

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006035.D
 Acq On : 15 Nov 2018 21:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 00:21:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	213986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	78568	45.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.52%	
35) Dibromofluoromethane	5.50	113	65409	44.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.88%	
50) Toluene-d8	8.71	98	221705	45.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.14	95	85475	49.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	53273	39.132	ug/l	99
3) Chloromethane	1.32	50	68295	38.225	ug/l	96
4) Vinyl Chloride	1.41	62	72436	40.386	ug/l	97
5) Bromomethane	1.64	94	39397	35.893	ug/l	95
6) Chloroethane	1.71	64	44777	41.840	ug/l	96
7) Trichlorofluoromethane	1.92	101	96611	40.579	ug/l	95
8) Diethyl Ether	2.19	74	41795	44.801	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58103	42.433	ug/l	99
10) Methyl Iodide	2.51	142	73516	44.299	ug/l	97
11) Tert butyl alcohol	3.08	59	101827	204.773	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56555	42.375	ug/l	96
13) Acrolein	2.29	56	55101	233.743	ug/l	100
14) Allyl chloride	2.72	41	123736	41.512	ug/l	97
15) Acrylonitrile	3.15	53	227933	221.181	ug/l	99
16) Acetone	2.45	43	190554	203.880	ug/l	98
17) Carbon Disulfide	2.57	76	142724	35.852	ug/l	99
18) Methyl Acetate	2.78	43	118063	47.049	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	221345	48.592	ug/l	100
20) Methylene Chloride	2.85	84	67420	43.914	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60550	43.014	ug/l	91
22) Diisopropyl ether	3.87	45	244383	46.802	ug/l #	95
23) Vinyl Acetate	3.82	43	1022404	228.364	ug/l	98
24) 1,1-Dichloroethane	3.70	63	124397	44.654	ug/l	99
25) 2-Butanone	4.70	43	323990	220.491	ug/l	98
26) 2,2-Dichloropropane	4.58	77	83189	40.708	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	71463	45.976	ug/l	97
28) Bromochloromethane	5.02	49	61760	49.605	ug/l	95
29) Tetrahydrofuran	5.15	42	206452	218.823	ug/l	96
30) Chloroform	5.21	83	122706	45.655	ug/l	91
31) Cyclohexane	5.58	56	101604	42.016	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	100609	44.879	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89920	43.590	ug/l	99
37) Ethyl Acetate	4.85	43	118500	43.683	ug/l	98
38) Carbon Tetrachloride	5.78	117	85143	41.228	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX111518\
 Data File : VX006035.D
 Acq On : 15 Nov 2018 21:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 00:21:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	89537	42.825	ug/l	97
40) Benzene	6.14	78	273005	45.397	ug/l	92
41) Methacrylonitrile	5.06	41	65745	44.852	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93214	43.275	ug/l	98
43) Isopropyl Acetate	6.46	43	185287	47.138	ug/l	97
44) Trichloroethene	7.21	130	70989	46.482	ug/l	92
45) 1,2-Dichloropropane	7.52	63	69301	47.478	ug/l	99
46) Dibromomethane	7.66	93	41272	45.060	ug/l	96
47) Bromodichloromethane	7.90	83	81141	46.875	ug/l	96
48) Methyl methacrylate	7.77	41	84088	47.642	ug/l	98
49) 1,4-Dioxane	7.75	88	34792	914.784	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	578472	233.506	ug/l	100
52) Toluene	8.79	92	156132	46.454	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90887	44.493	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99549	47.813	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69608	46.470	ug/l	88
56) Ethyl methacrylate	9.18	69	112075	50.005	ug/l	96
57) 1,3-Dichloropropane	9.37	76	118708	47.158	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285444	234.265	ug/l	100
59) 2-Hexanone	9.49	43	490753	224.739	ug/l	97
60) Dibromochloromethane	9.59	129	73277	45.264	ug/l	97
61) 1,2-Dibromoethane	9.68	107	74797	45.158	ug/l	99
64) Tetrachloroethene	9.34	164	70336	42.982	ug/l	94
65) Chlorobenzene	10.14	112	173130	44.963	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	61330	45.815	ug/l	98
67) Ethyl Benzene	10.25	91	294750	47.738	ug/l	100
68) m/p-Xylenes	10.36	106	223342	94.833	ug/l	100
69) o-Xylene	10.70	106	109989	52.082	ug/l	99
70) Styrene	10.71	104	185005	53.105	ug/l	100
71) Bromoform	10.86	173	53632	47.793	ug/l #	98
73) Isopropylbenzene	11.02	105	300298	39.395	ug/l	99
74) N-amyl acetate	10.90	43	154820	36.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	106634	38.112	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	126912	47.284	ug/l	84
77) Bromobenzene	11.26	156	82045	38.186	ug/l	98
78) n-propylbenzene	11.36	91	364847	40.612	ug/l	99
79) 2-Chlorotoluene	11.42	91	214769	39.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283974	43.838	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31760	37.713	ug/l	94
82) 4-Chlorotoluene	11.51	91	264249	41.292	ug/l	99
83) tert-Butylbenzene	11.77	119	315650	48.166	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	327405	45.789	ug/l	98
85) sec-Butylbenzene	11.94	105	392556	48.985	ug/l	100
86) p-Isopropyltoluene	12.07	119	350018	49.309	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189131	45.868	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192620	45.633	ug/l	100
89) n-Butylbenzene	12.39	91	310533	47.201	ug/l	99
90) Hexachloroethane	12.60	117	53503	45.145	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189458	45.866	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30309	44.392	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111518\
Data File : VX006035.D
Acq On : 15 Nov 2018 21:59
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 16 00:21:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

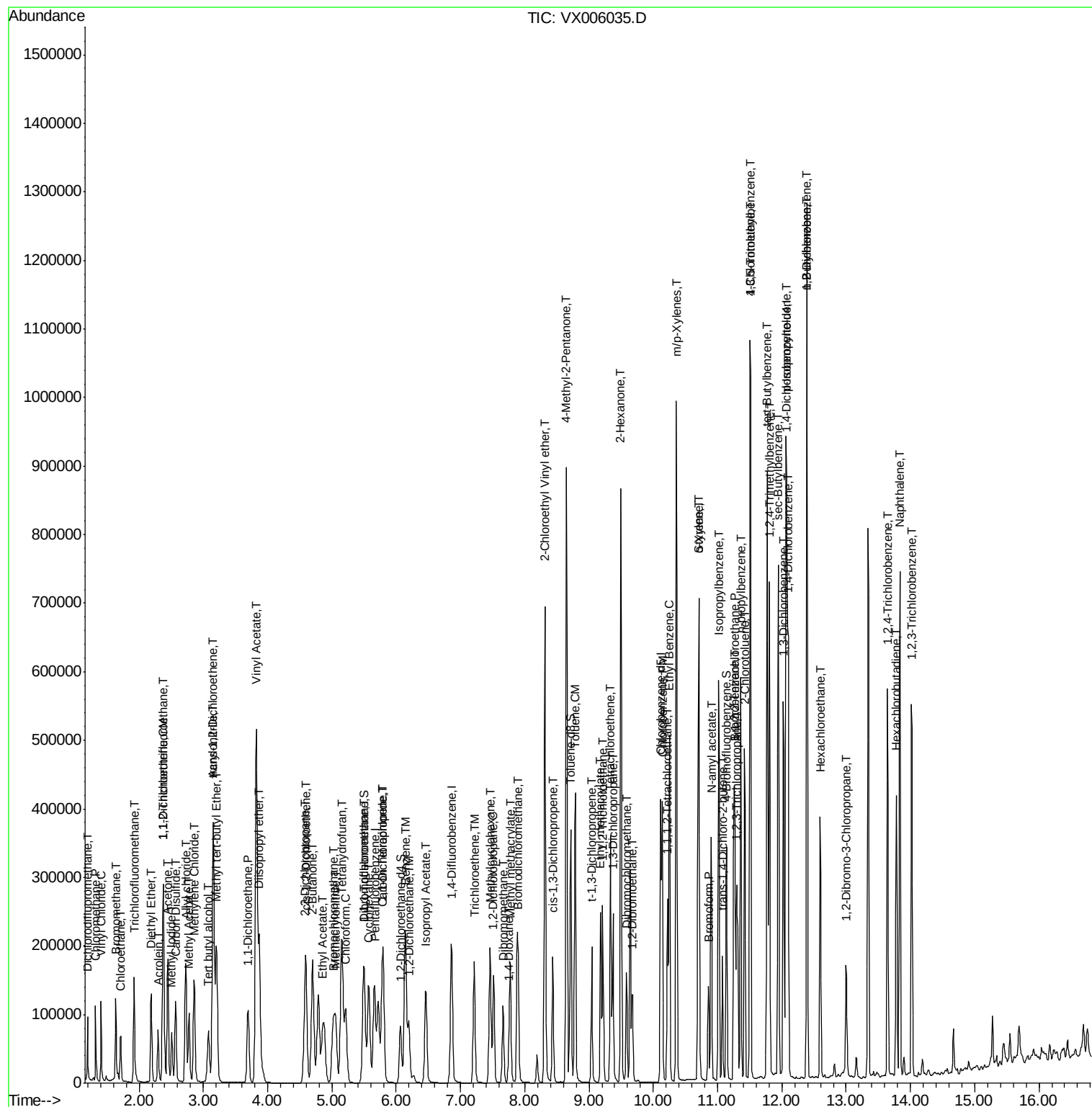
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143776	49.443	ug/l	100
94) Hexachlorobutadiene	13.79	225	67726	44.338	ug/l	99
95) Naphthalene	13.83	128	456209	48.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145139	48.992	ug/l	99

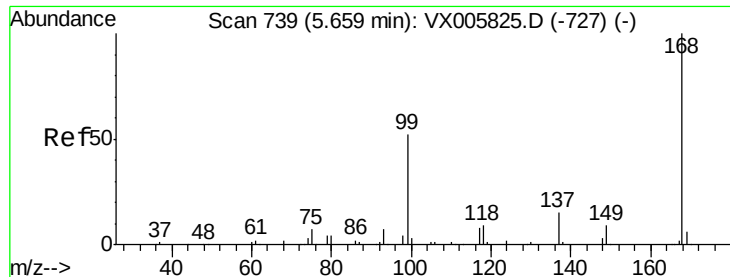
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111518\
Data File : VX006035.D
Acq On : 15 Nov 2018 21:59
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Nov 16 00:21:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

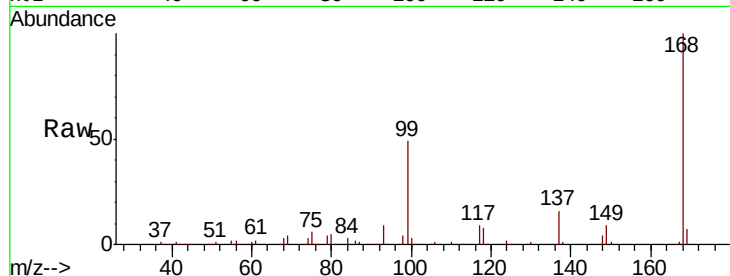
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 150994

Ion Ratio Lower Upper

168 100

99 49.2 40.7 61.1

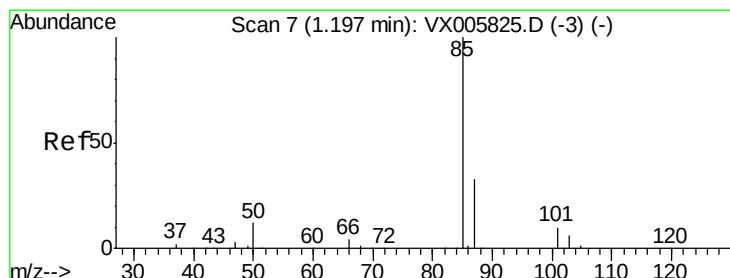
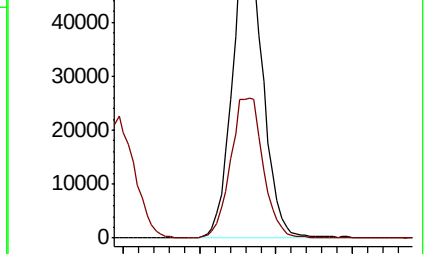
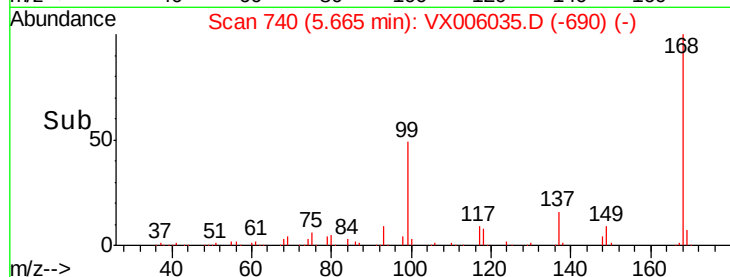


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 39.132 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006035.D

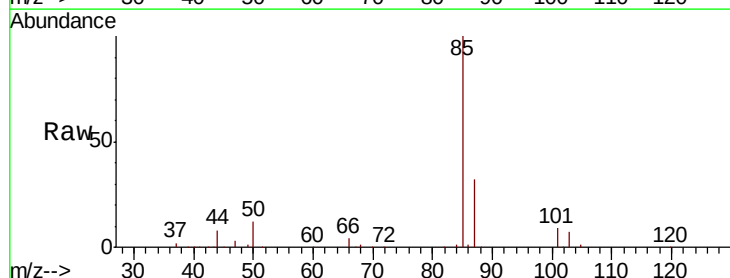
Acq: 15 Nov 2018 21:59

Tgt Ion: 85 Resp: 53273

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9

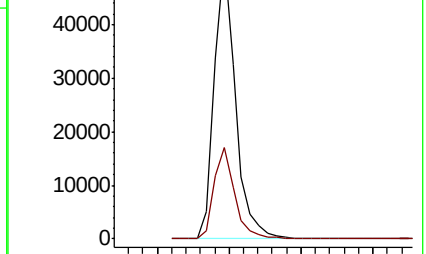
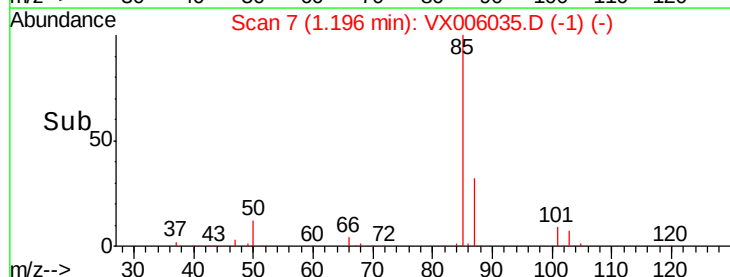


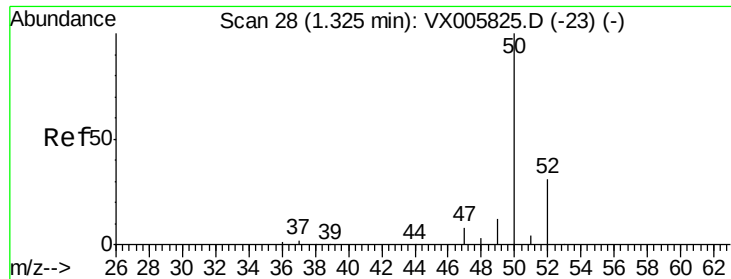
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 38.225 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

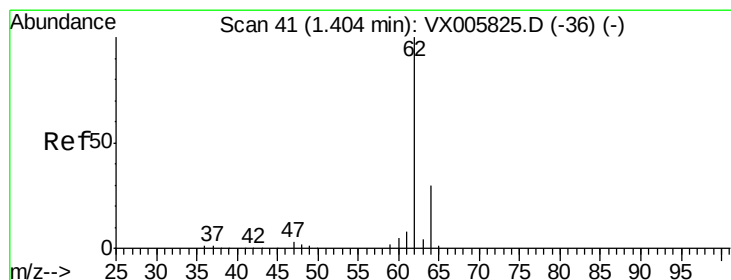
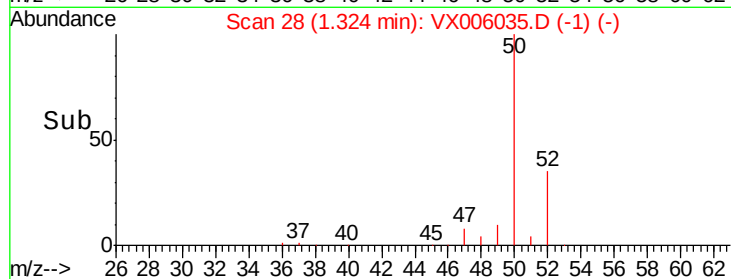
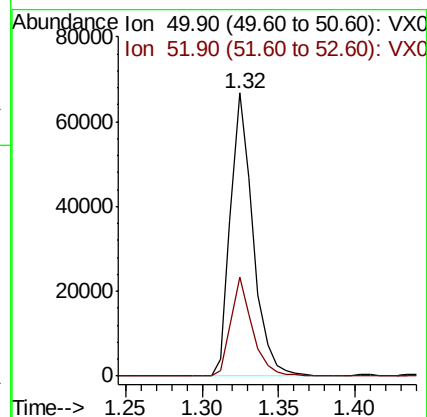
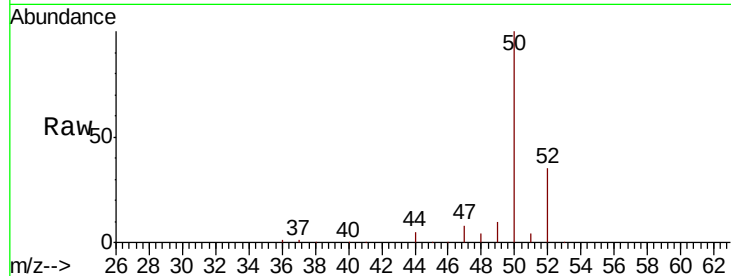
ClientSampleId :

Tot Ion: 50 Resp: 68295

Ion Ratio Lower Upper

50 100

52 35.0 26.2 39.2



#4

Vinyl Chloride

Concen: 40.386 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006035.D

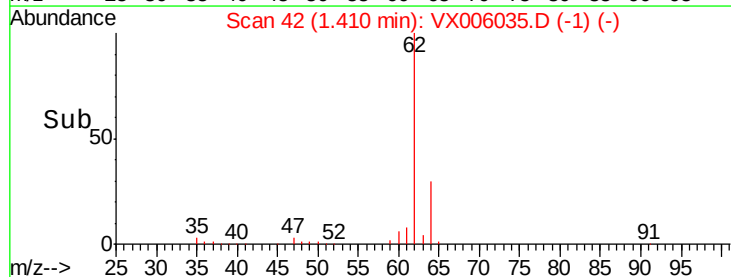
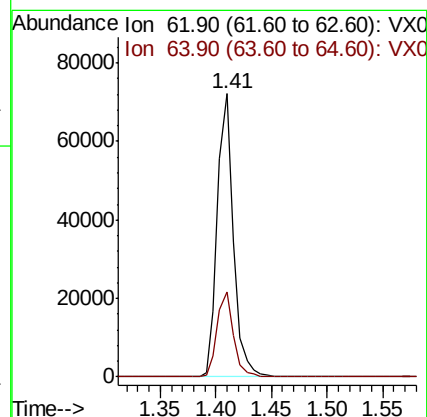
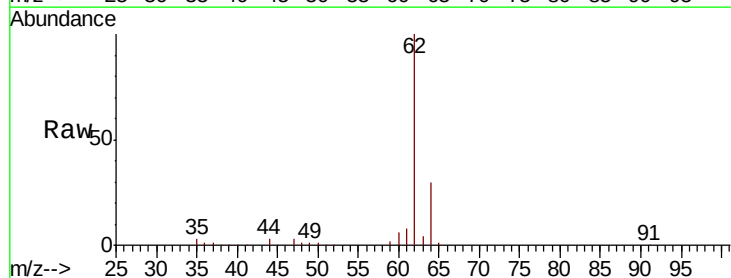
Acq: 15 Nov 2018 21:59

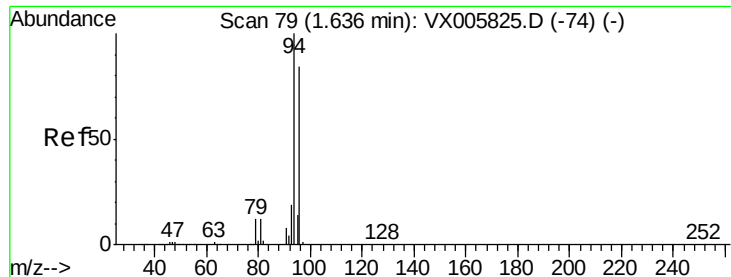
Tgt Ion: 62 Resp: 72436

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 35.893 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

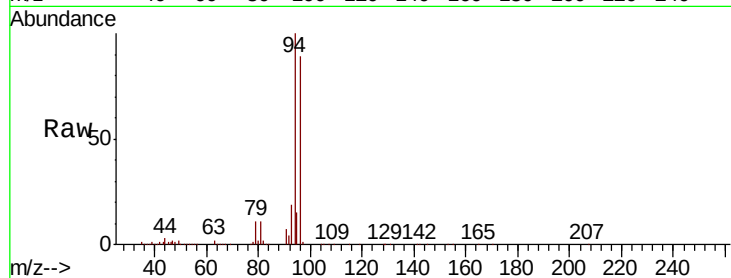
ClientSampleId :

Tot Ion: 94 Resp: 39397

Ion Ratio Lower Upper

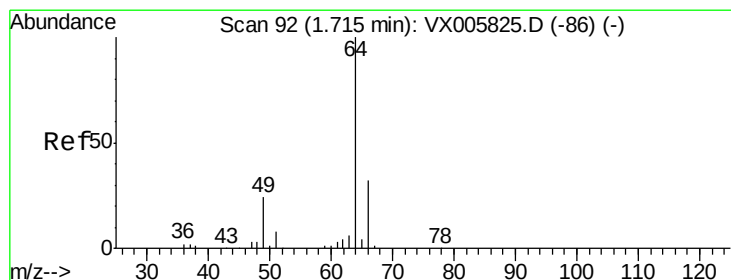
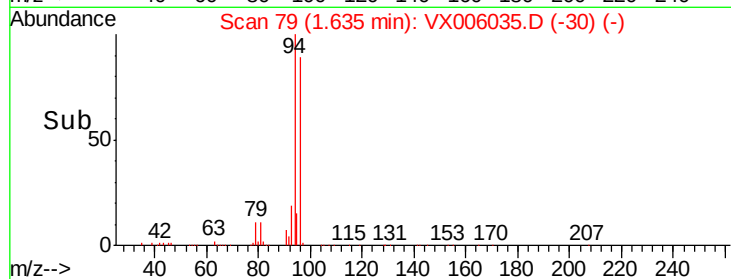
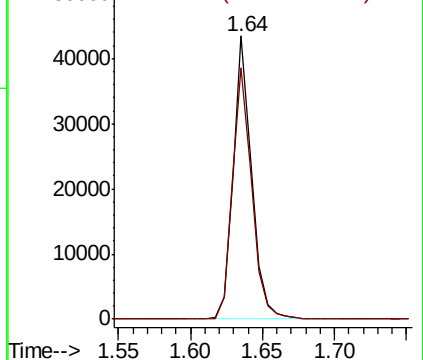
94 100

96 89.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.840 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006035.D

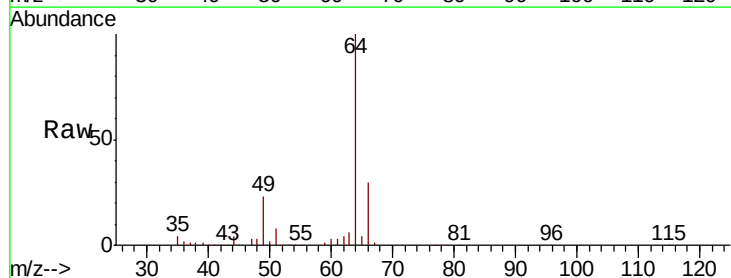
Acq: 15 Nov 2018 21:59

Tgt Ion: 64 Resp: 44777

Ion Ratio Lower Upper

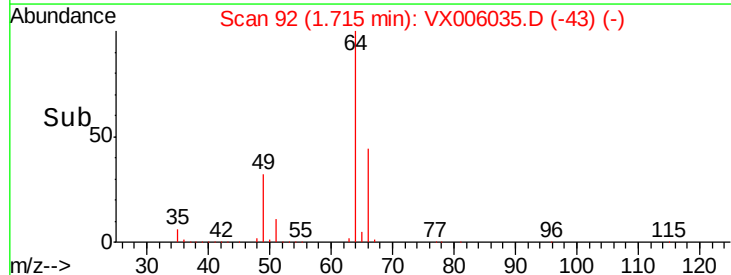
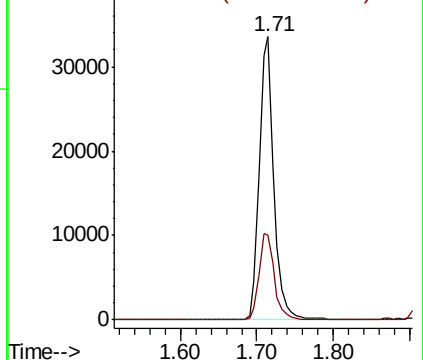
64 100

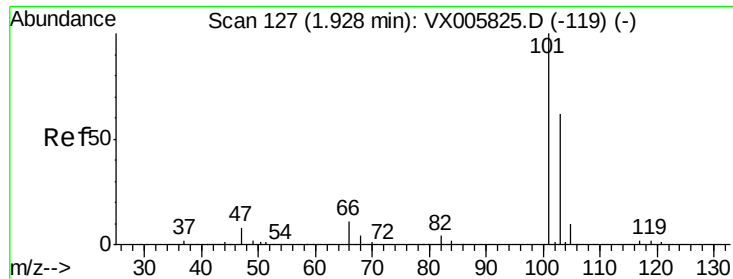
66 29.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



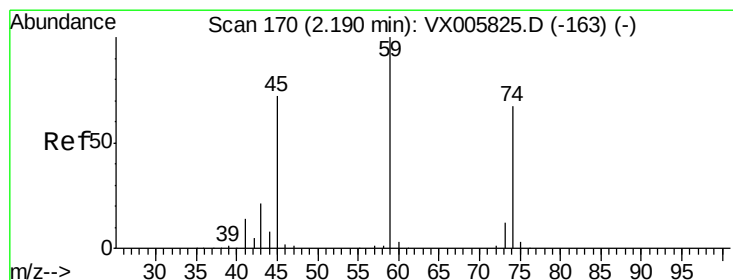
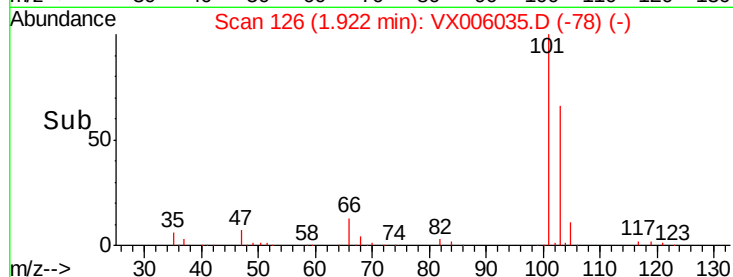
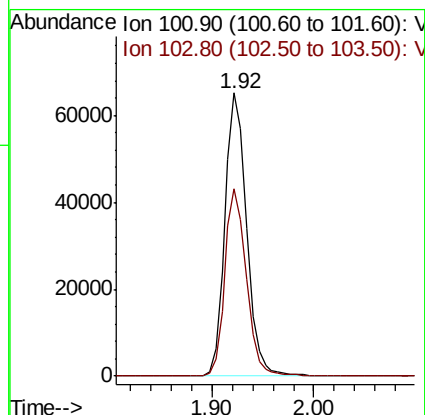
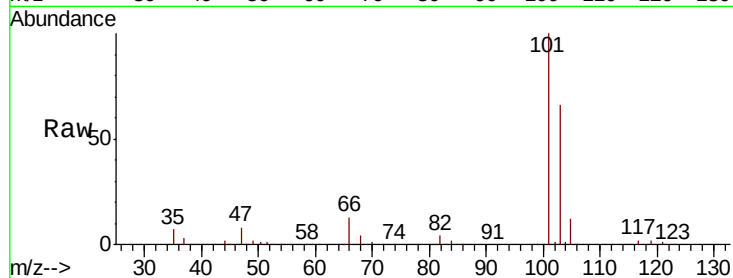


#7

Trichlorofluoromethane
 Concen: 40.579 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampled :

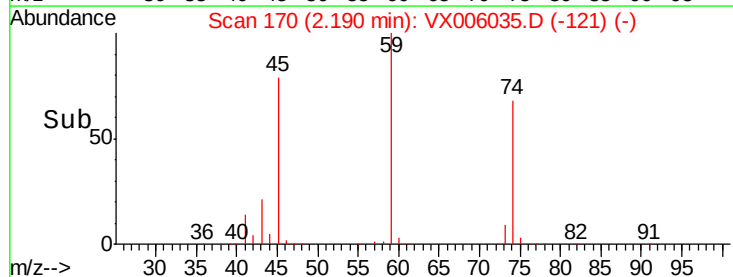
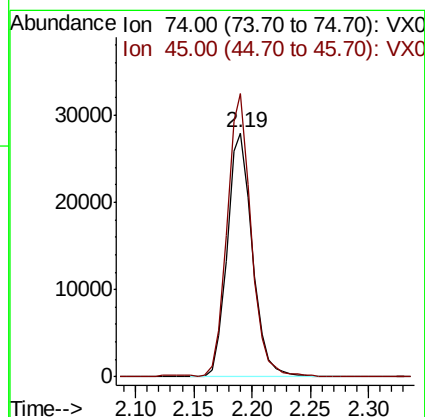
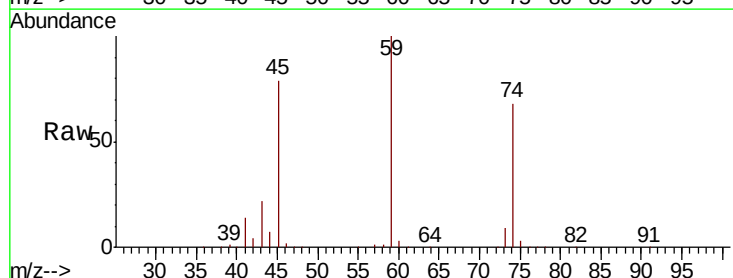
Tot Ion:101 Resp: 96611
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.0 75.0

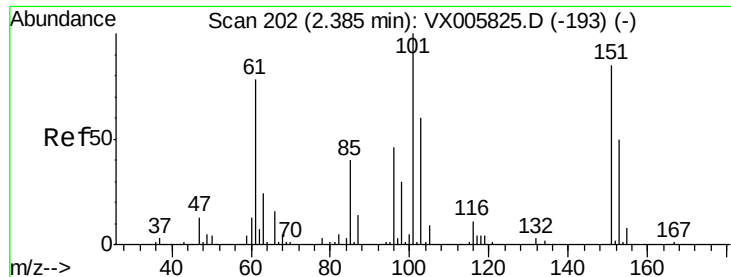


#8

Diethyl Ether
 Concen: 44.801 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 74 Resp: 41795
 Ion Ratio Lower Upper
 74 100
 45 109.6 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.433 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

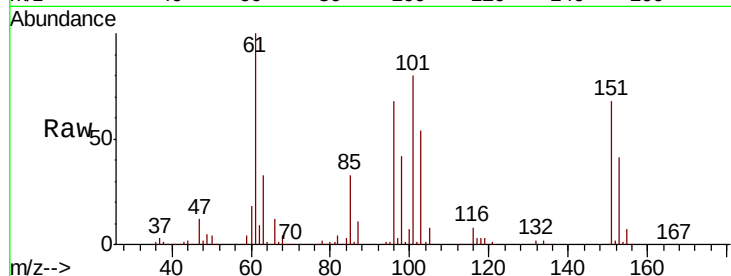
Tot Ion:101 Resp: 58103

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.4

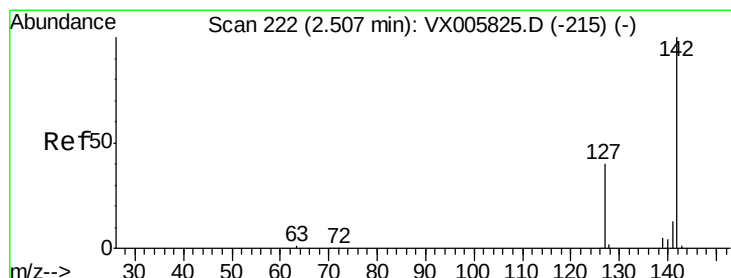
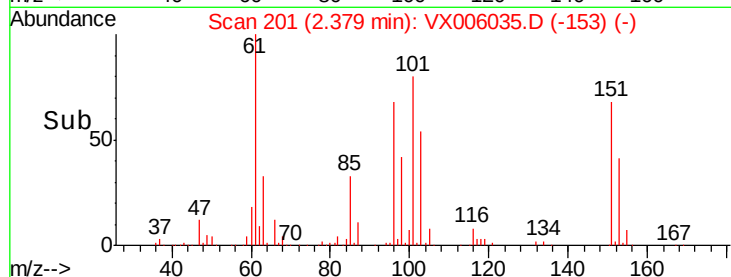
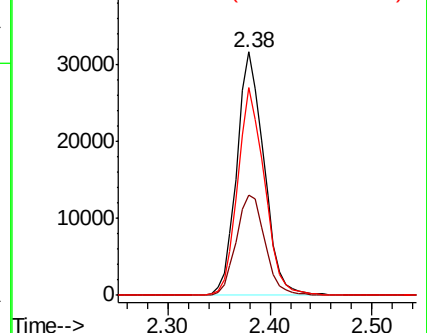
151 84.2 66.2 99.2



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: 44.299 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

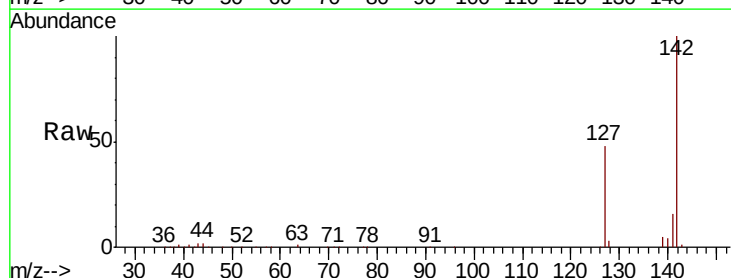
Tgt Ion:142 Resp: 73516

Ion Ratio Lower Upper

142 100

127 42.4 36.0 54.0

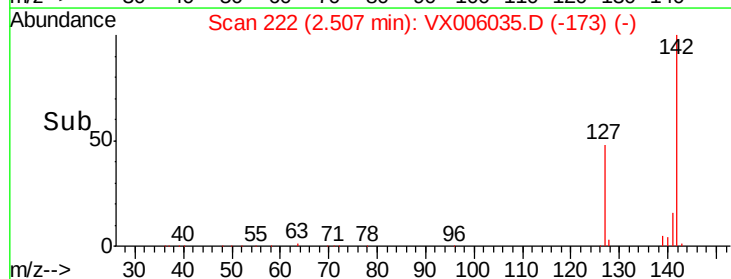
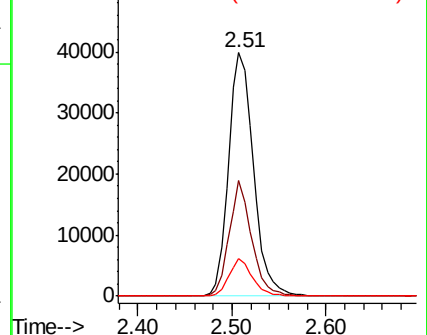
141 14.3 11.7 17.5

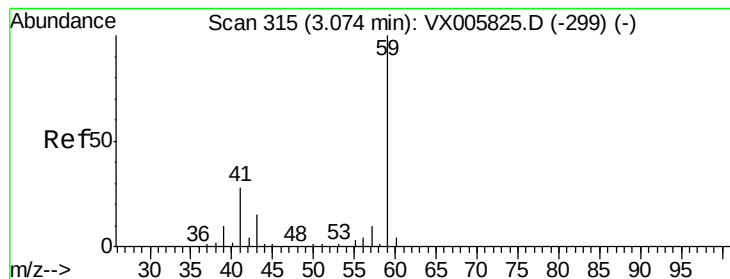


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



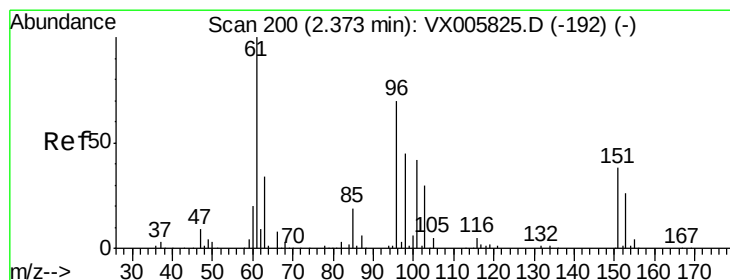
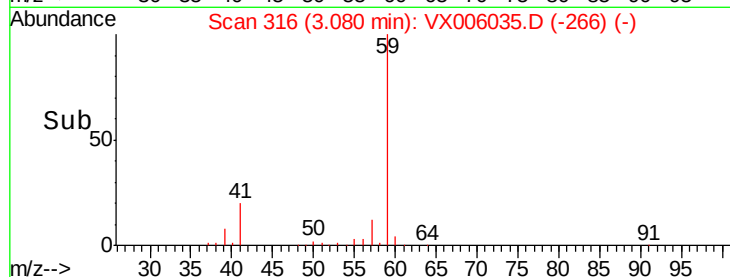
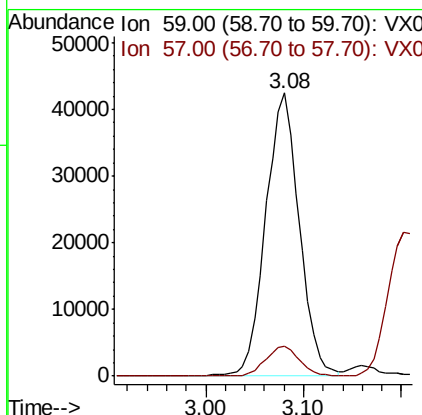
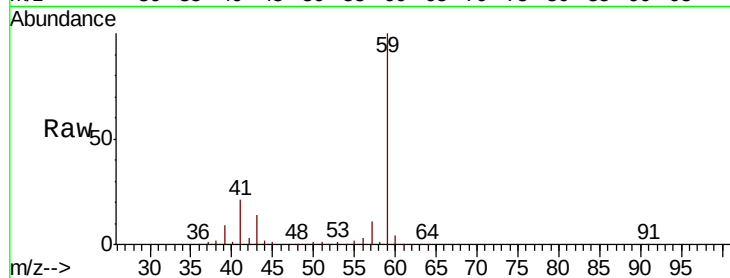


#11

Tert butyl alcohol
Concen: 204.773 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :

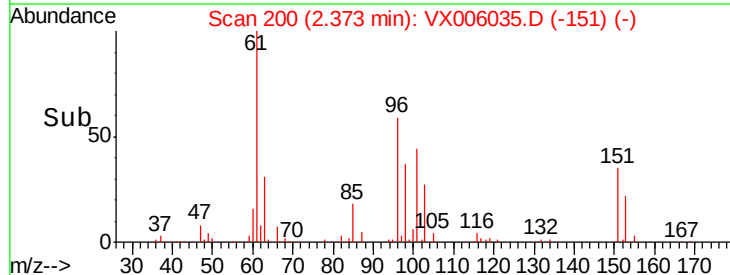
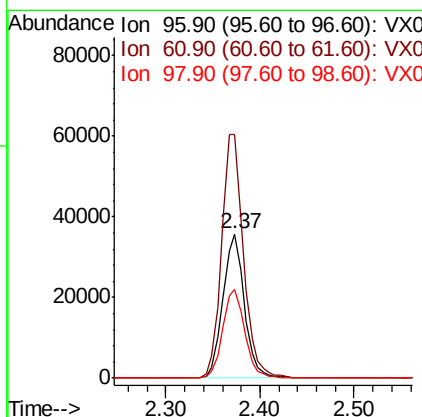
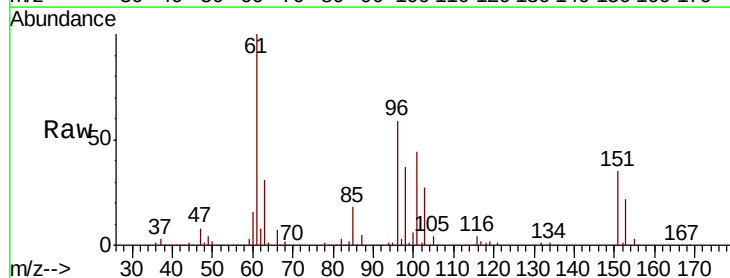
Tot Ion: 59 Resp: 101827
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

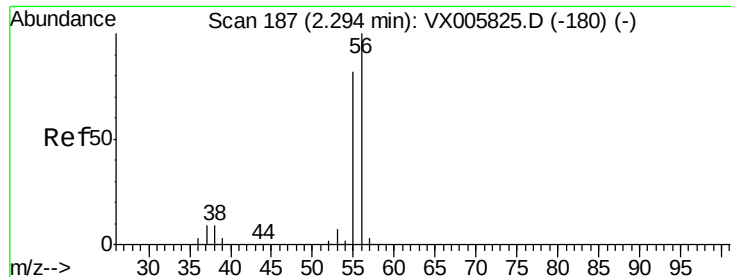


#12

1,1-Dichloroethene
Concen: 42.375 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 96 Resp: 56555
Ion Ratio Lower Upper
96 100
61 168.7 131.8 197.8
98 62.0 53.4 80.2





#13

Acrolein

Concen: 233.743 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

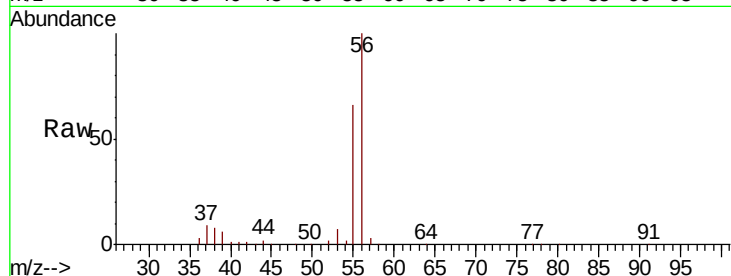
ClientSampleId :

Tot Ion: 56 Resp: 55101

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

20000

10000

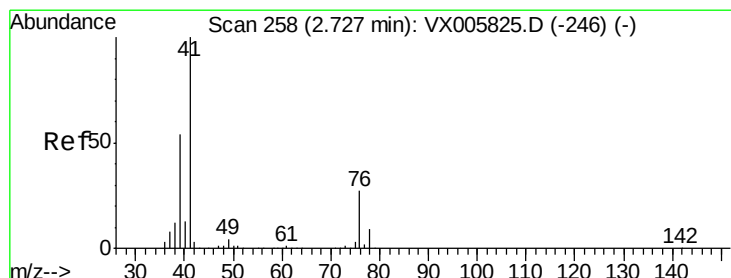
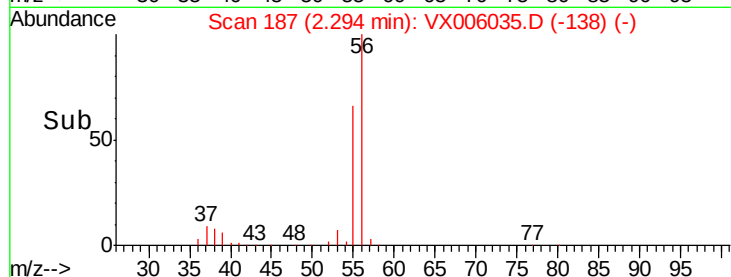
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 41.512 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

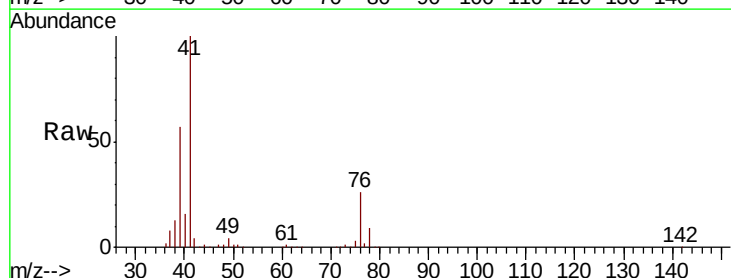
Tgt Ion: 41 Resp: 123736

Ion Ratio Lower Upper

41 100

39 58.4 48.2 72.4

76 29.4 21.9 32.9



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

80000

60000

40000

20000

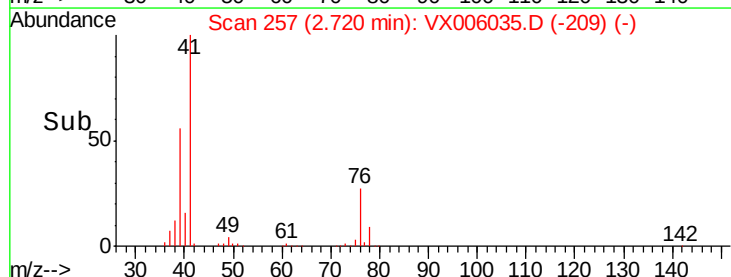
0

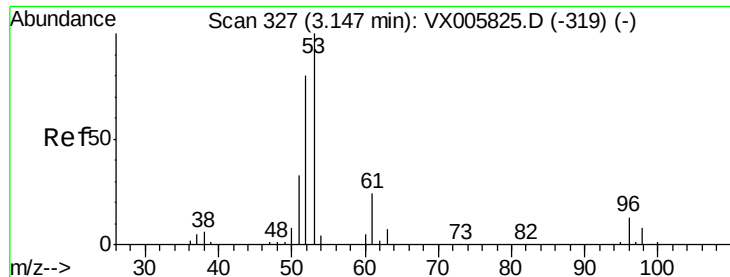
Time-->

2.60

2.70

2.80



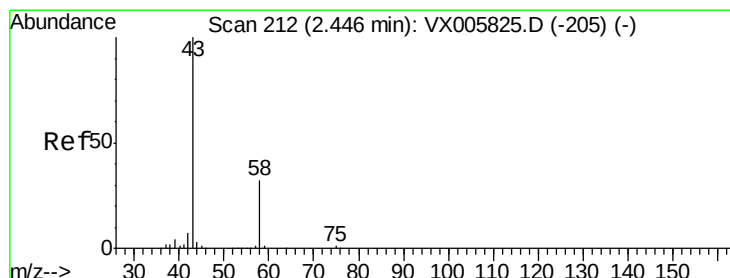
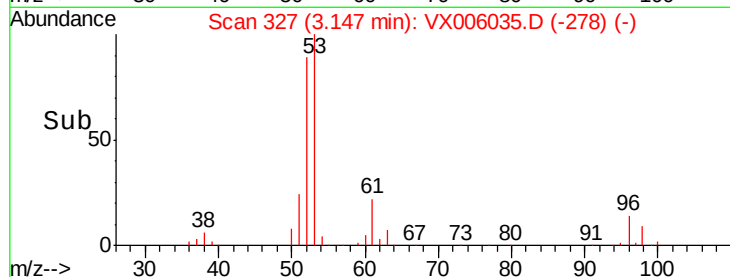
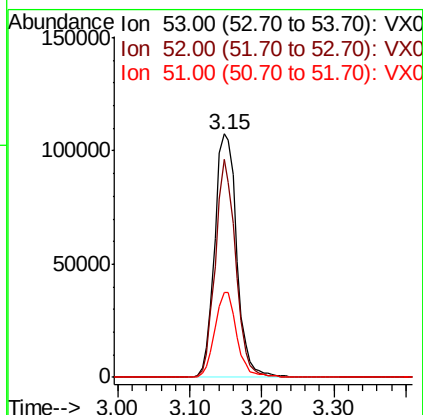
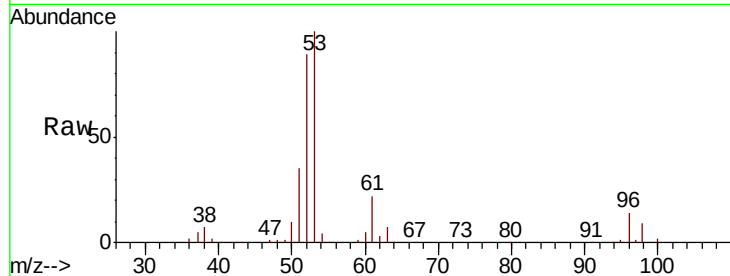


#15
 Acrylonitrile
 Concen: 221.181 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 227933

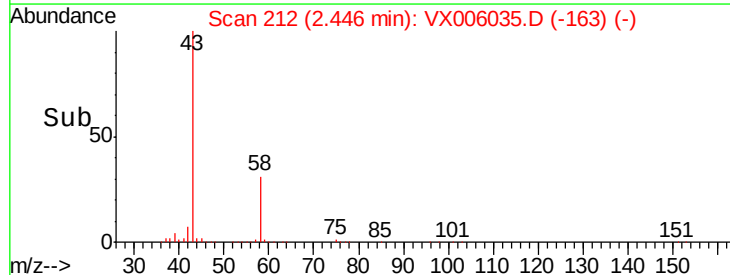
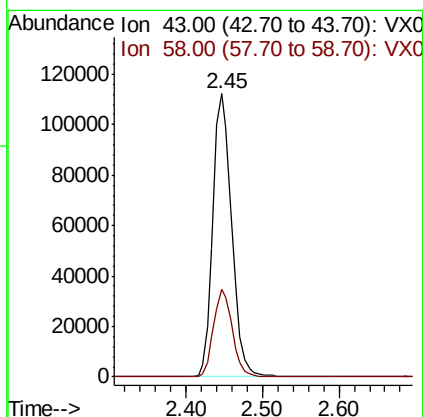
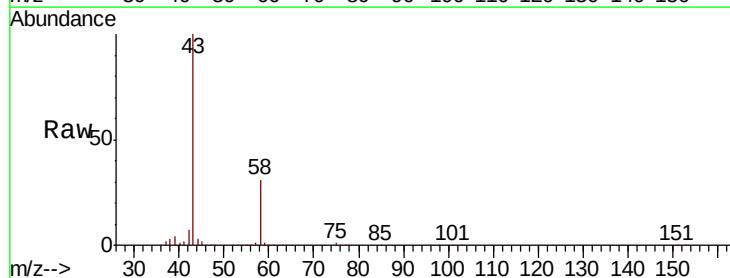
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	34.7	28.4	42.6

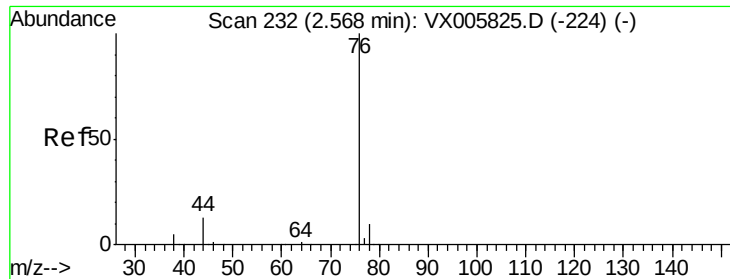


#16
 Acetone
 Concen: 203.880 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 190554

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.6

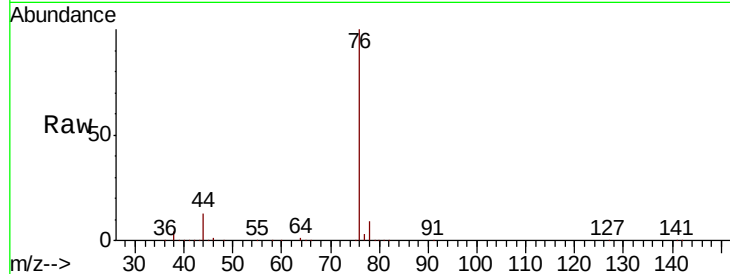




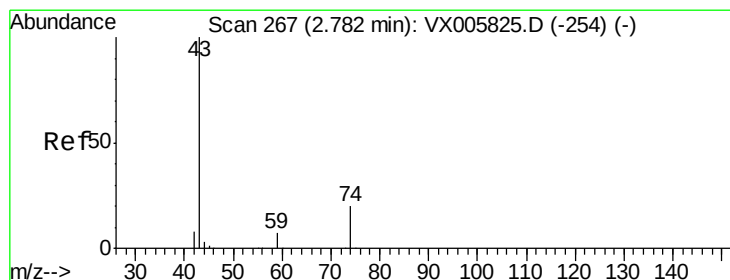
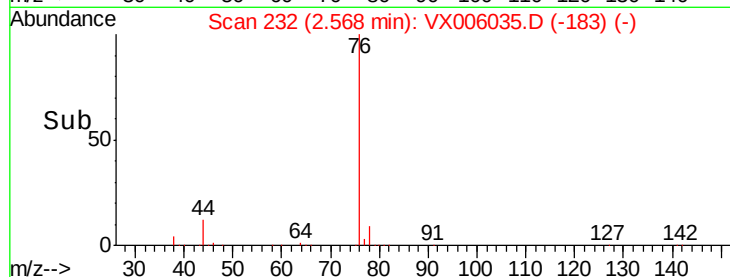
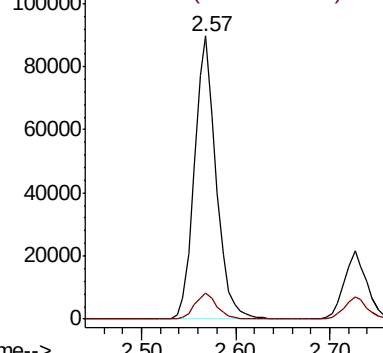
#17
Carbon Disulfide
Concen: 35.852 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 142724
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

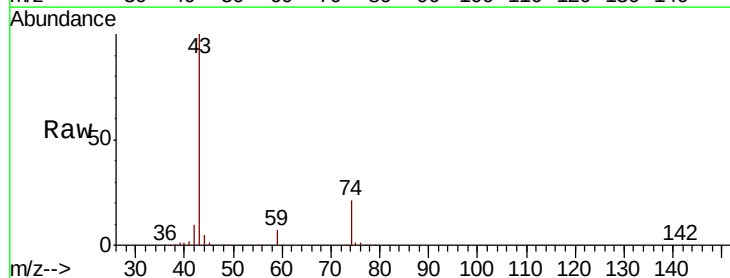


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

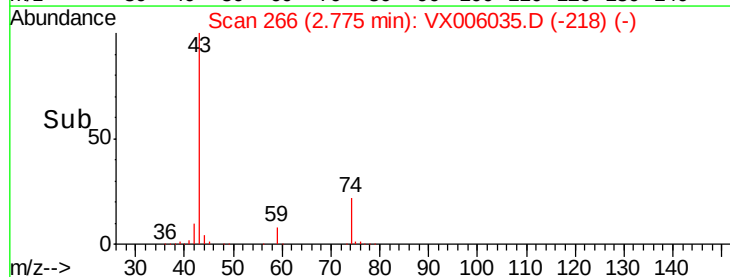
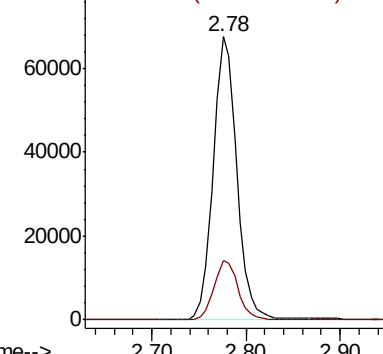


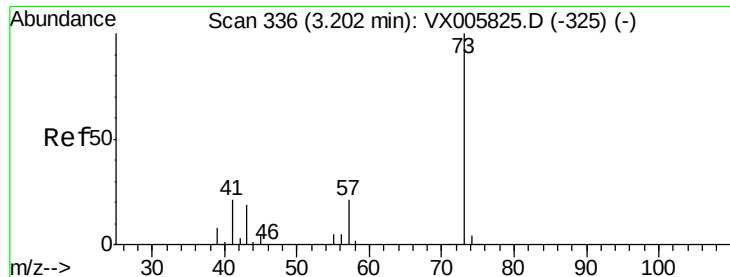
#18
Methyl Acetate
Concen: 47.049 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 118063
Ion Ratio Lower Upper
43 100
74 21.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



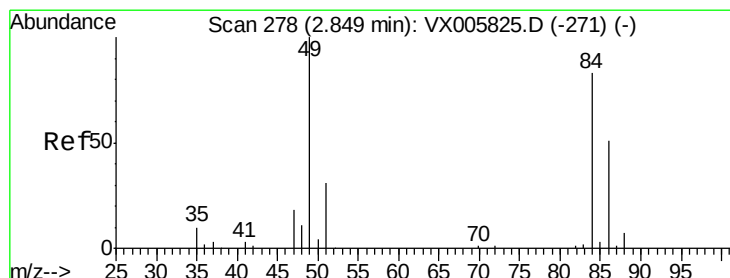
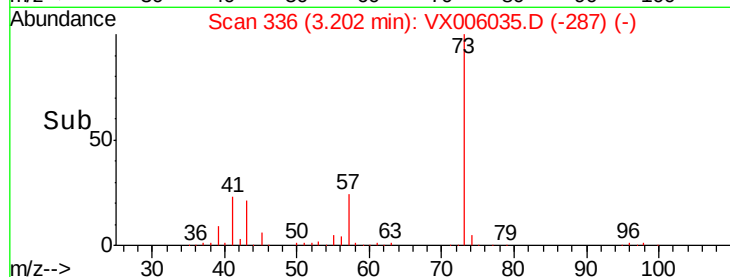
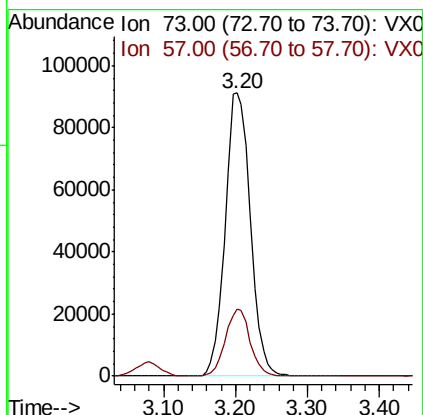
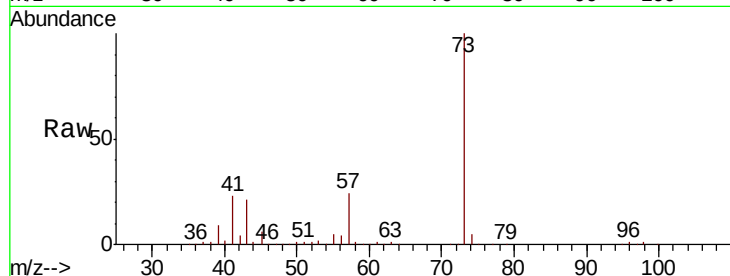


#19

Methyl tert-butyl Ether
 Concen: 48.592 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Instrument :
 MSVOA_X
 ClientSampled :

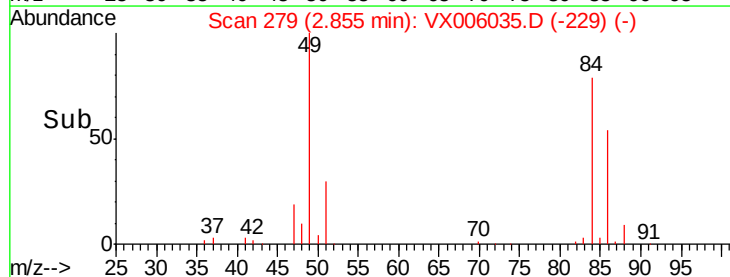
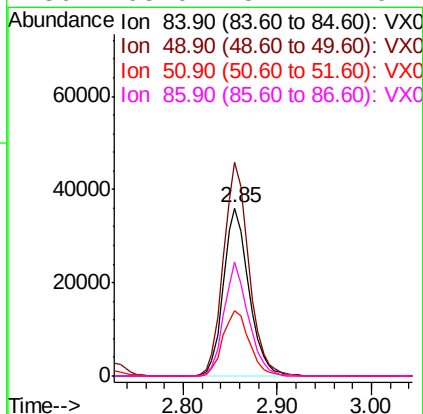
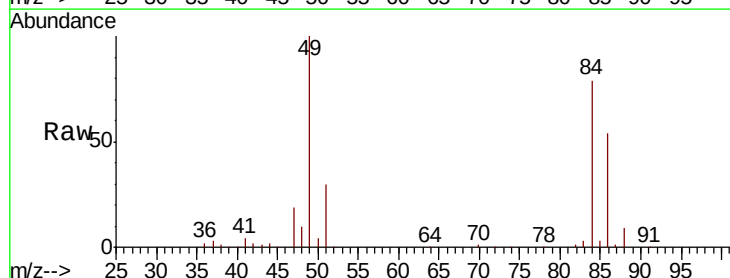
Tot Ion: 73 Resp: 221345
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.8 28.2

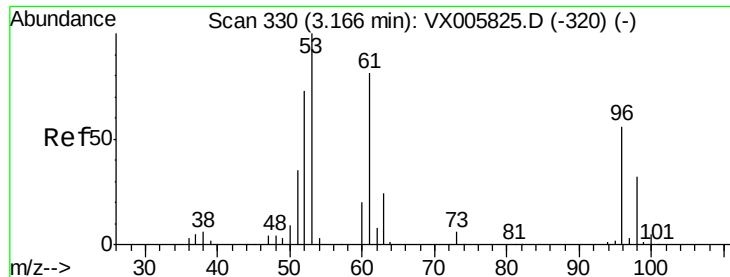


#20

Methylene Chloride
 Concen: 43.914 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 84 Resp: 67420
 Ion Ratio Lower Upper
 84 100
 49 127.0 109.5 164.3
 51 38.5 33.3 49.9
 86 68.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 43.014 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :

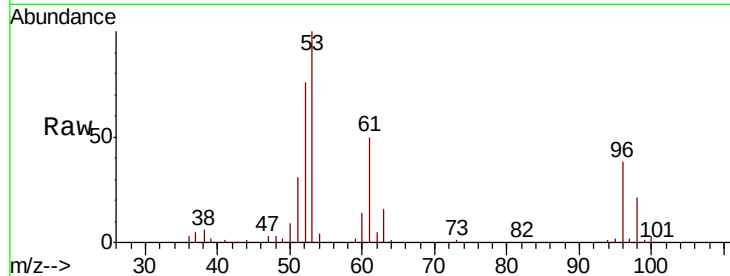
Tot Ion: 96 Resp: 60550

Ion Ratio Lower Upper

96 100

61 133.4 115.6 173.4

98 55.5 50.2 75.2

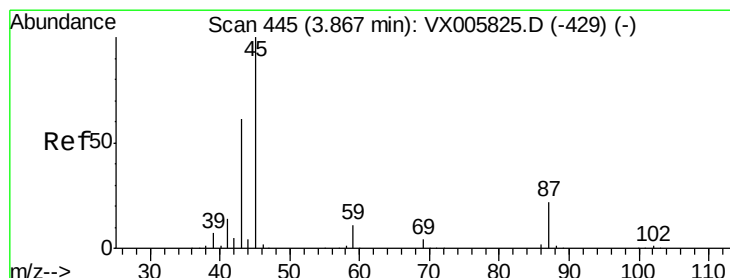
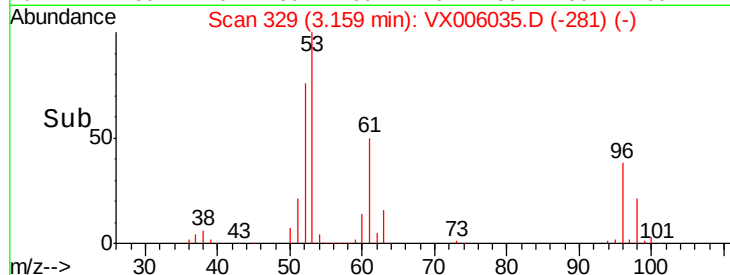
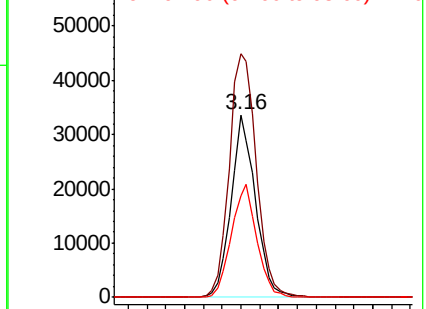


Abundance

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: 46.802 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion: 45 Resp: 244383

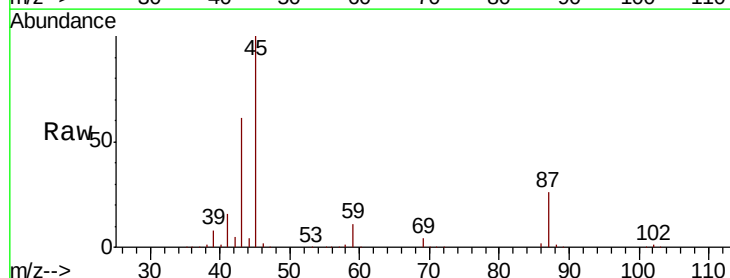
Ion Ratio Lower Upper

45 100

43 60.9 47.4 71.2

87 25.8 15.9 23.9#

59 10.5 7.7 11.5



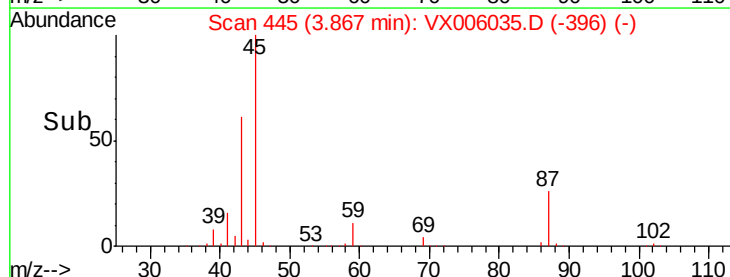
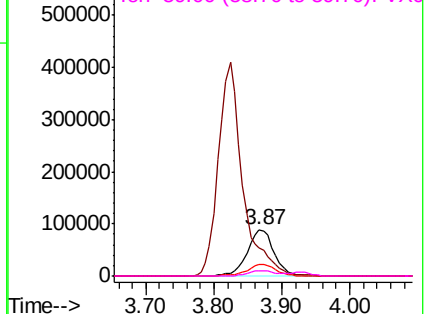
Abundance

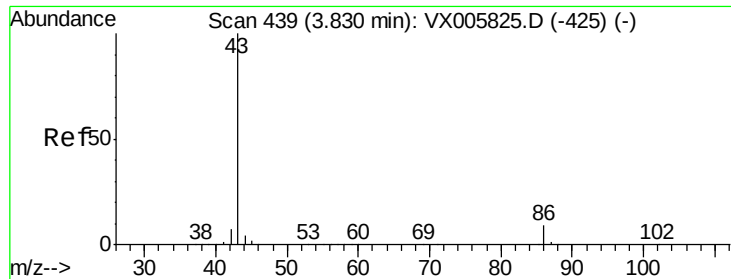
Ion 45.00 (44.70 to 45.70): VX0

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: 228.364 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

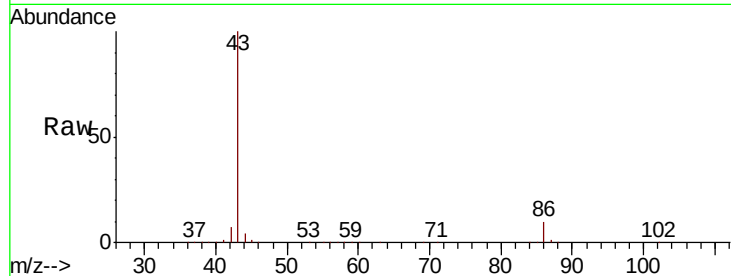
ClientSampleId :

Tot Ion: 43 Resp: 1022404

Ion Ratio Lower Upper

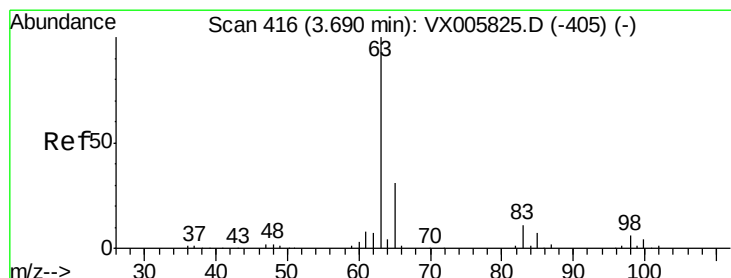
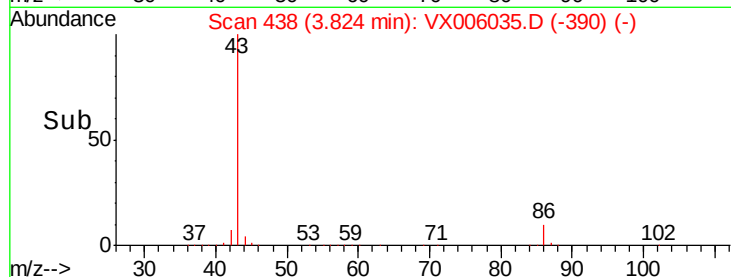
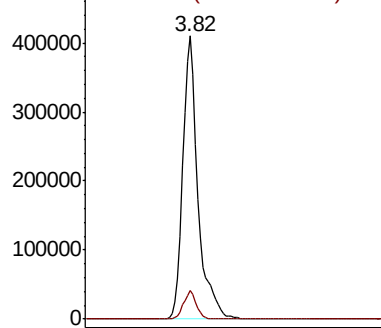
43 100

86 10.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.654 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

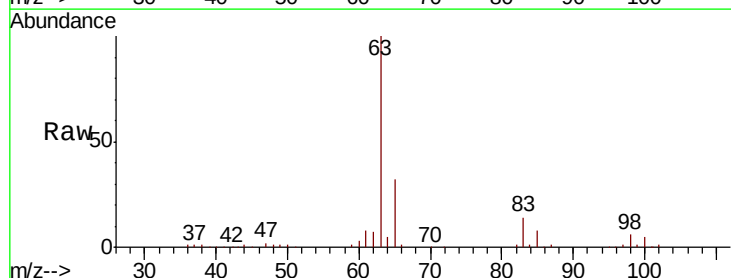
Tgt Ion: 63 Resp: 124397

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

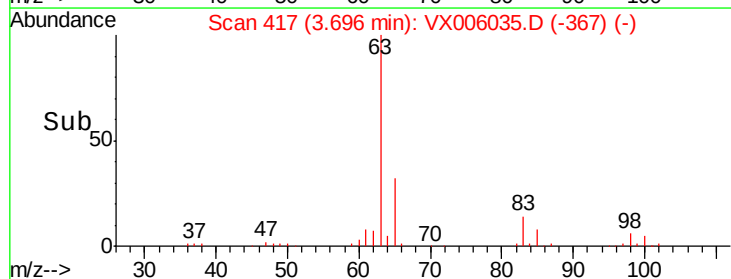
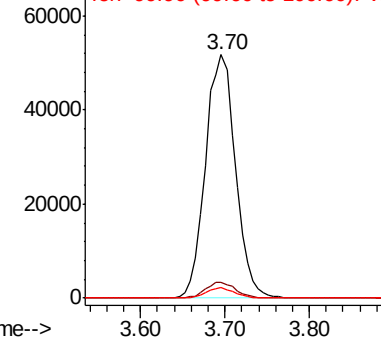
100 4.6 2.1 6.2

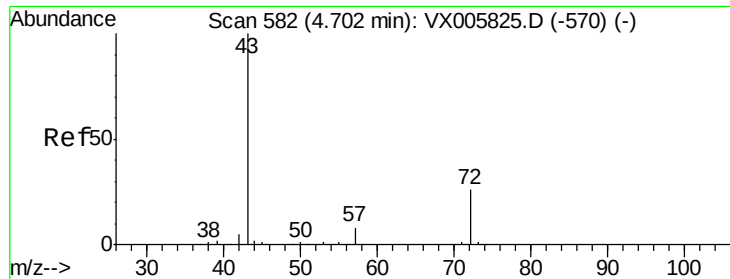


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 220.491 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

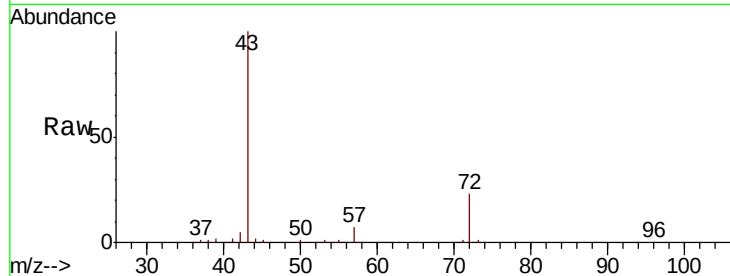
ClientSampled :

Tot Ion: 43 Resp: 323990

Ion Ratio Lower Upper

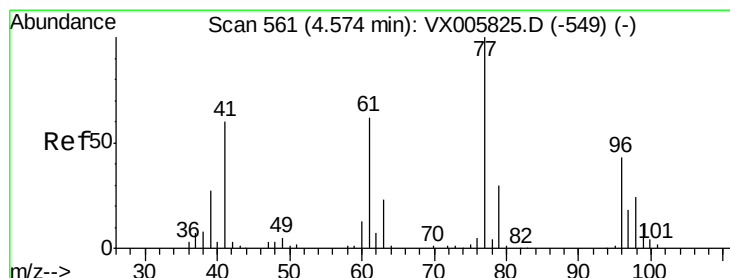
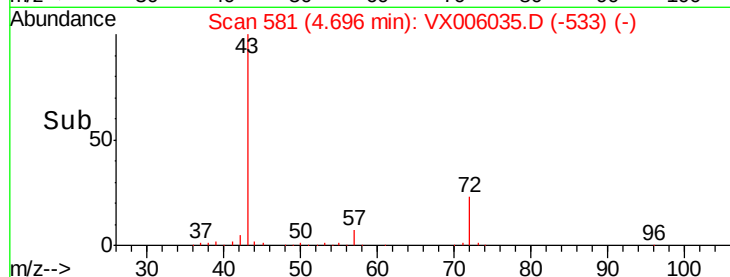
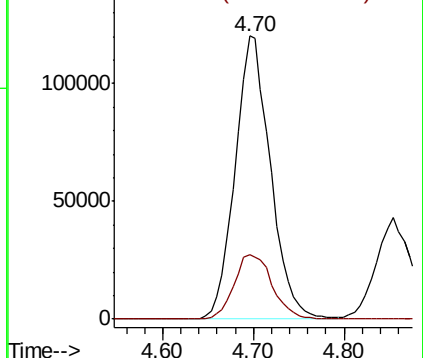
43 100

72 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.708 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006035.D

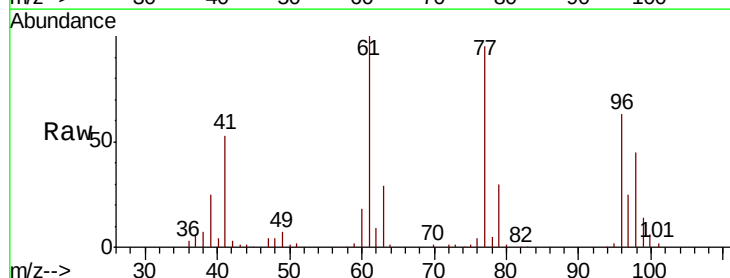
Acq: 15 Nov 2018 21:59

Tgt Ion: 77 Resp: 83189

Ion Ratio Lower Upper

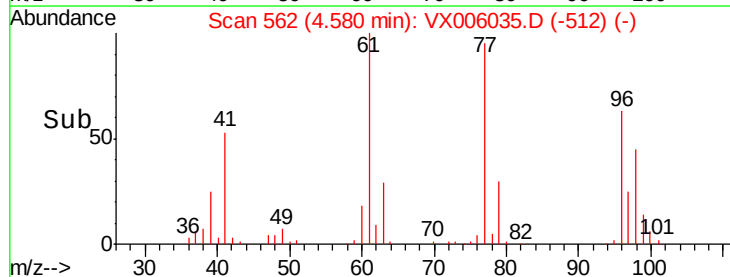
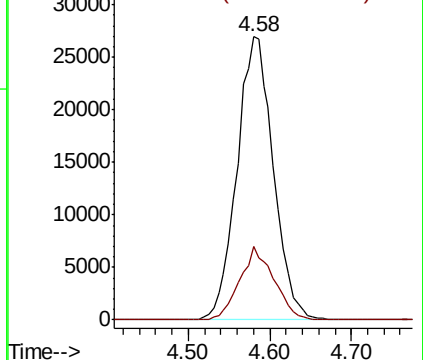
77 100

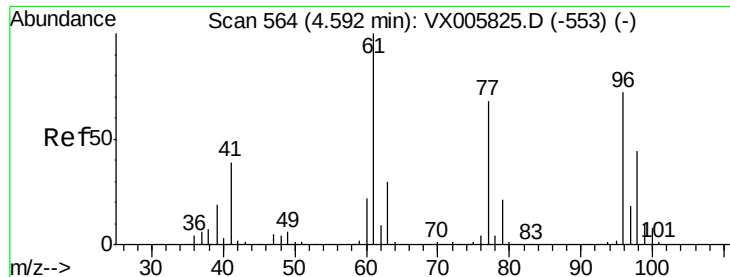
97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



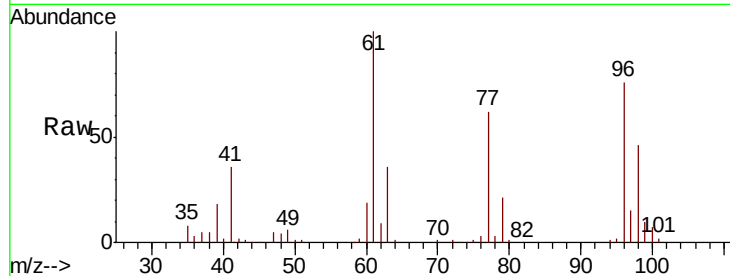


#27

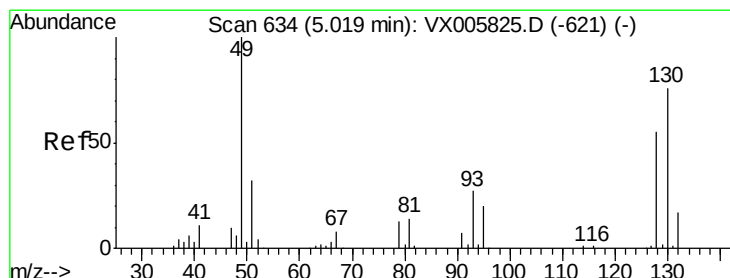
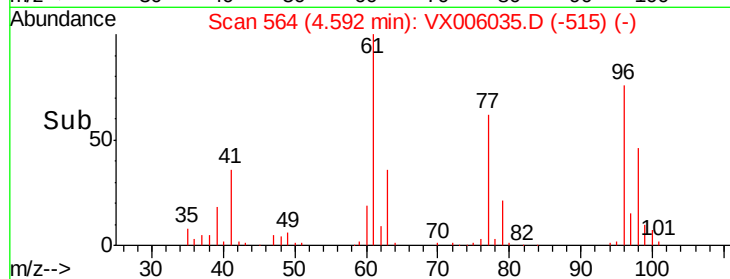
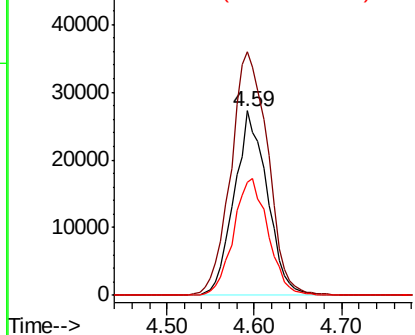
cis-1,2-Dichloroethene
Concen: 45.976 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 71463
Ion Ratio Lower Upper
96 100
61 147.7 0.0 304.6
98 66.2 0.0 127.4



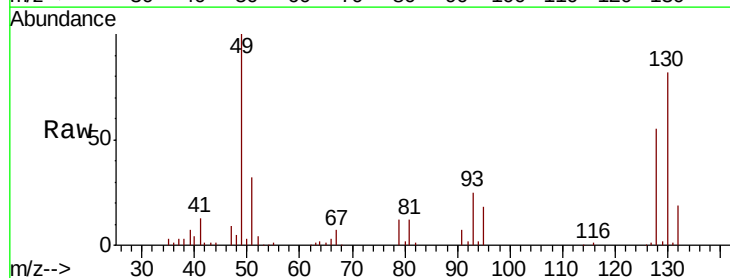
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



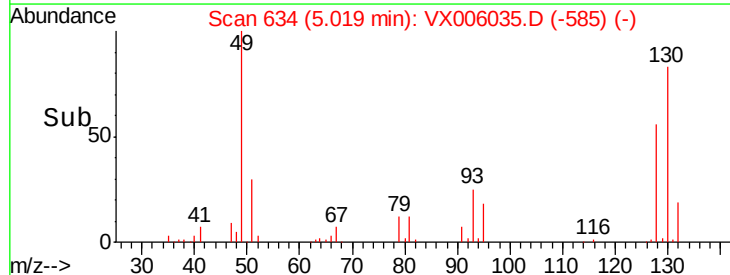
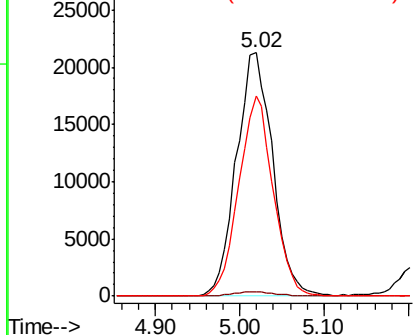
#28

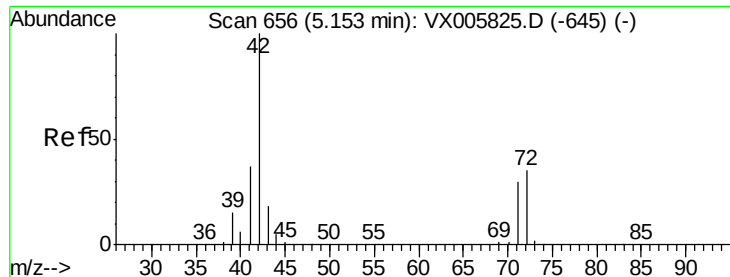
Bromochloromethane
Concen: 49.605 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 49 Resp: 61760
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 78.0 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 218.823 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

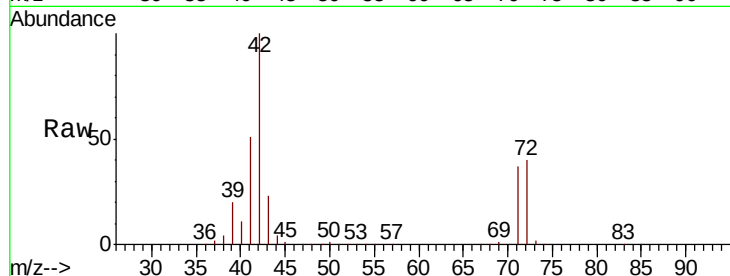
Tot Ion: 42 Resp: 206452

Ion Ratio Lower Upper

42 100

72 42.5 32.0 48.0

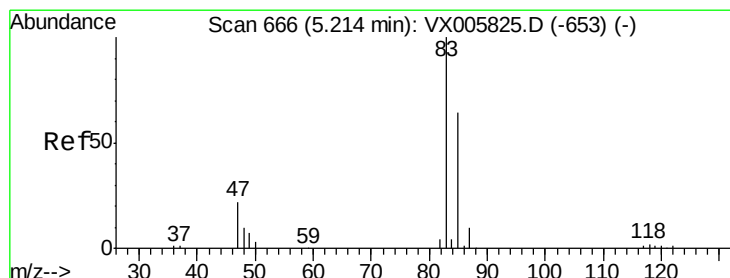
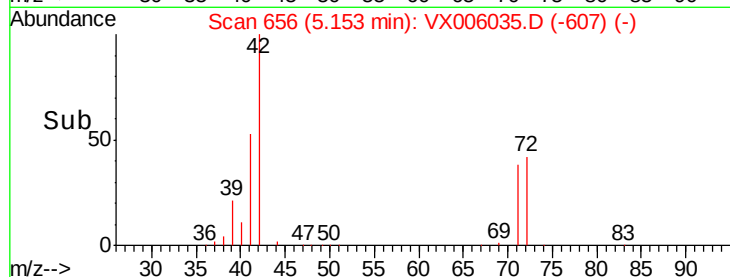
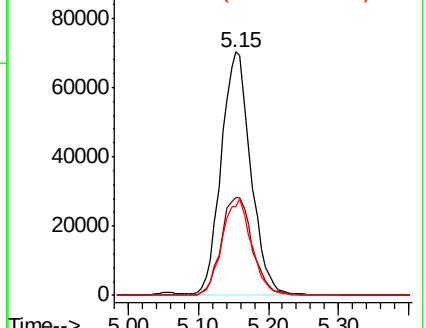
71 39.5 29.8 44.8



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: 45.655 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006035.D

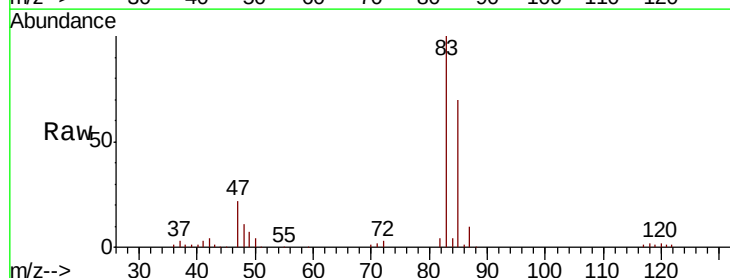
Acq: 15 Nov 2018 21:59

Tgt Ion: 83 Resp: 122706

Ion Ratio Lower Upper

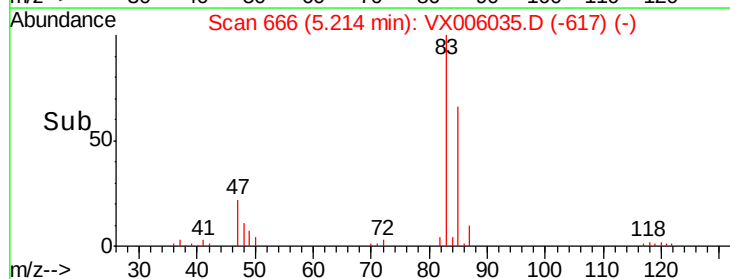
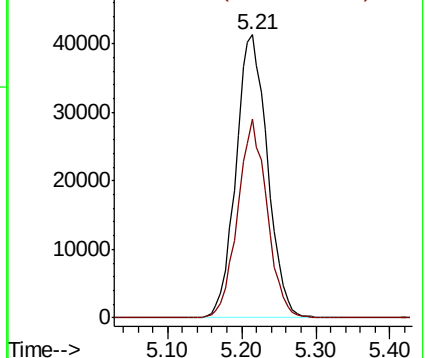
83 100

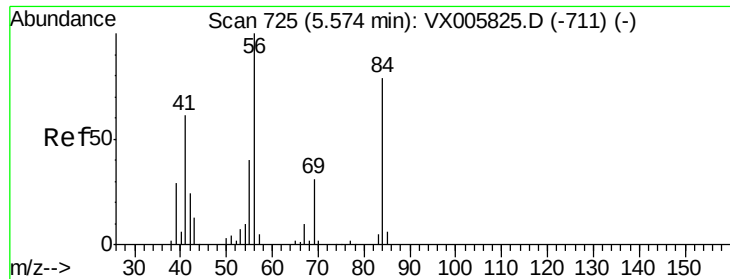
85 70.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

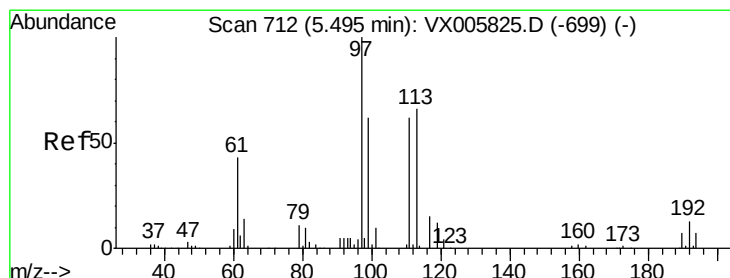
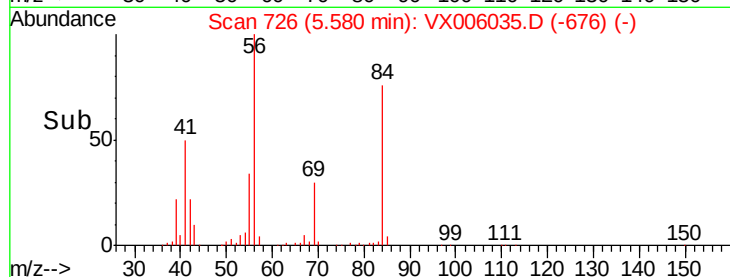
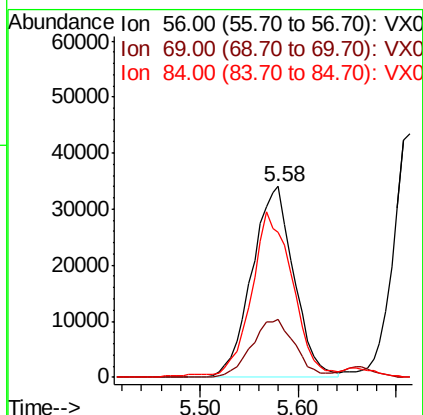
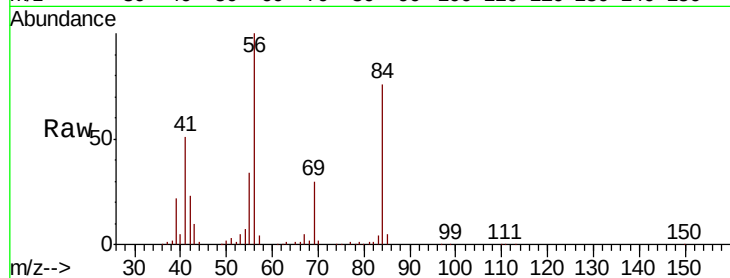




#31
Cyclohexane
Concen: 42.016 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

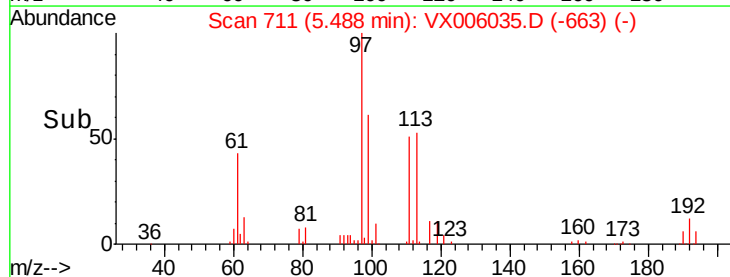
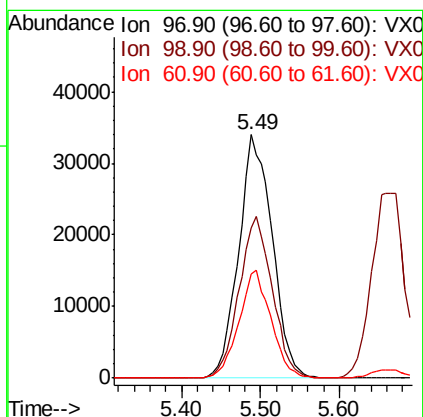
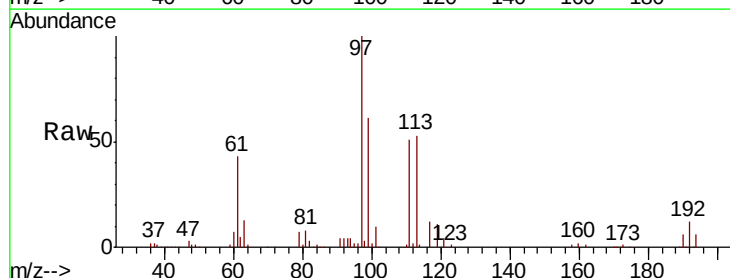
Instrument :
MSVOA_X
ClientSampled :

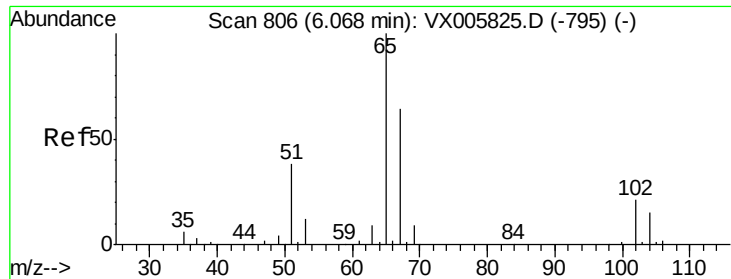
Tot Ion: 56 Resp: 101604
Ion Ratio Lower Upper
56 100
69 30.3 22.6 34.0
84 74.6 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 44.879 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 97 Resp: 100609
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 42.2 35.2 52.8

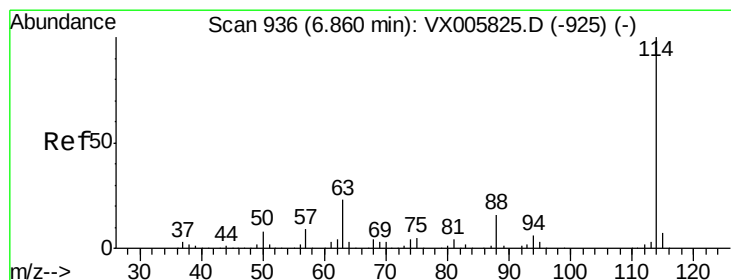
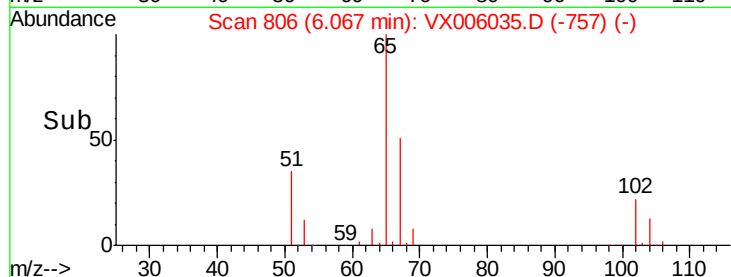
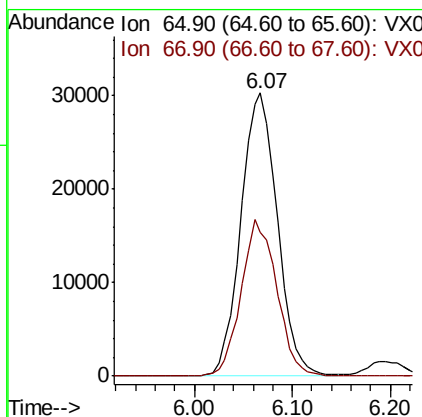
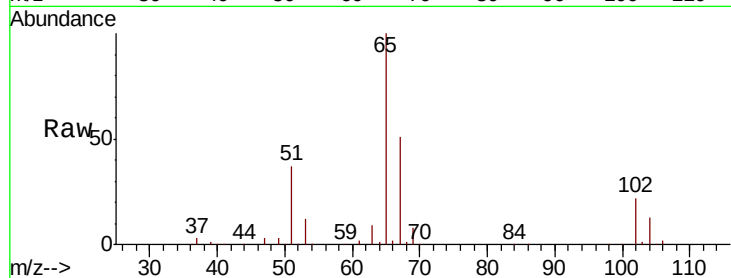




#33
 1,2-Dichloroethane-d4
 Concen: 45.261 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

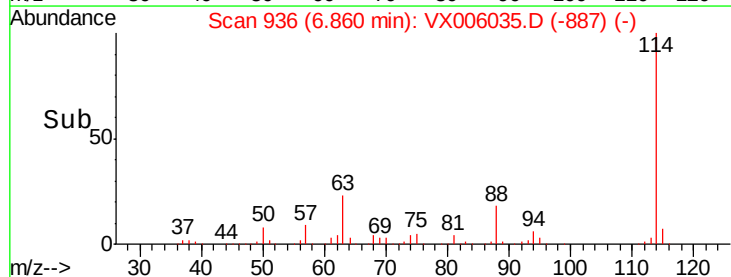
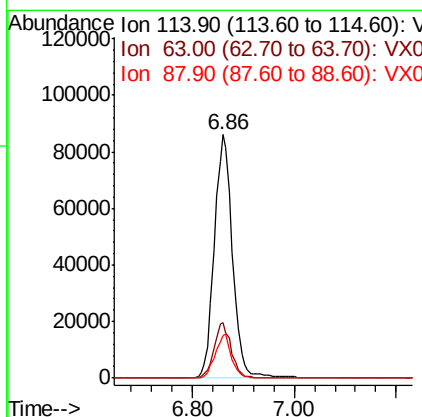
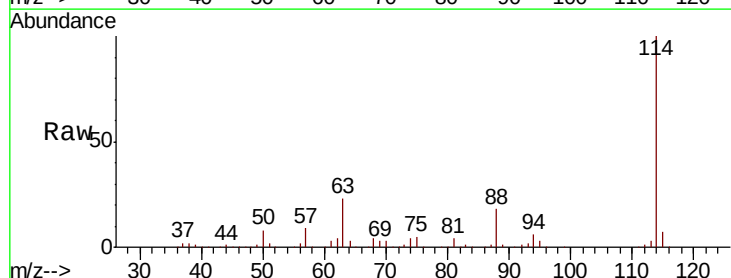
Instrument :
 MSVOA_X
 ClientSampleId :

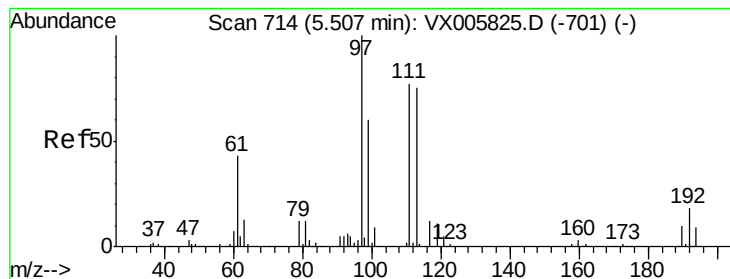
Tot Ion: 65 Resp: 78568
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion:114 Resp: 213986
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.8
 88 17.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.941 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

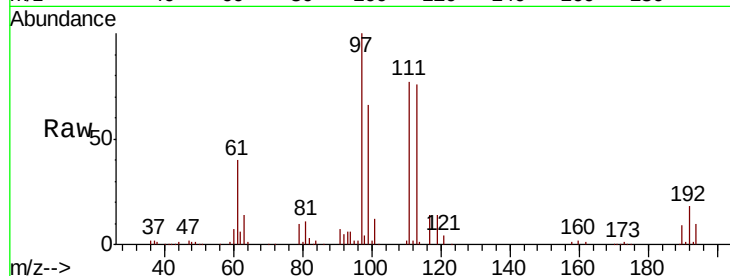
Tot Ion:113 Resp: 65409

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

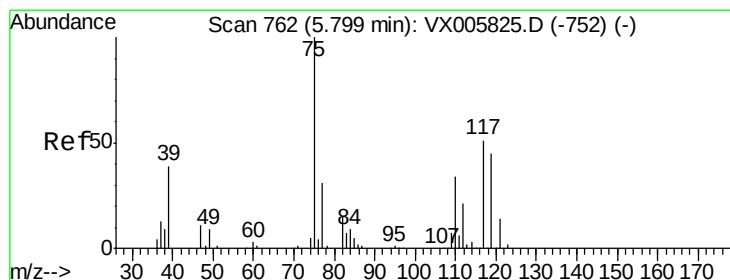
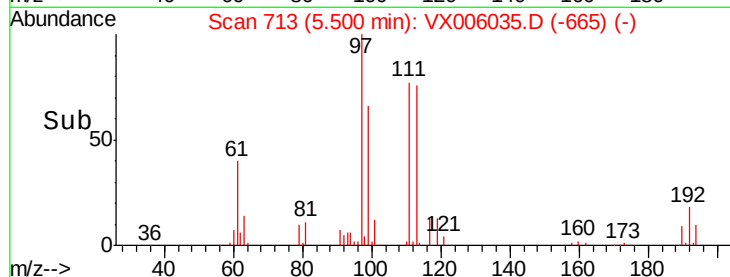
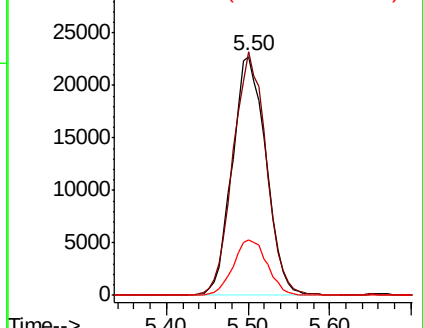
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.590 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

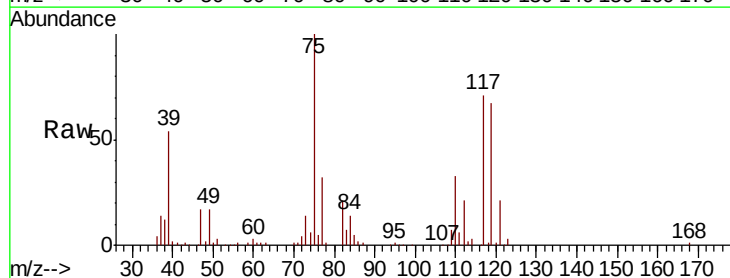
Tgt Ion: 75 Resp: 89920

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

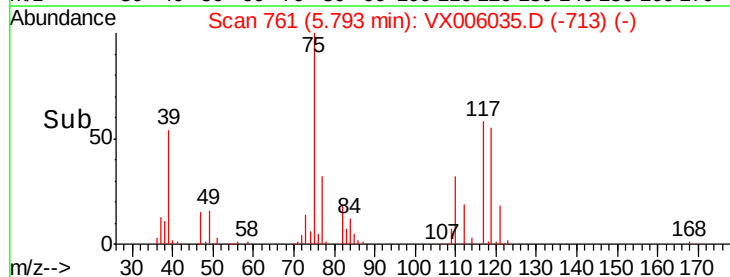
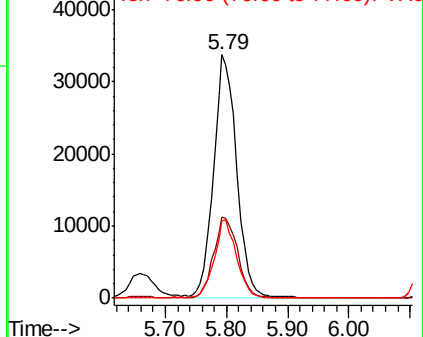
77 31.0 25.8 38.6

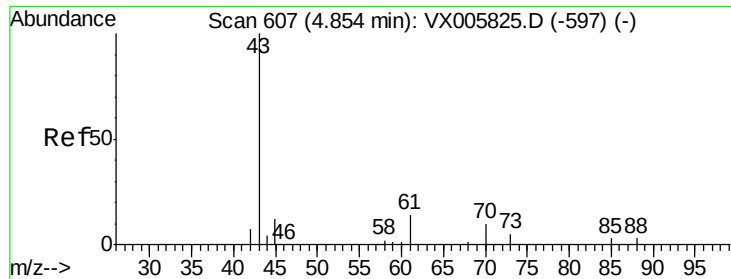


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

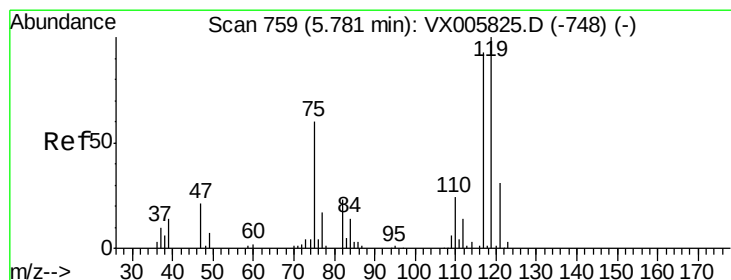
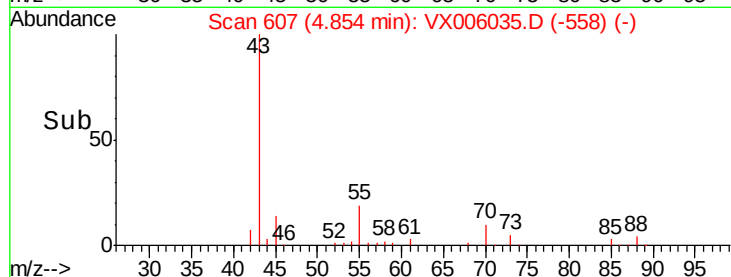
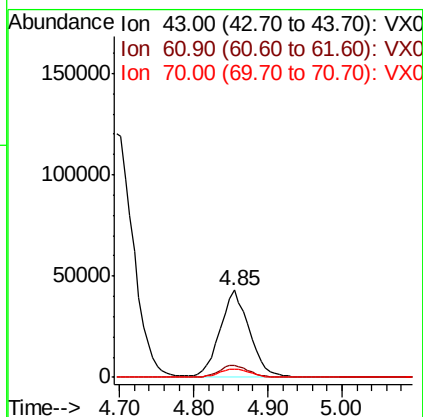
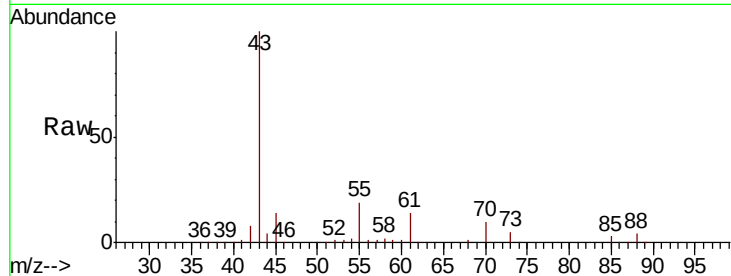




#37
Ethyl Acetate
Concen: 43.683 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

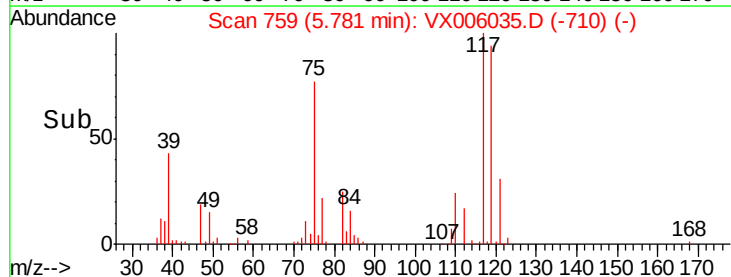
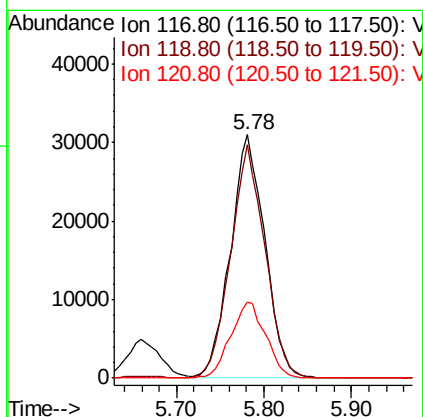
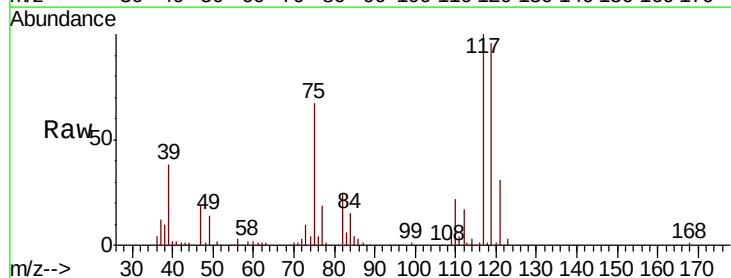
Instrument :
MSVOA_X
ClientSampleId :

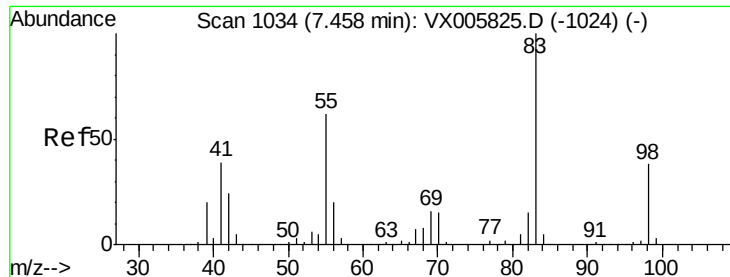
Tot Ion: 43 Resp: 118500
Ion Ratio Lower Upper
43 100
61 14.5 10.8 16.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.228 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 117 Resp: 85143
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1
121 31.2 24.6 36.8

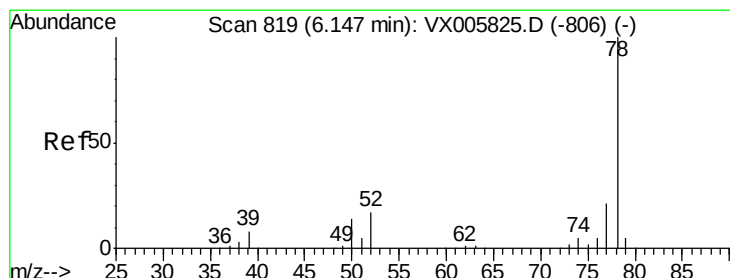
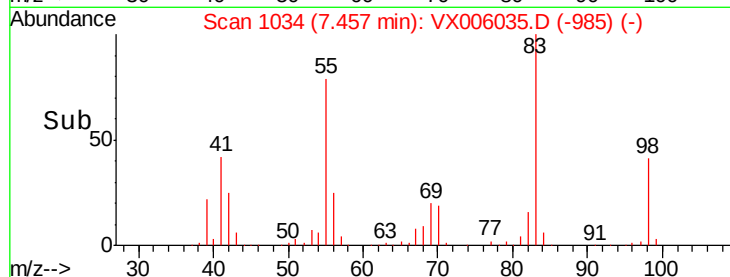
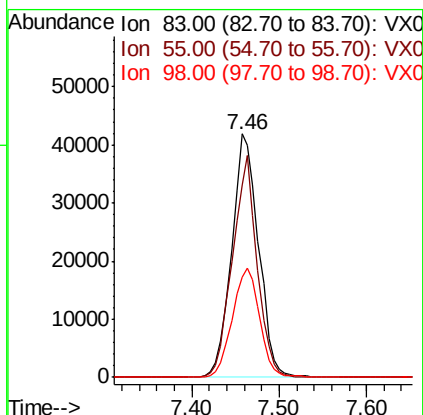
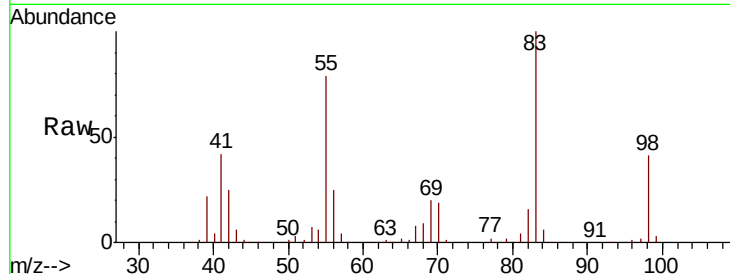




#39
Methylvlcyclohexane
Concen: 42.825 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

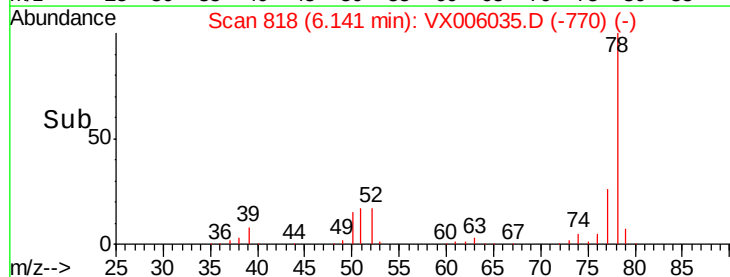
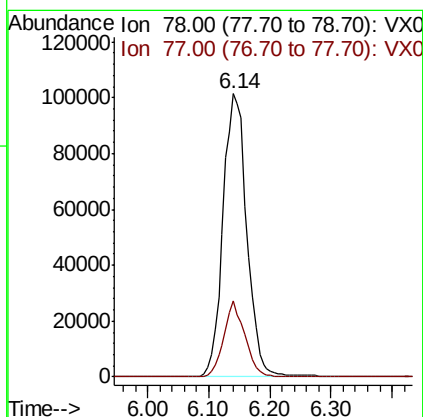
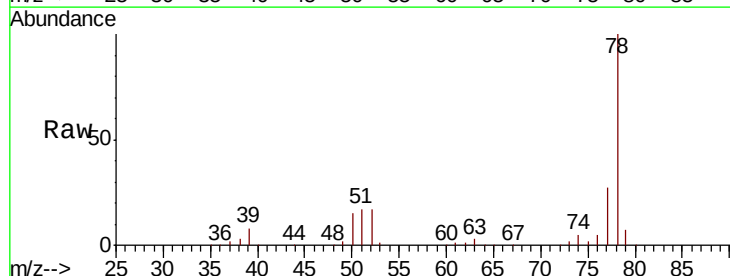
Instrument :
MSVOA_X
ClientSampled :

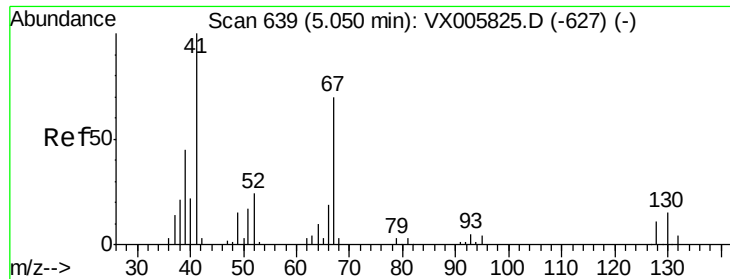
Tot Ion	83.00	Resp	89537
Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.7	95.5
98	41.3	36.2	54.2



#40
Benzene
Concen: 45.397 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion	78	Resp	273005
Ion	Ratio	Lower	Upper
78	100		
77	26.7	18.4	27.6

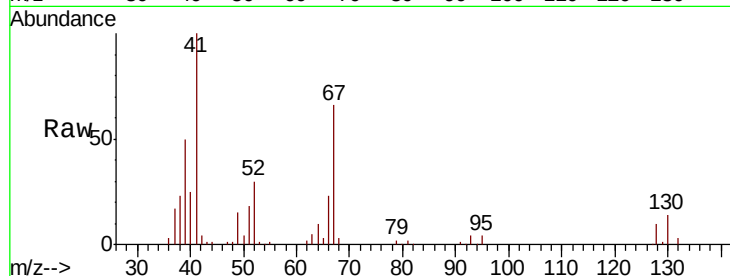




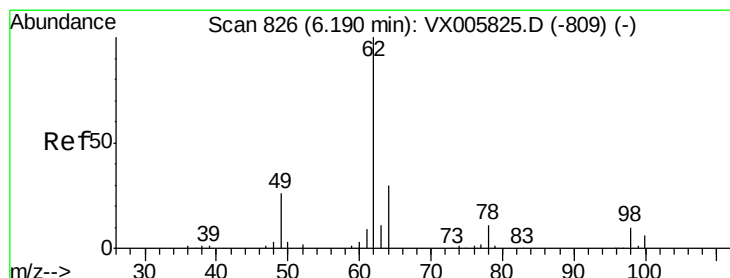
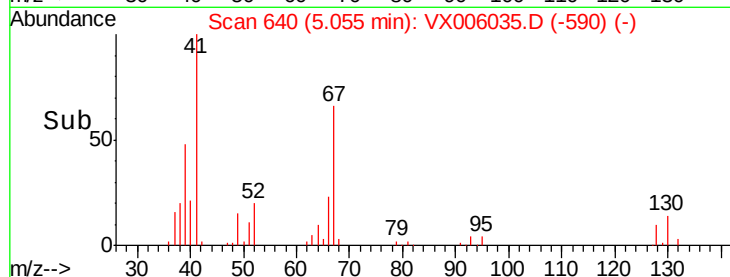
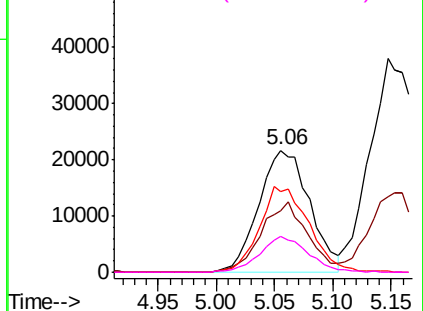
#41
Methacrylonitrile
Concen: 44.852 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	65745
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	68.4	53.4	80.0
52	28.6	23.4	35.2

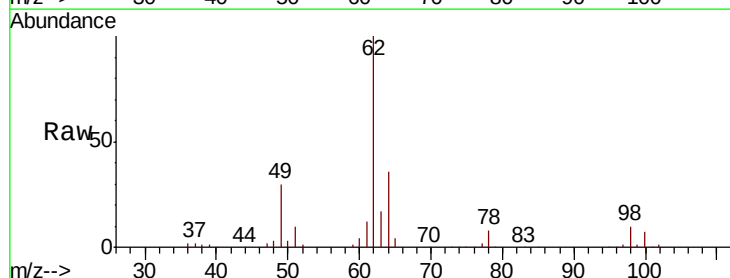


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

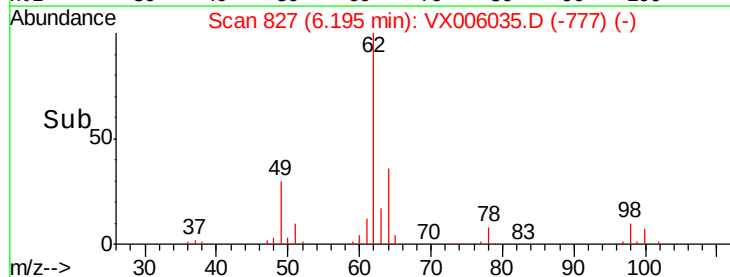
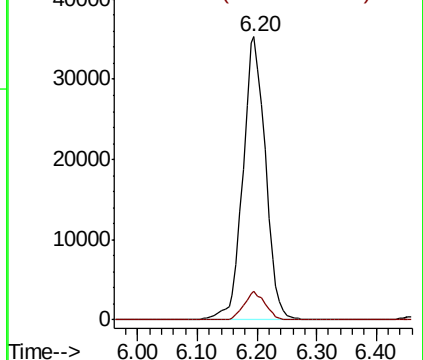


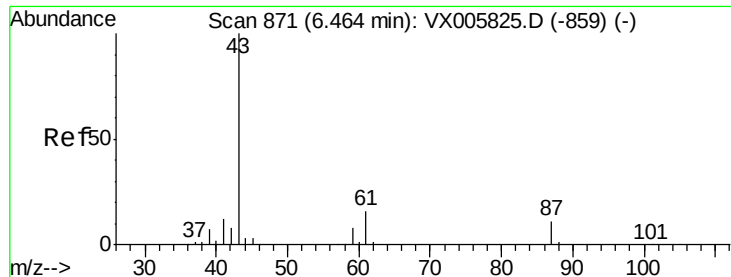
#42
1,2-Dichloroethane
Concen: 43.275 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:	62	Resp:	93214
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 47.138 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

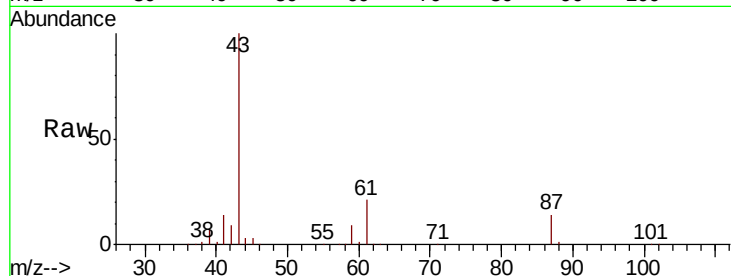
Tot Ion: 43 Resp: 185287

Ion Ratio Lower Upper

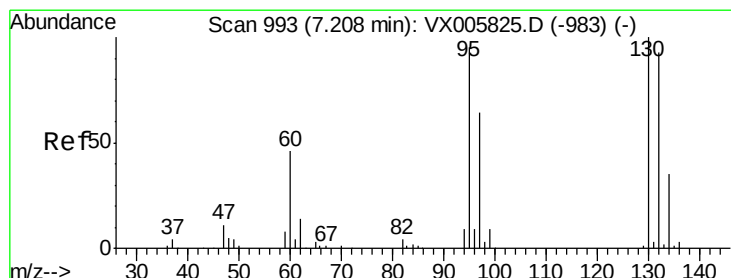
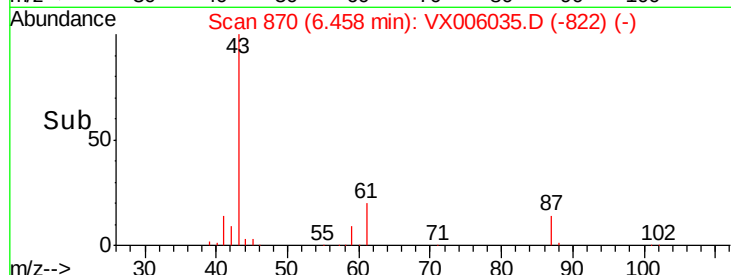
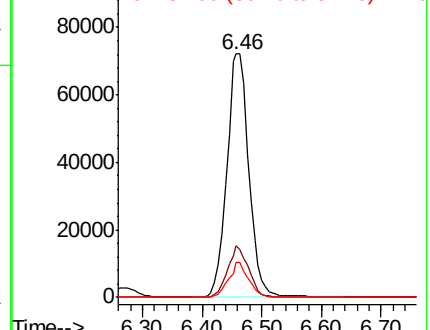
43 100

61 20.1 14.6 22.0

87 12.9 9.6 14.4



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



#44

Trichloroethene

Concen: 46.482 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX006035.D

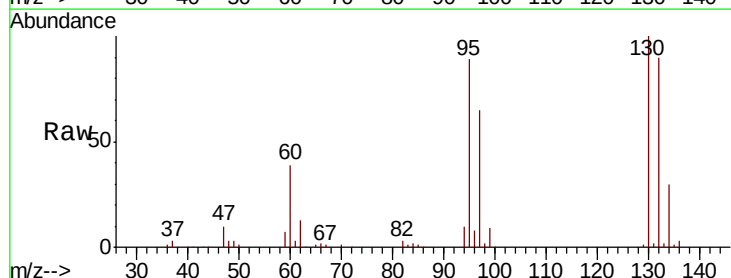
Acq: 15 Nov 2018 21:59

Tgt Ion:130 Resp: 70989

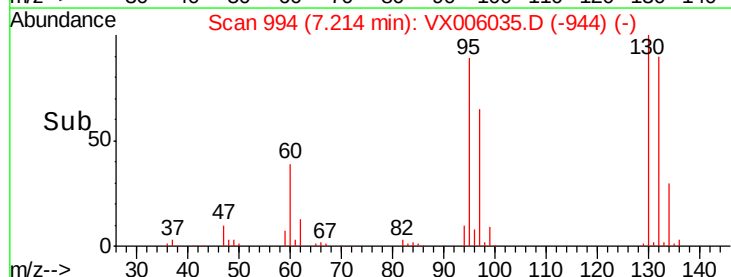
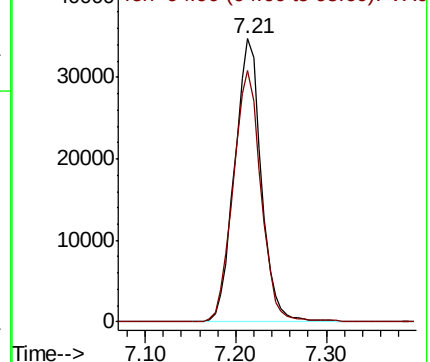
Ion Ratio Lower Upper

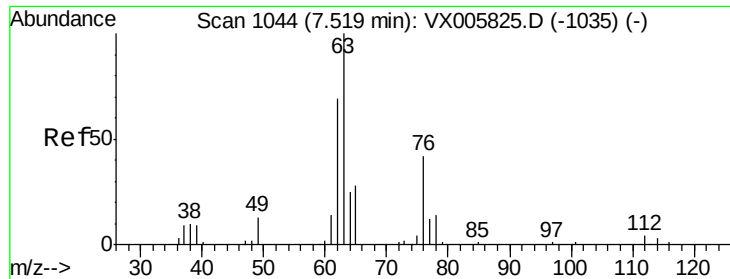
130 100

95 88.8 0.0 194.2



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

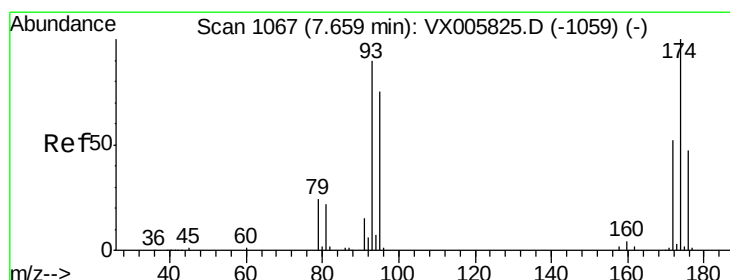
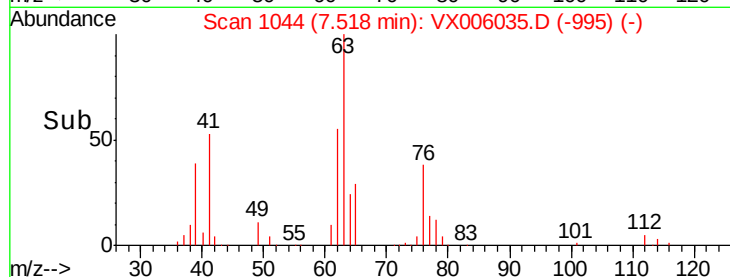
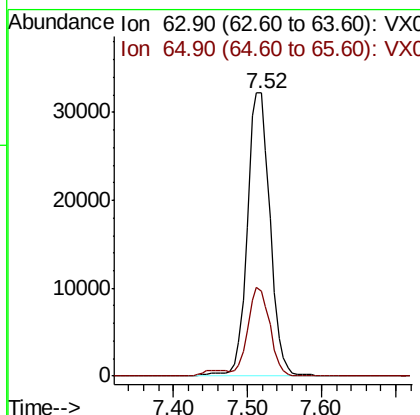
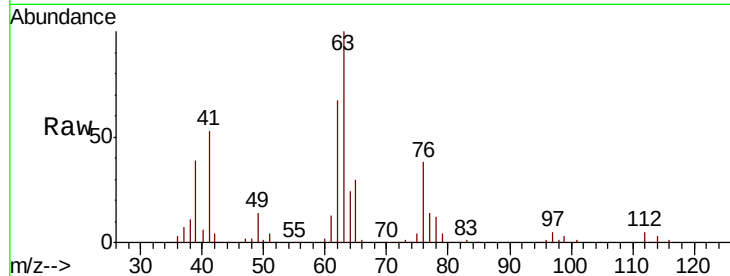




#45
 1,2-Dichloropropane
 Concen: 47.478 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

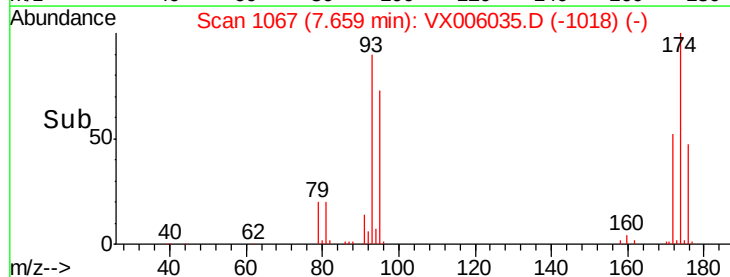
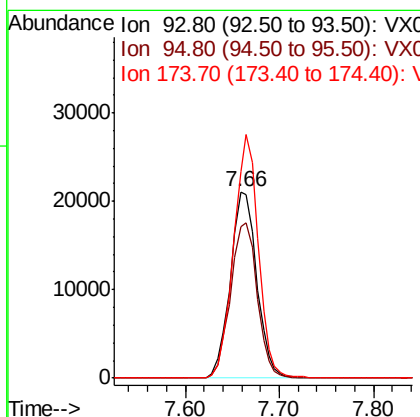
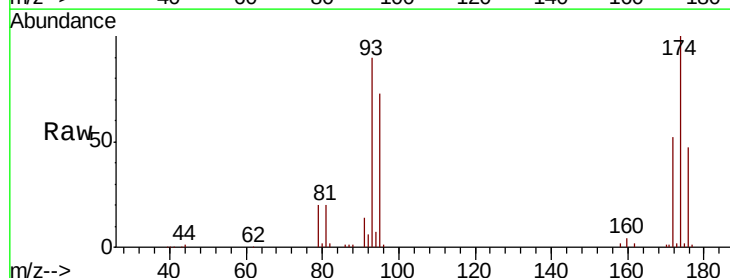
Instrument :
 MSVOA_X
 ClientSampled :

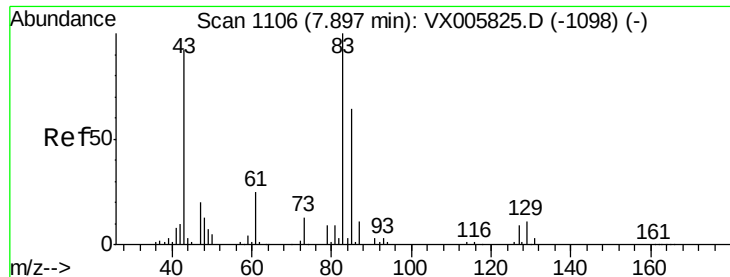
Tot Ion: 63 Resp: 69301
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 45.060 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 93 Resp: 41272
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 121.6 91.5 137.3





#47

Bromodichloromethane

Concen: 46.875 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

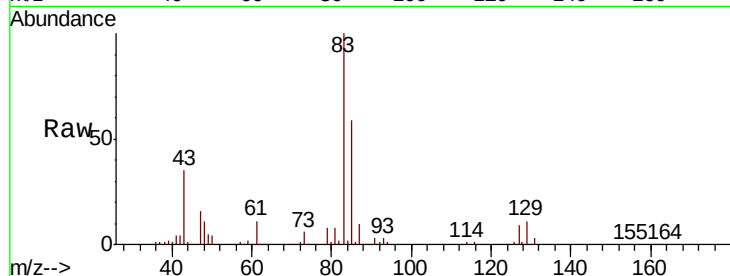
Tot Ion: 83 Resp: 81141

Ion Ratio Lower Upper

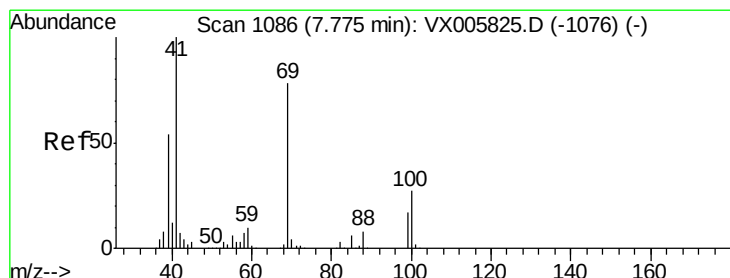
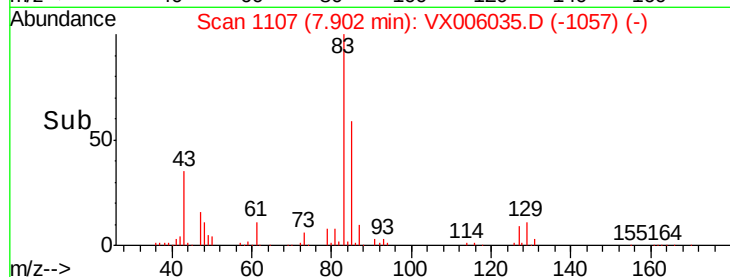
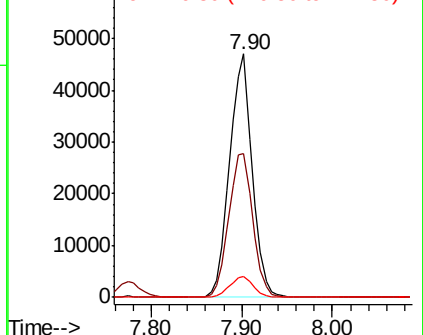
83 100

85 59.3 50.2 75.4

127 8.5 6.9 10.3



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: 47.642 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

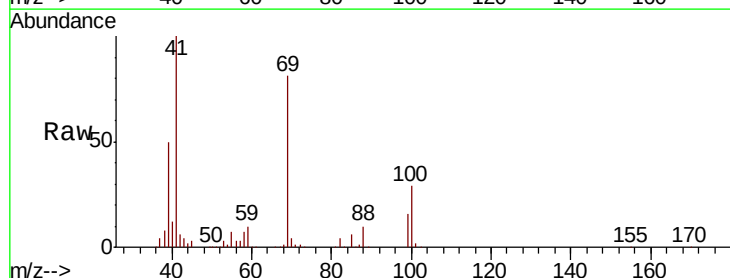
Tgt Ion: 41 Resp: 84088

Ion Ratio Lower Upper

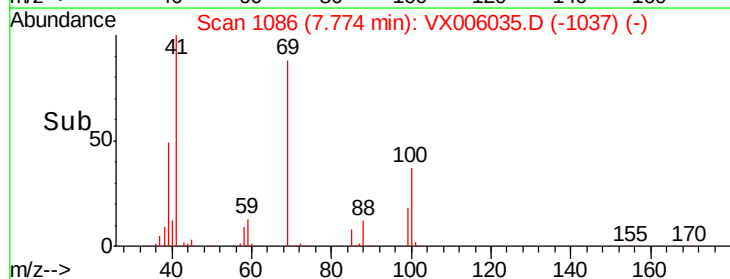
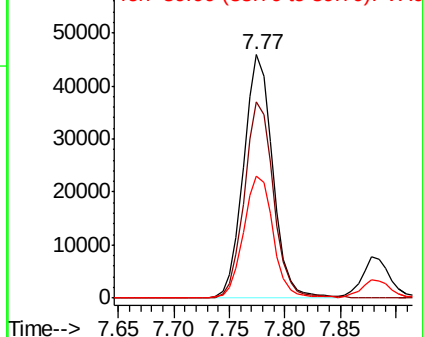
41 100

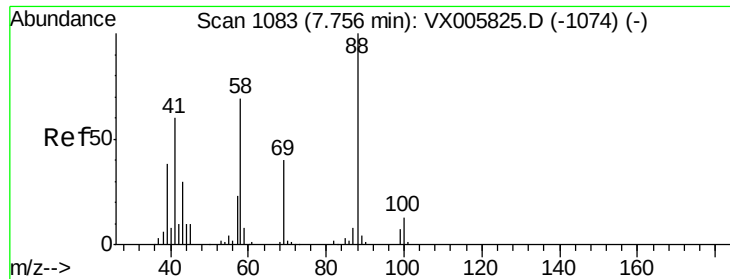
69 81.1 63.2 94.8

39 50.9 42.2 63.2



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

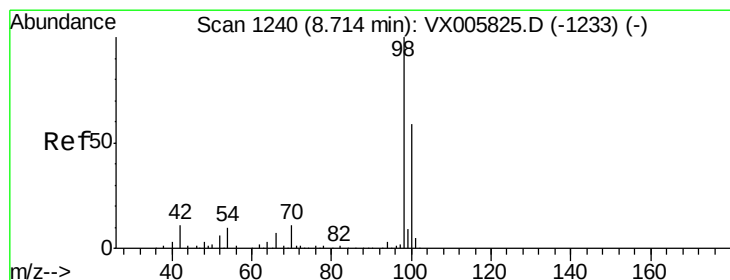
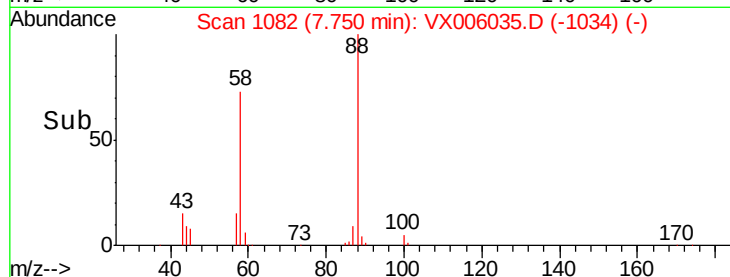
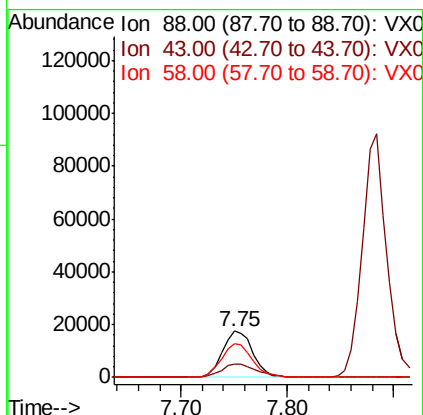
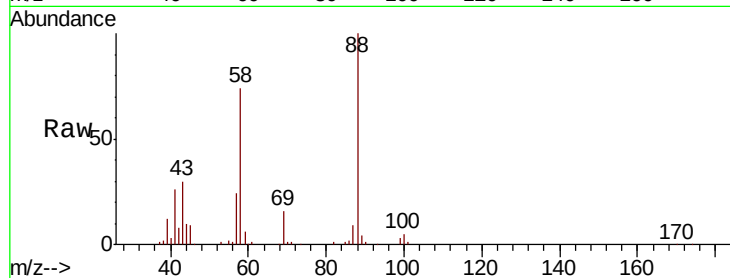




#49
1,4-Dioxane
Concen: 914.784 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

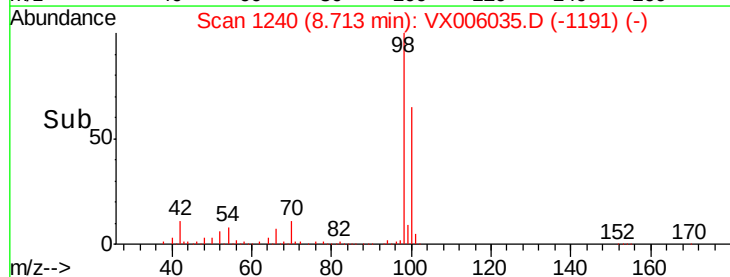
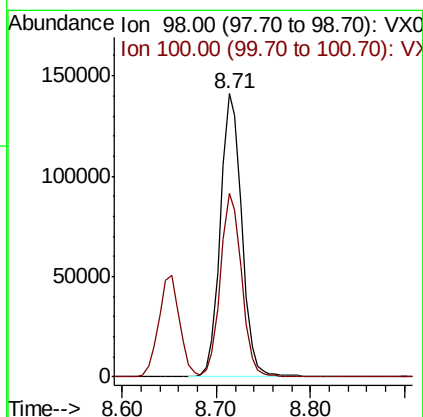
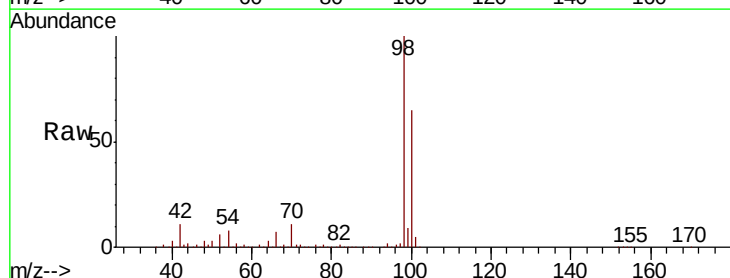
Instrument :
MSVOA_X
ClientSampleId :

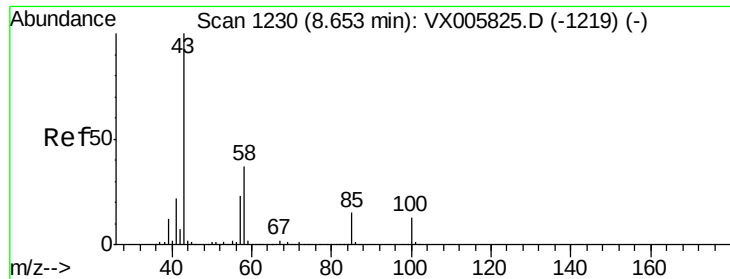
Tot Ion: 88 Resp: 34792
Ion Ratio Lower Upper
88 100
43 33.8 27.4 41.0
58 74.9 59.4 89.2



#50
Toluene-d8
Concen: 45.819 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 98 Resp: 221705
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 233.506 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

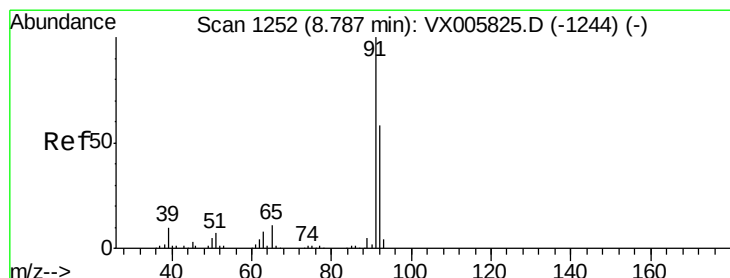
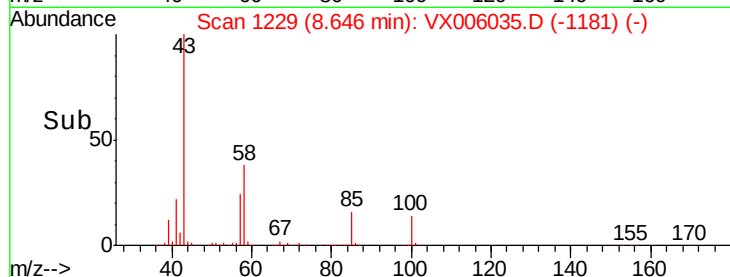
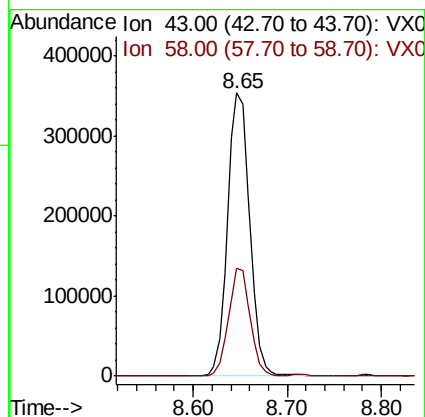
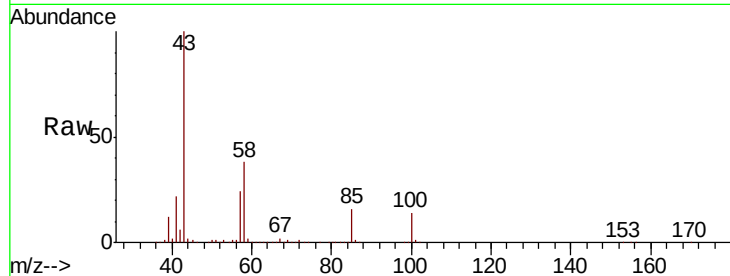
ClientSampleId :

Tot Ion: 43 Resp: 578472

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 46.454 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006035.D

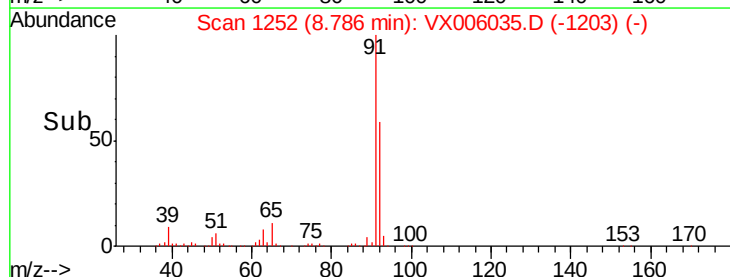
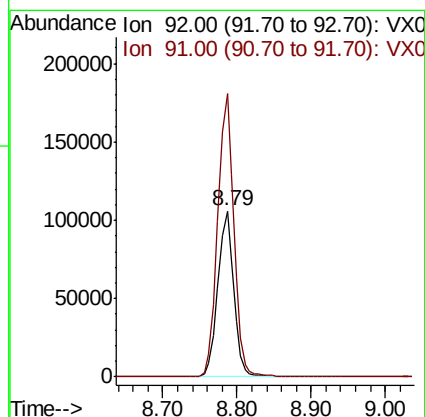
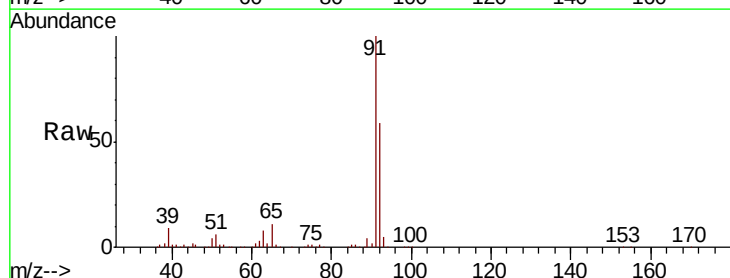
Acq: 15 Nov 2018 21:59

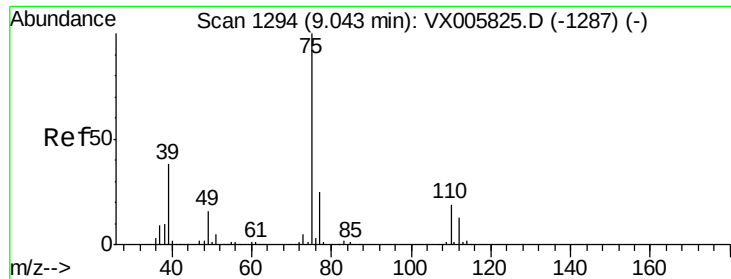
Tgt Ion: 92 Resp: 156132

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 44.493 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

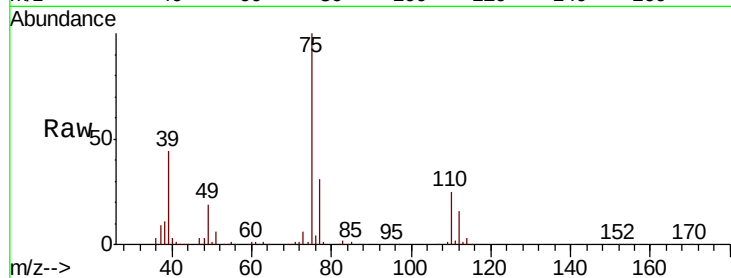
ClientSampleId :

Tot Ion: 75 Resp: 90887

Ion Ratio Lower Upper

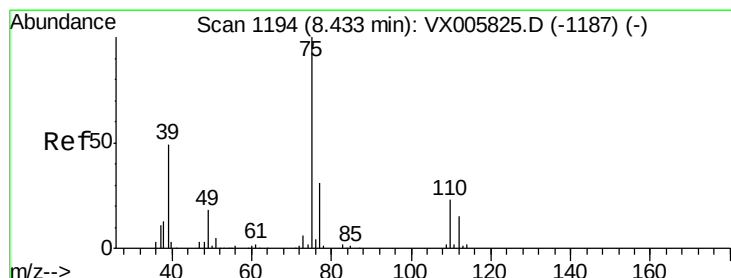
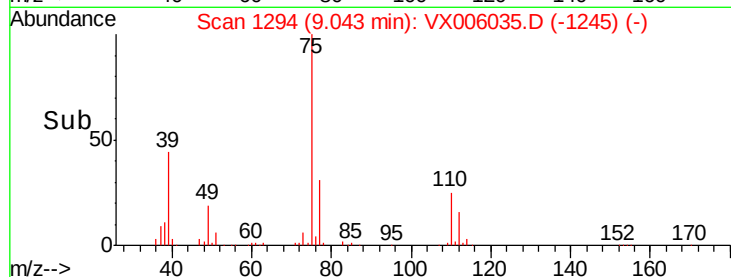
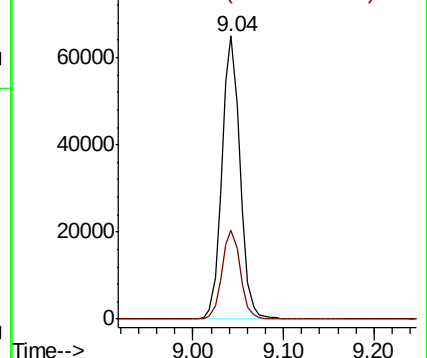
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.813 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

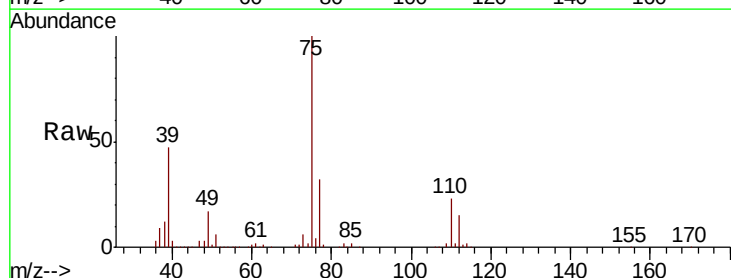
Tgt Ion: 75 Resp: 99549

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

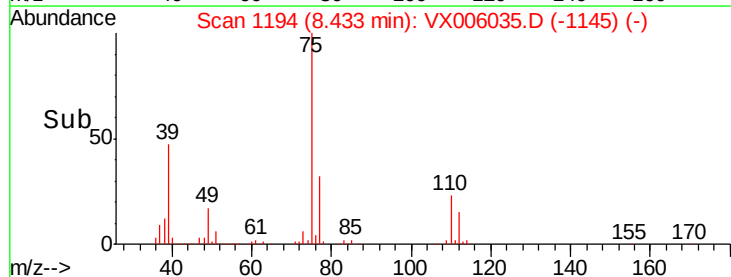
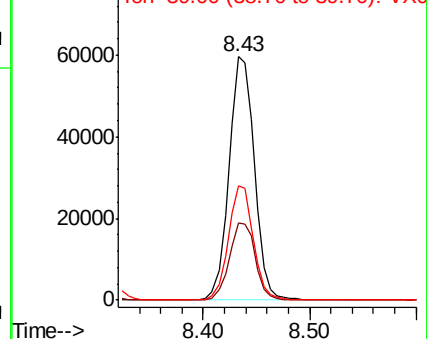
39 47.0 38.2 57.2

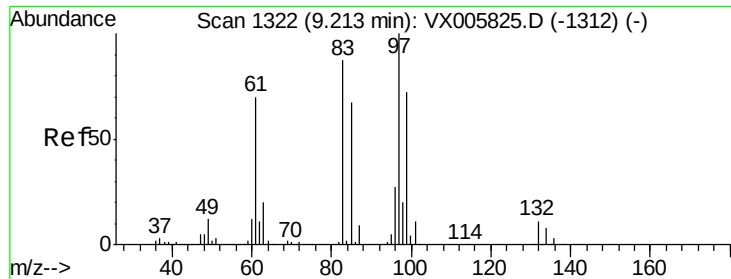


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 46.470 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 69608

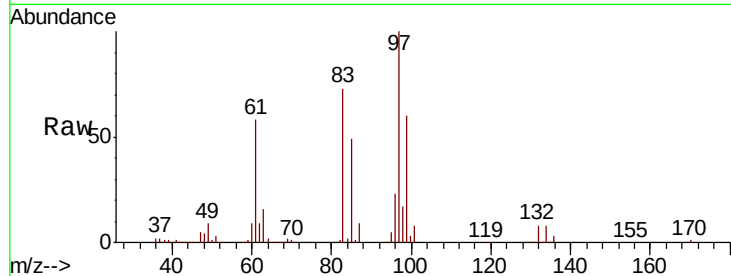
Ion Ratio Lower Upper

97 100

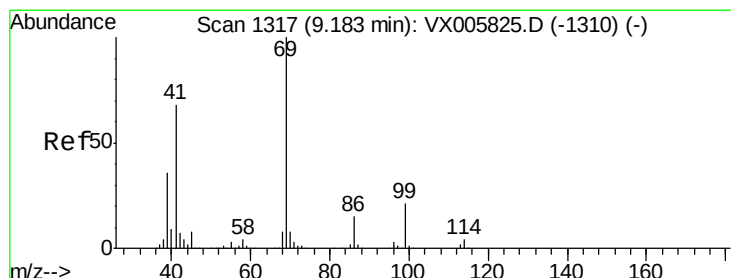
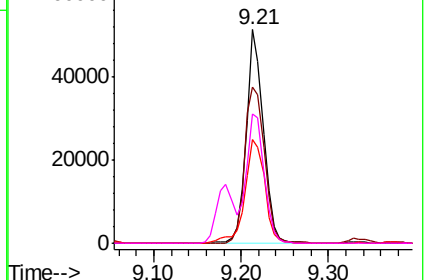
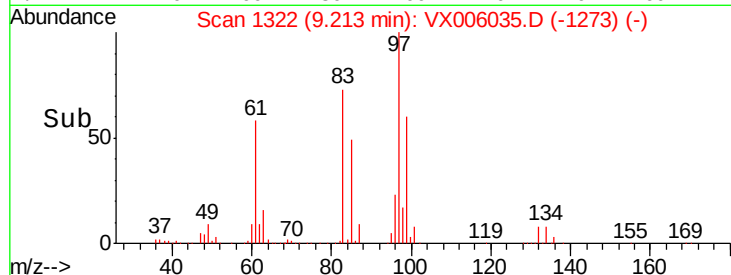
83 73.1 70.7 106.1

85 48.7 45.8 68.6

99 60.4 51.8 77.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.005 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

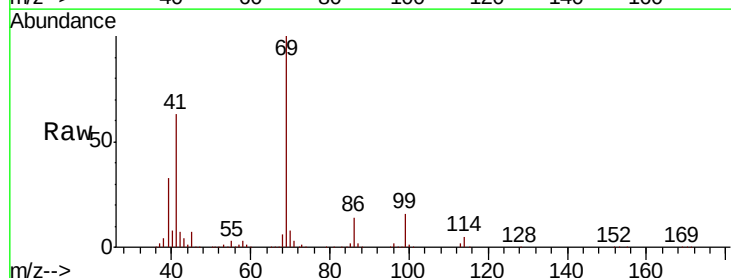
Tgt Ion: 69 Resp: 112075

Ion Ratio Lower Upper

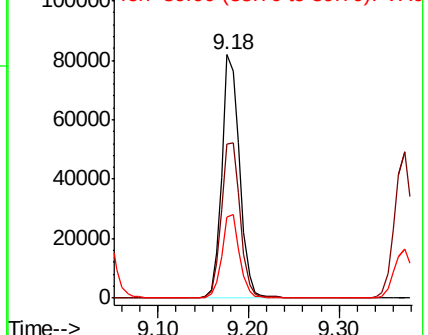
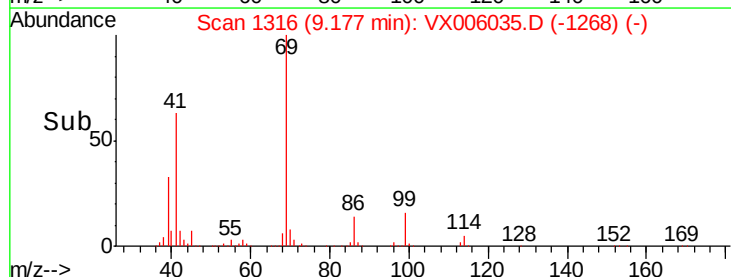
69 100

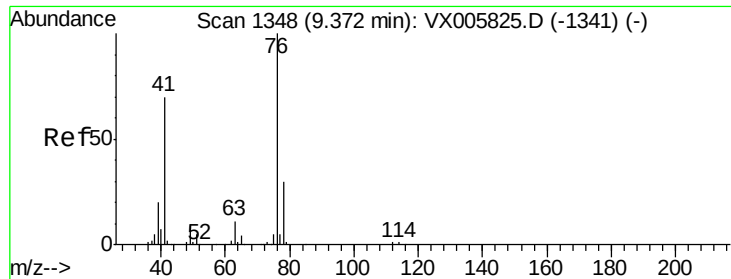
41 67.4 57.0 85.6

39 33.6 28.3 42.5



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

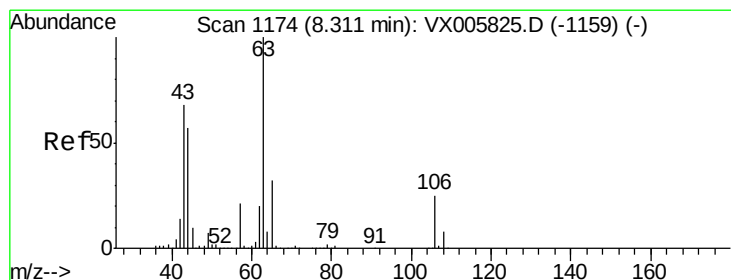
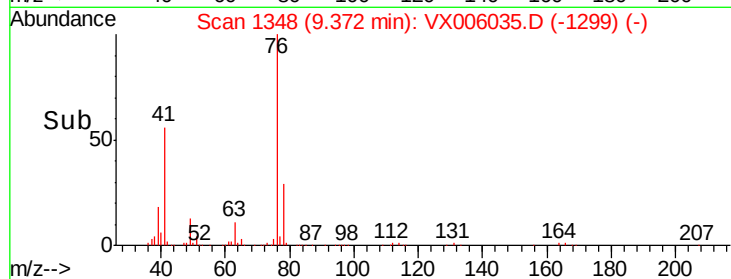
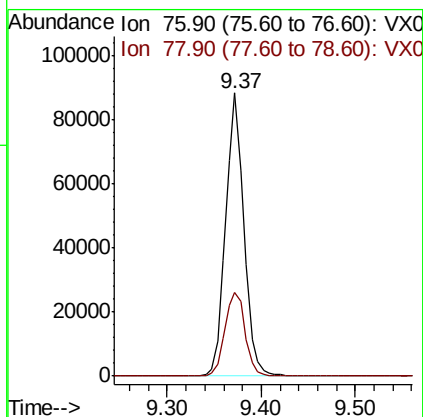
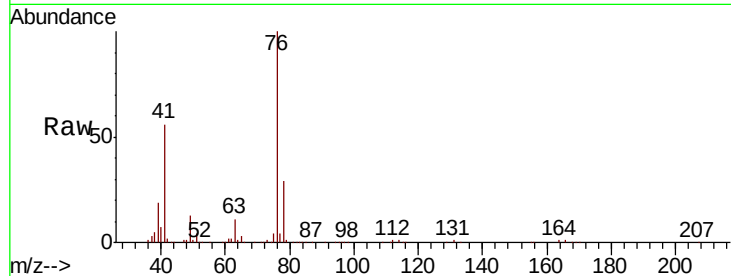




#57
 1,3-Dichloropropane
 Concen: 47.158 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

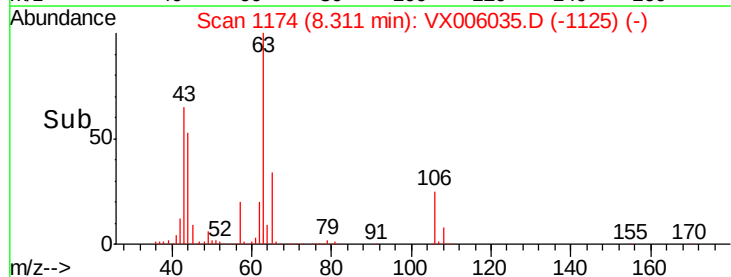
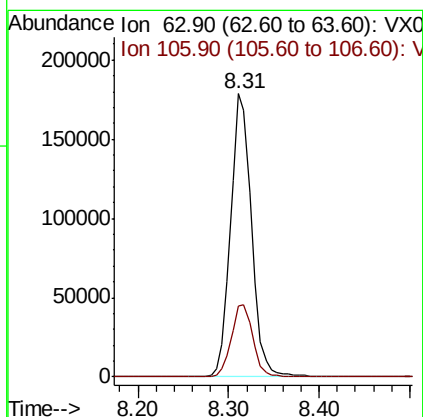
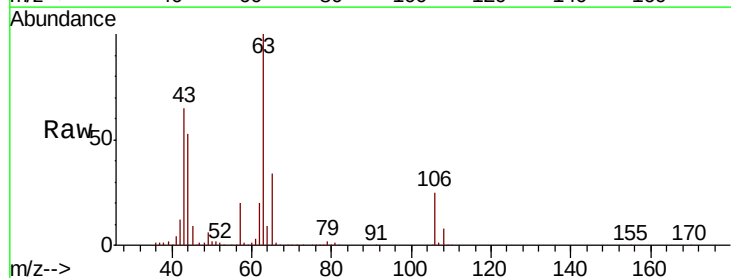
Instrument :
 MSVOA_X
 ClientSampleId :

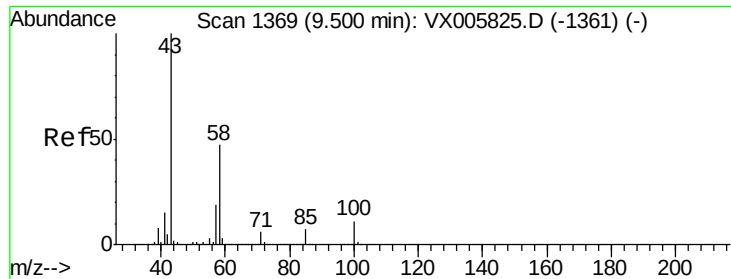
Tot Ion: 76 Resp: 118708
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.265 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion: 63 Resp: 285444
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9

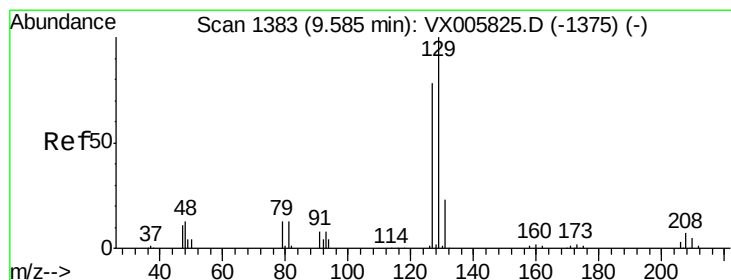
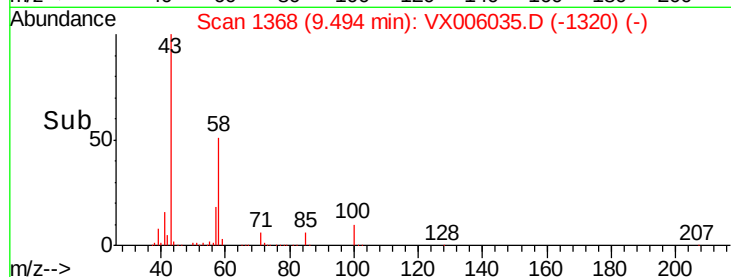
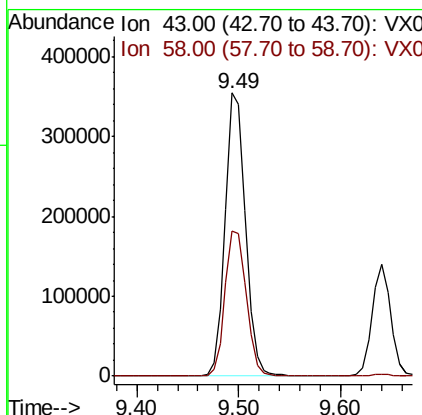
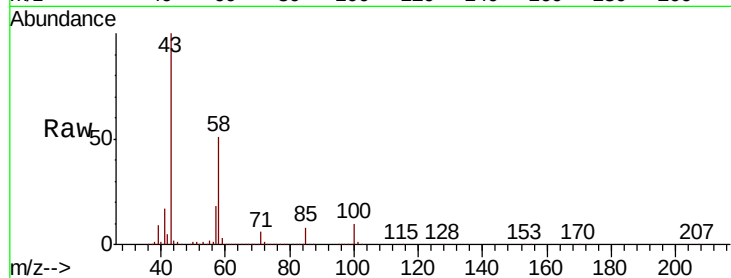




#59
2-Hexanone
Concen: 224.739 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

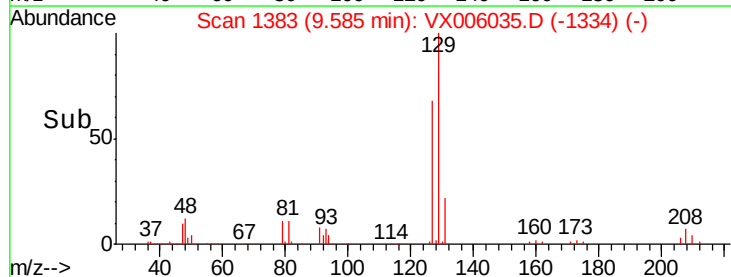
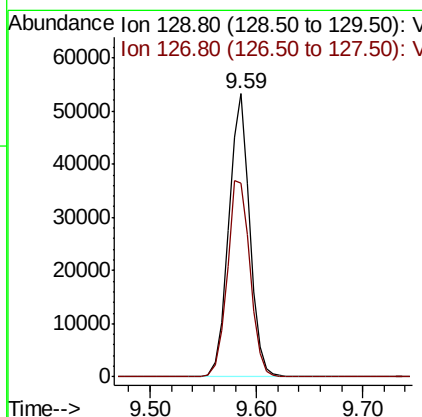
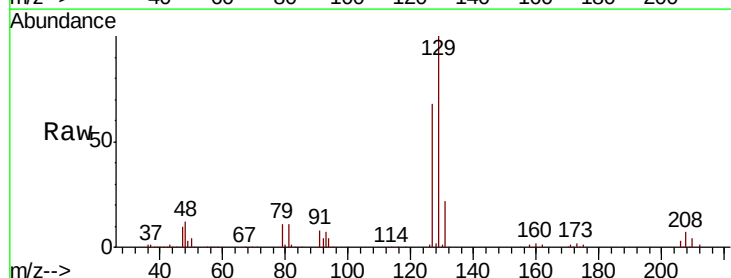
Instrument :
MSVOA_X
ClientSampleId :

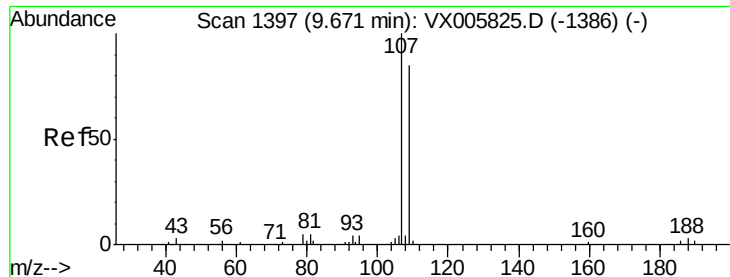
Tot Ion: 43 Resp: 490753
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.8



#60
Dibromochloromethane
Concen: 45.264 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:129 Resp: 73277
Ion Ratio Lower Upper
129 100
127 75.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.158 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

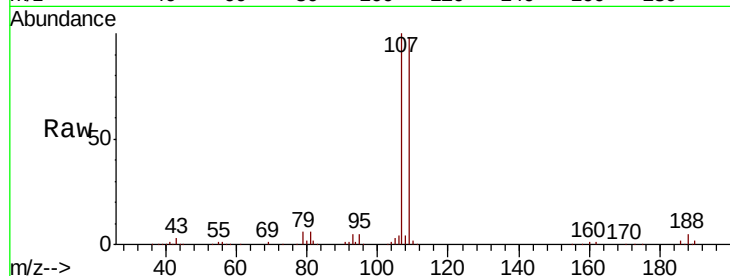
ClientSampled :

Tot Ion:107 Resp: 74797

Ion Ratio Lower Upper

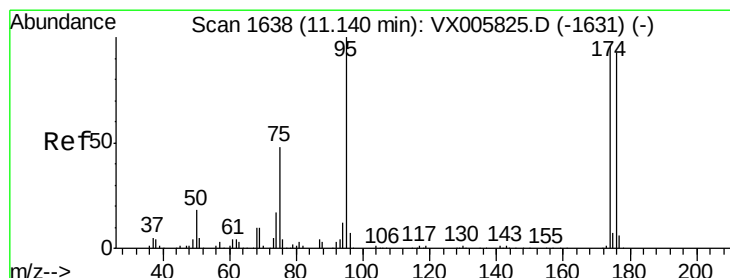
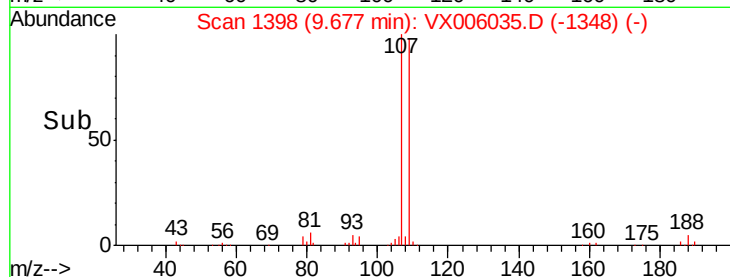
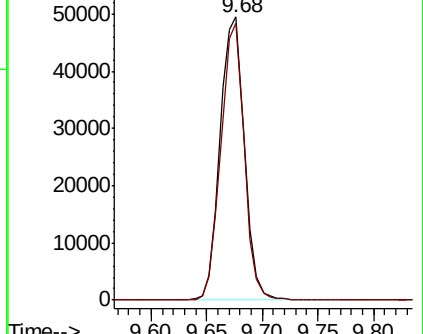
107 100

109 93.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.133 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

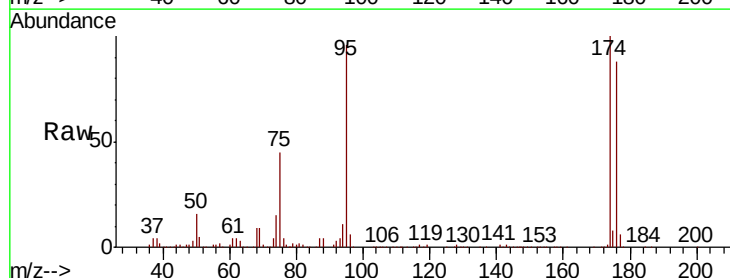
Tgt Ion: 95 Resp: 85475

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

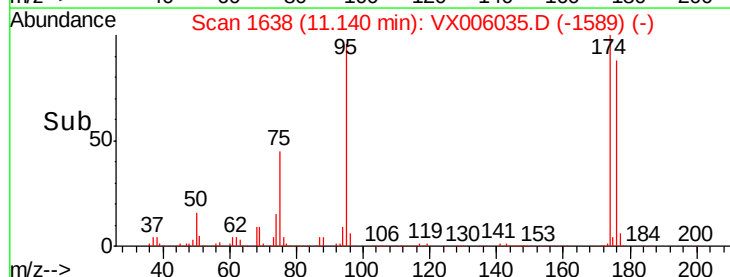
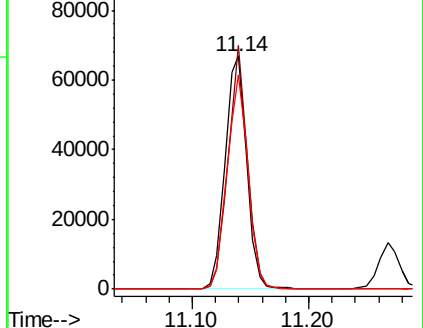
176 89.9 0.0 177.4

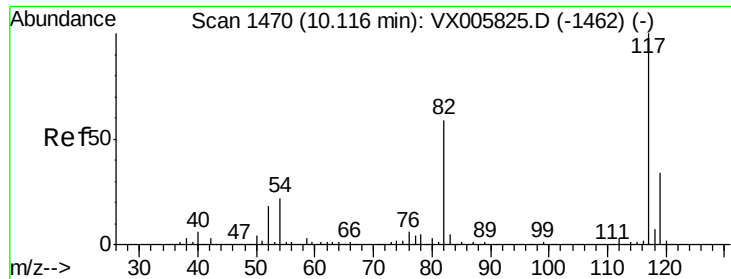


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

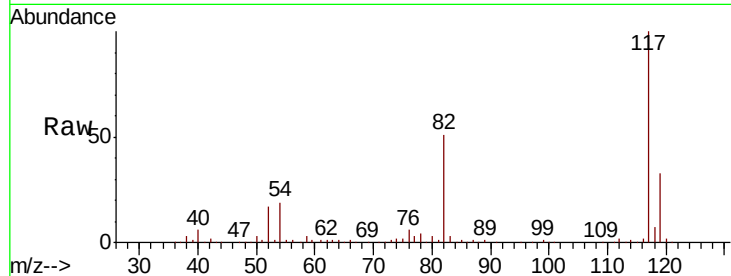




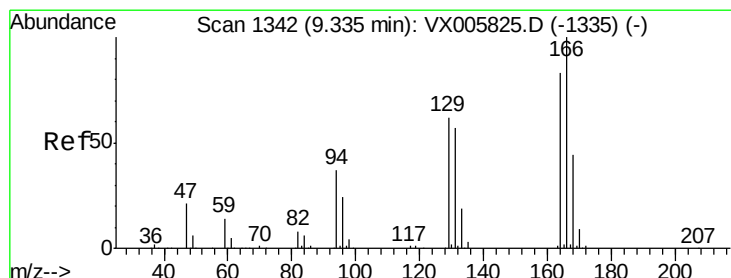
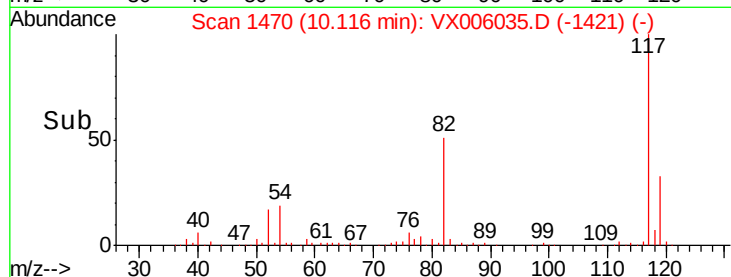
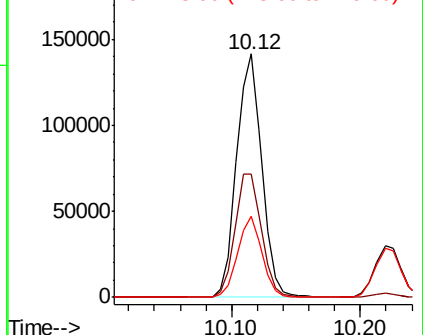
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 192204
Ion Ratio Lower Upper
117 100
82 50.7 44.1 66.1
119 33.5 26.2 39.2

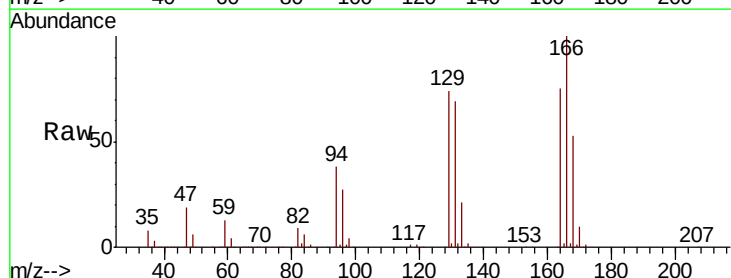


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

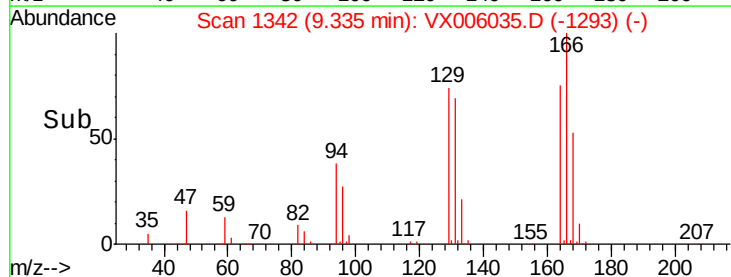
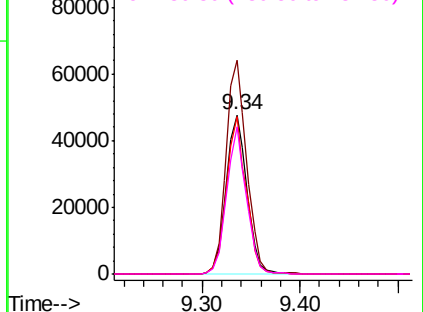


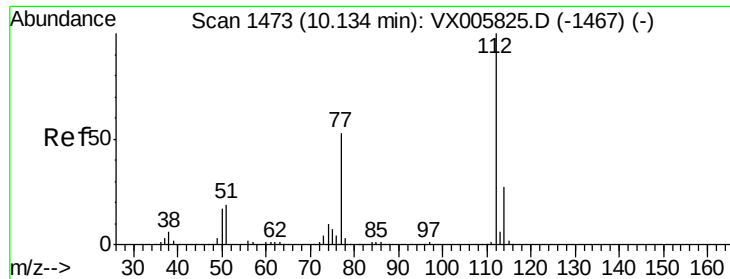
#64
Tetrachloroethene
Concen: 42.982 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:164 Resp: 70336
Ion Ratio Lower Upper
164 100
166 134.1 101.9 152.9
129 98.8 72.6 109.0
131 92.3 71.1 106.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 44.963 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

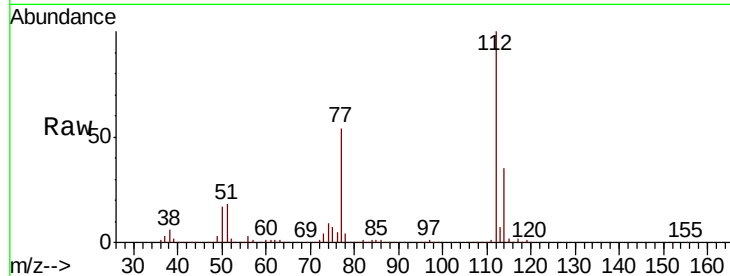
ClientSampled :

Tot Ion:112 Resp: 173130

Ion Ratio Lower Upper

112 100

114 34.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

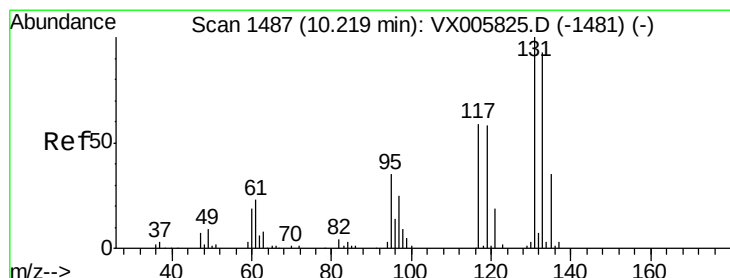
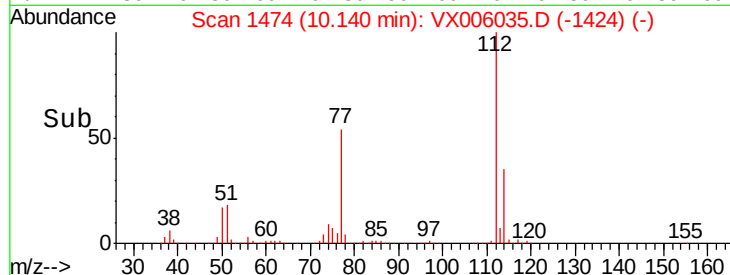
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 45.815 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

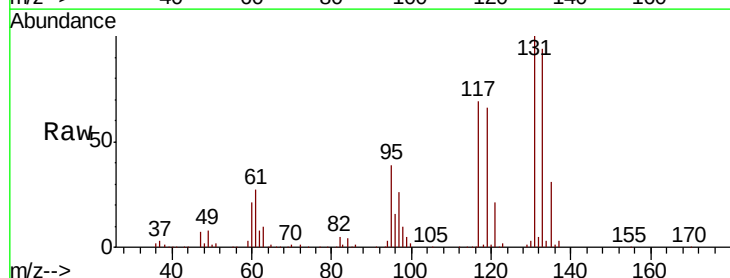
Tgt Ion:131 Resp: 61330

Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.5

119 66.0 31.8 95.3



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

60000

50000

40000

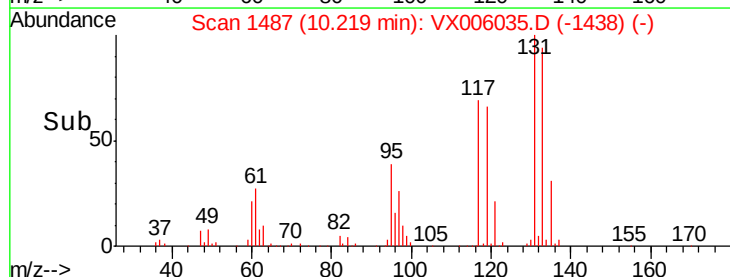
30000

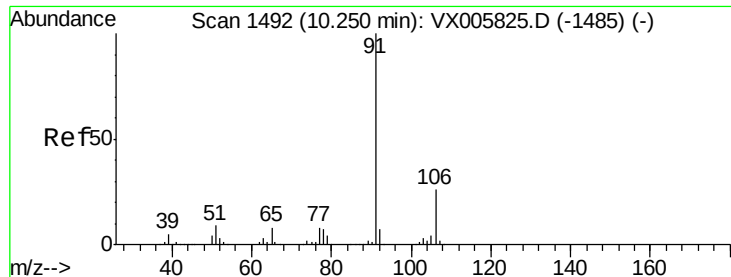
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 47.738 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

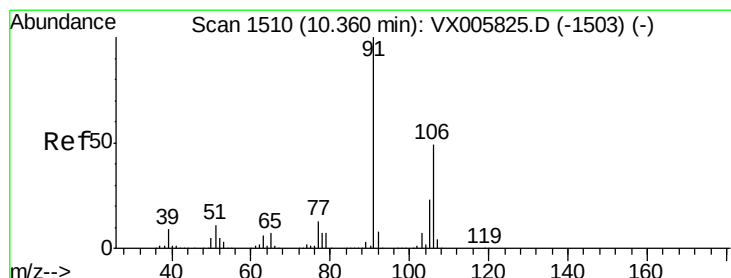
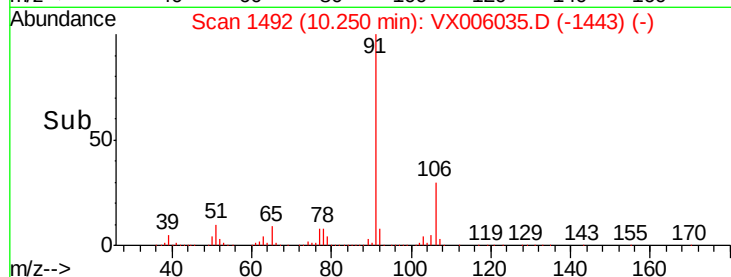
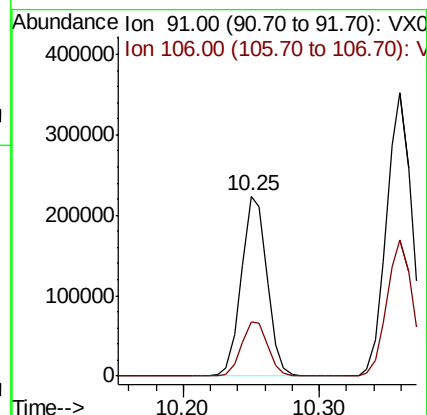
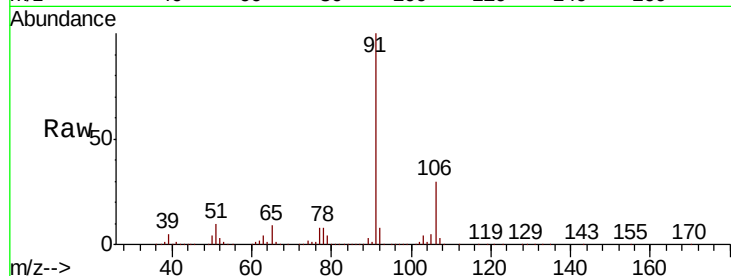
ClientSampled :

Tot Ion: 91 Resp: 294750

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#68

m/p-Xylenes

Concen: 94.833 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006035.D

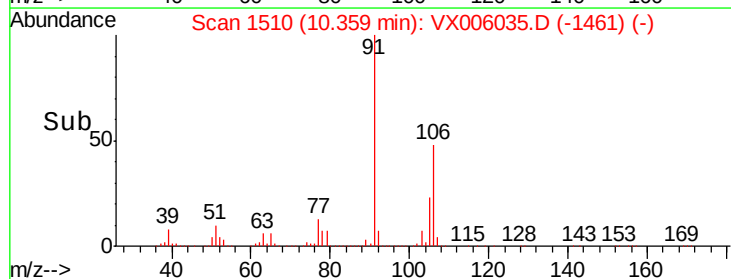
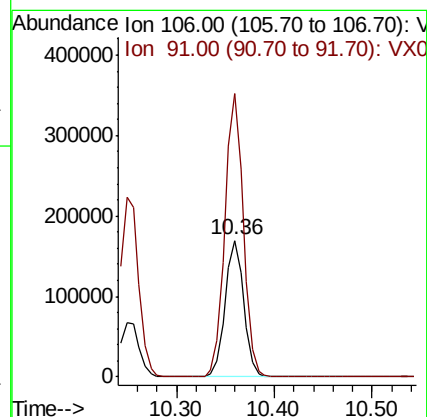
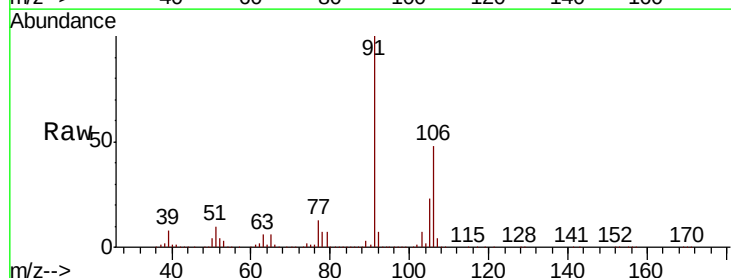
Acq: 15 Nov 2018 21:59

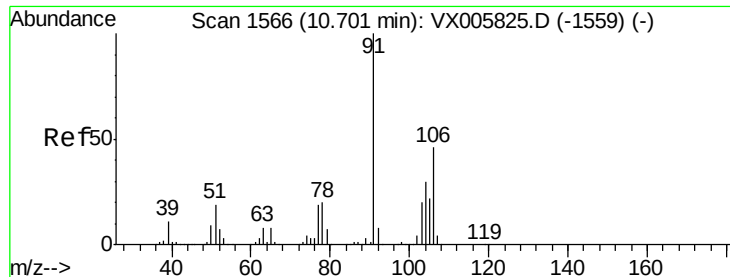
Tgt Ion: 106 Resp: 223342

Ion Ratio Lower Upper

106 100

91 205.9 164.2 246.4

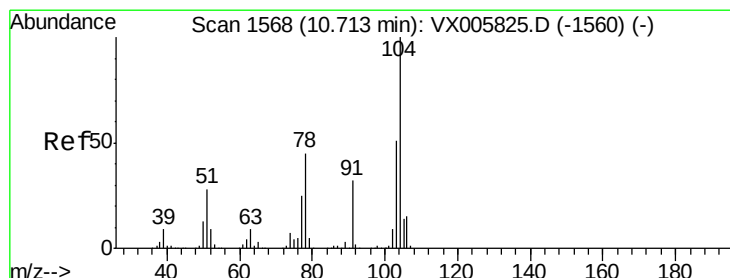
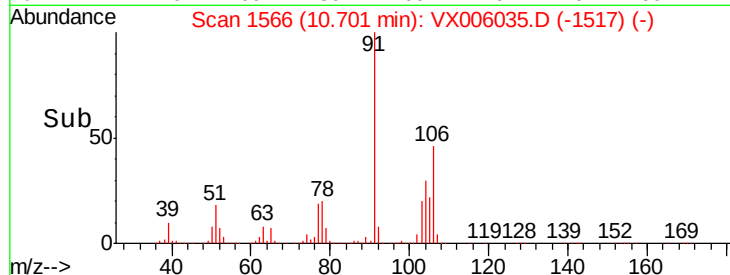
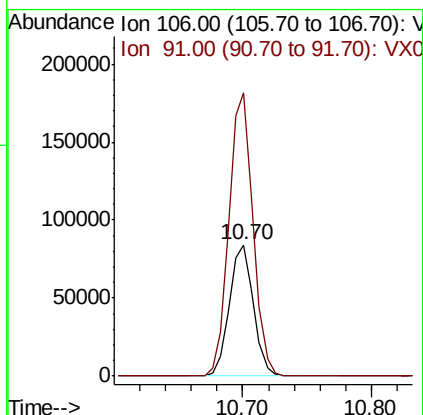
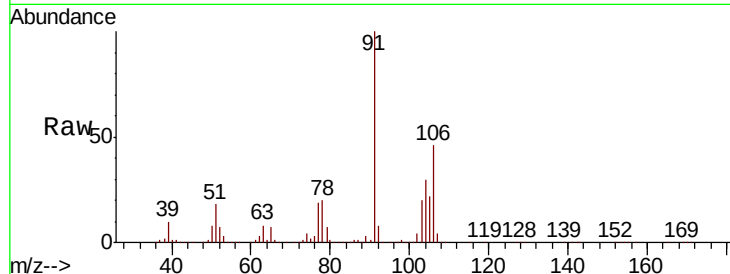




#69
o-Xylene
Concen: 52.082 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

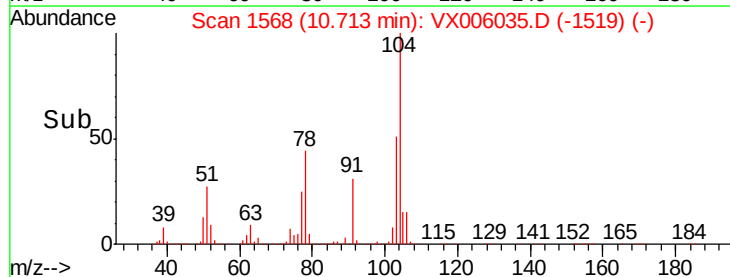
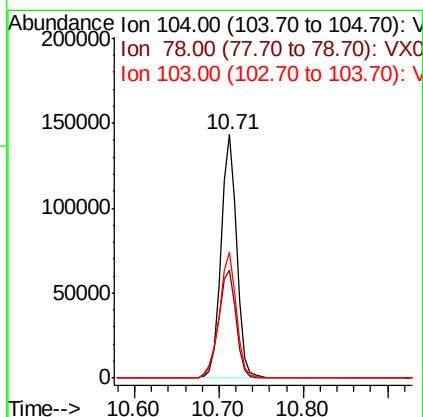
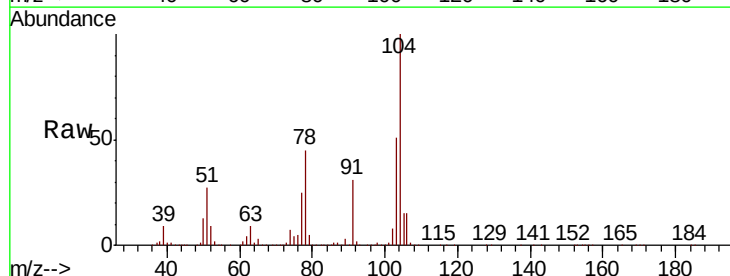
Instrument :
MSVOA_X
ClientSampled :

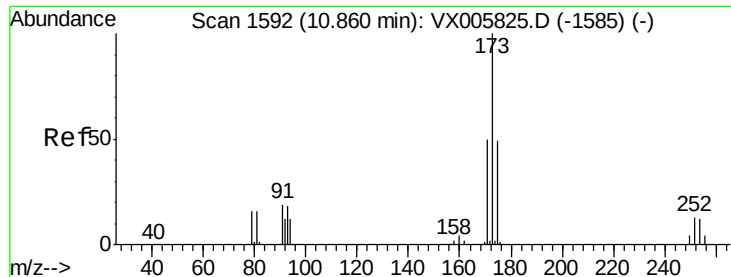
Tot Ion:106 Resp: 109989
Ion Ratio Lower Upper
106 100
91 216.2 108.5 325.5



#70
Styrene
Concen: 53.105 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion:104 Resp: 185005
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.4
103 55.8 44.9 67.3





#71

Bromoform

Concen: 47.793 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

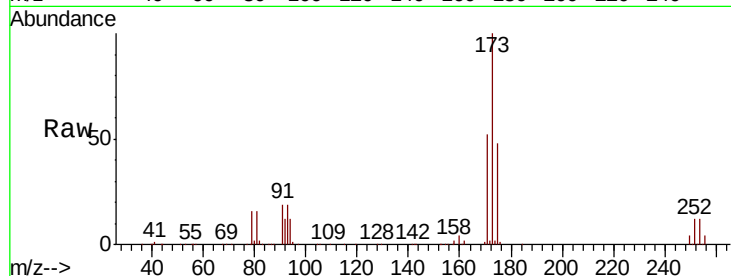
Tot Ion:173 Resp: 53632

Ion Ratio Lower Upper

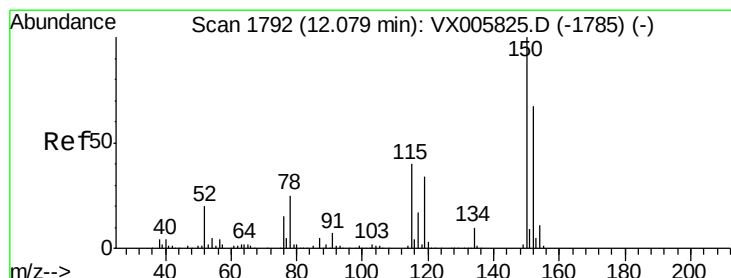
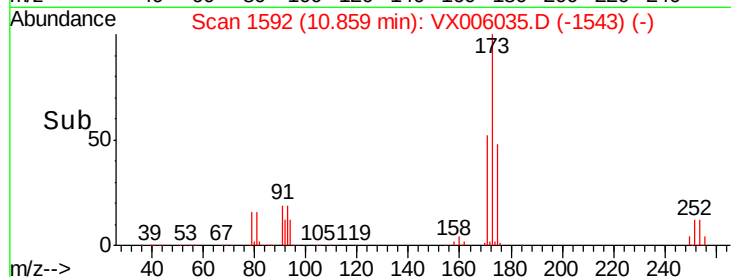
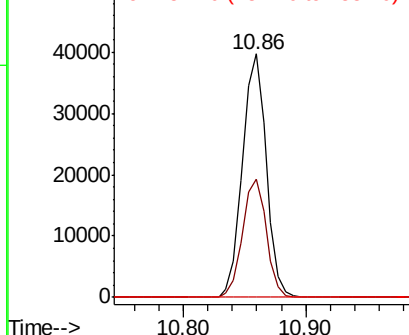
173 100

175 48.4 24.8 74.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

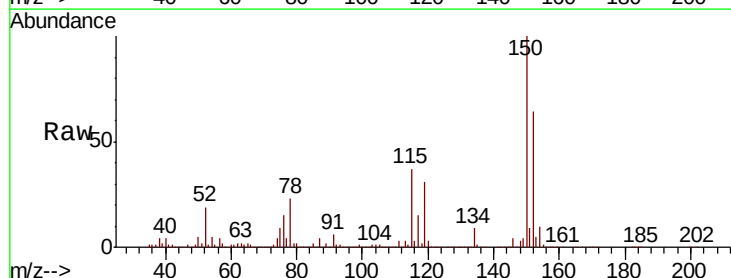
Tgt Ion:152 Resp: 131816

Ion Ratio Lower Upper

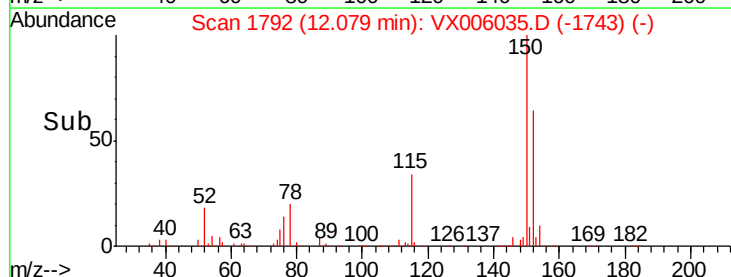
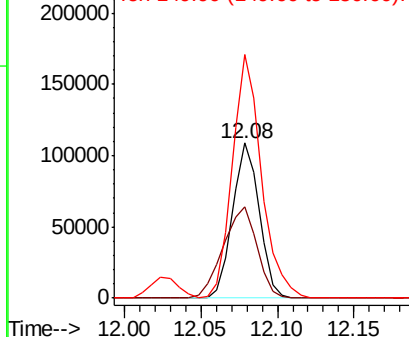
152 100

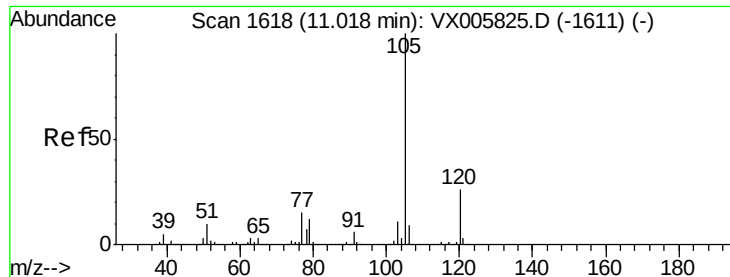
115 74.0 39.4 118.1

150 170.7 0.0 346.4



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: 39.395 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

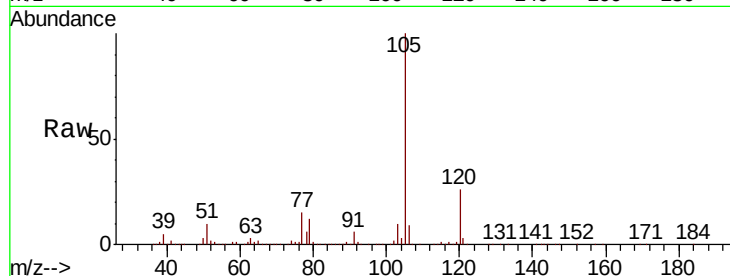
ClientSampled :

Tot Ion:105 Resp: 300298

Ion Ratio Lower Upper

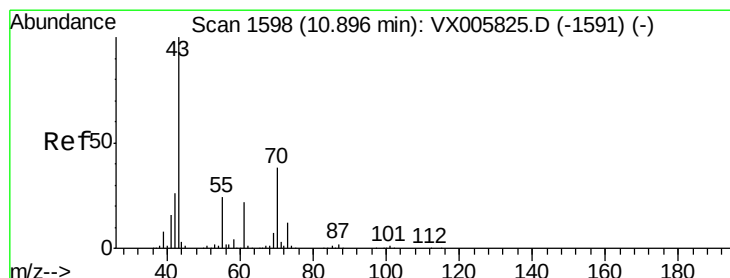
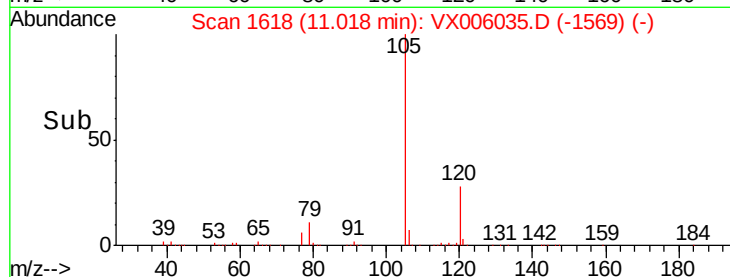
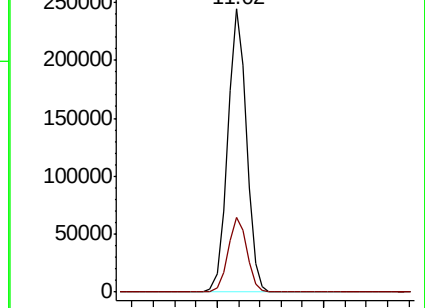
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 36.543 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Tgt Ion: 43 Resp: 154820

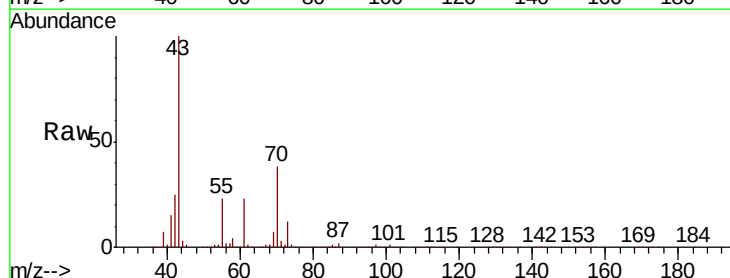
Ion Ratio Lower Upper

43 100

70 40.3 31.6 47.4

55 23.8 19.7 29.5

61 23.7 18.3 27.5

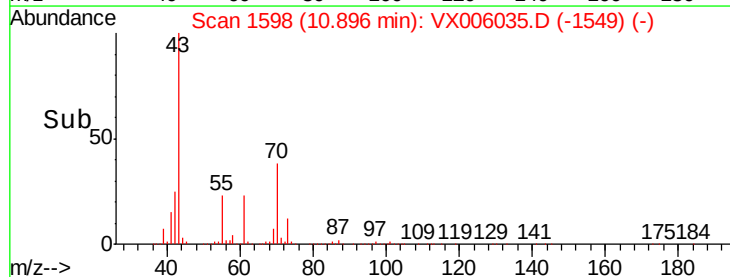
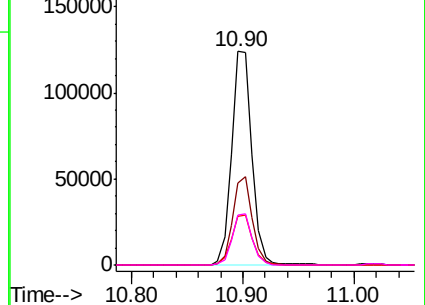


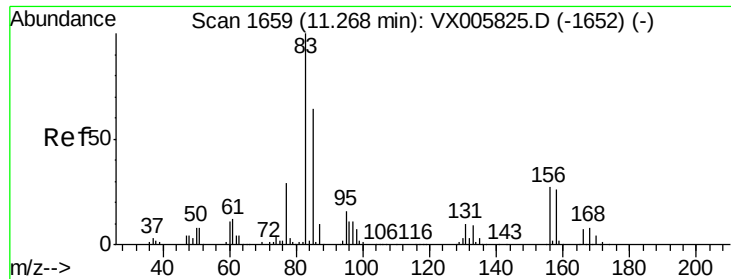
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 38.112 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampled :

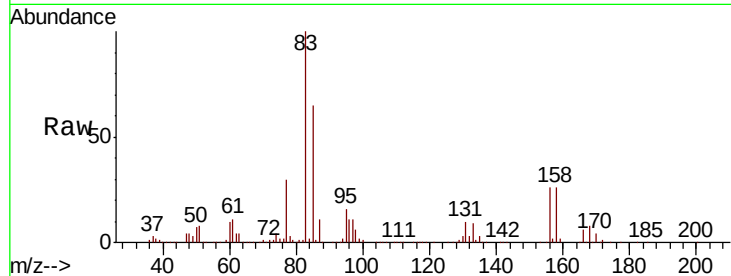
Tot Ion: 83 Resp: 106634

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

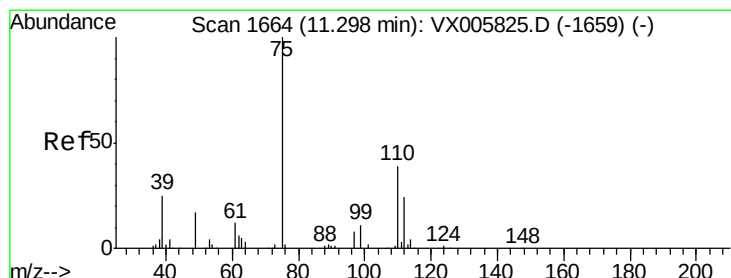
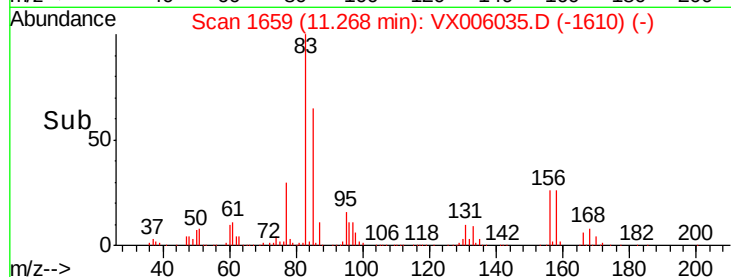
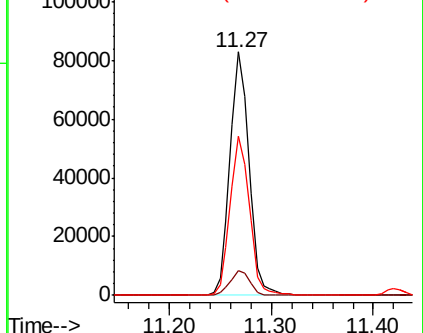
85 66.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.284 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006035.D

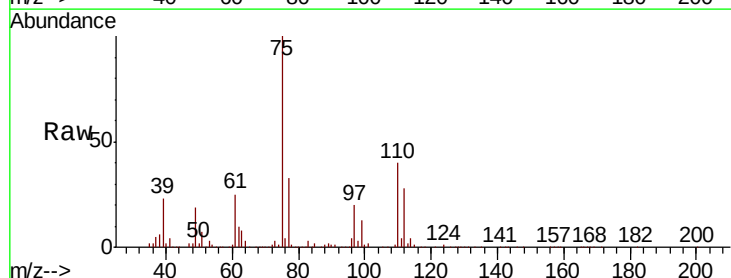
Acq: 15 Nov 2018 21:59

Tgt Ion: 75 Resp: 126912

Ion Ratio Lower Upper

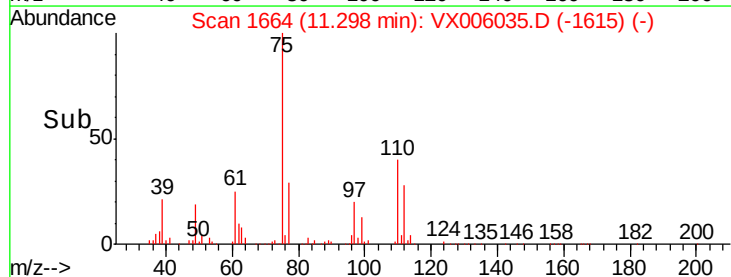
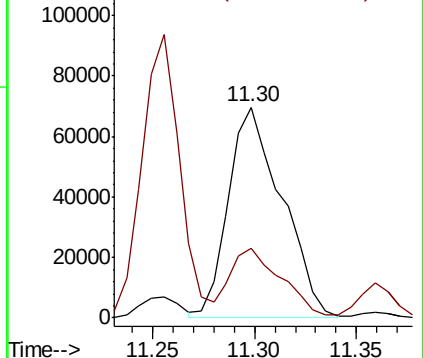
75 100

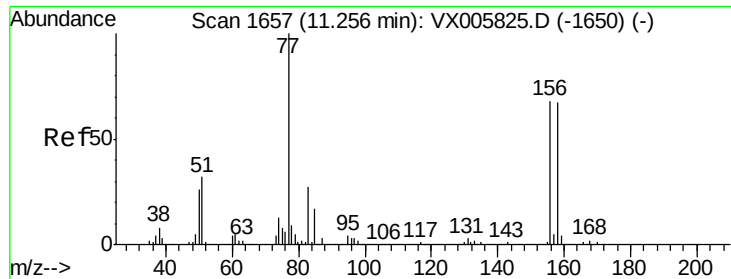
77 31.2 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 38.186 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

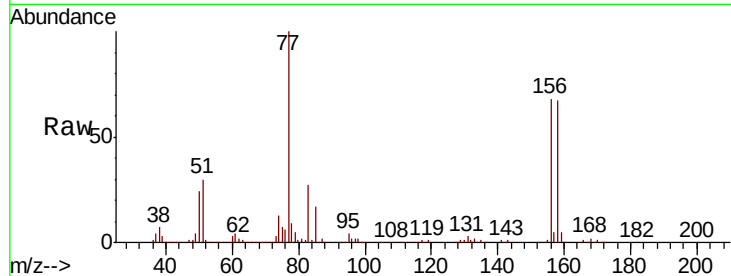
Tot Ion:156 Resp: 82045

Ion Ratio Lower Upper

156 100

77 147.1 74.8 224.4

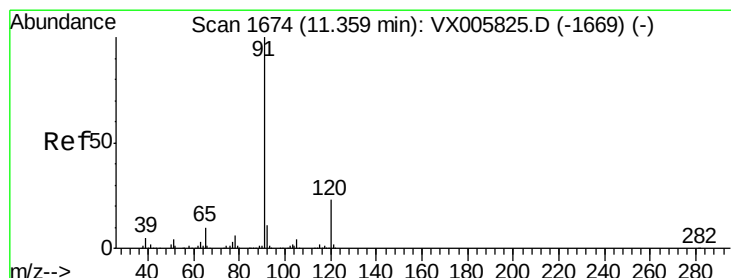
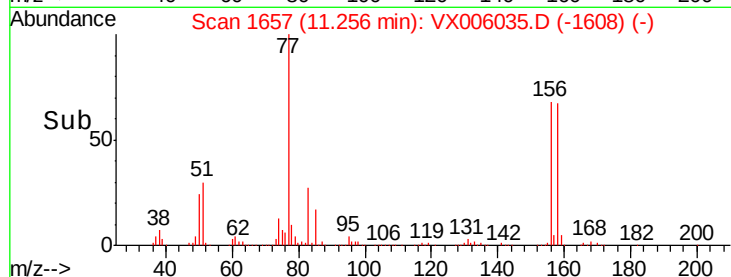
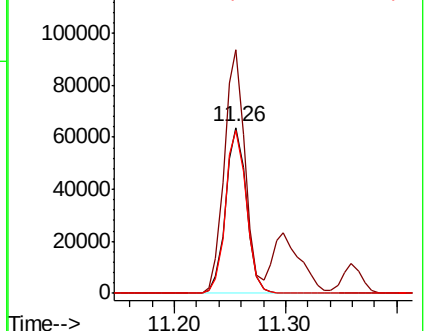
158 99.2 49.1 147.3



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: 40.612 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006035.D

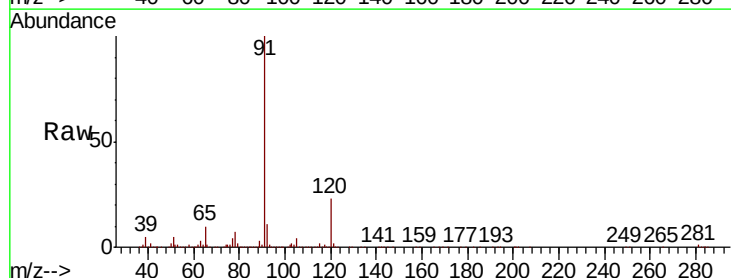
Acq: 15 Nov 2018 21:59

Tgt Ion: 91 Resp: 364847

Ion Ratio Lower Upper

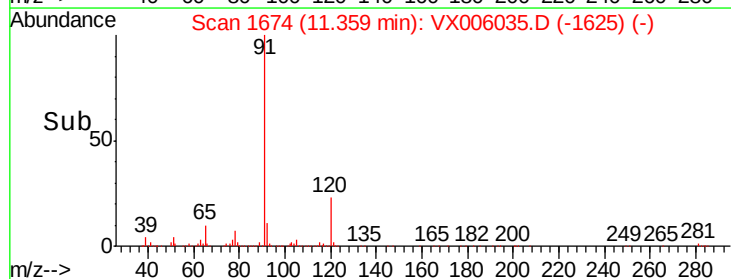
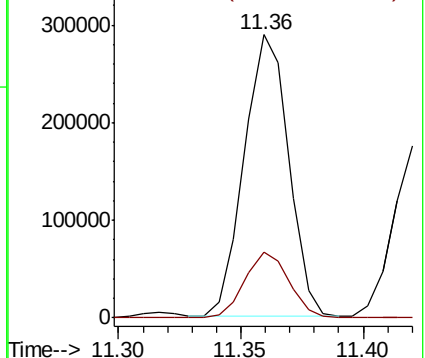
91 100

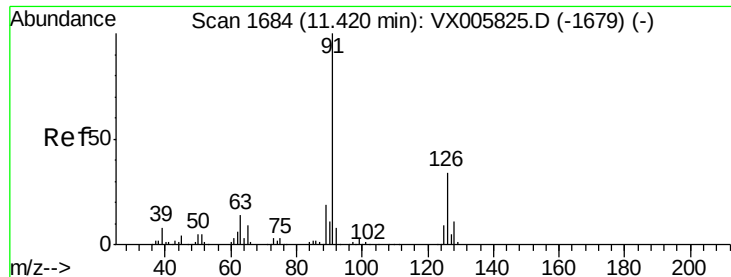
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 39.552 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

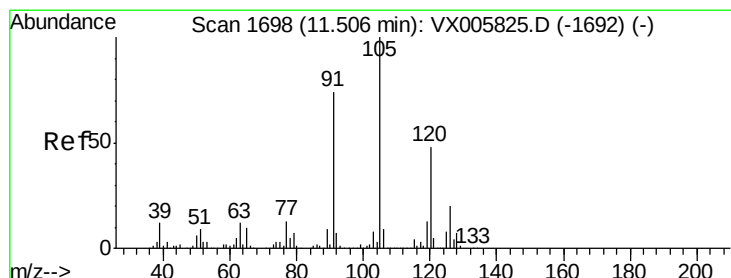
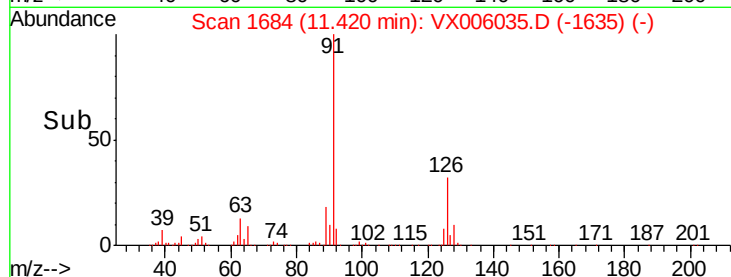
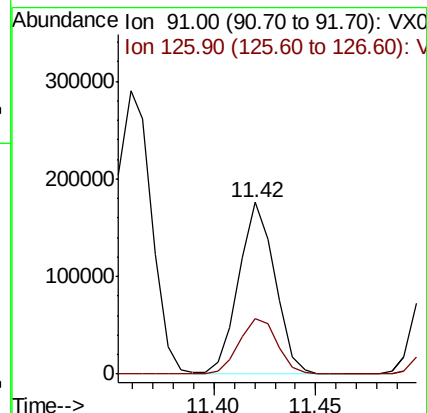
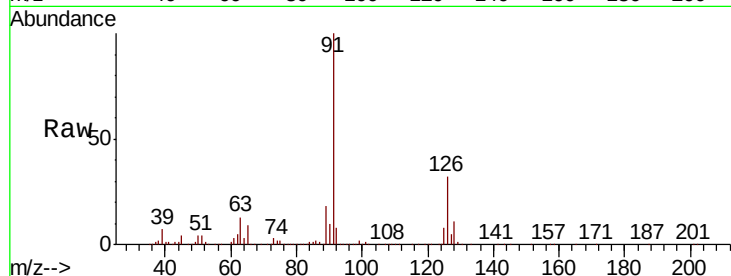
ClientSampleId :

Tot Ion: 91 Resp: 214769

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 43.838 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006035.D

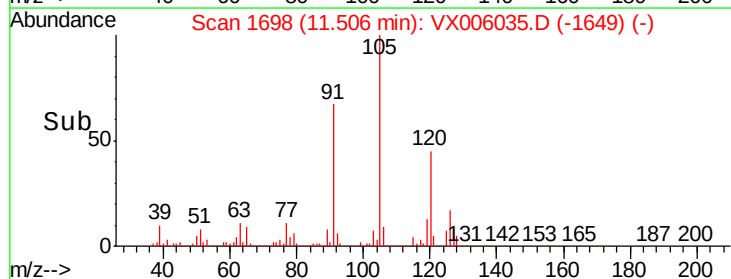
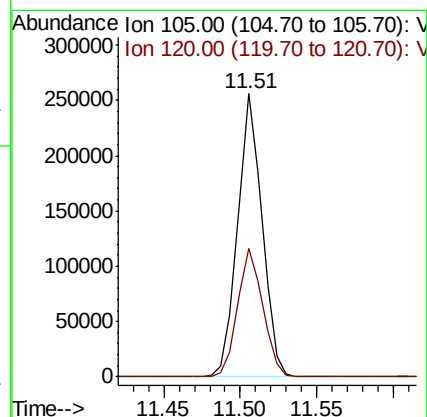
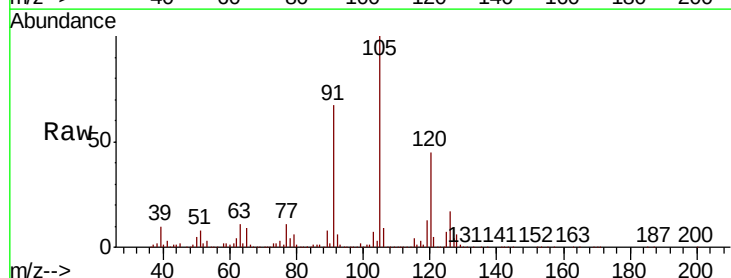
Acq: 15 Nov 2018 21:59

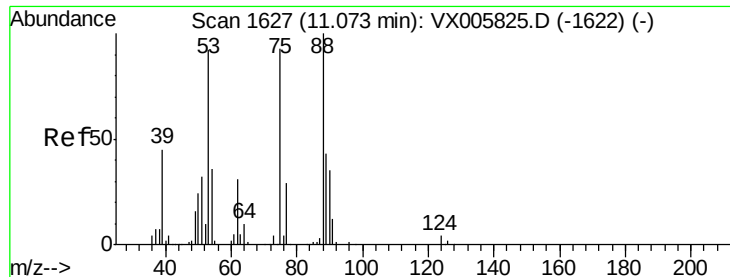
Tgt Ion: 105 Resp: 283974

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 37.713 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

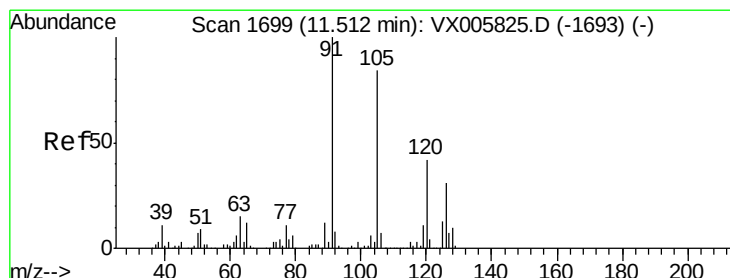
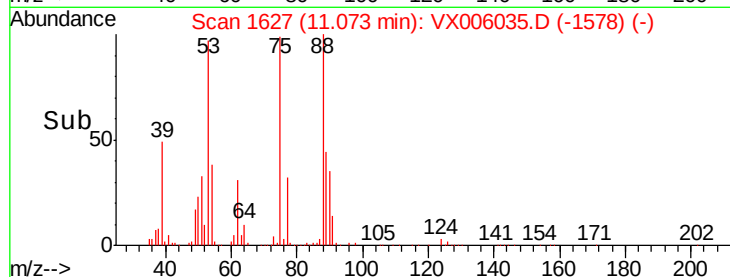
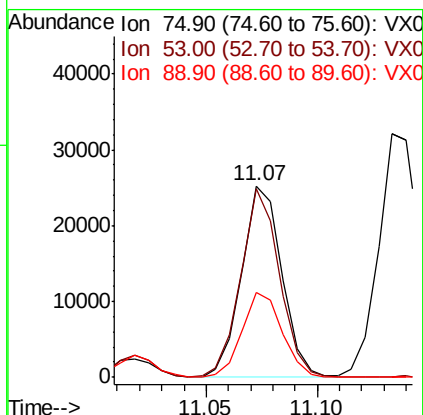
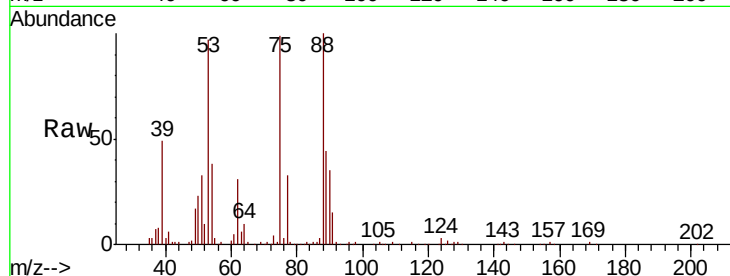
Tot Ion: 75 Resp: 31760

Ion Ratio Lower Upper

75 100

53 94.8 80.2 120.2

89 44.6 39.8 59.8



#82

4-Chlorotoluene

Concen: 41.292 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006035.D

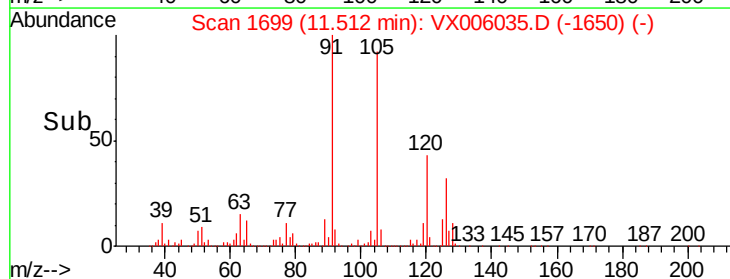
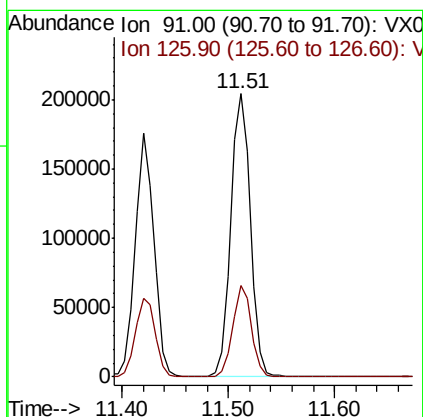
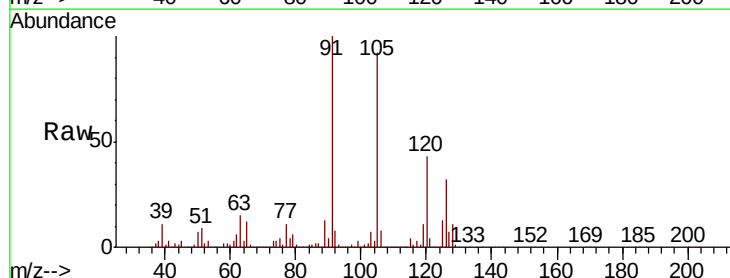
Acq: 15 Nov 2018 21:59

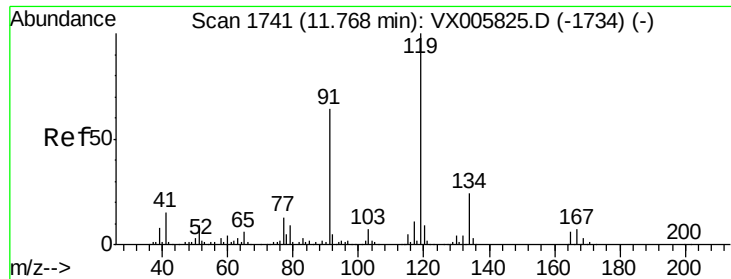
Tgt Ion: 91 Resp: 264249

Ion Ratio Lower Upper

91 100

126 30.9 15.2 45.6

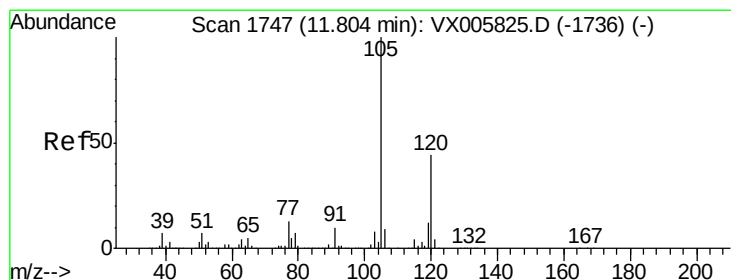
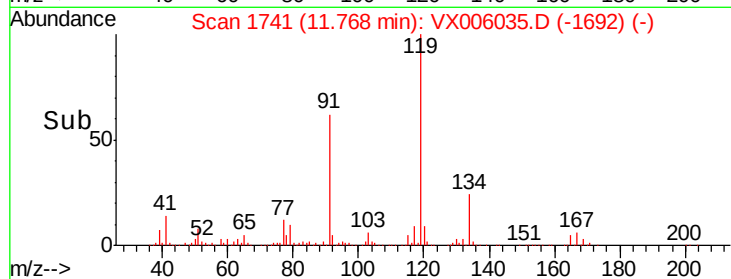
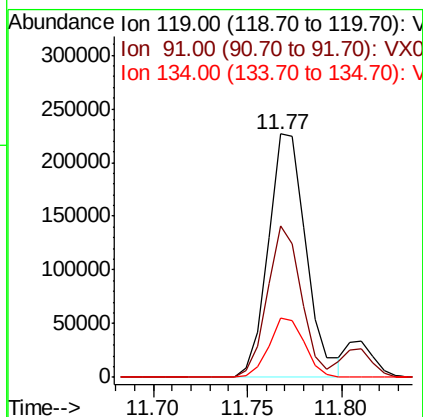
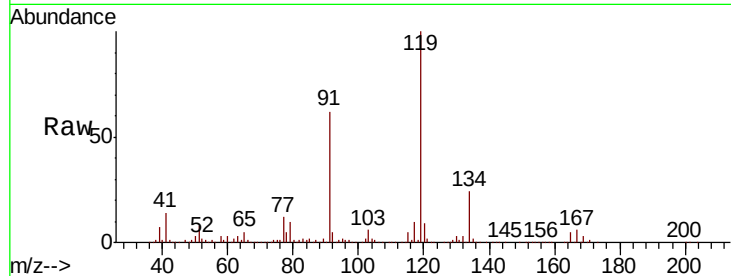




#83
 tert-Butylbenzene
 Concen: 48.166 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

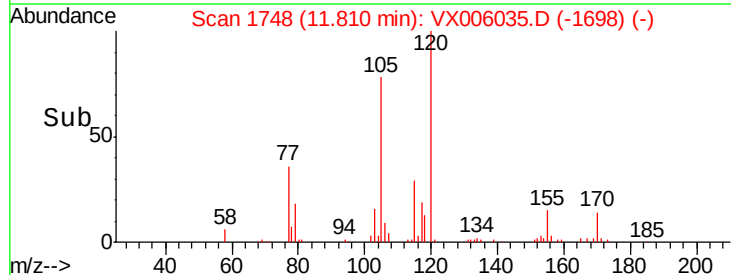
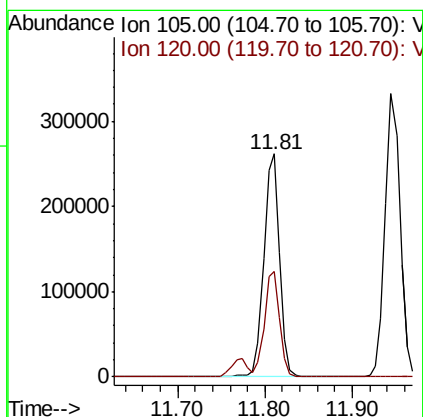
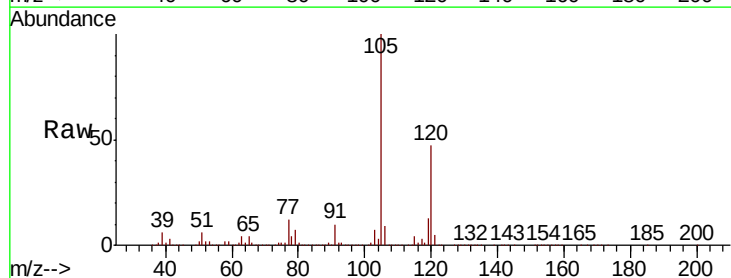
Instrument :
 MSVOA_X
 ClientSampleId :

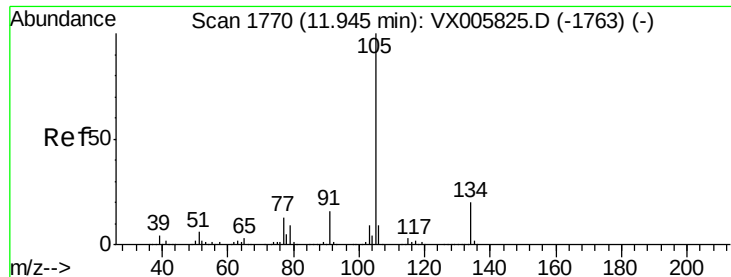
Tot Ion:119 Resp: 315650
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.5 85.5
 134 22.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 45.789 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion:105 Resp: 327405
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 48.985 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

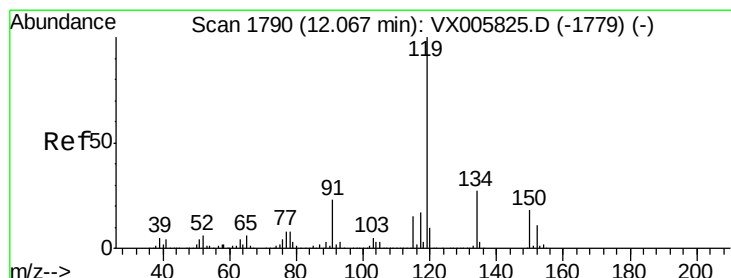
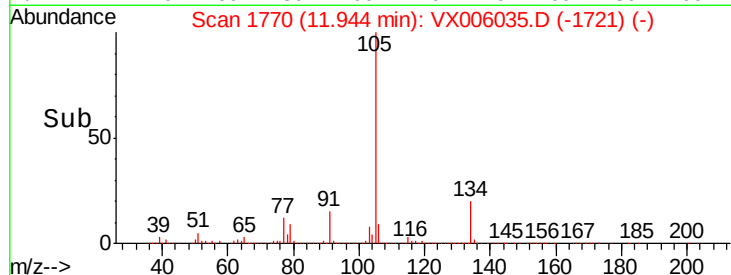
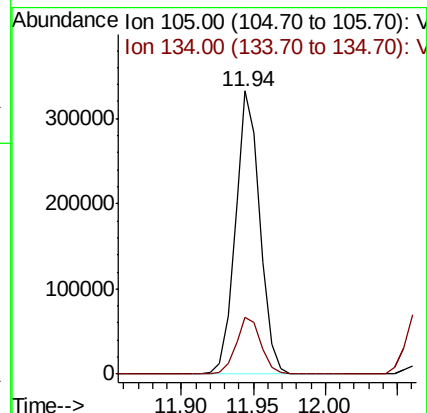
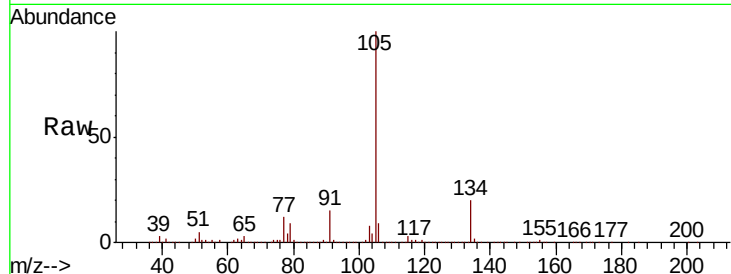
ClientSampleId :

Tot Ion:105 Resp: 392556

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.309 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

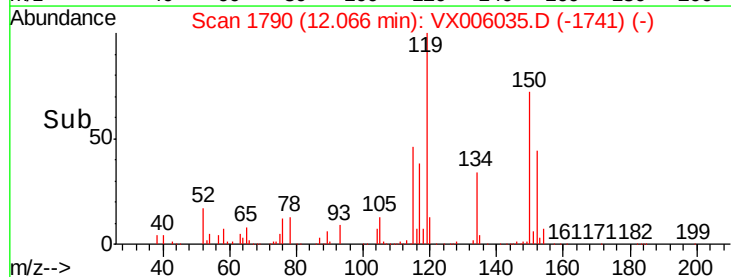
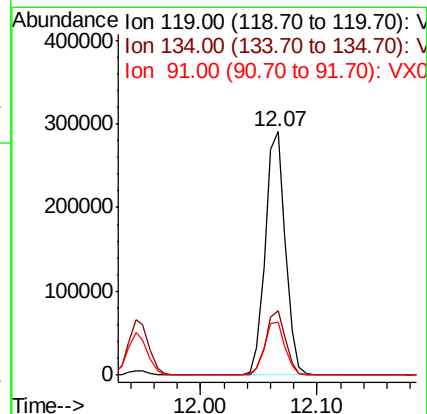
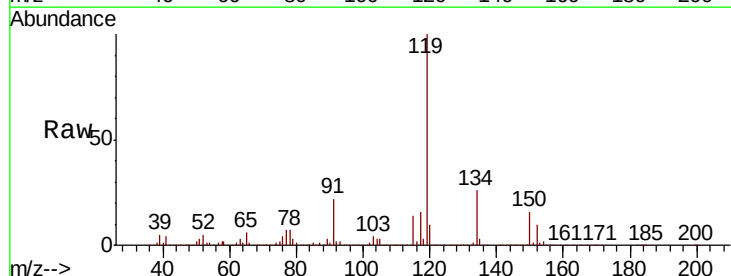
Tgt Ion:119 Resp: 350018

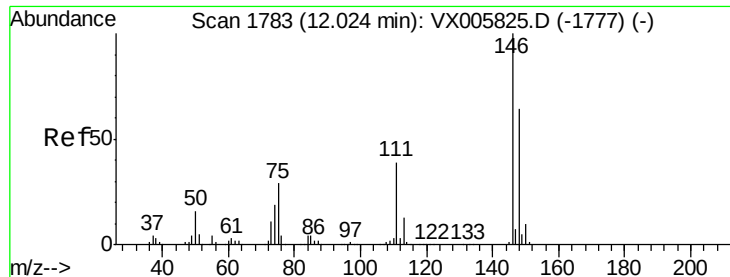
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 22.2 11.4 34.2

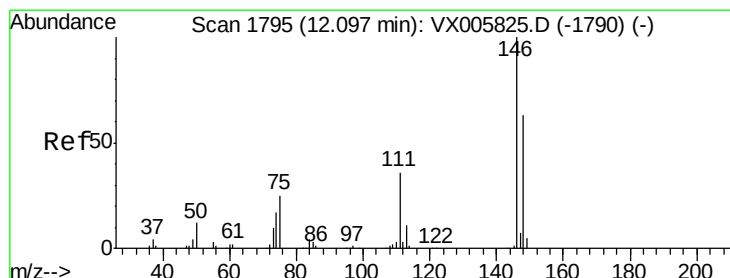
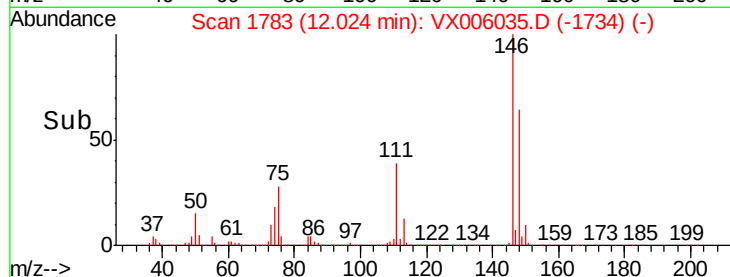
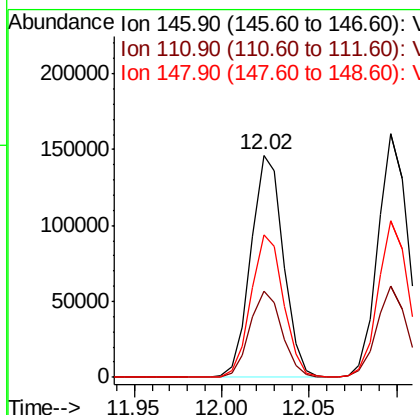
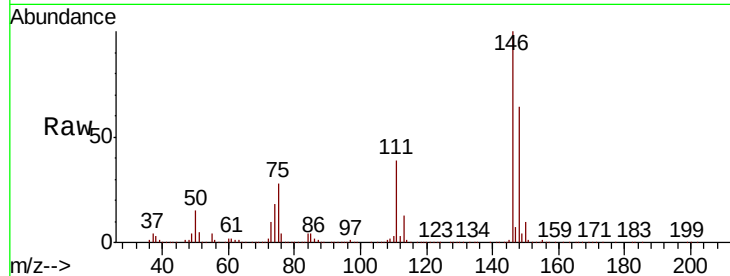




#87
 1,3-Dichlorobenzene
 Concen: 45.868 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

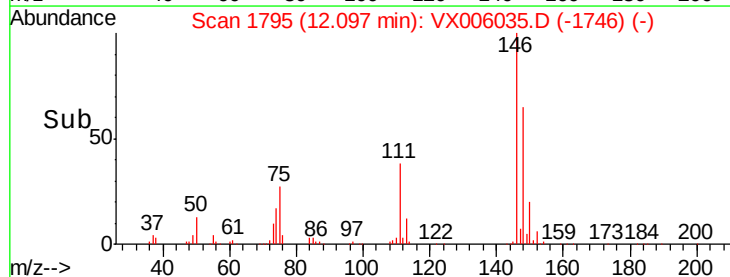
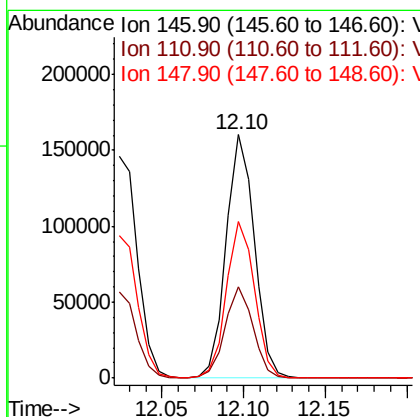
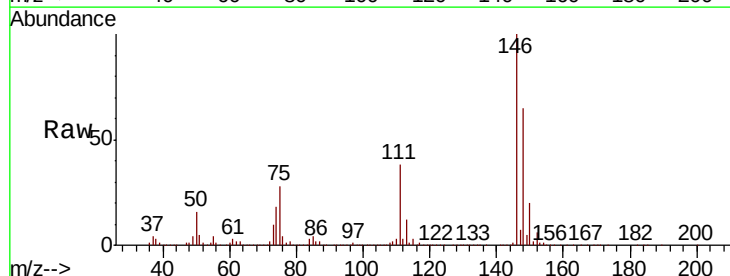
Instrument :
 MSVOA_X
 ClientSampleId :

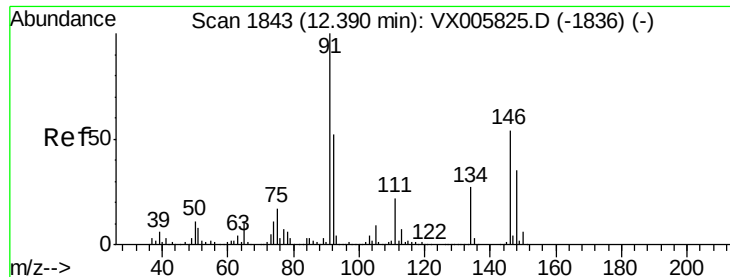
Tot Ion:146 Resp: 189131
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.633 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion:146 Resp: 192620
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.4 32.1 96.3

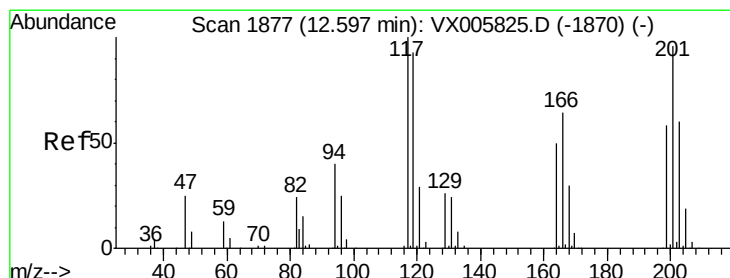
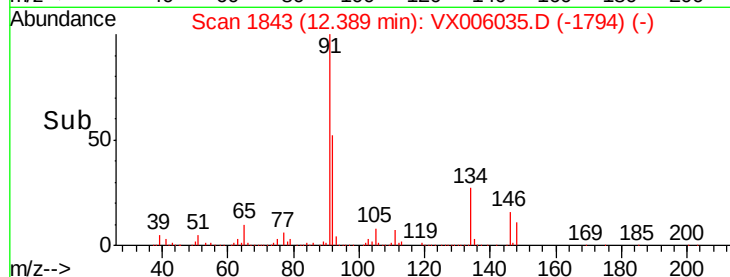
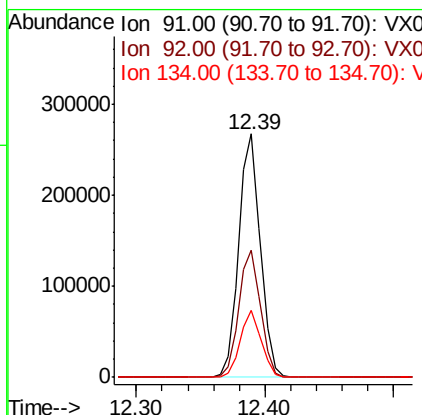
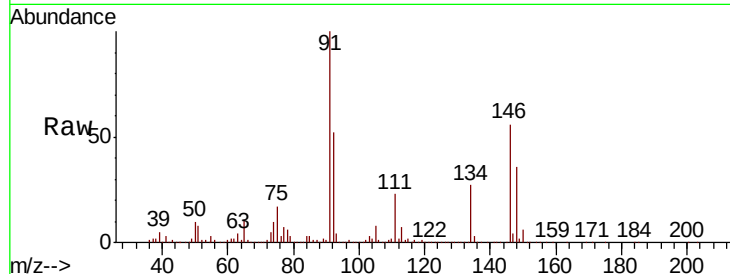




#89
n-Butylbenzene
Concen: 47.201 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

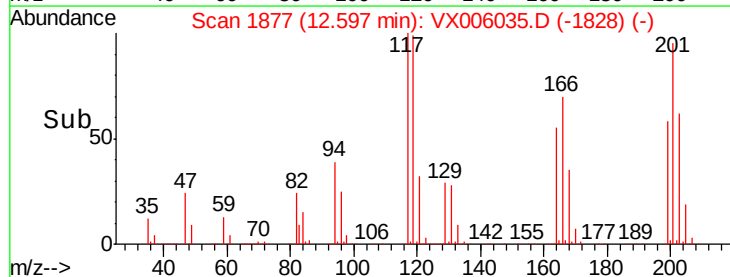
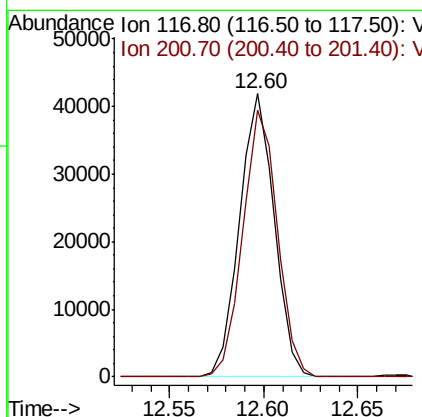
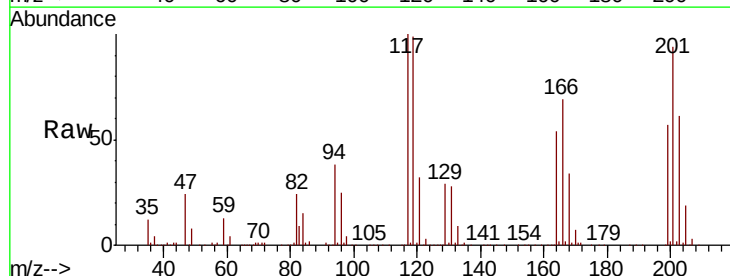
Instrument :
MSVOA_X
ClientSampleId :

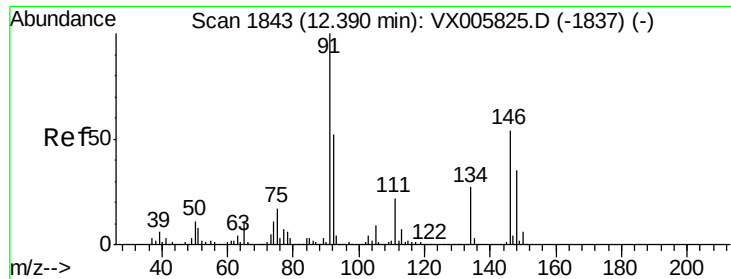
Tot Ion: 91 Resp: 310533
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.7 13.1 39.3



#90
Hexachloroethane
Concen: 45.145 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006035.D
Acq: 15 Nov 2018 21:59

Tgt Ion: 117 Resp: 53503
Ion Ratio Lower Upper
117 100
201 94.1 47.9 143.6

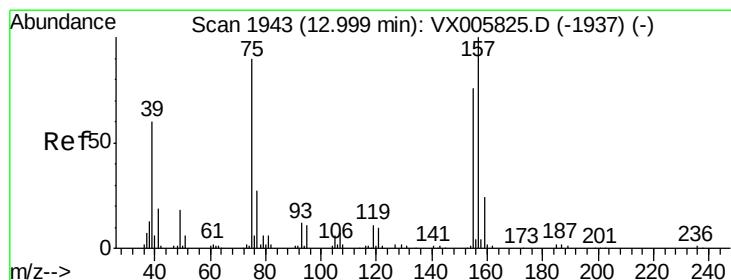
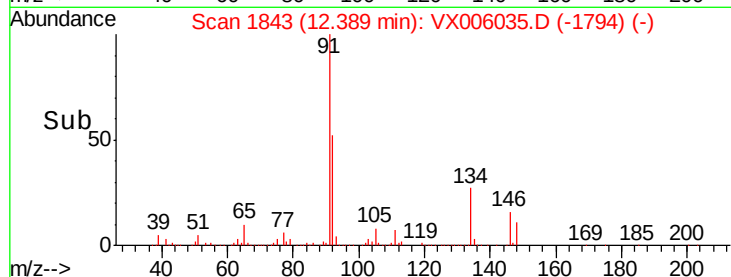
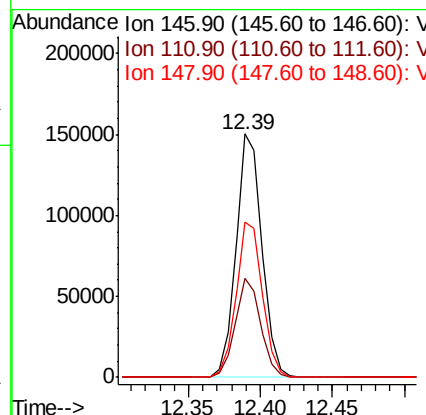
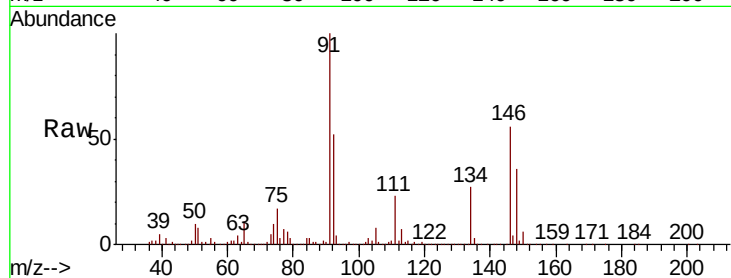




#91
 1,2-Dichlorobenzene
 Concen: 45.866 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

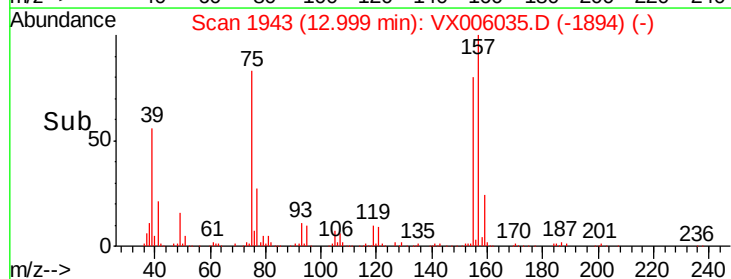
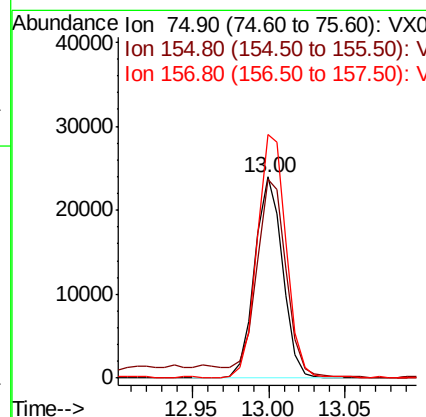
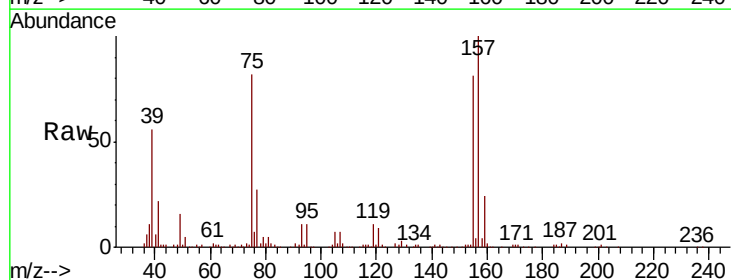
Instrument :
 MSVOA_X
 ClientSampleId :

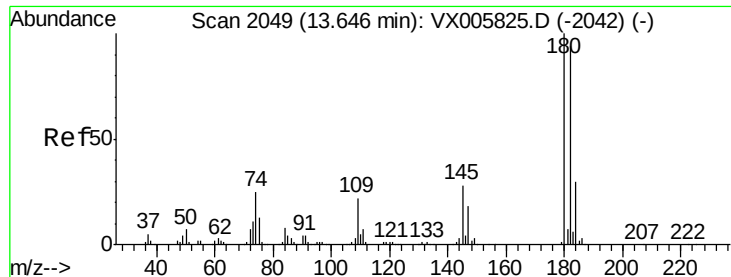
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.5	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.392 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.0	45.4	136.1
157	125.3	57.4	172.0

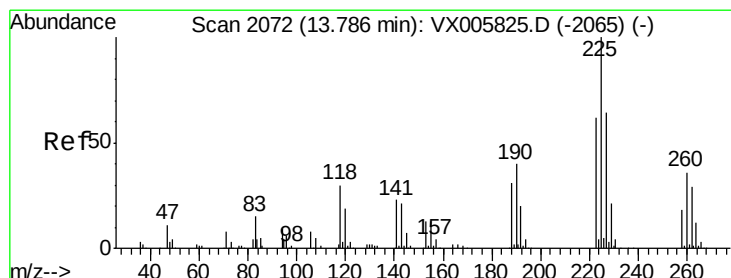
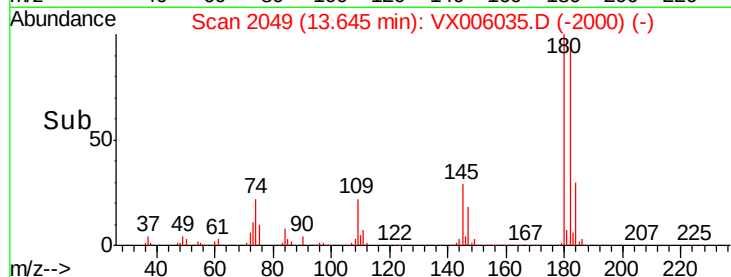
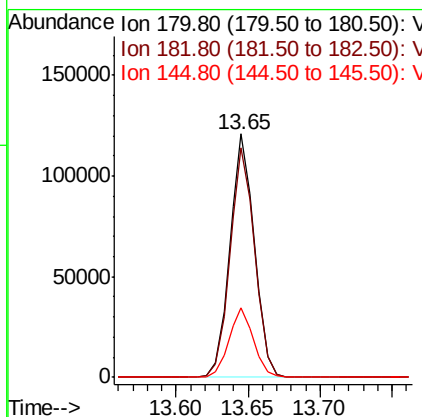
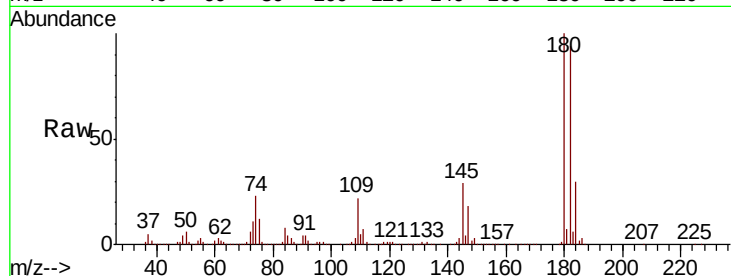




#93
 1,2,4-Trichlorobenzene
 Concen: 49.443 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

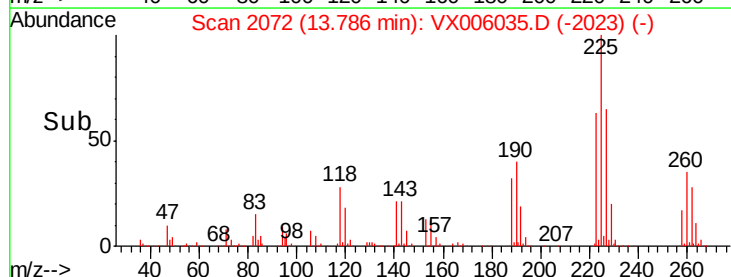
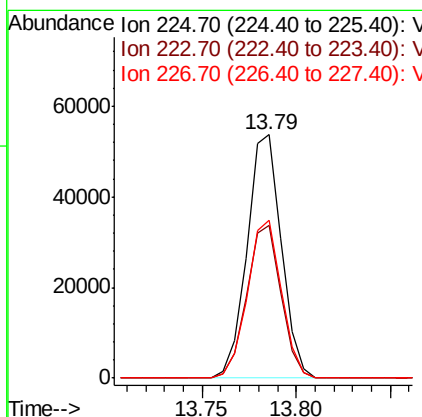
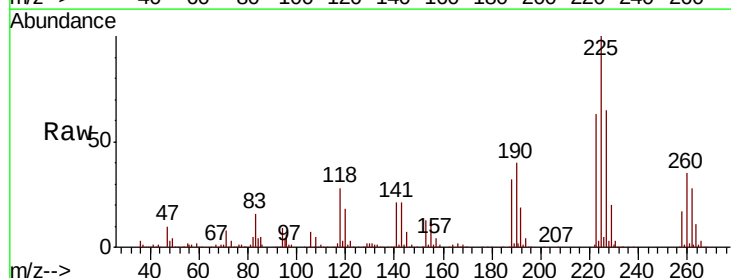
Instrument :
 MSVOA_X
 ClientSampleId :

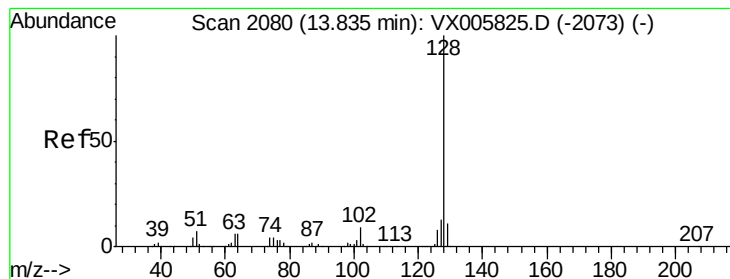
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 44.338 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006035.D
 Acq: 15 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 48.151 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

Instrument :

MSVOA_X

ClientSampleId :

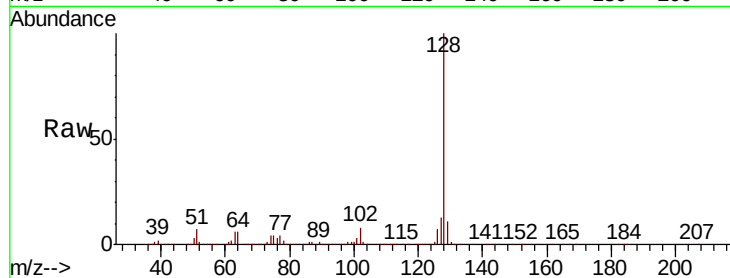
Tot Ion:128 Resp: 456209

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

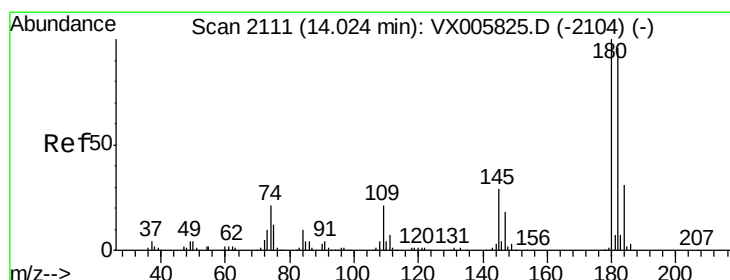
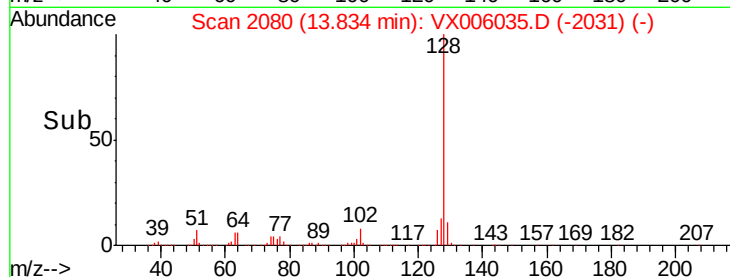
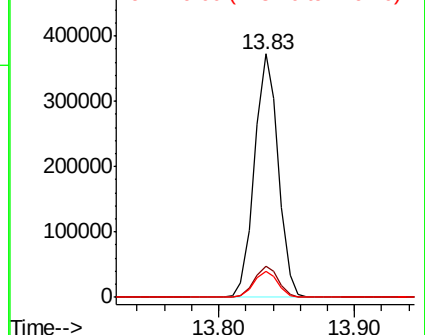
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.992 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006035.D

Acq: 15 Nov 2018 21:59

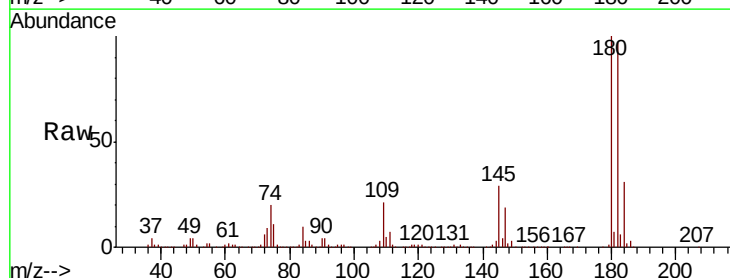
Tgt Ion:180 Resp: 145139

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

