

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009176.D
 Acq On : 25 Apr 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123926	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
35) Dibromofluoromethane	5.49	113	92459	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
50) Toluene-d8	8.71	98	365779	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.13	95	135699	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101754	47.859	ug/l	97
3) Chloromethane	1.32	50	131649	50.437	ug/l	100
4) Vinyl Chloride	1.40	62	123099	48.455	ug/l	99
5) Bromomethane	1.64	94	76382	48.166	ug/l	97
6) Chloroethane	1.71	64	78449	52.513	ug/l	97
7) Trichlorofluoromethane	1.92	101	140598	47.401	ug/l	98
8) Diethyl Ether	2.19	74	66561	49.068	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86717	45.725	ug/l	99
10) Methyl Iodide	2.51	142	100463	48.587	ug/l	100
11) Tert butyl alcohol	3.06	59	167671	290.371	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92090	46.522	ug/l	99
13) Acrolein	2.29	56	111467	223.413	ug/l	99
14) Allyl chloride	2.73	41	218368	50.564	ug/l	99
15) Acrylonitrile	3.14	53	386198	263.470	ug/l	100
16) Acetone	2.45	43	335808	248.928	ug/l	99
17) Carbon Disulfide	2.56	76	260816	44.967	ug/l	100
18) Methyl Acetate	2.78	43	177024	52.579	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348650	49.431	ug/l	99
20) Methylene Chloride	2.85	84	109467	47.450	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	96949	45.918	ug/l	94
22) Diisopropyl ether	3.86	45	422252	50.316	ug/l	89
23) Vinyl Acetate	3.82	43	1908536	258.720	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205889	48.874	ug/l	99
25) 2-Butanone	4.68	43	578837	268.438	ug/l	99
26) 2,2-Dichloropropane	4.58	77	128083	40.562	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112848	47.075	ug/l	100
28) Bromochloromethane	5.02	49	86084	49.166	ug/l	100
29) Tetrahydrofuran	5.13	42	382794	265.228	ug/l	99
30) Chloroform	5.21	83	186108	49.370	ug/l	98
31) Cyclohexane	5.58	56	195957	47.295	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154200	49.355	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141038	44.769	ug/l	100
37) Ethyl Acetate	4.84	43	212636	52.454	ug/l	100
38) Carbon Tetrachloride	5.78	117	127599	47.776	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009176.D
 Acq On : 25 Apr 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:44:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173051	45.116	ug/l	99
40) Benzene	6.14	78	443301	47.699	ug/l	100
41) Methacrylonitrile	5.04	41	119785	51.485	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158799	48.235	ug/l	99
43) Isopropyl Acetate	6.45	43	335596	51.372	ug/l	99
44) Trichloroethene	7.21	130	103341	45.382	ug/l	99
45) 1,2-Dichloropropane	7.51	63	126813	49.184	ug/l	98
46) Dibromomethane	7.66	93	71419	47.596	ug/l	99
47) Bromodichloromethane	7.90	83	143013	48.593	ug/l	100
48) Methyl methacrylate	7.77	41	169616	52.547	ug/l	99
49) 1,4-Dioxane	7.74	88	68303	1130.550	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1140216	273.970	ug/l	99
52) Toluene	8.79	92	267507	48.027	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	166140	49.051	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	181948	47.975	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108637	49.212	ug/l	98
56) Ethyl methacrylate	9.18	69	205503	51.917	ug/l	99
57) 1,3-Dichloropropane	9.37	76	193500	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	503824	236.366	ug/l	100
59) 2-Hexanone	9.49	43	893443	278.446	ug/l	99
60) Dibromochloromethane	9.59	129	108391	51.231	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112160	49.228	ug/l	99
64) Tetrachloroethene	9.34	164	91844	43.810	ug/l	99
65) Chlorobenzene	10.14	112	273188	46.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	99836	48.653	ug/l	100
67) Ethyl Benzene	10.25	91	512617	48.142	ug/l	99
68) m/p-Xylenes	10.36	106	374815	96.859	ug/l	99
69) o-Xylene	10.70	106	184963	49.123	ug/l	99
70) Styrene	10.71	104	327166	50.141	ug/l	100
71) Bromoform	10.85	173	82882	50.699	ug/l #	98
73) Isopropylbenzene	11.02	105	487887	47.796	ug/l	100
74) N-amyl acetate	10.90	43	306857	52.355	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	187001	50.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	219640	66.793	ug/l	80
77) Bromobenzene	11.26	156	121983	47.363	ug/l	99
78) n-propylbenzene	11.36	91	560310	47.824	ug/l	99
79) 2-Chlorotoluene	11.42	91	339118	48.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	414468	48.386	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61688	48.161	ug/l	98
82) 4-Chlorotoluene	11.51	91	388395	47.368	ug/l	100
83) tert-Butylbenzene	11.77	119	405134	49.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	416221	47.735	ug/l	100
85) sec-Butylbenzene	11.94	105	471254	48.045	ug/l	100
86) p-Isopropyltoluene	12.06	119	429100	47.584	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	212228	47.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	212127	46.423	ug/l	100
89) n-Butylbenzene	12.39	91	384476	45.780	ug/l	100
90) Hexachloroethane	12.60	117	73326	49.294	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216976	48.746	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43846	51.632	ug/l	98

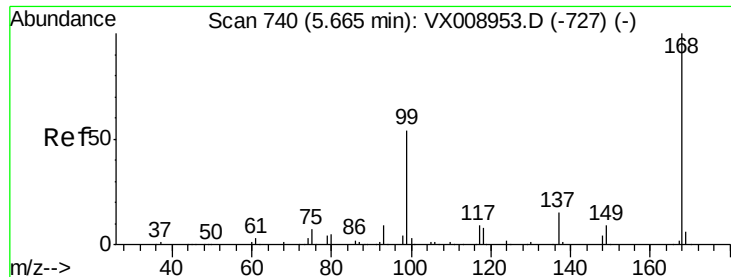
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
Data File : VX009176.D
Acq On : 25 Apr 2019 20:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 26 04:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150438	46.819	ug/l	99
94) Hexachlorobutadiene	13.78	225	73085	45.605	ug/l	99
95) Naphthalene	13.83	128	510400	49.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150810	47.569	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

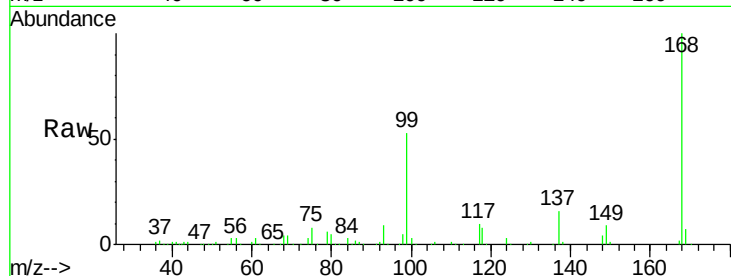
ClientSampleId :

Tot Ion:168 Resp: 184589

Ion Ratio Lower Upper

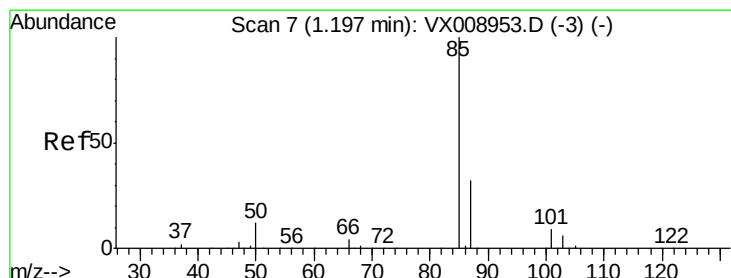
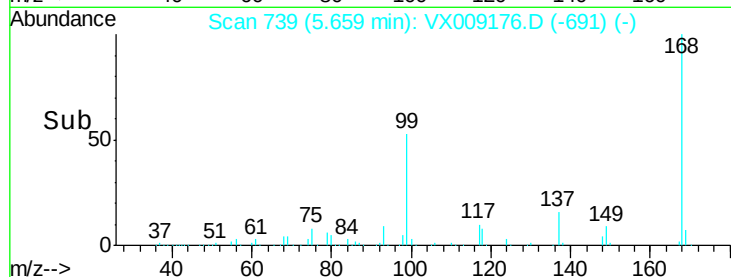
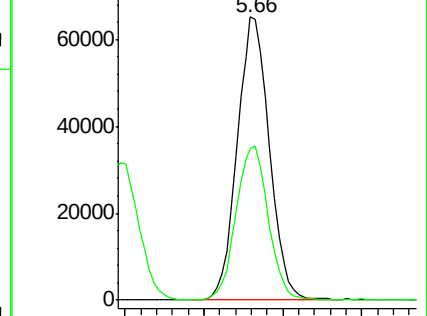
168 100

99 53.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.859 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009176.D

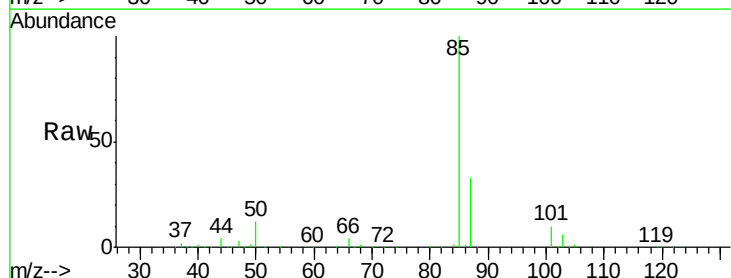
Acq: 25 Apr 2019 20:37

Tgt Ion: 85 Resp: 101754

Ion Ratio Lower Upper

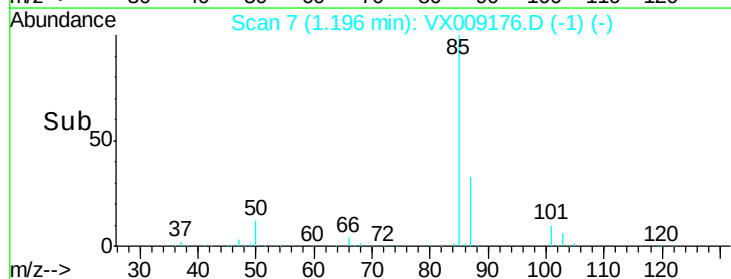
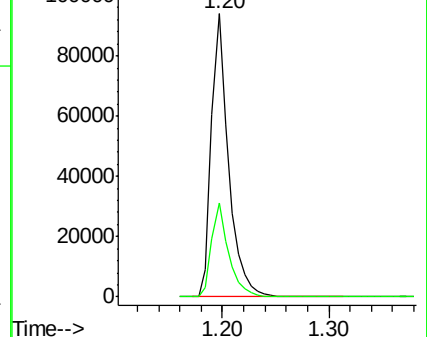
85 100

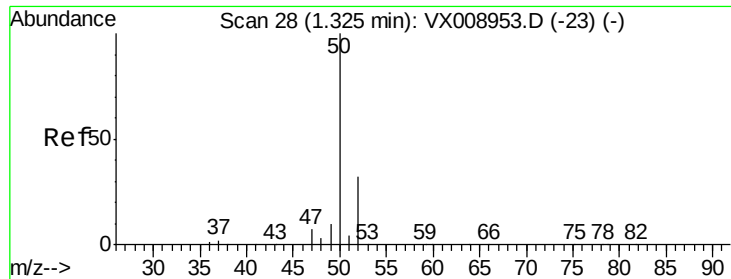
87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.437 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

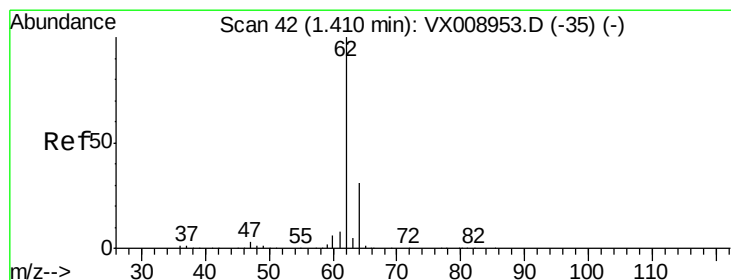
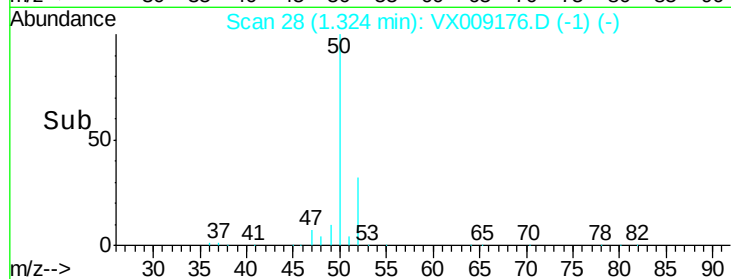
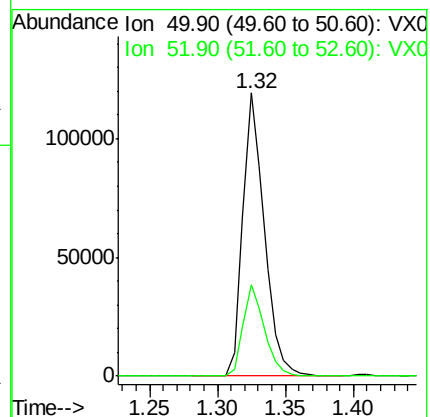
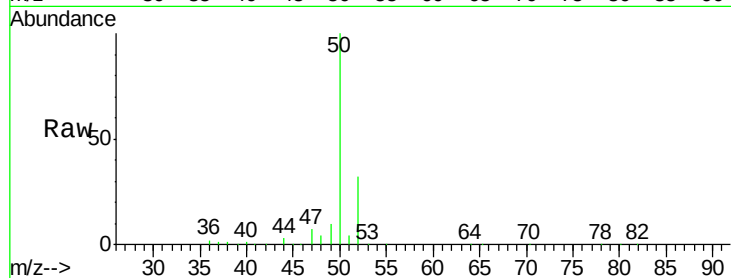
ClientSampleId :

Tot Ion: 50 Resp: 131649

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 48.455 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009176.D

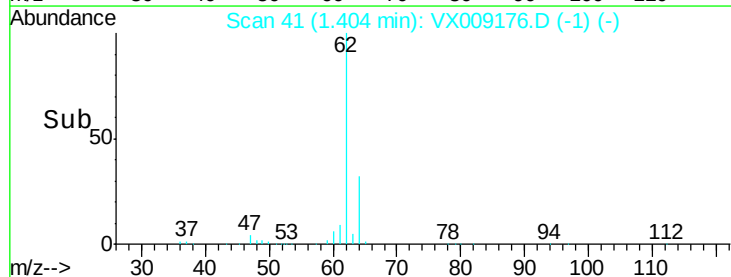
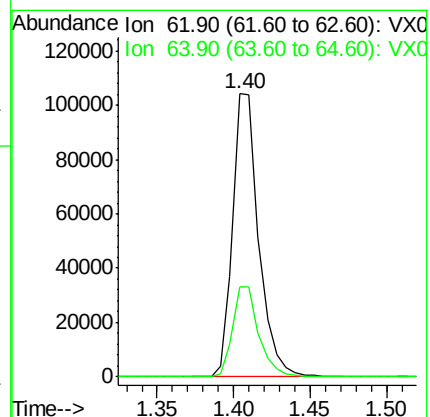
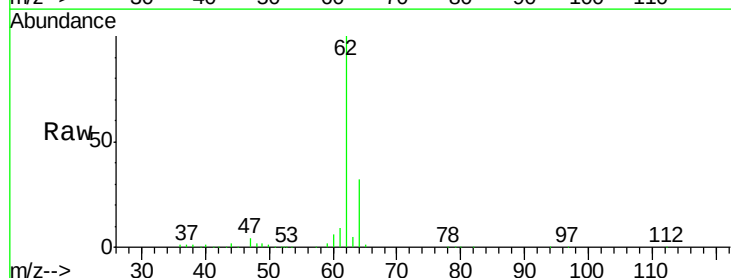
Acq: 25 Apr 2019 20:37

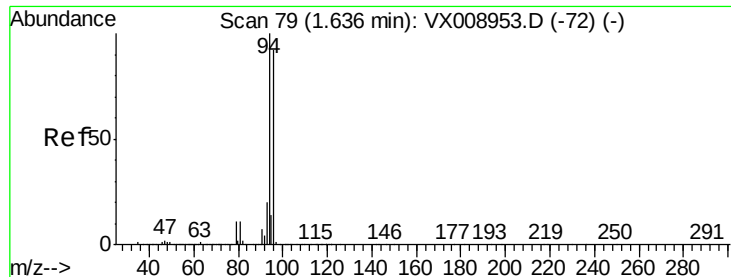
Tgt Ion: 62 Resp: 123099

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 48.166 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

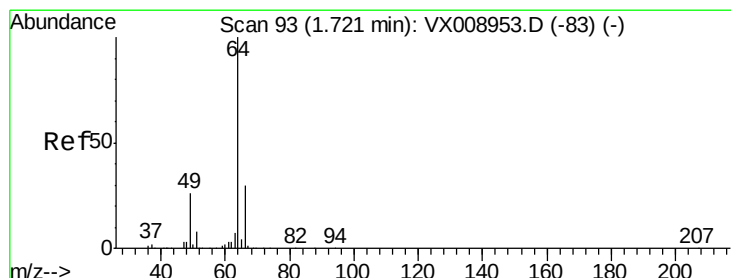
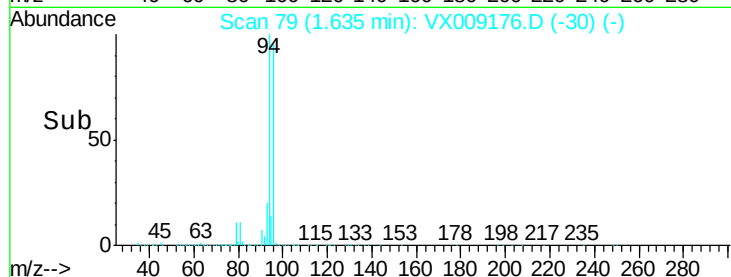
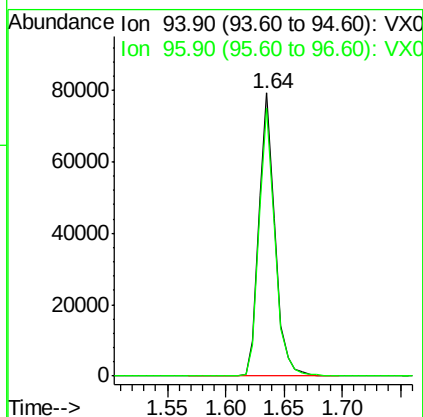
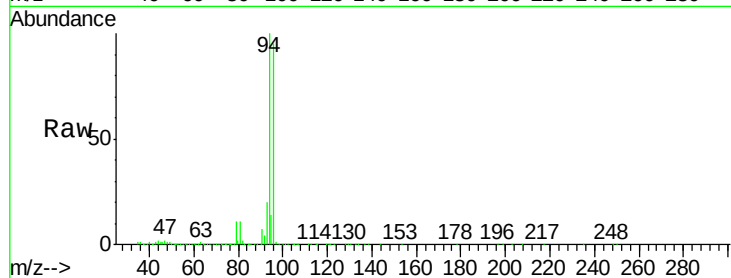
ClientSampled :

Tot Ion: 94 Resp: 76382

Ion Ratio Lower Upper

94 100

96 94.9 73.9 110.9



#6

Chloroethane

Concen: 52.513 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009176.D

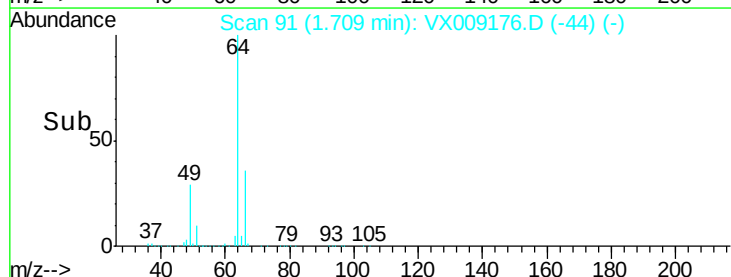
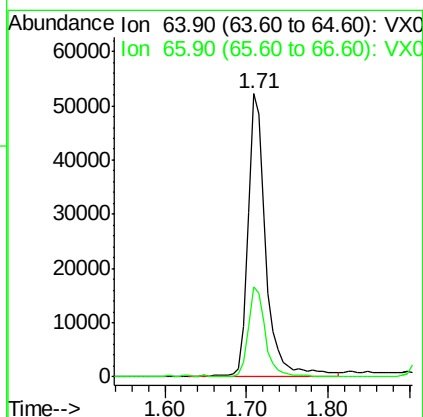
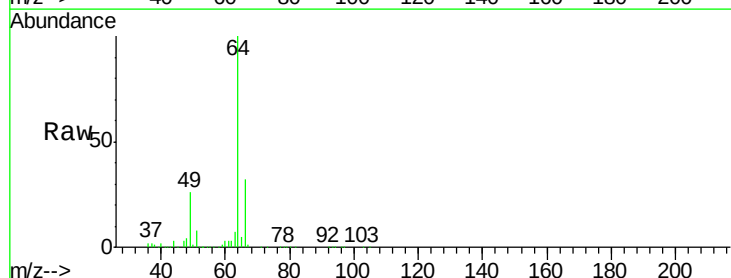
Acq: 25 Apr 2019 20:37

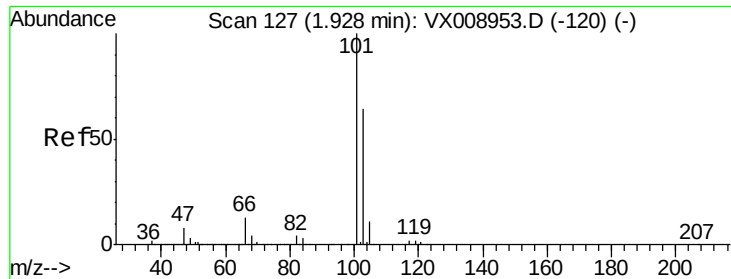
Tgt Ion: 64 Resp: 78449

Ion Ratio Lower Upper

64 100

66 31.6 24.2 36.2



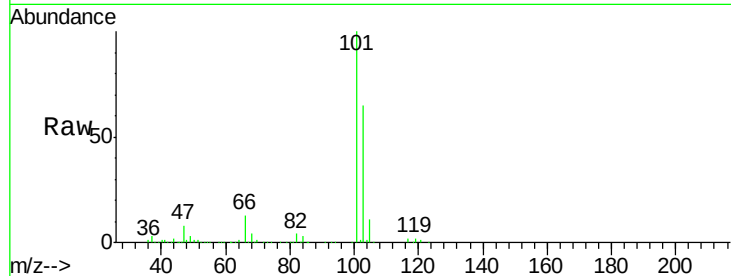


#7

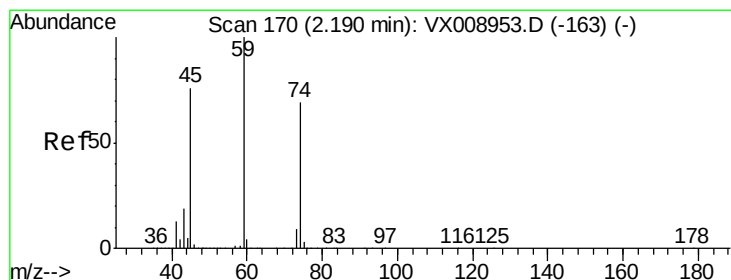
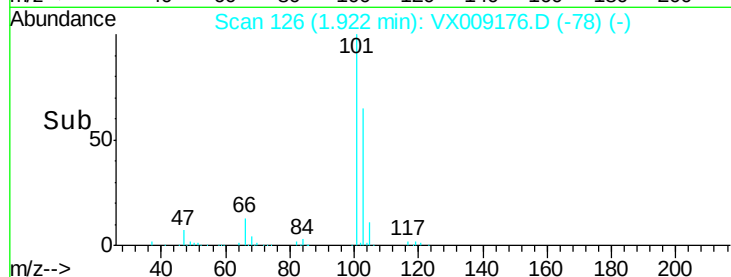
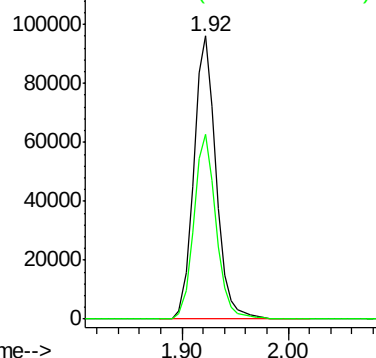
Trichlorofluoromethane
Concen: 47.401 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 140598
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.6



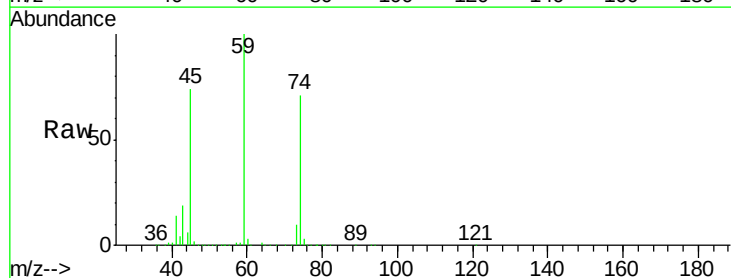
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



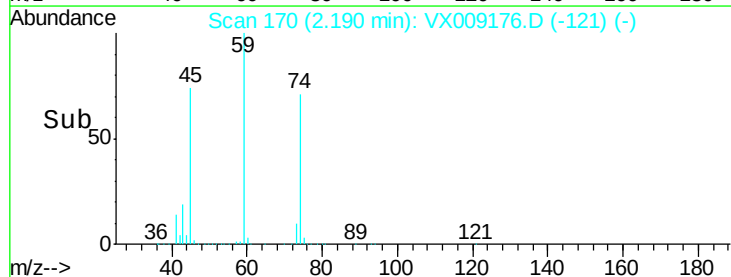
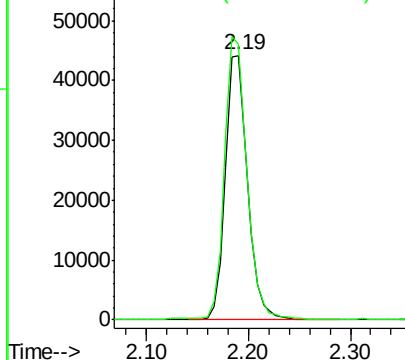
#8

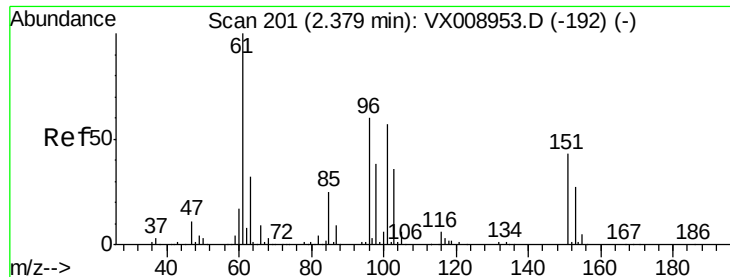
Diethyl Ether
Concen: 49.068 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 74 Resp: 66561
Ion Ratio Lower Upper
74 100
45 106.8 54.9 164.8



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: 45.725 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

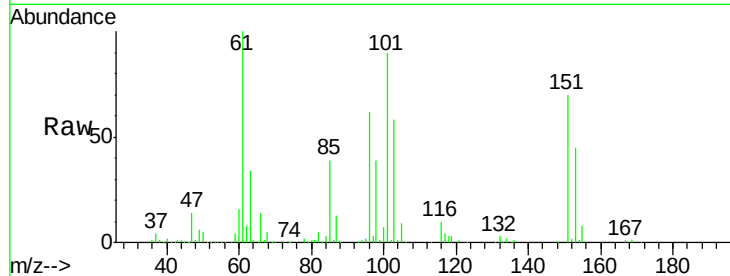
Tot Ion:101 Resp: 86717

Ion Ratio Lower Upper

101 100

85 44.2 35.7 53.5

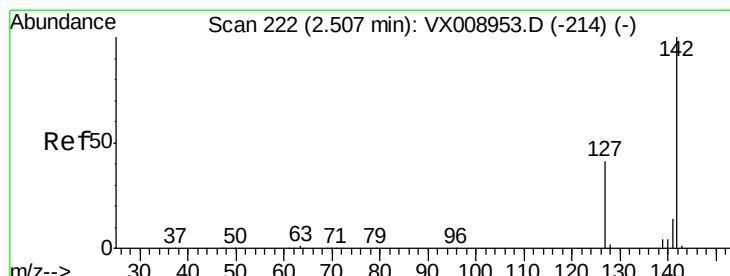
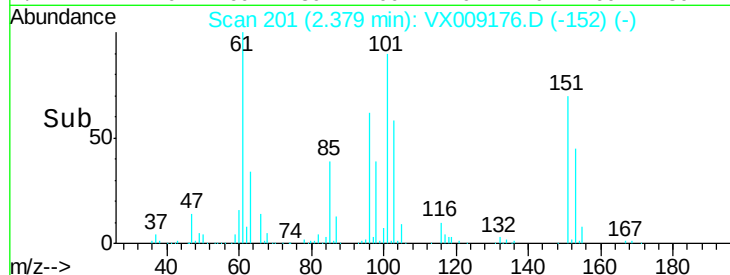
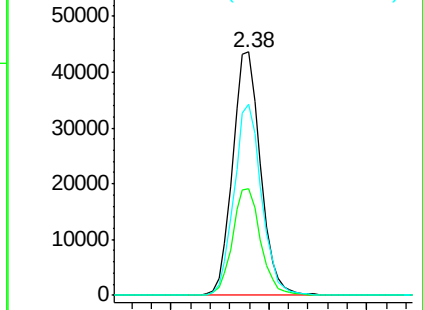
151 77.7 62.7 94.1



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: 48.587 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

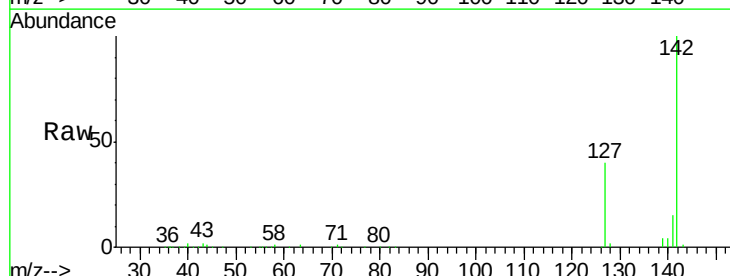
Tgt Ion:142 Resp: 100463

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

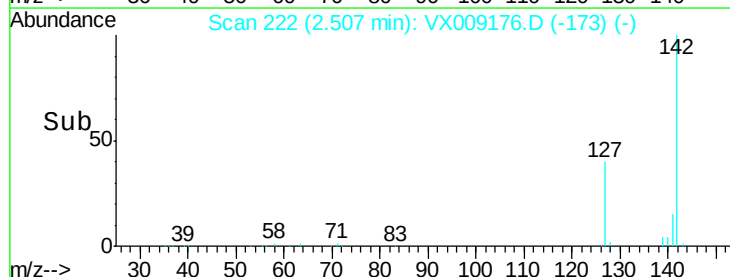
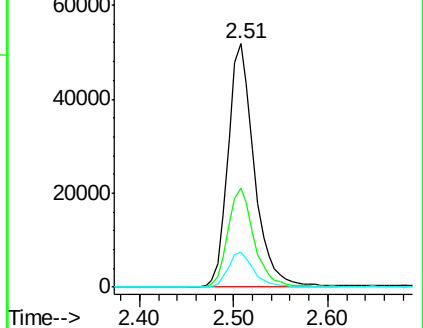
141 14.2 11.4 17.2

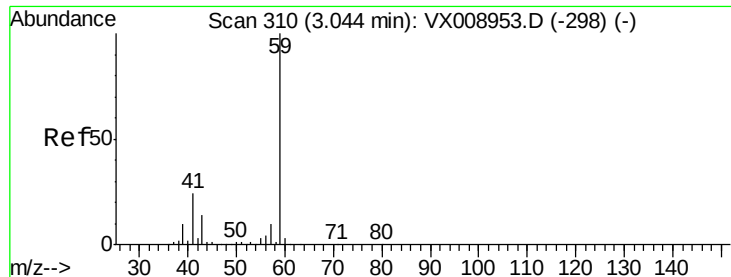


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

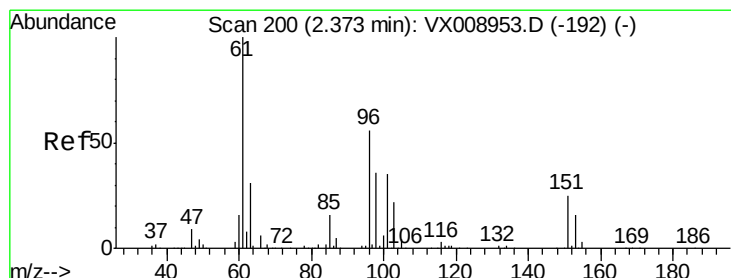
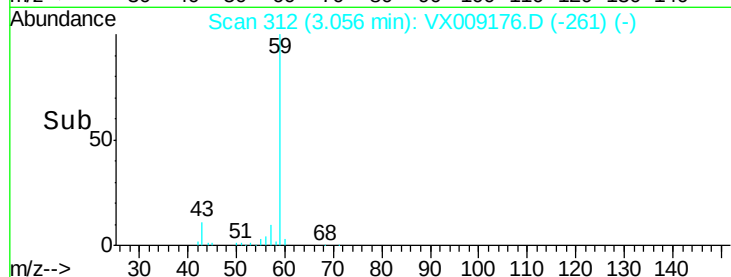
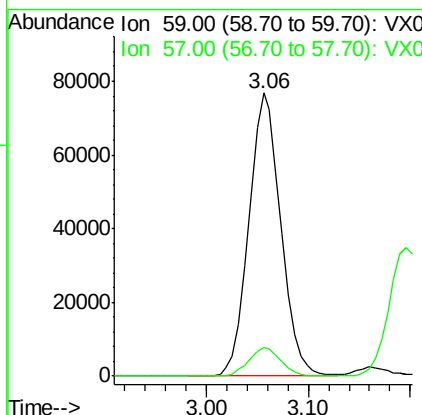
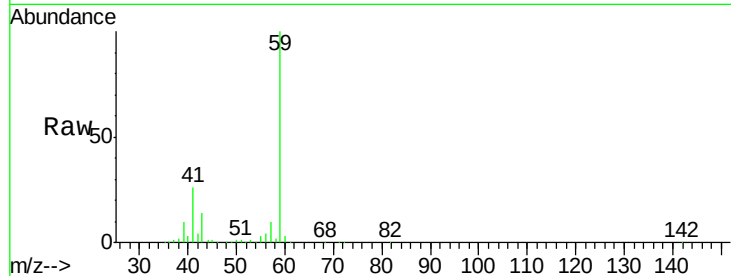




#11
Tert butyl alcohol
Concen: 290.371 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

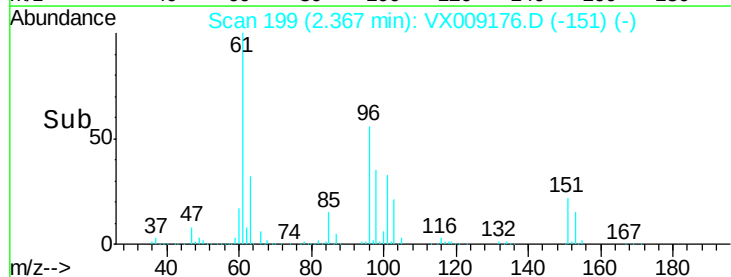
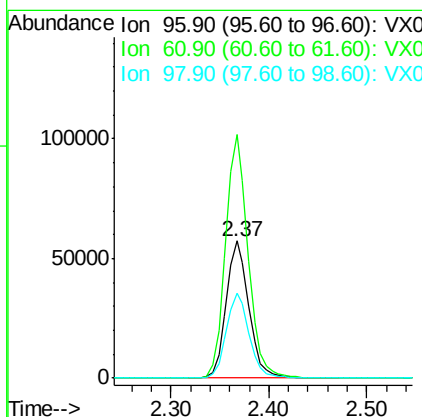
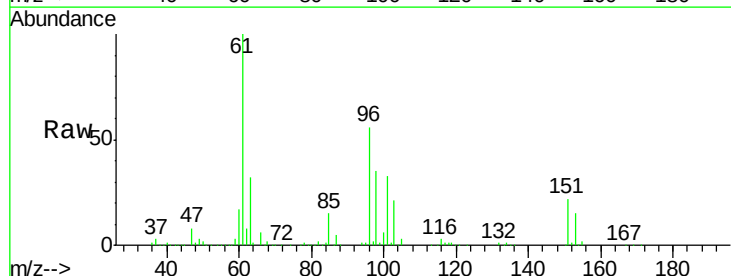
Instrument :
MSVOA_X
ClientSampled :

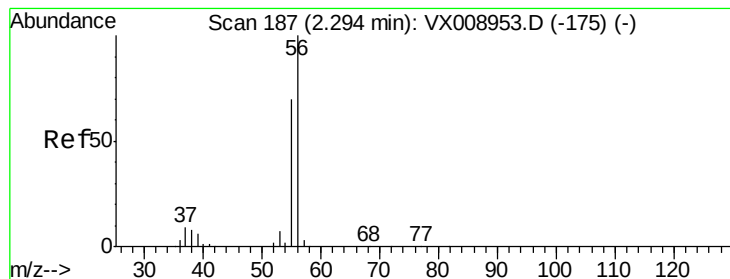
Tot Ion: 59 Resp: 167671
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 46.522 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 96 Resp: 92090
Ion Ratio Lower Upper
96 100
61 177.3 142.2 213.2
98 62.2 50.9 76.3





#13

Acrolein

Concen: 223.413 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

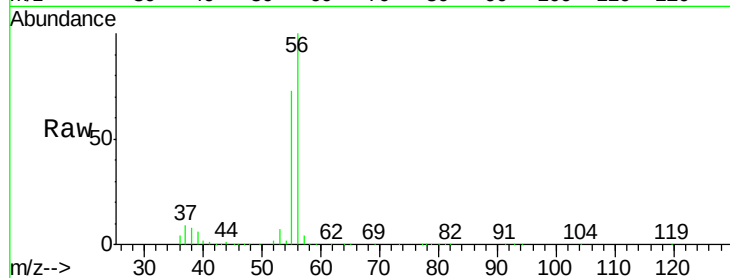
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 111467

Ion Ratio Lower Upper

56 100

55 71.9 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

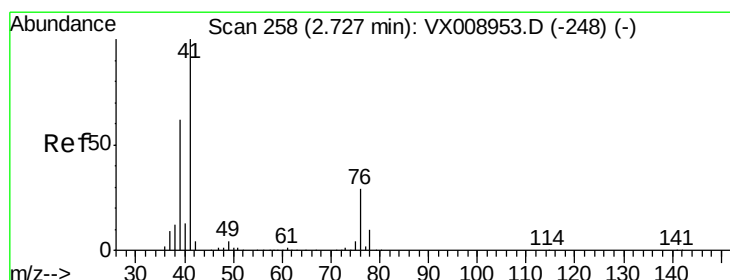
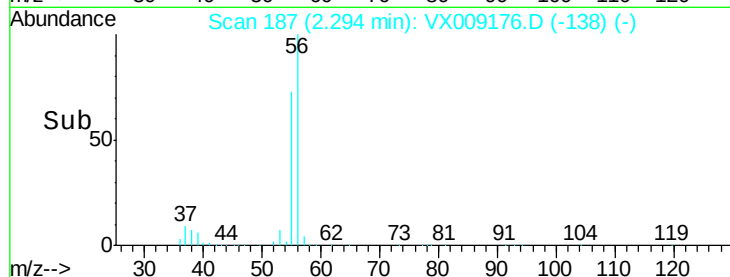
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.564 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

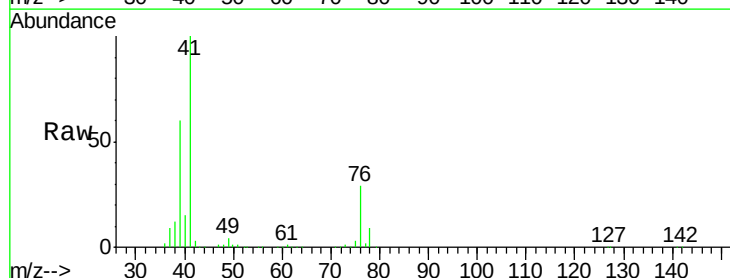
Tgt Ion: 41 Resp: 218368

Ion Ratio Lower Upper

41 100

39 57.4 46.7 70.1

76 26.8 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

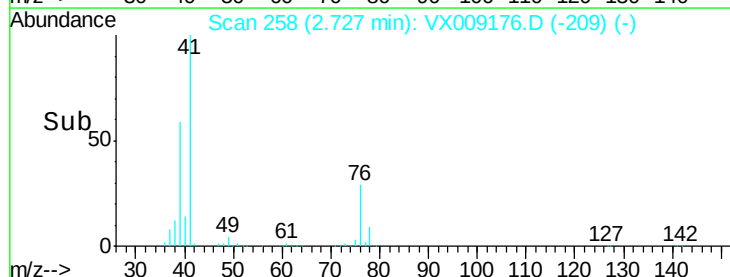
100000

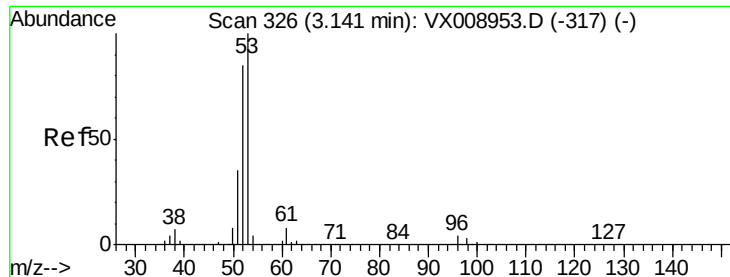
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 263.470 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

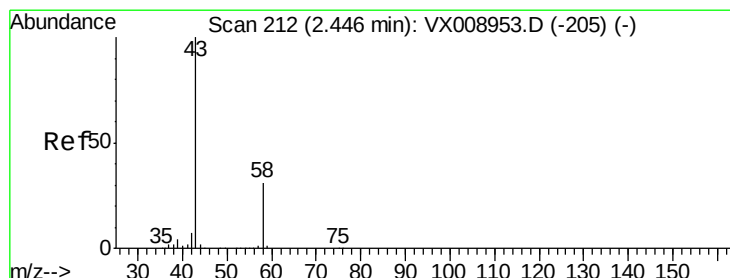
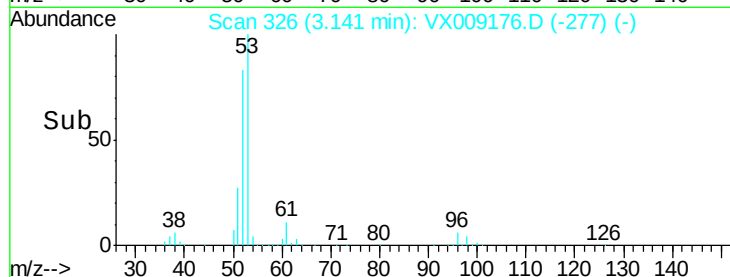
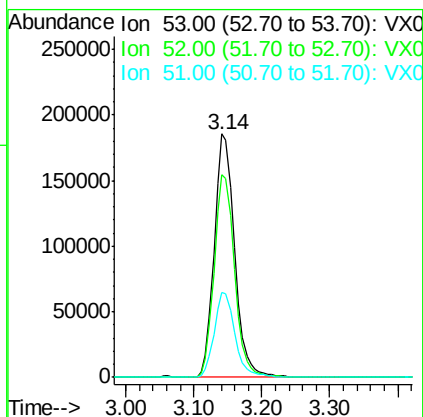
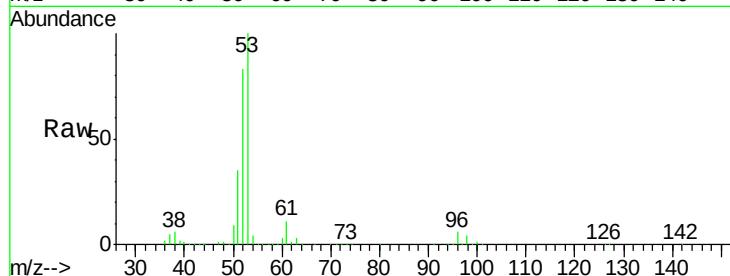
Tot Ion: 53 Resp: 386198

Ion Ratio Lower Upper

53 100

52 83.6 66.6 100.0

51 35.4 28.3 42.5



#16

Acetone

Concen: 248.928 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009176.D

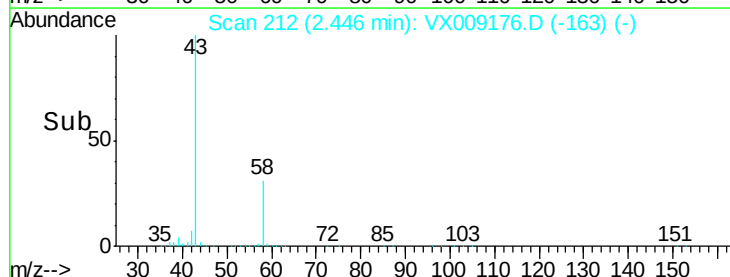
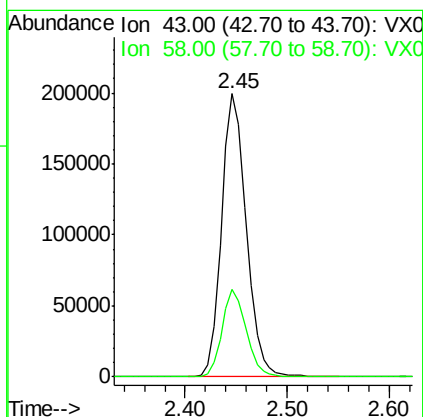
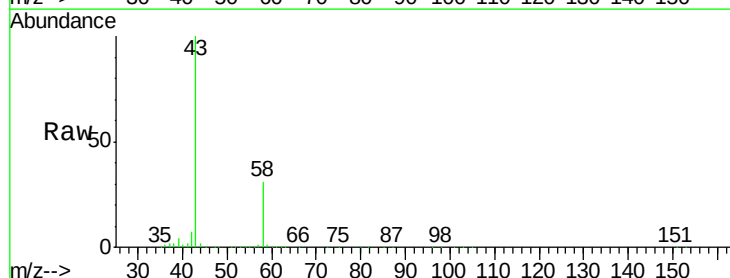
Acq: 25 Apr 2019 20:37

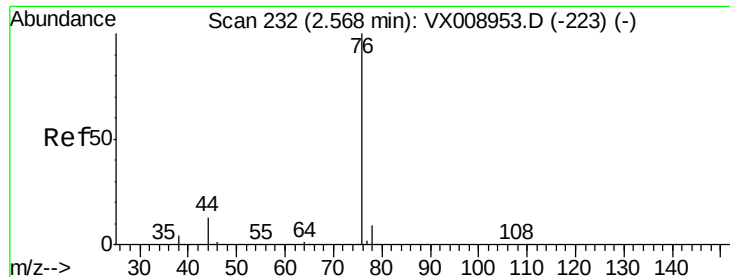
Tgt Ion: 43 Resp: 335808

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 44.967 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

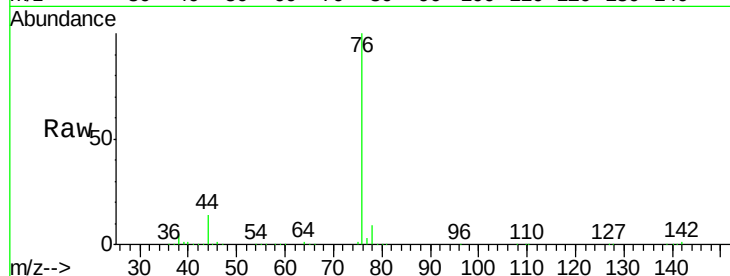
ClientSampleId :

Tot Ion: 76 Resp: 260816

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

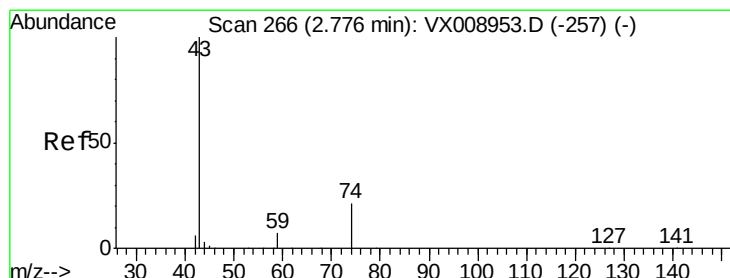
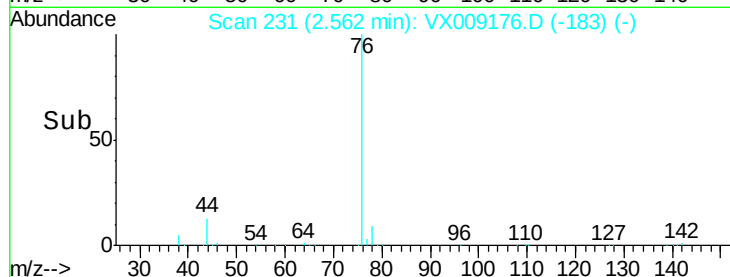
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 52.579 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009176.D

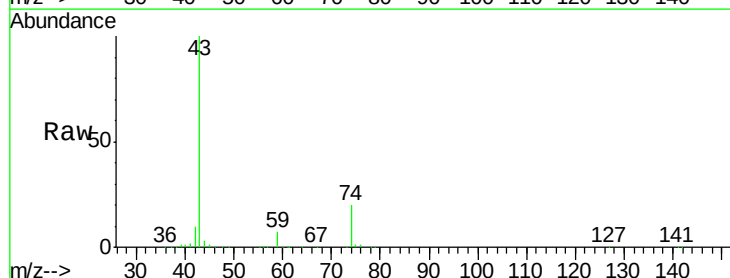
Acq: 25 Apr 2019 20:37

Tgt Ion: 43 Resp: 177024

Ion Ratio Lower Upper

43 100

74 19.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

40000

20000

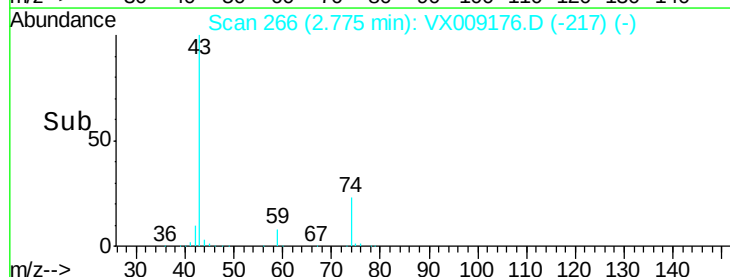
0

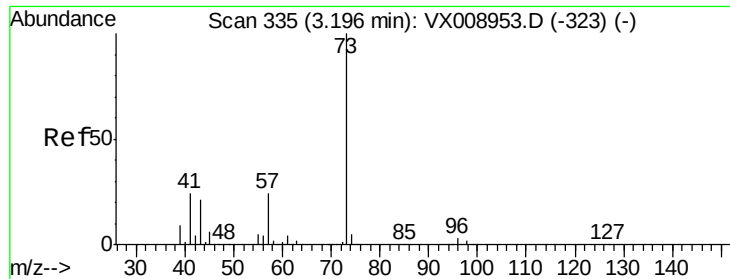
Time-->

2.70

2.80

2.90

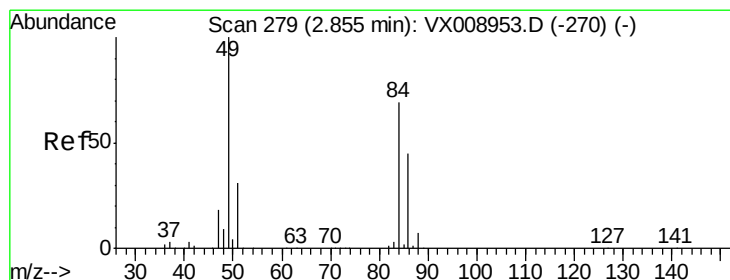
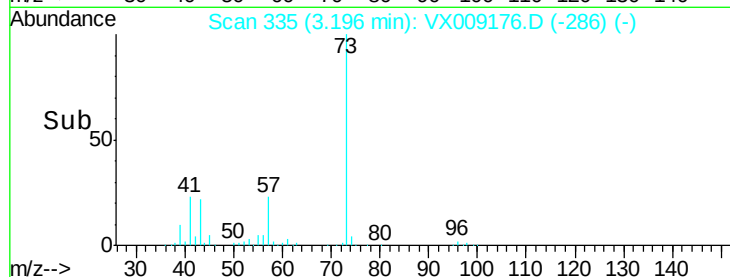
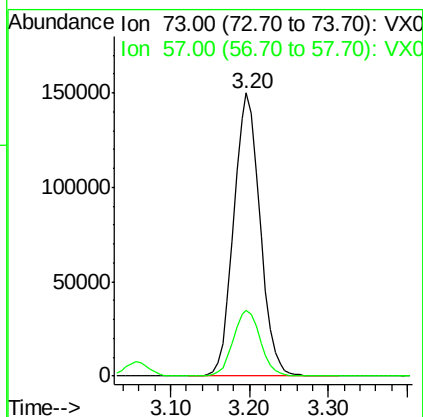
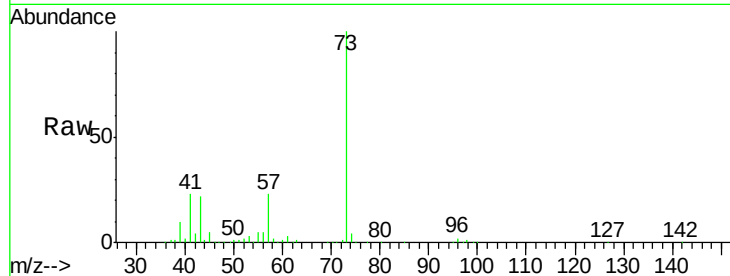




#19
Methvl tert-butvl Ether
Concen: 49.431 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

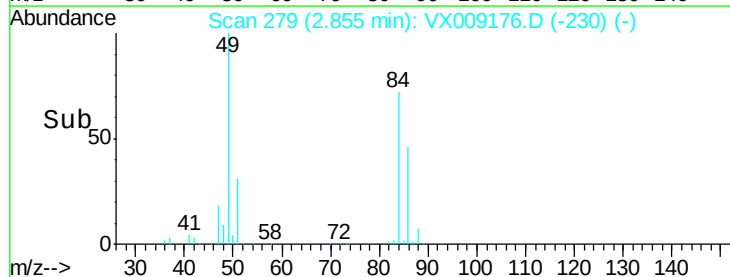
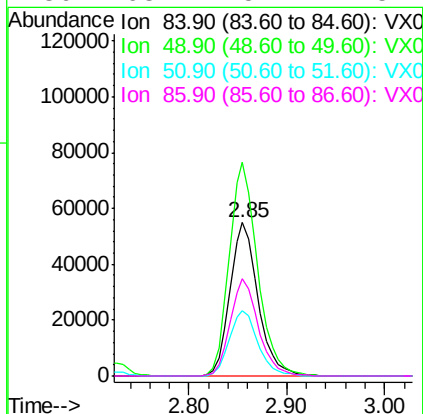
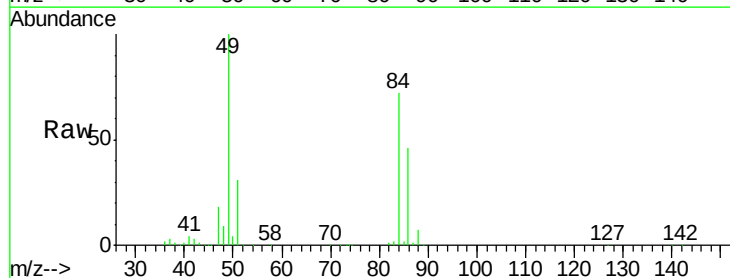
Instrument :
MSVOA_X
ClientSampleId :

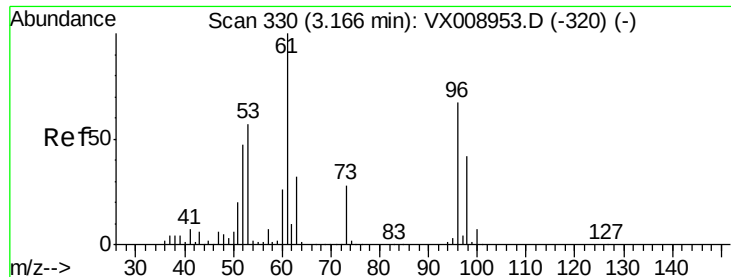
Tot Ion: 73 Resp: 348650
Ion Ratio Lower Upper
73 100
57 23.3 19.2 28.8



#20
Methylene Chloride
Concen: 47.450 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 84 Resp: 109467
Ion Ratio Lower Upper
84 100
49 139.0 115.4 173.0
51 42.6 35.8 53.6
86 63.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 45.918 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :

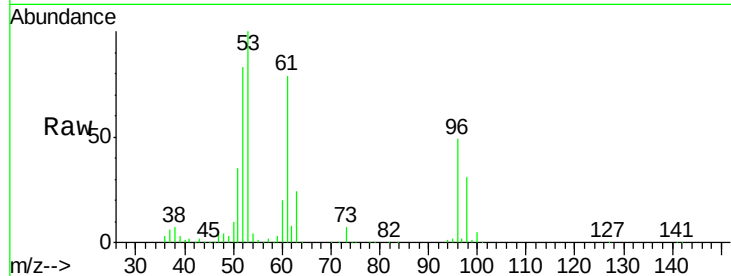
Tot Ion: 96 Resp: 96949

Ion Ratio Lower Upper

96 100

61 161.2 120.3 180.5

98 63.3 50.2 75.2

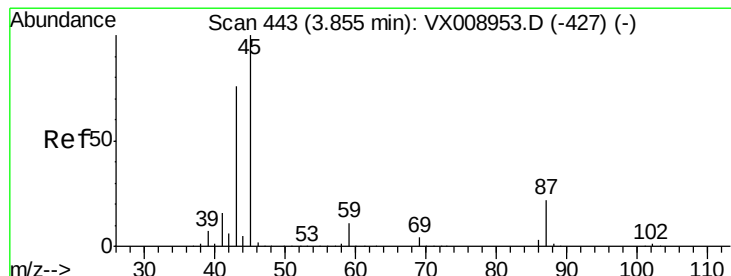
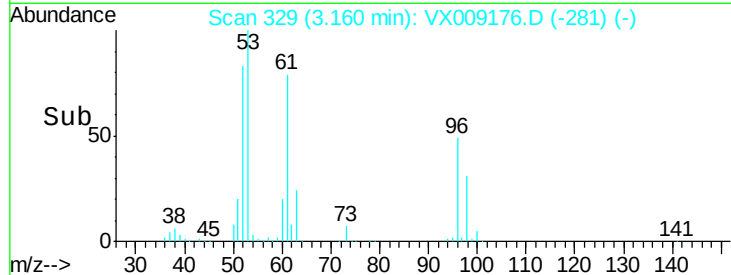
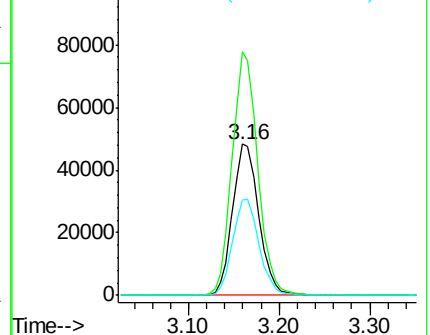


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.316 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Tgt Ion: 45 Resp: 422252

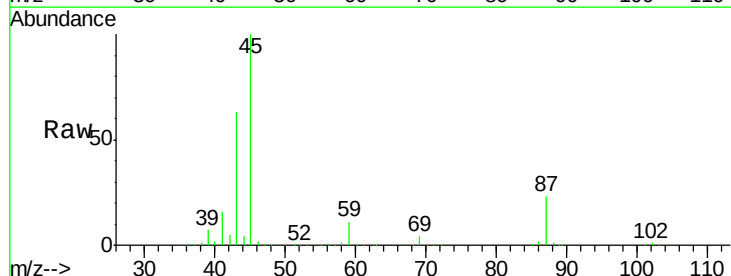
Ion Ratio Lower Upper

45 100

43 62.7 60.6 91.0

87 22.7 17.8 26.8

59 10.8 8.7 13.1



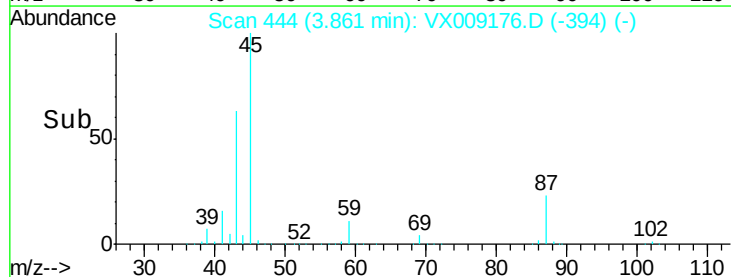
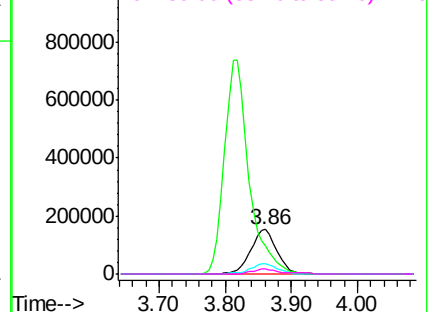
Abundance

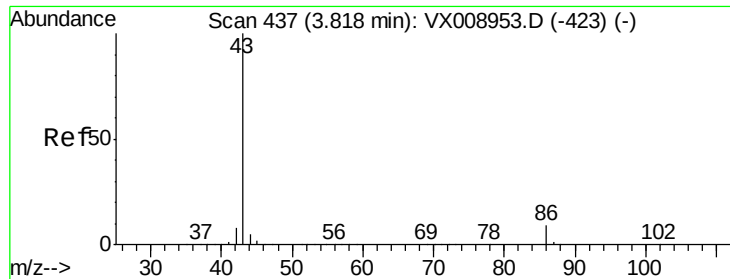
Ion 45.00 (44.70 to 45.70): VX0

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: 258.720 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

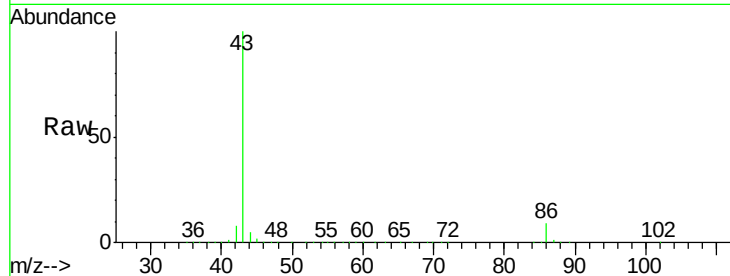
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1908536

Ion Ratio Lower Upper

43 100

86 8.6 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

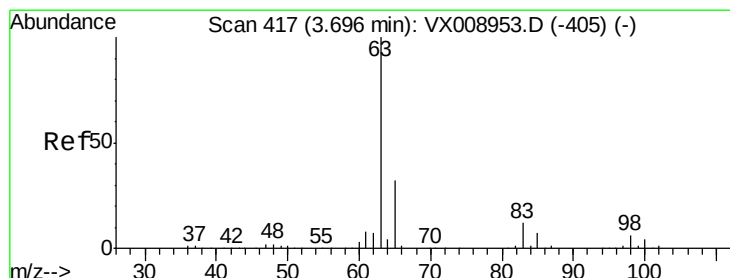
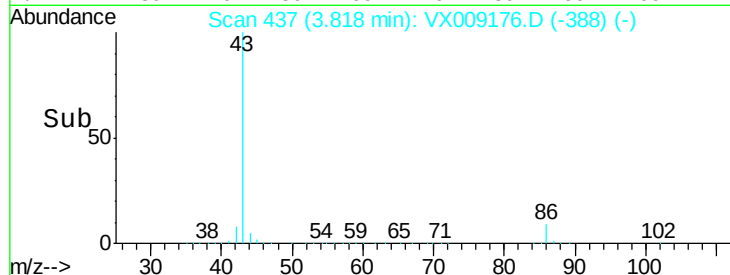
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.874 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

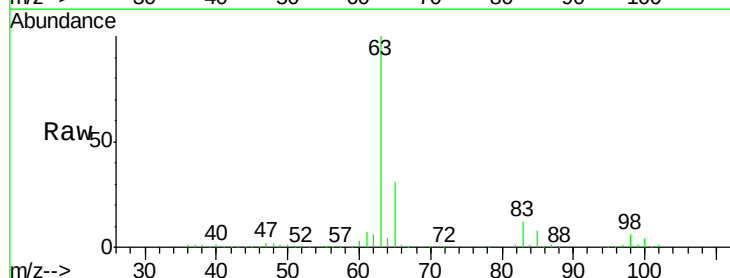
Tgt Ion: 63 Resp: 205889

Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 3.6 1.9 5.7



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

3.70

100000

80000

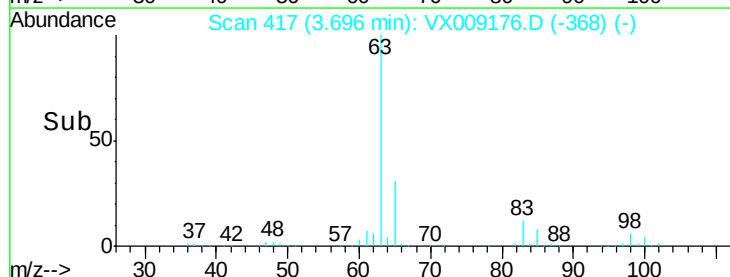
60000

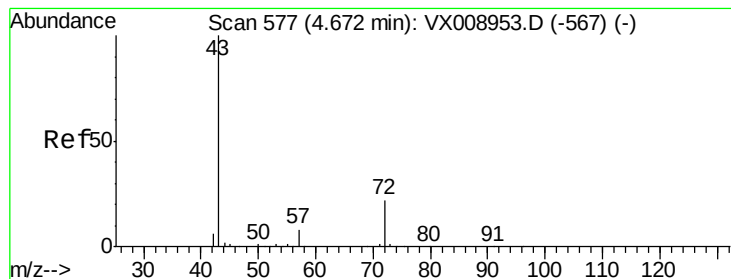
40000

20000

0

Time-->





#25

2-Butanone

Concen: 268.438 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

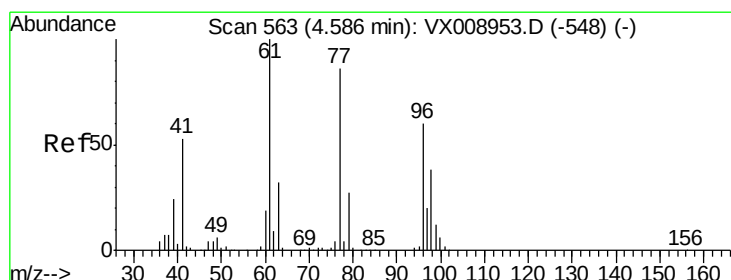
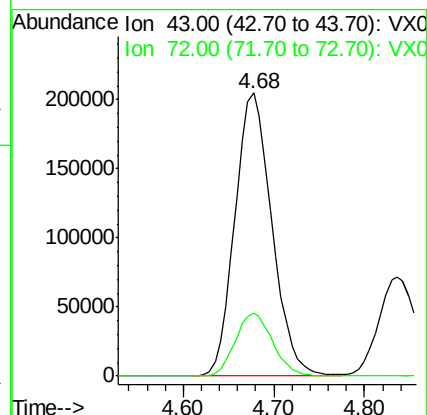
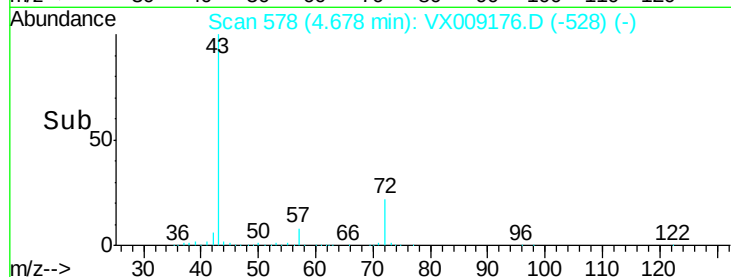
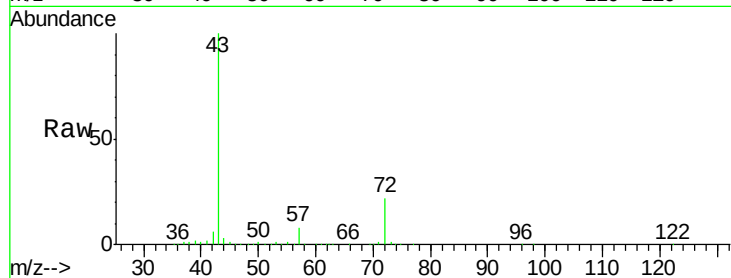
ClientSampleId :

Tot Ion: 43 Resp: 578837

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



#26

2,2-Dichloropropane

Concen: 40.562 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009176.D

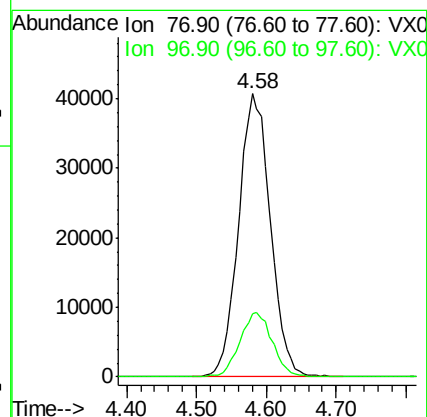
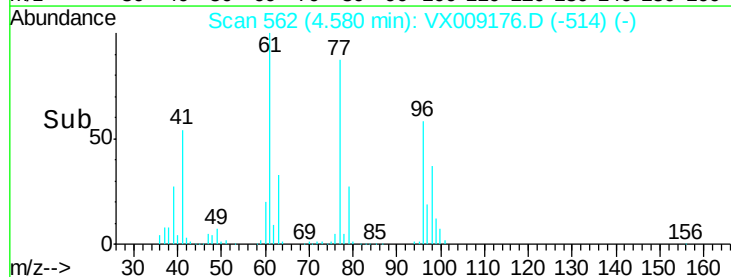
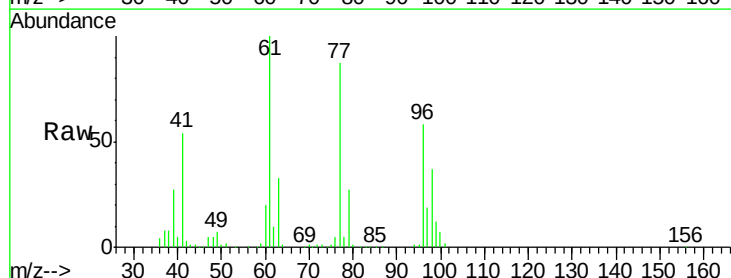
Acq: 25 Apr 2019 20:37

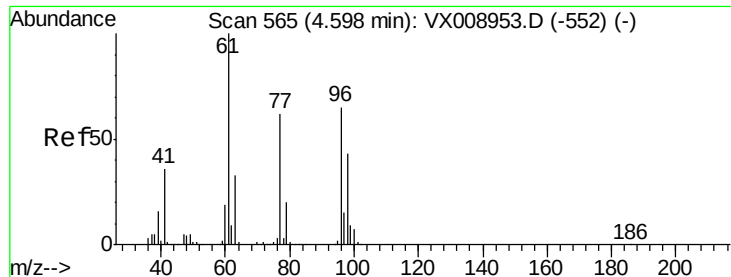
Tgt Ion: 77 Resp: 128083

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



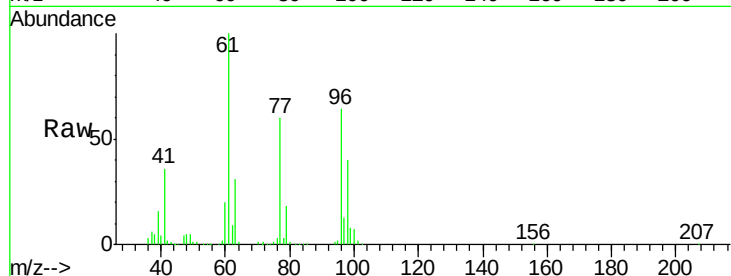


#27

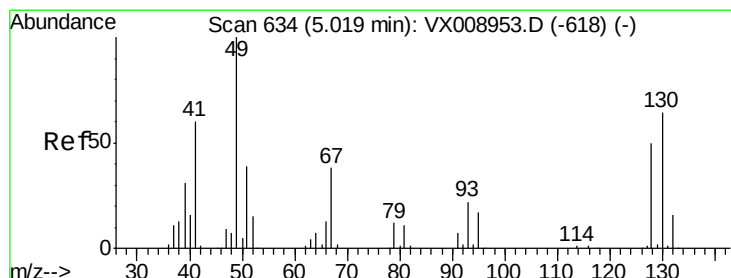
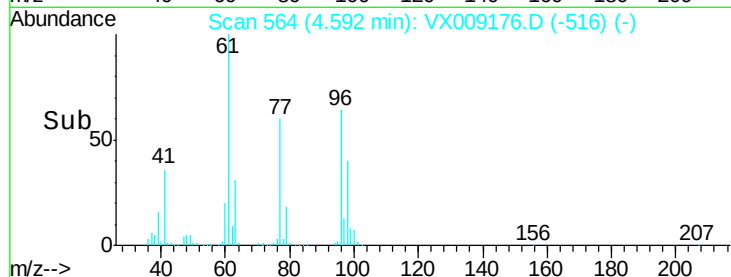
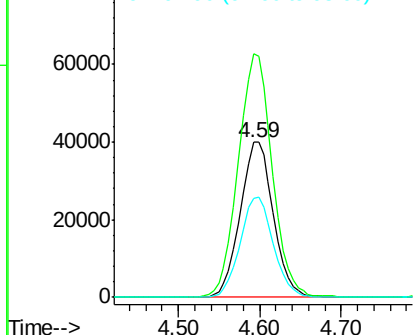
cis-1,2-Dichloroethene
Concen: 47.075 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	96	Resp	112848
Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	322.0
98	64.7	0.0	128.4



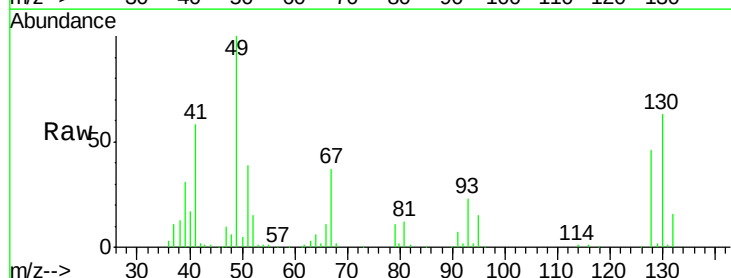
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



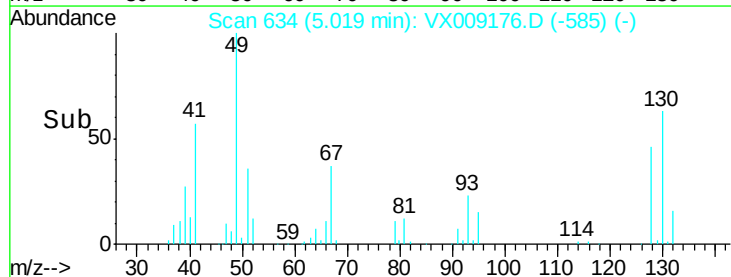
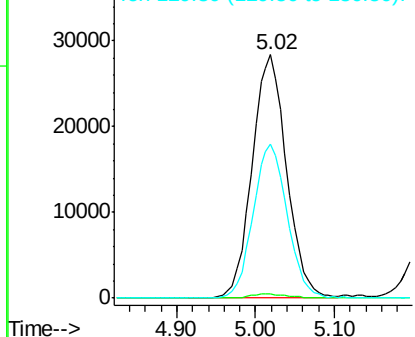
#28

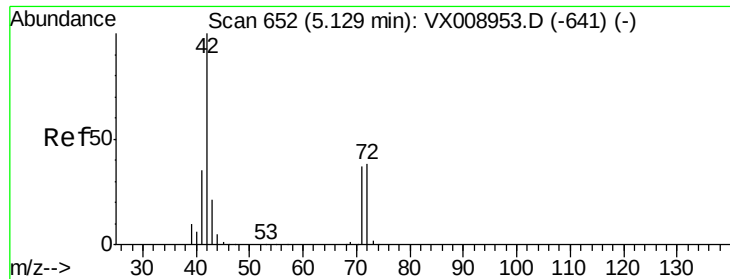
Bromochloromethane
Concen: 49.166 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion	49	Resp	86084
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	62.7	50.4	75.6



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





#29

Tetrahydrofuran

Concen: 265.228 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

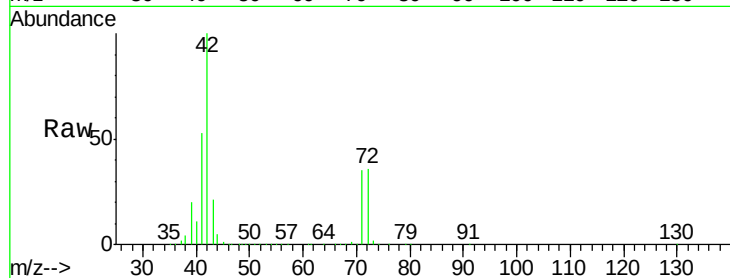
Tot Ion: 42 Resp: 382794

Ion Ratio Lower Upper

42 100

72 37.4 30.6 45.8

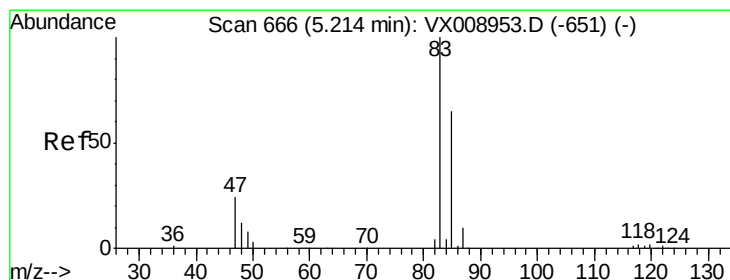
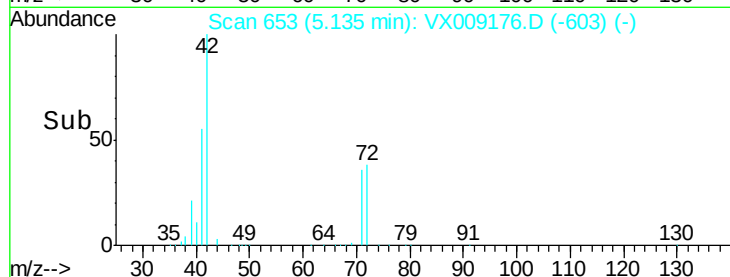
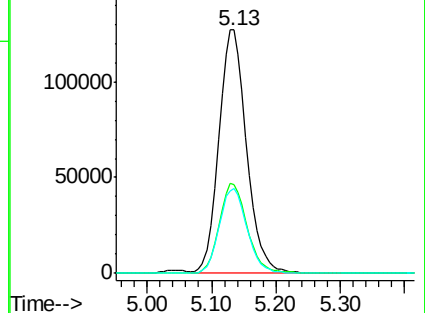
71 35.4 28.8 43.2



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: 49.370 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009176.D

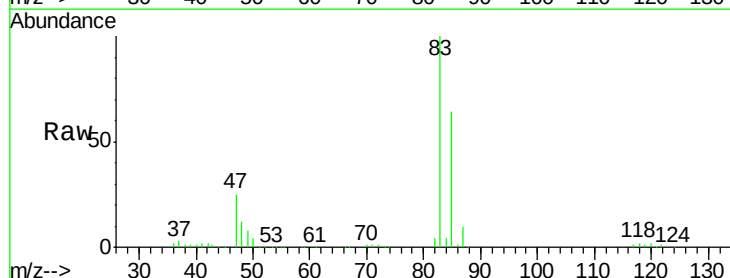
Acq: 25 Apr 2019 20:37

Tgt Ion: 83 Resp: 186108

Ion Ratio Lower Upper

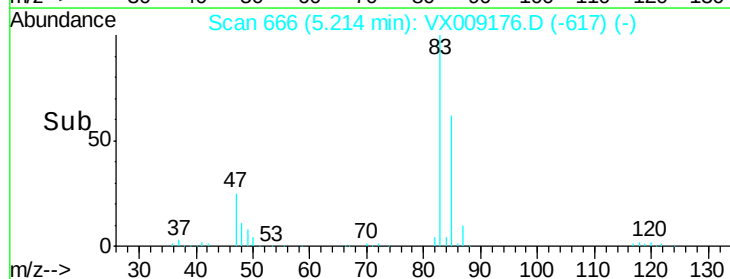
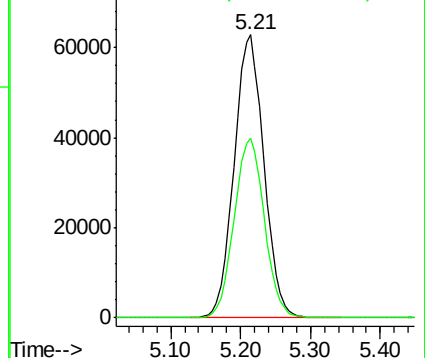
83 100

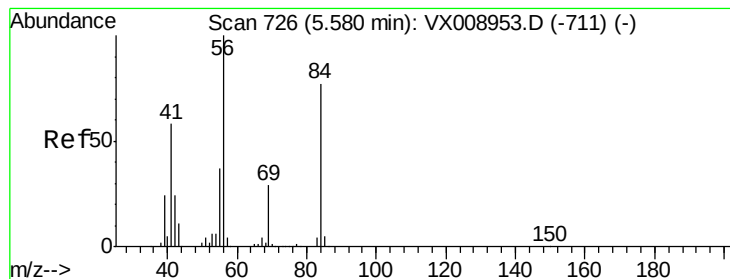
85 63.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.295 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

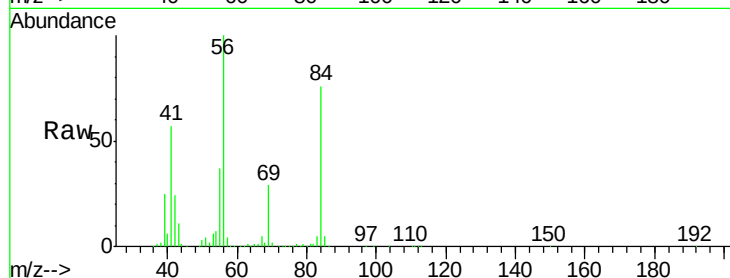
Tot Ion: 56 Resp: 195957

Ion Ratio Lower Upper

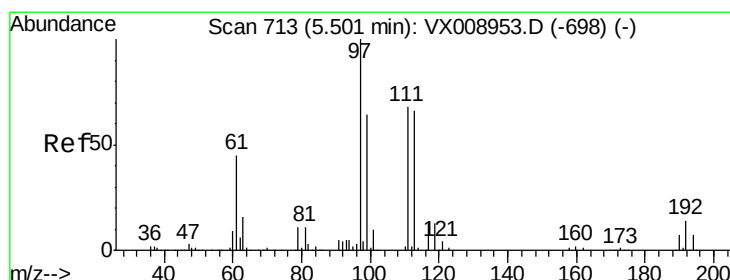
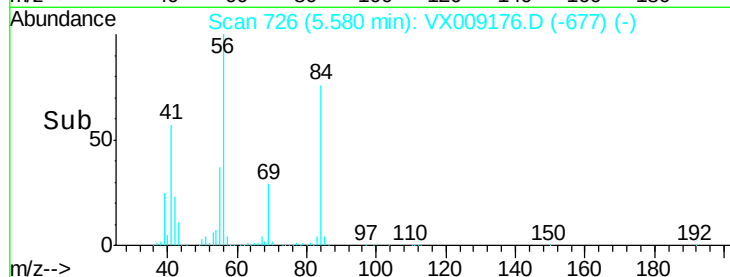
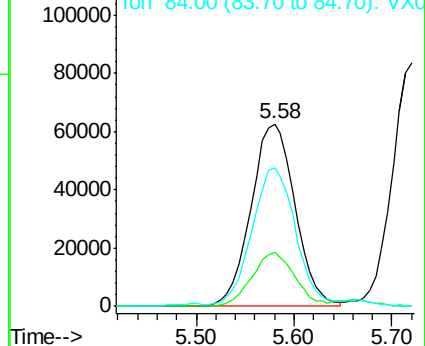
56 100

69 29.4 23.3 34.9

84 74.9 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 49.355 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

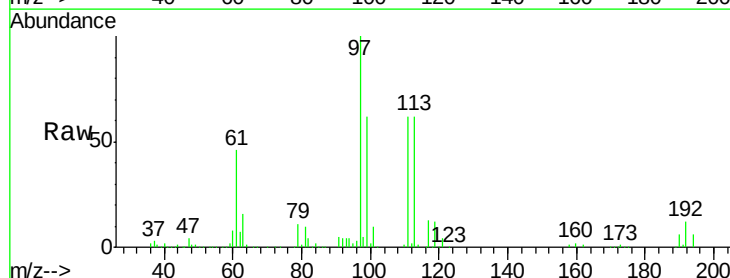
Tgt Ion: 97 Resp: 154200

Ion Ratio Lower Upper

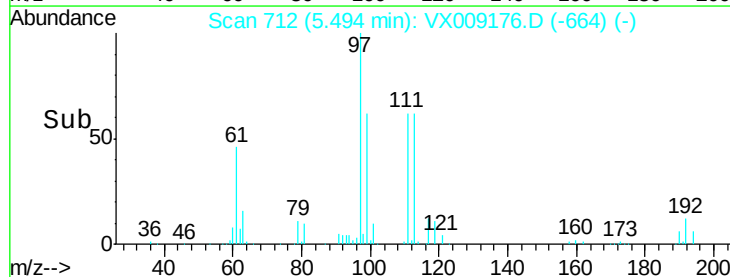
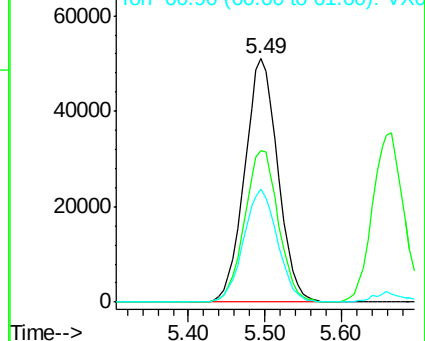
97 100

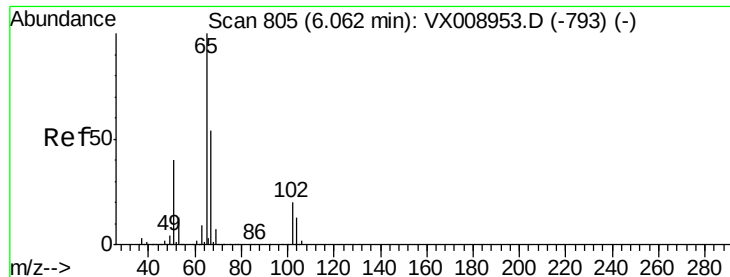
99 63.2 51.6 77.4

61 47.1 37.9 56.9



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: 47.639 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

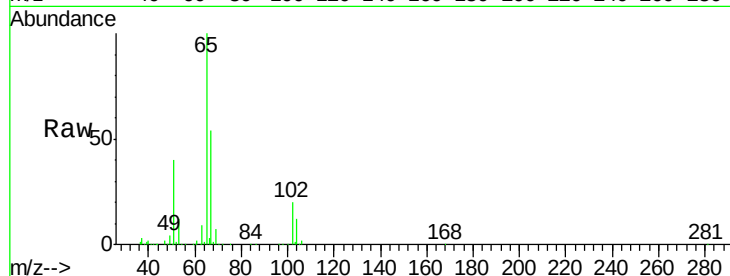
ClientSampled :

Tot Ion: 65 Resp: 123926

Ion Ratio Lower Upper

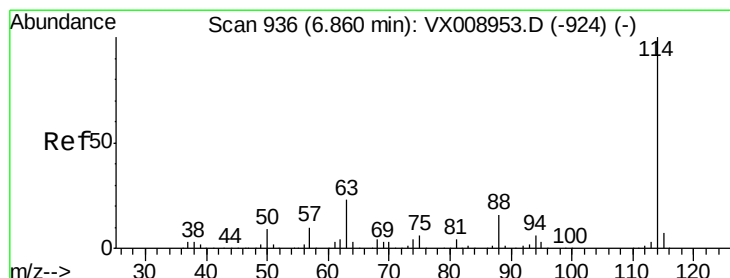
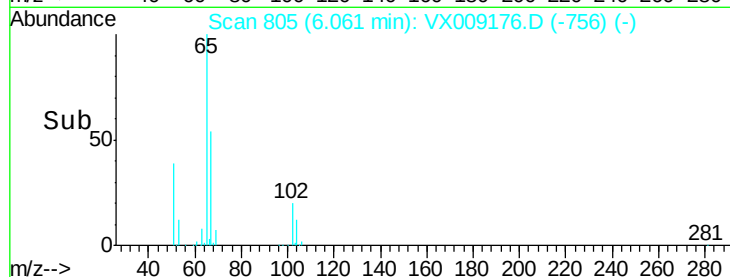
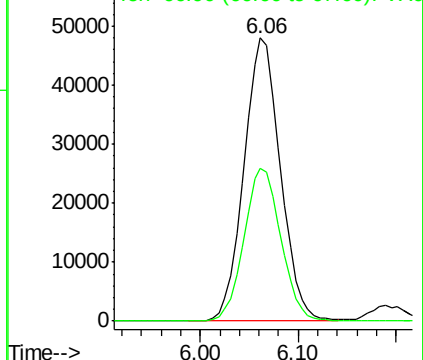
65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

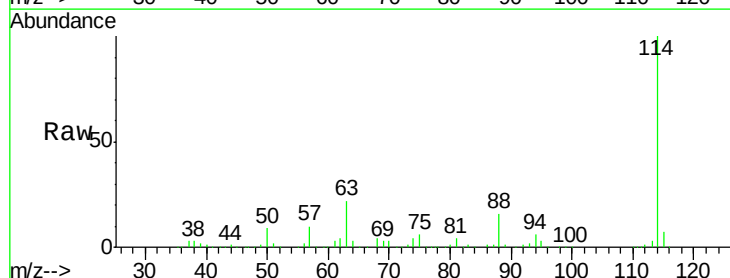
Tgt Ion: 114 Resp: 304613

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

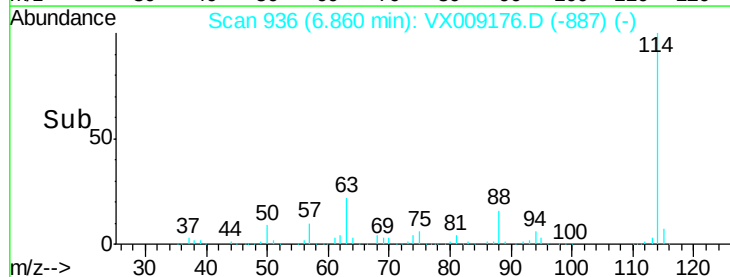
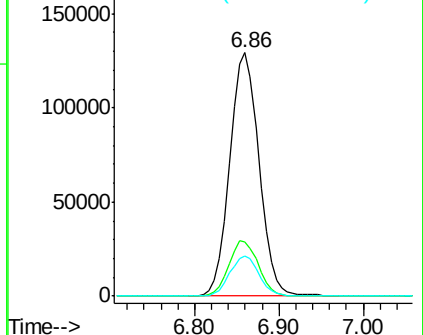
88 16.5 0.0 32.6

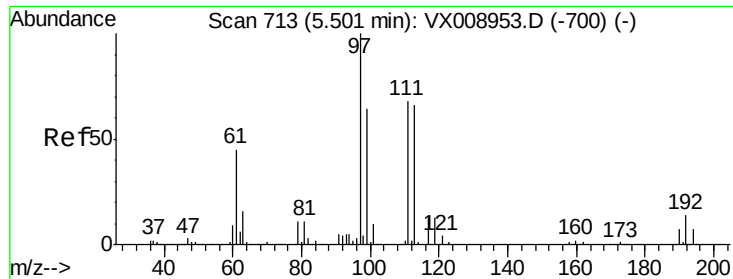


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

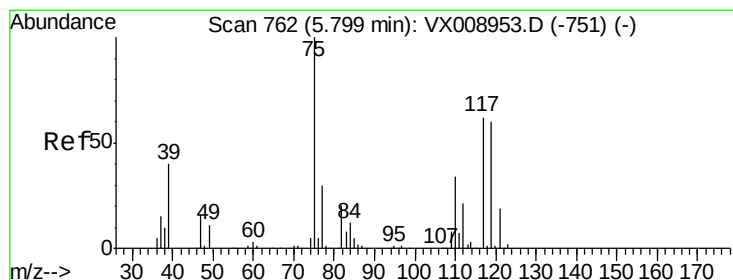
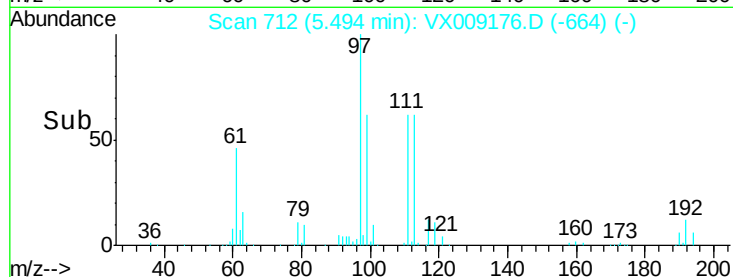
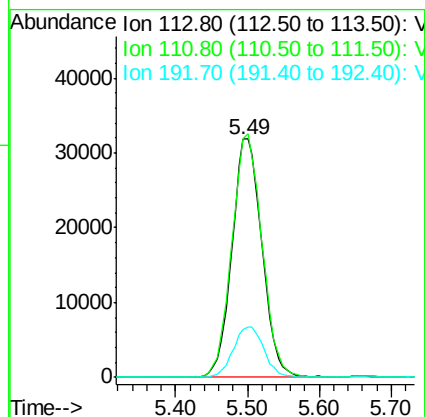
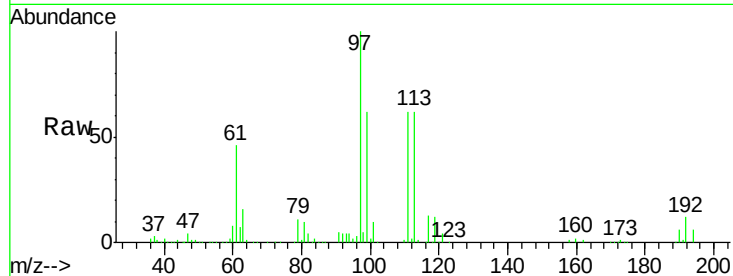




#35
 Dibromofluoromethane
 Concen: 47.295 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

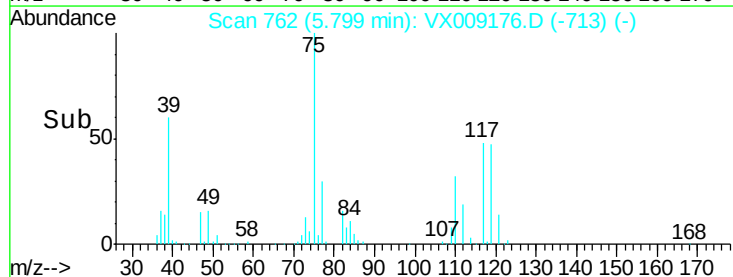
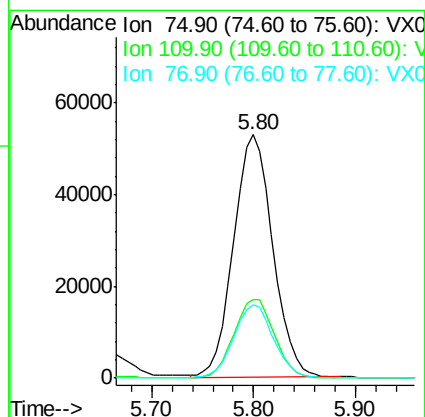
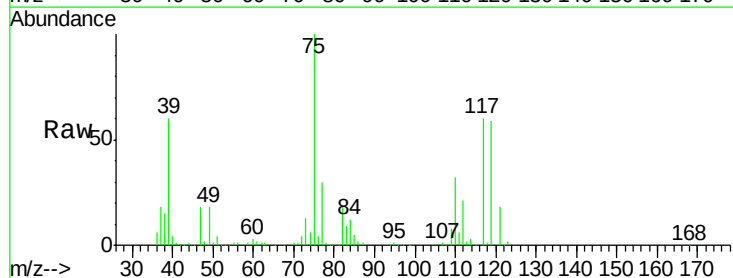
Instrument :
 MSVOA_X
 ClientSampleId :

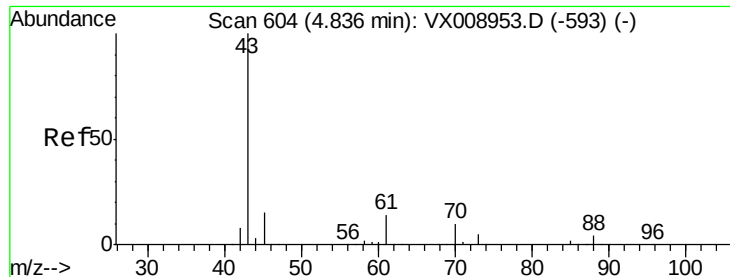
Tot Ion:113 Resp: 92459
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 21.5 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 44.769 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion: 75 Resp: 141038
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.7
 77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 52.454 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

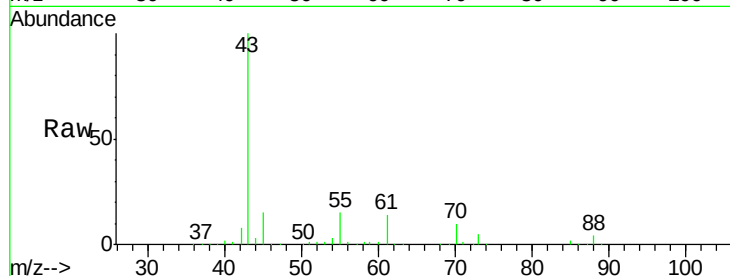
Tot Ion: 43 Resp: 212636

Ion Ratio Lower Upper

43 100

61 13.0 10.6 15.8

70 9.6 7.7 11.5

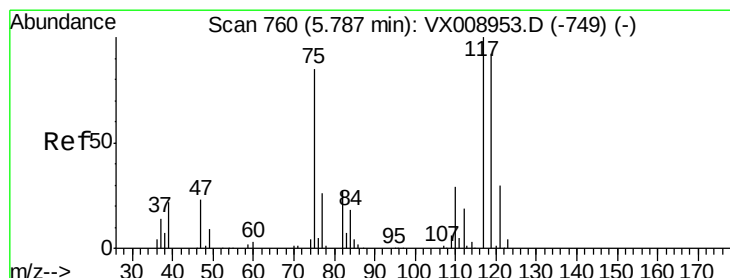
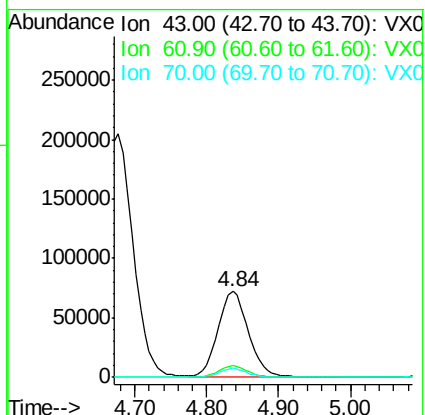
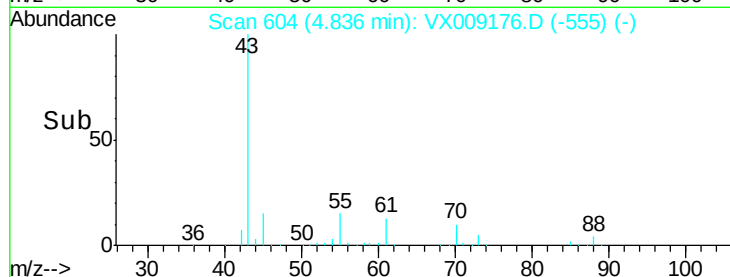


Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008953.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008953.D (-593) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 47.776 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

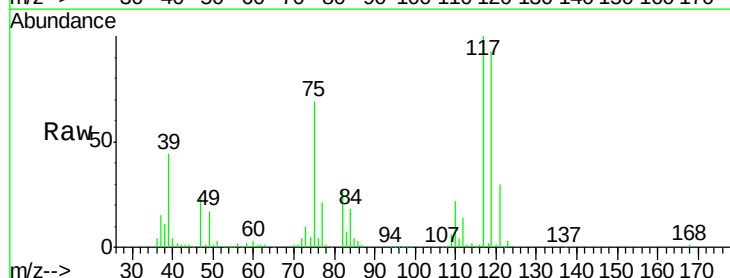
Tgt Ion: 117 Resp: 127599

Ion Ratio Lower Upper

117 100

119 92.6 73.8 110.8

121 30.0 23.6 35.4

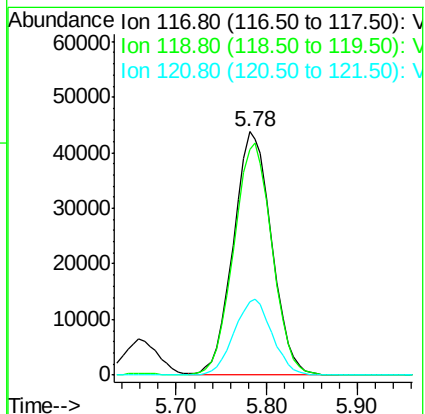
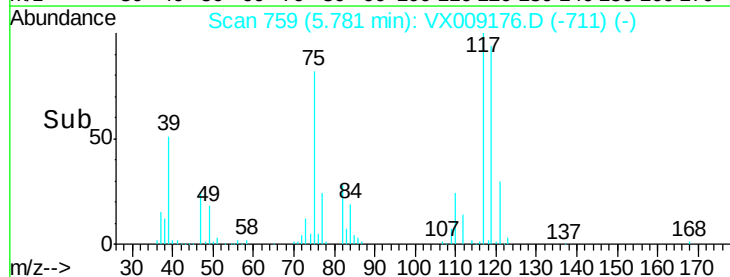


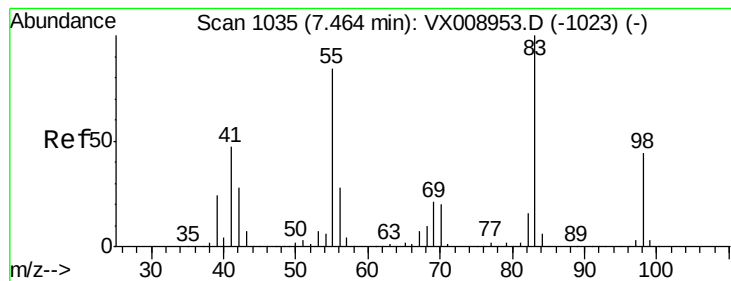
Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008953.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008953.D (-749) (-)

Time-->

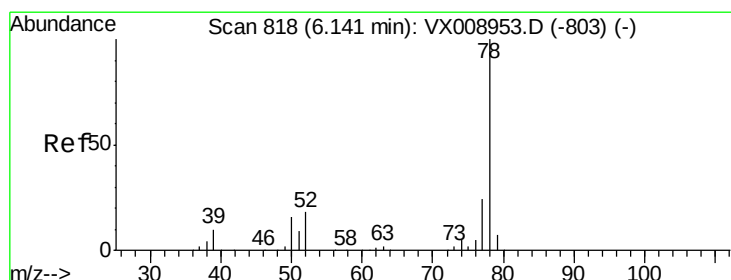
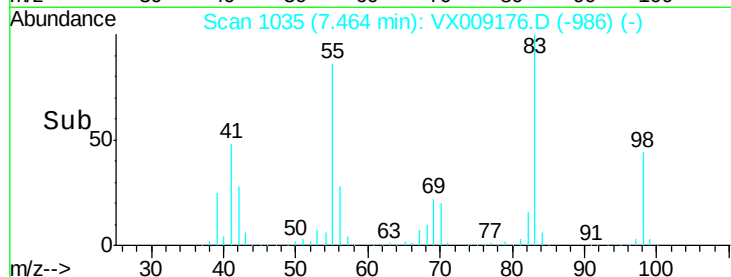
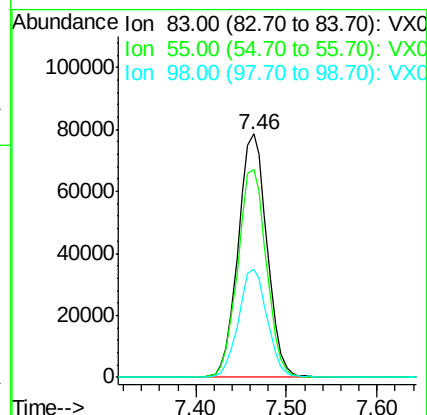
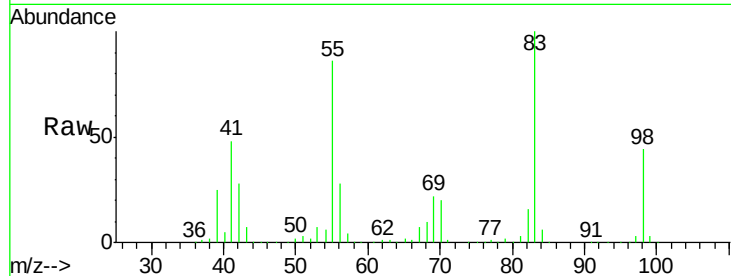




#39
Methylvlcyclohexane
Concen: 45.116 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

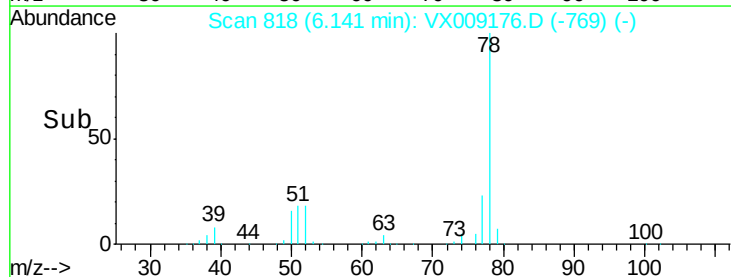
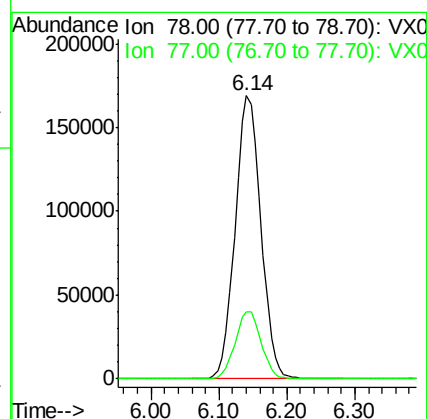
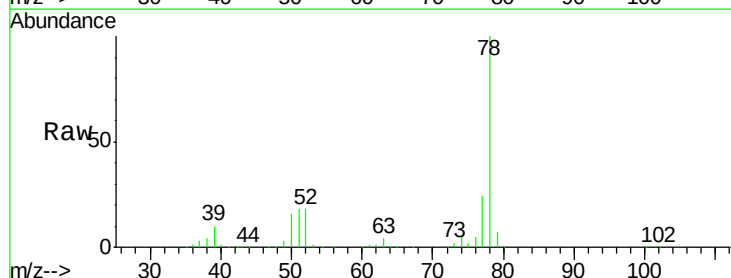
Instrument :
MSVOA_X
ClientSampled :

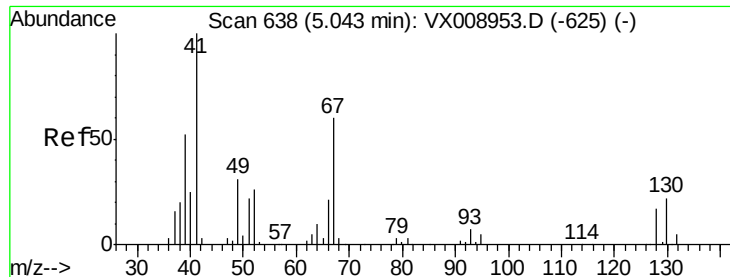
Tot Ion: 83 Resp: 173051
Ion Ratio Lower Upper
83 100
55 85.5 67.1 100.7
98 44.3 35.1 52.7



#40
Benzene
Concen: 47.699 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 78 Resp: 443301
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

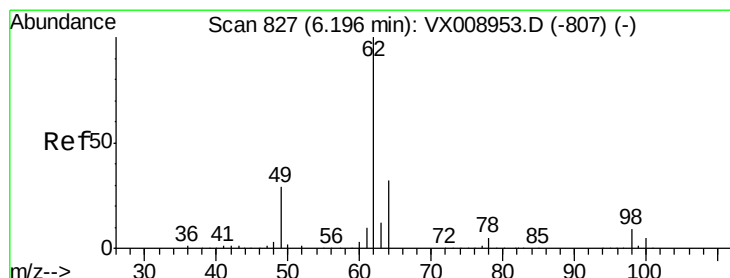
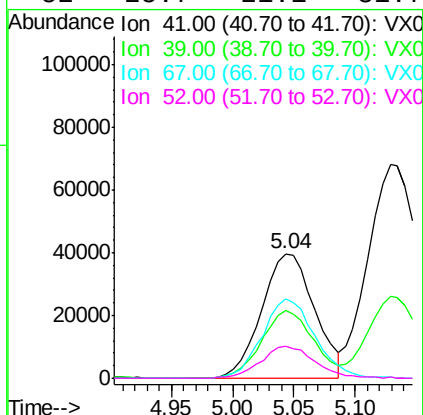
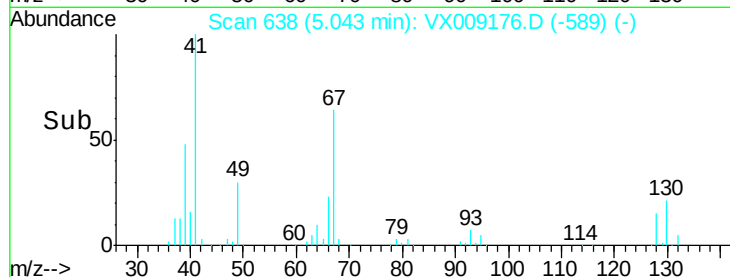
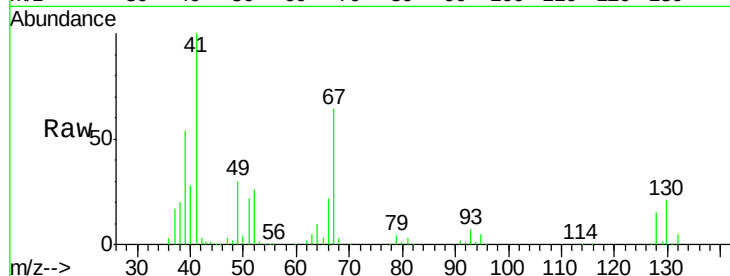




#41
Methacrylonitrile
Concen: 51.485 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

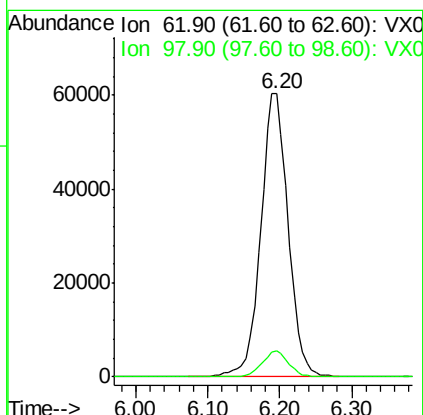
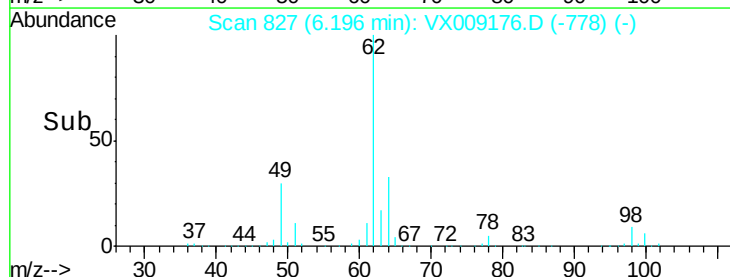
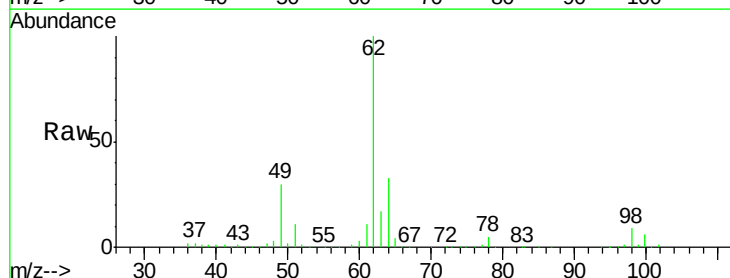
Instrument :
MSVOA_X
ClientSampled :

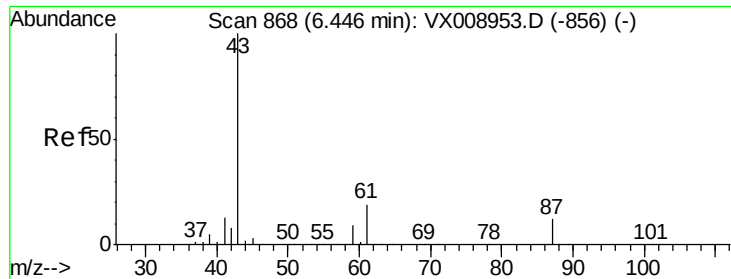
Tot Ion:	41	Resp:	119785
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.8	62.6
67	63.6	50.2	75.4
52	25.7	21.1	31.7



#42
1,2-Dichloroethane
Concen: 48.235 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion:	62	Resp:	158799
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4





#43

Isopropyl Acetate

Concen: 51.372 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

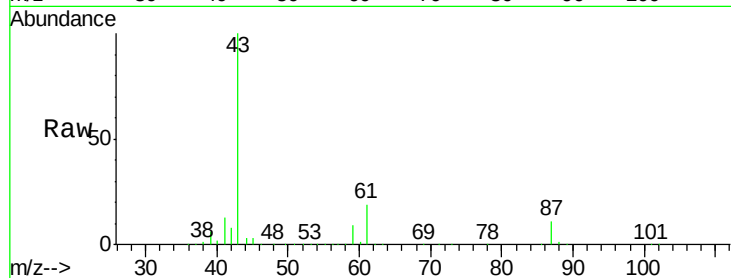
Tot Ion: 43 Resp: 335596

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.0

87 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-856) (-)

Ion 61.00 (60.70 to 61.70): VX008953.D (-856) (-)

Ion 87.00 (86.70 to 87.70): VX008953.D (-856) (-)

6.45

150000

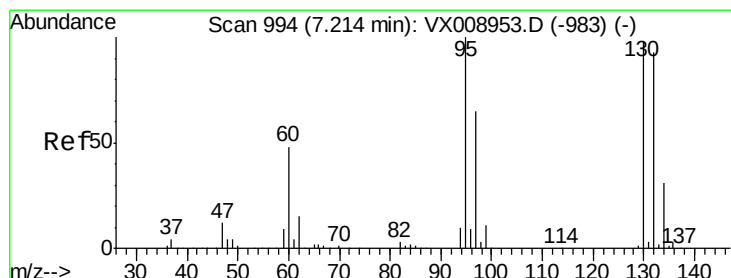
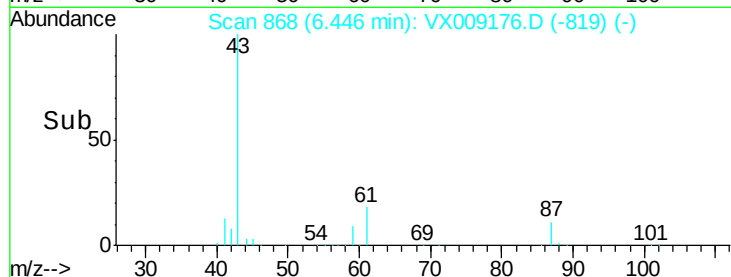
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 45.382 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009176.D

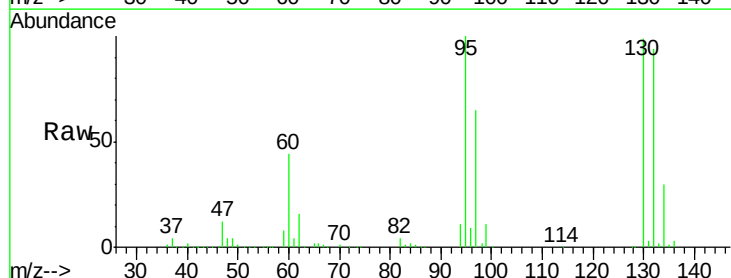
Acq: 25 Apr 2019 20:37

Tgt Ion:130 Resp: 103341

Ion Ratio Lower Upper

130 100

95 101.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VX008953.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX008953.D (-983) (-)

60000

50000

40000

30000

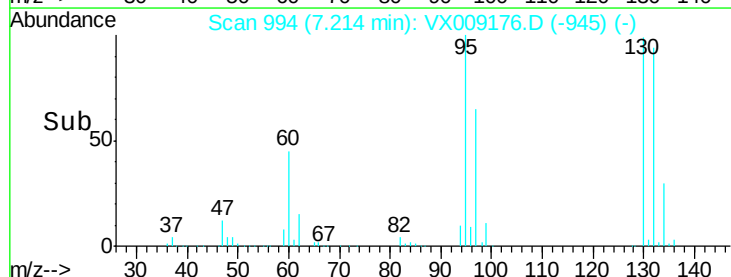
20000

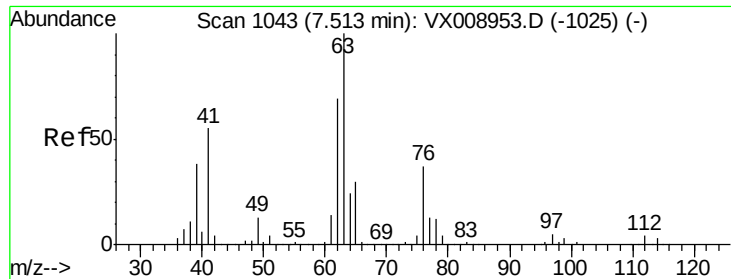
10000

0

7.10 7.20 7.30 7.40

Time-->

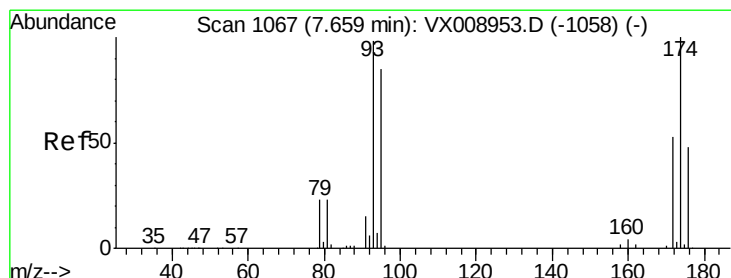
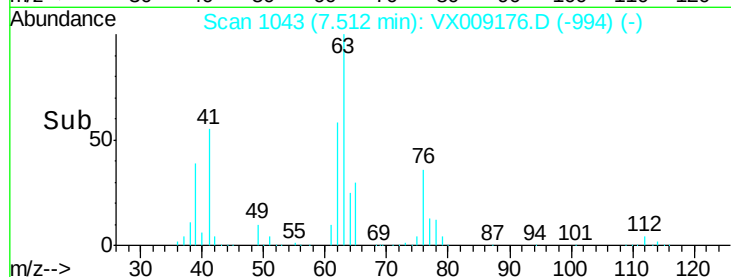
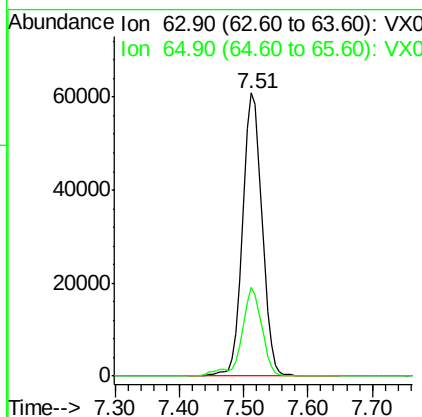
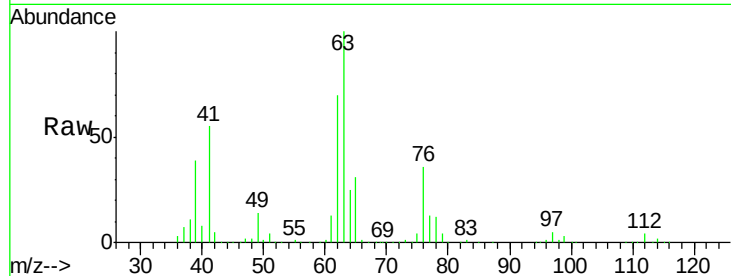




#45
 1,2-Dichloropropane
 Concen: 49.184 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

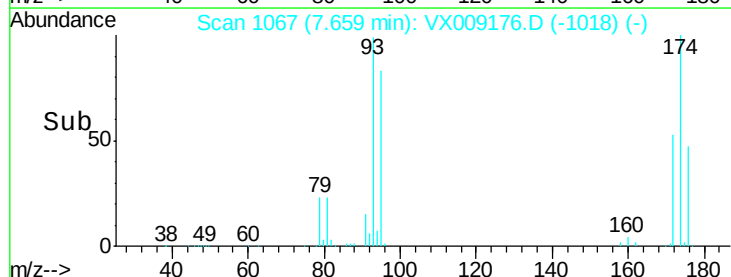
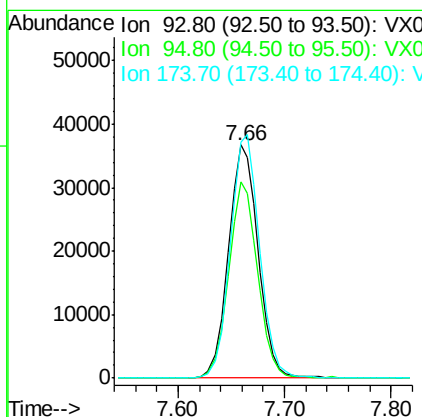
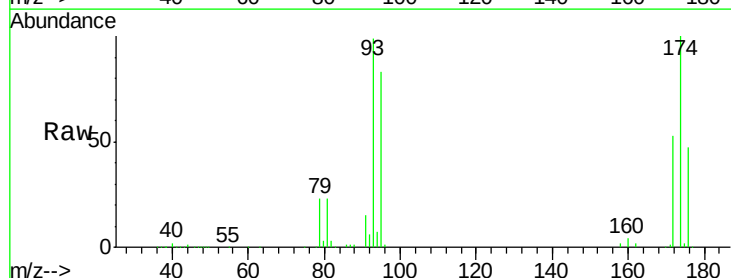
Instrument :
 MSVOA_X
 ClientSampleId :

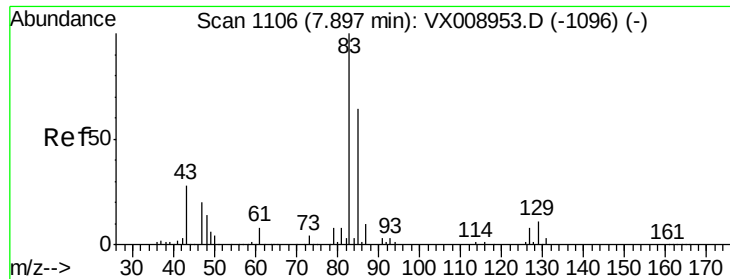
Tot Ion: 63 Resp: 126813
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.1 36.1



#46
 Dibromomethane
 Concen: 47.596 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion: 93 Resp: 71419
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 103.4 81.6 122.4





#47

Bromodichloromethane

Concen: 48.593 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

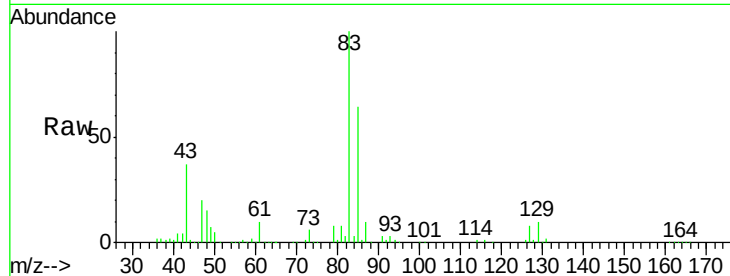
Tot Ion: 83 Resp: 143013

Ion Ratio Lower Upper

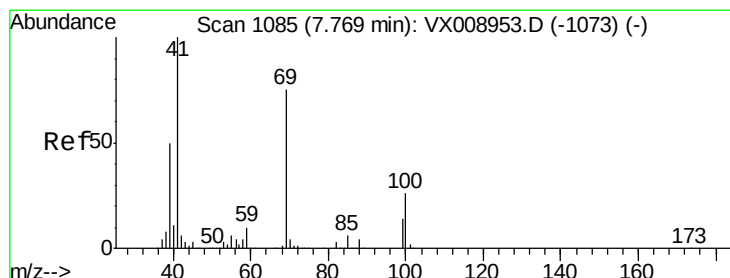
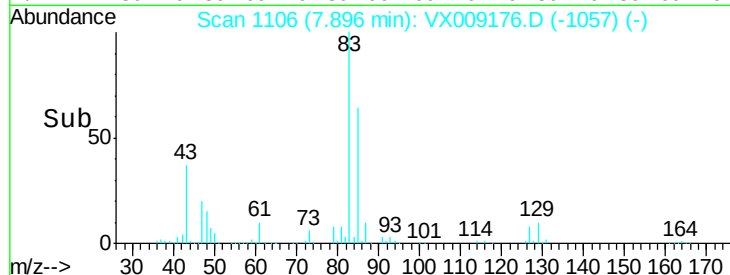
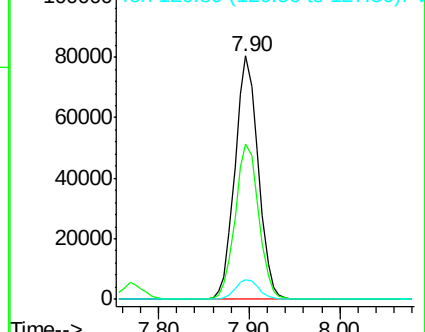
83 100

85 63.6 50.8 76.2

127 8.1 6.4 9.6



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



#48

Methyl methacrylate

Concen: 52.547 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

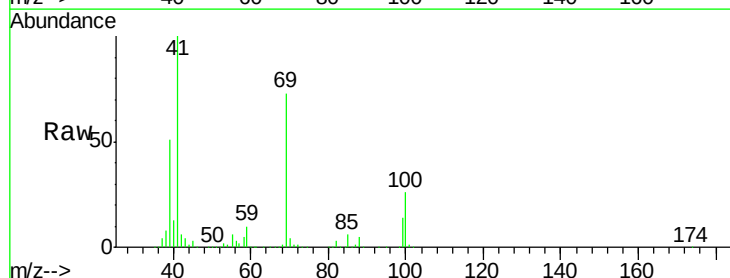
Tgt Ion: 41 Resp: 169616

Ion Ratio Lower Upper

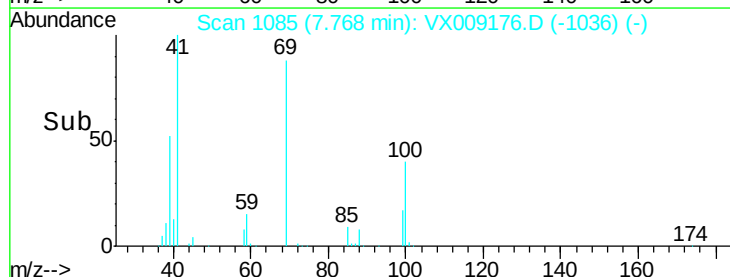
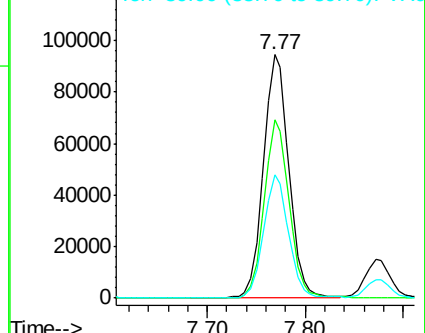
41 100

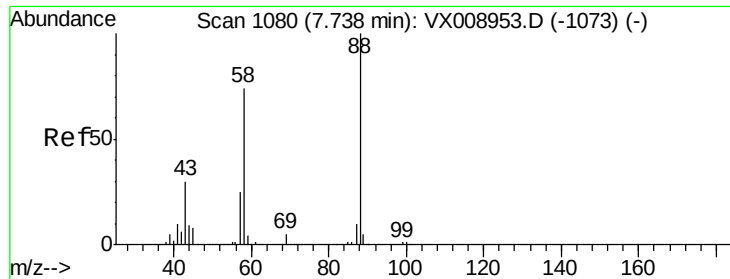
69 72.4 59.4 89.2

39 49.7 39.8 59.6



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

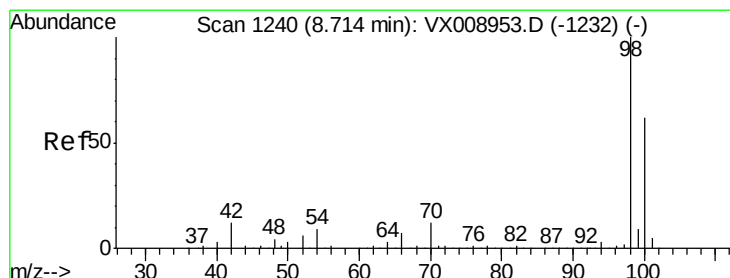
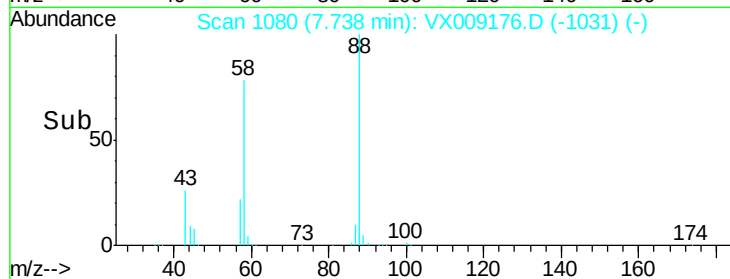
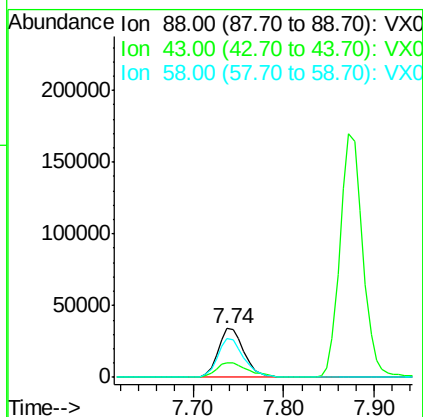
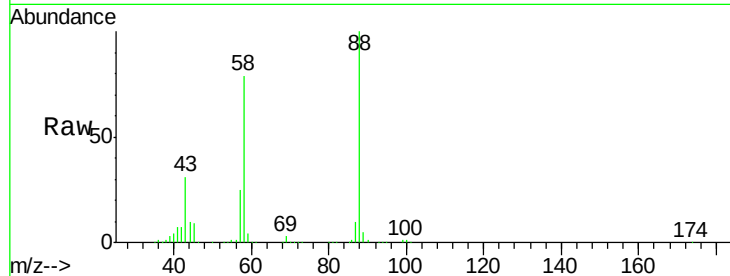




#49
1,4-Dioxane
Concen: 1130.550 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

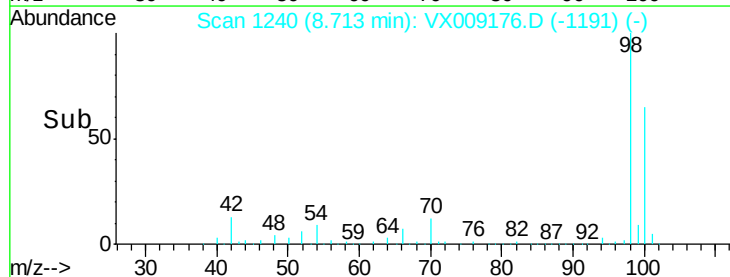
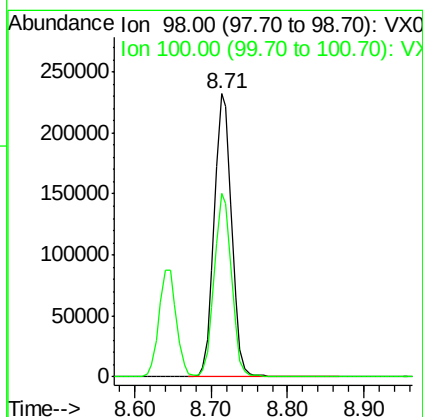
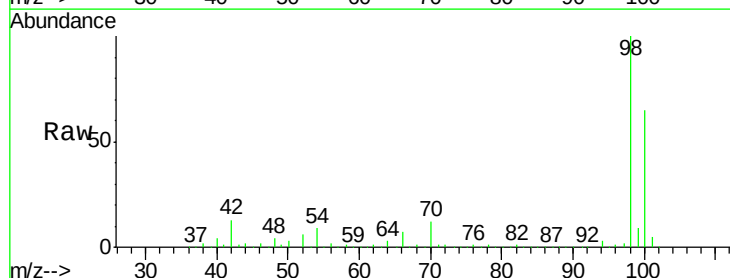
Instrument :
MSVOA_X
ClientSampleId :

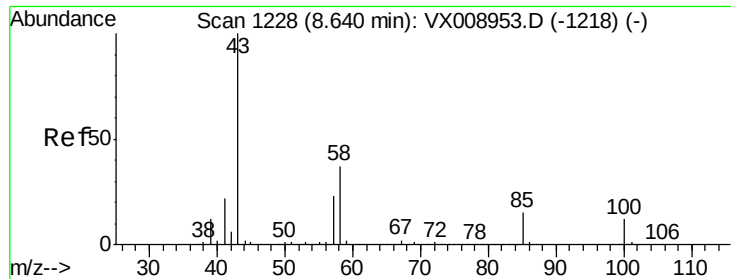
Tot Ion: 88 Resp: 68303
Ion Ratio Lower Upper
88 100
43 36.1 29.3 43.9
58 80.0 62.6 93.8



#50
Toluene-d8
Concen: 46.916 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 98 Resp: 365779
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 273.970 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

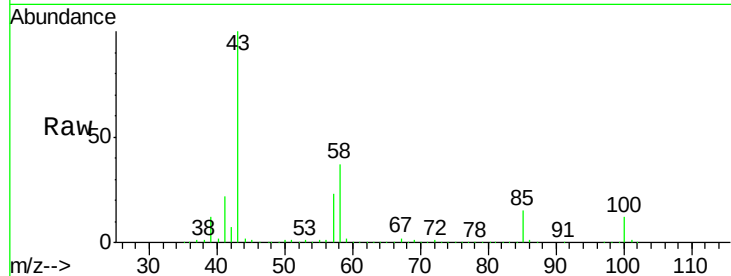
ClientSampleId :

Tot Ion: 43 Resp: 1140216

Ion Ratio Lower Upper

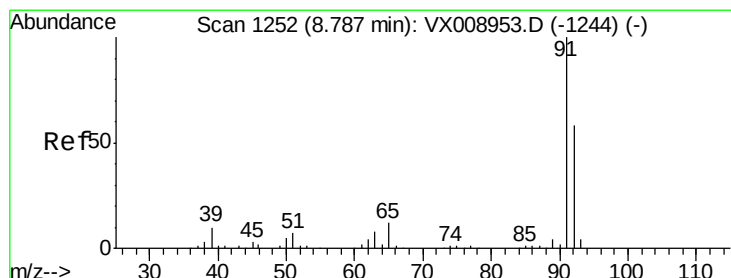
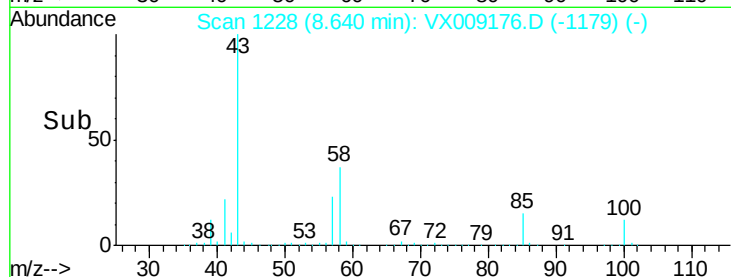
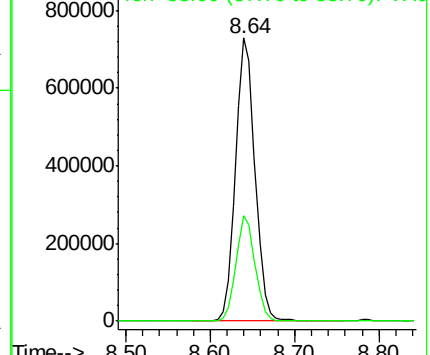
43 100

58 36.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.027 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009176.D

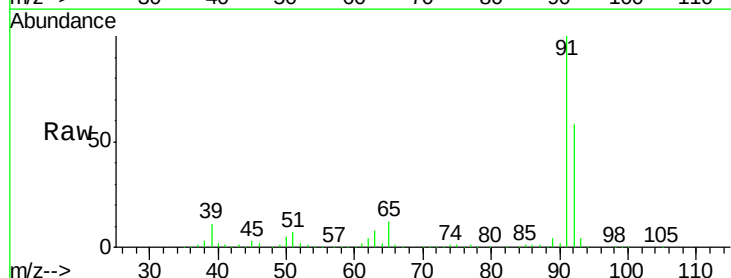
Acq: 25 Apr 2019 20:37

Tgt Ion: 92 Resp: 267507

Ion Ratio Lower Upper

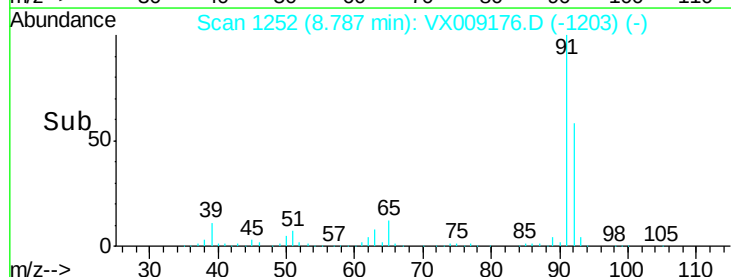
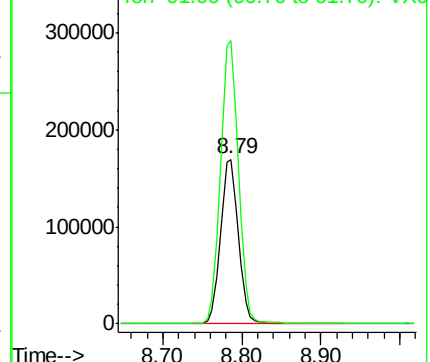
92 100

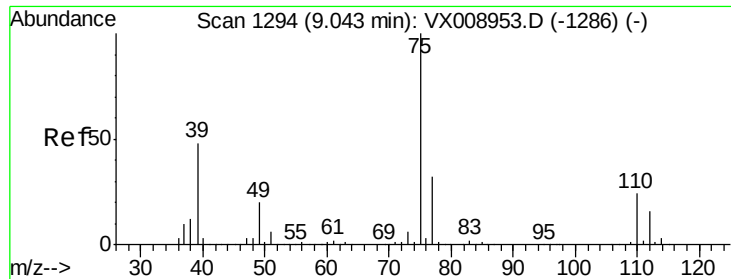
91 174.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

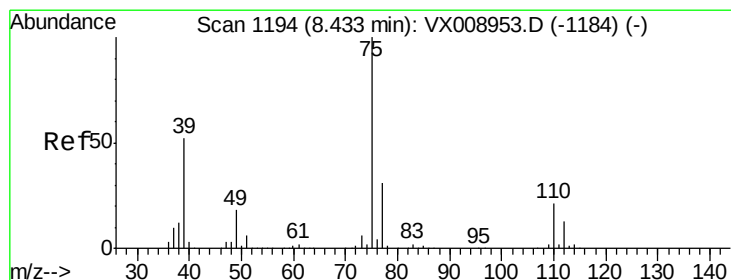
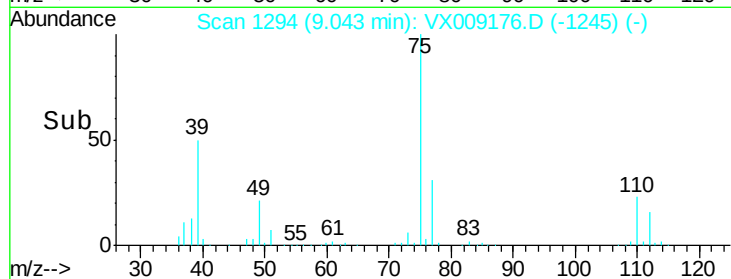
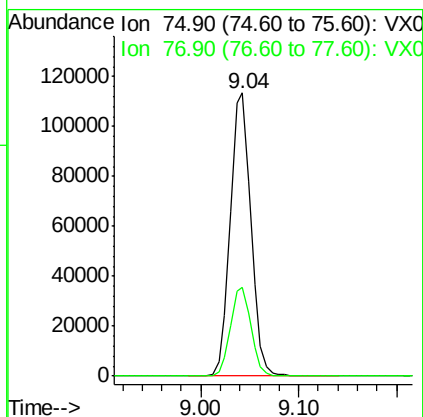
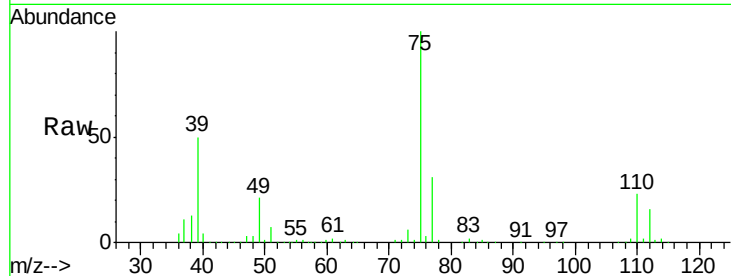




#53
 t-1,3-Dichloropropene
 Concen: 49.051 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

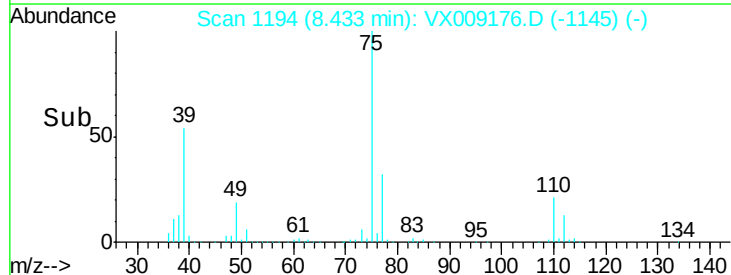
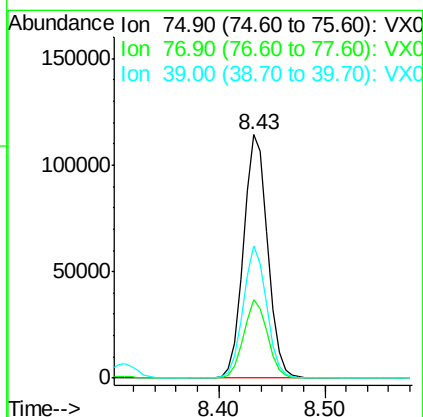
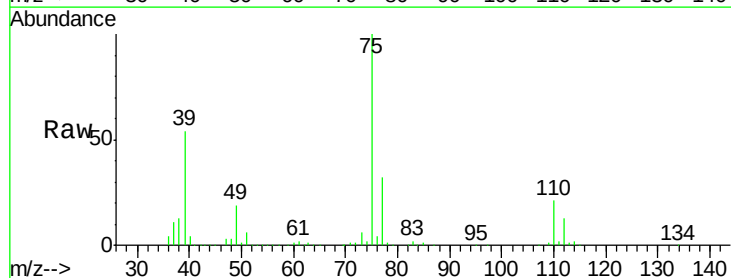
Instrument :
 MSVOA_X
 ClientSampleId :

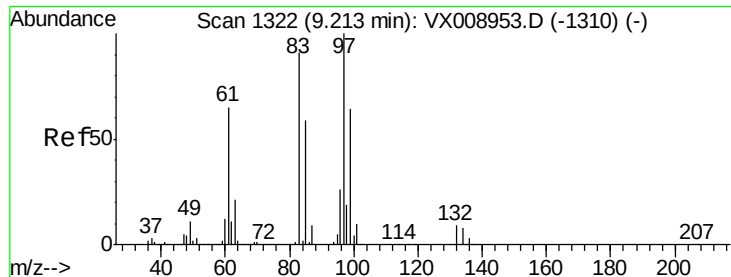
Tot Ion: 75 Resp: 166140
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.975 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion: 75 Resp: 181948
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.8 37.2
 39 54.3 41.8 62.6

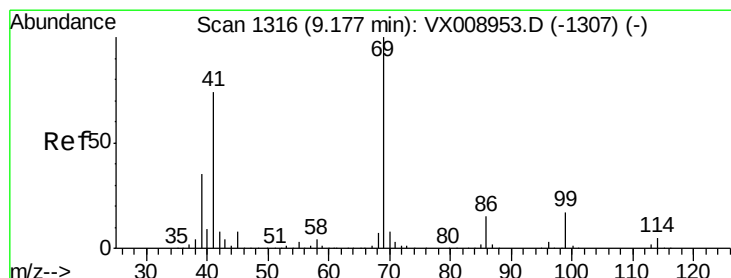
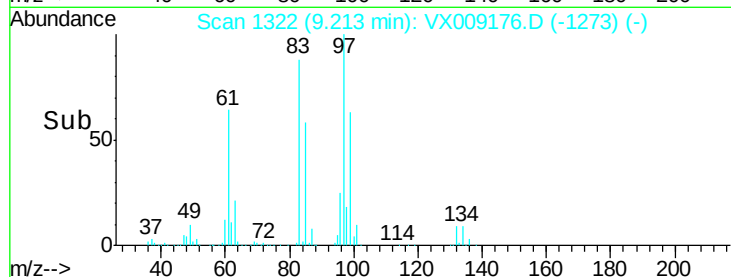
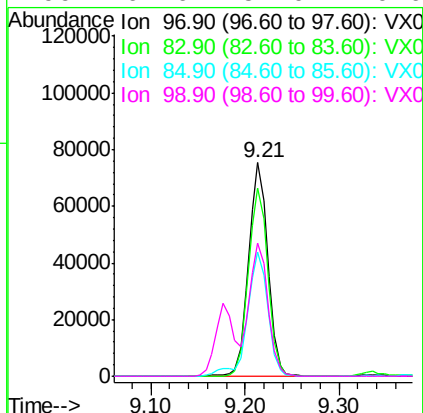
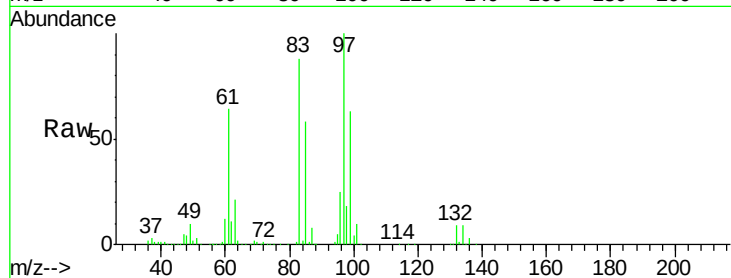




#55
 1,1,2-Trichloroethane
 Concen: 49.212 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

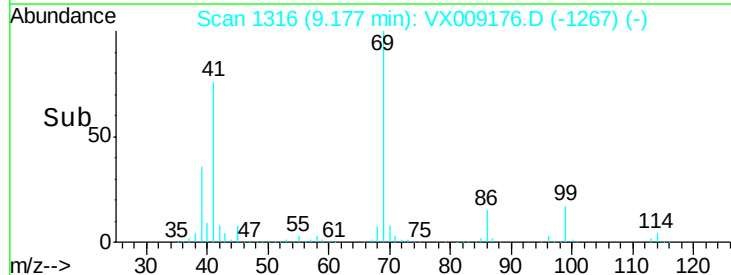
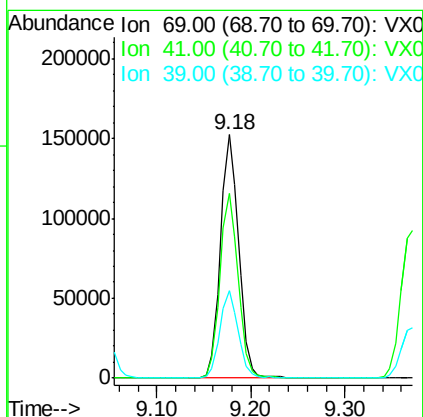
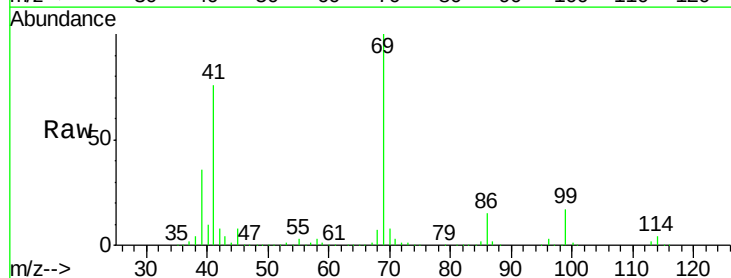
Instrument :
 MSVOA_X
 ClientSampled :

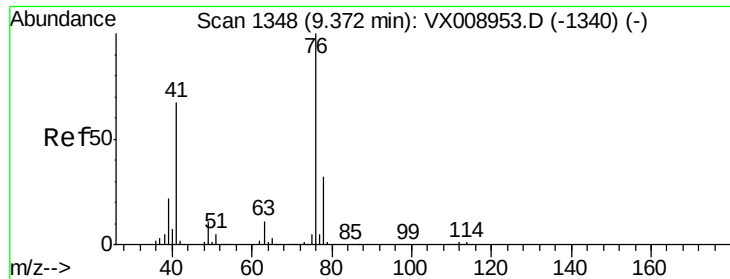
Tot Ion:	97	Resp:	108637
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.6	108.8
85	58.4	46.9	70.3
99	62.6	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 51.917 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion:	69	Resp:	205503
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.2	90.2
39	35.6	27.9	41.9

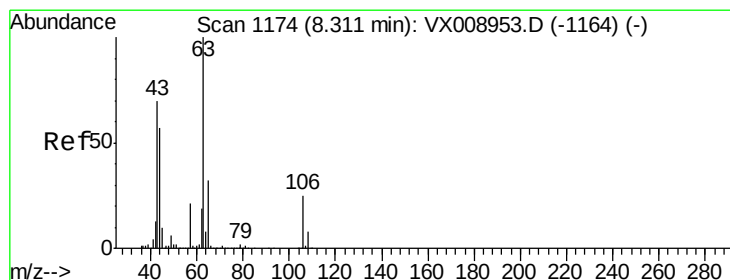
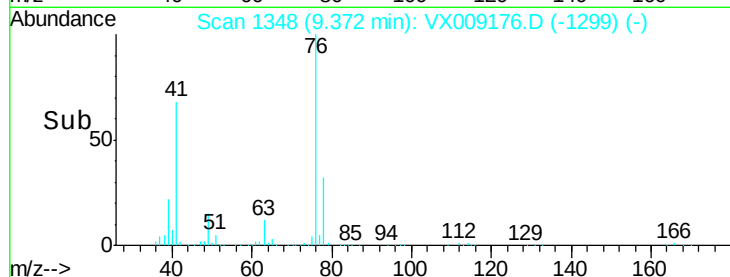
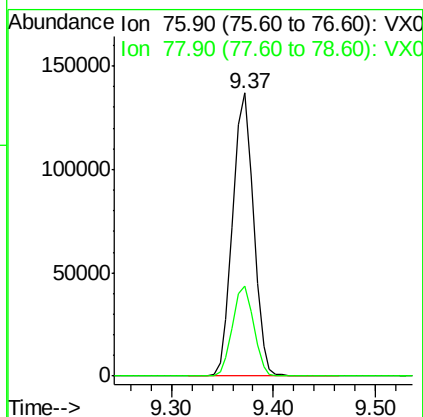
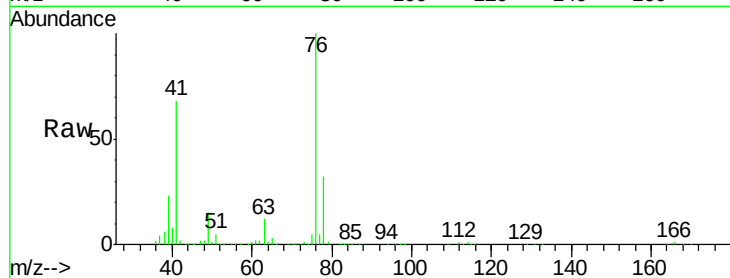




#57
 1,3-Dichloropropane
 Concen: 49.231 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

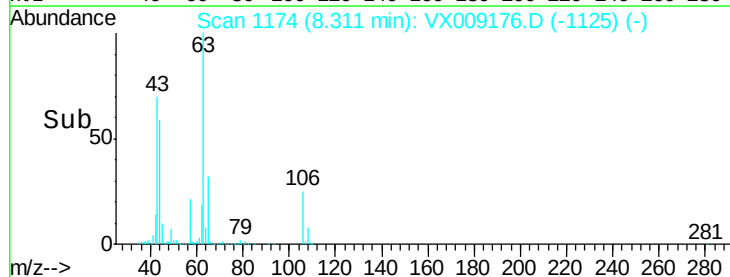
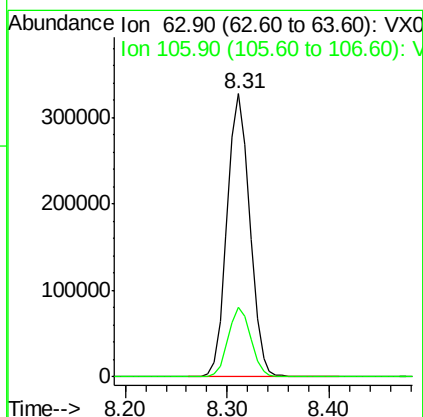
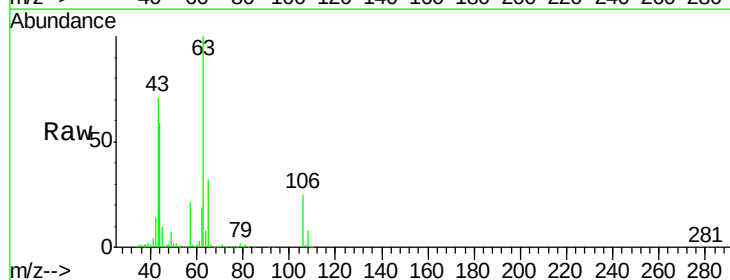
Instrument :
 MSVOA_X
 ClientSampled :

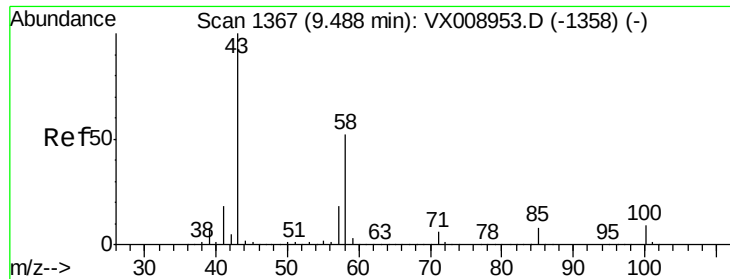
Tot Ion: 76 Resp: 193500
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.366 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion: 63 Resp: 503824
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.6

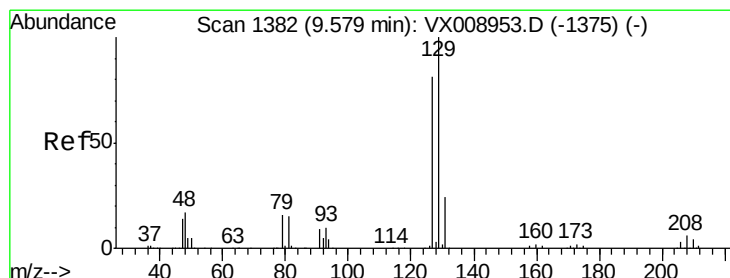
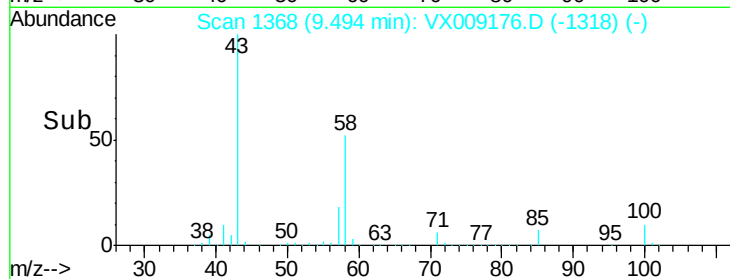
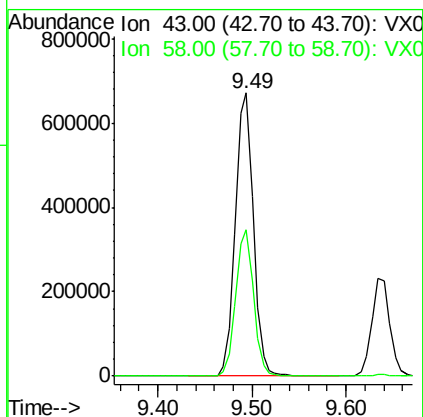
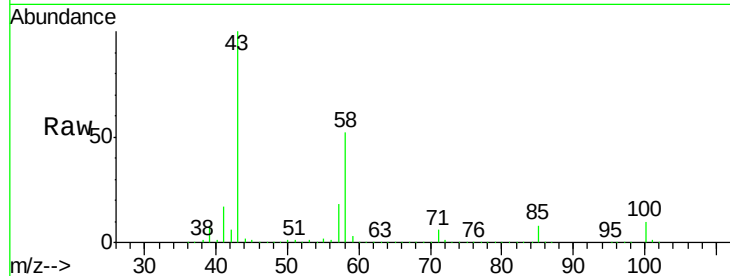




#59
2-Hexanone
Concen: 278.446 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

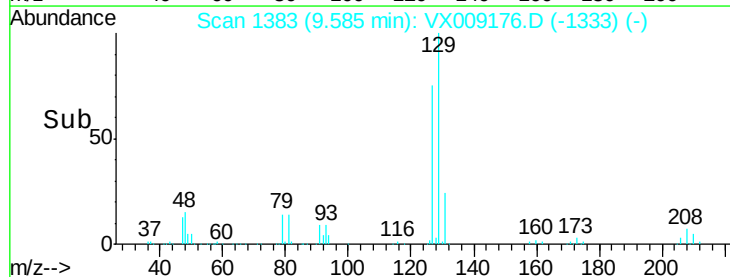
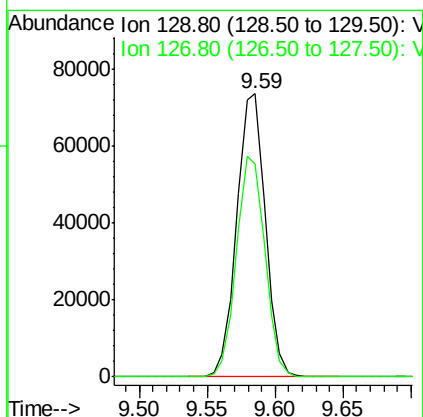
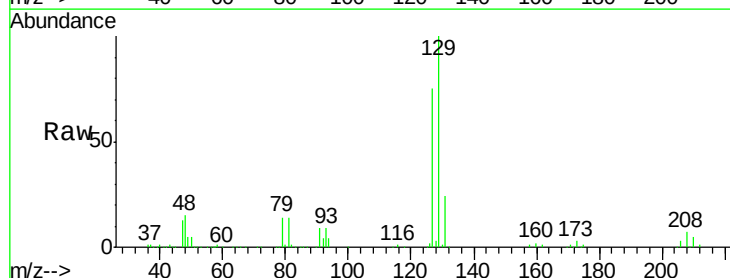
Instrument :
MSVOA_X
ClientSampleId :

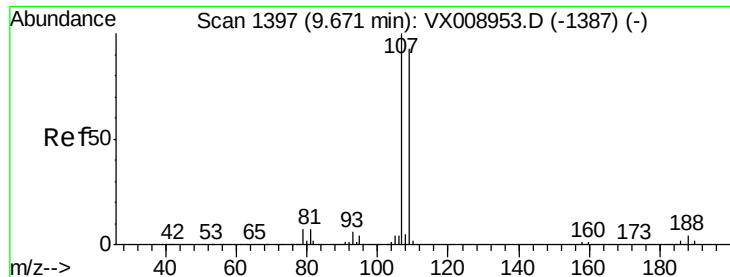
Tot Ion: 43 Resp: 893443
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 51.231 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 129 Resp: 108391
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.228 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

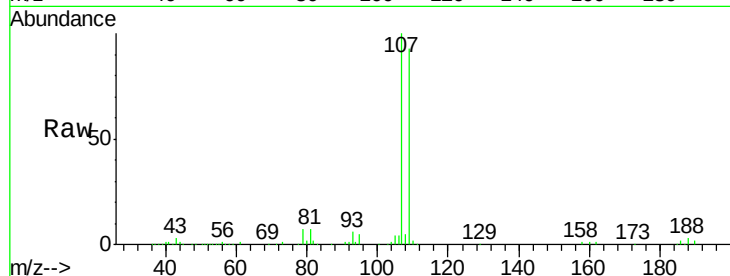
ClientSampleId :

Tot Ion:107 Resp: 112160

Ion Ratio Lower Upper

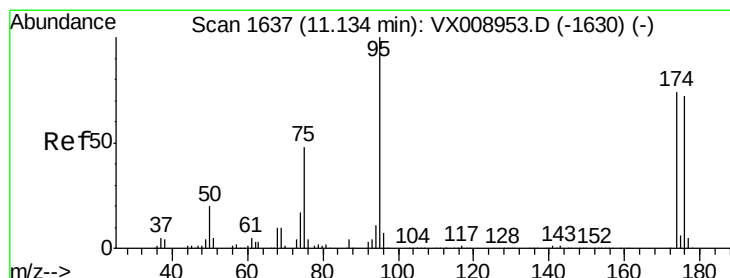
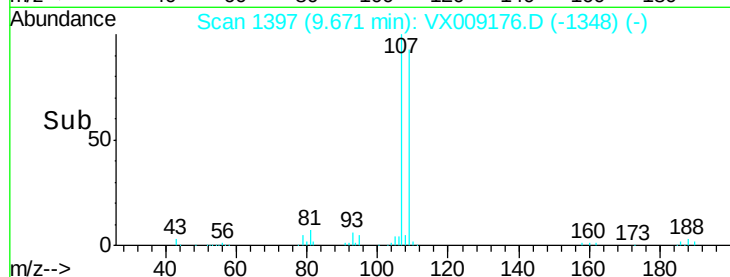
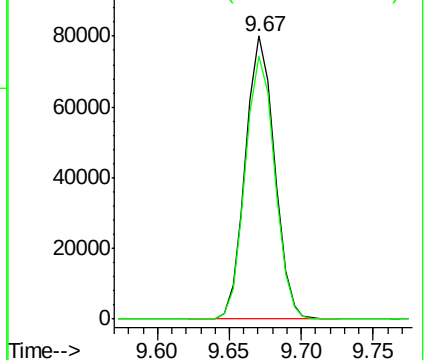
107 100

109 94.1 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.307 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

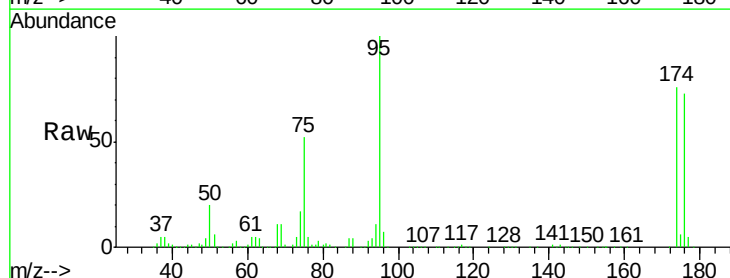
Tgt Ion: 95 Resp: 135699

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.6

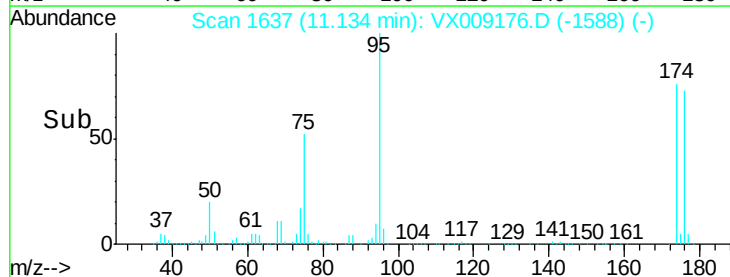
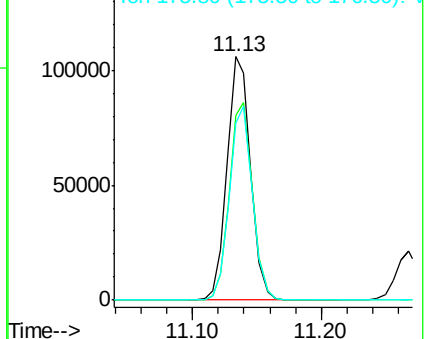
176 78.3 0.0 154.8

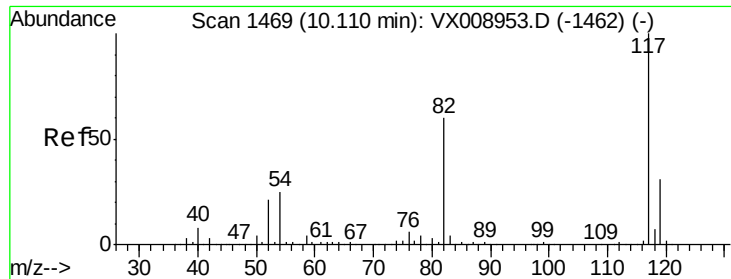


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

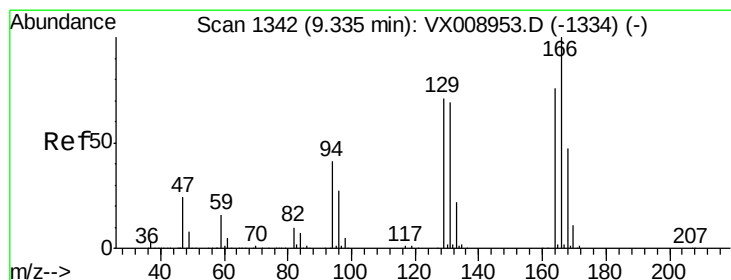
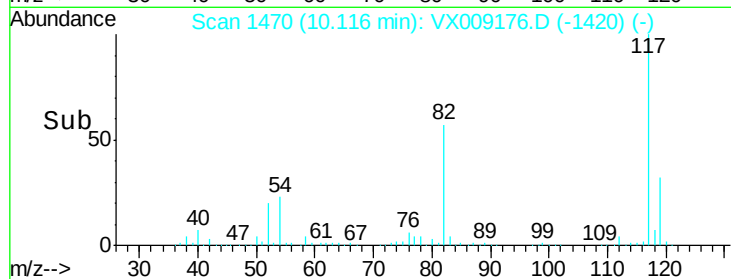
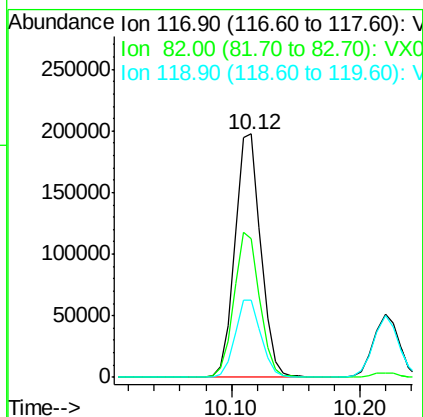
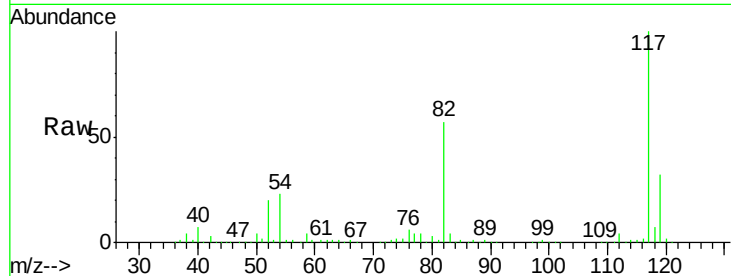




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

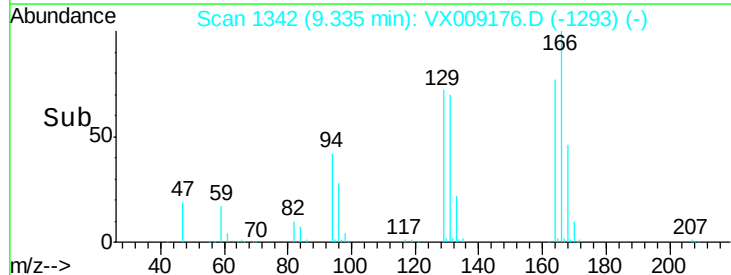
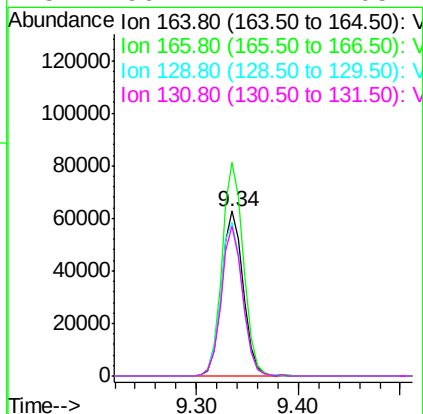
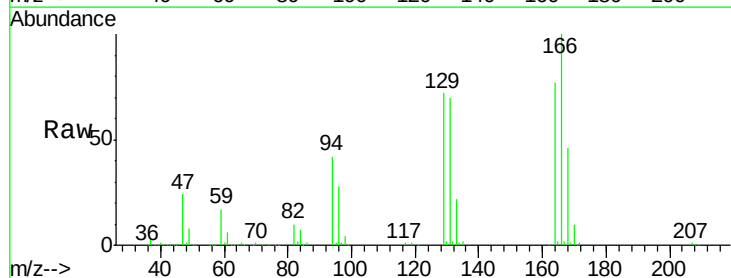
Instrument :
MSVOA_X
ClientSampled :

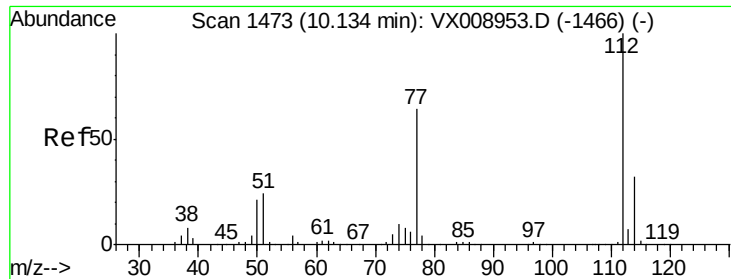
Tot Ion:117 Resp: 275960
Ion Ratio Lower Upper
117 100
82 57.1 48.2 72.4
119 31.8 25.0 37.6



#64
Tetrachloroethene
Concen: 43.810 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion:164 Resp: 91844
Ion Ratio Lower Upper
164 100
166 129.7 105.0 157.4
129 93.5 74.2 111.4
131 90.7 72.2 108.2

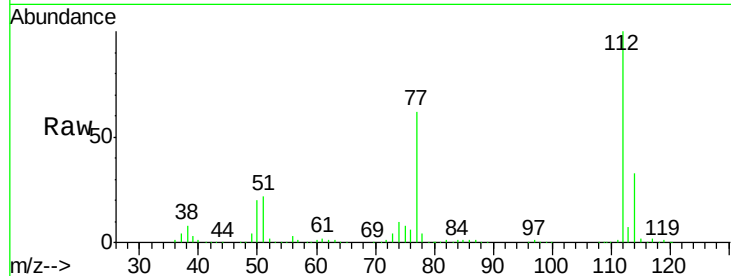




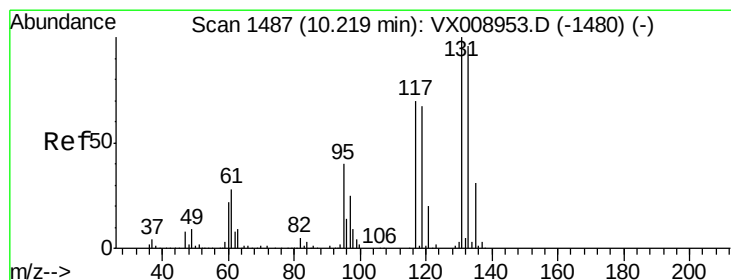
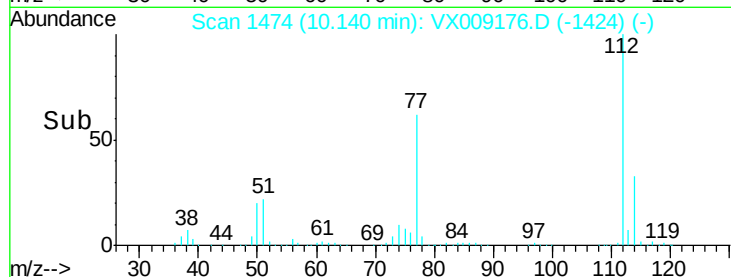
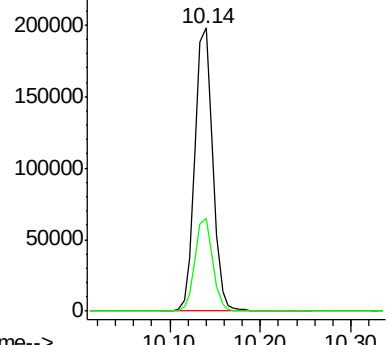
#65
Chlorobenzene
Concen: 46.901 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 273188
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

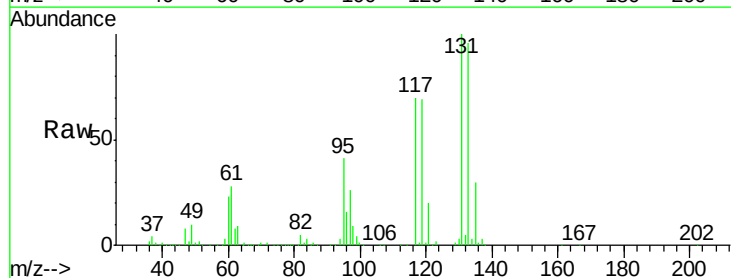


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

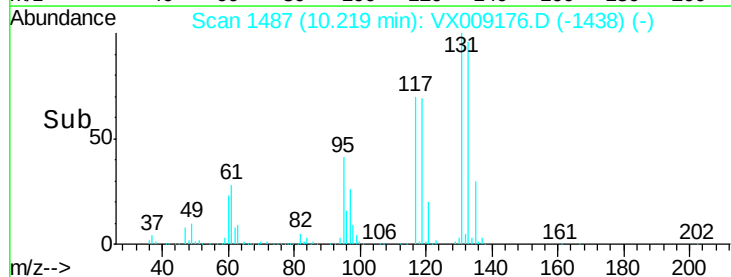
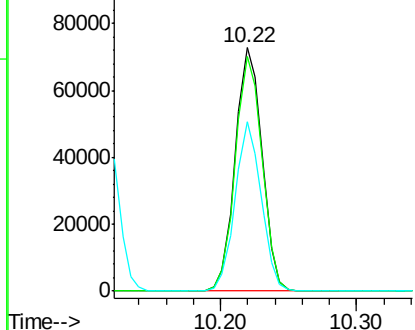


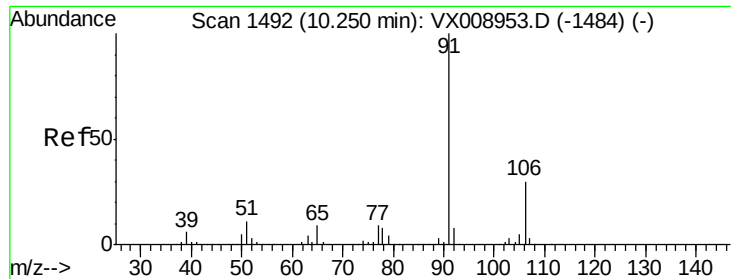
#66
1,1,1,2-Tetrachloroethane
Concen: 48.653 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion:131 Resp: 99836
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.2
119 67.8 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

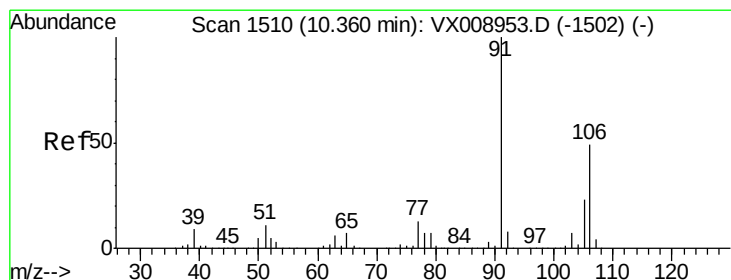
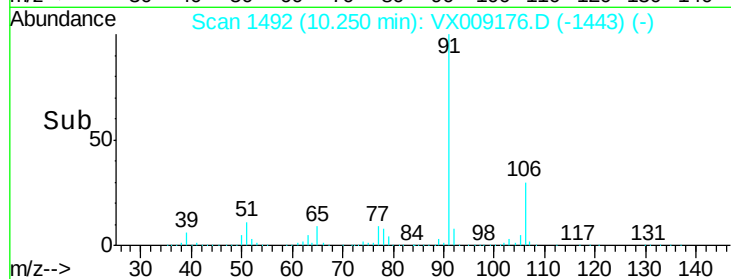
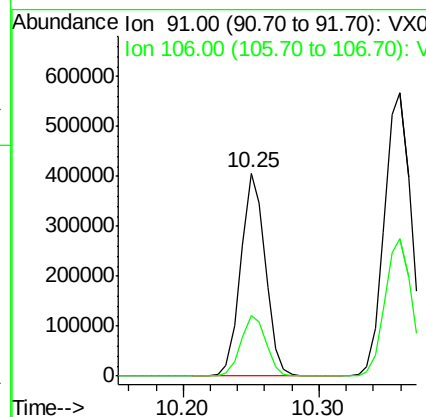
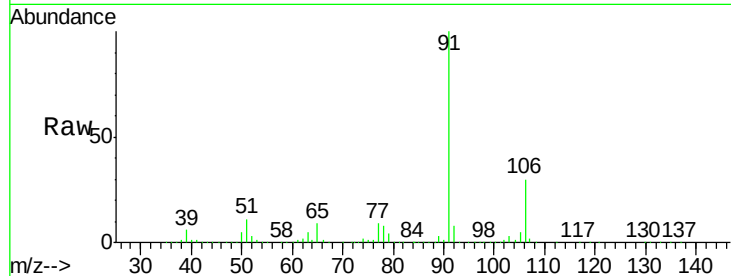




#67
Ethyl Benzene
Concen: 48.142 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

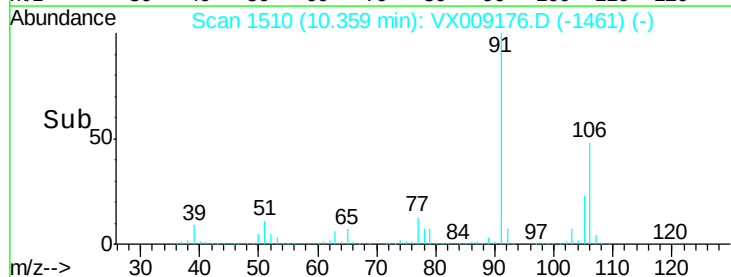
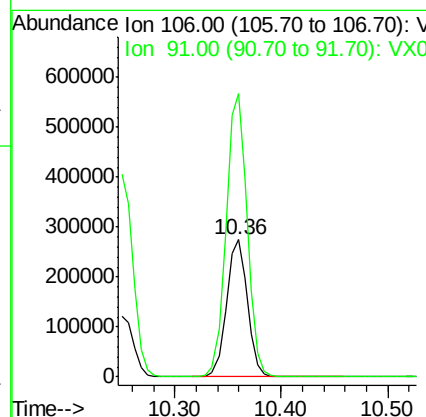
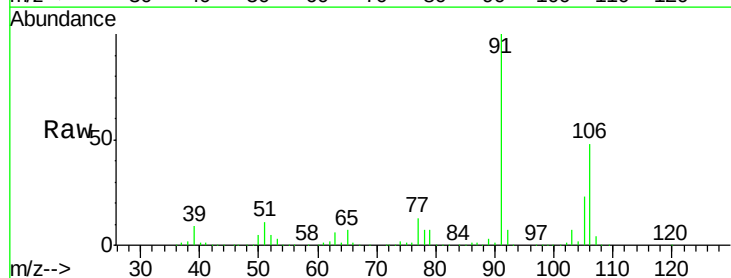
Instrument :
MSVOA_X
ClientSampleId :

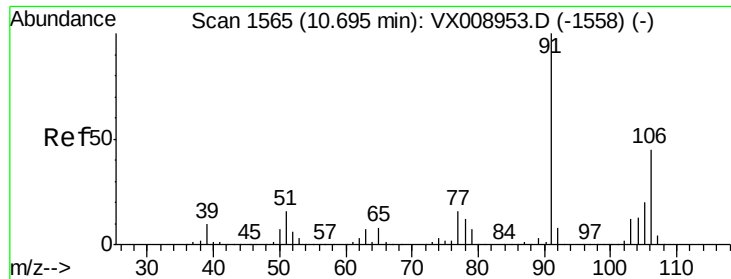
Tot Ion: 91 Resp: 512617
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 96.859 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion: 106 Resp: 374815
Ion Ratio Lower Upper
106 100
91 208.2 165.4 248.2

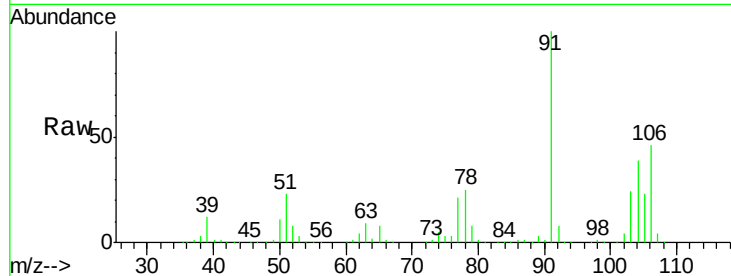




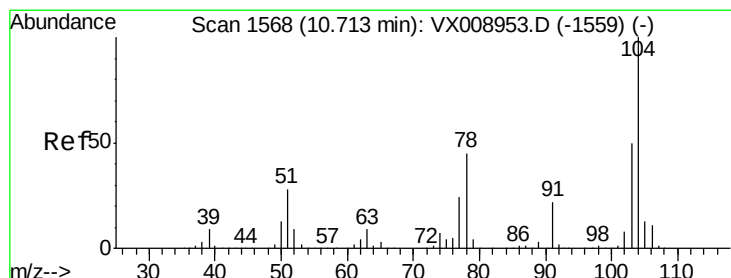
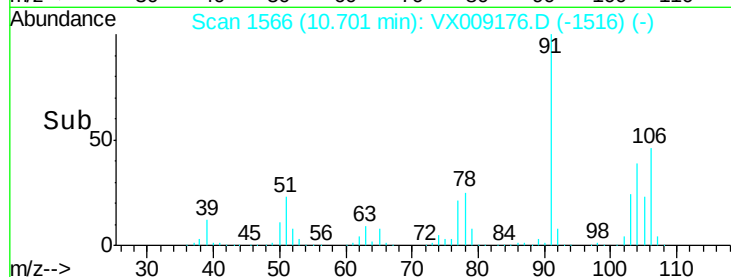
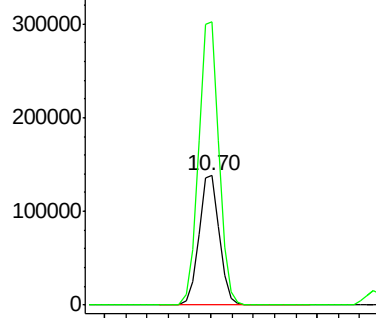
#69
o-Xylene
Concen: 49.123 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 184963
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.7

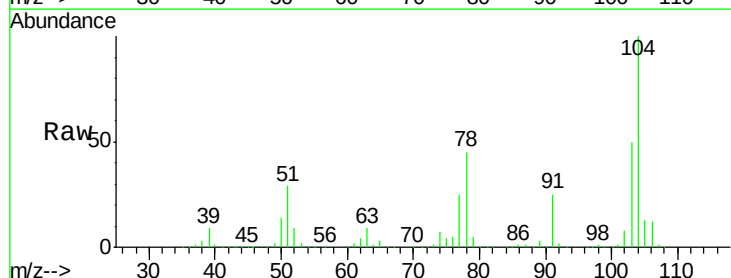


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

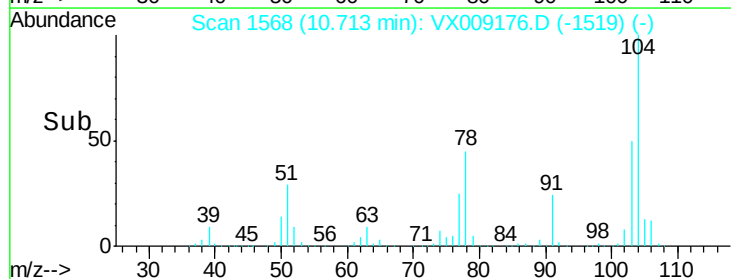
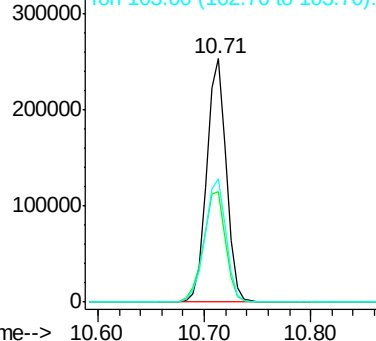


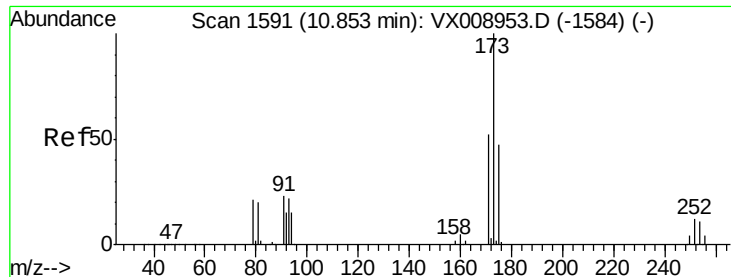
#70
Styrene
Concen: 50.141 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion:104 Resp: 327166
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.9 43.9 65.9



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





#71

Bromoform

Concen: 50.699 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

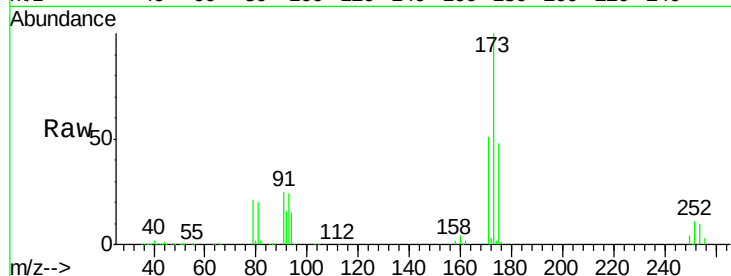
Tot Ion:173 Resp: 82882

Ion Ratio Lower Upper

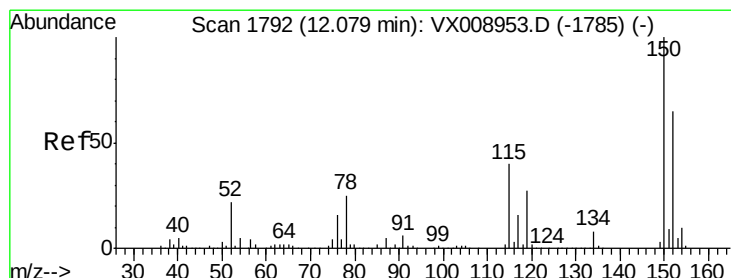
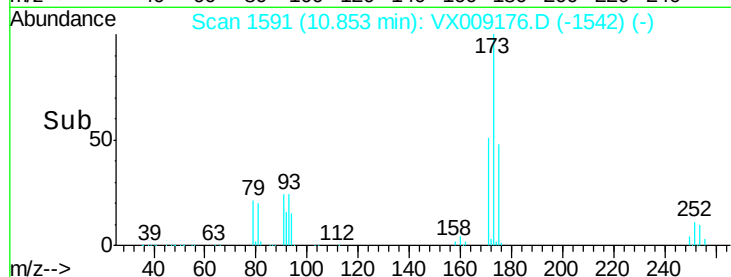
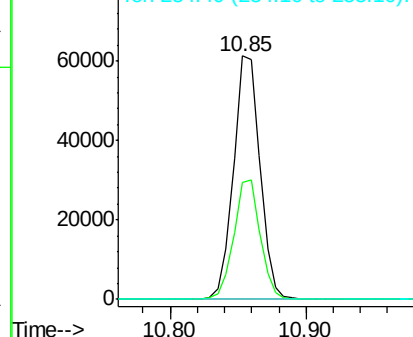
173 100

175 48.9 23.9 71.8

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

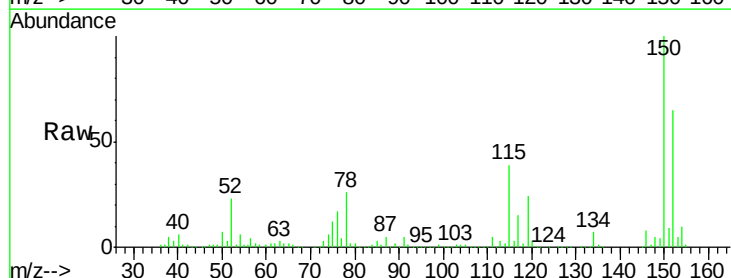
Tgt Ion:152 Resp: 134669

Ion Ratio Lower Upper

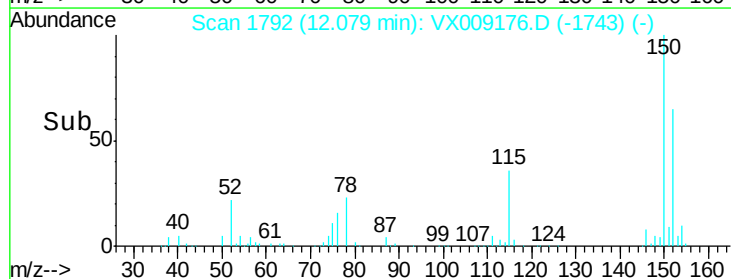
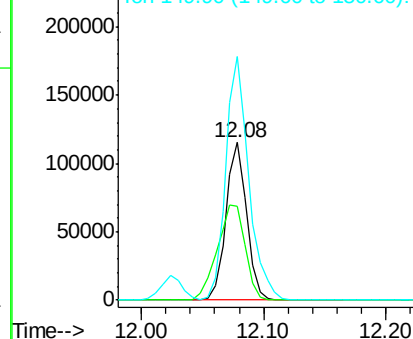
152 100

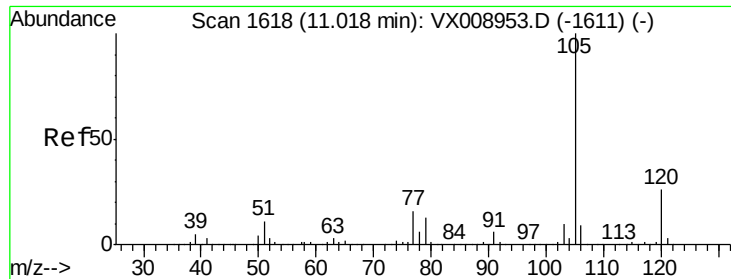
115 81.6 41.4 124.2

150 172.2 0.0 349.8



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: 47.796 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

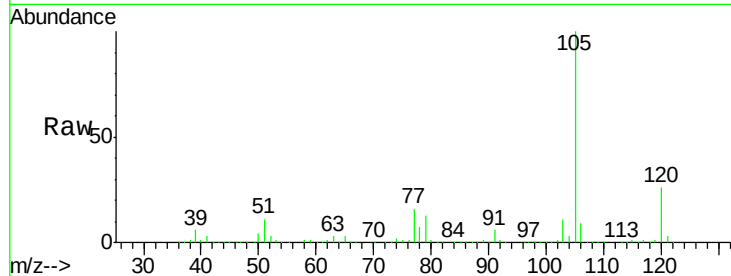
ClientSampleId :

Tot Ion:105 Resp: 487887

Ion Ratio Lower Upper

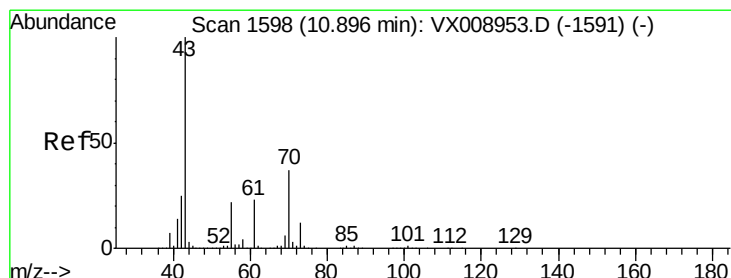
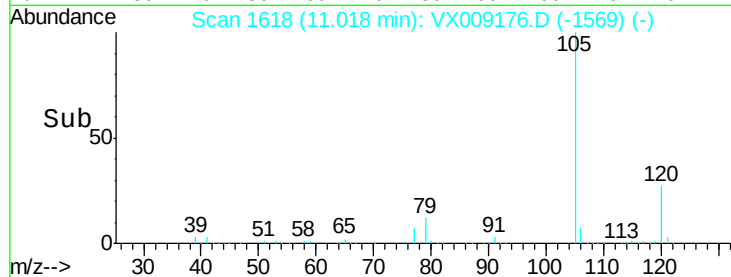
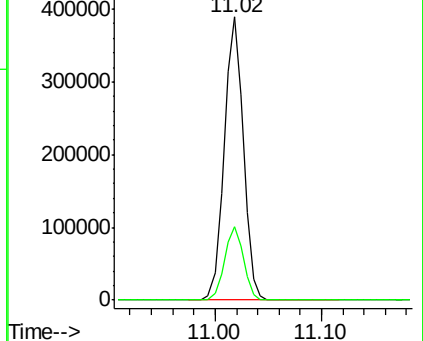
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.355 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Tgt Ion: 43 Resp: 306857

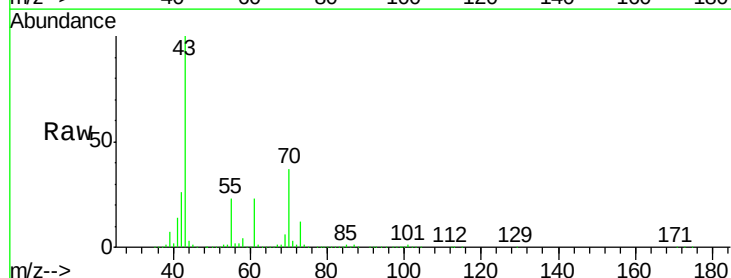
Ion Ratio Lower Upper

43 100

70 37.2 29.9 44.9

55 22.8 17.8 26.8

61 22.9 18.3 27.5

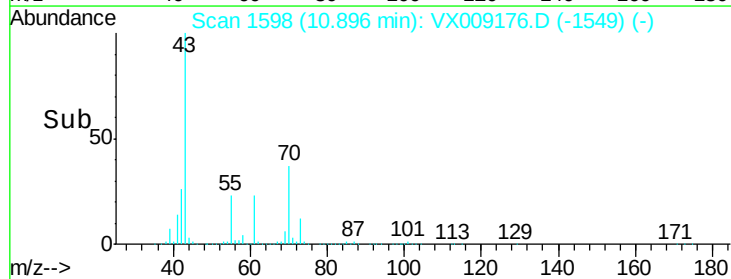
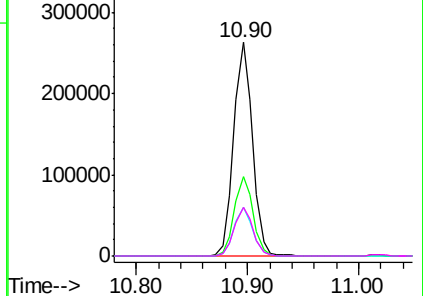


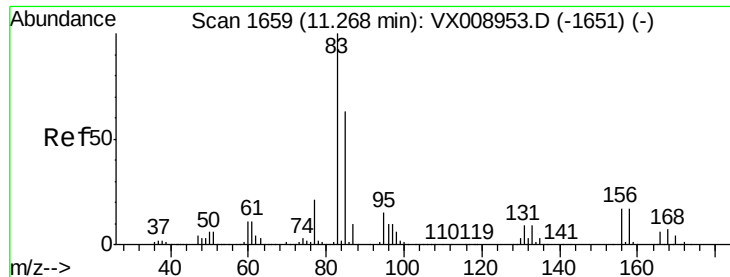
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.138 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

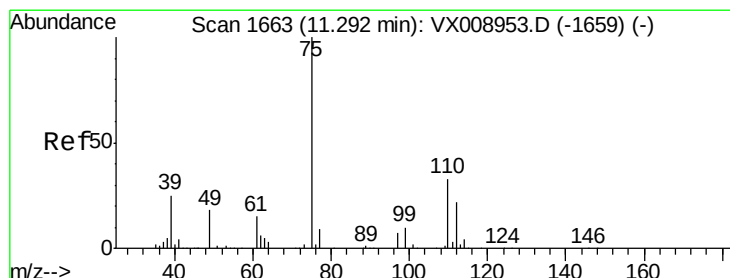
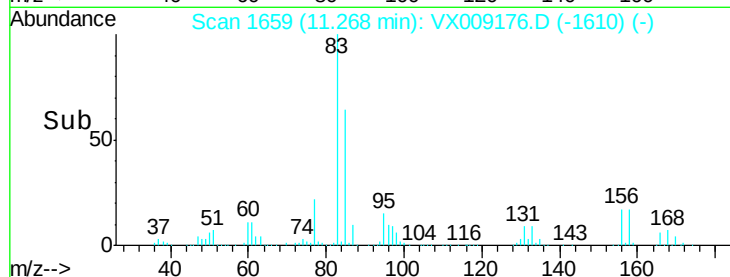
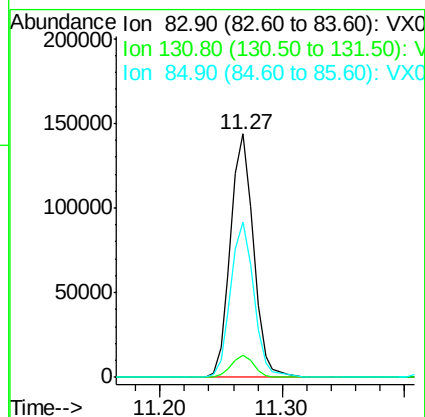
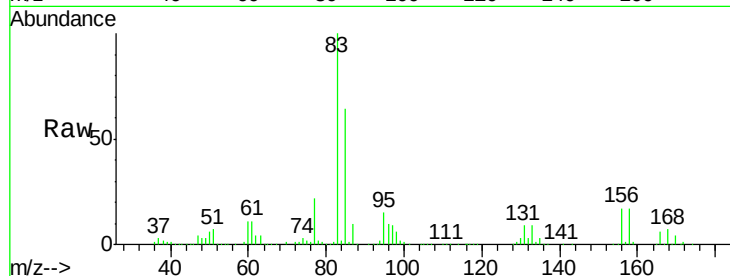
Tot Ion: 83 Resp: 187001

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.0

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 66.793 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009176.D

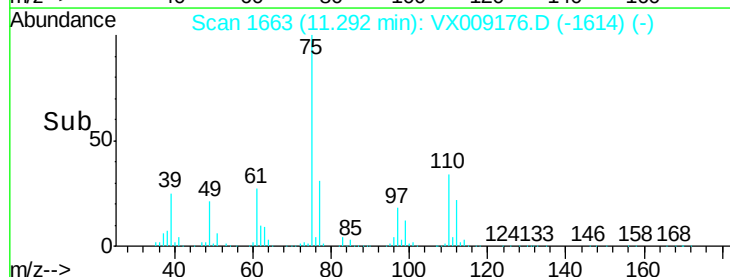
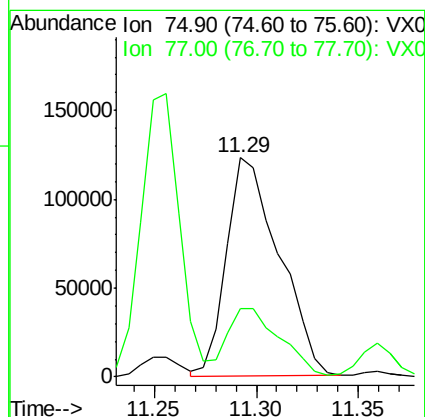
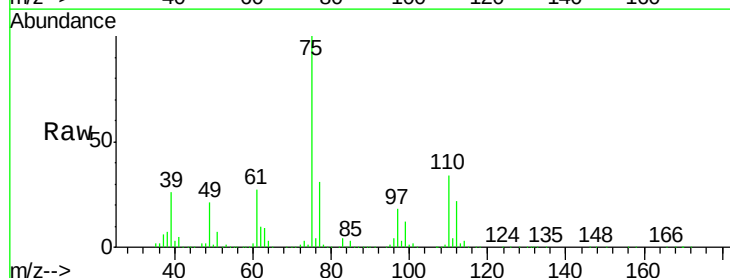
Acq: 25 Apr 2019 20:37

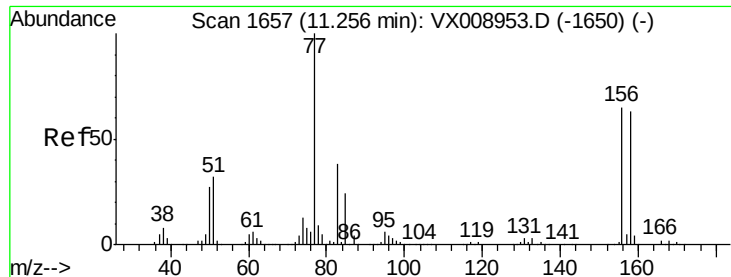
Tgt Ion: 75 Resp: 219640

Ion Ratio Lower Upper

75 100

77 32.5 22.7 68.0





#77

Bromobenzene

Concen: 47.363 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

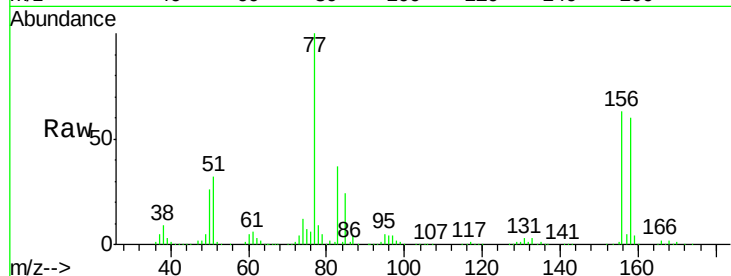
Tot Ion:156 Resp: 121983

Ion Ratio Lower Upper

156 100

77 170.2 85.4 256.1

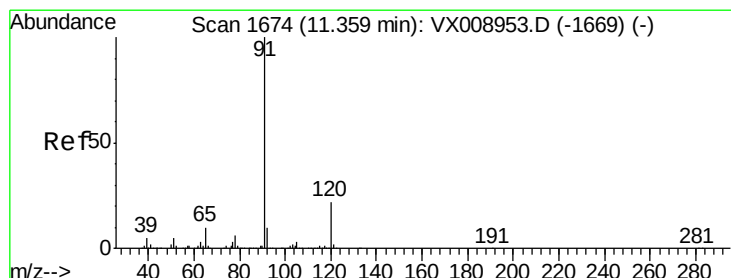
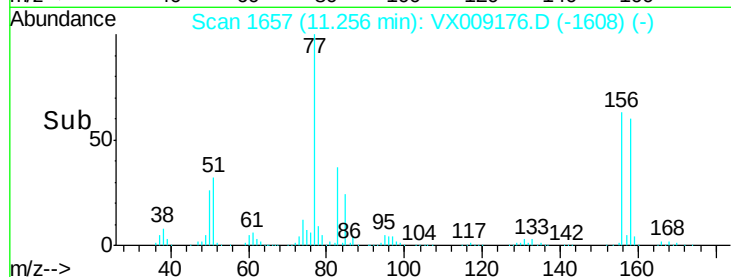
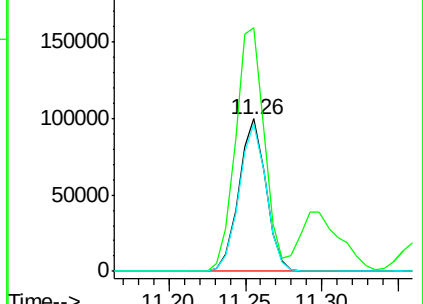
158 96.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.824 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009176.D

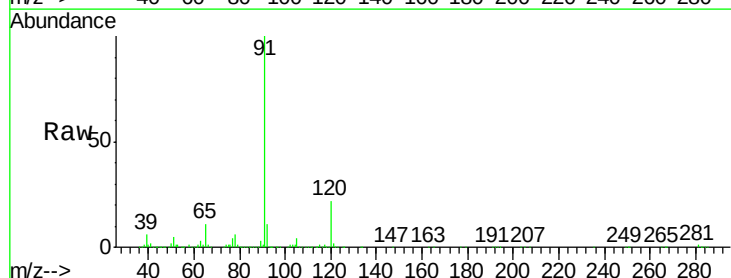
Acq: 25 Apr 2019 20:37

Tgt Ion: 91 Resp: 560310

Ion Ratio Lower Upper

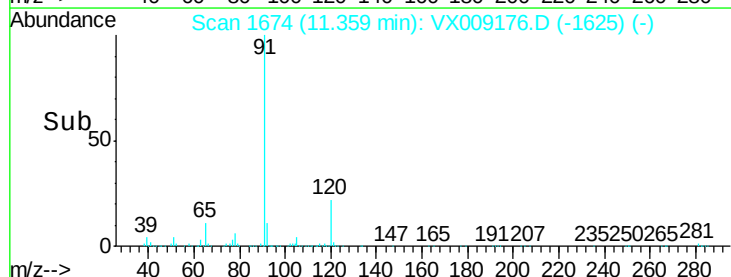
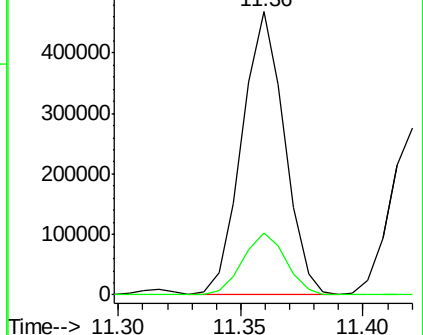
91 100

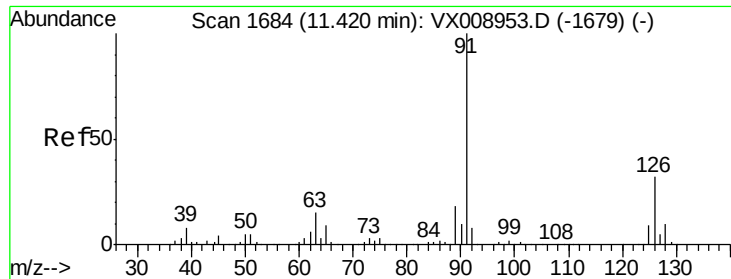
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.032 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

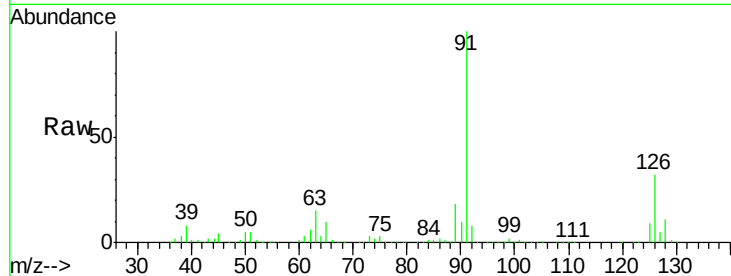
ClientSampleId :

Tot Ion: 91 Resp: 339118

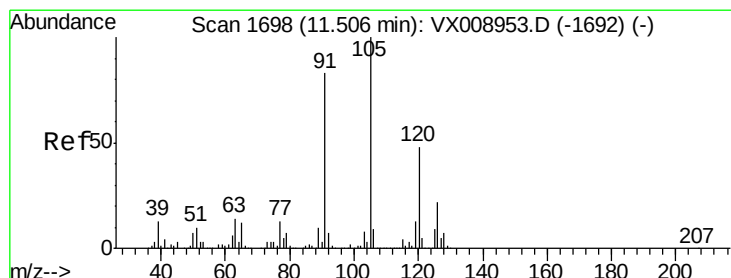
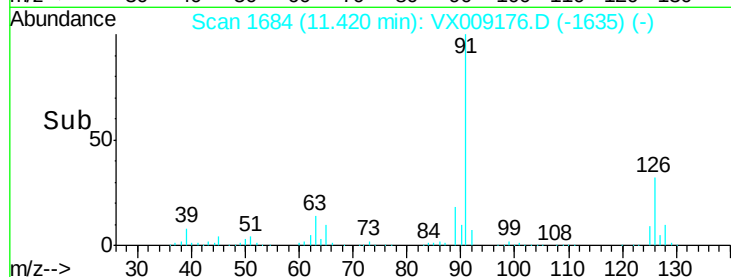
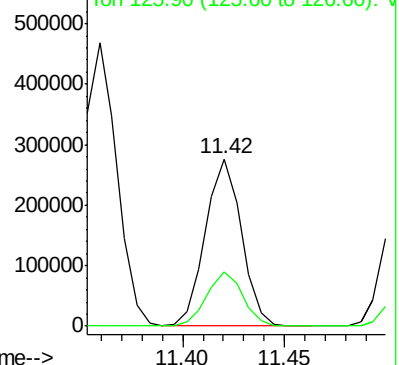
Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.386 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009176.D

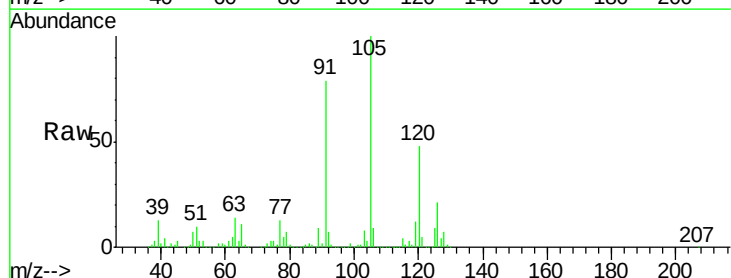
Acq: 25 Apr 2019 20:37

Tgt Ion:105 Resp: 414468

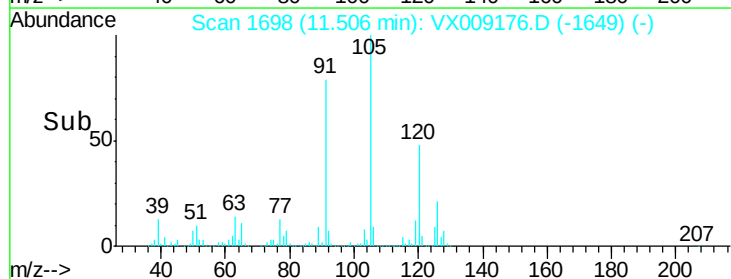
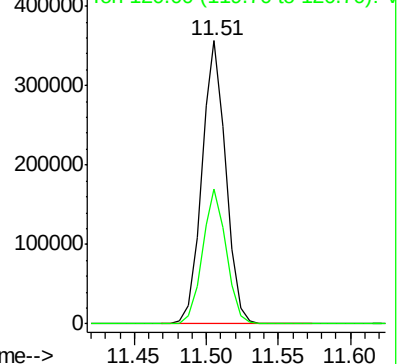
Ion Ratio Lower Upper

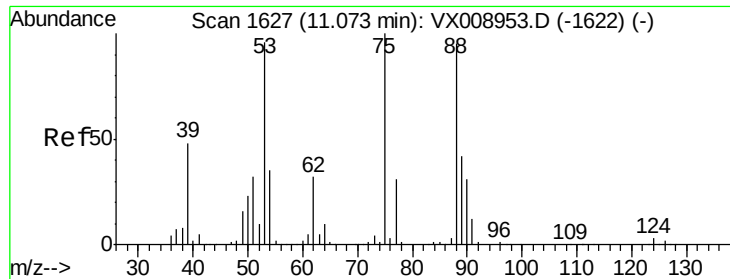
105 100

120 47.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.161 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

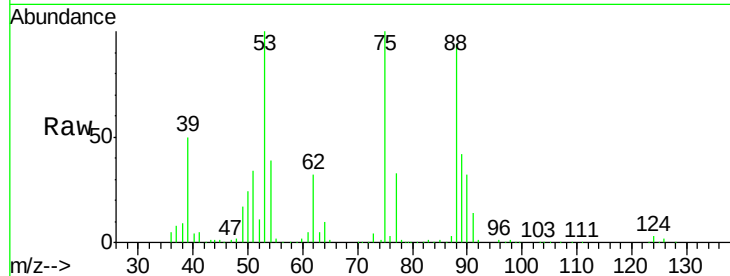
Tot Ion: 75 Resp: 61688

Ion Ratio Lower Upper

75 100

53 99.4 78.2 117.4

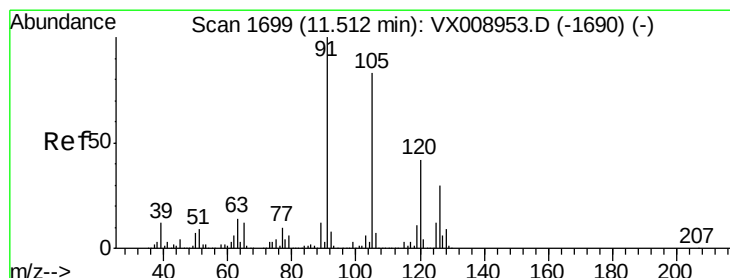
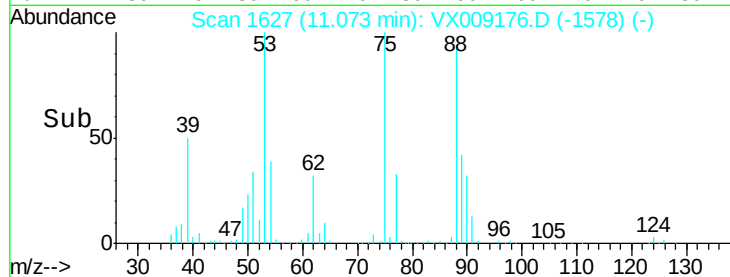
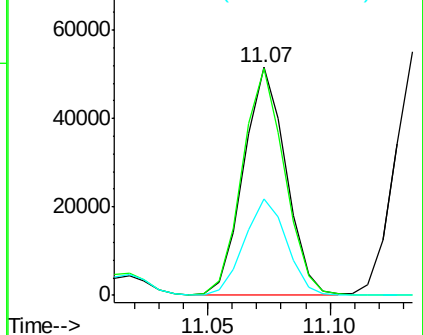
89 43.0 36.0 54.0



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: 47.368 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009176.D

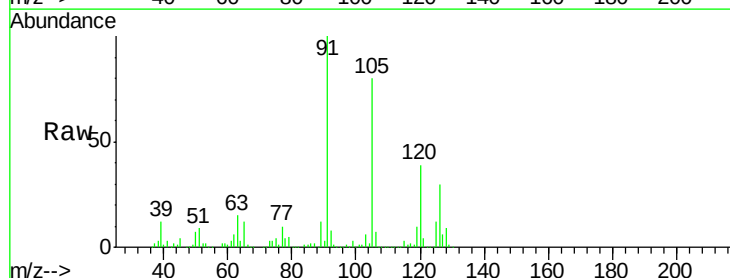
Acq: 25 Apr 2019 20:37

Tgt Ion: 91 Resp: 388395

Ion Ratio Lower Upper

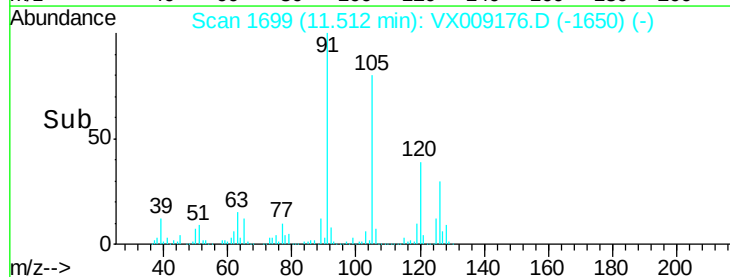
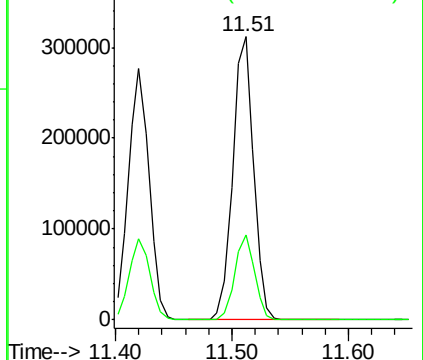
91 100

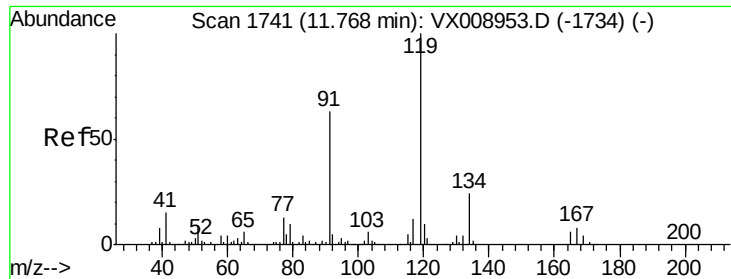
126 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

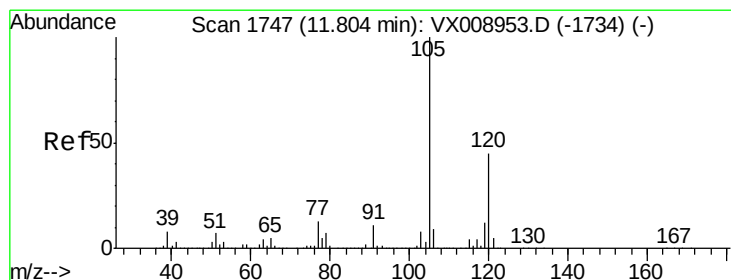
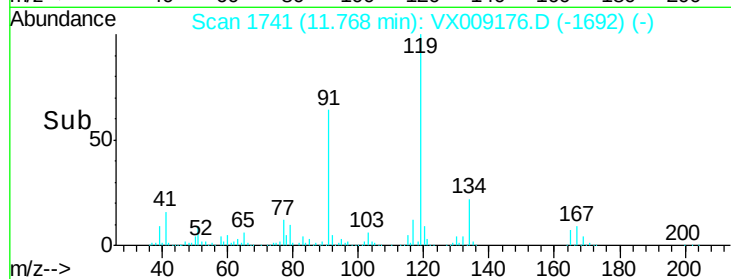
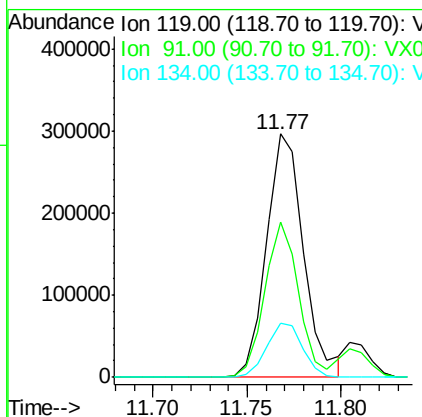
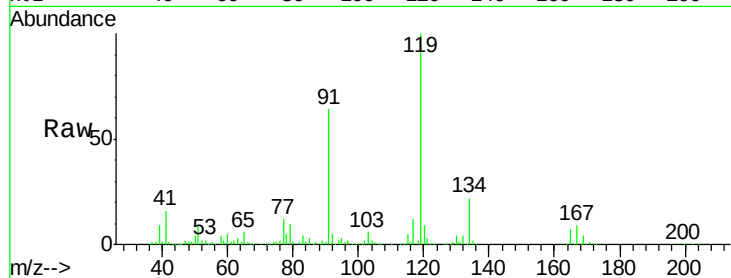




#83
 tert-Butylbenzene
 Concen: 49.262 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

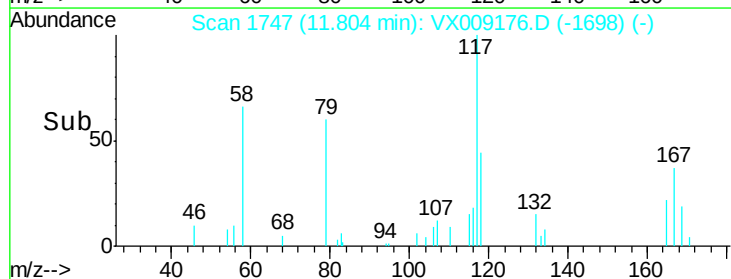
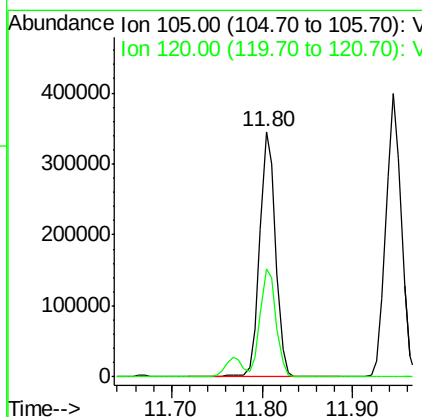
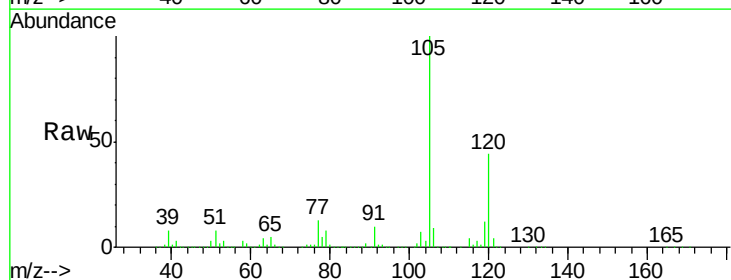
Instrument :
 MSVOA_X
 ClientSampled :

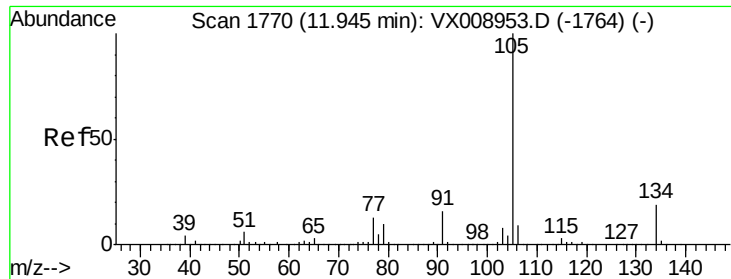
Tot Ion:119 Resp: 405134
 Ion Ratio Lower Upper
 119 100
 91 58.1 29.7 89.1
 134 21.6 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.735 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion:105 Resp: 416221
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.8





#85

sec-Butylbenzene

Concen: 48.045 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

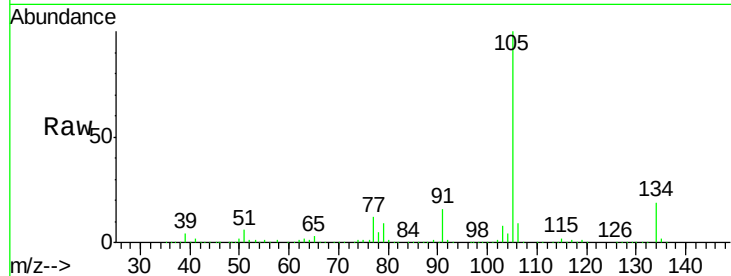
ClientSampleId :

Tot Ion:105 Resp: 471254

Ion Ratio Lower Upper

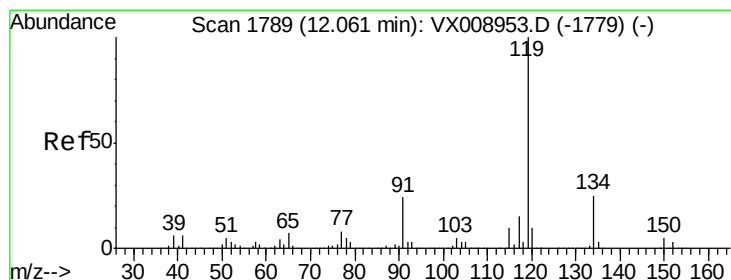
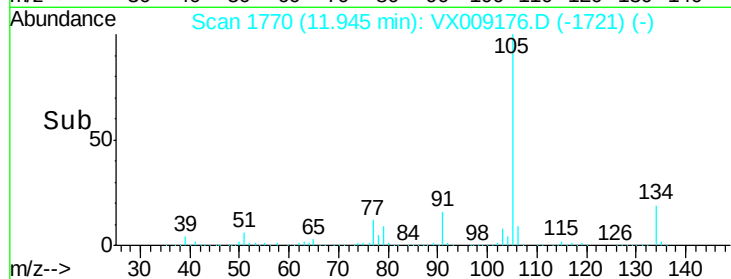
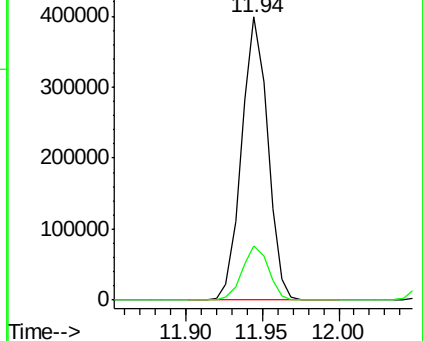
105 100

134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.584 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

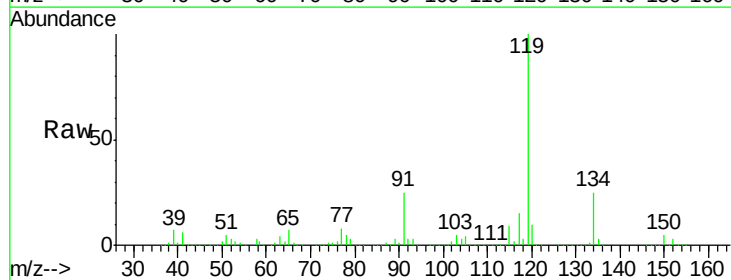
Tgt Ion:119 Resp: 429100

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

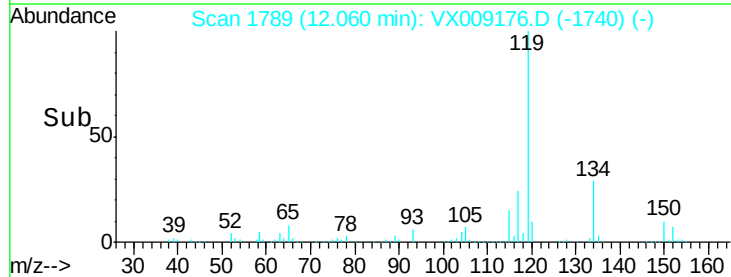
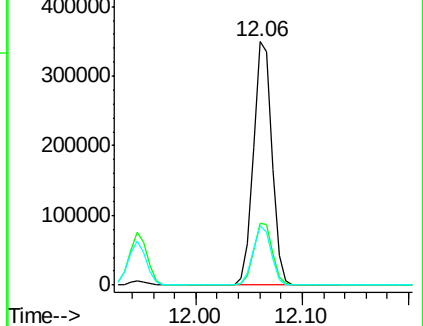
91 23.9 11.9 35.5

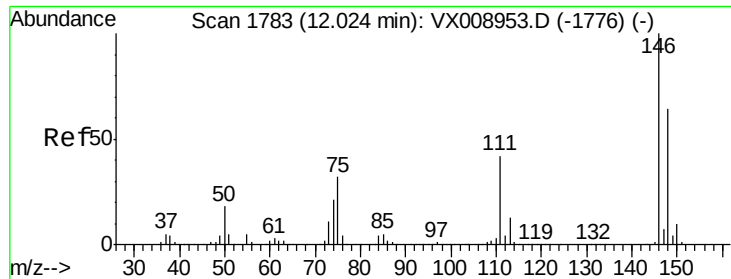


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

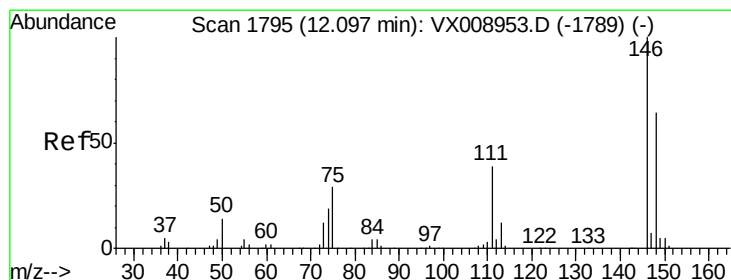
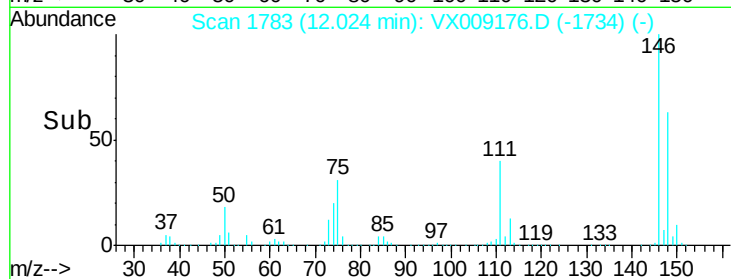
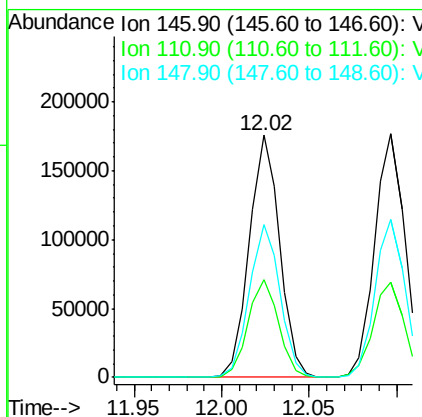
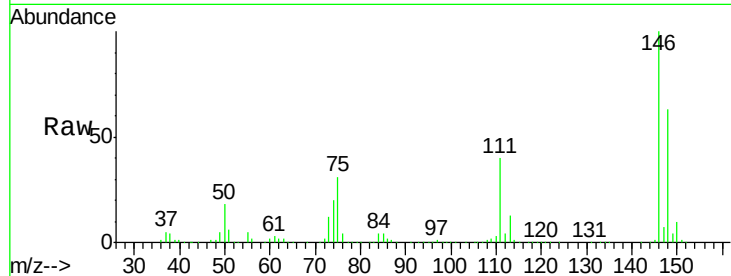




#87
 1,3-Dichlorobenzene
 Concen: 47.081 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

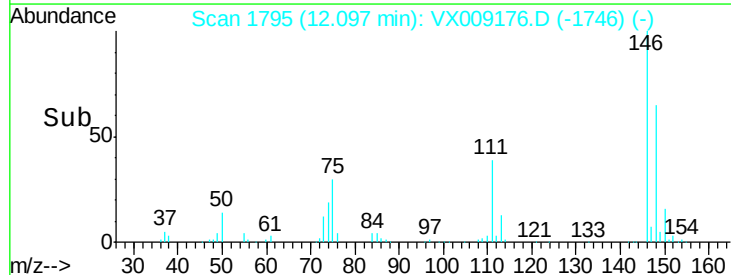
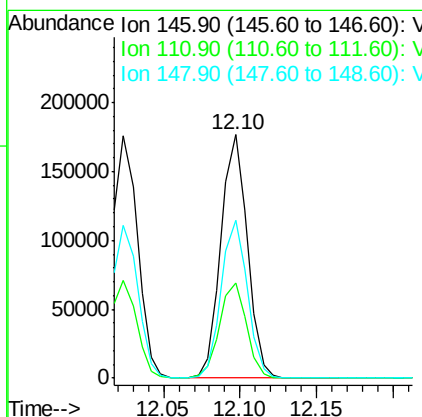
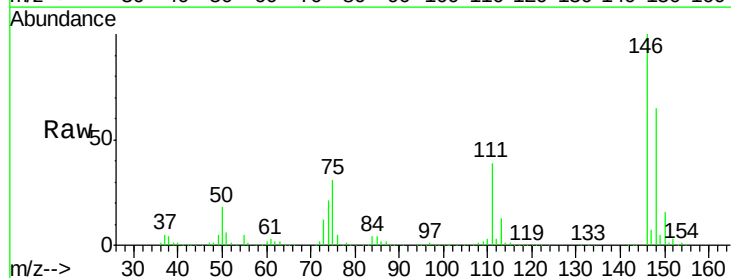
Instrument :
 MSVOA_X
 ClientSampled :

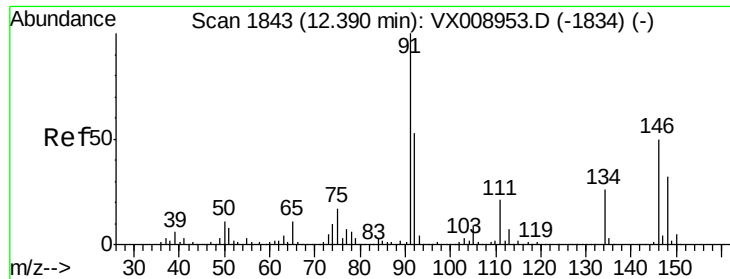
Tot Ion:146 Resp: 212228
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.423 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion:146 Resp: 212127
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 45.780 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009176.D

Acq: 25 Apr 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

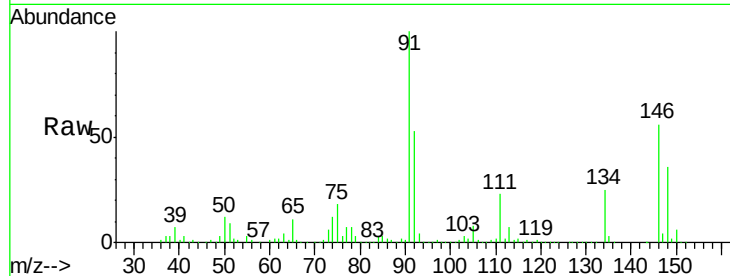
Tot Ion: 91 Resp: 384476

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.8

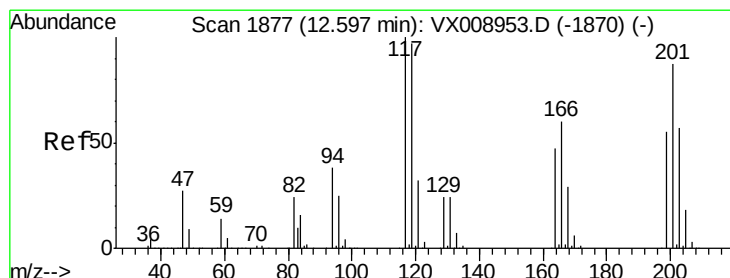
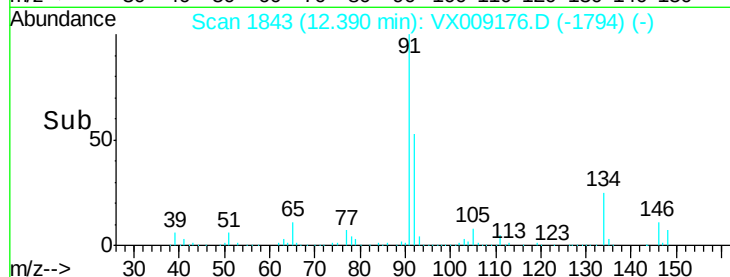
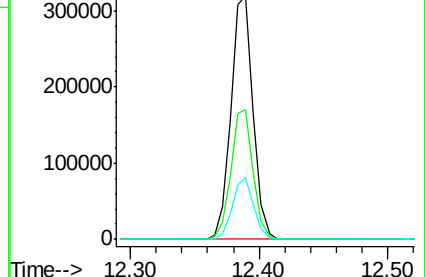
134 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)



#90

Hexachloroethane

Concen: 49.294 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009176.D

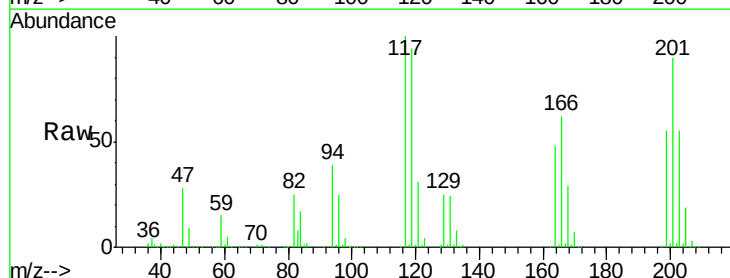
Acq: 25 Apr 2019 20:37

Tgt Ion: 117 Resp: 73326

Ion Ratio Lower Upper

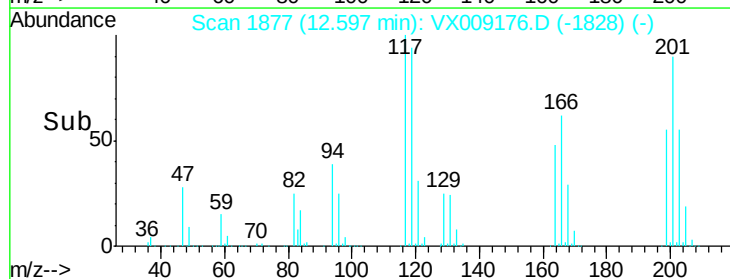
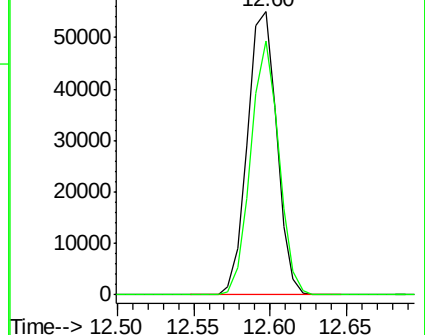
117 100

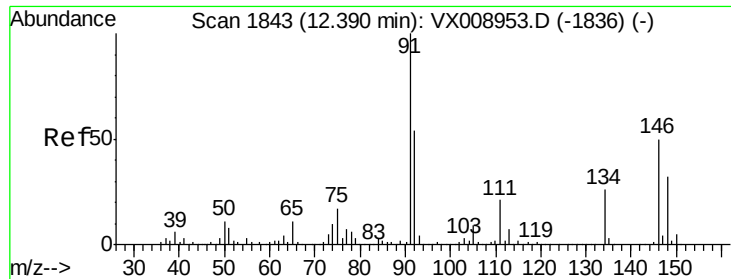
201 85.9 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)

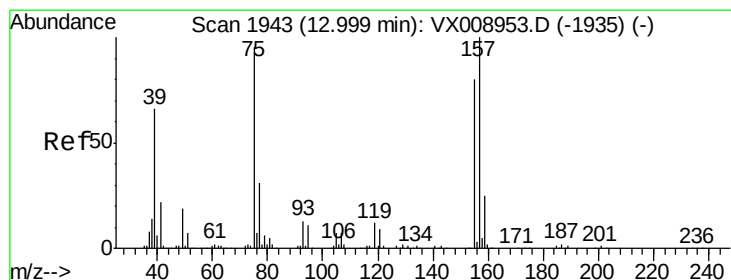
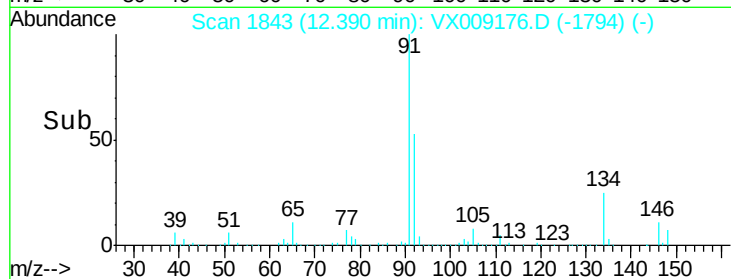
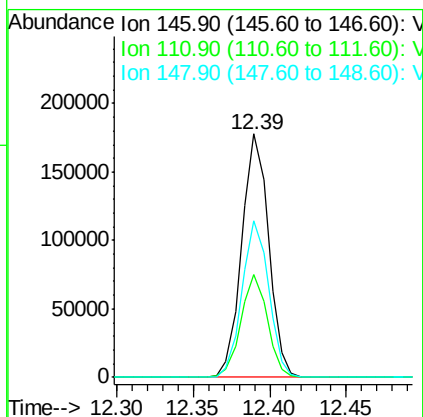
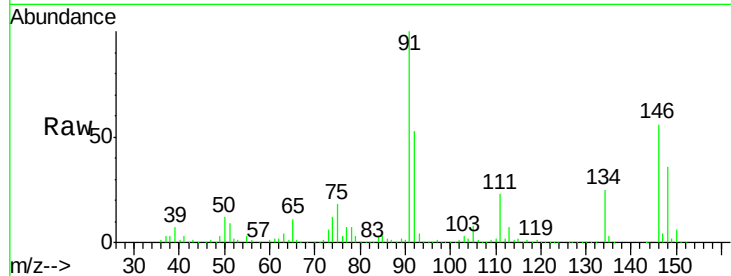




#91
 1,2-Dichlorobenzene
 Concen: 48.746 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

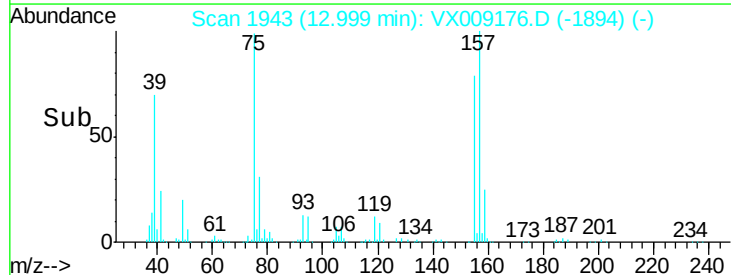
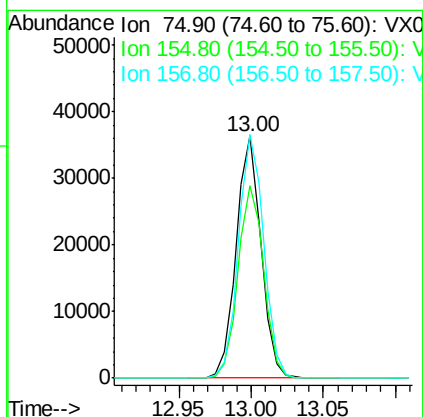
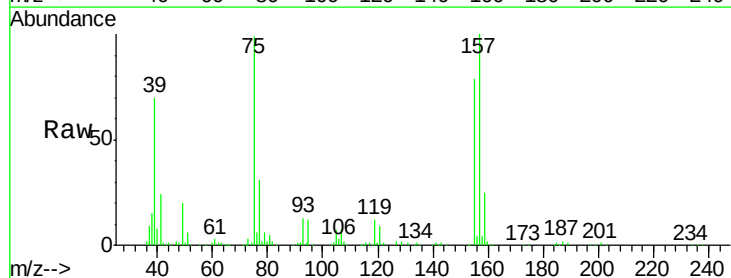
Instrument :
 MSVOA_X
 ClientSampleId :

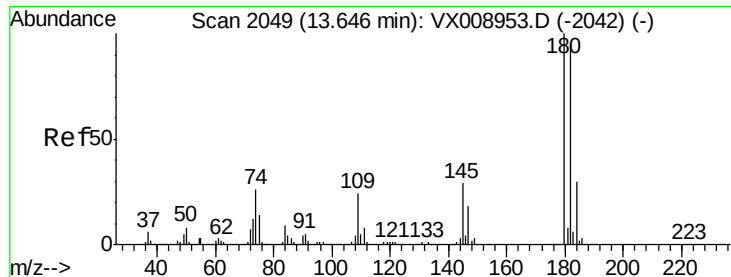
Tot Ion:146 Resp: 216976
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.9
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.632 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion: 75 Resp: 43846
 Ion Ratio Lower Upper
 75 100
 155 81.7 41.2 123.6
 157 102.0 52.5 157.6

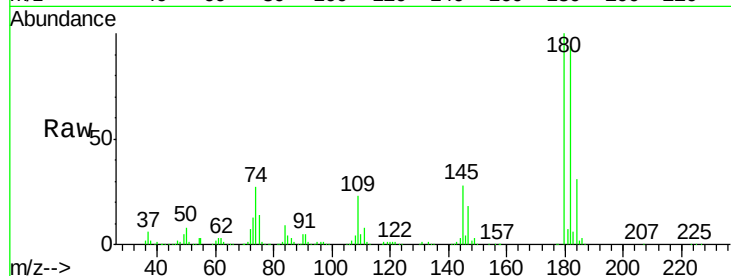




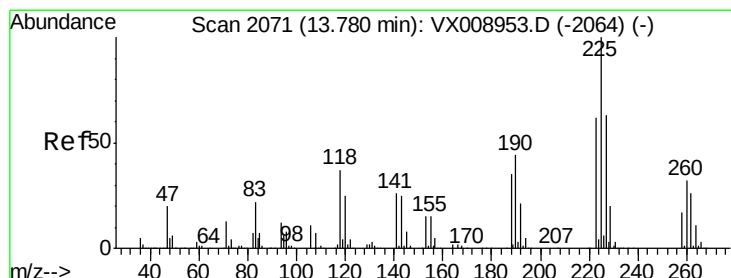
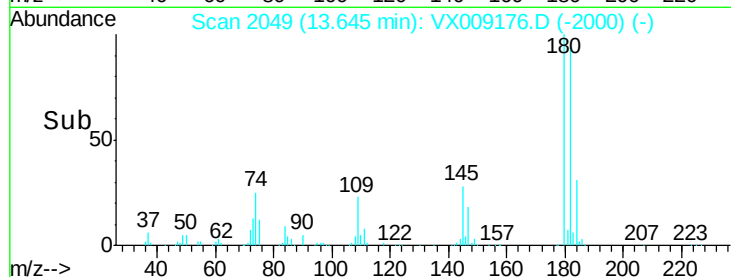
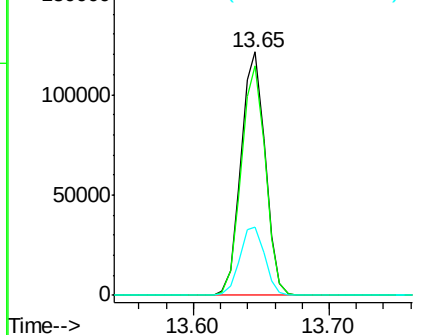
#93
 1,2,4-Trichlorobenzene
 Concen: 46.819 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.9
145	28.8	14.8	44.4

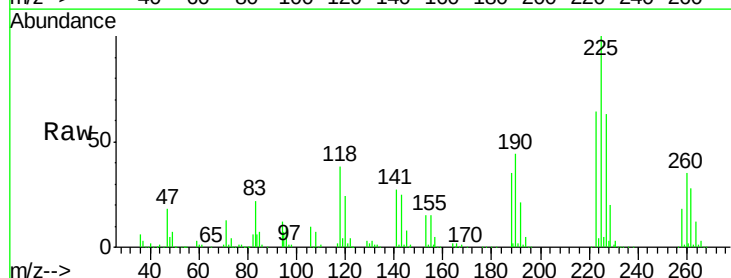


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

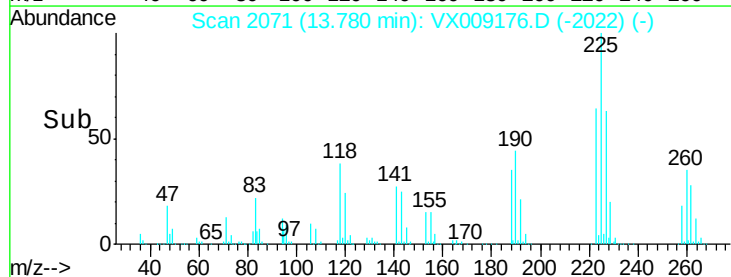
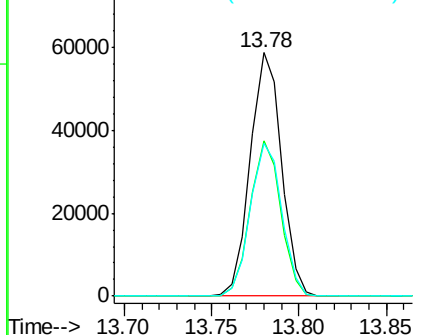


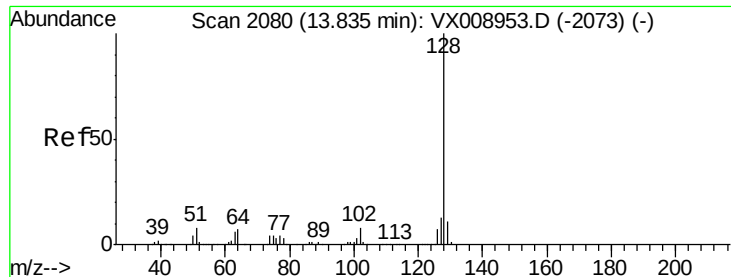
#94
 Hexachlorobutadiene
 Concen: 45.605 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009176.D
 Acq: 25 Apr 2019 20:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.2
227	63.3	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

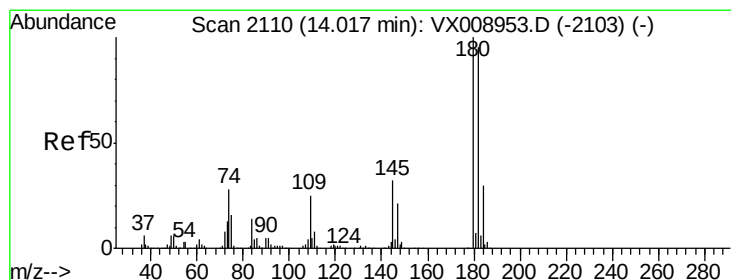
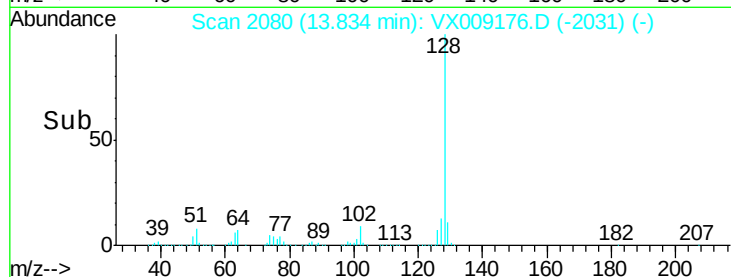
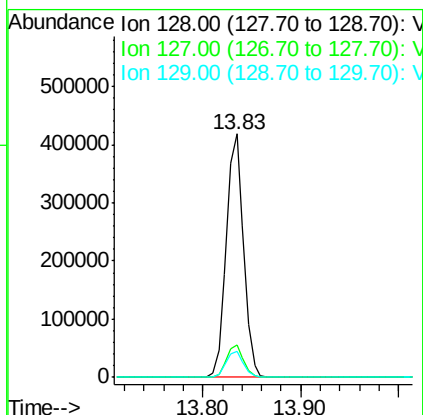
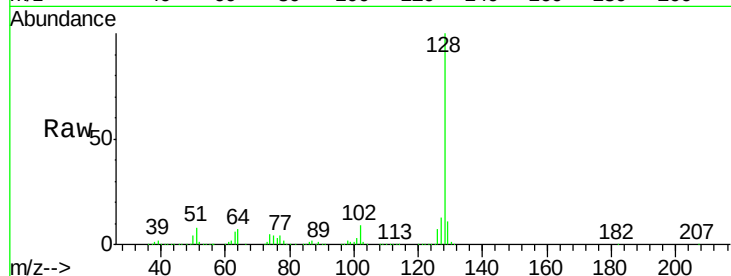




#95
Naphthalene
Concen: 49.580 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 510400
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.569 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009176.D
Acq: 25 Apr 2019 20:37

Tgt Ion:180 Resp: 150810
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.4
145 31.5 15.8 47.3

