

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004739.D
 Acq On : 26 Sep 2018 22:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 05:16:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245436	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	338776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184481	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	5.50	113	147060	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.72	98	514682	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	11.14	95	192118	55.87	ug/l	0.00
Spiked Amount			Recovery	=	111.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	188663	56.377	ug/l	97
3) Chloromethane	1.32	50	211201	52.019	ug/l	97
4) Vinyl Chloride	1.40	62	198231	52.057	ug/l	100
5) Bromomethane	1.64	94	120376	53.309	ug/l	100
6) Chloroethane	1.71	64	127575	62.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	240061	50.923	ug/l	95
8) Diethyl Ether	2.18	74	108992	53.219	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140391	52.281	ug/l	97
10) Methyl Iodide	2.51	142	198531	55.249	ug/l	99
11) Tert butyl alcohol	3.08	59	285220	290.944	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135287	50.871	ug/l	97
13) Acrolein	2.29	56	188686	270.518	ug/l	99
14) Allyl chloride	2.72	41	307520	52.998	ug/l	94
15) Acrylonitrile	3.15	53	613322	284.199	ug/l	98
16) Acetone	2.45	43	570617	278.771	ug/l	92
17) Carbon Disulfide	2.56	76	403204	50.456	ug/l	100
18) Methyl Acetate	2.78	43	312823	60.320	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	522785	56.991	ug/l	93
20) Methylene Chloride	2.85	84	174388	58.743	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	153635	52.774	ug/l	93
22) Diisopropyl ether	3.87	45	582757	59.642	ug/l	97
23) Vinyl Acetate	3.82	43	2748771	307.333	ug/l #	94
24) 1,1-Dichloroethane	3.69	63	285458	48.976	ug/l	99
25) 2-Butanone	4.70	43	912798	302.532	ug/l	90
26) 2,2-Dichloropropane	4.58	77	181077	44.614	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	171465	52.723	ug/l	97
28) Bromochloromethane	5.02	49	148570	54.130	ug/l	90
29) Tetrahydrofuran	5.16	42	578054	308.247	ug/l	95
30) Chloroform	5.21	83	294339	53.434	ug/l	99
31) Cyclohexane	5.57	56	261710	58.667	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	236915	52.663	ug/l	100
36) 1,1-Dichloropropene	5.80	75	205752	52.523	ug/l	98
37) Ethyl Acetate	4.85	43	325675	62.631	ug/l	96
38) Carbon Tetrachloride	5.78	117	202439	49.162	ug/l	88

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Quant Time: Sep 27 05:16:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217232	54.307	ug/l	91
40) Benzene	6.14	78	643074	52.436	ug/l	99
41) Methacrylonitrile	5.06	41	168818	58.541	ug/l	95
42) 1,2-Dichloroethane	6.20	62	240084	55.377	ug/l	97
43) Isopropyl Acetate	6.46	43	453066	60.367	ug/l	96
44) Trichloroethene	7.21	130	154932	51.389	ug/l	96
45) 1,2-Dichloropropane	7.52	63	164991	54.860	ug/l	98
46) Dibromomethane	7.66	93	106747	56.477	ug/l	97
47) Bromodichloromethane	7.90	83	201918	57.059	ug/l	100
48) Methyl methacrylate	7.78	41	218394	64.110	ug/l	93
49) 1,4-Dioxane	7.76	88	104257	1231.896	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1497737	316.938	ug/l	95
52) Toluene	8.79	92	371720	55.161	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	224036	56.023	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	245716	58.663	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160306	54.307	ug/l	97
56) Ethyl methacrylate	9.18	69	254700	52.991	ug/l	94
57) 1,3-Dichloropropane	9.37	76	272641	55.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	721267	281.667	ug/l	94
59) 2-Hexanone	9.50	43	1190537	302.322	ug/l	93
60) Dibromochloromethane	9.59	129	164637	55.770	ug/l	99
61) 1,2-Dibromoethane	9.68	107	168931	53.438	ug/l	98
64) Tetrachloroethene	9.34	164	155738	48.369	ug/l	97
65) Chlorobenzene	10.14	112	415684	49.552	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	151315	51.308	ug/l	99
67) Ethyl Benzene	10.26	91	697908	52.402	ug/l	99
68) m/p-Xylenes	10.36	106	542330	104.206	ug/l	94
69) o-Xylene	10.70	106	262095	54.829	ug/l	96
70) Styrene	10.71	104	451234	50.451	ug/l	97
71) Bromoform	10.86	173	135053	53.490	ug/l	# 99
73) Isopropylbenzene	11.02	105	688975	54.347	ug/l	99
74) N-amyl acetate	10.90	43	364962	52.294	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	268365	52.003	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	308471	68.427	ug/l	89
77) Bromobenzene	11.26	156	194264	52.757	ug/l	98
78) n-propylbenzene	11.36	91	791276	54.399	ug/l	100
79) 2-Chlorotoluene	11.42	91	490064	54.051	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	595546	51.260	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	77005	46.724	ug/l	100
82) 4-Chlorotoluene	11.51	91	576263	53.998	ug/l	99
83) tert-Butylbenzene	11.77	119	566750	54.299	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	621174	51.847	ug/l	98
85) sec-Butylbenzene	11.94	105	682240	53.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	617618	53.620	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	349656	50.853	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	355670	50.110	ug/l	98
89) n-Butylbenzene	12.39	91	552378	52.804	ug/l	97
90) Hexachloroethane	12.60	117	94891	49.479	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	358052	49.830	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61786	54.529	ug/l	95

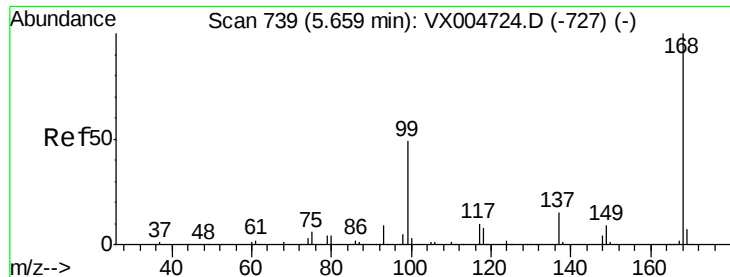
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092618\
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Acq On : 26 Sep 2018 22:24
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262677	52.113	ug/l	99
94) Hexachlorobutadiene	13.79	225	122642	46.921	ug/l	98
95) Naphthalene	13.83	128	883947	52.796	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275354	52.882	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

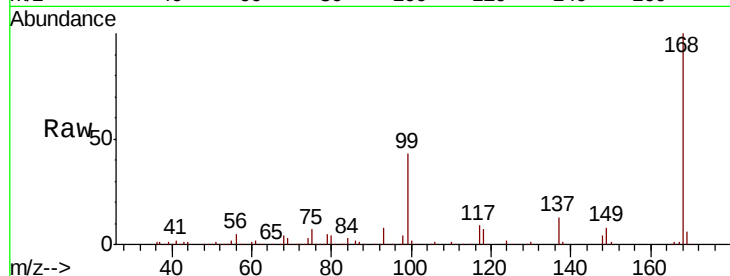
VSTDCCC050

Tot Ion:168 Resp: 245436

Ion Ratio Lower Upper

168 100

99 43.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

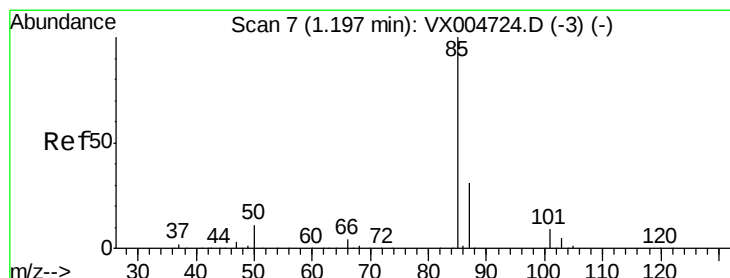
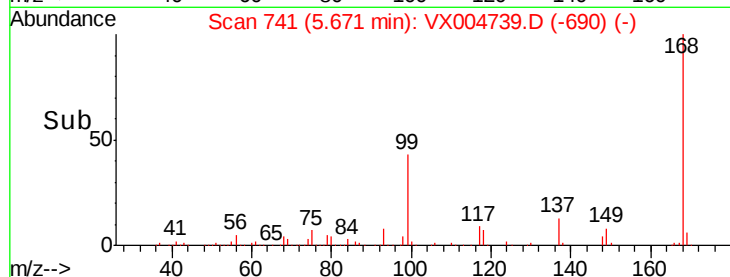
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.377 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004739.D

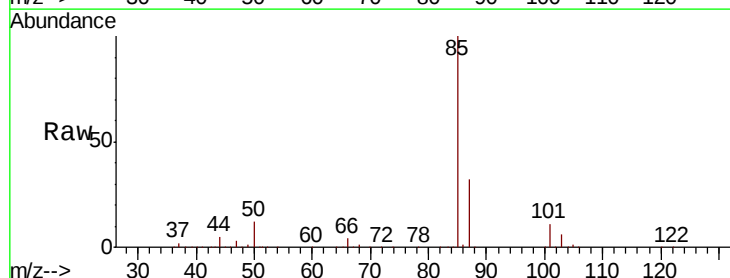
Acq: 26 Sep 2018 22:24

Tgt Ion: 85 Resp: 188663

Ion Ratio Lower Upper

85 100

87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

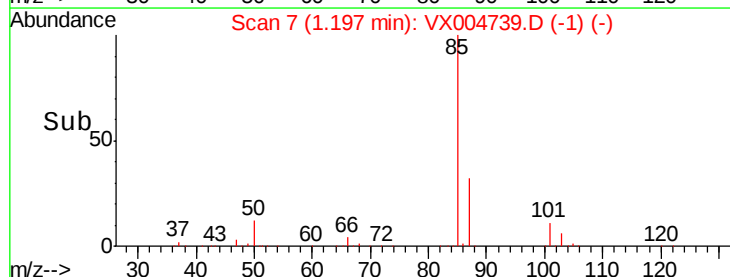
150000

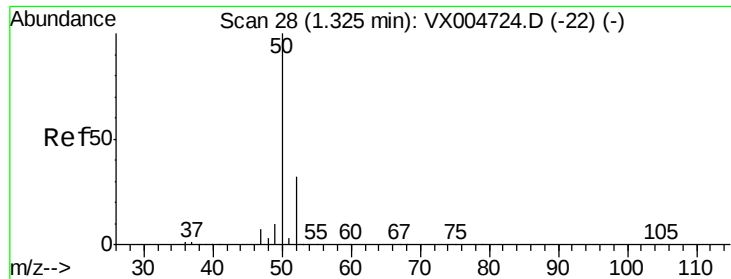
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 52.019 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

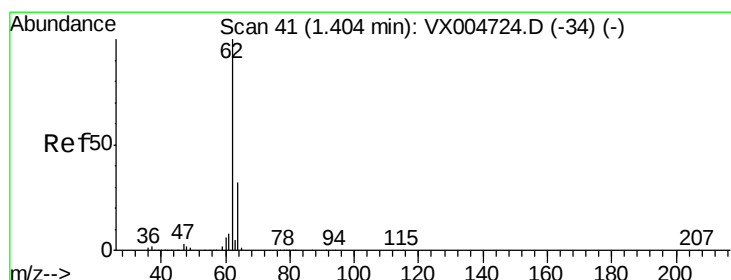
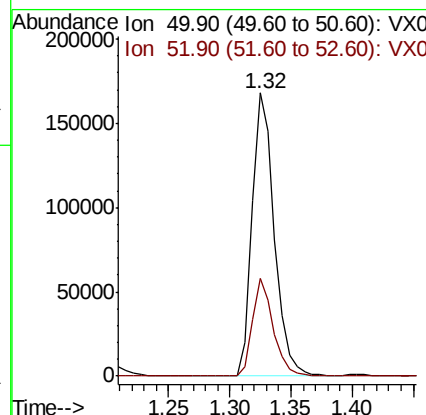
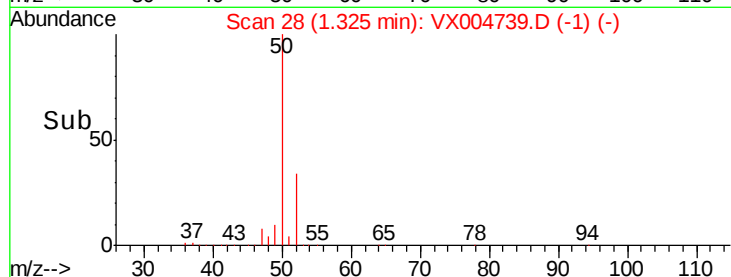
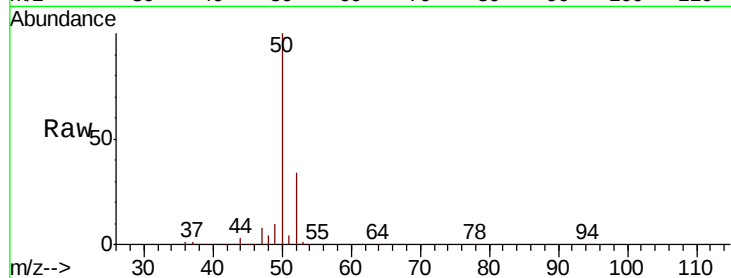
VSTDCCC050

Tot Ion: 50 Resp: 211201

Ion Ratio Lower Upper

50 100

52 34.3 26.2 39.2



#4

Vinyl Chloride

Concen: 52.057 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004739.D

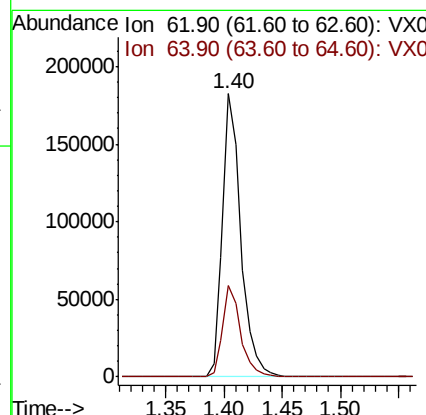
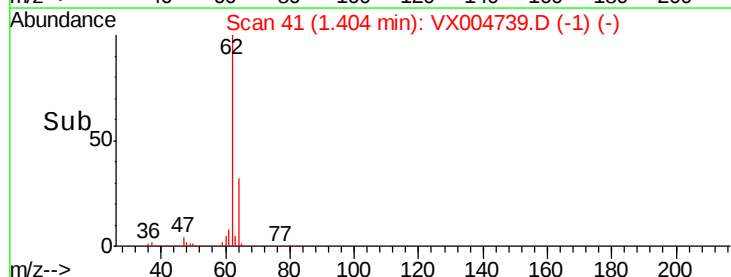
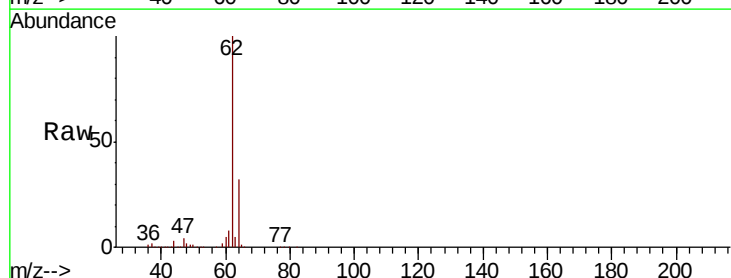
Acq: 26 Sep 2018 22:24

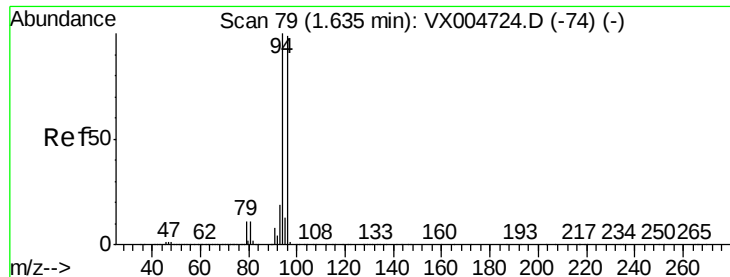
Tgt Ion: 62 Resp: 198231

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 53.309 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

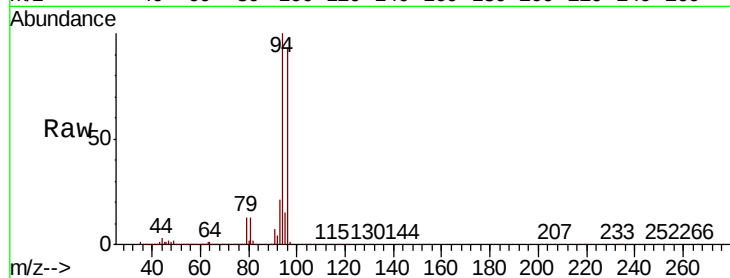
VSTDCCC050

Tot Ion: 94 Resp: 120376

Ion Ratio Lower Upper

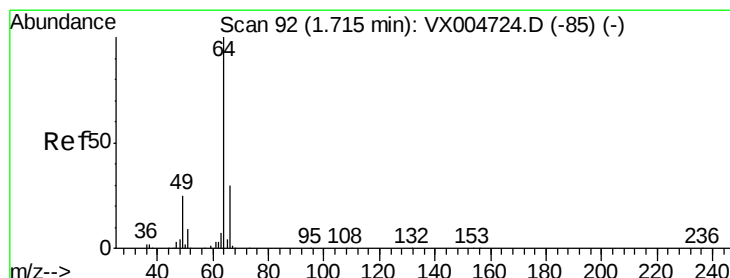
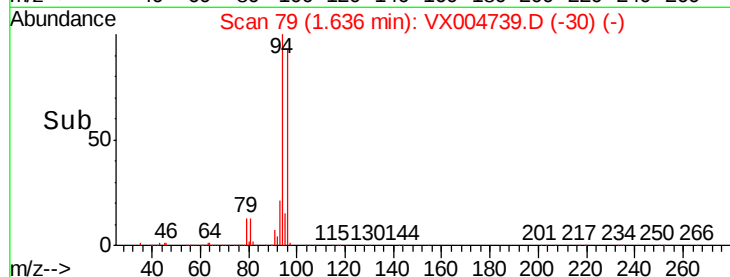
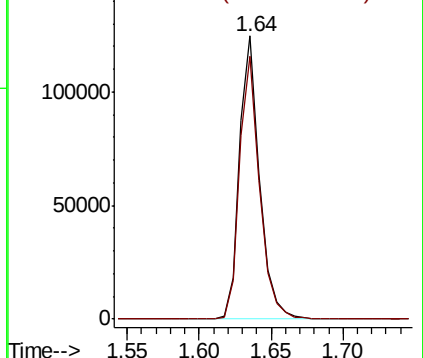
94 100

96 92.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 62.035 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004739.D

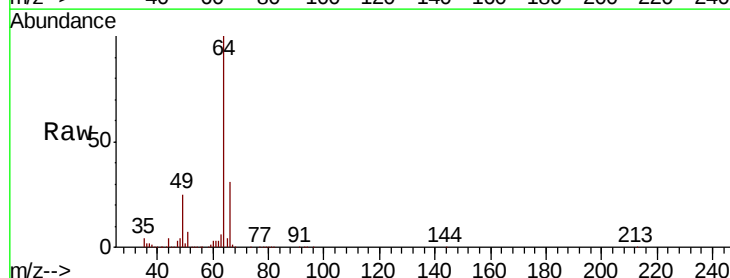
Acq: 26 Sep 2018 22:24

Tgt Ion: 64 Resp: 127575

Ion Ratio Lower Upper

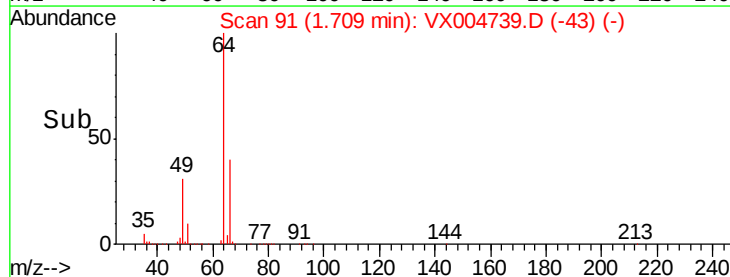
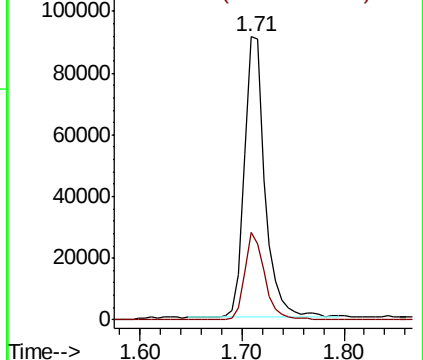
64 100

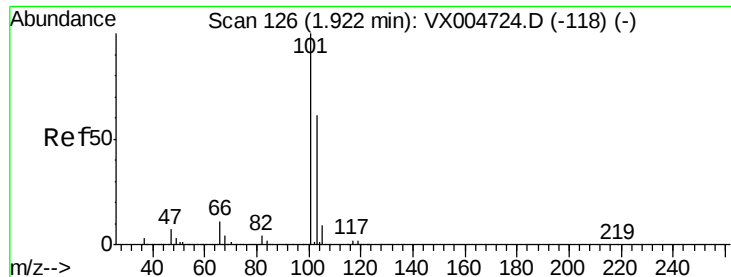
66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



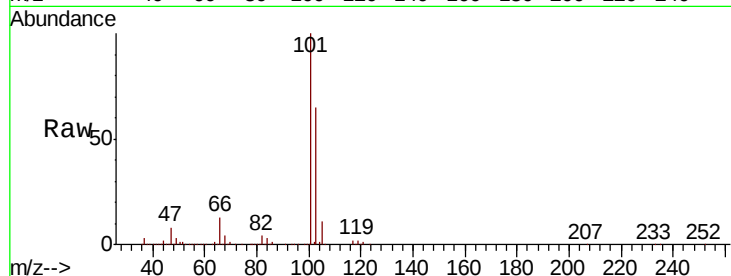


#7

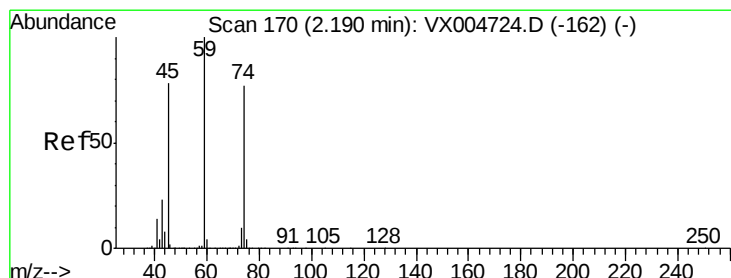
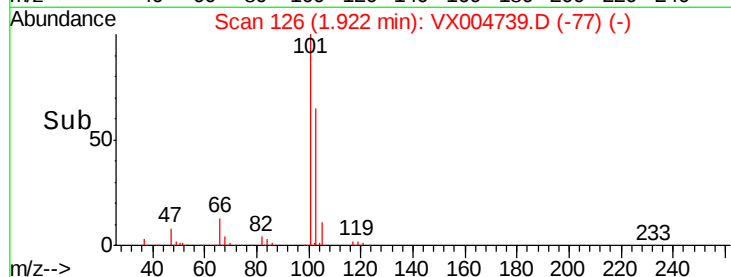
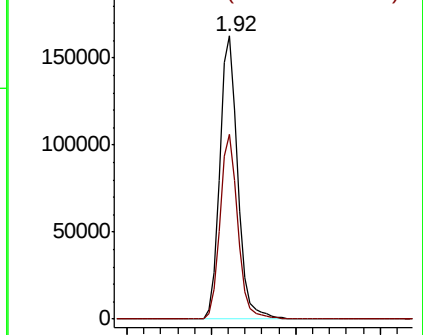
Trichlorofluoromethane
 Concen: 50.923 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 240061
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.9 73.3



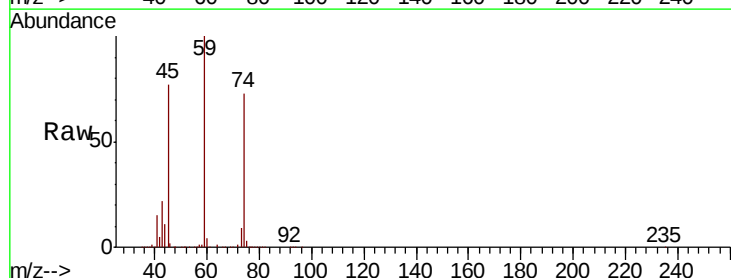
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



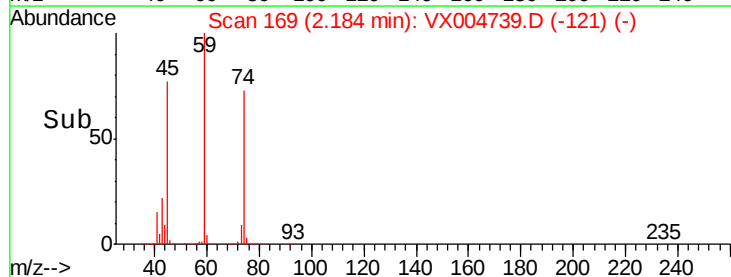
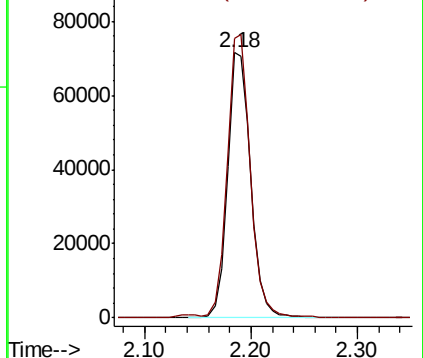
#8

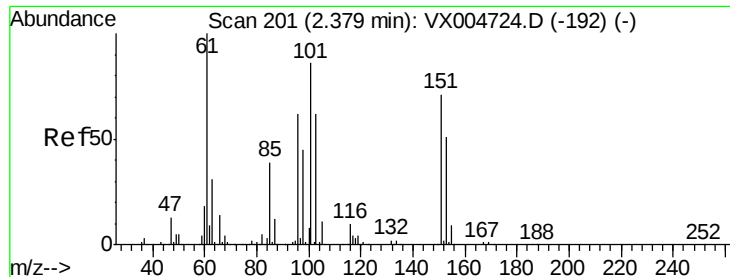
Diethyl Ether
 Concen: 53.219 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 74 Resp: 108992
 Ion Ratio Lower Upper
 74 100
 45 105.2 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.281 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

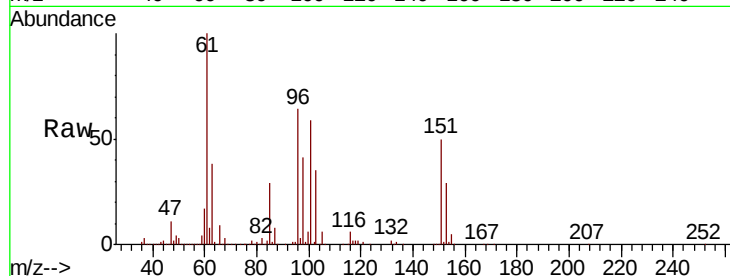
Tot Ion:101 Resp: 140391

Ion Ratio Lower Upper

101 100

85 45.0 34.2 51.4

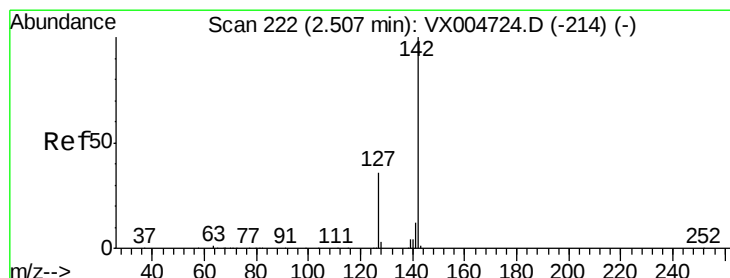
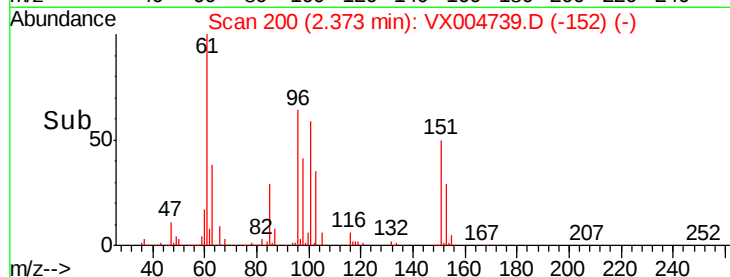
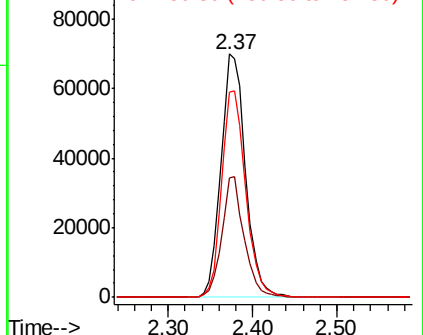
151 83.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.249 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

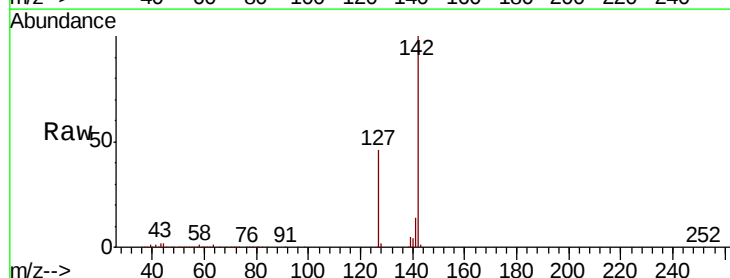
Tgt Ion:142 Resp: 198531

Ion Ratio Lower Upper

142 100

127 42.0 33.8 50.6

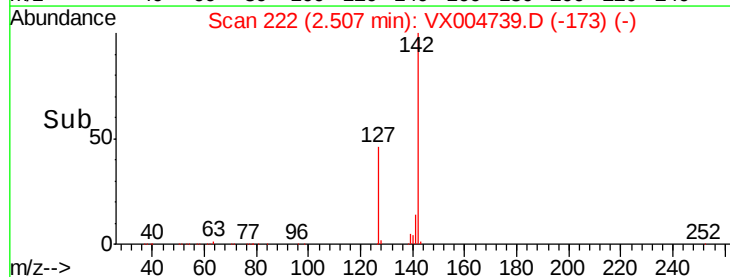
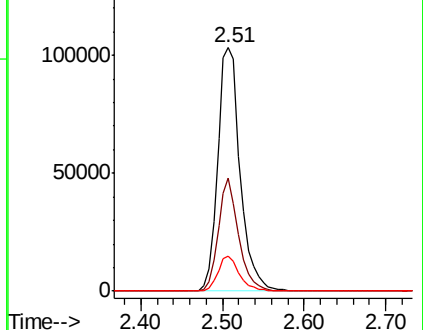
141 13.7 11.4 17.0

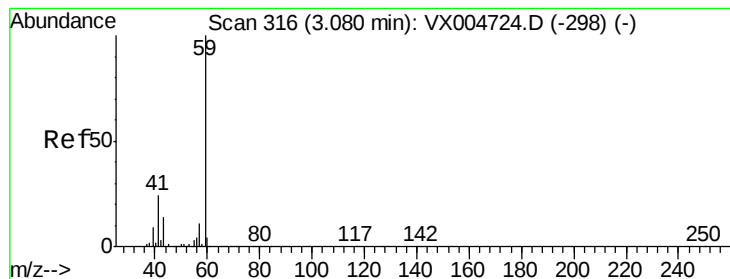


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



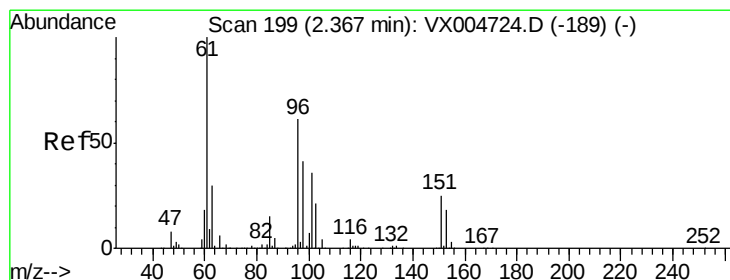
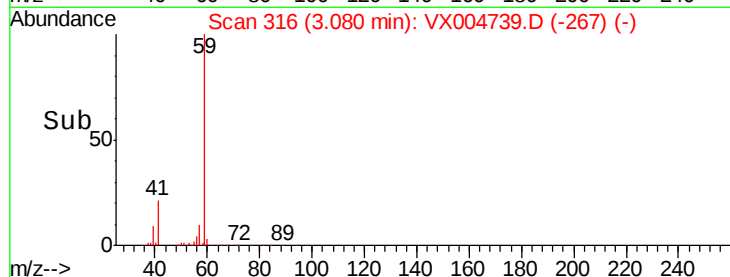
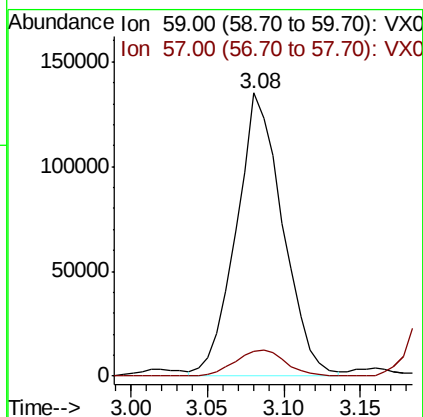
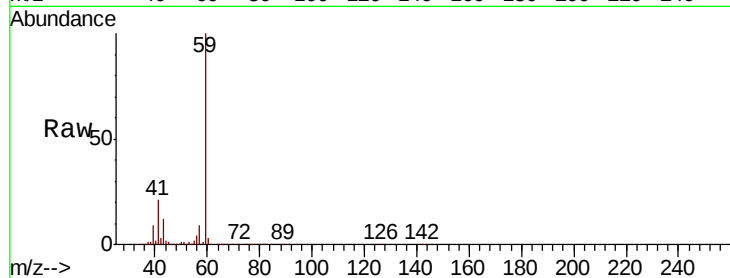


#11

Tert butyl alcohol
 Concen: 290.944 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

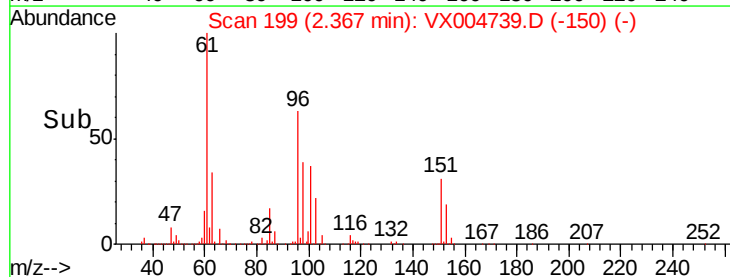
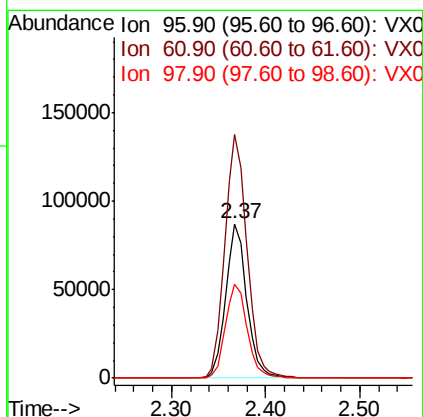
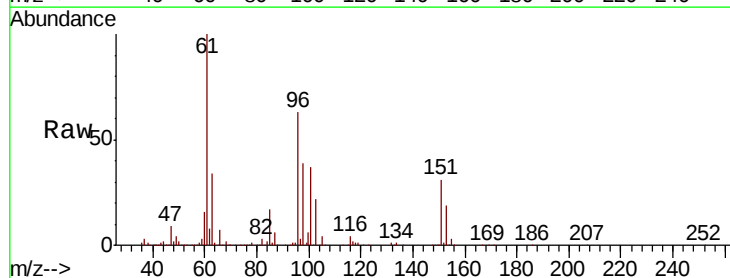
Tot Ion: 59 Resp: 285220
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

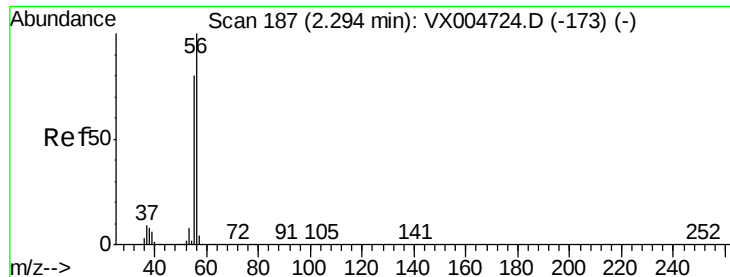


#12

1,1-Dichloroethene
 Concen: 50.871 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 96 Resp: 135287
 Ion Ratio Lower Upper
 96 100
 61 158.0 128.8 193.2
 98 61.3 52.2 78.2





#13

Acrolein

Concen: 270.518 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

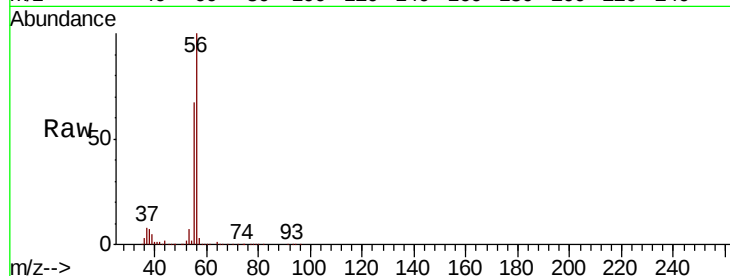
VSTDCCC050

Tot Ion: 56 Resp: 188686

Ion Ratio Lower Upper

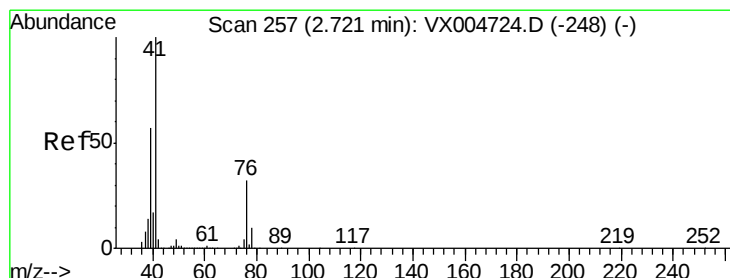
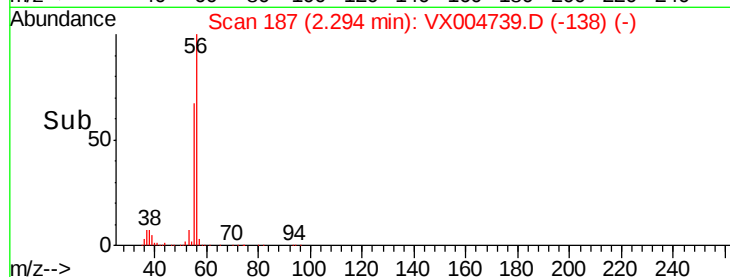
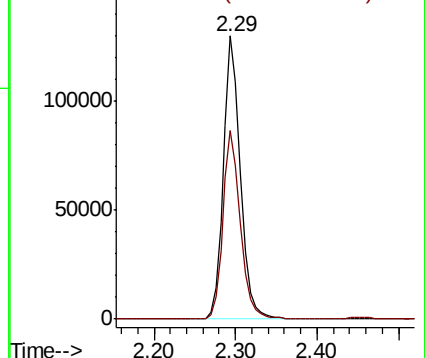
56 100

55 68.0 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.998 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

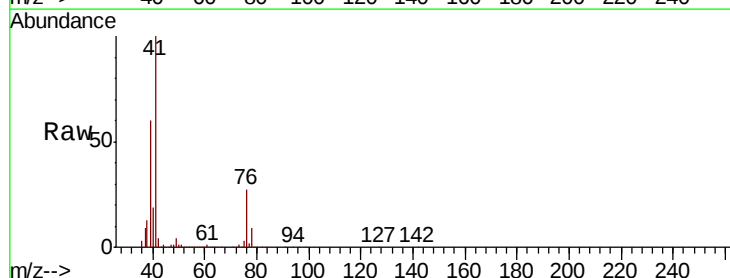
Tgt Ion: 41 Resp: 307520

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

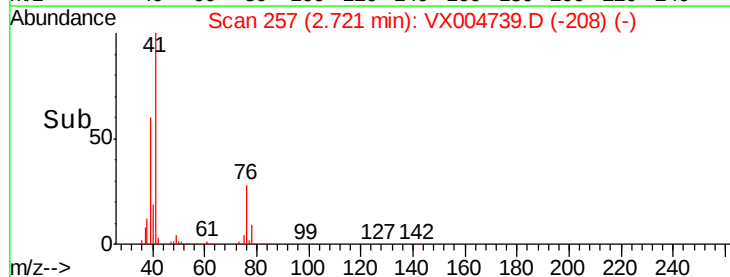
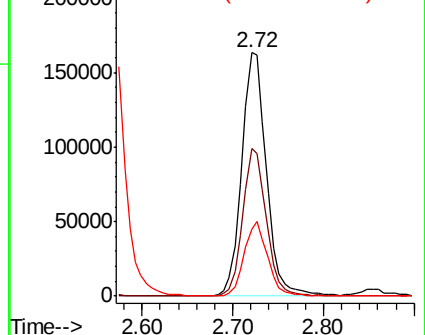
76 28.5 26.7 40.1

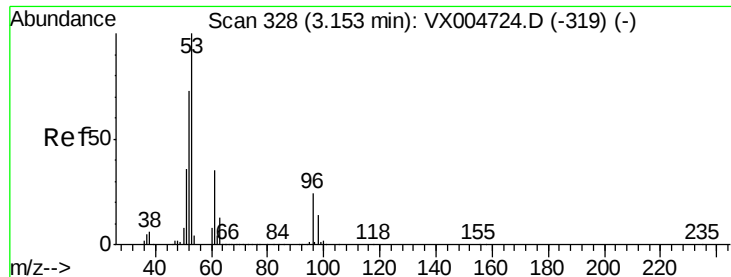


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



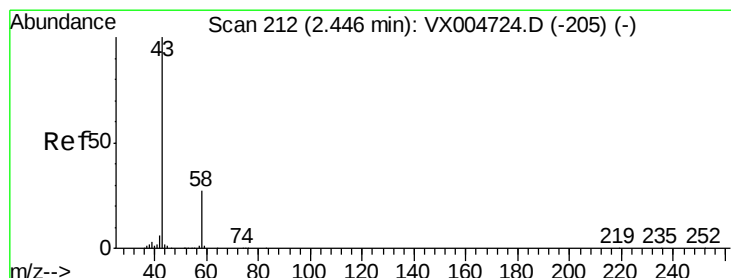
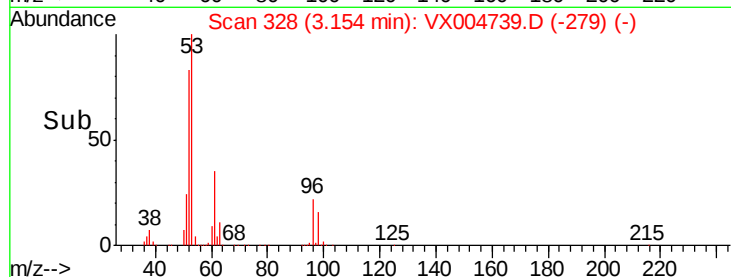
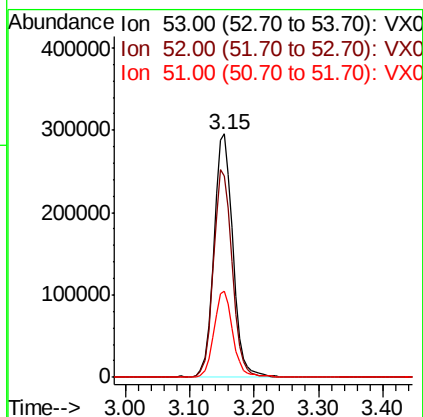
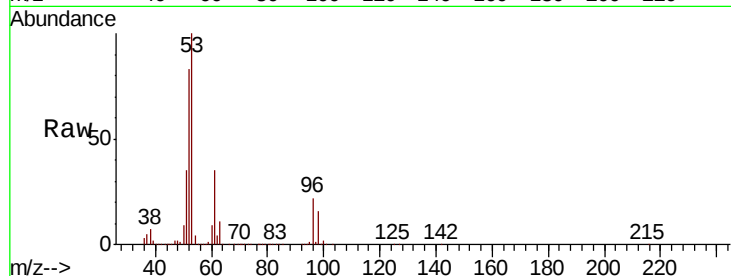


#15
 Acrylonitrile
 Concen: 284.199 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 613322

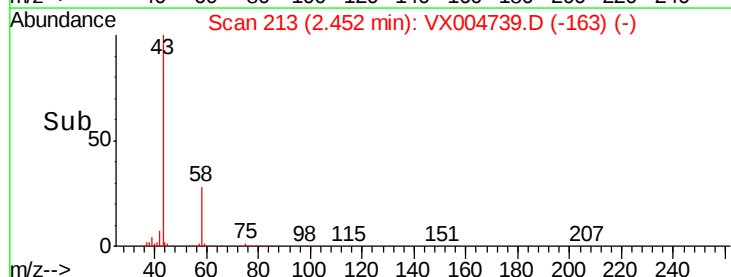
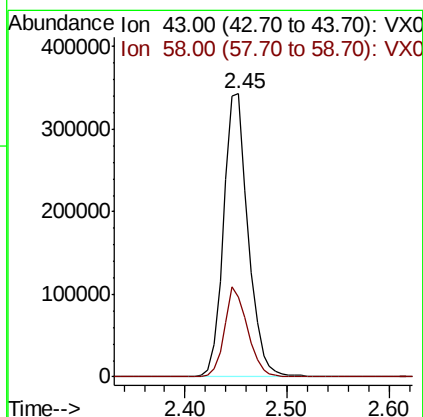
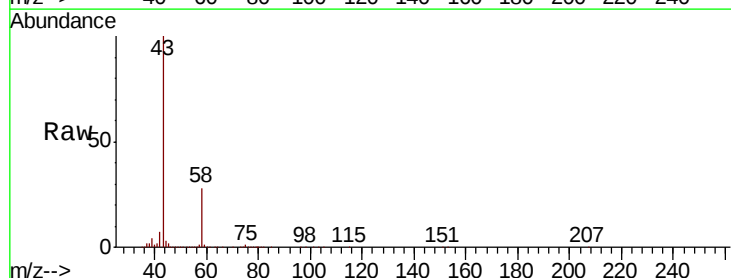
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.2	97.8
51	35.3	28.2	42.2

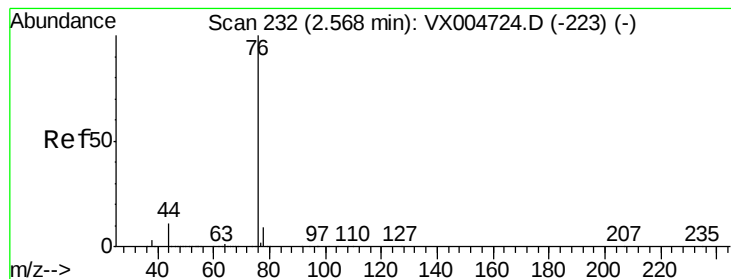


#16
 Acetone
 Concen: 278.771 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 43 Resp: 570617

Ion	Ratio	Lower	Upper
43	100		
58	28.3	26.2	39.4





#17

Carbon Disulfide

Concen: 50.456 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

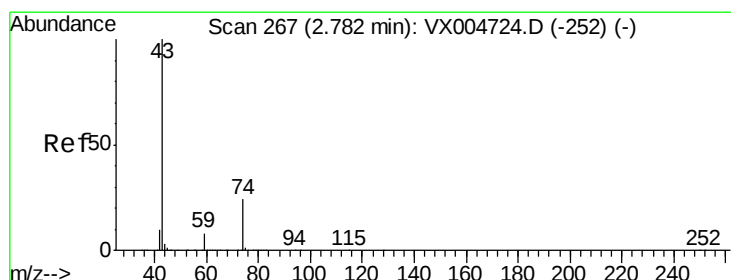
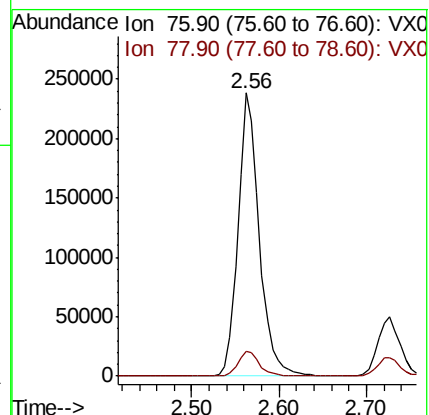
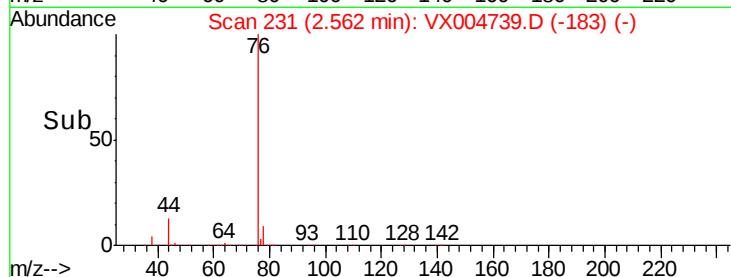
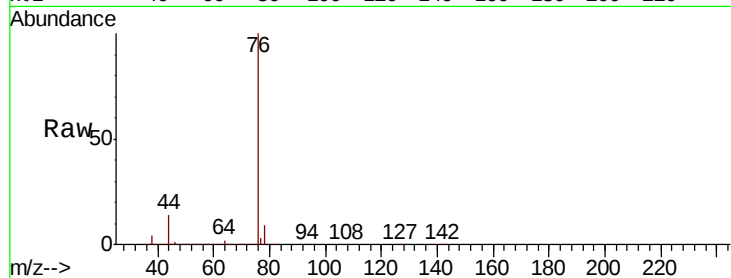
VSTDCCC050

Tot Ion: 76 Resp: 403204

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 60.320 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004739.D

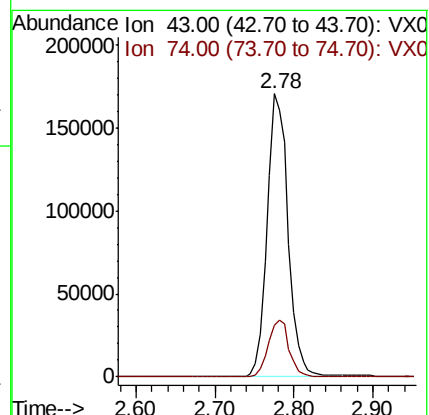
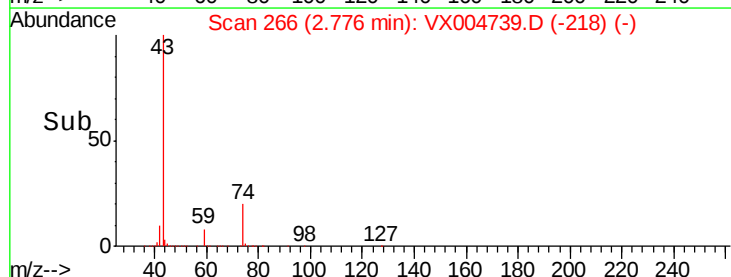
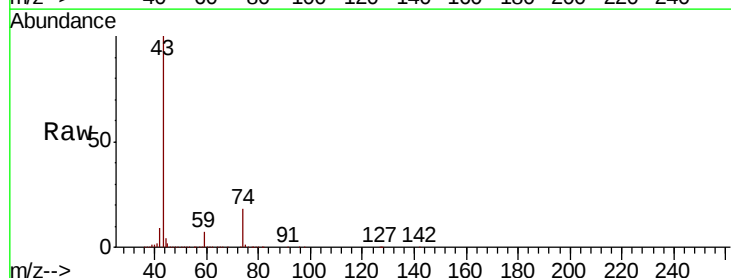
Acq: 26 Sep 2018 22:24

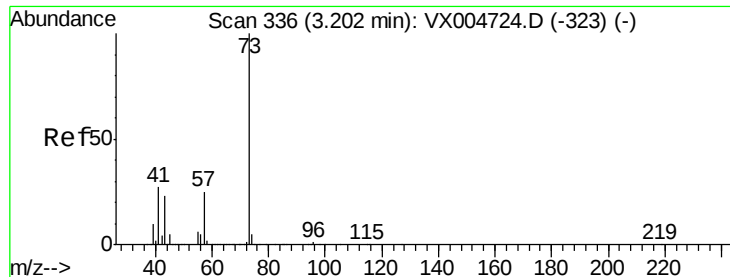
Tgt Ion: 43 Resp: 312823

Ion Ratio Lower Upper

43 100

74 20.2 19.4 29.2



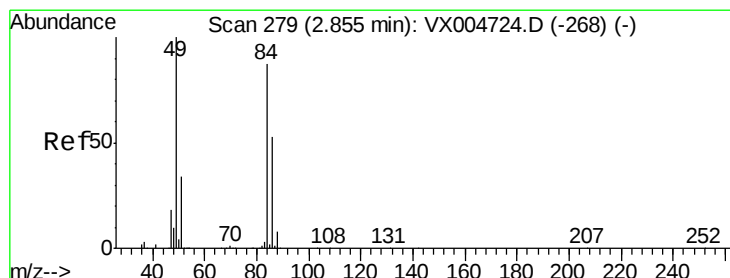
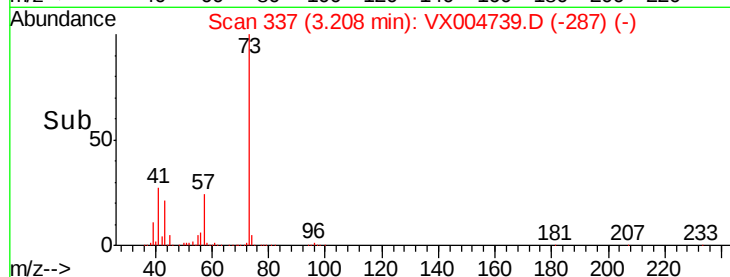
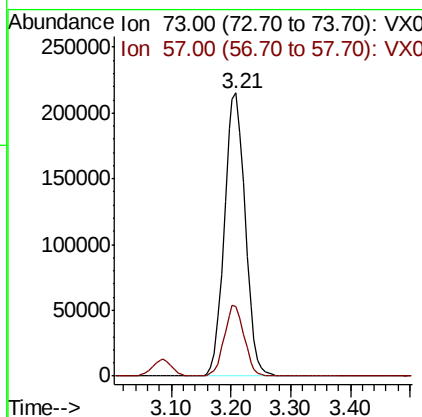
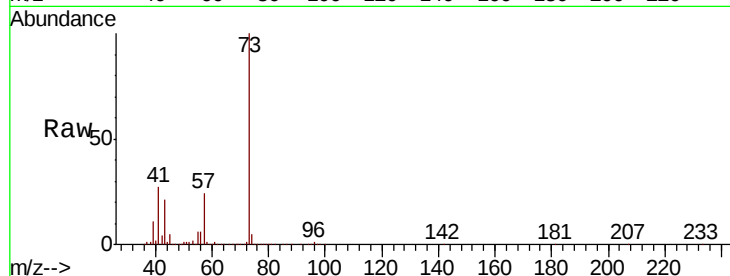


#19

Methyl tert-butyl Ether
 Concen: 56.991 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

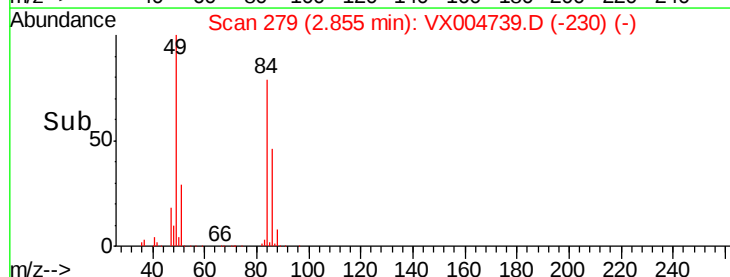
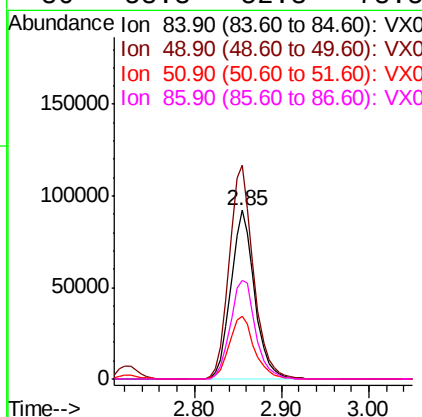
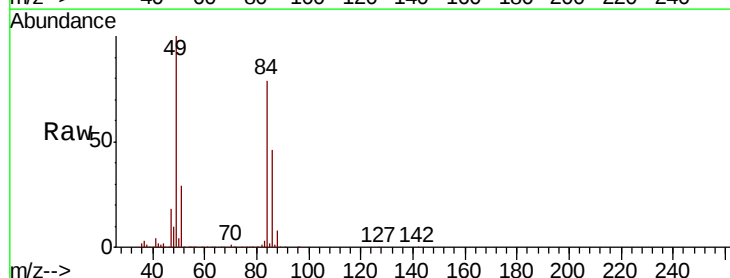
Tot Ion: 73 Resp: 522785
 Ion Ratio Lower Upper
 73 100
 57 24.5 17.1 25.7

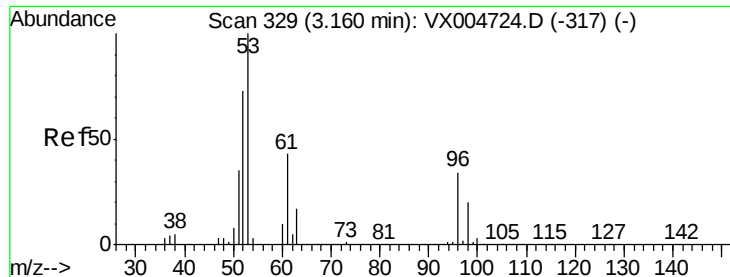


#20

Methylene Chloride
 Concen: 58.743 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 84 Resp: 174388
 Ion Ratio Lower Upper
 84 100
 49 126.6 101.2 151.8
 51 36.9 29.5 44.3
 86 58.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.774 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

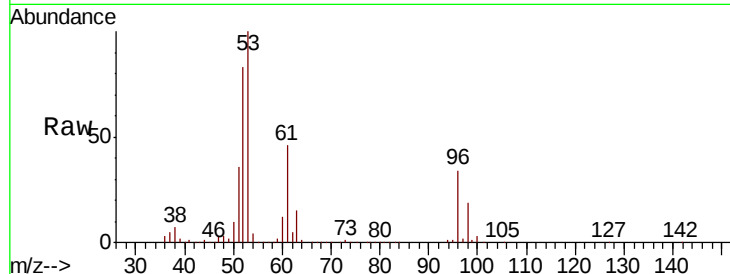
Tot Ion: 96 Resp: 153635

Ion Ratio Lower Upper

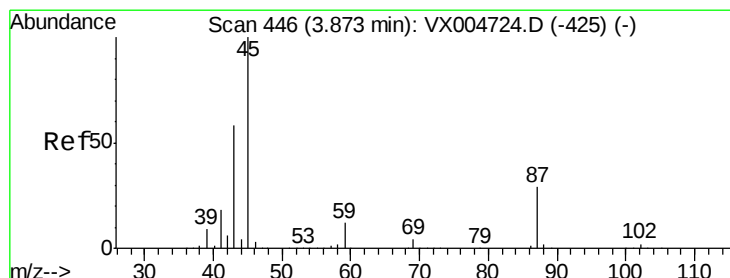
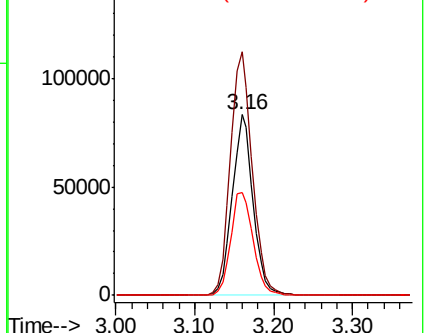
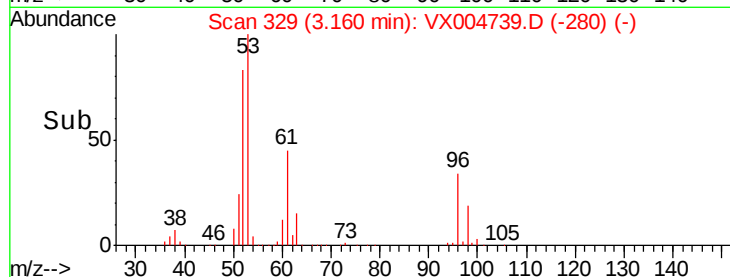
96 100

61 134.9 113.8 170.6

98 56.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 59.642 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion: 45 Resp: 582757

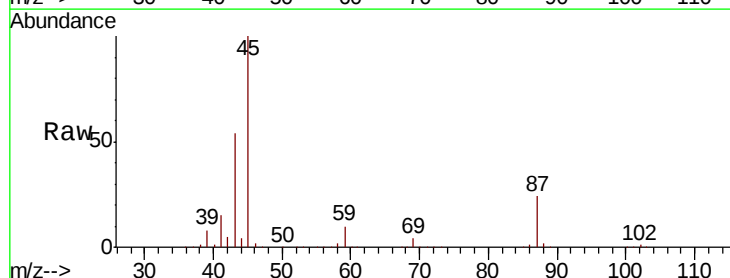
Ion Ratio Lower Upper

45 100

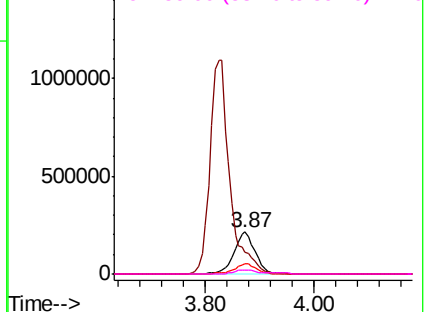
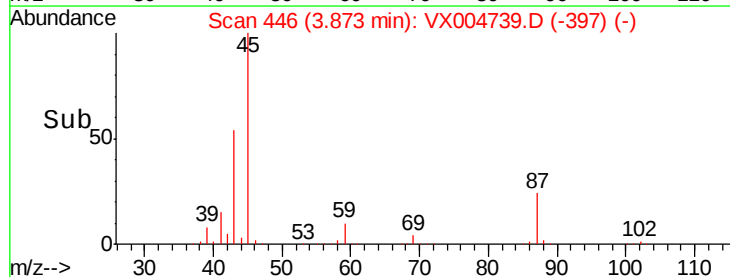
43 53.4 42.8 64.2

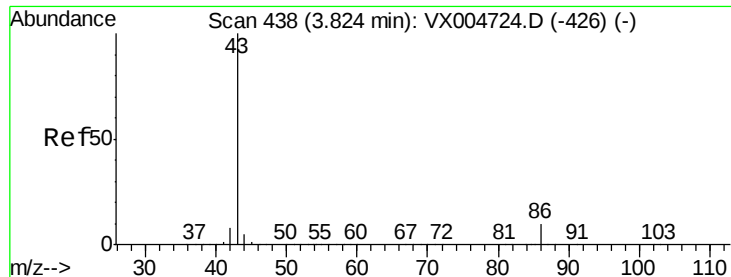
87 23.6 22.6 34.0

59 10.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

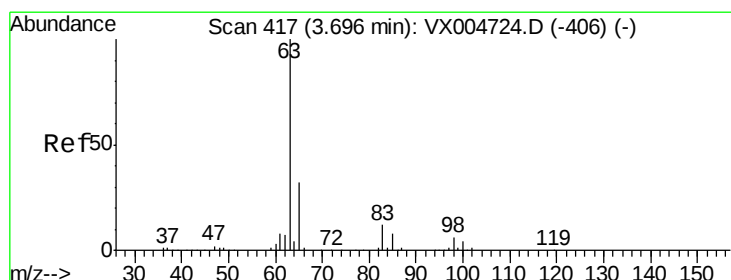
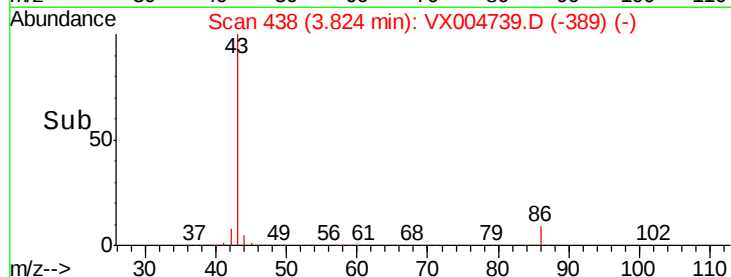
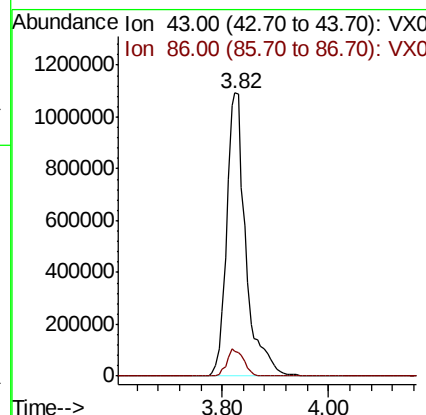
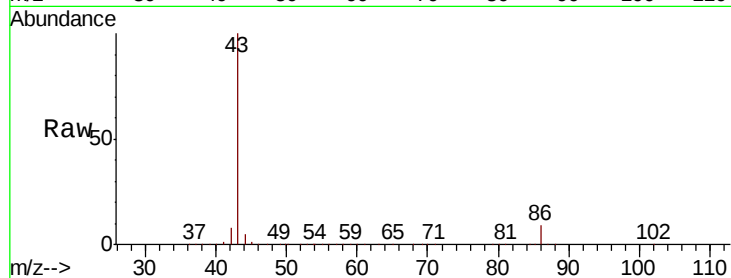




#23
 Vinyl Acetate
 Concen: 307.333 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

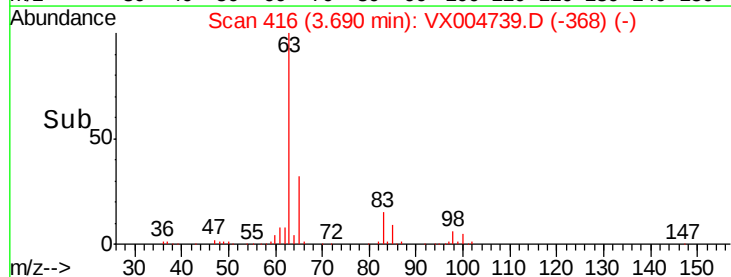
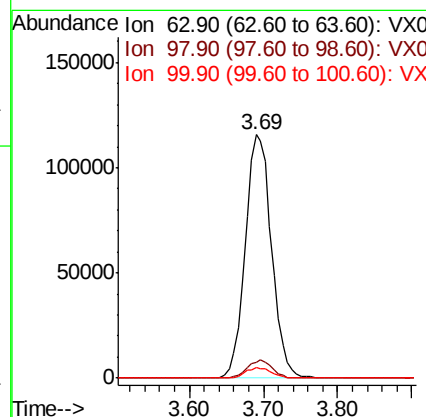
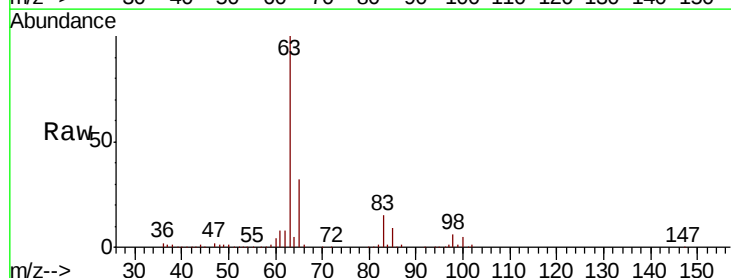
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

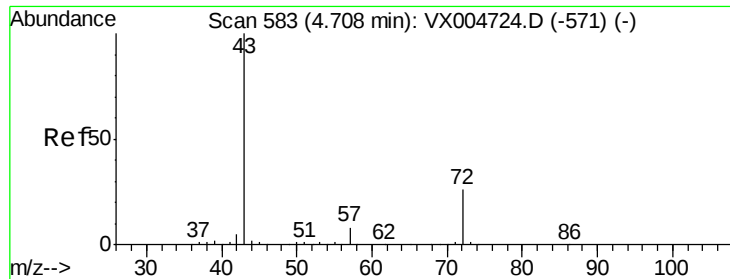
Tot Ion: 43 Resp: 2748771
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.9 13.3#



#24
 1,1-Dichloroethane
 Concen: 48.976 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 63 Resp: 285458
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 302.532 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

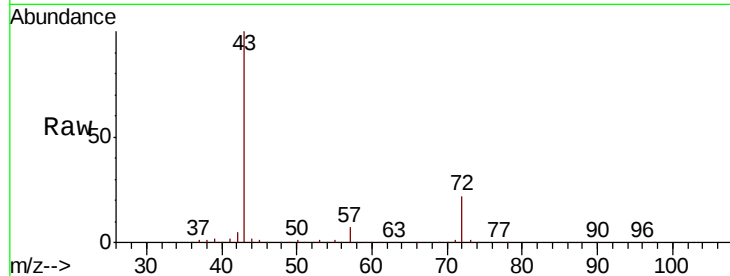
VSTDCCC050

Tot Ion: 43 Resp: 912798

Ion Ratio Lower Upper

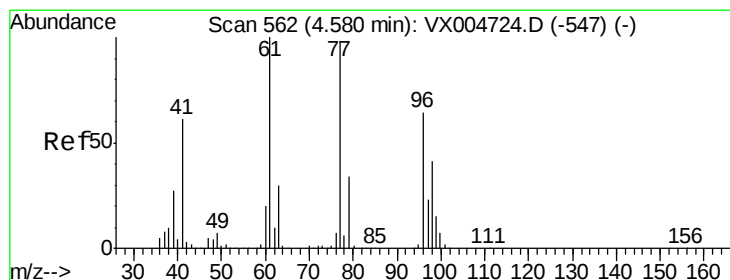
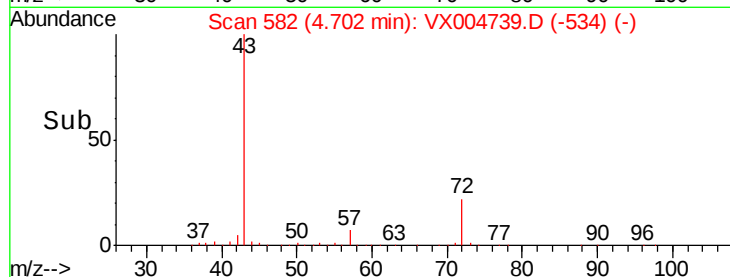
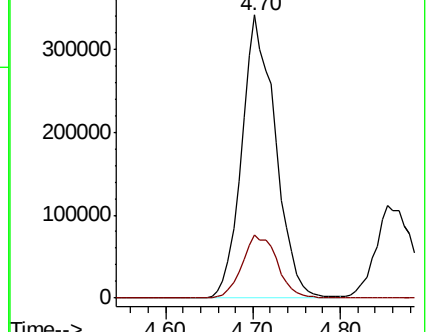
43 100

72 22.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.614 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004739.D

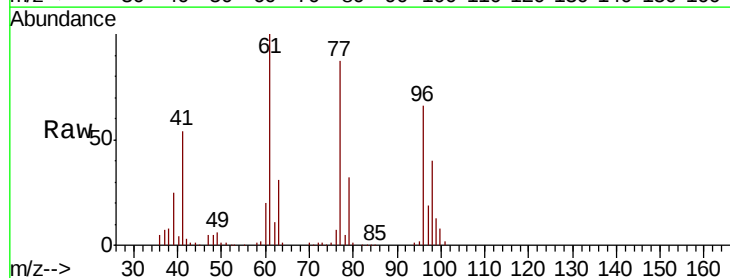
Acq: 26 Sep 2018 22:24

Tgt Ion: 77 Resp: 181077

Ion Ratio Lower Upper

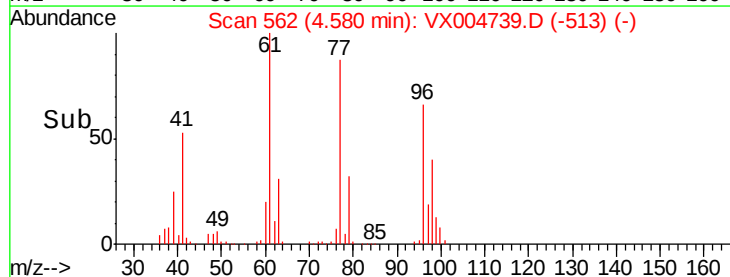
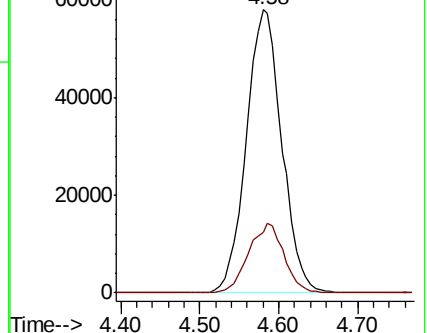
77 100

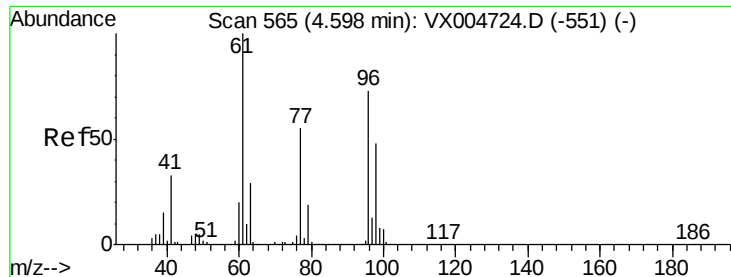
97 24.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



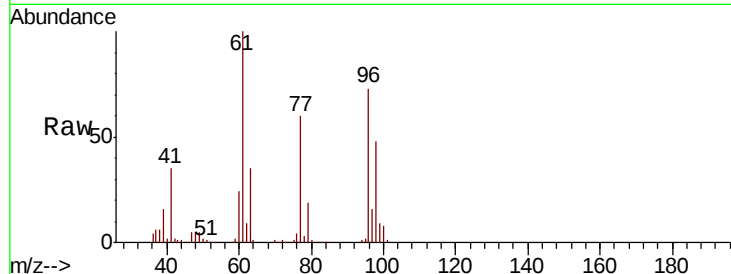


#27

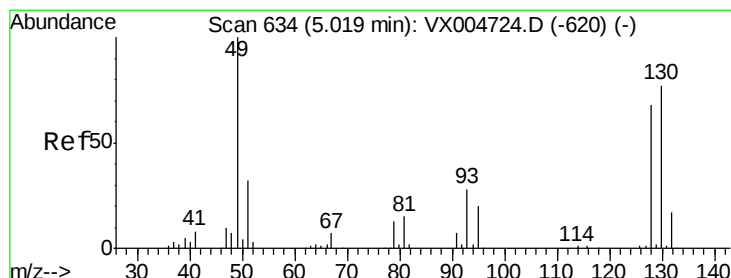
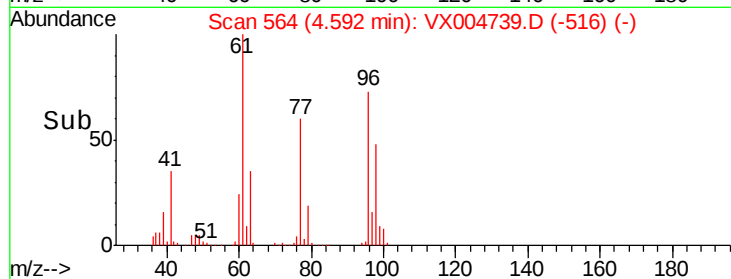
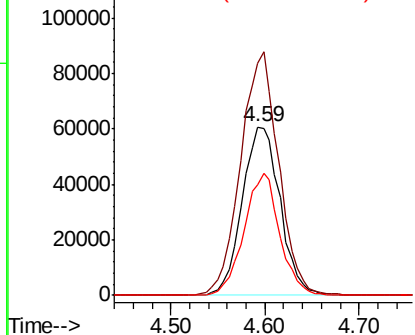
cis-1,2-Dichloroethene
 Concen: 52.723 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 171465
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 282.6
 98 68.1 0.0 130.2



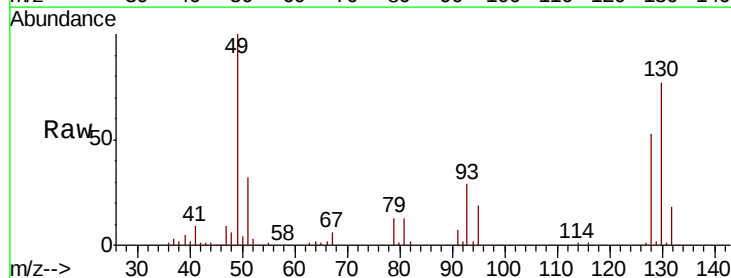
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



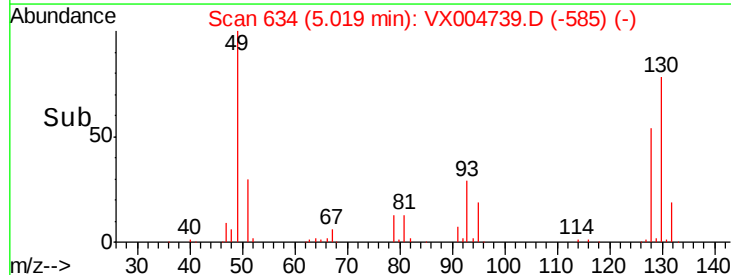
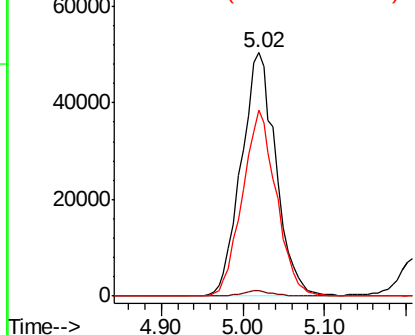
#28

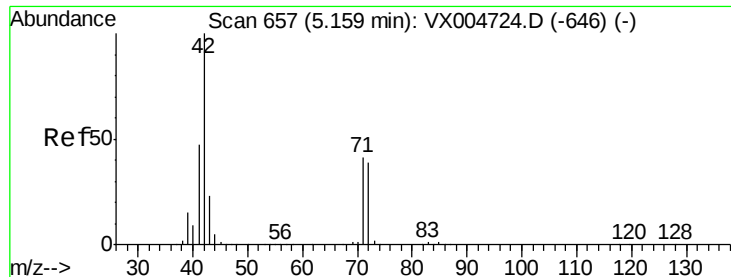
Bromochloromethane
 Concen: 54.130 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 49 Resp: 148570
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 75.0 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 308.247 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

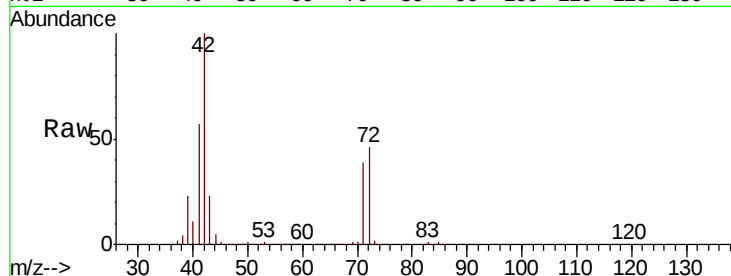
Tot Ion: 42 Resp: 578054

Ion Ratio Lower Upper

42 100

72 43.4 37.4 56.0

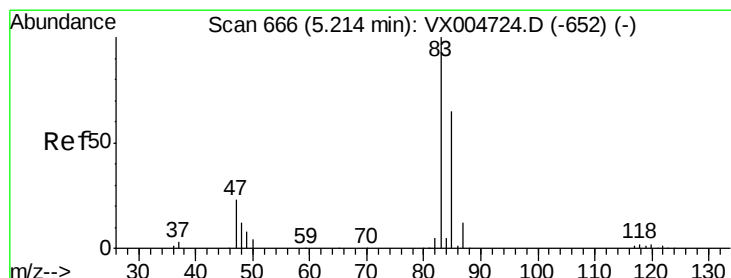
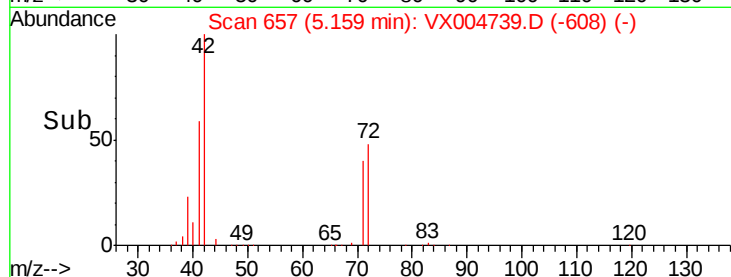
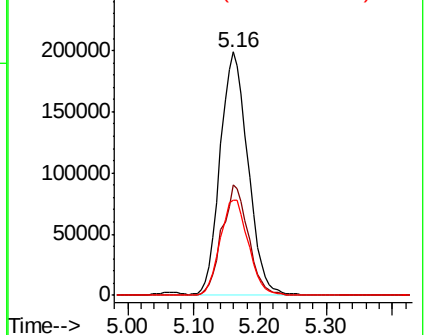
71 40.0 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.434 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004739.D

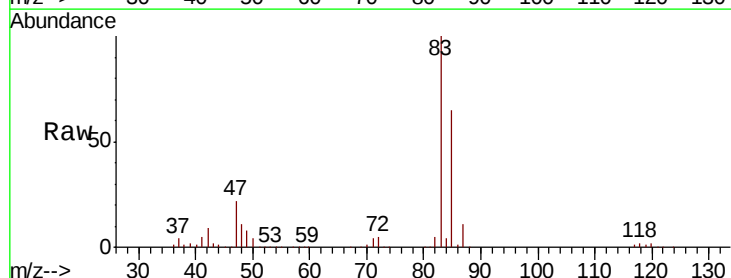
Acq: 26 Sep 2018 22:24

Tgt Ion: 83 Resp: 294339

Ion Ratio Lower Upper

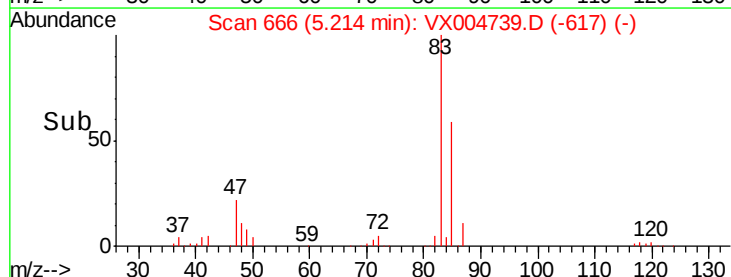
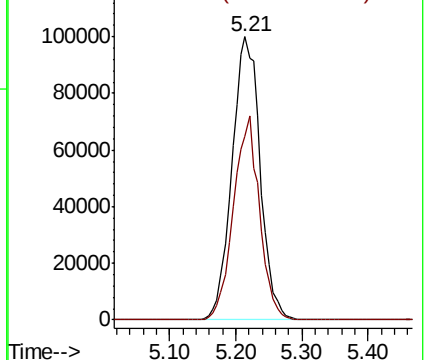
83 100

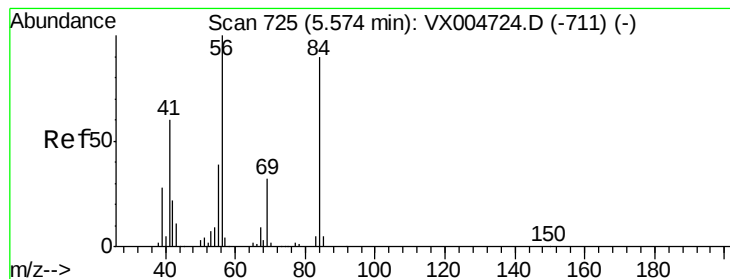
85 64.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 58.667 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

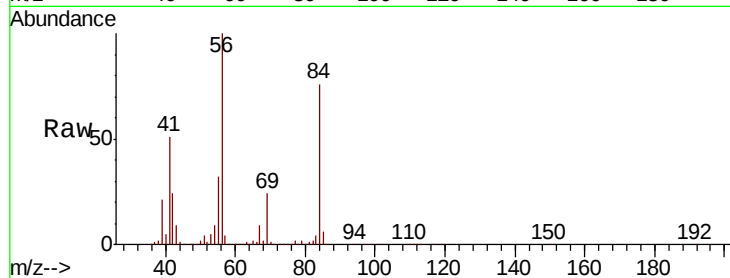
Tot Ion: 56 Resp: 261710

Ion Ratio Lower Upper

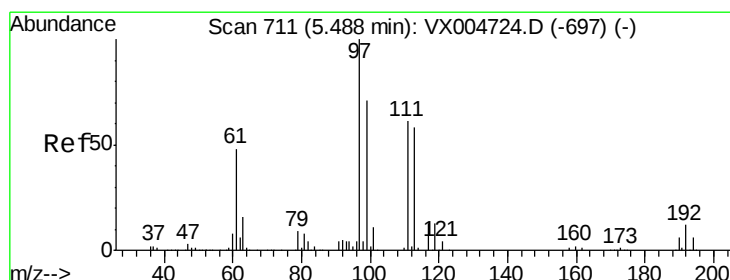
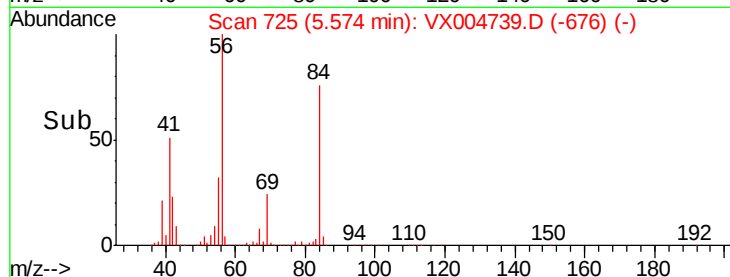
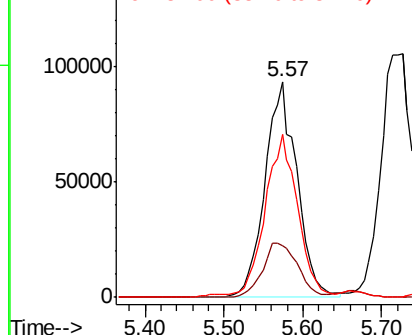
56 100

69 24.1 25.4 38.2#

84 75.3 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.663 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

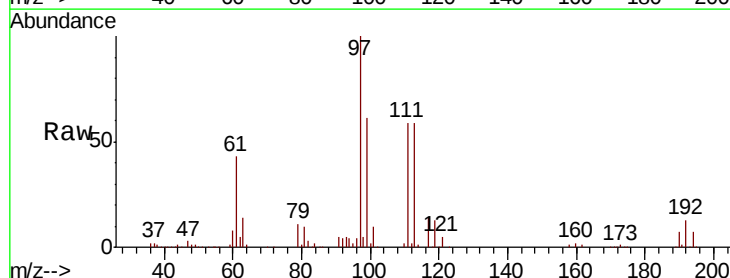
Tgt Ion: 97 Resp: 236915

Ion Ratio Lower Upper

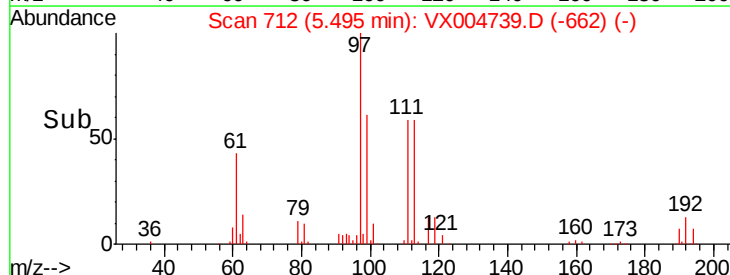
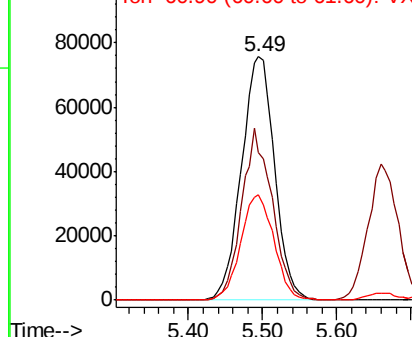
97 100

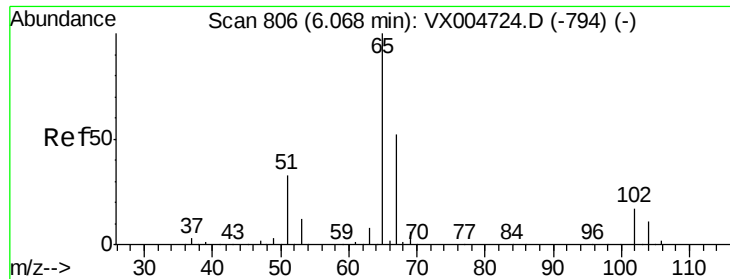
99 64.9 52.0 78.0

61 43.6 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.618 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

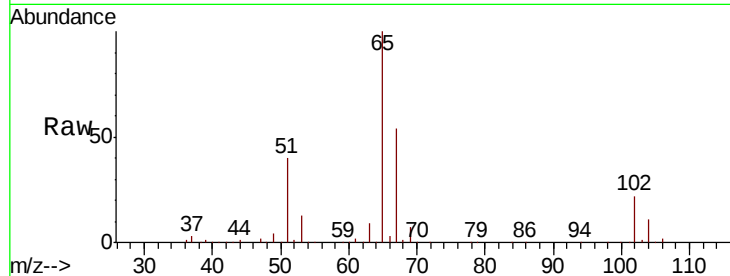
VSTDCCC050

Tot Ion: 65 Resp: 184481

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

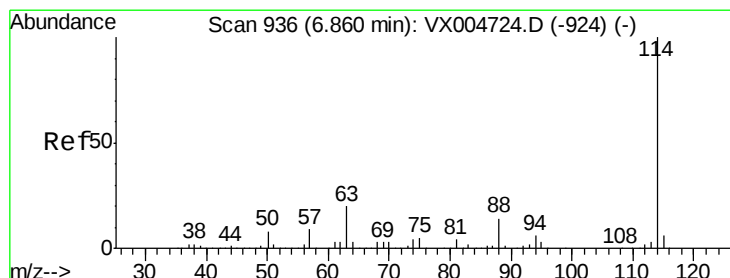
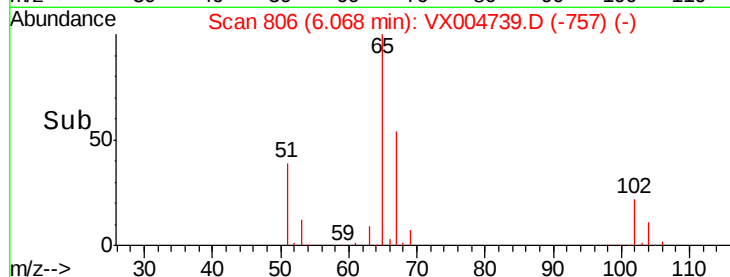
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

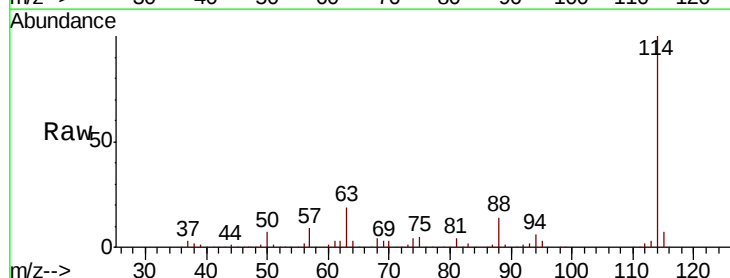
Tgt Ion: 114 Resp: 338776

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

88 14.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

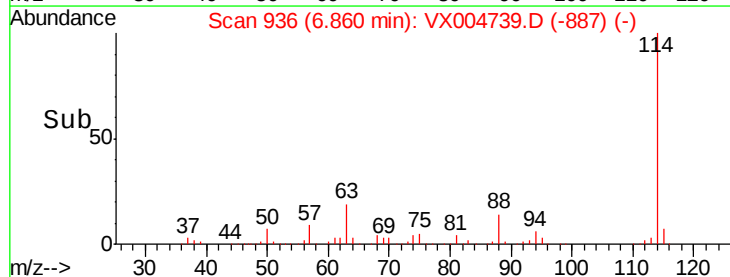
100000

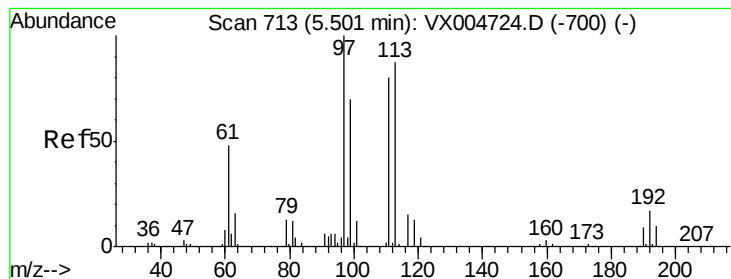
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 51.220 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

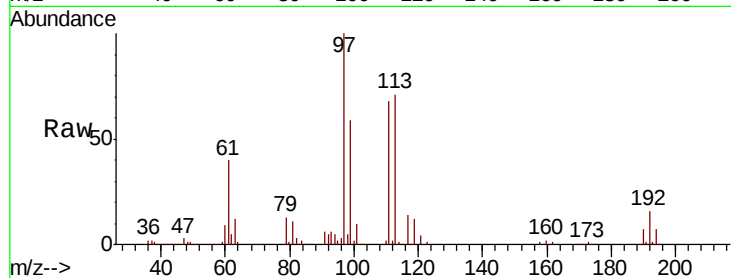
Tot Ion:113 Resp: 147060

Ion Ratio Lower Upper

113 100

111 99.2 82.4 123.6

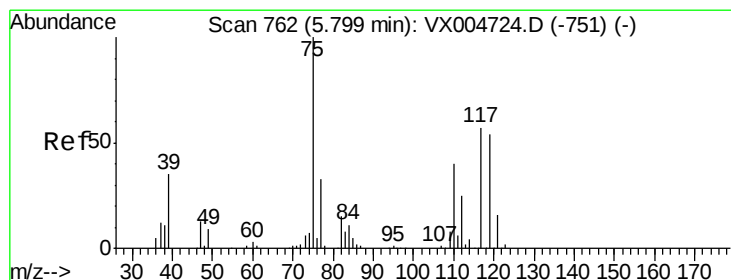
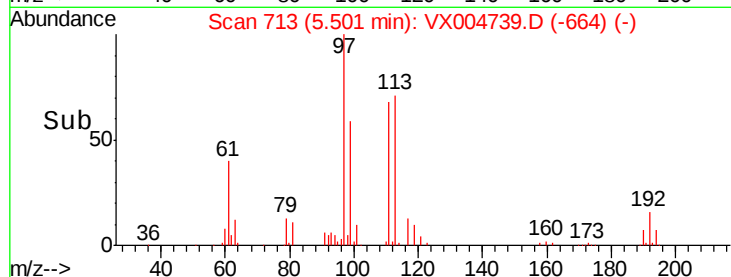
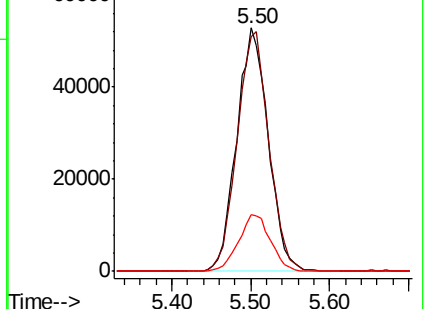
192 23.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.523 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

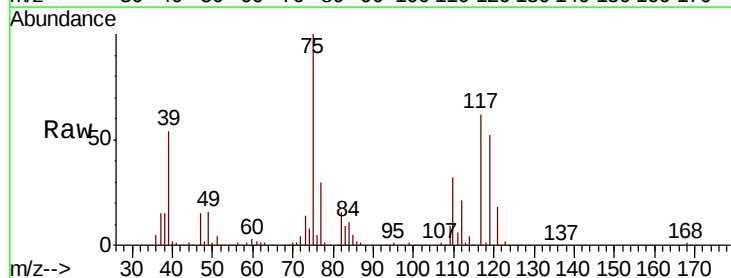
Tgt Ion: 75 Resp: 205752

Ion Ratio Lower Upper

75 100

110 36.5 18.0 54.0

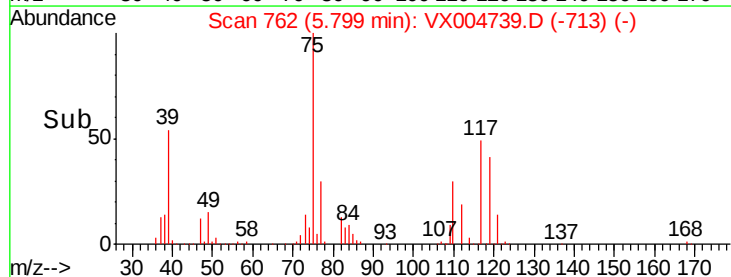
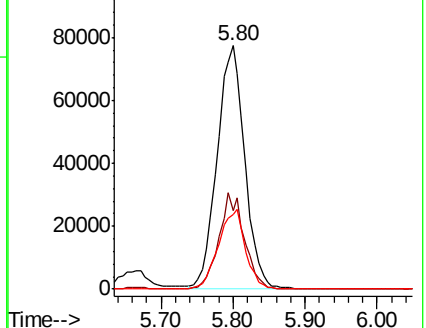
77 32.4 24.6 36.8

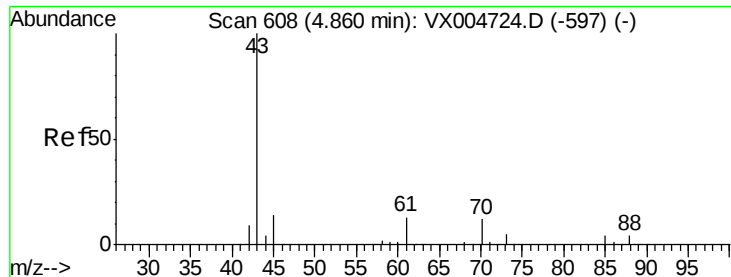


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 62.631 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

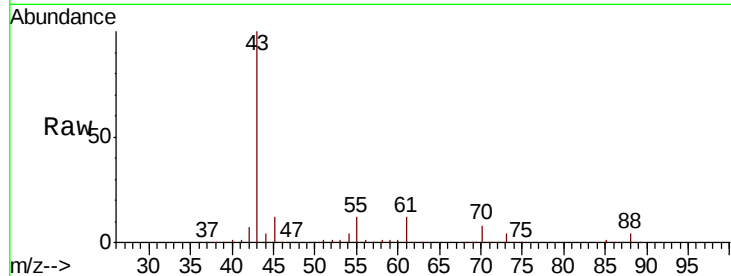
Tot Ion: 43 Resp: 325675

Ion Ratio Lower Upper

43 100

61 13.1 11.5 17.3

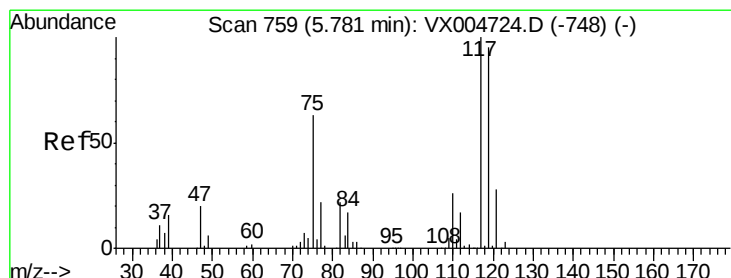
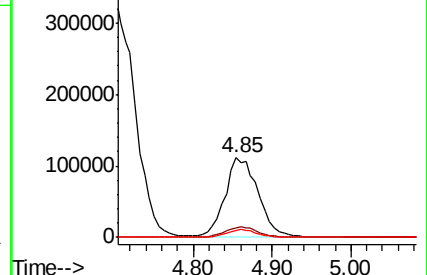
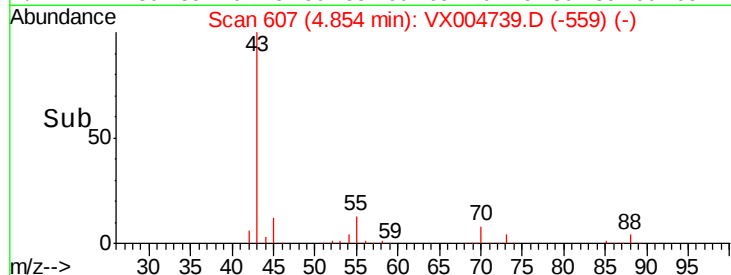
70 9.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX004739.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX004739.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX004739.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 49.162 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

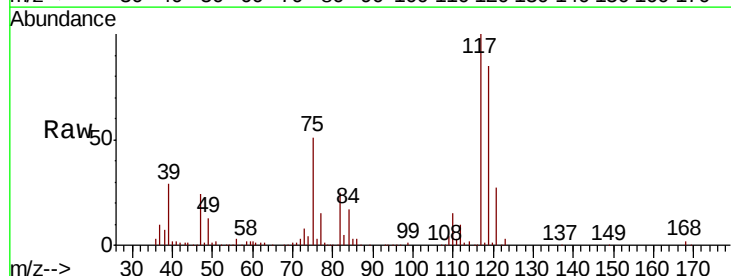
Tgt Ion: 117 Resp: 202439

Ion Ratio Lower Upper

117 100

119 84.7 78.8 118.2

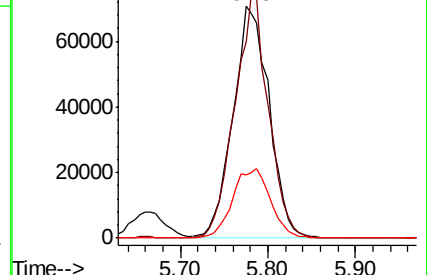
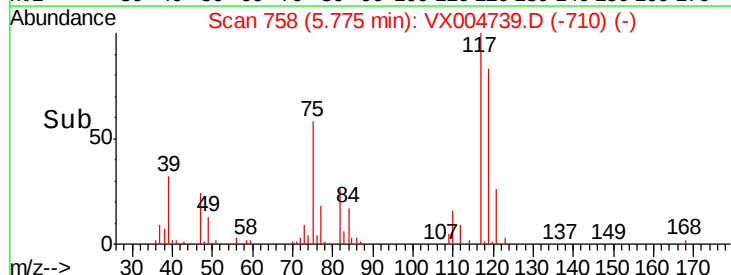
121 27.1 24.9 37.3

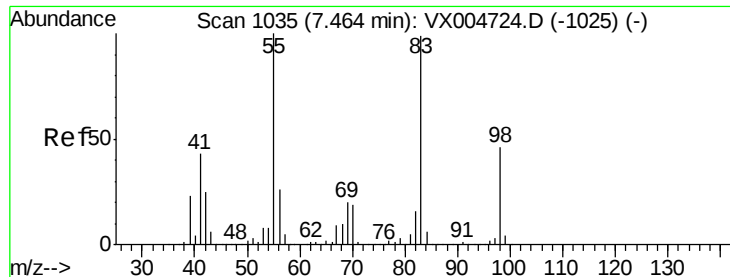


Abundance Ion 116.80 (116.50 to 117.50): VX004739.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX004739.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX004739.D (-710) (-)

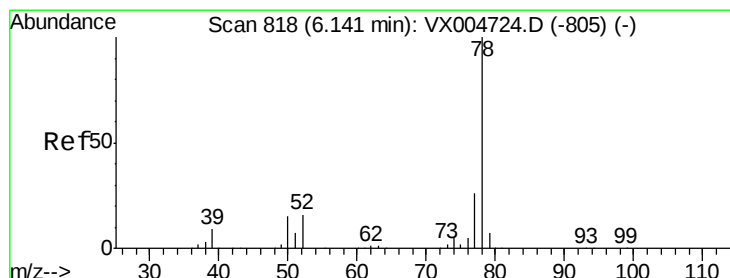
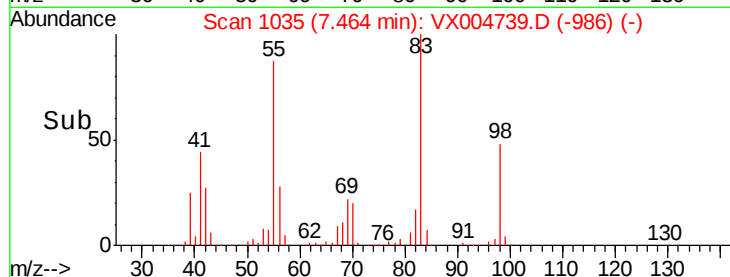
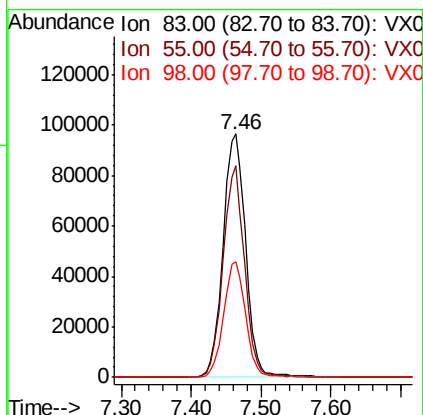
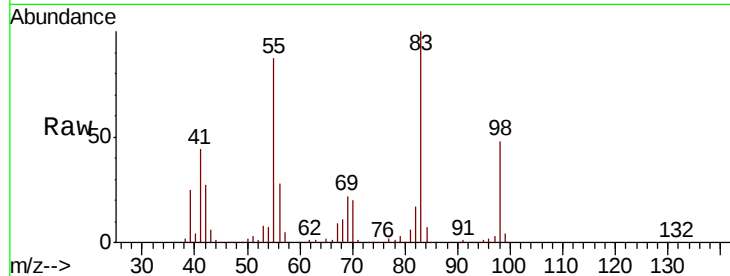




#39
Methvlcvclohexane
Concen: 54.307 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

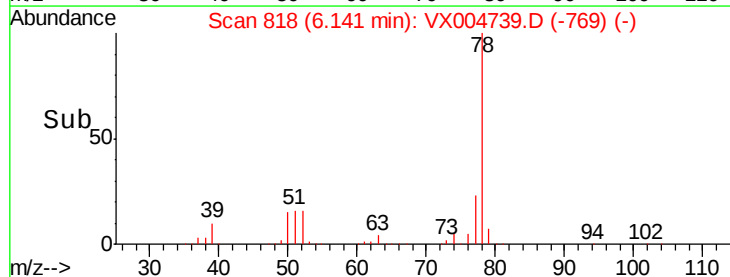
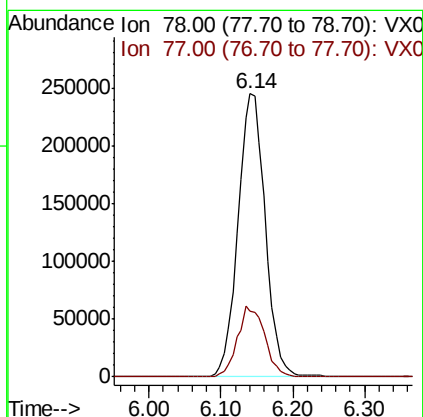
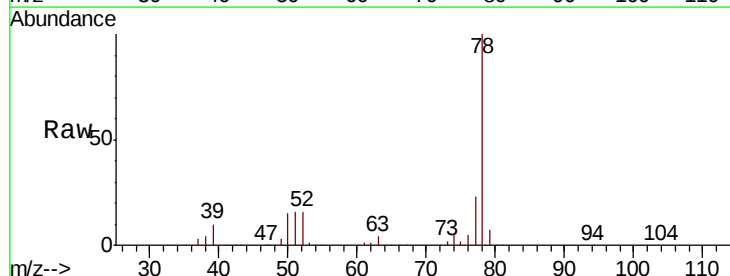
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

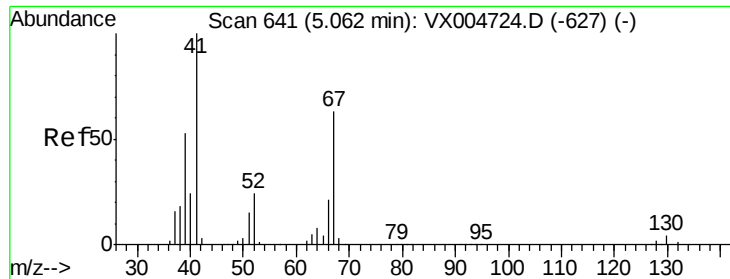
Tot Ion: 83 Resp: 217232
Ion Ratio Lower Upper
83 100
55 86.8 61.0 91.4
98 47.6 39.6 59.4



#40
Benzene
Concen: 52.436 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 78 Resp: 643074
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

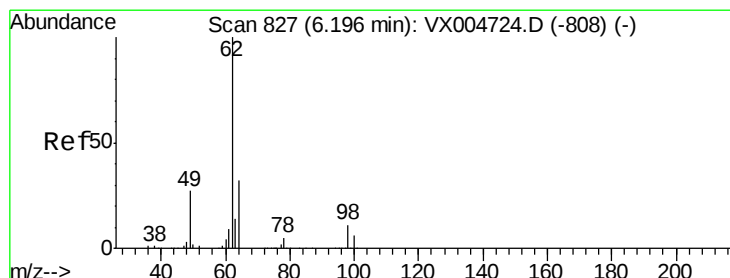
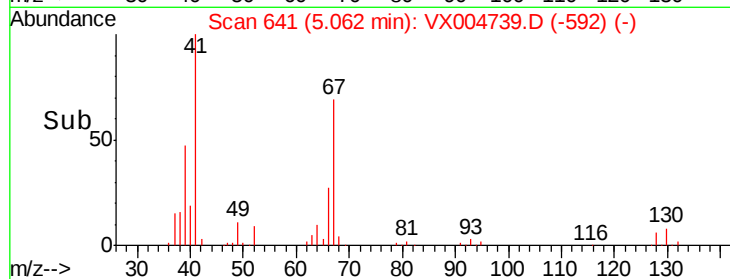
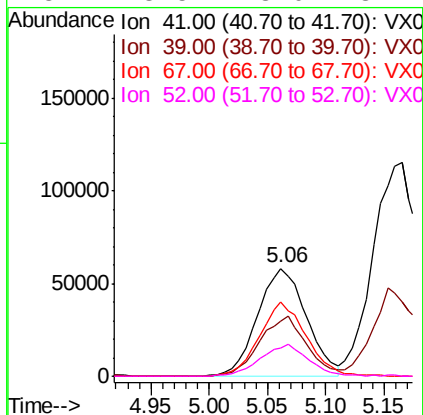
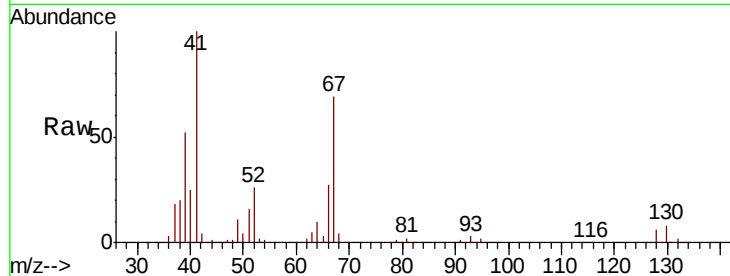




#41
Methacrylonitrile
Concen: 58.541 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

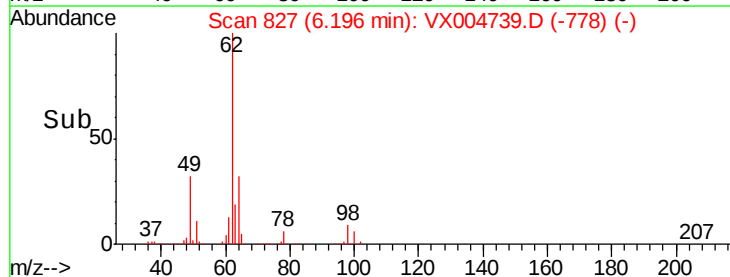
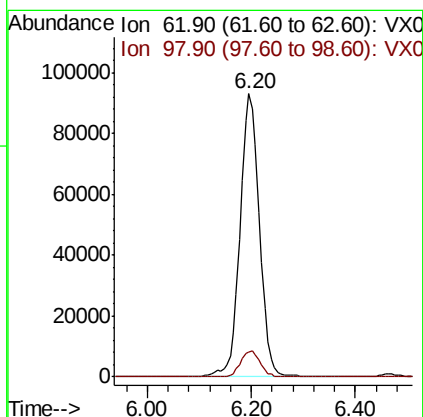
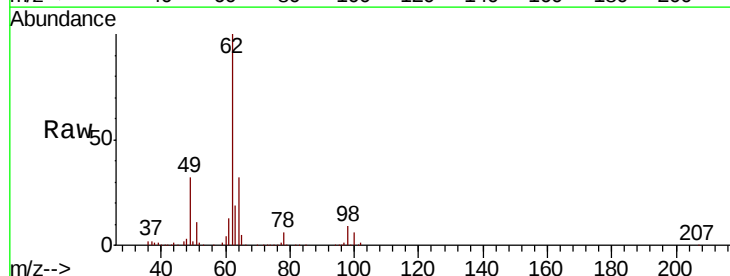
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

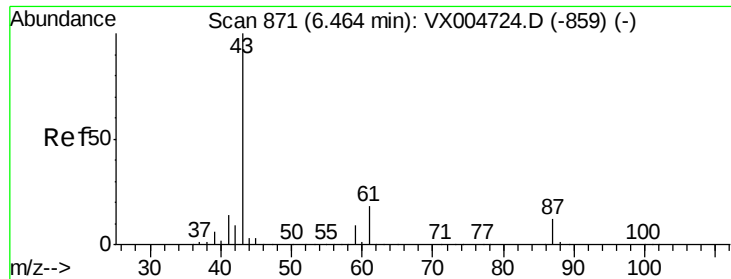
Tot Ion:	41	Resp:	168818
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	66.3	59.2	88.8
52	28.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 55.377 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:	62	Resp:	240084
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 60.367 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

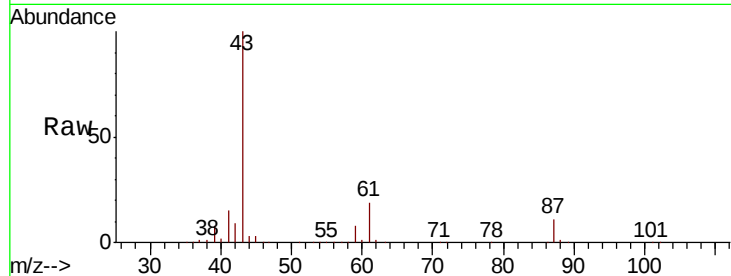
Tot Ion: 43 Resp: 453066

Ion Ratio Lower Upper

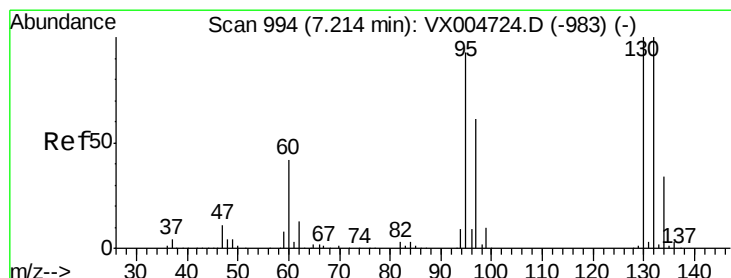
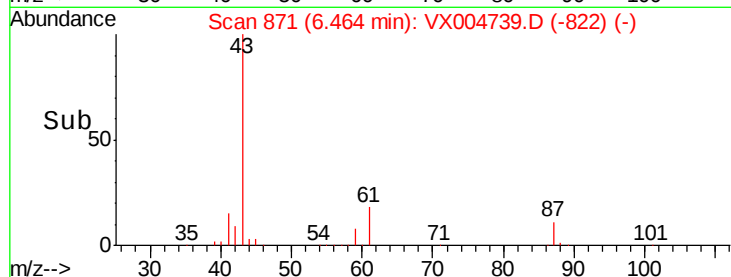
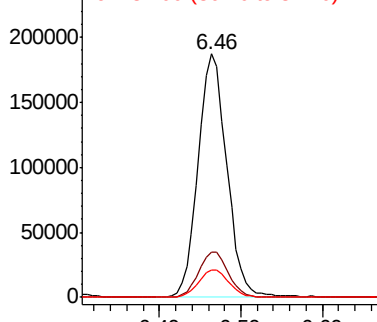
43 100

61 19.5 17.0 25.4

87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.389 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004739.D

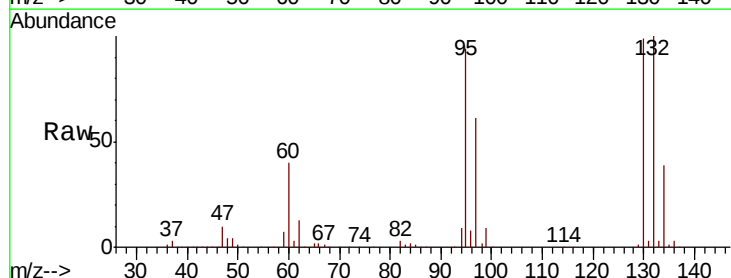
Acq: 26 Sep 2018 22:24

Tgt Ion:130 Resp: 154932

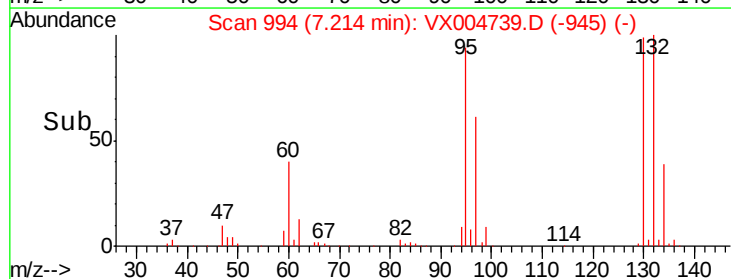
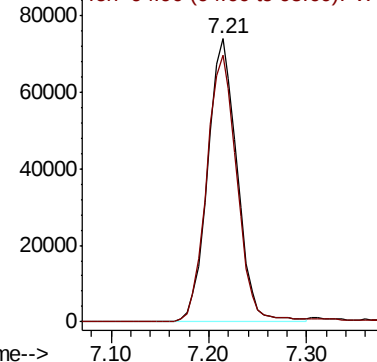
Ion Ratio Lower Upper

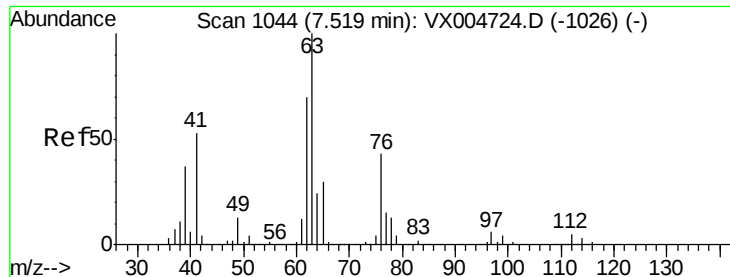
130 100

95 94.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.860 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

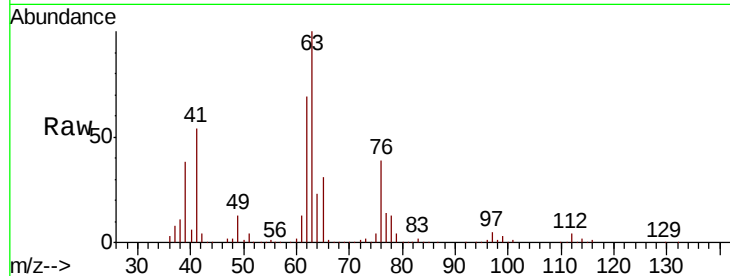
VSTDCCC050

Tot Ion: 63 Resp: 164991

Ion Ratio Lower Upper

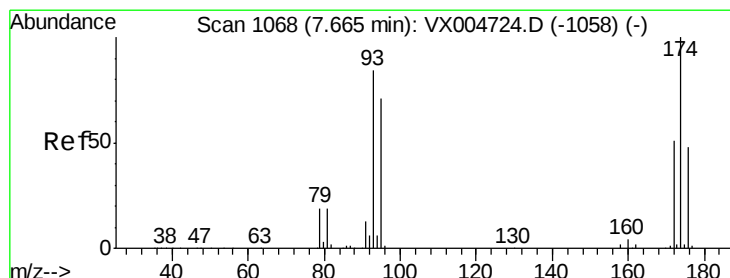
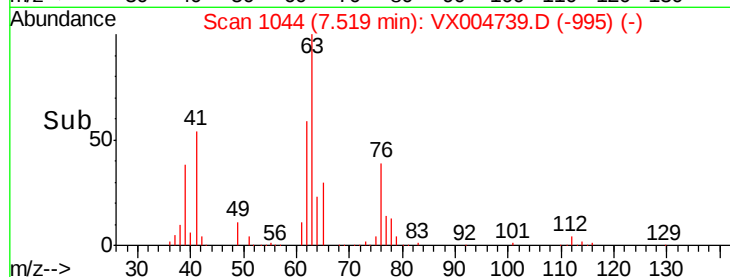
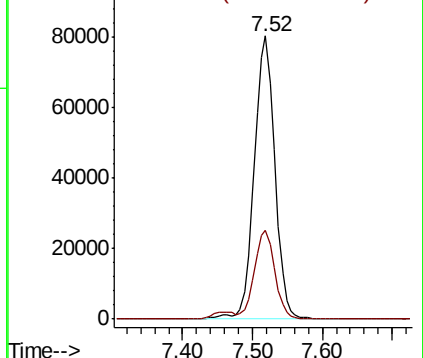
63 100

65 31.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.477 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

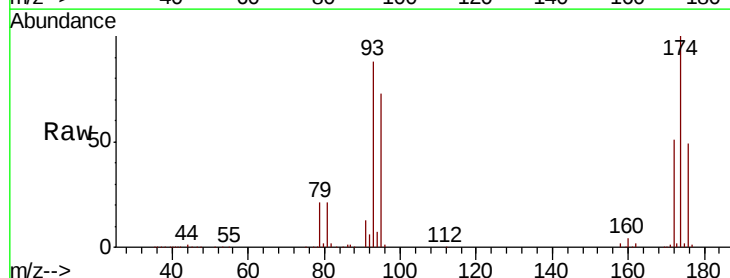
Tgt Ion: 93 Resp: 106747

Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

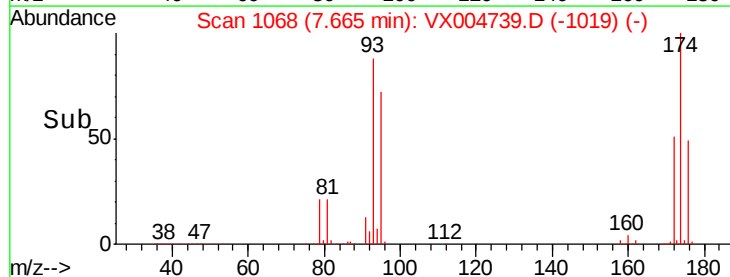
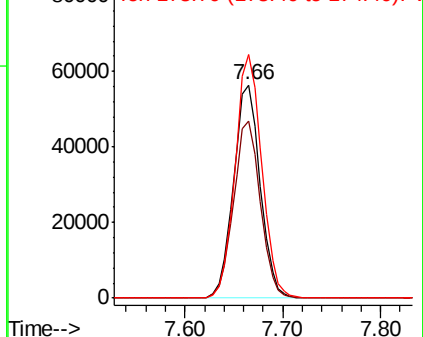
174 114.0 94.2 141.4

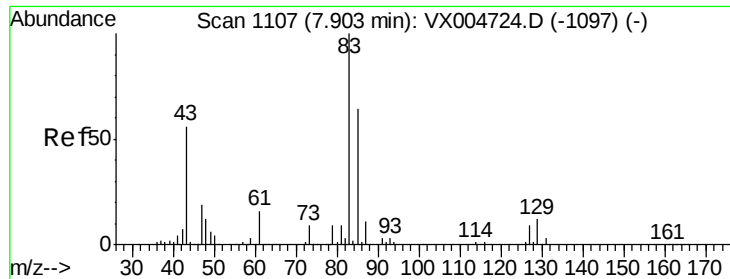


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.059 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

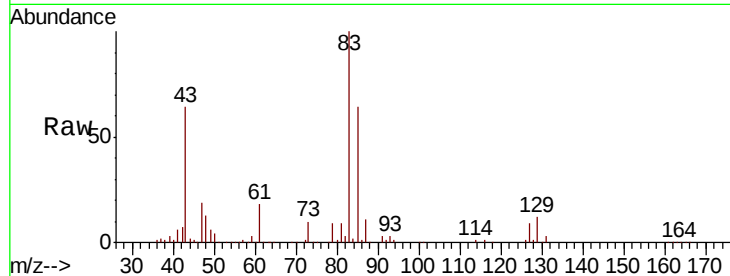
Tot Ion: 83 Resp: 201918

Ion Ratio Lower Upper

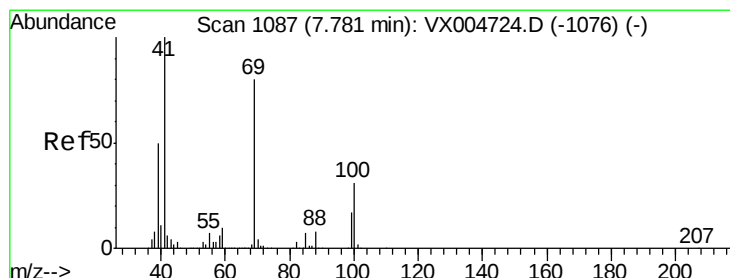
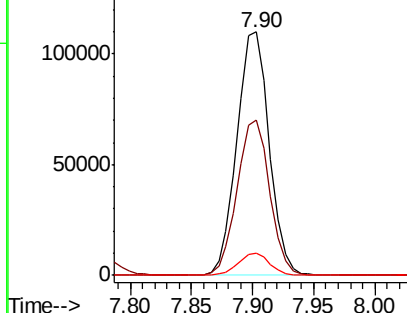
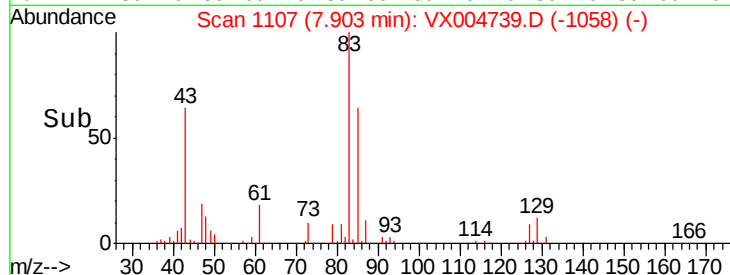
83 100

85 63.6 50.9 76.3

127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 64.110 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

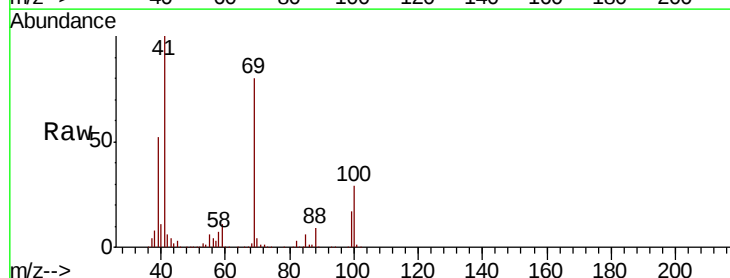
Tgt Ion: 41 Resp: 218394

Ion Ratio Lower Upper

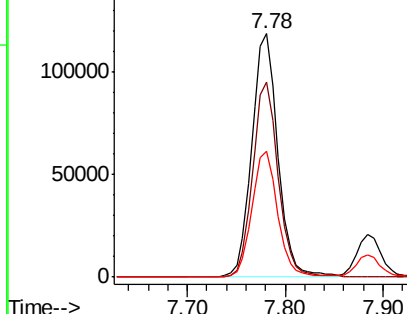
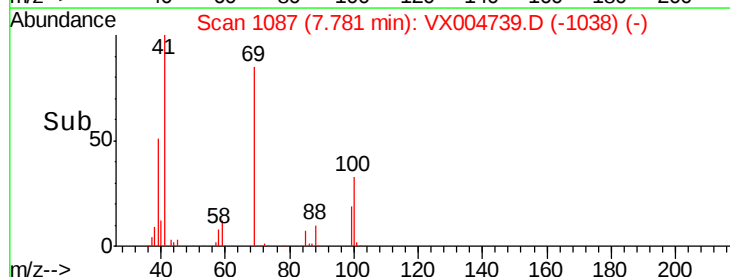
41 100

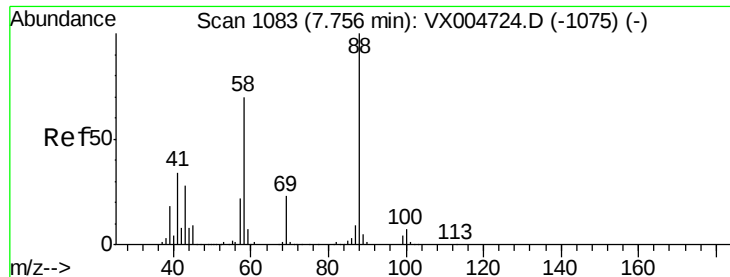
69 79.5 70.2 105.4

39 51.1 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1231.896 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

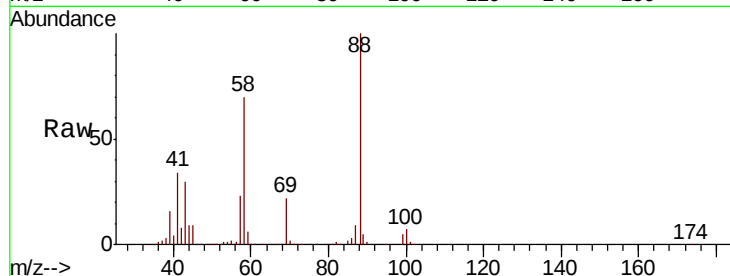
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 104257

Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.7	37.1
58	73.7	55.3	82.9

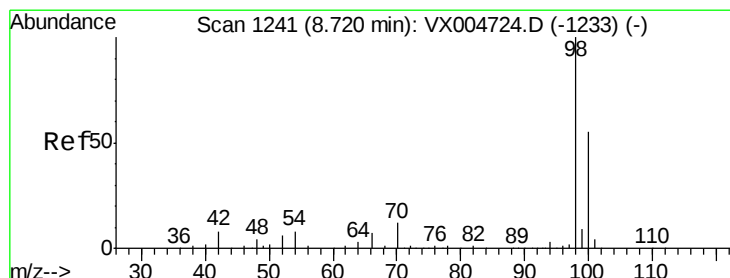
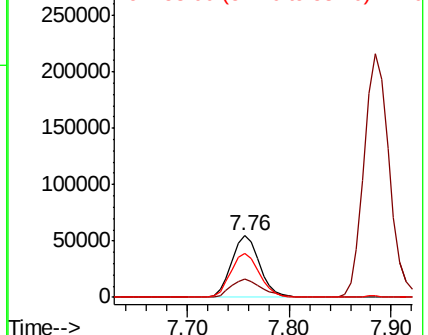
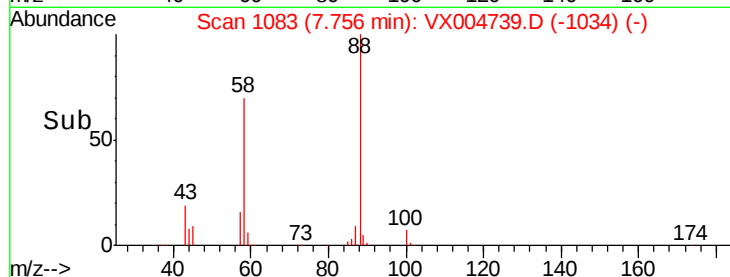


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.921 ug/l

RT: 8.72 min Scan# 1241

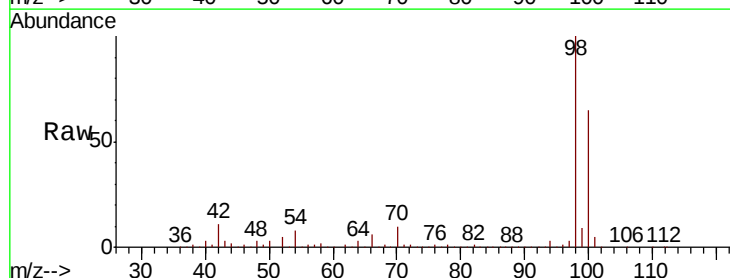
Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion: 98 Resp: 514682

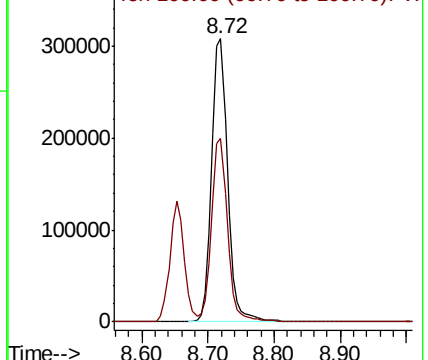
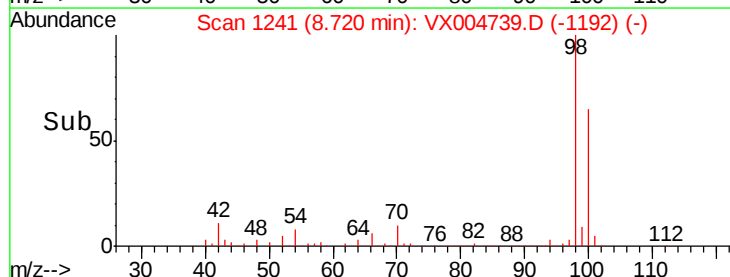
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3

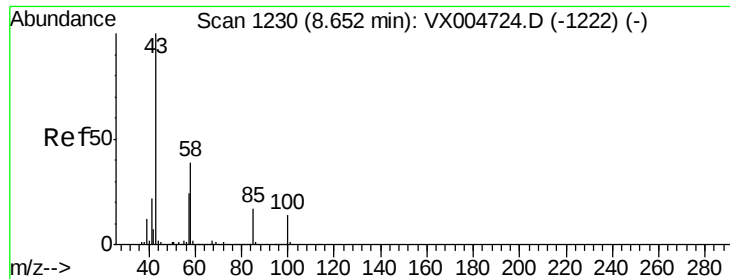


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 316.938 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

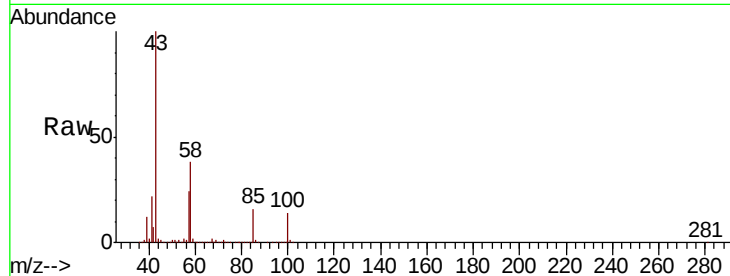
VSTDCCC050

Tot Ion: 43 Resp: 1497737

Ion Ratio Lower Upper

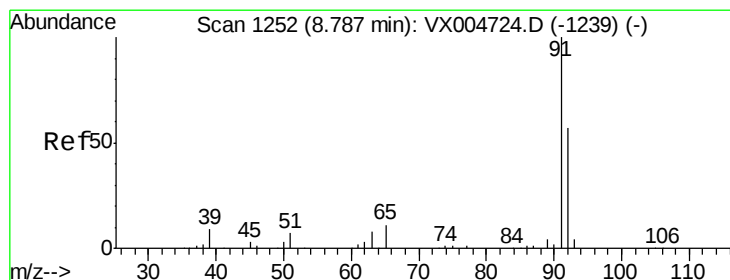
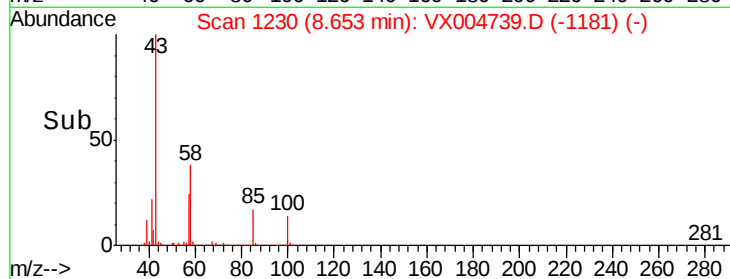
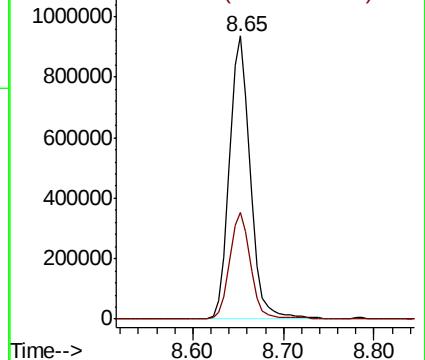
43 100

58 38.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.161 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004739.D

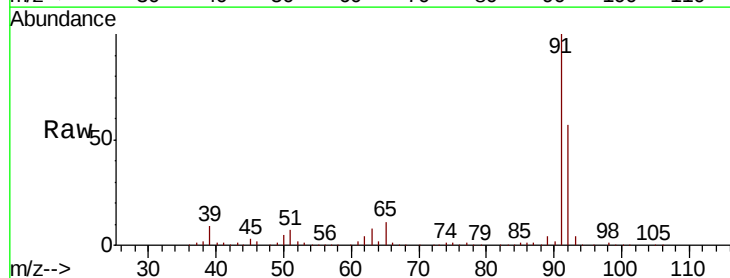
Acq: 26 Sep 2018 22:24

Tgt Ion: 92 Resp: 371720

Ion Ratio Lower Upper

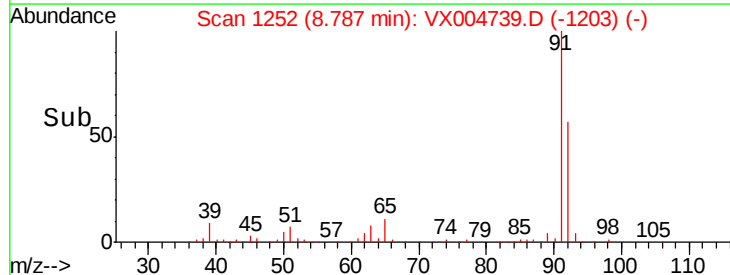
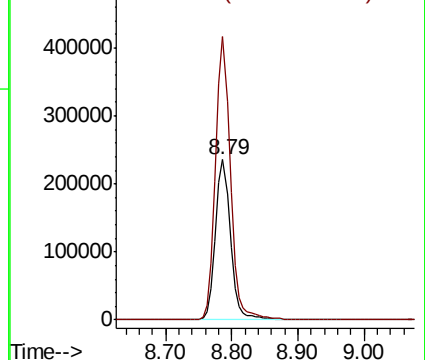
92 100

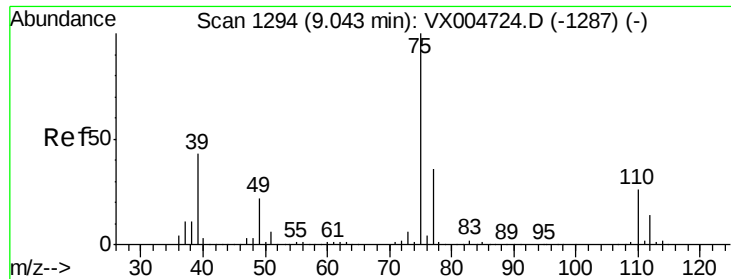
91 174.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

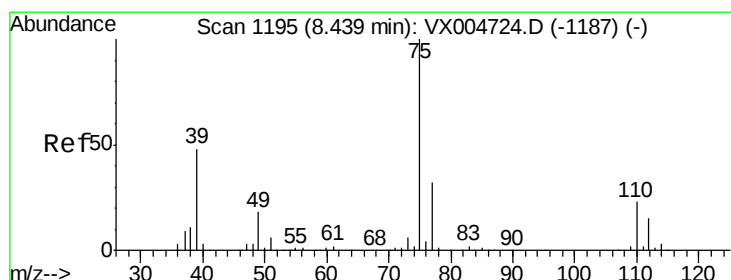
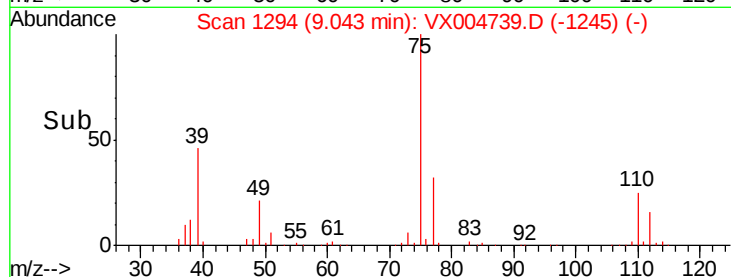
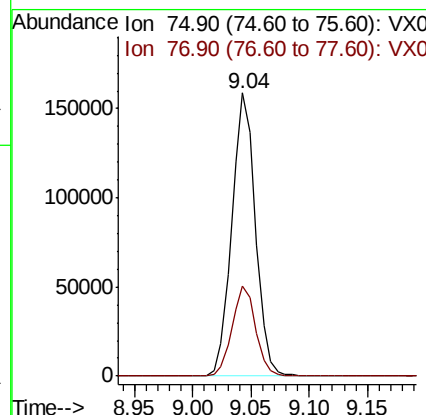
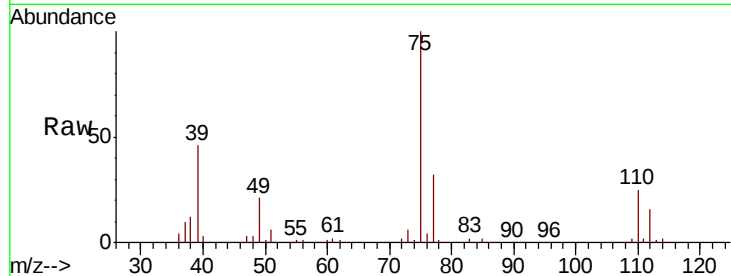




#53
 t-1,3-Dichloropropene
 Concen: 56.023 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

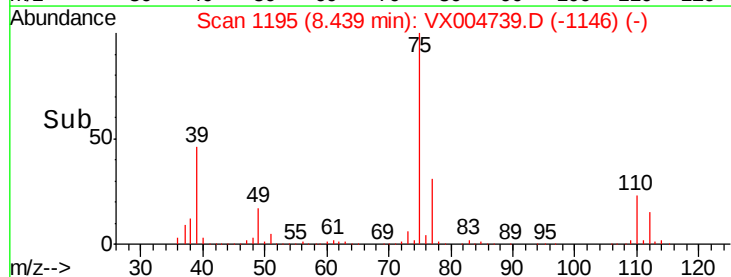
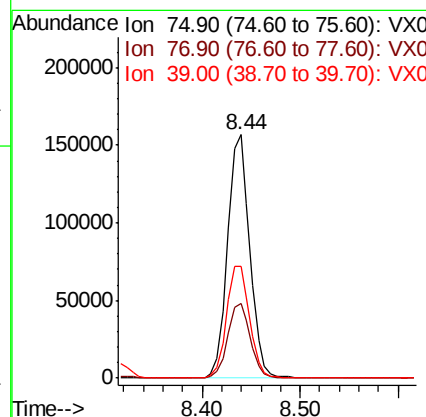
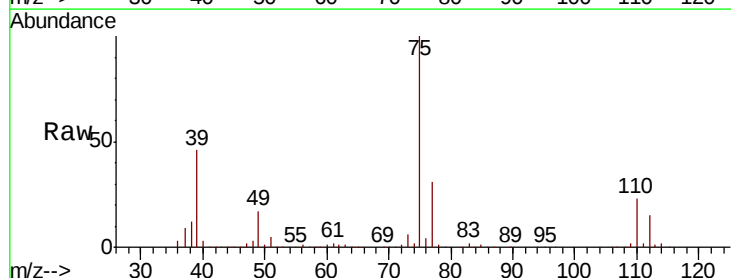
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

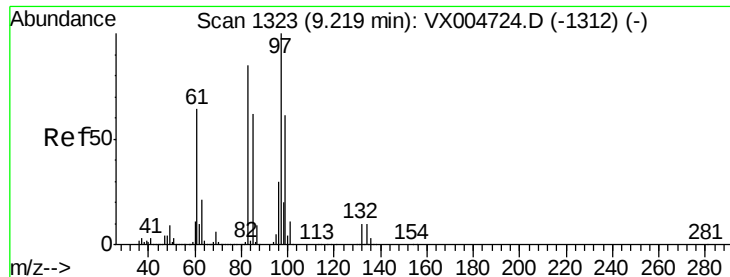
Tot Ion: 75 Resp: 224036
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.663 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 75 Resp: 245716
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2
 39 45.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 54.307 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 160306

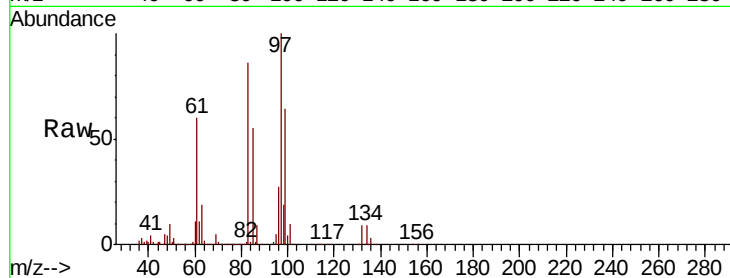
Ion Ratio Lower Upper

97 100

83 86.0 66.4 99.6

85 55.3 43.3 64.9

99 64.0 49.0 73.4

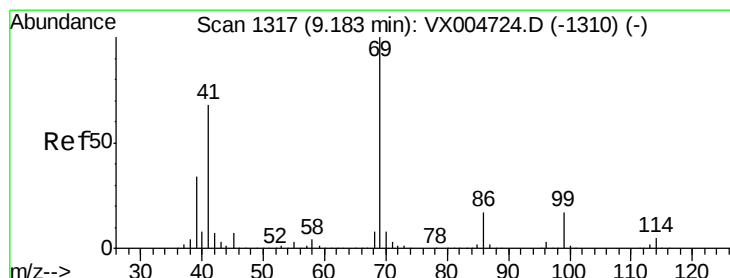
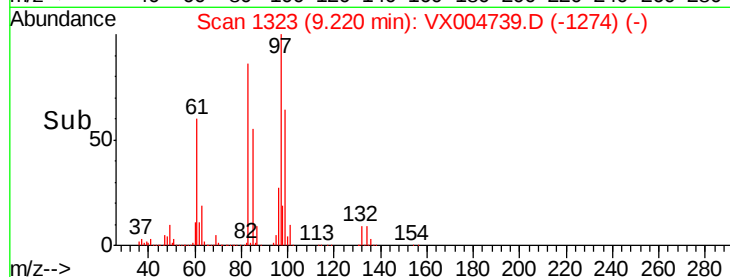
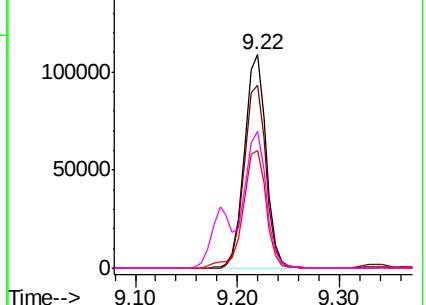


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.991 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

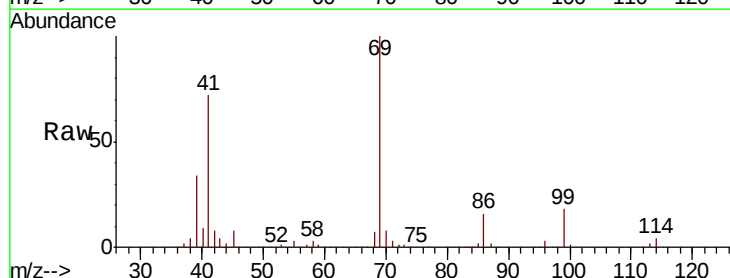
Tgt Ion: 69 Resp: 254700

Ion Ratio Lower Upper

69 100

41 69.9 51.0 76.4

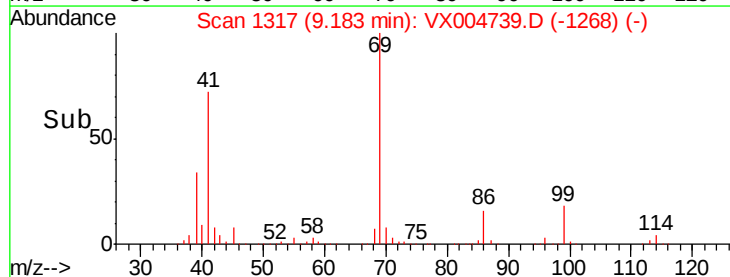
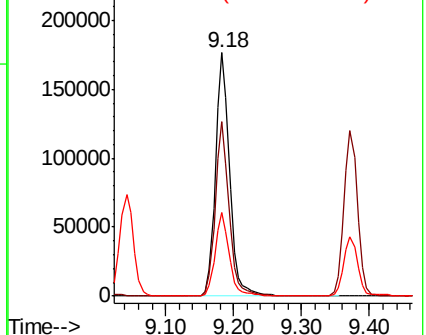
39 34.1 26.1 39.1

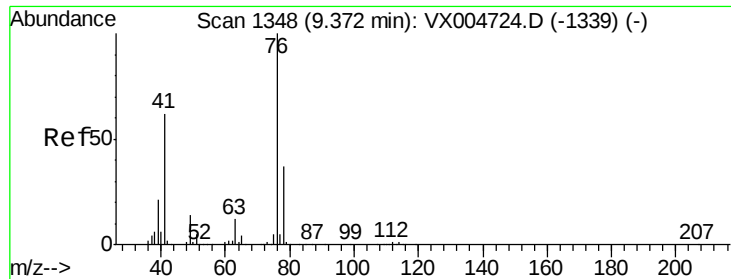


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.496 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

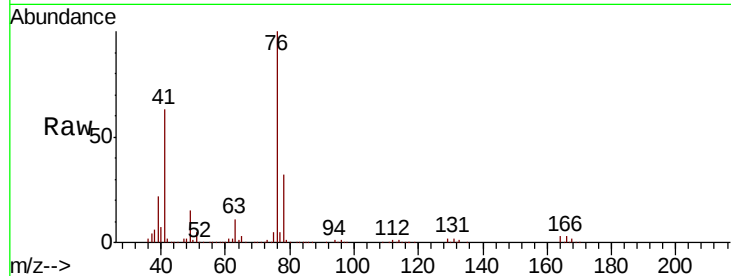
VSTDCCC050

Tot Ion: 76 Resp: 272641

Ion Ratio Lower Upper

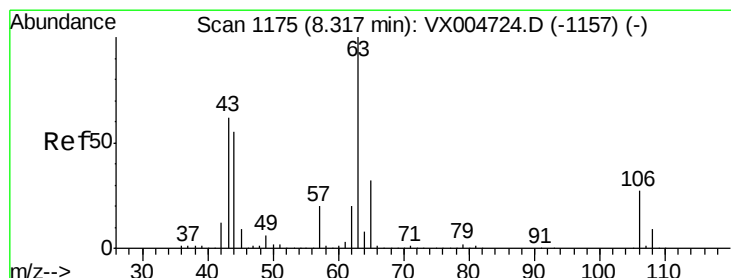
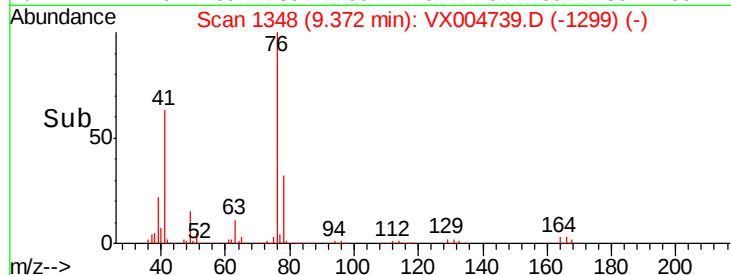
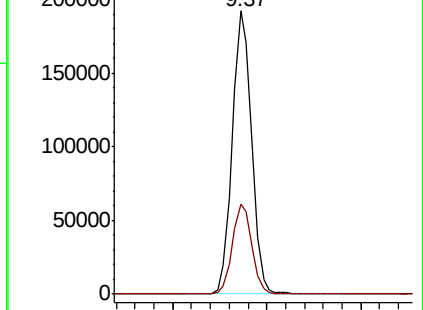
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 281.667 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004739.D

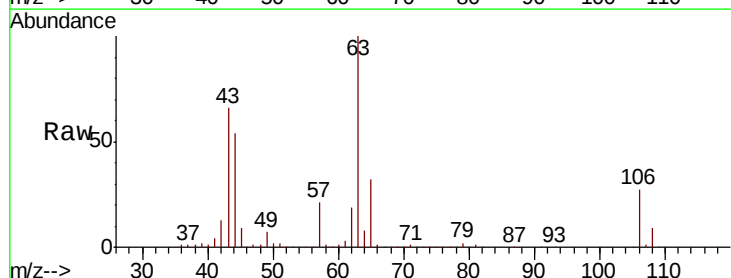
Acq: 26 Sep 2018 22:24

Tgt Ion: 63 Resp: 721267

Ion Ratio Lower Upper

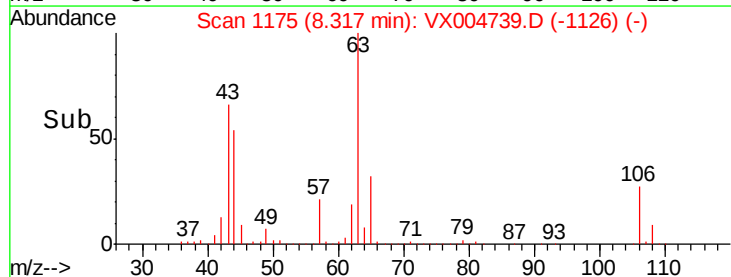
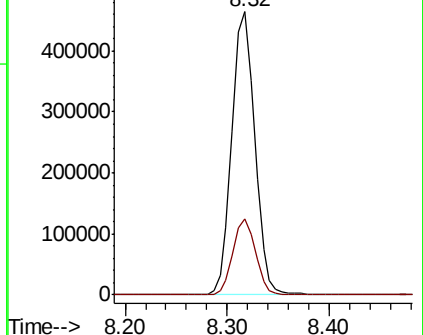
63 100

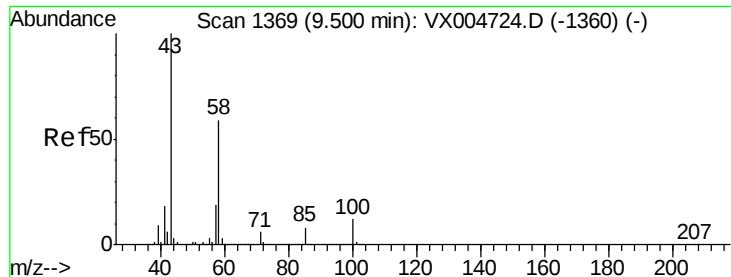
106 26.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

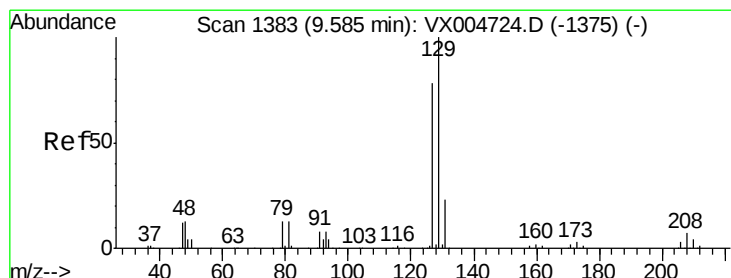
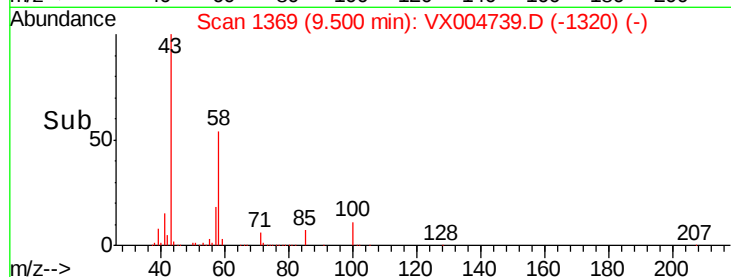
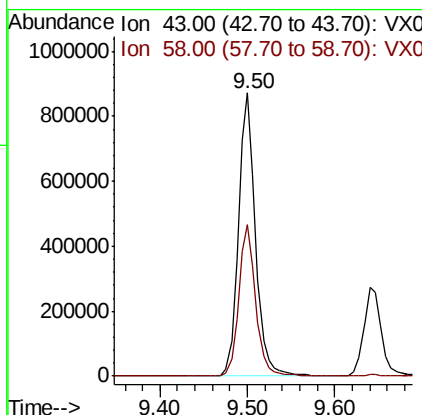
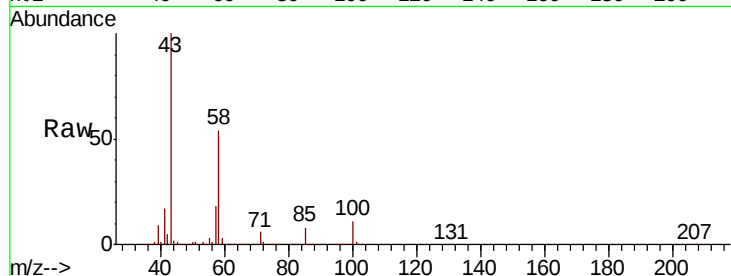




#59
2-Hexanone
Concen: 302.322 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

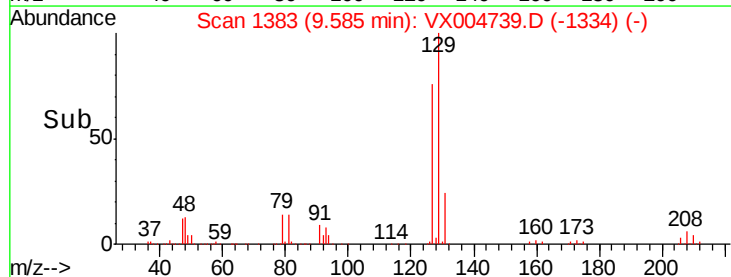
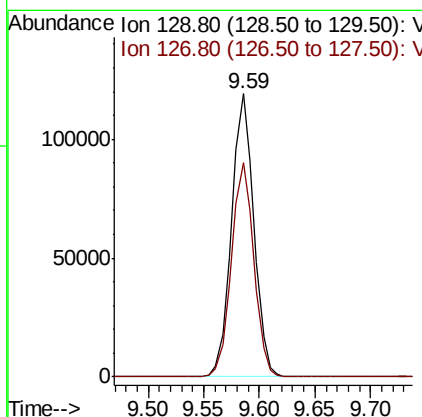
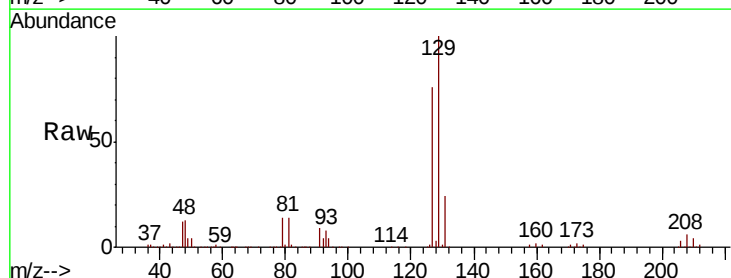
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

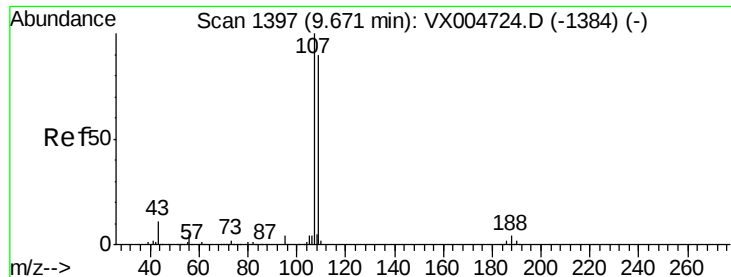
Tot Ion: 43 Resp: 1190537
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0



#60
Dibromochloromethane
Concen: 55.770 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 129 Resp: 164637
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.438 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

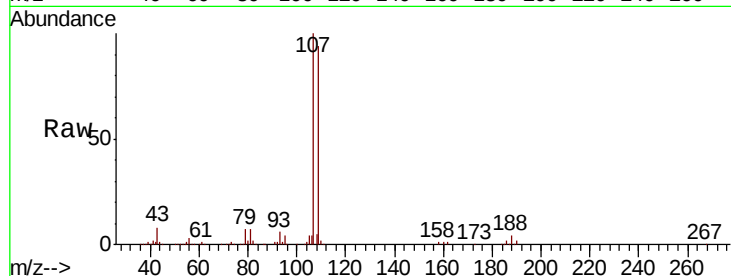
VSTDCCC050

Tot Ion:107 Resp: 168931

Ion Ratio Lower Upper

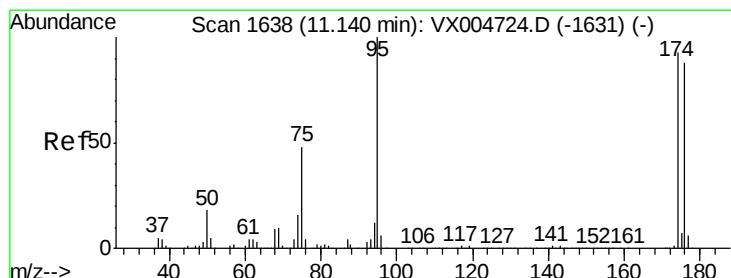
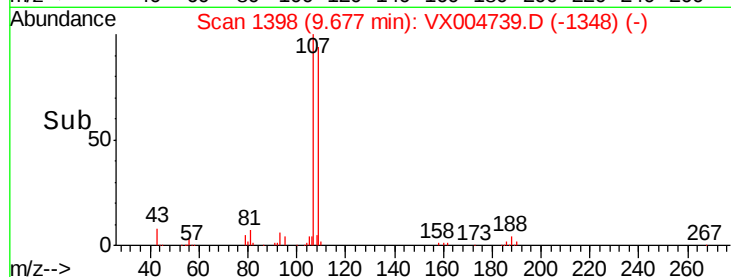
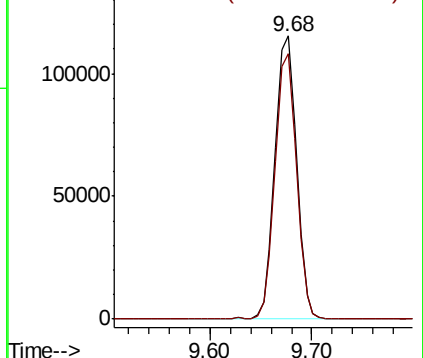
107 100

109 93.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.869 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

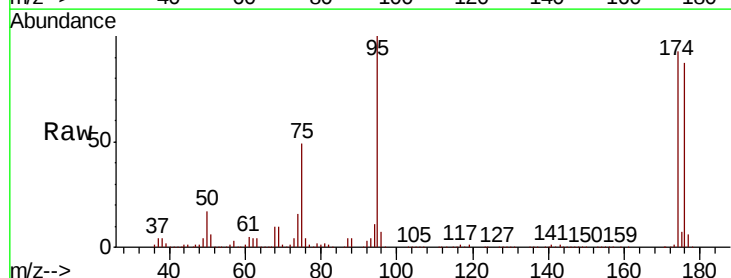
Tgt Ion: 95 Resp: 192118

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

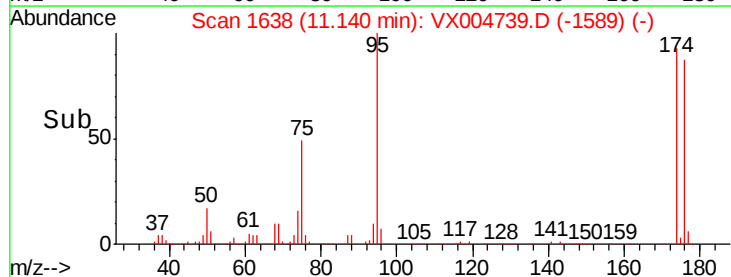
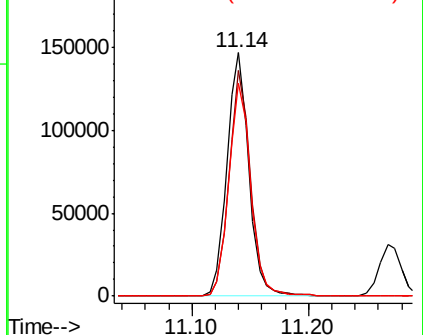
176 88.0 0.0 178.6

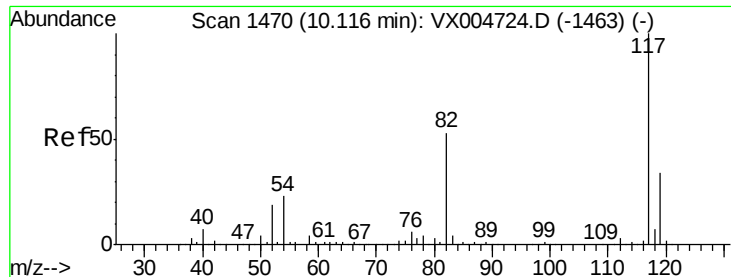


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

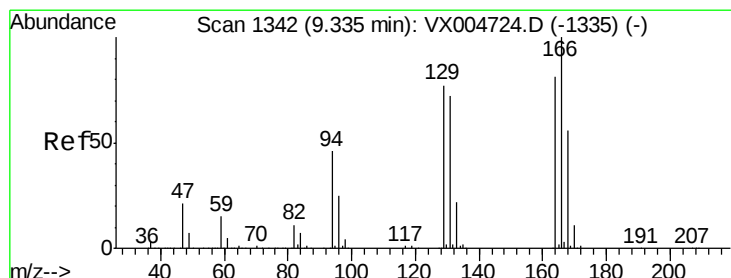
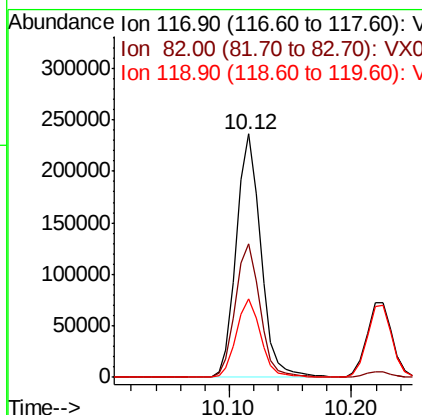
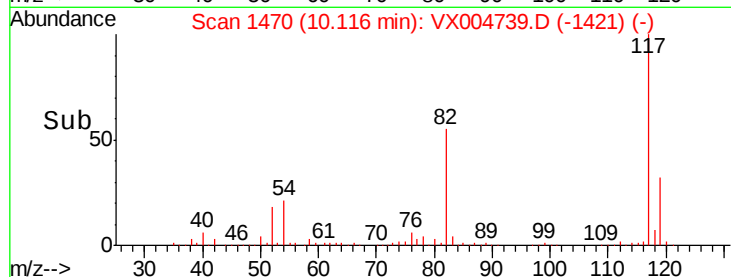
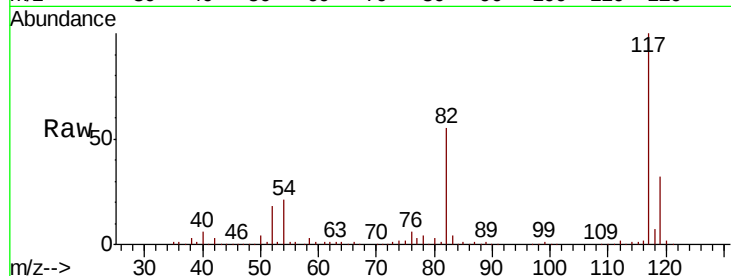




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

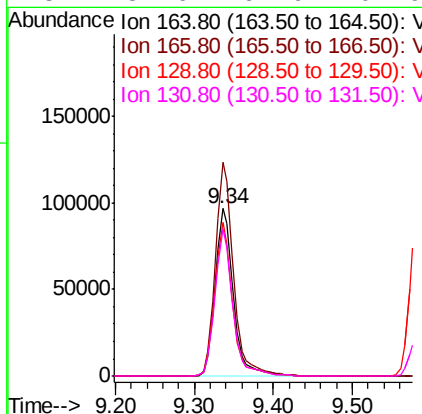
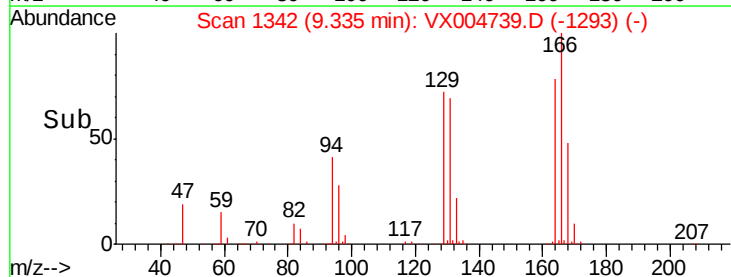
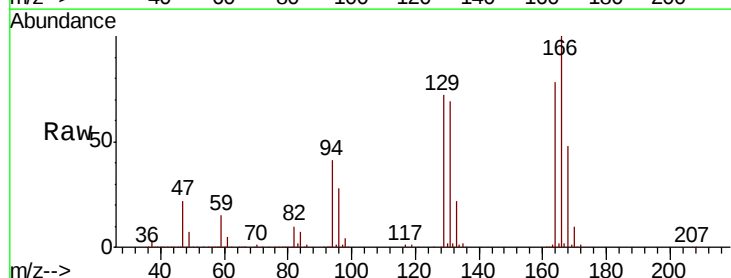
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

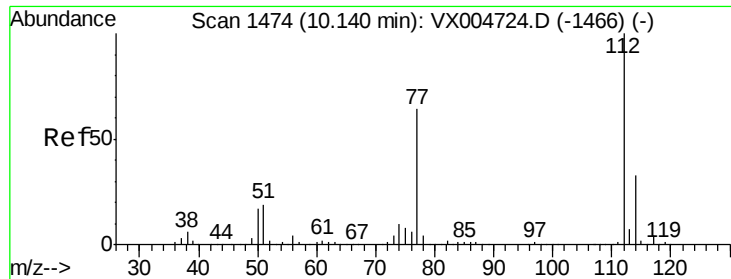
Tot Ion:117 Resp: 327140
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 32.1 29.3 43.9



#64
Tetrachloroethene
Concen: 48.369 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:164 Resp: 155738
Ion Ratio Lower Upper
164 100
166 127.5 102.8 154.2
129 91.5 69.4 104.0
131 87.6 67.9 101.9

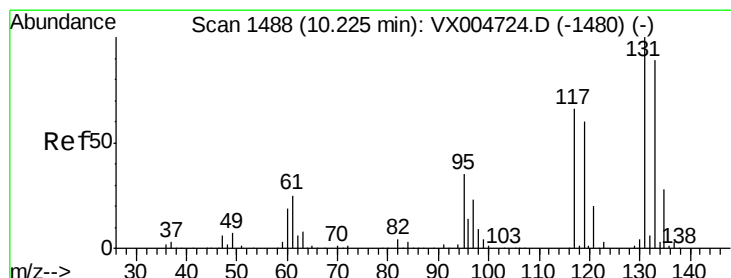
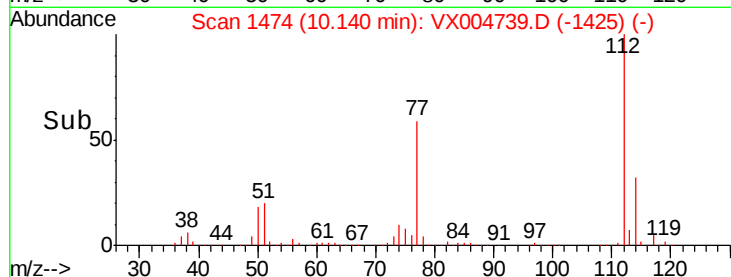
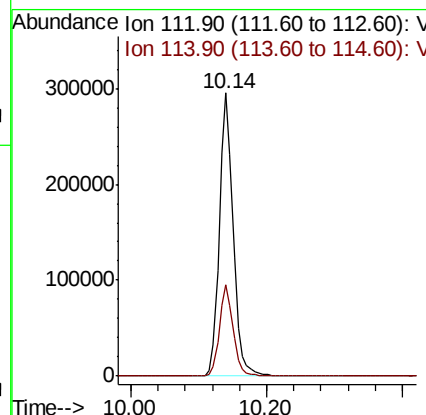
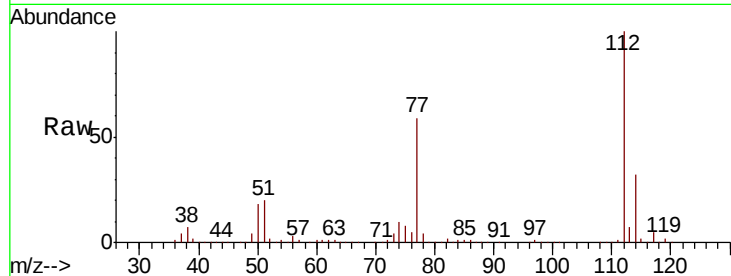




#65
Chlorobenzene
Concen: 49.552 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

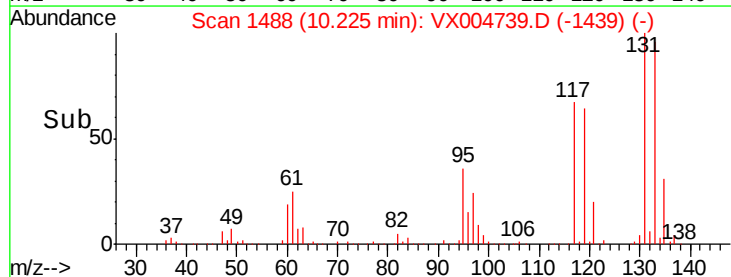
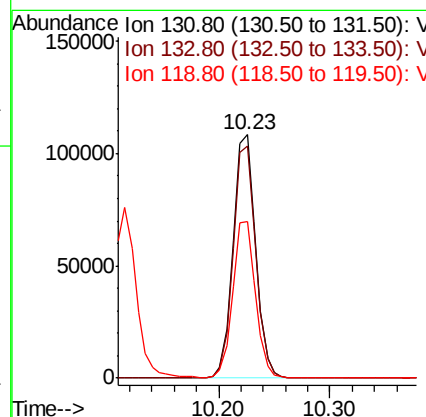
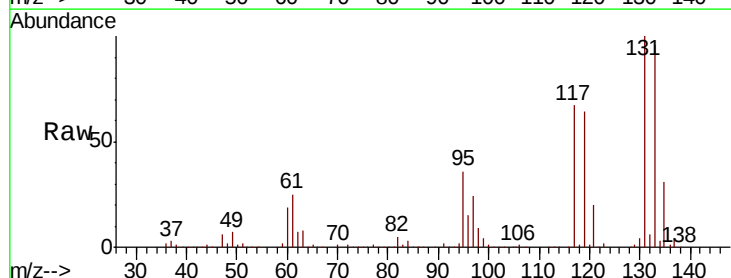
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

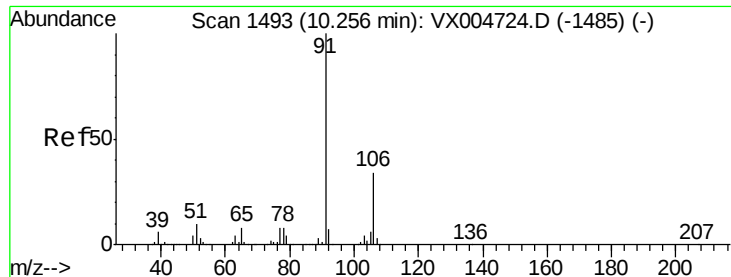
Tot Ion:112 Resp: 415684
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.308 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:131 Resp: 151315
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 64.9 32.9 98.6

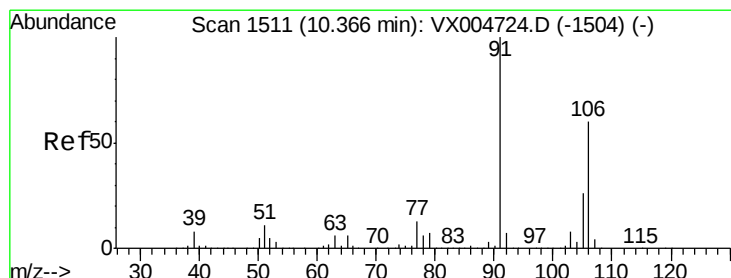
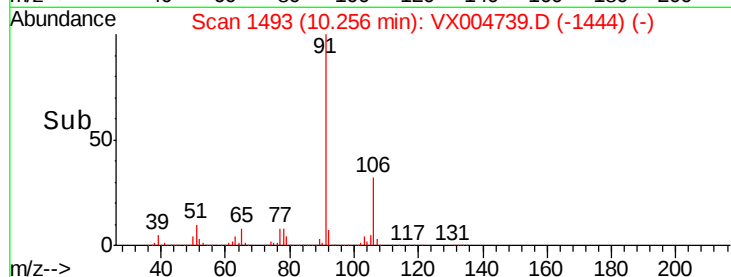
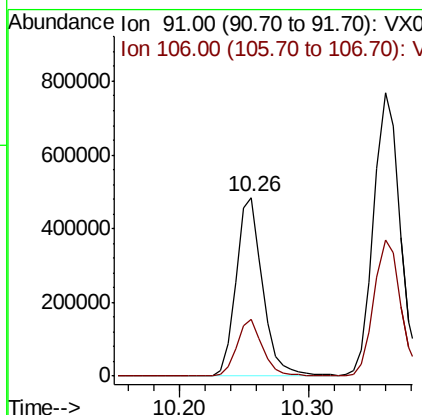
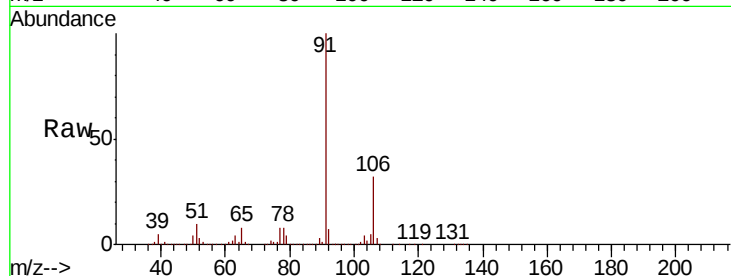




#67
Ethyl Benzene
Concen: 52.402 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

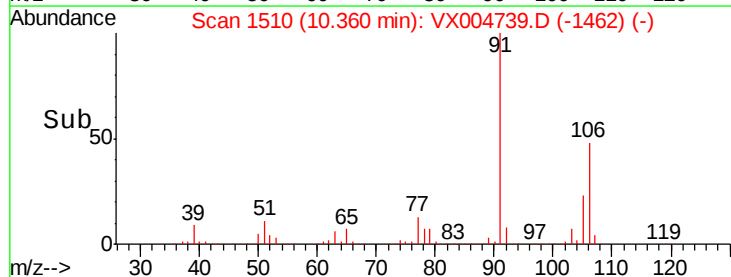
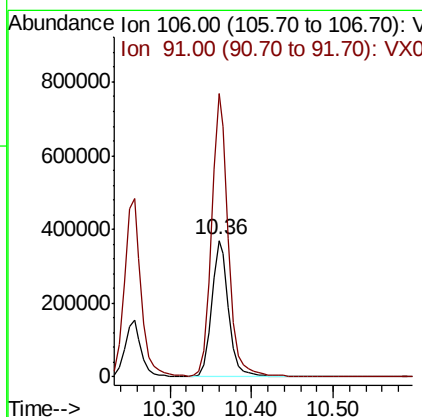
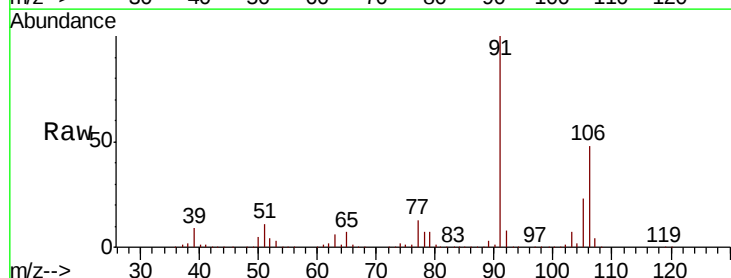
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

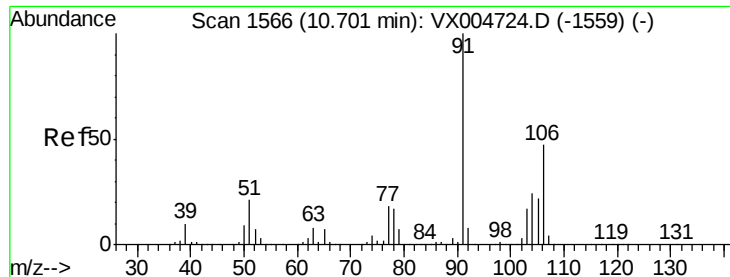
Tot Ion: 91 Resp: 697908
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9



#68
m/p-Xylenes
Concen: 104.206 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 106 Resp: 542330
Ion Ratio Lower Upper
106 100
91 205.7 157.1 235.7

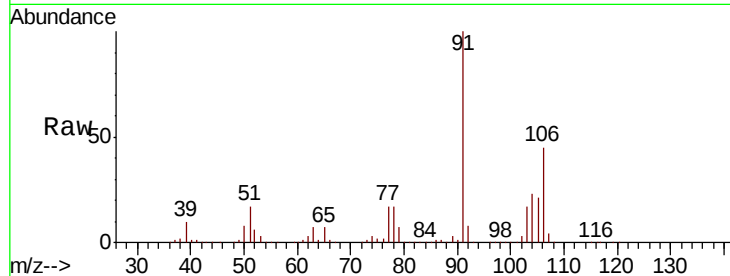




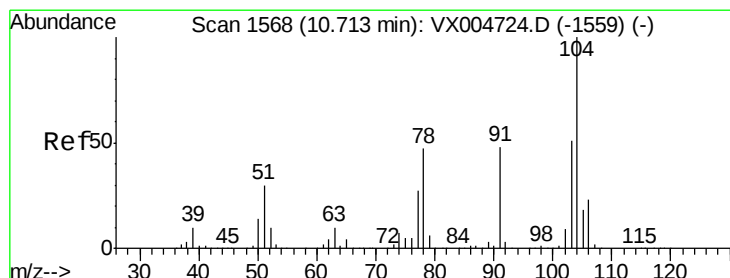
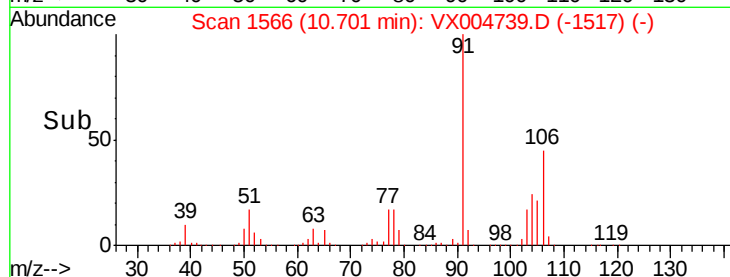
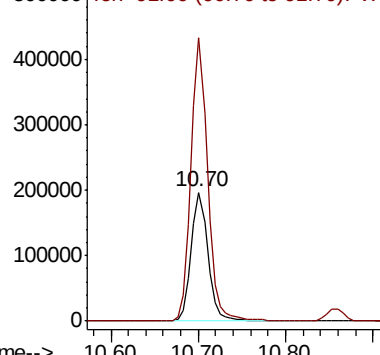
#69
o-Xylene
Concen: 54.829 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 262095
Ion Ratio Lower Upper
106 100
91 216.8 105.1 315.1

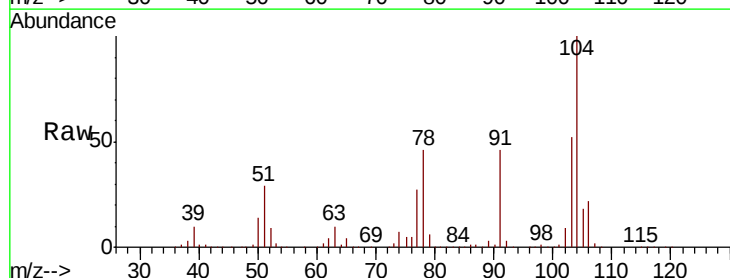


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

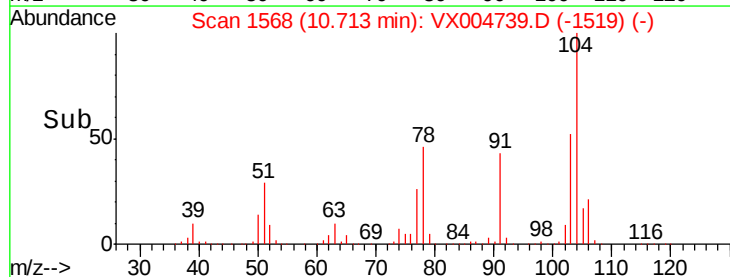
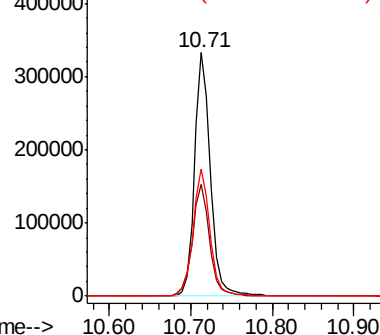


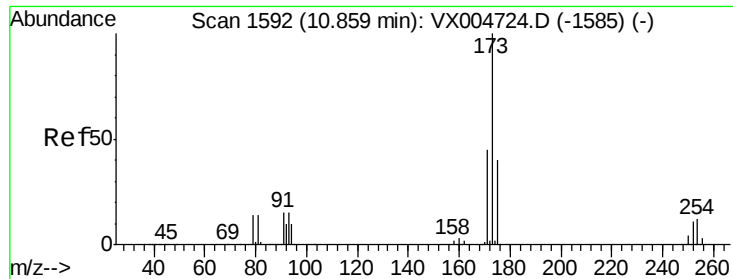
#70
Styrene
Concen: 50.451 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:104 Resp: 451234
Ion Ratio Lower Upper
104 100
78 50.2 37.4 56.0
103 56.0 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.490 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

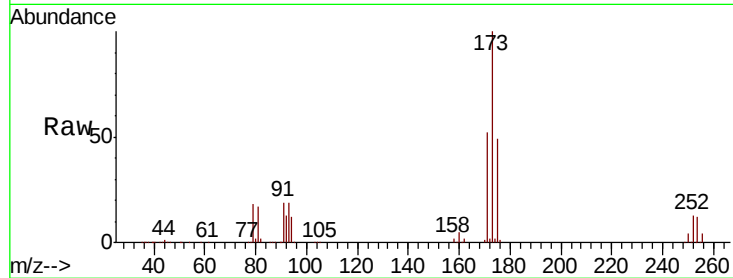
Tot Ion:173 Resp: 135053

Ion Ratio Lower Upper

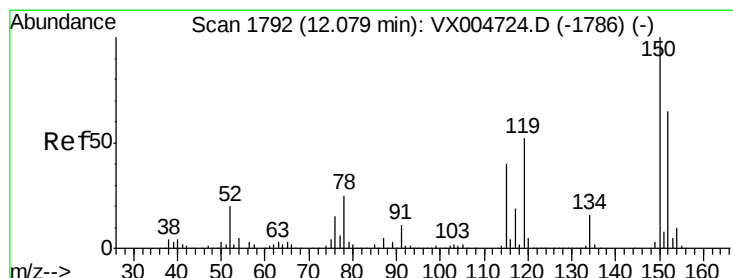
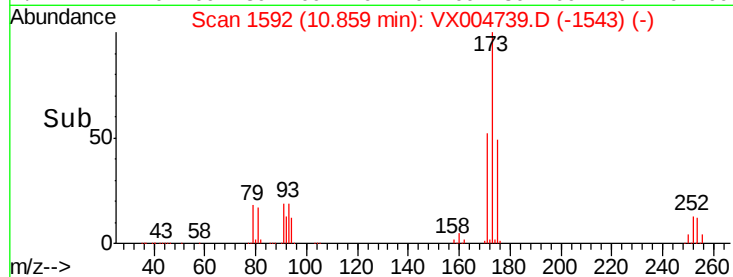
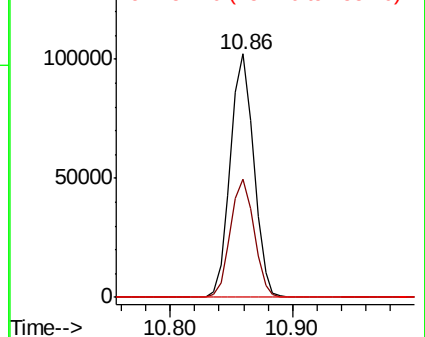
173 100

175 49.1 24.1 72.3

254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

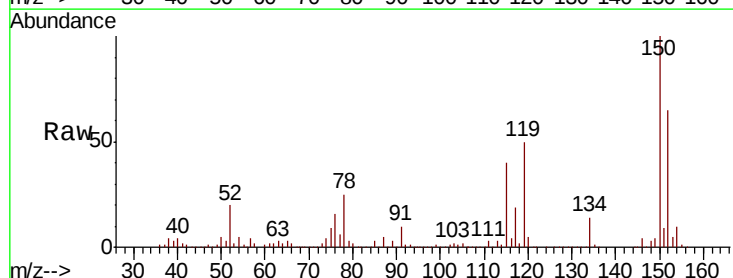
Tgt Ion:152 Resp: 201128

Ion Ratio Lower Upper

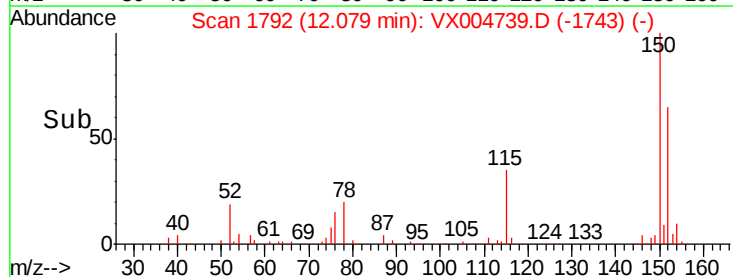
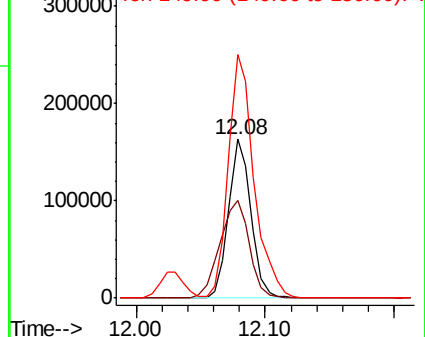
152 100

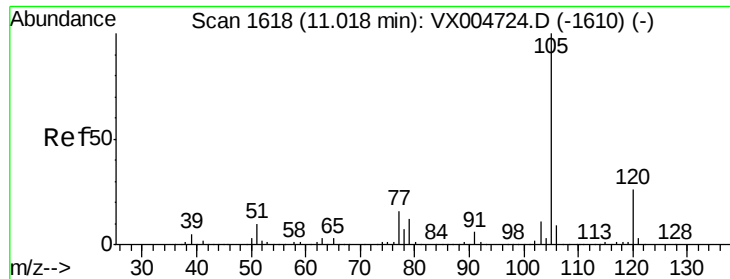
115 79.5 39.0 117.0

150 175.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.347 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

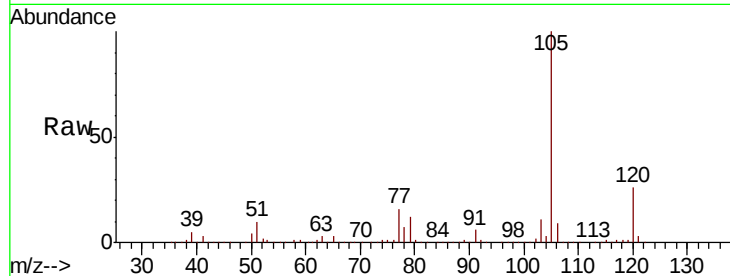
VSTDCCC050

Tot Ion: 105 Resp: 688975

Ion Ratio Lower Upper

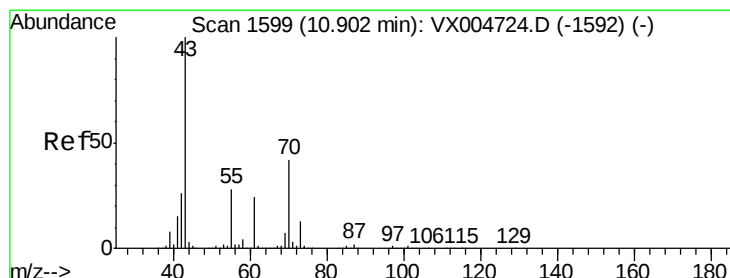
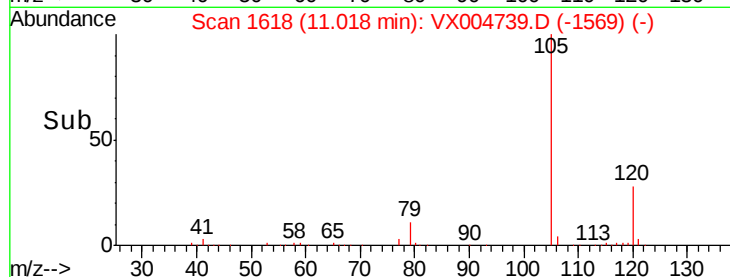
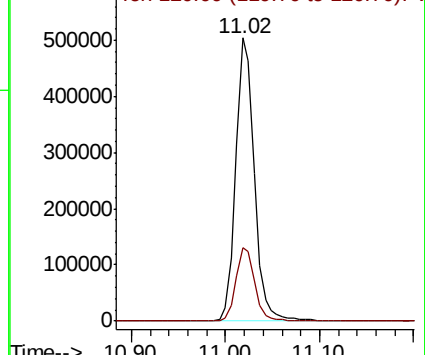
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.294 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Tgt Ion: 43 Resp: 364962

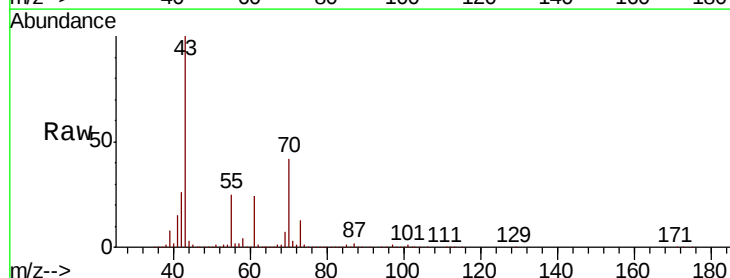
Ion Ratio Lower Upper

43 100

70 40.8 37.4 56.0

55 25.7 21.8 32.8

61 23.9 20.6 30.8

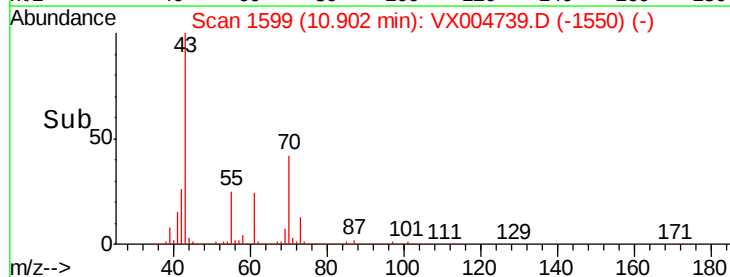
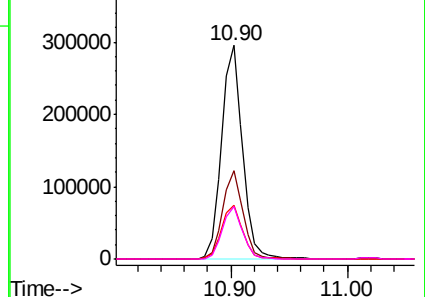


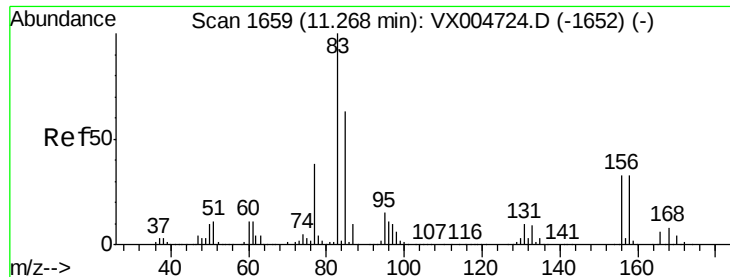
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

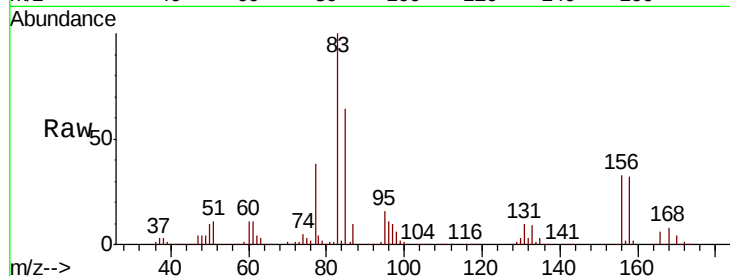
Tot Ion: 83 Resp: 268365

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

250000

200000

150000

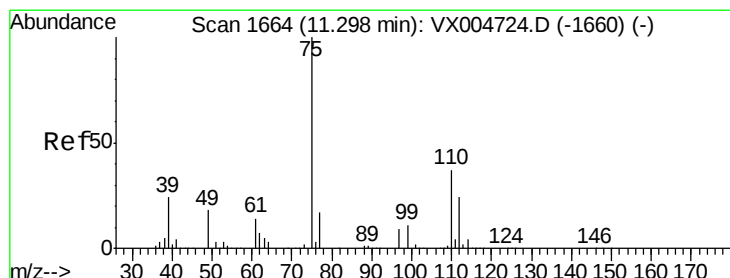
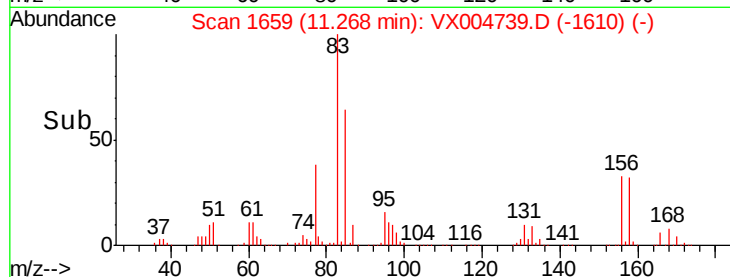
100000

50000

0

Time-->

11.20 11.30 11.40



#76

1,2,3-Trichloropropane

Concen: 68.427 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004739.D

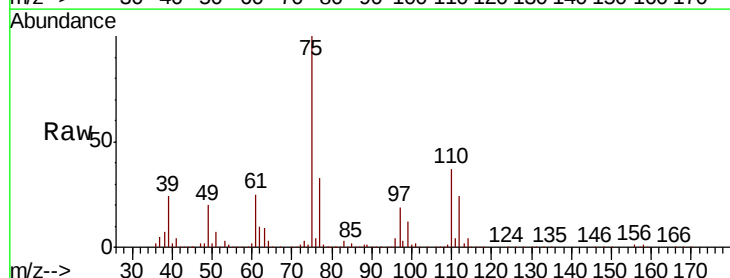
Acq: 26 Sep 2018 22:24

Tgt Ion: 75 Resp: 308471

Ion Ratio Lower Upper

75 100

77 33.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

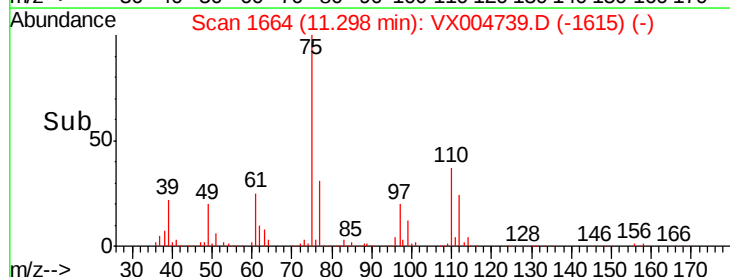
100000

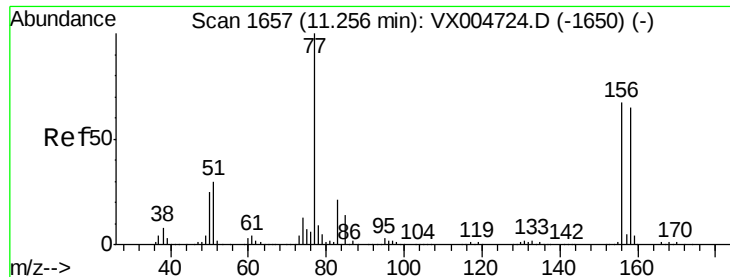
50000

0

Time-->

11.25 11.30 11.35





#77

Bromobenzene

Concen: 52.757 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

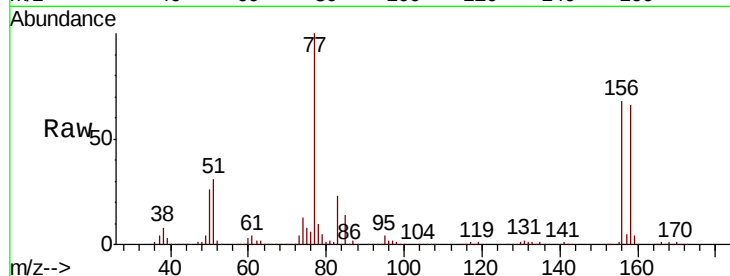
Tot Ion:156 Resp: 194264

Ion Ratio Lower Upper

156 100

77 147.0 71.5 214.3

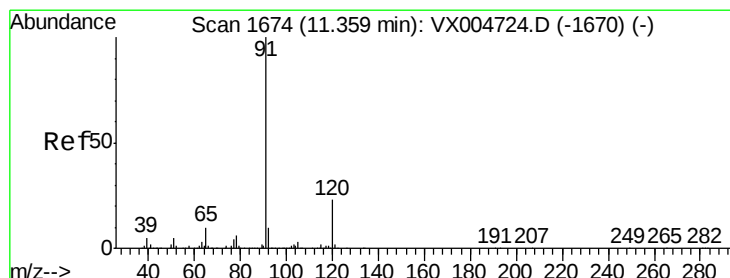
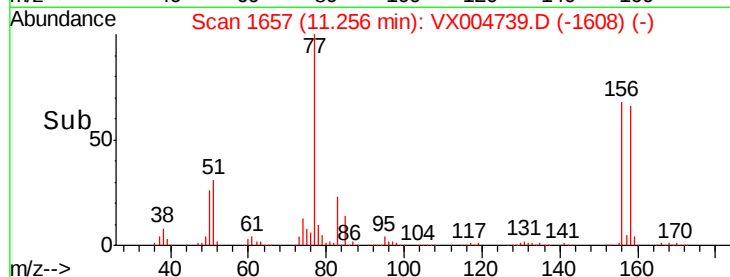
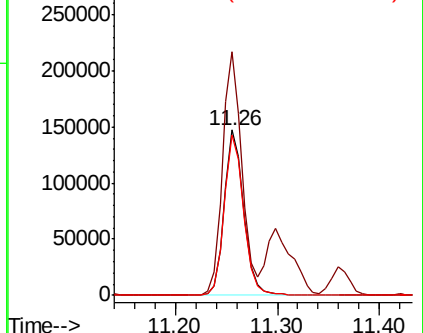
158 97.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.399 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004739.D

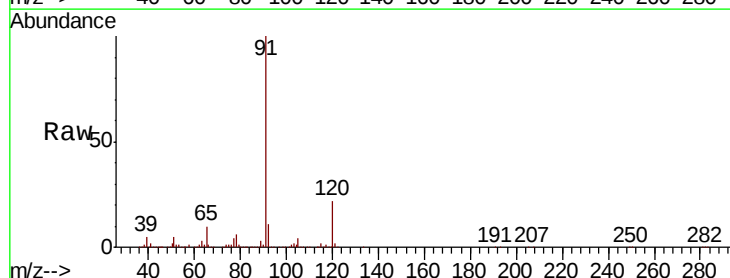
Acq: 26 Sep 2018 22:24

Tgt Ion: 91 Resp: 791276

Ion Ratio Lower Upper

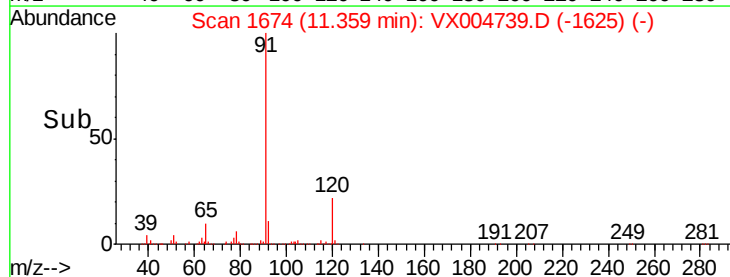
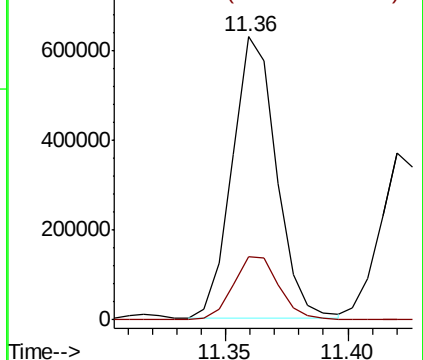
91 100

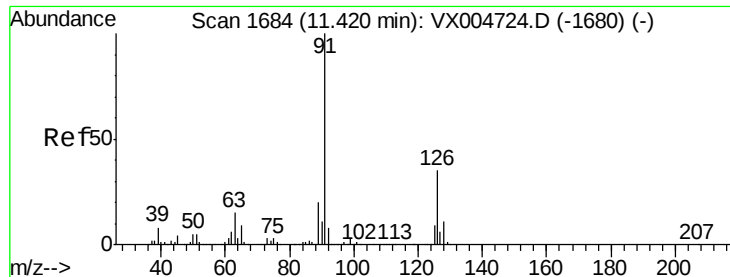
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.051 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

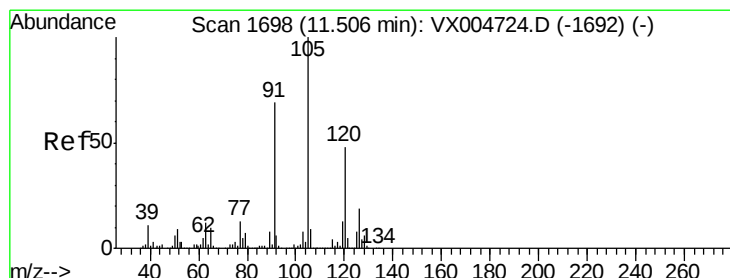
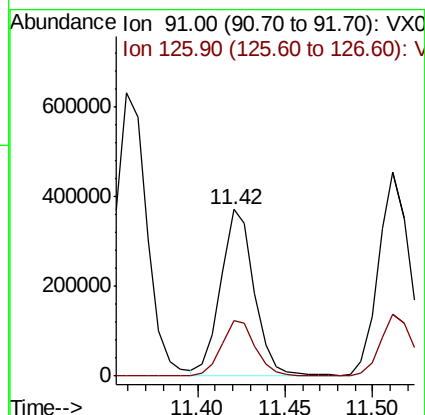
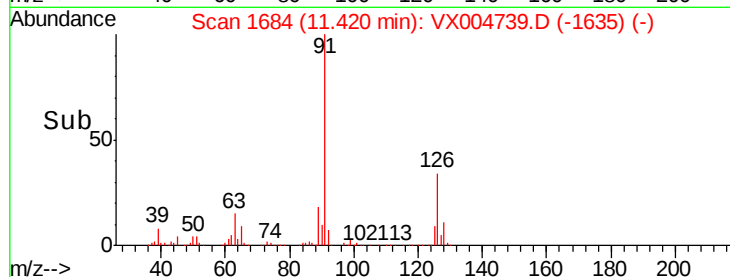
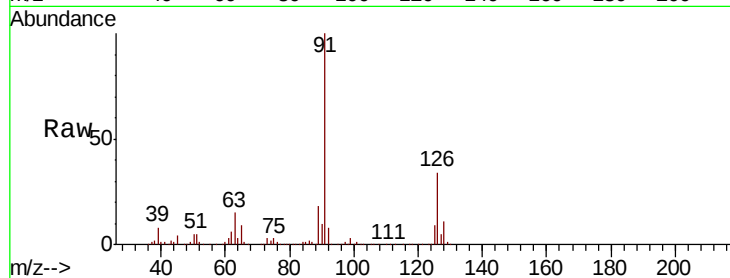
VSTDCCC050

Tot Ion: 91 Resp: 490064

Ion Ratio Lower Upper

91 100

126 34.6 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 51.260 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004739.D

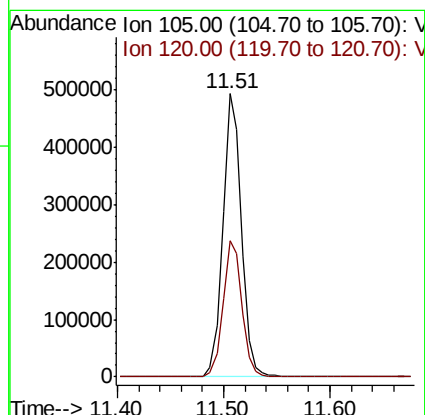
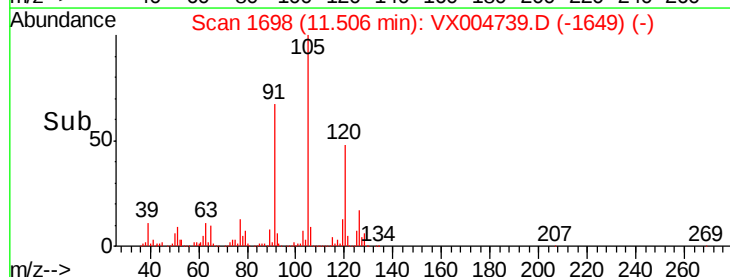
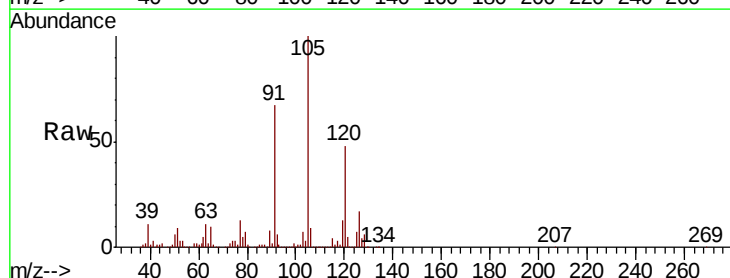
Acq: 26 Sep 2018 22:24

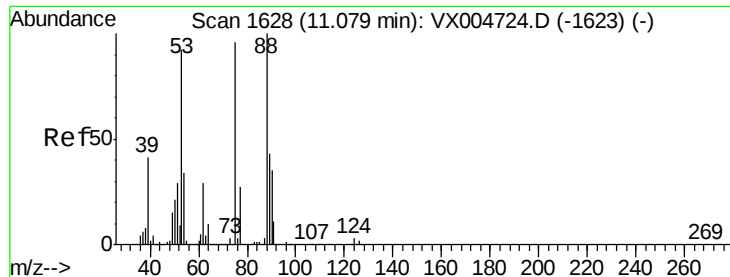
Tgt Ion: 105 Resp: 595546

Ion Ratio Lower Upper

105 100

120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.724 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

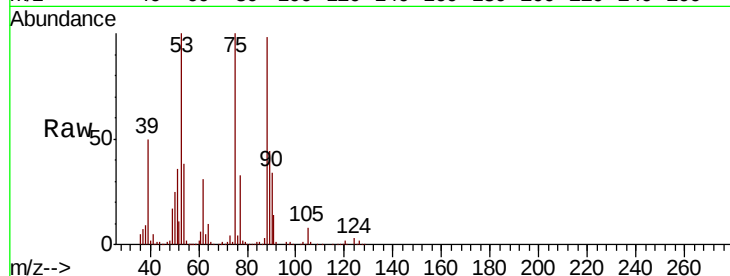
Tot Ion: 75 Resp: 77005

Ion Ratio Lower Upper

75 100

53 100.0 80.1 120.1

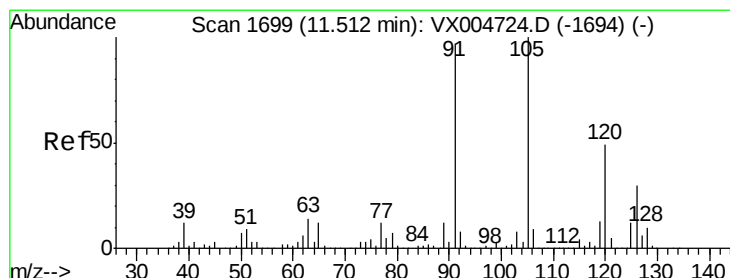
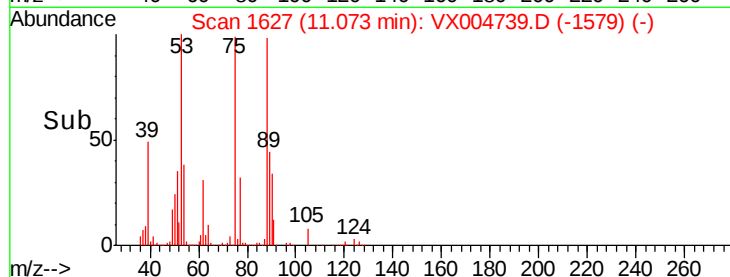
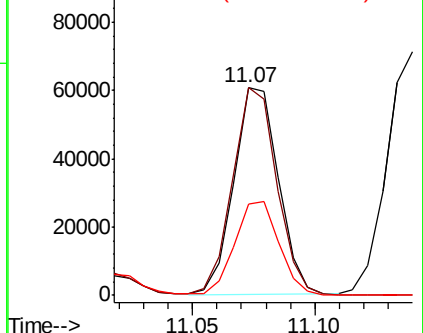
89 45.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.998 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004739.D

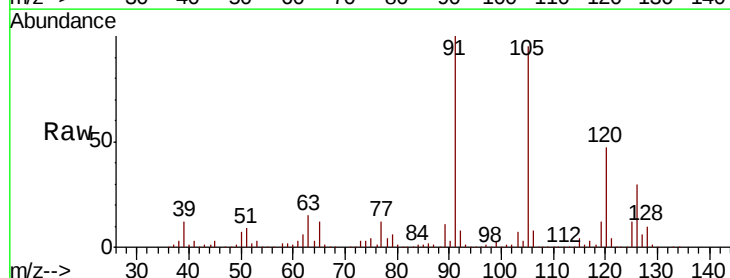
Acq: 26 Sep 2018 22:24

Tgt Ion: 91 Resp: 576263

Ion Ratio Lower Upper

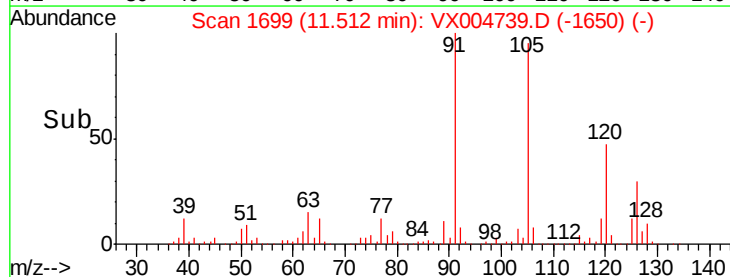
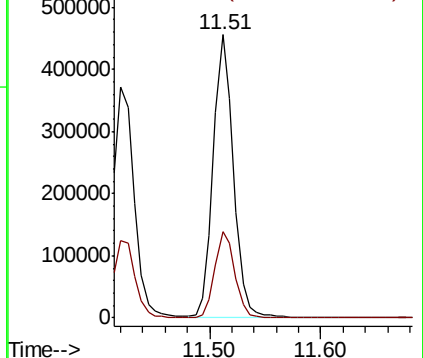
91 100

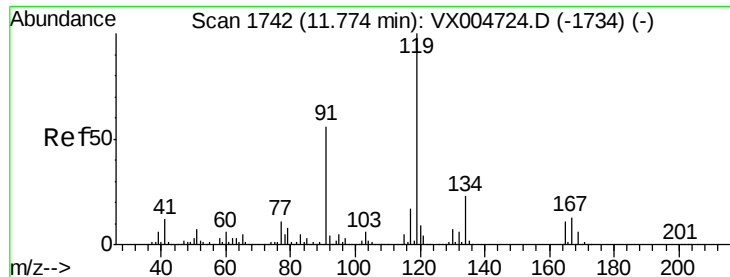
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

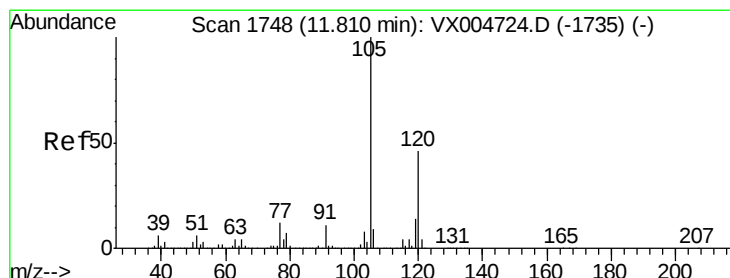
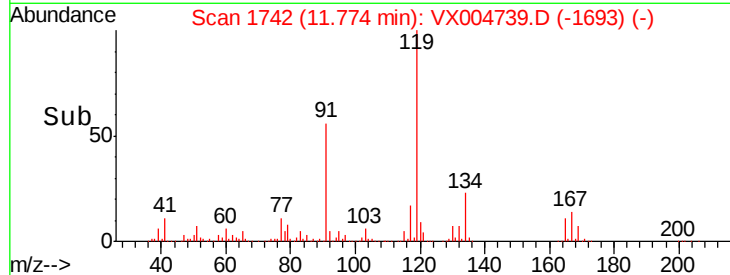
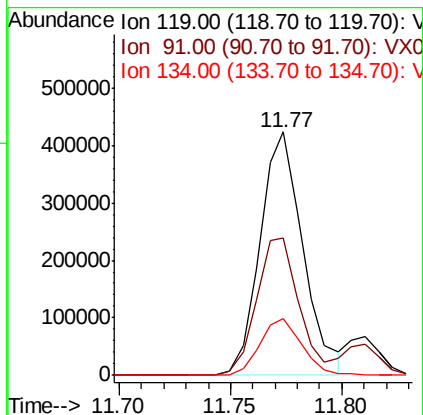
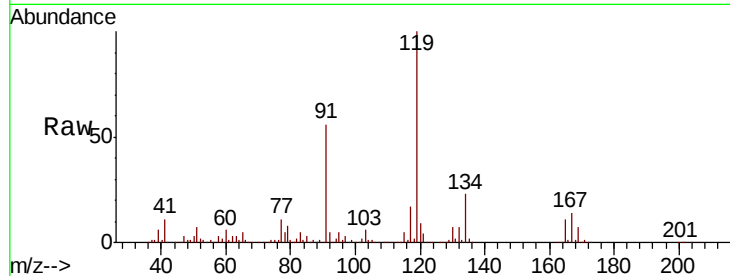




#83
 tert-Butylbenzene
 Concen: 54.299 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

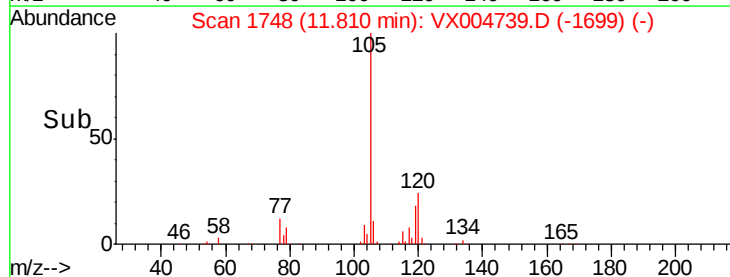
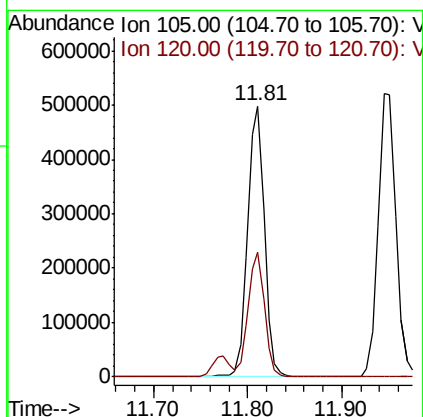
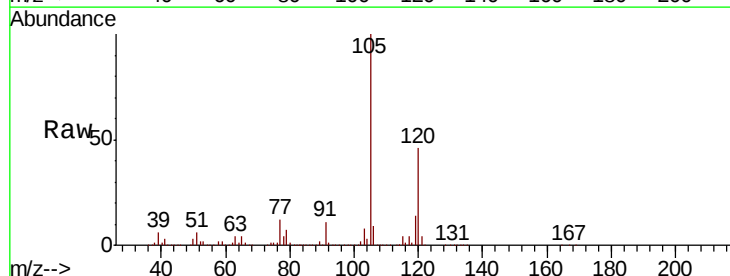
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

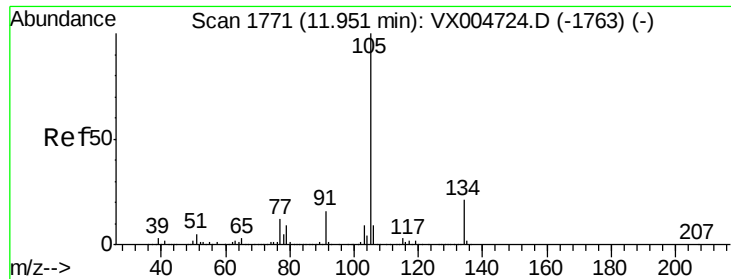
Tot Ion:119 Resp: 566750
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.0 81.0
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.847 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion:105 Resp: 621174
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.663 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

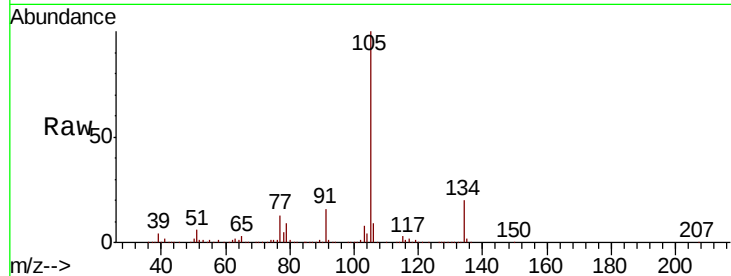
VSTDCCC050

Tot Ion:105 Resp: 682240

Ion Ratio Lower Upper

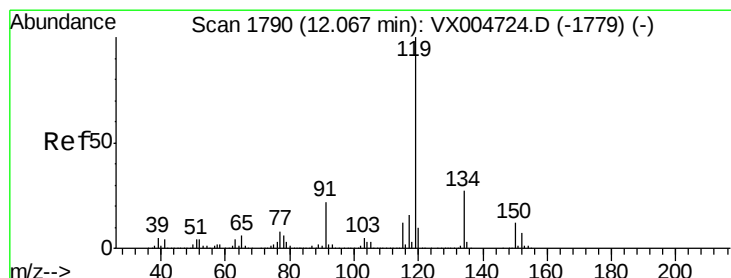
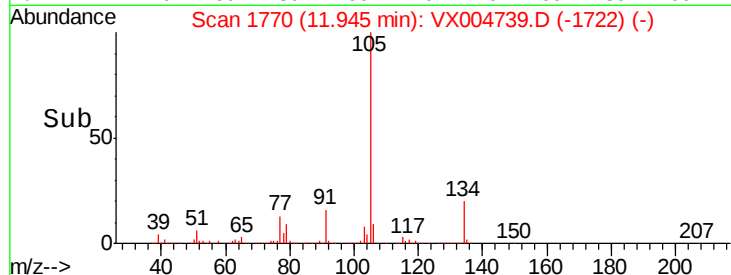
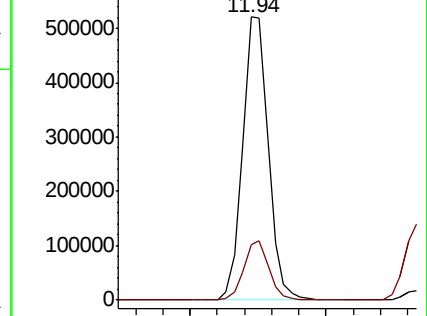
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.620 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

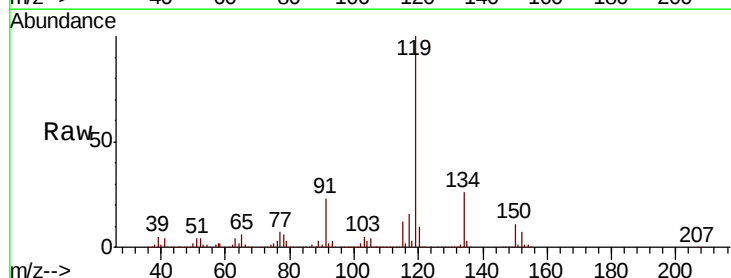
Tgt Ion:119 Resp: 617618

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

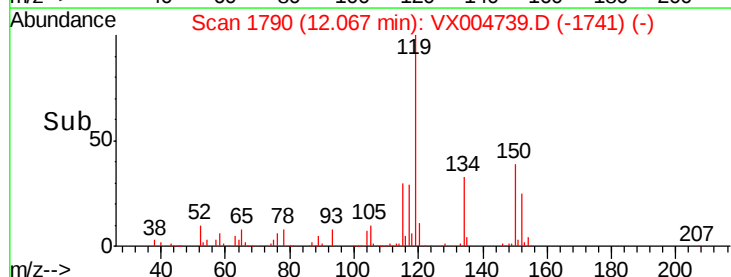
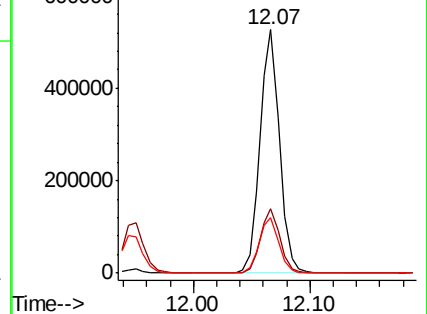
91 22.9 10.9 32.7

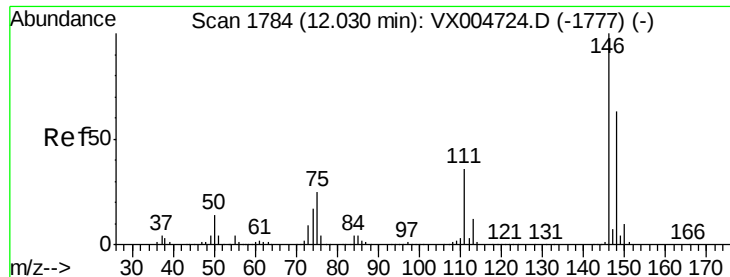


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.853 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

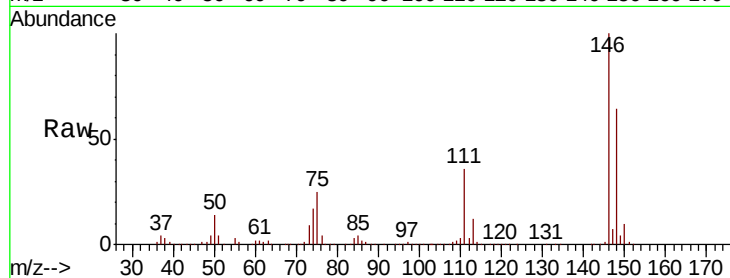
Tot Ion:146 Resp: 349656

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

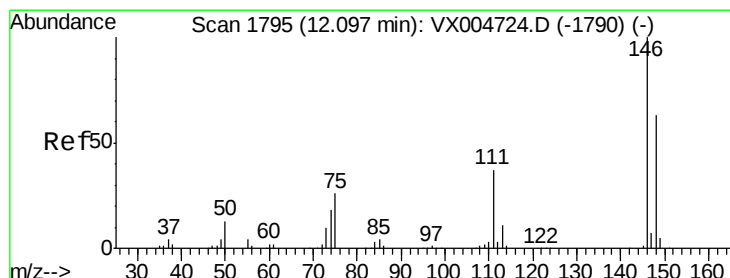
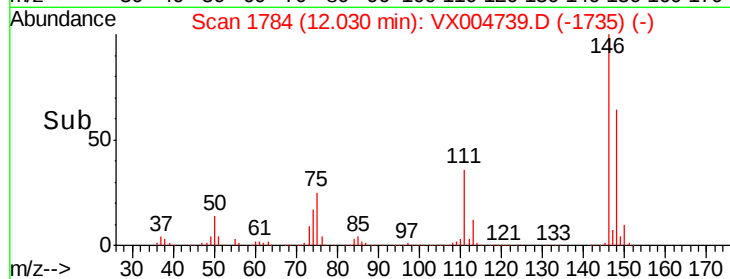
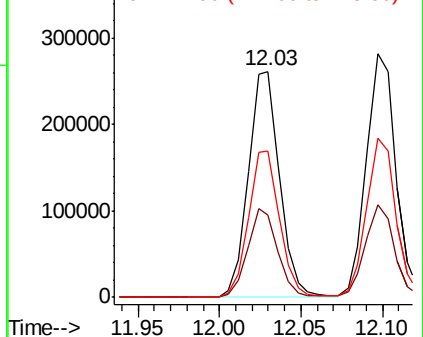
148 64.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.110 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004739.D

Acq: 26 Sep 2018 22:24

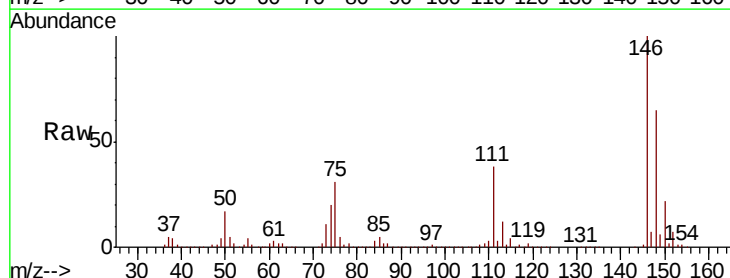
Tgt Ion:146 Resp: 355670

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

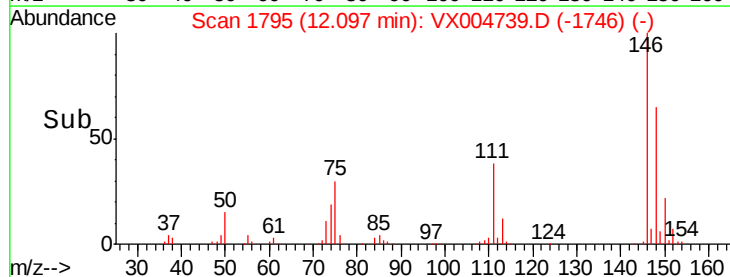
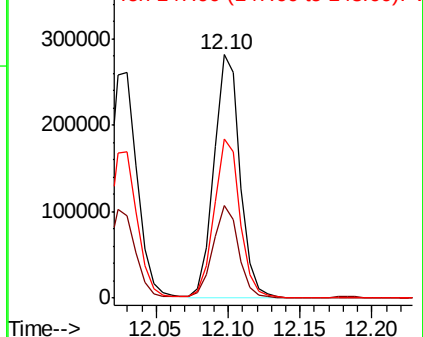
148 65.1 32.0 96.0

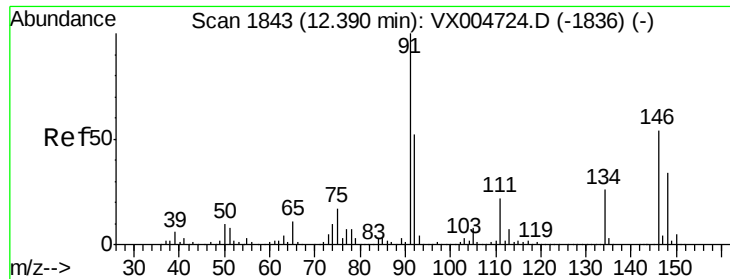


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

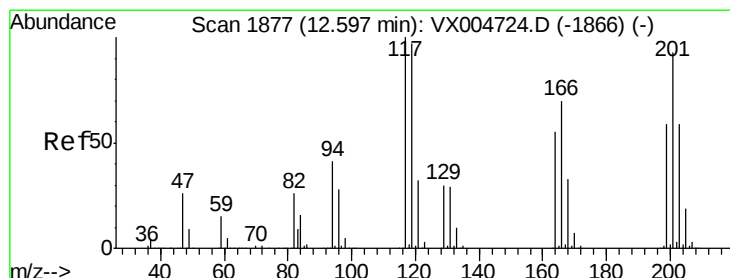
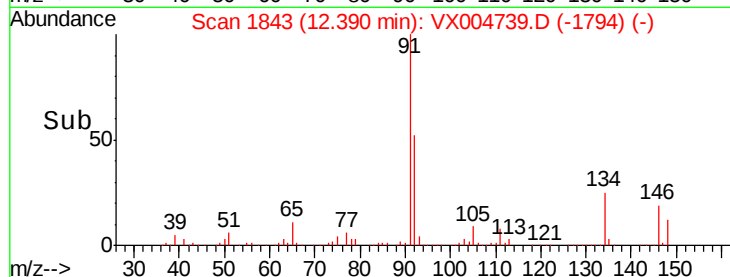
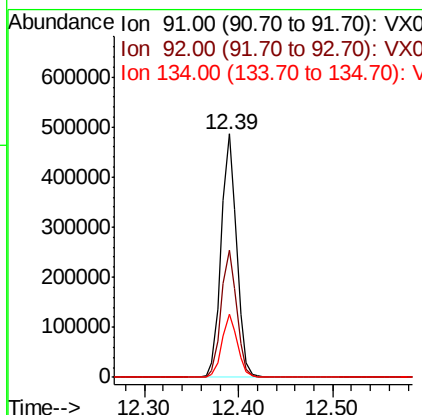
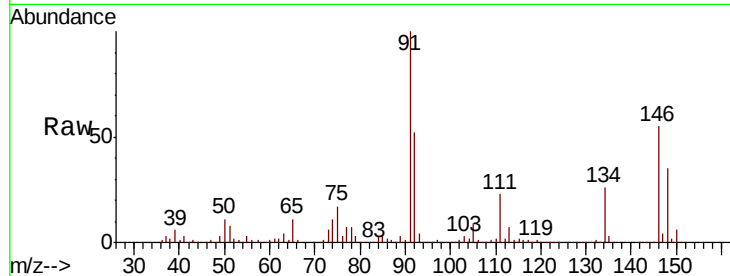




#89
n-Butylbenzene
Concen: 52.804 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

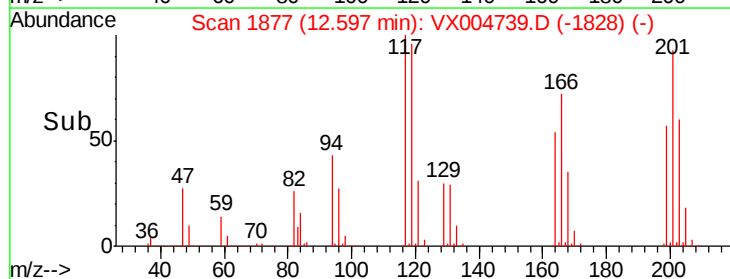
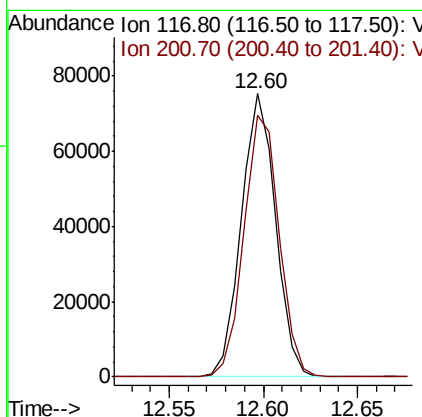
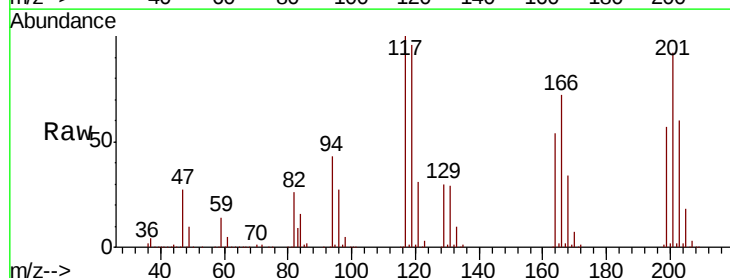
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

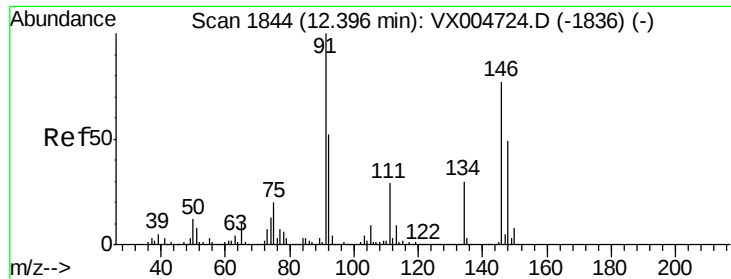
Tot Ion: 91 Resp: 552378
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 25.9 13.6 40.7



#90
Hexachloroethane
Concen: 49.479 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion: 117 Resp: 94891
Ion Ratio Lower Upper
117 100
201 95.0 46.9 140.6

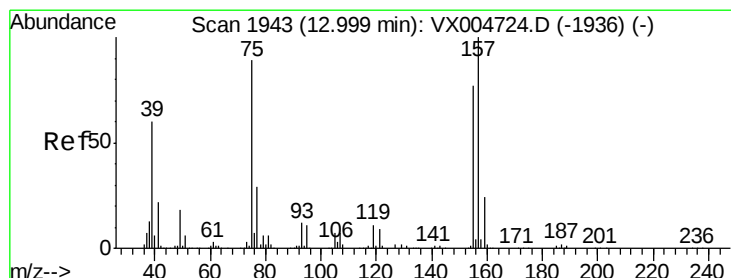
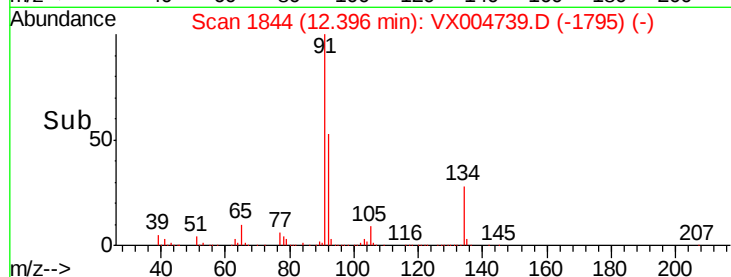
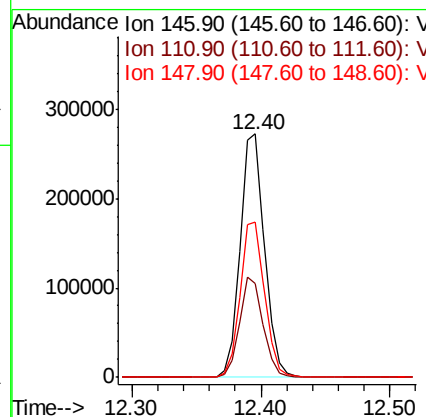
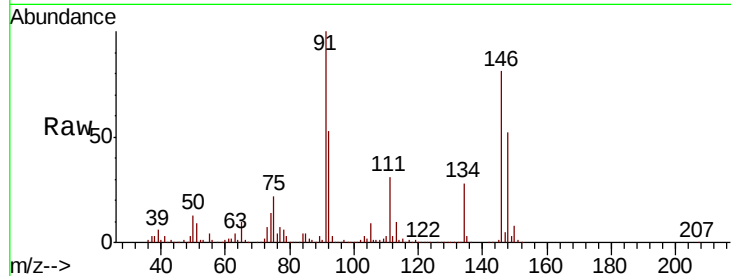




#91
 1,2-Dichlorobenzene
 Concen: 49.830 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

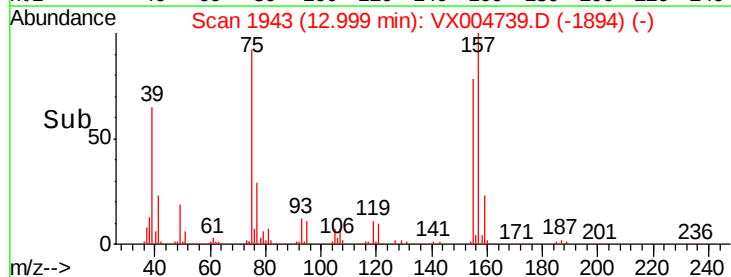
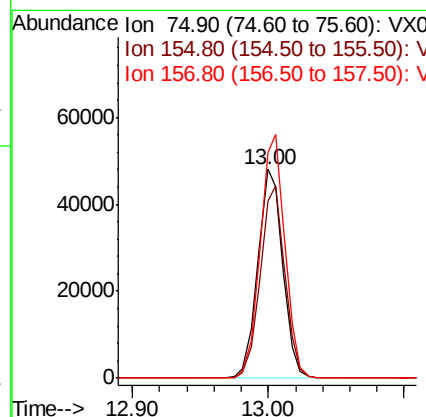
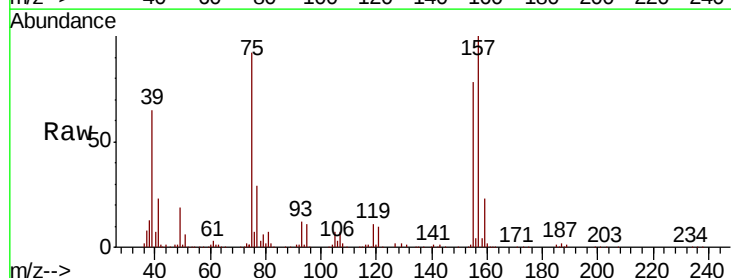
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

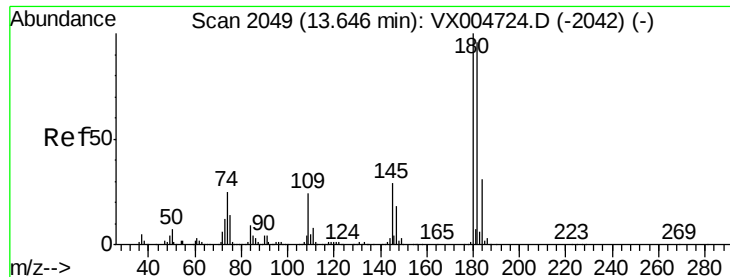
Tot Ion:146 Resp: 358052
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.4 58.1
 148 64.0 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.529 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion: 75 Resp: 61786
 Ion Ratio Lower Upper
 75 100
 155 91.2 48.0 144.2
 157 116.1 61.4 184.1

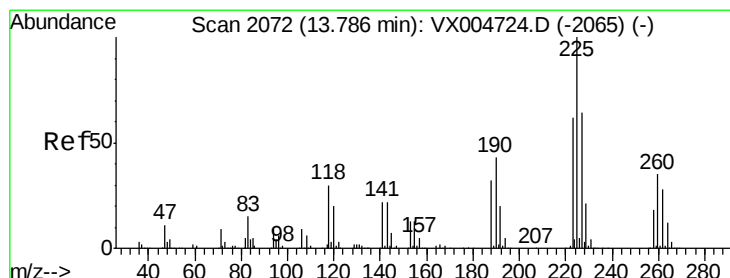
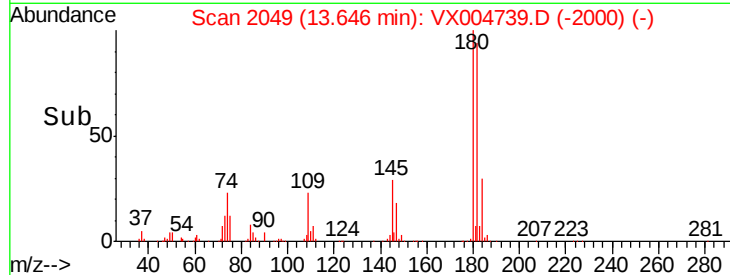
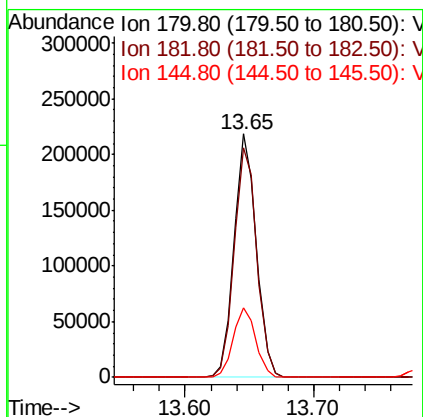
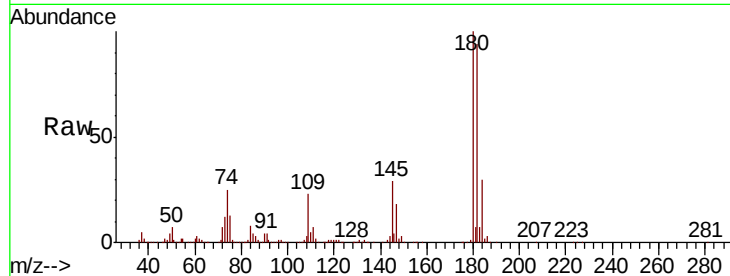




#93
 1,2,4-Trichlorobenzene
 Concen: 52.113 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

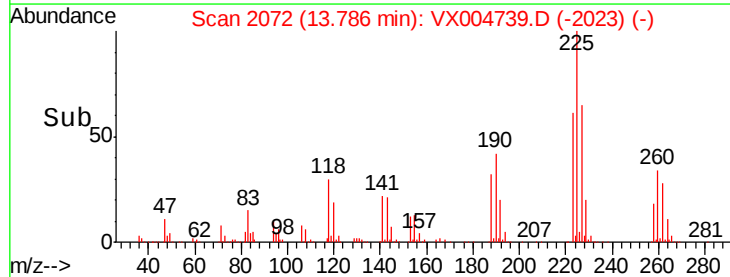
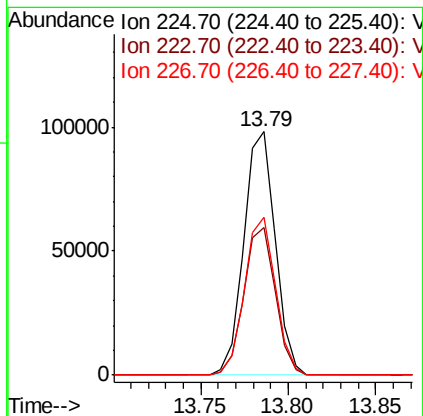
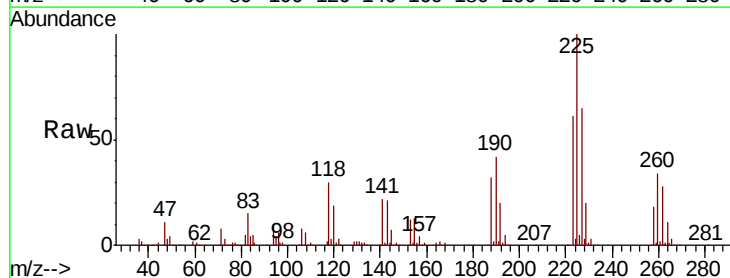
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

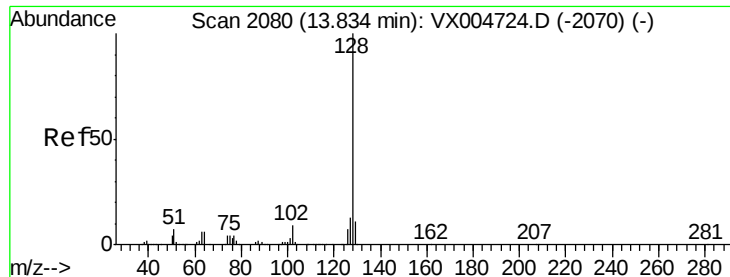
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.0
145	28.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 46.921 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004739.D
 Acq: 26 Sep 2018 22:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.1	90.5
227	63.8	30.8	92.4

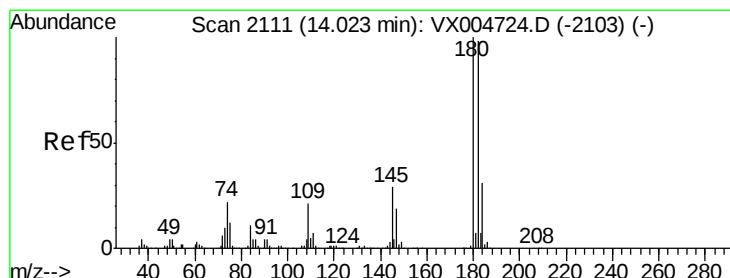
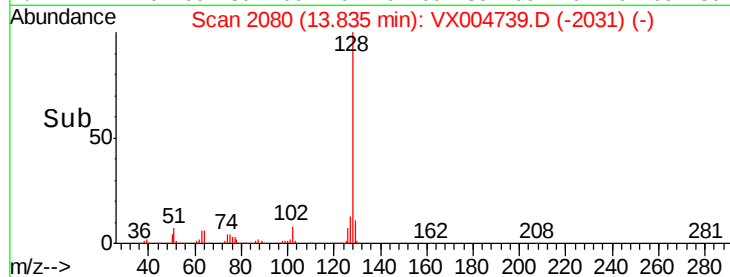
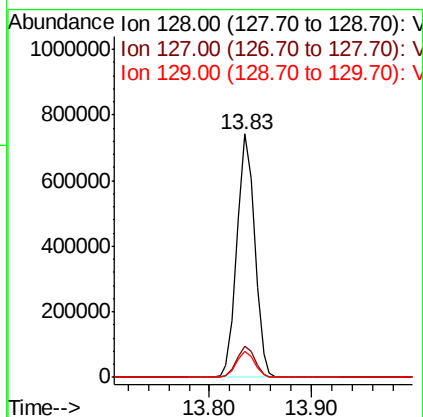
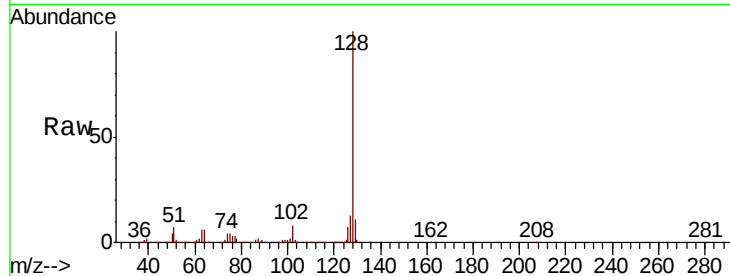




#95
Naphthalene
Concen: 52.796 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 883947
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.882 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004739.D
Acq: 26 Sep 2018 22:24

Tgt Ion:180 Resp: 275354
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.6
145 29.8 14.9 44.9

