

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006226.D
 Acq On : 30 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1130MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Quant Time: Nov 30 22:17:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	805084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1206051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1088442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	563879	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	398300	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.50	113	380660	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	1369288	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.13	95	514665	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	159534	20.238	ug/l	97
3) Chloromethane	1.33	50	161395	19.924	ug/l	98
4) Vinyl Chloride	1.41	62	178297	20.451	ug/l	99
5) Bromomethane	1.64	94	117443	19.437	ug/l	97
6) Chloroethane	1.73	64	110949	20.755	ug/l	100
7) Trichlorofluoromethane	1.93	101	258887	19.344	ug/l	100
8) Diethyl Ether	2.19	74	97607	19.271	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145773	19.156	ug/l	99
10) Methyl Iodide	2.51	142	213932	18.654	ug/l	99
11) Tert butyl alcohol	3.06	59	217822	96.913	ug/l	98
12) 1,1-Dichloroethene	2.38	96	140180	19.243	ug/l	95
13) Acrolein	2.29	56	112124	91.272	ug/l	98
14) Allyl chloride	2.73	41	282566	19.635	ug/l	98
15) Acrylonitrile	3.15	53	447567	95.426	ug/l	100
16) Acetone	2.45	43	380437	98.637	ug/l	99
17) Carbon Disulfide	2.57	76	430999	19.200	ug/l	99
18) Methyl Acetate	2.78	43	248975	19.303	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	500082	19.243	ug/l	99
20) Methylene Chloride	2.86	84	156868	19.110	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	148939	19.185	ug/l	97
22) Diisopropyl ether	3.87	45	442005	19.664	ug/l	94
23) Vinyl Acetate	3.82	43	1875558	97.831	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262835	20.458	ug/l	99
25) 2-Butanone	4.70	43	534648	97.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	218157	18.399	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	171508	19.806	ug/l	98
28) Bromochloromethane	5.02	49	110407	19.674	ug/l	98
29) Tetrahydrofuran	5.15	42	362789	94.852	ug/l	98
30) Chloroform	5.22	83	265698	19.680	ug/l	99
31) Cyclohexane	5.58	56	225878	19.024	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	248495	19.344	ug/l	98
36) 1,1-Dichloropropene	5.80	75	192495	18.953	ug/l	100
37) Ethyl Acetate	4.85	43	209579	18.427	ug/l	98
38) Carbon Tetrachloride	5.78	117	231356	19.364	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006226.D
 Acq On : 30 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1130MBS01
 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Quant Time: Nov 30 22:17:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246326	18.685	ug/l	98
40) Benzene	6.14	78	592800	19.488	ug/l	99
41) Methacrylonitrile	5.06	41	114596	18.311	ug/l	98
42) 1,2-Dichloroethane	6.20	62	193626	19.449	ug/l	100
43) Isopropyl Acetate	6.46	43	351949	18.560	ug/l	99
44) Trichloroethene	7.21	130	178499	19.370	ug/l	96
45) 1,2-Dichloropropane	7.52	63	147595	19.091	ug/l	96
46) Dibromomethane	7.66	93	107276	19.213	ug/l	99
47) Bromodichloromethane	7.90	83	206655	19.112	ug/l	97
48) Methyl methacrylate	7.77	41	173768	18.836	ug/l	99
49) 1,4-Dioxane	7.75	88	88635	389.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1056298	95.686	ug/l	99
52) Toluene	8.79	92	386716	19.324	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	238106	18.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	246386	18.764	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	160233	19.708	ug/l	98
56) Ethyl methacrylate	9.18	69	246079	19.361	ug/l	99
57) 1,3-Dichloropropane	9.37	76	250271	19.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	624876	96.884	ug/l	100
59) 2-Hexanone	9.49	43	811863	96.261	ug/l	100
60) Dibromochloromethane	9.59	129	194351	19.386	ug/l	100
61) 1,2-Dibromoethane	9.67	107	176866	19.456	ug/l	98
64) Tetrachloroethene	9.34	164	516442	63.004	ug/l	98
65) Chlorobenzene	10.14	112	449017	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	174473	19.435	ug/l	99
67) Ethyl Benzene	10.25	91	735803	19.147	ug/l	99
68) m/p-Xylenes	10.36	106	594548	38.624	ug/l	99
69) o-Xylene	10.70	106	291117	19.146	ug/l	99
70) Styrene	10.71	104	473616	19.259	ug/l	98
71) Bromoform	10.86	173	163424	19.285	ug/l	99
73) Isopropylbenzene	11.02	105	770275	19.781	ug/l	100
74) N-amyl acetate	10.90	43	325757	19.426	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	245565	19.711	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	289995	26.645	ug/l	87
77) Bromobenzene	11.26	156	212150	19.631	ug/l	100
78) n-propylbenzene	11.36	91	841827	19.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	506043	19.669	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	631075	19.478	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	87606	18.889	ug/l	95
82) 4-Chlorotoluene	11.51	91	581735	19.448	ug/l	99
83) tert-Butylbenzene	11.77	119	678230	19.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	646401	19.321	ug/l	99
85) sec-Butylbenzene	11.94	105	769773	19.573	ug/l	100
86) p-Isopropyltoluene	12.06	119	676963	19.116	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	373138	19.405	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	370812	18.999	ug/l	98
89) n-Butylbenzene	12.39	91	553694	18.325	ug/l	100
90) Hexachloroethane	12.60	117	141685	19.631	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	370833	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60652	18.992	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006226.D
Acq On : 30 Nov 2018 13:23
Operator : JC/MD
Sample : VX1130MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Quant Time: Nov 30 22:17:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

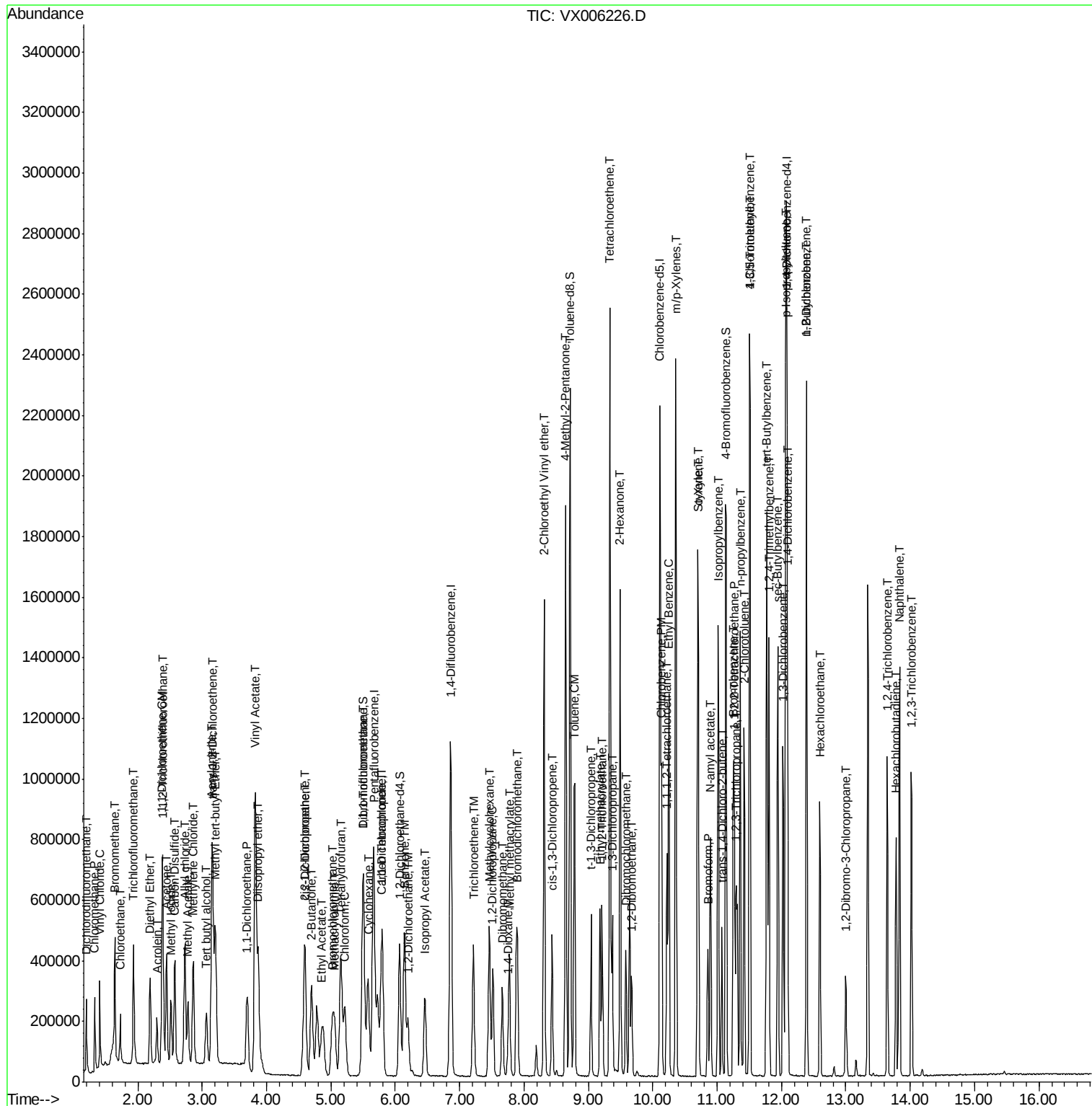
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	259261	18.621	ug/l	99
94) Hexachlorobutadiene	13.79	225	123261	20.018	ug/l	99
95) Naphthalene	13.83	128	835994	19.303	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	258277	18.729	ug/l	99

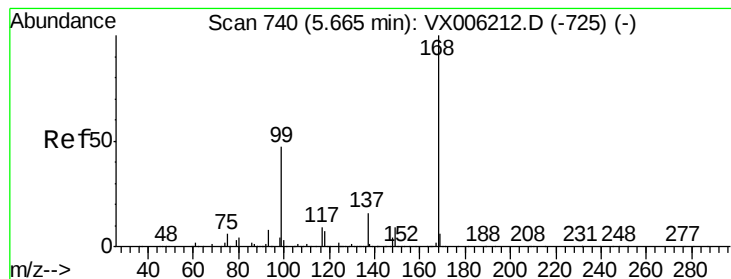
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006226.D
 Acq On : 30 Nov 2018 13:23
 Operator : JC/MD
 Sample : VX1130MBS01
 Misc : 5.0µl/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample Id :
 VX1130MBS01

Quant Time: Nov 30 22:17:31 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

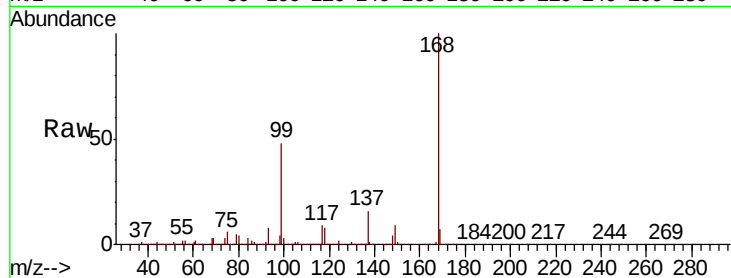
VX1130MBS01

Tot Ion:168 Resp: 805084

Ion Ratio Lower Upper

168 100

99 48.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

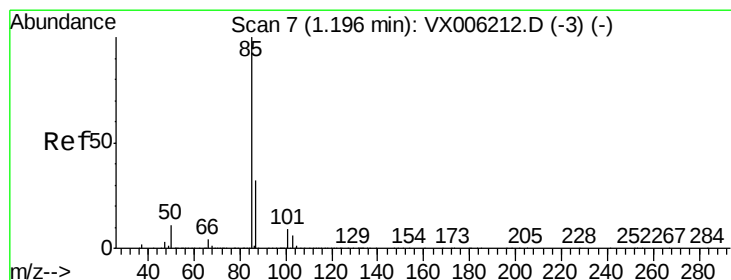
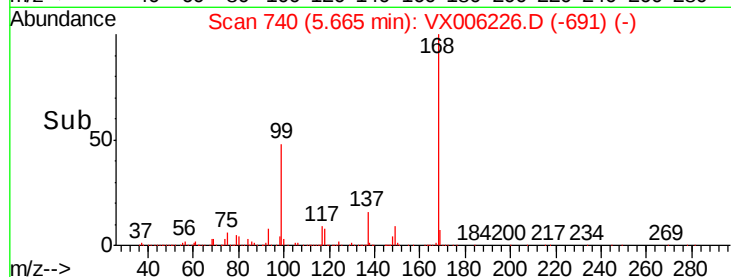
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.238 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006226.D

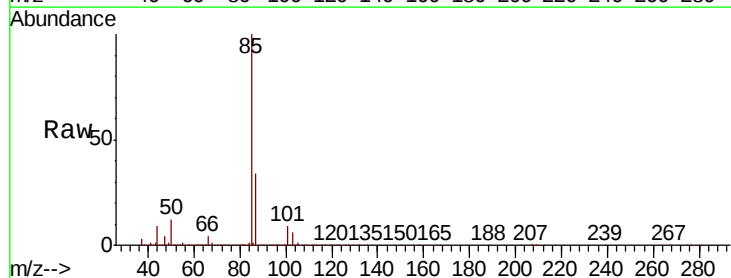
Acq: 30 Nov 2018 13:23

Tgt Ion: 85 Resp: 159534

Ion Ratio Lower Upper

85 100

87 34.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

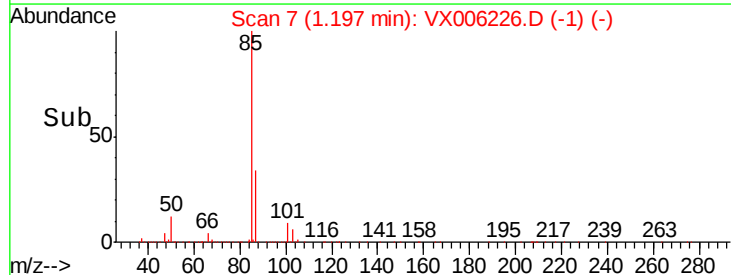
150000

100000

50000

0

Time-->

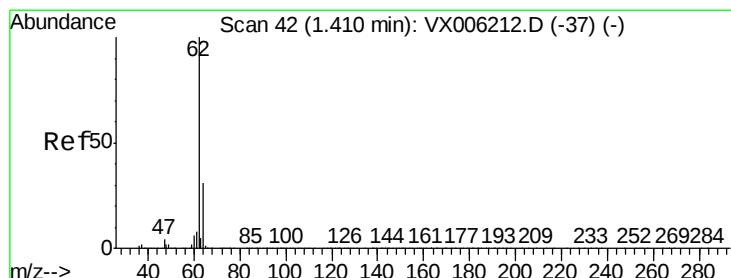
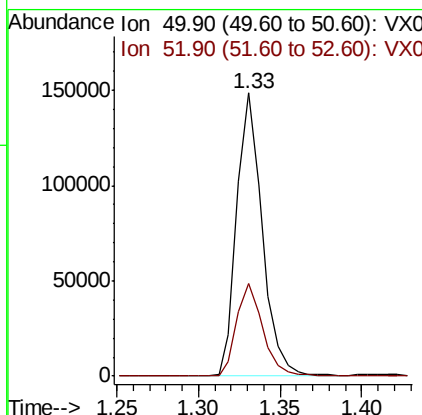
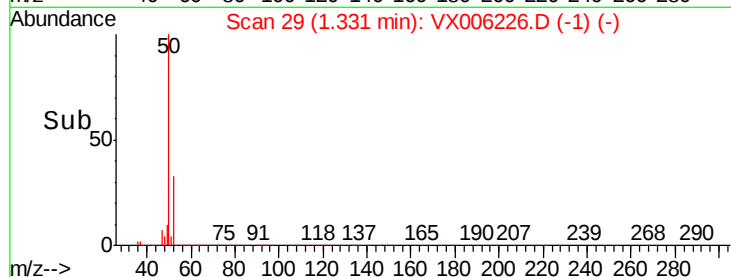
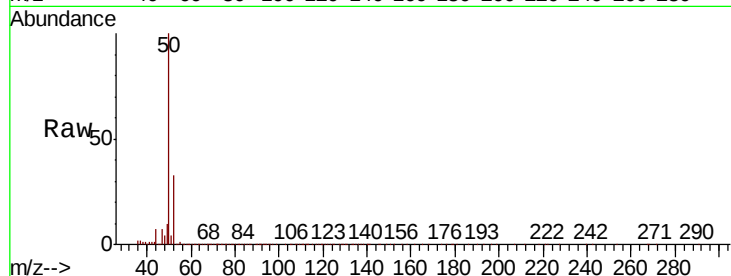




#3
Chloromethane
Concen: 19.924 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

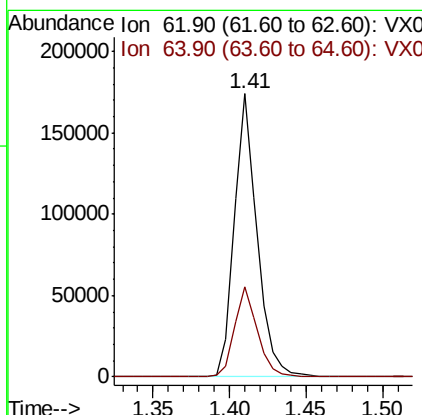
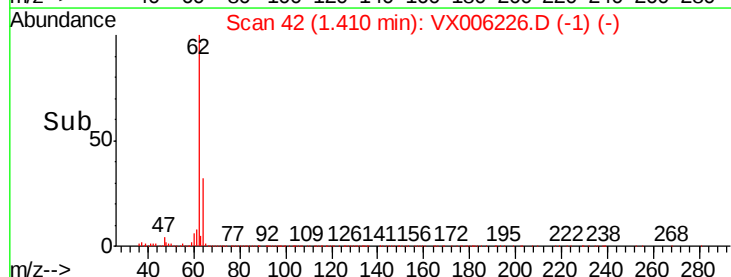
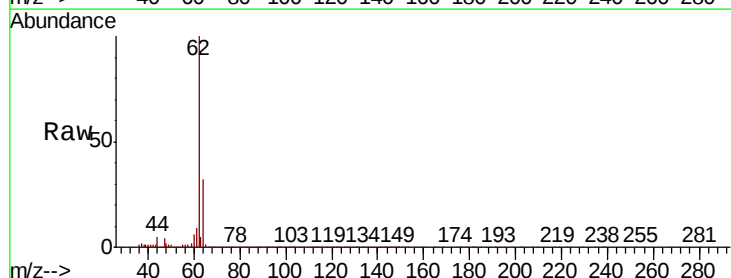
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

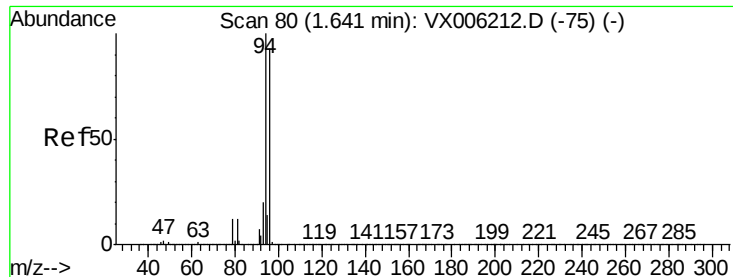
Tot Ion: 50 Resp: 161395
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8



#4
Vinyl Chloride
Concen: 20.451 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 62 Resp: 178297
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5

Bromomethane

Concen: 19.437 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

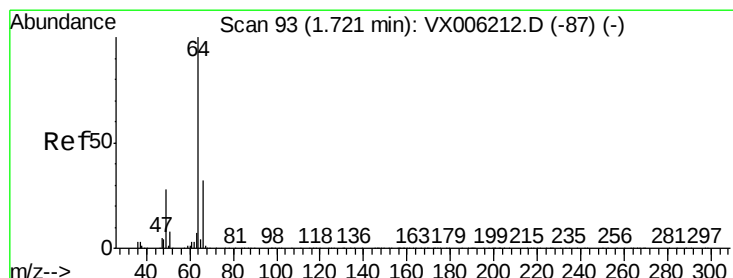
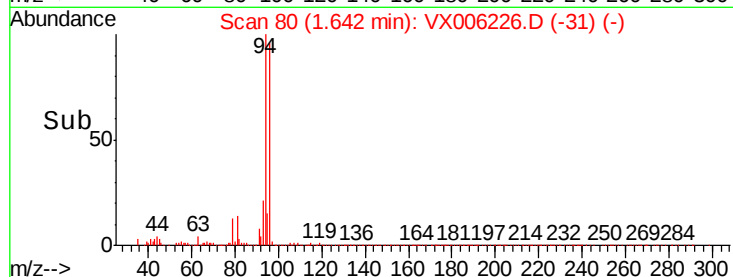
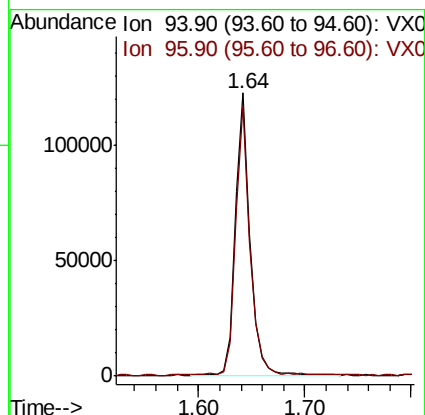
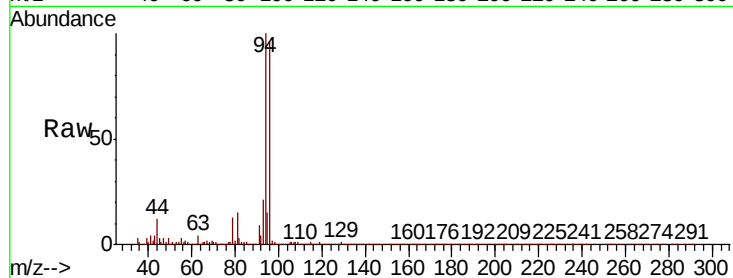
VX1130MBS01

Tot Ion: 94 Resp: 117443

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



#6

Chloroethane

Concen: 20.755 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006226.D

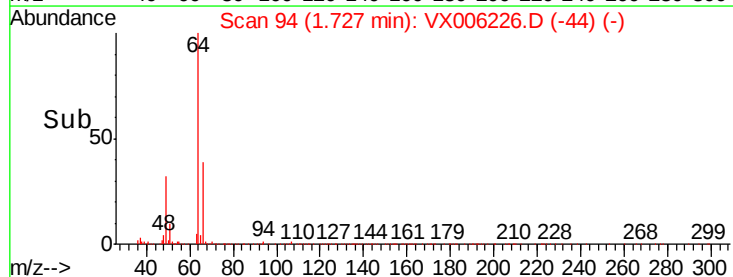
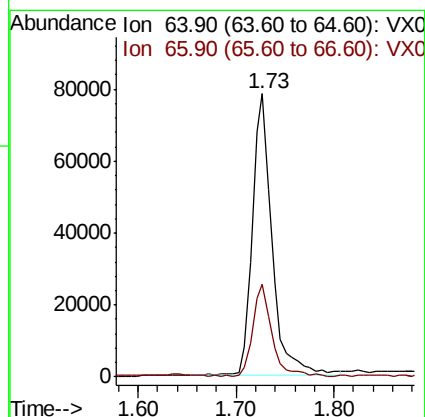
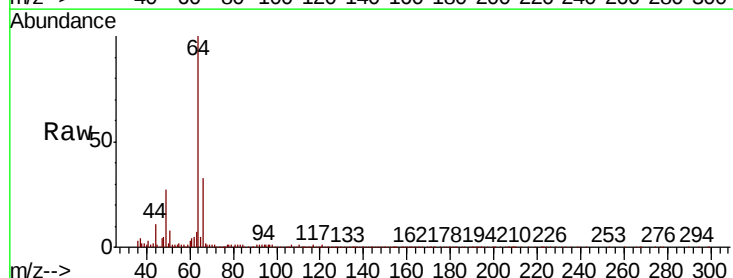
Acq: 30 Nov 2018 13:23

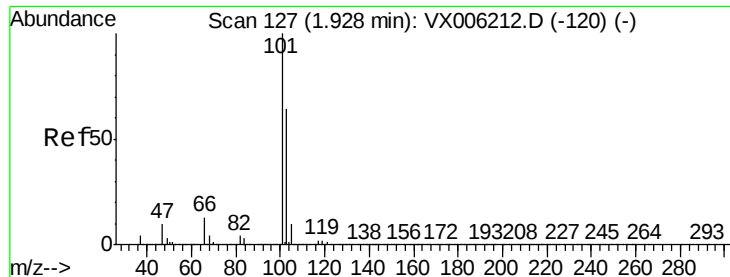
Tgt Ion: 64 Resp: 110949

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9



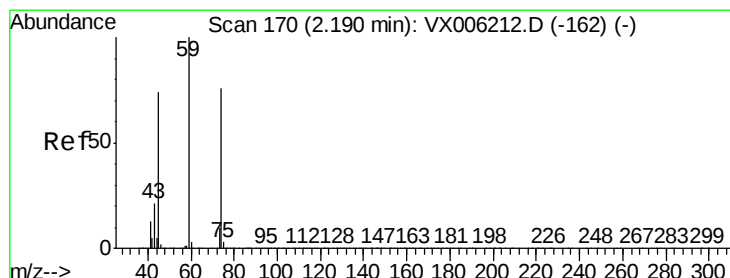
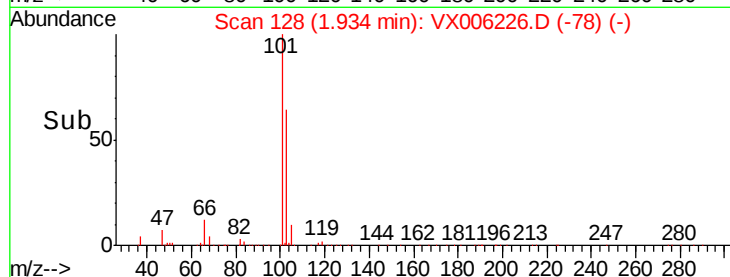
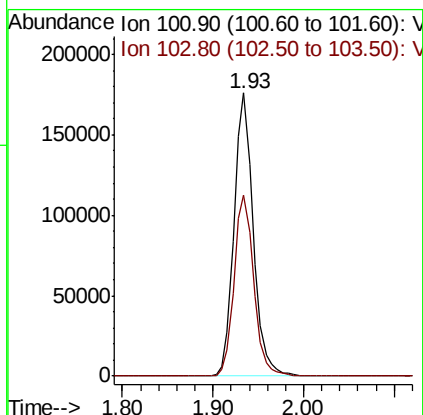
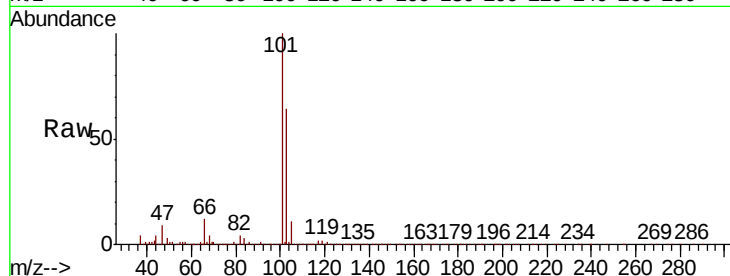


#7

Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

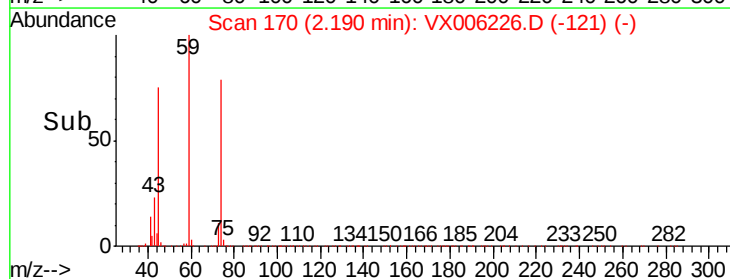
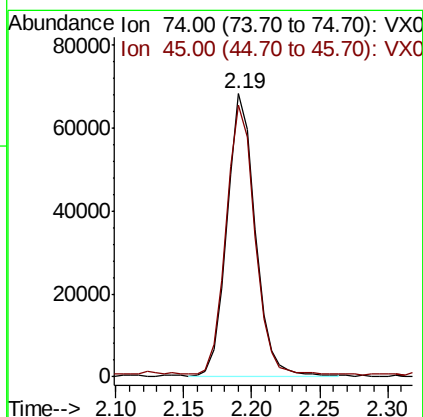
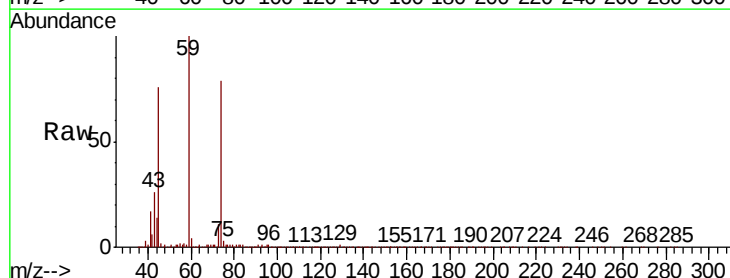
Tot Ion:101 Resp: 258887
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

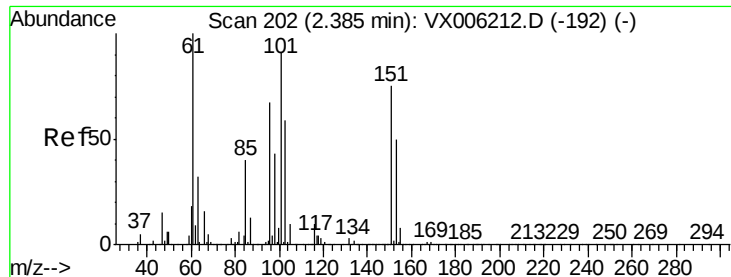


#8

Diethyl Ether
Concen: 19.271 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 74 Resp: 97607
Ion Ratio Lower Upper
74 100
45 97.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.156 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

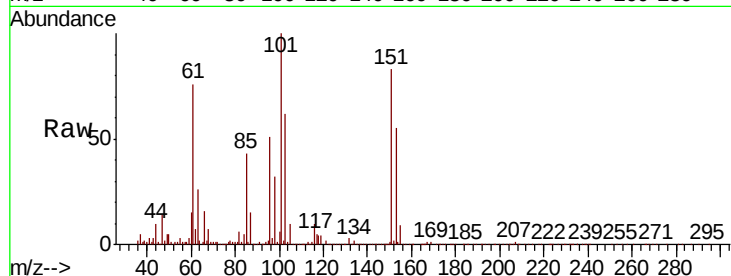
Tot Ion:101 Resp: 145773

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

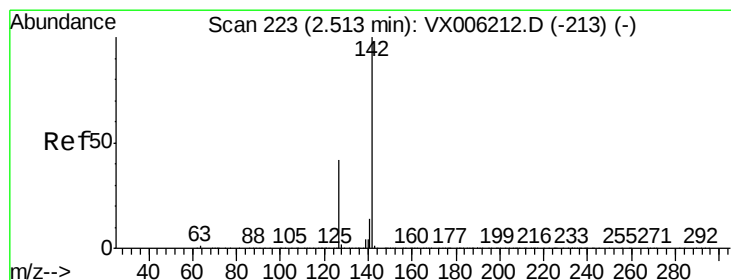
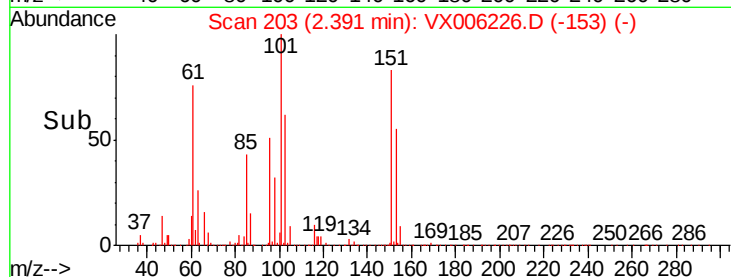
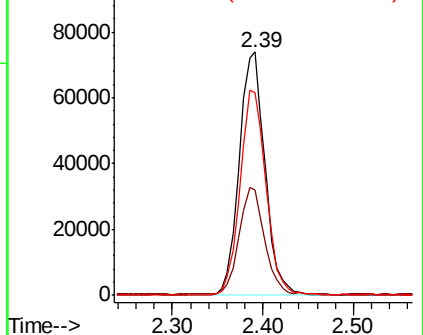
151 84.4 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.654 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

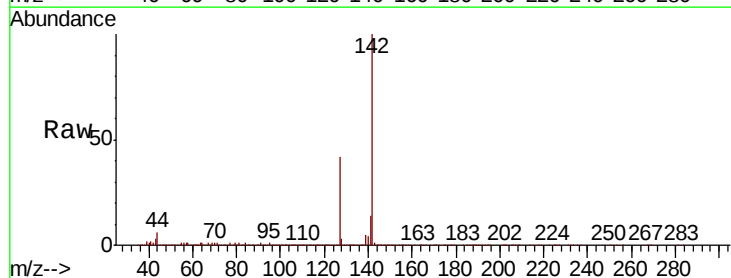
Tgt Ion:142 Resp: 213932

Ion Ratio Lower Upper

142 100

127 43.0 34.8 52.2

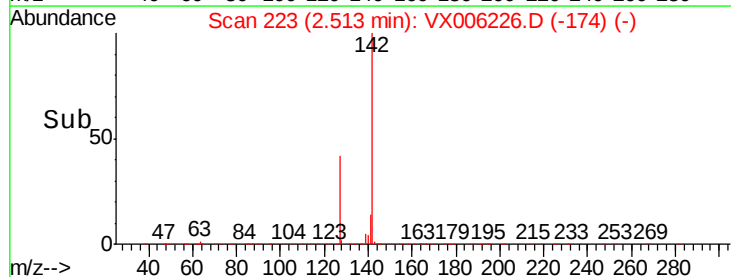
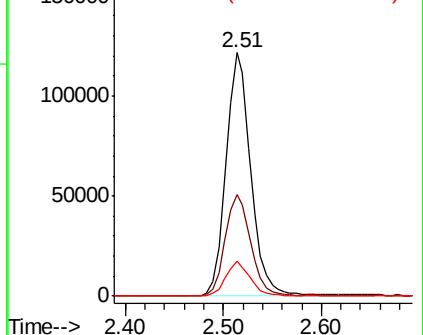
141 13.8 11.4 17.2

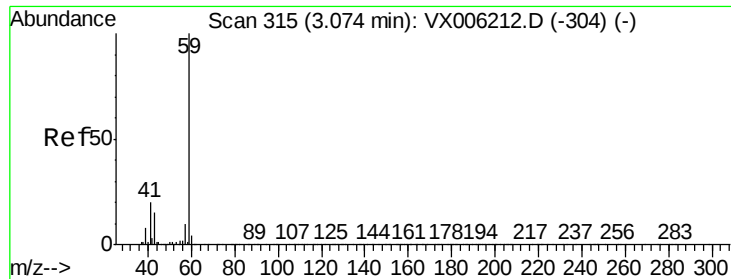


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

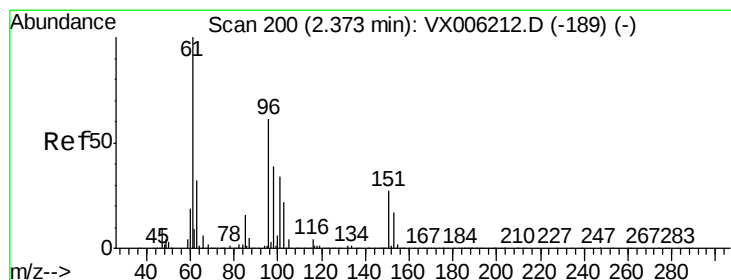
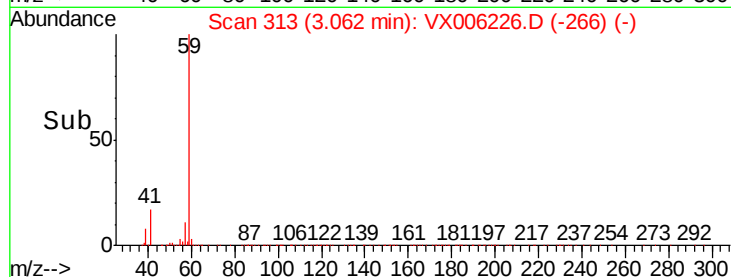
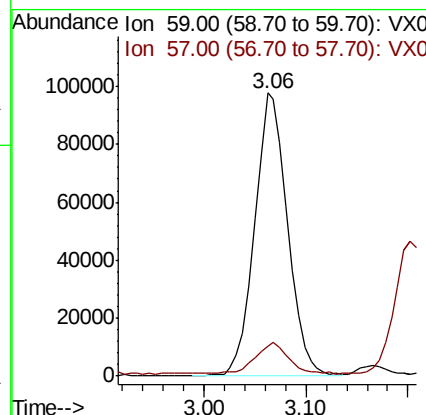
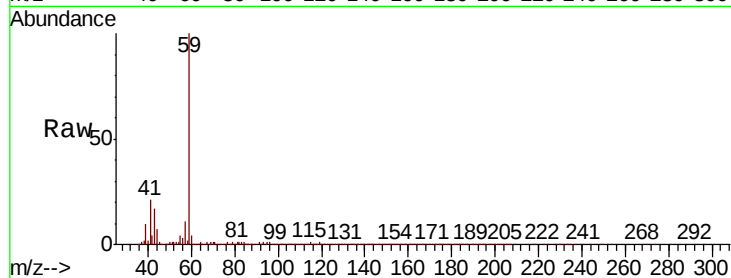




#11
Tert butyl alcohol
Concen: 96.913 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

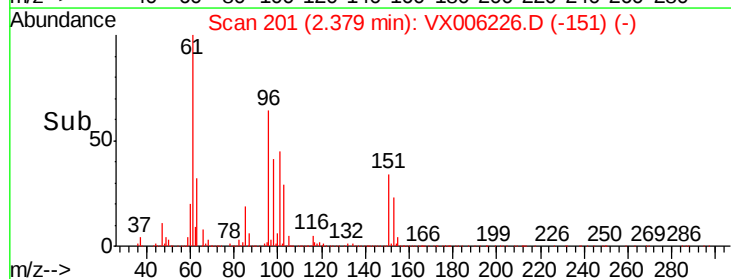
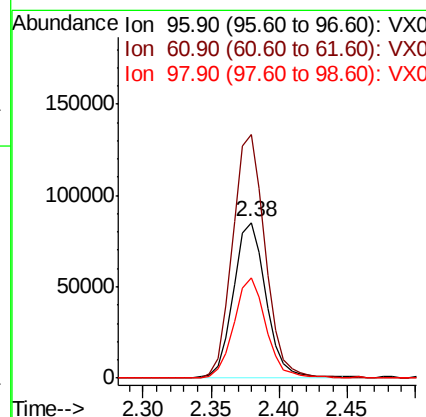
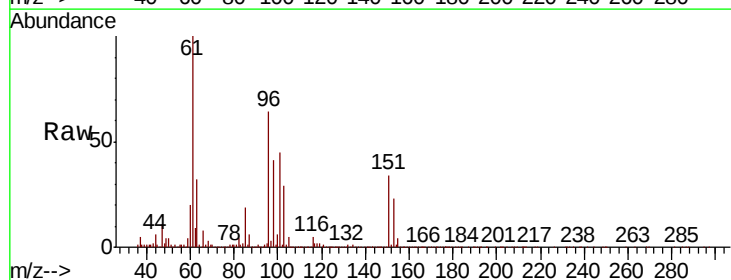
Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

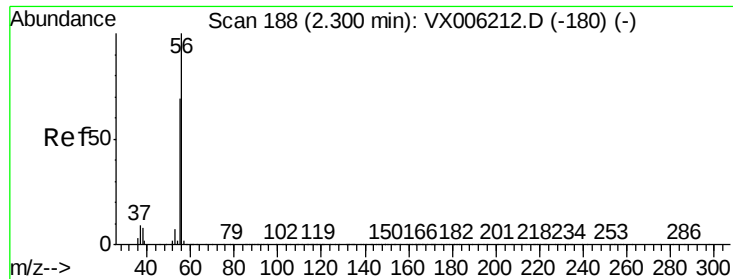
Tot Ion: 59 Resp: 217822
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.243 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 96 Resp: 140180
Ion Ratio Lower Upper
96 100
61 156.5 131.7 197.5
98 64.1 51.8 77.6





#13

Acrolein

Concen: 91.272 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

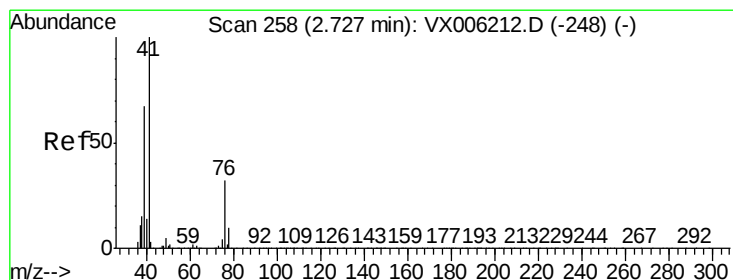
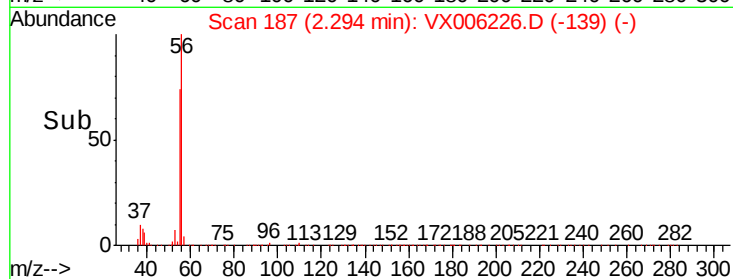
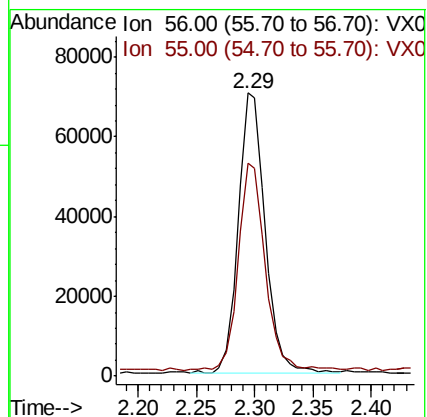
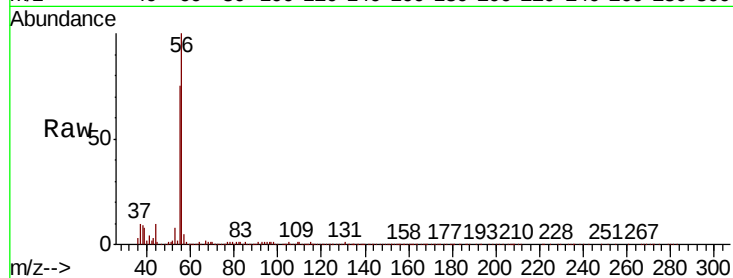
VX1130MBS01

Tot Ion: 56 Resp: 112124

Ion Ratio Lower Upper

56 100

55 73.8 57.8 86.6



#14

Allyl chloride

Concen: 19.635 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

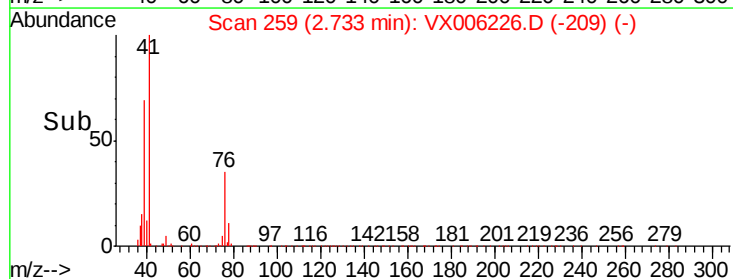
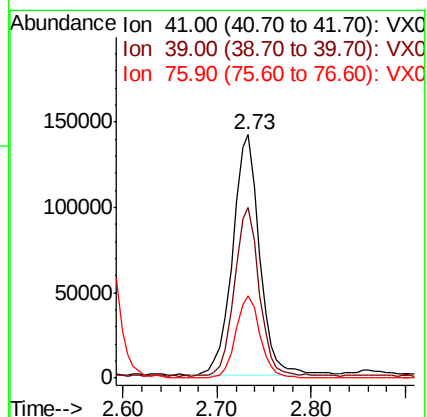
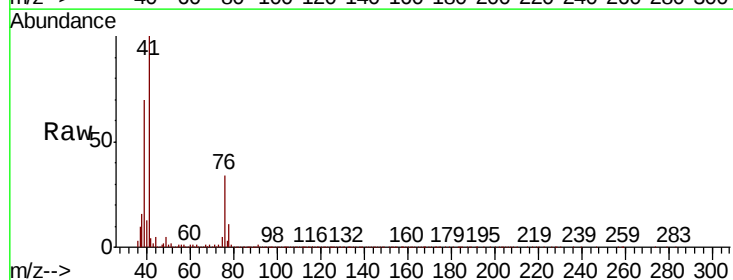
Tgt Ion: 41 Resp: 282566

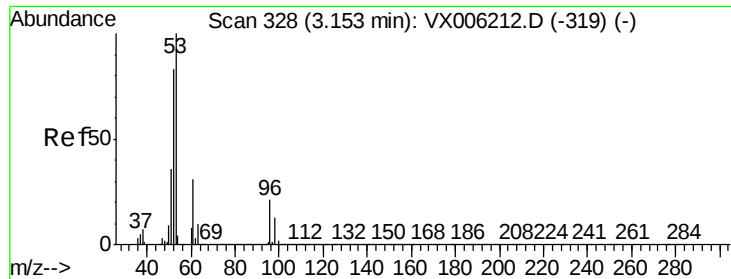
Ion Ratio Lower Upper

41 100

39 64.1 52.4 78.6

76 30.2 25.4 38.0





#15

Acrylonitrile

Concen: 95.426 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

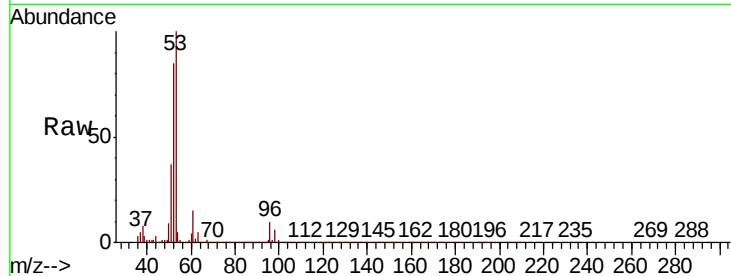
MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 53 Resp: 447567

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	36.7	28.7	43.1

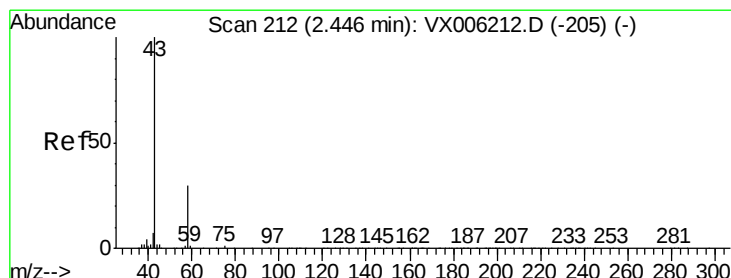
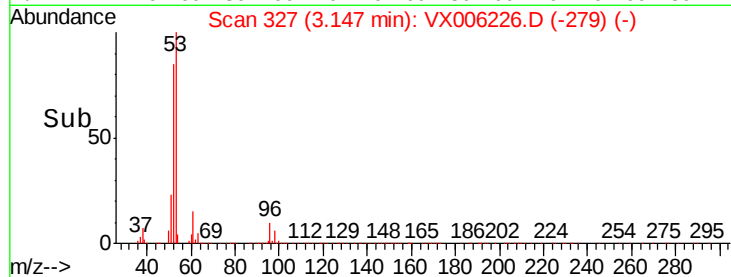
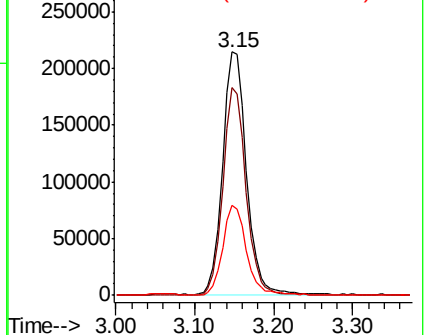


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.637 ug/l

RT: 2.45 min Scan# 212

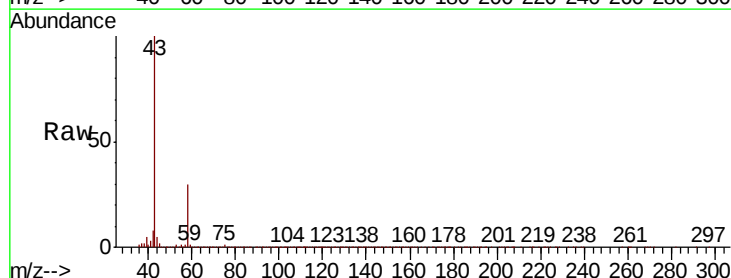
Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion: 43 Resp: 380437

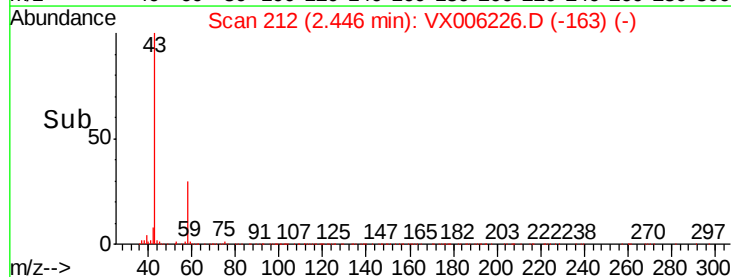
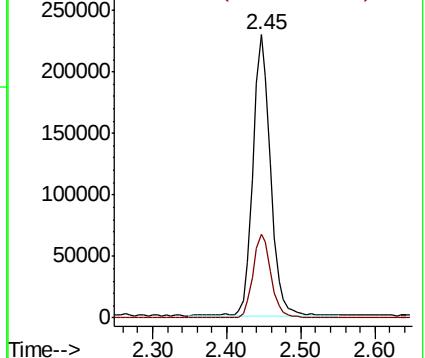
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.0	36.0

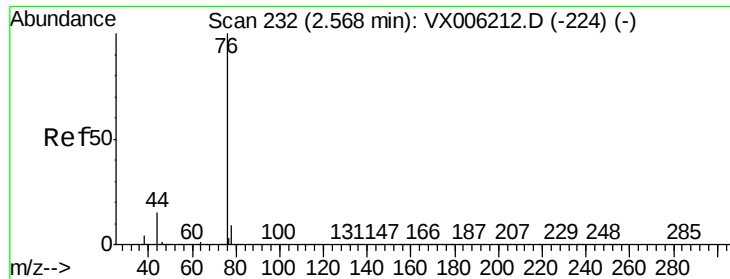


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

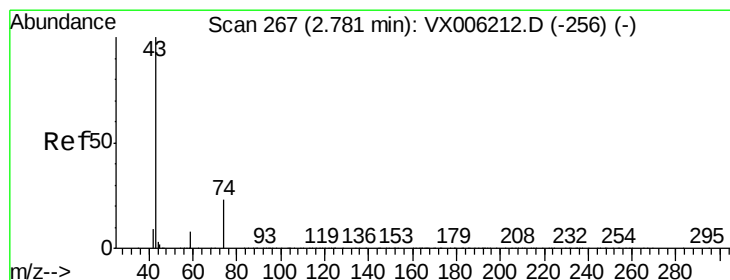
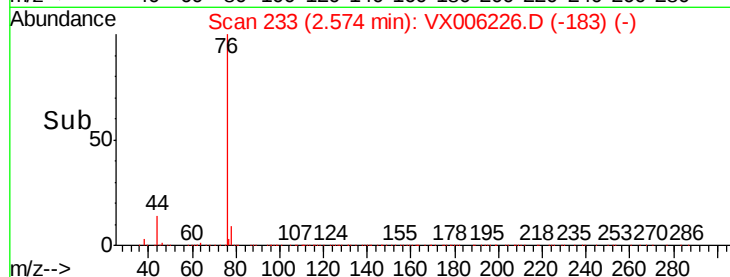
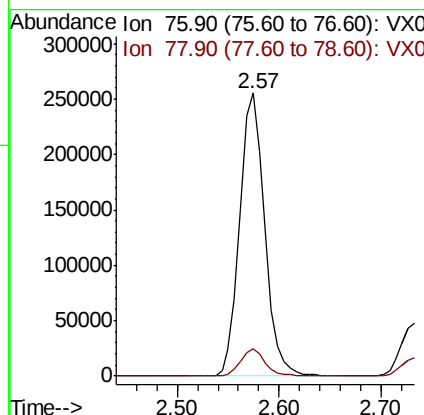
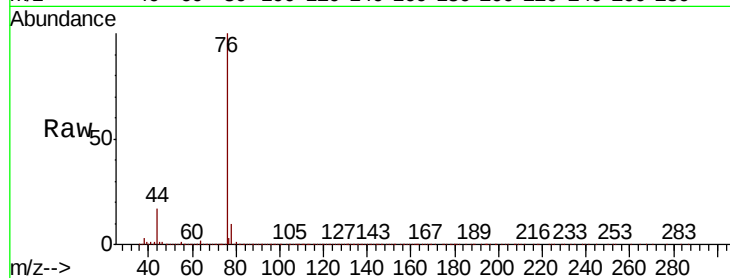




#17
Carbon Disulfide
Concen: 19.200 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

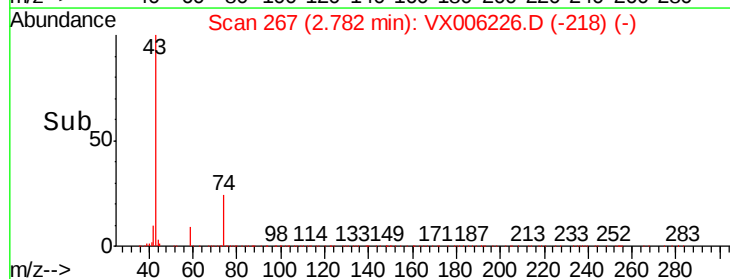
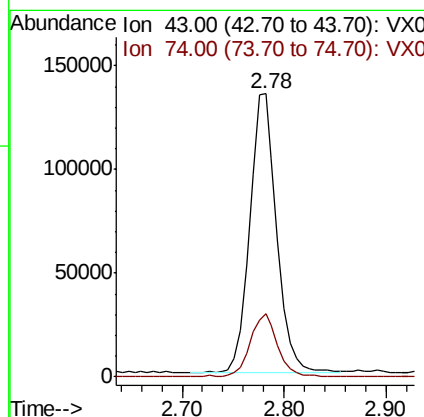
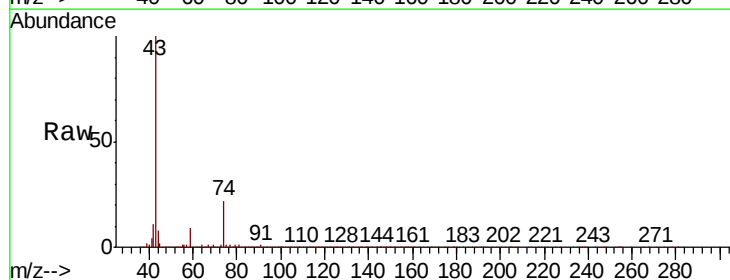
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

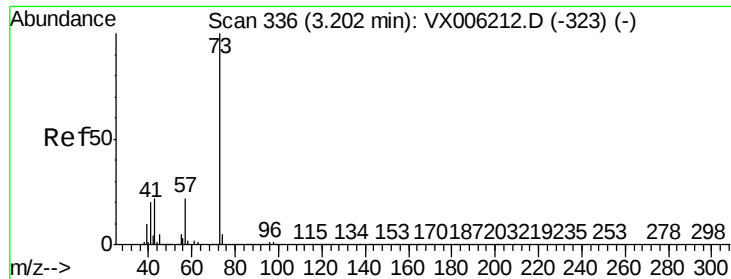
Tot Ion: 76 Resp: 430999
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 19.303 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 43 Resp: 248975
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9

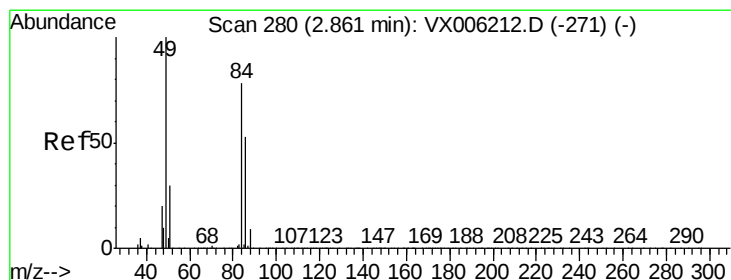
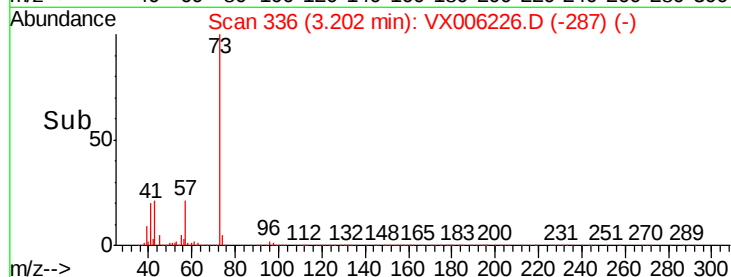
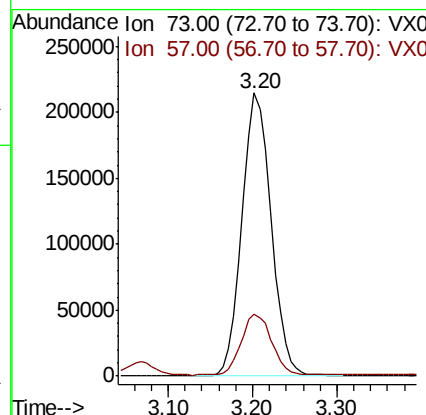
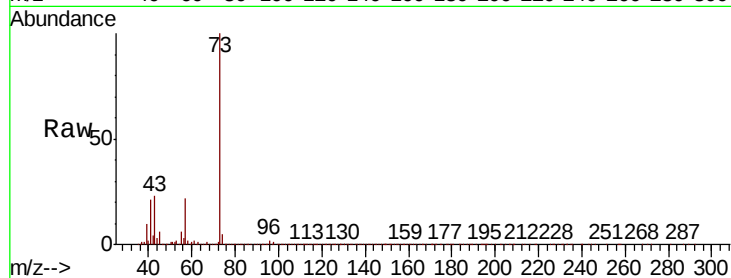




#19
Methyl tert-butyl Ether
Concen: 19.243 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

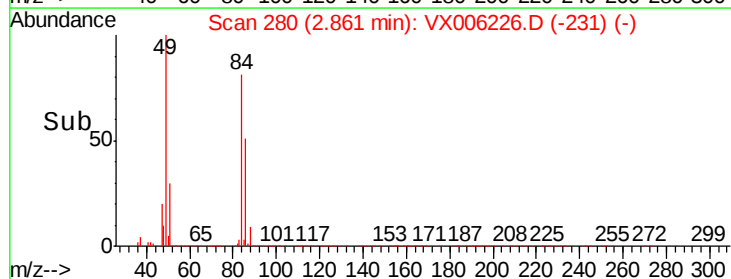
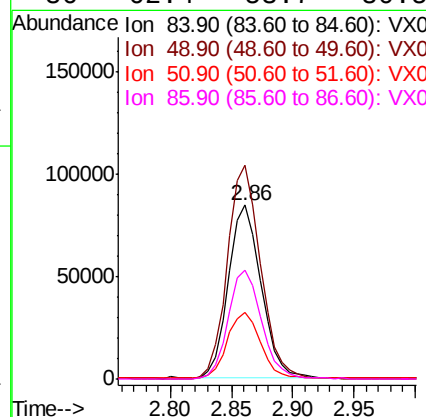
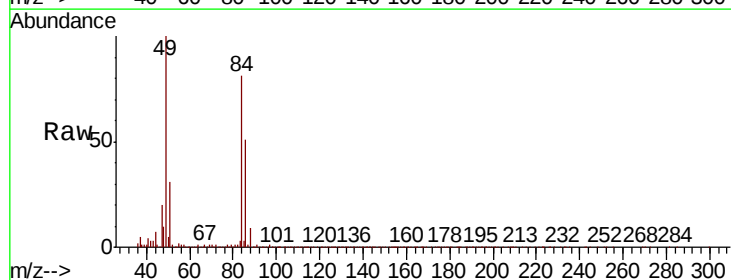
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

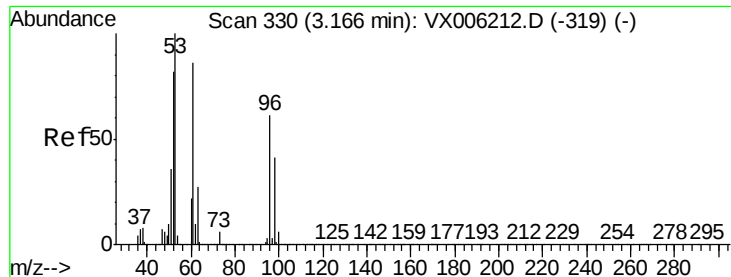
Tot Ion: 73 Resp: 500082
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 19.110 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 84 Resp: 156868
Ion Ratio Lower Upper
84 100
49 123.4 102.2 153.4
51 37.8 31.1 46.7
86 62.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.185 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

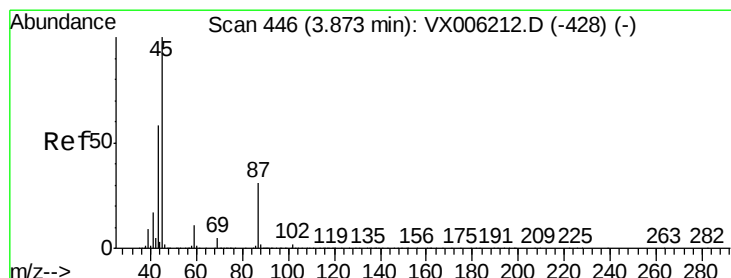
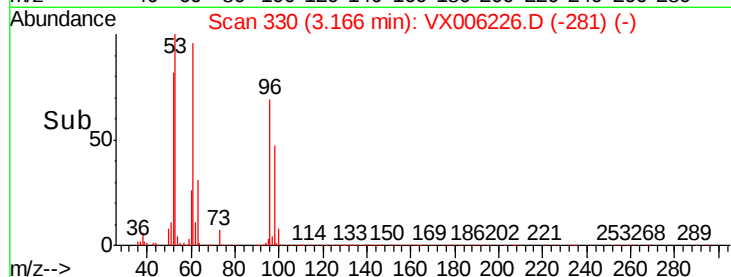
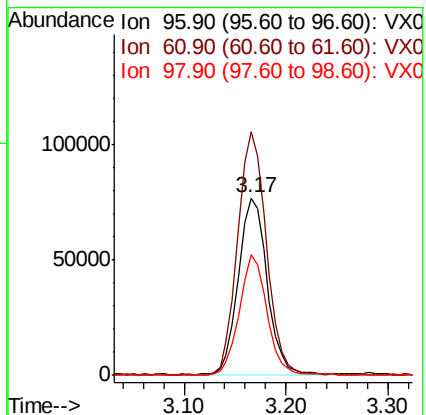
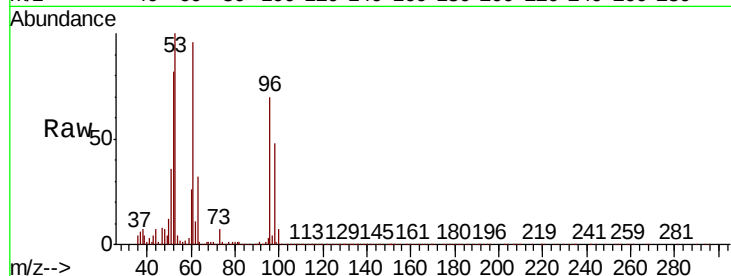
Tot Ion: 96 Resp: 148939

Ion Ratio Lower Upper

96 100

61 137.7 113.3 169.9

98 68.0 53.2 79.8



#22

Diisopropyl ether

Concen: 19.664 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion: 45 Resp: 442005

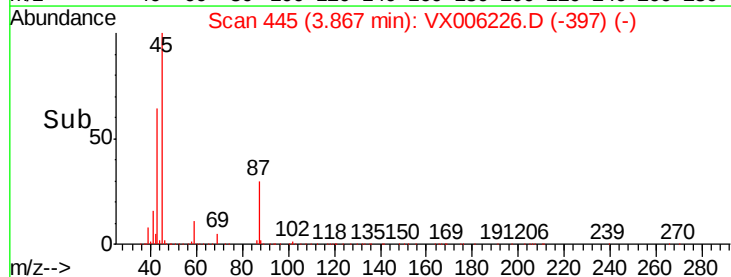
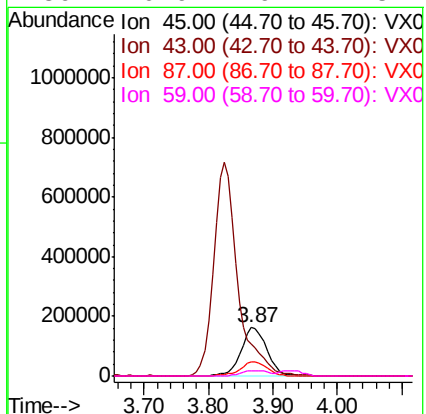
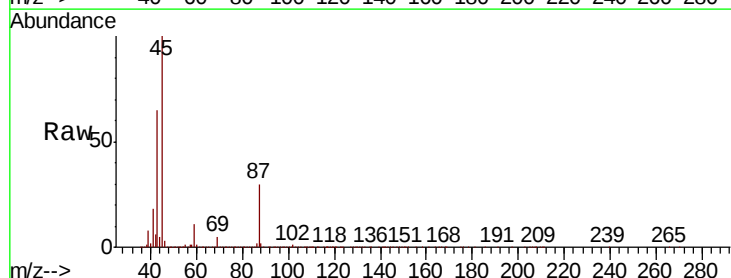
Ion Ratio Lower Upper

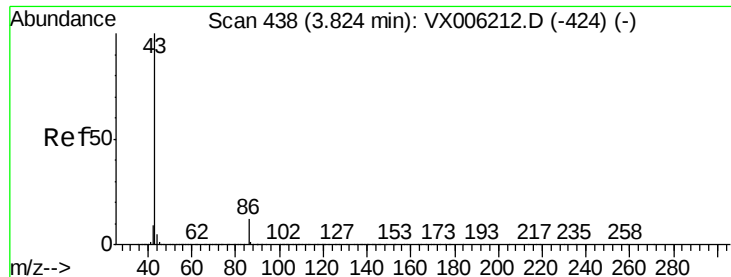
45 100

43 64.3 46.2 69.2

87 29.9 24.9 37.3

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 97.831 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

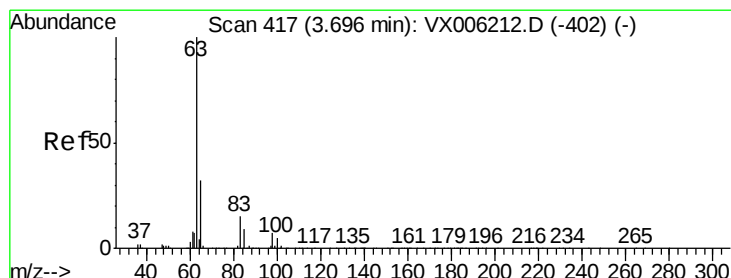
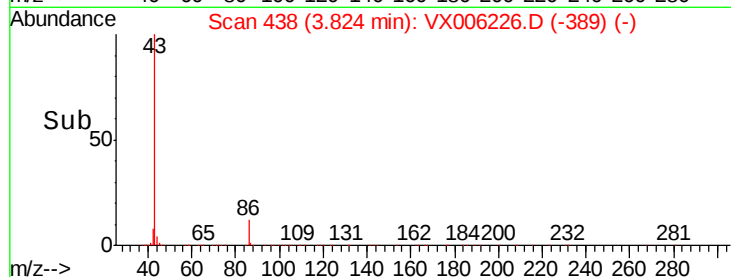
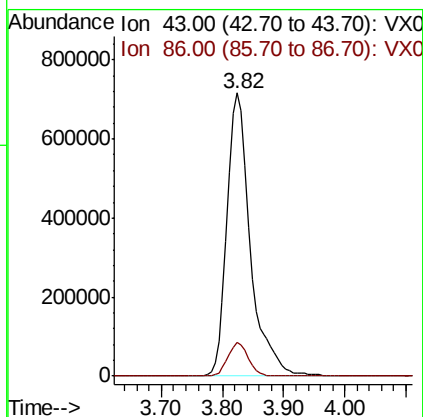
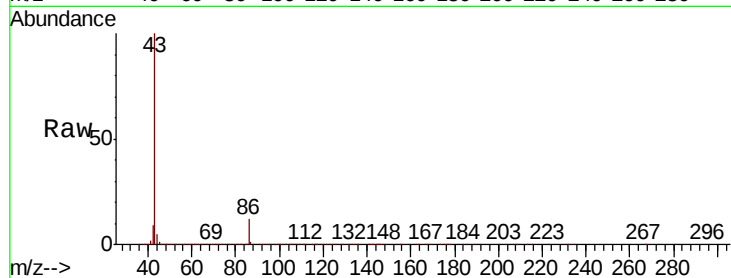
VX1130MBS01

Tot Ion: 43 Resp: 1875558

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



#24

1,1-Dichloroethane

Concen: 20.458 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

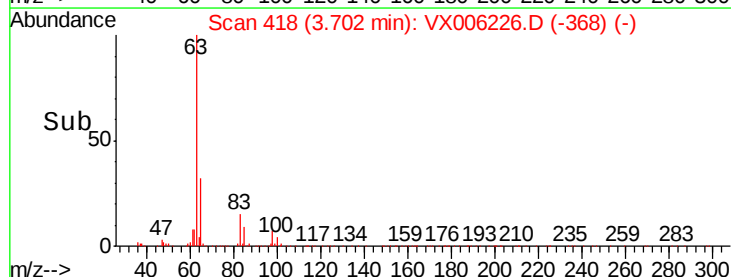
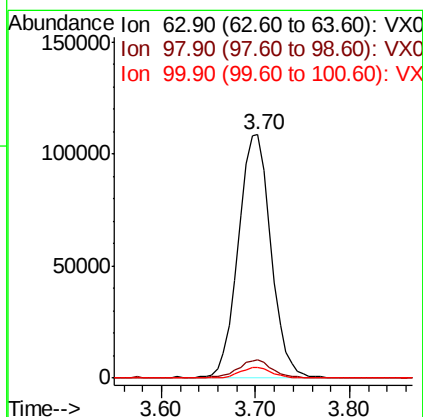
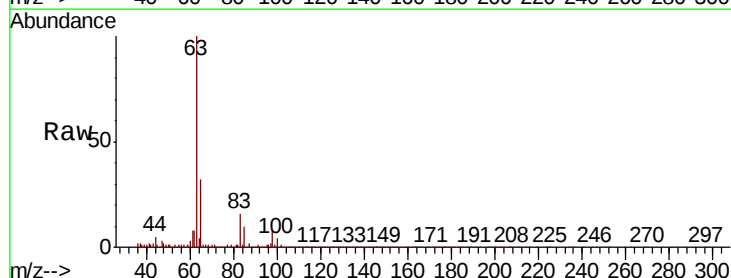
Tgt Ion: 63 Resp: 262835

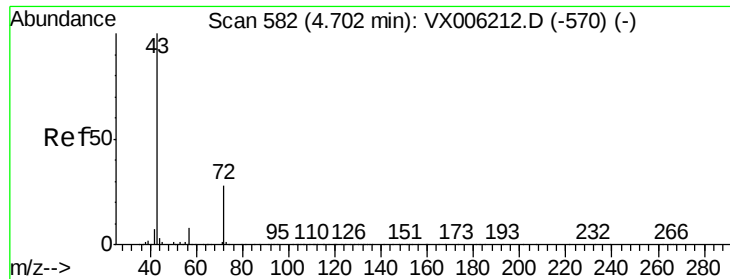
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 97.150 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

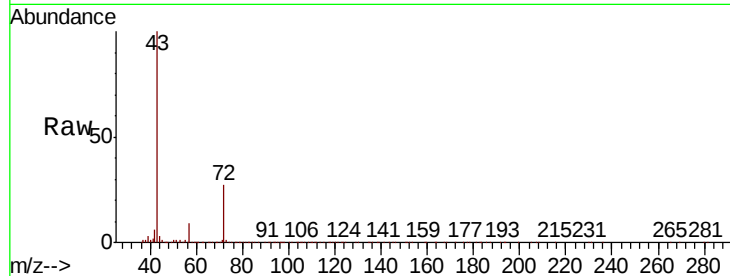
VX1130MBS01

Tot Ion: 43 Resp: 534648

Ion Ratio Lower Upper

43 100

72 27.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX006212.D (-570) (-)

4.70

200000

150000

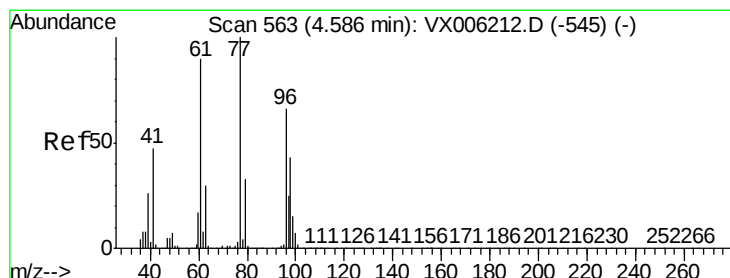
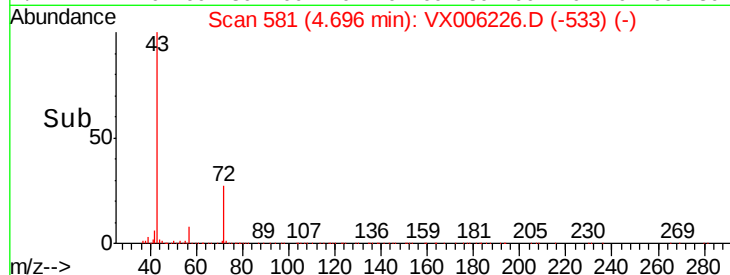
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.399 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006226.D

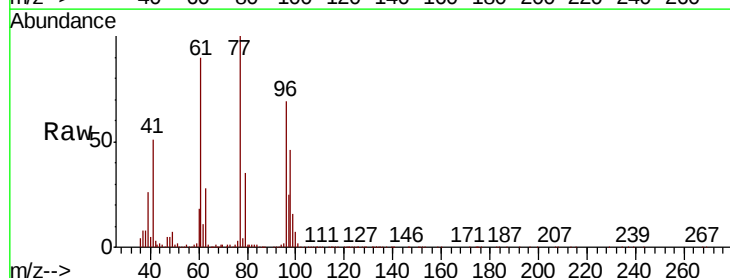
Acq: 30 Nov 2018 13:23

Tgt Ion: 77 Resp: 218157

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX006212.D (-545) (-)

Ion 96.90 (96.60 to 97.60): VX006212.D (-545) (-)

4.59

80000

60000

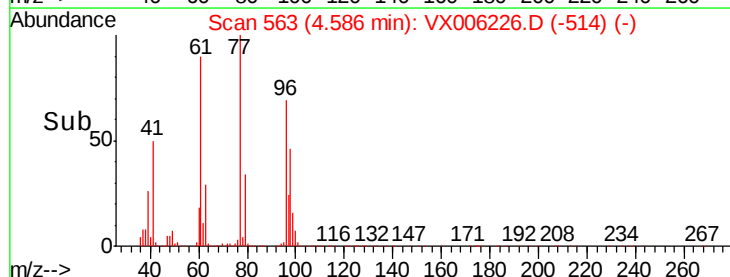
40000

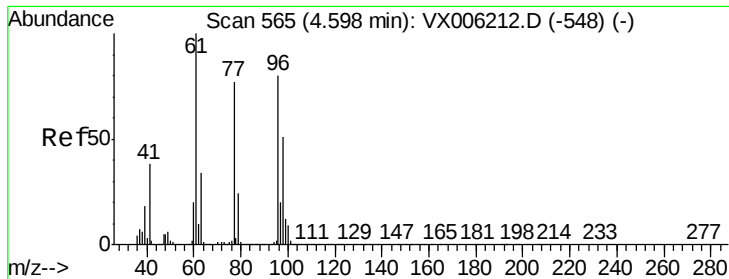
20000

0

4.40 4.50 4.60 4.70

Time-->



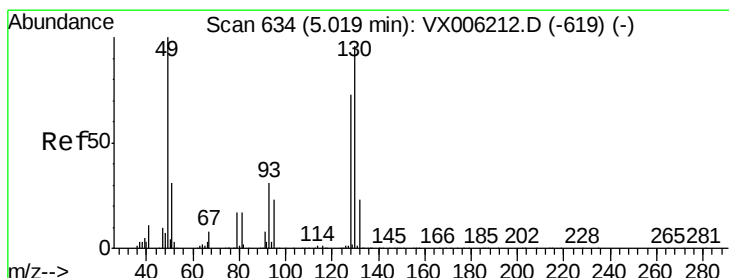
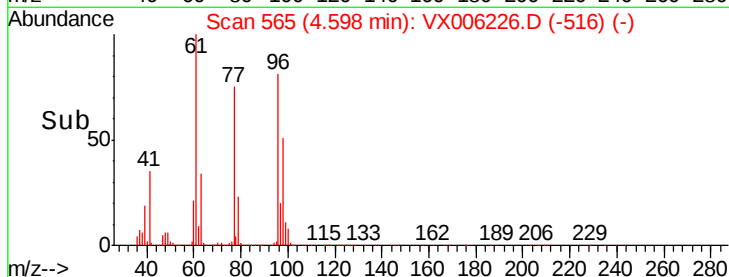
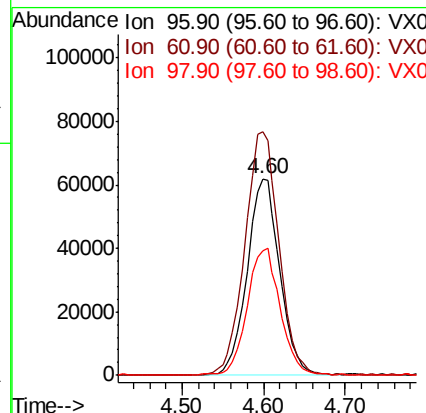
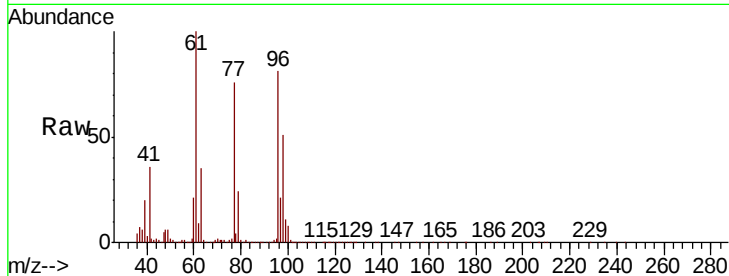


#27

cis-1,2-Dichloroethene
Concen: 19.806 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

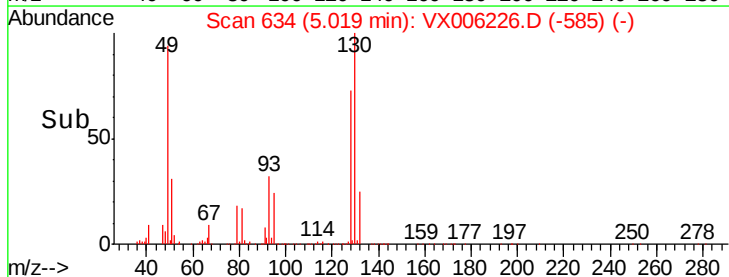
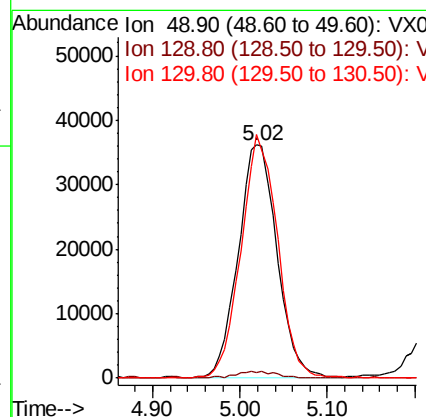
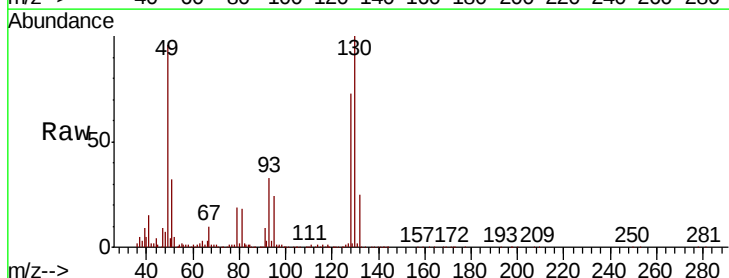
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	265.0
98	65.0	0.0	130.2

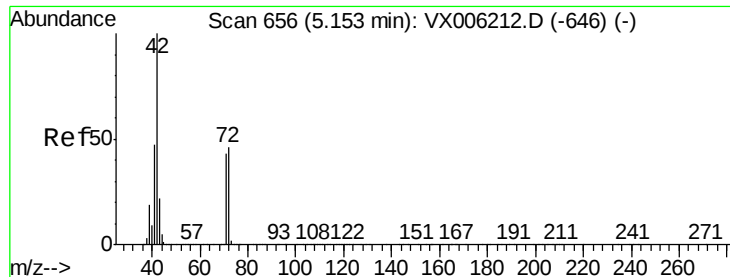


#28

Bromochloromethane
Concen: 19.674 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	99.6	78.3	117.5





#29

Tetrahydrofuran

Concen: 94.852 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

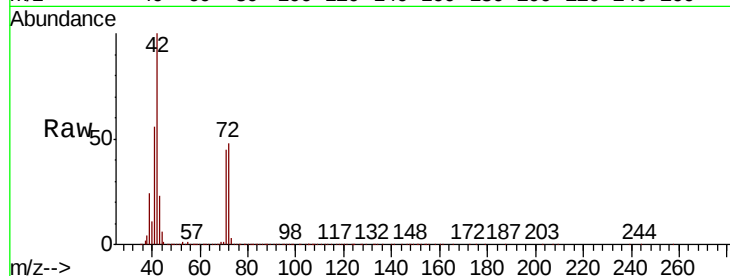
Tot Ion: 42 Resp: 362789

Ion Ratio Lower Upper

42 100

72 48.7 37.8 56.8

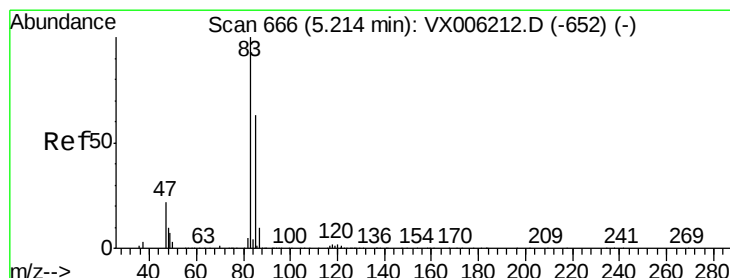
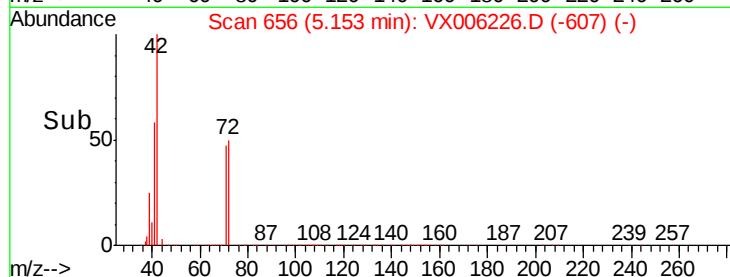
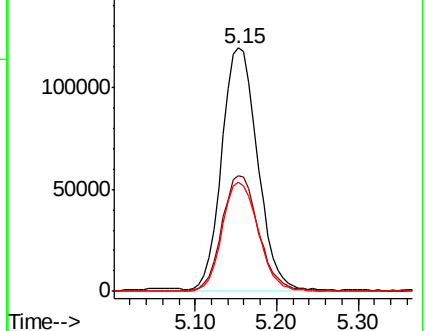
71 45.0 35.2 52.8



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: 19.680 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006226.D

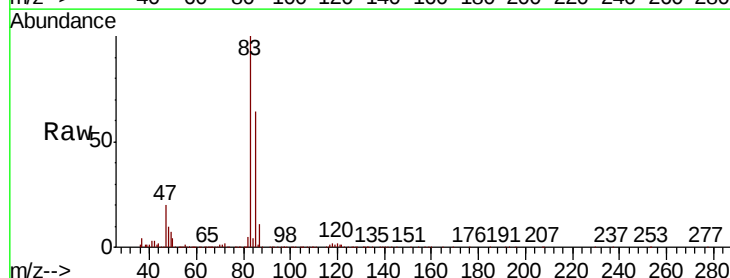
Acq: 30 Nov 2018 13:23

Tgt Ion: 83 Resp: 265698

Ion Ratio Lower Upper

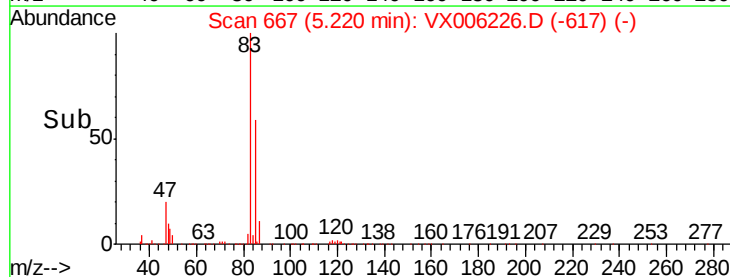
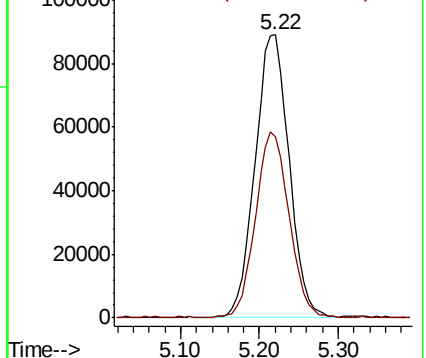
83 100

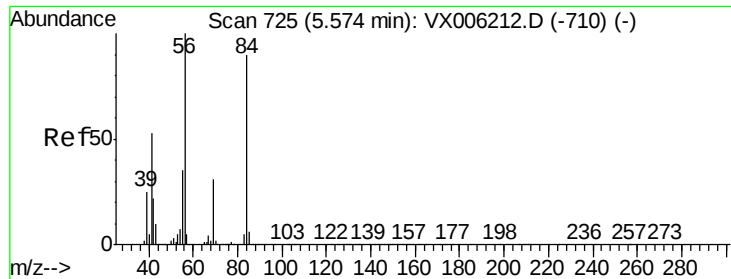
85 64.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

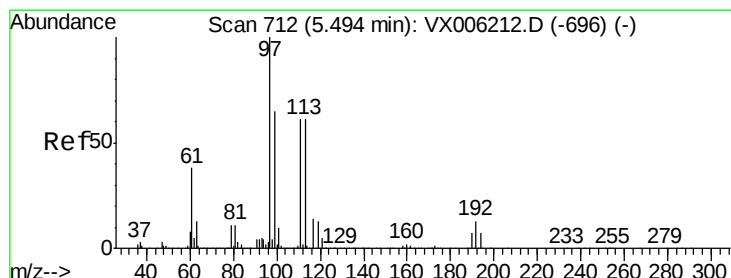
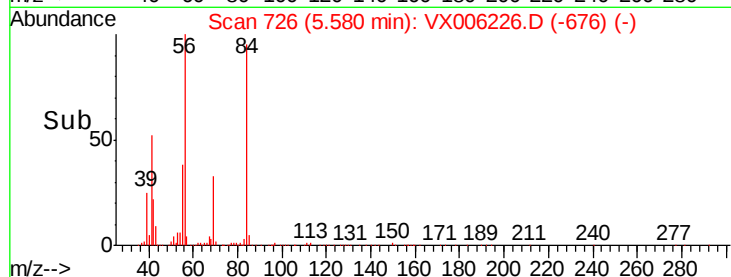
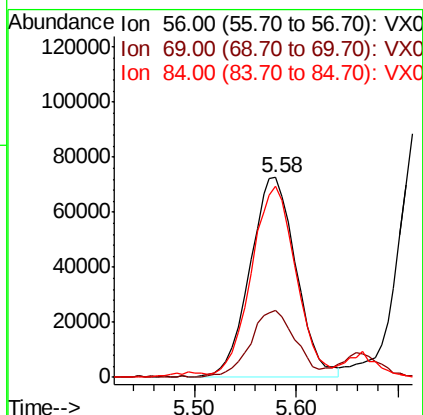
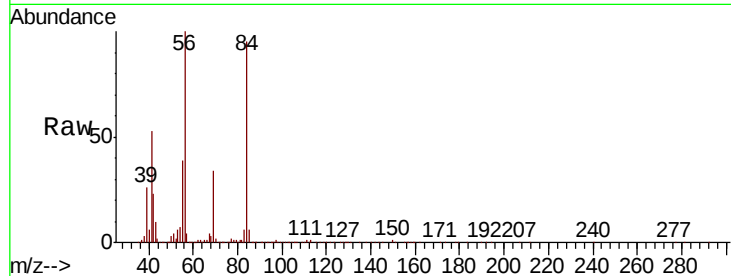




#31
Cyclohexane
Concen: 19.024 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

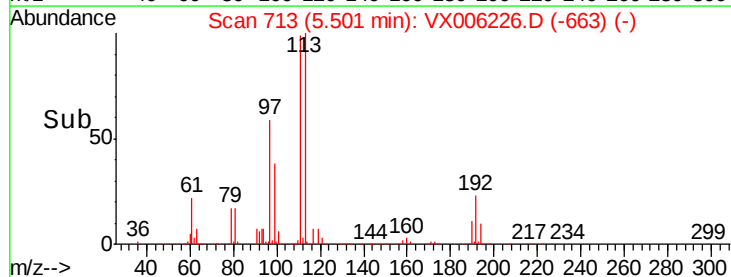
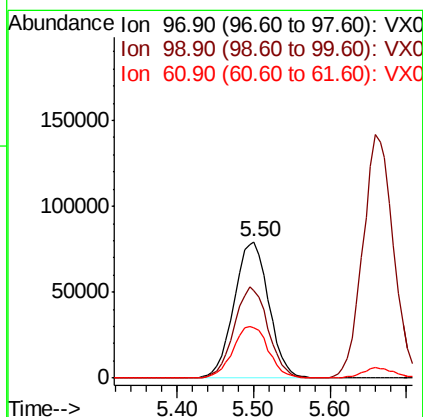
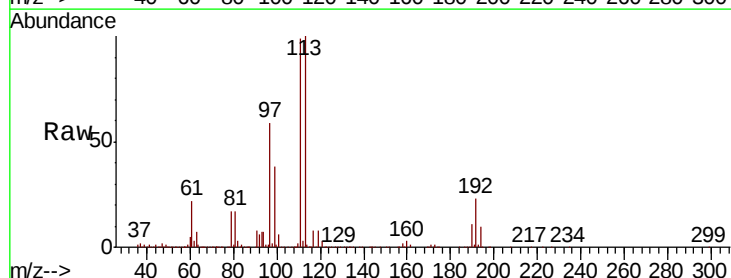
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion: 56 Resp: 225878
Ion Ratio Lower Upper
56 100
69 33.5 24.5 36.7
84 93.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.344 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 97 Resp: 248495
Ion Ratio Lower Upper
97 100
99 65.9 51.6 77.4
61 39.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

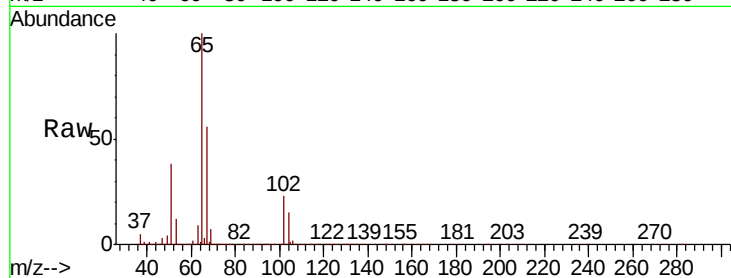
VX1130MBS01

Tot Ion: 65 Resp: 398300

Ion Ratio Lower Upper

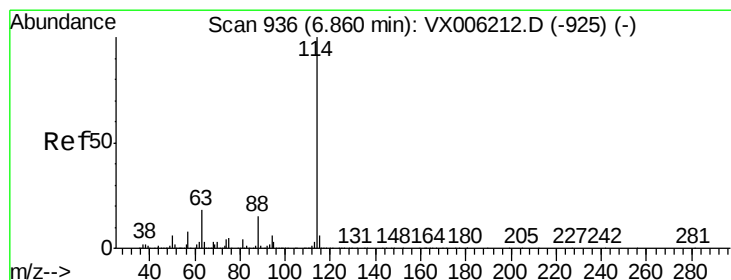
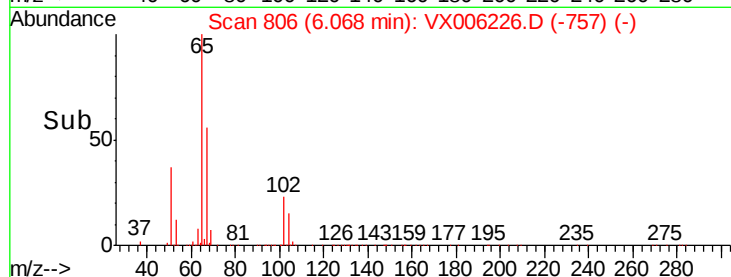
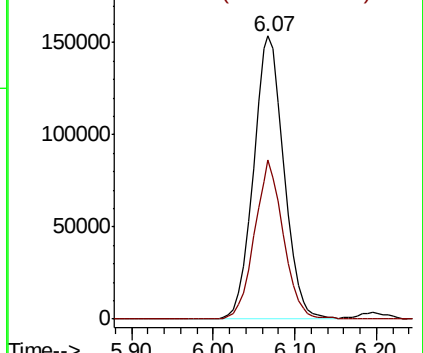
65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

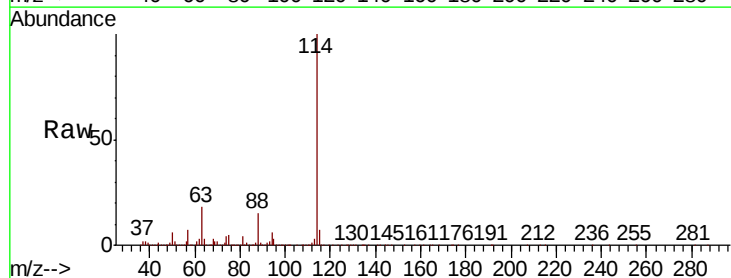
Tgt Ion: 114 Resp: 1206051

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

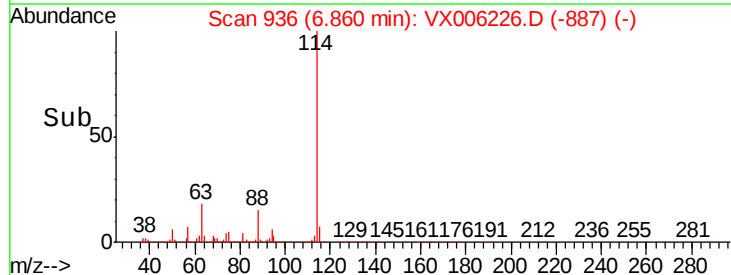
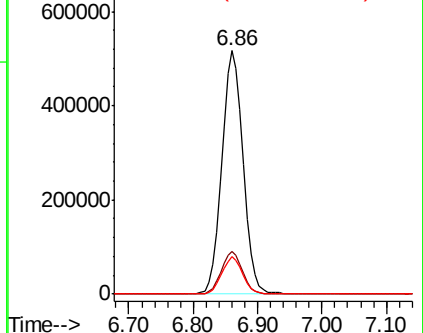
88 15.2 0.0 29.0

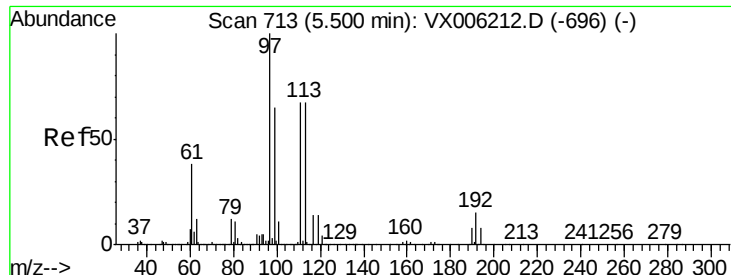


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

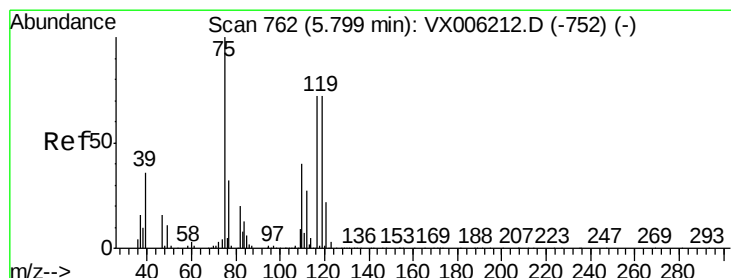
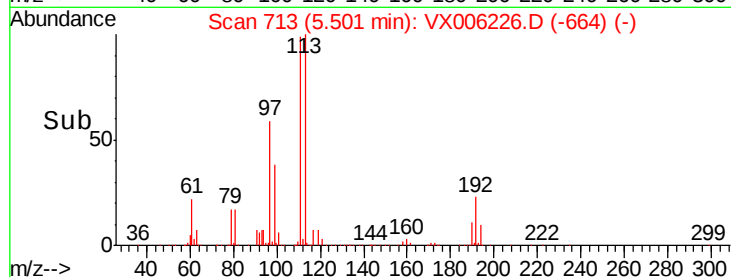
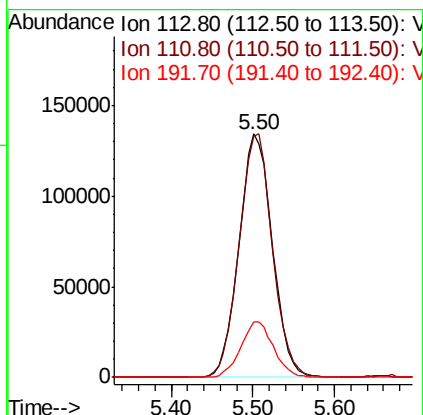
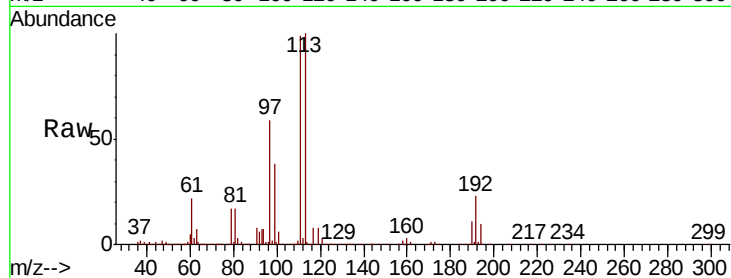




#35
 Dibromofluoromethane
 Concen: 48.748 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

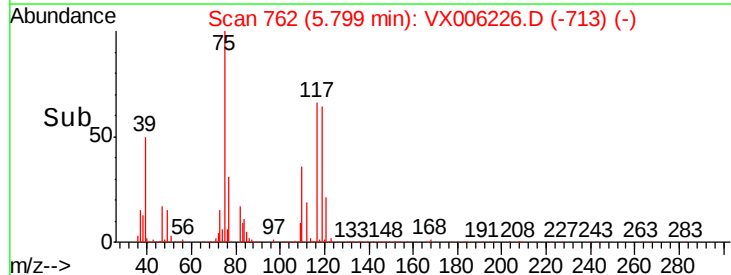
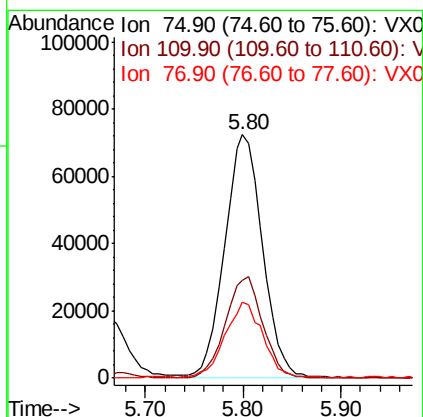
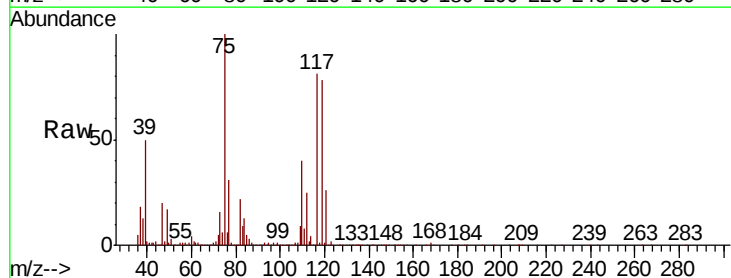
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

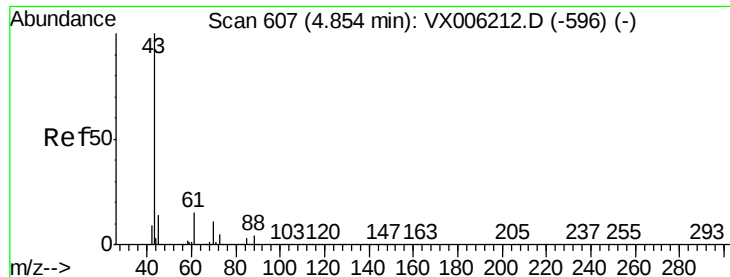
Tot Ion:113 Resp: 380660
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.1 121.7
 192 22.6 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 18.953 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion: 75 Resp: 192495
 Ion Ratio Lower Upper
 75 100
 110 41.0 20.4 61.3
 77 31.4 24.9 37.3

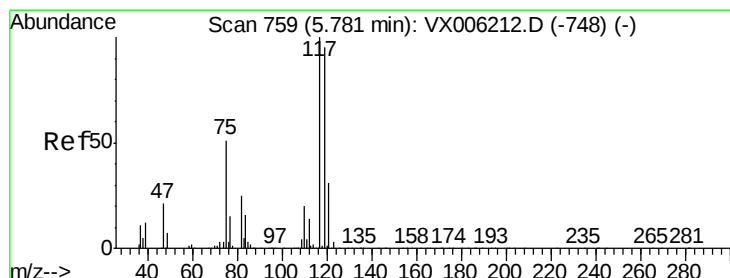
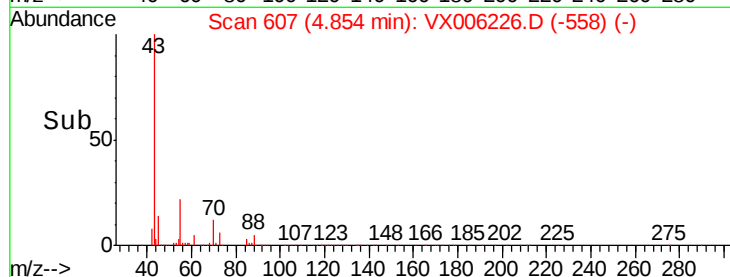
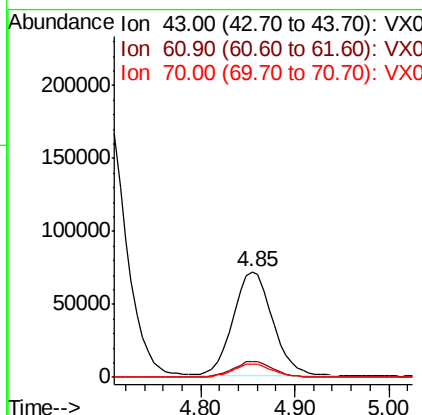
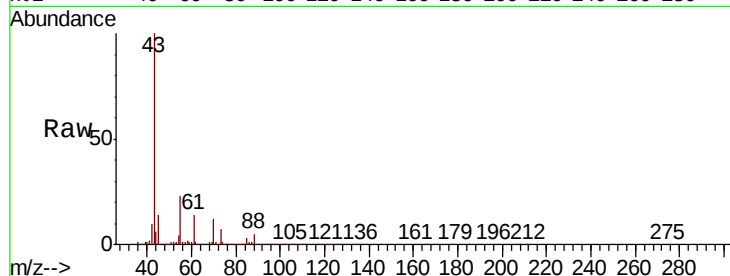




#37
Ethyl Acetate
Concen: 18.427 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

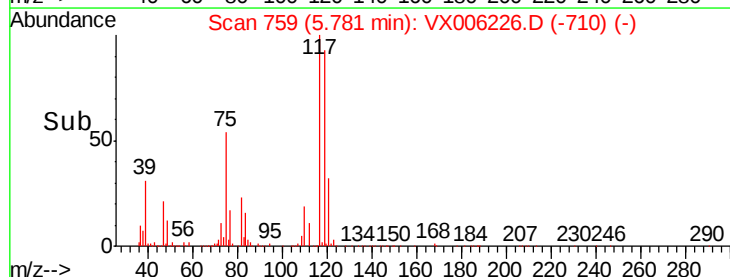
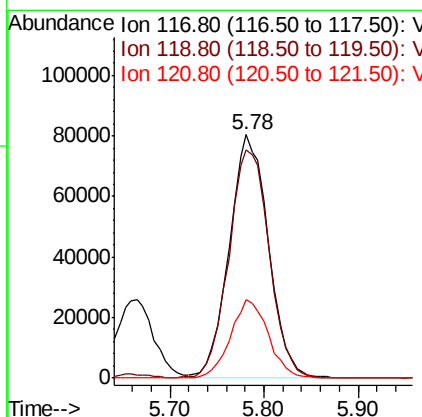
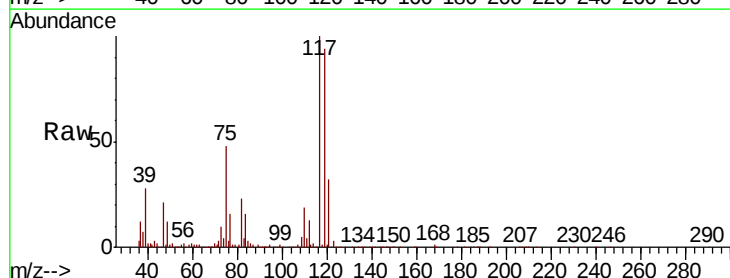
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

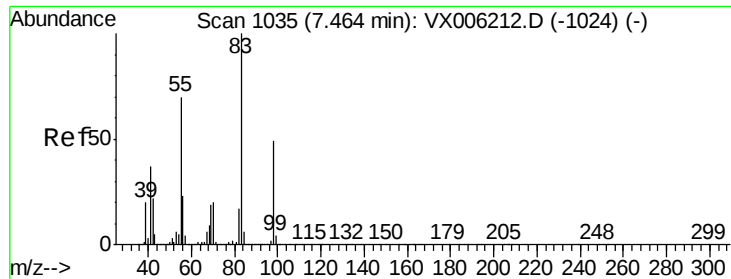
Tot Ion: 43 Resp: 209579
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.364 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 117 Resp: 231356
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
121 31.9 24.6 37.0

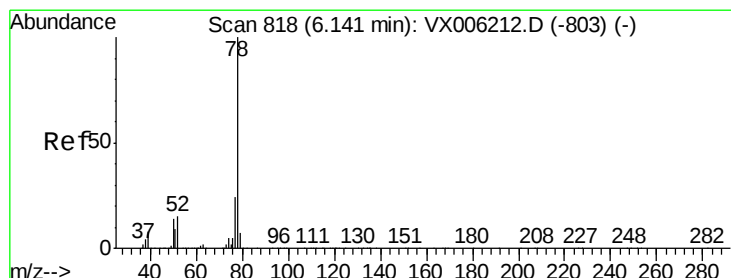
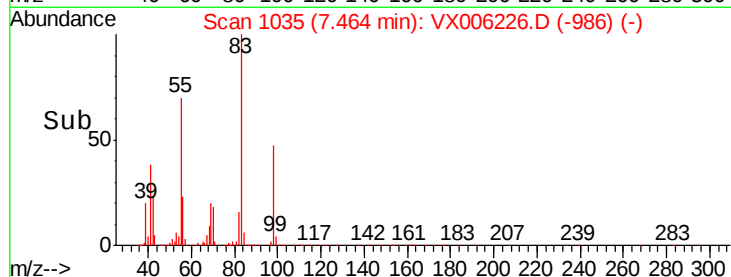
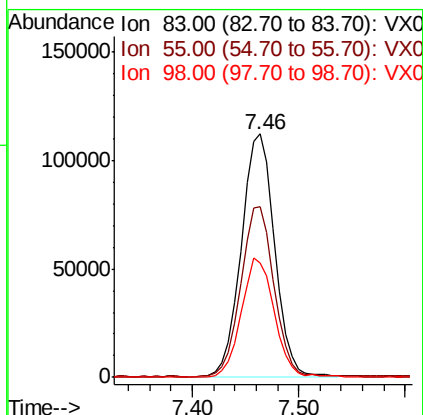
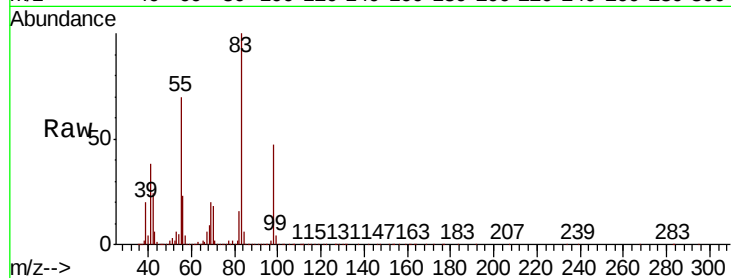




#39
Methvlcvclohexane
Concen: 18.685 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

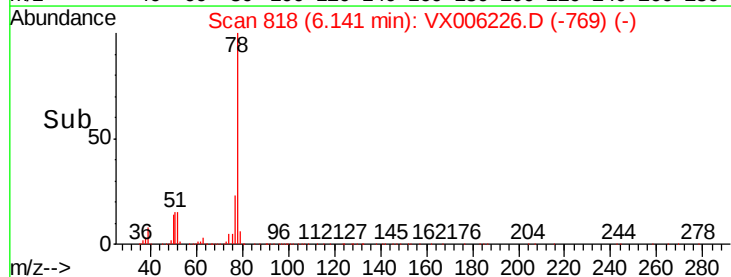
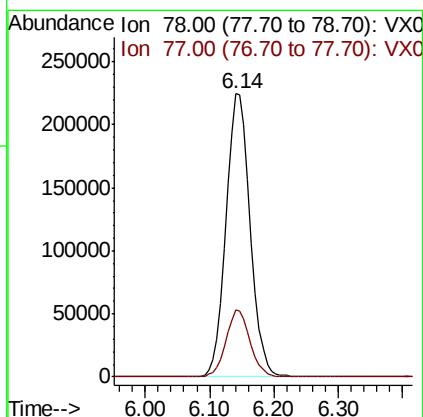
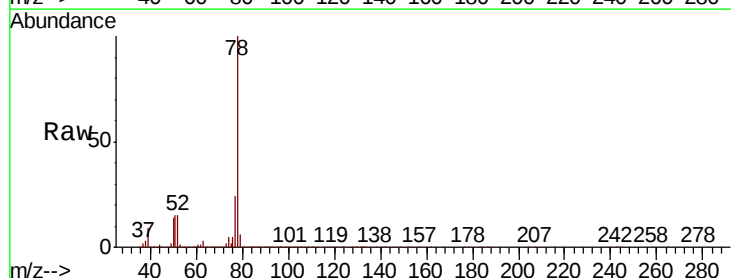
Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

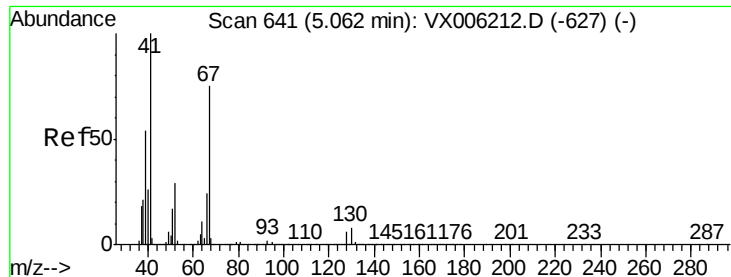
Tot Ion	83	Resp	246326
Ion Ratio	Lower	Upper	
83	100		
55	69.8	56.4	84.6
98	46.8	39.0	58.6



#40
Benzene
Concen: 19.488 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	78	Resp	592800
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 18.311 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

Tot Ion: 41 Resp: 114596

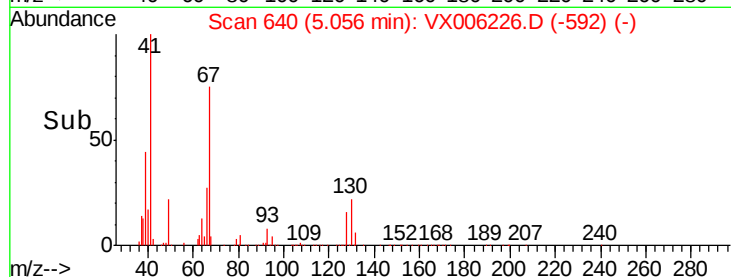
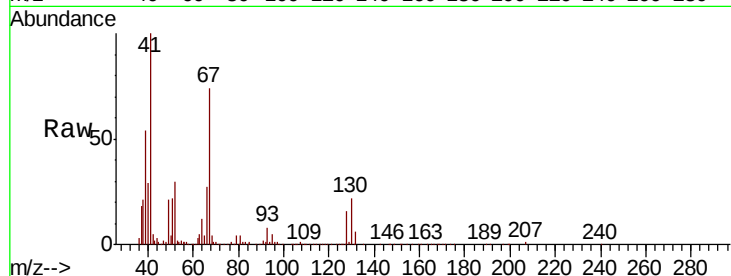
Ion Ratio Lower Upper

41 100

39 56.1 44.0 66.0

67 79.0 61.4 92.0

52 29.2 23.5 35.3

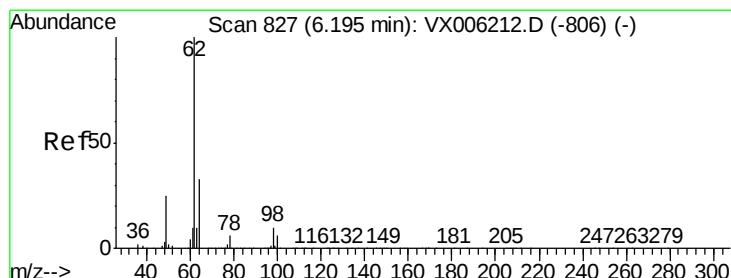
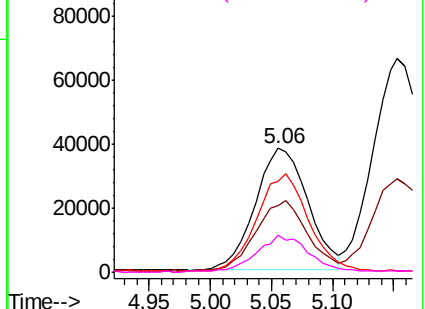


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.449 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006226.D

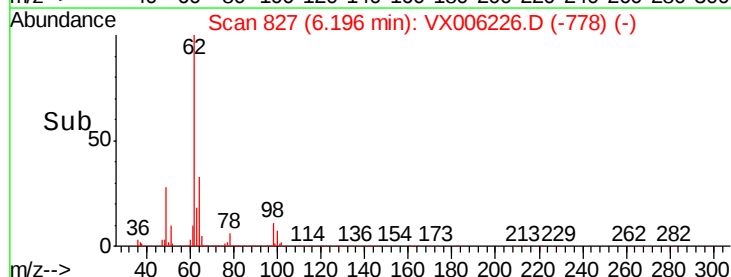
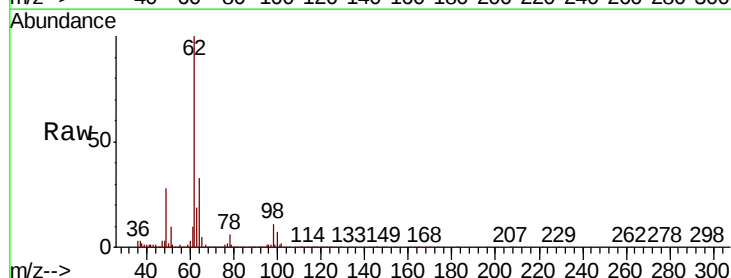
Acq: 30 Nov 2018 13:23

Tgt Ion: 62 Resp: 193626

Ion Ratio Lower Upper

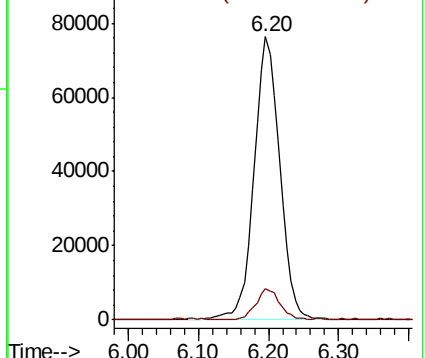
62 100

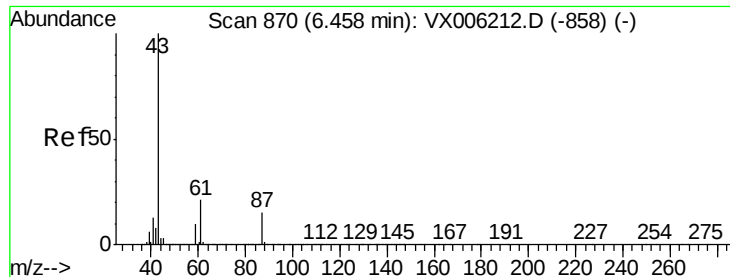
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



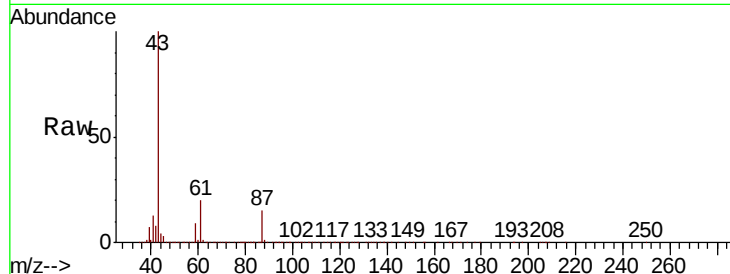


#43

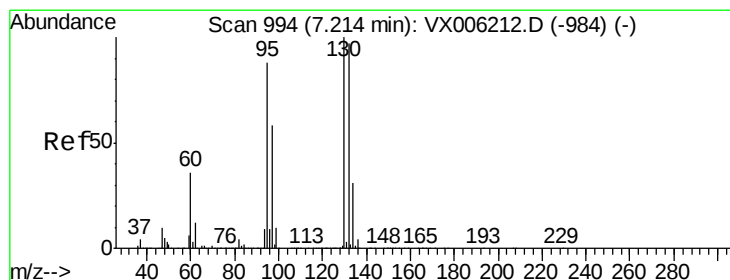
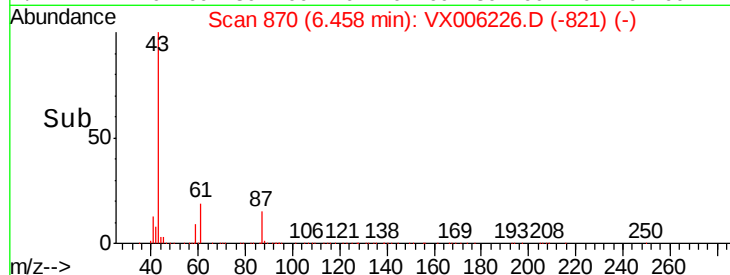
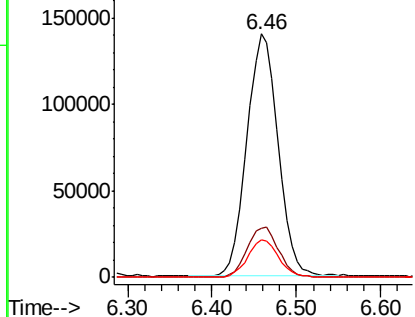
Isopropyl Acetate
 Concen: 18.560 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion	43	Resp	351949
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	15.4	11.9	17.9



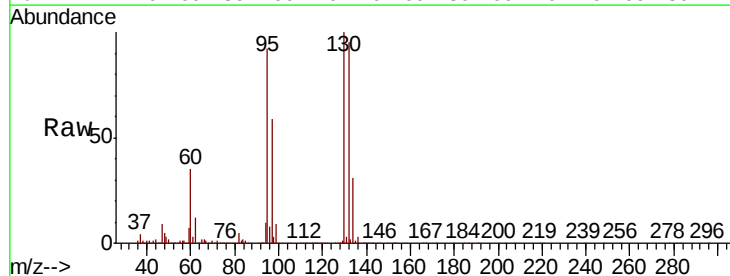
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



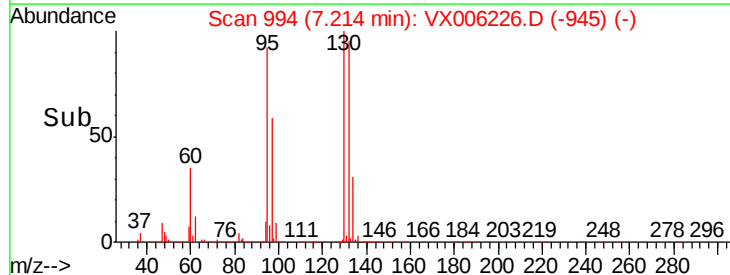
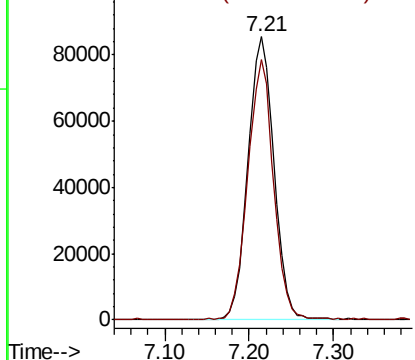
#44

Trichloroethene
 Concen: 19.370 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	130	Resp	178499
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	175.8



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





#45

1,2-Dichloropropane

Concen: 19.091 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

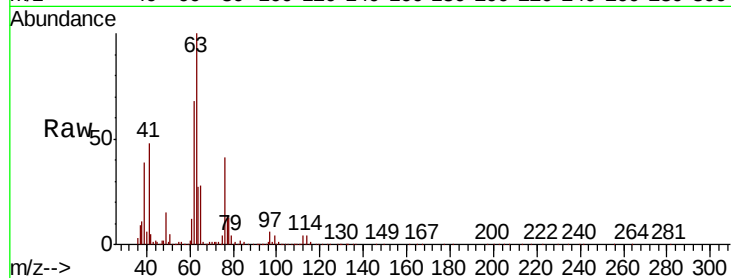
VX1130MBS01

Tot Ion: 63 Resp: 147595

Ion Ratio Lower Upper

63 100

65 28.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

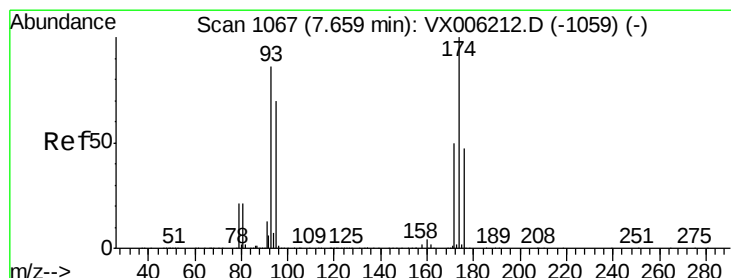
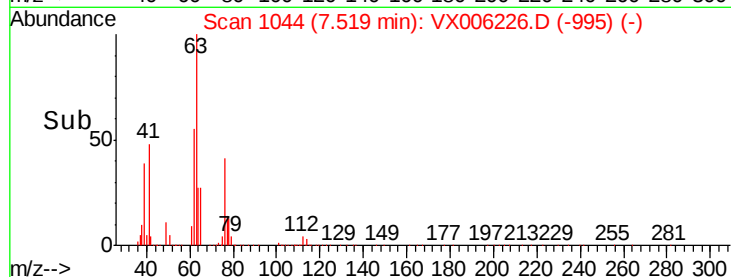
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 19.213 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

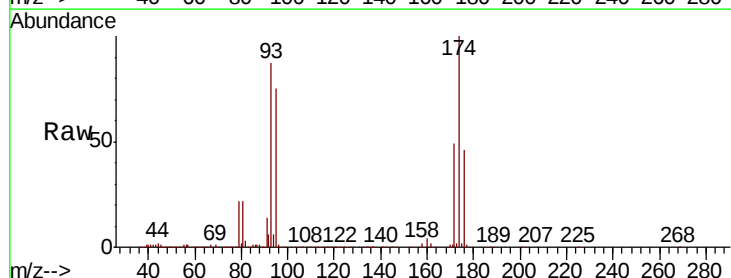
Tgt Ion: 93 Resp: 107276

Ion Ratio Lower Upper

93 100

95 85.1 66.2 99.4

174 121.6 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

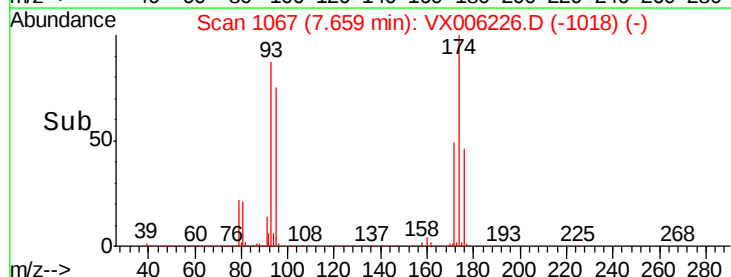
40000

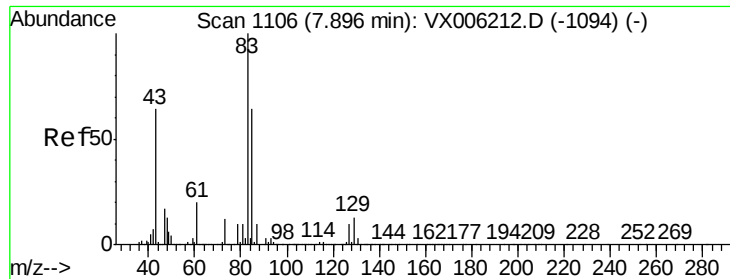
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 19.112 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

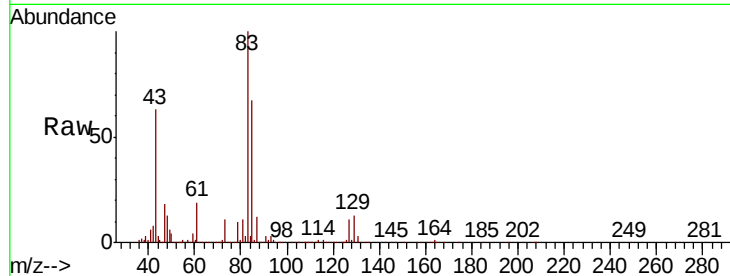
Tot Ion: 83 Resp: 206655

Ion Ratio Lower Upper

83 100

85 67.1 51.4 77.0

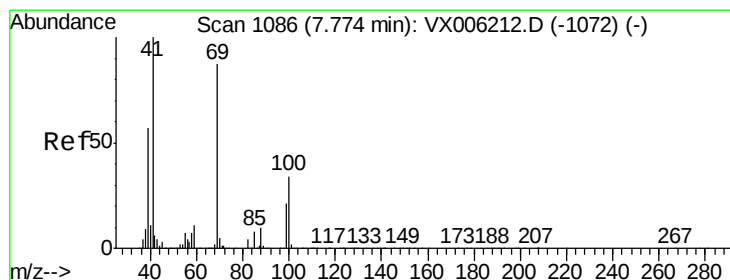
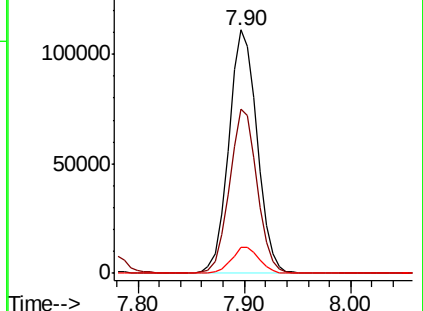
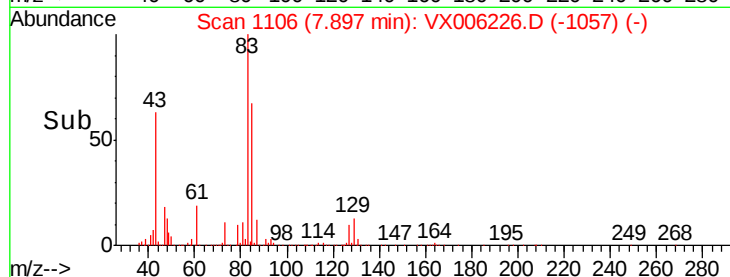
127 10.6 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.836 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

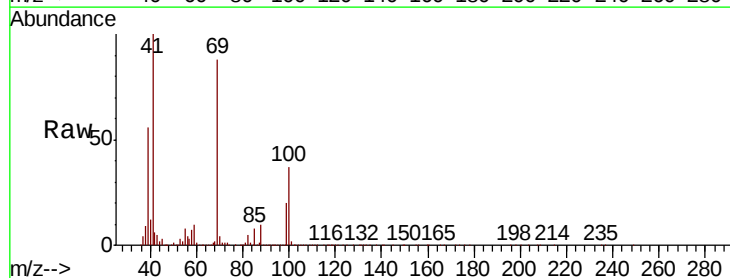
Tgt Ion: 41 Resp: 173768

Ion Ratio Lower Upper

41 100

69 88.4 70.3 105.5

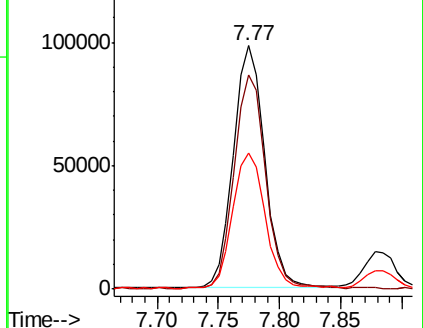
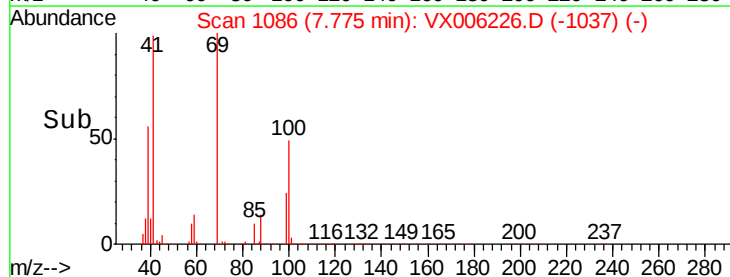
39 57.9 45.3 67.9

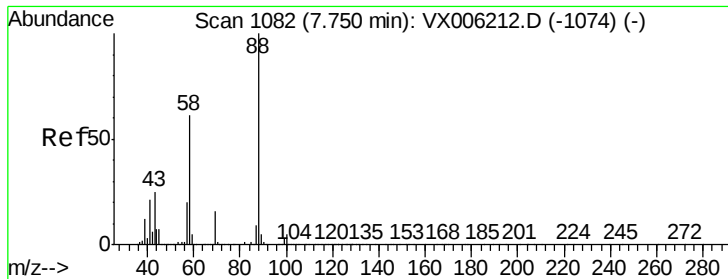


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

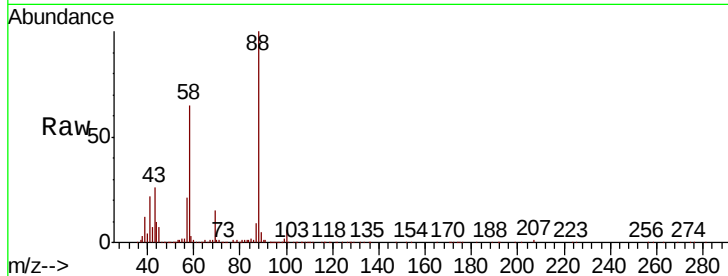




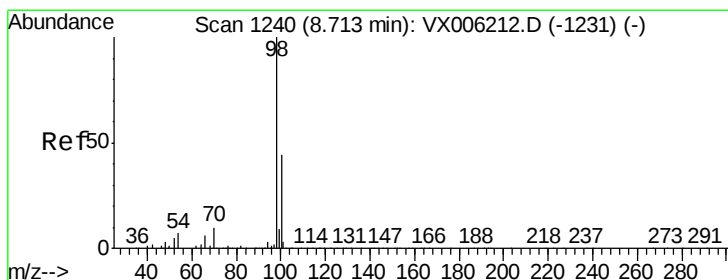
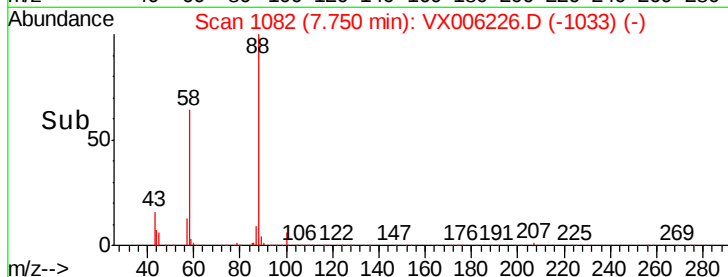
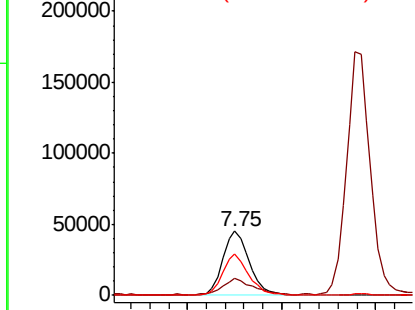
#49
1,4-Dioxane
Concen: 389.825 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	61.7	51.4	77.0

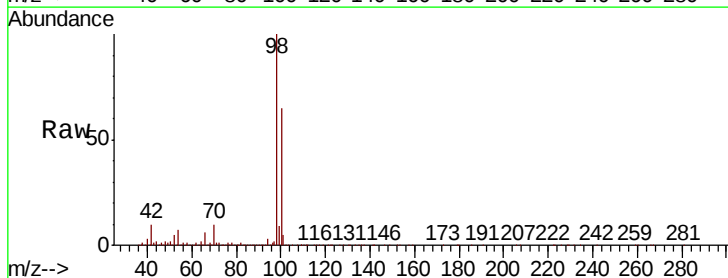


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

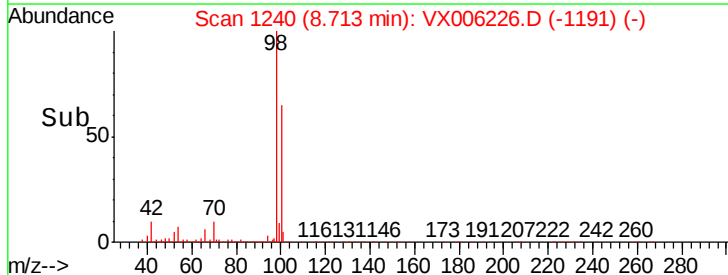
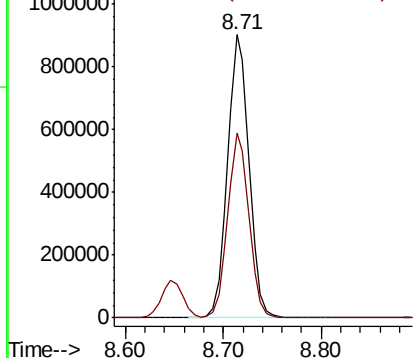


#50
Toluene-d8
Concen: 48.208 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



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





#51

4-Methyl-2-Pentanone

Concen: 95.686 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

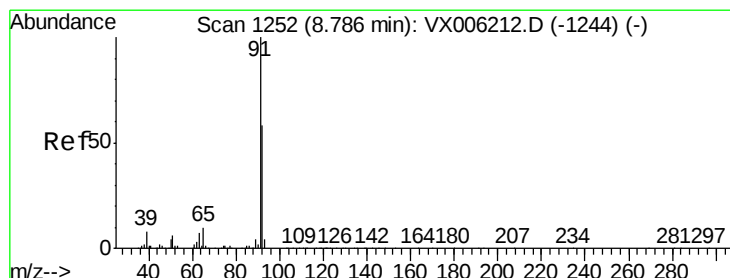
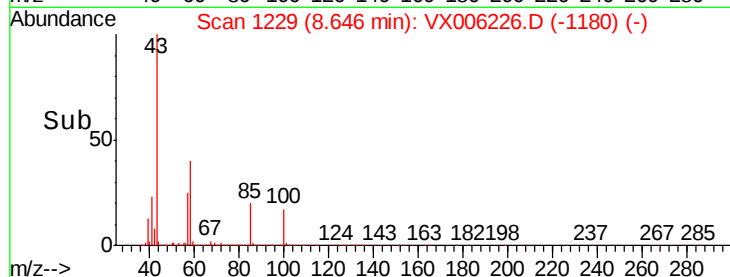
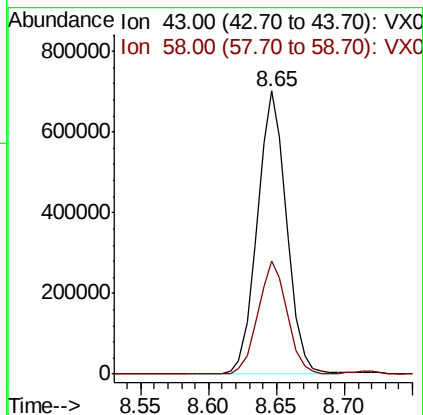
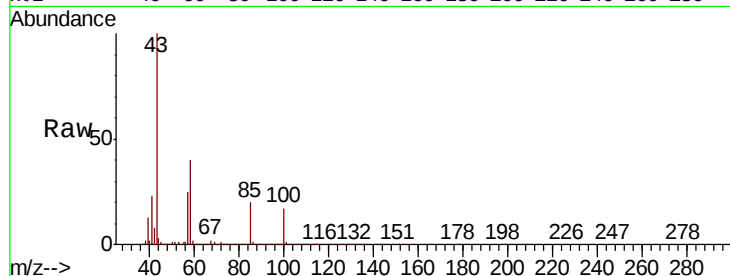
VX1130MBS01

Tot Ion: 43 Resp: 1056298

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



#52

Toluene

Concen: 19.324 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006226.D

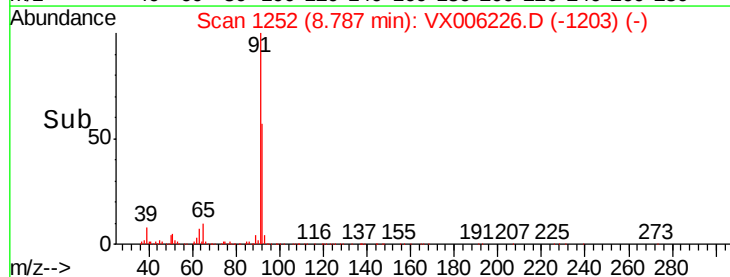
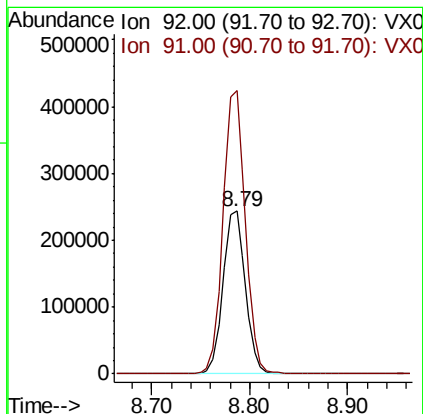
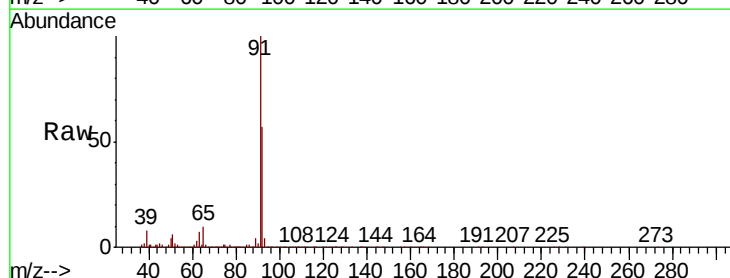
Acq: 30 Nov 2018 13:23

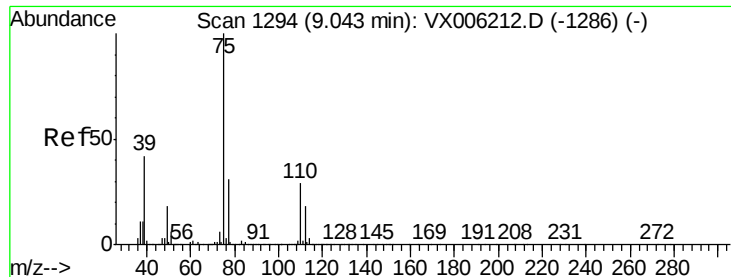
Tgt Ion: 92 Resp: 386716

Ion Ratio Lower Upper

92 100

91 172.2 139.2 208.8

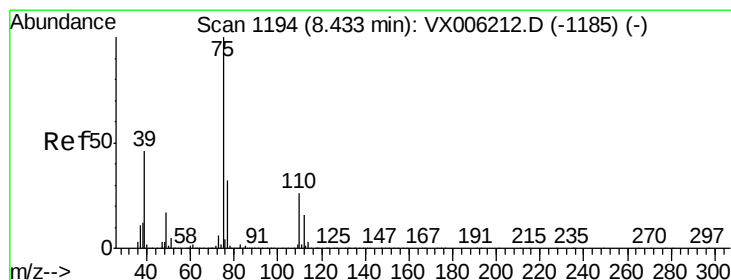
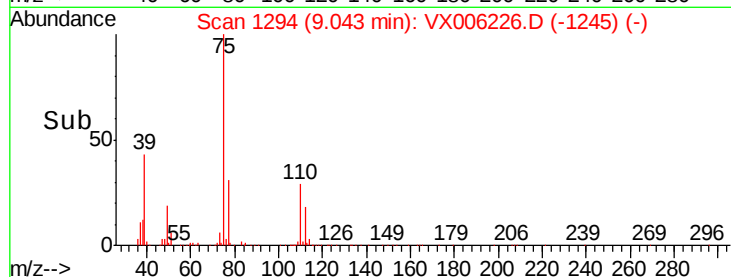
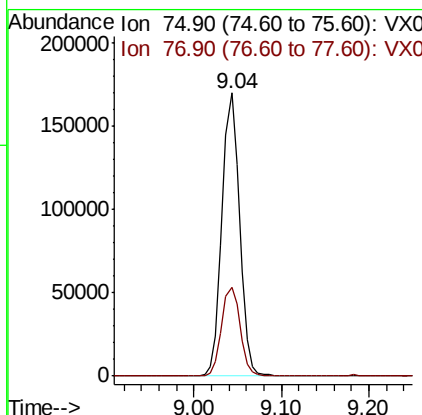
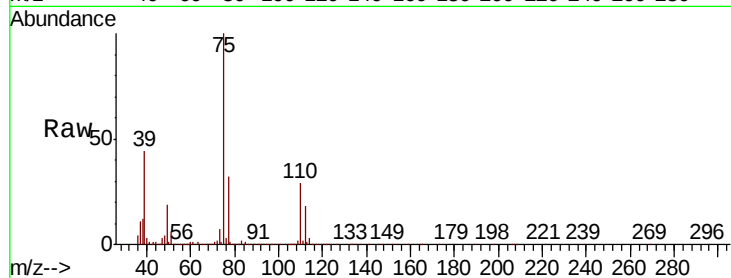




#53
t-1,3-Dichloropropene
Concen: 18.830 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

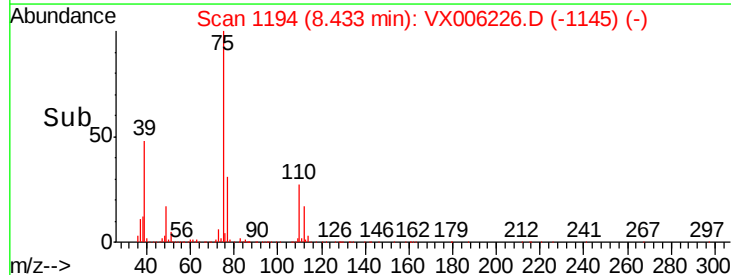
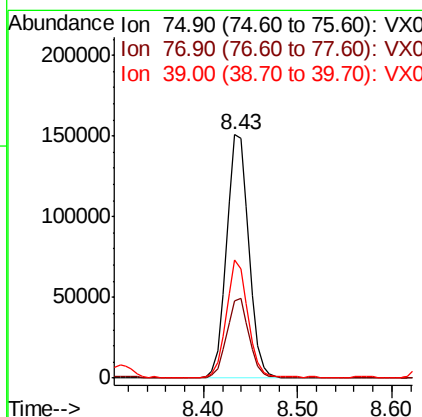
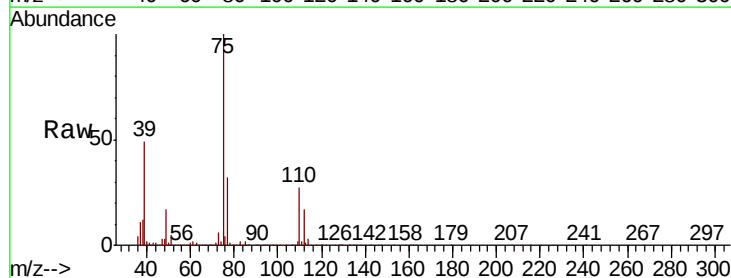
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

Tot Ion: 75 Resp: 238106
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.764 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 75 Resp: 246386
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 48.4 36.5 54.7

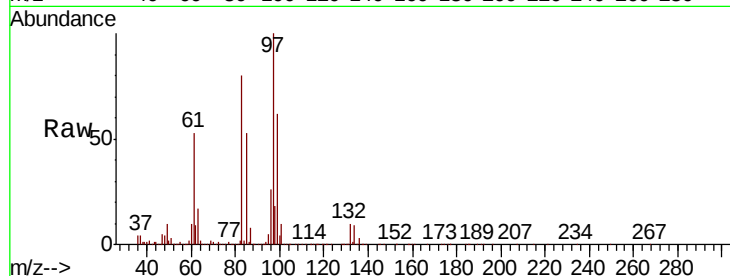




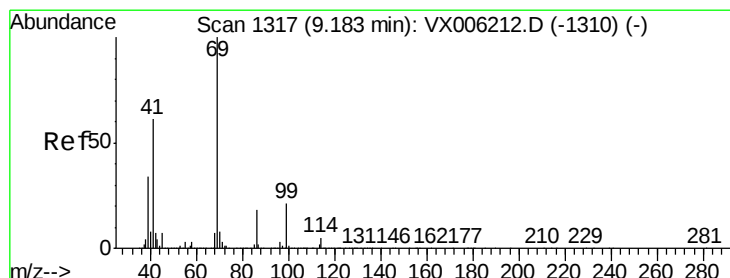
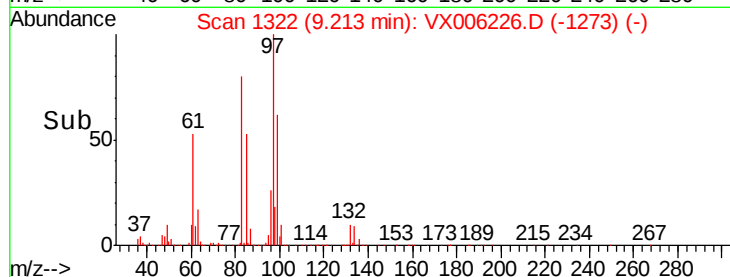
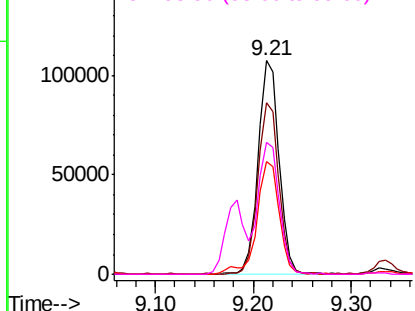
#55
 1,1,2-Trichloroethane
 Concen: 19.708 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

Tot Ion:	97	Resp:	160233
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.1	100.7
85	52.9	43.2	64.8
99	61.7	49.8	74.6

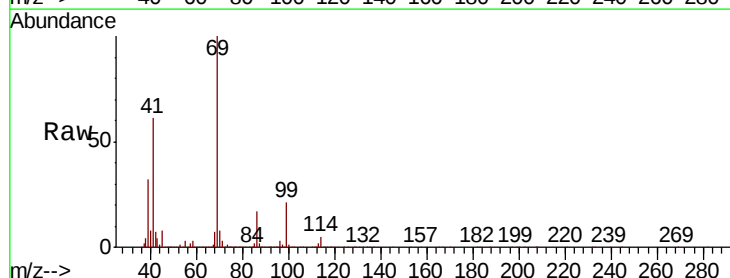


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

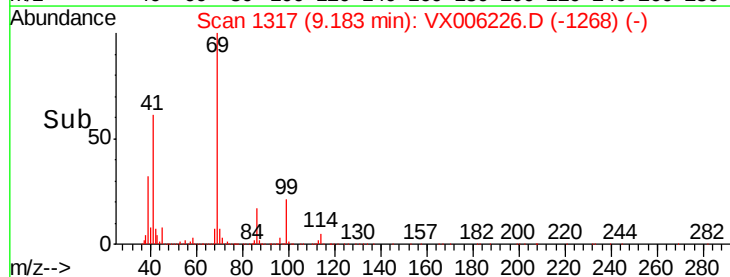
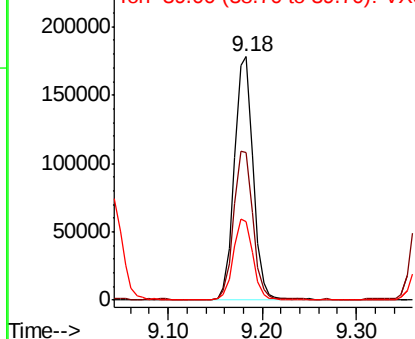


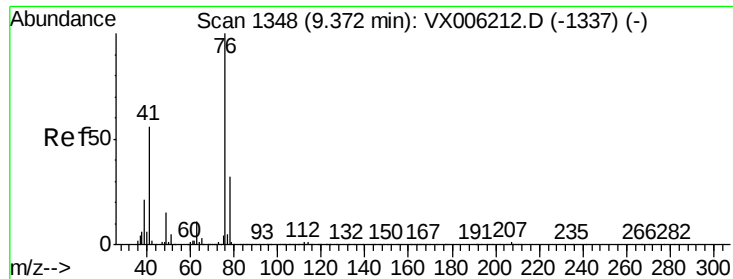
#56
 Ethyl methacrylate
 Concen: 19.361 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion:	69	Resp:	246079
Ion	Ratio	Lower	Upper
69	100		
41	62.4	50.6	76.0
39	33.7	27.6	41.4



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: 19.467 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

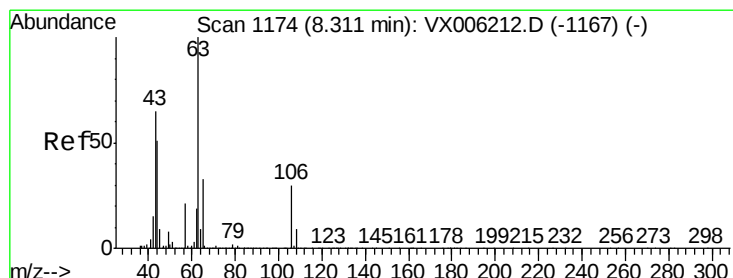
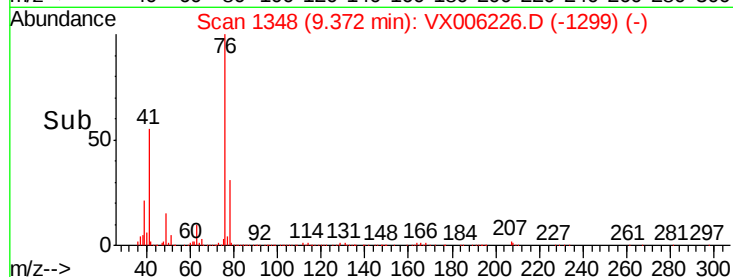
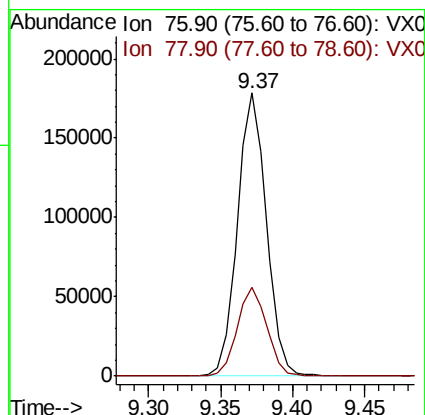
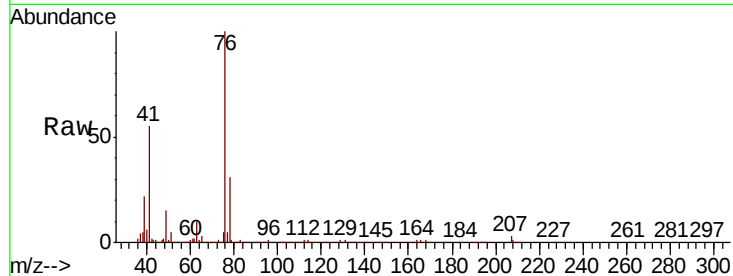
VX1130MBS01

Tot Ion: 76 Resp: 250271

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.884 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006226.D

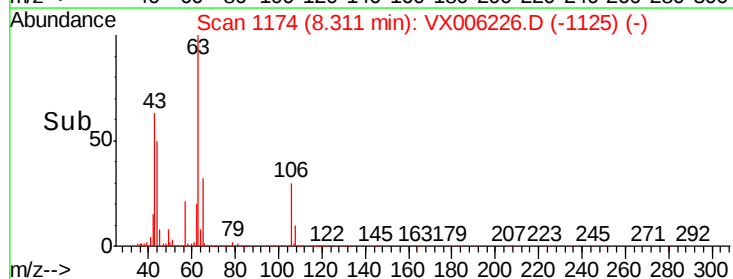
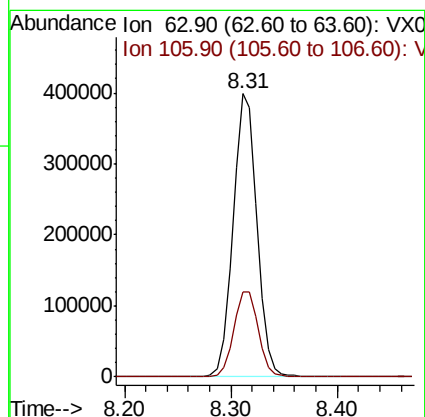
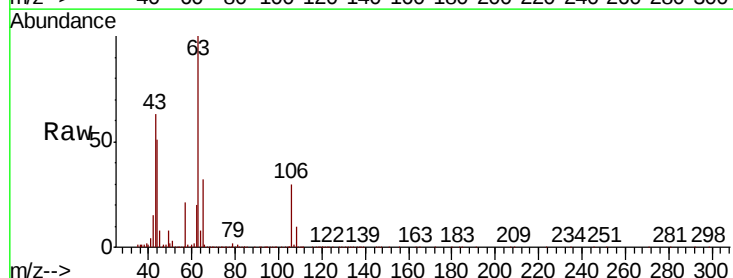
Acq: 30 Nov 2018 13:23

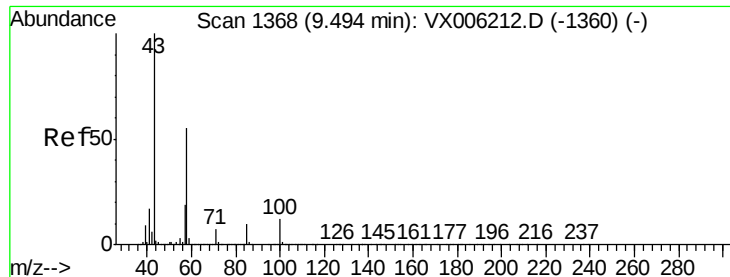
Tgt Ion: 63 Resp: 624876

Ion Ratio Lower Upper

63 100

106 31.2 24.9 37.3

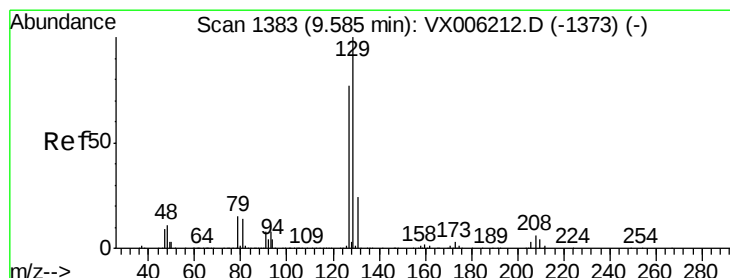
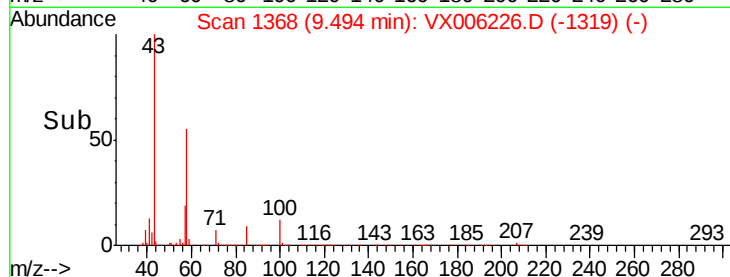
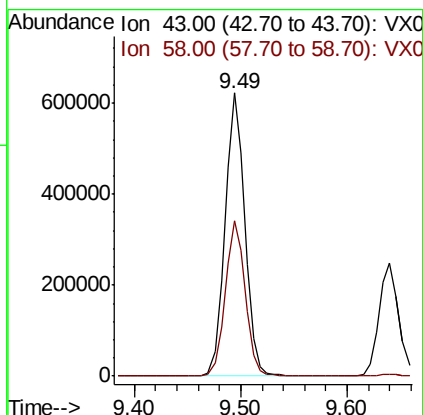
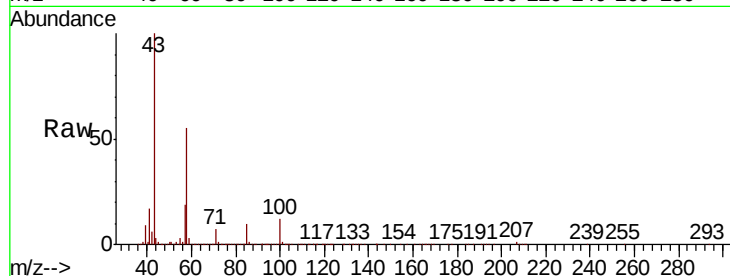




#59
2-Hexanone
Concen: 96.261 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

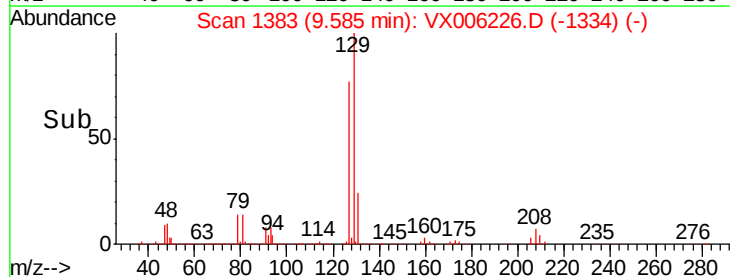
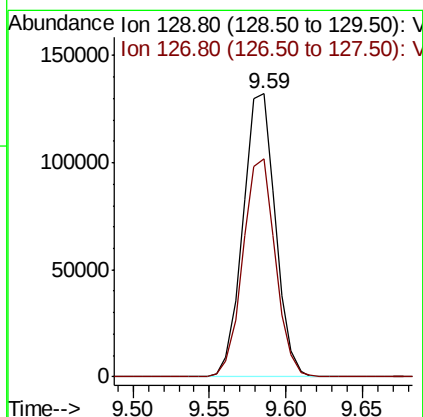
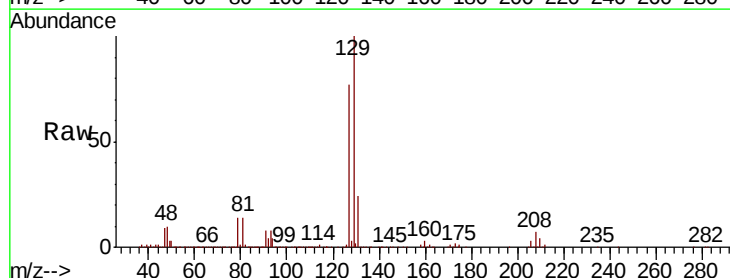
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

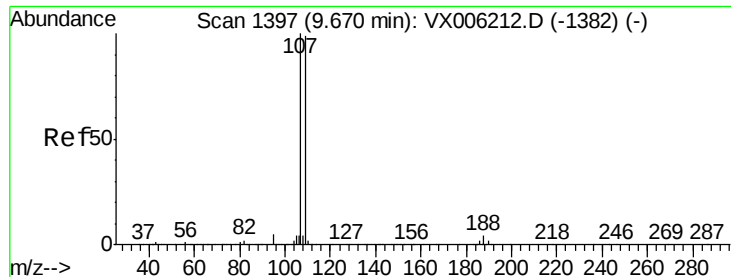
Tot Ion: 43 Resp: 811863
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 19.386 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 129 Resp: 194351
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

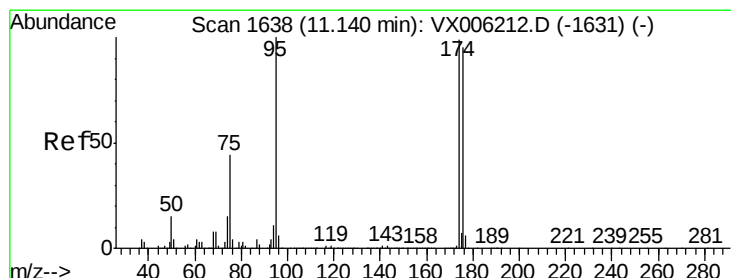
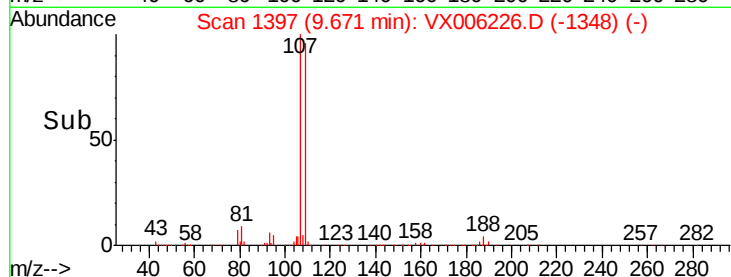
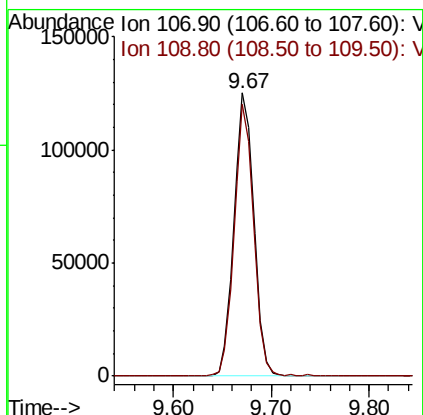
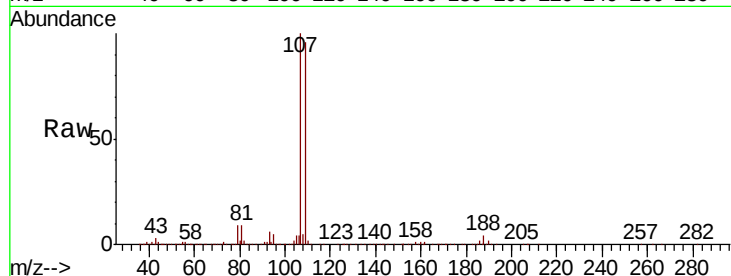




#61
 1,2-Dibromoethane
 Concen: 19.456 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

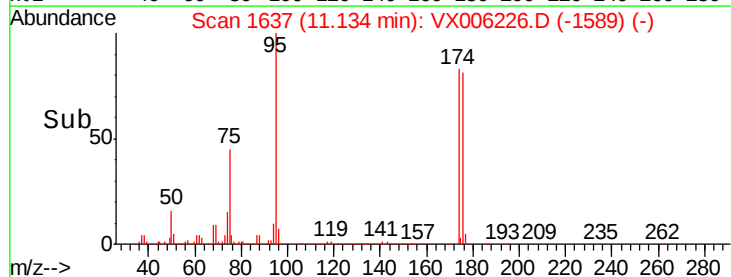
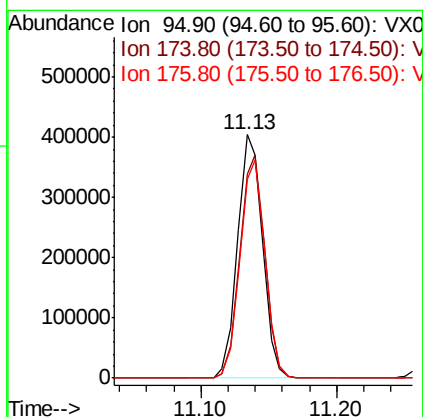
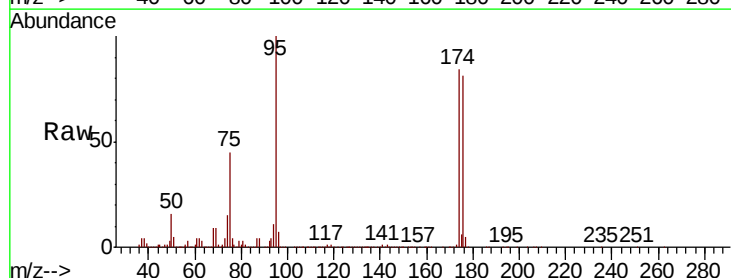
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

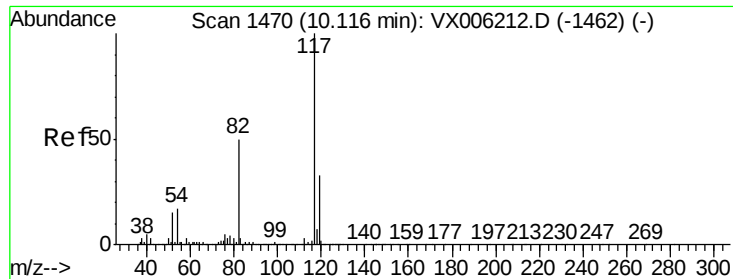
Tot Ion:107 Resp: 176866
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.085 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion: 95 Resp: 514665
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 187.0
 176 89.7 0.0 181.8

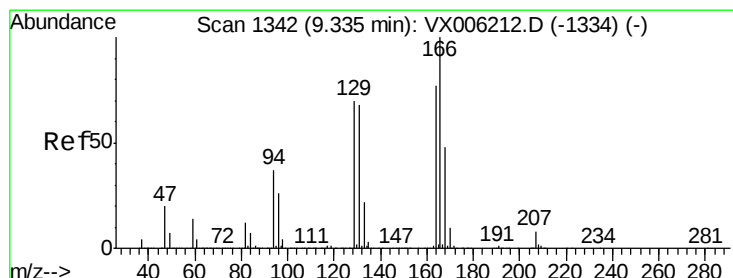
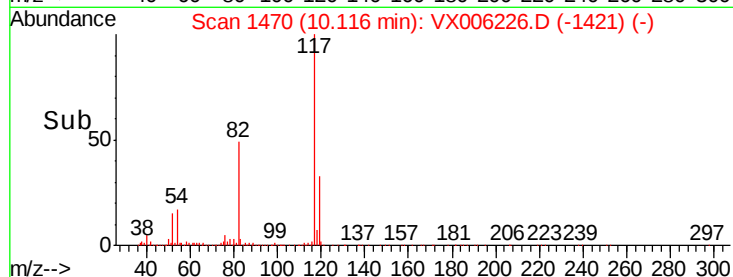
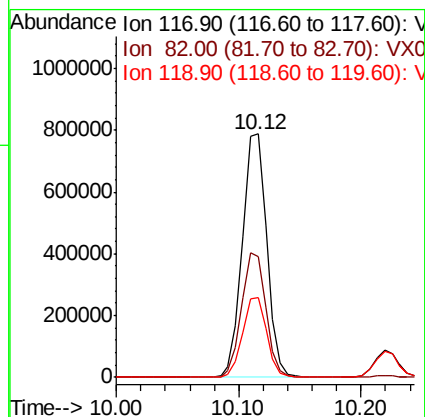
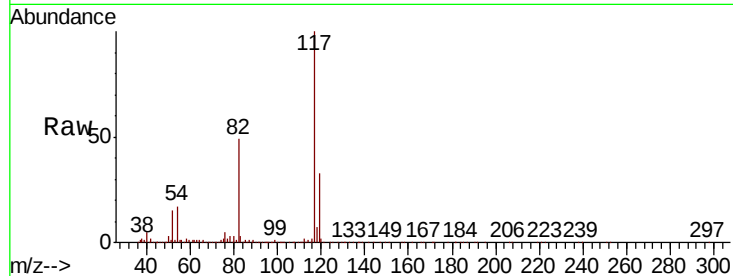




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

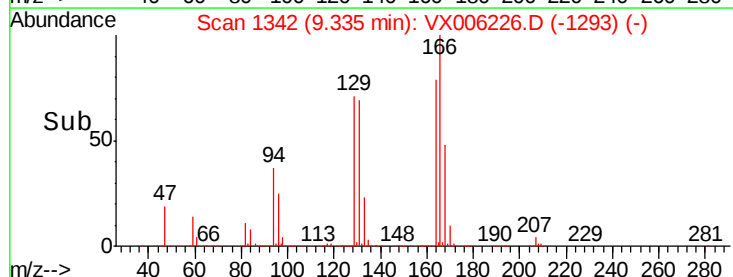
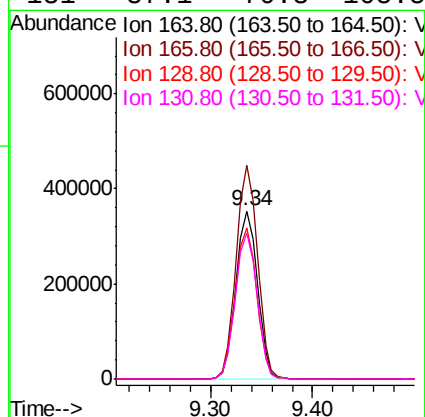
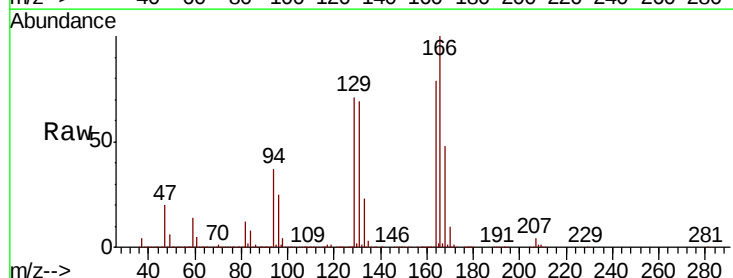
Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

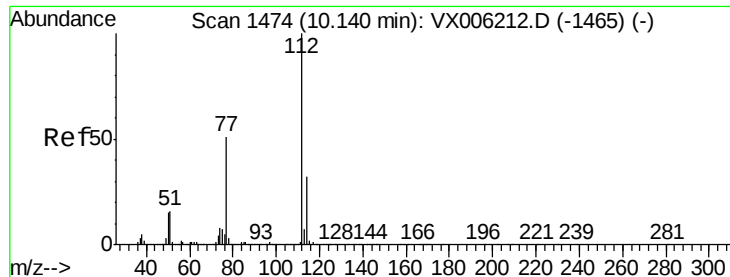
Tot Ion:117 Resp: 1088442
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 63.004 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion:164 Resp: 516442
Ion Ratio Lower Upper
164 100
166 126.9 104.2 156.2
129 90.1 72.6 108.8
131 87.1 70.3 105.5





#65

Chlorobenzene

Concen: 19.434 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

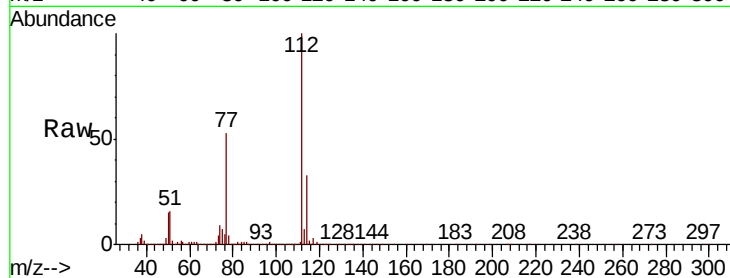
VX1130MBS01

Tot Ion:112 Resp: 449017

Ion Ratio Lower Upper

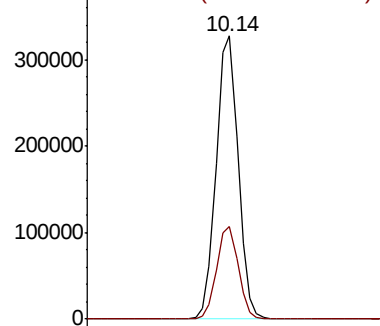
112 100

114 32.5 25.4 38.2

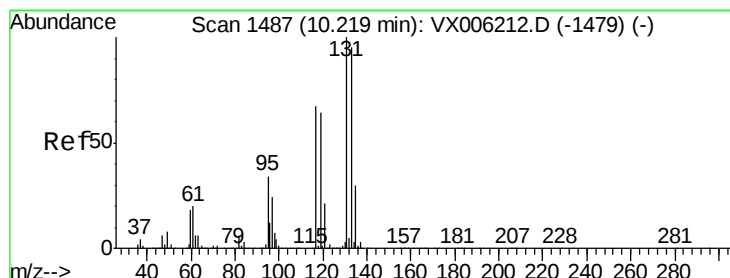
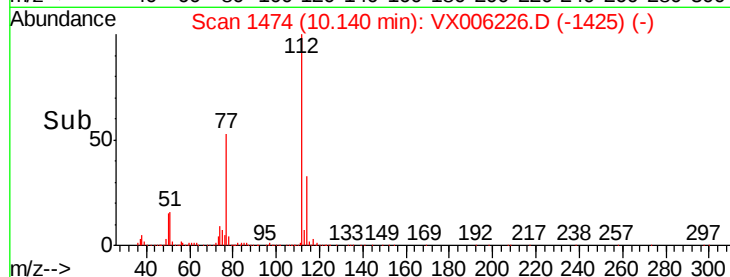


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.435 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

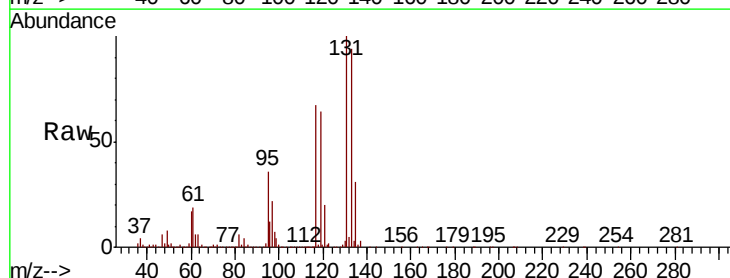
Tgt Ion:131 Resp: 174473

Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

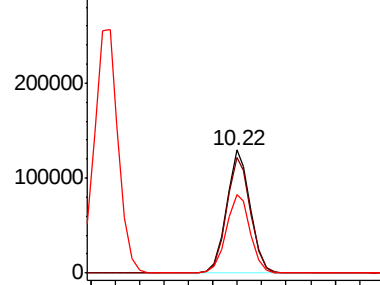
119 65.1 32.1 96.3



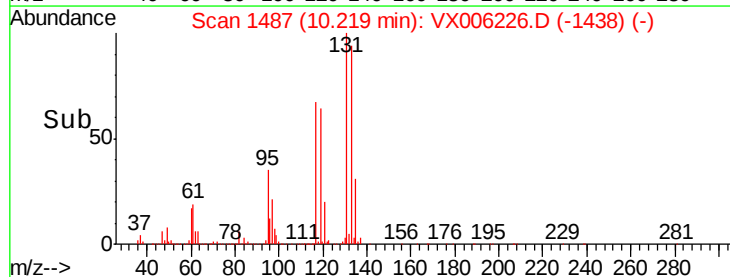
Abundance Ion 130.80 (130.50 to 131.50): V

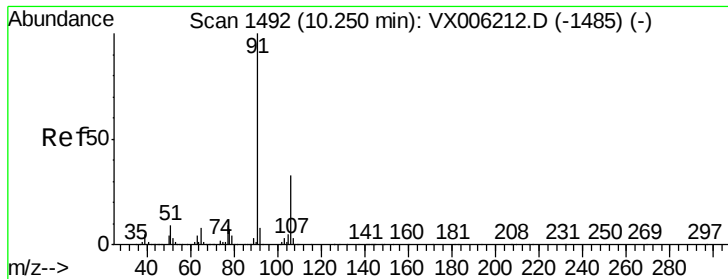
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 19.147 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

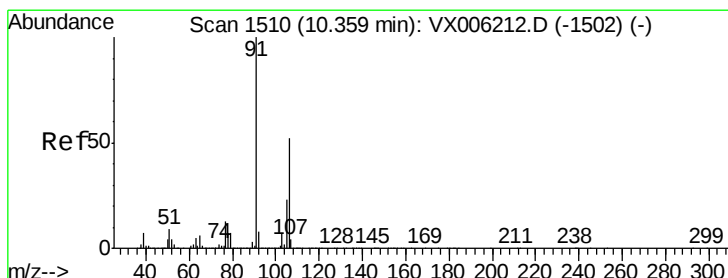
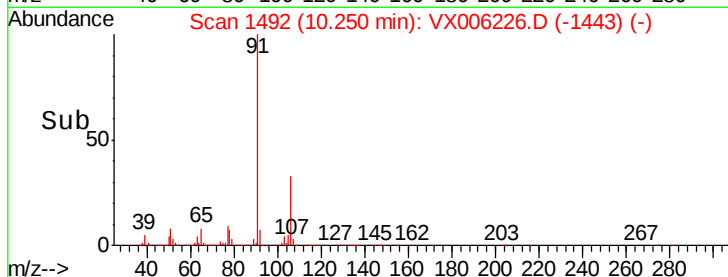
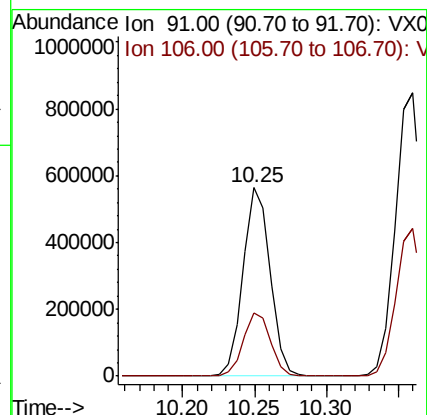
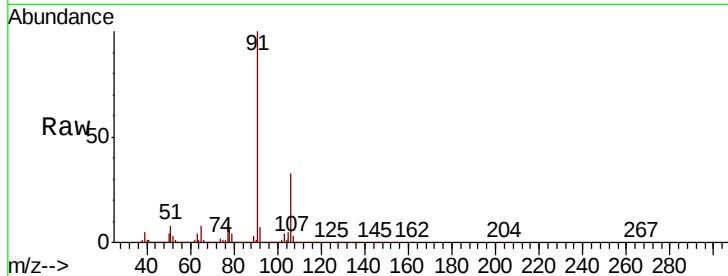
VX1130MBS01

Tot Ion: 91 Resp: 735803

Ion Ratio Lower Upper

91 100

106 33.4 26.5 39.7



#68

m/p-Xylenes

Concen: 38.624 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006226.D

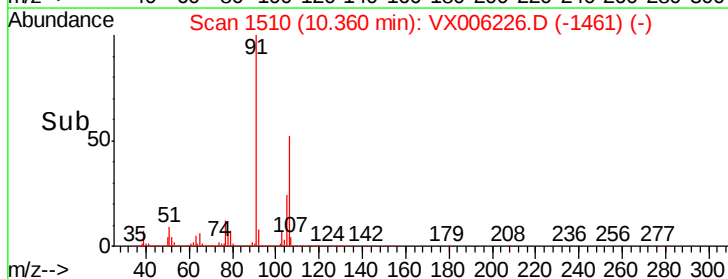
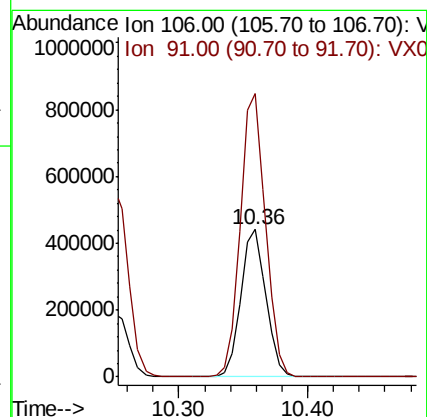
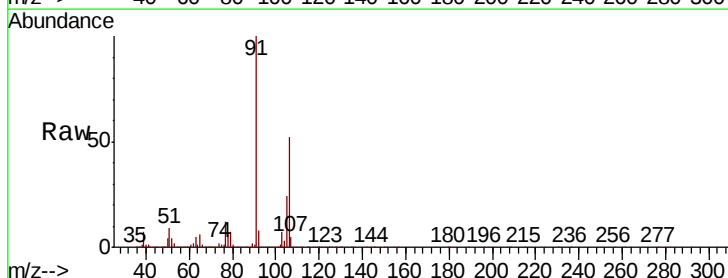
Acq: 30 Nov 2018 13:23

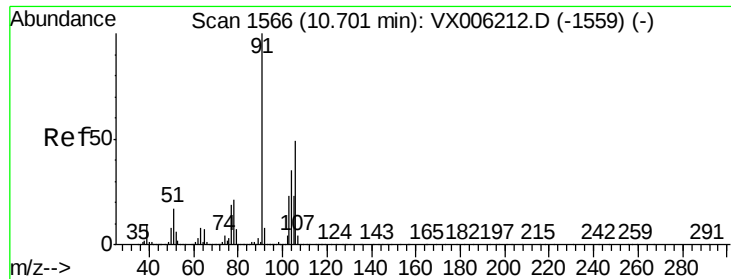
Tgt Ion: 106 Resp: 594548

Ion Ratio Lower Upper

106 100

91 193.2 155.2 232.8

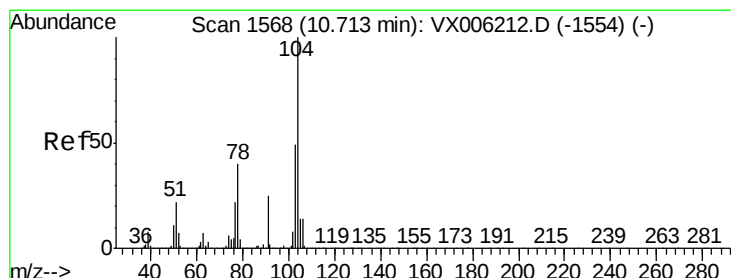
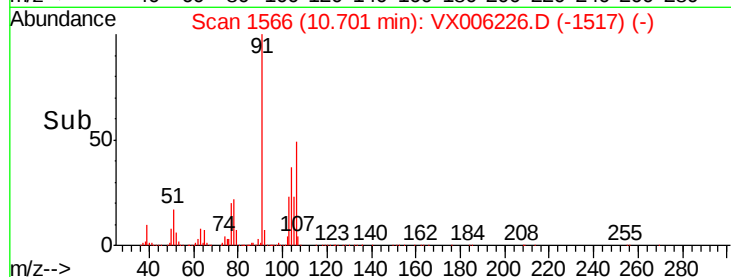
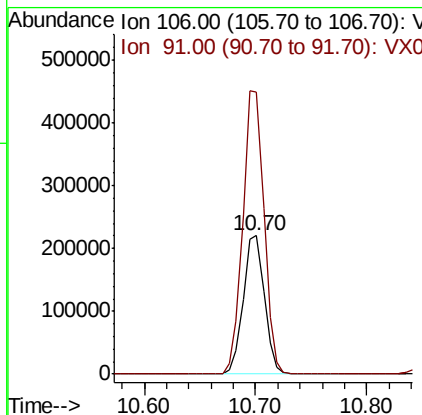
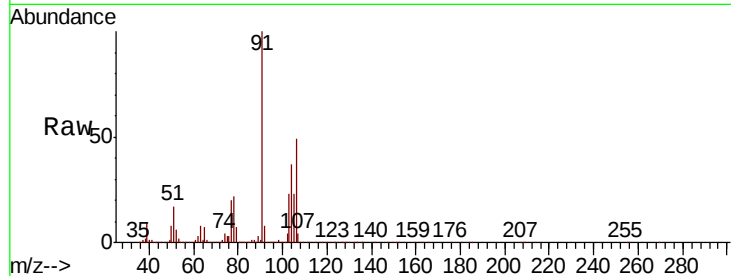




#69
o-Xylene
Concen: 19.146 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

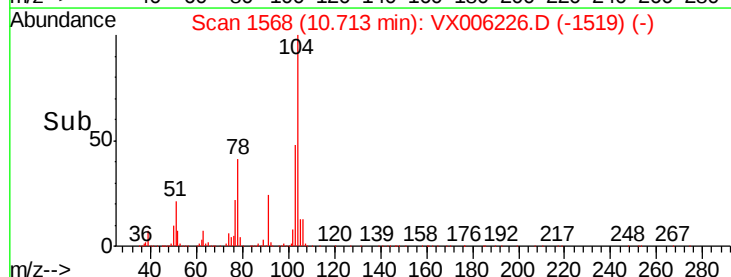
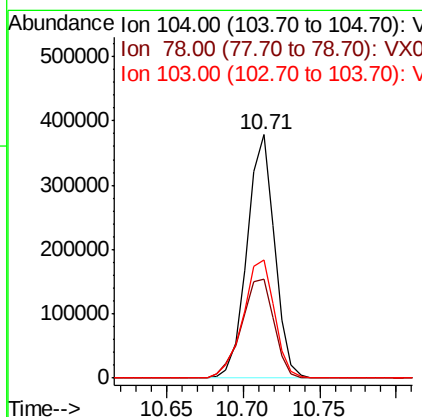
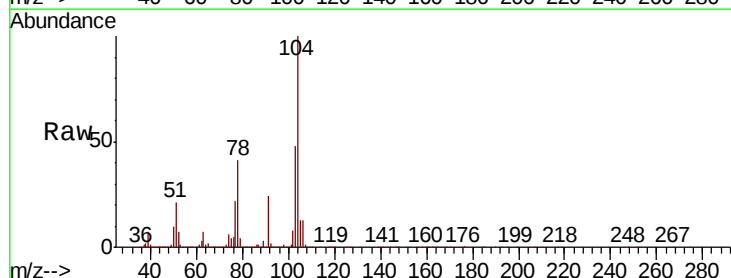
Instrument :
MSVOA_X
ClientSampled :
VX1130MBS01

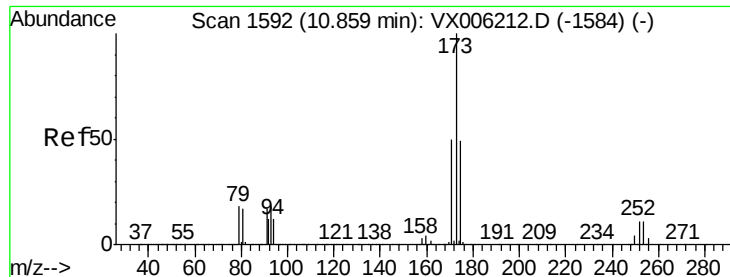
Tot Ion:106 Resp: 291117
Ion Ratio Lower Upper
106 100
91 205.1 101.8 305.6



#70
Styrene
Concen: 19.259 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion:104 Resp: 473616
Ion Ratio Lower Upper
104 100
78 48.2 37.2 55.8
103 55.0 43.5 65.3





#71

Bromoform

Concen: 19.285 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

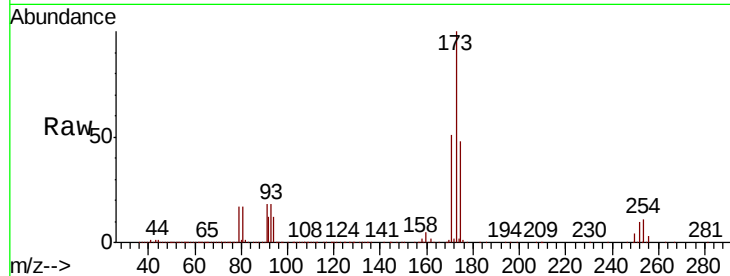
Tot Ion:173 Resp: 163424

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

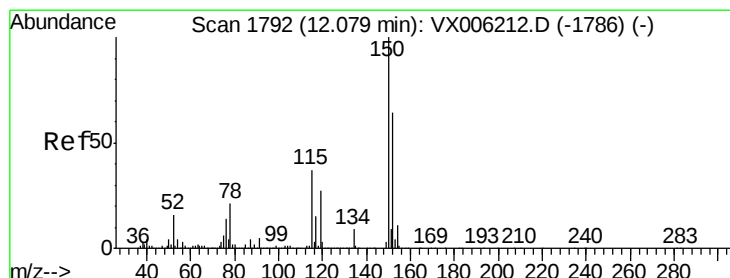
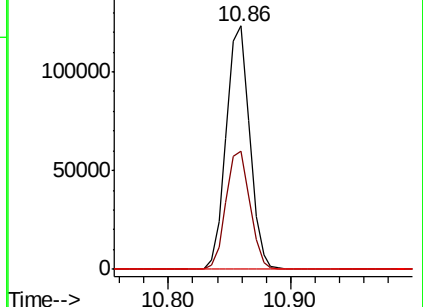
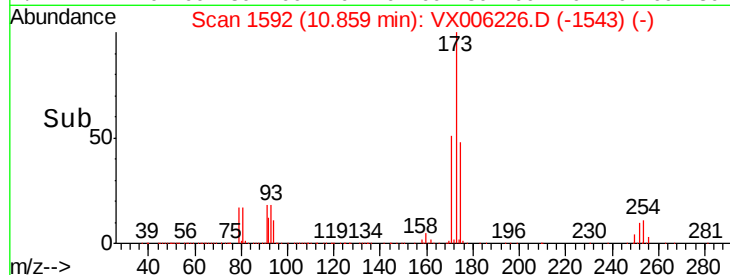
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

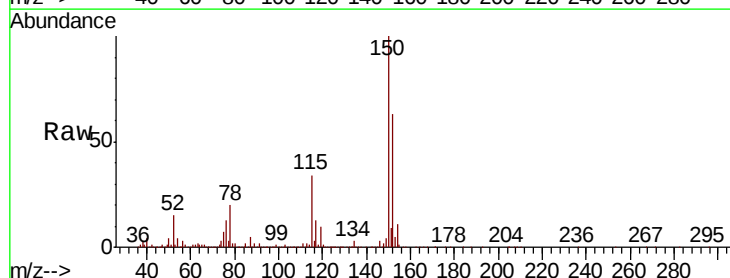
Tgt Ion:152 Resp: 563879

Ion Ratio Lower Upper

152 100

115 63.5 39.0 116.9

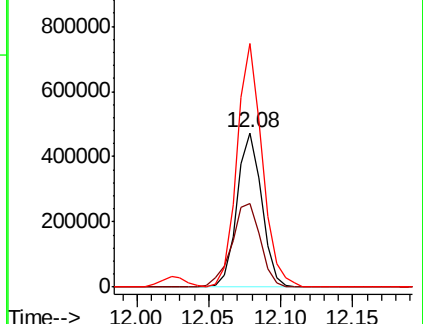
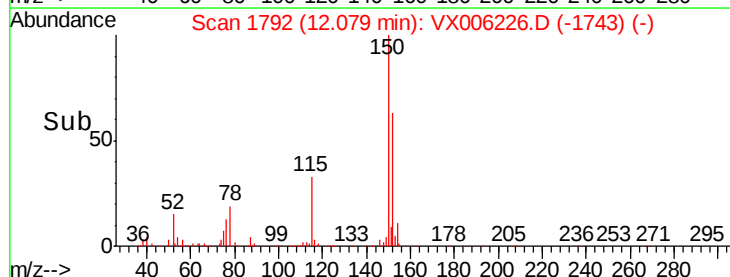
150 161.7 0.0 345.8

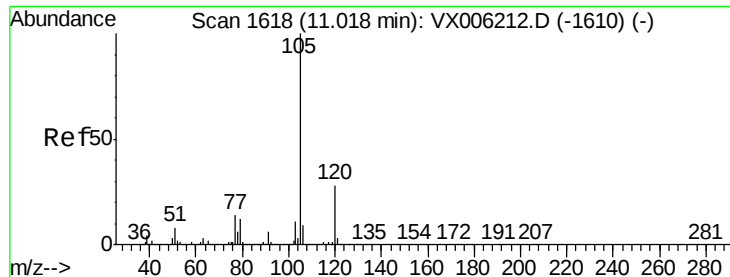


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.781 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

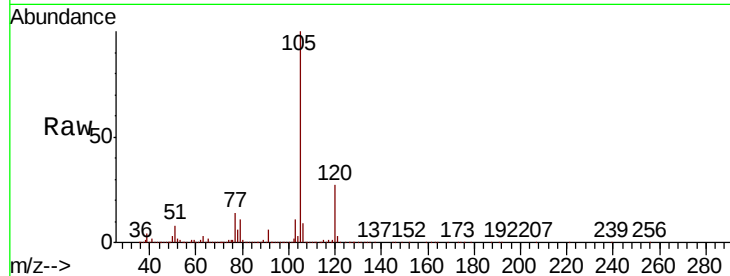
VX1130MBS01

Tot Ion:105 Resp: 770275

Ion Ratio Lower Upper

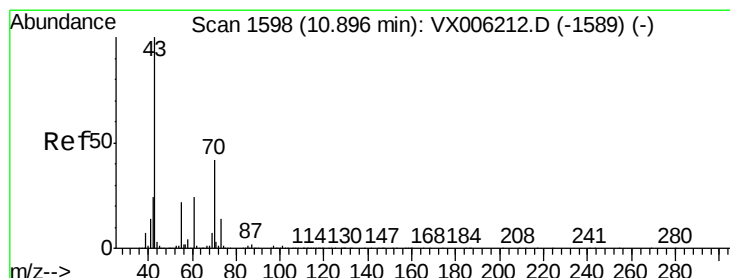
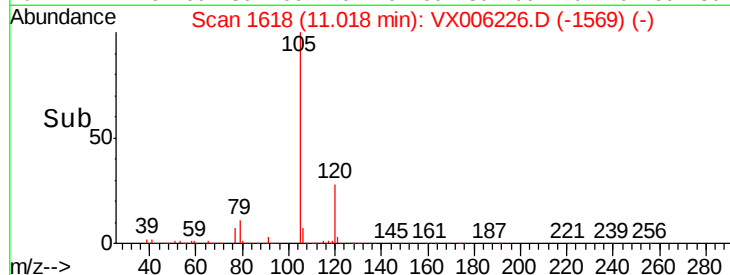
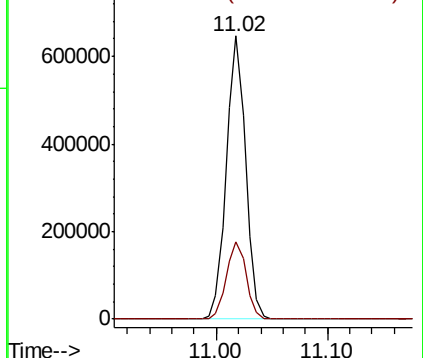
105 100

120 28.4 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.426 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Tgt Ion: 43 Resp: 325757

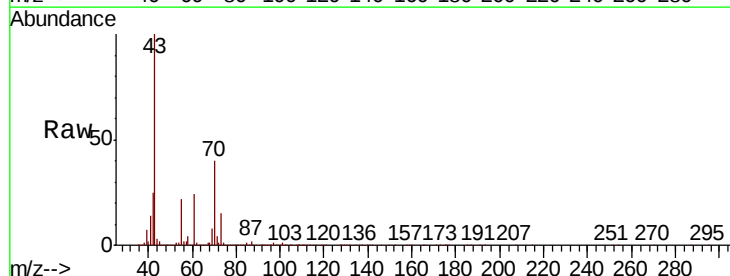
Ion Ratio Lower Upper

43 100

70 42.1 34.1 51.1

55 22.3 17.8 26.8

61 24.6 19.7 29.5

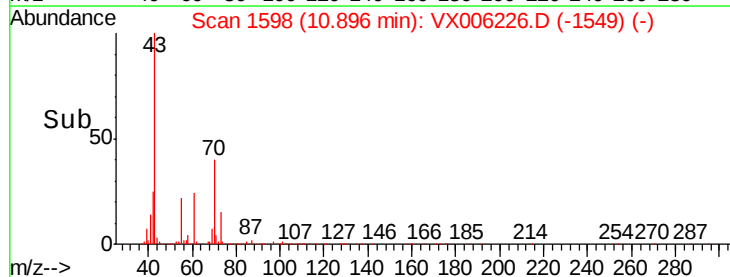
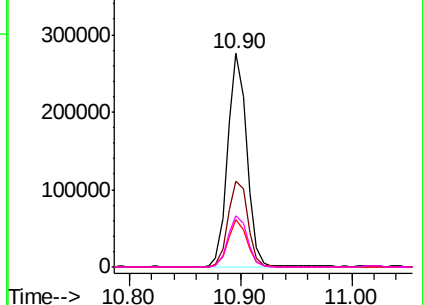


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.711 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

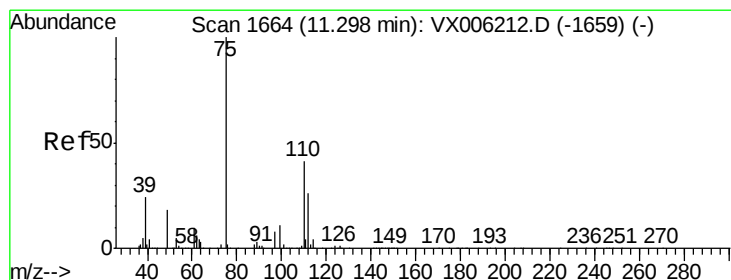
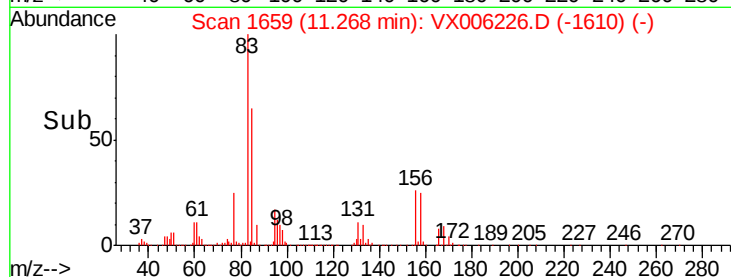
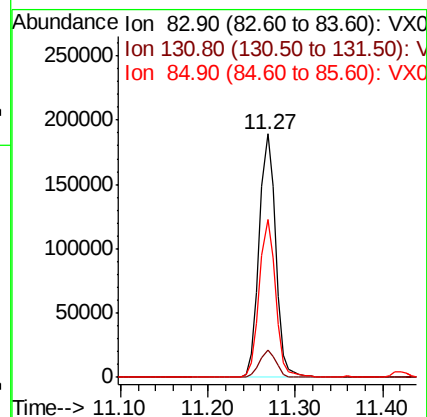
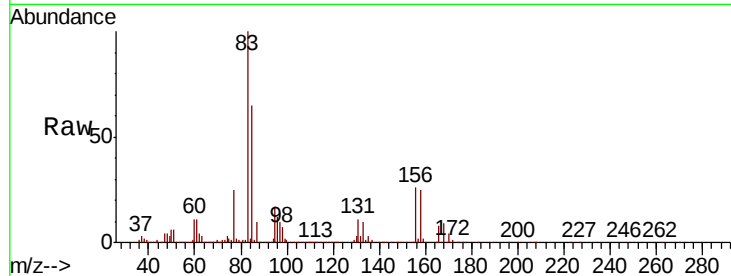
Tot Ion: 83 Resp: 245565

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

85 64.0 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 26.645 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006226.D

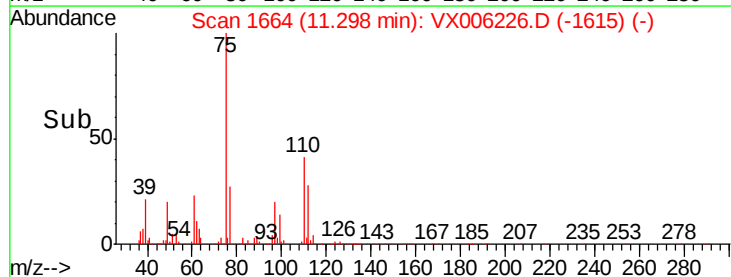
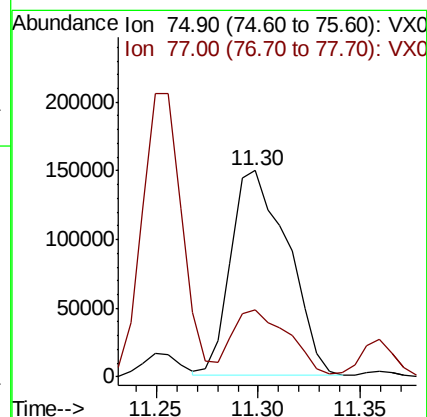
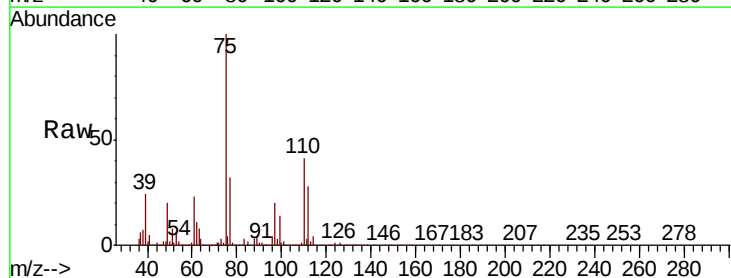
Acq: 30 Nov 2018 13:23

Tgt Ion: 75 Resp: 289995

Ion Ratio Lower Upper

75 100

77 31.8 19.9 59.7





#77

Bromobenzene

Concen: 19.631 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

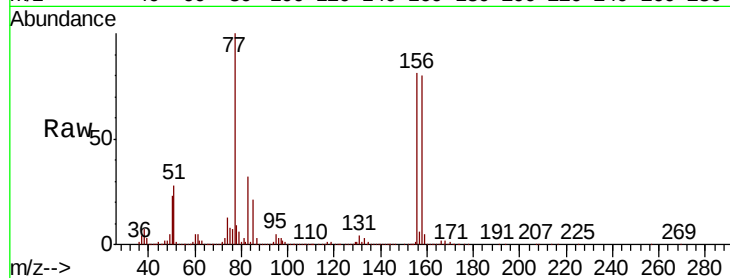
Tot Ion:156 Resp: 212150

Ion Ratio Lower Upper

156 100

77 132.9 66.2 198.6

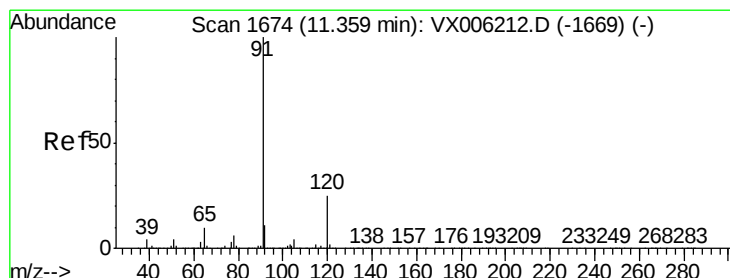
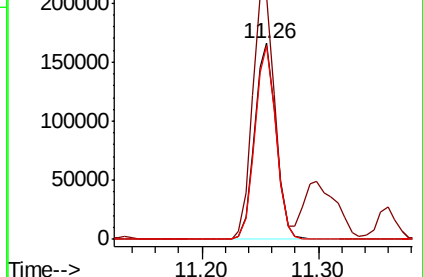
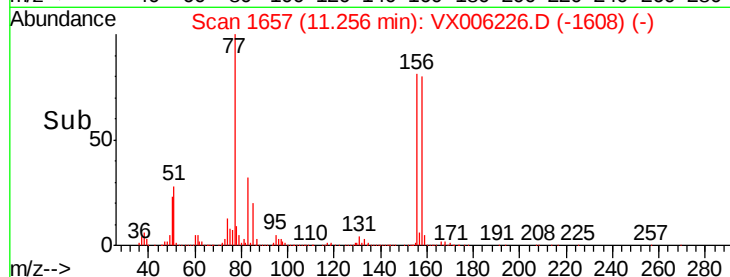
158 97.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006226.D

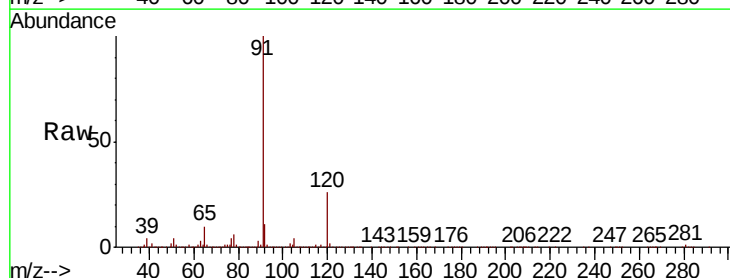
Acq: 30 Nov 2018 13:23

Tgt Ion: 91 Resp: 841827

Ion Ratio Lower Upper

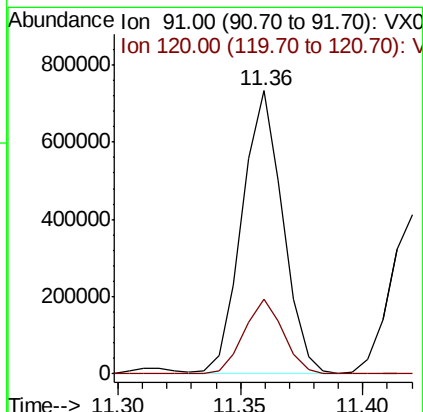
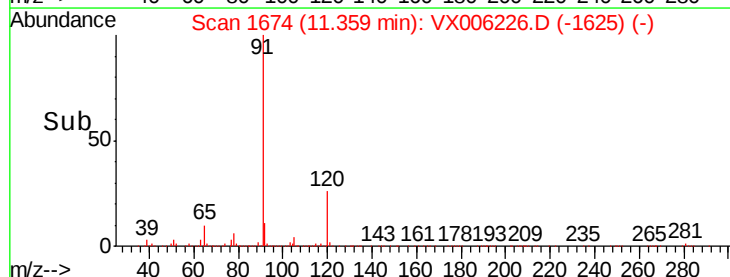
91 100

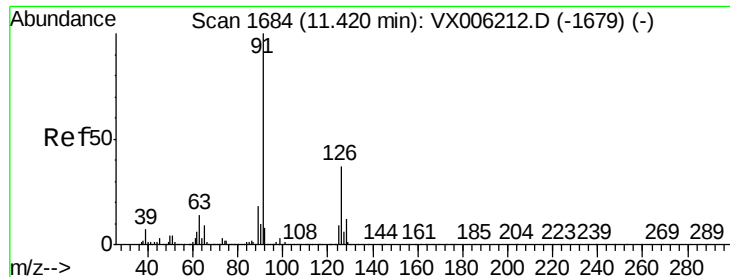
120 25.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.669 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

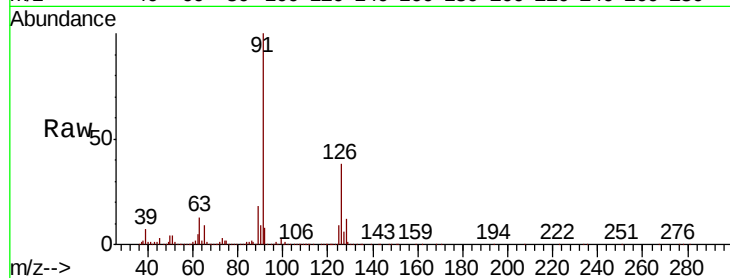
VX1130MBS01

Tot Ion: 91 Resp: 506043

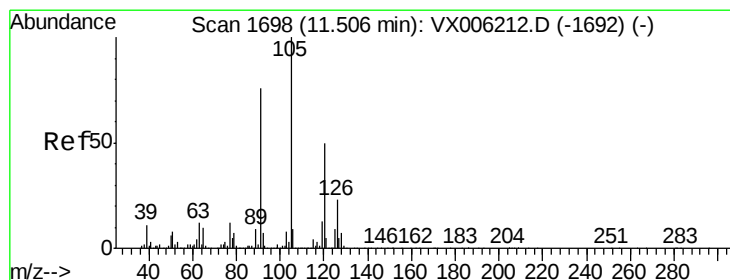
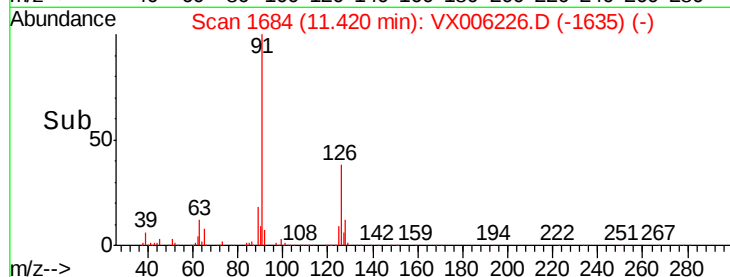
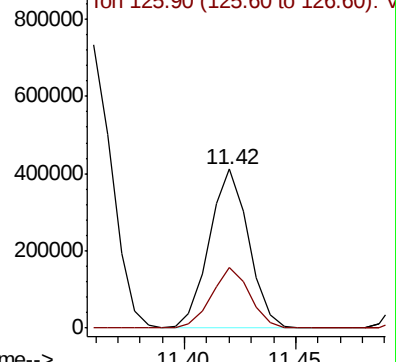
Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.478 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006226.D

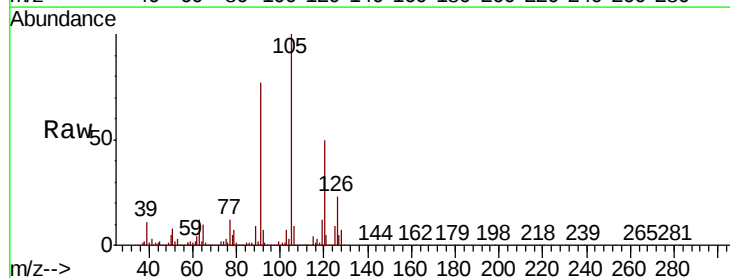
Acq: 30 Nov 2018 13:23

Tgt Ion: 105 Resp: 631075

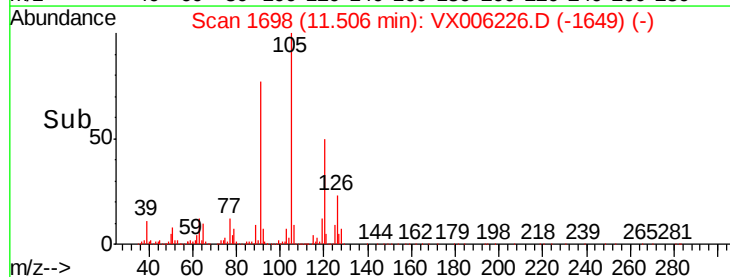
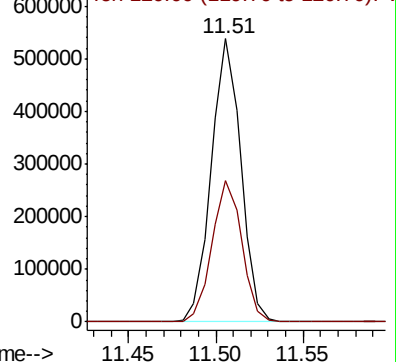
Ion Ratio Lower Upper

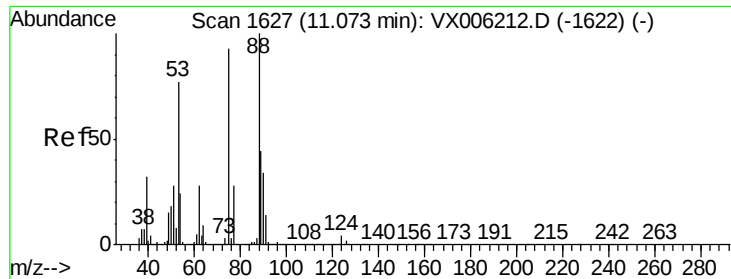
105 100

120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

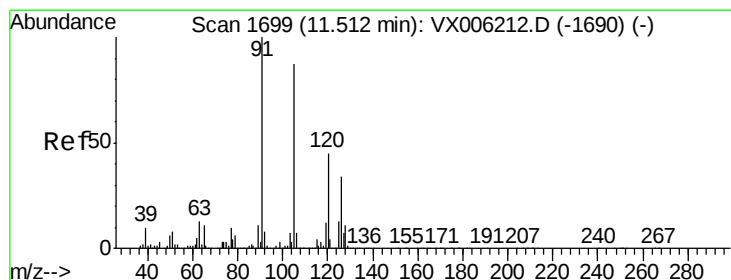
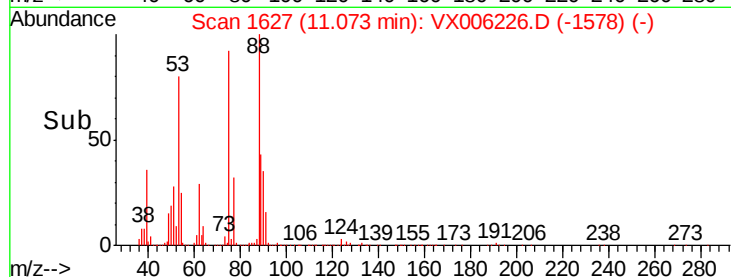
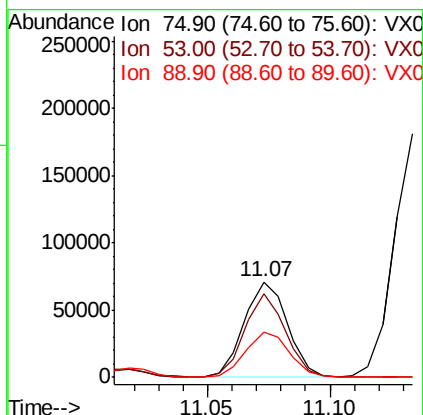
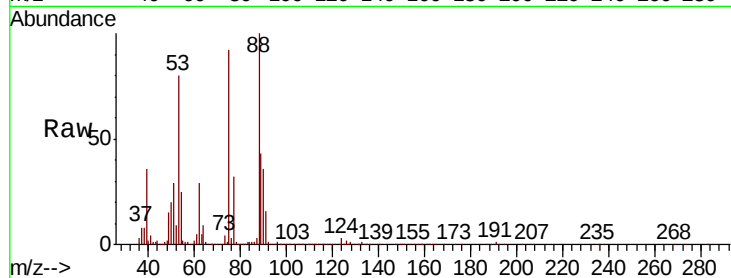




#81
trans-1,4-Dichloro-2-butene
Concen: 18.889 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

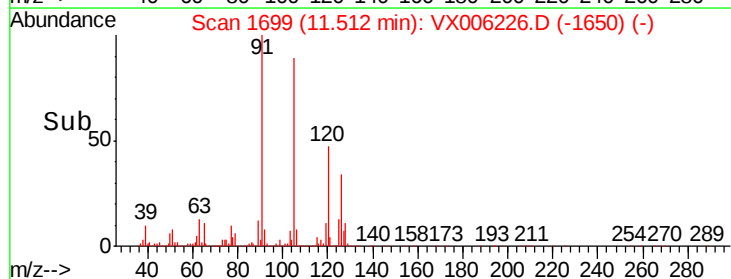
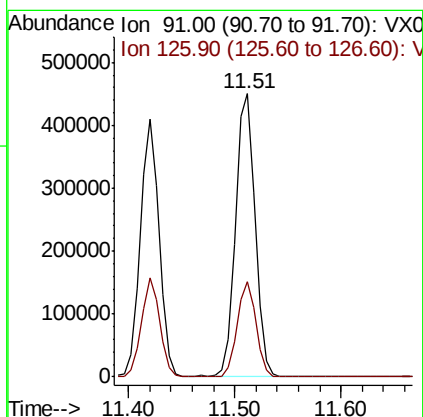
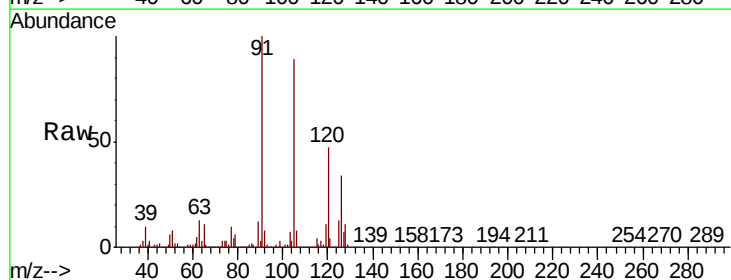
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

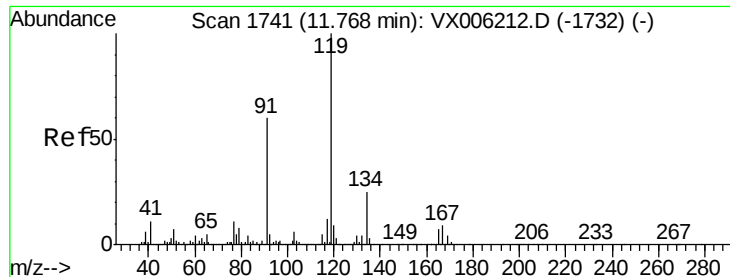
Tot Ion: 75 Resp: 87606
Ion Ratio Lower Upper
75 100
53 81.9 64.4 96.6
89 48.5 44.2 66.4



#82
4-Chlorotoluene
Concen: 19.448 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 91 Resp: 581735
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4





#83

tert-Butylbenzene

Concen: 19.619 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

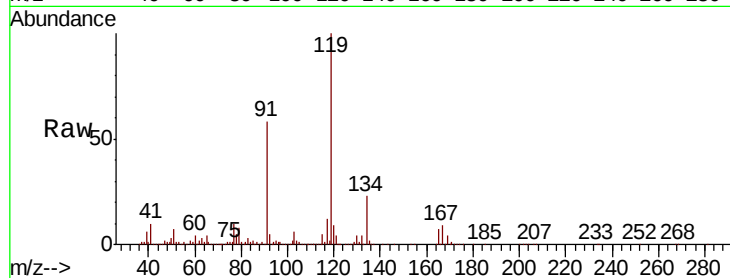
Tot Ion:119 Resp: 678230

Ion Ratio Lower Upper

119 100

91 53.2 26.4 79.2

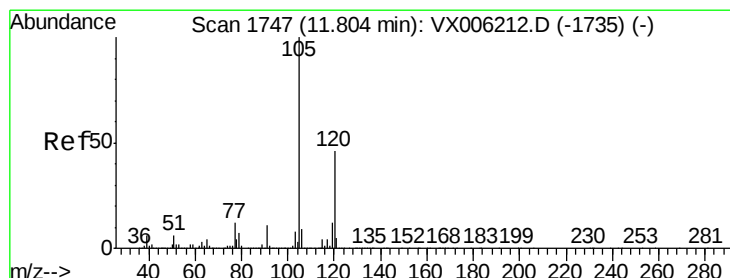
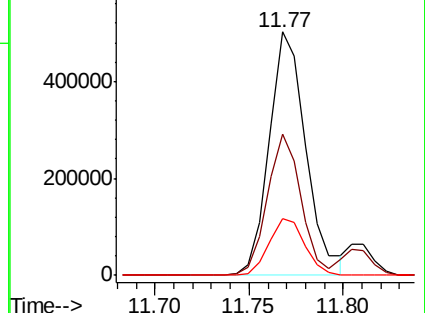
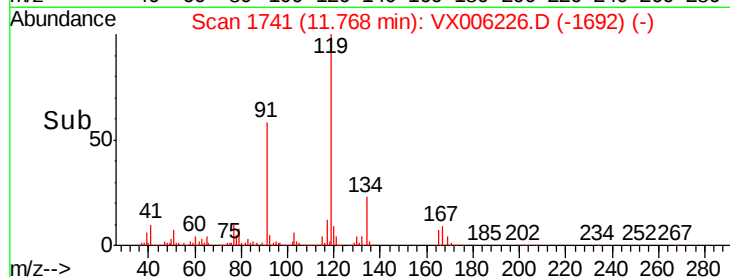
134 22.6 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.321 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006226.D

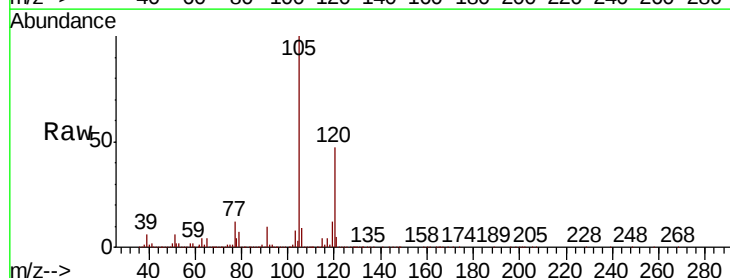
Acq: 30 Nov 2018 13:23

Tgt Ion:105 Resp: 646401

Ion Ratio Lower Upper

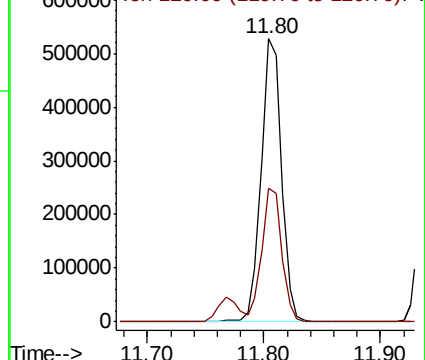
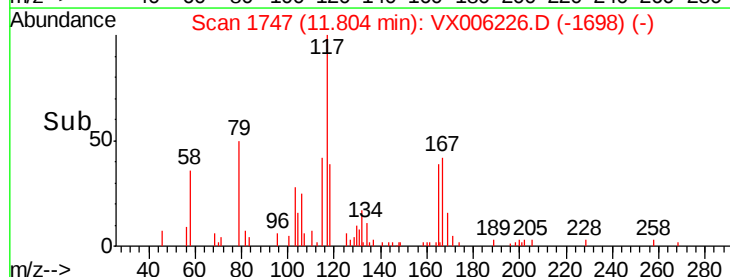
105 100

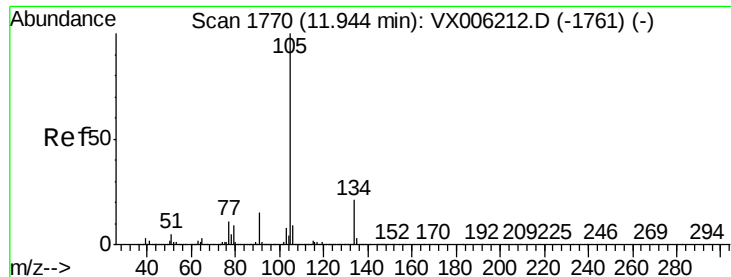
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.573 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

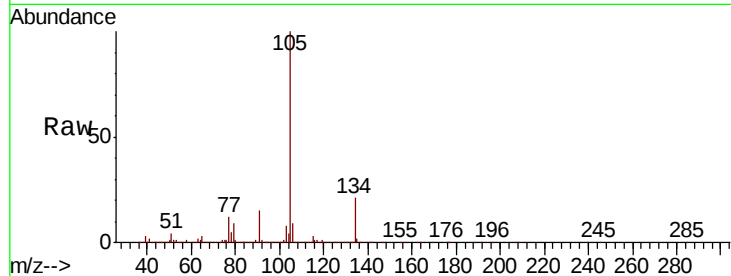
VX1130MBS01

Tot Ion:105 Resp: 769773

Ion Ratio Lower Upper

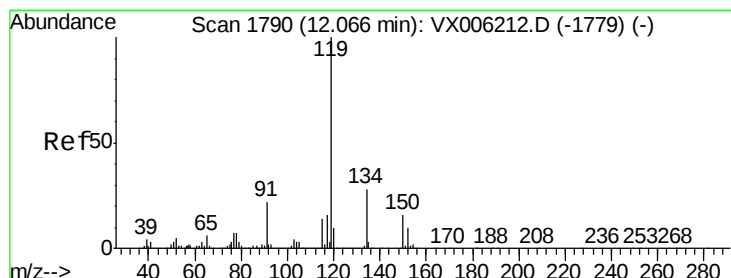
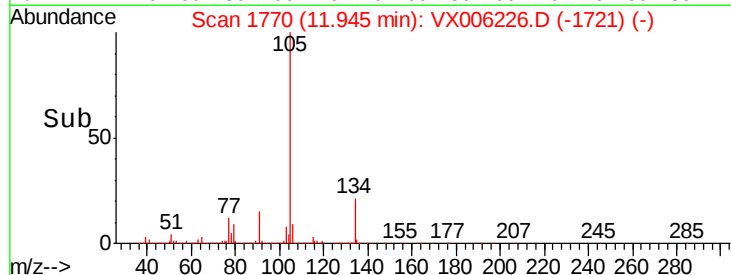
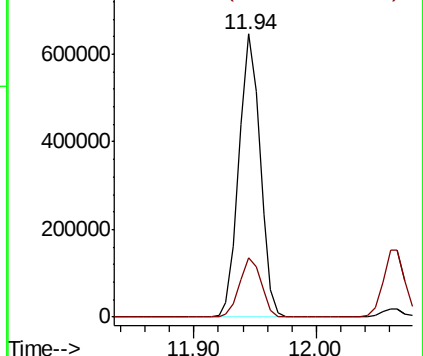
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.116 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

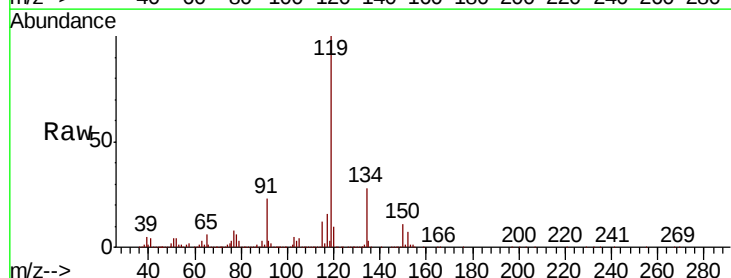
Tgt Ion:119 Resp: 676963

Ion Ratio Lower Upper

119 100

134 28.2 13.9 41.6

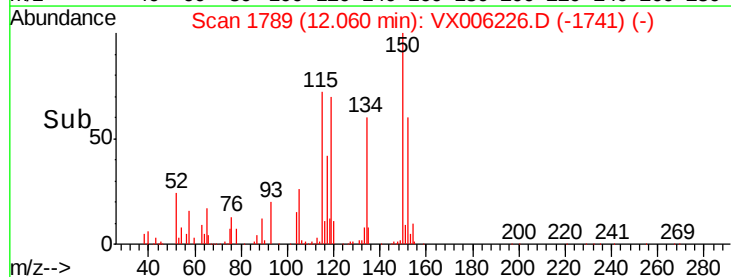
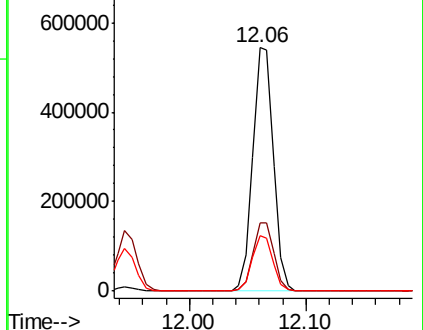
91 22.6 11.3 33.8

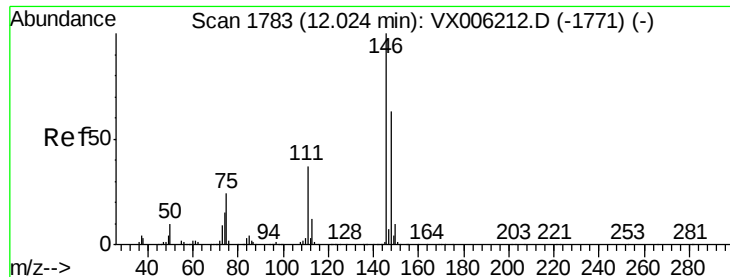


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

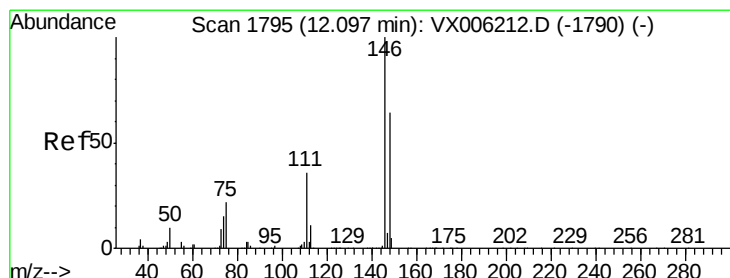
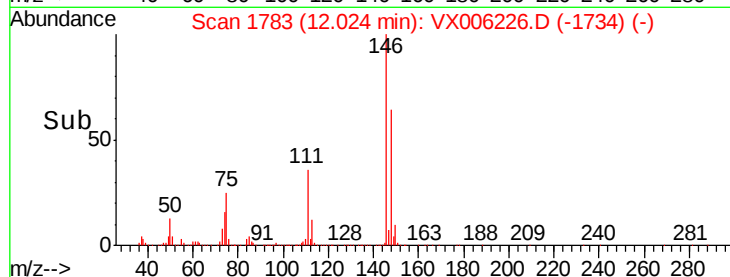
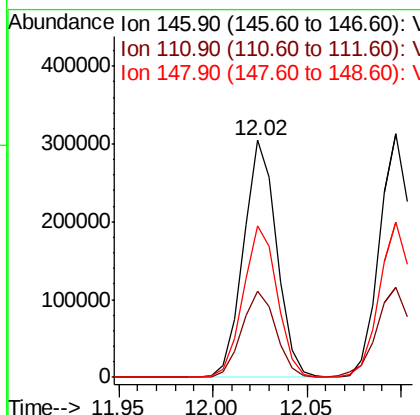
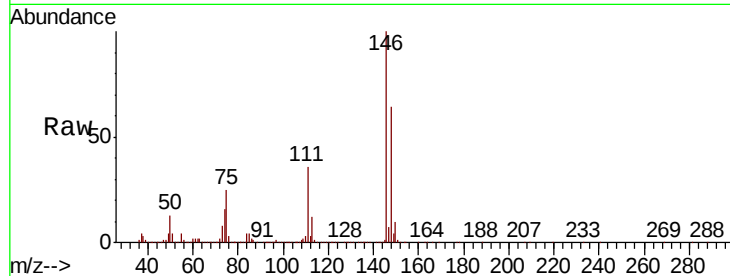




#87
 1,3-Dichlorobenzene
 Concen: 19.405 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

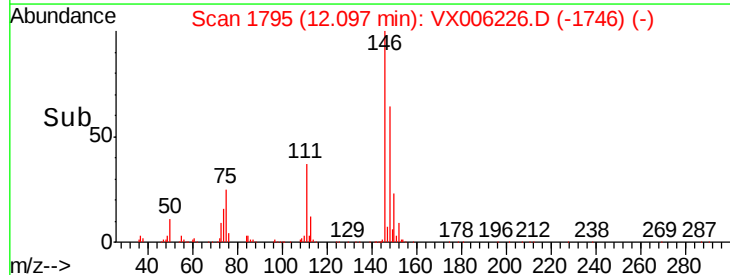
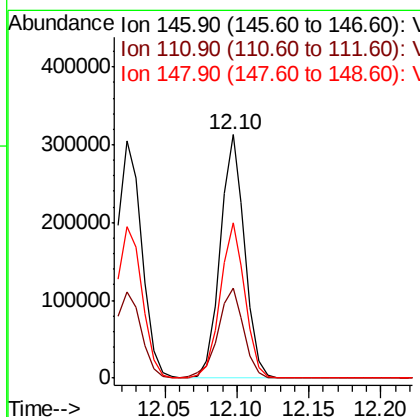
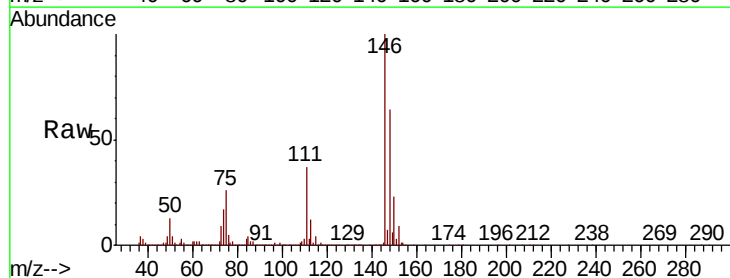
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

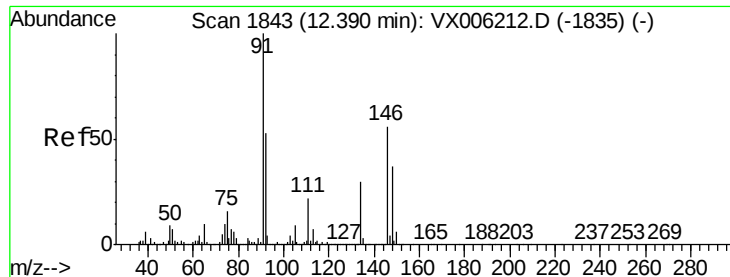
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	65.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.999 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.3	54.8
148	64.8	31.9	95.9

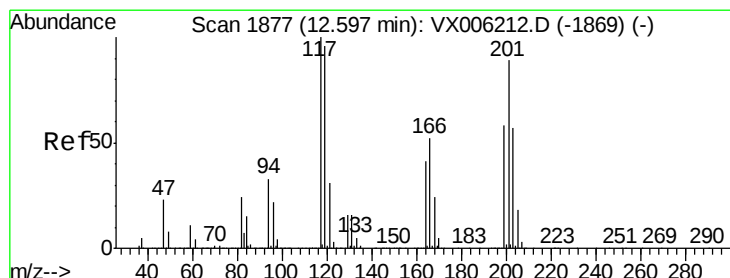
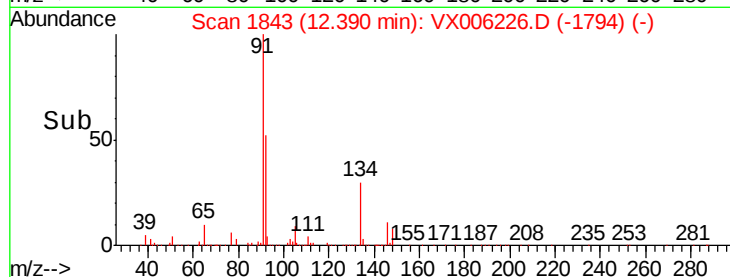
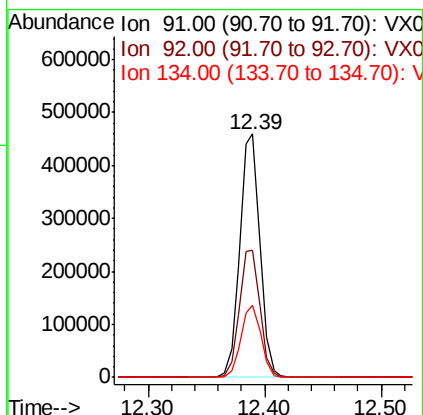
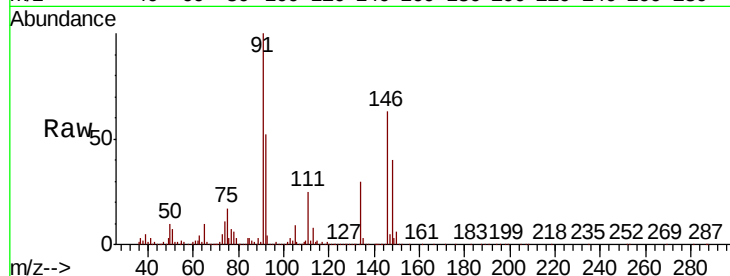




#89
n-Butylbenzene
Concen: 18.325 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

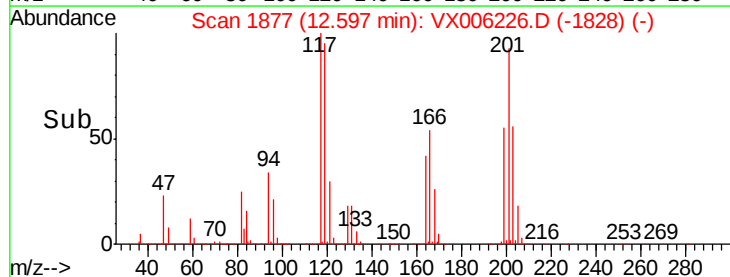
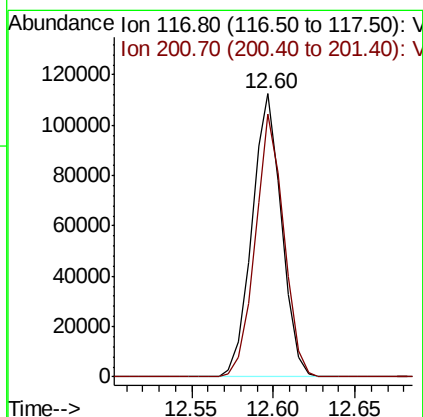
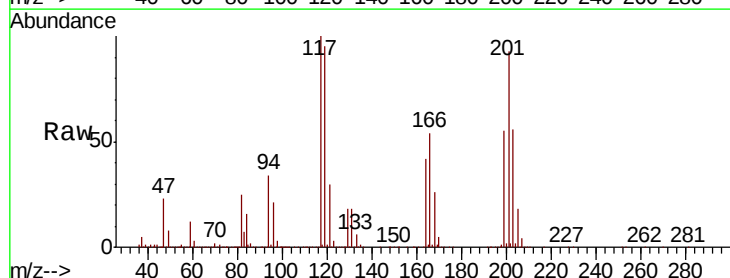
Instrument :
MSVOA_X
ClientSampleId :
VX1130MBS01

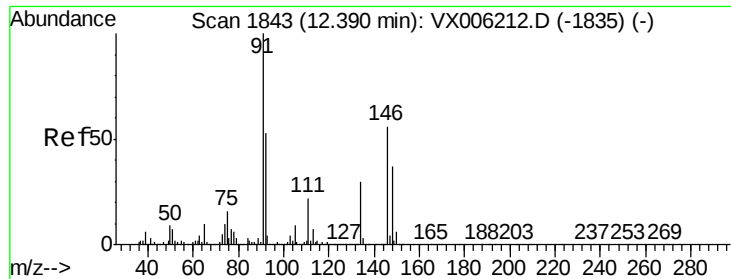
Tot Ion: 91 Resp: 553694
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.6 14.8 44.3



#90
Hexachloroethane
Concen: 19.631 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006226.D
Acq: 30 Nov 2018 13:23

Tgt Ion: 117 Resp: 141685
Ion Ratio Lower Upper
117 100
201 89.3 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 19.431 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

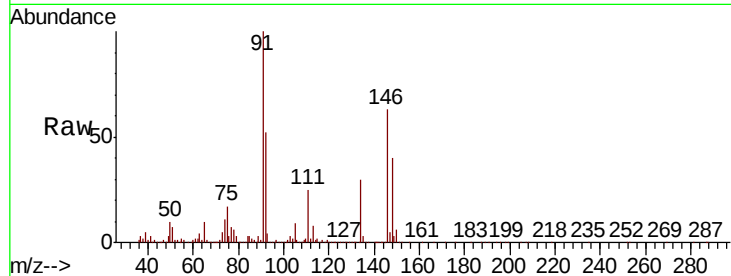
Tot Ion:146 Resp: 370833

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

148 64.0 32.1 96.3

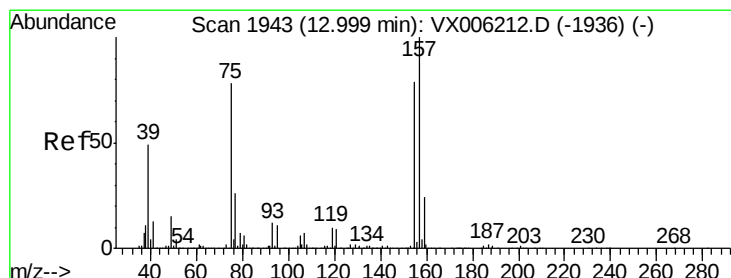
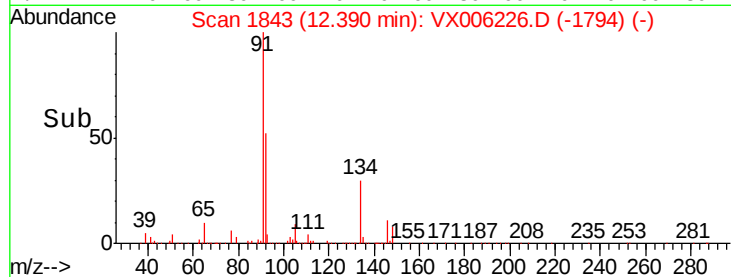
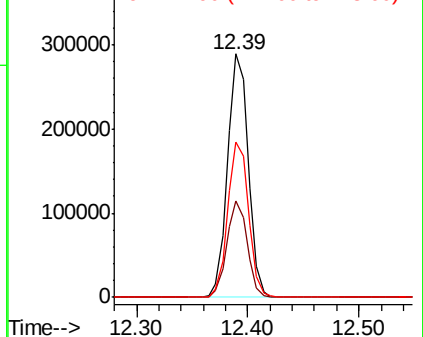


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.992 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

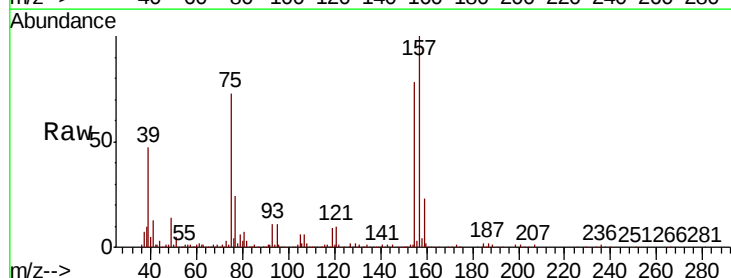
Tgt Ion: 75 Resp: 60652

Ion Ratio Lower Upper

75 100

155 103.0 53.4 160.3

157 131.0 68.0 203.8

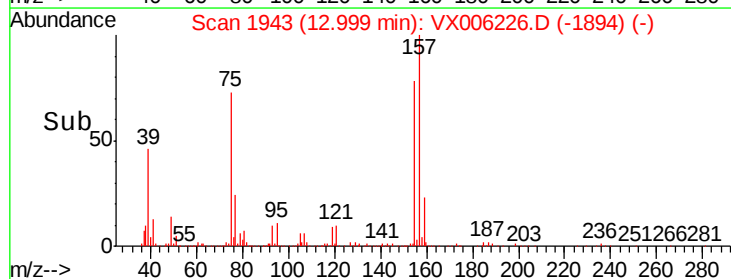
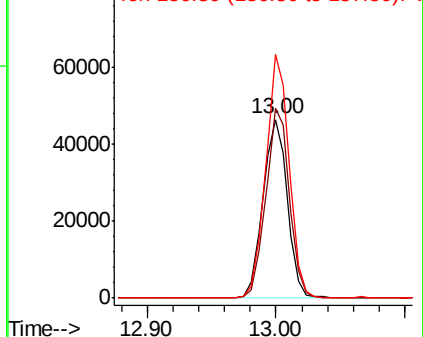


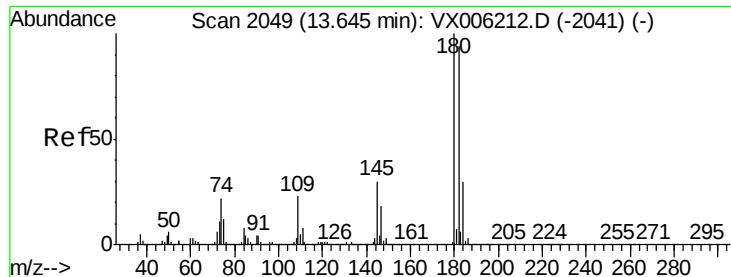
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

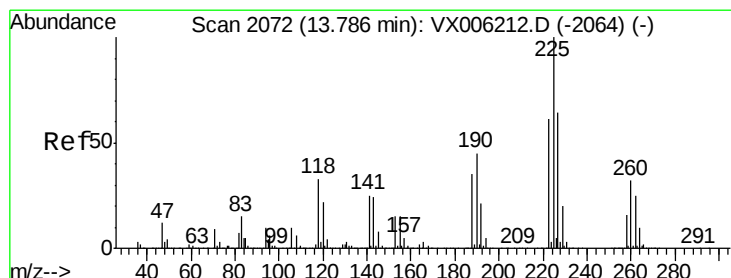
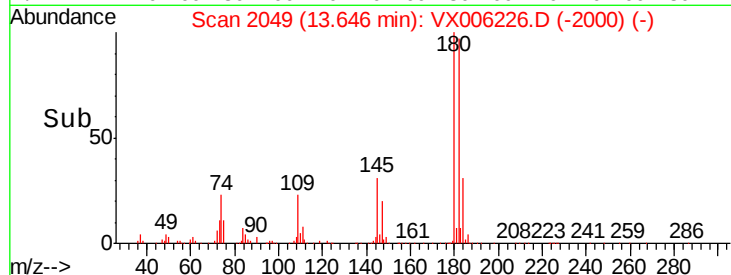
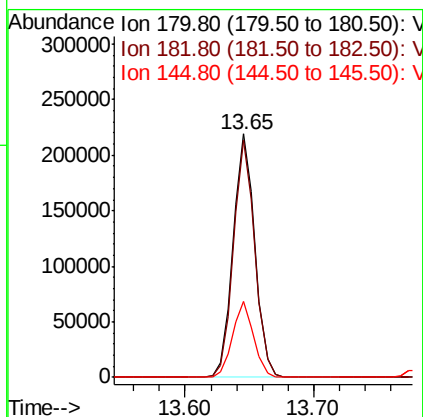
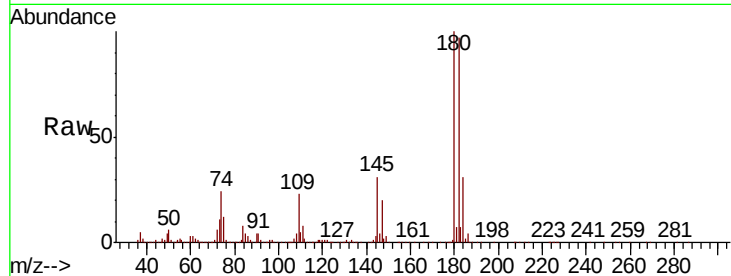




#93
 1,2,4-Trichlorobenzene
 Concen: 18.621 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

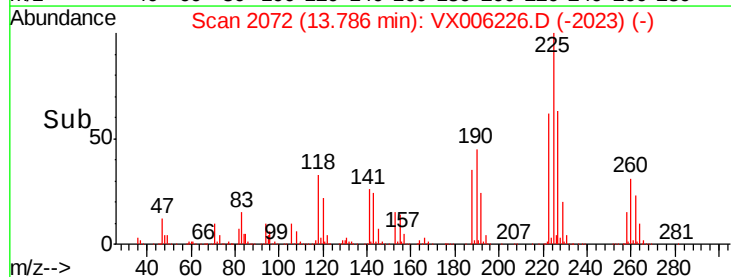
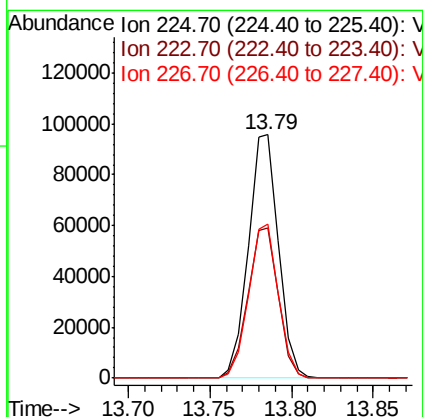
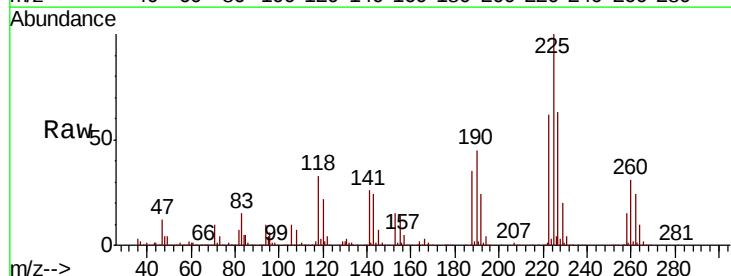
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130MBS01

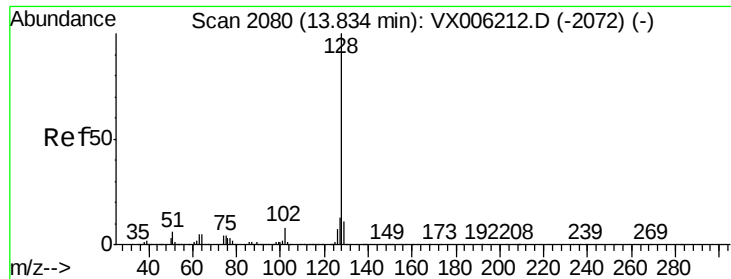
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.9
145	30.4	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.018 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006226.D
 Acq: 30 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.2	93.6
227	62.2	31.9	95.5





#95

Naphthalene

Concen: 19.303 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX1130MBS01

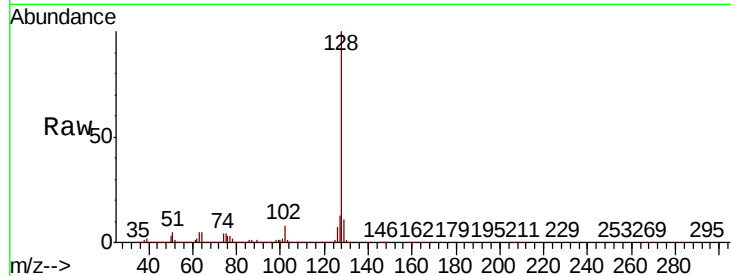
Tot Ion:128 Resp: 835994

Ion Ratio Lower Upper

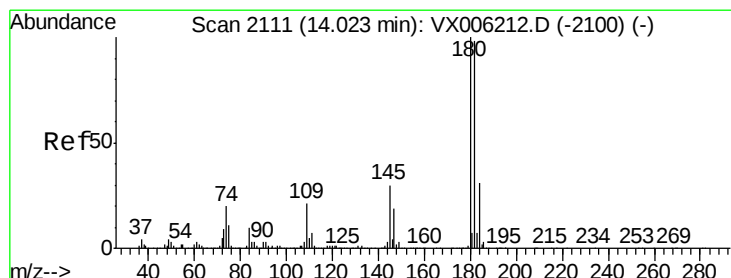
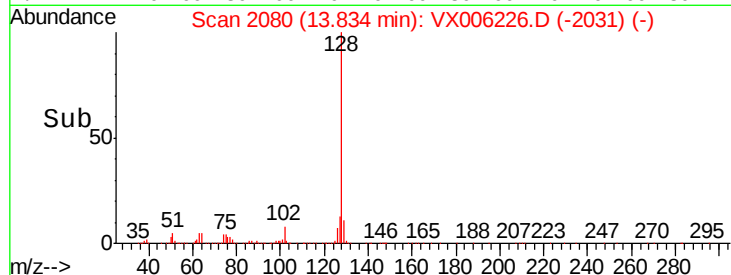
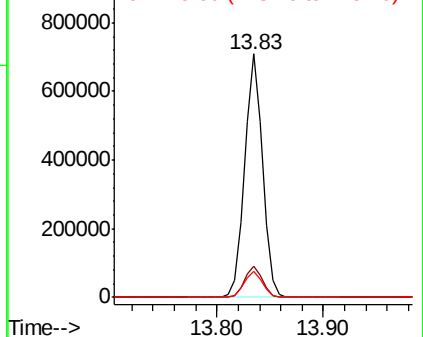
128 100

127 12.9 10.2 15.4

129 10.8 8.9 13.3



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: 18.729 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006226.D

Acq: 30 Nov 2018 13:23

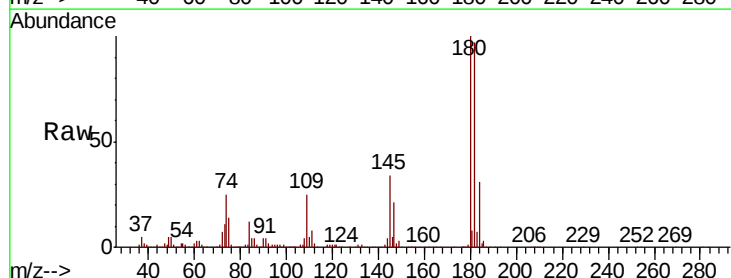
Tgt Ion:180 Resp: 258277

Ion Ratio Lower Upper

180 100

182 96.2 48.4 145.2

145 32.8 15.6 46.8



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

