

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004482.D
 Acq On : 11 Sep 2018 22:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 05:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197239	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	157170	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	133432	43.29	ug/l	0.00
Spiked Amount			Recovery	=	86.58%	
50) Toluene-d8	8.72	98	520526	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.14	95	188596	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119123	54.63	ug/l	99
3) Chloromethane	1.32	50	161646	53.86	ug/l	98
4) Vinyl Chloride	1.40	62	167626	54.42	ug/l	99
5) Bromomethane	1.64	94	81592	63.58	ug/l	99
6) Chloroethane	1.71	64	105115	52.77	ug/l	98
7) Trichlorofluoromethane	1.92	101	218936	53.62	ug/l	95
8) Diethyl Ether	2.19	74	98484	53.80	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138887	53.62	ug/l	99
10) Methyl Iodide	2.51	142	153192	49.52	ug/l	99
11) Tert butyl alcohol	3.08	59	191949	268.12	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129845	53.41	ug/l	96
13) Acrolein	2.29	56	85265	301.72	ug/l	98
14) Allyl chloride	2.72	41	269664	53.95	ug/l	95
15) Acrylonitrile	3.15	53	472800	274.25	ug/l	99
16) Acetone	2.45	43	380328	259.73	ug/l	99
17) Carbon Disulfide	2.57	76	382209	54.39	ug/l	98
18) Methyl Acetate	2.78	43	274322	66.77	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	462302	54.19	ug/l	98
20) Methylene Chloride	2.85	84	155991	51.93	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140486	52.29	ug/l	98
22) Diisopropyl ether	3.87	45	477160	53.00	ug/l	97
23) Vinyl Acetate	3.82	43	1879492	257.99	ug/l	98
24) 1,1-Dichloroethane	3.69	63	278840	54.86	ug/l	97
25) 2-Butanone	4.71	43	596034	255.75	ug/l	96
26) 2,2-Dichloropropane	4.57	77	151462	43.39	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	155023	51.69	ug/l	96
28) Bromochloromethane	5.02	49	127899	55.01	ug/l	95
29) Tetrahydrofuran	5.16	42	390107	277.57	ug/l	97
30) Chloroform	5.22	83	260656	52.53	ug/l	86
31) Cyclohexane	5.57	56	234472	54.03	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	211233	52.85	ug/l	99
36) 1,1-Dichloropropene	5.80	75	189804	46.42	ug/l	100
37) Ethyl Acetate	4.87	43	213853	45.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	184364	46.16	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231371	54.22	ug/l	98
40) Benzene	6.14	78	582582	48.02	ug/l	100
41) Methacrylonitrile	5.06	41	130645	50.98	ug/l	97
42) 1,2-Dichloroethane	6.20	62	194545	48.35	ug/l	98
43) Isopropyl Acetate	6.47	43	321267	52.01	ug/l	99
44) Trichloroethene	7.21	130	158679	50.34	ug/l	76
45) 1,2-Dichloropropane	7.52	63	152231	52.14	ug/l	99
46) Dibromomethane	7.66	93	97803	53.03	ug/l	98
47) Bromodichloromethane	7.90	83	186595	53.50	ug/l	99
48) Methyl methacrylate	7.78	41	174427	57.06	ug/l	97
49) 1,4-Dioxane	7.76	88	79262	1095.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1129654	259.14	ug/l	97
52) Toluene	8.79	92	366003	51.20	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	203100	49.85	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	223731	53.87	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	149513	48.58	ug/l	98
56) Ethyl methacrylate	9.18	69	226835	52.10	ug/l	97
57) 1,3-Dichloropropane	9.37	76	247487	49.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	586323	263.88	ug/l	95
59) 2-Hexanone	9.50	43	866154	259.04	ug/l	97
60) Dibromochloromethane	9.59	129	150786	52.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154676	52.61	ug/l	100
64) Tetrachloroethene	9.34	164	186647	45.75	ug/l	97
65) Chlorobenzene	10.14	112	406630	50.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	144527	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	695564	52.71	ug/l	98
68) m/p-Xylenes	10.36	106	544381	107.09	ug/l	97
69) o-Xylene	10.70	106	262166	53.65	ug/l	98
70) Styrene	10.71	104	441932	54.58	ug/l	98
71) Bromoform	10.86	173	120226	52.32	ug/l	99
73) Isopropylbenzene	11.02	105	704153	54.21	ug/l	100
74) N-amyl acetate	10.90	43	286377	52.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	219991	52.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	268089	69.56	ug/l	86
77) Bromobenzene	11.26	156	185239	51.59	ug/l	98
78) n-propylbenzene	11.36	91	817232	54.72	ug/l	99
79) 2-Chlorotoluene	11.42	91	478134	52.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	599268	54.88	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	65277	52.43	ug/l	96
82) 4-Chlorotoluene	11.51	91	563387	53.29	ug/l	100
83) tert-Butylbenzene	11.77	119	561499	54.01	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	614908	55.15	ug/l	98
85) sec-Butylbenzene	11.95	105	718827	54.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	645702	55.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	343118	51.22	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	347015	50.13	ug/l	99
89) n-Butylbenzene	12.39	91	567749	53.25	ug/l	98
90) Hexachloroethane	12.60	117	100332	53.57	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	346924	51.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50219	56.13	ug/l	99

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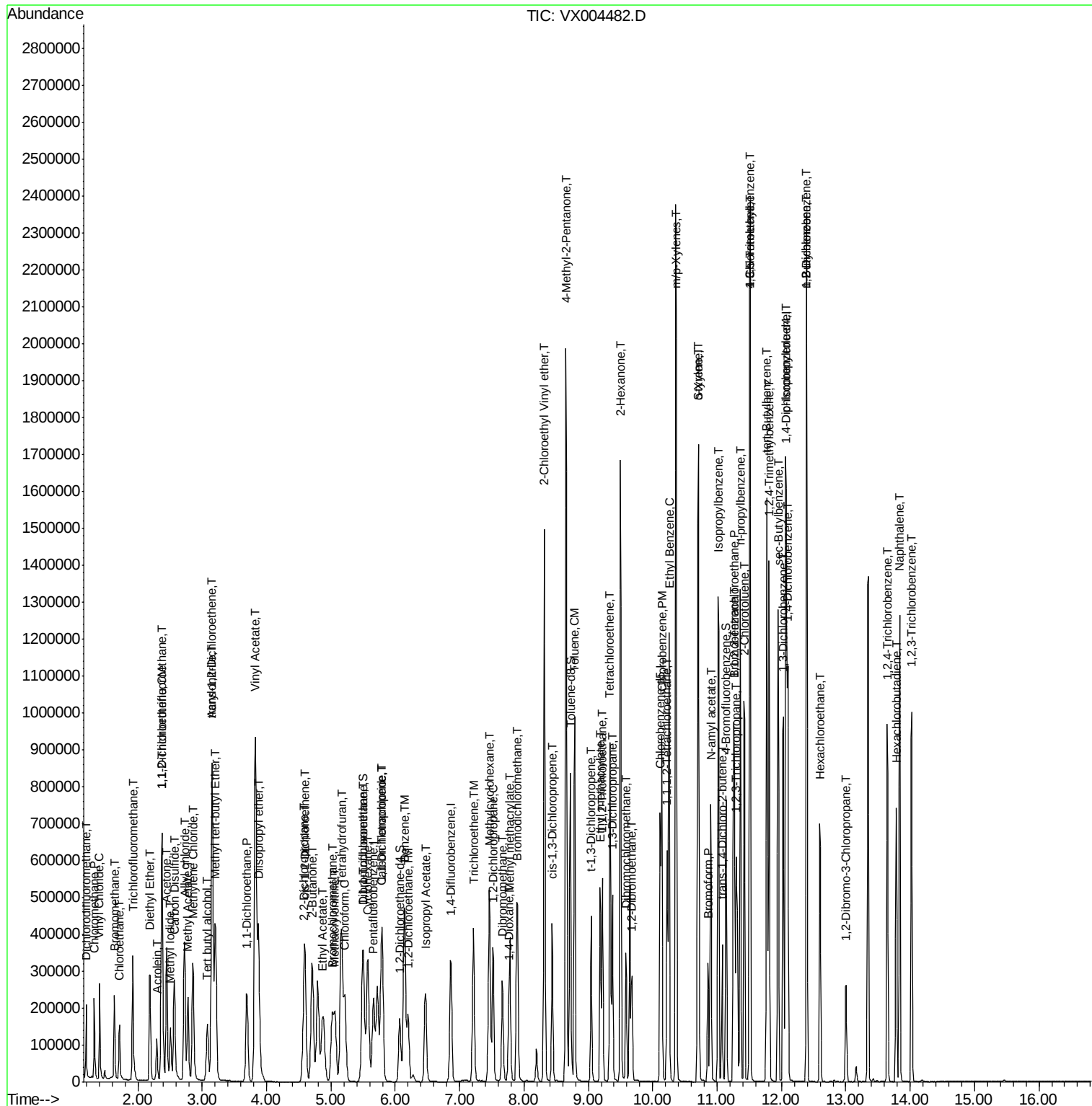
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

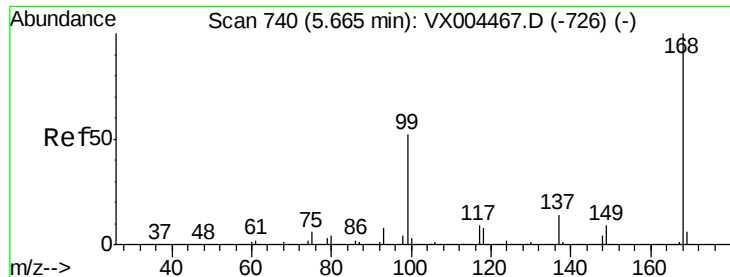
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253313	52.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	123664	49.31	ug/l	97
95) Naphthalene	13.83	128	771356	57.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260450	52.81	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

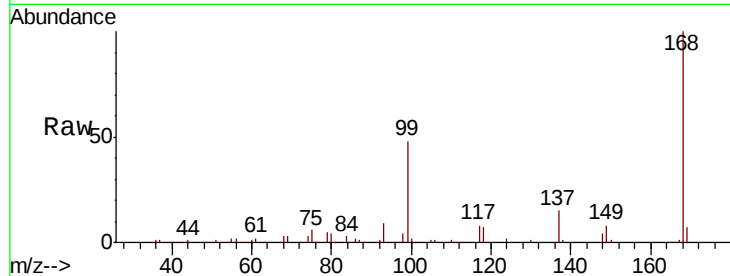
VSTDCCC050EC

Tot Ion:168 Resp: 232682

Ion Ratio Lower Upper

168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

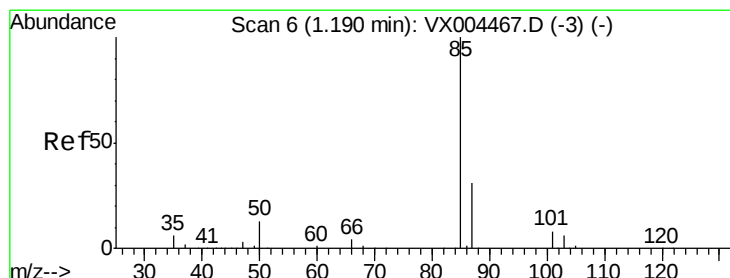
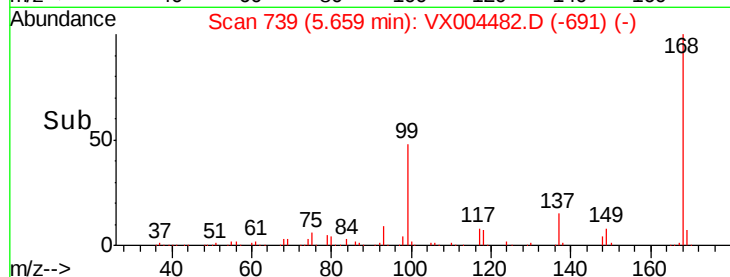
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.63 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004482.D

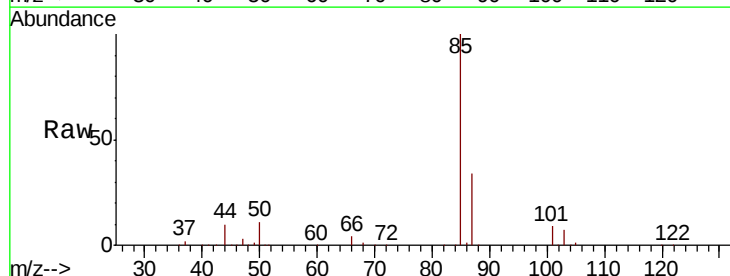
Acq: 11 Sep 2018 22:48

Tgt Ion: 85 Resp: 119123

Ion Ratio Lower Upper

85 100

87 34.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

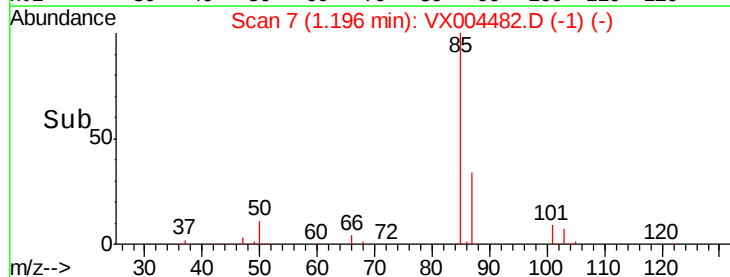
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.86 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

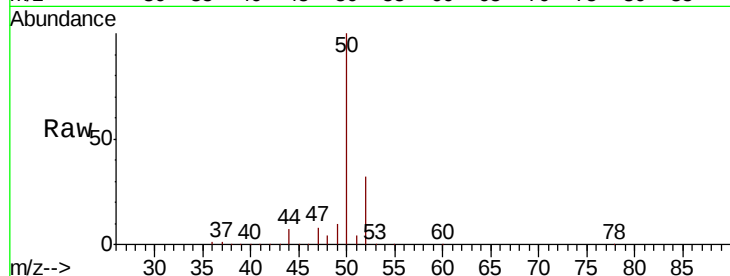
VSTDCCC050EC

Tot Ion: 50 Resp: 161646

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

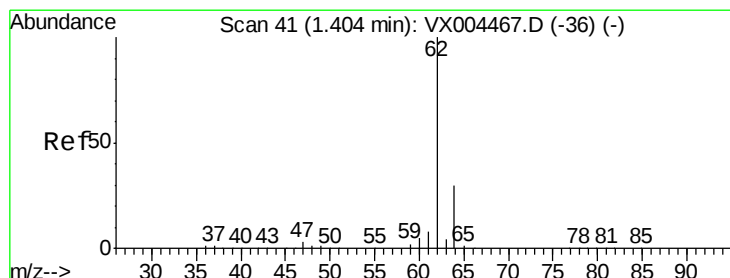
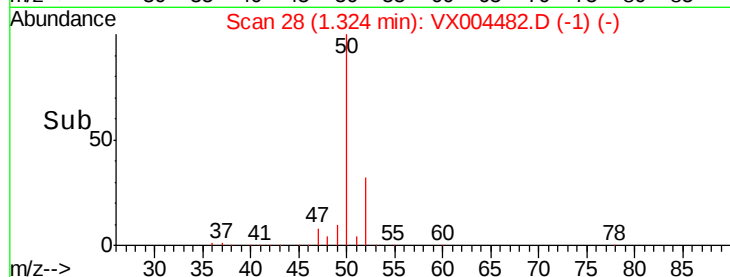
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 54.42 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004482.D

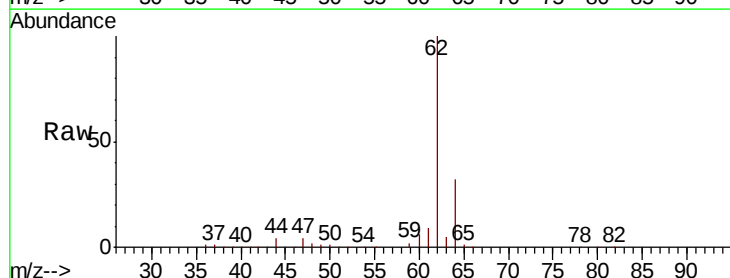
Acq: 11 Sep 2018 22:48

Tgt Ion: 62 Resp: 167626

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

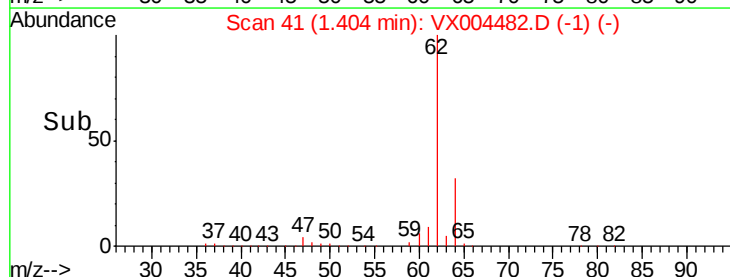
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 63.58 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

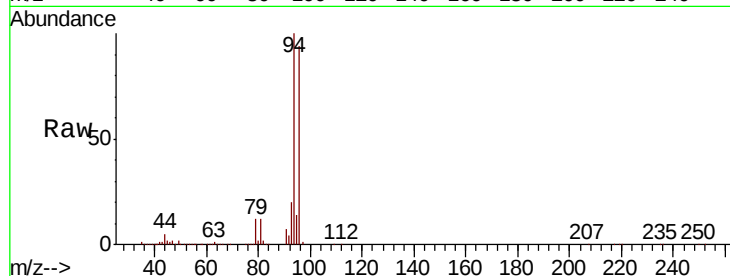
VSTDCCC050EC

Tot Ion: 94 Resp: 81592

Ion Ratio Lower Upper

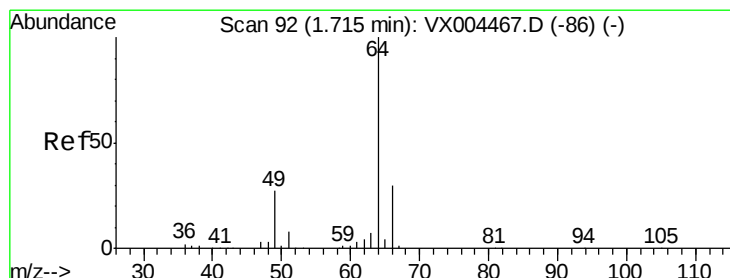
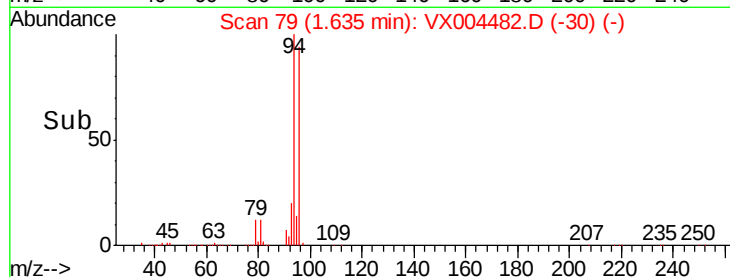
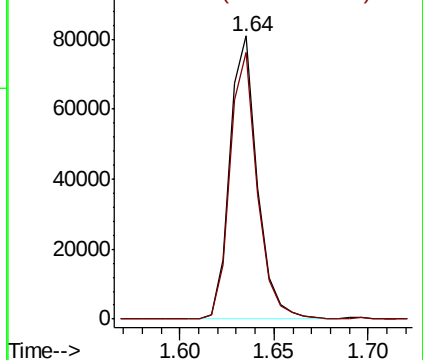
94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.77 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004482.D

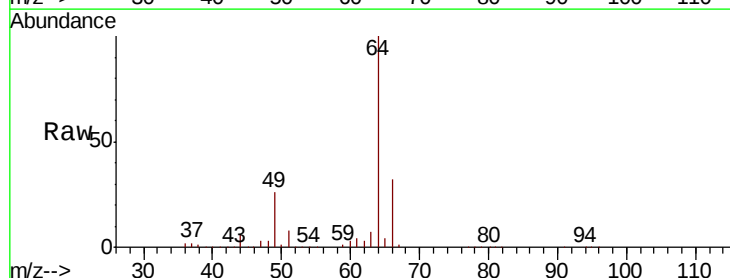
Acq: 11 Sep 2018 22:48

Tgt Ion: 64 Resp: 105115

Ion Ratio Lower Upper

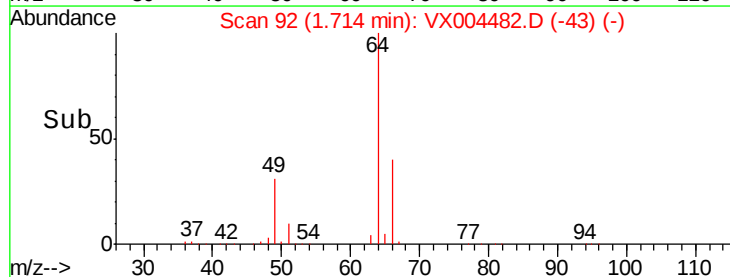
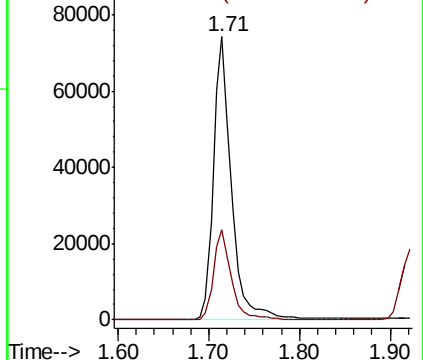
64 100

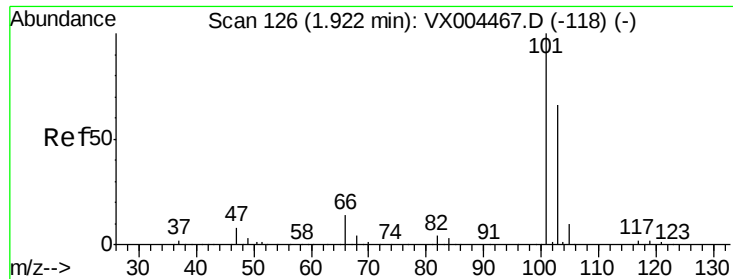
66 31.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.62 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

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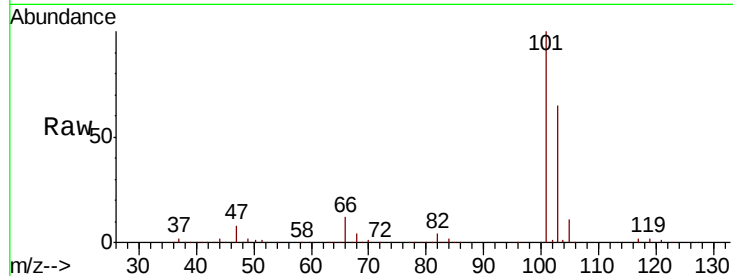
VSTDCCC050EC

Tot Ion:101 Resp: 218936

Ion Ratio Lower Upper

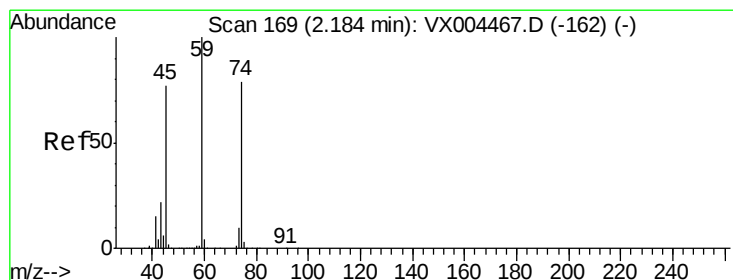
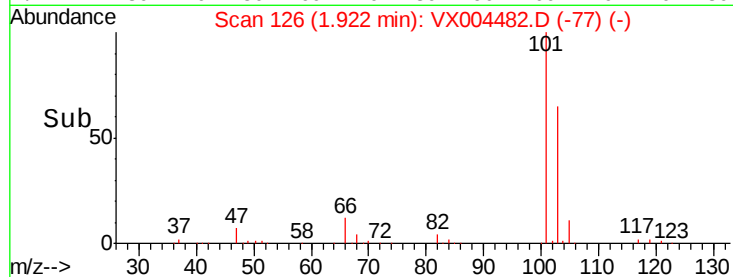
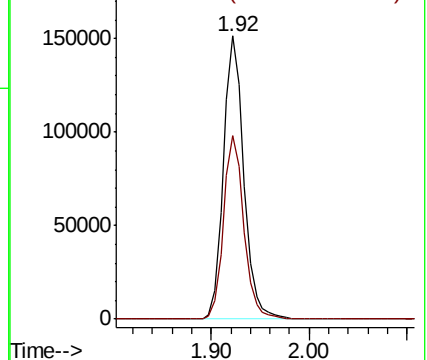
101 100

103 64.7 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.80 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004482.D

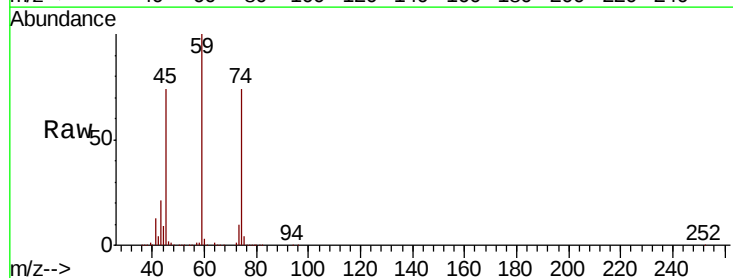
Acq: 11 Sep 2018 22:48

Tgt Ion: 74 Resp: 98484

Ion Ratio Lower Upper

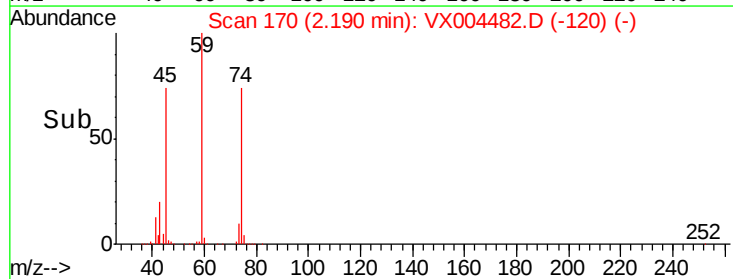
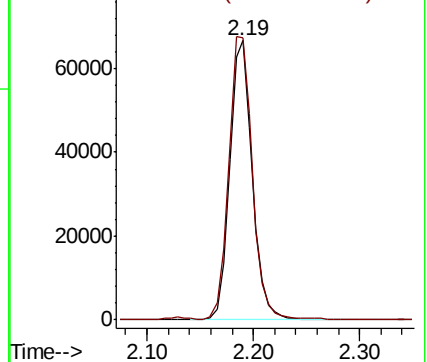
74 100

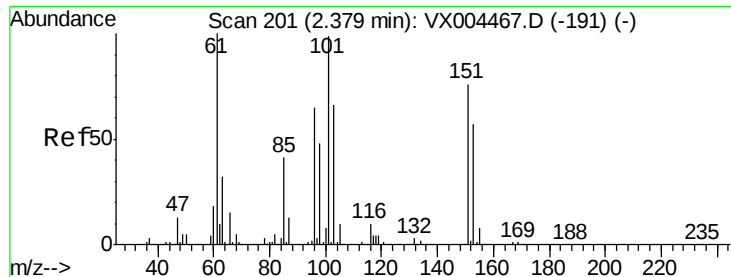
45 105.5 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.62 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

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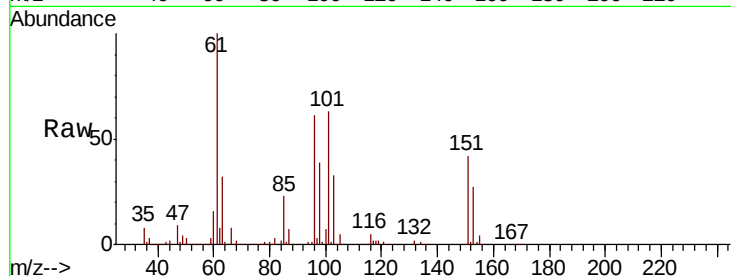
Tot Ion:101 Resp: 138887

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

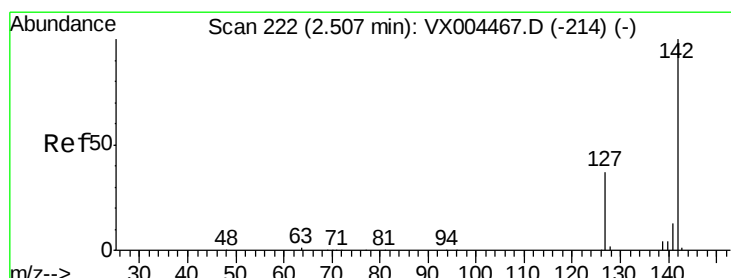
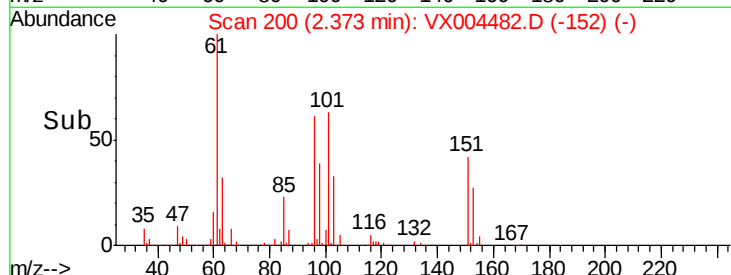
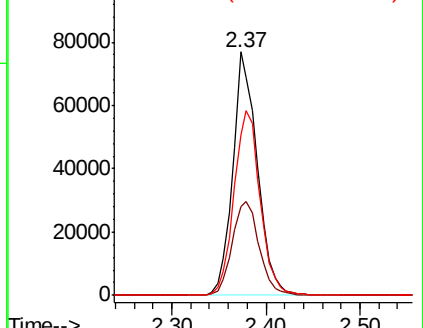
151 80.7 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.52 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

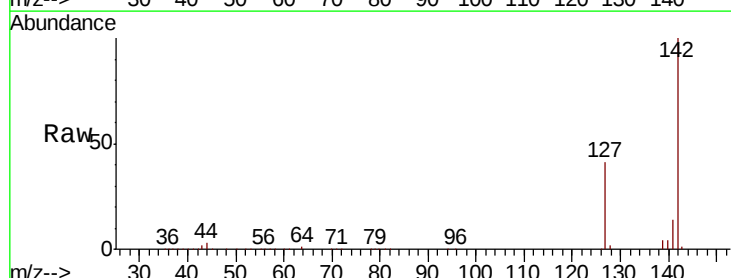
Tgt Ion:142 Resp: 153192

Ion Ratio Lower Upper

142 100

127 41.5 33.8 50.6

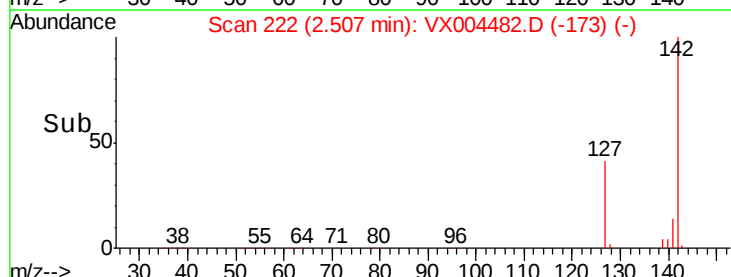
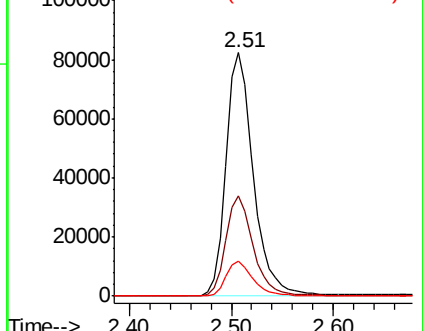
141 14.4 11.4 17.0

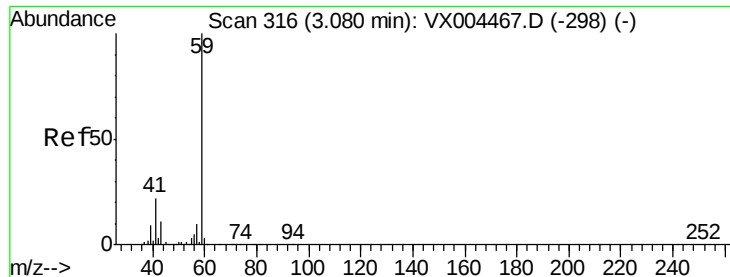


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



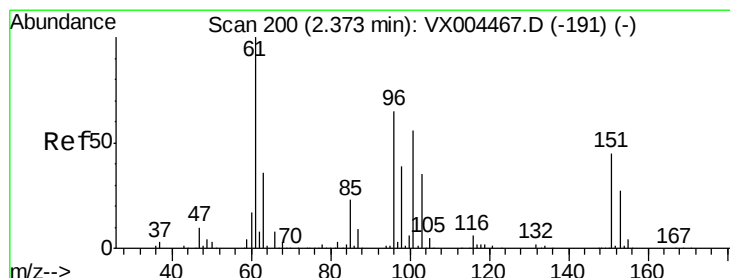
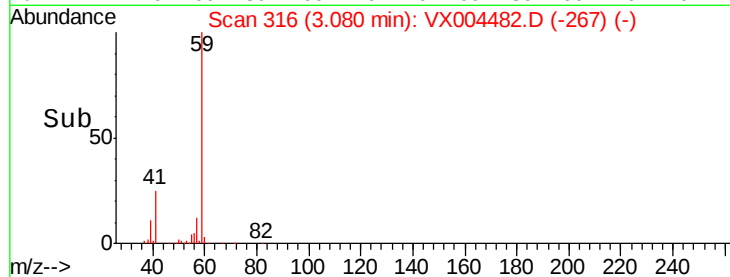
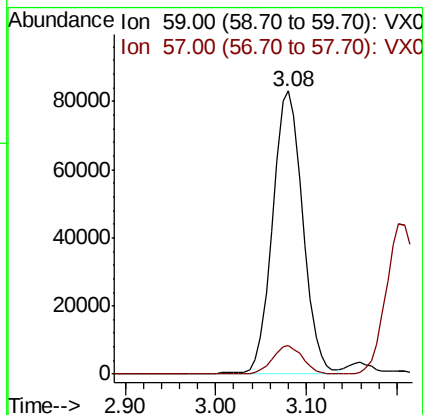
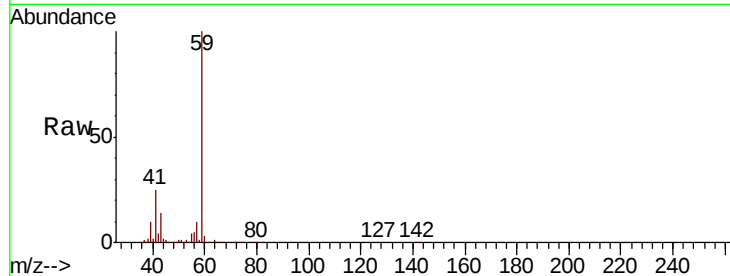


#11

Tert butyl alcohol
 Concen: 268.12 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

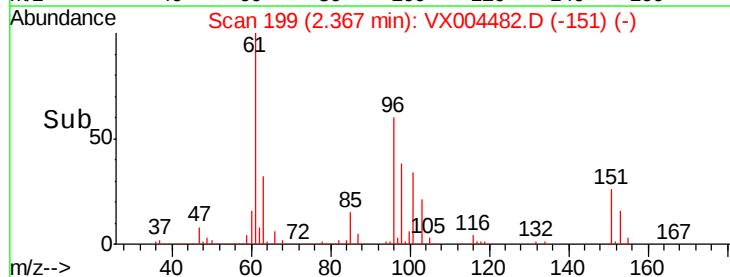
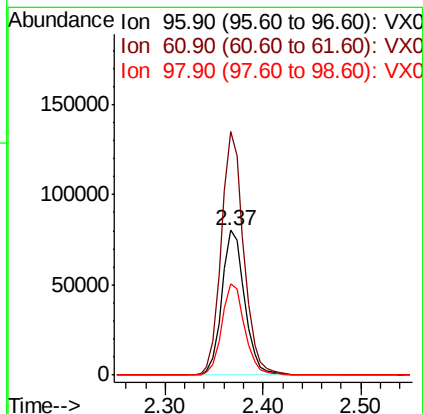
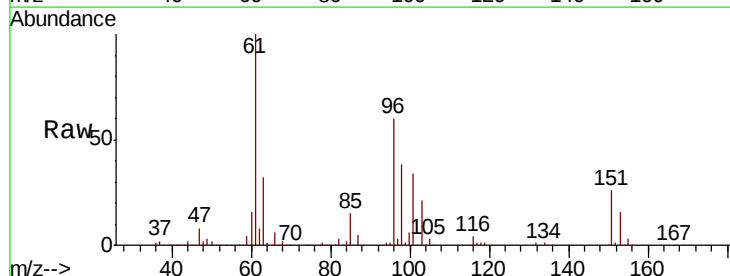
Tot Ion: 59 Resp: 191949
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

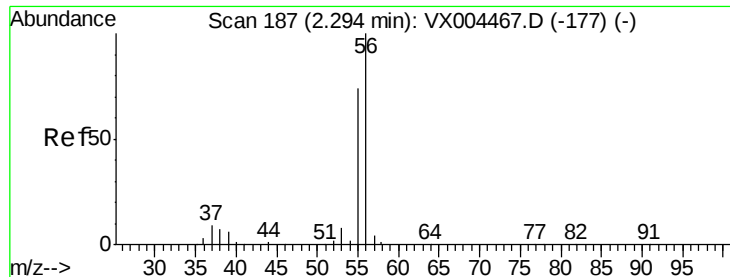


#12

1,1-Dichloroethene
 Concen: 53.41 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 96 Resp: 129845
 Ion Ratio Lower Upper
 96 100
 61 167.9 128.8 193.2
 98 63.2 52.2 78.2

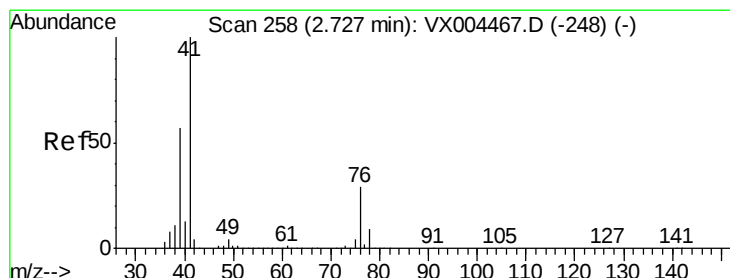
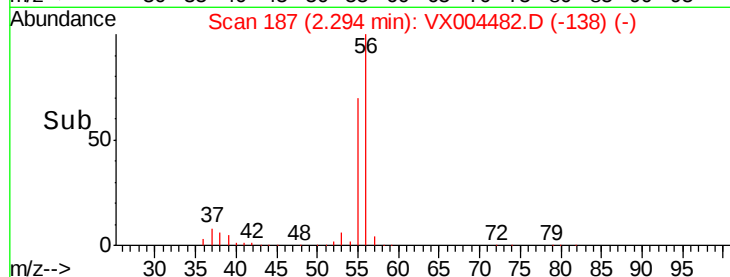
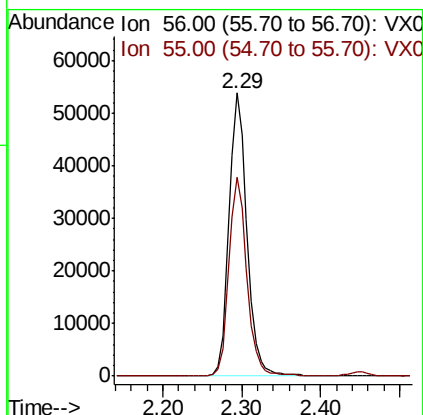
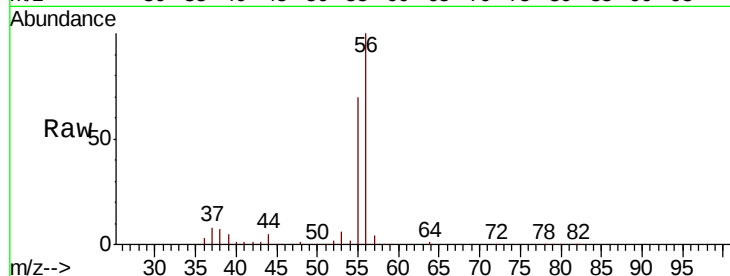




#13
Acrolein
Concen: 301.72 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

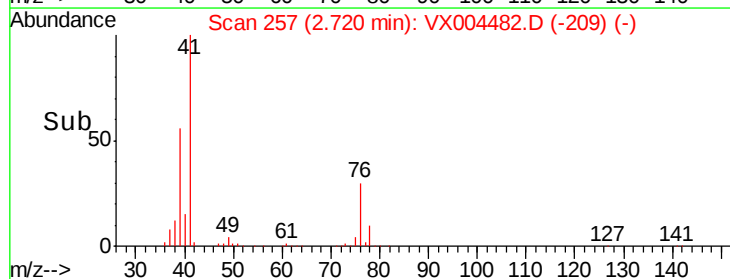
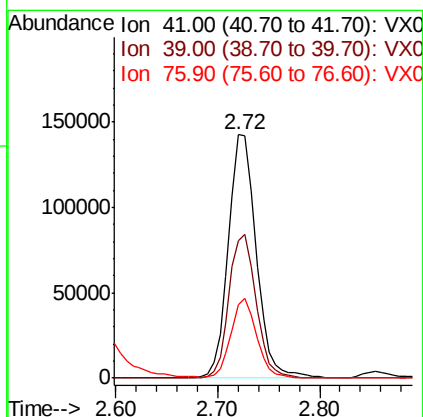
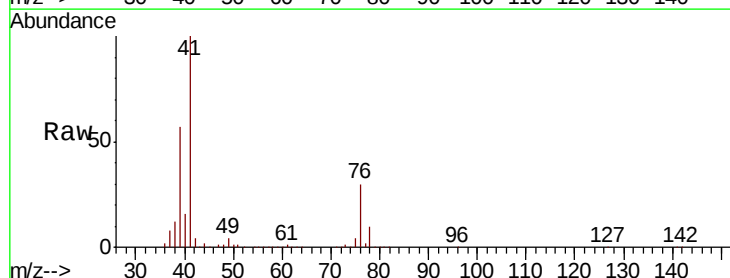
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

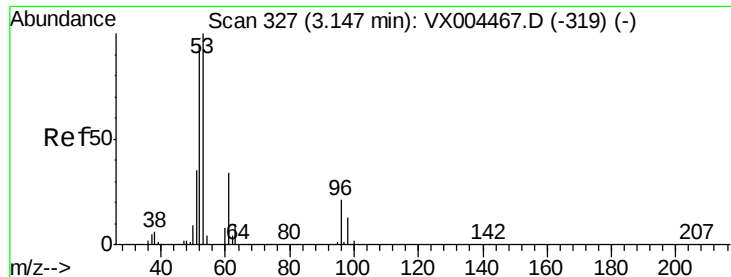
Tot Ion: 56 Resp: 85265
Ion Ratio Lower Upper
56 100
55 70.3 54.7 82.1



#14
Allyl chloride
Concen: 53.95 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 41 Resp: 269664
Ion Ratio Lower Upper
41 100
39 57.3 48.9 73.3
76 30.3 26.7 40.1

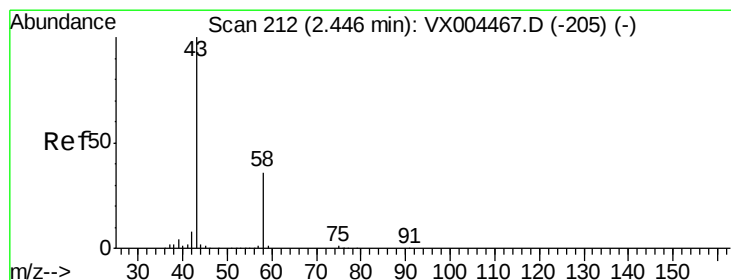
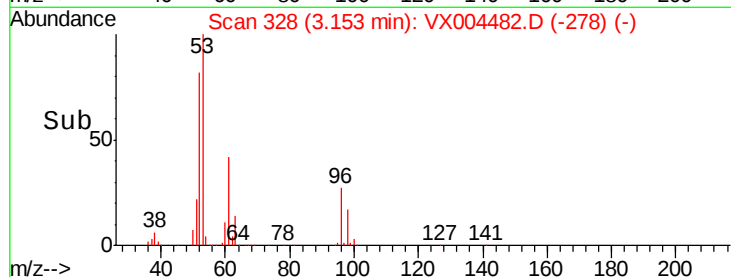
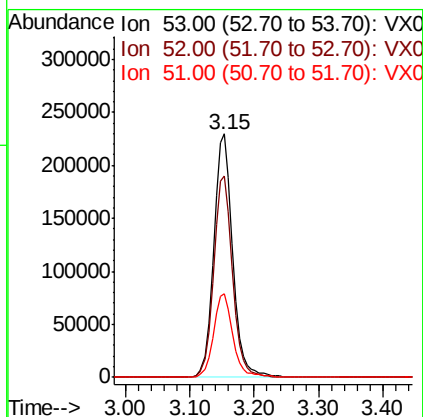
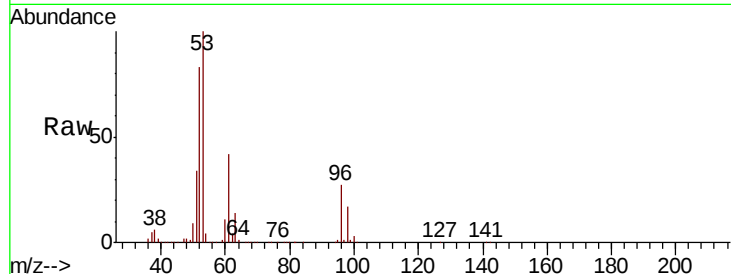




#15
 Acrylonitrile
 Concen: 274.25 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

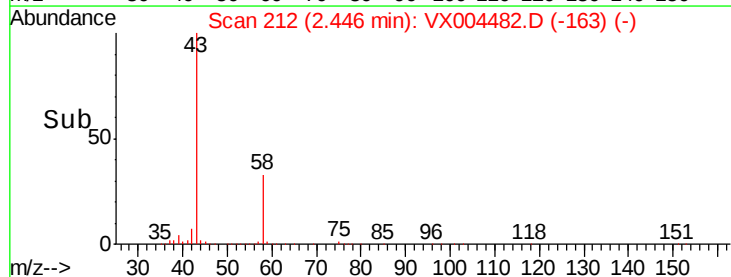
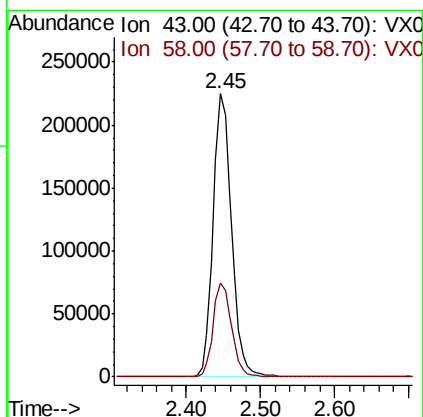
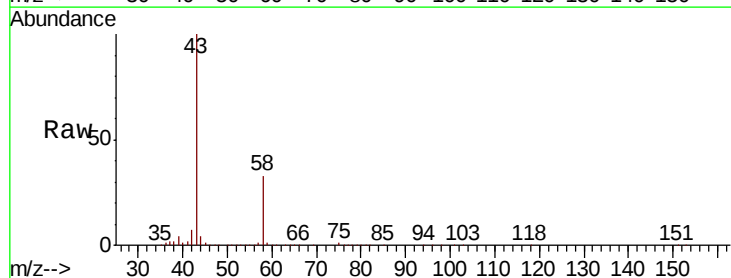
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

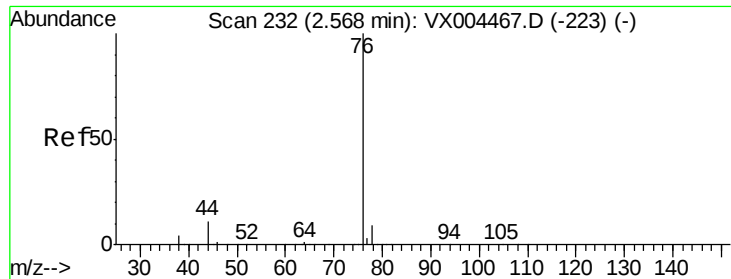
Tot Ion: 53 Resp: 472800
 Ion Ratio Lower Upper
 53 100
 52 82.4 65.2 97.8
 51 34.8 28.2 42.2



#16
 Acetone
 Concen: 259.73 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 43 Resp: 380328
 Ion Ratio Lower Upper
 43 100
 58 33.2 26.2 39.4

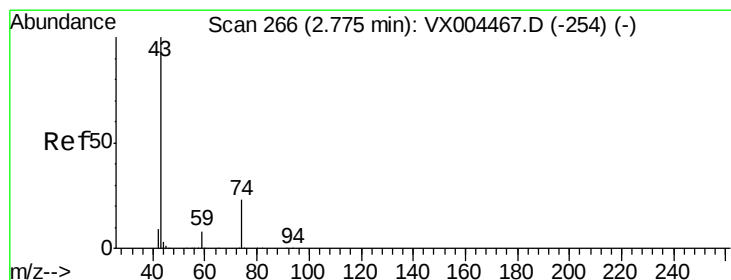
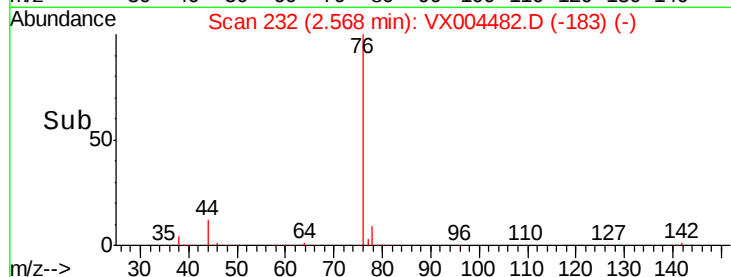
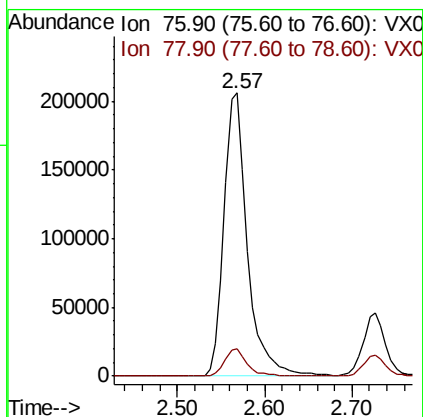
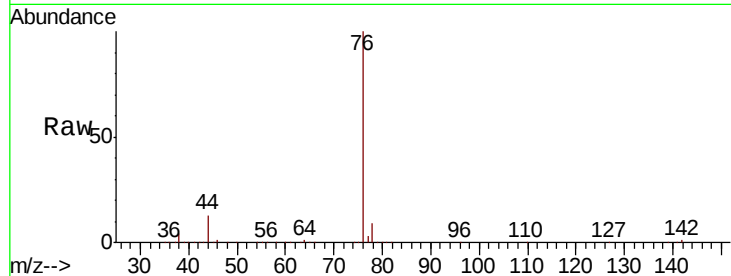




#17
Carbon Disulfide
Concen: 54.39 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

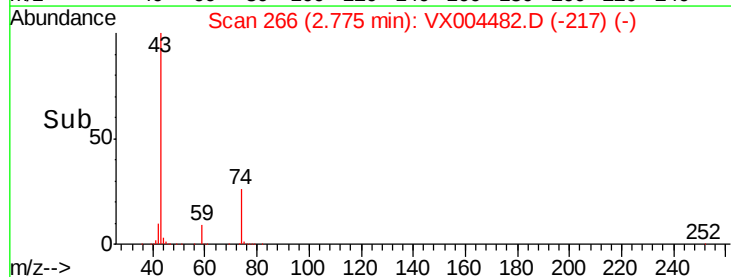
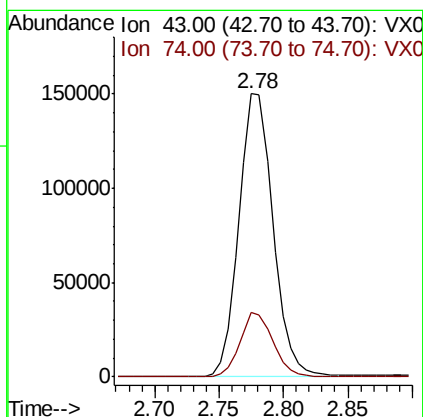
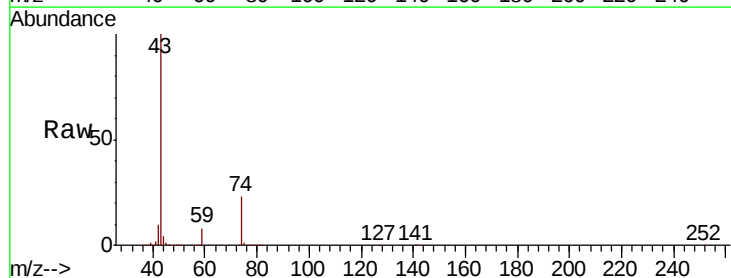
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

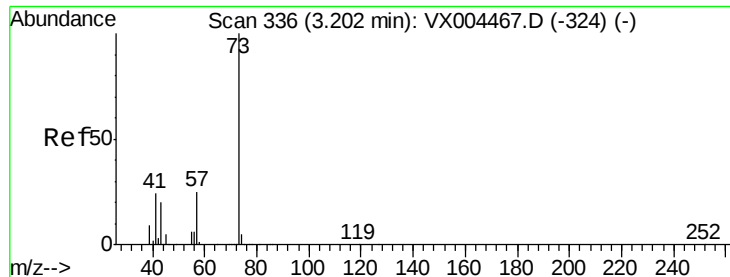
Tot Ion: 76 Resp: 382209
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 66.77 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 43 Resp: 274322
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2

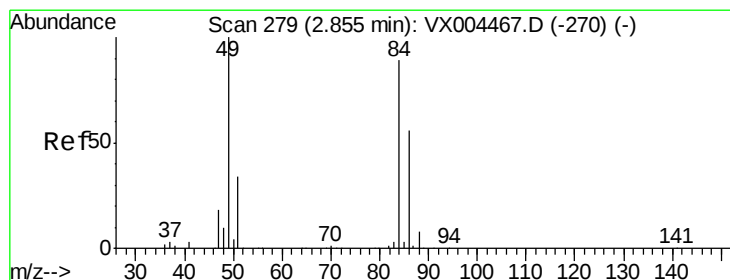
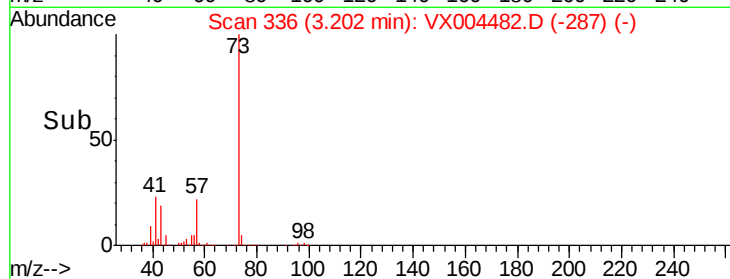
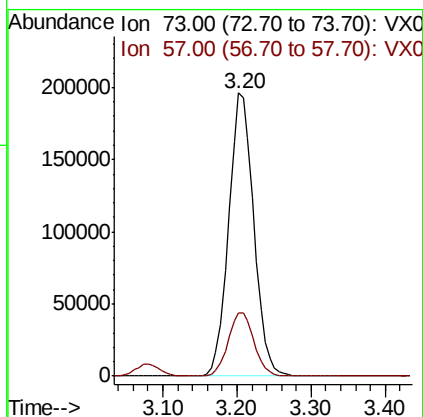
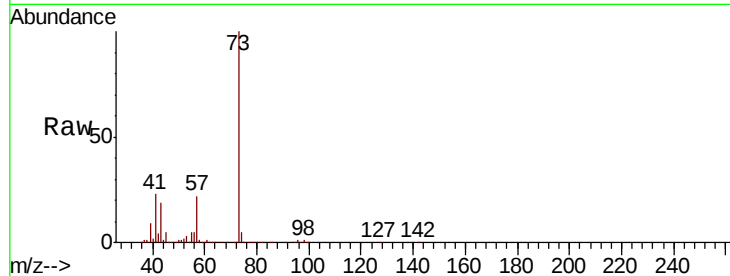




#19
Methyl tert-butyl Ether
Concen: 54.19 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

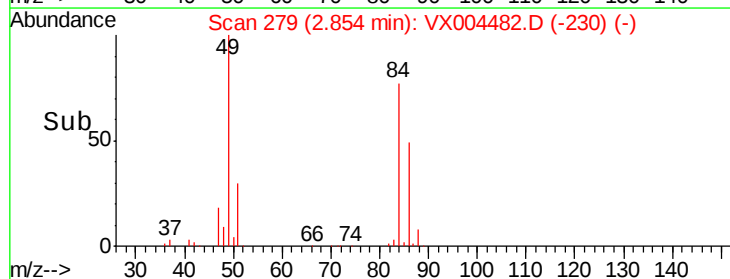
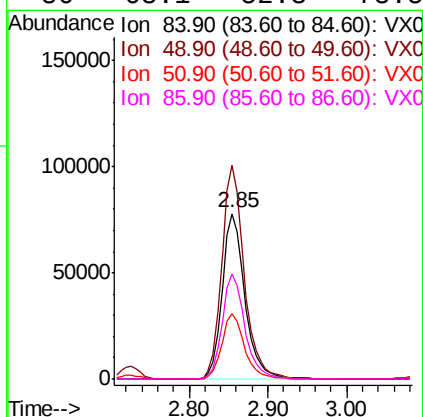
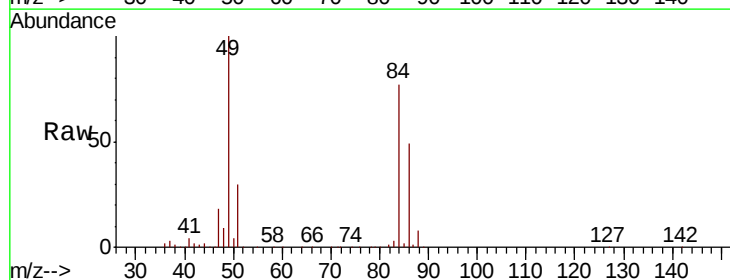
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

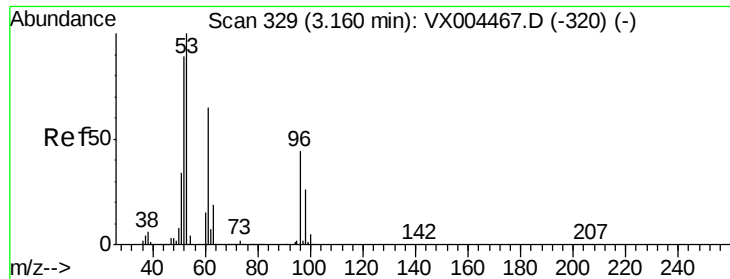
Tot Ion: 73 Resp: 462302
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20
Methylene Chloride
Concen: 51.93 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 84 Resp: 155991
Ion Ratio Lower Upper
84 100
49 129.2 101.2 151.8
51 39.3 29.5 44.3
86 63.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.29 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

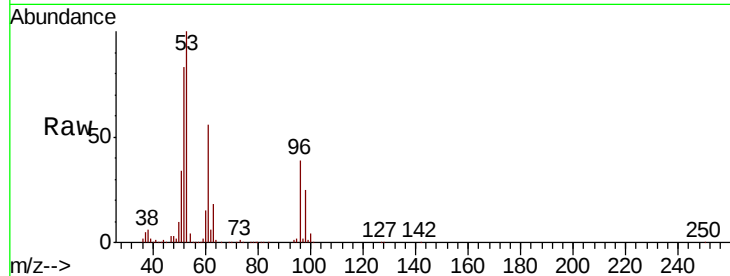
Tot Ion: 96 Resp: 140486

Ion Ratio Lower Upper

96 100

61 144.4 113.8 170.6

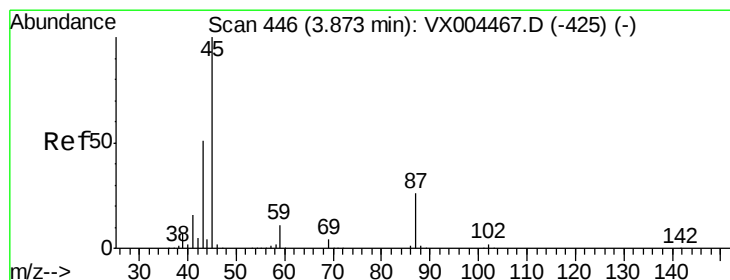
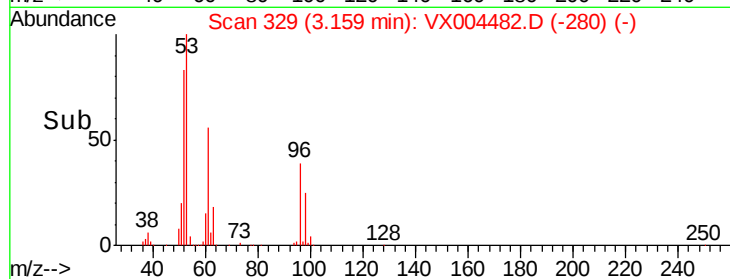
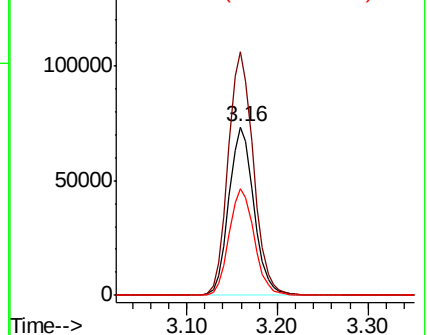
98 63.2 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.00 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Tgt Ion: 45 Resp: 477160

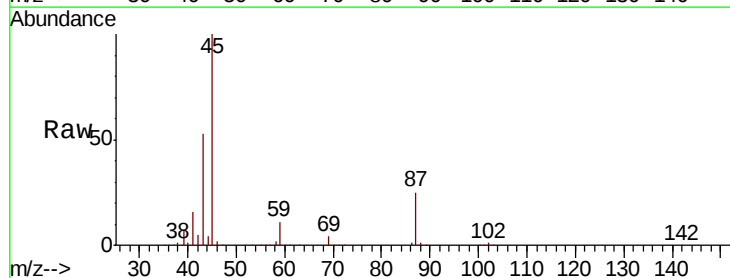
Ion Ratio Lower Upper

45 100

43 52.7 42.8 64.2

87 24.7 22.6 34.0

59 11.1 9.6 14.4

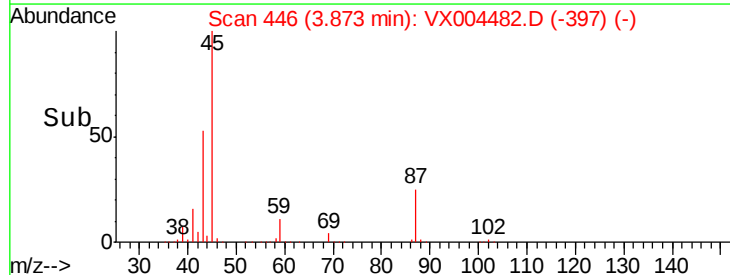
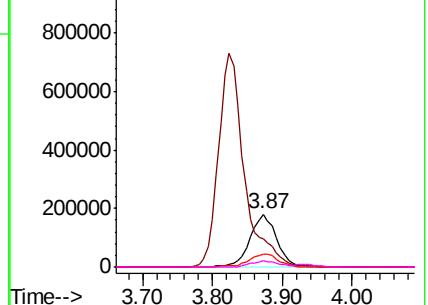


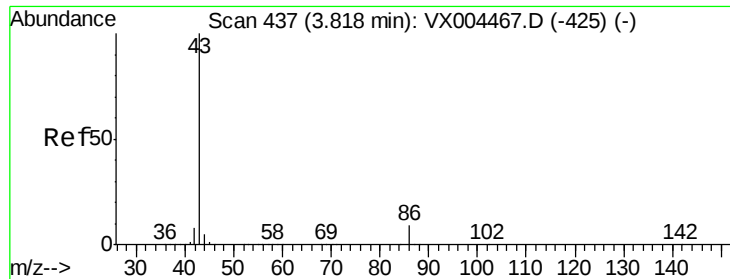
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.99 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

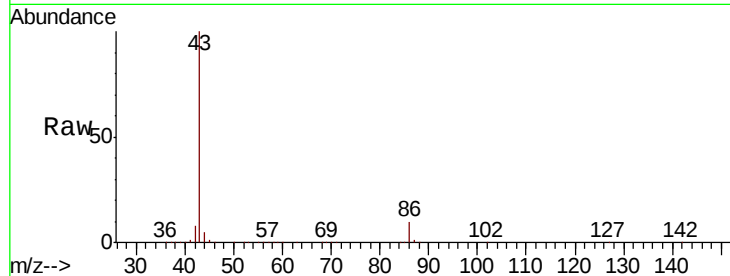
VSTDCCC050EC

Tot Ion: 43 Resp: 1879492

Ion Ratio Lower Upper

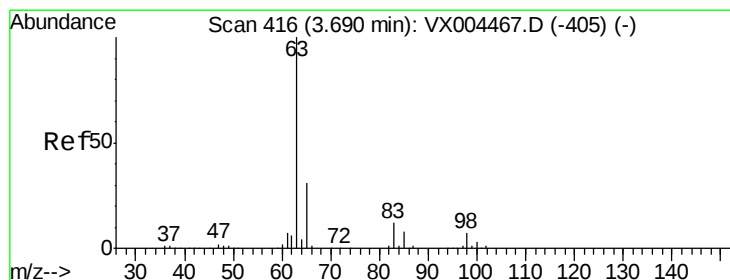
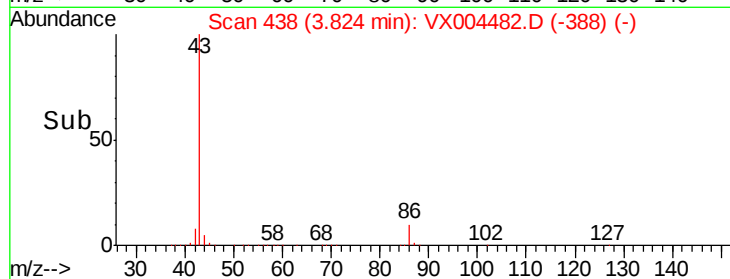
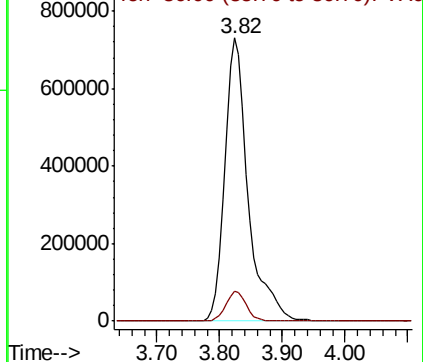
43 100

86 10.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.86 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

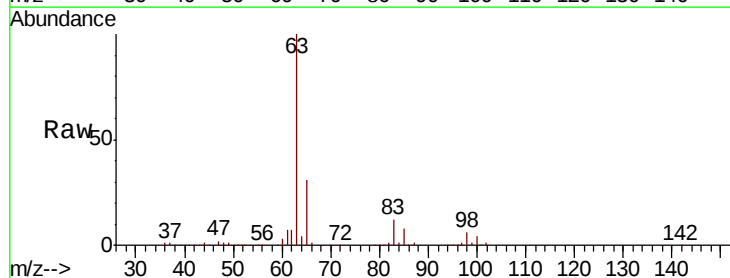
Tgt Ion: 63 Resp: 278840

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

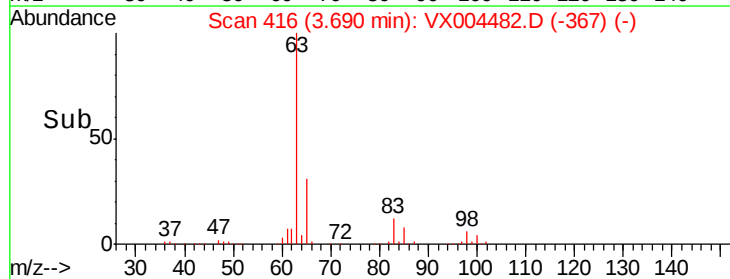
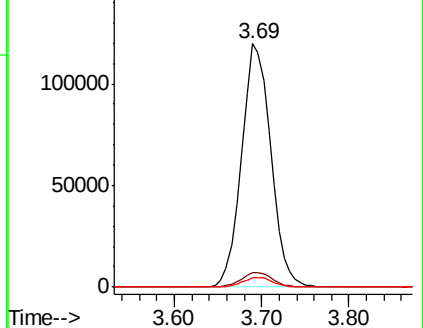
100 3.8 2.4 7.1

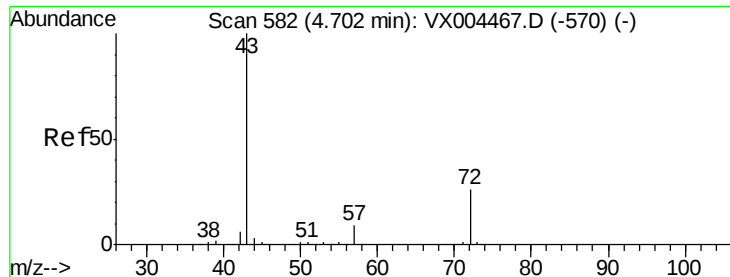


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.75 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

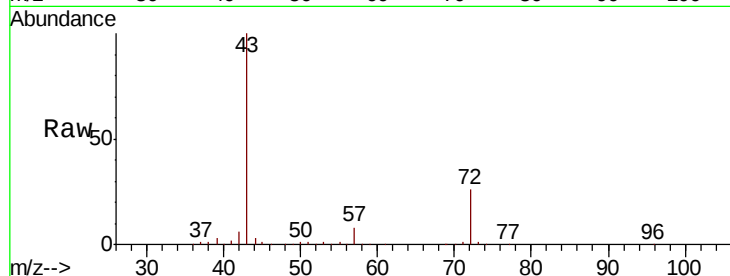
VSTDCCC050EC

Tot Ion: 43 Resp: 596034

Ion Ratio Lower Upper

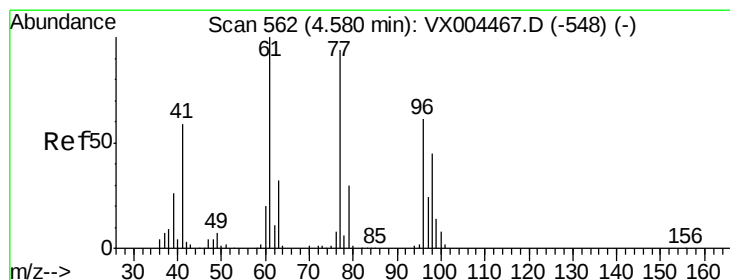
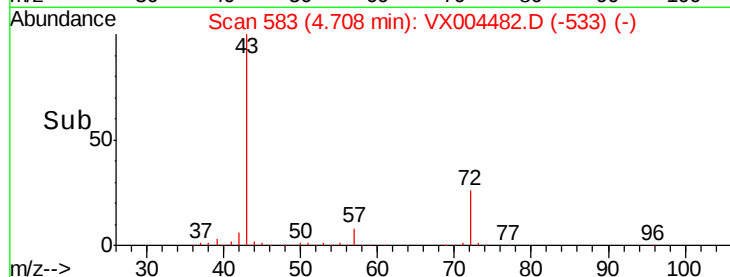
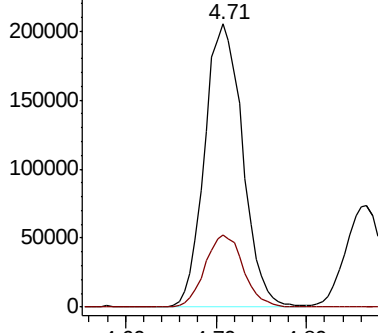
43 100

72 25.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.39 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004482.D

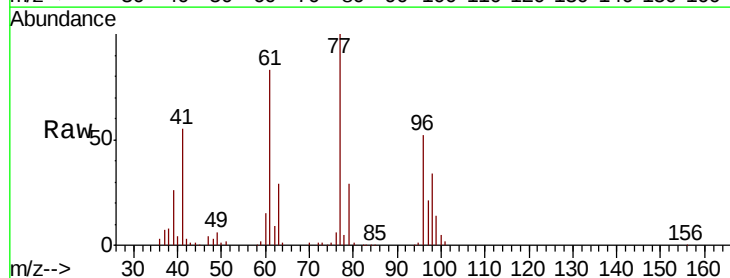
Acq: 11 Sep 2018 22:48

Tgt Ion: 77 Resp: 151462

Ion Ratio Lower Upper

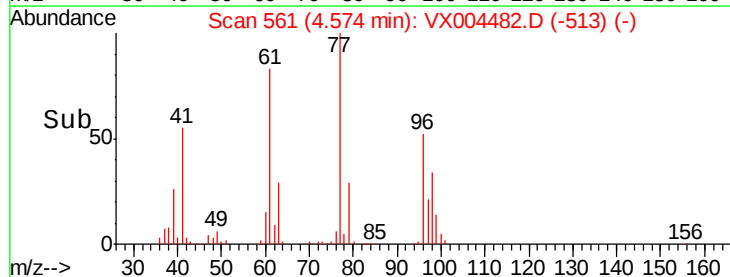
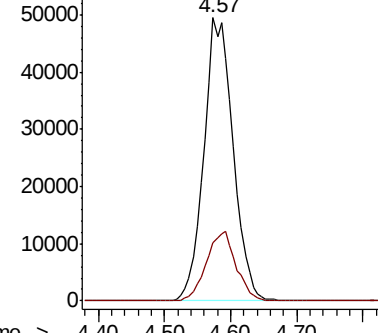
77 100

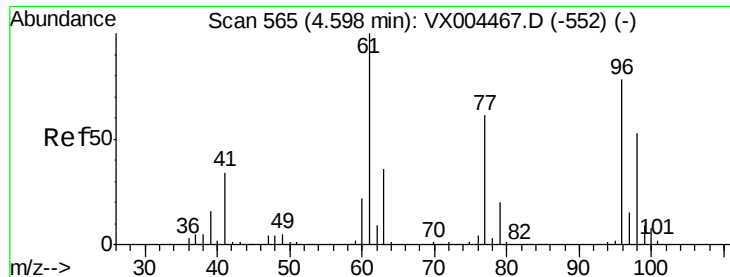
97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



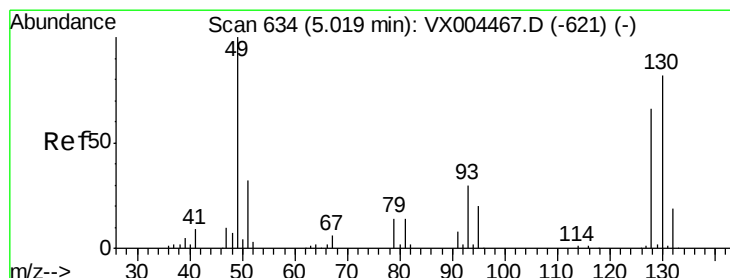
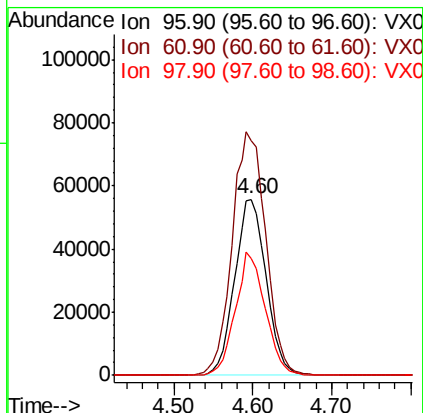
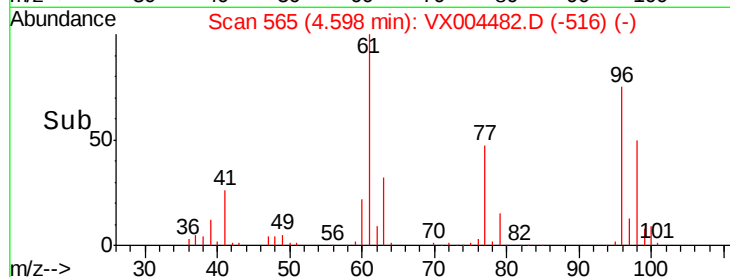
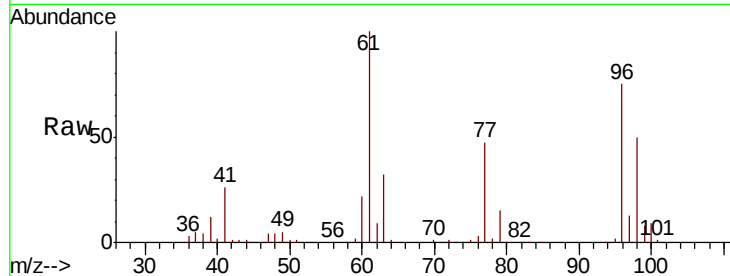


#27

cis-1,2-Dichloroethene
Concen: 51.69 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

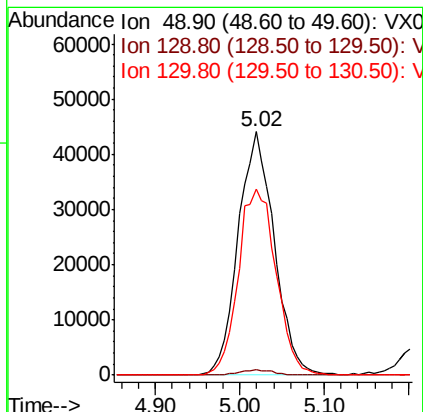
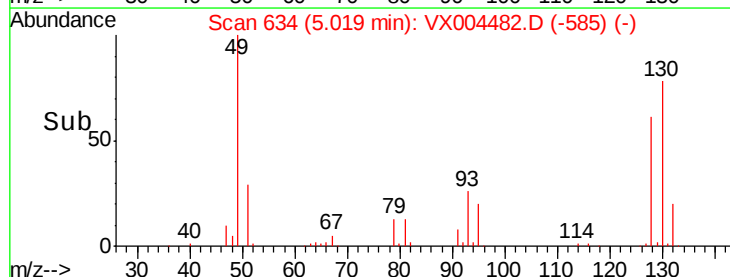
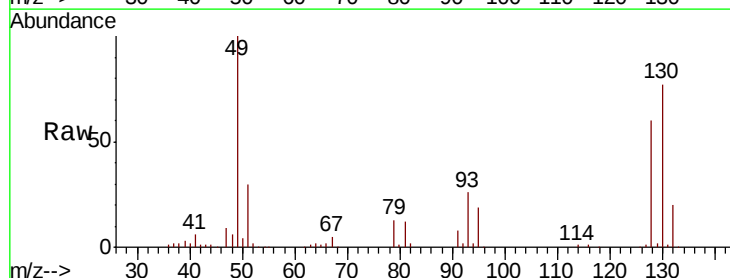
Tot Ion: 96 Resp: 155023
Ion Ratio Lower Upper
96 100
61 147.4 0.0 282.6
98 66.1 0.0 130.2

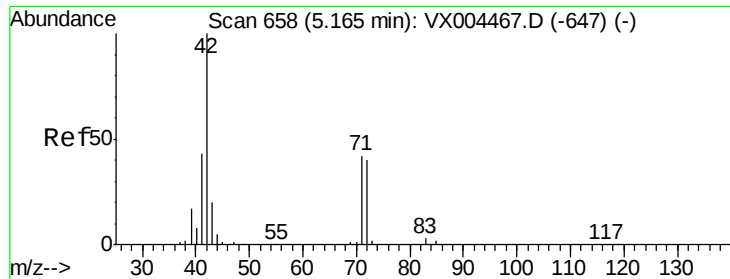


#28

Bromochloromethane
Concen: 55.01 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 49 Resp: 127899
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 80.0 67.5 101.3

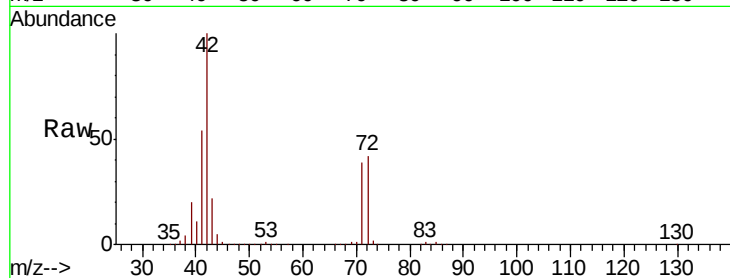




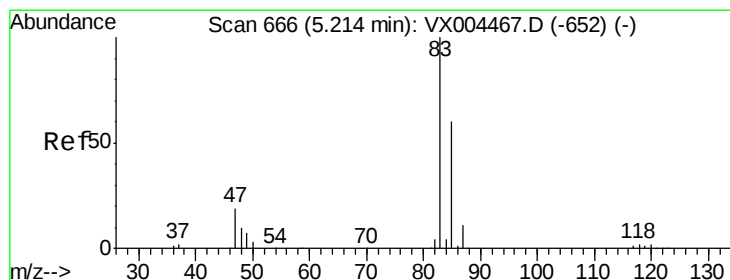
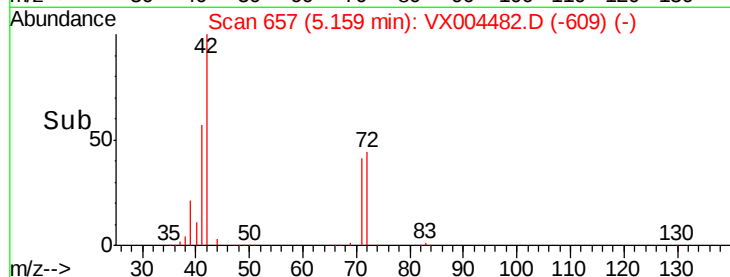
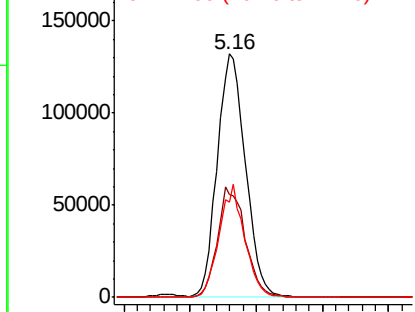
#29
Tetrahydrofuran
Concen: 277.57 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 390107
Ion Ratio Lower Upper
42 100
72 44.5 37.4 56.0
71 42.0 34.5 51.7

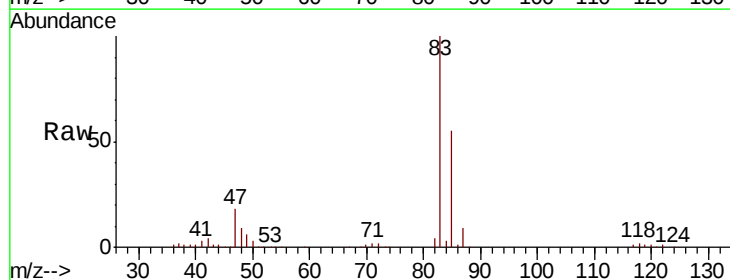


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

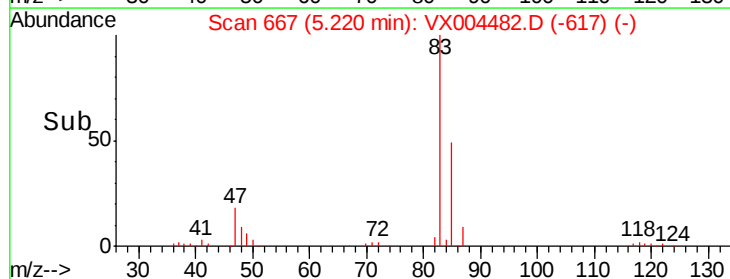
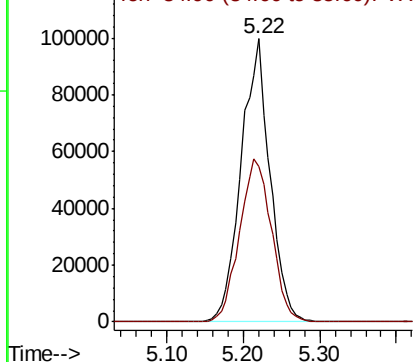


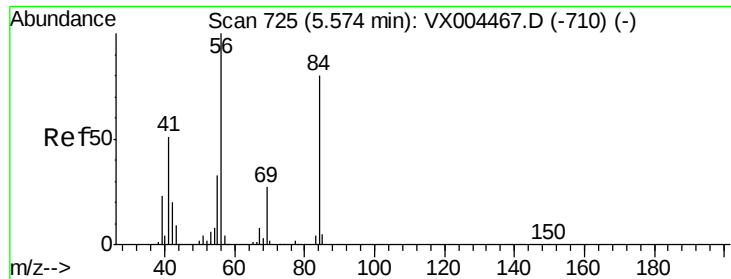
#30
Chloroform
Concen: 52.53 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 83 Resp: 260656
Ion Ratio Lower Upper
83 100
85 54.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

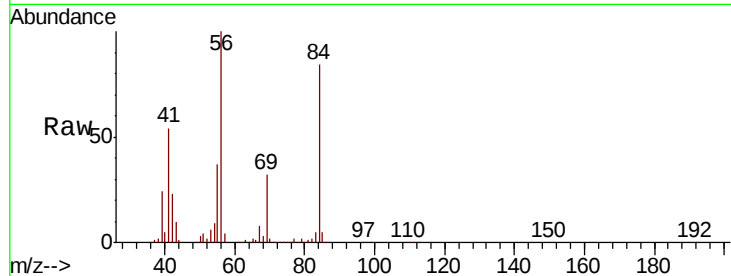




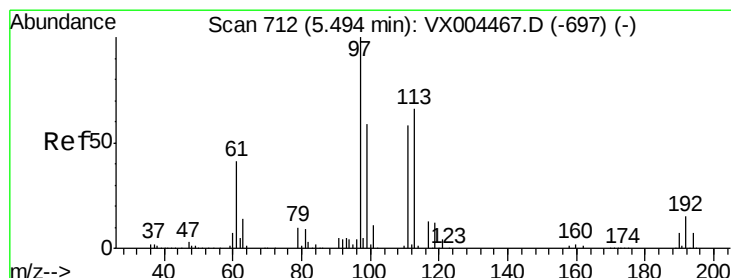
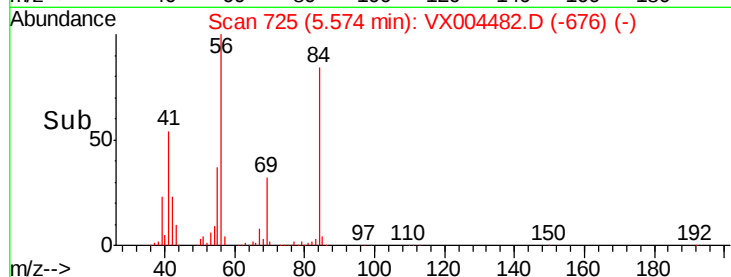
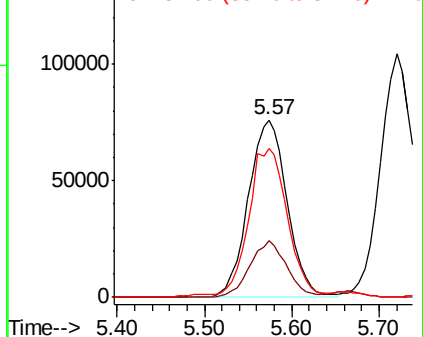
#31
Cyclohexane
Concen: 54.03 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 234472
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.2
84 83.1 71.4 107.2

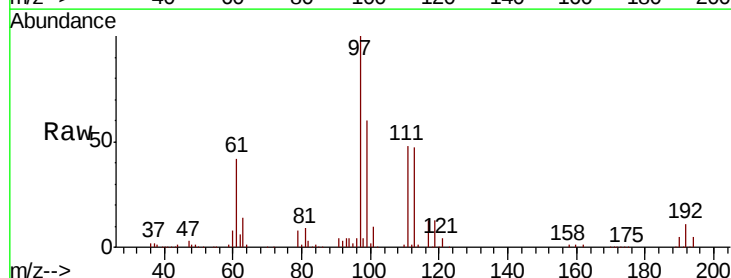


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

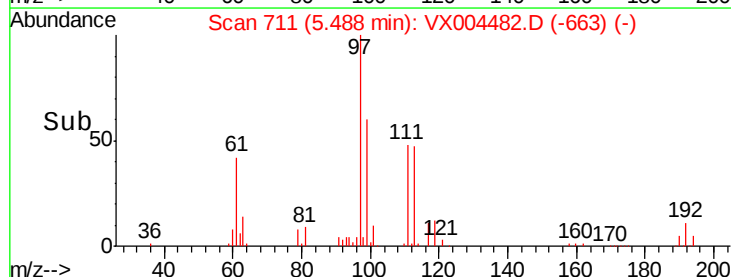
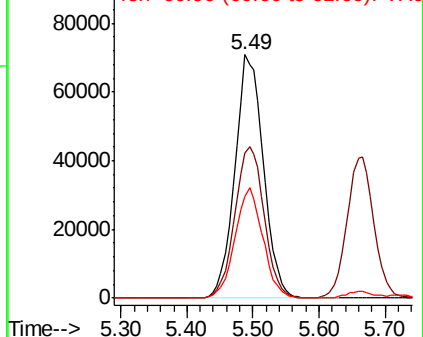


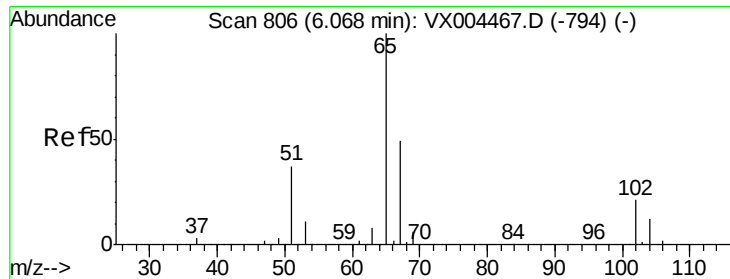
#32
1,1,1-Trichloroethane
Concen: 52.85 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 97 Resp: 211233
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 44.3 34.9 52.3



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

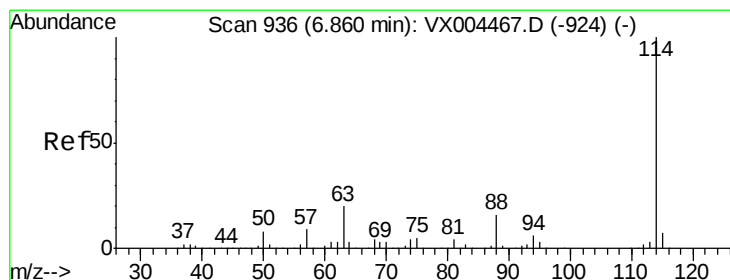
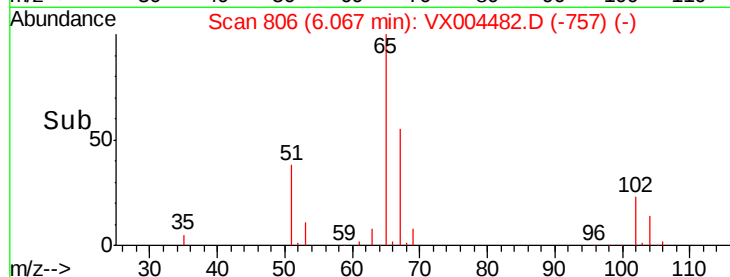
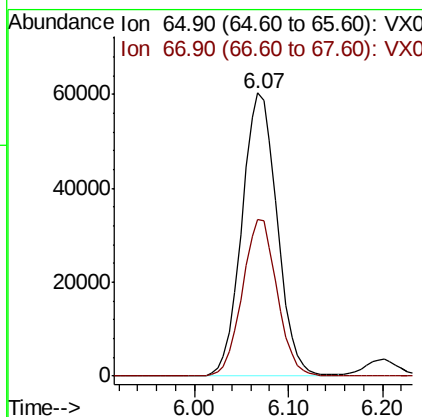
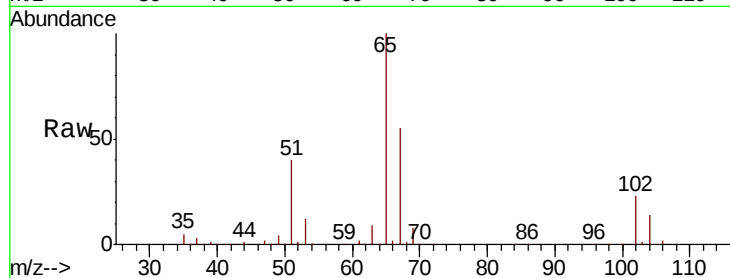




#33
 1,2-Dichloroethane-d4
 Concen: 52.39 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

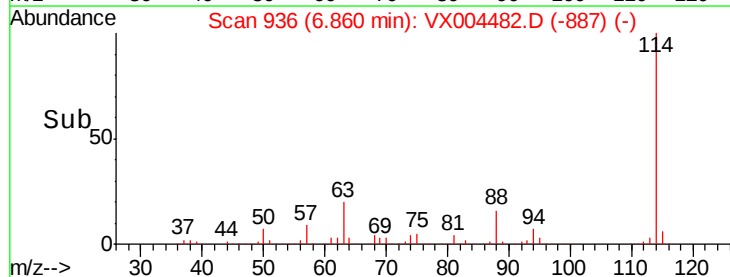
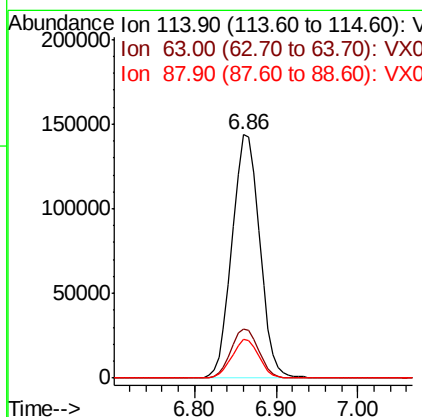
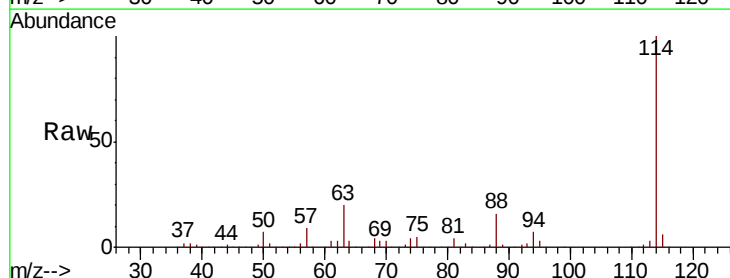
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

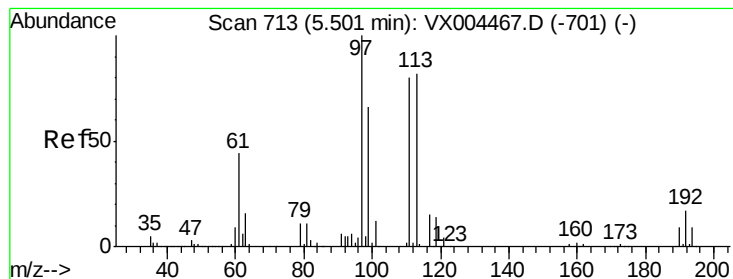
Tot Ion: 65 Resp: 157170
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 114 Resp: 336818
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.29 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

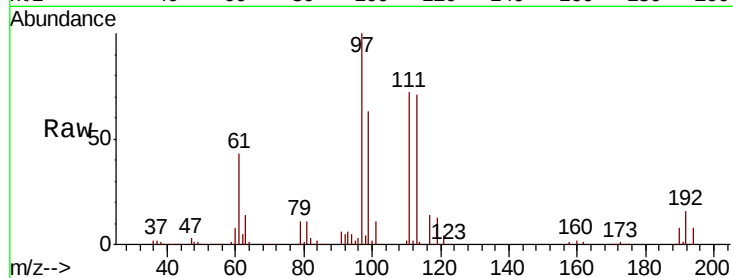
Tot Ion:113 Resp: 133432

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

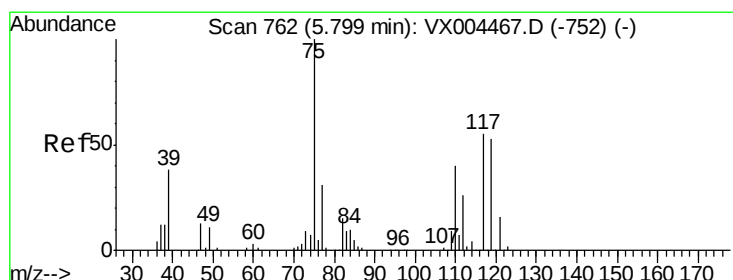
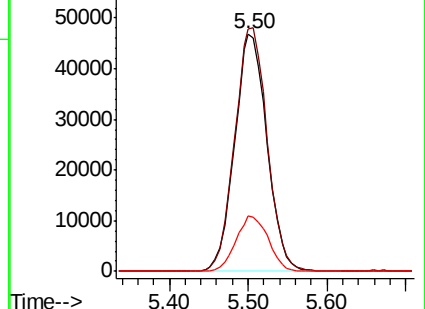
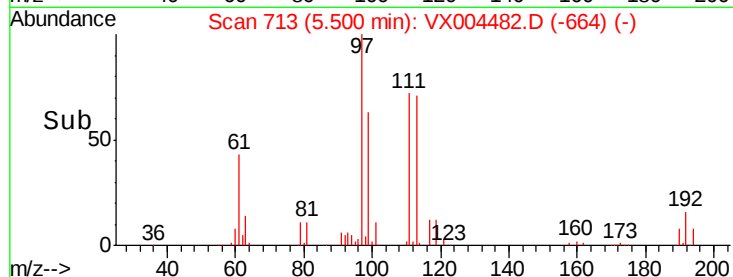
192 23.4 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.42 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

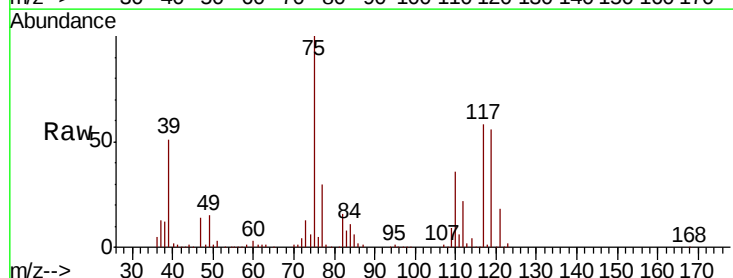
Tgt Ion: 75 Resp: 189804

Ion Ratio Lower Upper

75 100

110 35.8 18.0 54.0

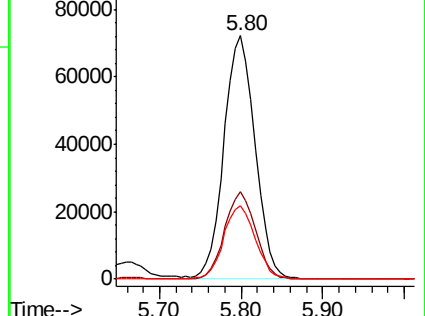
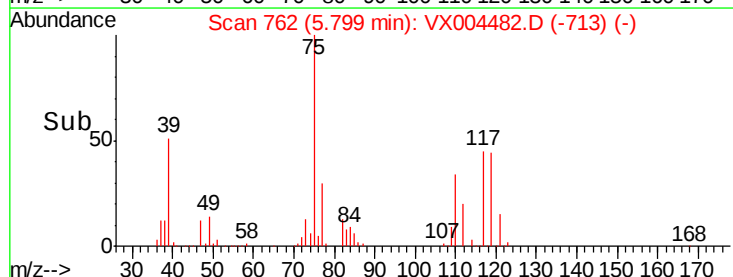
77 30.8 24.6 36.8

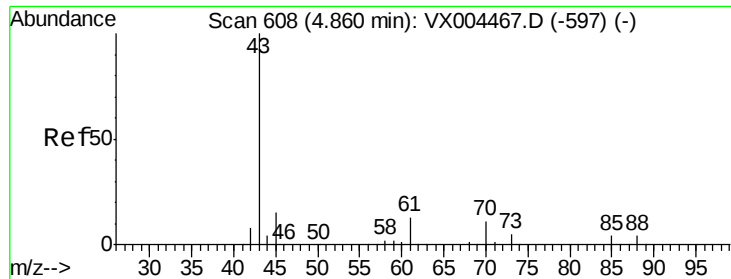


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

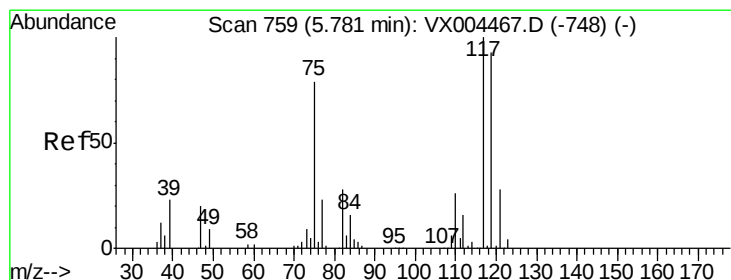
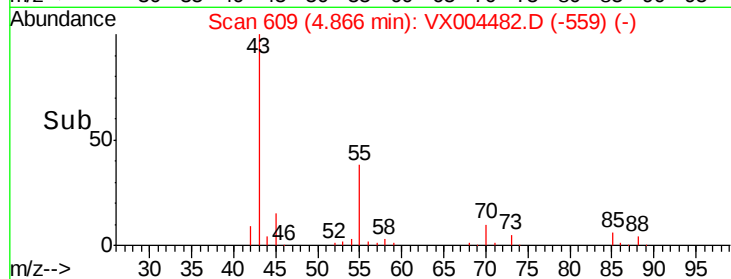
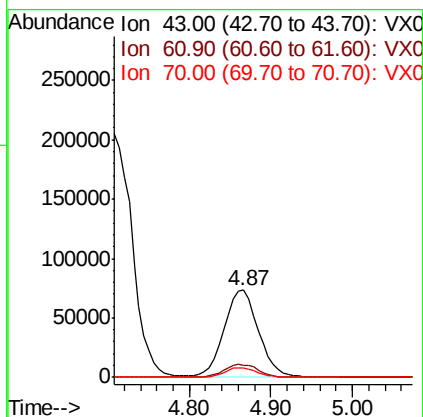
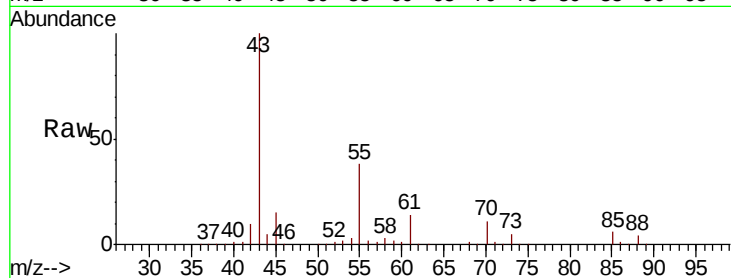




#37
Ethyl Acetate
Concen: 45.98 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

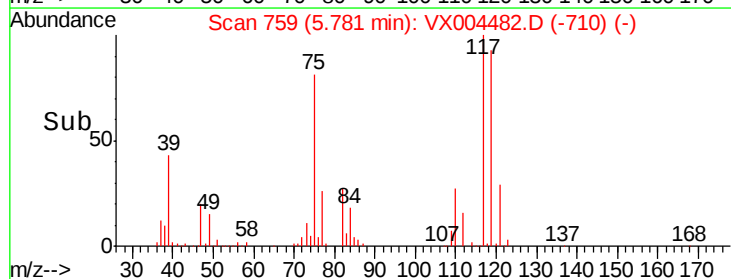
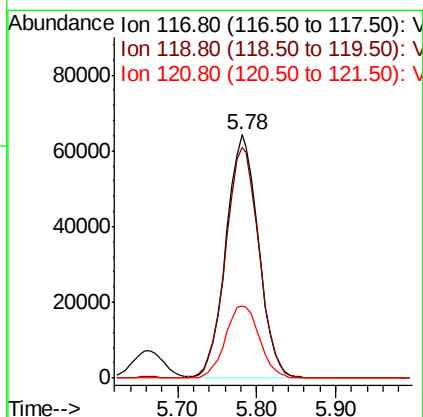
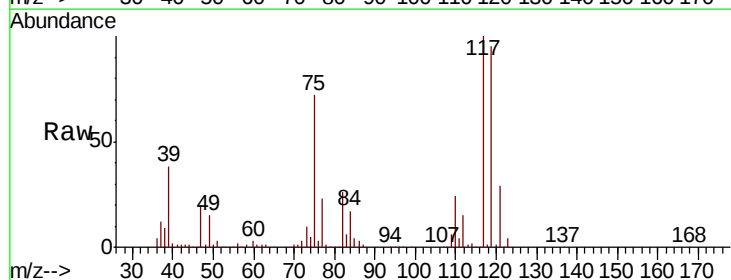
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

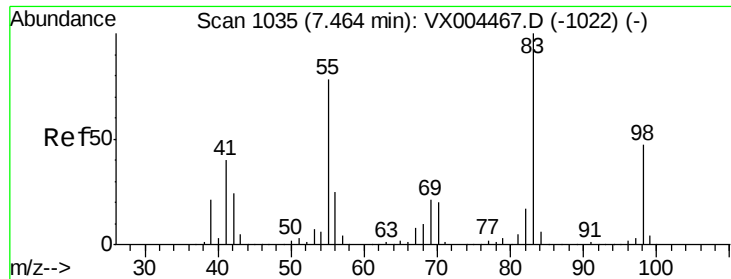
Tot Ion: 43 Resp: 213853
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.16 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 117 Resp: 184364
Ion Ratio Lower Upper
117 100
119 94.8 78.8 118.2
121 29.5 24.9 37.3

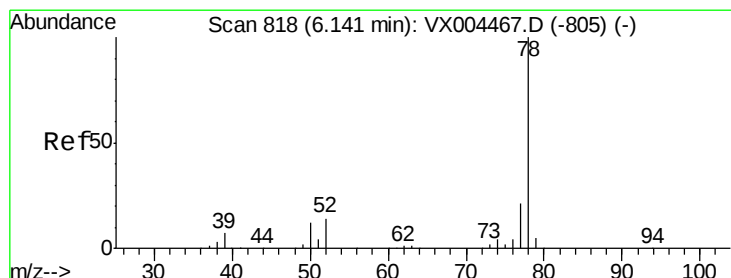
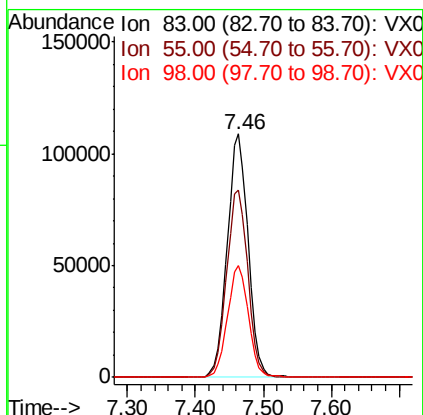
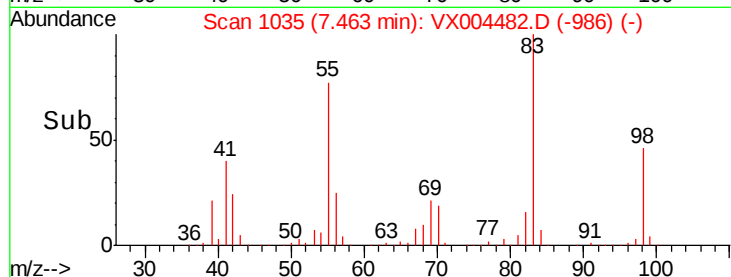
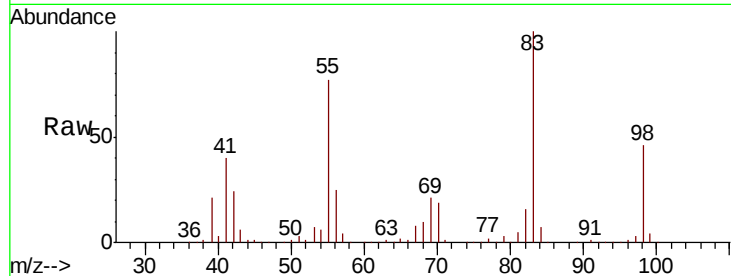




#39
Methylvlcvclohexane
Concen: 54.22 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

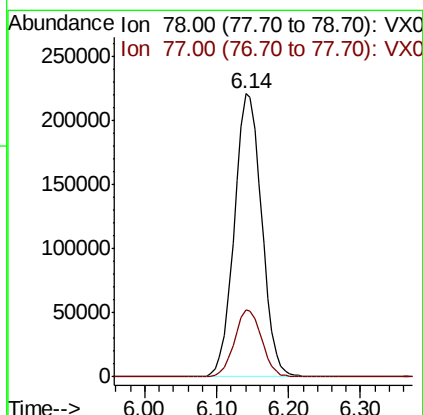
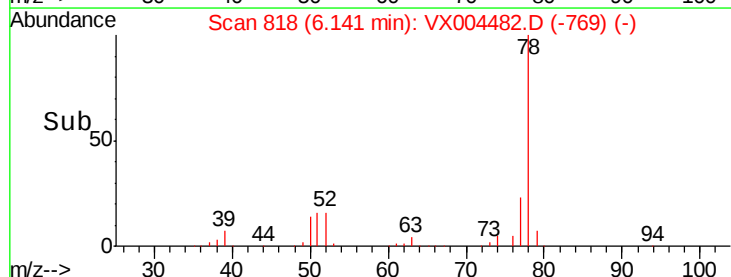
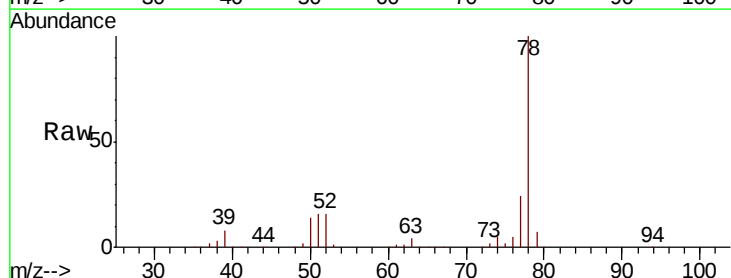
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 231371
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.4
98 46.0 39.6 59.4



#40
Benzene
Concen: 48.02 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 78 Resp: 582582
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

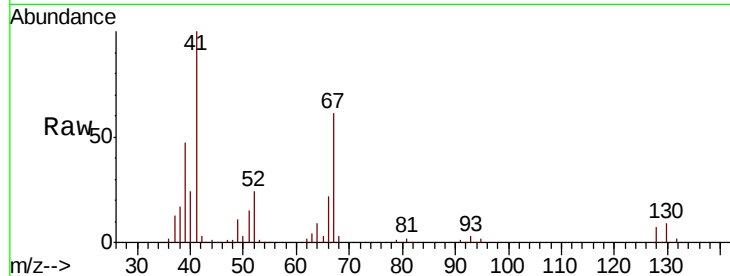




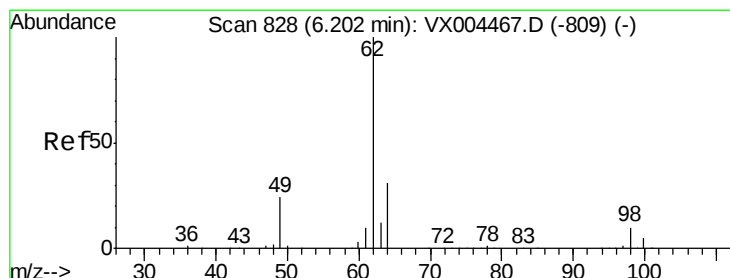
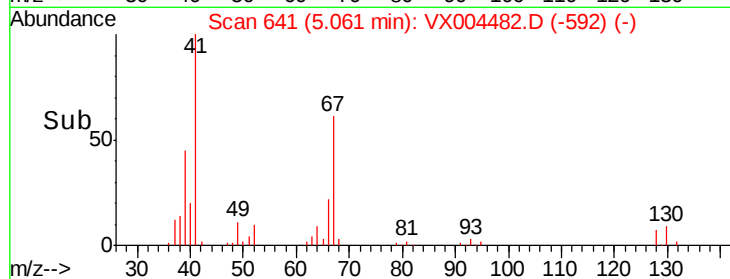
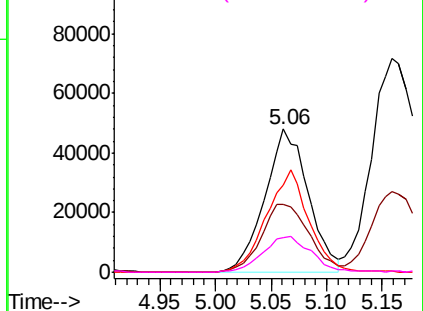
#41
Methacrylonitrile
Concen: 50.98 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	130645
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.4	63.6
67	70.2	59.2	88.8
52	27.2	23.0	34.4

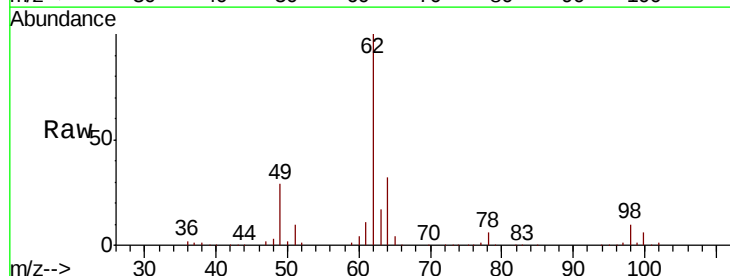


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

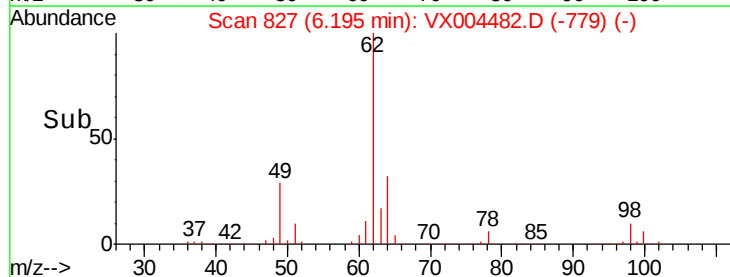
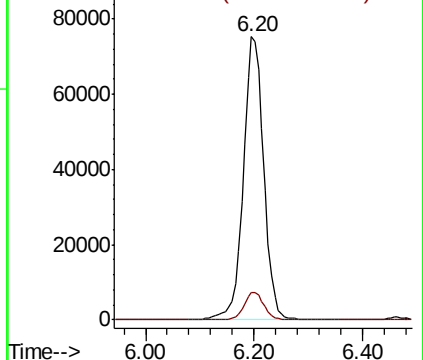


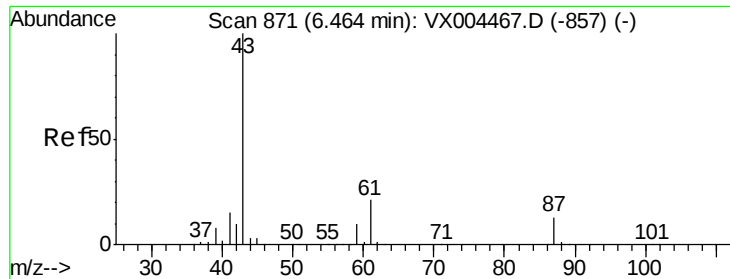
#42
1,2-Dichloroethane
Concen: 48.35 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion:	62	Resp:	194545
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6



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



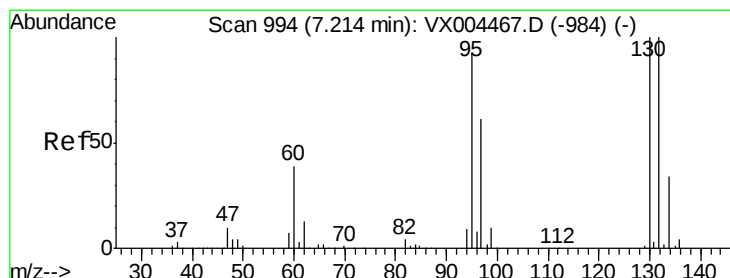
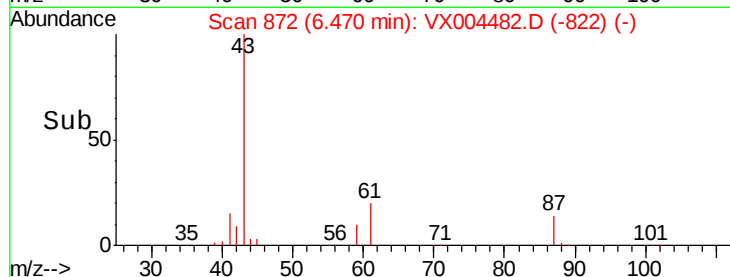
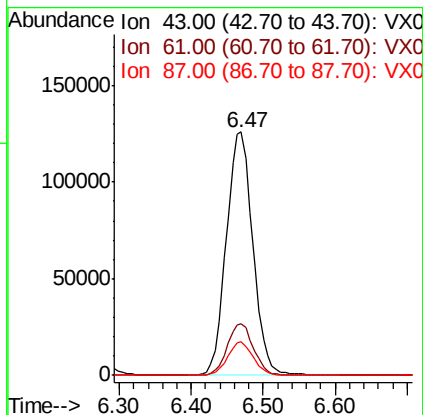
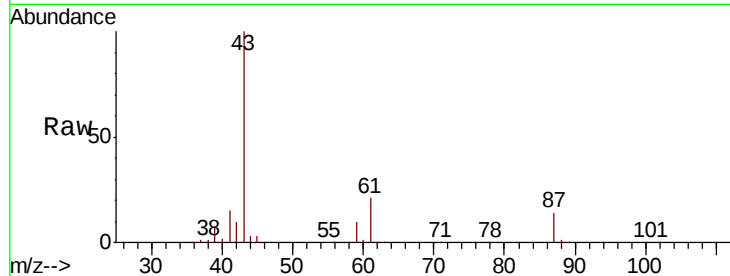


#43

Isopropyl Acetate
 Concen: 52.01 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

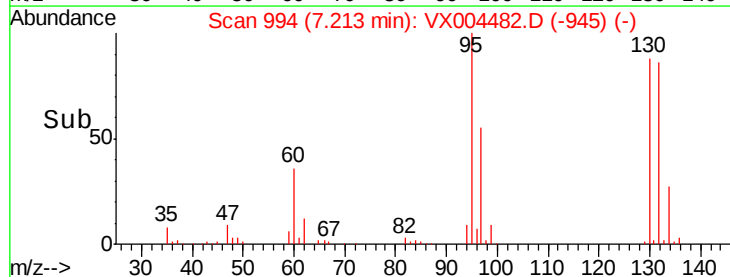
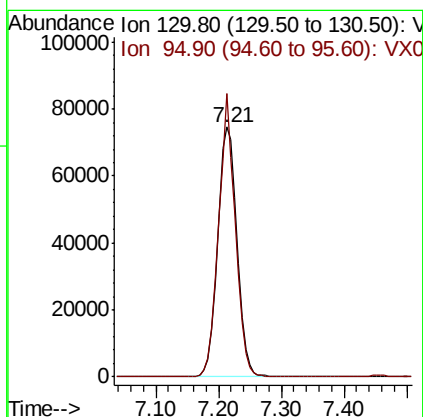
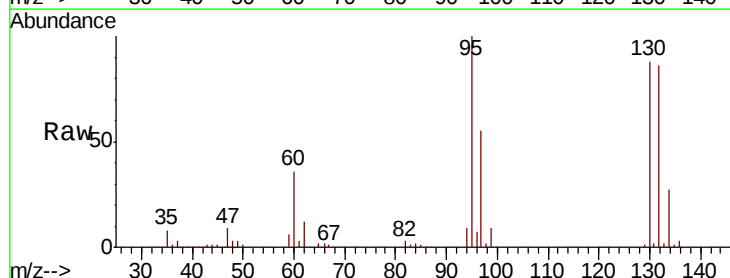
Tot Ion: 43 Resp: 321267
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.0 25.4
 87 13.3 11.4 17.2

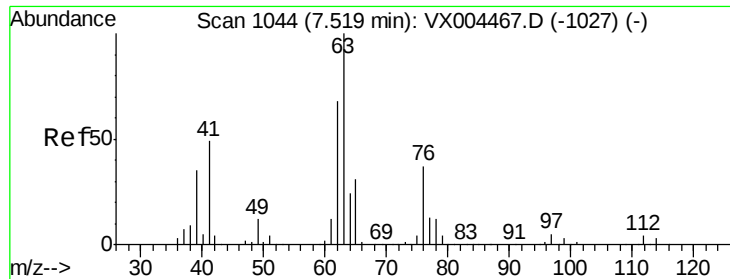


#44

Trichloroethene
 Concen: 50.34 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 130 Resp: 158679
 Ion Ratio Lower Upper
 130 100
 95 113.5 0.0 181.6

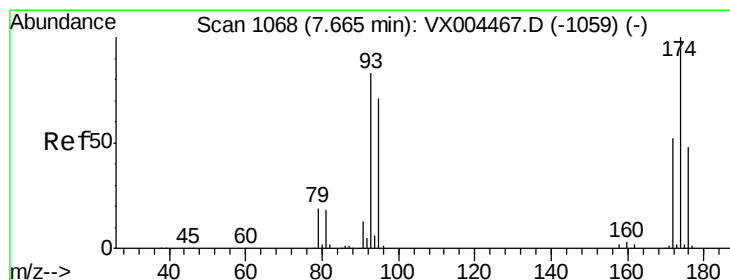
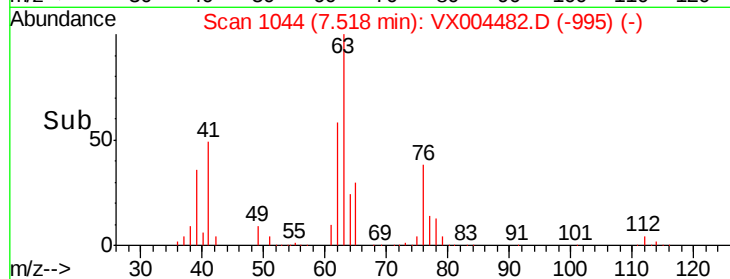
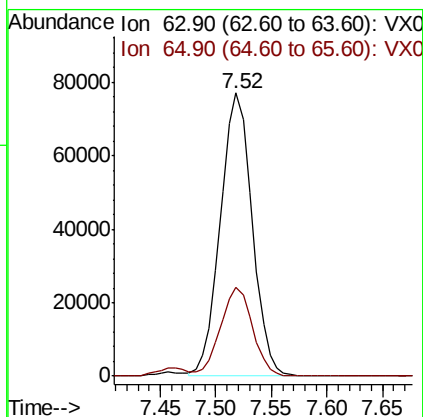
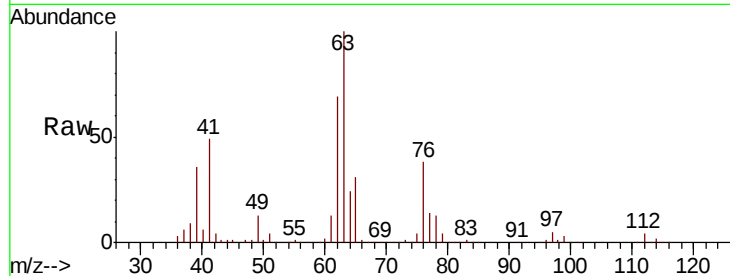




#45
 1,2-Dichloropropane
 Concen: 52.14 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

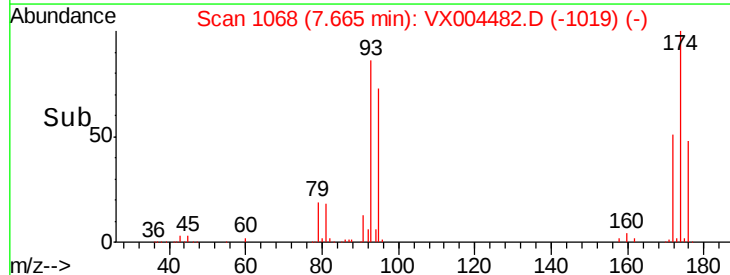
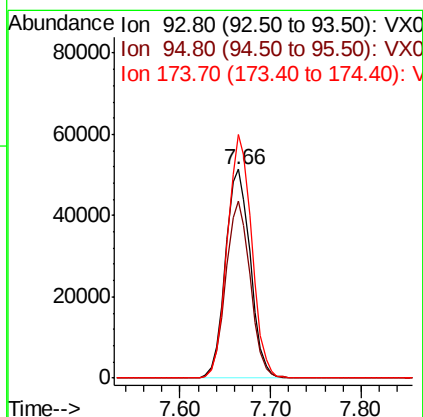
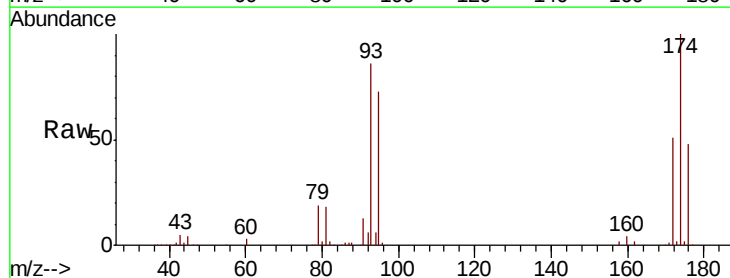
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

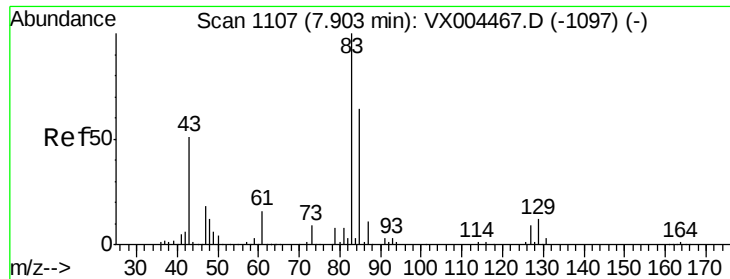
Tot Ion: 63 Resp: 152231
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 53.03 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 93 Resp: 97803
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.5 98.3
 174 114.6 94.2 141.4





#47

Bromodichloromethane

Concen: 53.50 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

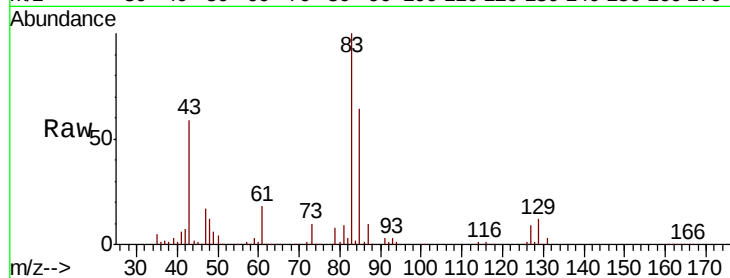
Tot Ion: 83 Resp: 186595

Ion Ratio Lower Upper

83 100

85 64.0 50.9 76.3

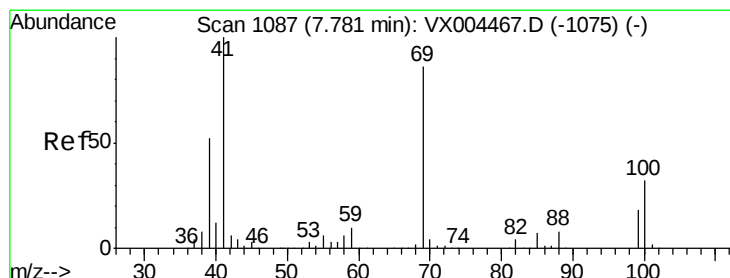
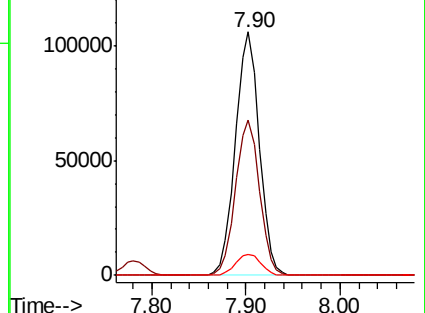
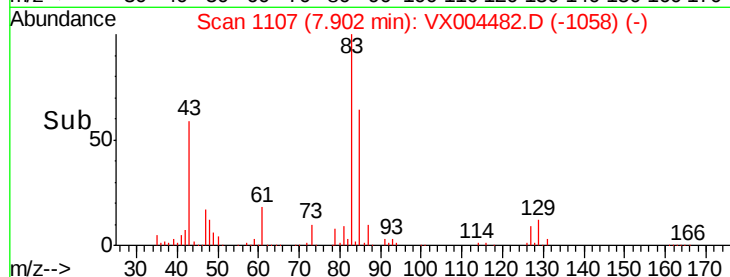
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.06 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

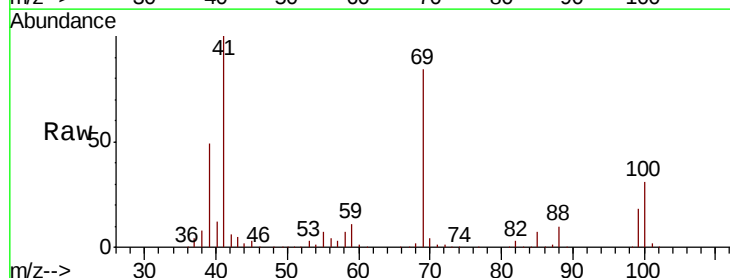
Tgt Ion: 41 Resp: 174427

Ion Ratio Lower Upper

41 100

69 85.5 70.2 105.4

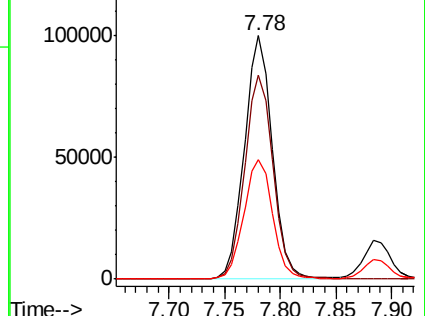
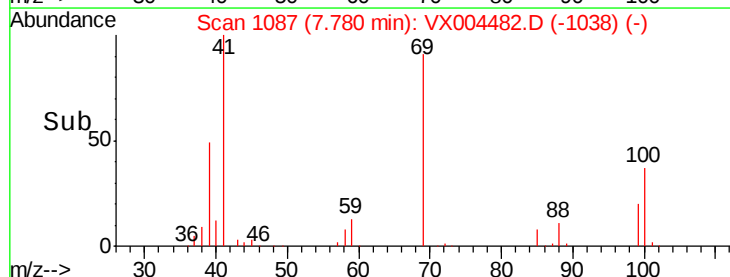
39 50.8 42.7 64.1

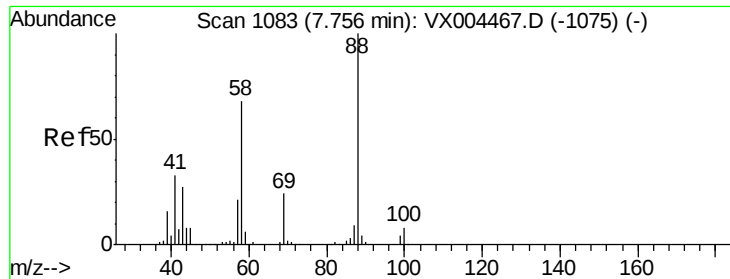


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

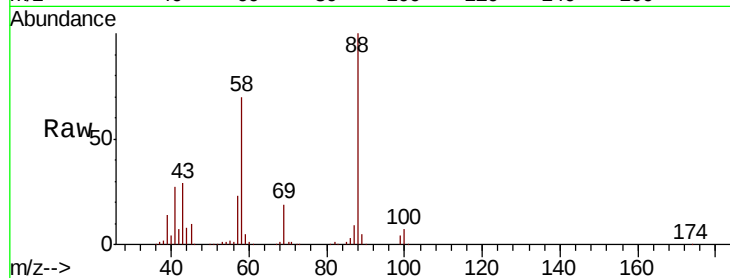




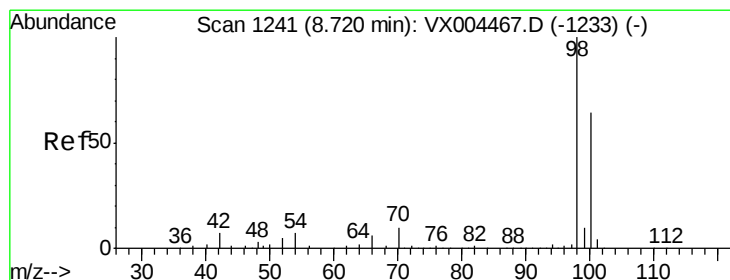
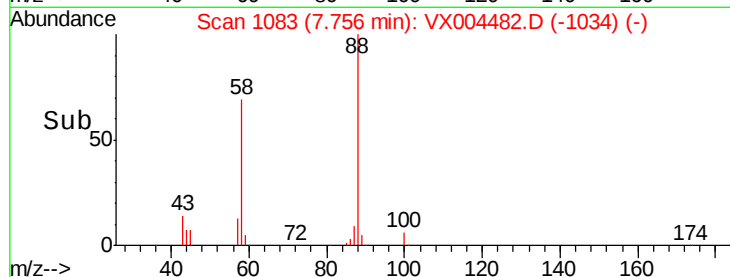
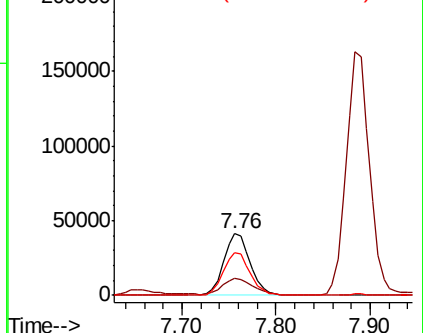
#49
1,4-Dioxane
Concen: 1095.47 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 79262
Ion Ratio Lower Upper
88 100
43 31.6 24.7 37.1
58 72.1 55.3 82.9

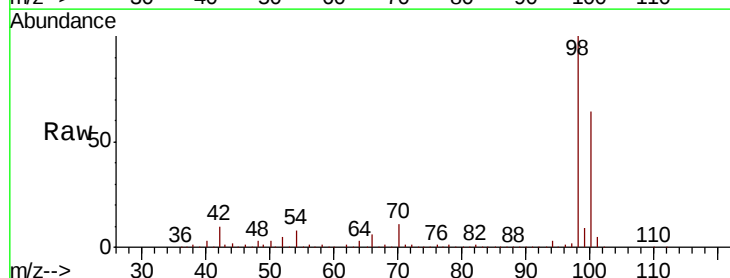


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

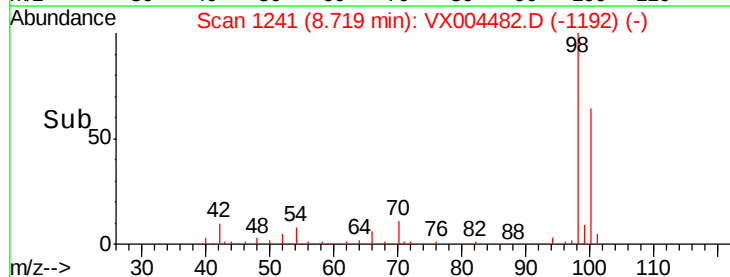
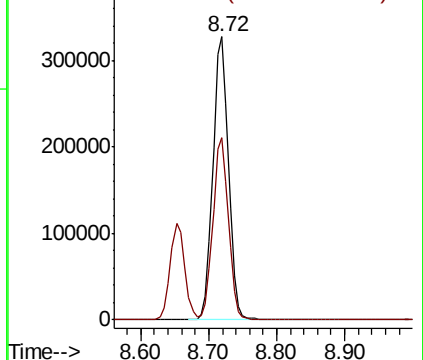


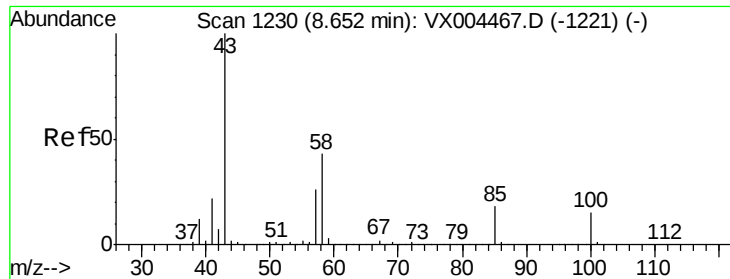
#50
Toluene-d8
Concen: 50.36 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 98 Resp: 520526
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

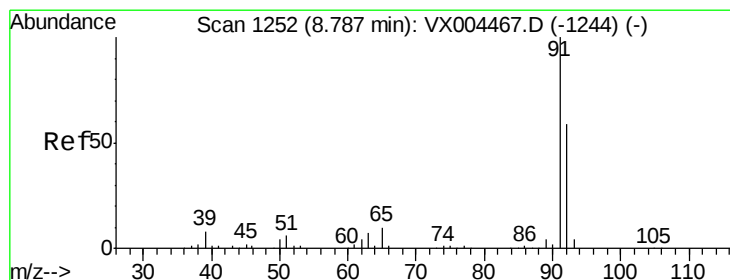
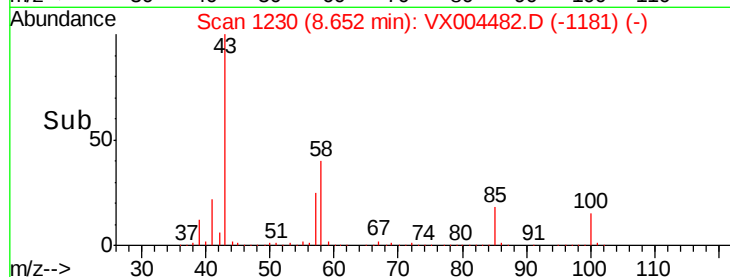
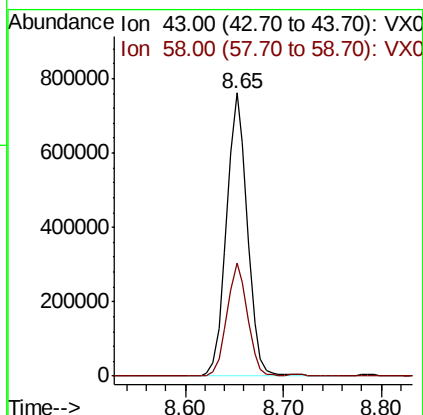
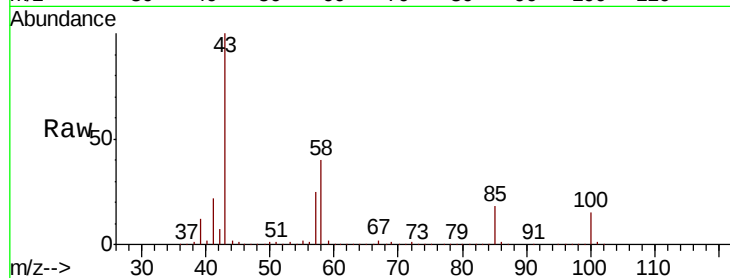




#51
4-Methyl-2-Pentanone
Concen: 259.14 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

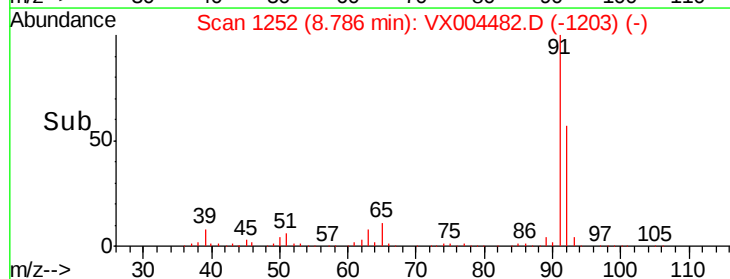
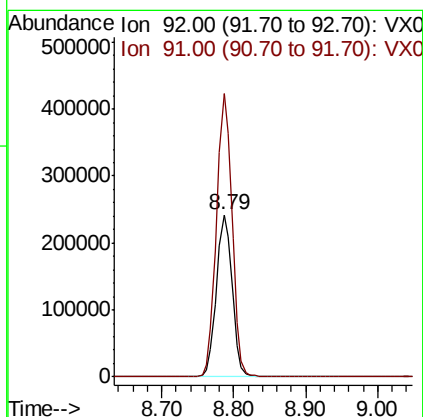
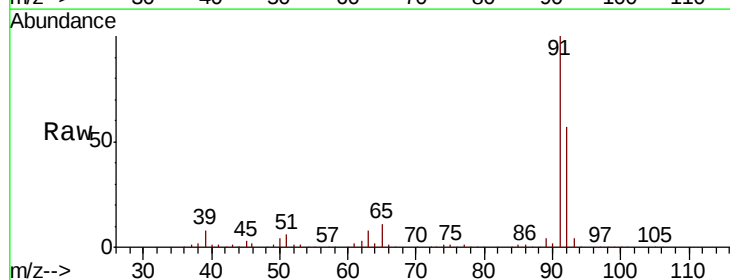
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

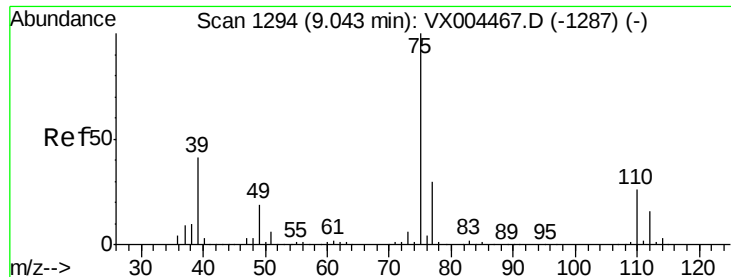
Tot Ion: 43 Resp: 1129654
Ion Ratio Lower Upper
43 100
58 39.5 33.1 49.7



#52
Toluene
Concen: 51.20 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 92 Resp: 366003
Ion Ratio Lower Upper
92 100
91 173.9 136.4 204.6

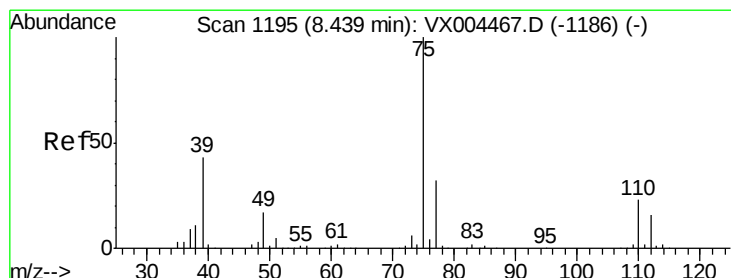
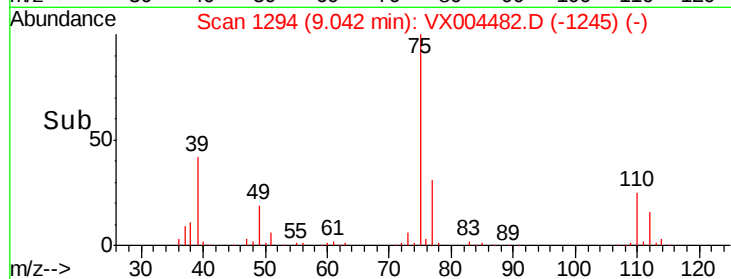
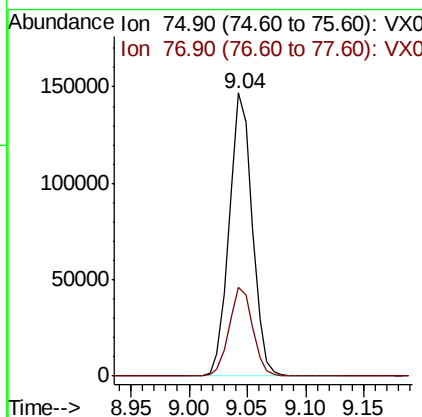
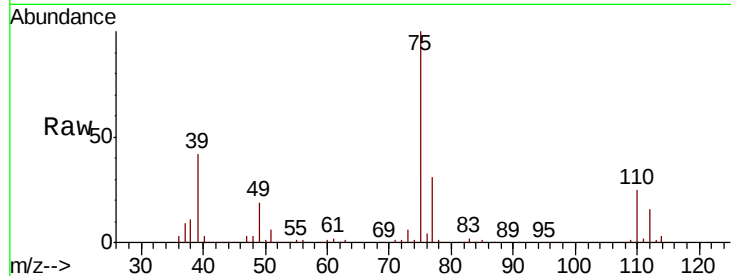




#53
 t-1,3-Dichloropropene
 Concen: 49.85 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

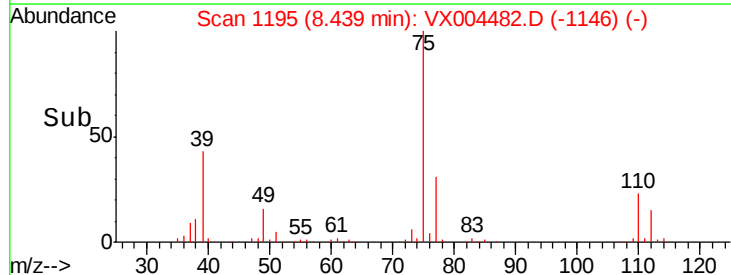
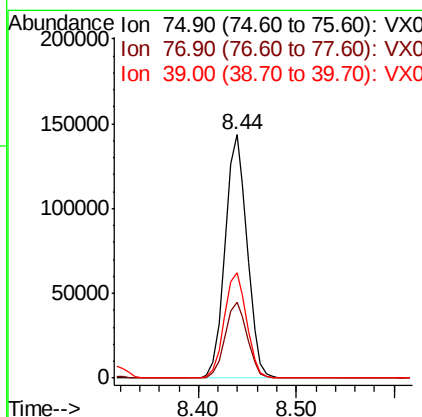
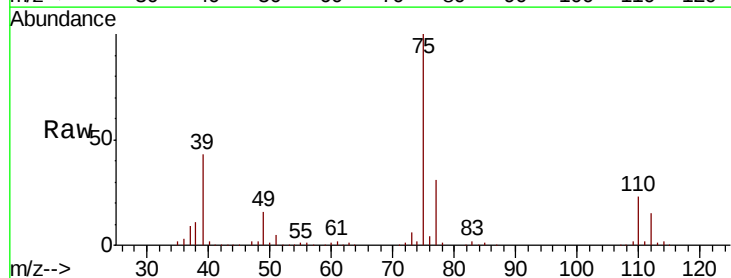
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

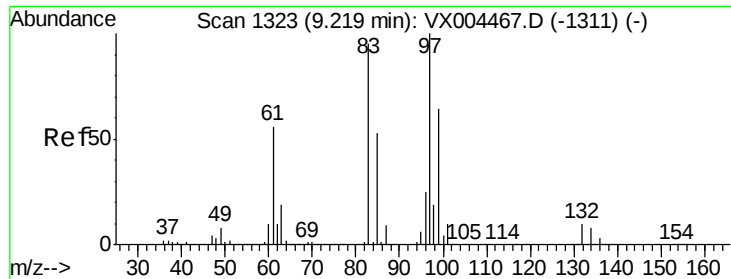
Tot Ion: 75 Resp: 203100
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.87 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion: 75 Resp: 223731
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2
 39 43.0 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 48.58 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149513

Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.4	99.6
85	54.9	43.3	64.9
99	62.9	49.0	73.4

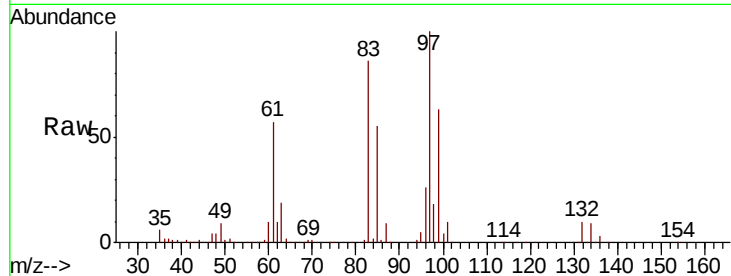
Ion Ratio Lower Upper

97 100

83 85.9 66.4 99.6

85 54.9 43.3 64.9

99 62.9 49.0 73.4



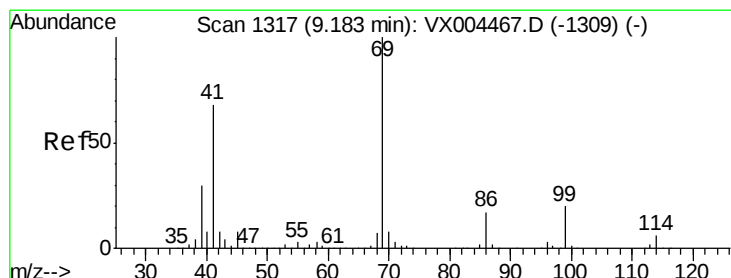
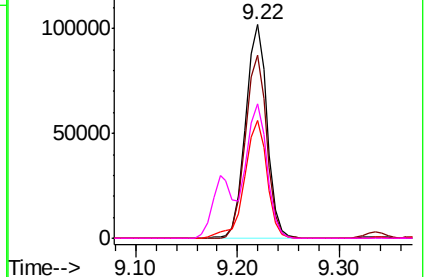
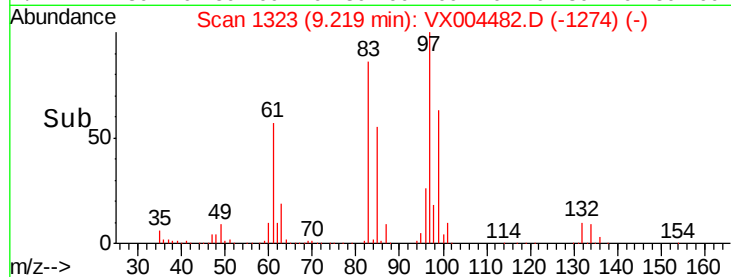
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.10 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Tgt Ion: 69 Resp: 226835

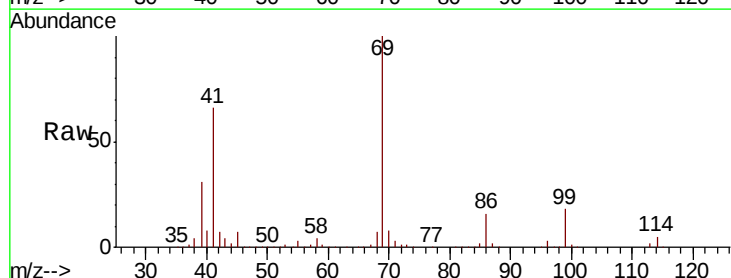
Ion	Ratio	Lower	Upper
69	100		
41	65.7	51.0	76.4
39	31.0	26.1	39.1

Ion Ratio Lower Upper

69 100

41 65.7 51.0 76.4

39 31.0 26.1 39.1

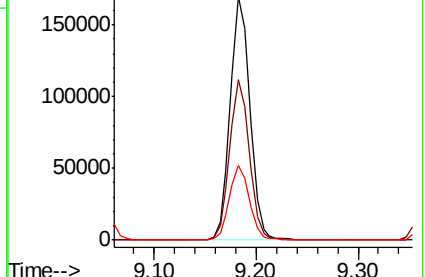
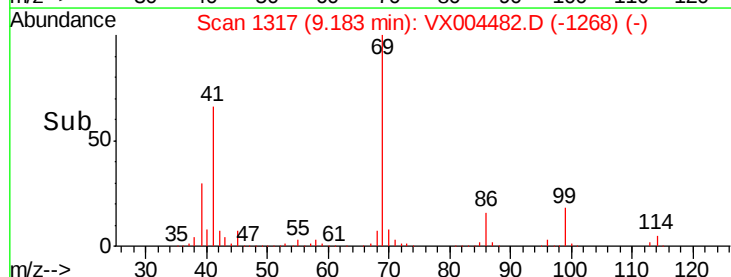


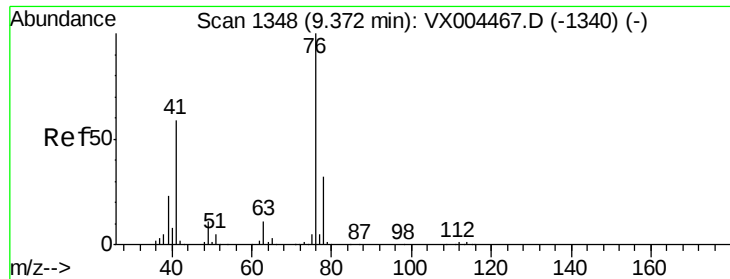
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.49 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

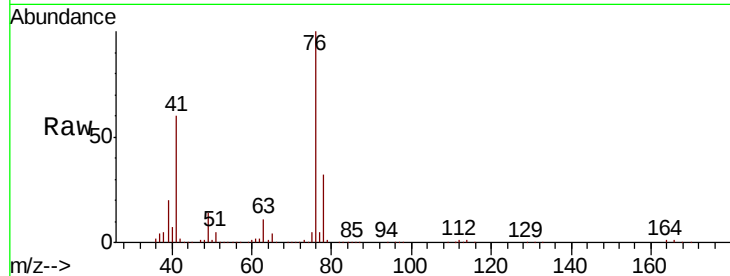
VSTDCCC050EC

Tot Ion: 76 Resp: 247487

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

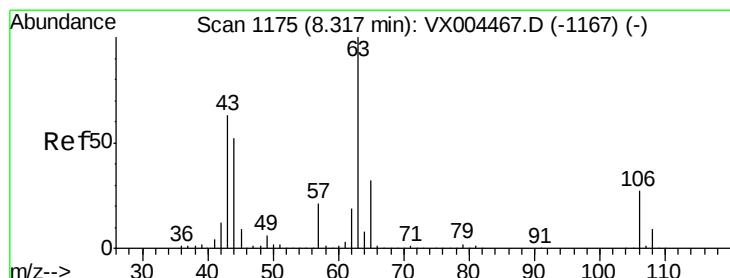
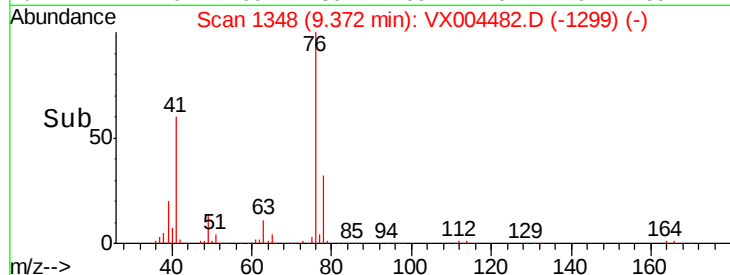
50000

0

9.30 9.40 9.50

9.37

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.88 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004482.D

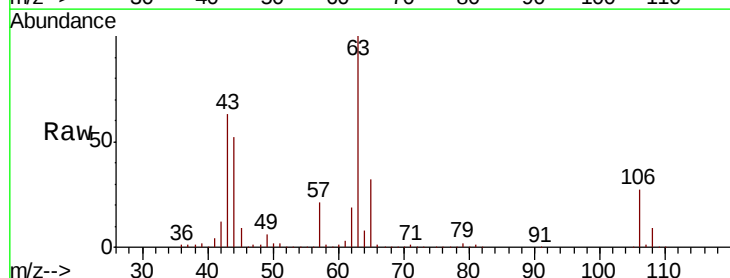
Acq: 11 Sep 2018 22:48

Tgt Ion: 63 Resp: 586323

Ion Ratio Lower Upper

63 100

106 27.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

200000

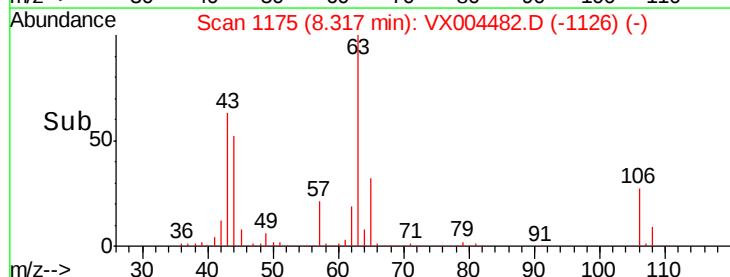
100000

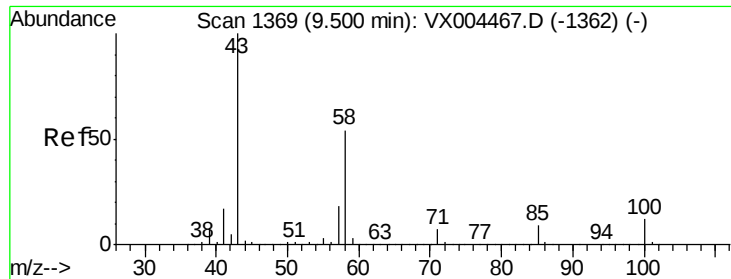
0

8.20 8.30 8.40

8.32

Time-->

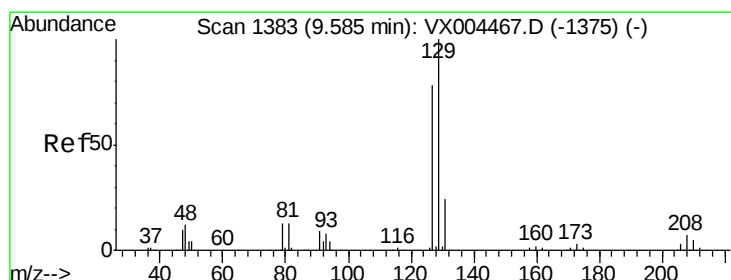
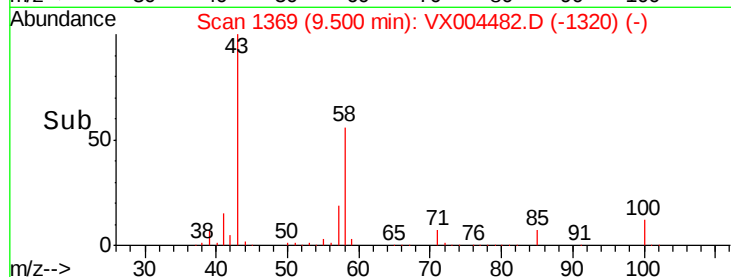
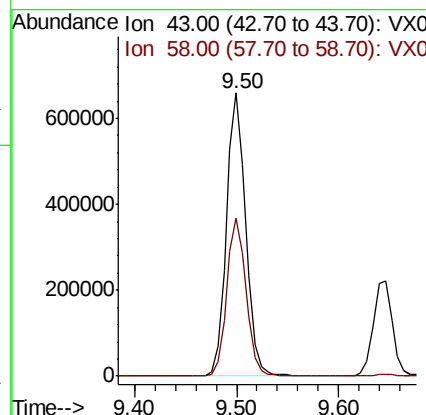
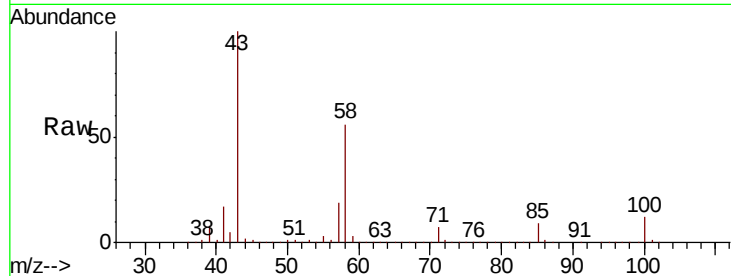




#59
2-Hexanone
Concen: 259.04 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

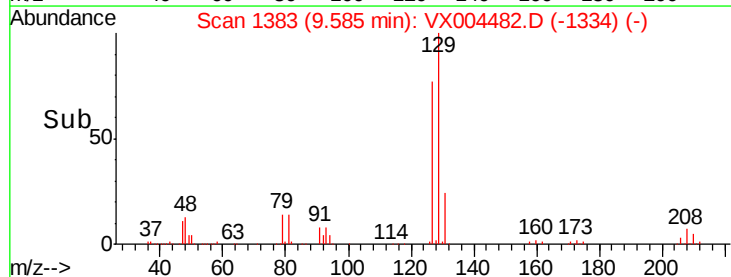
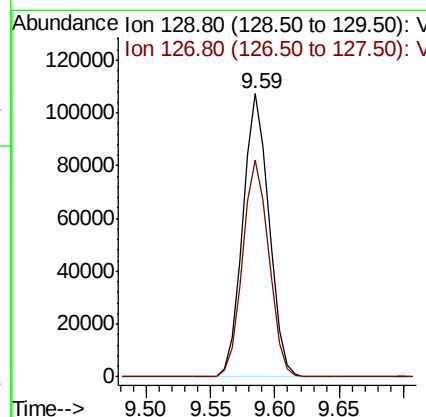
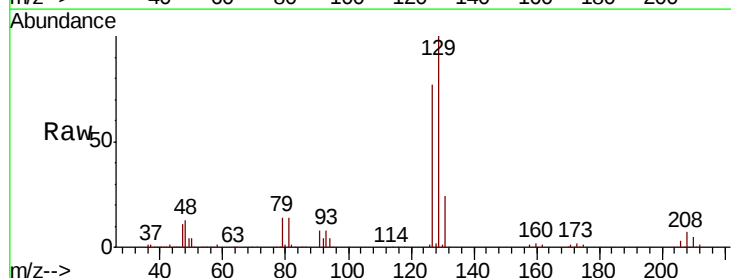
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

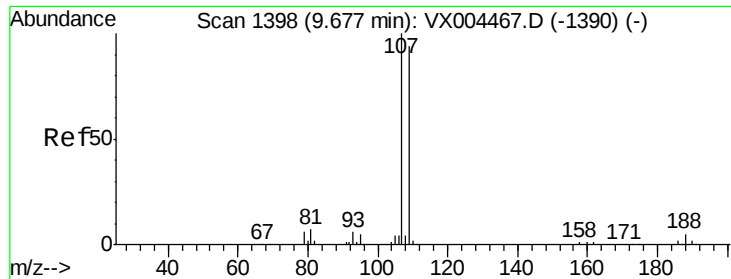
Tot Ion: 43 Resp: 866154
Ion Ratio Lower Upper
43 100
58 55.9 29.0 87.0



#60
Dibromochloromethane
Concen: 52.04 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion:129 Resp: 150786
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.61 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

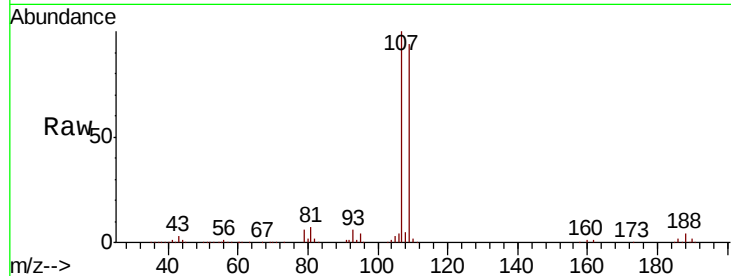
VSTDCCC050EC

Tot Ion:107 Resp: 154676

Ion Ratio Lower Upper

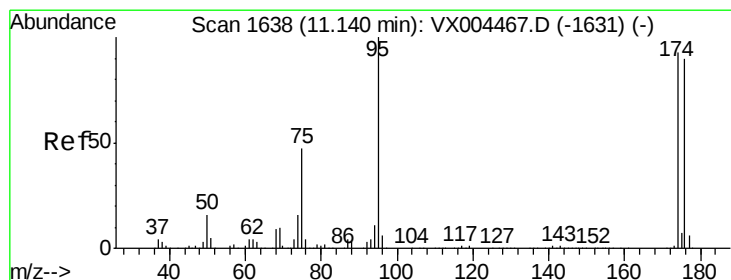
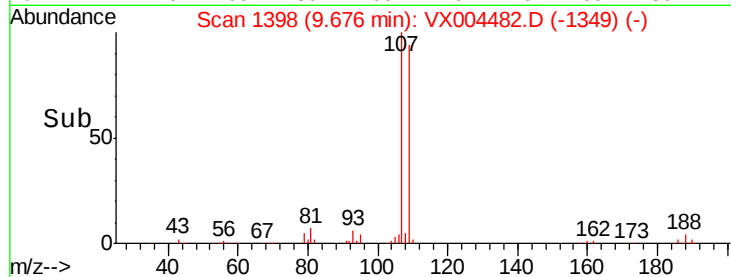
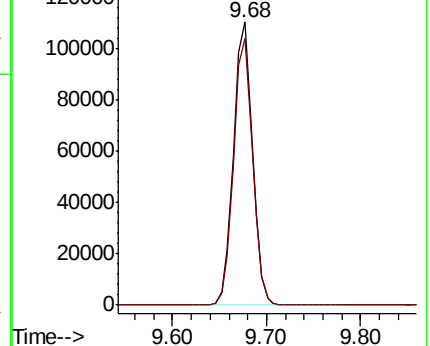
107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.12 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

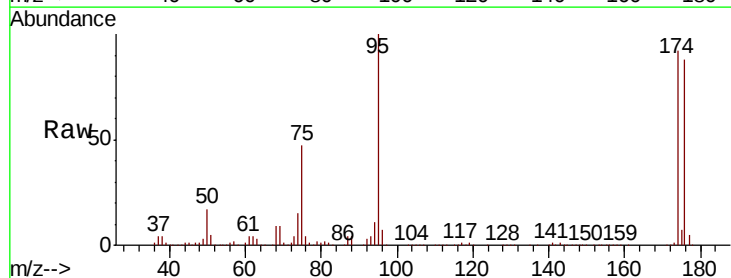
Tgt Ion: 95 Resp: 188596

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

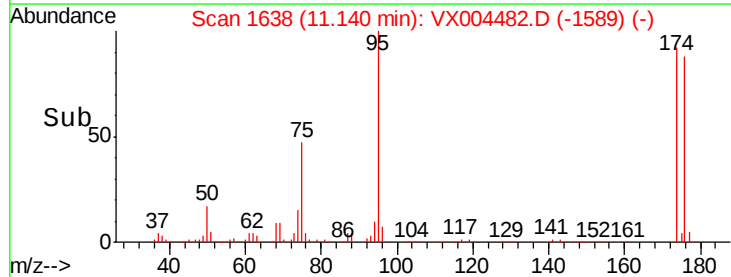
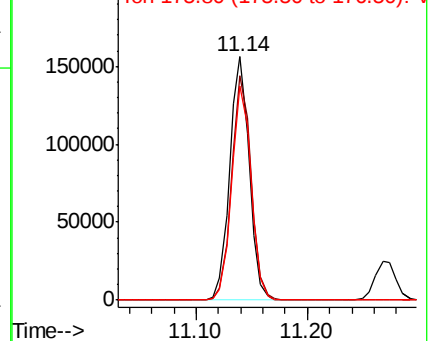
176 87.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

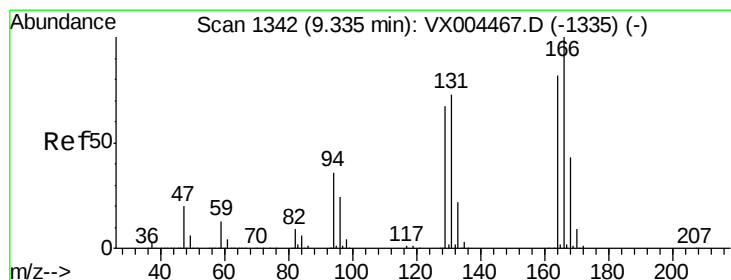
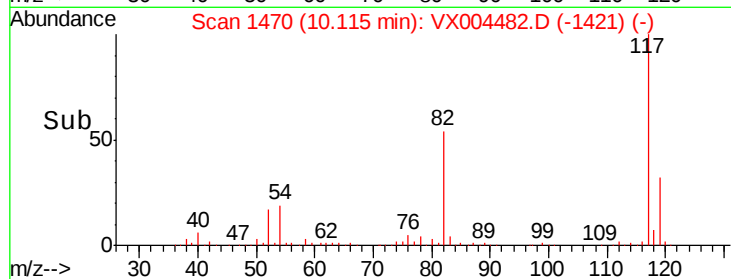
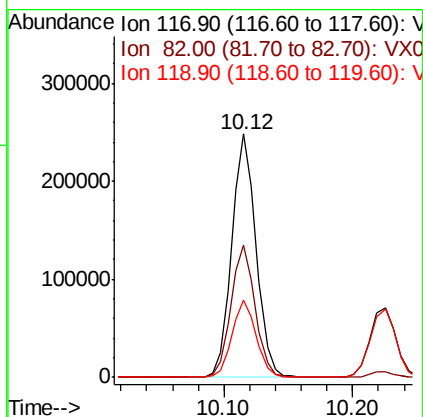
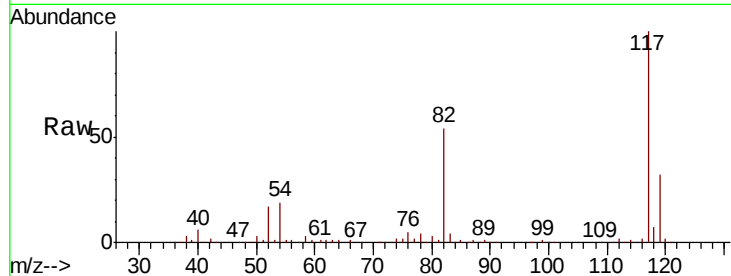




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

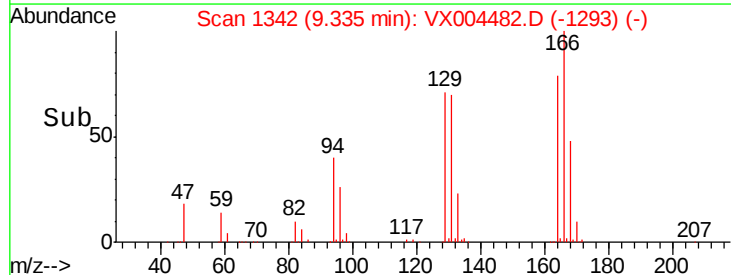
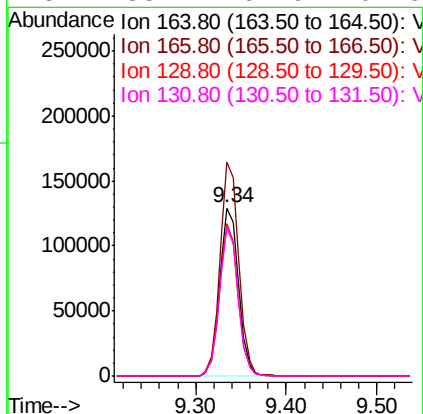
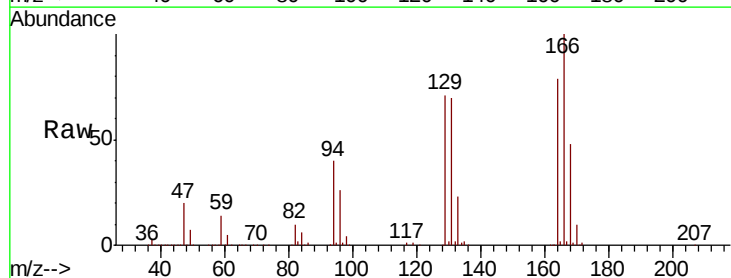
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

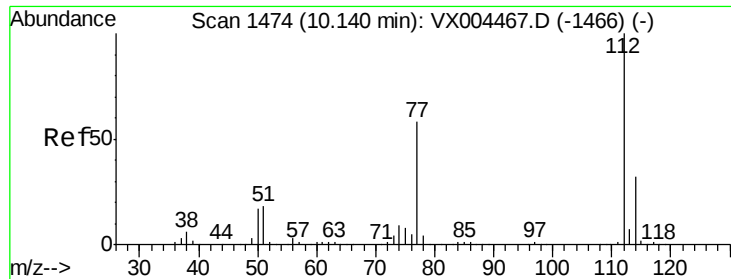
Tot Ion:117 Resp: 326732
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 45.75 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion:164 Resp: 186647
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 90.8 69.4 104.0
131 88.4 67.9 101.9

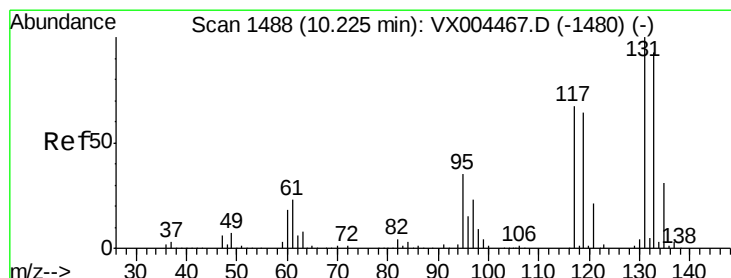
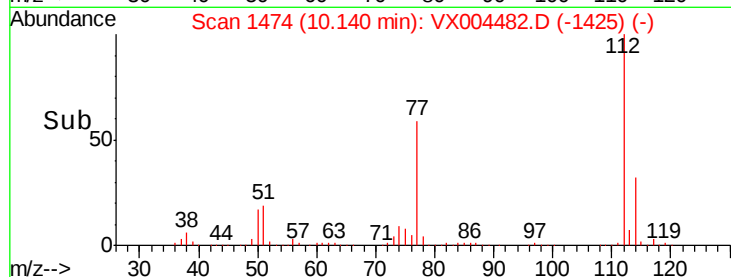
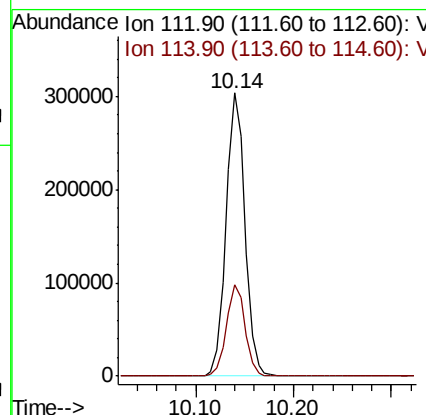
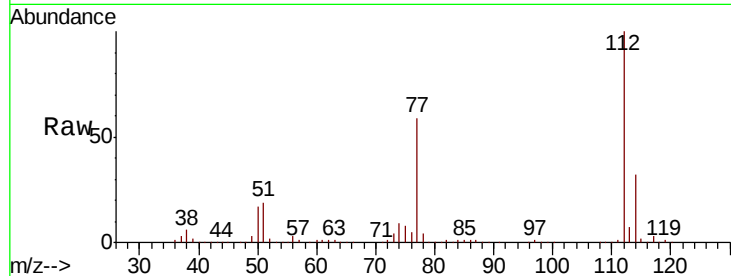




#65
Chlorobenzene
Concen: 50.10 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

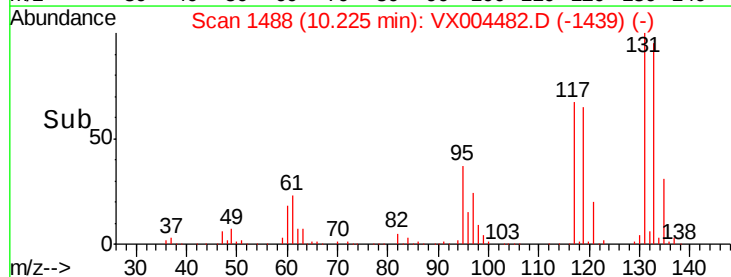
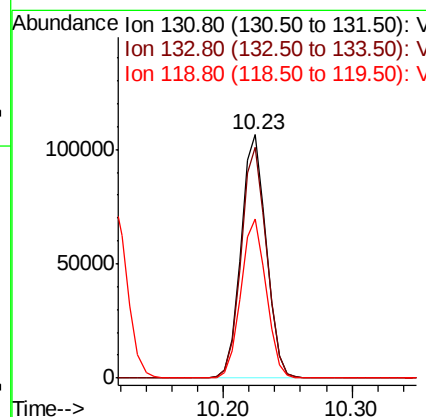
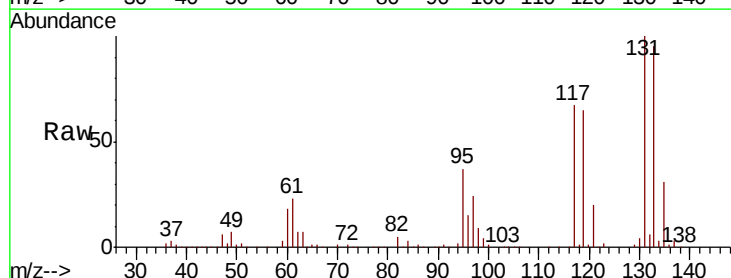
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

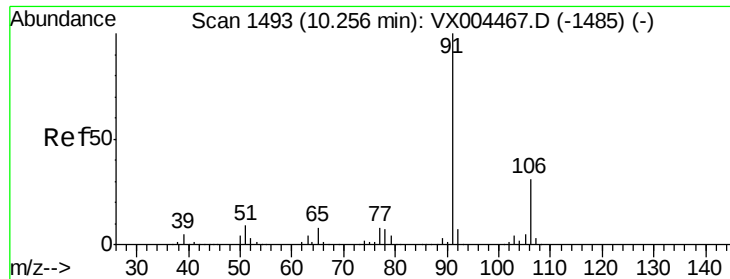
Tot Ion:112 Resp: 406630
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.64 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion:131 Resp: 144527
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.4
119 65.8 32.9 98.6

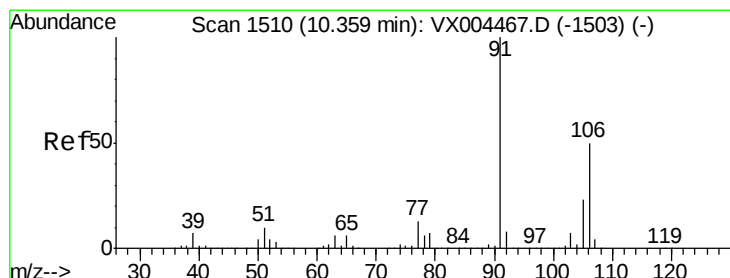
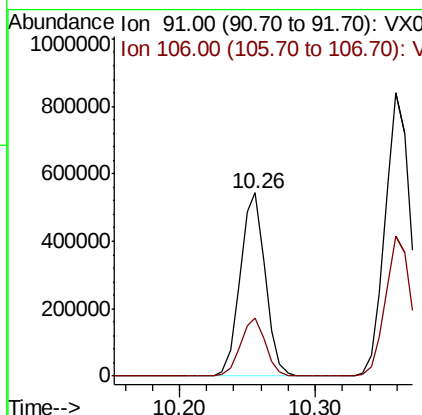
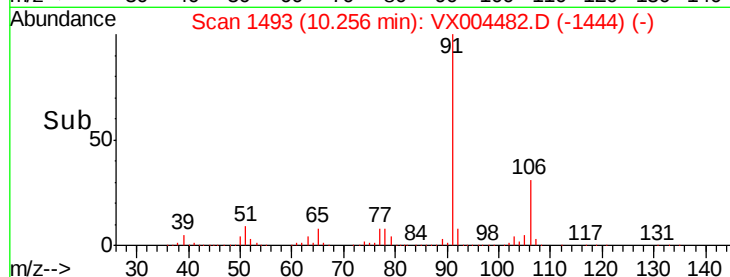
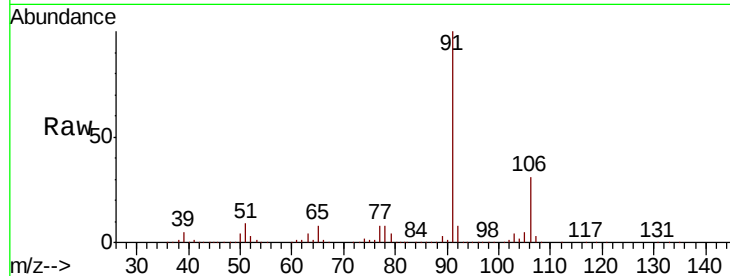




#67
Ethyl Benzene
Concen: 52.71 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

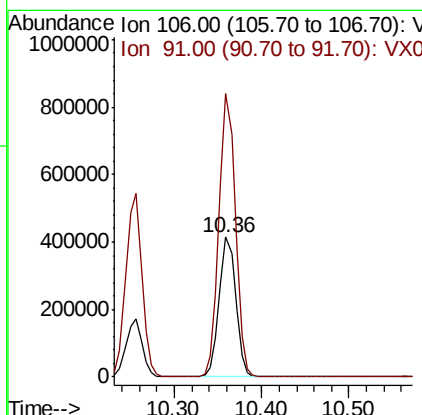
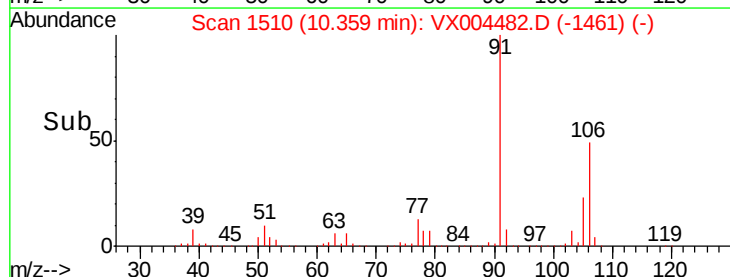
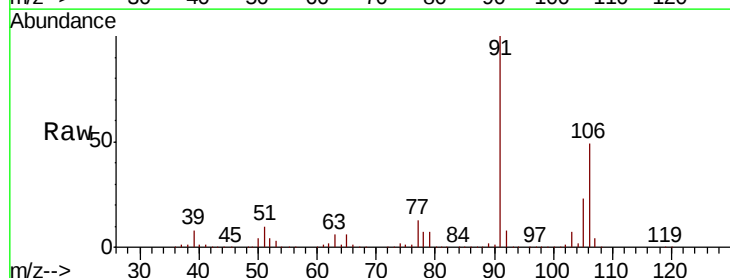
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

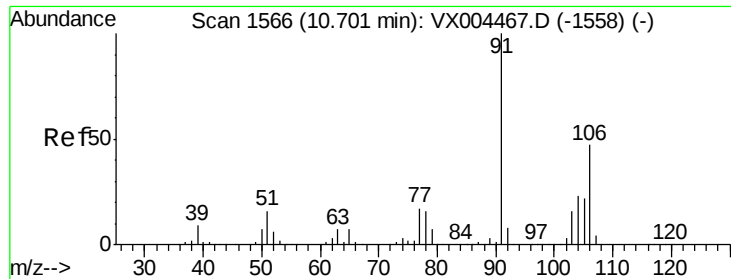
Tot Ion: 91 Resp: 695564
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 107.09 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 106 Resp: 544381
Ion Ratio Lower Upper
106 100
91 200.9 157.1 235.7

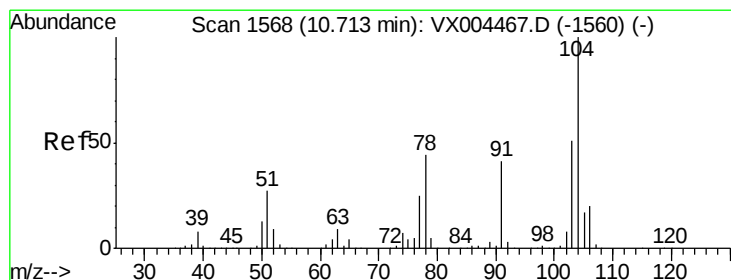
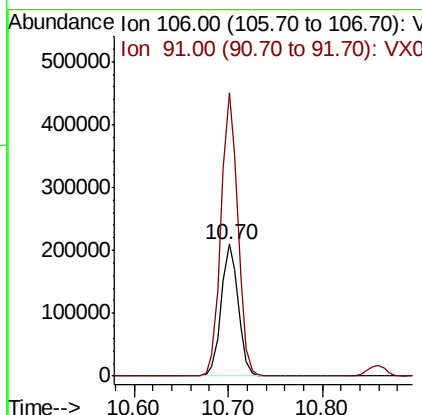
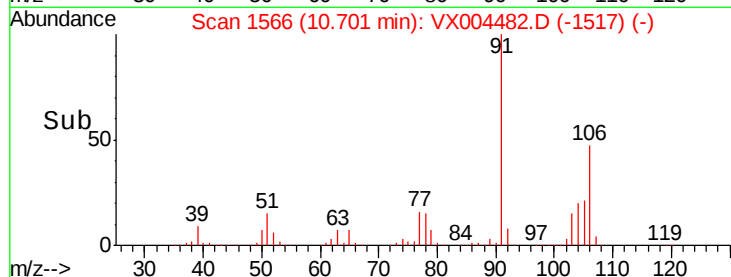
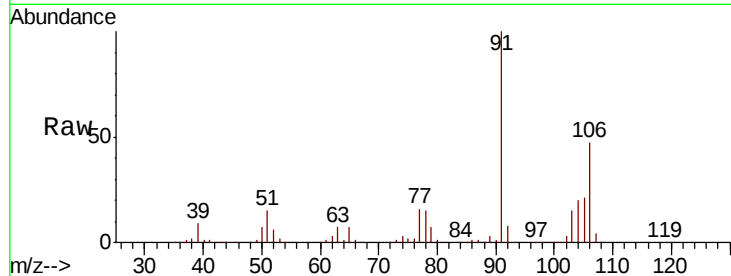




#69
o-Xylene
Concen: 53.65 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

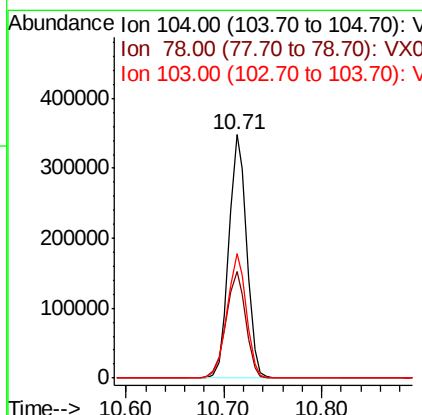
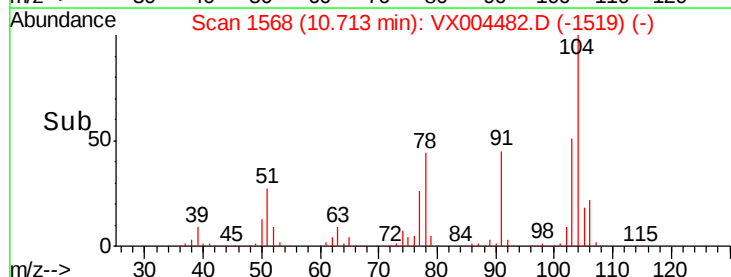
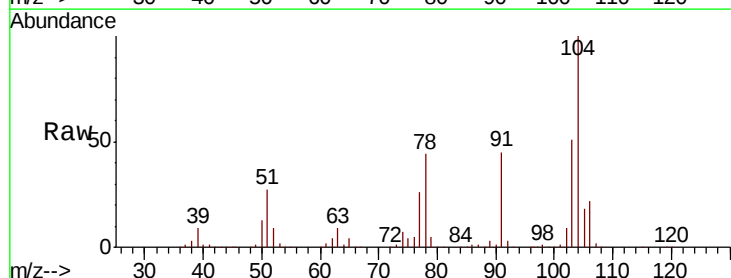
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

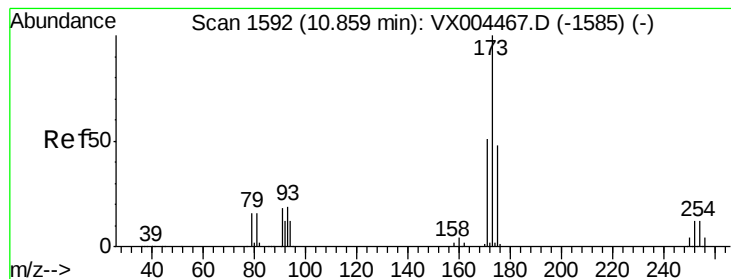
Tot Ion:106 Resp: 262166
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.1



#70
Styrene
Concen: 54.58 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion:104 Resp: 441932
Ion Ratio Lower Upper
104 100
78 48.3 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 52.32 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

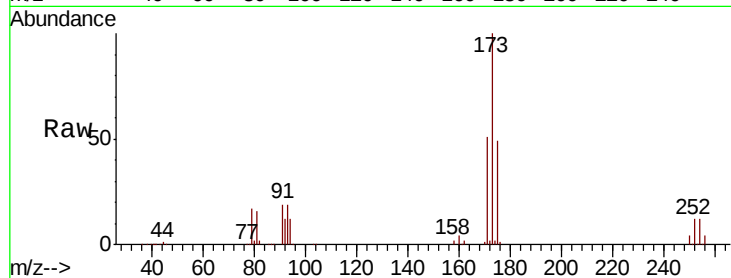
Tot Ion:173 Resp: 120226

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

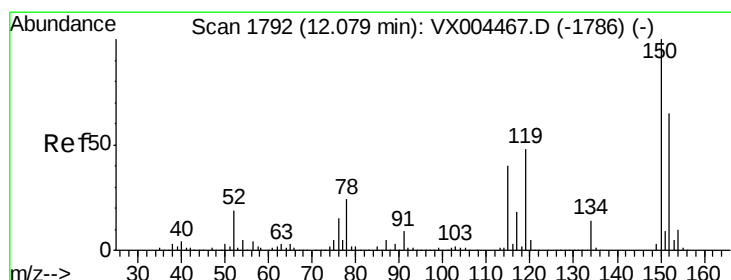
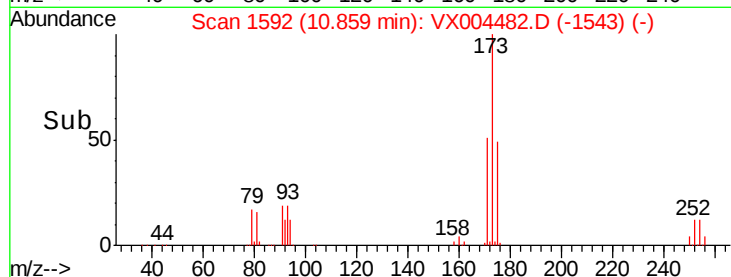
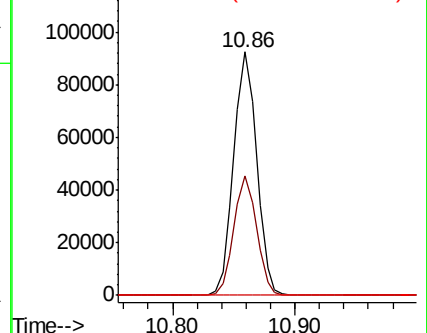
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

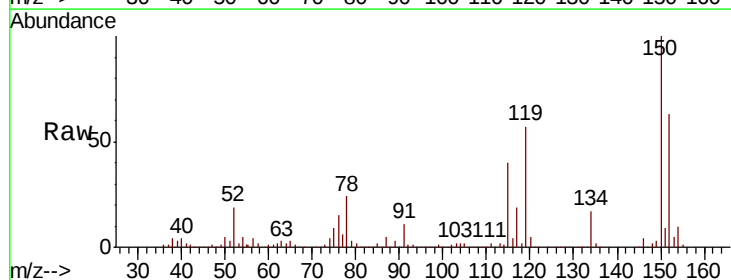
Tgt Ion:152 Resp: 197239

Ion Ratio Lower Upper

152 100

115 79.6 39.0 117.0

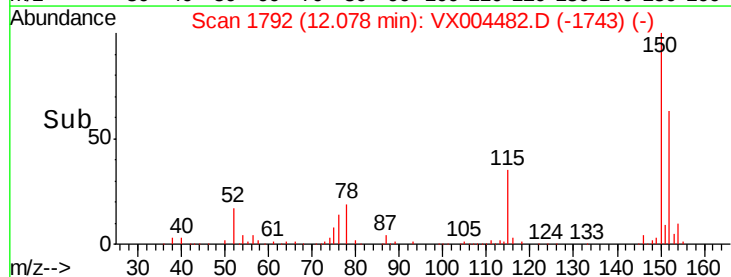
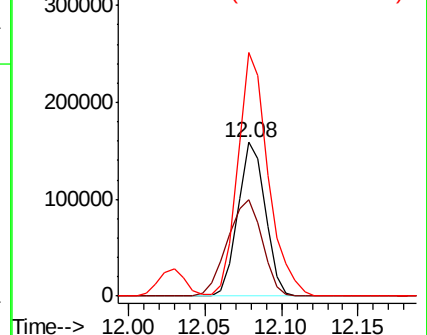
150 175.0 0.0 351.0

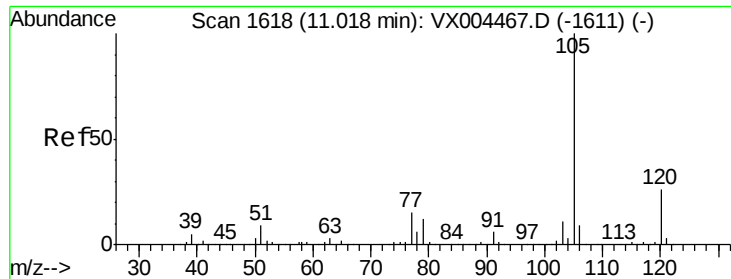


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.21 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

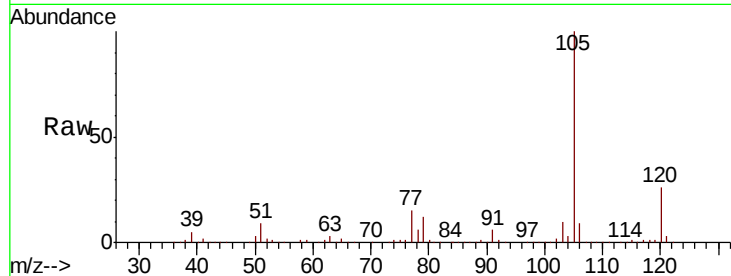
VSTDCCC050EC

Tot Ion:105 Resp: 704153

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

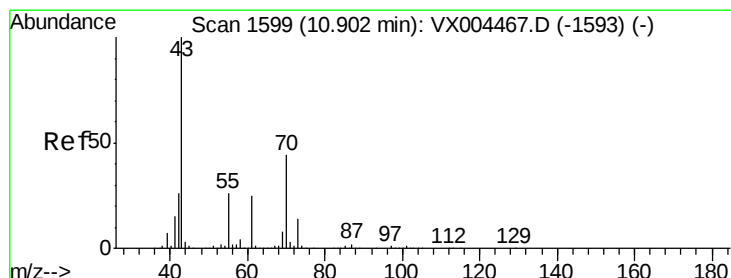
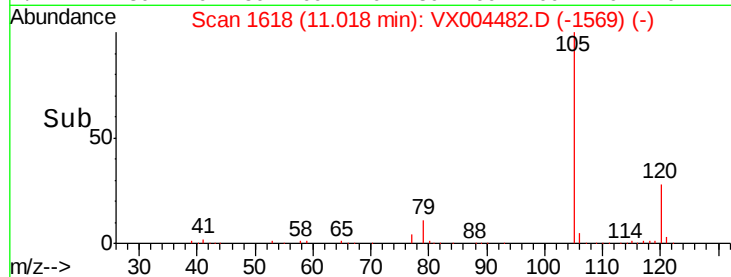
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.38 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Tgt Ion: 43 Resp: 286377

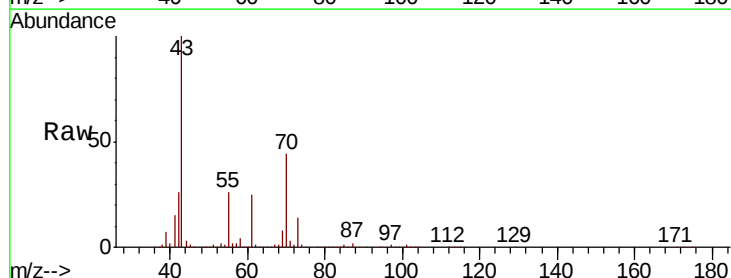
Ion Ratio Lower Upper

43 100

70 43.7 37.4 56.0

55 26.6 21.8 32.8

61 25.1 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

400000

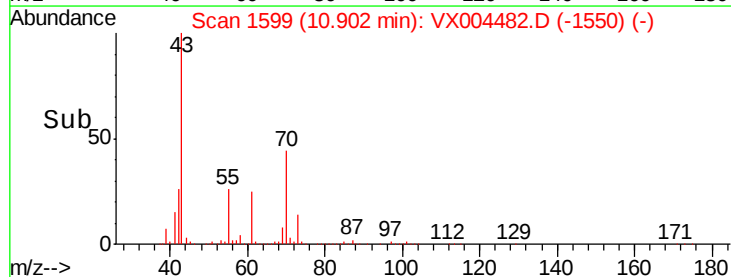
300000

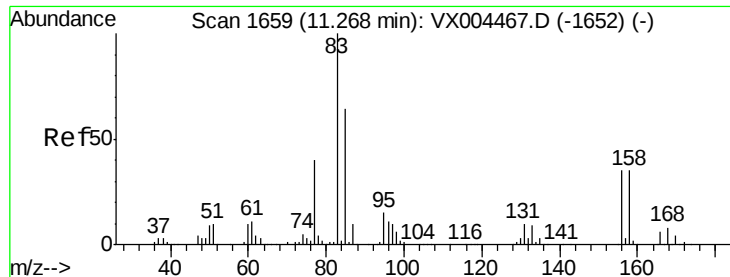
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.50 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

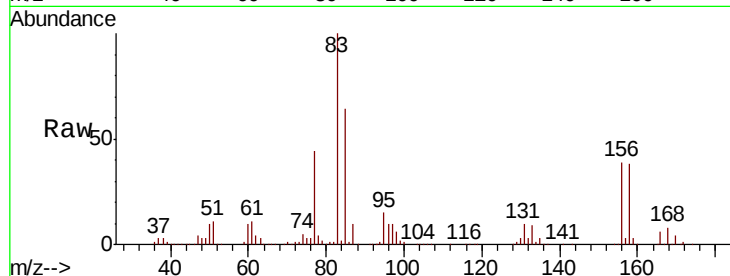
Tot Ion: 83 Resp: 219991

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

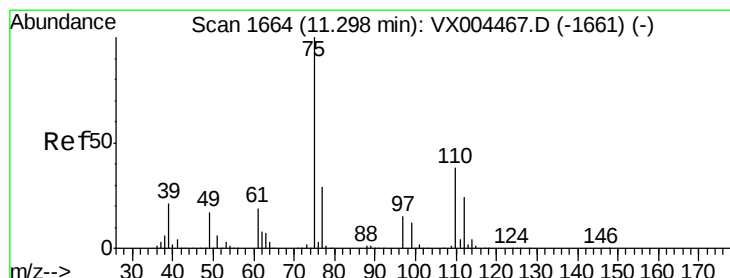
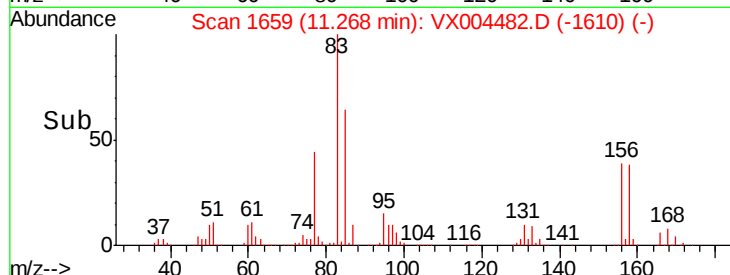
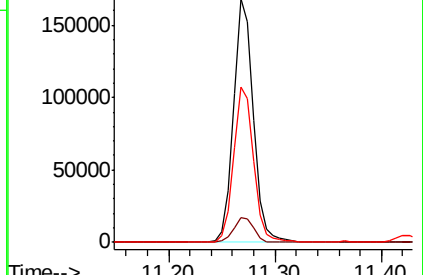
85 64.5 32.3 96.8



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: 69.56 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004482.D

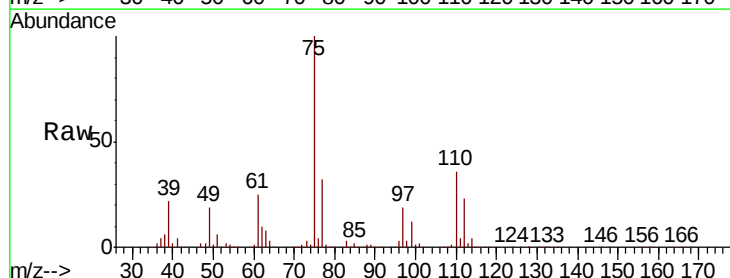
Acq: 11 Sep 2018 22:48

Tgt Ion: 75 Resp: 268089

Ion Ratio Lower Upper

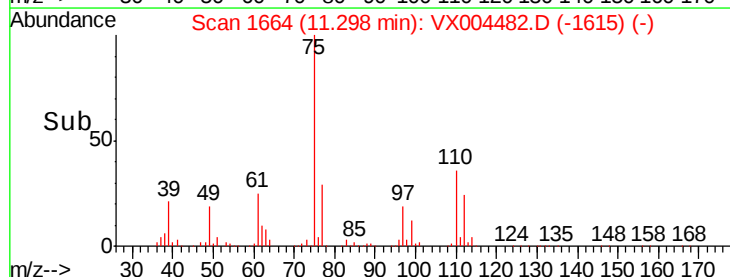
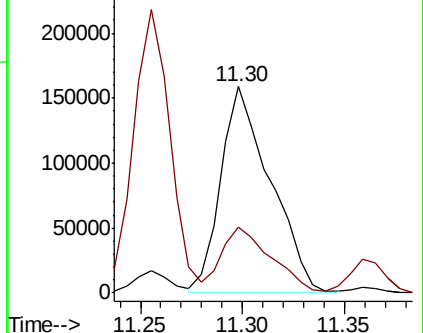
75 100

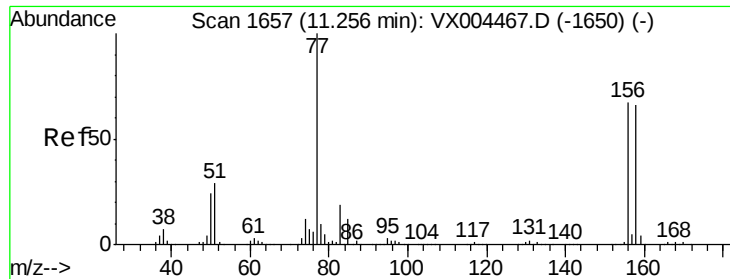
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

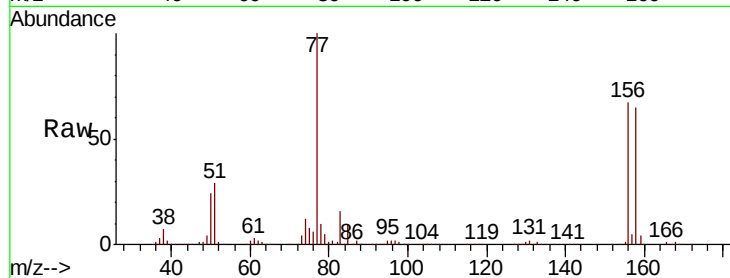




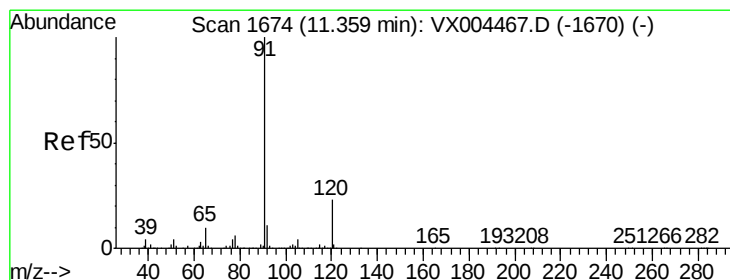
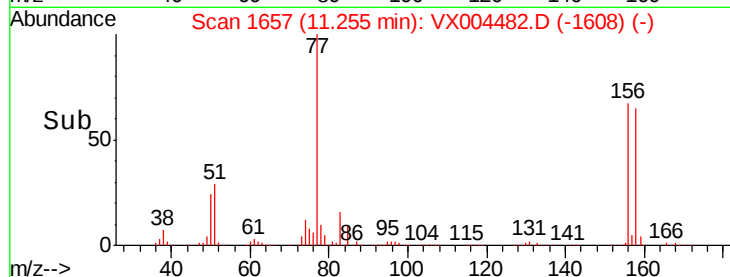
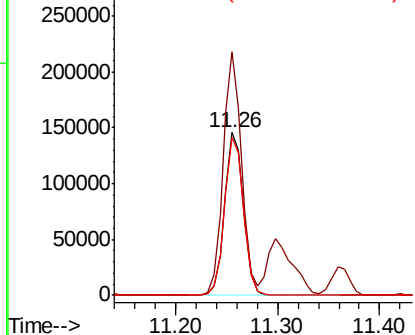
#77
Bromobenzene
Concen: 51.59 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 185239
Ion Ratio Lower Upper
156 100
77 147.0 71.5 214.3
158 98.0 48.9 146.8

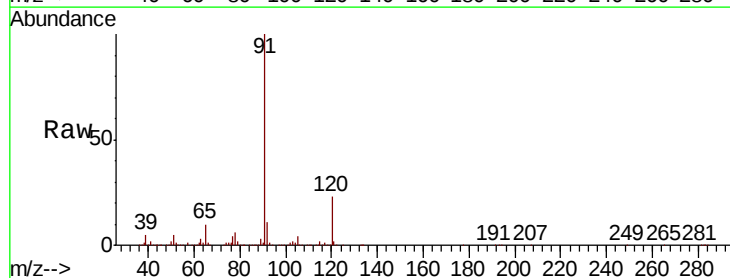


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

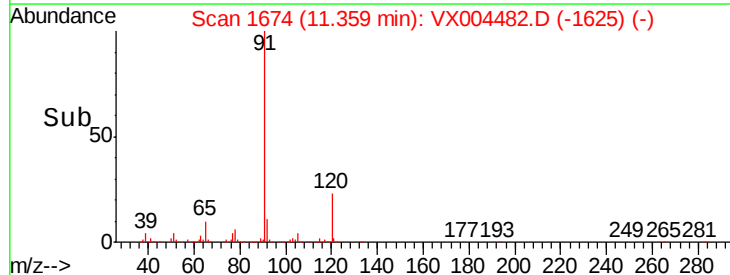
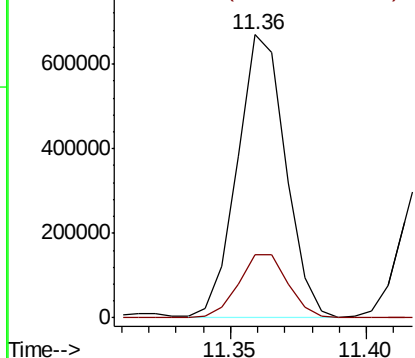


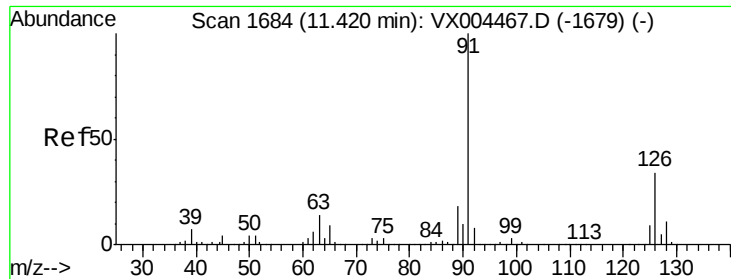
#78
n-propylbenzene
Concen: 54.72 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 91 Resp: 817232
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.78 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

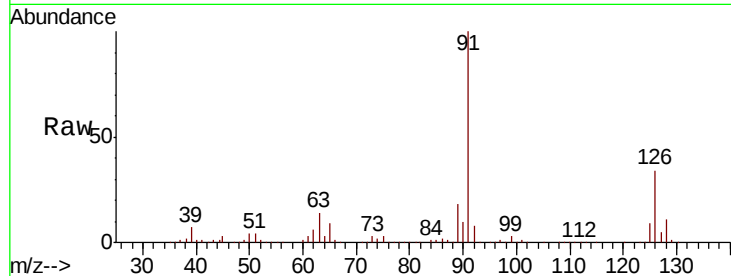
VSTDCCC050EC

Tot Ion: 91 Resp: 478134

Ion Ratio Lower Upper

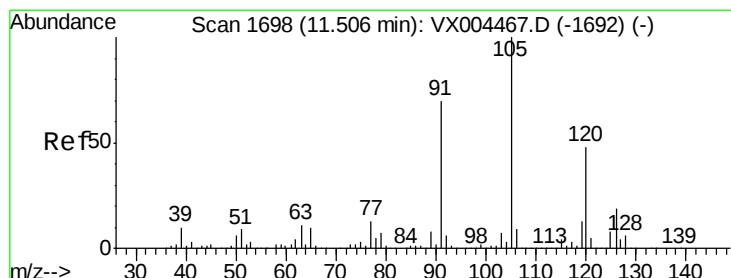
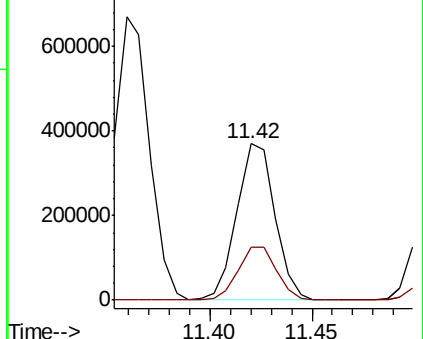
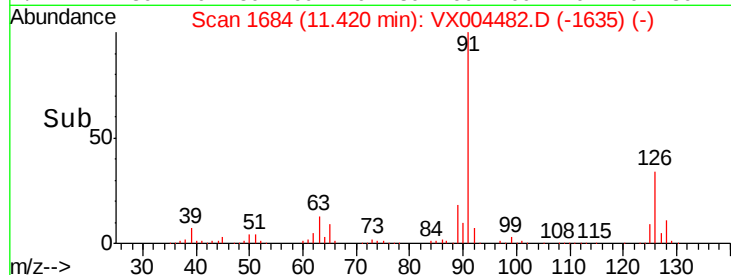
91 100

126 35.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.88 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004482.D

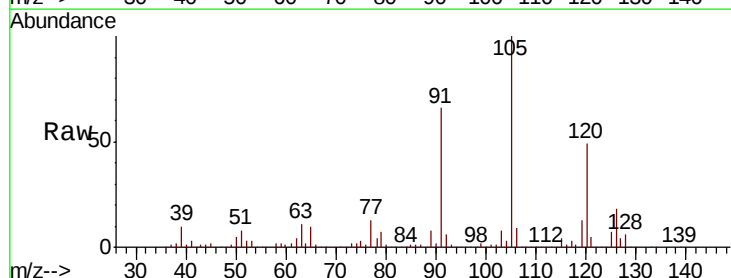
Acq: 11 Sep 2018 22:48

Tgt Ion:105 Resp: 599268

Ion Ratio Lower Upper

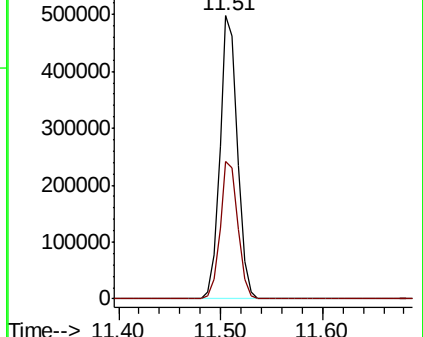
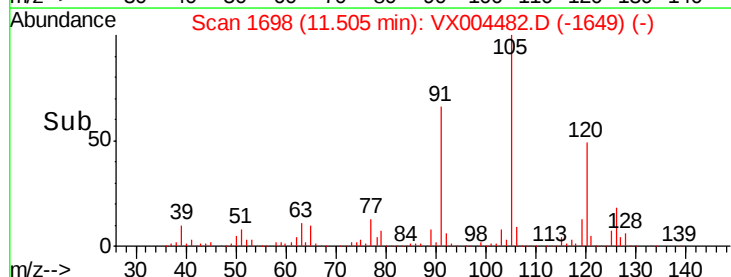
105 100

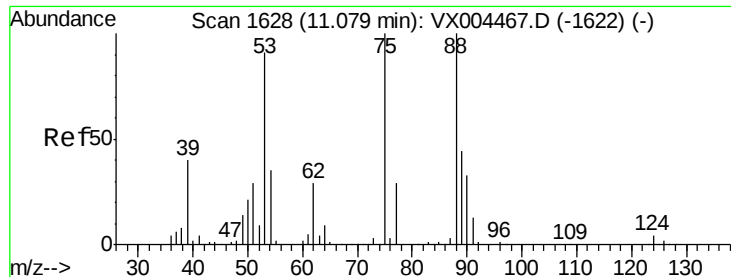
120 49.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.43 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

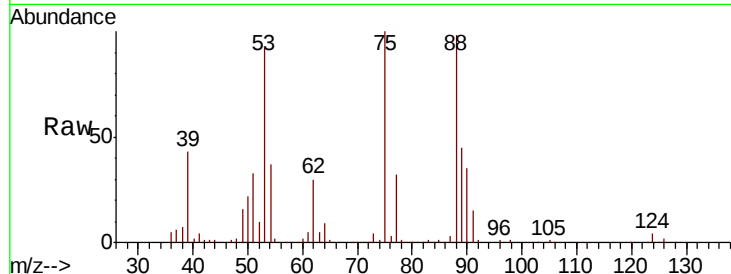
Tot Ion: 75 Resp: 65277

Ion Ratio Lower Upper

75 100

53 94.9 80.1 120.1

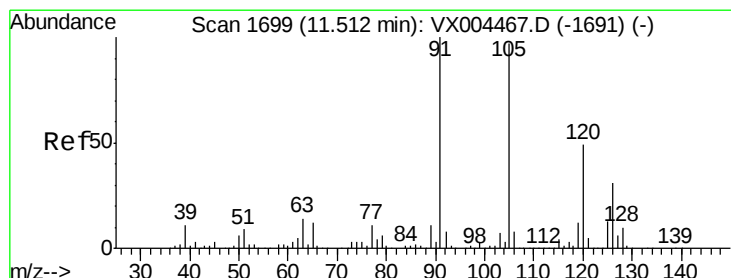
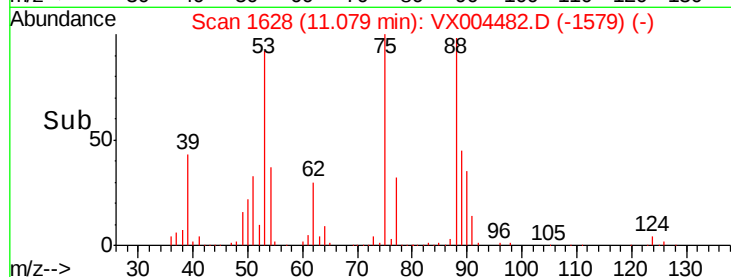
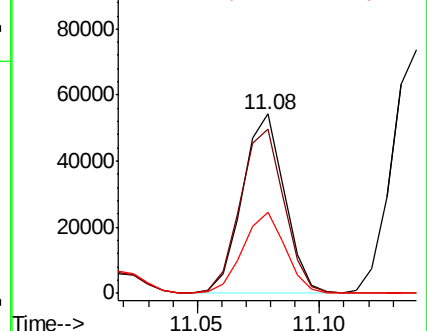
89 45.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.29 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004482.D

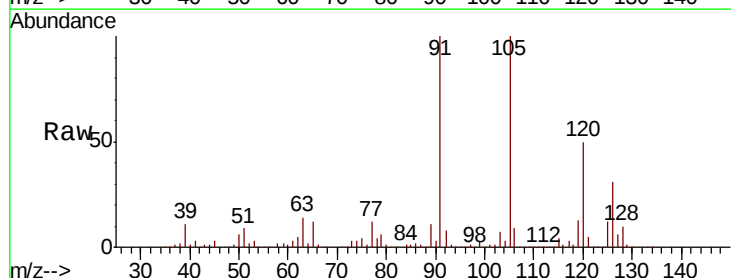
Acq: 11 Sep 2018 22:48

Tgt Ion: 91 Resp: 563387

Ion Ratio Lower Upper

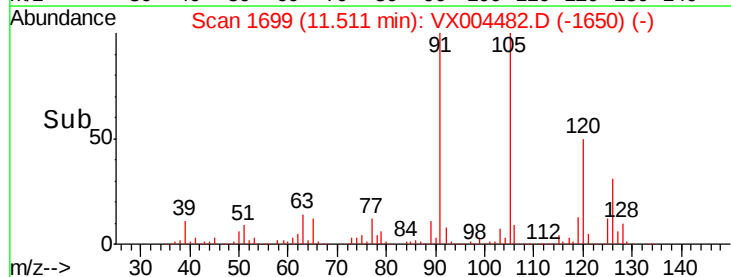
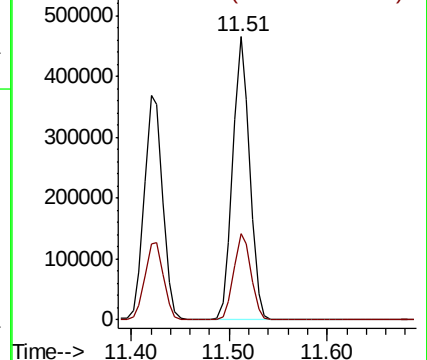
91 100

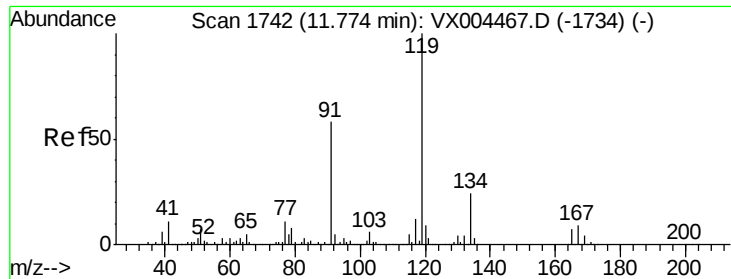
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

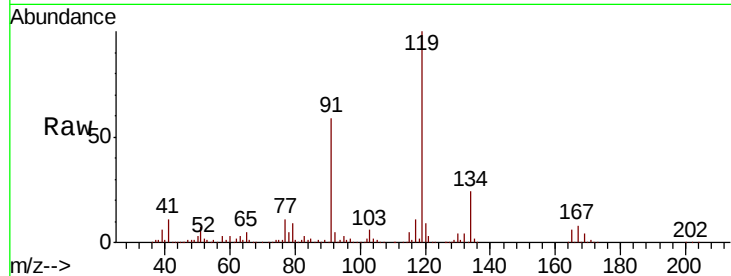




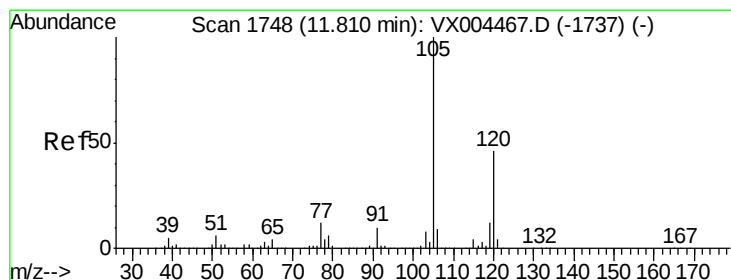
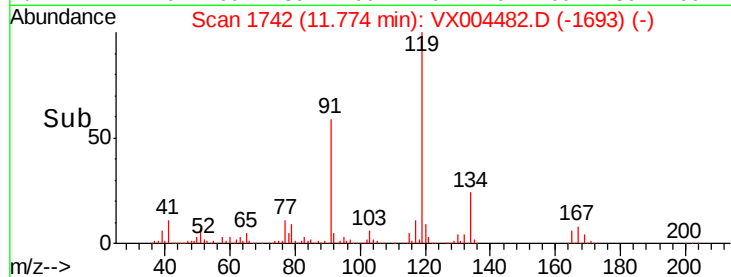
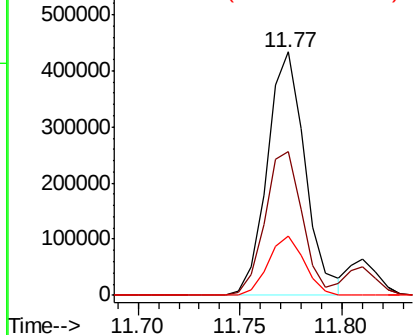
#83
tert-Butylbenzene
Concen: 54.01 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	27.0	81.0
134	23.3	11.7	35.1

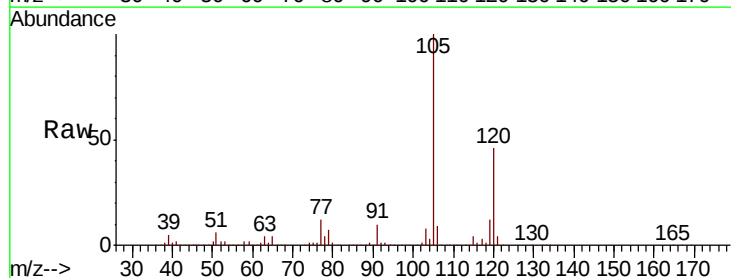


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

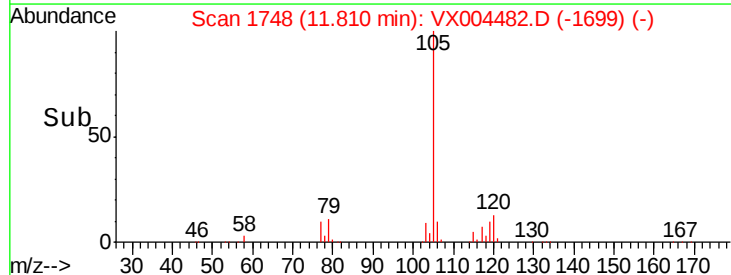
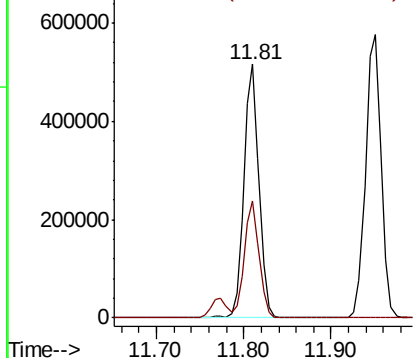


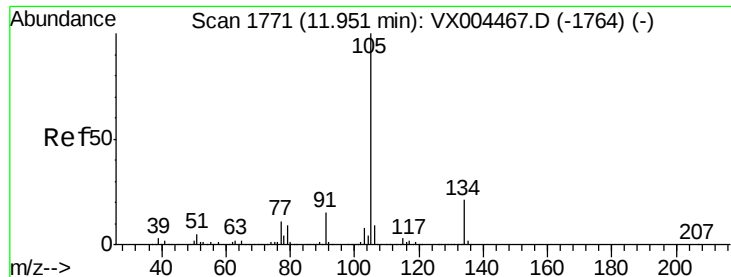
#84
1,2,4-Trimethylbenzene
Concen: 55.15 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.26 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

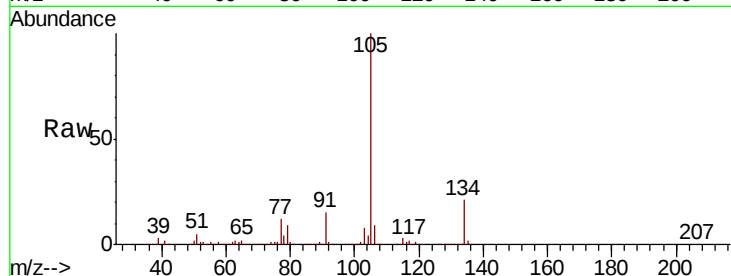
VSTDCCC050EC

Tot Ion:105 Resp: 718827

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

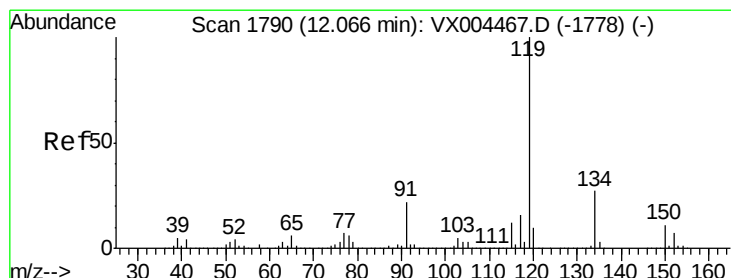
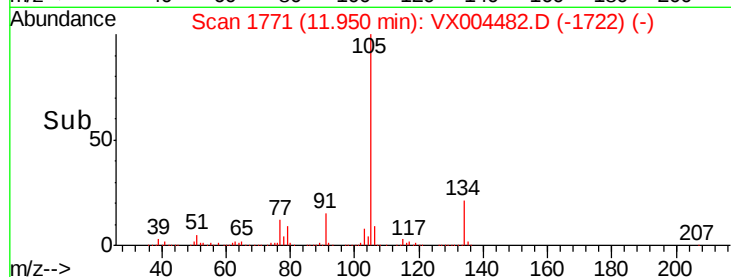
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.19 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

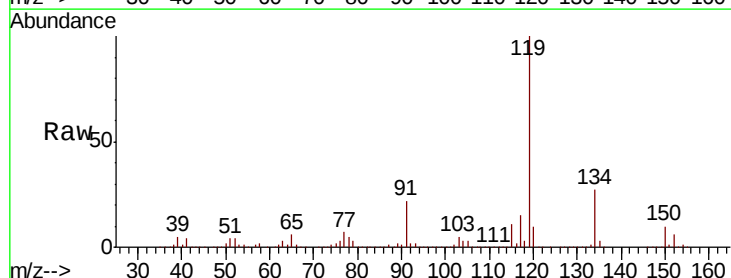
Tgt Ion:119 Resp: 645702

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

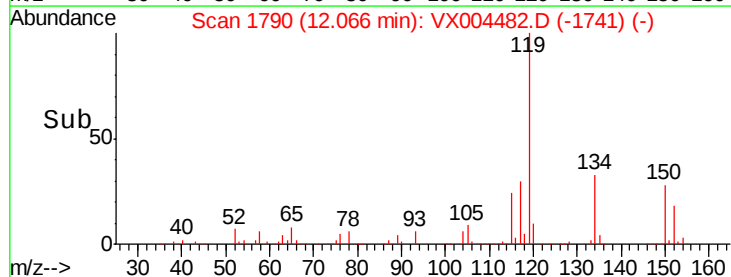
600000

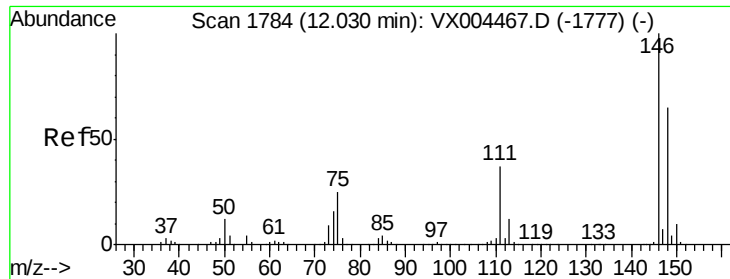
400000

200000

0

Time-->

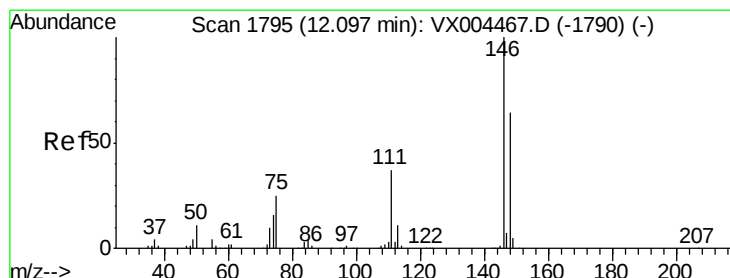
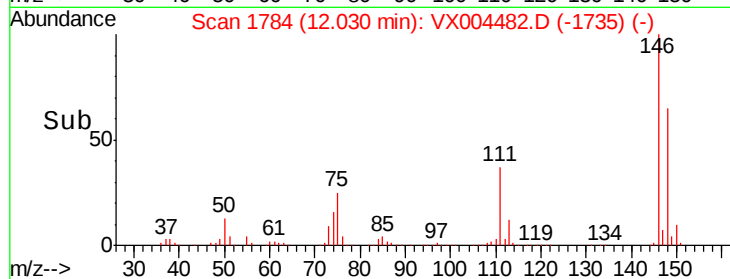
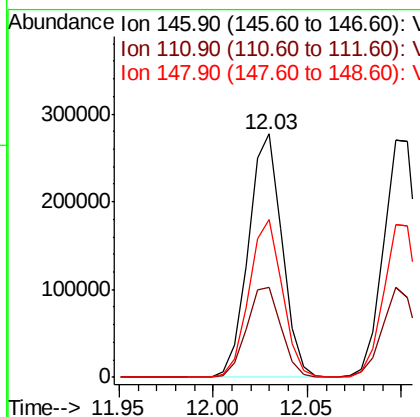
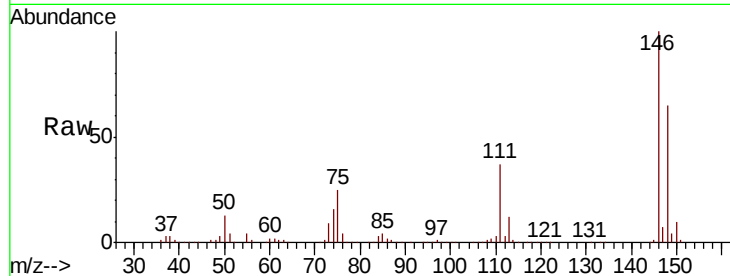




#87
 1,3-Dichlorobenzene
 Concen: 51.22 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

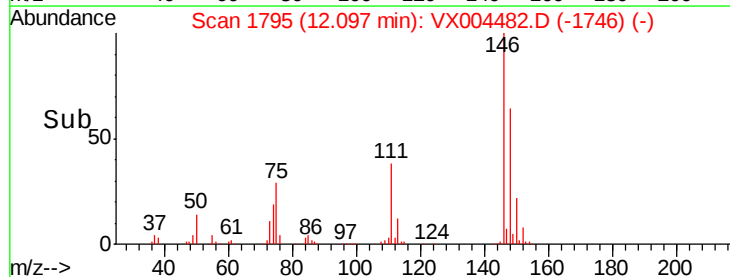
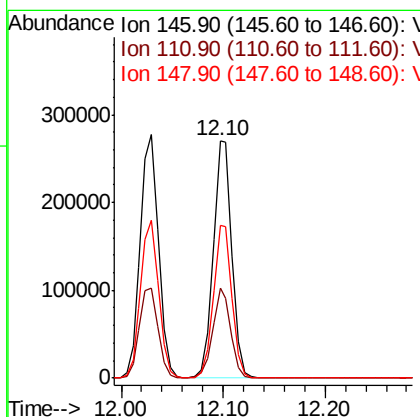
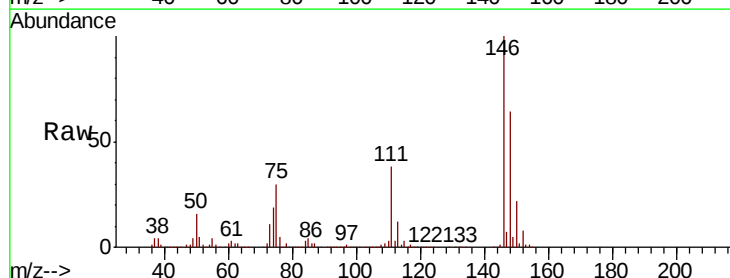
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

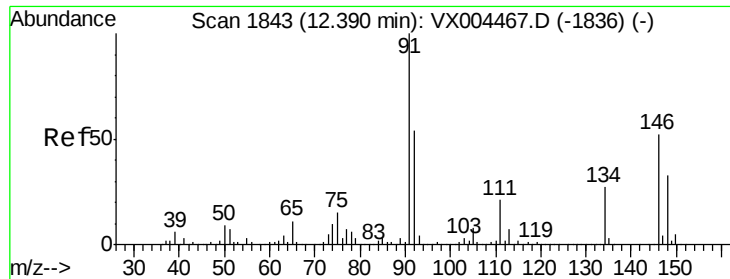
Tot Ion:146 Resp: 343118
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.7 56.1
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.13 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion:146 Resp: 347015
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.4 32.0 96.0

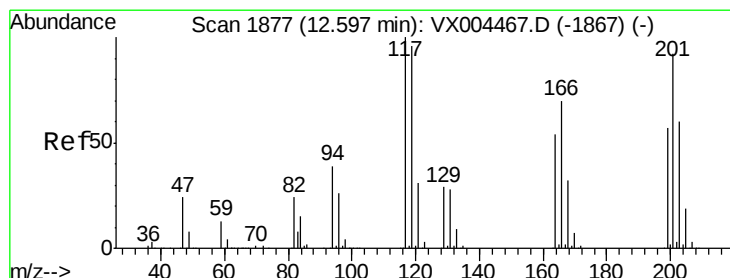
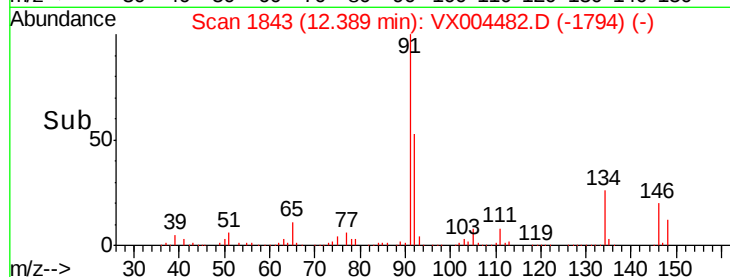
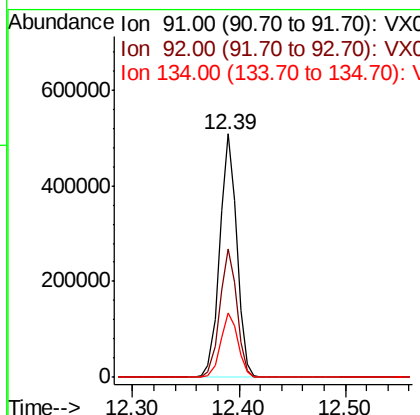
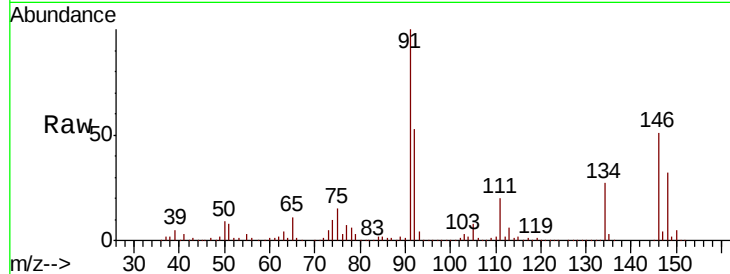




#89
n-Butylbenzene
Concen: 53.25 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

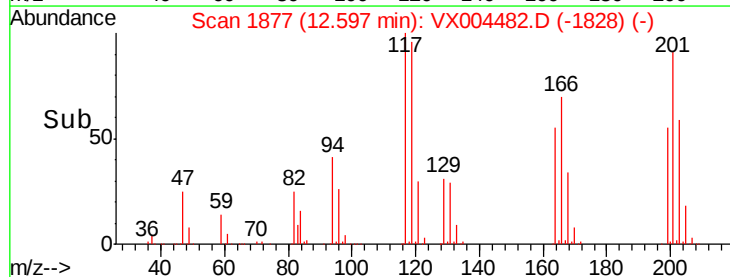
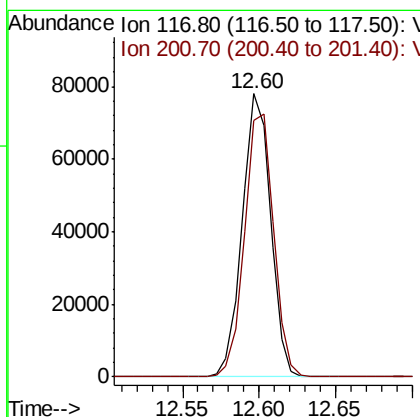
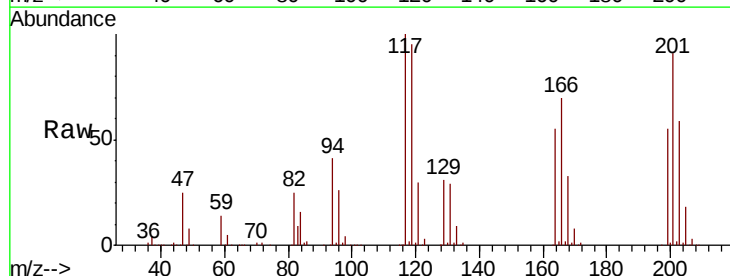
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

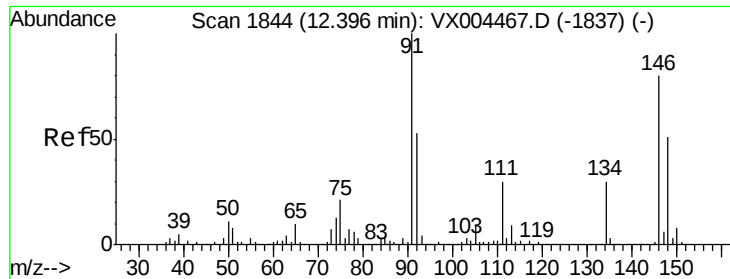
Tot Ion: 91 Resp: 567749
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 53.57 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004482.D
Acq: 11 Sep 2018 22:48

Tgt Ion: 117 Resp: 100332
Ion Ratio Lower Upper
117 100
201 95.2 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 51.17 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

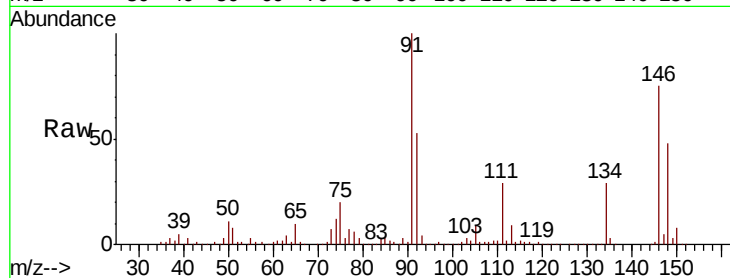
Tot Ion:146 Resp: 346924

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

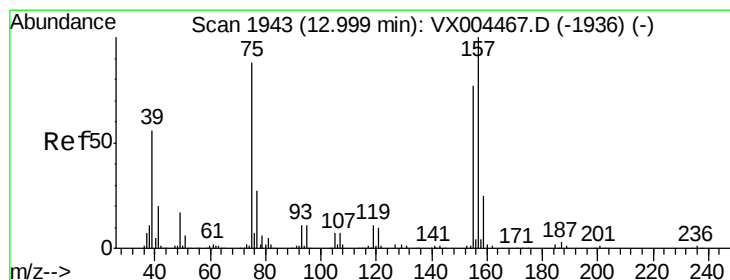
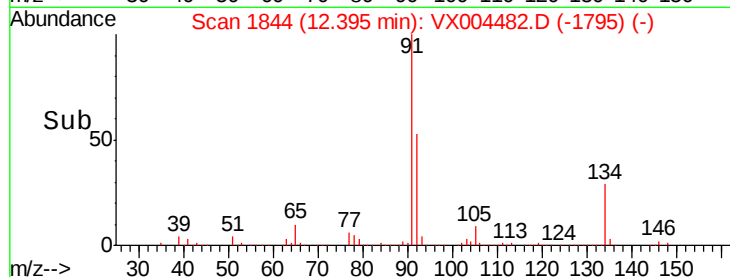
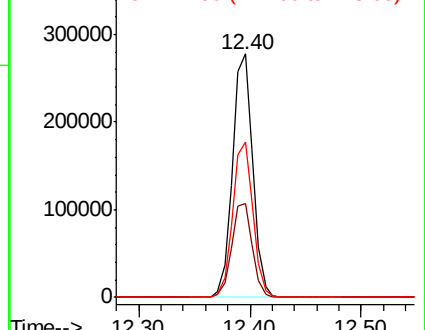
148 63.9 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.13 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

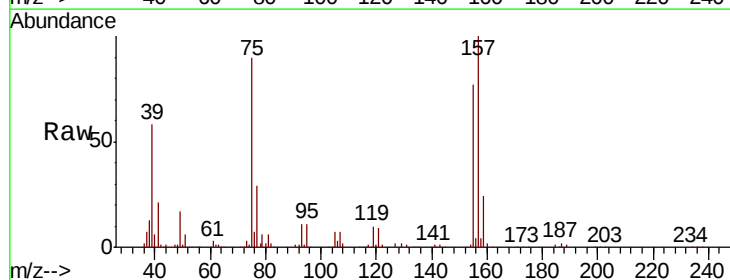
Tgt Ion: 75 Resp: 50219

Ion Ratio Lower Upper

75 100

155 94.9 48.0 144.2

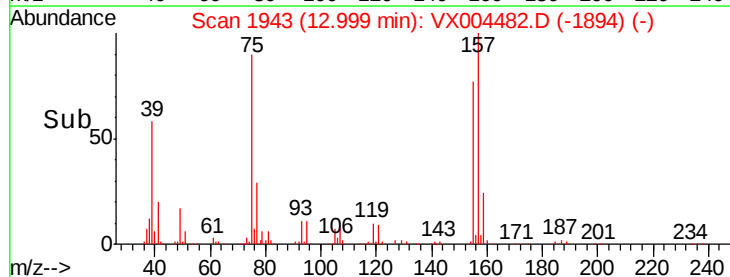
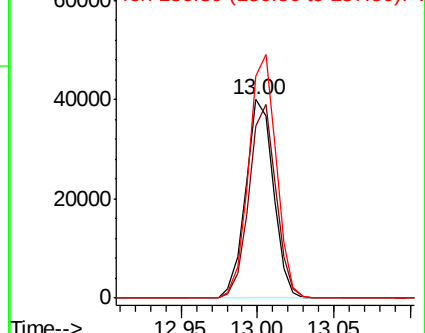
157 122.5 61.4 184.1

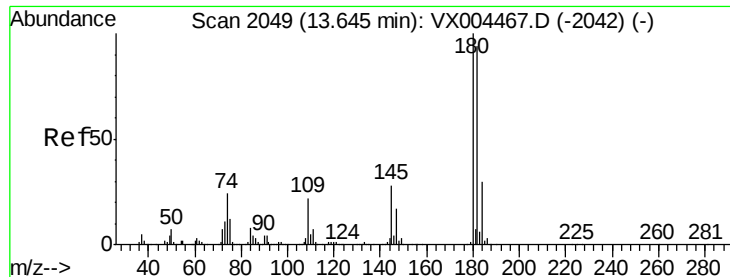


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

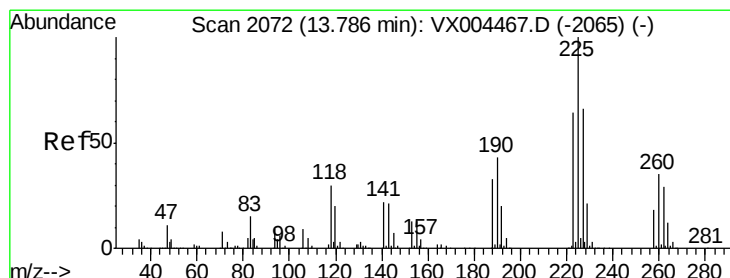
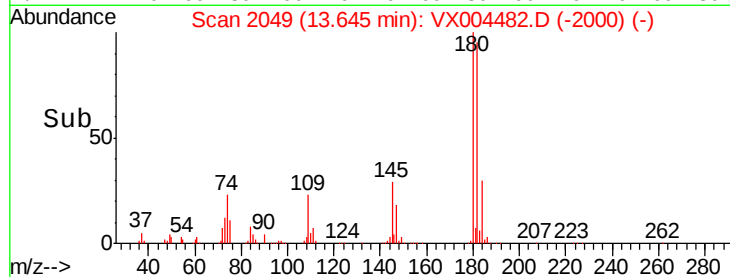
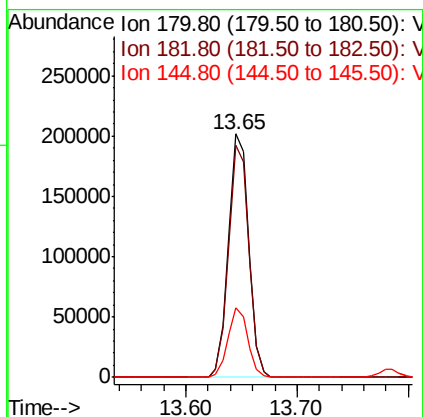
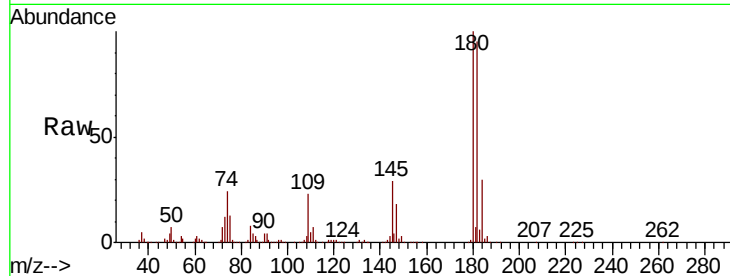




#93
 1,2,4-Trichlorobenzene
 Concen: 52.76 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

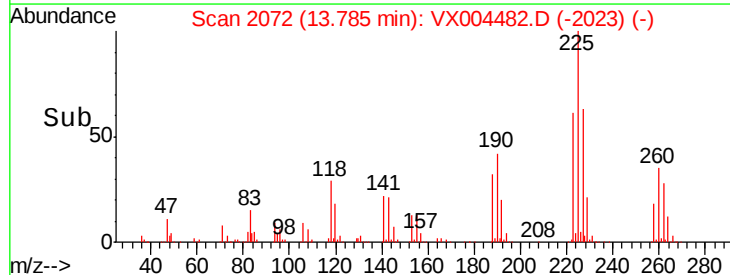
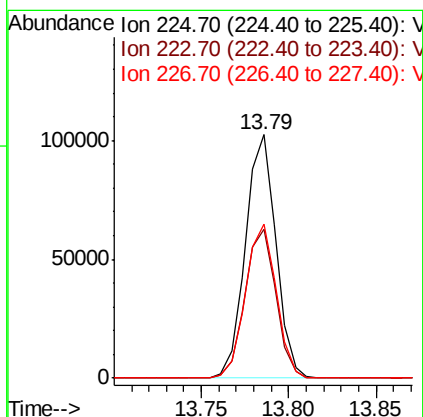
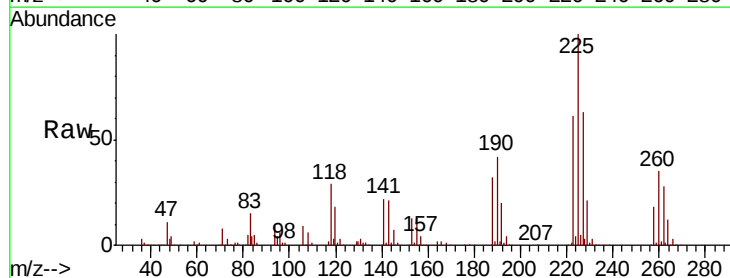
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

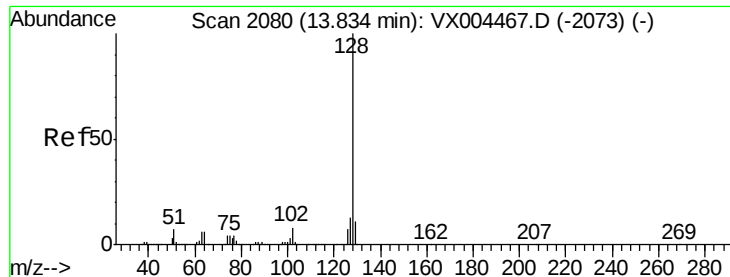
Tot Ion:180 Resp: 253313
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.4 145.0
 145 28.2 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 49.31 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004482.D
 Acq: 11 Sep 2018 22:48

Tgt Ion:225 Resp: 123664
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.1 90.5
 227 64.0 30.8 92.4





#95

Naphthalene

Concen: 57.28 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

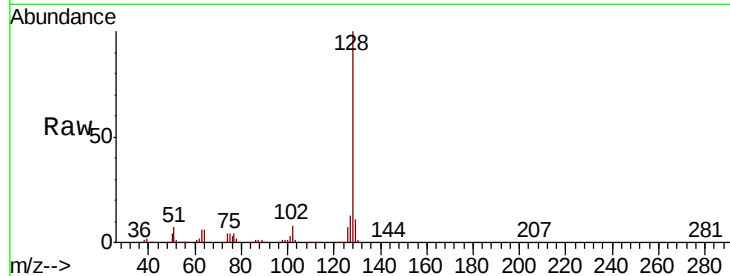
Tot Ion:128 Resp: 771356

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

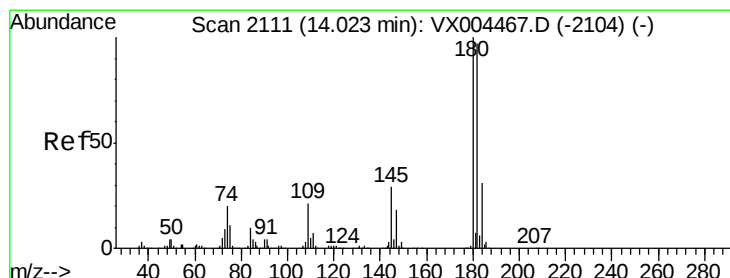
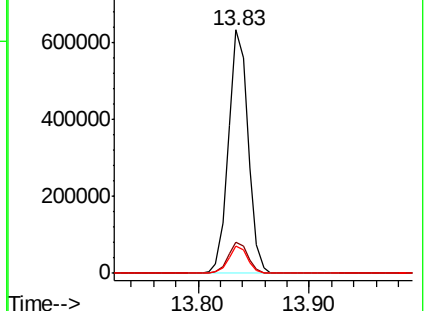
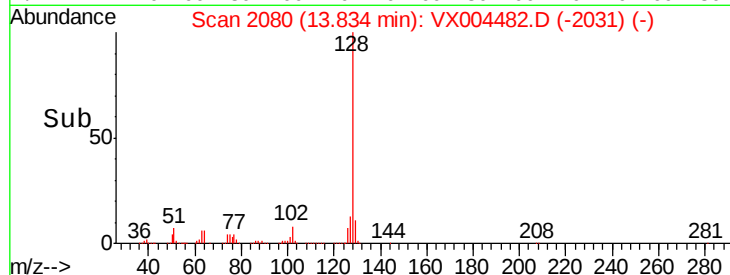
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.81 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004482.D

Acq: 11 Sep 2018 22:48

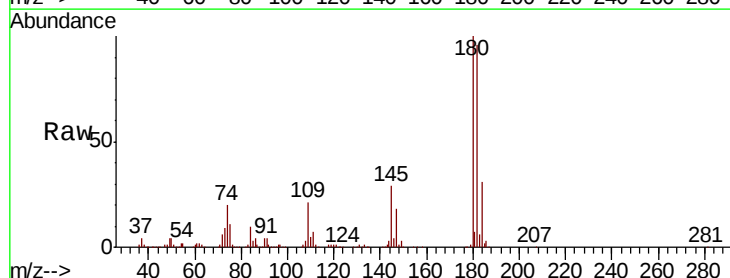
Tgt Ion:180 Resp: 260450

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.6

145 29.7 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

