

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004922.D
 Acq On : 02 Oct 2018 16:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 04:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	245732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208419	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	160685	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	132278	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
50) Toluene-d8	8.71	98	509171	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	191479	54.14	ug/l	0.00
Spiked Amount			Recovery	=	108.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	181716	54.236	ug/l	99
3) Chloromethane	1.32	50	191434	47.094	ug/l	100
4) Vinyl Chloride	1.40	62	189739	49.767	ug/l	100
5) Bromomethane	1.64	94	124046	54.868	ug/l	95
6) Chloroethane	1.71	64	115821	56.024	ug/l	97
7) Trichlorofluoromethane	1.92	101	247982	52.540	ug/l	96
8) Diethyl Ether	2.19	74	98077	47.832	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144311	53.676	ug/l	99
10) Methyl Iodide	2.51	142	120564	33.511	ug/l	92
11) Tert butyl alcohol	3.09	59	243439	248.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129791	48.746	ug/l	94
13) Acrolein	2.29	56	174477	249.846	ug/l	92
14) Allyl chloride	2.72	41	298377	51.360	ug/l	95
15) Acrylonitrile	3.15	53	545028	252.249	ug/l	96
16) Acetone	2.45	43	555078	270.853	ug/l	94
17) Carbon Disulfide	2.56	76	372966	46.616	ug/l	100
18) Methyl Acetate	2.78	43	292131	56.262	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	485309	52.842	ug/l	96
20) Methylene Chloride	2.85	84	152766	51.291	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	141195	48.443	ug/l	89
22) Diisopropyl ether	3.87	45	507070	51.833	ug/l	96
23) Vinyl Acetate	3.82	43	2296204	256.423	ug/l	98
24) 1,1-Dichloroethane	3.69	63	283201	48.530	ug/l	100
25) 2-Butanone	4.70	43	761442	252.063	ug/l	97
26) 2,2-Dichloropropane	4.58	77	218420	53.750	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	155840	47.861	ug/l	95
28) Bromochloromethane	5.01	49	125874	45.805	ug/l	96
29) Tetrahydrofuran	5.16	42	477474	254.306	ug/l	97
30) Chloroform	5.21	83	260311	47.199	ug/l	100
31) Cyclohexane	5.57	56	244777	54.805	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	224626	49.871	ug/l	95
36) 1,1-Dichloropropene	5.79	75	197122	48.923	ug/l	94
37) Ethyl Acetate	4.86	43	260456	48.698	ug/l	99
38) Carbon Tetrachloride	5.78	117	197418	46.611	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243853	59.270	ug/l	86
40) Benzene	6.14	78	592082	46.938	ug/l	95
41) Methacrylonitrile	5.06	41	146547	49.407	ug/l	98
42) 1,2-Dichloroethane	6.20	62	209746	47.036	ug/l	97
43) Isopropyl Acetate	6.46	43	392095	50.792	ug/l	97
44) Trichloroethene	7.21	130	158246	51.031	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161222	52.118	ug/l	97
46) Dibromomethane	7.66	93	101491	52.205	ug/l	99
47) Bromodichloromethane	7.90	83	197887	54.367	ug/l	100
48) Methyl methacrylate	7.78	41	207890	59.332	ug/l	100
49) 1,4-Dioxane	7.76	88	90832	1043.467	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1393560	286.705	ug/l	99
52) Toluene	8.79	92	373250	53.850	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	229729	55.852	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	246948	57.320	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154082	50.749	ug/l	96
56) Ethyl methacrylate	9.18	69	249552	50.614	ug/l	97
57) 1,3-Dichloropropane	9.37	76	259154	51.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	668401	255.185	ug/l	100
59) 2-Hexanone	9.50	43	1140588	281.596	ug/l	95
60) Dibromochloromethane	9.59	129	160647	52.907	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159832	49.155	ug/l	95
64) Tetrachloroethene	9.34	164	156740	47.866	ug/l	96
65) Chlorobenzene	10.14	112	416769	48.850	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	152748	50.927	ug/l	99
67) Ethyl Benzene	10.26	91	718646	53.057	ug/l	96
68) m/p-Xylenes	10.36	106	560165	105.832	ug/l	95
69) o-Xylene	10.70	106	267763	55.078	ug/l	100
70) Styrene	10.71	104	457136	50.264	ug/l	100
71) Bromoform	10.86	173	132703	51.680	ug/l	96
73) Isopropylbenzene	11.02	105	731073	55.650	ug/l	100
74) N-amyl acetate	10.90	43	357568	49.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	260740	48.758	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	302682	64.794	ug/l	85
77) Bromobenzene	11.26	156	192598	50.475	ug/l	99
78) n-propylbenzene	11.36	91	848998	56.326	ug/l	100
79) 2-Chlorotoluene	11.42	91	507140	53.978	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	625136	51.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	78163	45.808	ug/l	98
82) 4-Chlorotoluene	11.51	91	598902	54.157	ug/l	100
83) tert-Butylbenzene	11.77	119	618502	57.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	645421	51.987	ug/l	100
85) sec-Butylbenzene	11.94	105	750061	56.934	ug/l	100
86) p-Isopropyltoluene	12.07	119	683920	57.299	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	364414	51.145	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	367910	50.021	ug/l	99
89) n-Butylbenzene	12.39	91	630586	58.171	ug/l	99
90) Hexachloroethane	12.60	117	106151	53.414	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	365023	49.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59779	50.912	ug/l	99

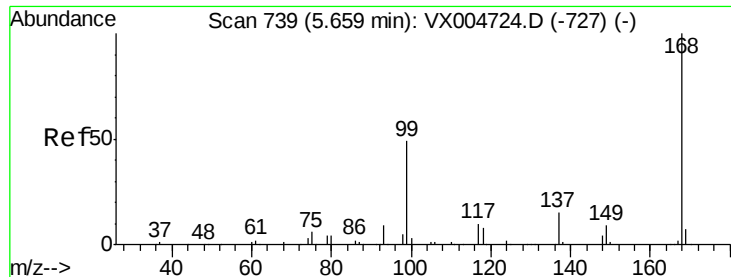
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	283589	54.294	ug/l	99
94) Hexachlorobutadiene	13.79	225	143149	52.851	ug/l	99
95) Naphthalene	13.83	128	882150	50.872	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287580	53.298	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

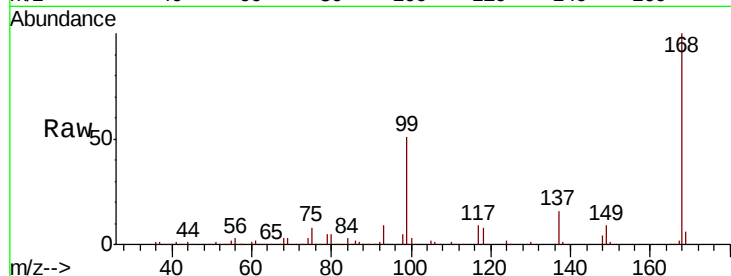
VSTDCCC050

Tot Ion:168 Resp: 245732

Ion Ratio Lower Upper

168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

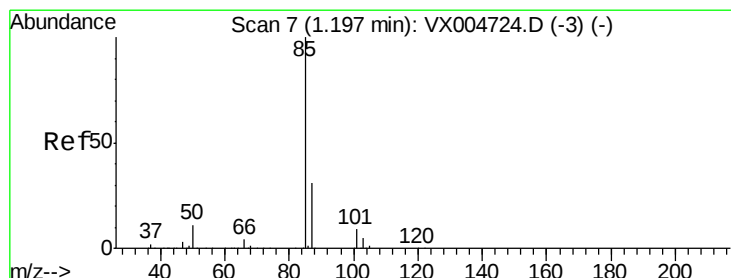
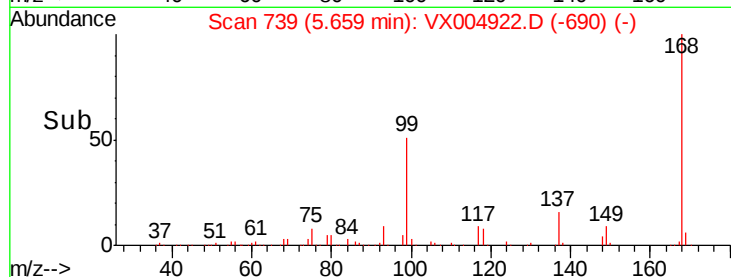
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.236 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004922.D

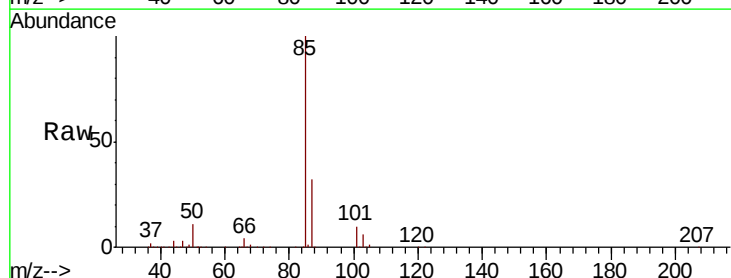
Acq: 02 Oct 2018 16:43

Tgt Ion: 85 Resp: 181716

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

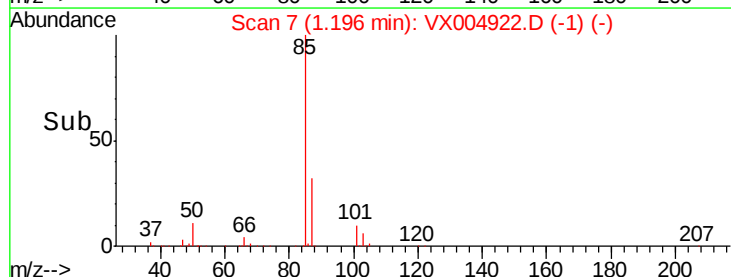
150000

100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 47.094 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

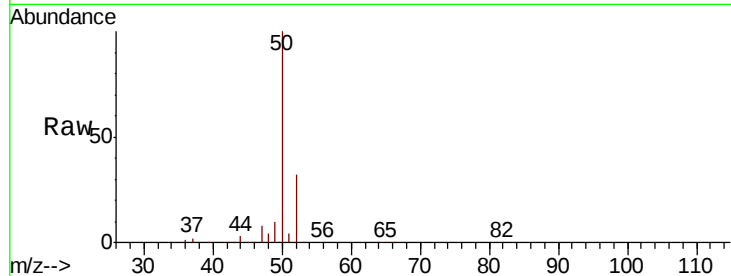
VSTDCCC050

Tot Ion: 50 Resp: 191434

Ion Ratio Lower Upper

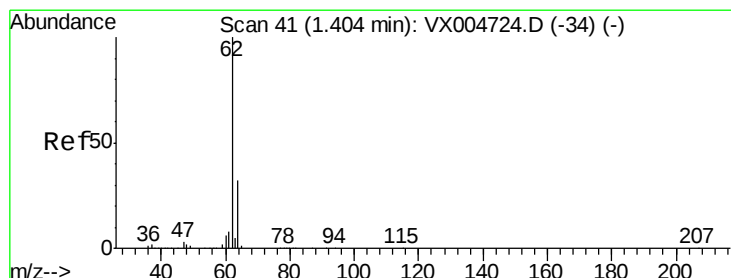
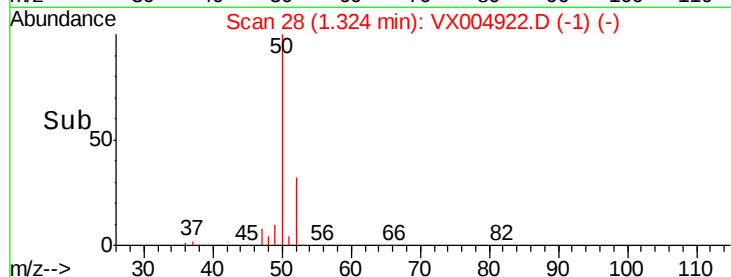
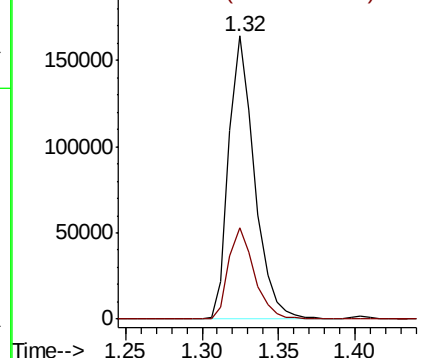
50 100

52 32.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.767 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004922.D

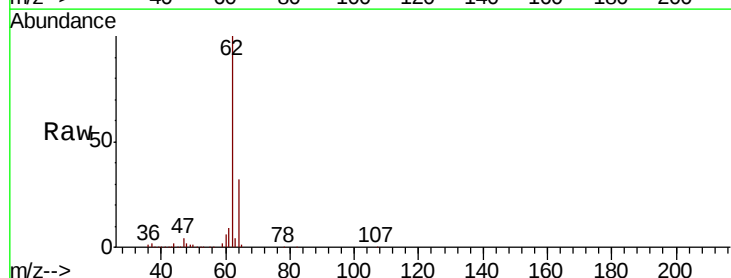
Acq: 02 Oct 2018 16:43

Tgt Ion: 62 Resp: 189739

Ion Ratio Lower Upper

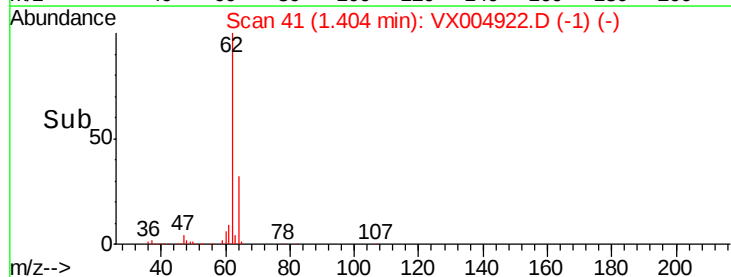
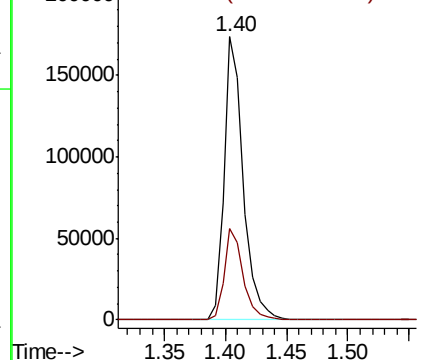
62 100

64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.868 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

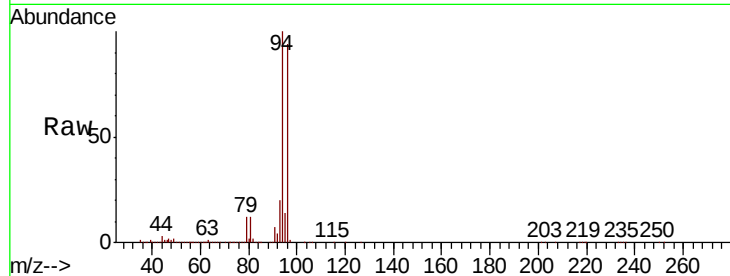
VSTDCCC050

Tot Ion: 94 Resp: 124046

Ion Ratio Lower Upper

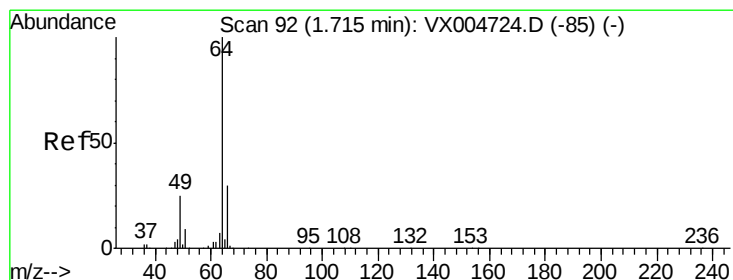
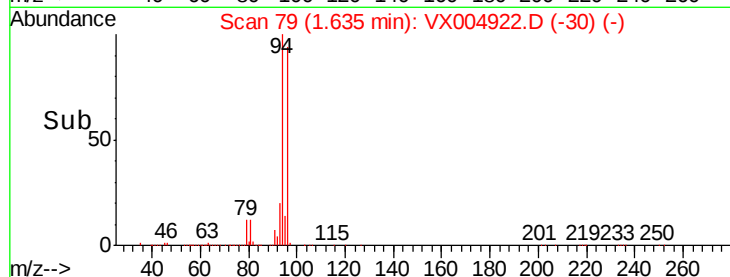
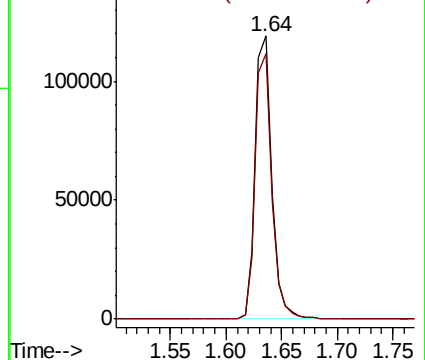
94 100

96 94.0 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.024 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004922.D

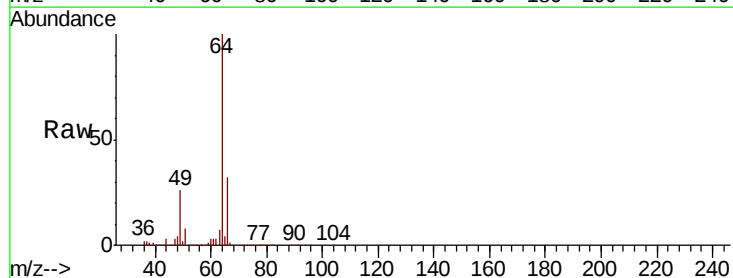
Acq: 02 Oct 2018 16:43

Tgt Ion: 64 Resp: 115821

Ion Ratio Lower Upper

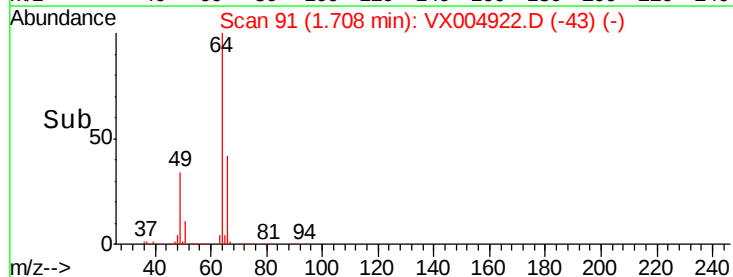
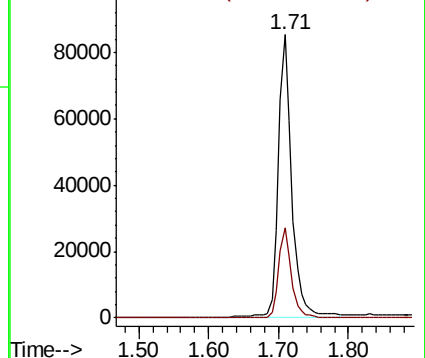
64 100

66 31.6 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



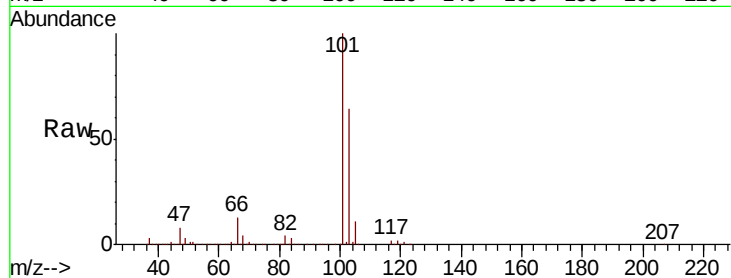


#7

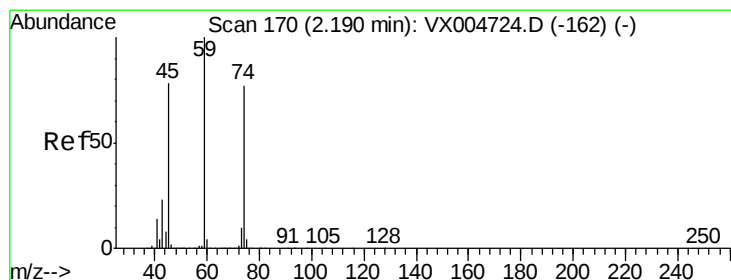
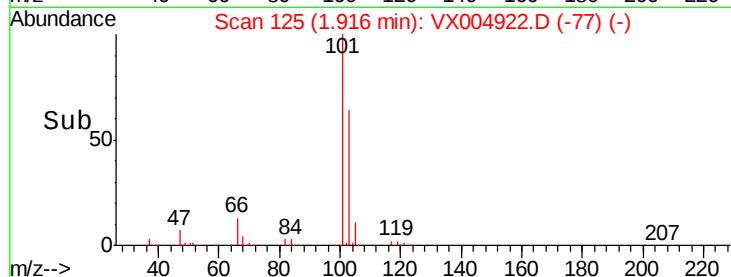
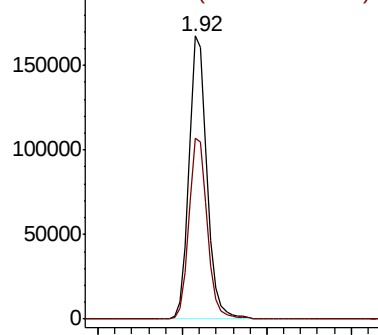
Trichlorofluoromethane
Concen: 52.540 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 247982
Ion Ratio Lower Upper
101 100
103 63.7 48.4 72.6



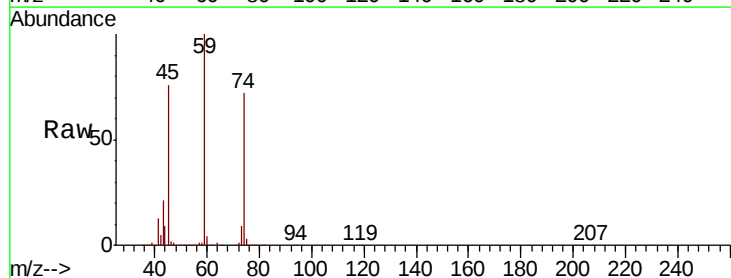
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



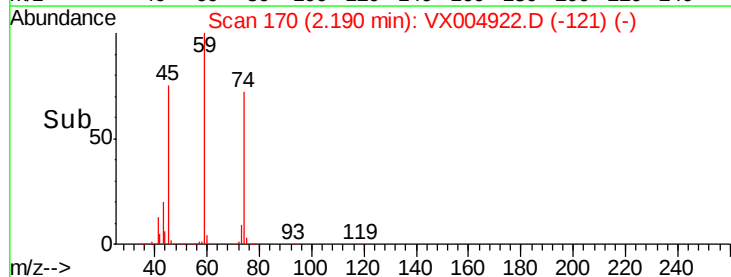
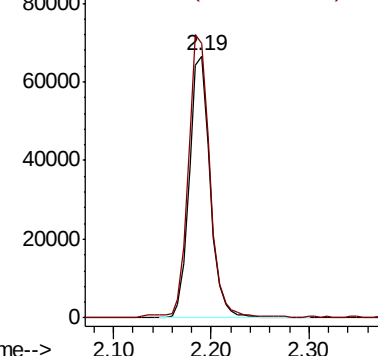
#8

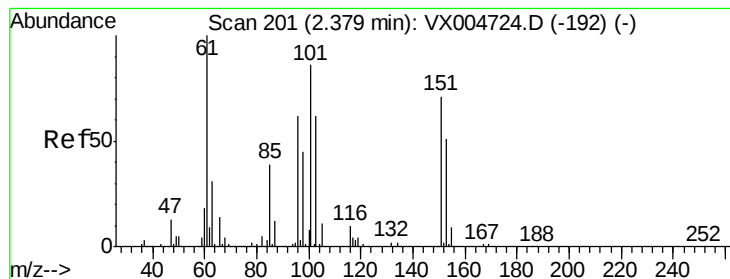
Diethyl Ether
Concen: 47.832 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 74 Resp: 98077
Ion Ratio Lower Upper
74 100
45 111.9 52.5 157.6



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: 53.676 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

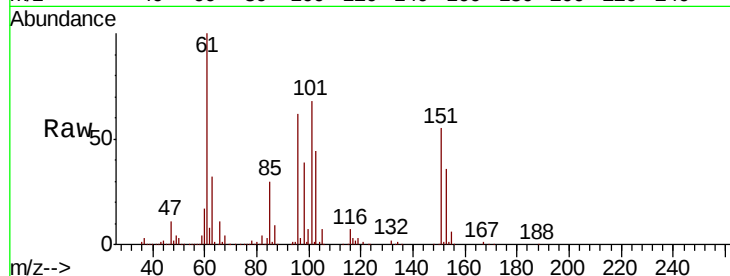
Tot Ion:101 Resp: 144311

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

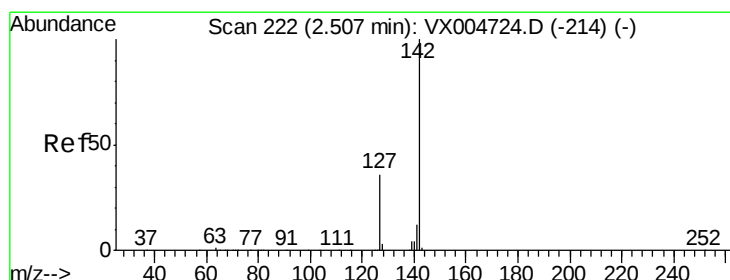
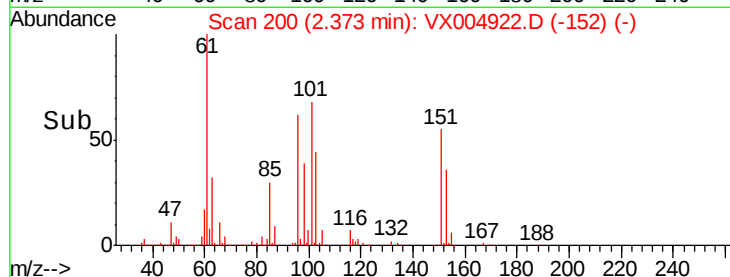
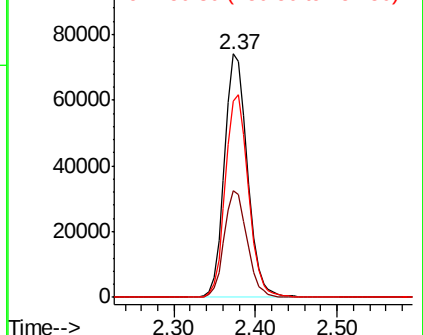
151 83.4 66.6 100.0



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: 33.511 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

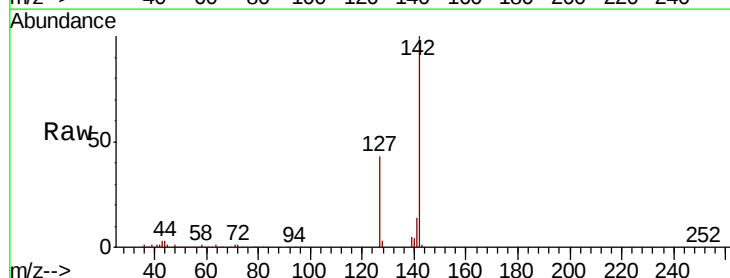
Tgt Ion:142 Resp: 120564

Ion Ratio Lower Upper

142 100

127 43.0 30.1 45.1

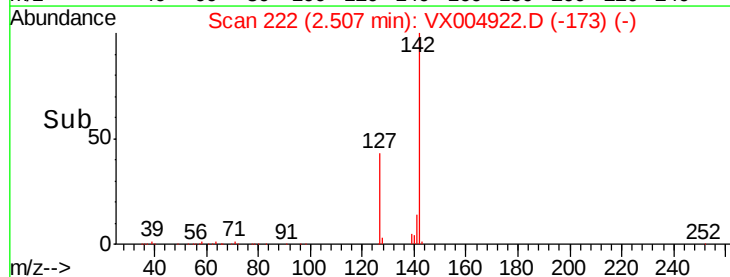
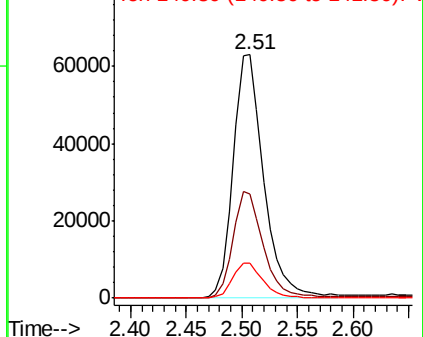
141 14.5 10.1 15.1

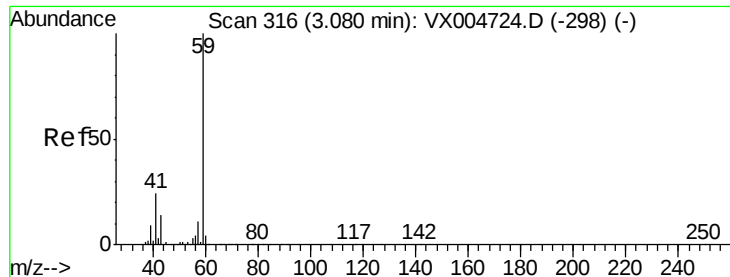


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

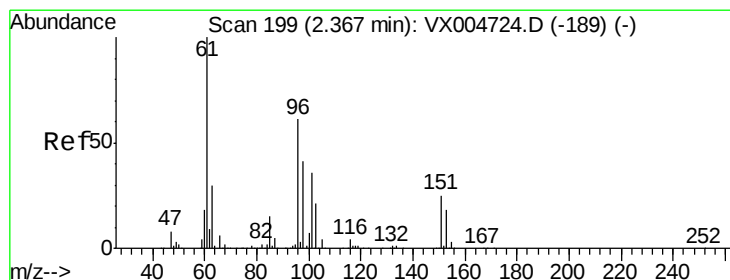
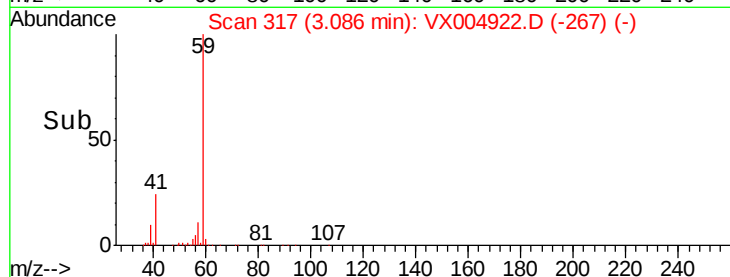
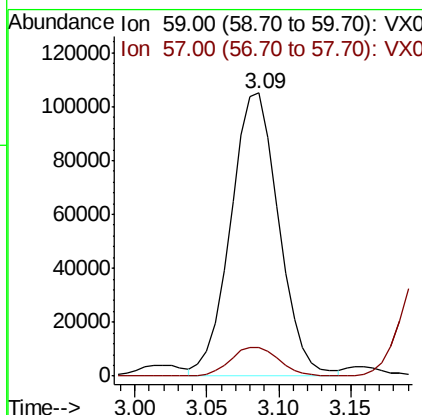
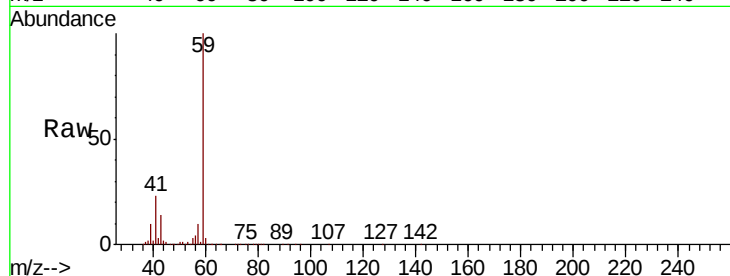




#11
Tert butyl alcohol
Concen: 248.025 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

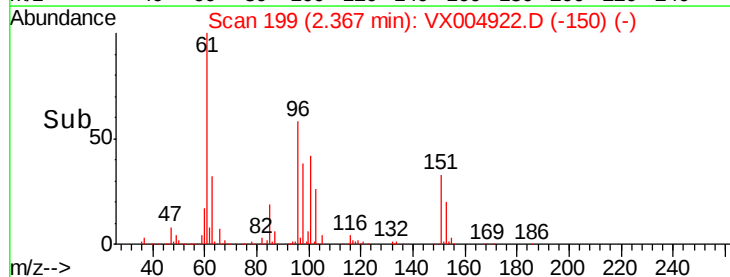
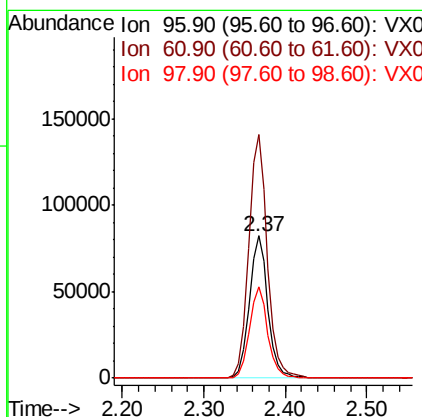
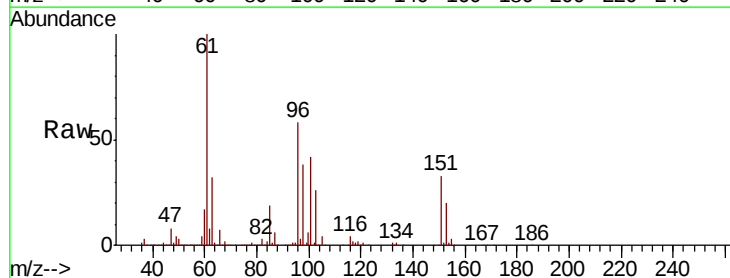
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 243439
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.746 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 96 Resp: 129791
Ion Ratio Lower Upper
96 100
61 171.7 130.2 195.4
98 64.4 53.4 80.0





#13

Acrolein

Concen: 249.846 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

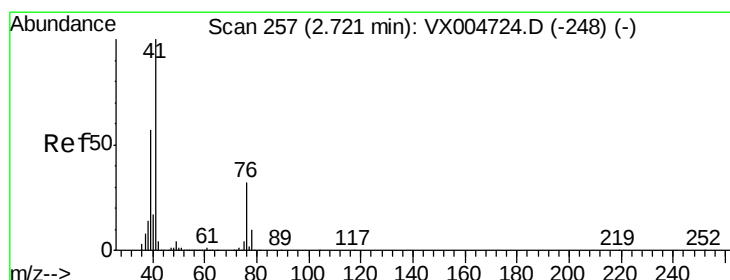
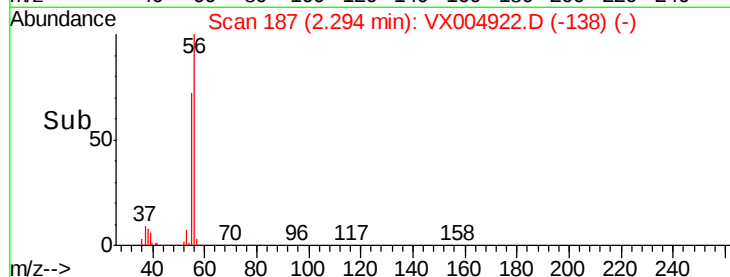
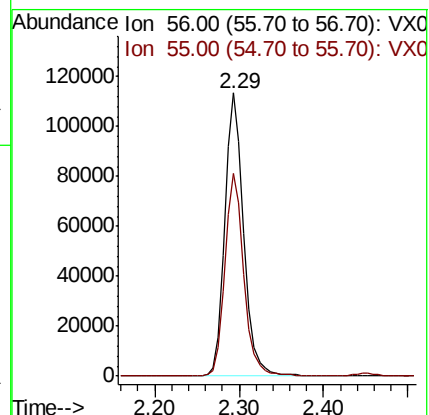
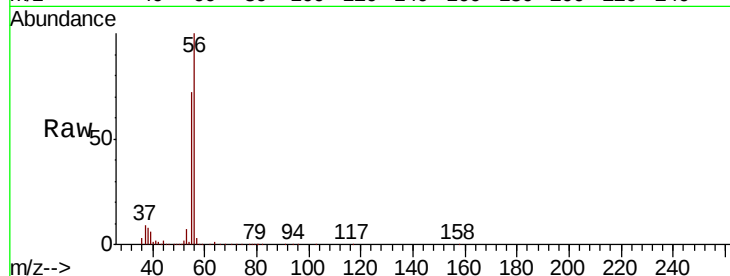
VSTDCCC050

Tot Ion: 56 Resp: 174477

Ion Ratio Lower Upper

56 100

55 72.1 63.4 95.2



#14

Allyl chloride

Concen: 51.360 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

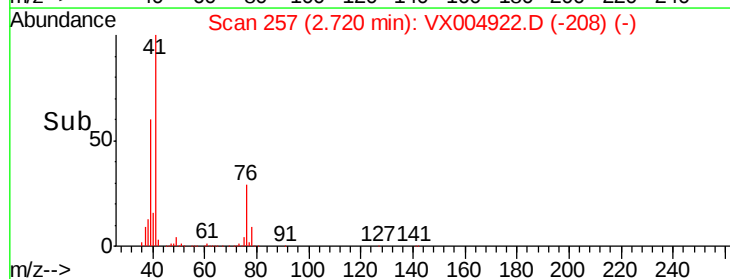
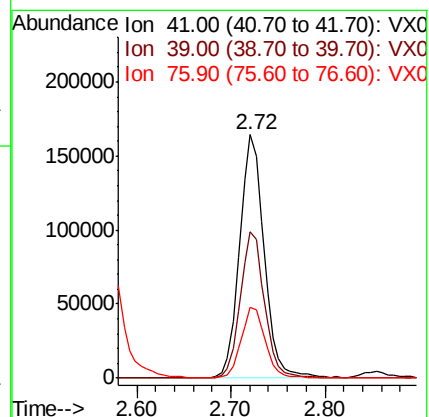
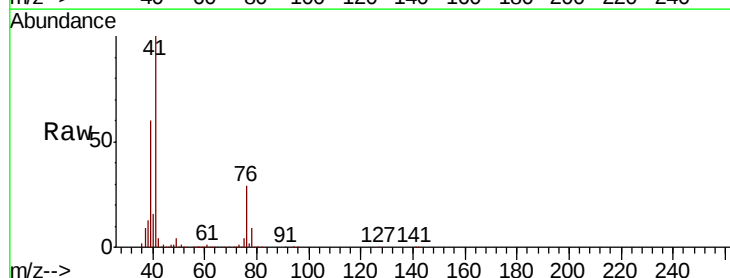
Tgt Ion: 41 Resp: 298377

Ion Ratio Lower Upper

41 100

39 58.8 44.1 66.1

76 28.7 25.0 37.4





#15

Acrylonitrile

Concen: 252.249 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

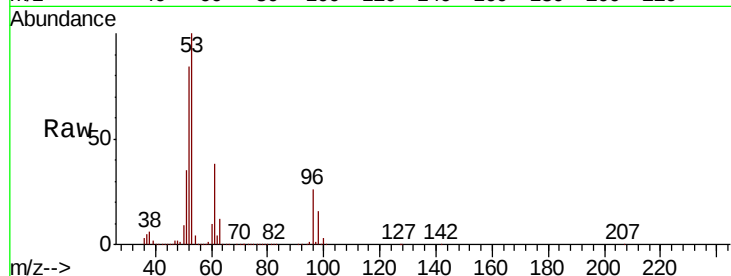
Tot Ion: 53 Resp: 545028

Ion Ratio Lower Upper

53 100

52 83.6 63.0 94.4

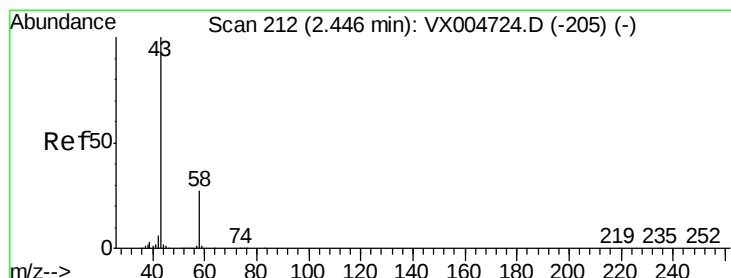
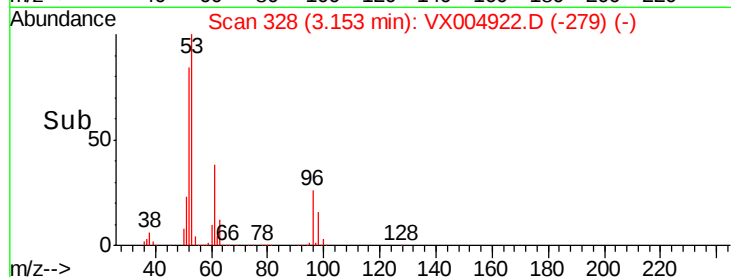
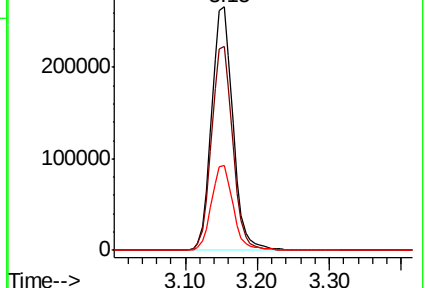
51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 270.853 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004922.D

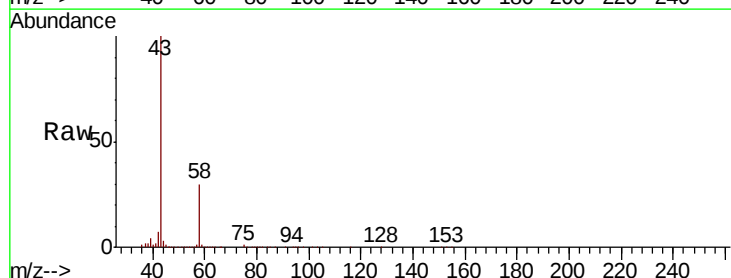
Acq: 02 Oct 2018 16:43

Tgt Ion: 43 Resp: 555078

Ion Ratio Lower Upper

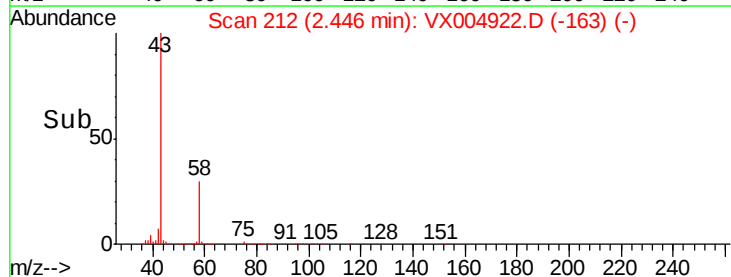
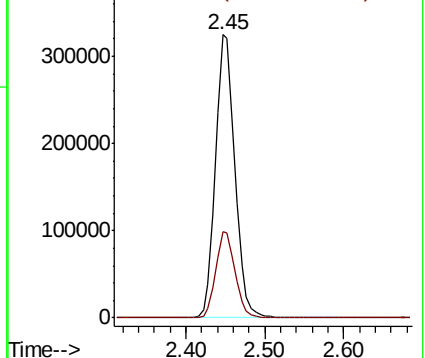
43 100

58 30.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.616 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

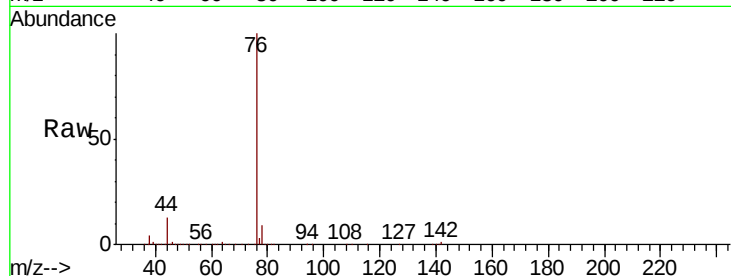
VSTDCCC050

Tot Ion: 76 Resp: 372966

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

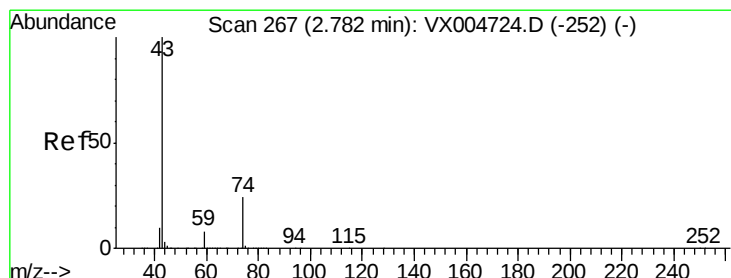
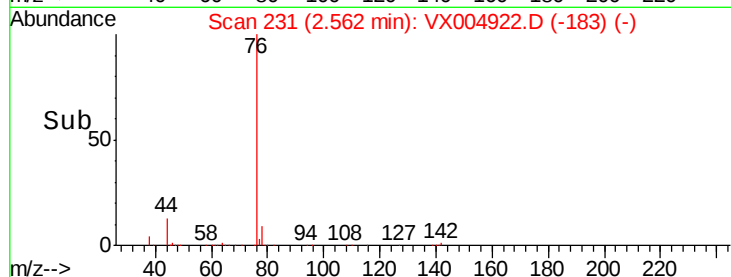
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.262 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004922.D

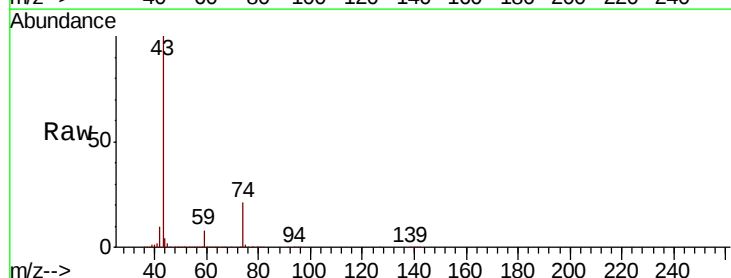
Acq: 02 Oct 2018 16:43

Tgt Ion: 43 Resp: 292131

Ion Ratio Lower Upper

43 100

74 20.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

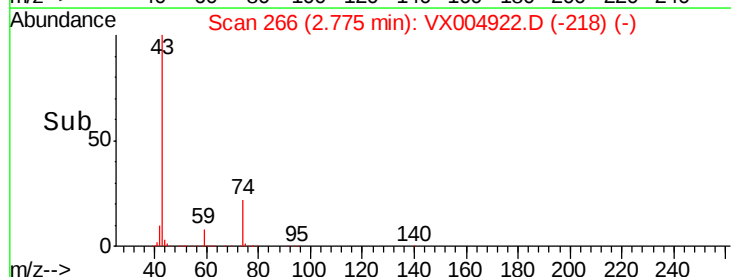
150000

100000

50000

0

Time-->

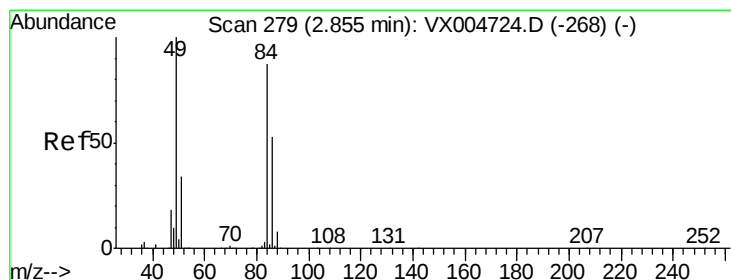
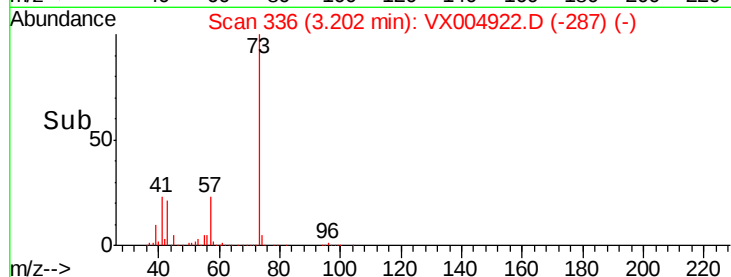
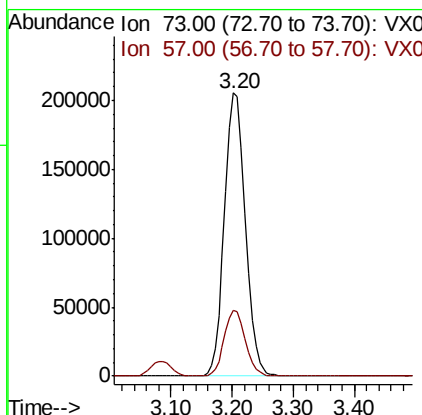
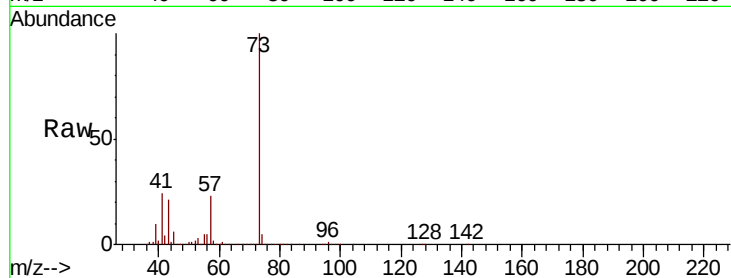




#19
Methyl tert-butyl Ether
Concen: 52.842 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

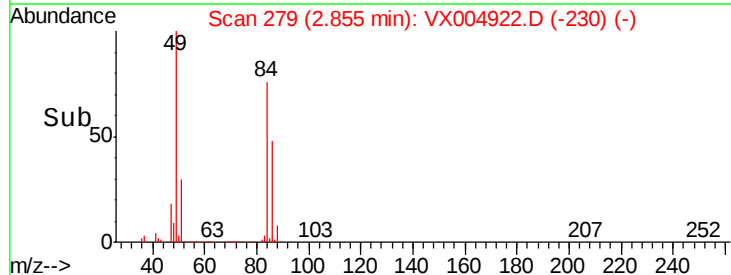
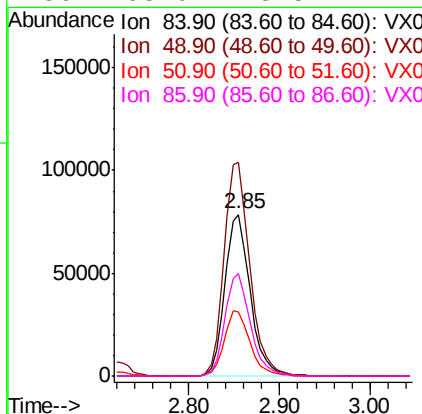
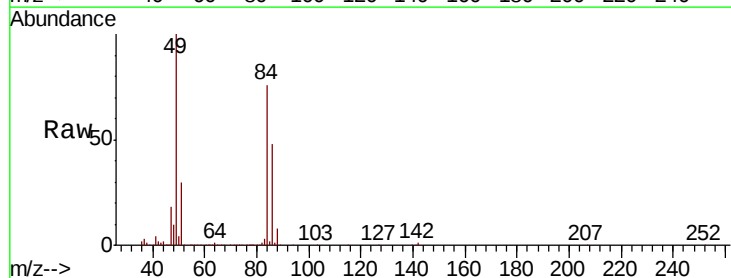
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

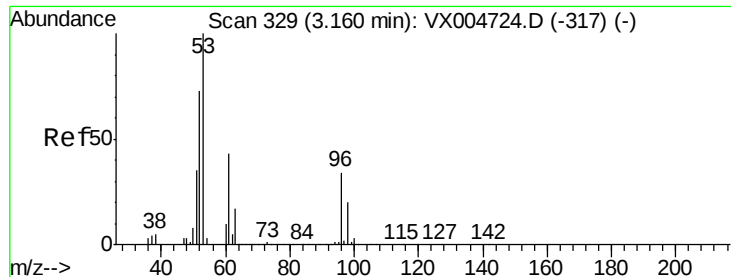
Tot Ion: 73 Resp: 485309
Ion Ratio Lower Upper
73 100
57 23.0 19.9 29.9



#20
Methylene Chloride
Concen: 51.291 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 84 Resp: 152766
Ion Ratio Lower Upper
84 100
49 132.0 92.3 138.5
51 39.7 31.8 47.6
86 63.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.443 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

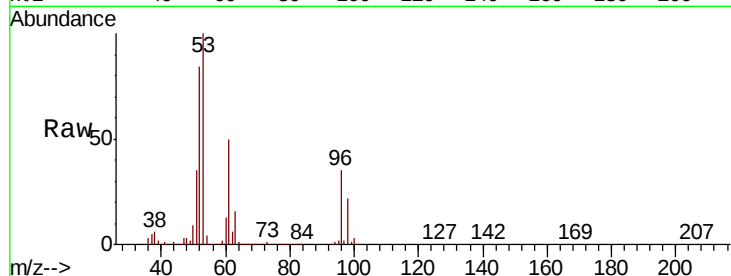
Tot Ion: 96 Resp: 141195

Ion Ratio Lower Upper

96 100

61 142.6 101.0 151.6

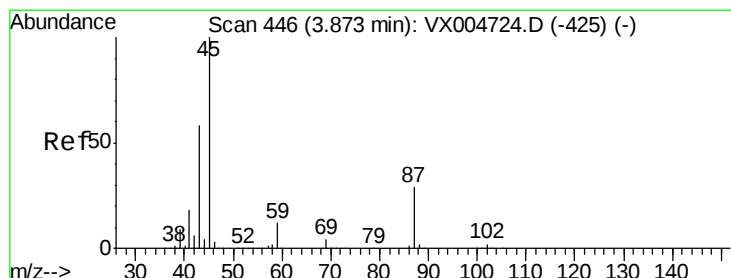
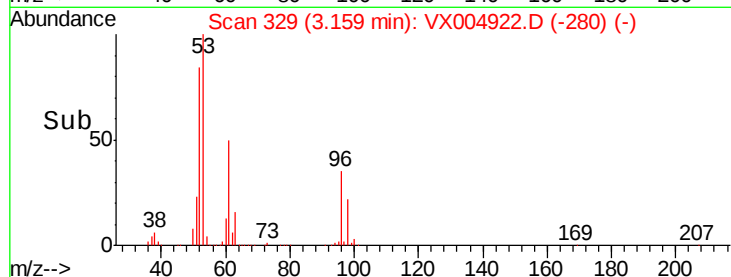
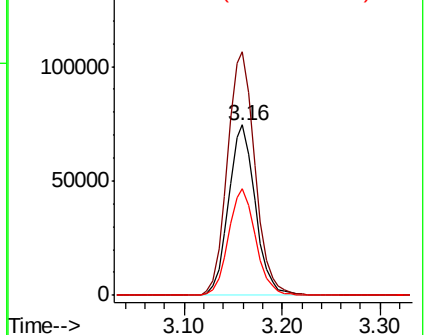
98 62.9 47.2 70.8



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: 51.833 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion: 45 Resp: 507070

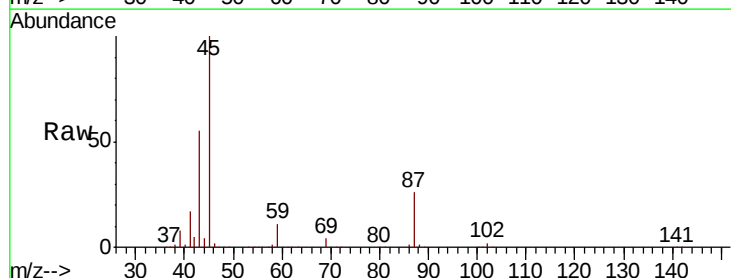
Ion Ratio Lower Upper

45 100

43 55.4 46.7 70.1

87 25.8 22.9 34.3

59 11.0 9.3 13.9

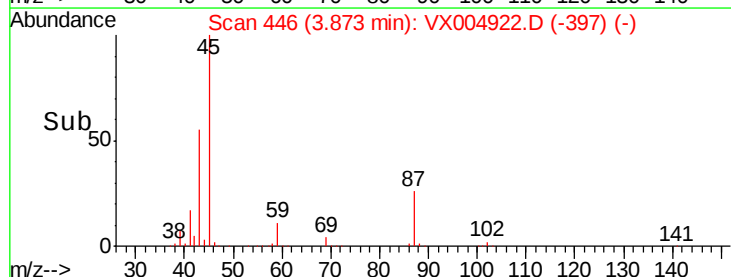
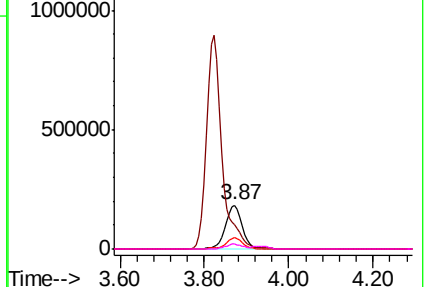


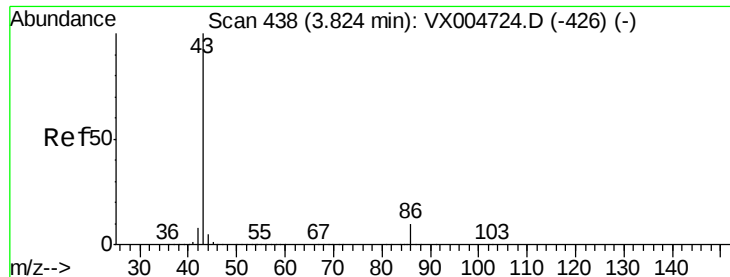
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 256.423 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

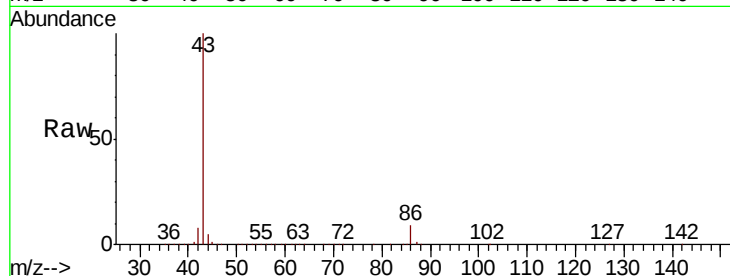
VSTDCCC050

Tot Ion: 43 Resp: 2296204

Ion Ratio Lower Upper

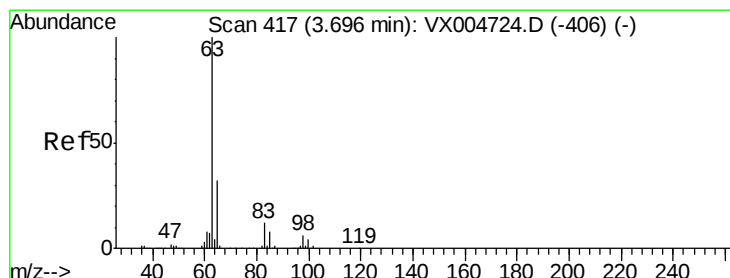
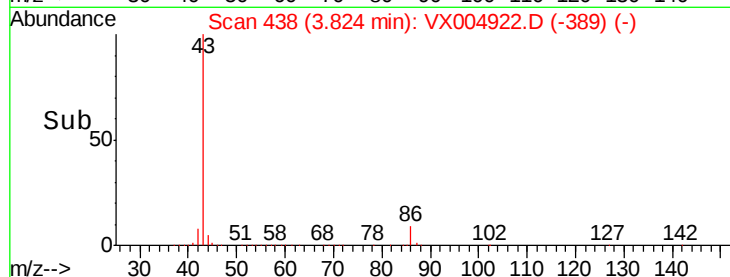
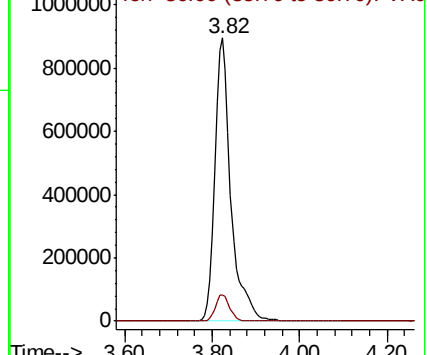
43 100

86 9.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.530 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

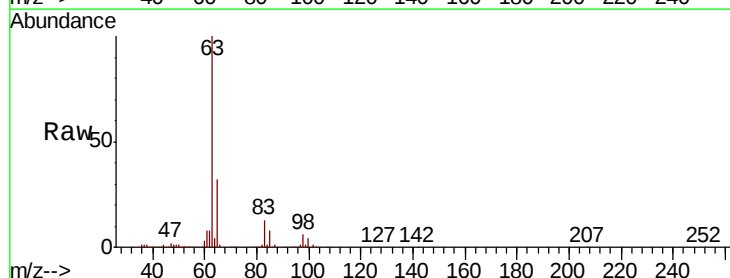
Tgt Ion: 63 Resp: 283201

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

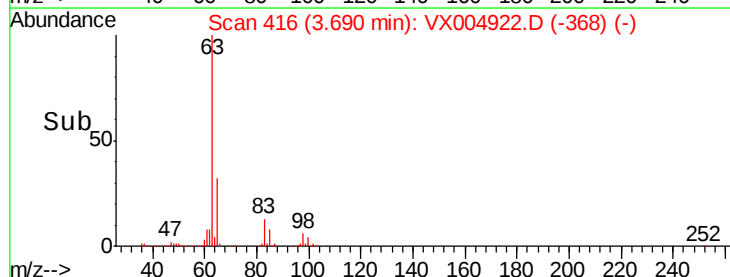
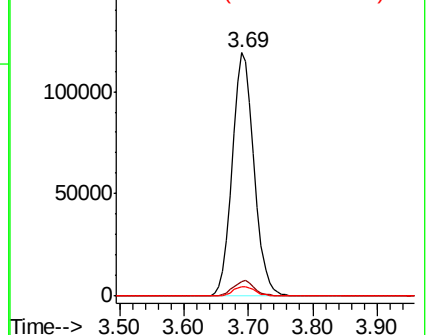
100 3.9 2.0 5.8

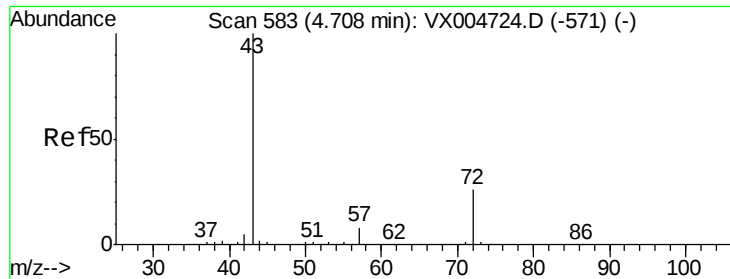


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 252.063 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

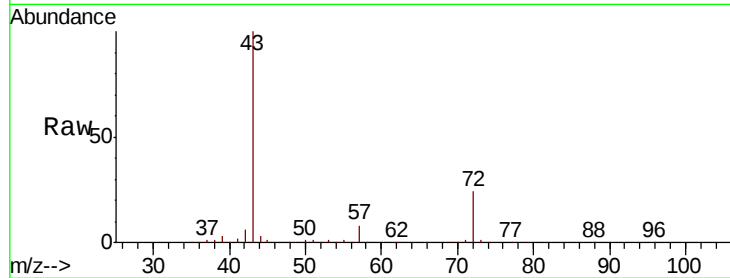
VSTDCCC050

Tot Ion: 43 Resp: 761442

Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

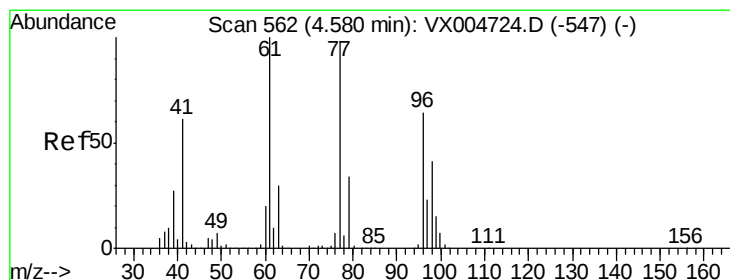
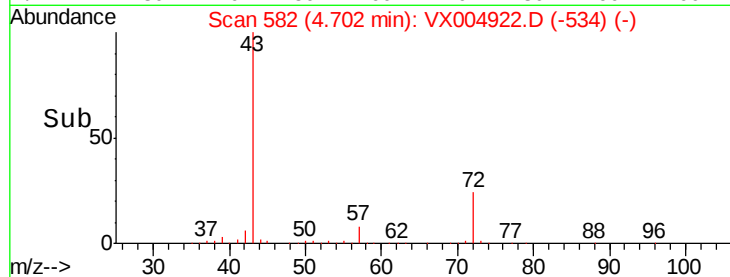
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.750 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004922.D

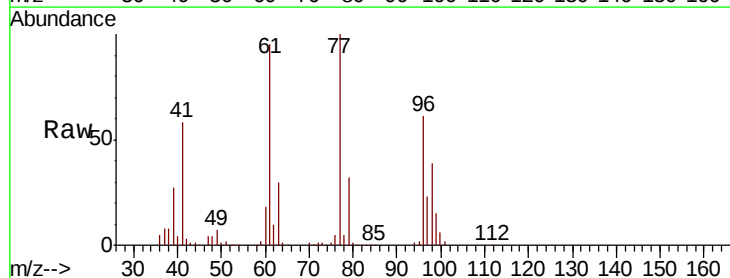
Acq: 02 Oct 2018 16:43

Tgt Ion: 77 Resp: 218420

Ion Ratio Lower Upper

77 100

97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

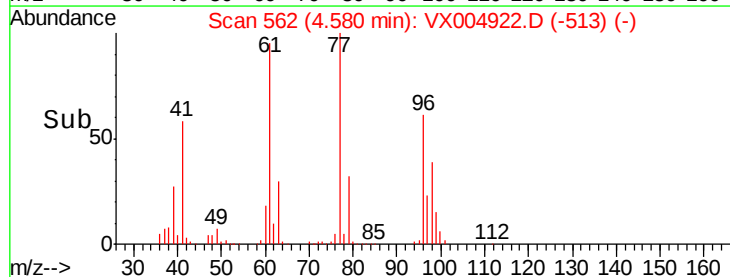
40000

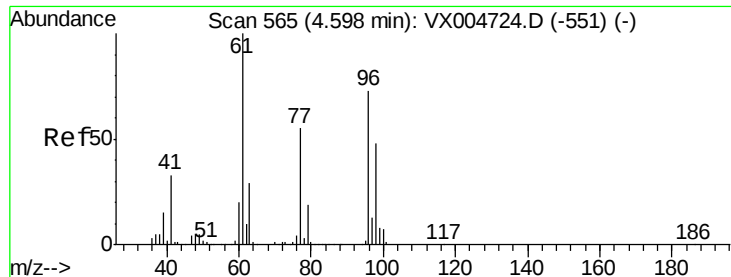
20000

0

4.40 4.50 4.60 4.70

Time-->



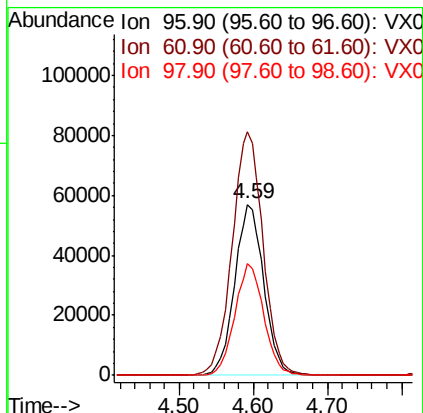
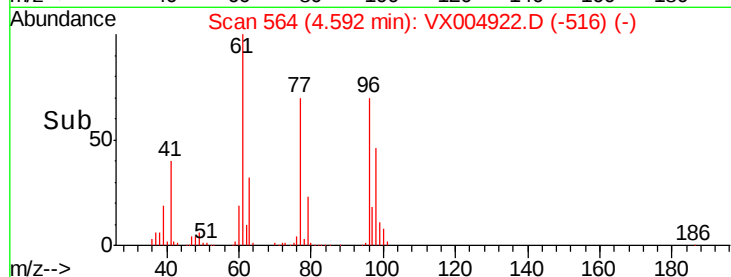
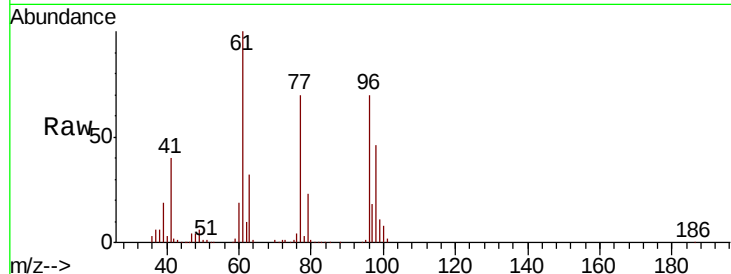


#27

cis-1,2-Dichloroethene
Concen: 47.861 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

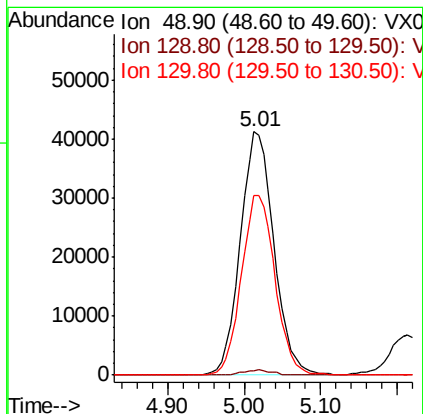
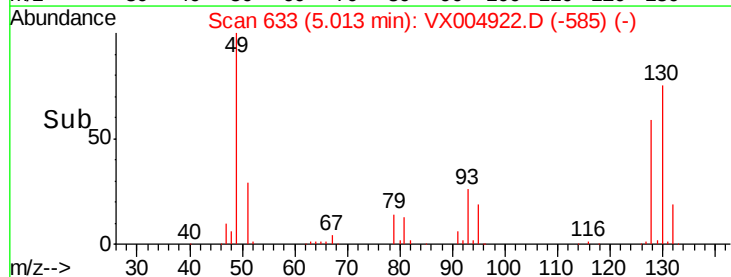
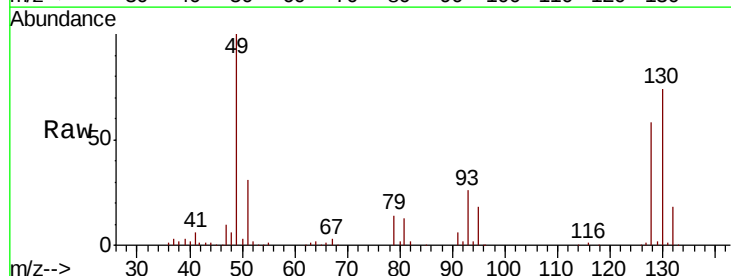
Tot Ion: 96 Resp: 155840
Ion Ratio Lower Upper
96 100
61 150.7 0.0 285.8
98 65.3 0.0 136.2



#28

Bromochloromethane
Concen: 45.805 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 49 Resp: 125874
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 74.0 62.0 93.0





#29

Tetrahydrofuran

Concen: 254.306 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

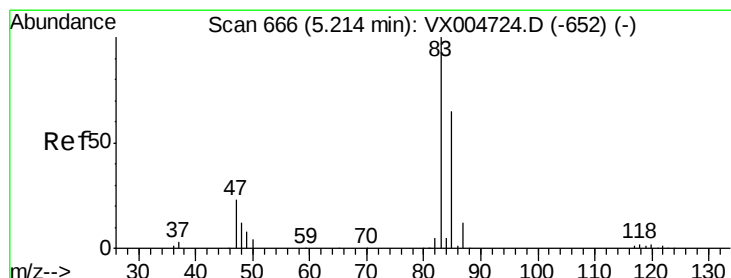
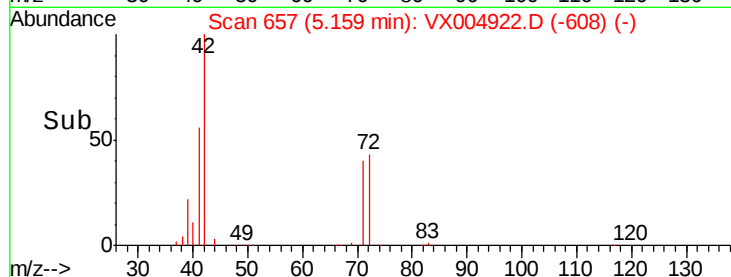
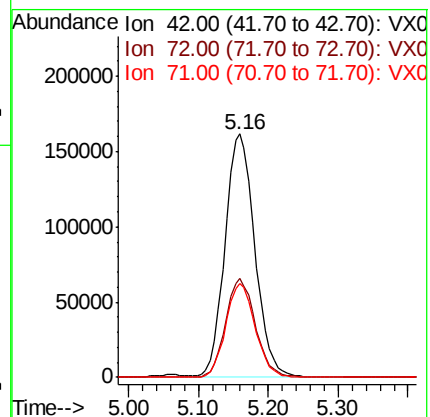
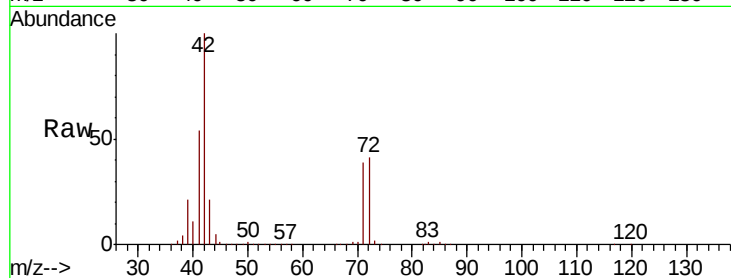
Tot Ion: 42 Resp: 477474

Ion Ratio Lower Upper

42 100

72 40.9 33.7 50.5

71 38.2 32.2 48.4



#30

Chloroform

Concen: 47.199 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004922.D

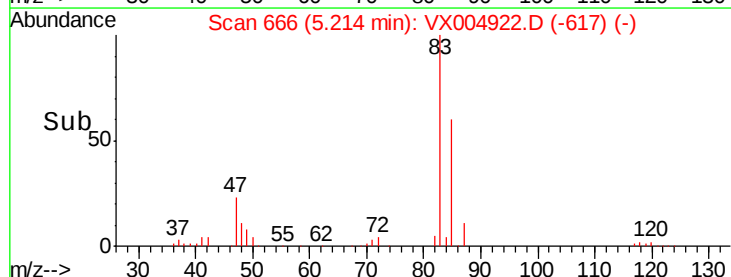
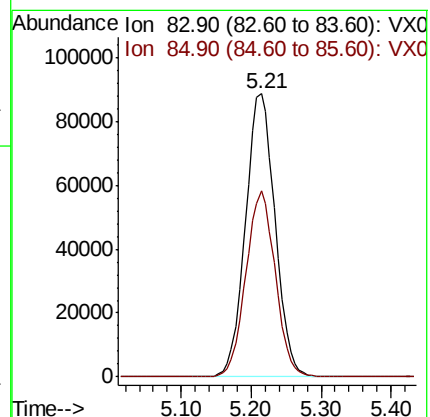
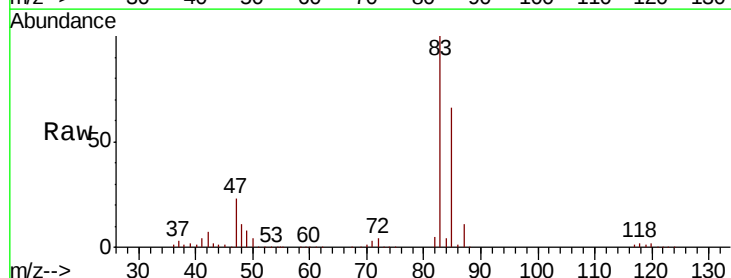
Acq: 02 Oct 2018 16:43

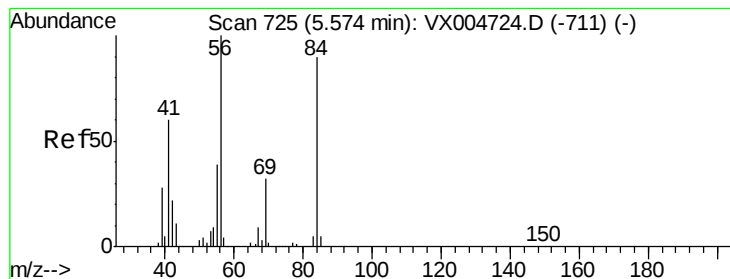
Tgt Ion: 83 Resp: 260311

Ion Ratio Lower Upper

83 100

85 65.7 52.4 78.6





#31

Cyclohexane

Concen: 54.805 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

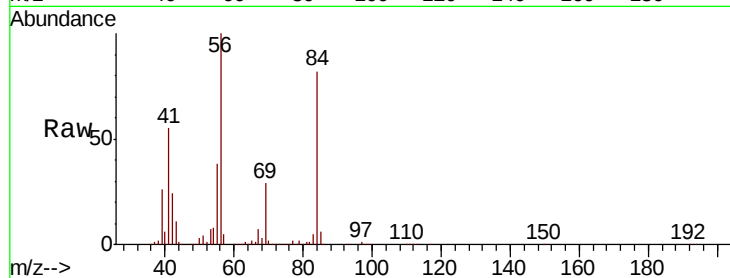
Tot Ion: 56 Resp: 244777

Ion Ratio Lower Upper

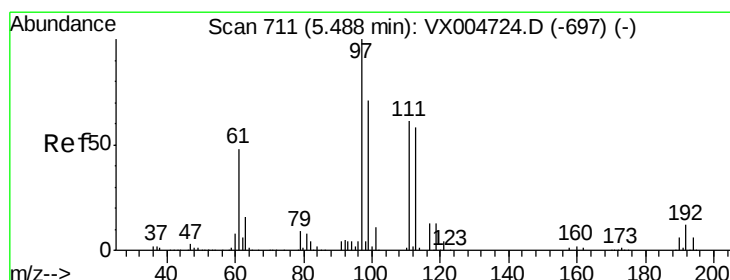
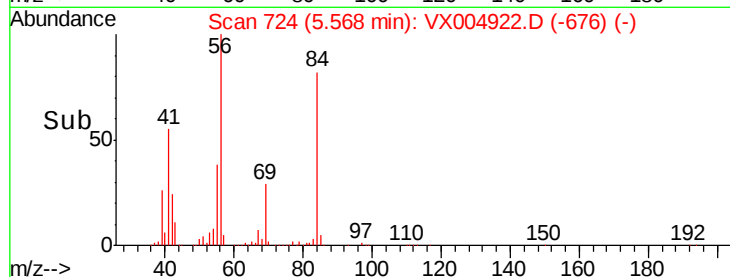
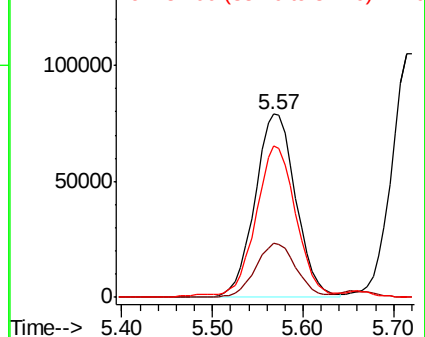
56 100

69 29.3 25.9 38.9

84 81.2 71.9 107.9



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: 49.871 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

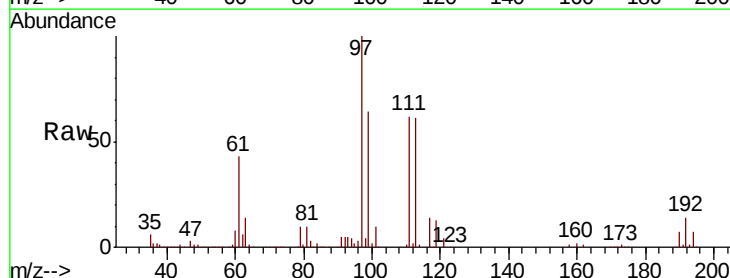
Tgt Ion: 97 Resp: 224626

Ion Ratio Lower Upper

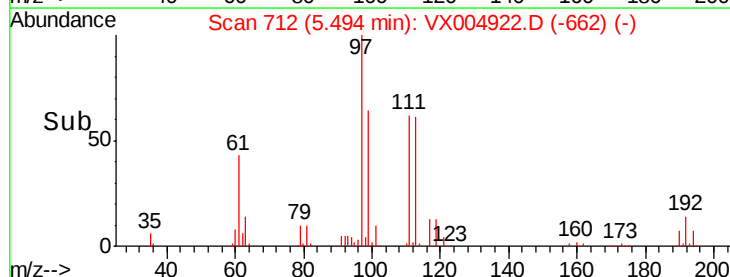
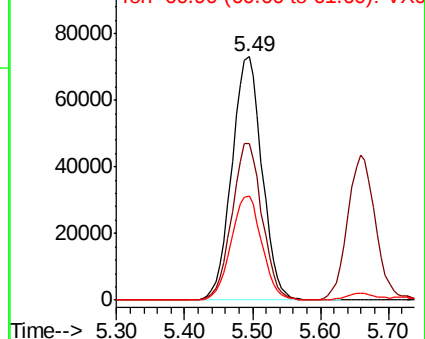
97 100

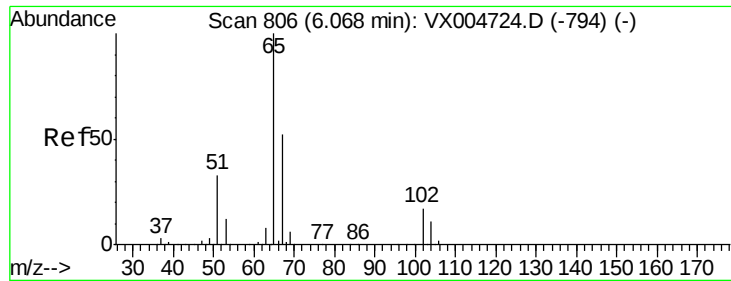
99 64.5 54.6 82.0

61 43.8 37.5 56.3



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: 45.775 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

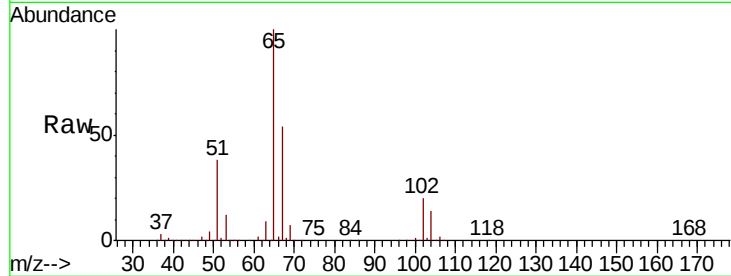
VSTDCCC050

Tot Ion: 65 Resp: 160685

Ion Ratio Lower Upper

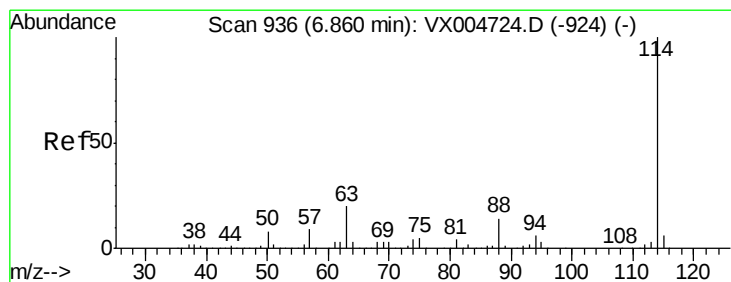
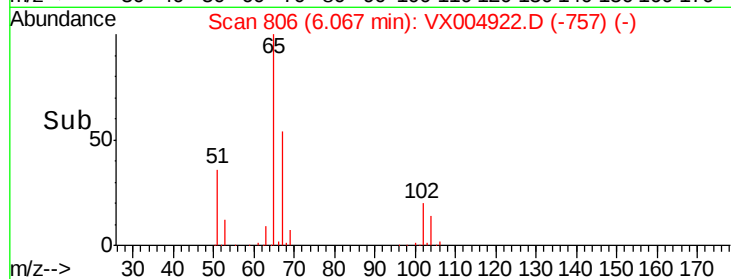
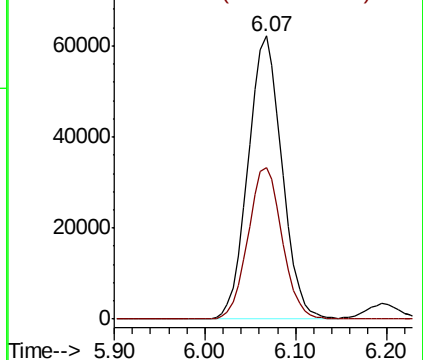
65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

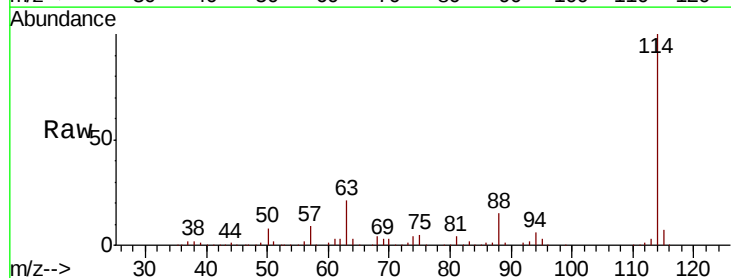
Tgt Ion: 114 Resp: 348451

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

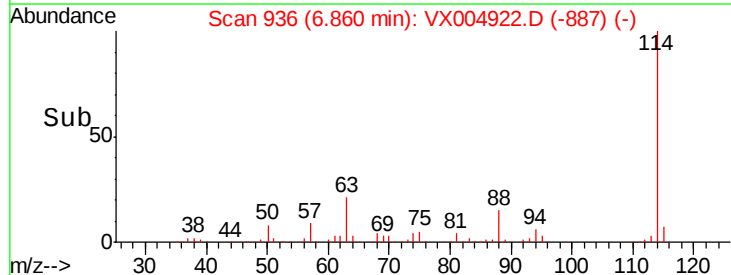
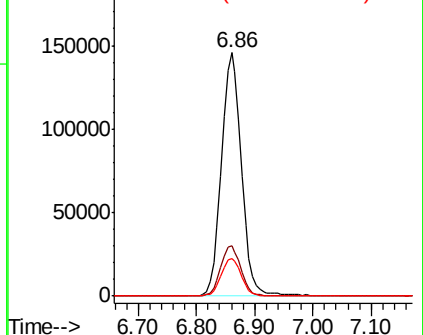
88 15.3 0.0 27.0



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

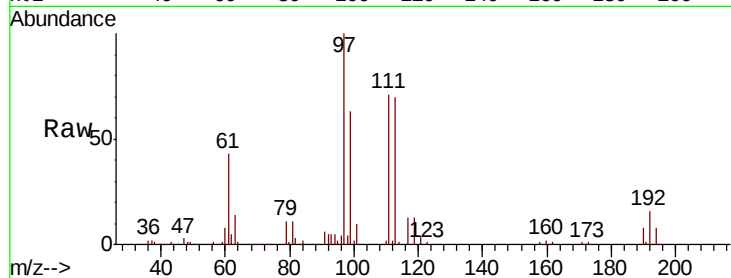




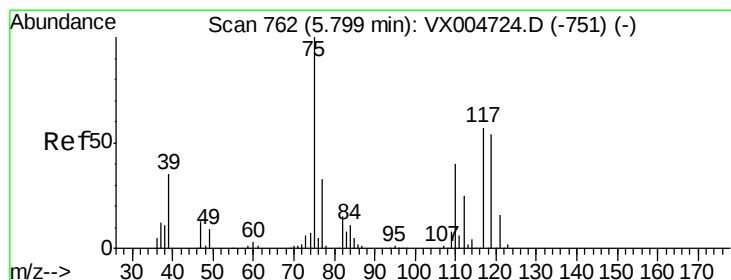
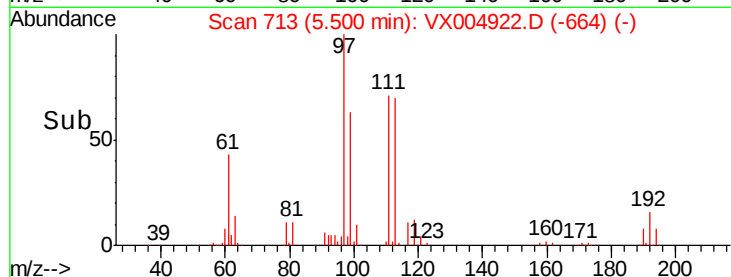
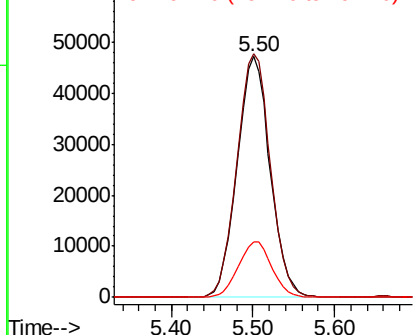
#35
 Dibromofluoromethane
 Concen: 44.792 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 132278
 Ion Ratio Lower Upper
 113 100
 111 102.7 77.0 115.4
 192 23.4 17.0 25.6

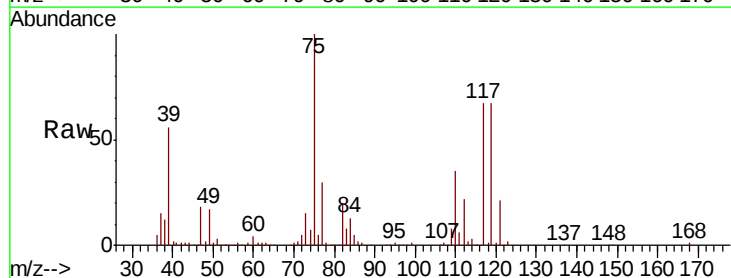


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

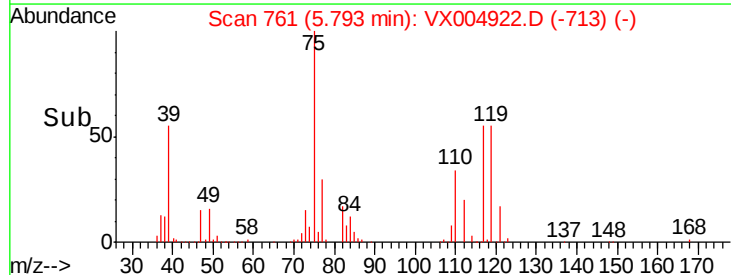
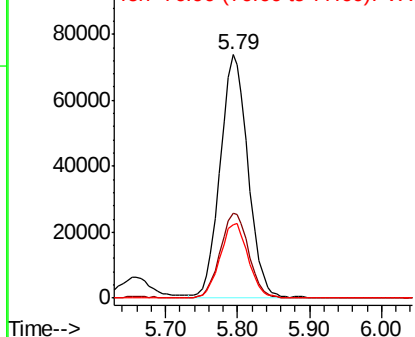


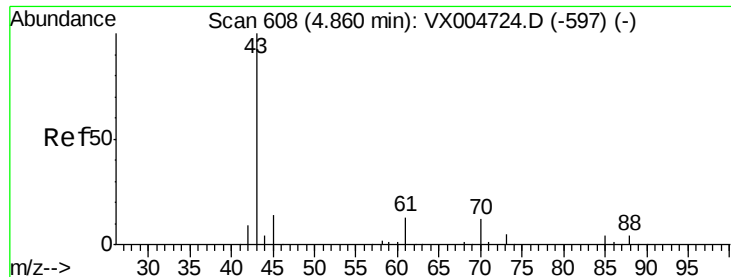
#36
 1,1-Dichloropropene
 Concen: 48.923 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 75 Resp: 197122
 Ion Ratio Lower Upper
 75 100
 110 36.0 20.0 59.9
 77 31.3 27.1 40.7



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

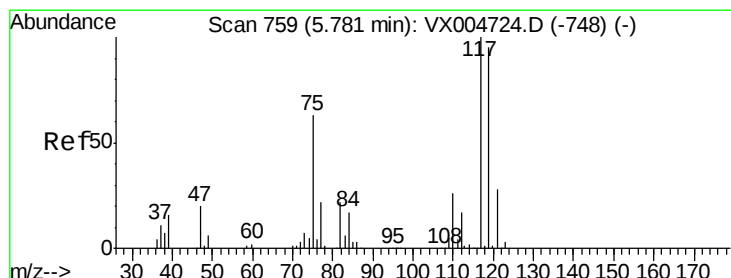
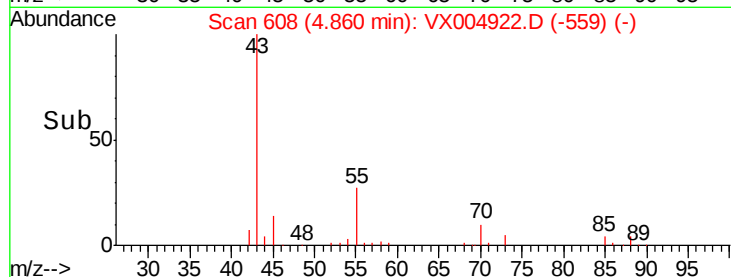
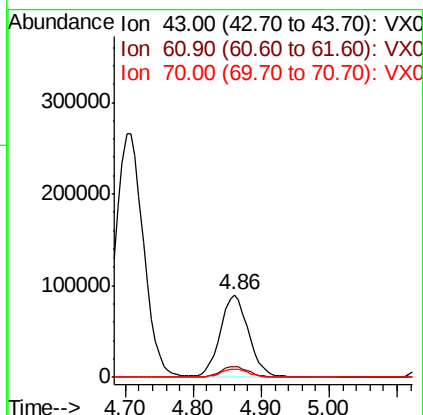
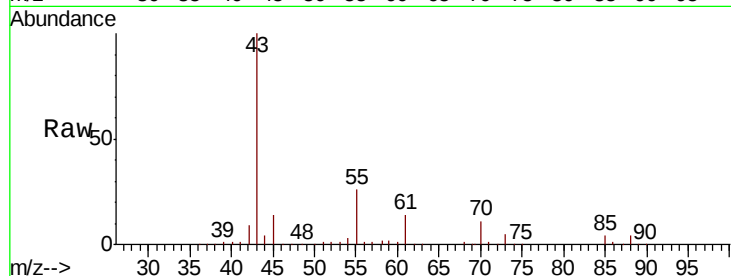




#37
Ethyl Acetate
Concen: 48.698 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

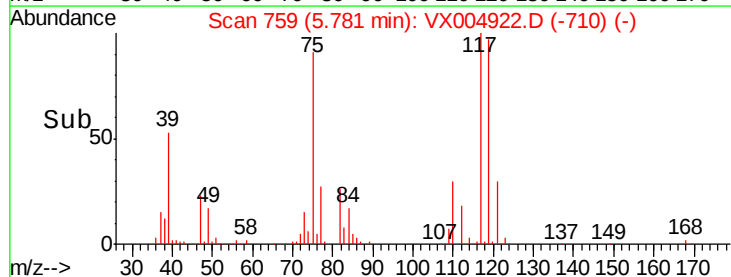
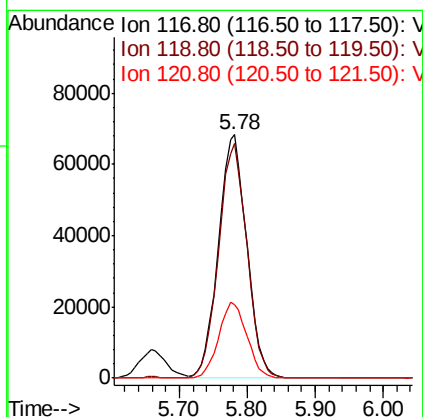
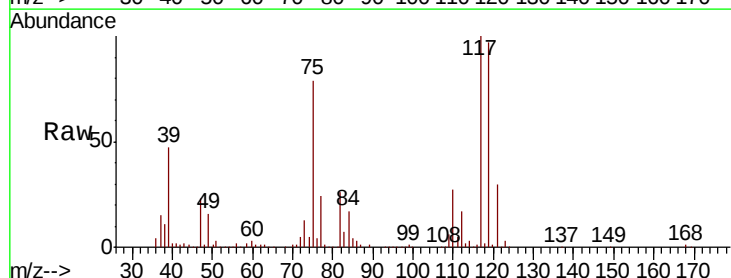
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

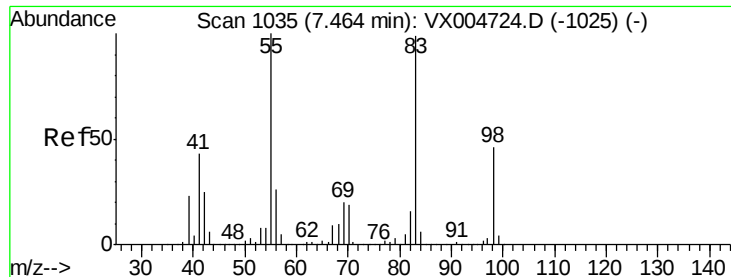
Tot Ion: 43 Resp: 260456
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 46.611 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 117 Resp: 197418
Ion Ratio Lower Upper
117 100
119 96.6 75.2 112.8
121 29.9 22.5 33.7

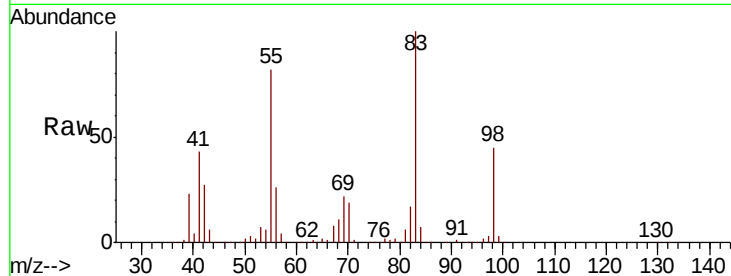




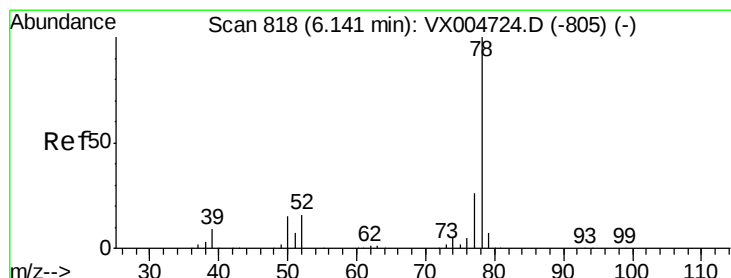
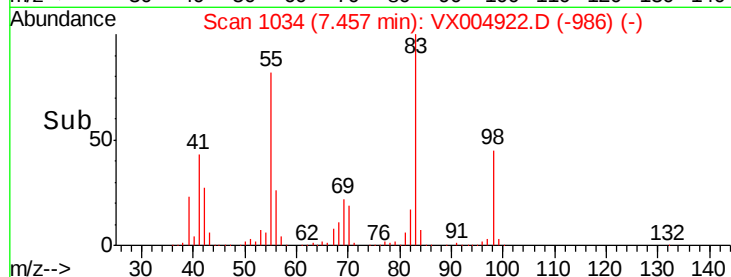
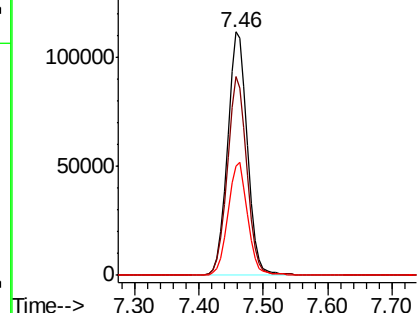
#39
Methvlcvclohexane
Concen: 59.270 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 243853
Ion Ratio Lower Upper
83 100
55 81.5 81.1 121.7
98 45.0 37.3 55.9

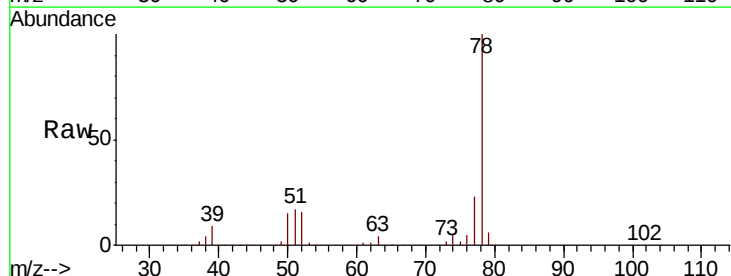


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

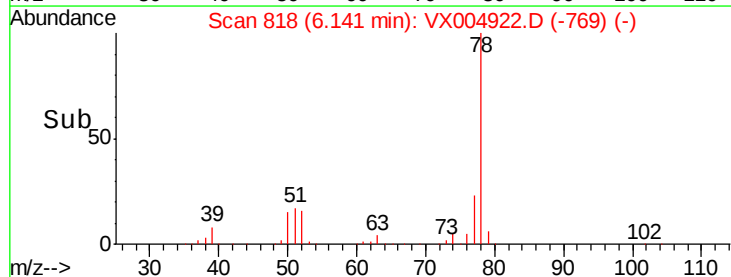
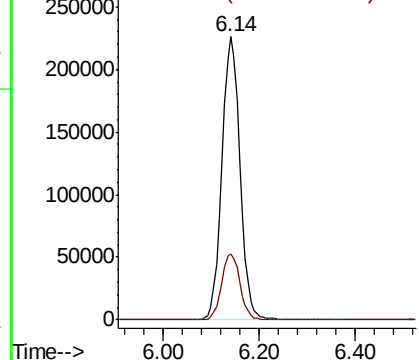


#40
Benzene
Concen: 46.938 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 78 Resp: 592082
Ion Ratio Lower Upper
78 100
77 23.4 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

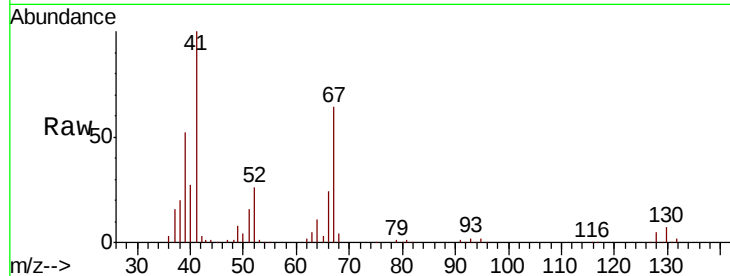




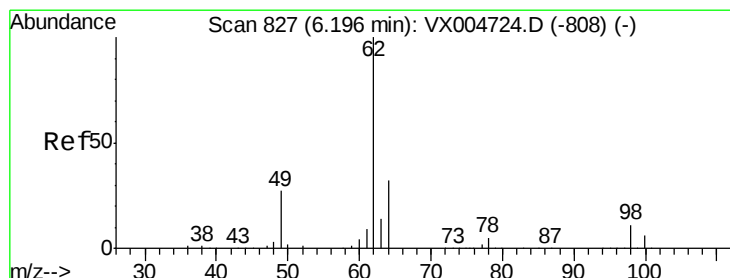
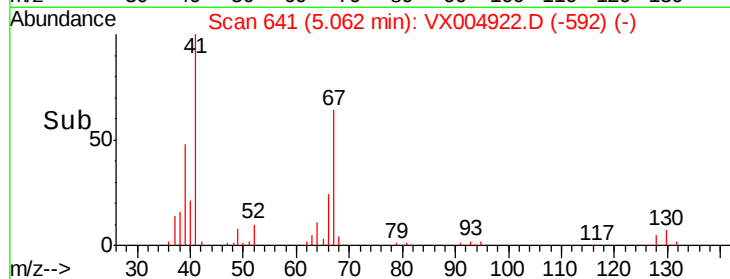
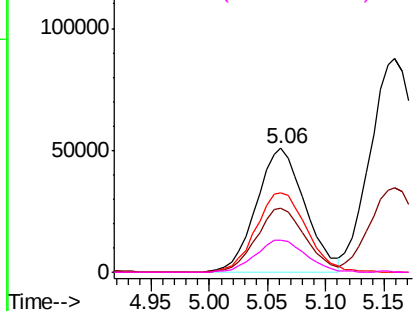
#41
Methacrylonitrile
Concen: 49.407 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	146547
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.5	63.7
67	67.4	53.0	79.6
52	26.8	19.8	29.8

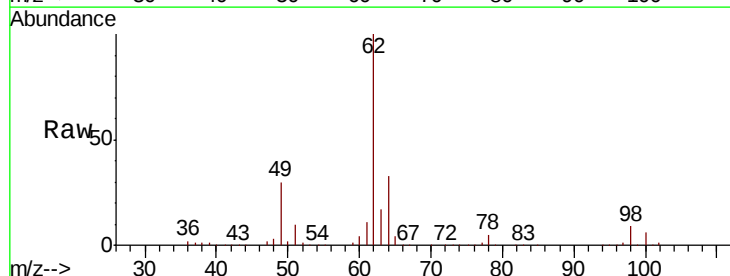


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

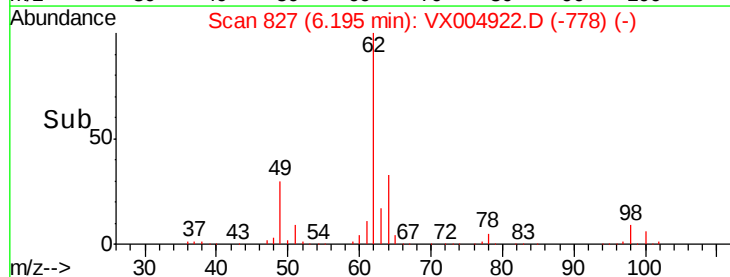
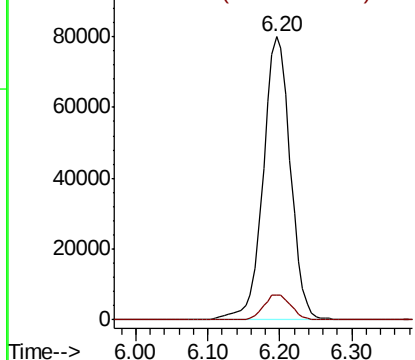


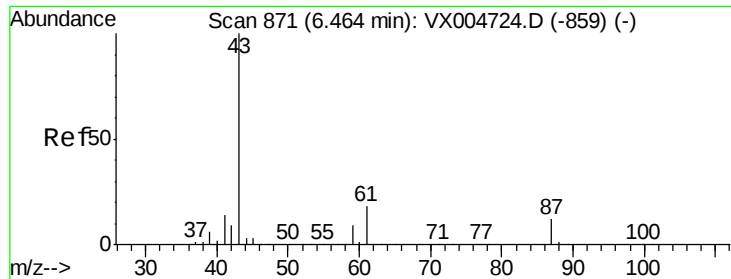
#42
1,2-Dichloroethane
Concen: 47.036 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:	62	Resp:	209746
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.792 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

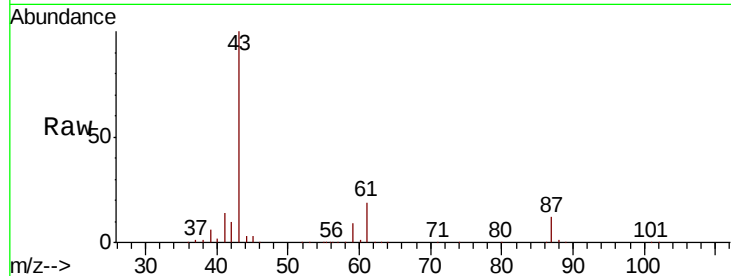
Tot Ion: 43 Resp: 392095

Ion Ratio Lower Upper

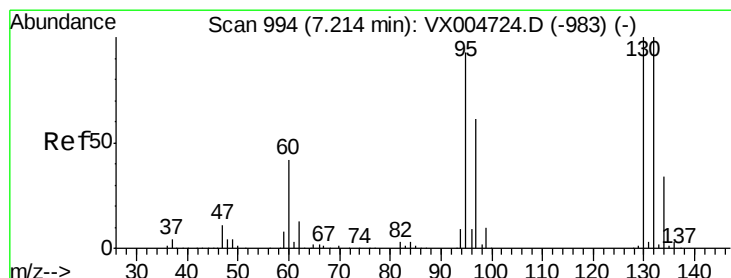
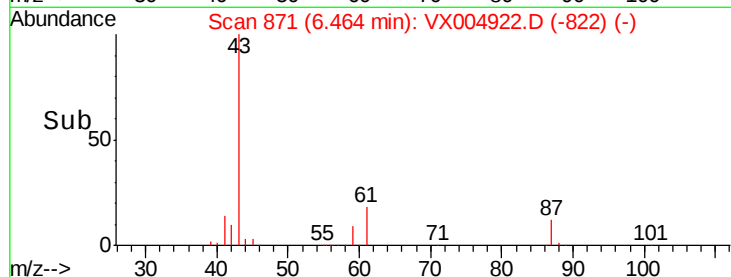
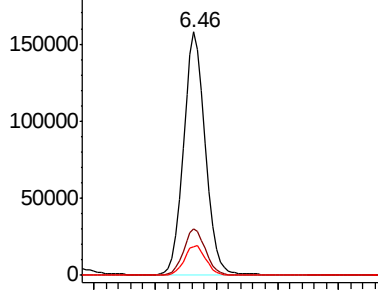
43 100

61 19.4 14.2 21.4

87 12.3 9.3 13.9



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: 51.031 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004922.D

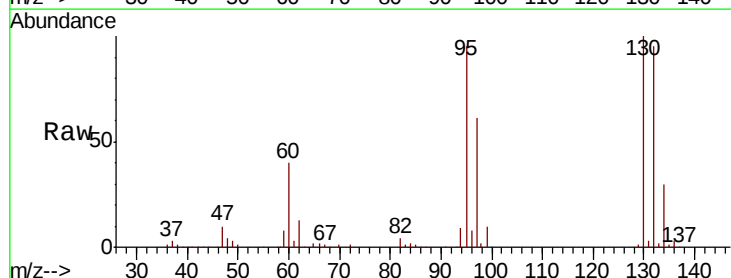
Acq: 02 Oct 2018 16:43

Tgt Ion:130 Resp: 158246

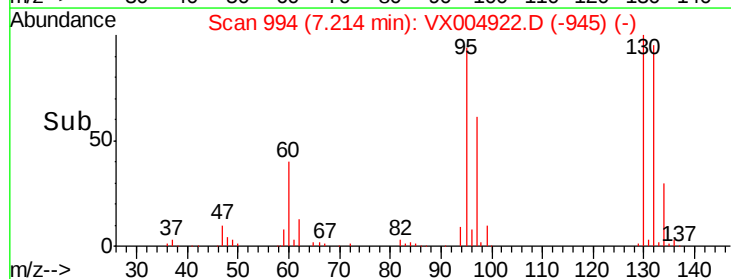
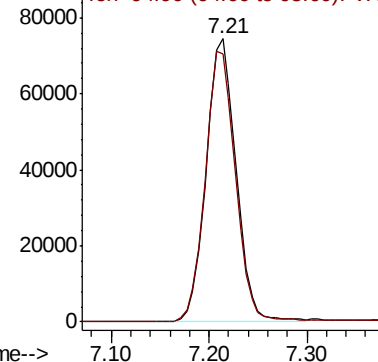
Ion Ratio Lower Upper

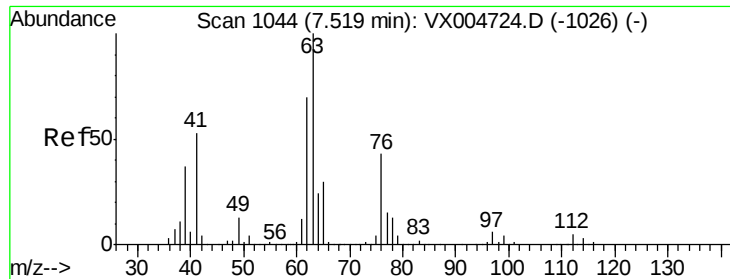
130 100

95 94.6 0.0 186.8



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

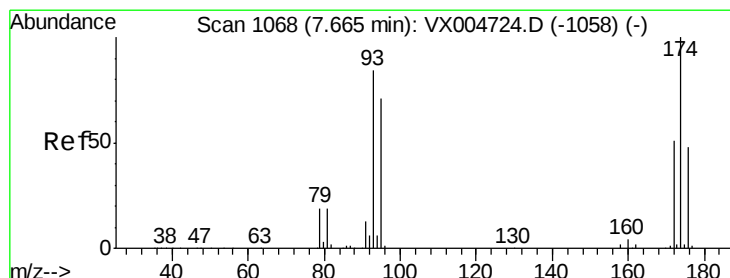
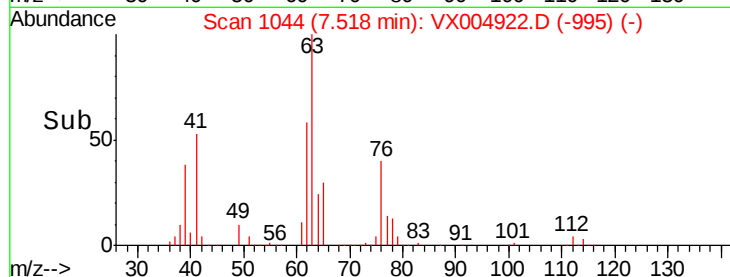
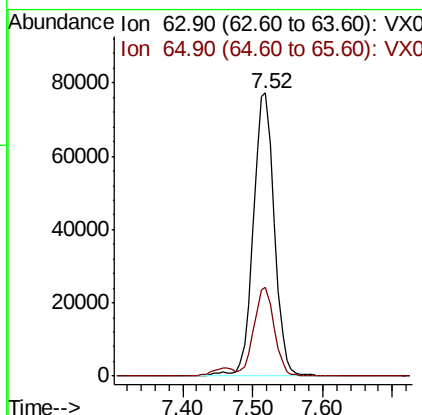
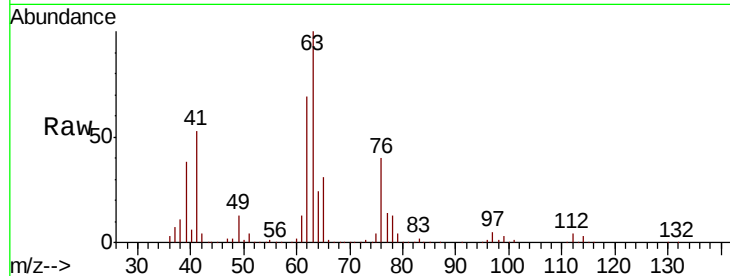




#45
 1,2-Dichloropropane
 Concen: 52.118 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

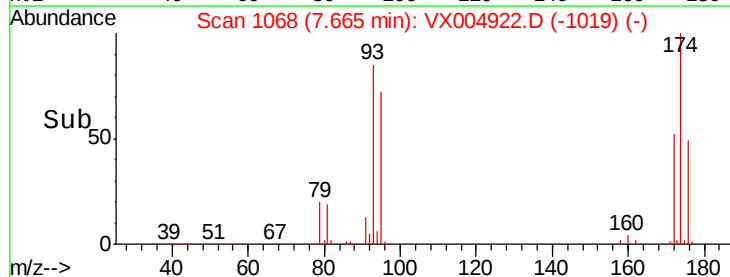
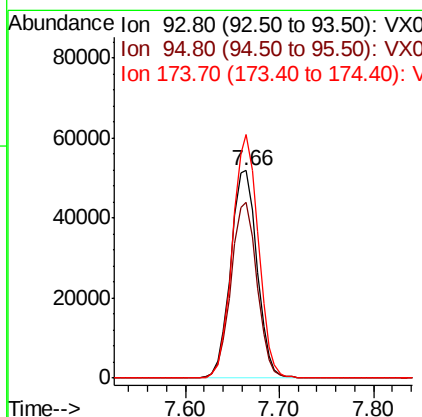
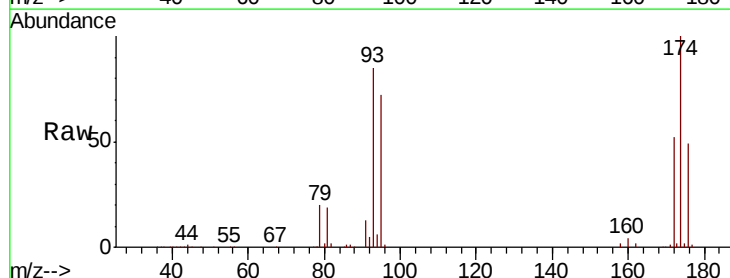
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

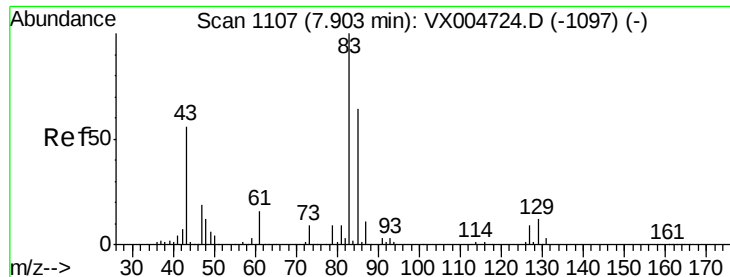
Tot Ion: 63 Resp: 161222
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9



#46
 Dibromomethane
 Concen: 52.205 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 93 Resp: 101491
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 114.6 92.7 139.1





#47

Bromodichloromethane

Concen: 54.367 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

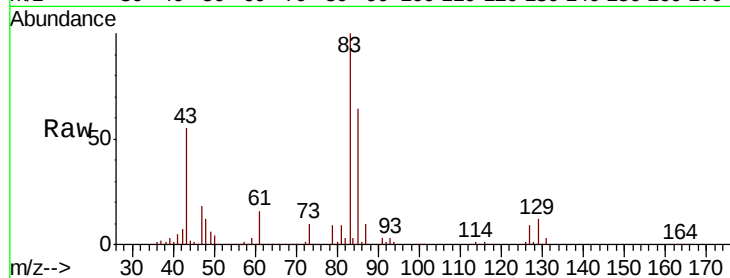
Tot Ion: 83 Resp: 197887

Ion Ratio Lower Upper

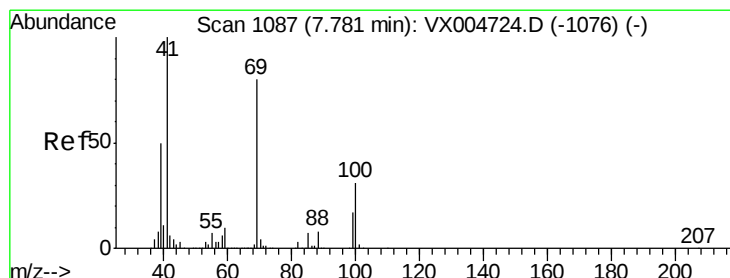
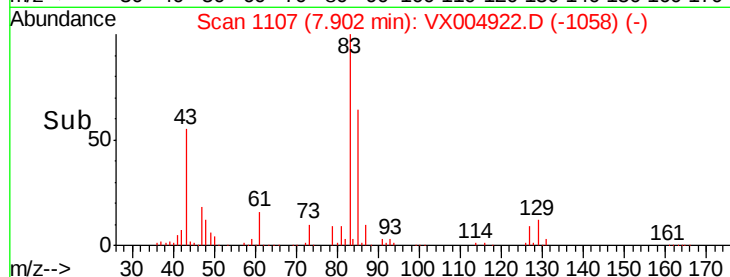
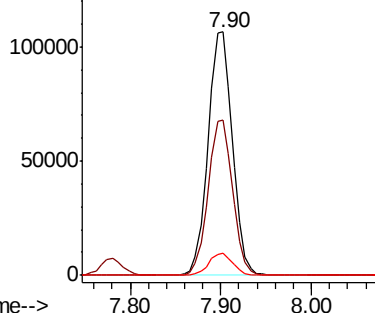
83 100

85 64.0 51.2 76.8

127 8.9 7.0 10.6



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: 59.332 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

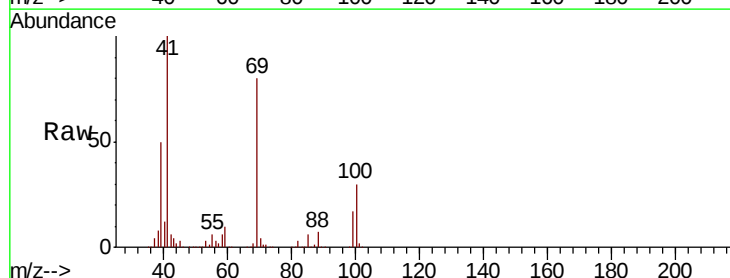
Tgt Ion: 41 Resp: 207890

Ion Ratio Lower Upper

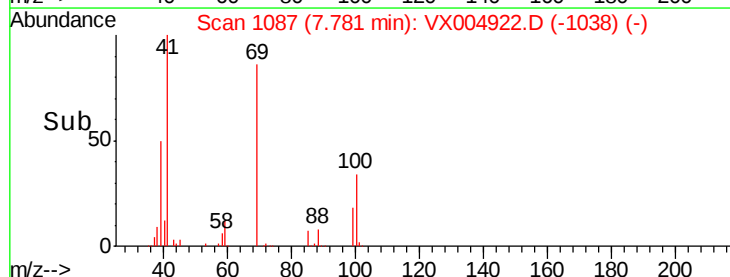
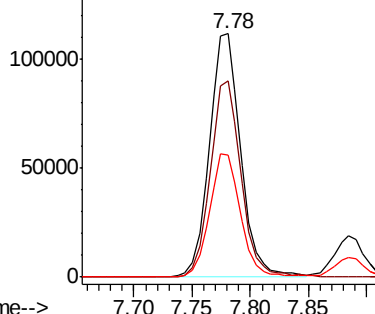
41 100

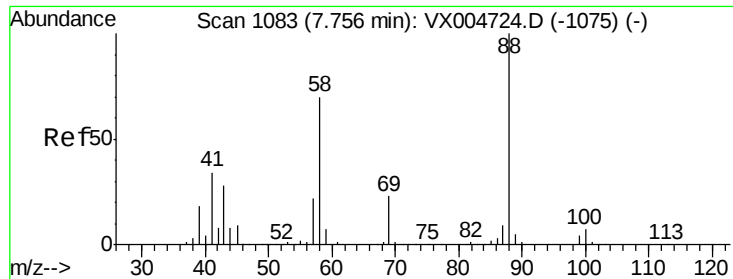
69 79.6 63.8 95.6

39 50.2 40.7 61.1



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

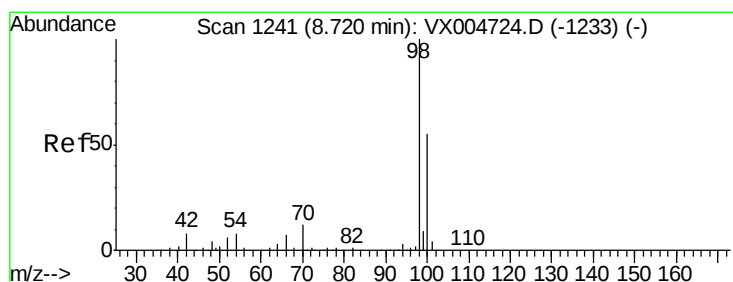
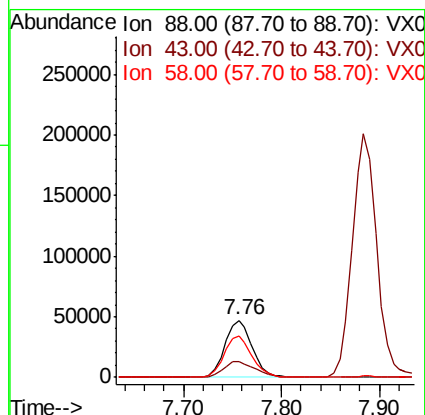
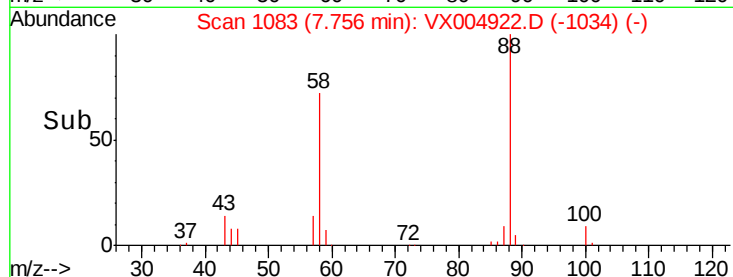
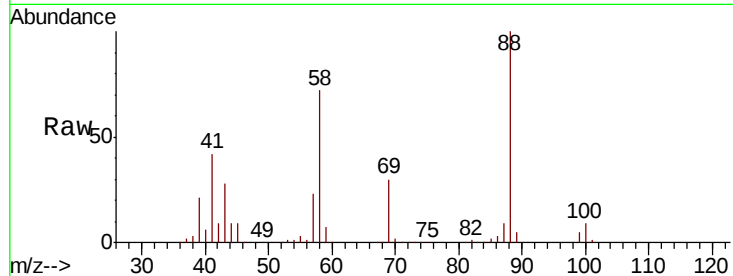




#49
1,4-Dioxane
Concen: 1043.467 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

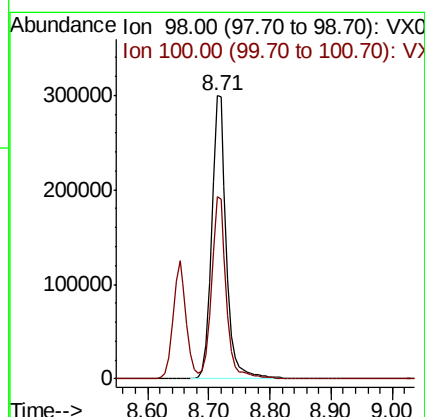
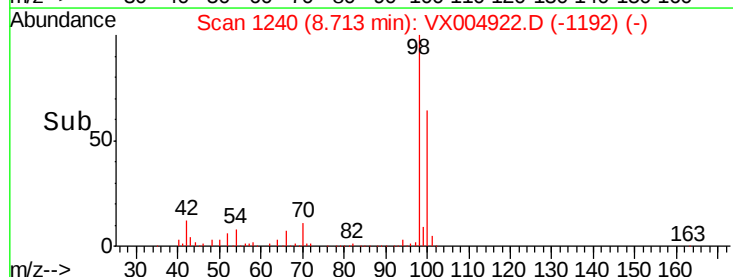
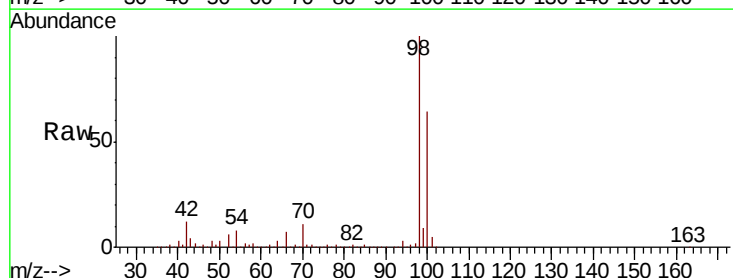
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

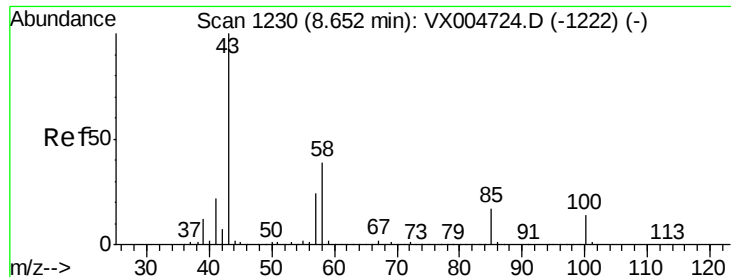
Tot Ion: 88 Resp: 90832
Ion Ratio Lower Upper
88 100
43 32.2 25.1 37.7
58 73.6 56.2 84.2



#50
Toluene-d8
Concen: 51.862 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 98 Resp: 509171
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

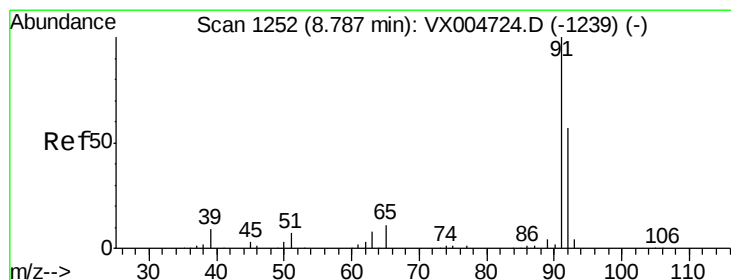
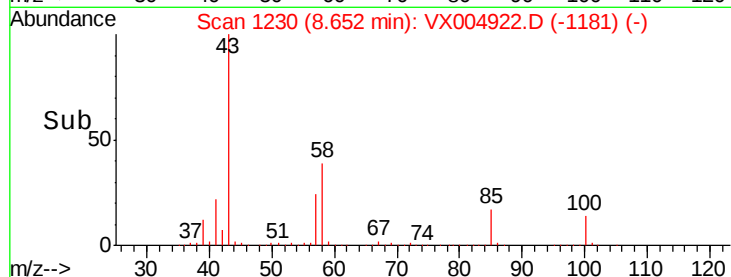
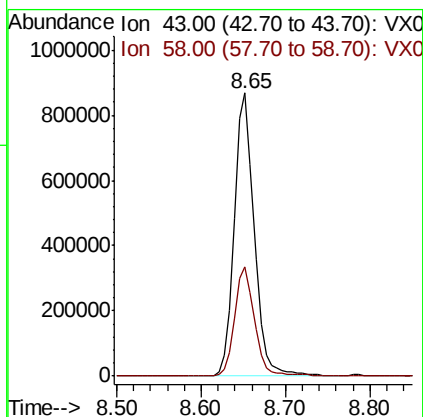
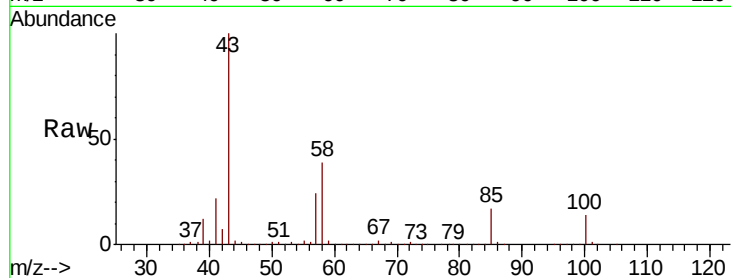




#51
 4-Methyl-2-Pentanone
 Concen: 286.705 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

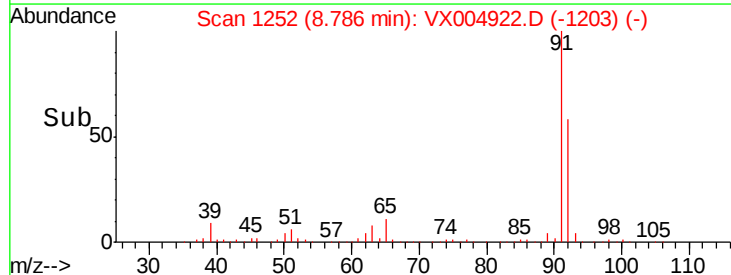
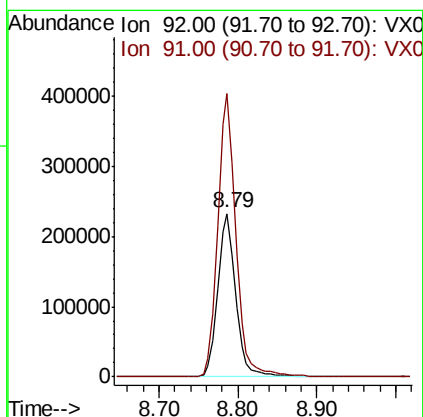
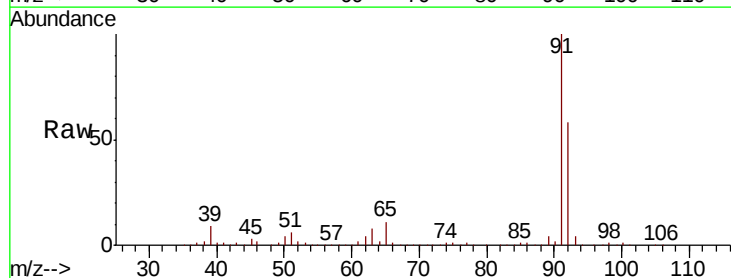
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

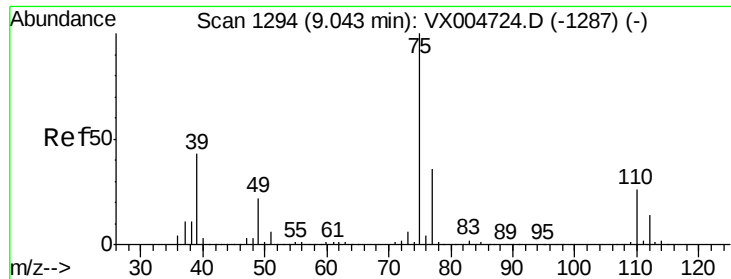
Tot Ion: 43 Resp: 1393560
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.5 45.7



#52
 Toluene
 Concen: 53.850 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 92 Resp: 373250
 Ion Ratio Lower Upper
 92 100
 91 174.1 136.7 205.1

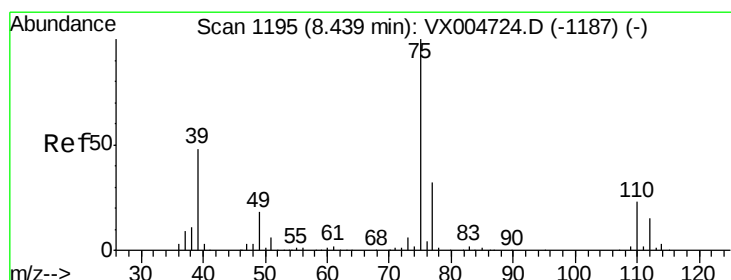
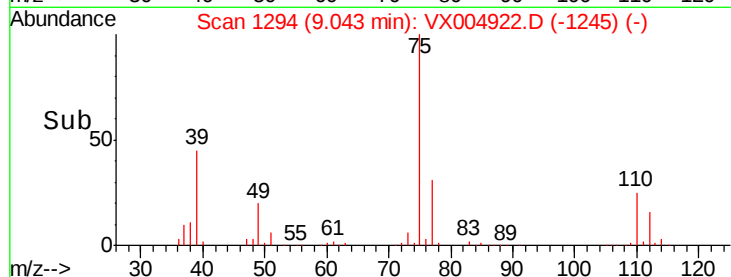
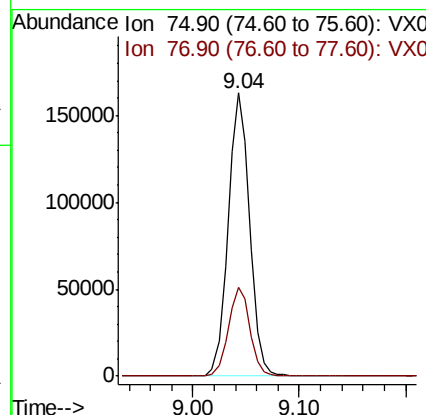
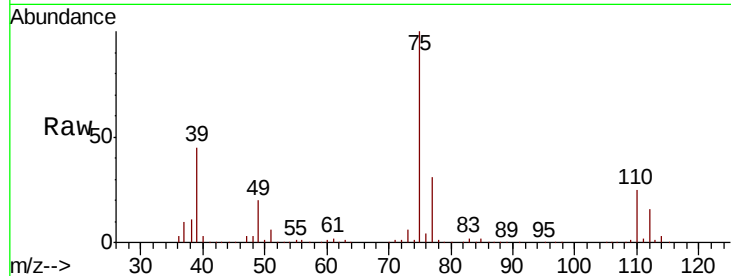




#53
t-1,3-Dichloropropene
Concen: 55.852 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

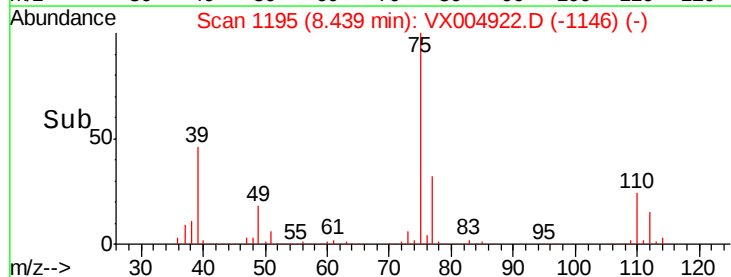
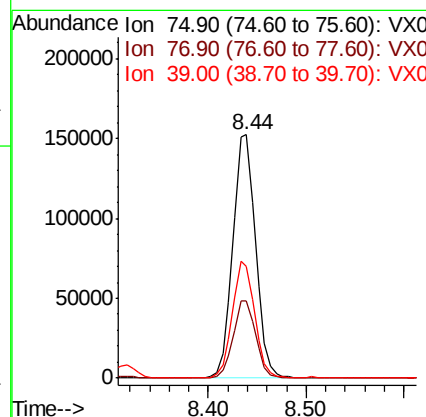
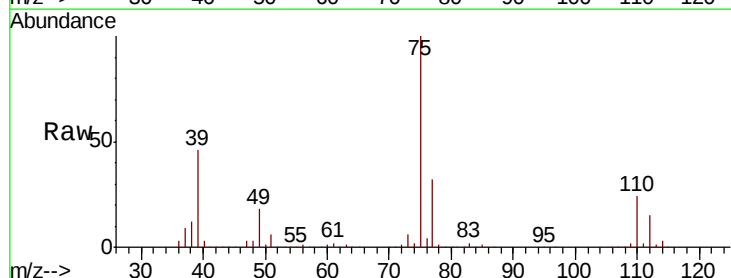
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 229729
Ion Ratio Lower Upper
75 100
77 31.4 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 57.320 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 75 Resp: 246948
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 46.0 38.3 57.5



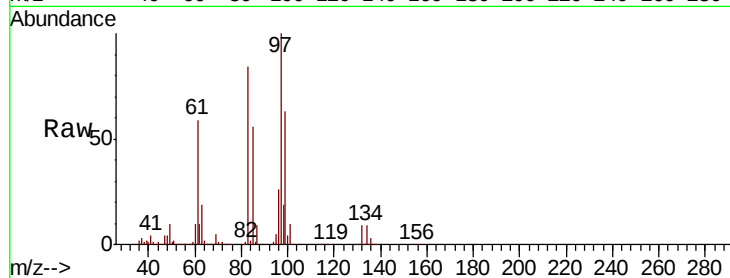


#55
 1,1,2-Trichloroethane
 Concen: 50.749 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 154082

Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.2	102.2
85	55.5	49.9	74.9
99	62.9	48.9	73.3



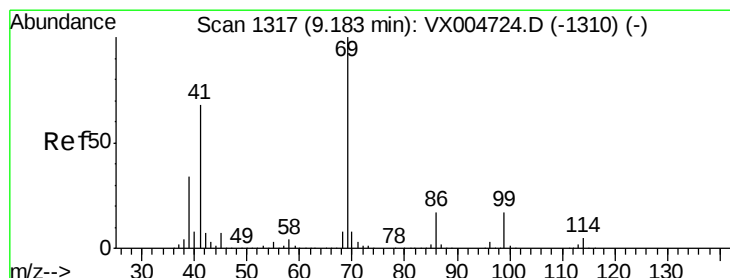
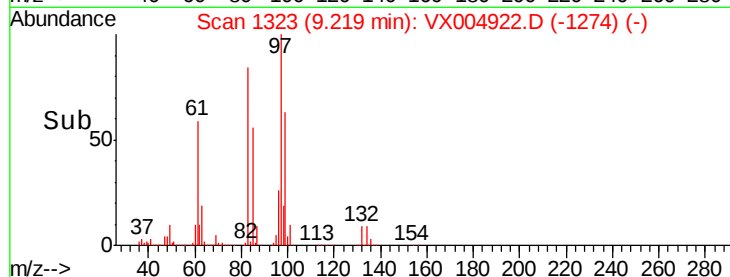
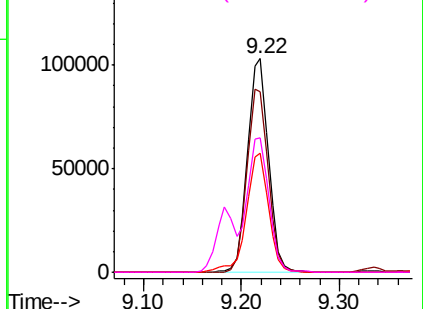
Abundance

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

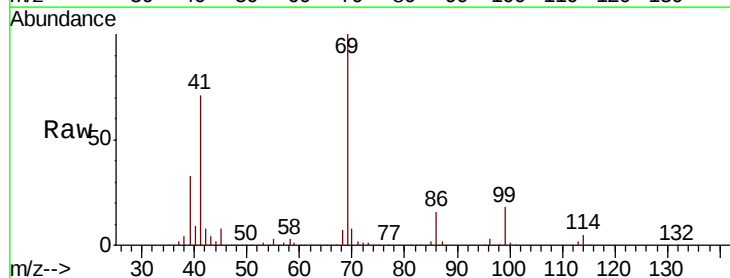
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 50.614 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 69 Resp: 249552

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.9	85.3
39	33.3	28.4	42.6

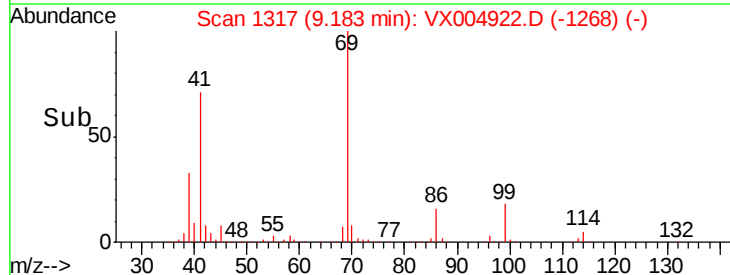
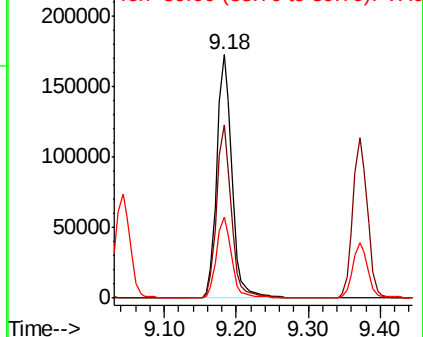


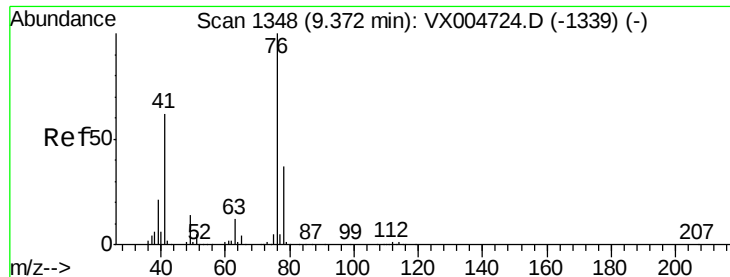
Abundance

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: 51.286 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

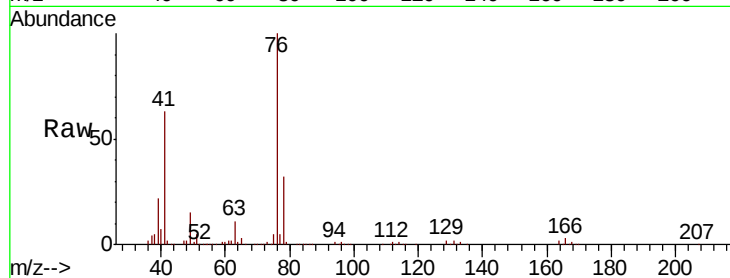
VSTDCCC050

Tot Ion: 76 Resp: 259154

Ion Ratio Lower Upper

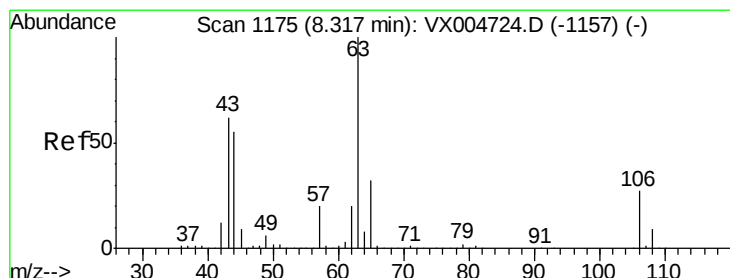
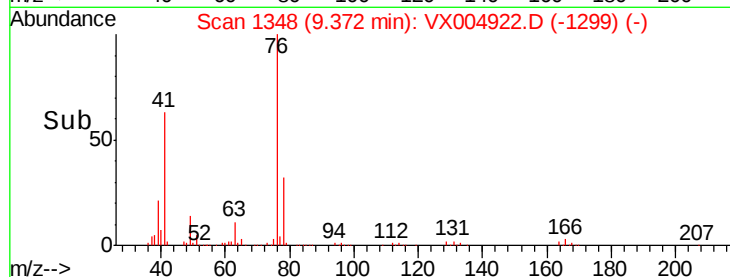
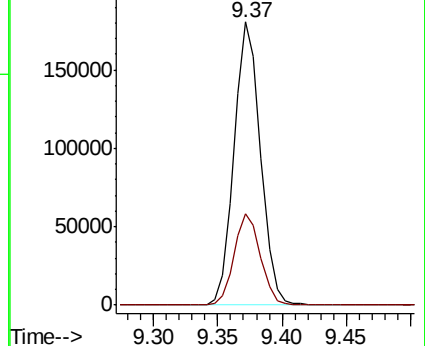
76 100

78 32.1 26.6 40.0



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: 255.185 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004922.D

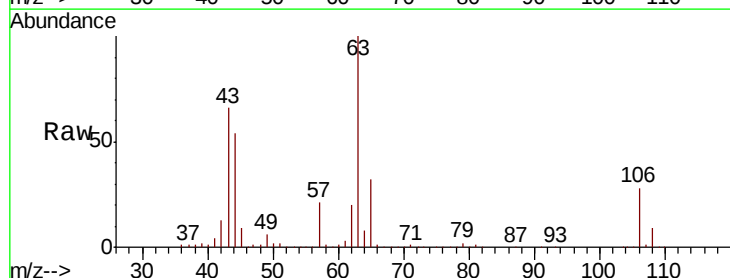
Acq: 02 Oct 2018 16:43

Tgt Ion: 63 Resp: 668401

Ion Ratio Lower Upper

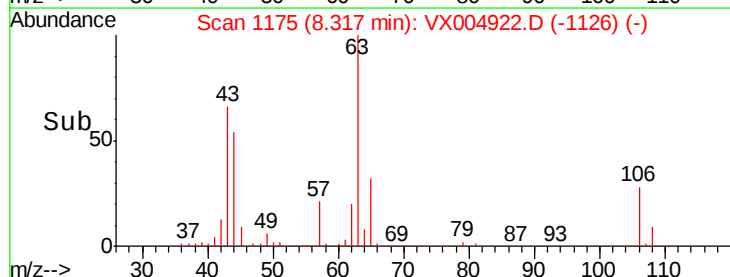
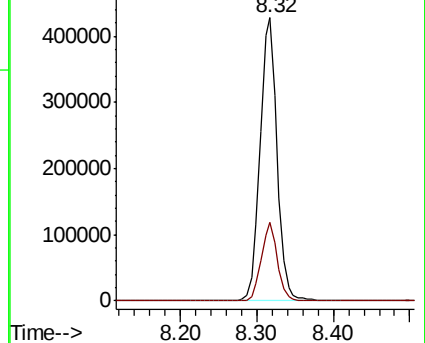
63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

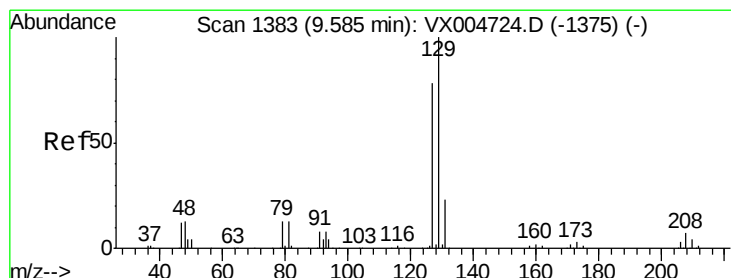
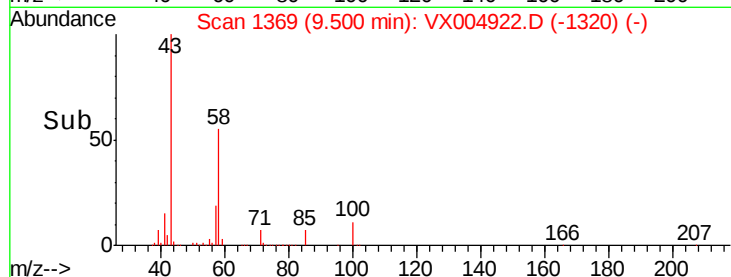
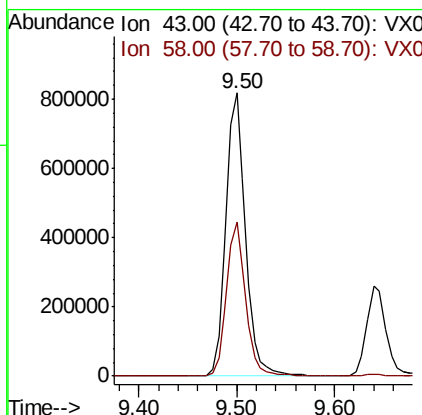
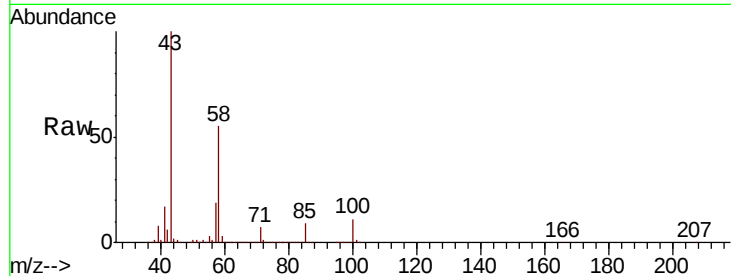




#59
2-Hexanone
Concen: 281.596 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

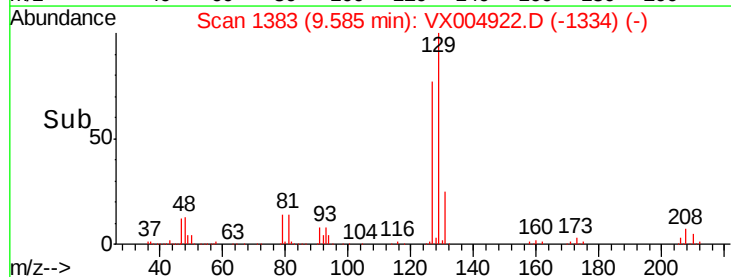
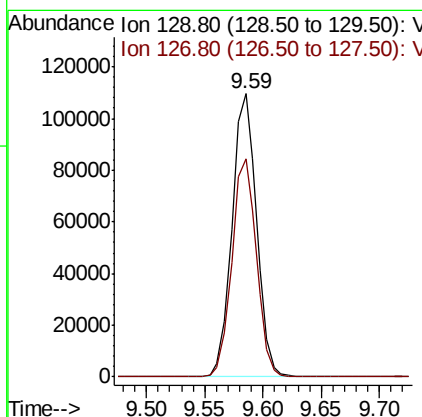
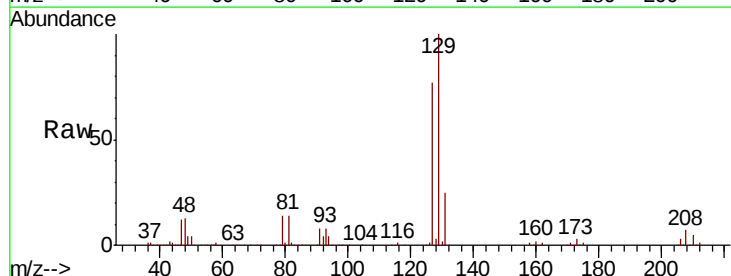
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

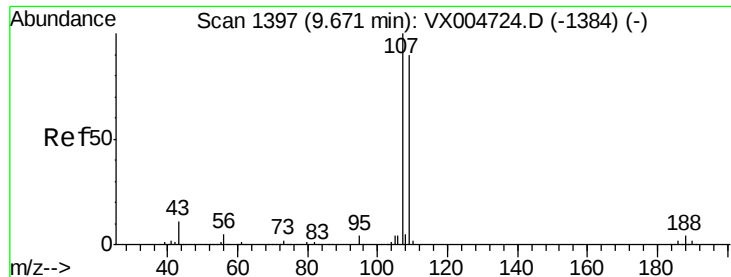
Tot Ion: 43 Resp: 1140588
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3



#60
Dibromochloromethane
Concen: 52.907 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 129 Resp: 160647
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.155 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

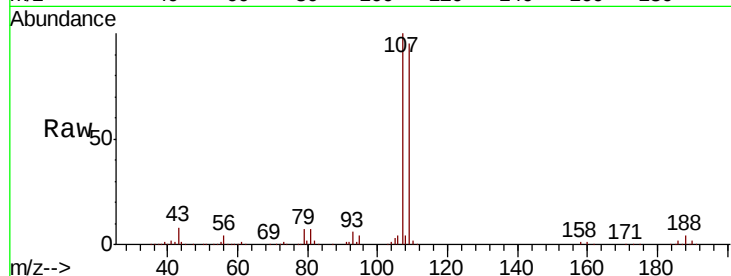
VSTDCCC050

Tot Ion:107 Resp: 159832

Ion Ratio Lower Upper

107 100

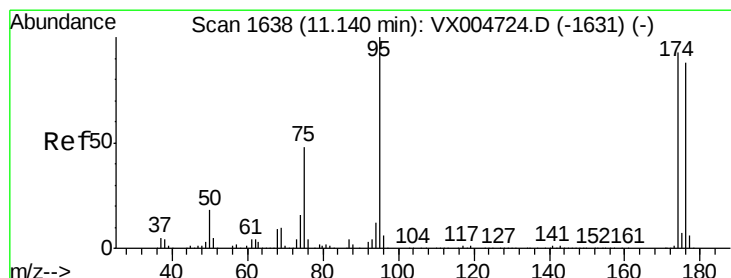
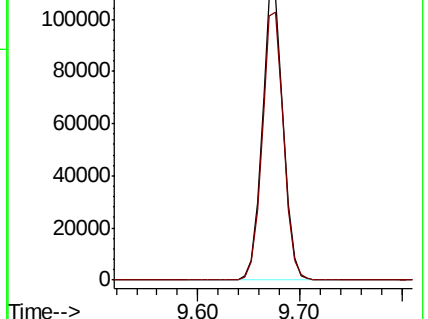
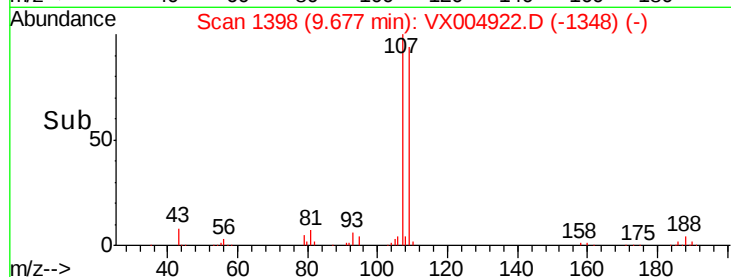
109 94.5 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68



#62

4-Bromofluorobenzene

Concen: 54.137 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

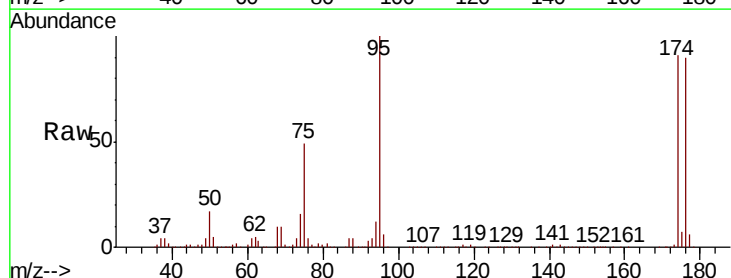
Tgt Ion: 95 Resp: 191479

Ion Ratio Lower Upper

95 100

174 90.1 0.0 185.0

176 88.4 0.0 180.2

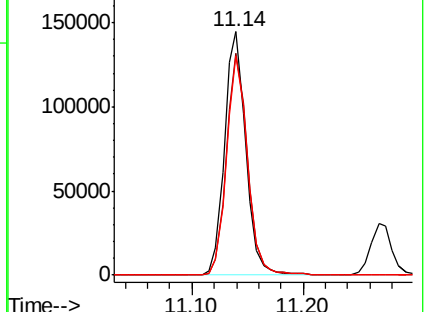
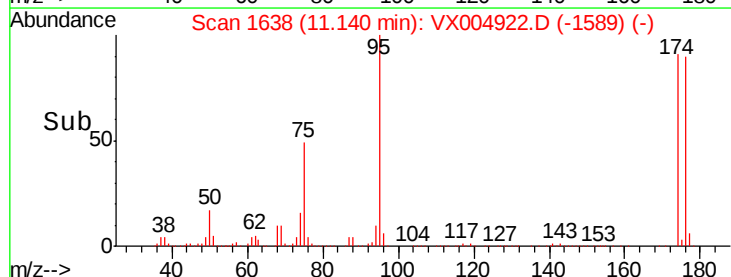


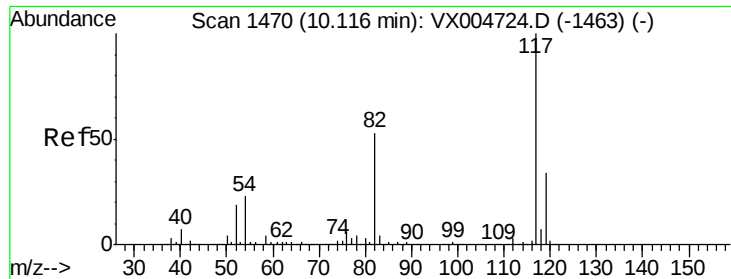
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

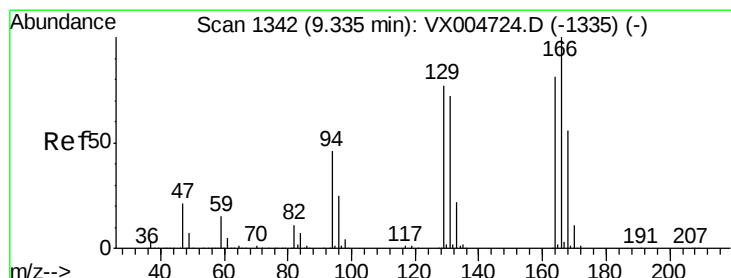
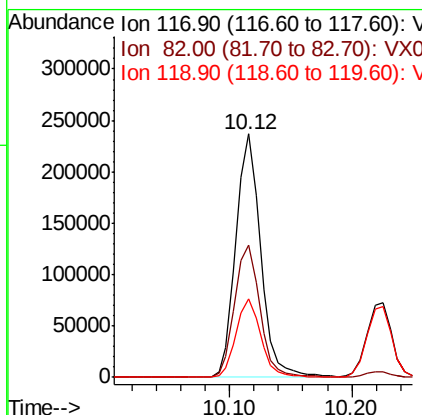
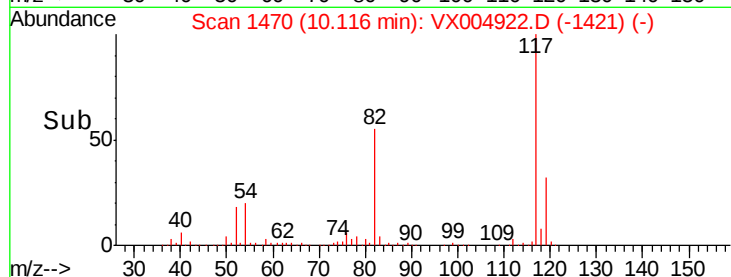
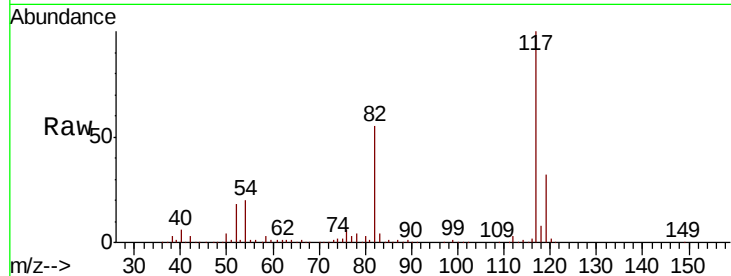




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

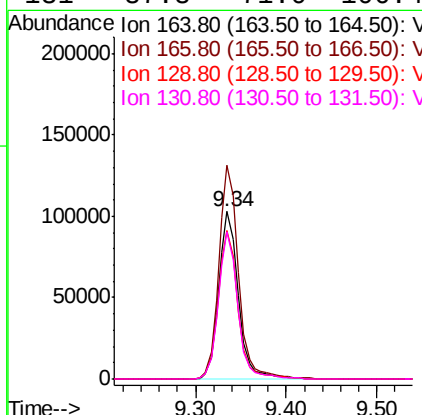
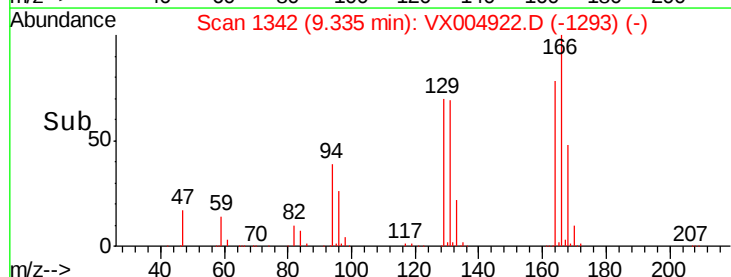
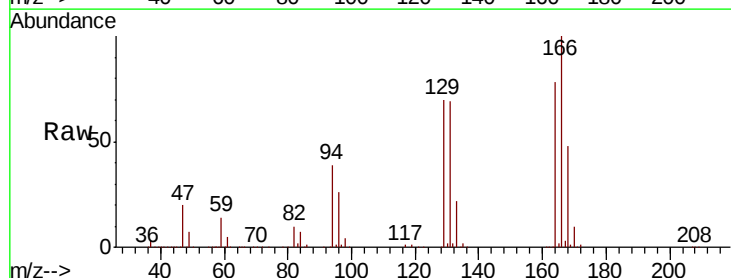
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 332707
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 47.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:164 Resp: 156740
Ion Ratio Lower Upper
164 100
166 127.4 98.4 147.6
129 88.8 76.1 114.1
131 87.8 71.0 106.4

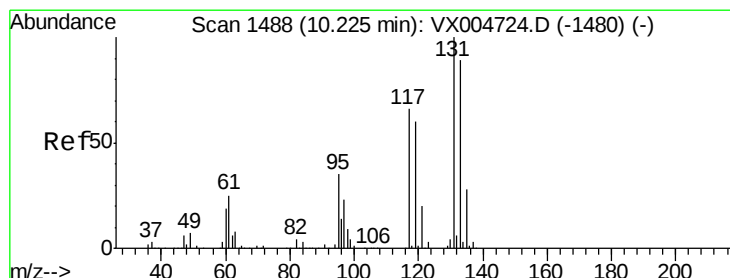
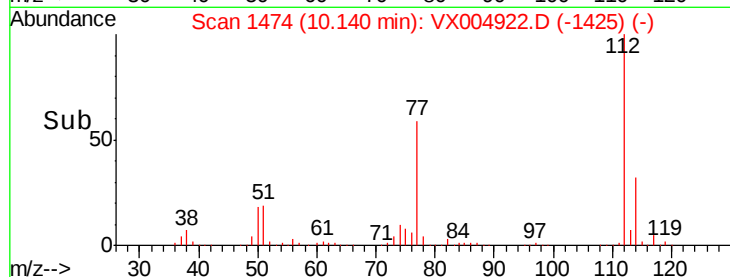
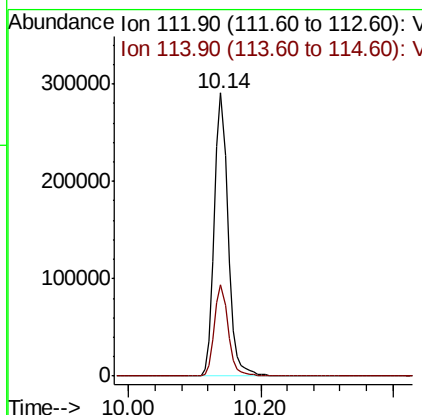
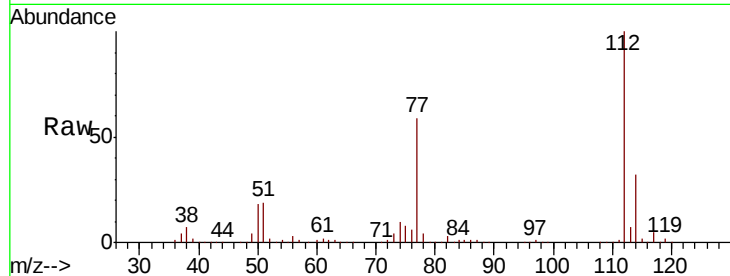




#65
Chlorobenzene
Concen: 48.850 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

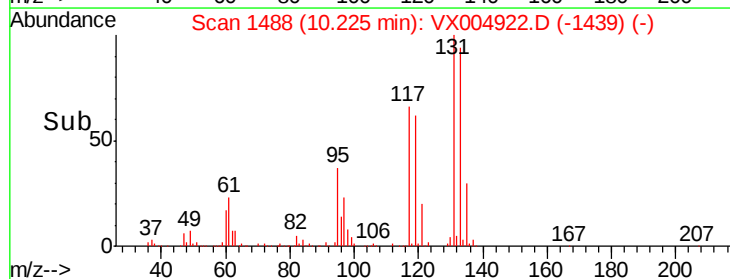
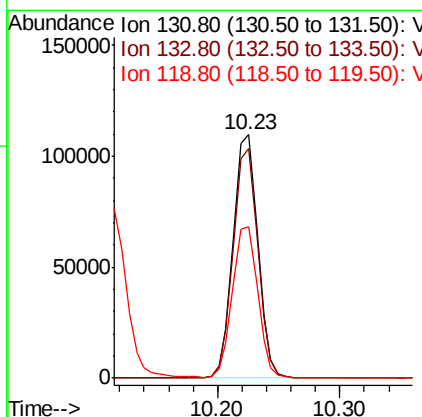
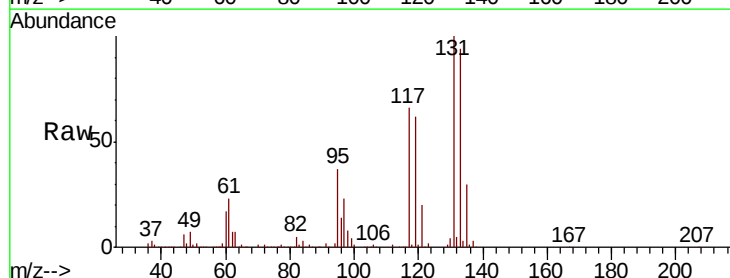
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

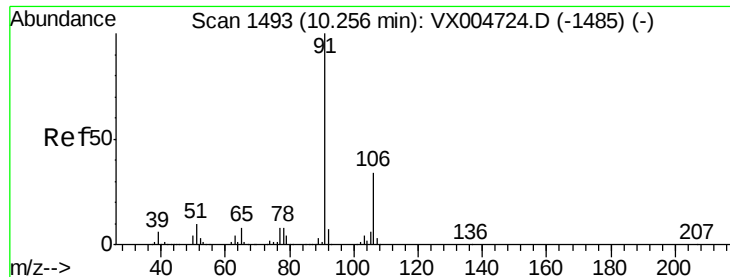
Tot Ion:112 Resp: 416769
Ion Ratio Lower Upper
112 100
114 32.4 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.927 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:131 Resp: 152748
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.0
119 64.2 32.3 96.8





#67

Ethyl Benzene

Concen: 53.057 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

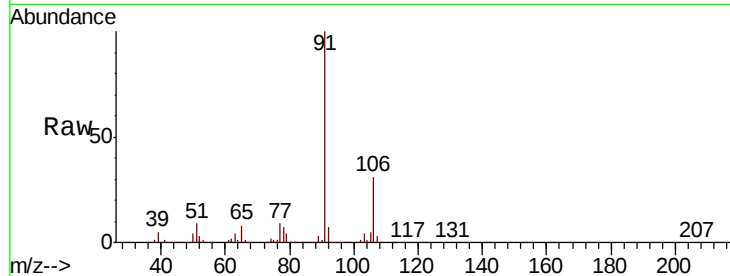
VSTDCCC050

Tot Ion: 91 Resp: 718646

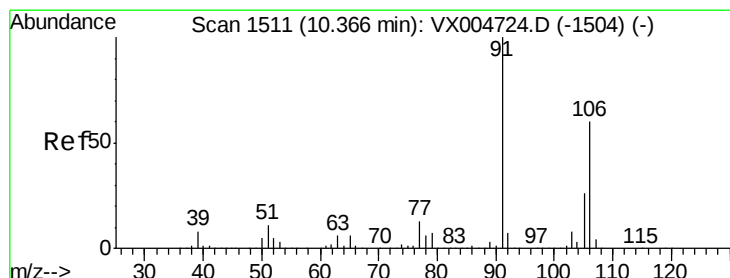
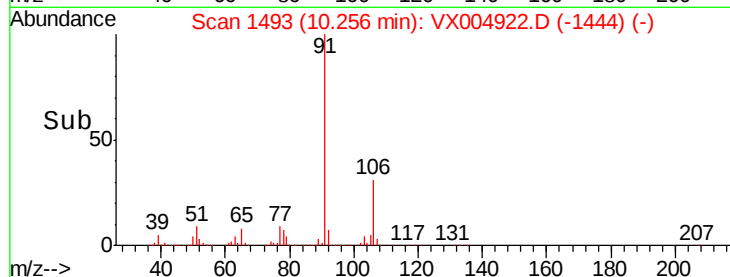
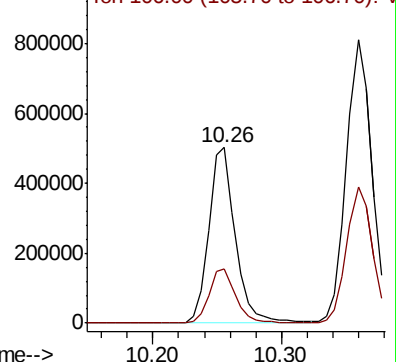
Ion Ratio Lower Upper

91 100

106 31.1 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)



#68

m/p-Xylenes

Concen: 105.832 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004922.D

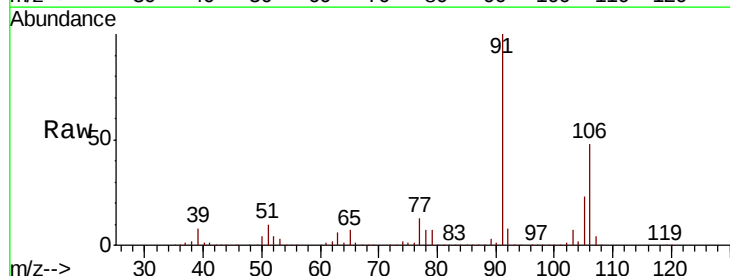
Acq: 02 Oct 2018 16:43

Tgt Ion: 106 Resp: 560165

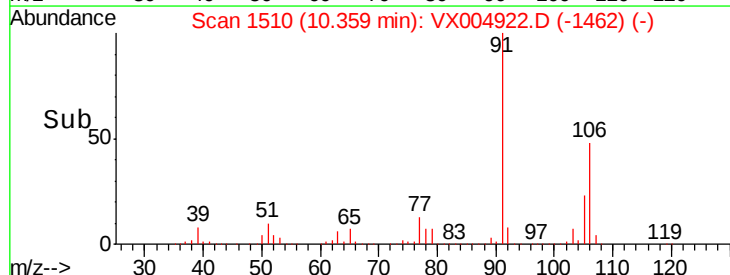
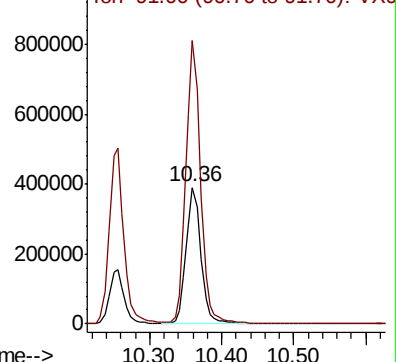
Ion Ratio Lower Upper

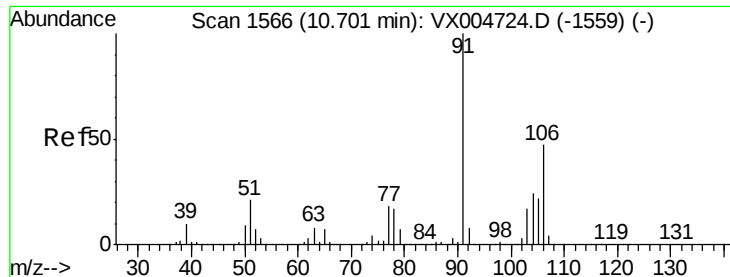
106 100

91 204.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)

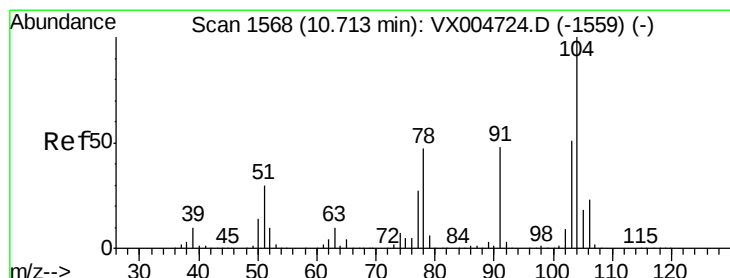
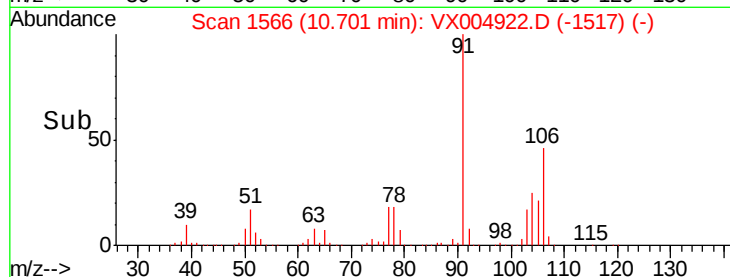
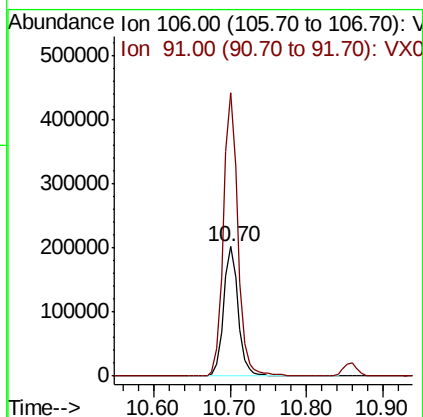
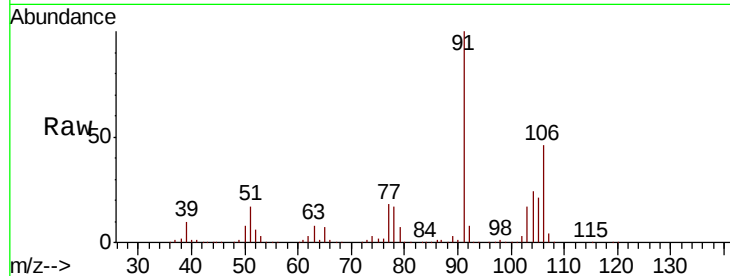




#69
o-Xylene
Concen: 55.078 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

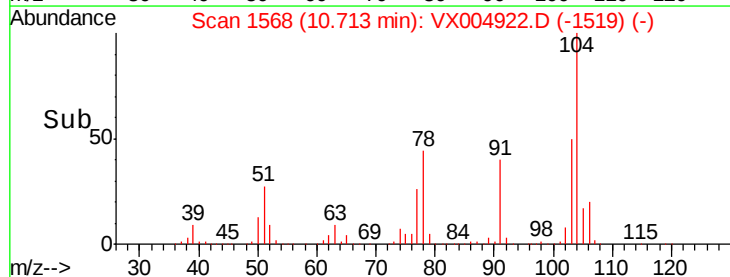
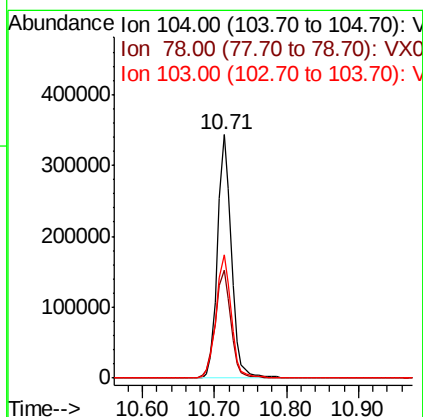
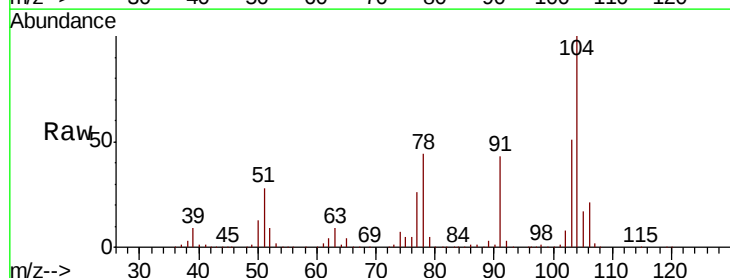
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 267763
Ion Ratio Lower Upper
106 100
91 216.4 108.3 324.8



#70
Styrene
Concen: 50.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:104 Resp: 457136
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 55.5 44.3 66.5

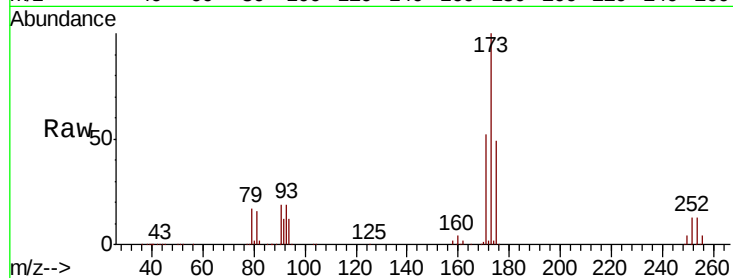




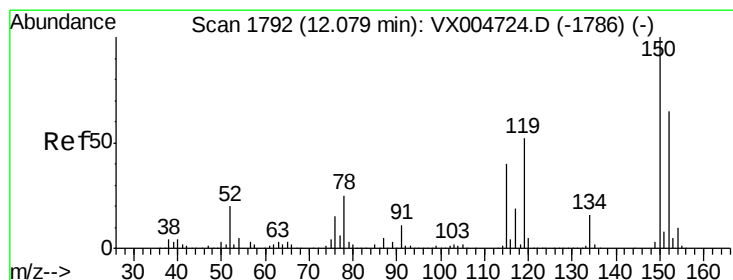
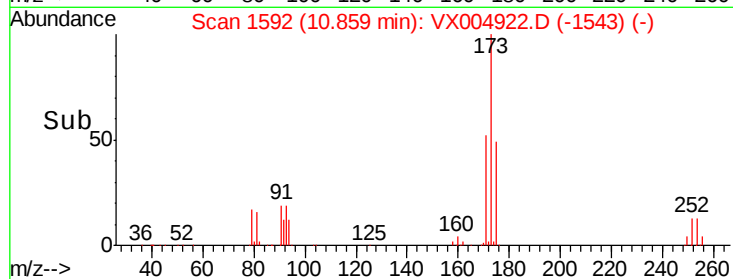
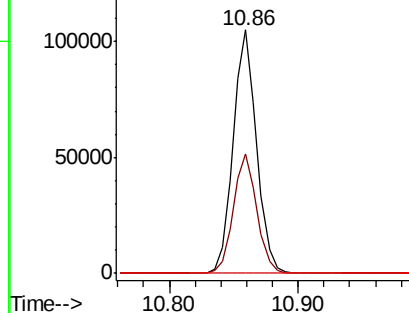
#71
Bromoform
Concen: 51.680 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 132703
Ion Ratio Lower Upper
173 100
175 49.3 23.3 69.8
254 0.2 0.2 0.2

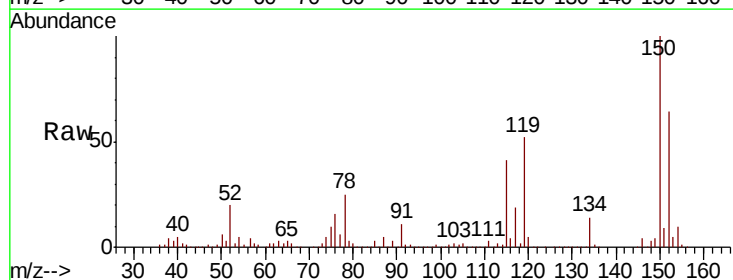


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

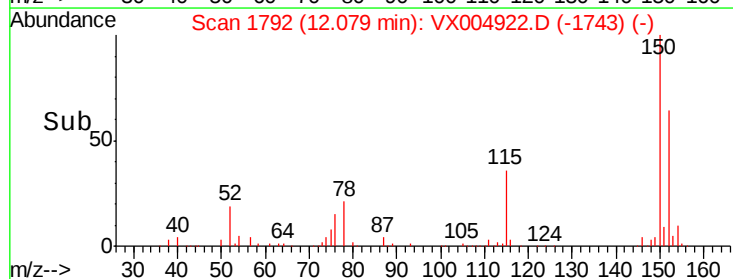
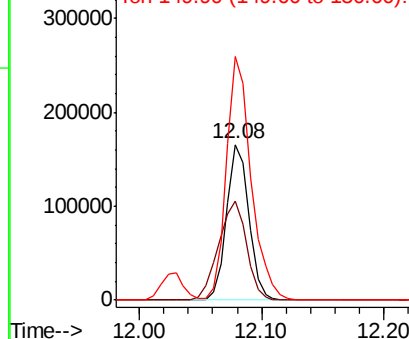


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:152 Resp: 208419
Ion Ratio Lower Upper
152 100
115 80.6 40.2 120.6
150 173.7 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: 55.650 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

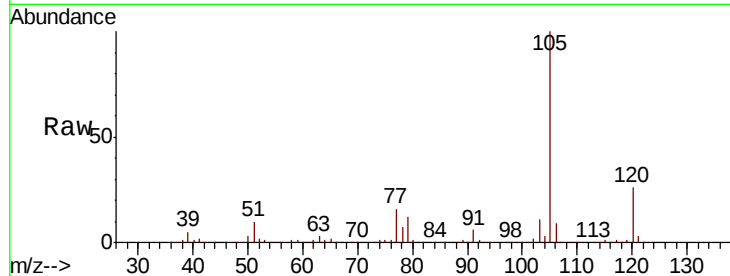
VSTDCCC050

Tot Ion: 105 Resp: 731073

Ion Ratio Lower Upper

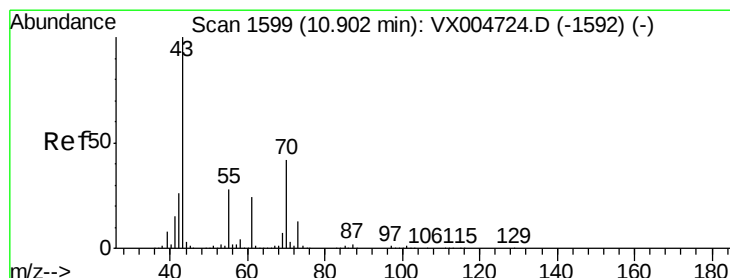
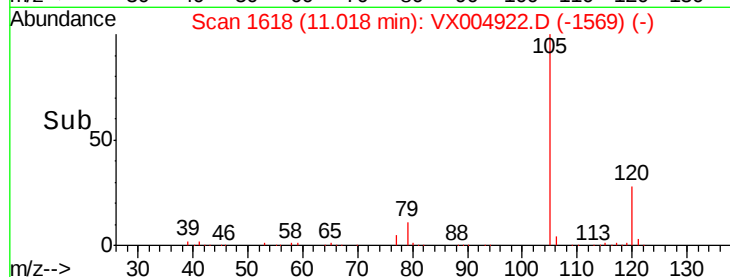
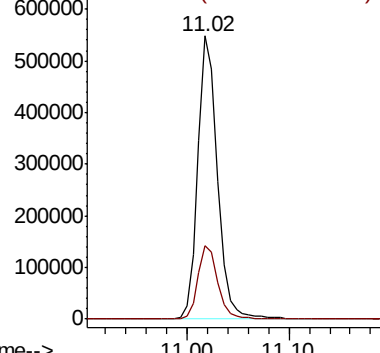
105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.537 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Tgt Ion: 43 Resp: 357568

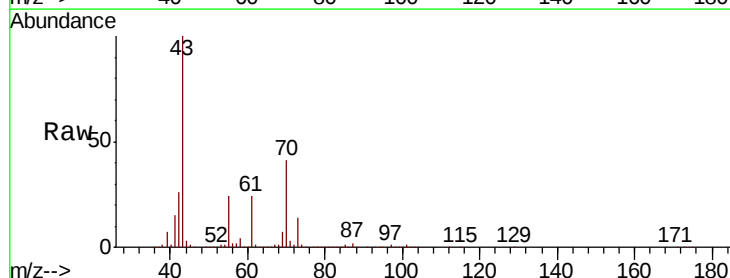
Ion Ratio Lower Upper

43 100

70 40.3 32.6 48.8

55 24.6 21.6 32.4

61 23.7 19.1 28.7

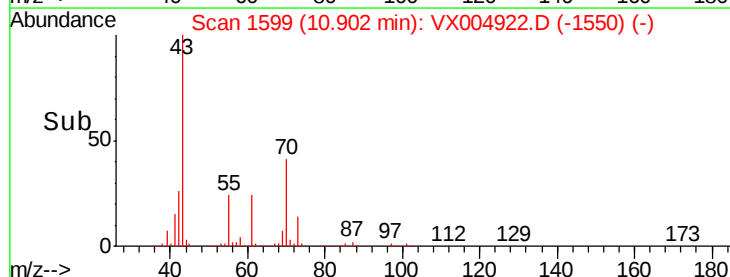
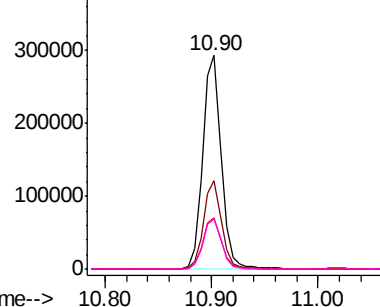


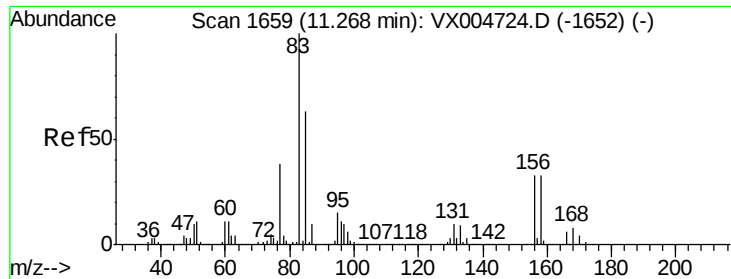
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.758 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

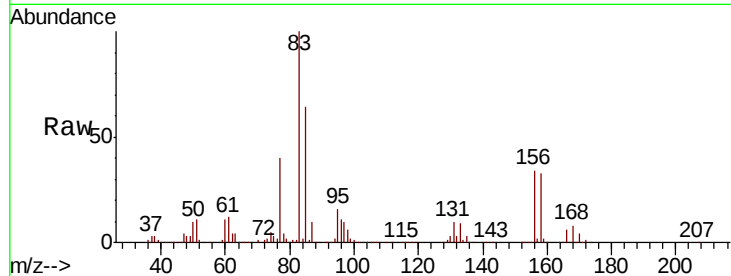
Tot Ion: 83 Resp: 260740

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

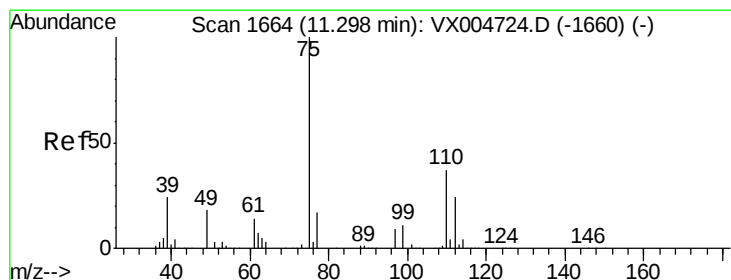
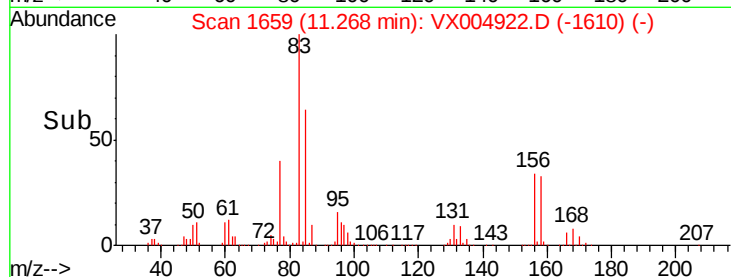
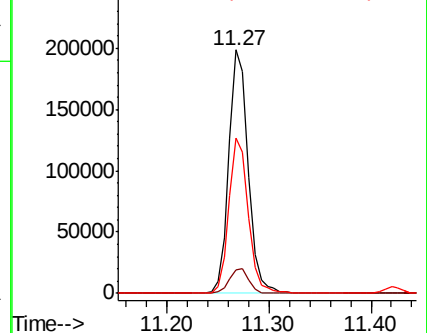
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.794 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004922.D

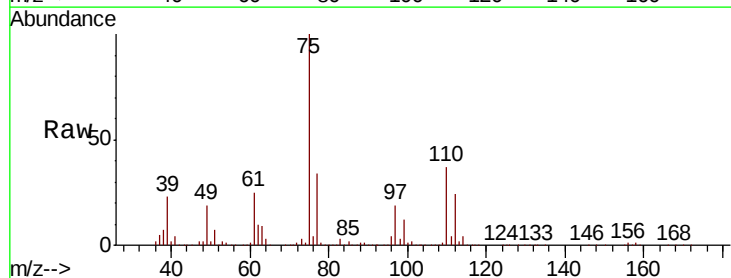
Acq: 02 Oct 2018 16:43

Tgt Ion: 75 Resp: 302682

Ion Ratio Lower Upper

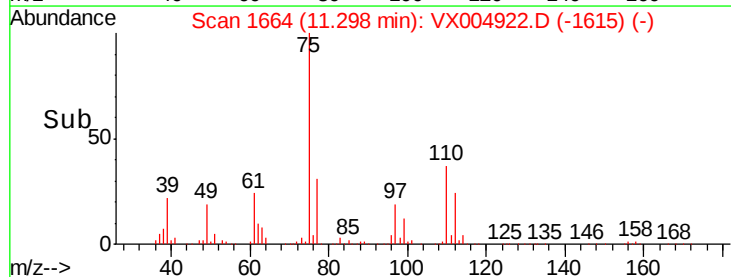
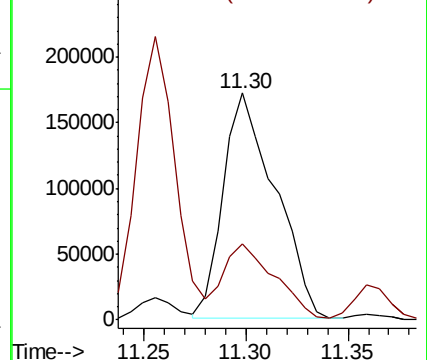
75 100

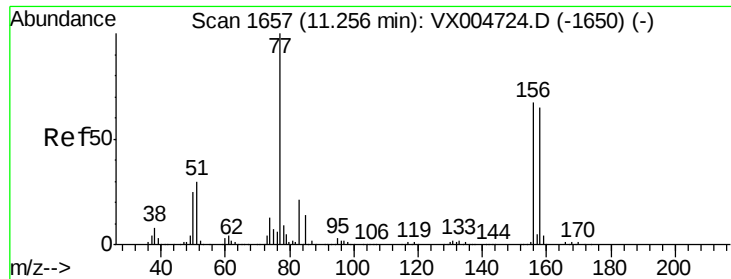
77 33.6 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.475 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

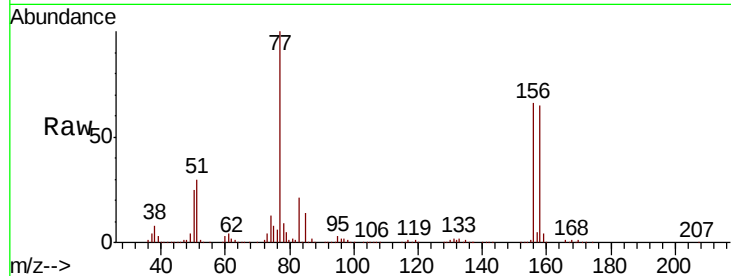
Tot Ion:156 Resp: 192598

Ion Ratio Lower Upper

156 100

77 148.0 73.4 220.2

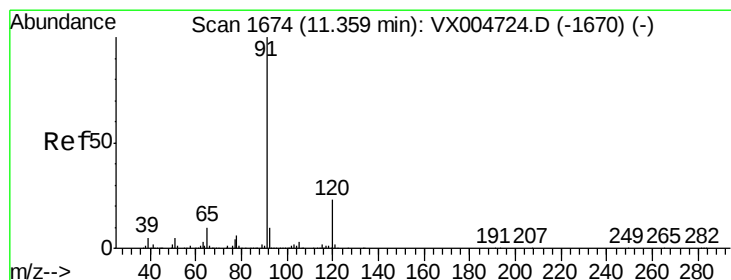
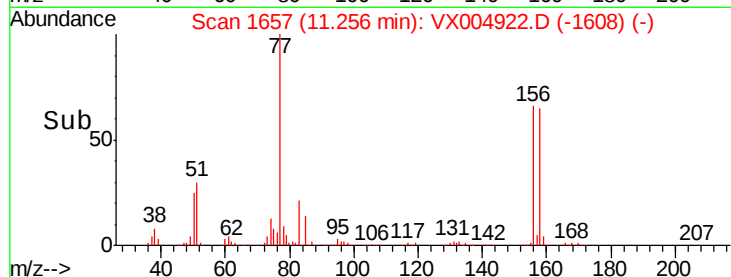
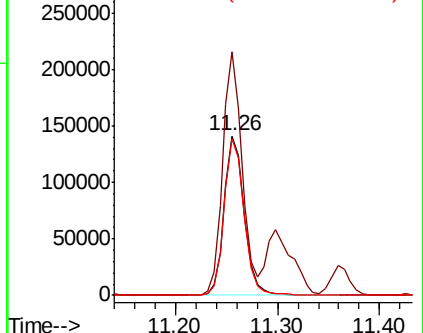
158 97.8 49.1 147.4



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: 56.326 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004922.D

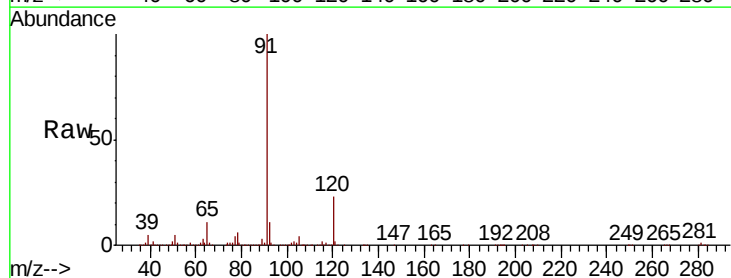
Acq: 02 Oct 2018 16:43

Tgt Ion: 91 Resp: 848998

Ion Ratio Lower Upper

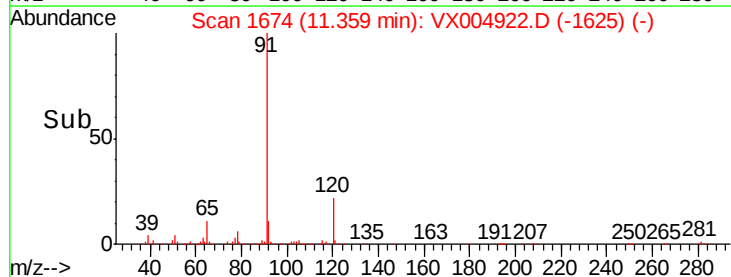
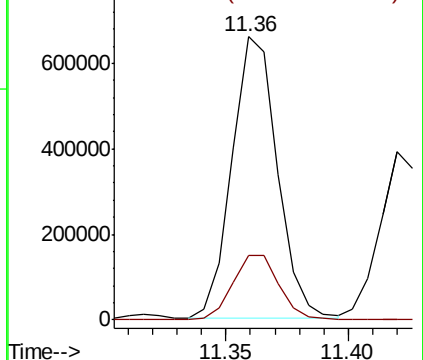
91 100

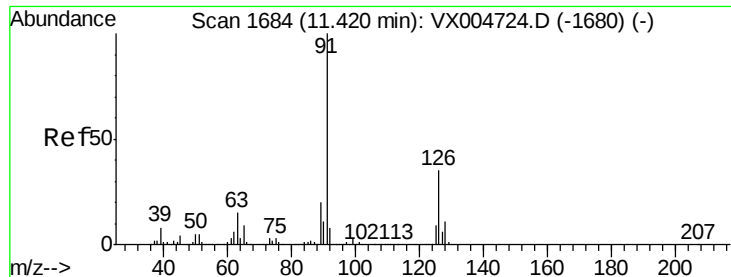
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.978 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

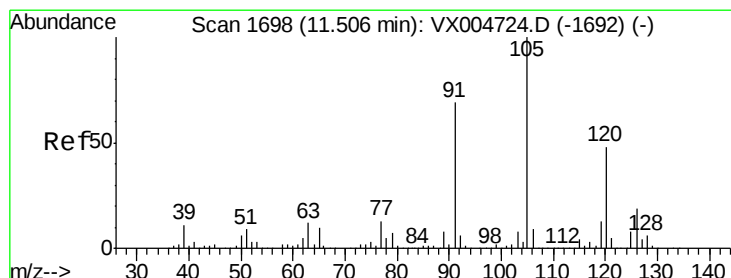
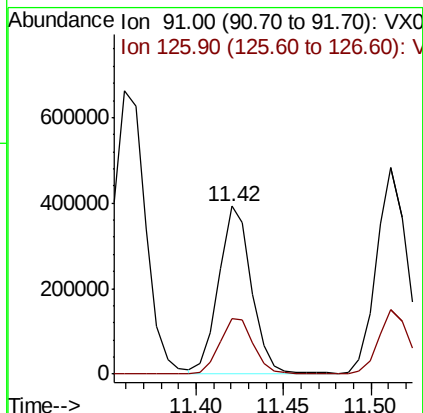
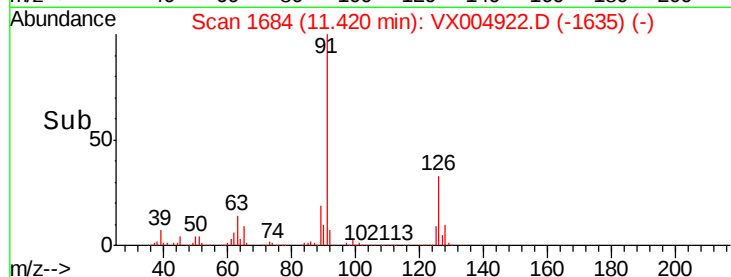
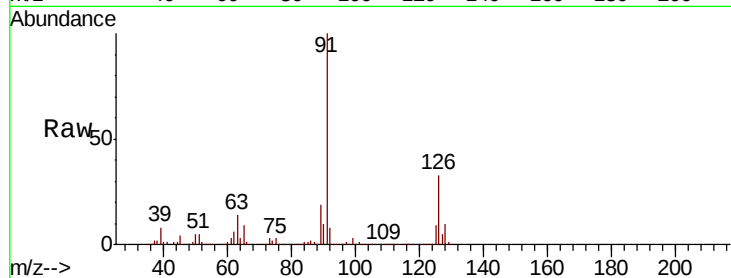
VSTDCCC050

Tot Ion: 91 Resp: 507140

Ion Ratio Lower Upper

91 100

126 34.7 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 51.927 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004922.D

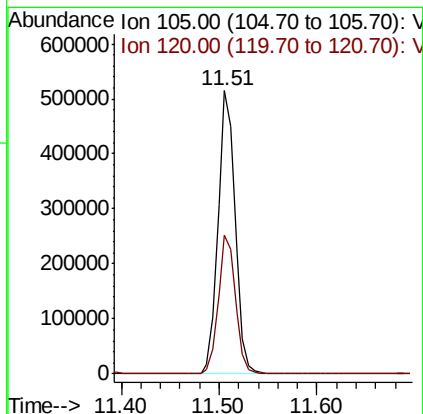
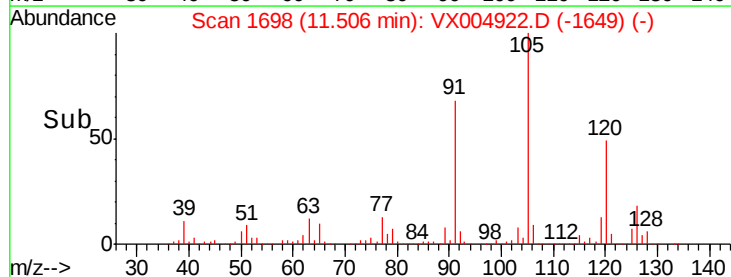
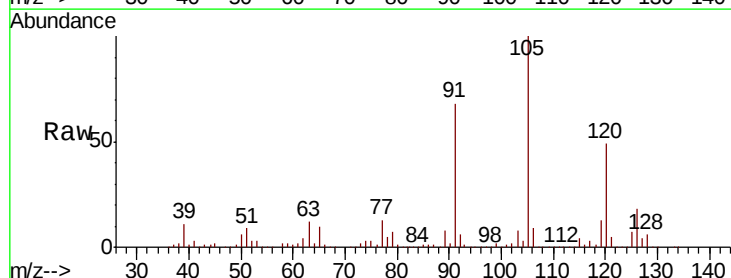
Acq: 02 Oct 2018 16:43

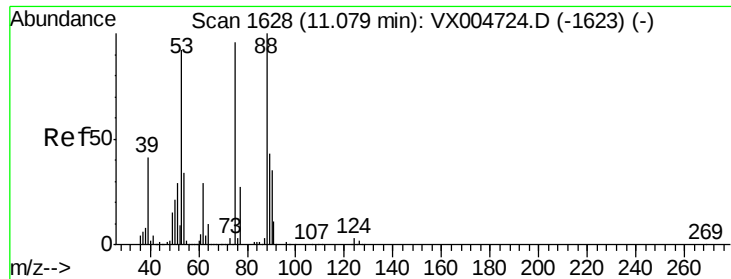
Tgt Ion: 105 Resp: 625136

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.808 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

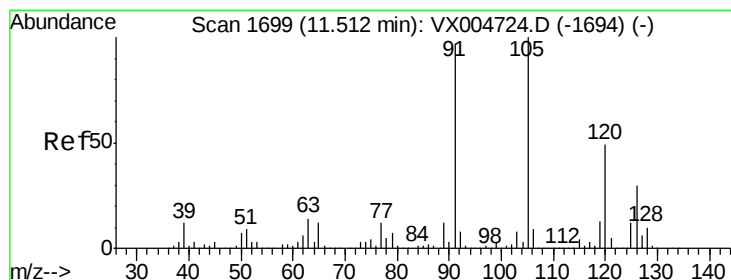
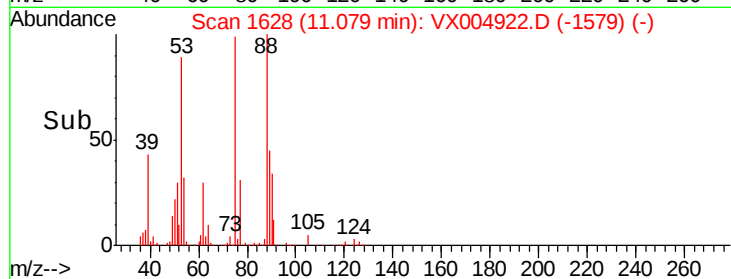
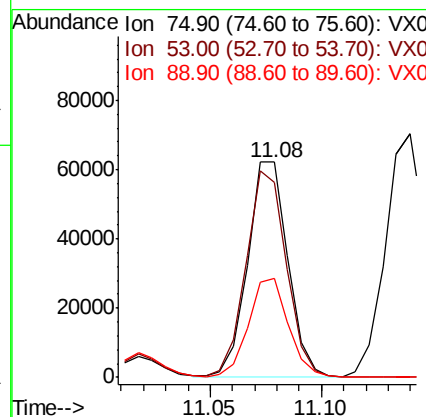
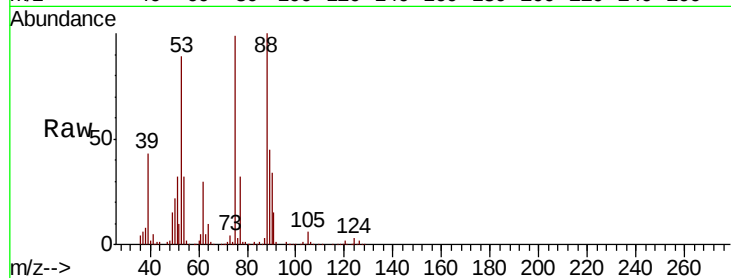
Tot Ion: 75 Resp: 78163

Ion Ratio Lower Upper

75 100

53 96.9 80.2 120.4

89 46.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 54.157 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004922.D

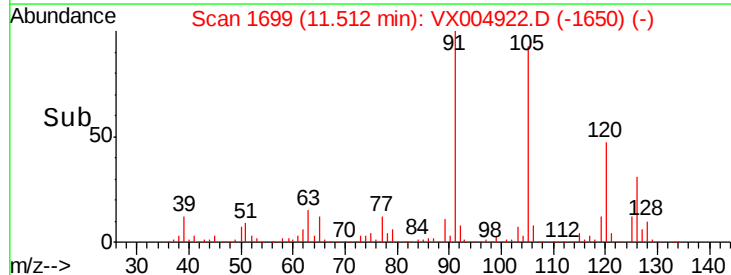
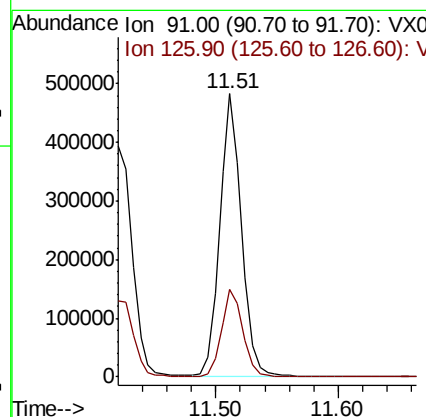
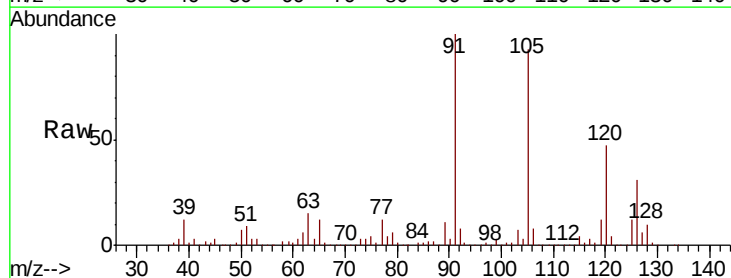
Acq: 02 Oct 2018 16:43

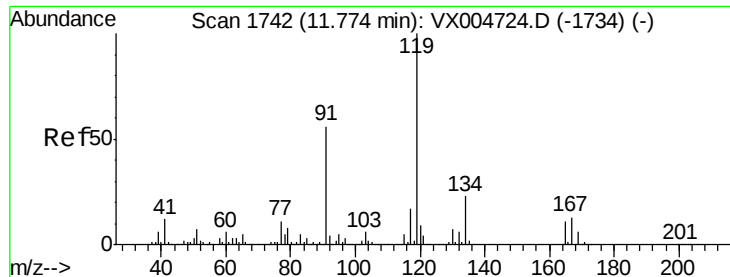
Tgt Ion: 91 Resp: 598902

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

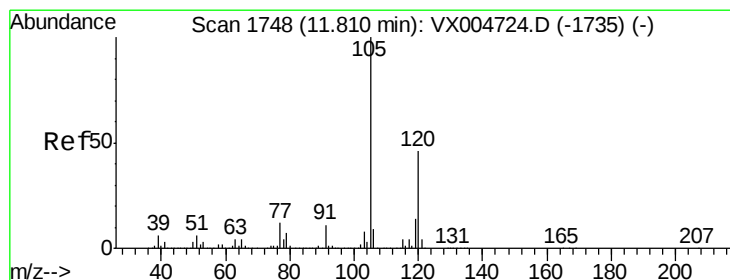
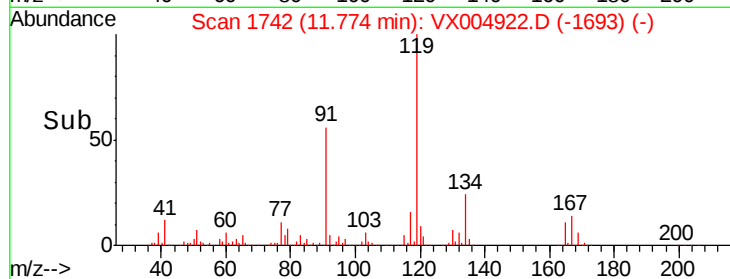
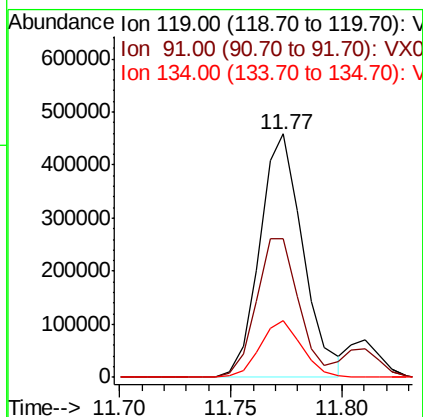
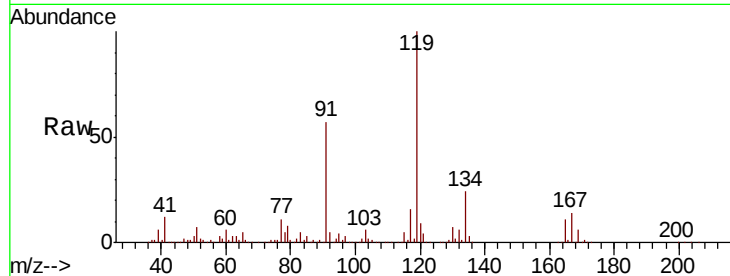




#83
 tert-Butylbenzene
 Concen: 57.184 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

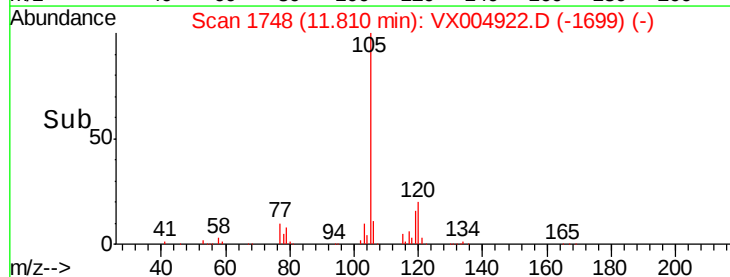
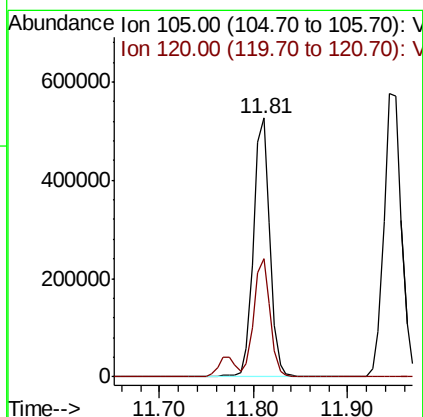
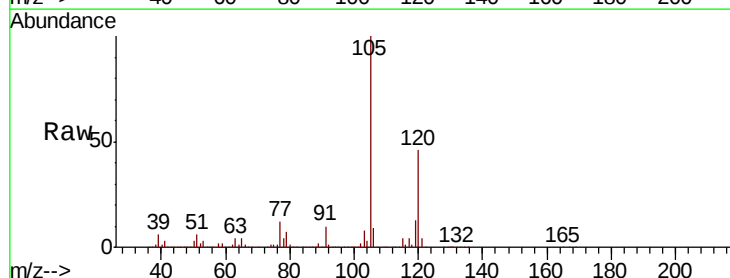
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 618502
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.5 82.5
 134 22.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.987 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion:105 Resp: 645421
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 56.934 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

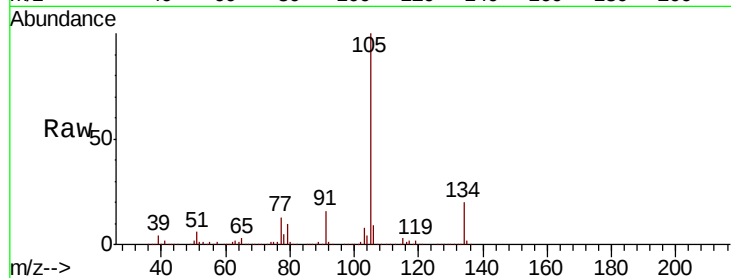
VSTDCCC050

Tot Ion:105 Resp: 750061

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

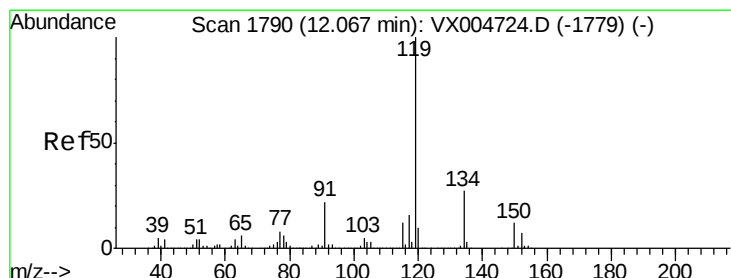
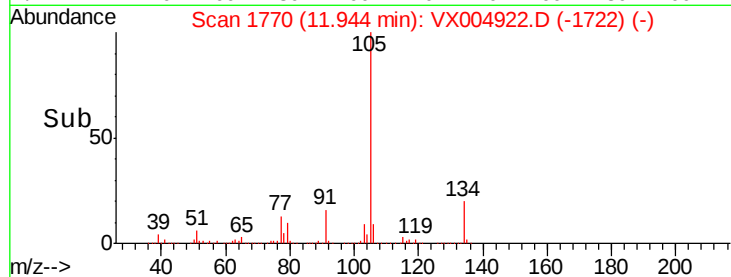
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 57.299 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

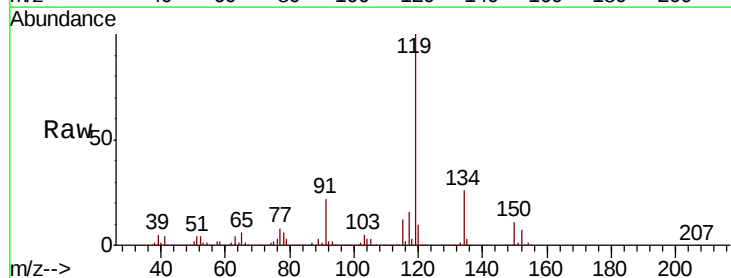
Tgt Ion:119 Resp: 683920

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.8 11.5 34.4



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

12.07

800000

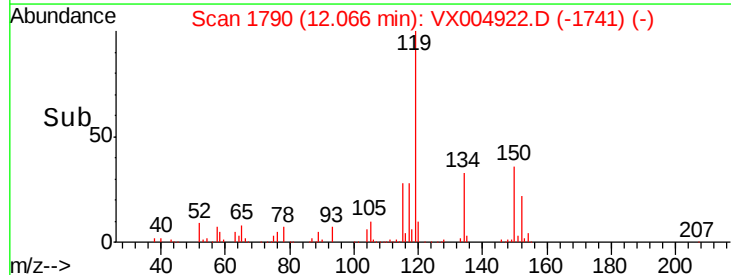
600000

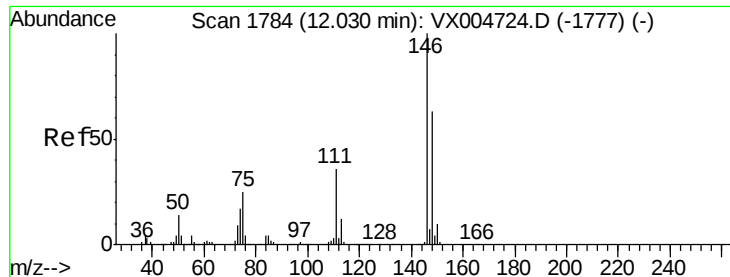
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.145 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

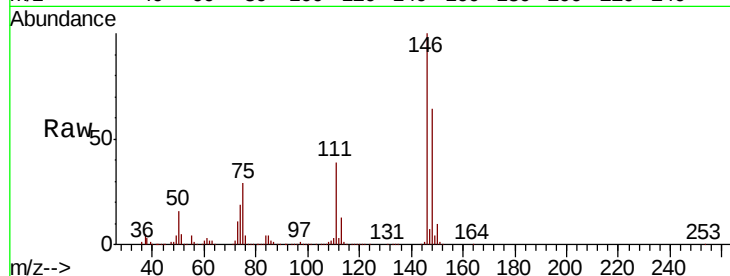
Tot Ion:146 Resp: 364414

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

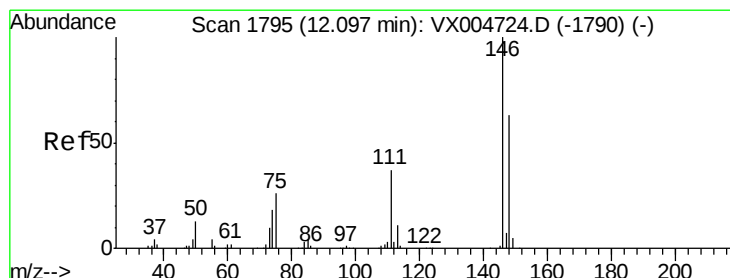
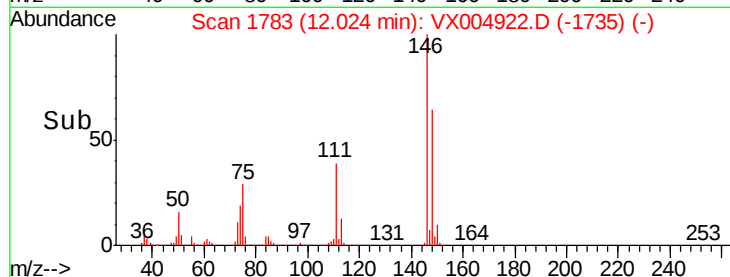
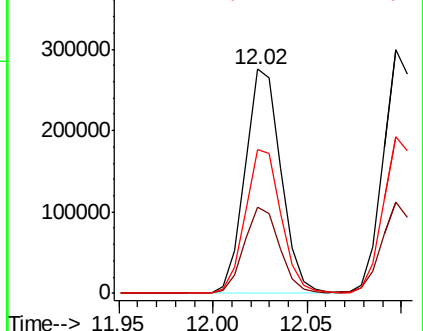
148 64.4 31.8 95.3



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: 50.021 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004922.D

Acq: 02 Oct 2018 16:43

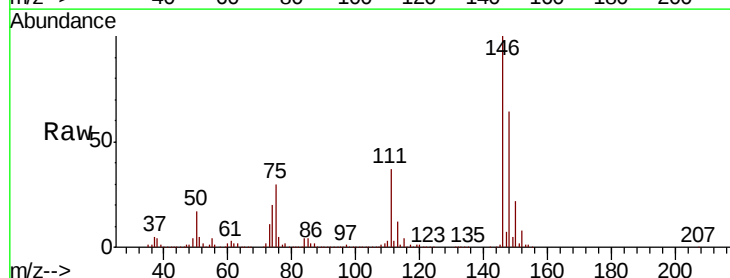
Tgt Ion:146 Resp: 367910

Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.2

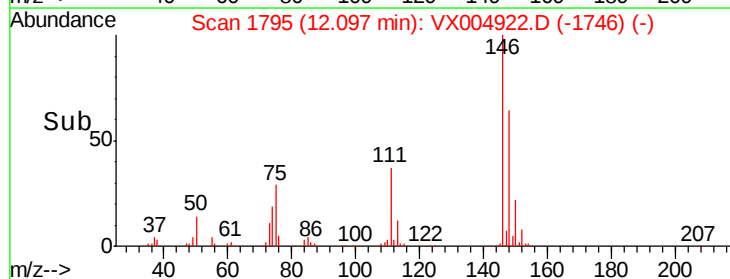
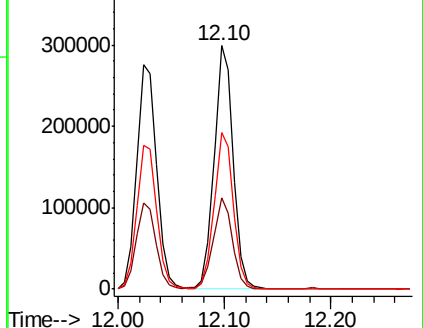
148 64.8 32.0 96.0

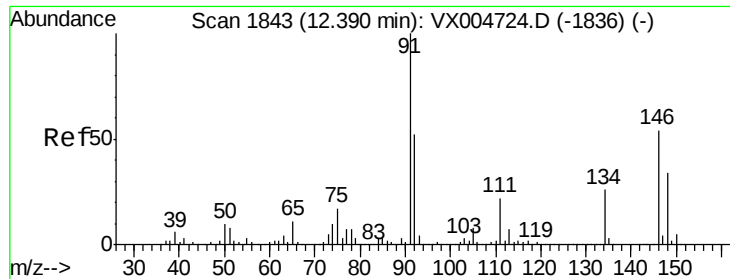


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

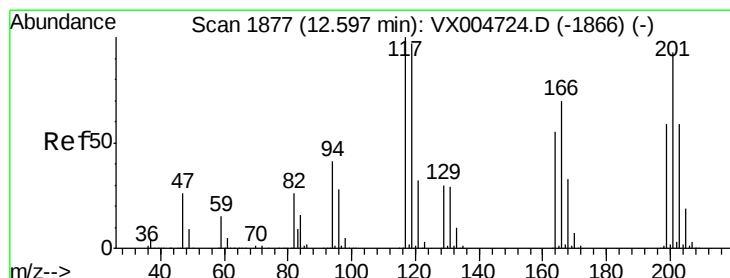
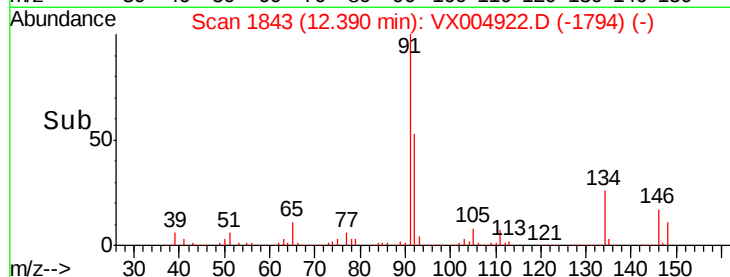
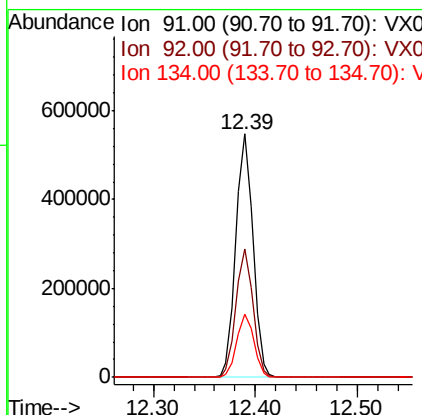
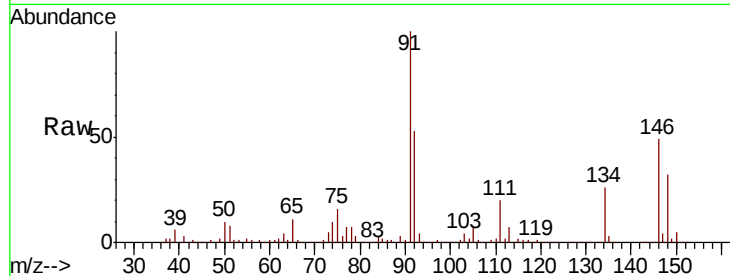




#89
n-Butylbenzene
Concen: 58.171 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

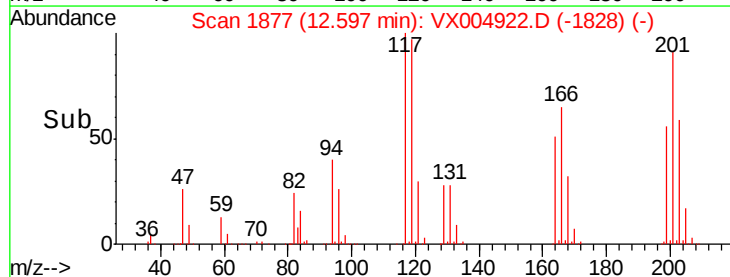
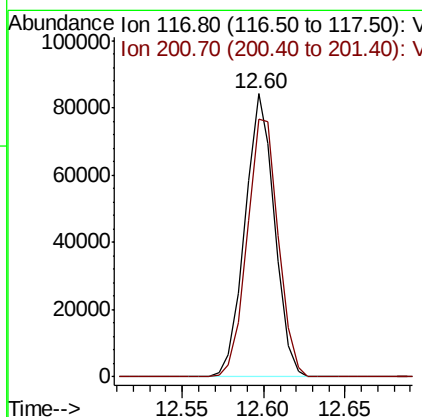
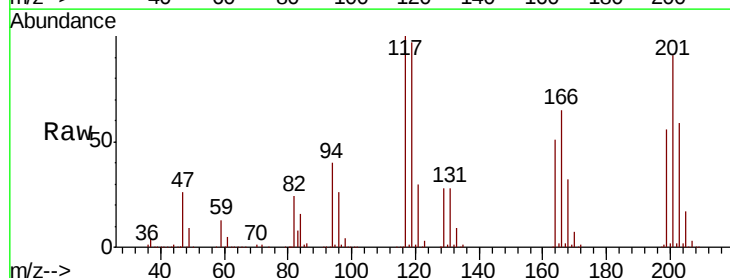
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 630586
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 53.414 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion: 117 Resp: 106151
Ion Ratio Lower Upper
117 100
201 96.2 48.4 145.0

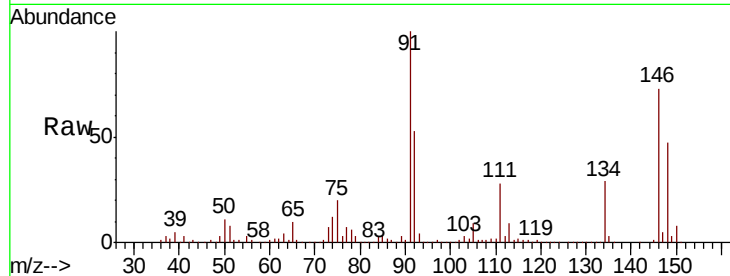




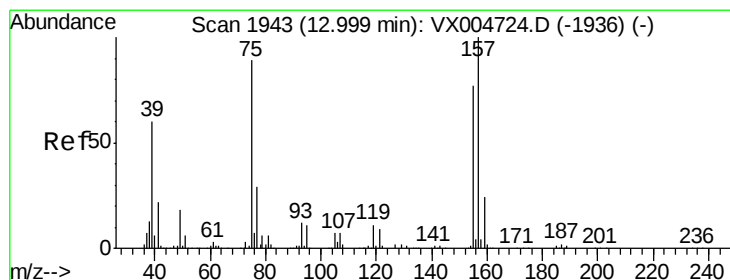
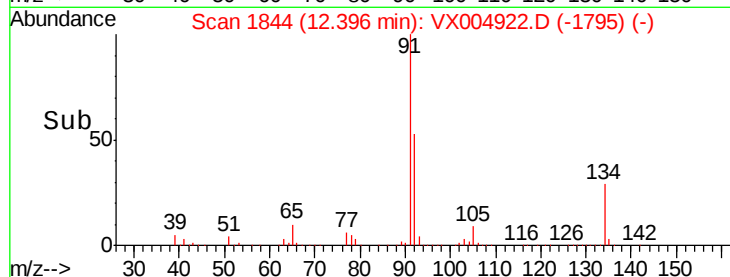
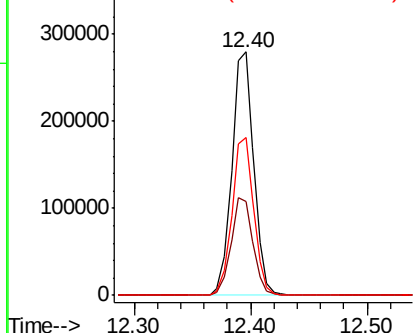
#91
 1,2-Dichlorobenzene
 Concen: 49.023 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 365023
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.5 31.8 95.4

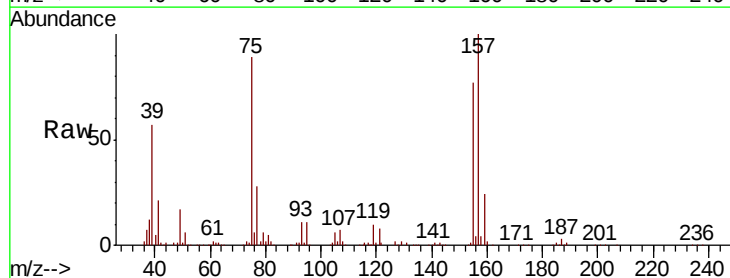


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

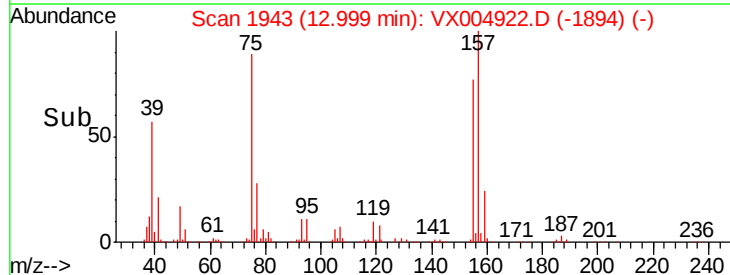
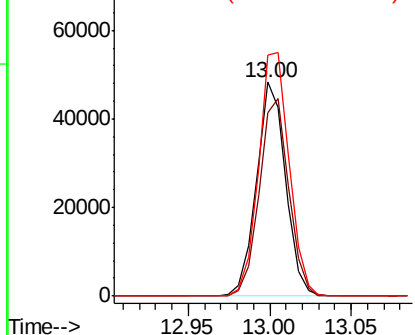


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.912 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion: 75 Resp: 59779
 Ion Ratio Lower Upper
 75 100
 155 93.6 46.1 138.3
 157 119.1 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

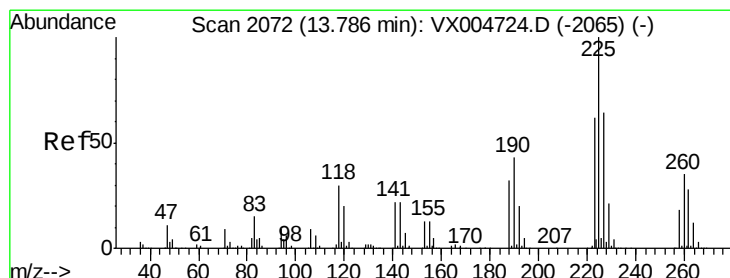
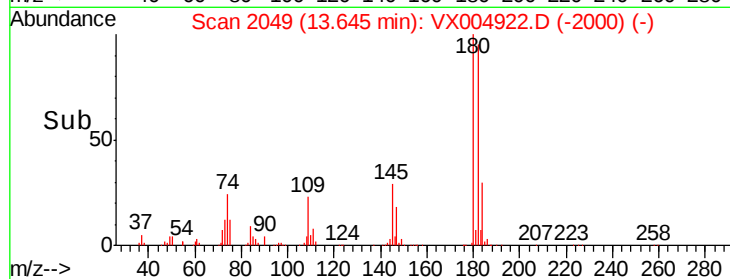
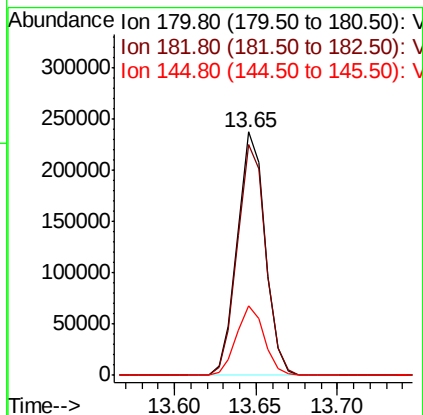
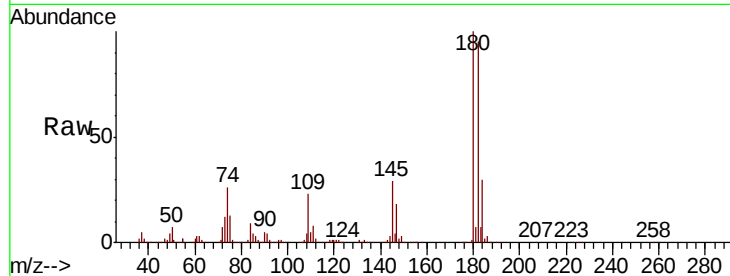




#93
 1,2,4-Trichlorobenzene
 Concen: 54.294 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

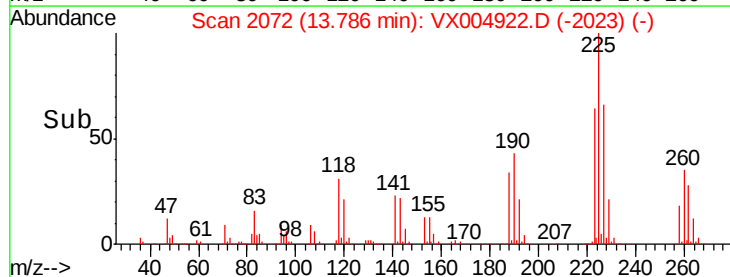
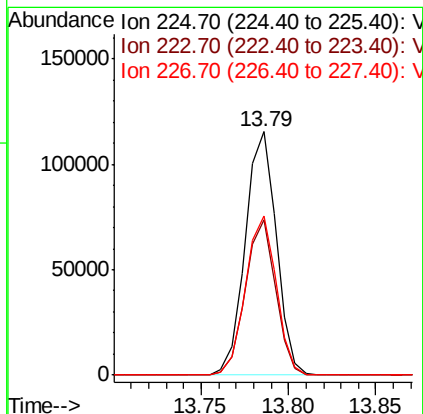
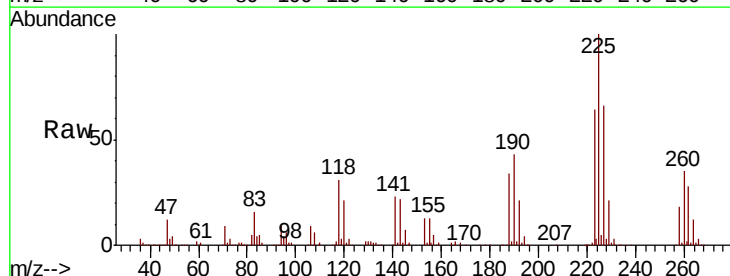
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

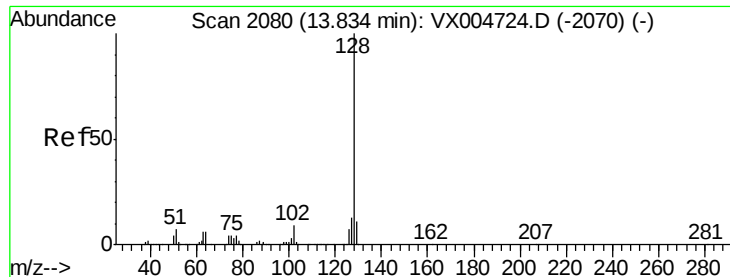
Tot Ion:180 Resp: 283589
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.4
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.851 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004922.D
 Acq: 02 Oct 2018 16:43

Tgt Ion:225 Resp: 143149
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 64.8 31.9 95.5

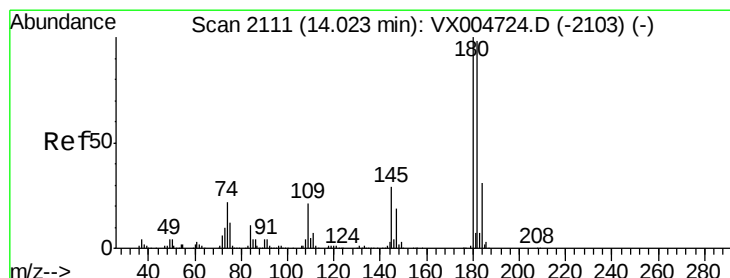
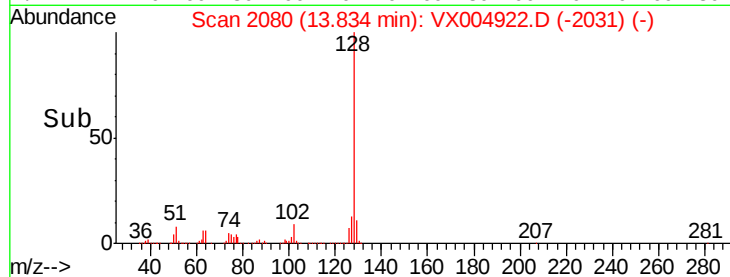
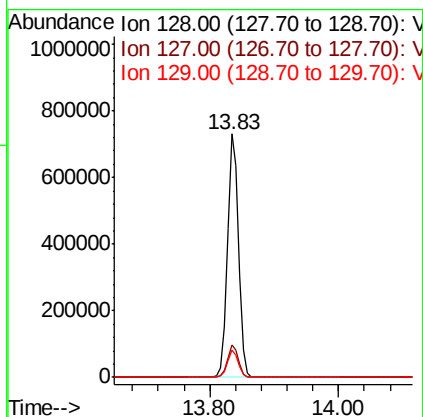
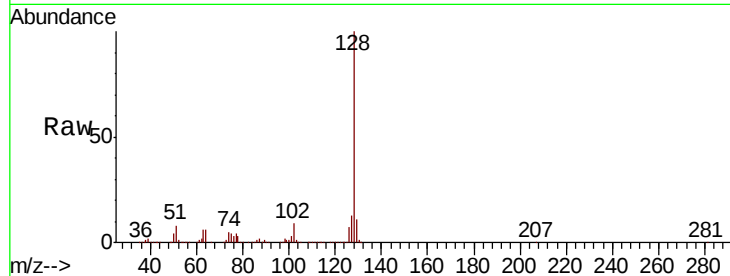




#95
Naphthalene
Concen: 50.872 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 882150
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.298 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004922.D
Acq: 02 Oct 2018 16:43

Tgt Ion:180 Resp: 287580
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.8
145 30.1 15.0 45.0

