

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121418\
 Data File : VX006536.D
 Acq On : 15 Dec 2018 01:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:40:25 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	515916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	816721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	769478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	291532	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.51	113	266815	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.71	98	952621	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	377085	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242837	48.072	ug/l	100
3) Chloromethane	1.32	50	259146	49.921	ug/l	100
4) Vinyl Chloride	1.41	62	275711	49.349	ug/l	97
5) Bromomethane	1.64	94	288013	74.384	ug/l	96
6) Chloroethane	1.71	64	178498	52.107	ug/l	100
7) Trichlorofluoromethane	1.93	101	442387	51.583	ug/l	98
8) Diethyl Ether	2.19	74	184522	56.850	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261346	53.592	ug/l	98
10) Methyl Iodide	2.51	142	427871	58.220	ug/l	98
11) Tert butyl alcohol	3.07	59	367185	254.934	ug/l	99
12) 1,1-Dichloroethene	2.37	96	243207	52.097	ug/l	93
13) Acrolein	2.30	56	224405	285.058	ug/l	99
14) Allyl chloride	2.73	41	417396	45.262	ug/l	99
15) Acrylonitrile	3.15	53	820072	272.849	ug/l	100
16) Acetone	2.45	43	665236	269.150	ug/l	96
17) Carbon Disulfide	2.57	76	616856	42.881	ug/l	99
18) Methyl Acetate	2.78	43	449472	54.379	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	908589	54.558	ug/l	100
20) Methylene Chloride	2.85	84	289676	55.069	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	264708	53.209	ug/l	92
22) Diisopropyl ether	3.87	45	813343	56.466	ug/l	97
23) Vinyl Acetate	3.82	43	3368439	274.181	ug/l	99
24) 1,1-Dichloroethane	3.70	63	448863	54.520	ug/l	100
25) 2-Butanone	4.70	43	1003672	284.597	ug/l	100
26) 2,2-Dichloropropane	4.59	77	300590	39.561	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	316898	57.107	ug/l	95
28) Bromochloromethane	5.02	49	193107	53.699	ug/l	99
29) Tetrahydrofuran	5.15	42	689044	281.126	ug/l	97
30) Chloroform	5.21	83	496955	57.439	ug/l	99
31) Cyclohexane	5.57	56	405164	53.251	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	421880	51.249	ug/l	99
36) 1,1-Dichloropropene	5.80	75	353603	51.414	ug/l	99
37) Ethyl Acetate	4.85	43	401401	52.116	ug/l	99
38) Carbon Tetrachloride	5.78	117	366452	45.292	ug/l	99

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 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	466220	52.223	ug/l	100
40) Benzene	6.14	78	1111949	53.981	ug/l	96
41) Methacrylonitrile	5.06	41	220695	52.074	ug/l	100
42) 1,2-Dichloroethane	6.20	62	385545	57.188	ug/l	100
43) Isopropyl Acetate	6.46	43	638116	49.692	ug/l	99
44) Trichloroethene	7.21	130	323336	51.814	ug/l	95
45) 1,2-Dichloropropane	7.52	63	278199	53.139	ug/l	99
46) Dibromomethane	7.66	93	207394	54.851	ug/l	96
47) Bromodichloromethane	7.90	83	357092	48.769	ug/l	99
48) Methyl methacrylate	7.77	41	325322	52.074	ug/l	97
49) 1,4-Dioxane	7.75	88	168133	1091.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2019335	270.123	ug/l	98
52) Toluene	8.79	92	737168	54.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	395465	46.182	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	430810	48.450	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	318119	57.781	ug/l	98
56) Ethyl methacrylate	9.18	69	469501	54.548	ug/l	98
57) 1,3-Dichloropropane	9.37	76	498478	57.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1070884	245.185	ug/l	100
59) 2-Hexanone	9.49	43	1510315	264.439	ug/l	98
60) Dibromochloromethane	9.59	129	328762	48.426	ug/l	99
61) 1,2-Dibromoethane	9.67	107	345882	56.185	ug/l	100
64) Tetrachloroethene	9.34	164	312989	54.011	ug/l	98
65) Chlorobenzene	10.14	112	879822	53.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309641	48.790	ug/l	100
67) Ethyl Benzene	10.25	91	1414531	52.068	ug/l	100
68) m/p-Xylenes	10.36	106	1146720	105.374	ug/l	99
69) o-Xylene	10.70	106	568659	52.902	ug/l	100
70) Styrene	10.71	104	924979	53.204	ug/l	99
71) Bromoform	10.86	173	243985	40.726	ug/l	100
73) Isopropylbenzene	11.02	105	1482804	52.208	ug/l	100
74) N-amyl acetate	10.90	43	574478	46.971	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	470963	51.832	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	524718	66.101	ug/l	87
77) Bromobenzene	11.26	156	412022	52.274	ug/l	99
78) n-propylbenzene	11.36	91	1661469	52.626	ug/l	100
79) 2-Chlorotoluene	11.42	91	984929	52.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1231773	52.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125383	37.066	ug/l	86
82) 4-Chlorotoluene	11.51	91	1131649	51.870	ug/l	100
83) tert-Butylbenzene	11.77	119	1262174	50.060	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1281283	52.509	ug/l	100
85) sec-Butylbenzene	11.94	105	1513920	52.780	ug/l	100
86) p-Isopropyltoluene	12.06	119	1353256	52.393	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	735901	52.471	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	733893	51.556	ug/l	99
89) n-Butylbenzene	12.39	91	1138376	51.654	ug/l	100
90) Hexachloroethane	12.60	117	213807	40.615	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	730081	52.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	100710	43.238	ug/l	95

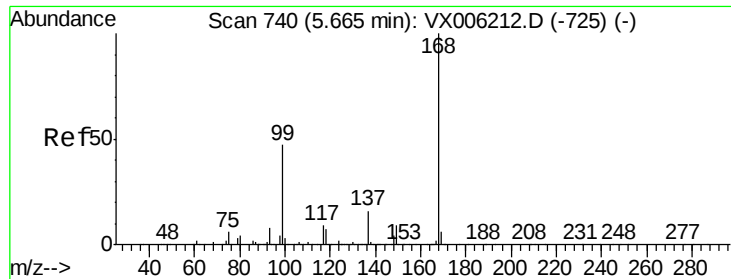
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	516011	50.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	227609	50.682	ug/l	98
95) Naphthalene	13.83	128	1678652	53.142	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	520595	51.758	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

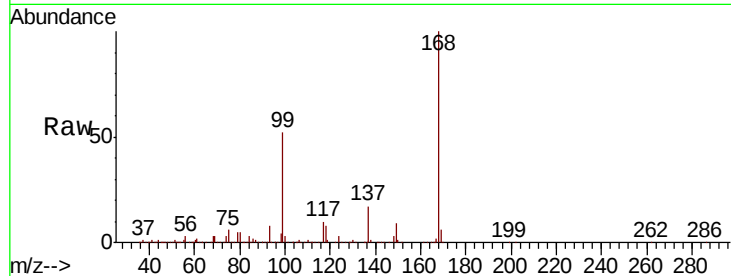
ClientSampled :

Tot Ion:168 Resp: 515916

Ion Ratio Lower Upper

168 100

99 51.9 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

200000

150000

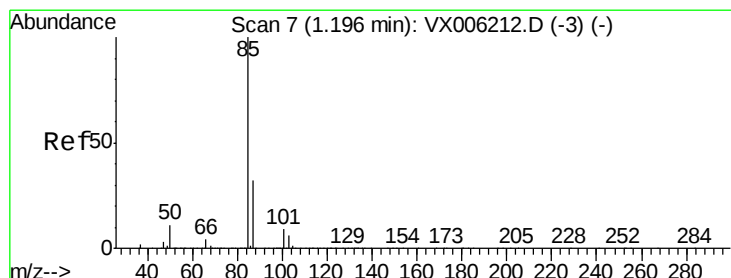
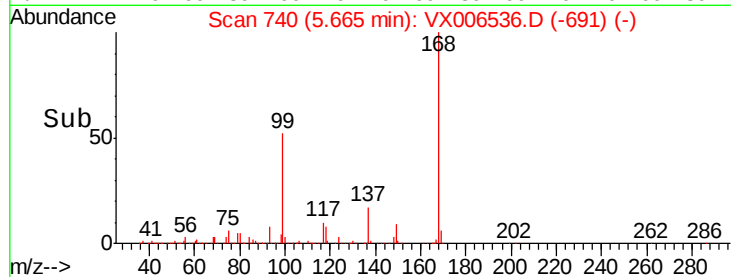
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.072 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006536.D

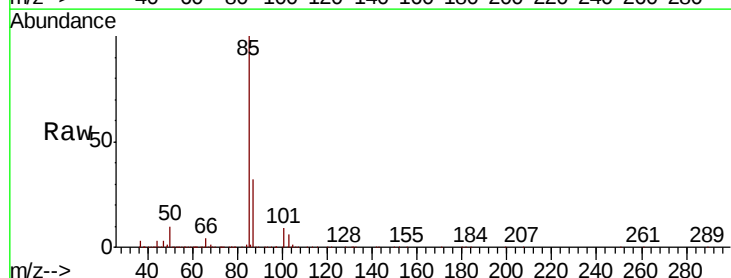
Acq: 15 Dec 2018 01:02

Tgt Ion: 85 Resp: 242837

Ion Ratio Lower Upper

85 100

87 32.3 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

250000

200000

150000

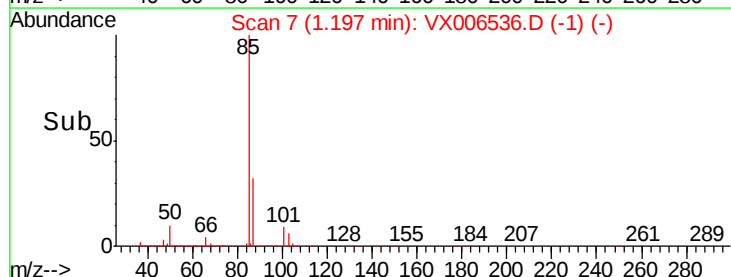
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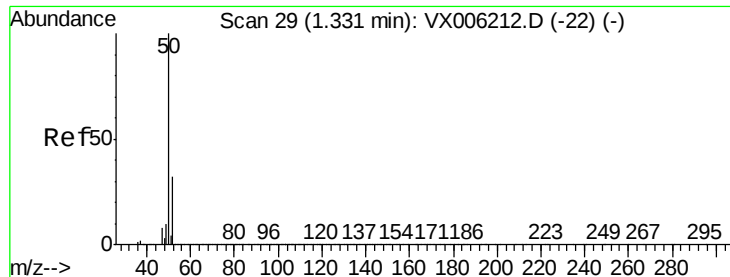
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Time-->

1.15 1.20 1.25 1.30

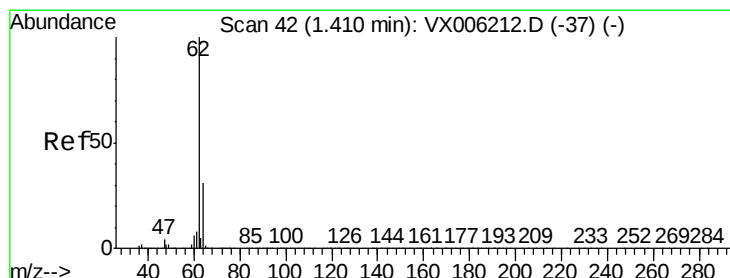
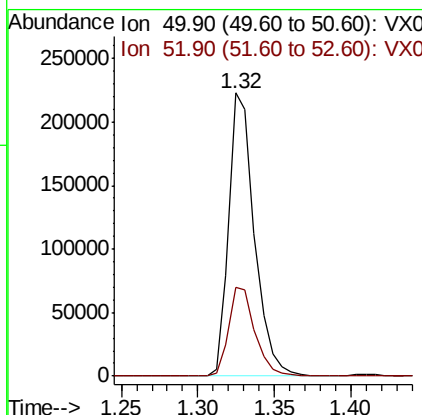
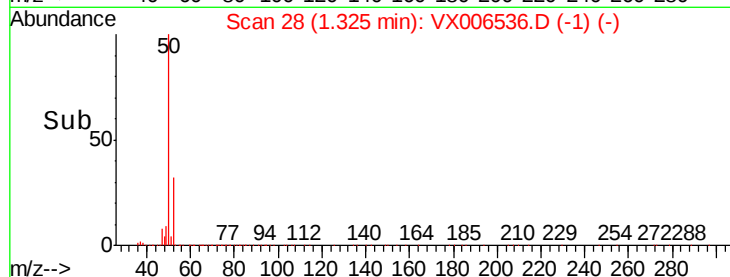
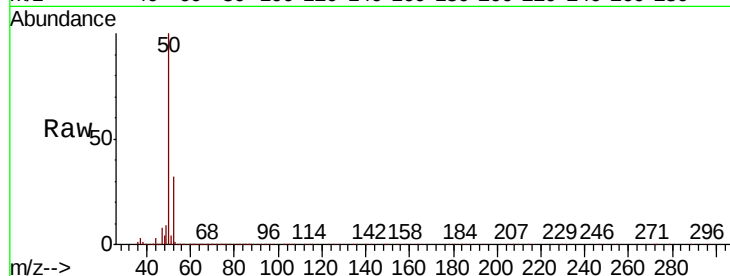




#3
Chloromethane
Concen: 49.921 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

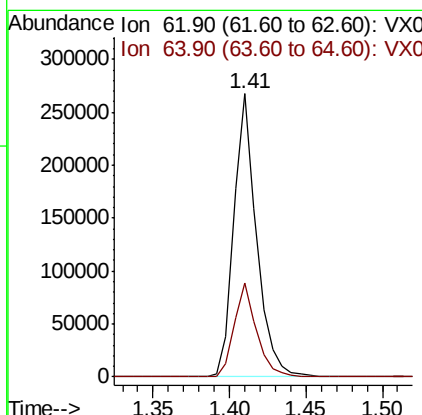
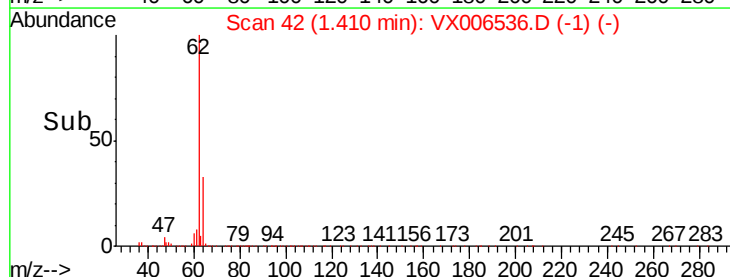
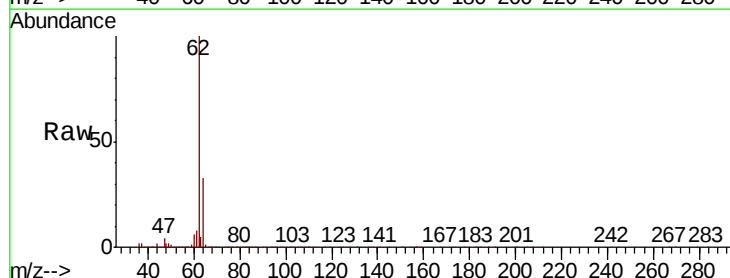
Instrument :
MSVOA_X
ClientSampleId :

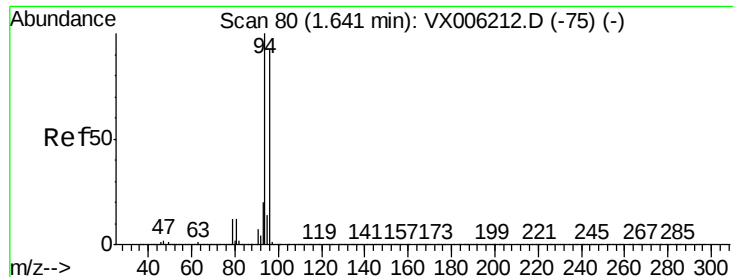
Tot Ion: 50 Resp: 259146
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 49.349 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 62 Resp: 275711
Ion Ratio Lower Upper
62 100
64 32.9 24.9 37.3





#5

Bromomethane

Concen: 74.384 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

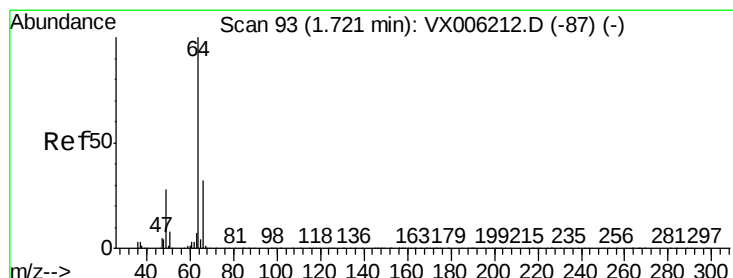
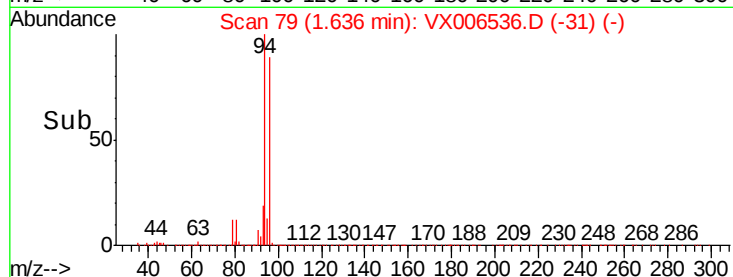
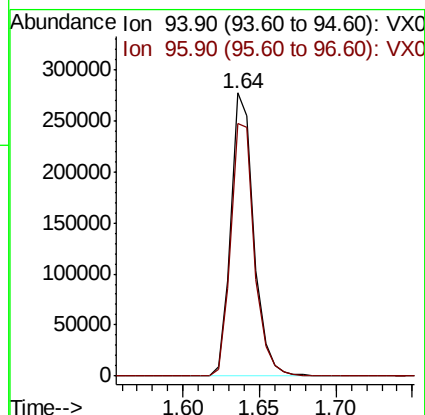
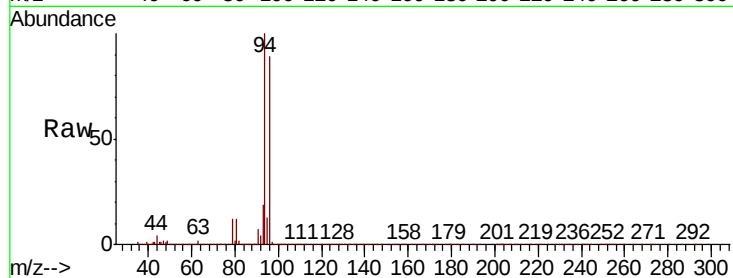
ClientSampleId :

Tot Ion: 94 Resp: 288013

Ion Ratio Lower Upper

94 100

96 89.4 74.5 111.7



#6

Chloroethane

Concen: 52.107 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006536.D

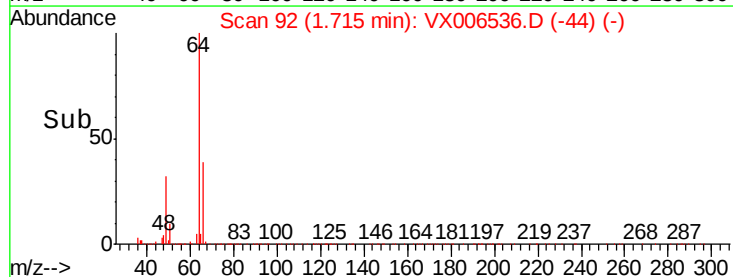
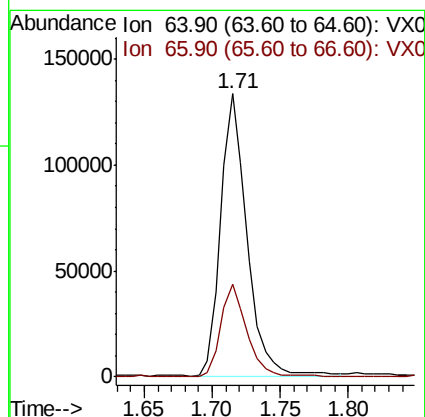
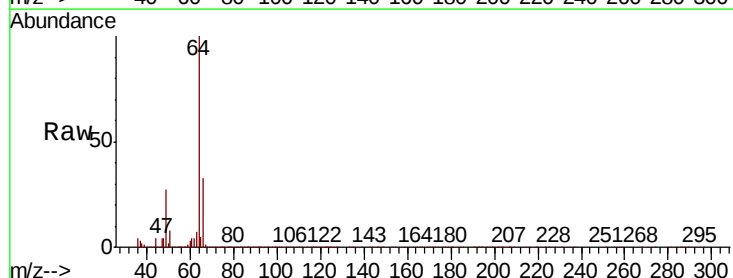
Acq: 15 Dec 2018 01:02

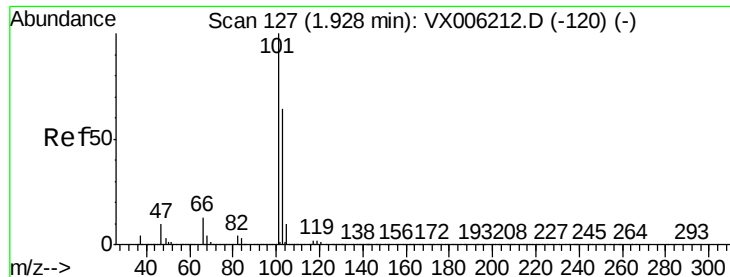
Tgt Ion: 64 Resp: 178498

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9



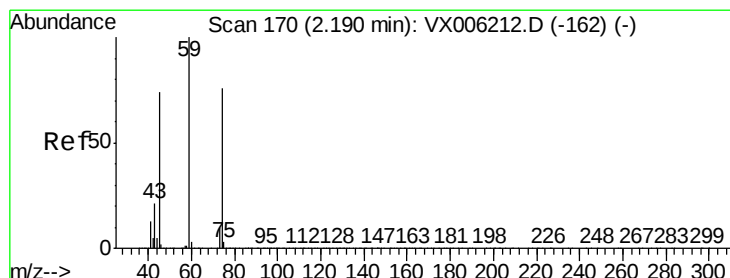
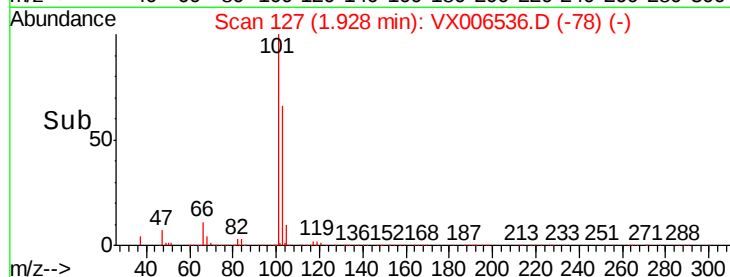
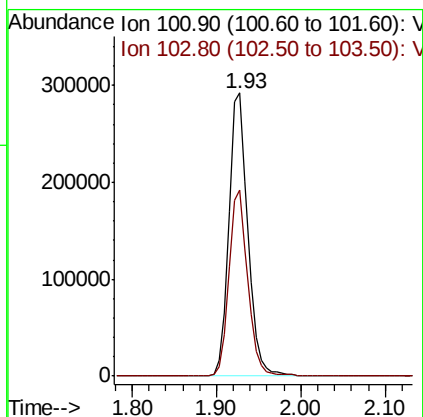
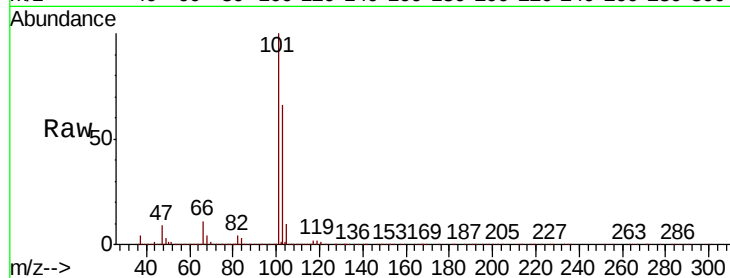


#7

Trichlorofluoromethane
Concen: 51.583 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

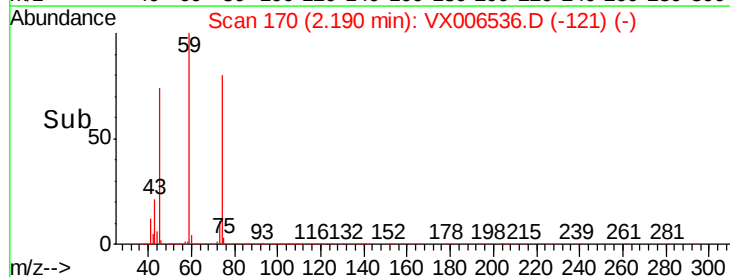
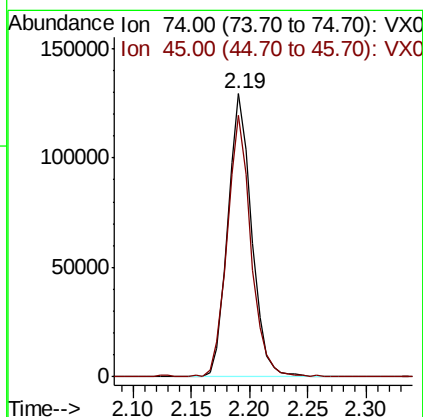
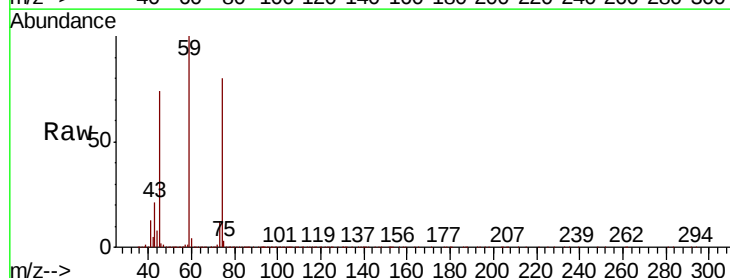
Tot Ion:101 Resp: 442387
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

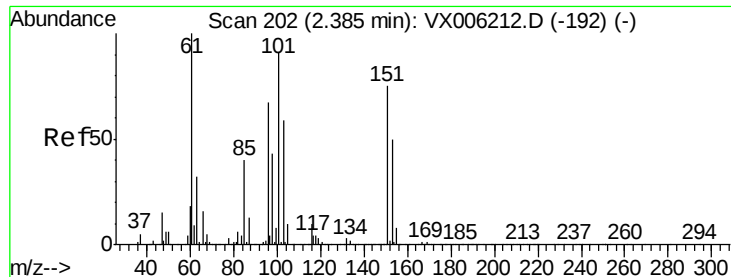


#8

Diethyl Ether
Concen: 56.850 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 74 Resp: 184522
Ion Ratio Lower Upper
74 100
45 91.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.592 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

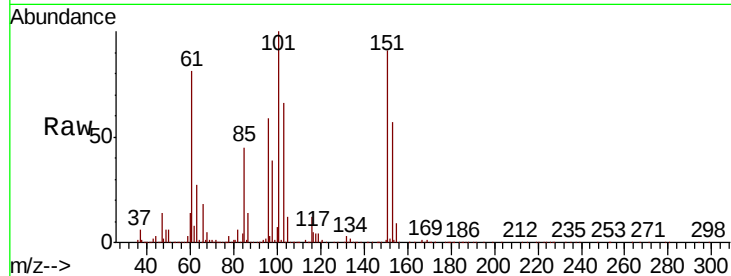
Tot Ion:101 Resp: 261346

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

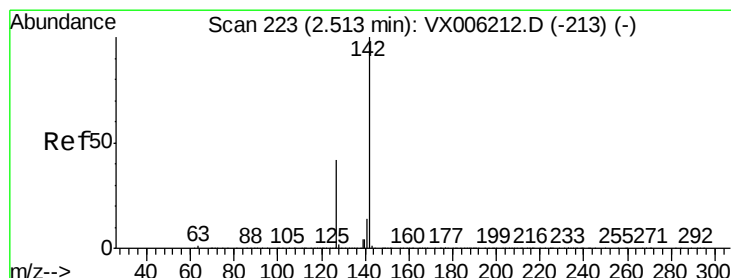
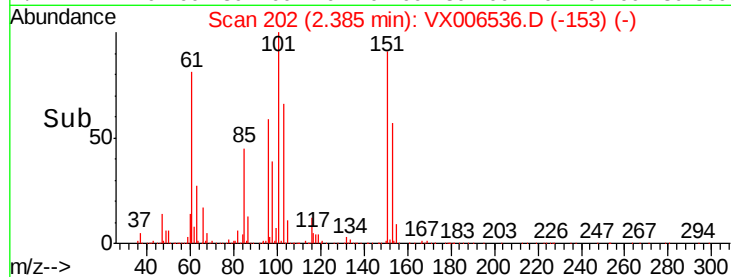
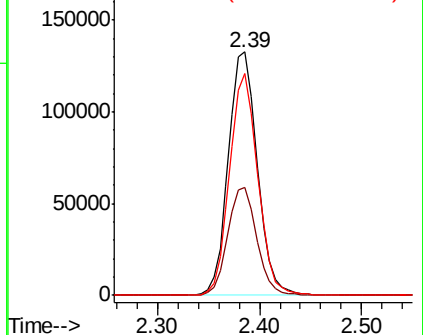
151 88.6 68.6 103.0



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: 58.220 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

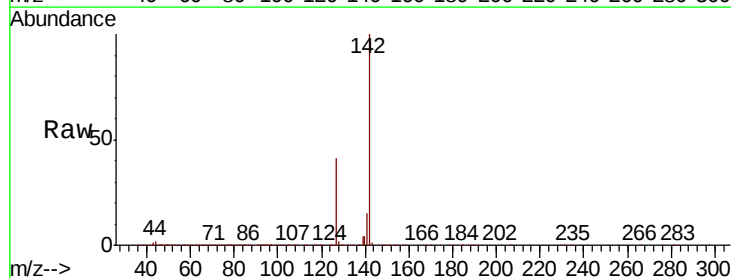
Tgt Ion:142 Resp: 427871

Ion Ratio Lower Upper

142 100

127 41.5 34.8 52.2

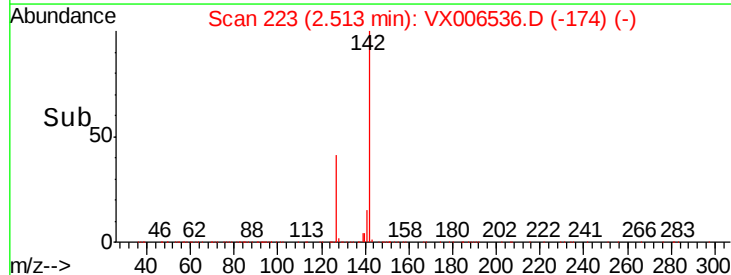
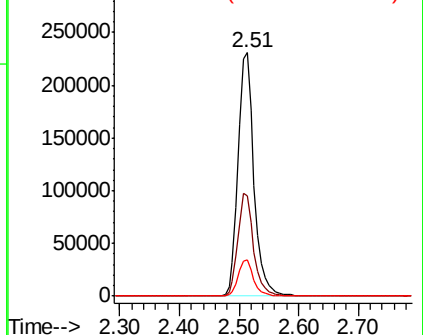
141 14.3 11.4 17.2

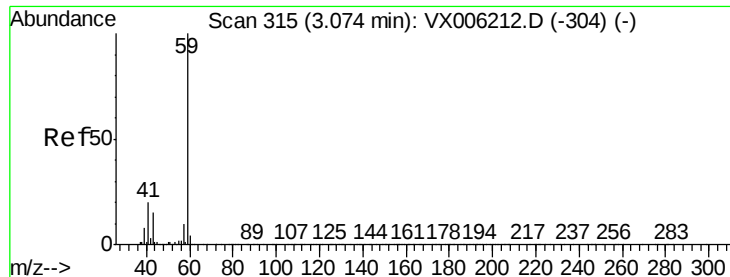


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



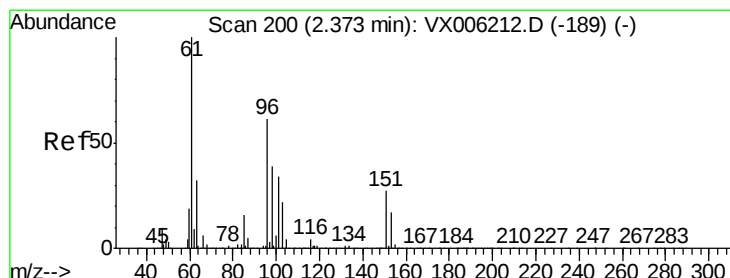
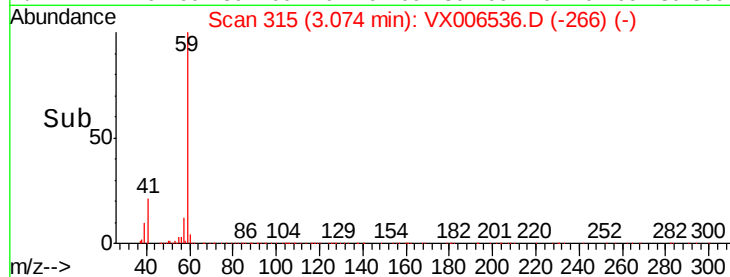
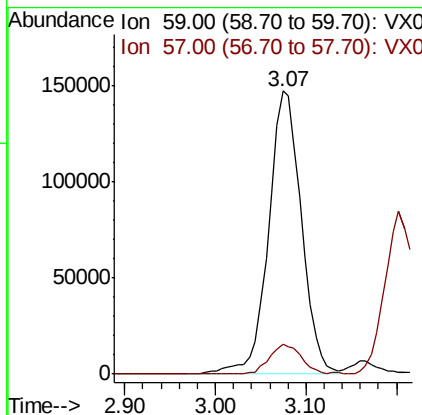
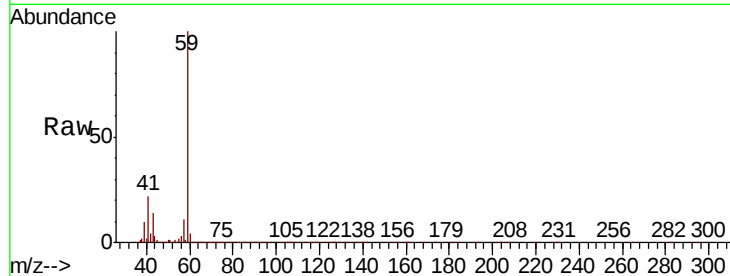


#11

Tert butyl alcohol
Concen: 254.934 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

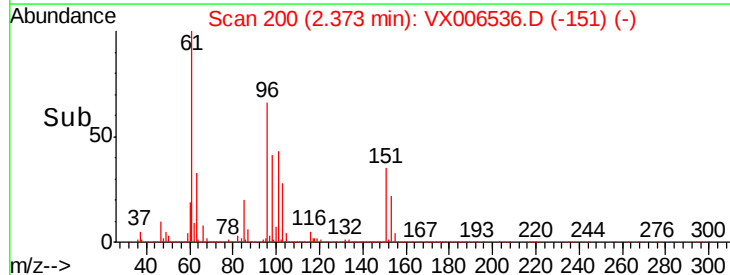
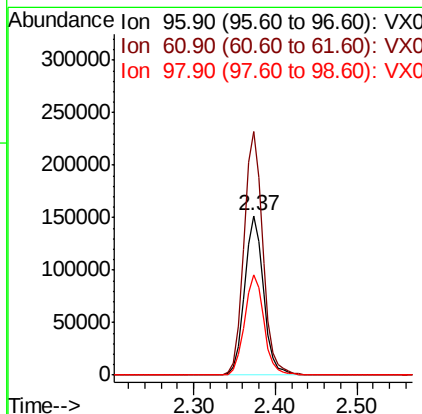
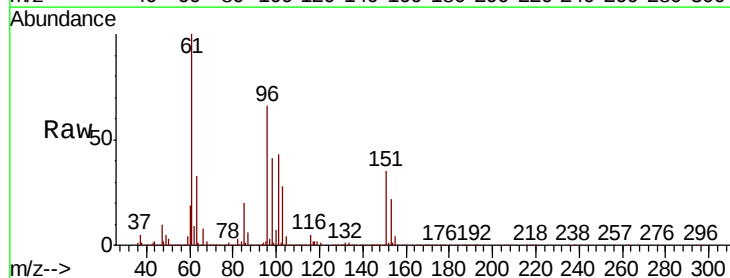
Tot Ion: 59 Resp: 367185
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

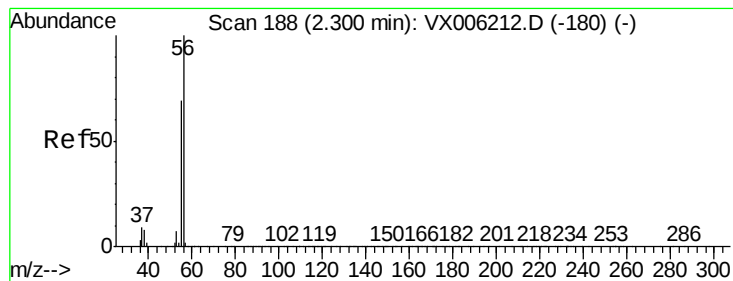


#12

1,1-Dichloroethene
Concen: 52.097 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 96 Resp: 243207
Ion Ratio Lower Upper
96 100
61 152.3 131.7 197.5
98 63.0 51.8 77.6





#13

Acrolein

Concen: 285.058 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

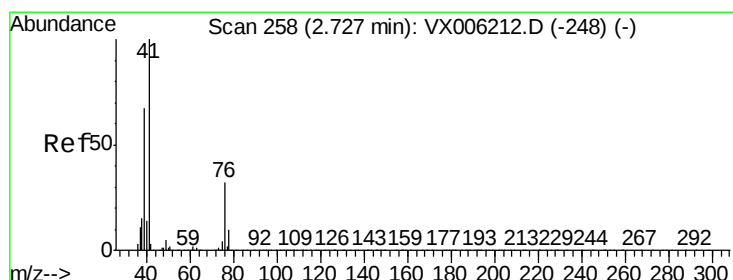
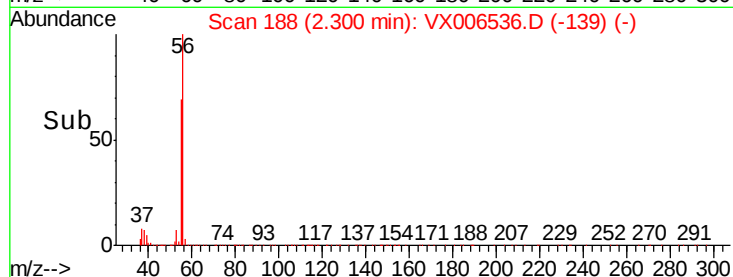
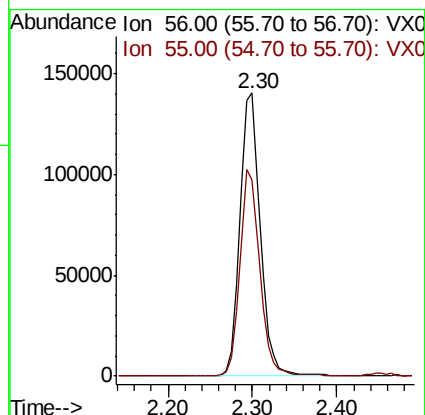
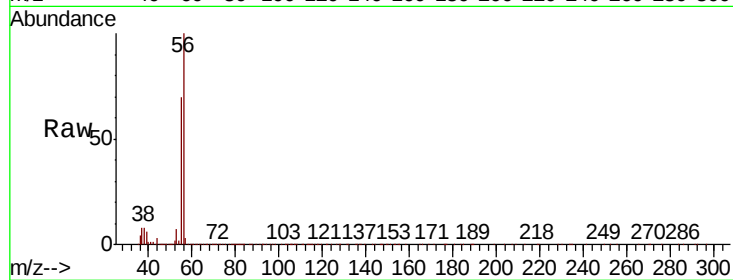
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 224405

Ion Ratio Lower Upper

56 100

55 71.2 57.8 86.6



#14

Allyl chloride

Concen: 45.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

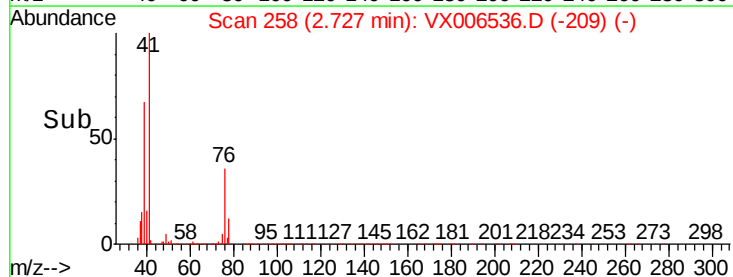
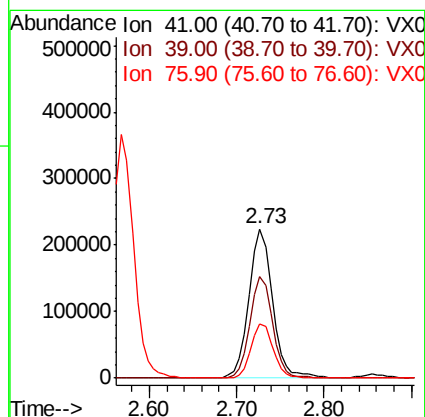
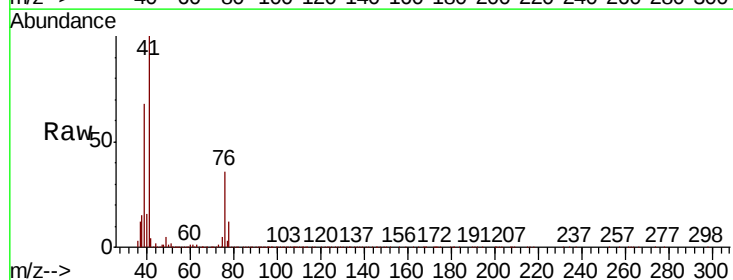
Tgt Ion: 41 Resp: 417396

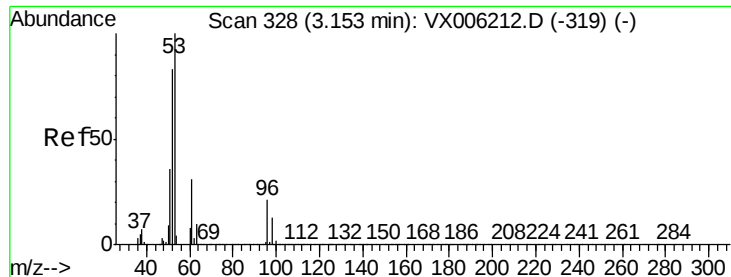
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 34.1 25.4 38.0





#15

Acrylonitrile

Concen: 272.849 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampled :

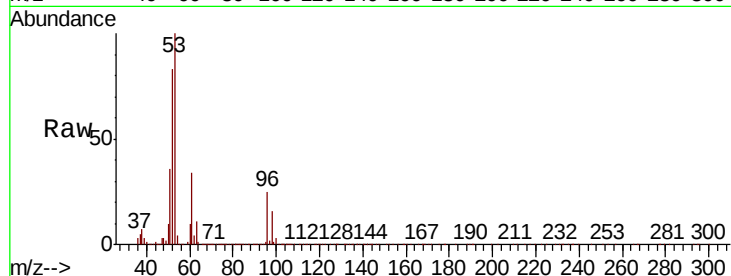
Tot Ion: 53 Resp: 820072

Ion Ratio Lower Upper

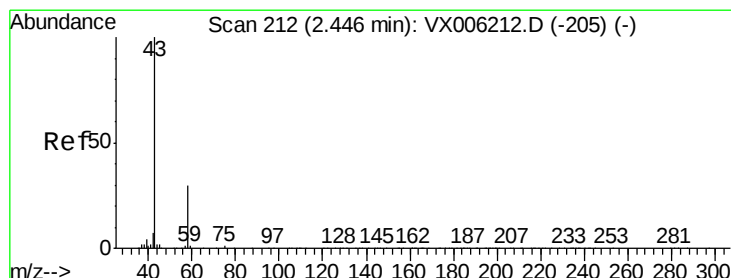
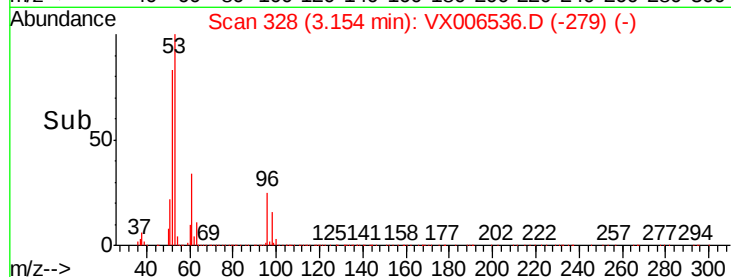
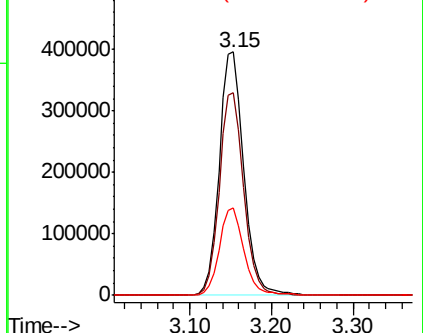
53 100

52 82.7 66.2 99.4

51 35.8 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: 269.150 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006536.D

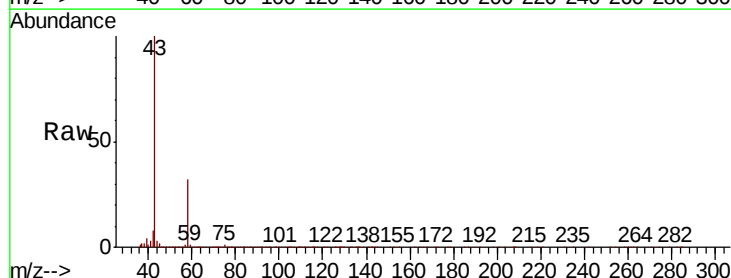
Acq: 15 Dec 2018 01:02

Tgt Ion: 43 Resp: 665236

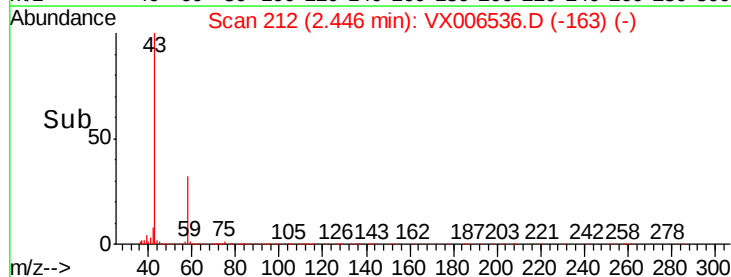
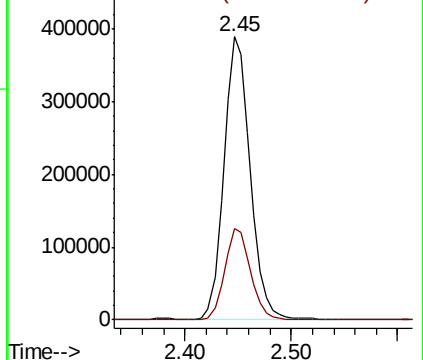
Ion Ratio Lower Upper

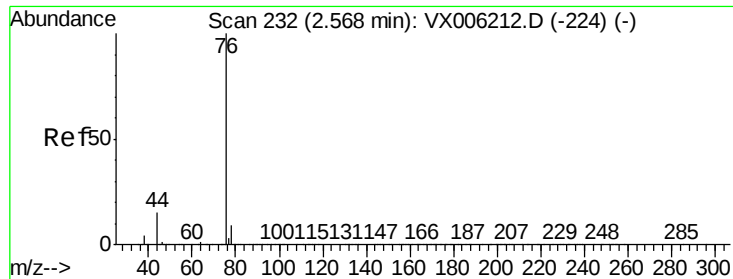
43 100

58 32.3 24.0 36.0



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

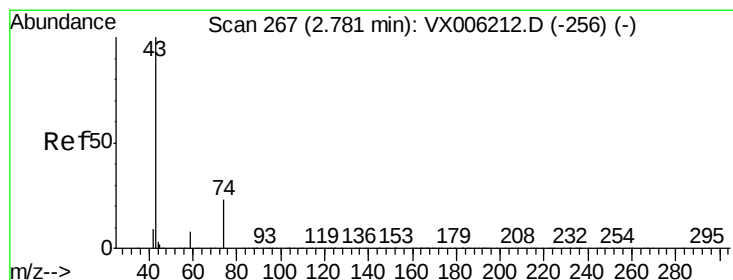
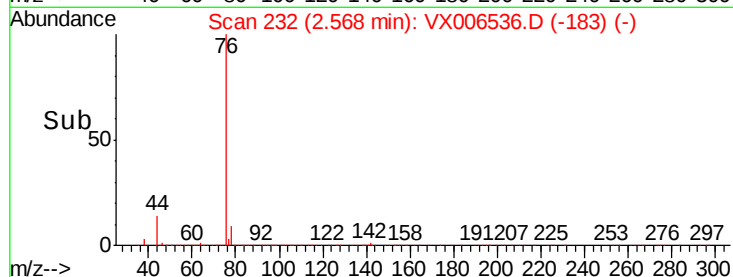
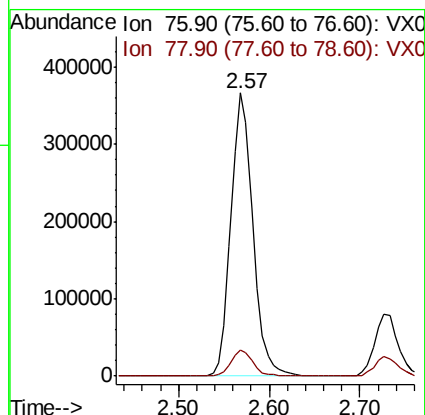
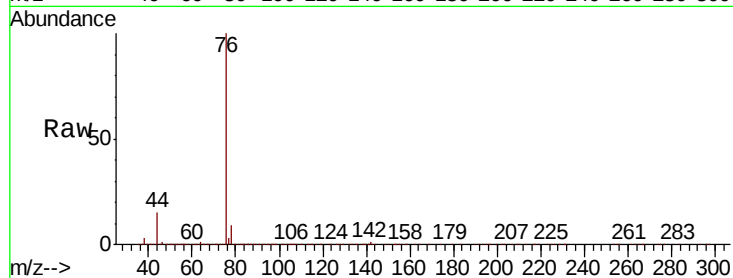




#17
Carbon Disulfide
Concen: 42.881 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

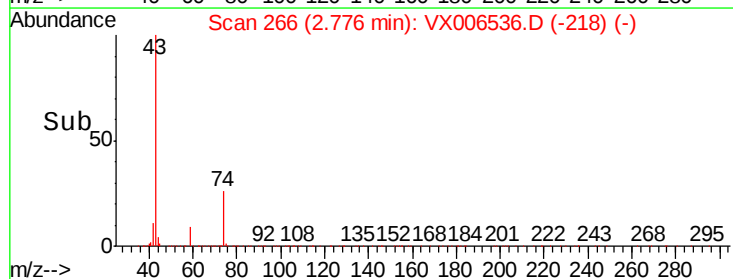
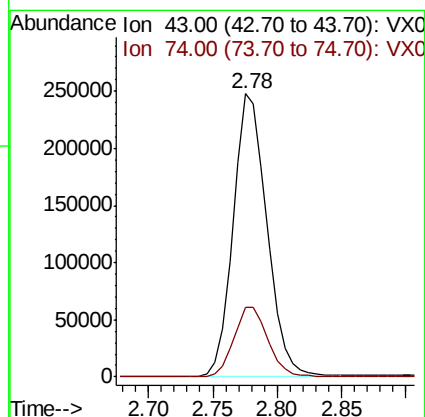
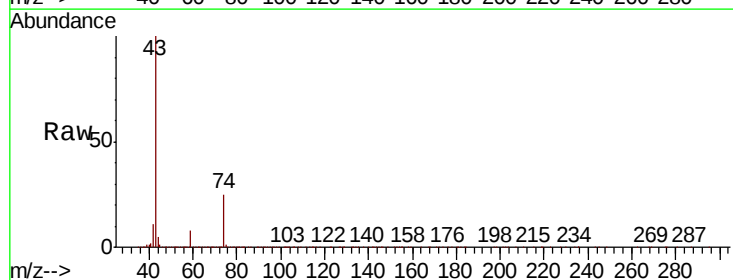
Instrument :
MSVOA_X
ClientSampleId :

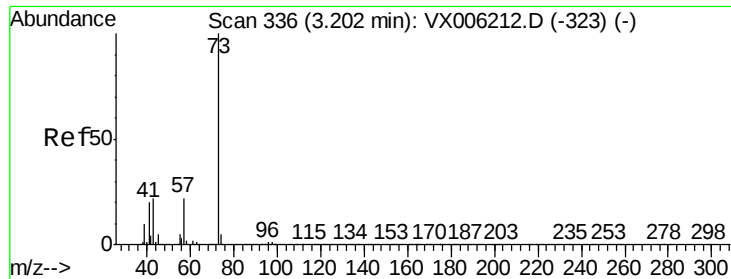
Tot Ion: 76 Resp: 616856
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 54.379 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 43 Resp: 449472
Ion Ratio Lower Upper
43 100
74 24.5 17.9 26.9

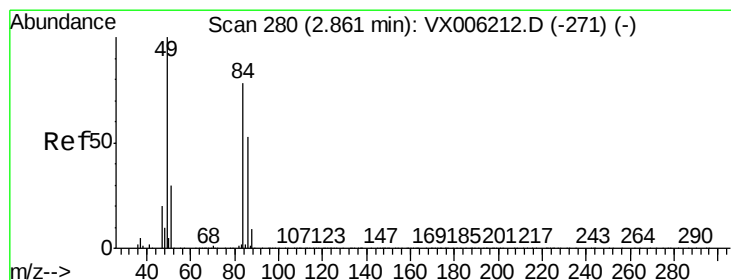
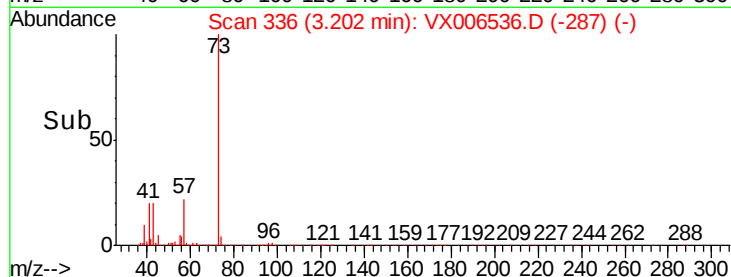
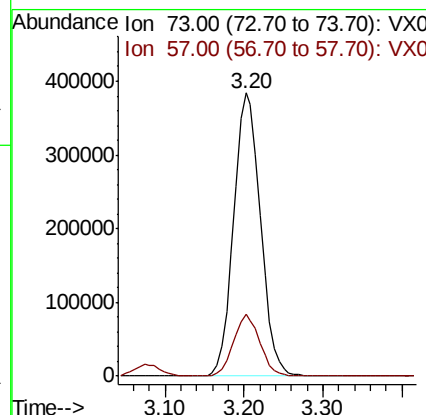
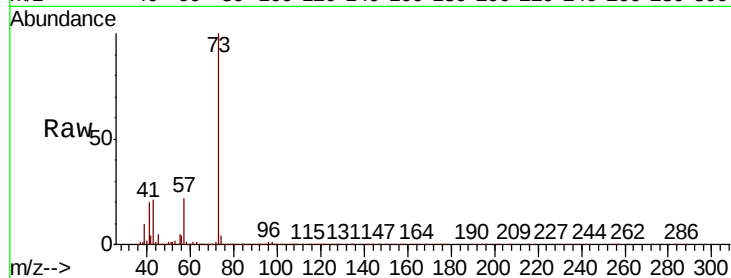




#19
Methyl tert-butyl Ether
Concen: 54.558 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

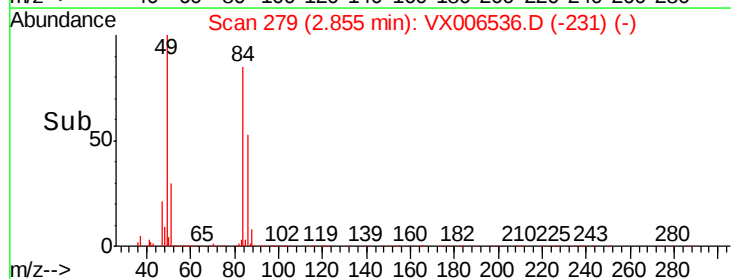
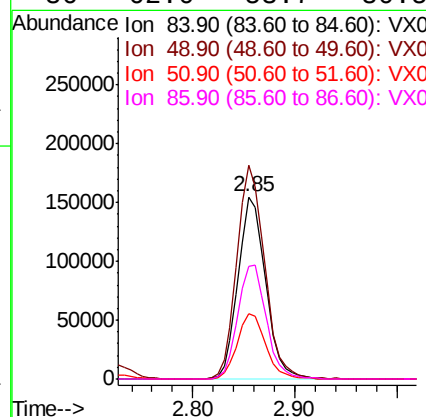
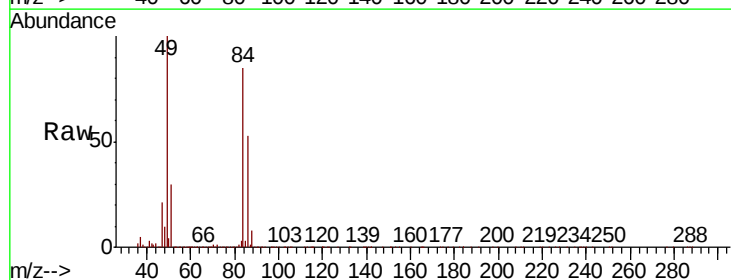
Instrument :
MSVOA_X
ClientSampleId :

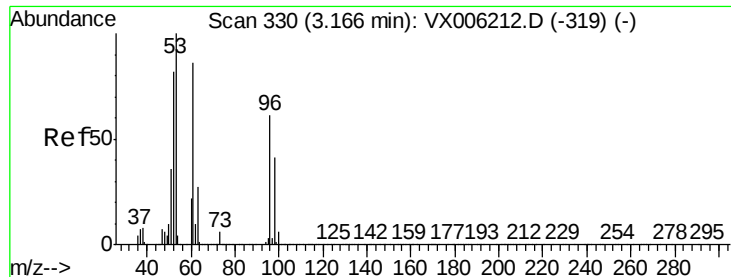
Tot Ion: 73 Resp: 908589
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 55.069 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 84 Resp: 289676
Ion Ratio Lower Upper
84 100
49 117.2 102.2 153.4
51 35.6 31.1 46.7
86 62.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 53.209 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

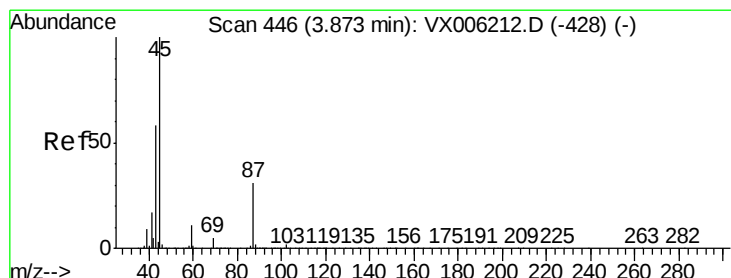
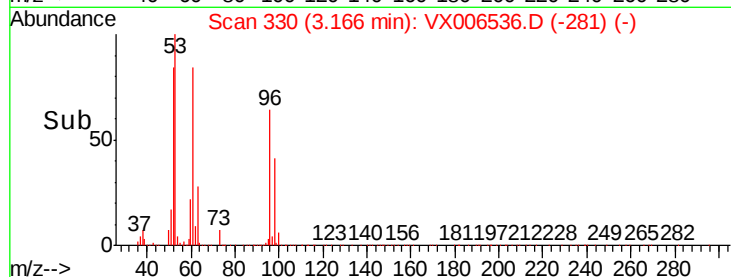
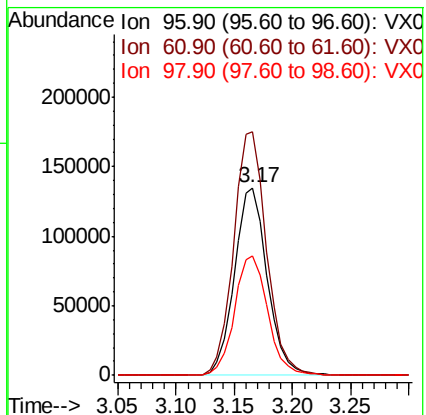
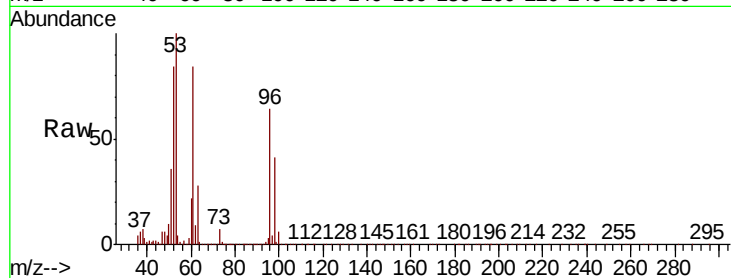
Tot Ion: 96 Resp: 264708

Ion Ratio Lower Upper

96 100

61 129.8 113.3 169.9

98 63.6 53.2 79.8



#22

Diisopropyl ether

Concen: 56.466 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion: 45 Resp: 813343

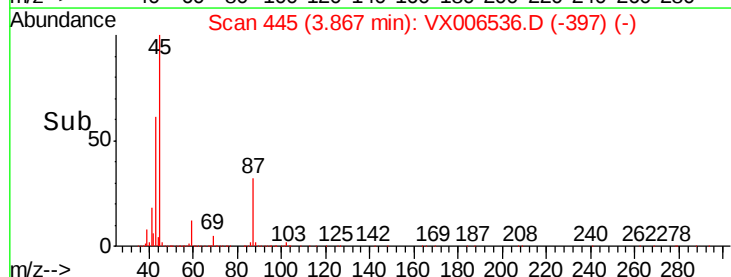
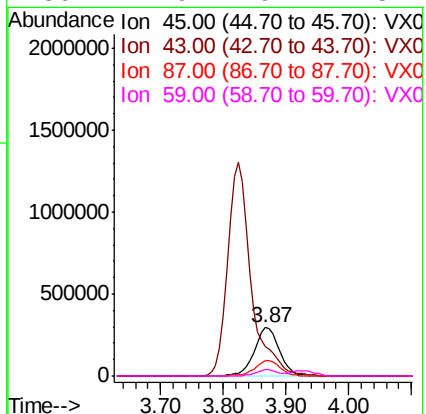
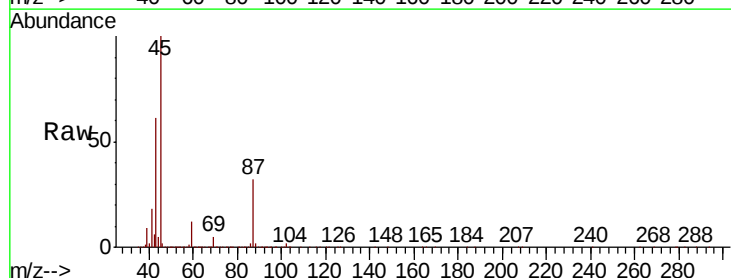
Ion Ratio Lower Upper

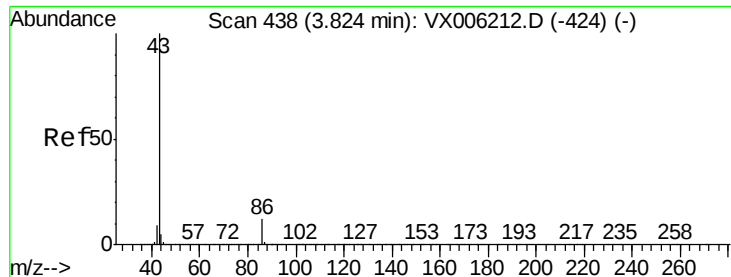
45 100

43 61.4 46.2 69.2

87 32.0 24.9 37.3

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 274.181 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

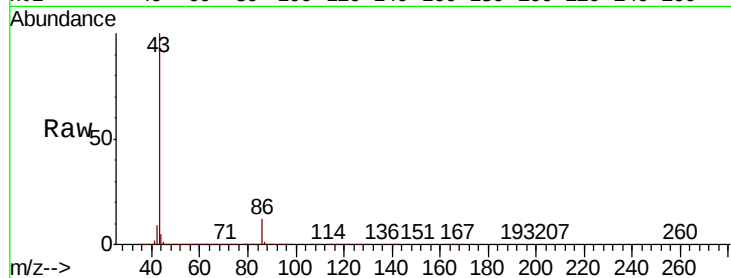
ClientSampled :

Tot Ion: 43 Resp: 3368439

Ion Ratio Lower Upper

43 100

86 12.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

1500000 Ion 86.00 (85.70 to 86.70): VX0

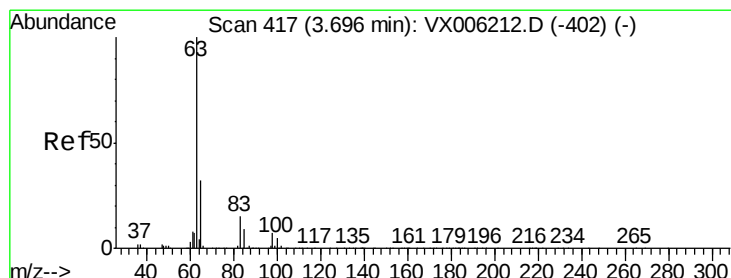
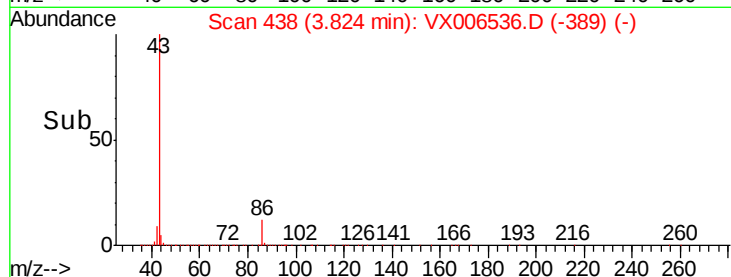
3.82

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.520 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

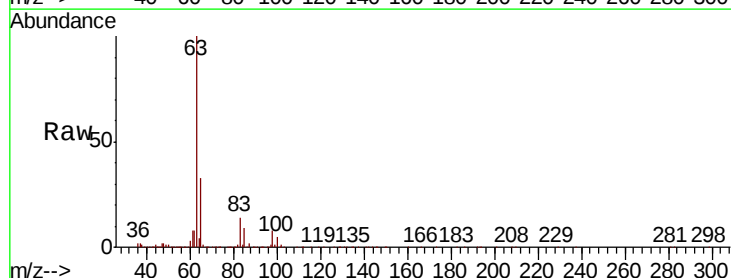
Tgt Ion: 63 Resp: 448863

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

250000 Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

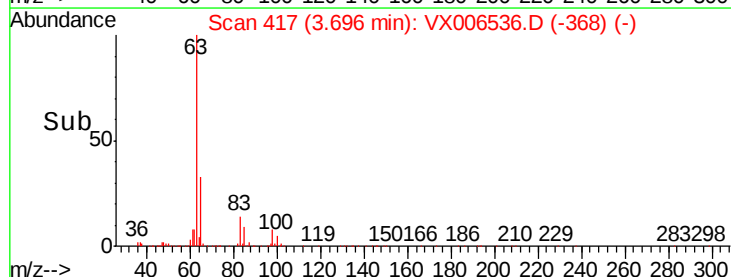
150000

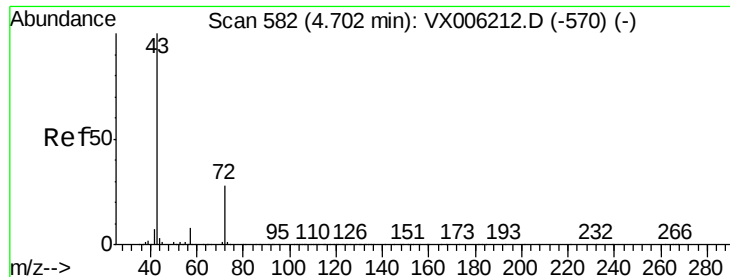
100000

50000

0

Time-->





#25

2-Butanone

Concen: 284.597 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

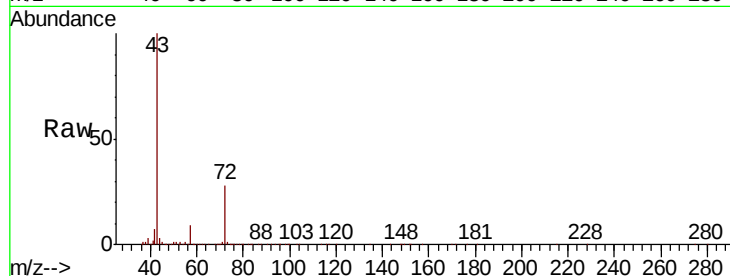
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1003672

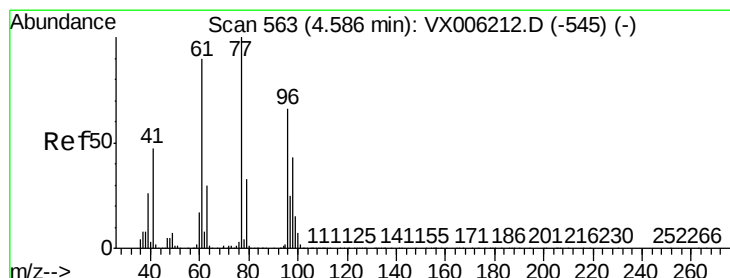
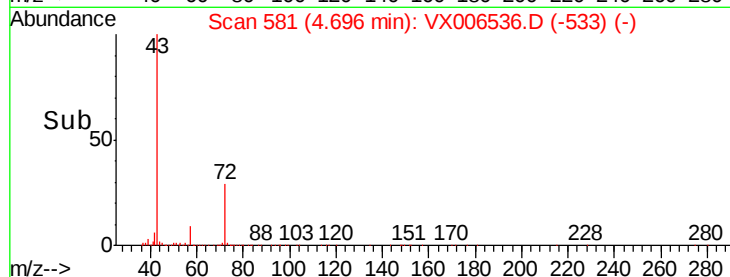
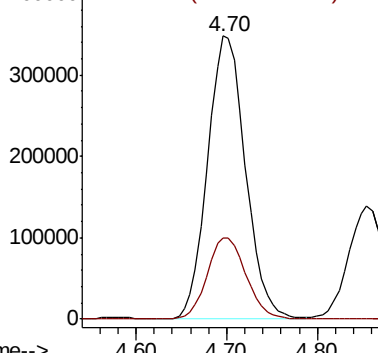
Ion Ratio Lower Upper

43 100

72 28.4 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.561 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006536.D

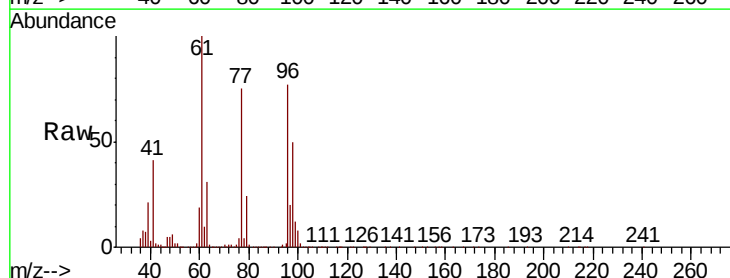
Acq: 15 Dec 2018 01:02

Tgt Ion: 77 Resp: 300590

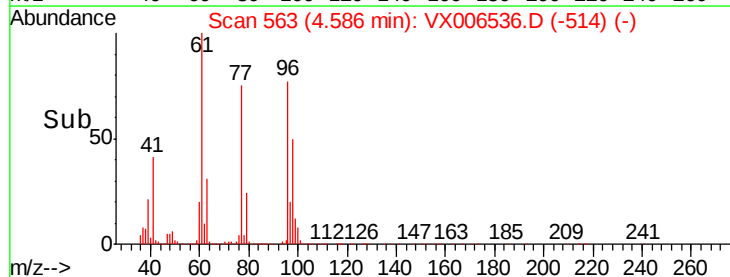
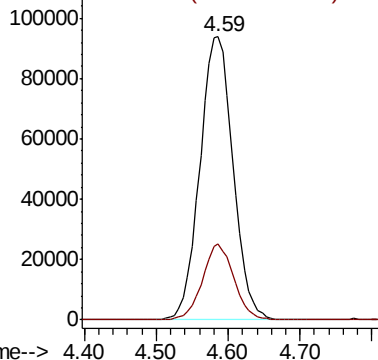
Ion Ratio Lower Upper

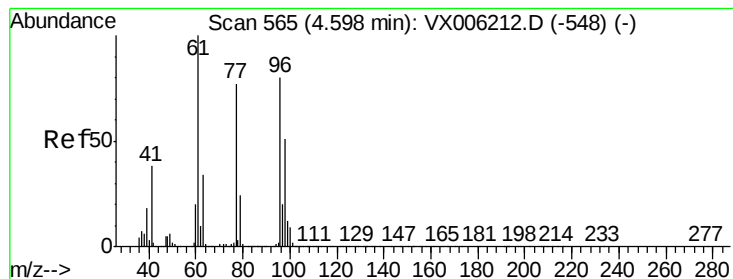
77 100

97 25.5 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



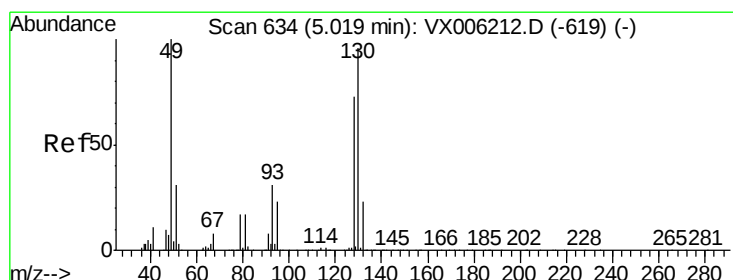
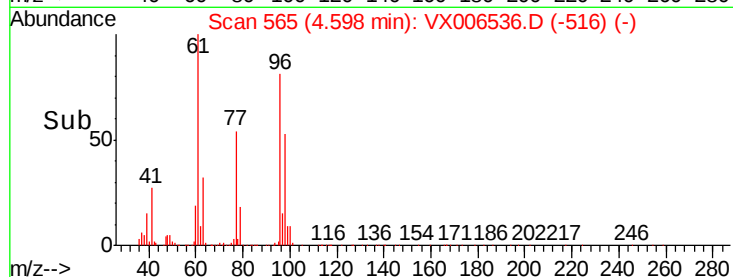
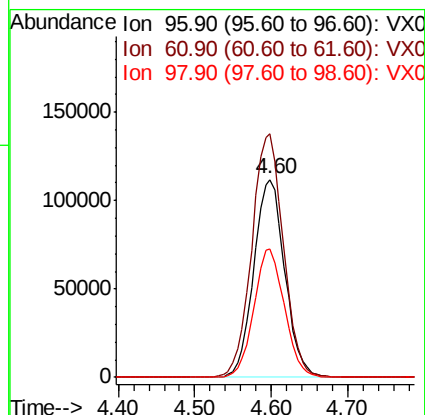
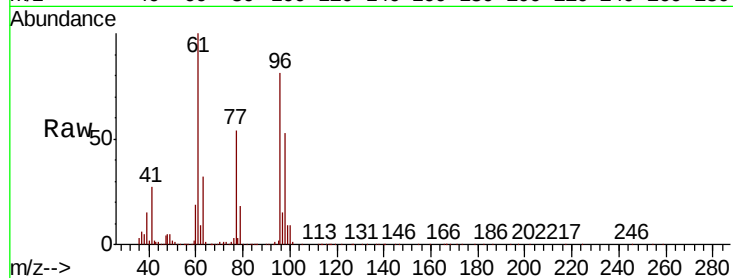


#27

cis-1,2-Dichloroethene
Concen: 57.107 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

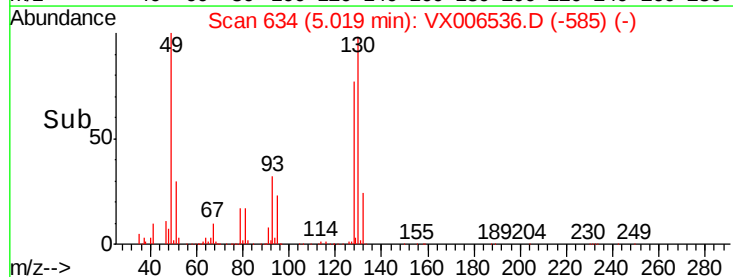
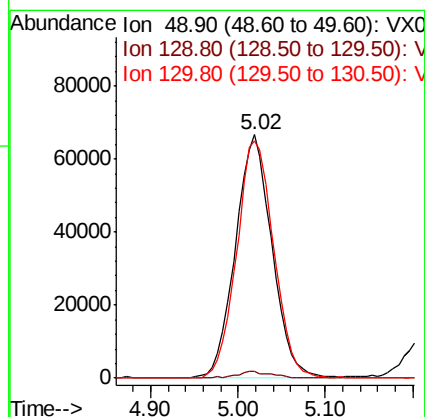
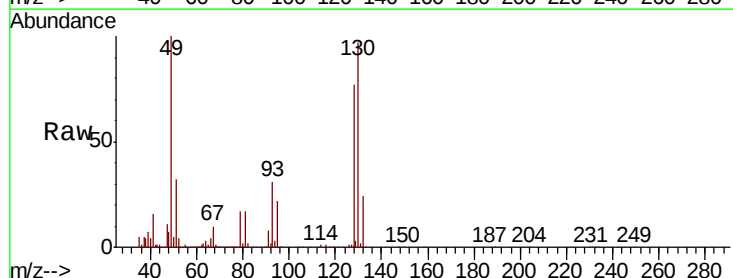
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	265.0
98	63.9	0.0	130.2

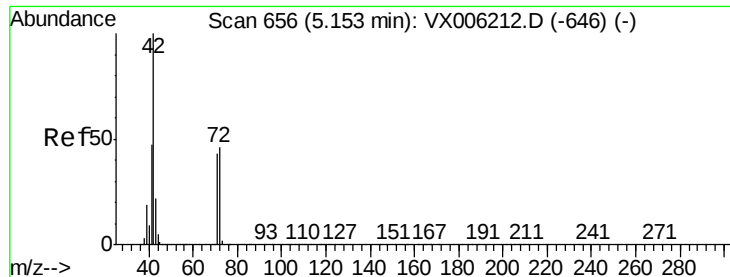


#28

Bromochloromethane
Concen: 53.699 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	99.0	78.3	117.5





#29

Tetrahydrofuran

Concen: 281.126 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

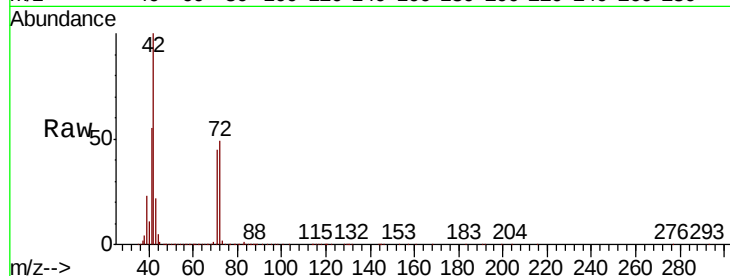
Tot Ion: 42 Resp: 689044

Ion Ratio Lower Upper

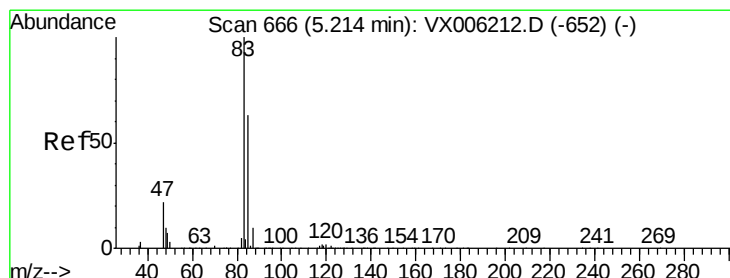
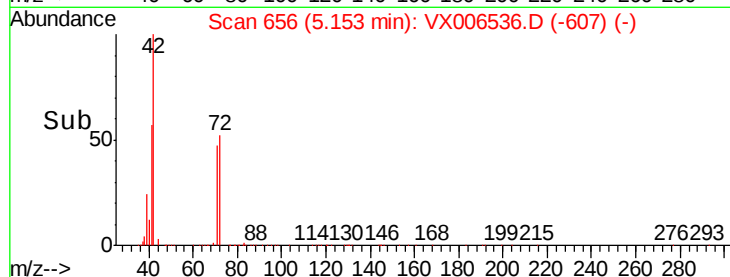
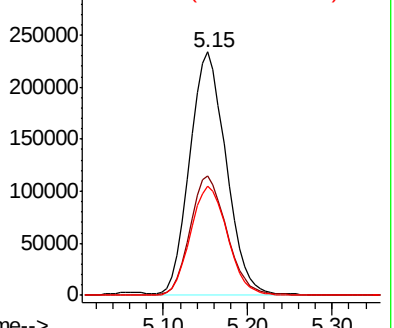
42 100

72 49.7 37.8 56.8

71 45.8 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: 57.439 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006536.D

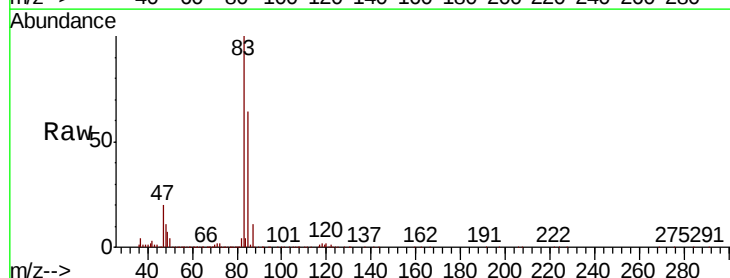
Acq: 15 Dec 2018 01:02

Tgt Ion: 83 Resp: 496955

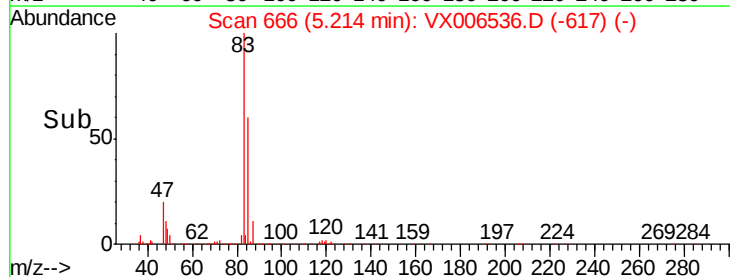
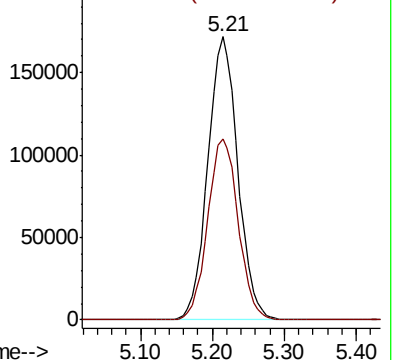
Ion Ratio Lower Upper

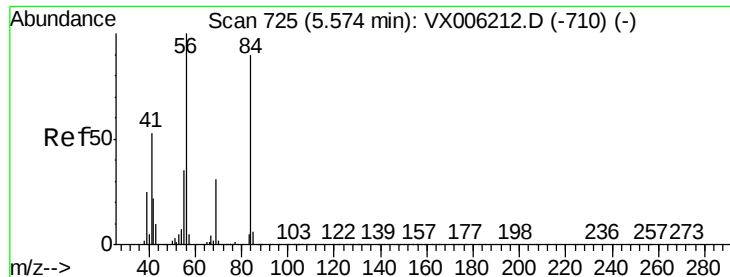
83 100

85 63.9 50.3 75.5



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

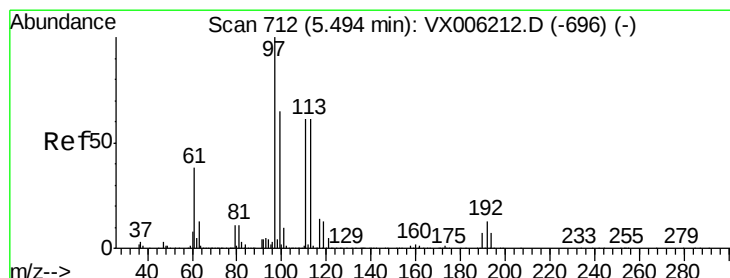
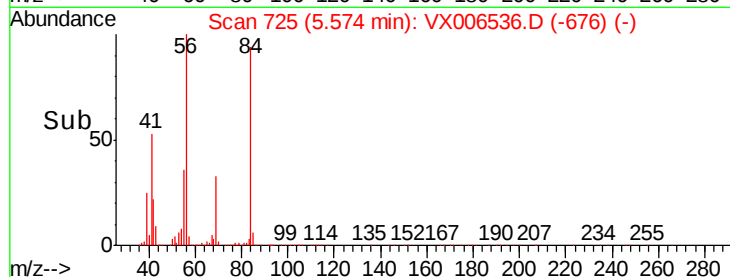
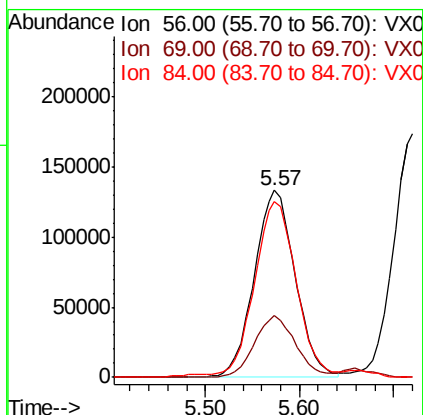
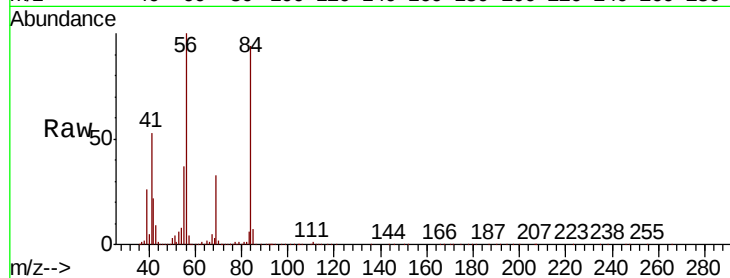




#31
Cyclohexane
Concen: 53.251 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

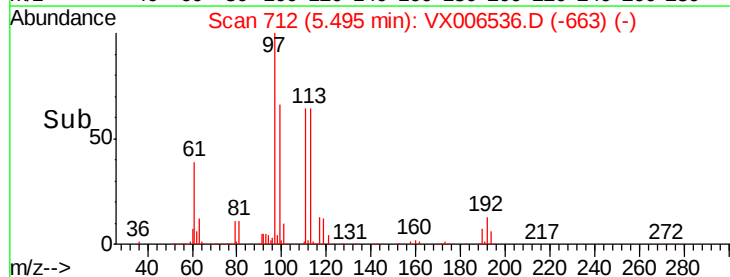
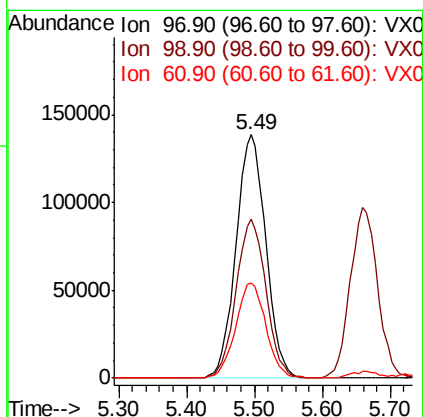
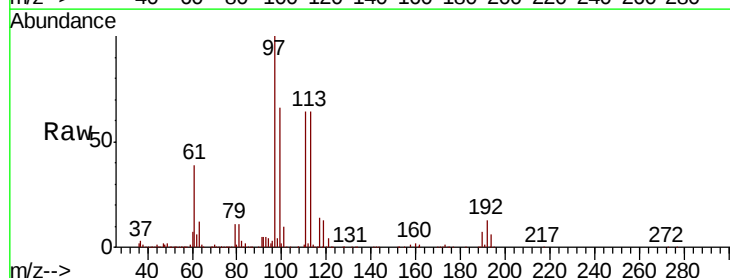
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 405164
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 92.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.249 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 97 Resp: 421880
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 39.7 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 55.354 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

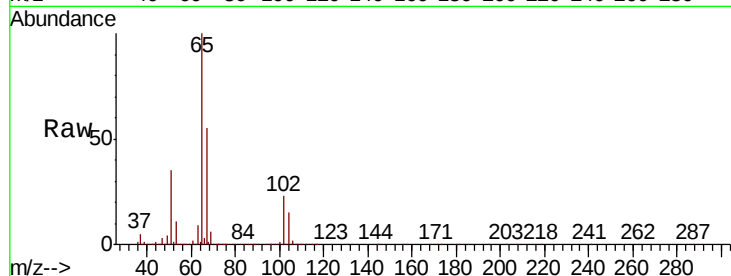
ClientSampleId :

Tot Ion: 65 Resp: 291532

Ion Ratio Lower Upper

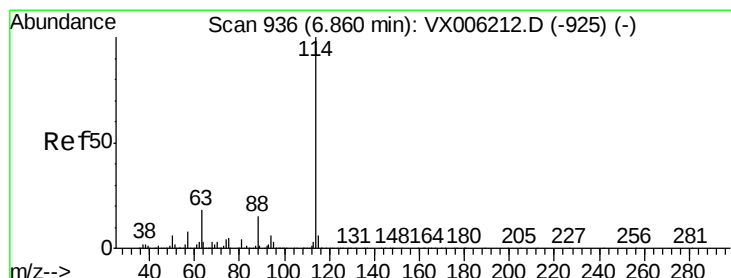
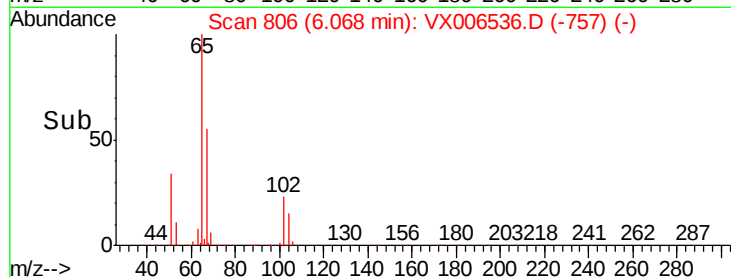
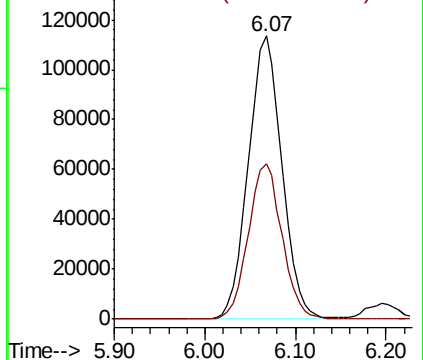
65 100

67 54.9 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: VX006536.D

Acq: 15 Dec 2018 01:02

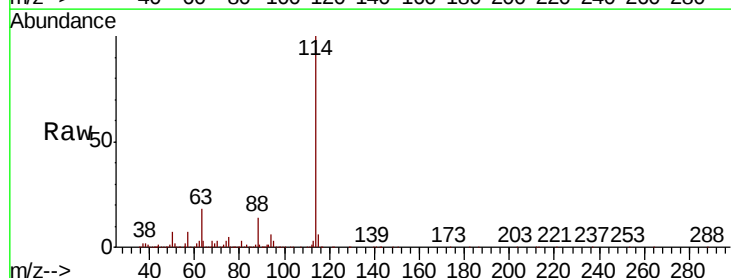
Tgt Ion: 114 Resp: 816721

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

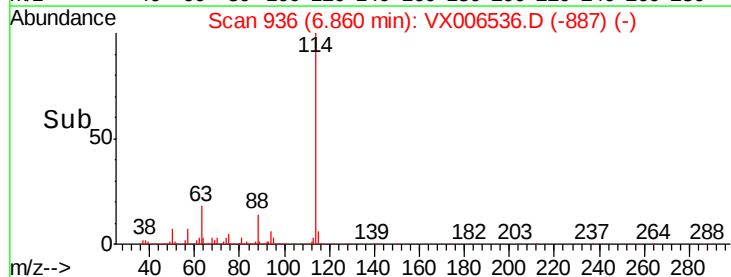
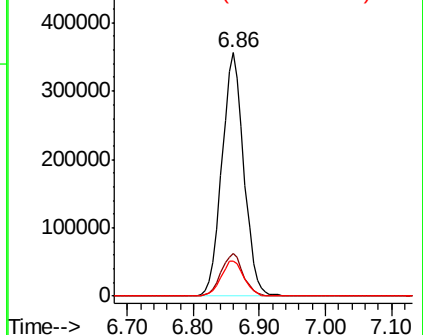
88 14.2 0.0 29.0



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: 50.457 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

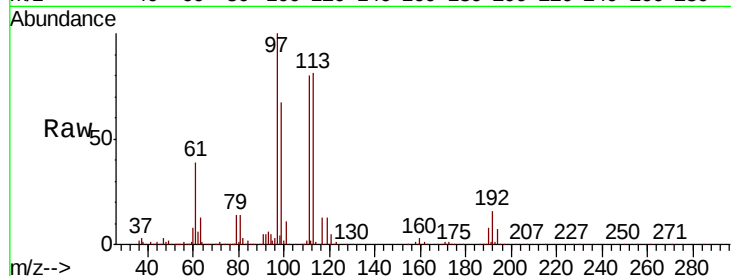
Tot Ion:113 Resp: 266815

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

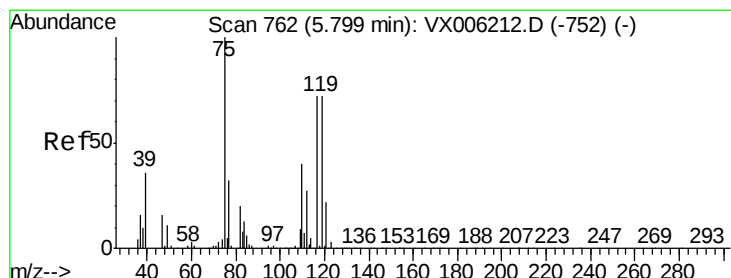
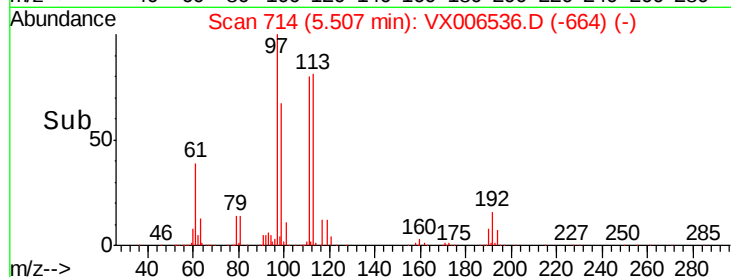
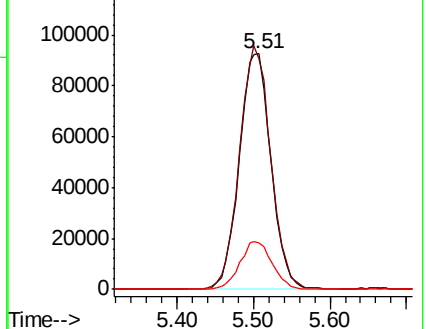
192 20.7 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.414 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

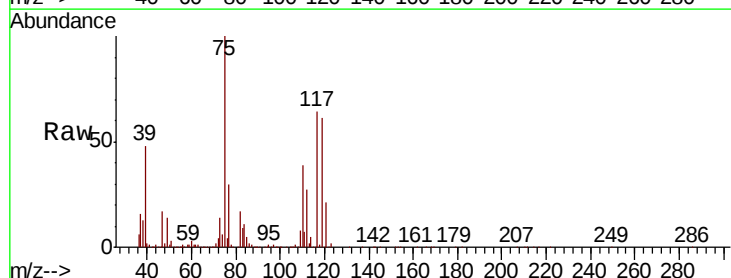
Tgt Ion: 75 Resp: 353603

Ion Ratio Lower Upper

75 100

110 40.7 20.4 61.3

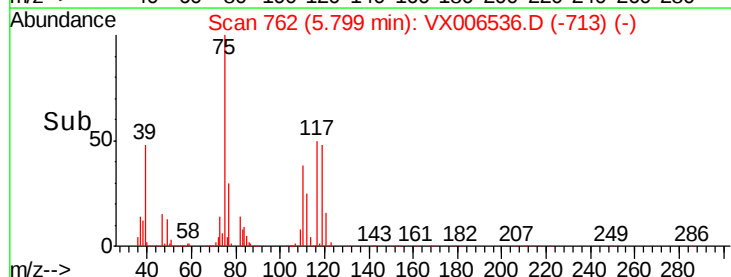
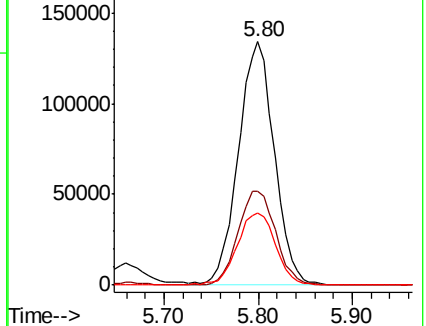
77 31.9 24.9 37.3

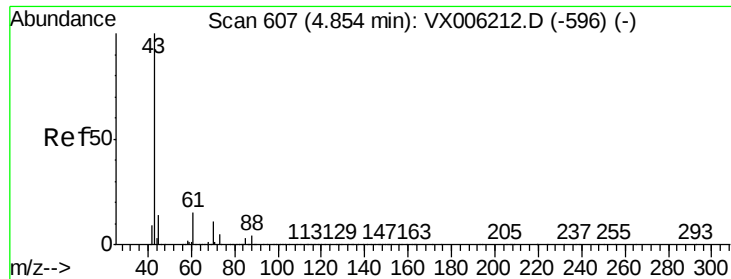


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

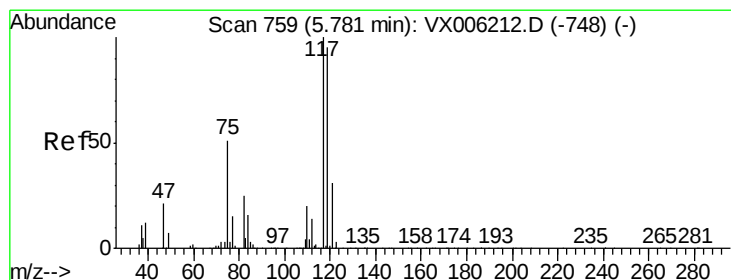
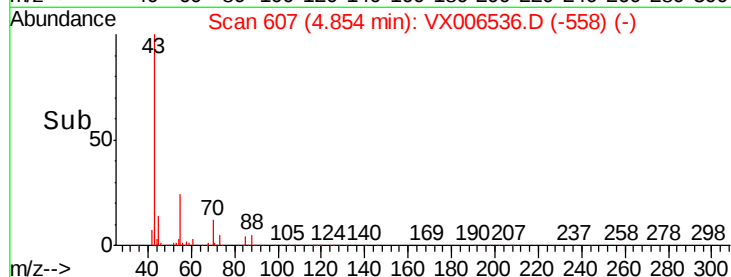
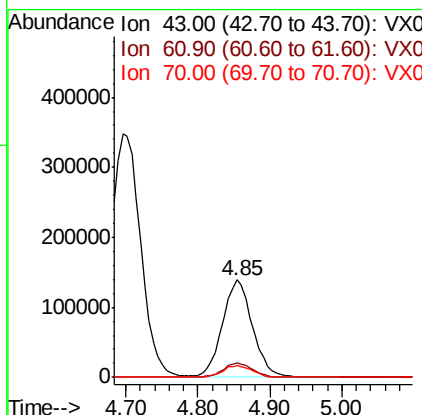
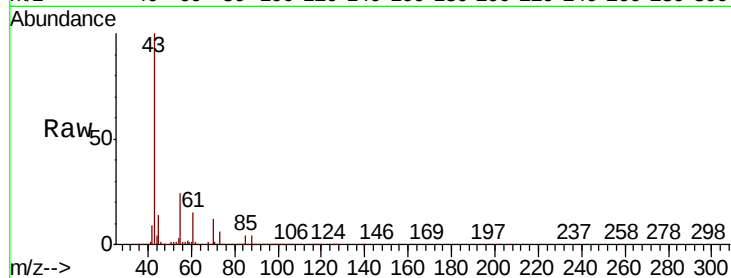




#37
Ethyl Acetate
Concen: 52.116 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

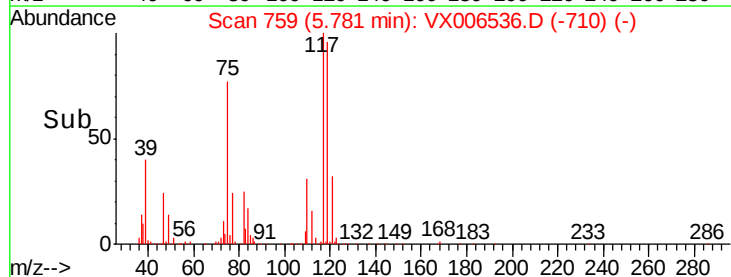
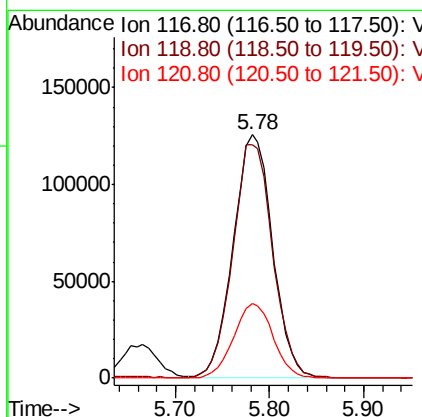
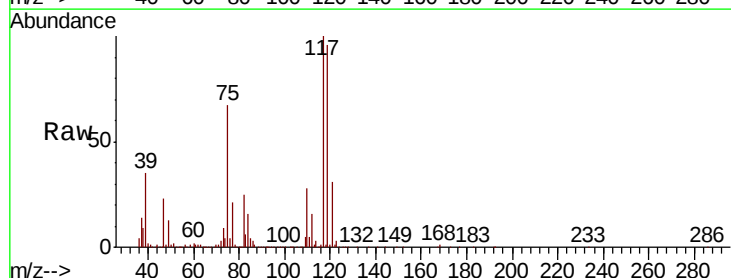
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	12.1	9.0	13.6



#38
Carbon Tetrachloride
Concen: 45.292 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
121	30.9	24.6	37.0

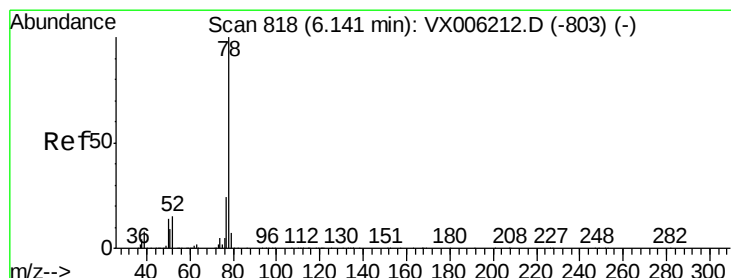
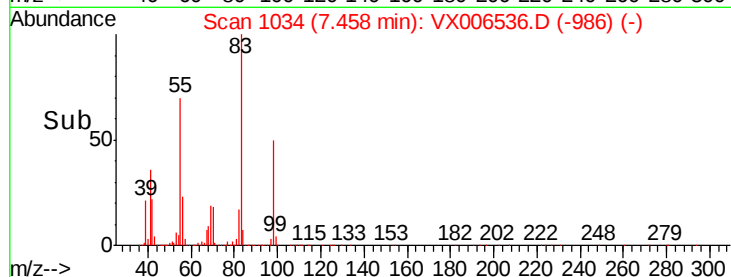
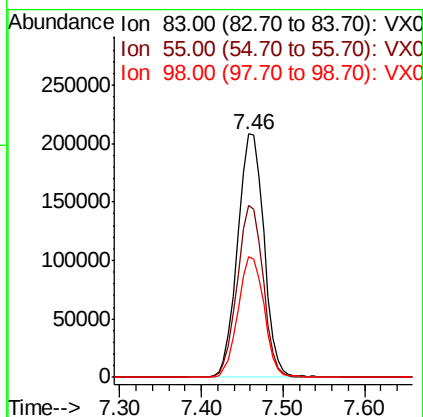
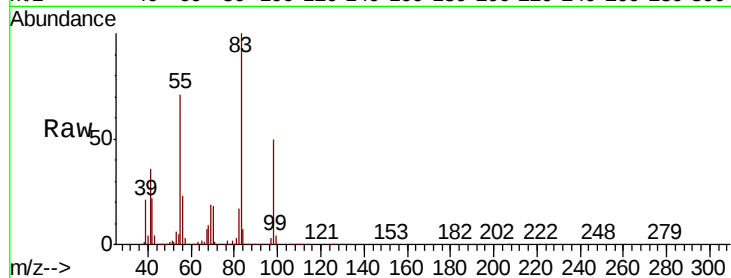




#39
Methvlcvclohexane
Concen: 52.223 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

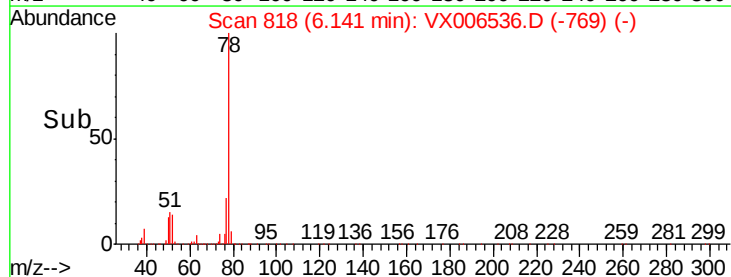
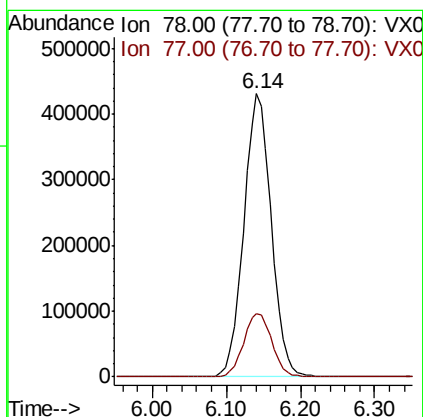
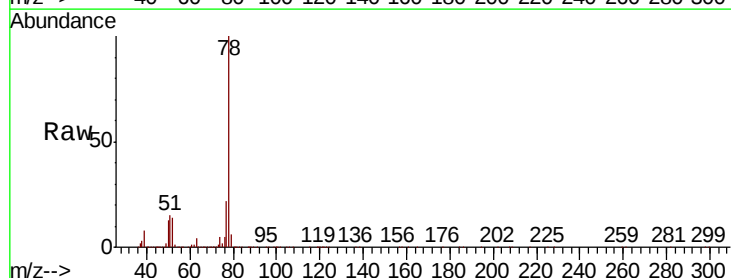
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83	Resp	466220
Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.4	84.6
98	49.6	39.0	58.6



#40
Benzene
Concen: 53.981 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	78	Resp	1111949
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.2	28.8





#41

Methacrylonitrile

Concen: 52.074 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 220695

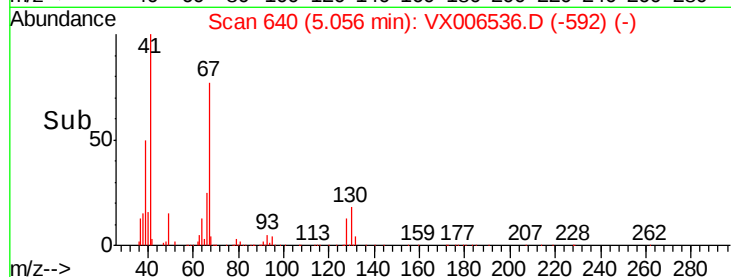
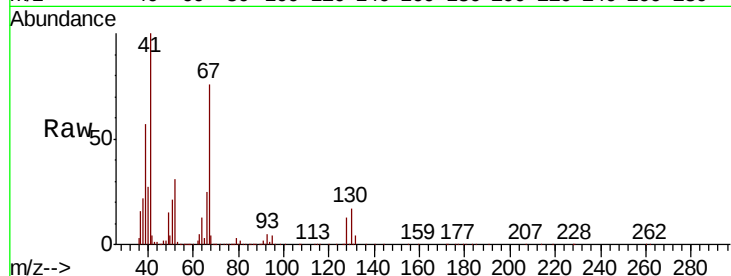
Ion Ratio Lower Upper

41 100

39 55.4 44.0 66.0

67 76.6 61.4 92.0

52 30.0 23.5 35.3

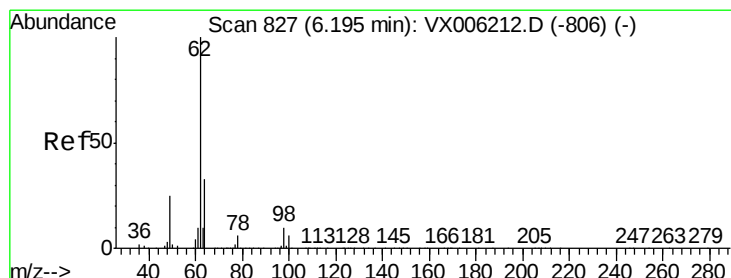
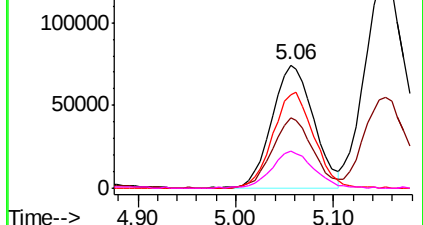


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 57.188 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006536.D

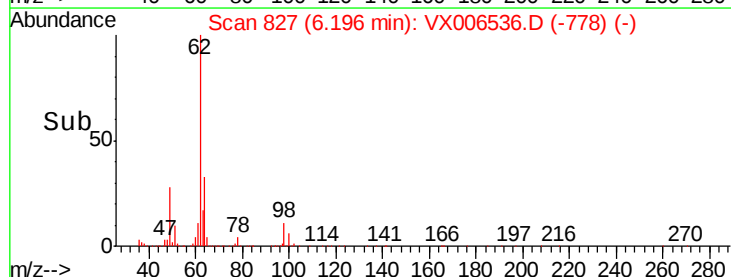
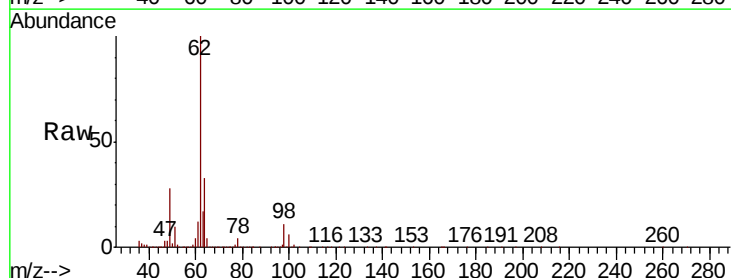
Acq: 15 Dec 2018 01:02

Tgt Ion: 62 Resp: 385545

Ion Ratio Lower Upper

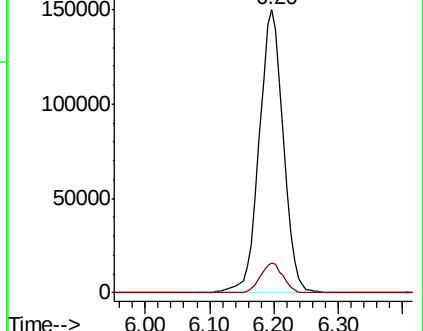
62 100

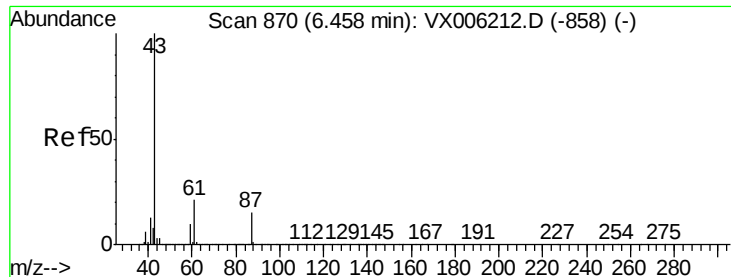
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



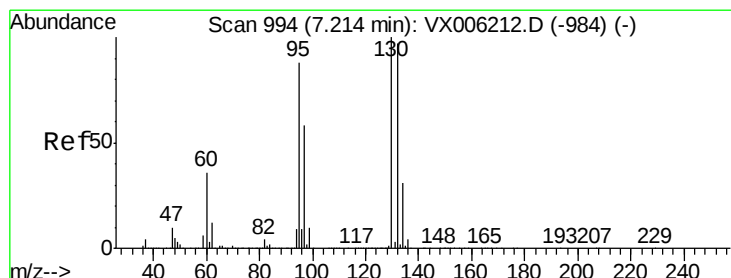
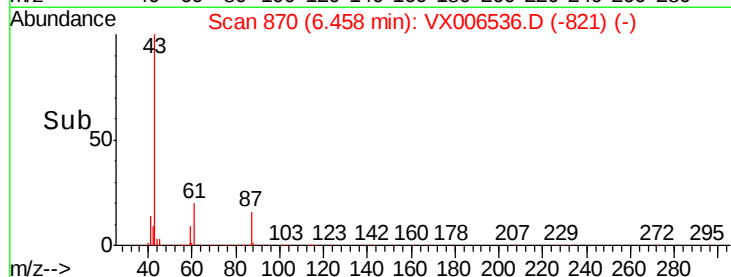
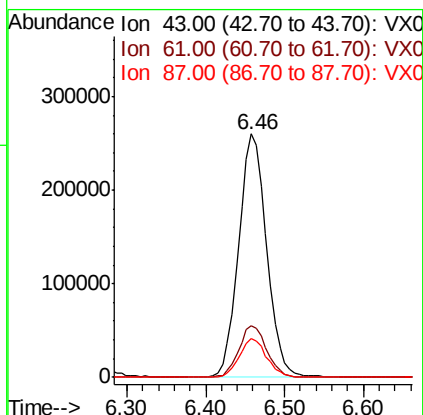
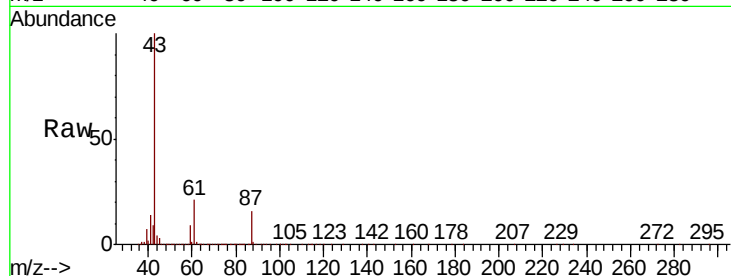


#43

Isopropyl Acetate
 Concen: 49.692 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :

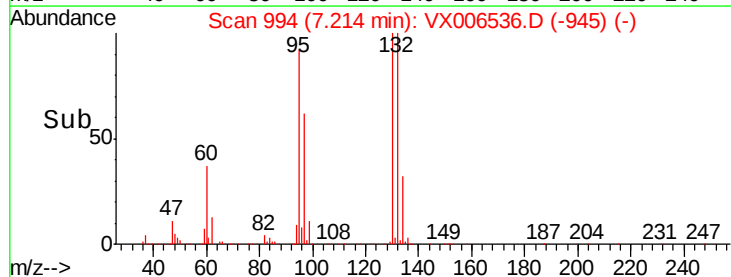
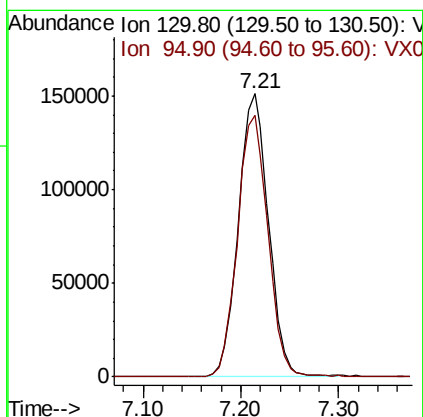
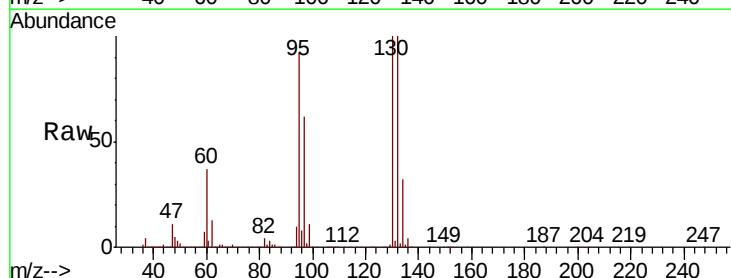
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.8	25.2
87	15.7	11.9	17.9



#44

Trichloroethene
 Concen: 51.814 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	175.8





#45

1,2-Dichloropropane

Concen: 53.139 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

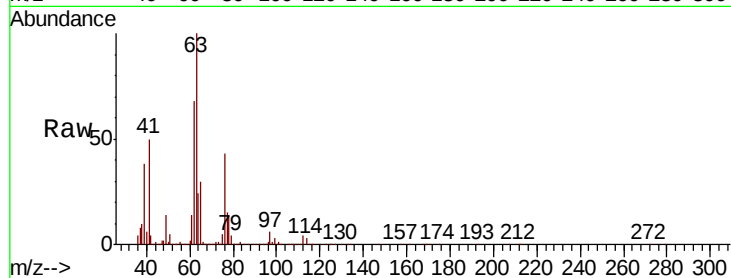
ClientSampled :

Tot Ion: 63 Resp: 278199

Ion Ratio Lower Upper

63 100

65 30.1 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

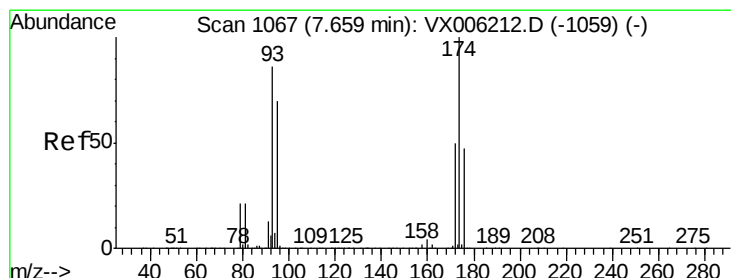
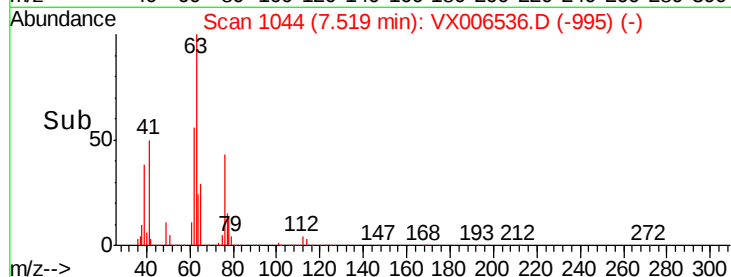
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 54.851 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

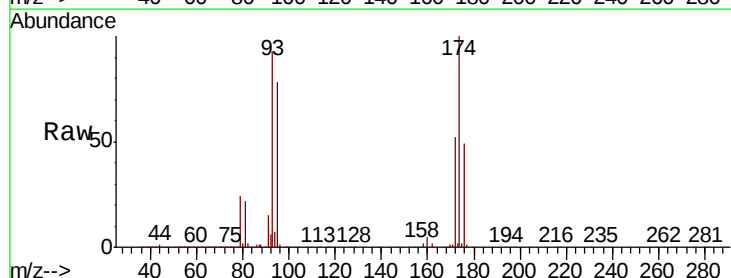
Tgt Ion: 93 Resp: 207394

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 113.9 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

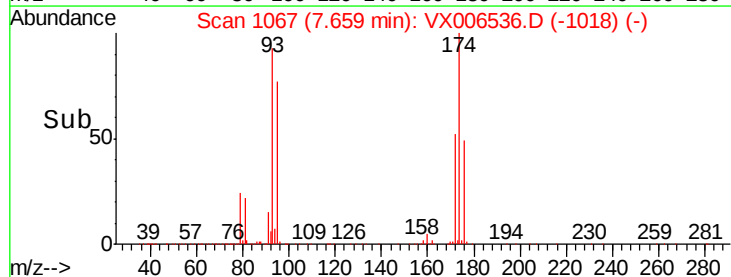
150000

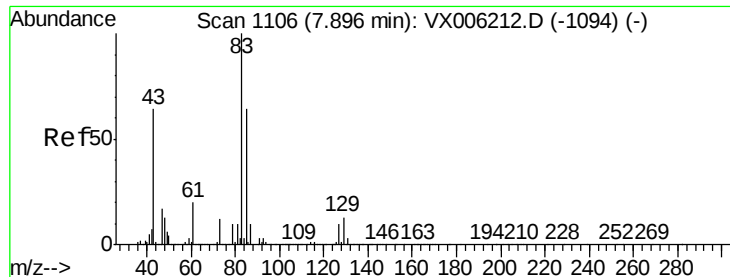
100000

50000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 48.769 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

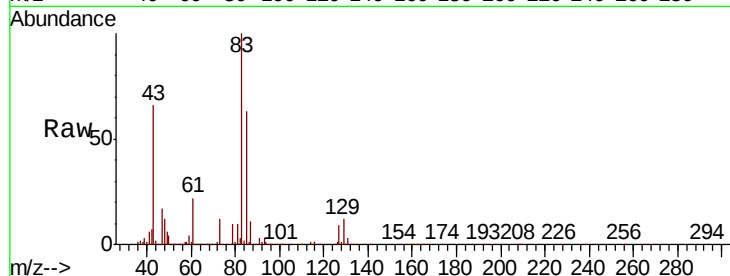
Tot Ion: 83 Resp: 357092

Ion Ratio Lower Upper

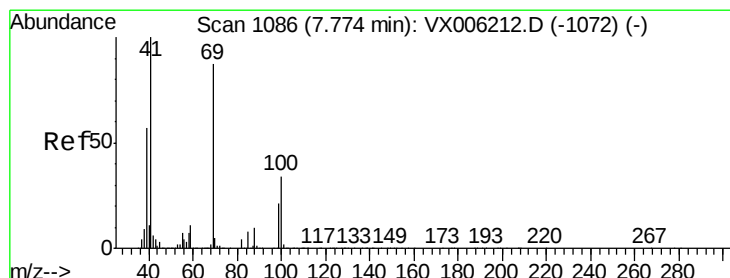
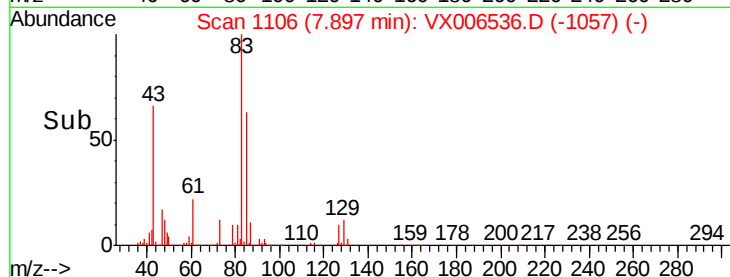
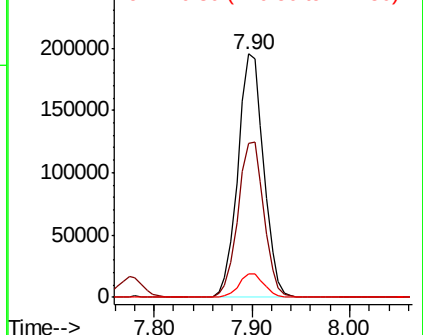
83 100

85 63.2 51.4 77.0

127 9.5 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: 52.074 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

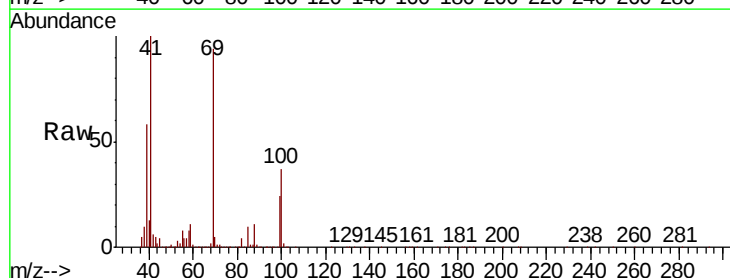
Tgt Ion: 41 Resp: 325322

Ion Ratio Lower Upper

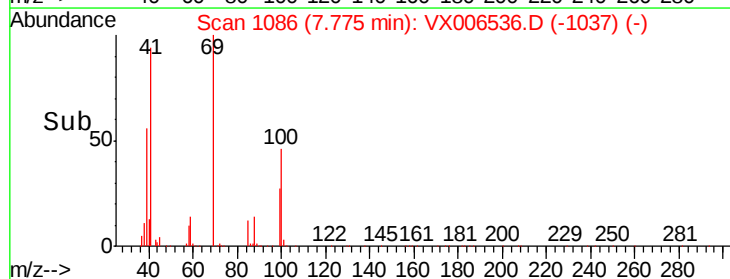
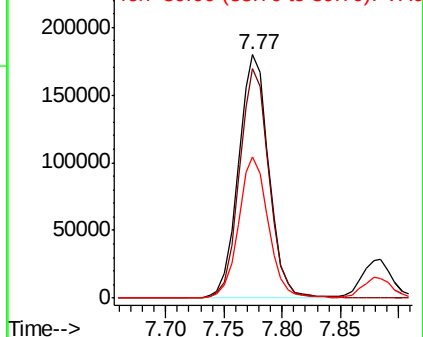
41 100

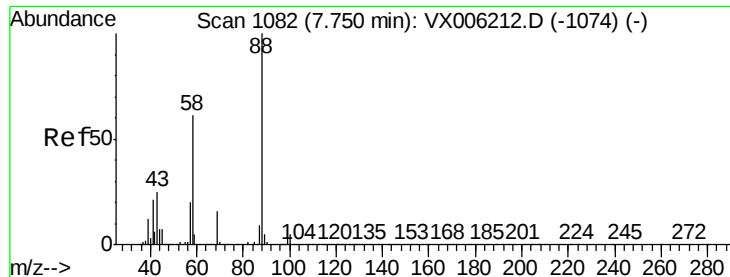
69 92.4 70.3 105.5

39 56.6 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

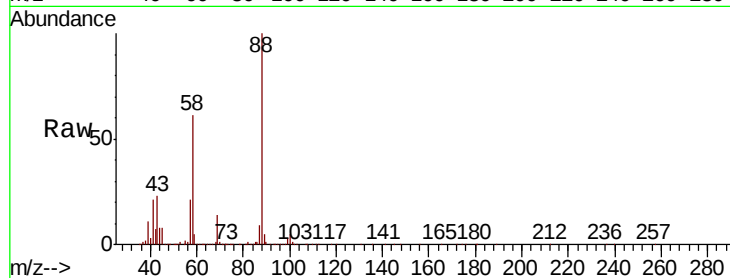




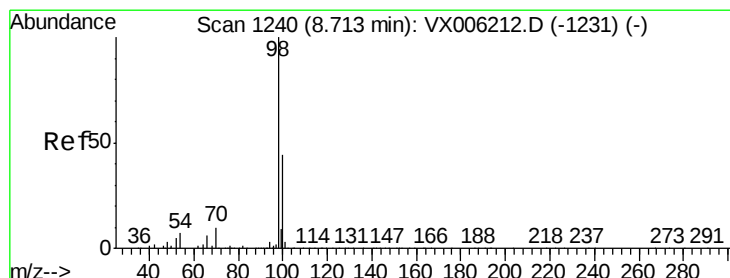
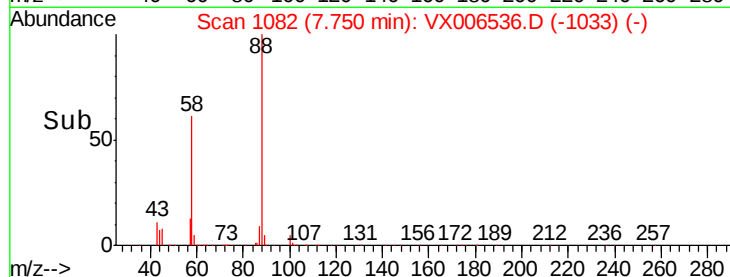
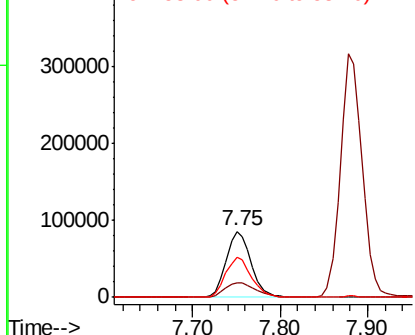
#49
1,4-Dioxane
Concen: 1091.966 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	63.5	51.4	77.0

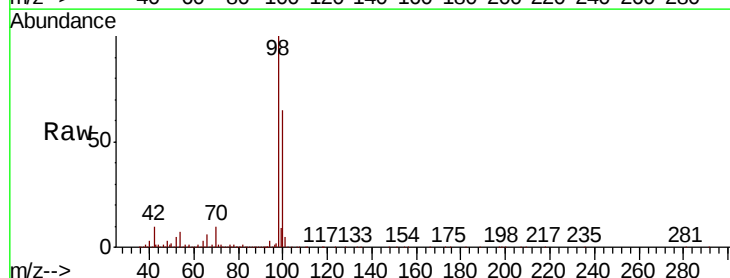


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

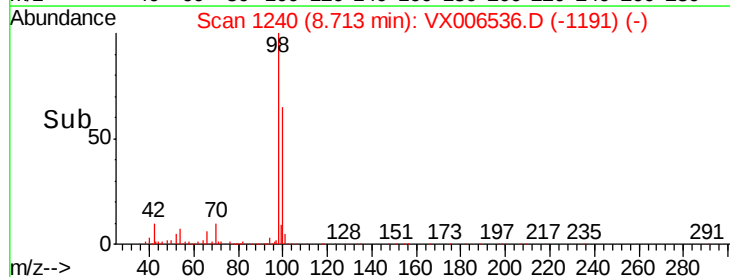
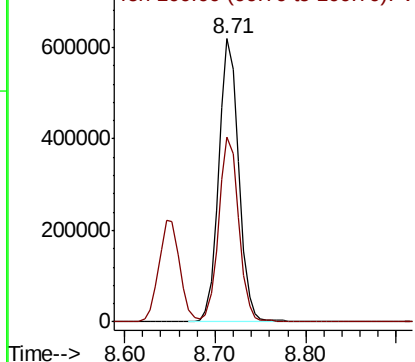


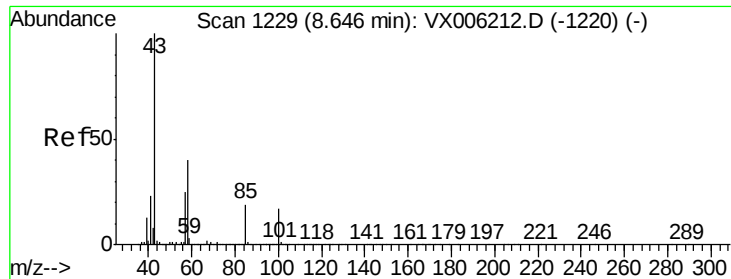
#50
Toluene-d8
Concen: 49.527 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	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: 270.123 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

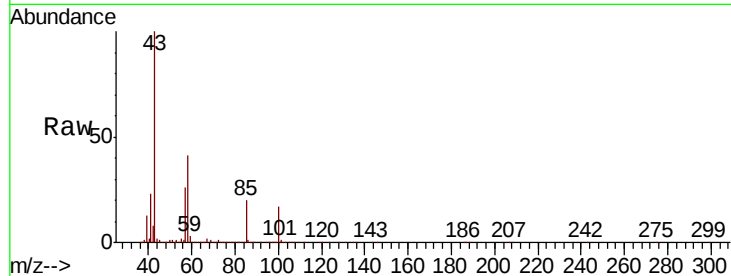
ClientSampled :

Tot Ion: 43 Resp: 2019335

Ion Ratio Lower Upper

43 100

58 40.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

8.65

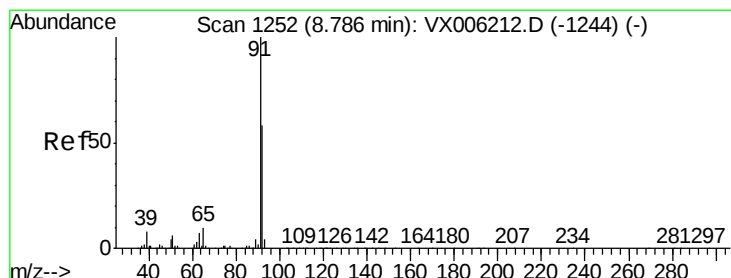
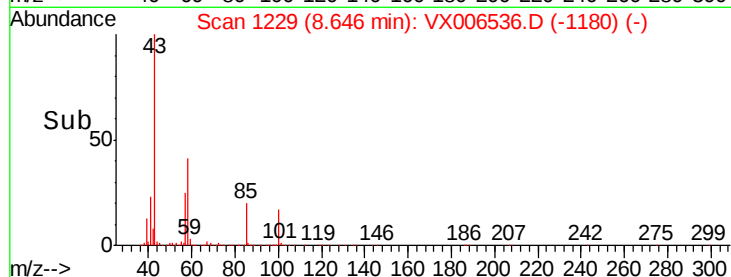
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 54.395 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006536.D

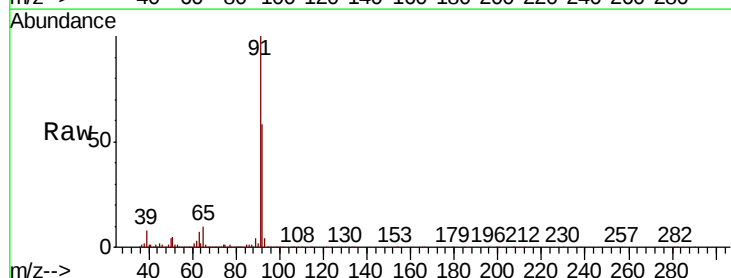
Acq: 15 Dec 2018 01:02

Tgt Ion: 92 Resp: 737168

Ion Ratio Lower Upper

92 100

91 172.4 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

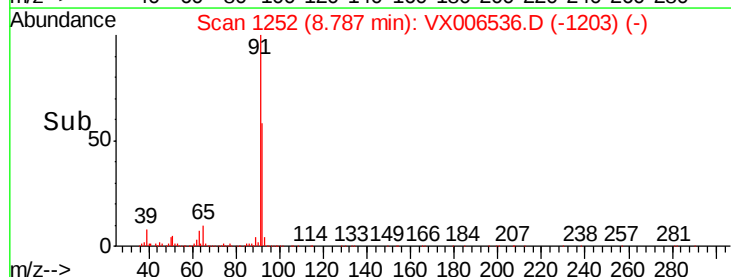
400000

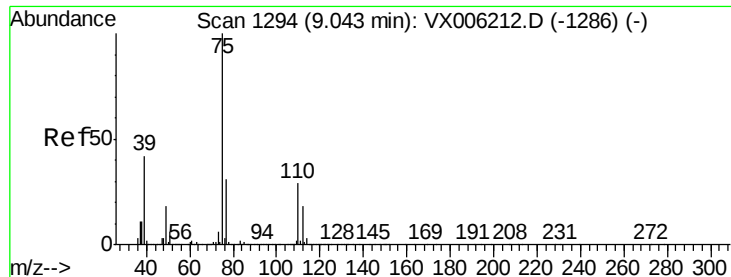
200000

0

8.70 8.80 8.90 9.00

Time-->

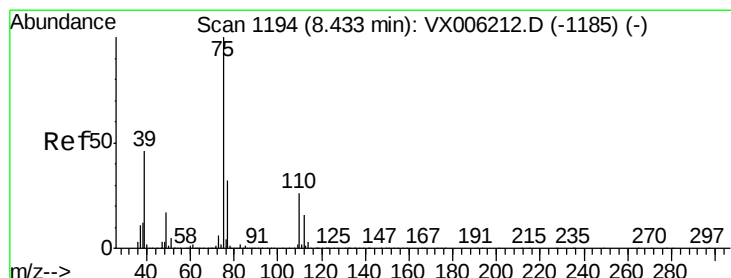
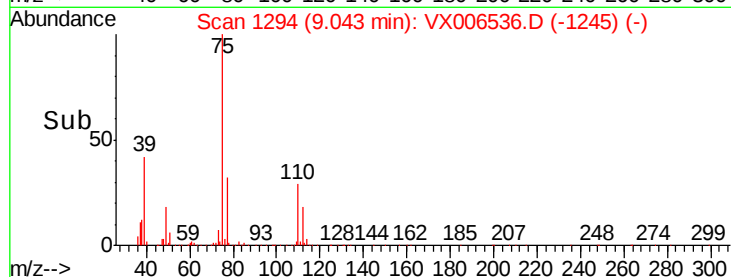
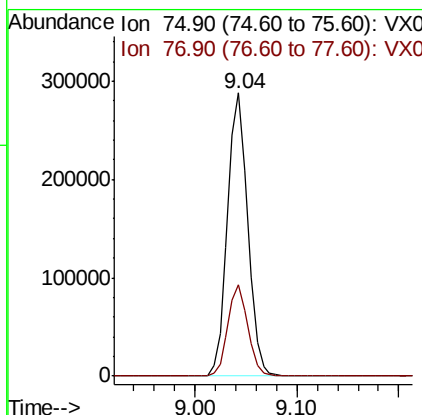
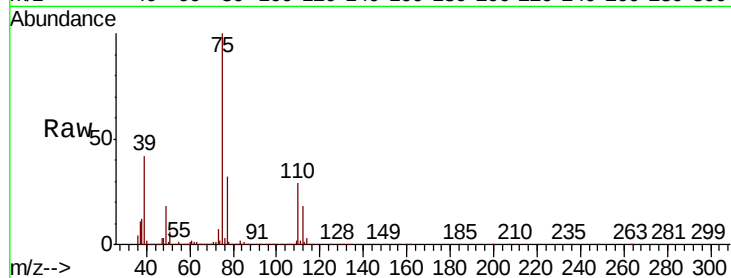




#53
t-1,3-Dichloropropene
Concen: 46.182 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

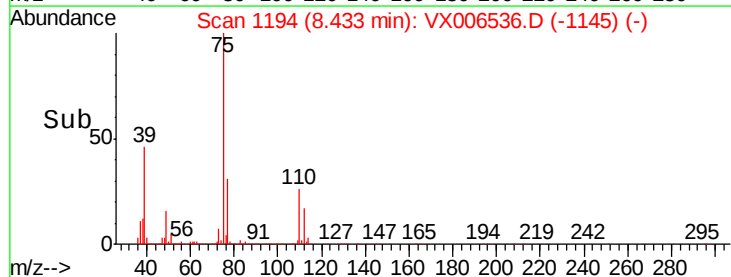
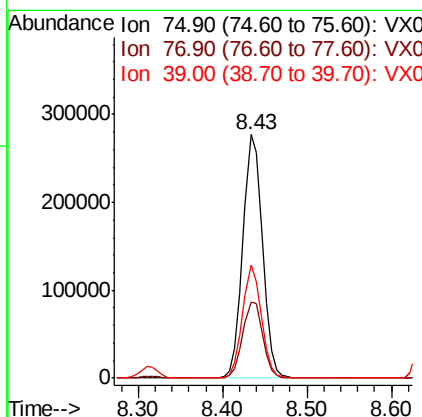
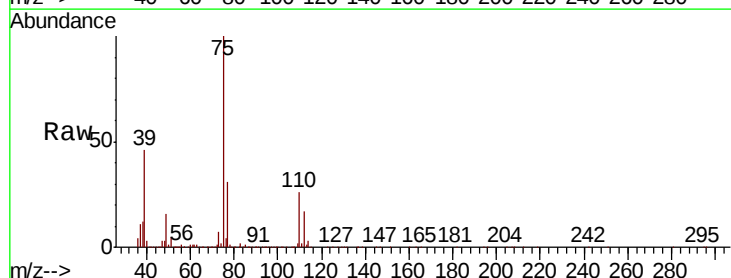
Instrument :
MSVOA_X
ClientSampleId :

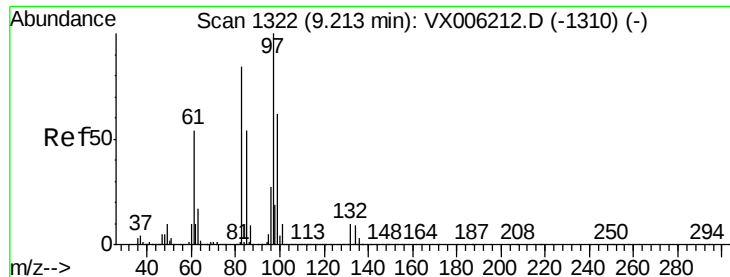
Tot Ion: 75 Resp: 395465
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.450 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 75 Resp: 430810
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 46.1 36.5 54.7

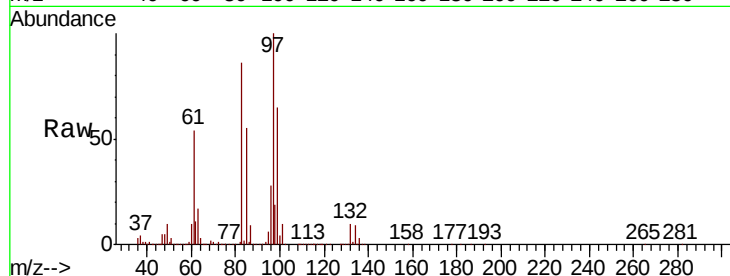




#55
 1,1,2-Trichloroethane
 Concen: 57.781 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	318119
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.1	100.7
85	55.1	43.2	64.8
99	65.0	49.8	74.6



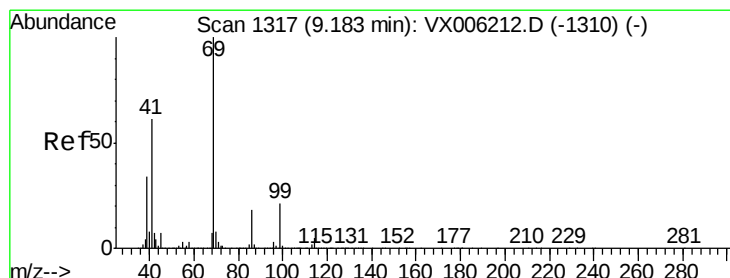
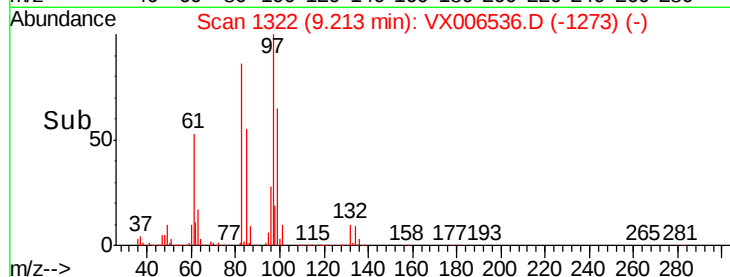
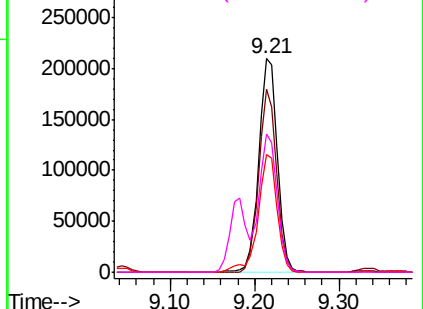
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

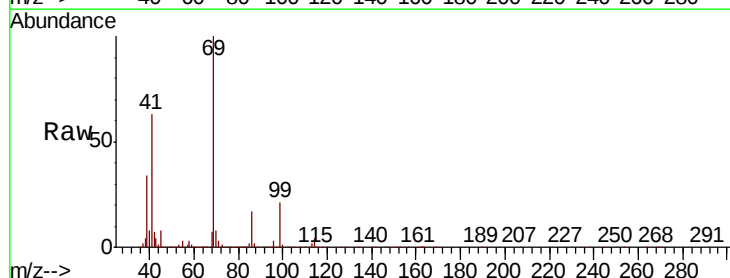
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.548 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion:	69	Resp:	469501
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.6	76.0
39	33.8	27.6	41.4

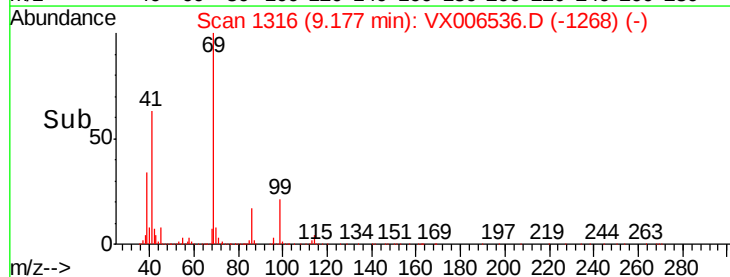
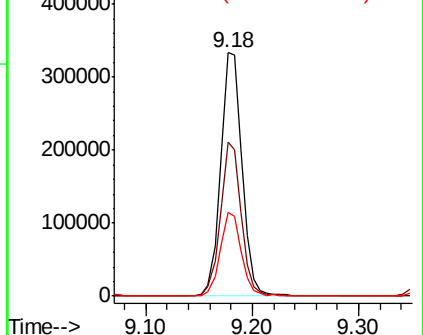


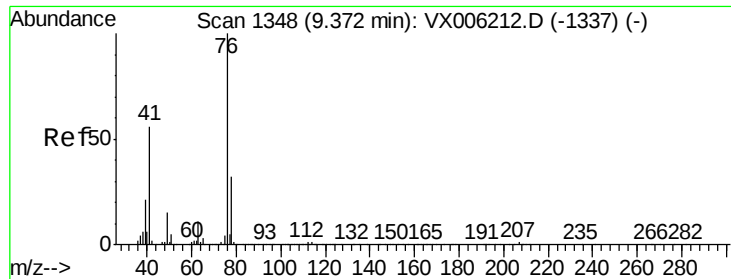
Abundance

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: 57.257 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

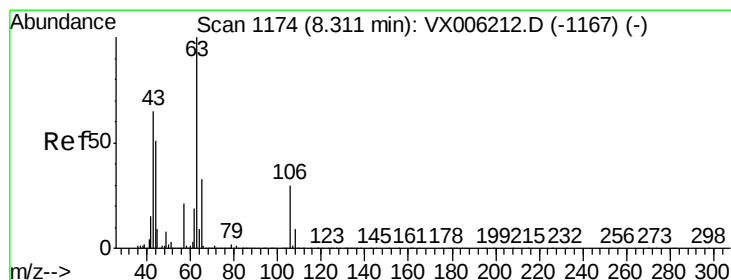
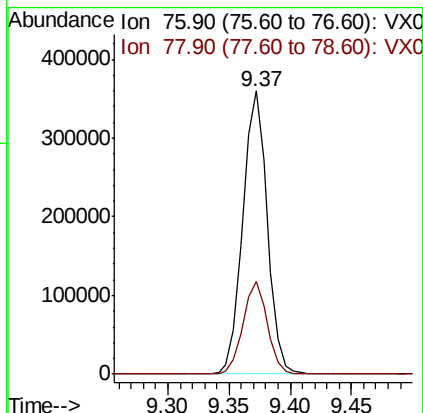
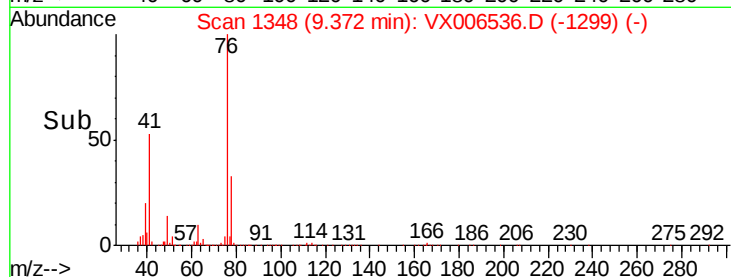
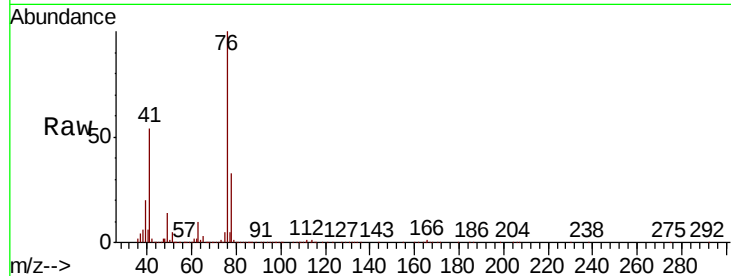
ClientSampleId :

Tot Ion: 76 Resp: 498478

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 245.185 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006536.D

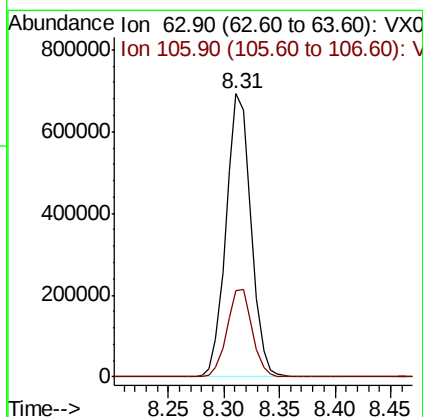
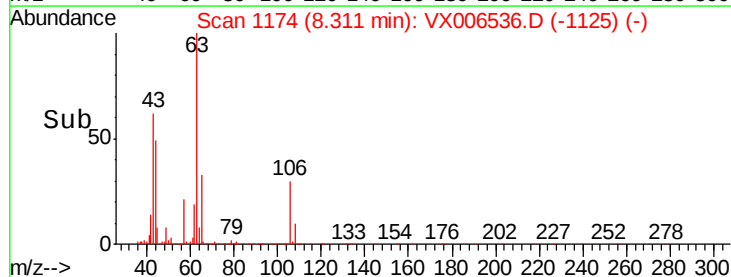
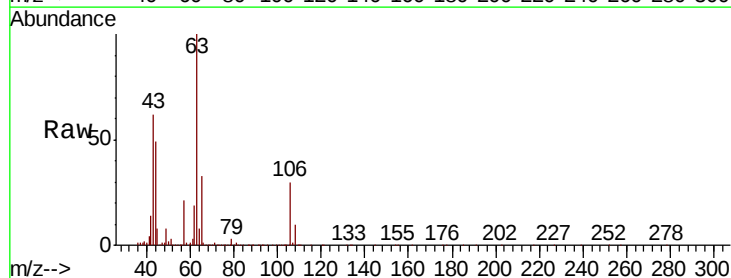
Acq: 15 Dec 2018 01:02

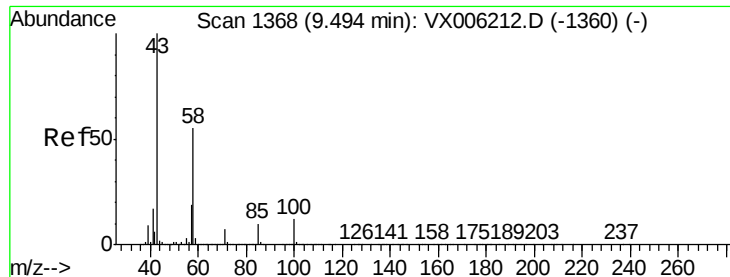
Tgt Ion: 63 Resp: 1070884

Ion Ratio Lower Upper

63 100

106 31.4 24.9 37.3

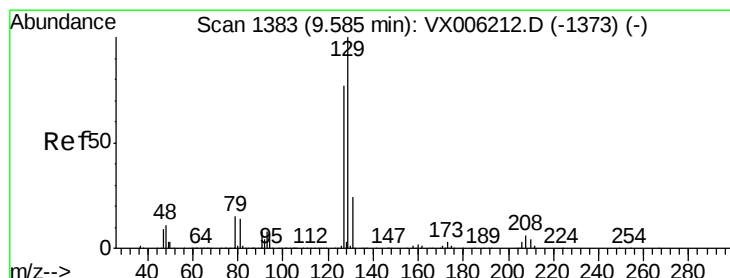
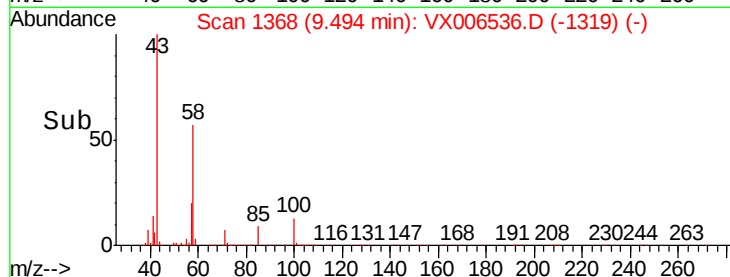
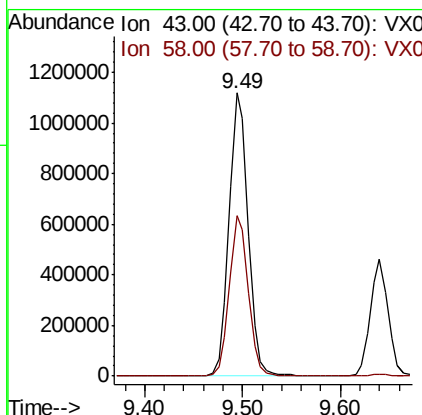
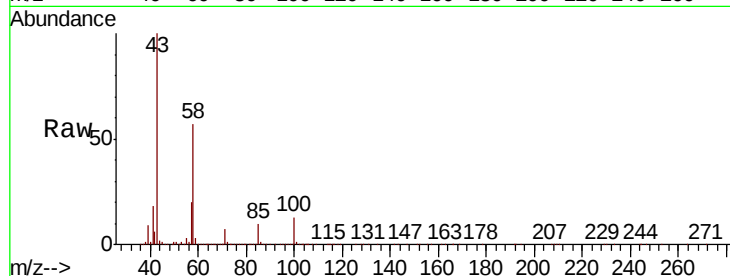




#59
2-Hexanone
Concen: 264.439 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

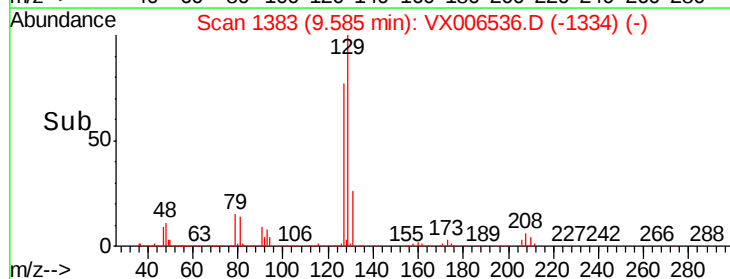
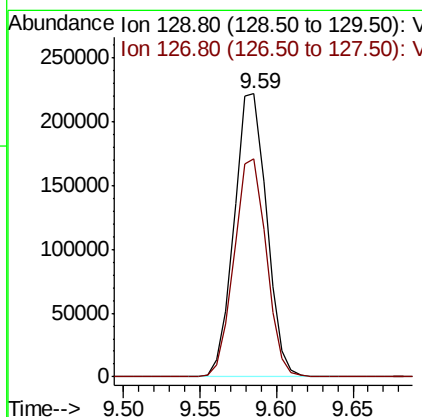
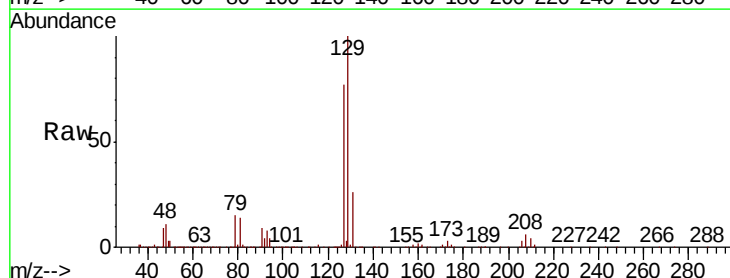
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1510315
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1



#60
Dibromochloromethane
Concen: 48.426 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 129 Resp: 328762
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

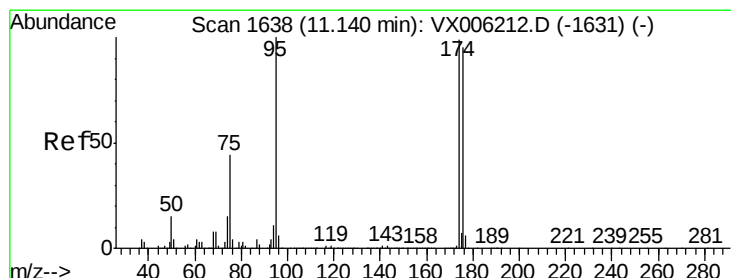
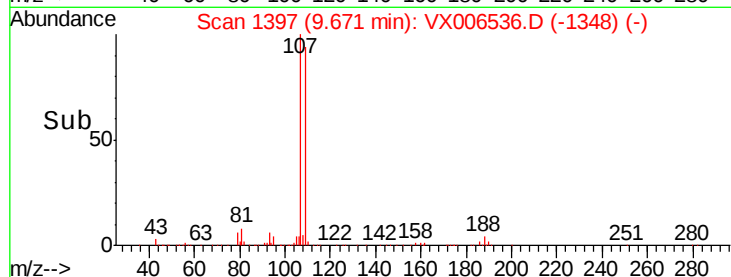
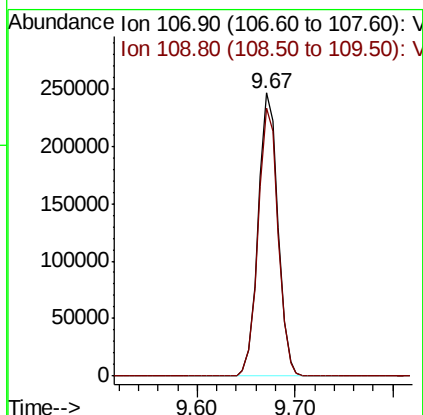
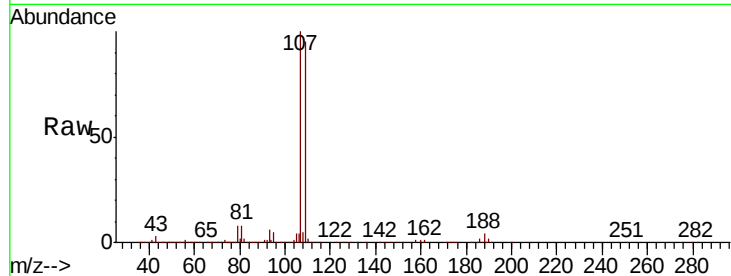




#61
 1,2-Dibromoethane
 Concen: 56.185 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

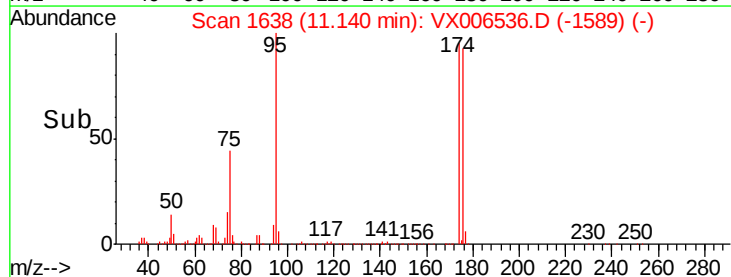
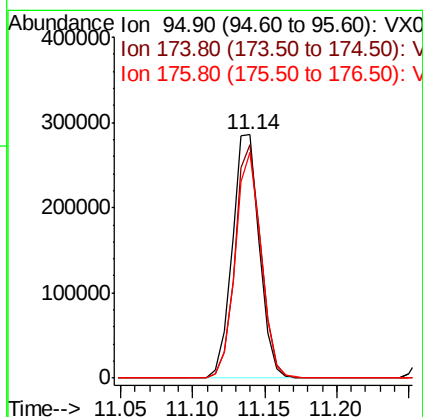
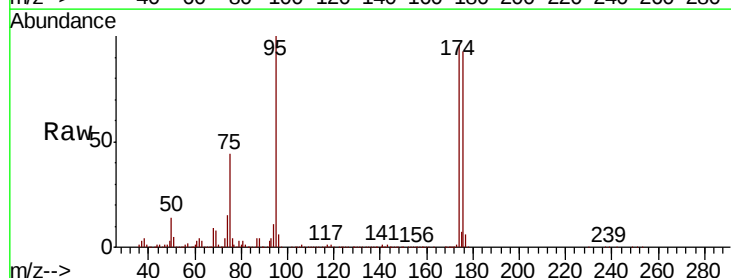
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:107 Resp: 345882
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 52.025 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion: 95 Resp: 377085
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 187.0
 176 88.5 0.0 181.8

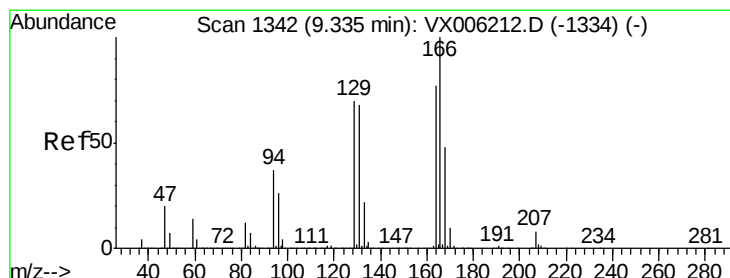
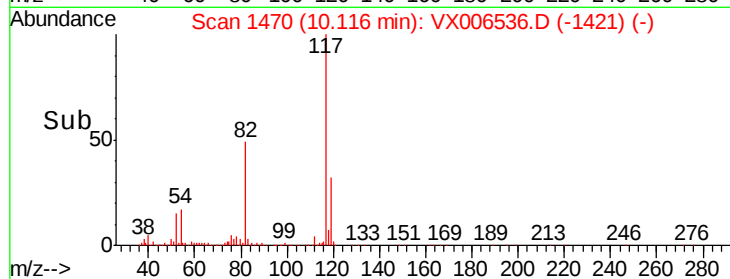
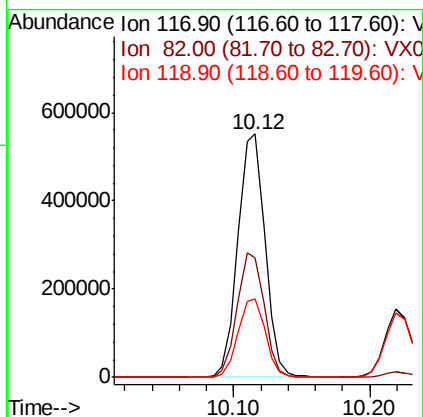
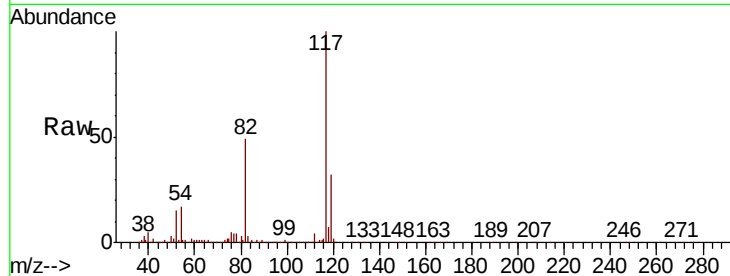




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

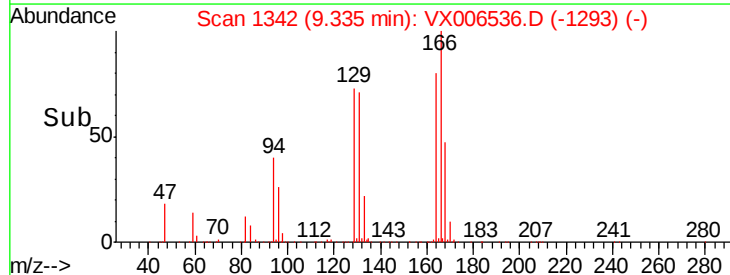
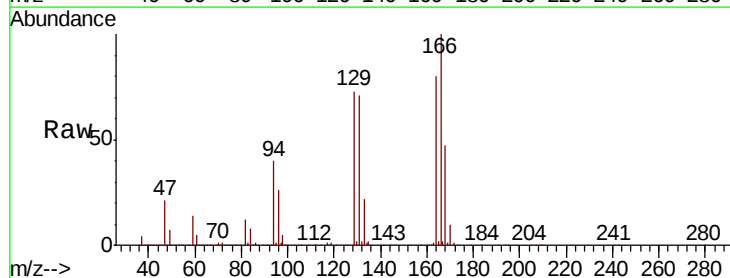
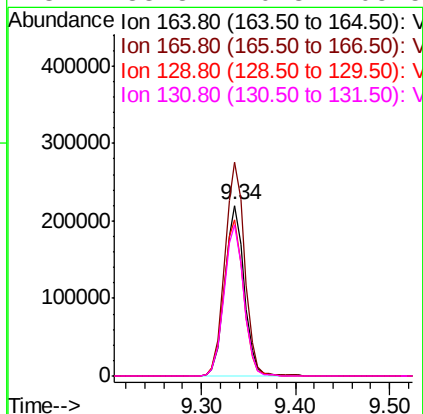
Instrument :
MSVOA_X
ClientSampleId :

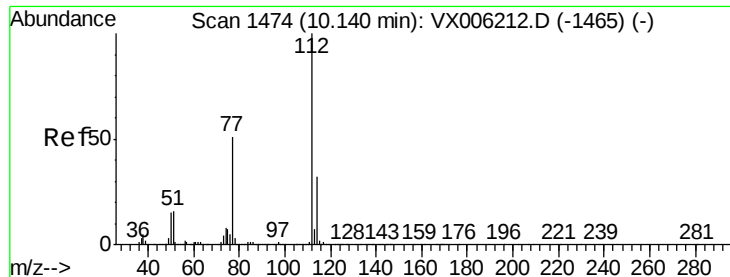
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.6	59.4
119	32.4	26.3	39.5



#64
Tetrachloroethene
Concen: 54.011 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	104.2	156.2
129	91.9	72.6	108.8
131	88.8	70.3	105.5





#65

Chlorobenzene

Concen: 53.863 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

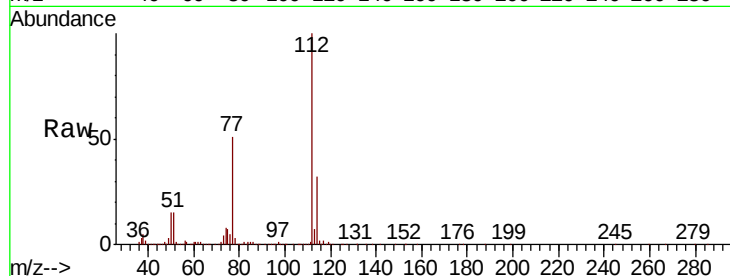
ClientSampleId :

Tot Ion:112 Resp: 879822

Ion Ratio Lower Upper

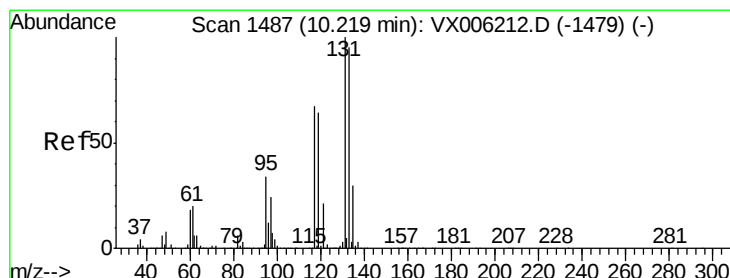
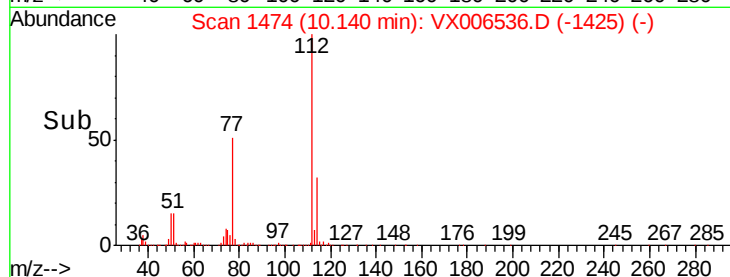
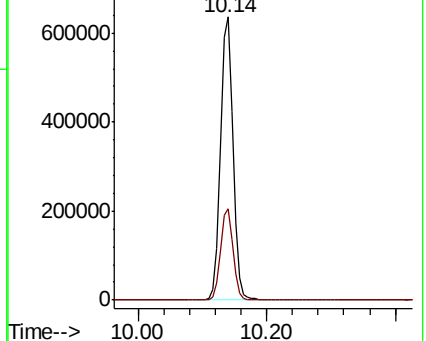
112 100

114 32.1 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.790 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

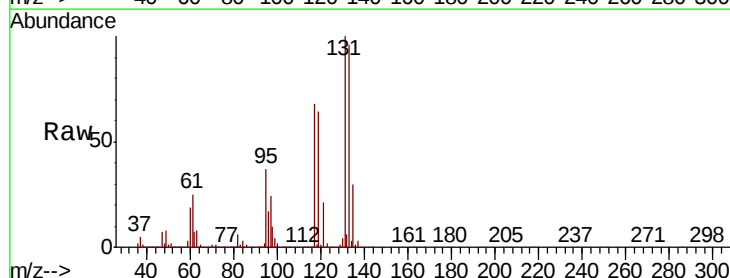
Tgt Ion:131 Resp: 309641

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

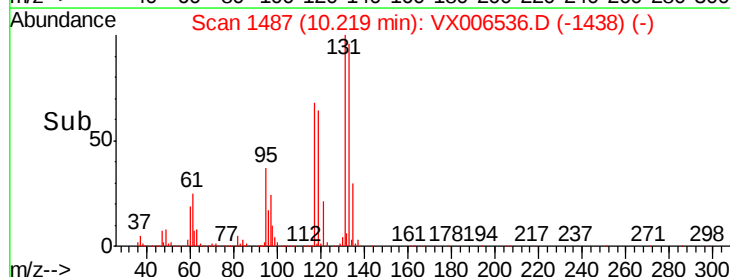
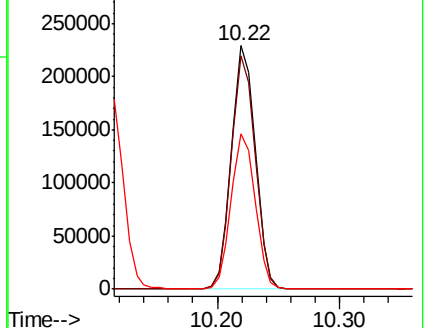
119 64.0 32.1 96.3



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





#67

Ethyl Benzene

Concen: 52.068 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

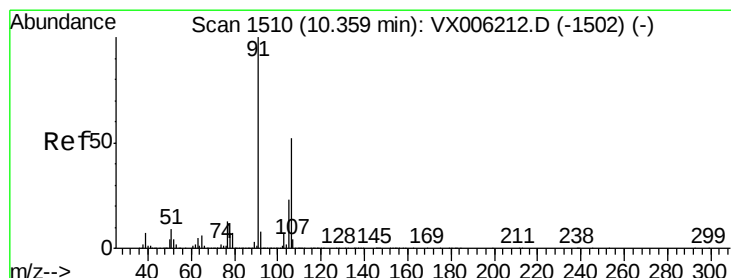
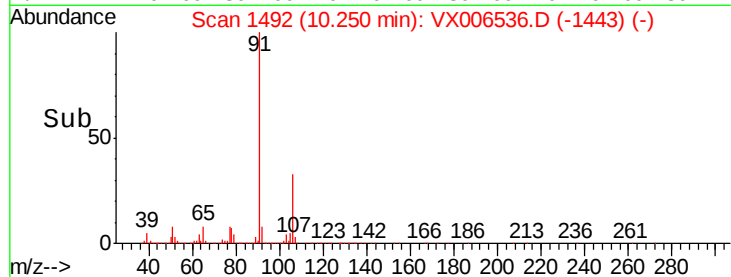
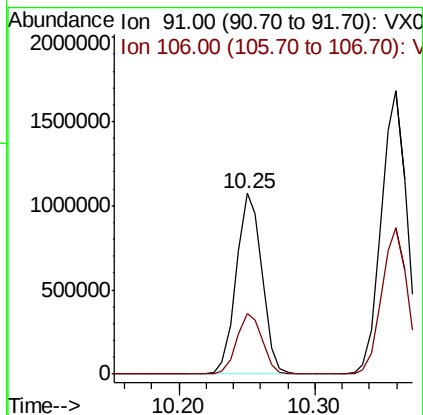
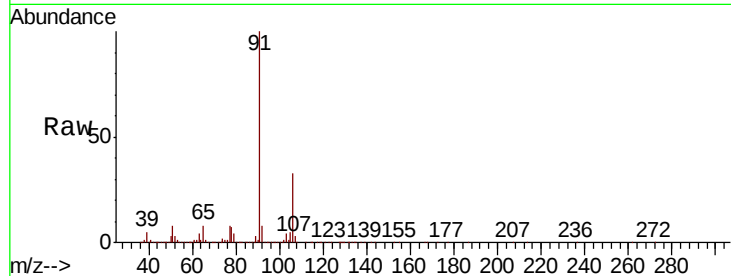
ClientSampleId :

Tot Ion: 91 Resp: 1414531

Ion Ratio Lower Upper

91 100

106 33.3 26.5 39.7



#68

m/p-Xylenes

Concen: 105.374 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006536.D

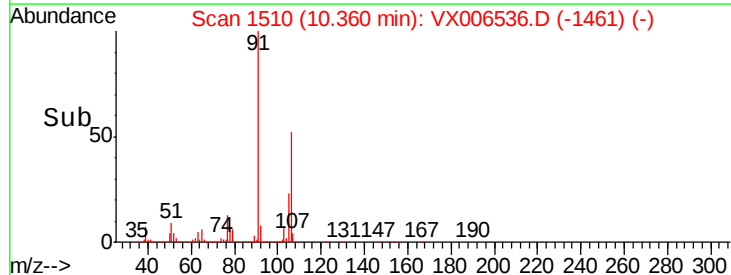
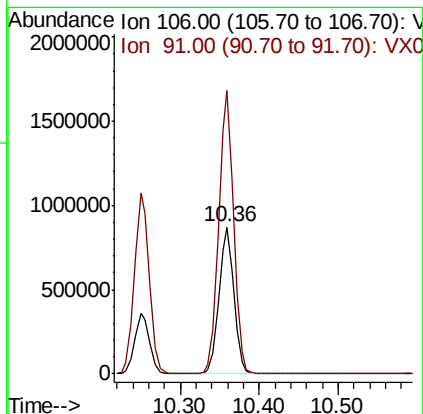
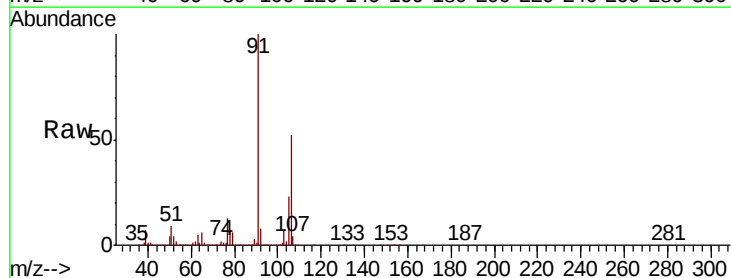
Acq: 15 Dec 2018 01:02

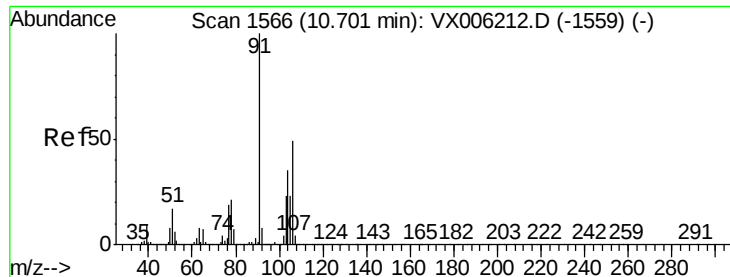
Tgt Ion: 106 Resp: 1146720

Ion Ratio Lower Upper

106 100

91 192.7 155.2 232.8

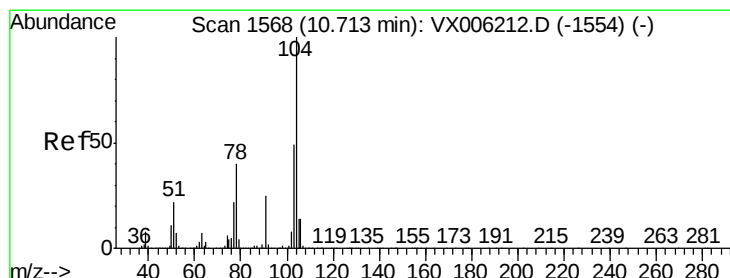
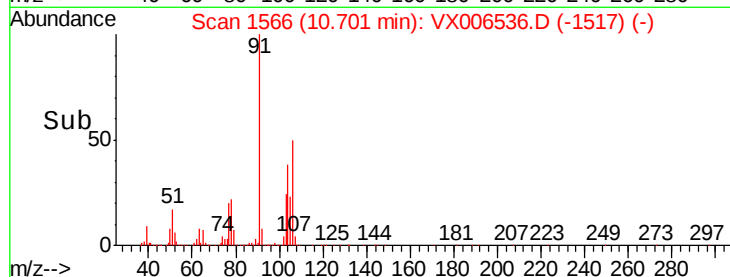
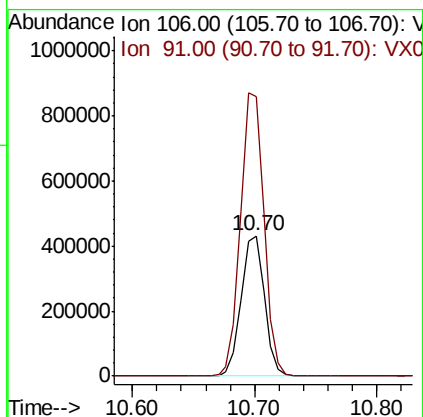
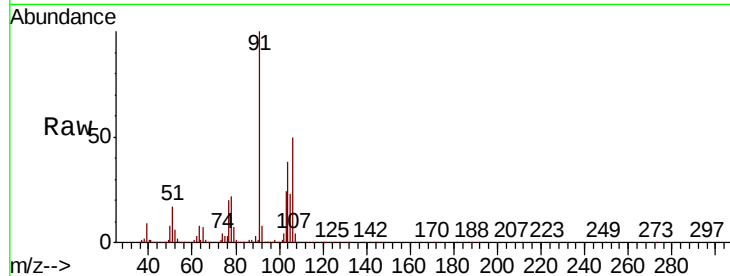




#69
o-Xylene
Concen: 52.902 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

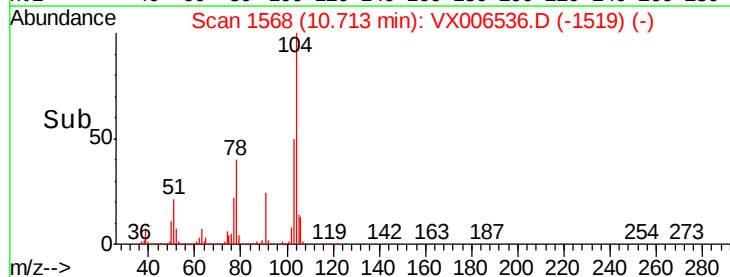
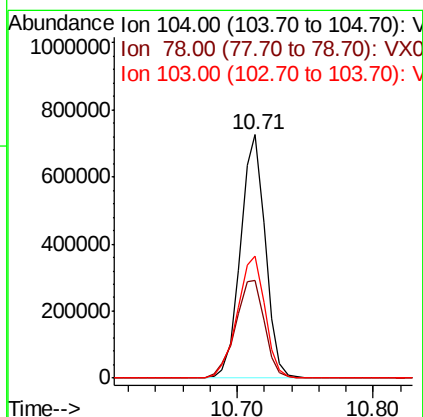
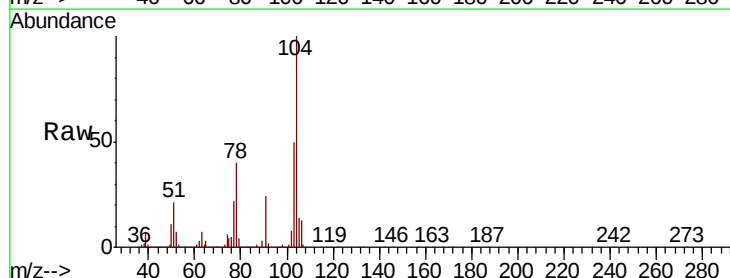
Instrument :
MSVOA_X
ClientSampleId :

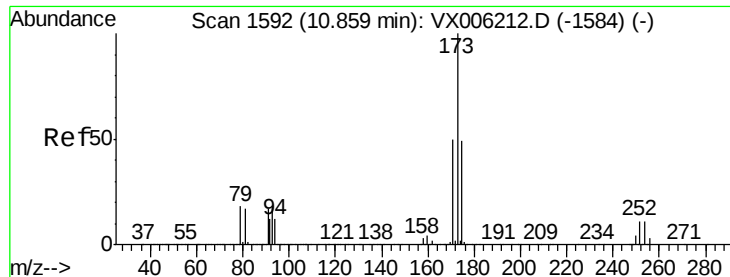
Tot Ion:106 Resp: 568659
Ion Ratio Lower Upper
106 100
91 203.8 101.8 305.6



#70
Styrene
Concen: 53.204 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion:104 Resp: 924979
Ion Ratio Lower Upper
104 100
78 46.8 37.2 55.8
103 55.8 43.5 65.3





#71

Bromoform

Concen: 40.726 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

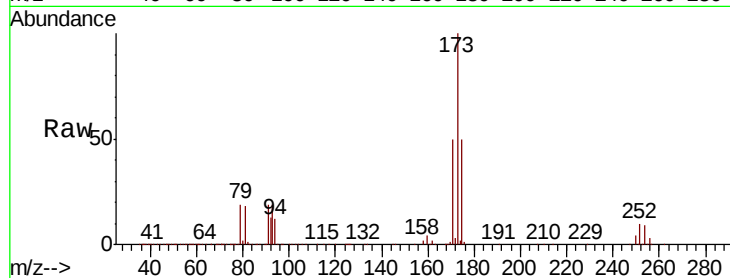
Tot Ion:173 Resp: 243985

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

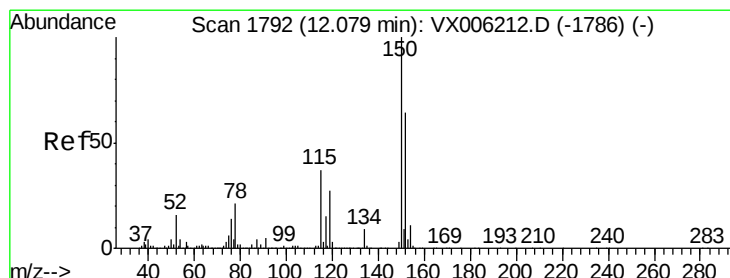
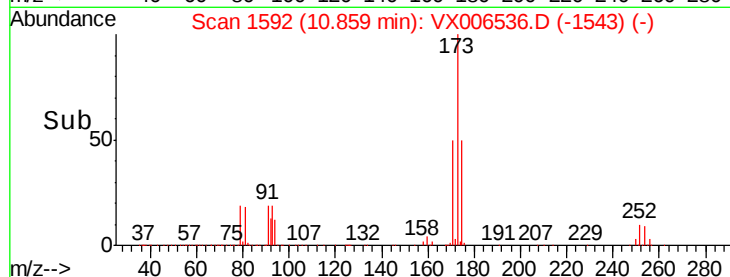
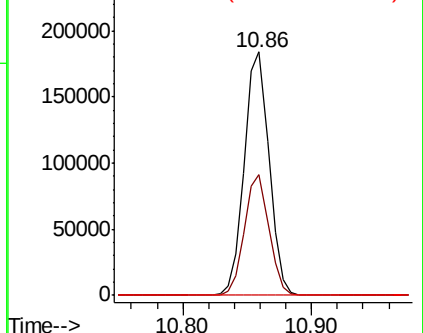
254 0.2 0.2 0.2



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: VX006536.D

Acq: 15 Dec 2018 01:02

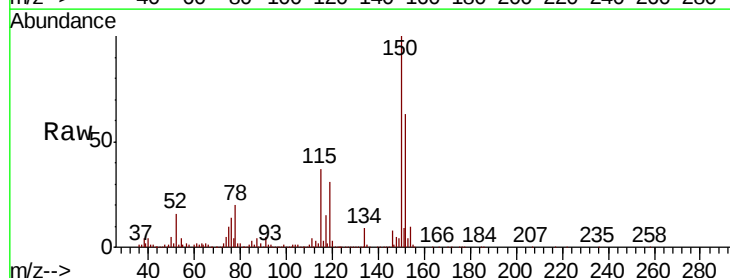
Tgt Ion:152 Resp: 411270

Ion Ratio Lower Upper

152 100

115 80.4 39.0 116.9

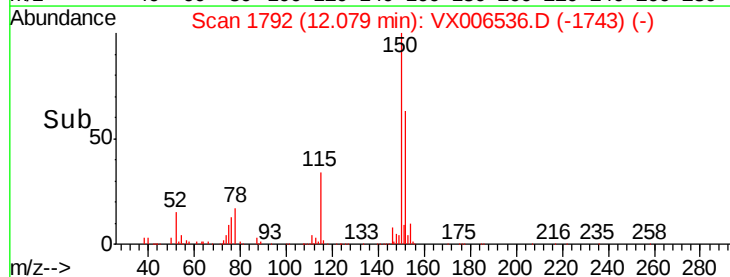
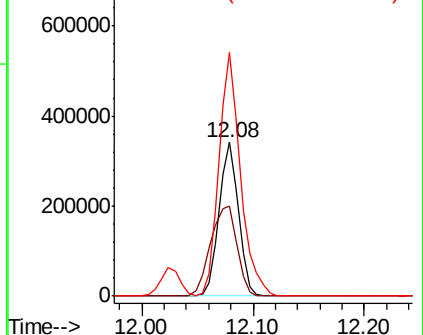
150 176.1 0.0 345.8

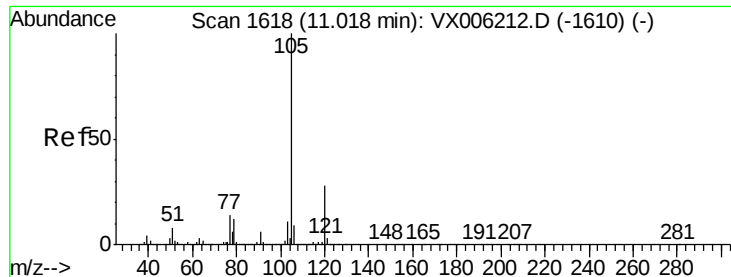


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

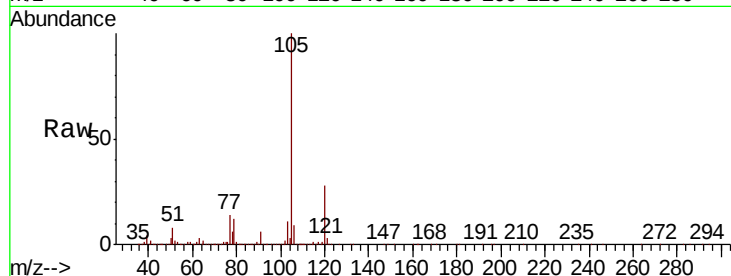
ClientSampleId :

Tot Ion:105 Resp: 1482804

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

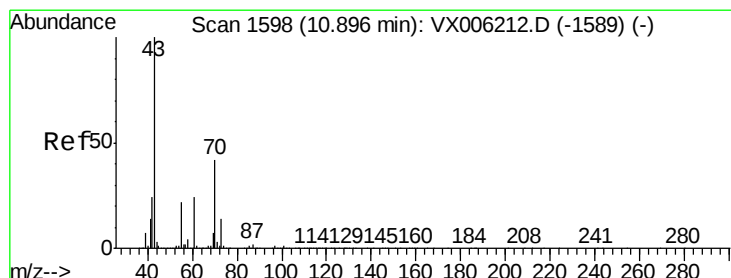
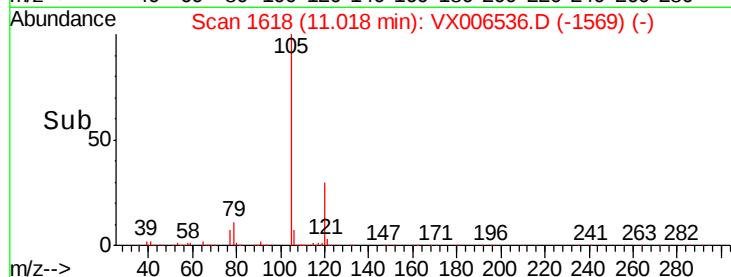
11.02

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 46.971 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion: 43 Resp: 574478

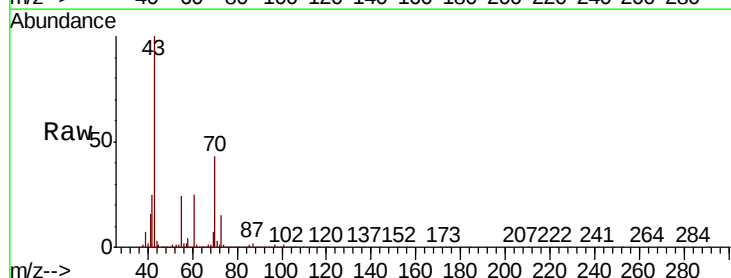
Ion Ratio Lower Upper

43 100

70 45.2 34.1 51.1

55 24.6 17.8 26.8

61 25.3 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

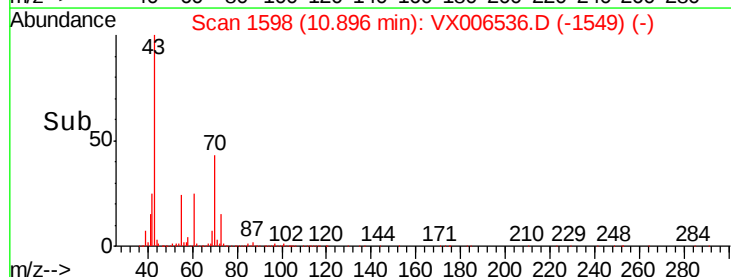
600000

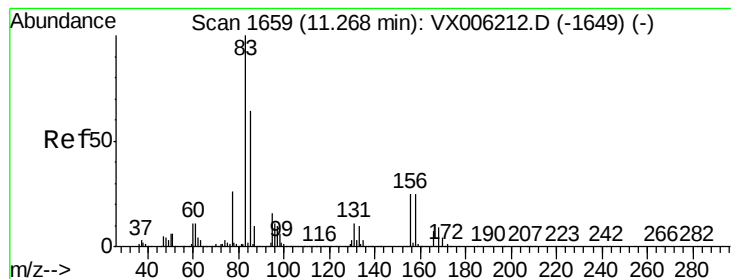
400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.832 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

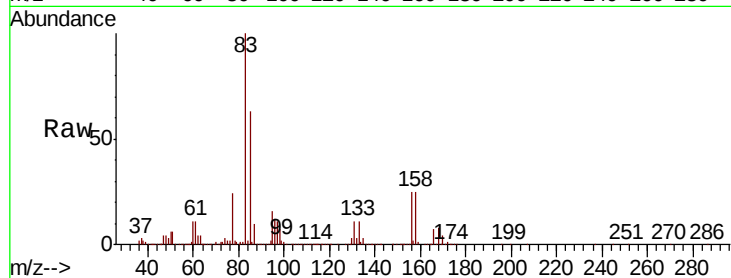
Tot Ion: 83 Resp: 470963

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

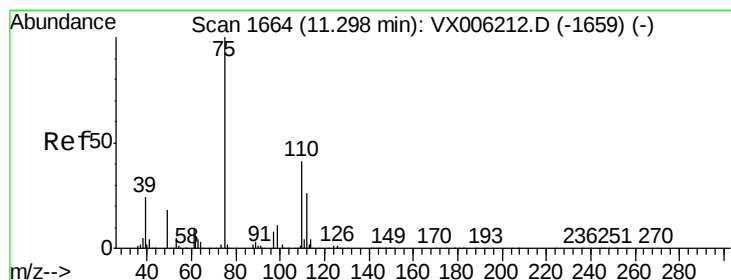
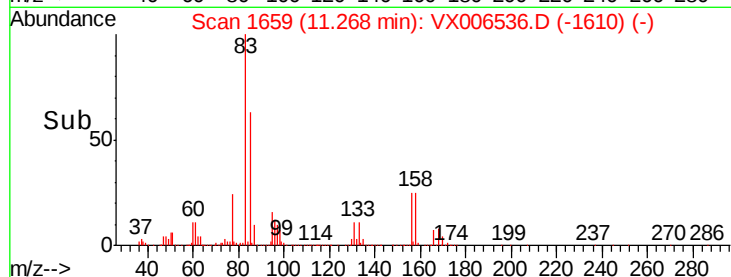
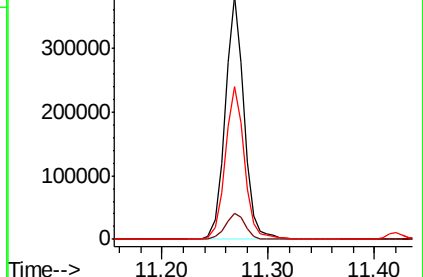
85 64.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.101 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006536.D

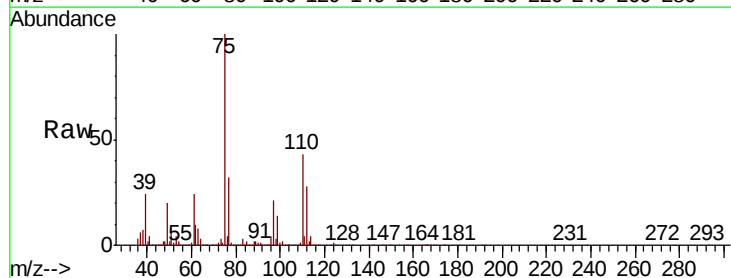
Acq: 15 Dec 2018 01:02

Tgt Ion: 75 Resp: 524718

Ion Ratio Lower Upper

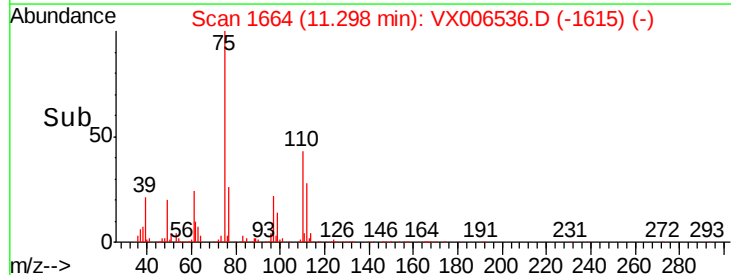
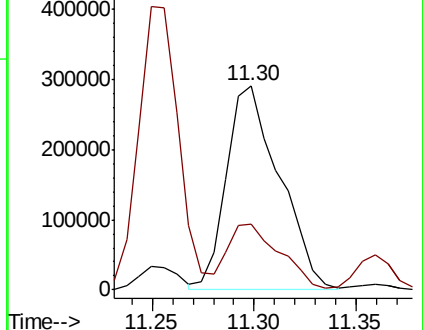
75 100

77 31.6 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.274 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

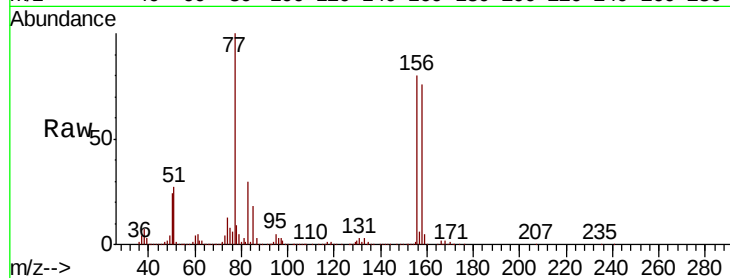
Tot Ion:156 Resp: 412022

Ion Ratio Lower Upper

156 100

77 134.2 66.2 198.6

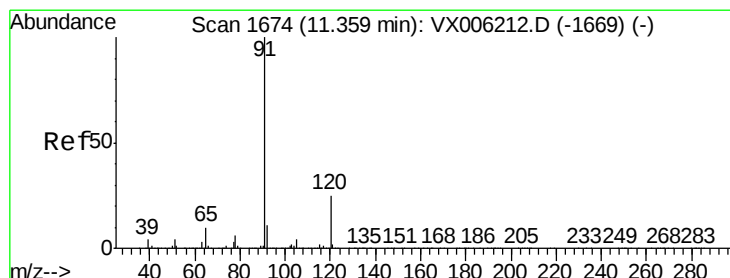
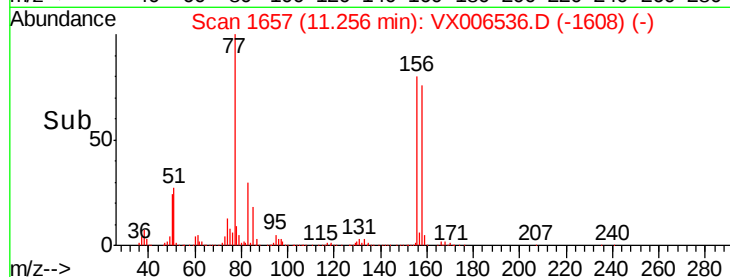
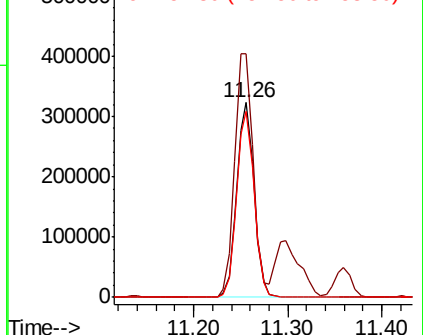
158 96.7 48.8 146.4



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: 52.626 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006536.D

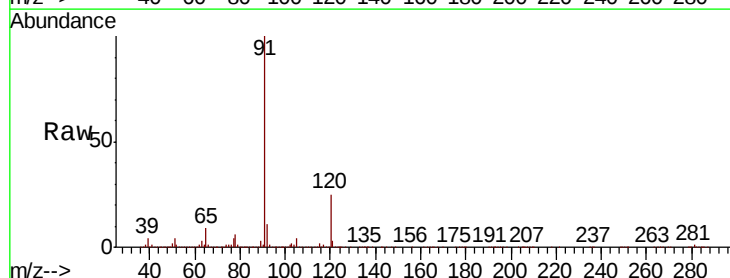
Acq: 15 Dec 2018 01:02

Tgt Ion: 91 Resp: 1661469

Ion Ratio Lower Upper

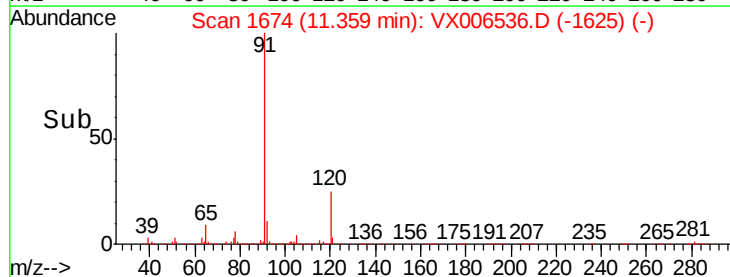
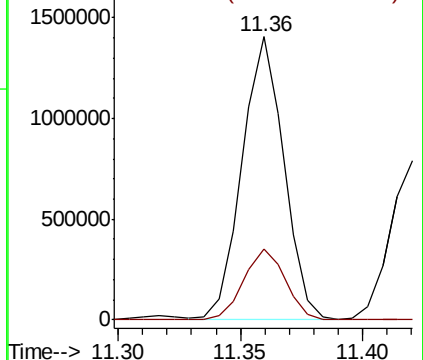
91 100

120 25.3 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: 52.488 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

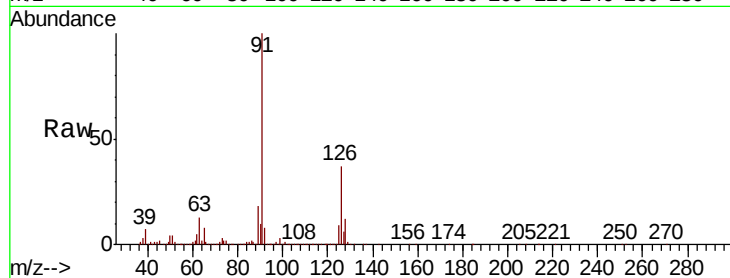
ClientSampleId :

Tot Ion: 91 Resp: 984929

Ion Ratio Lower Upper

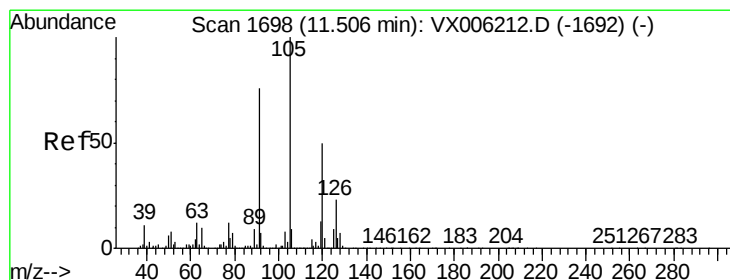
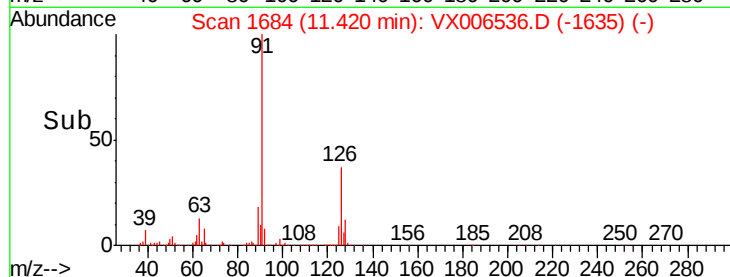
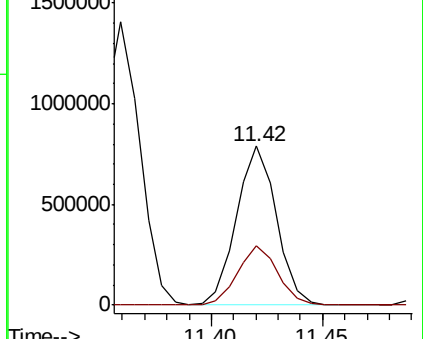
91 100

126 37.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.125 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006536.D

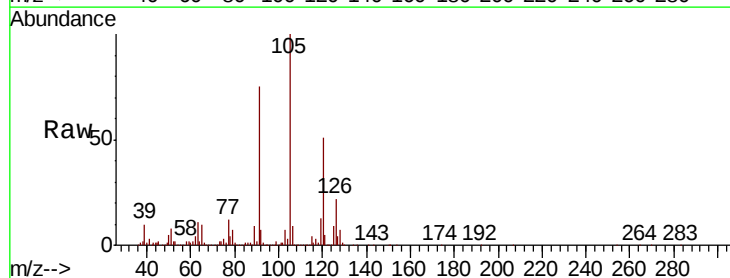
Acq: 15 Dec 2018 01:02

Tgt Ion:105 Resp: 1231773

Ion Ratio Lower Upper

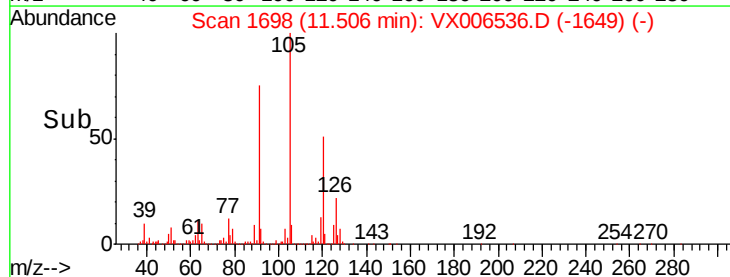
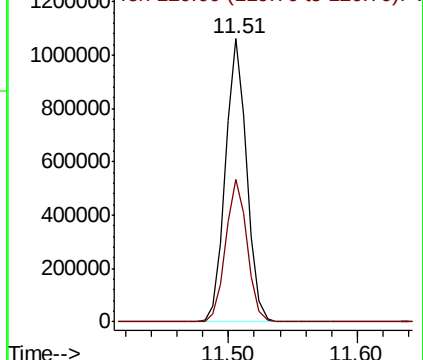
105 100

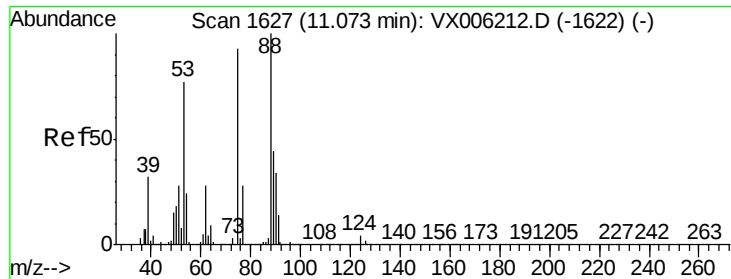
120 51.0 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

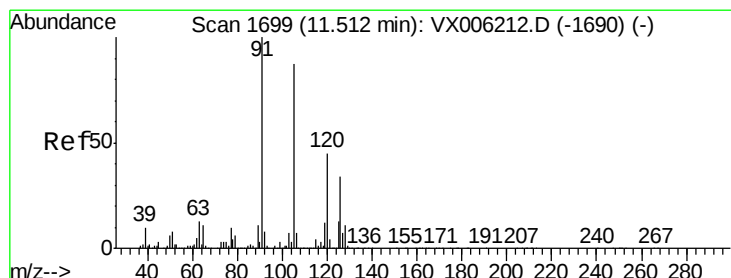
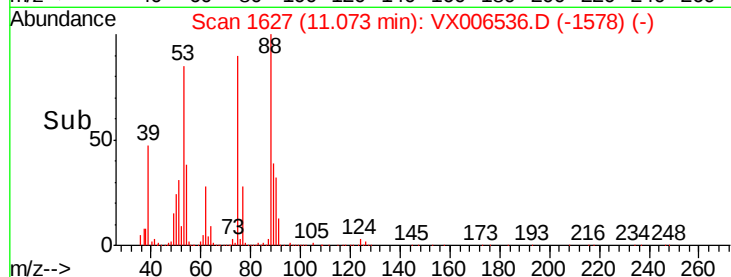
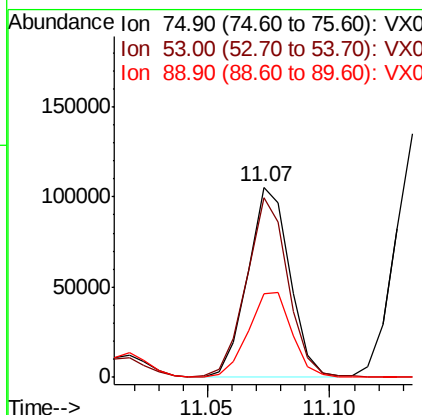
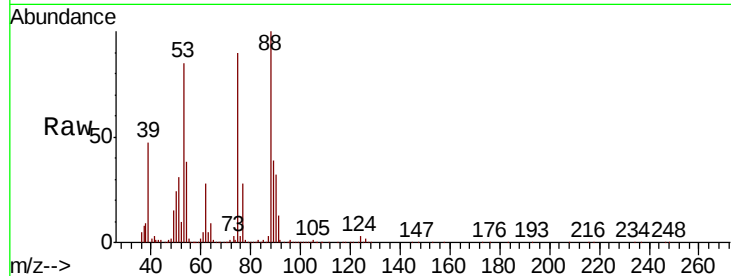




#81
trans-1,4-Dichloro-2-butene
Concen: 37.066 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

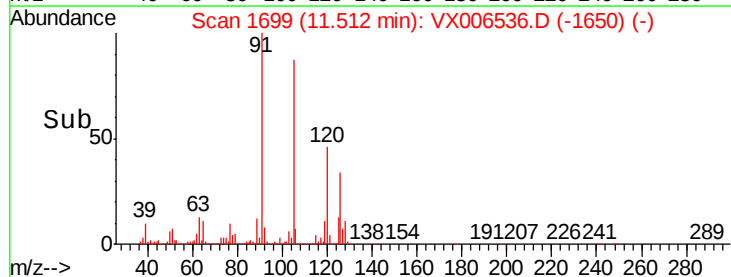
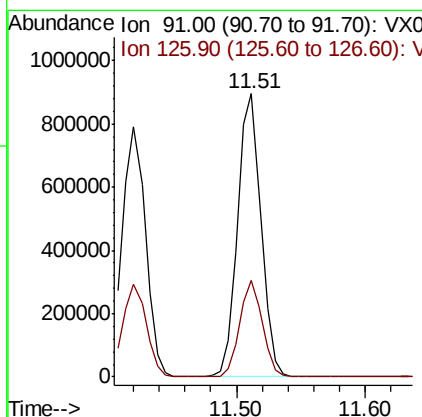
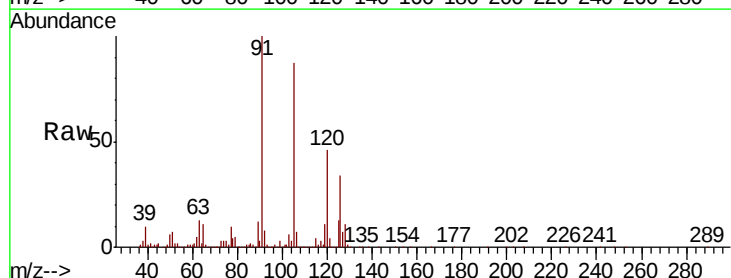
Instrument :
MSVOA_X
ClientSampleId :

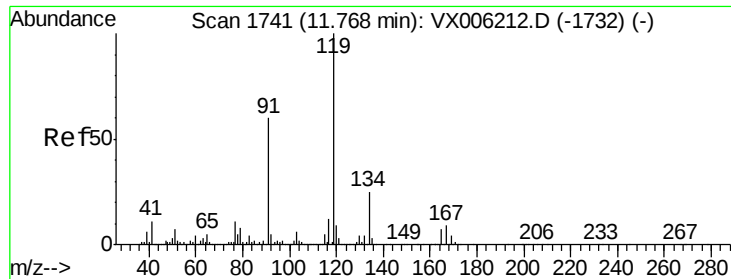
Tot Ion: 75 Resp: 125383
Ion Ratio Lower Upper
75 100
53 94.4 64.4 96.6
89 46.7 44.2 66.4



#82
4-Chlorotoluene
Concen: 51.870 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 91 Resp: 1131649
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

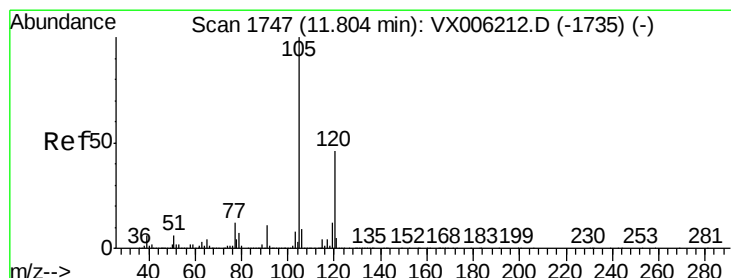
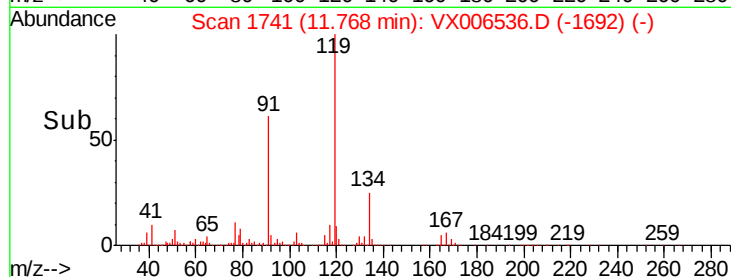
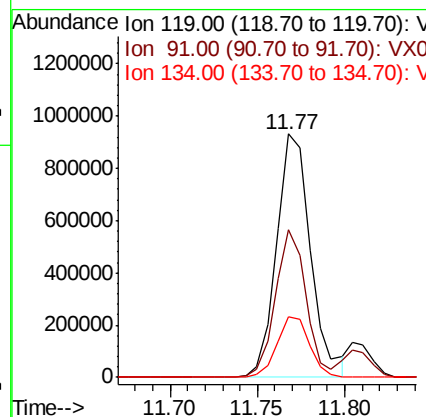
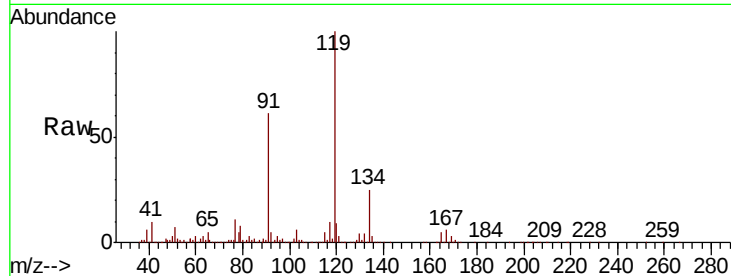




#83
 tert-Butylbenzene
 Concen: 50.060 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

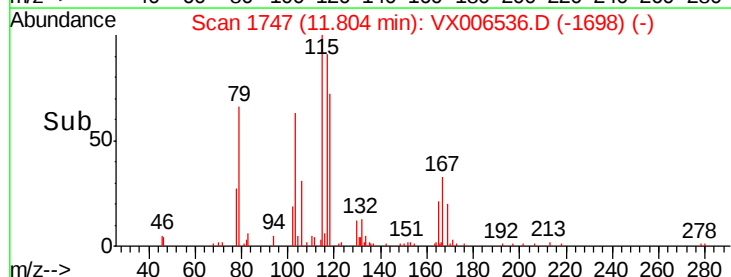
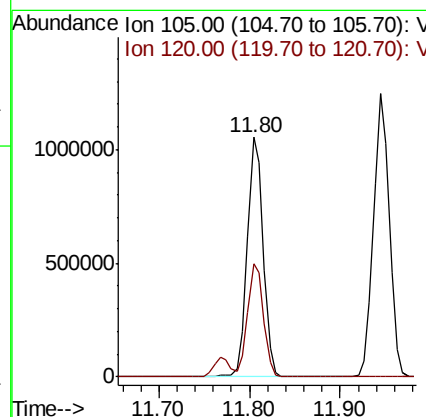
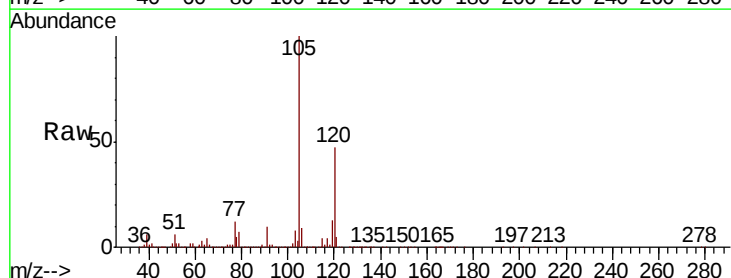
Instrument :
 MSVOA_X
 ClientSampleID :

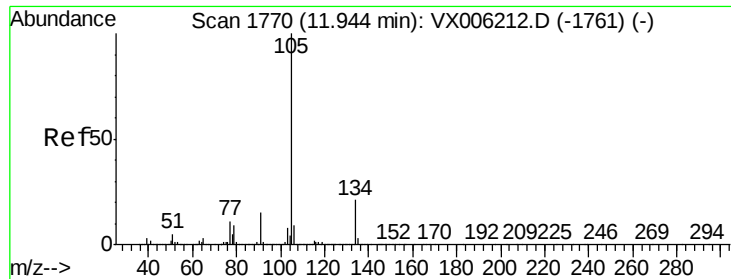
Tot Ion:119 Resp: 1262174
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.4 79.2
 134 24.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.509 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion:105 Resp: 1281283
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.780 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

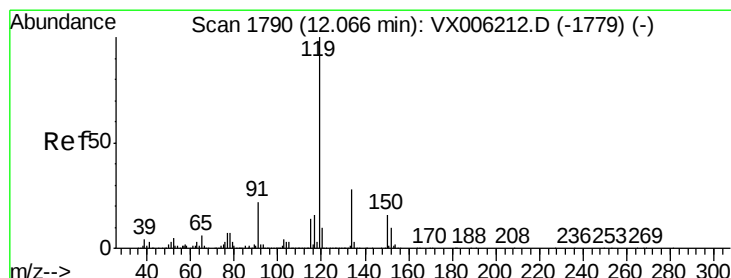
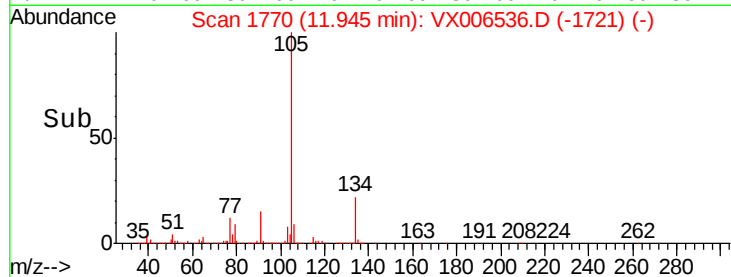
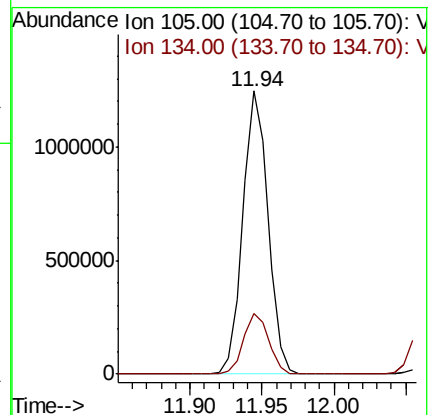
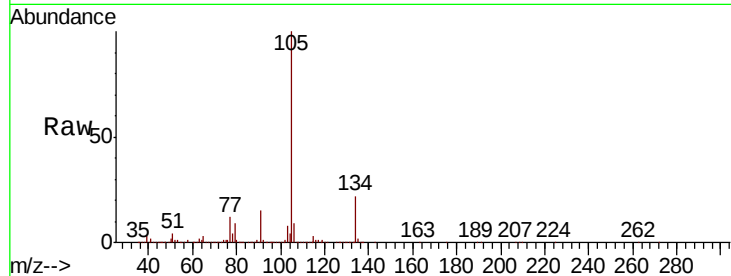
ClientSampled :

Tot Ion:105 Resp: 1513920

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



#86

p-Isopropyltoluene

Concen: 52.393 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

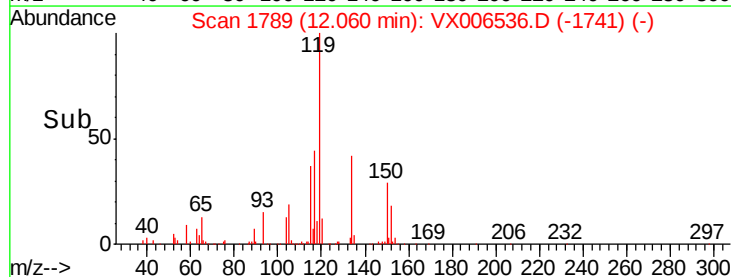
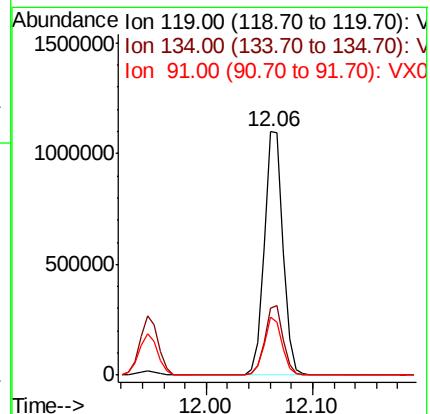
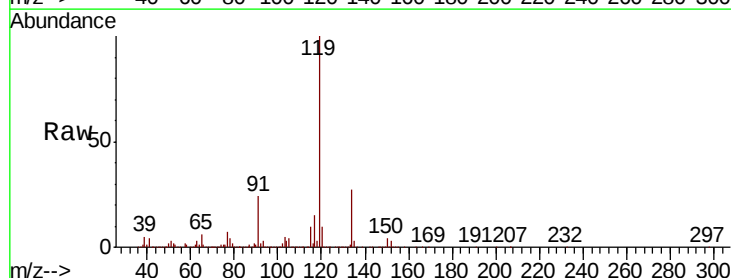
Tgt Ion:119 Resp: 1353256

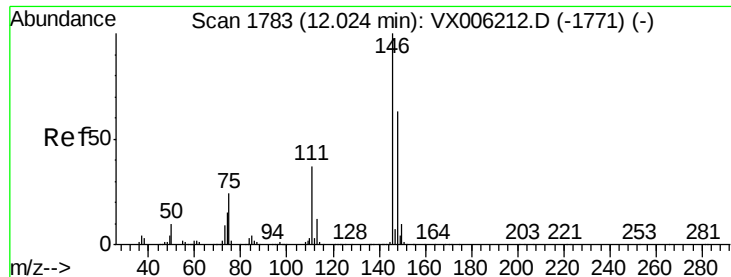
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.5 11.3 33.8

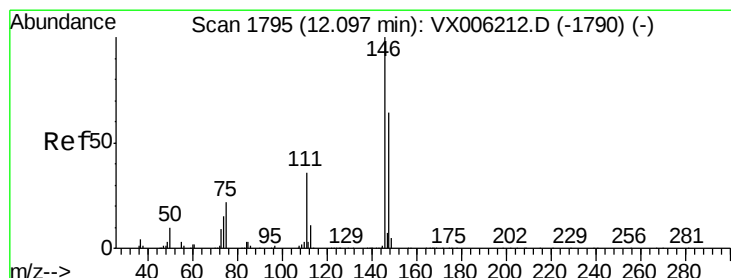
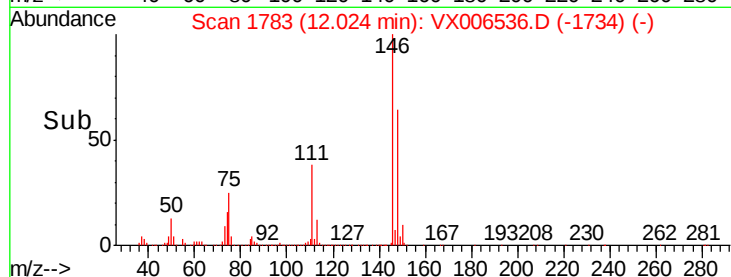
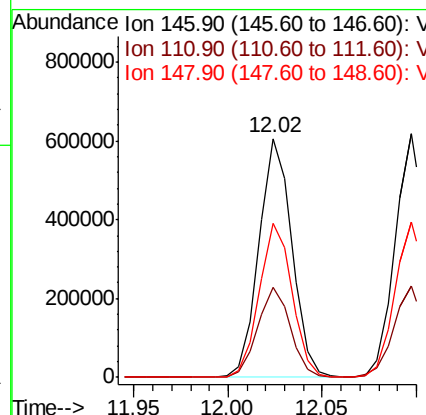
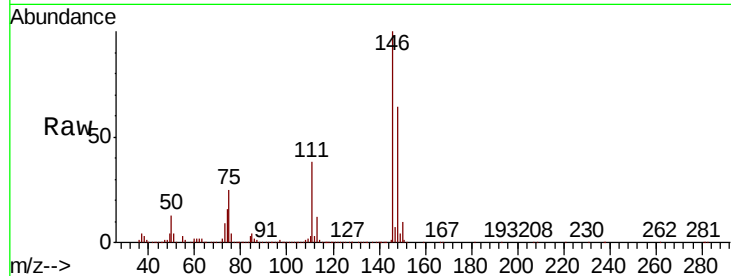




#87
 1,3-Dichlorobenzene
 Concen: 52.471 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

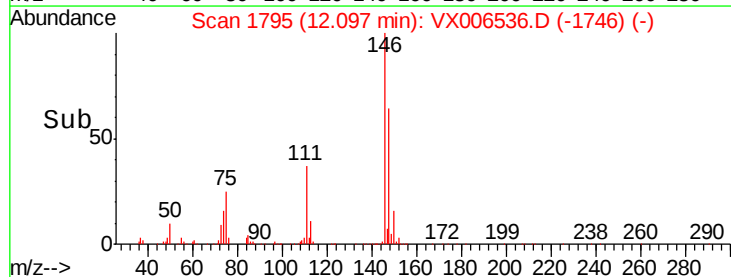
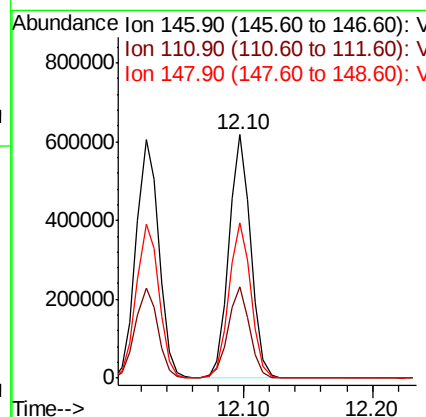
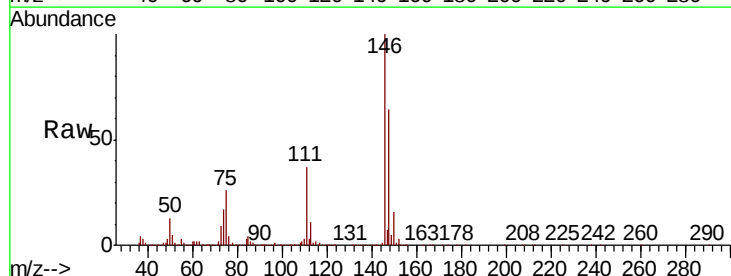
Instrument :
 MSVOA_X
 ClientSampleId :

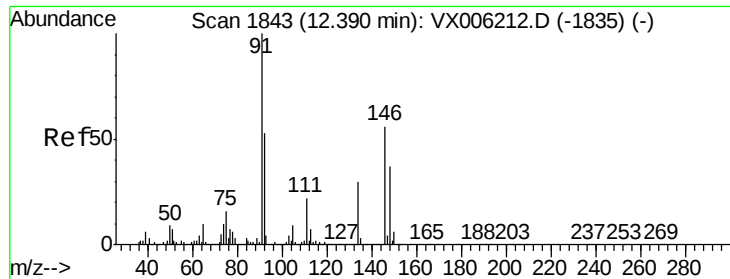
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.556 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.8
148	64.8	31.9	95.9

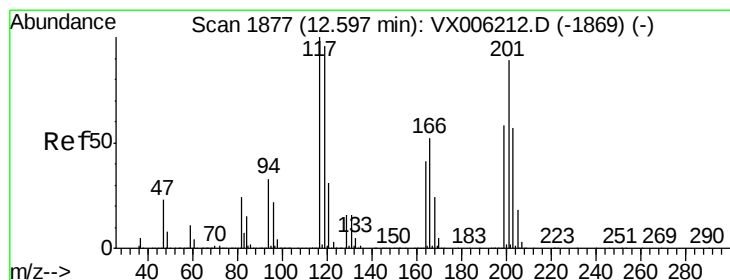
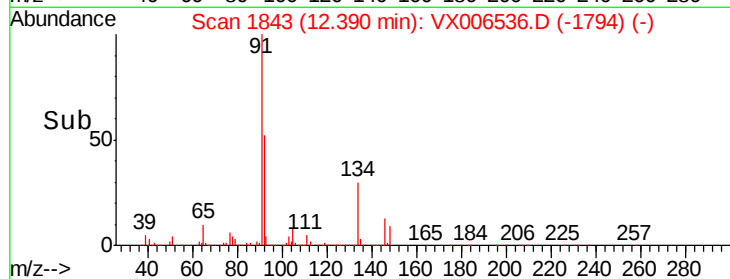
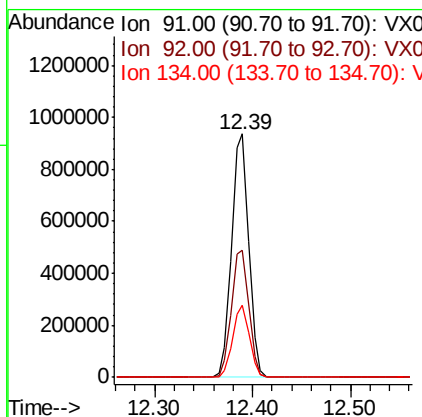
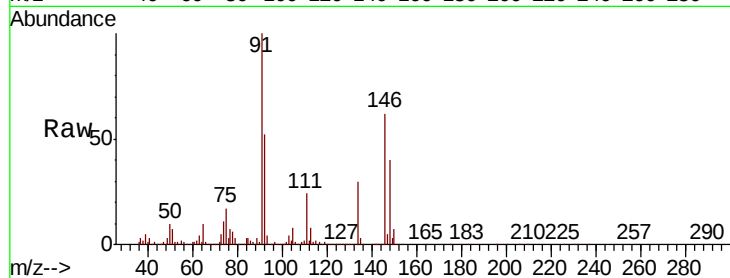




#89
n-Butylbenzene
Concen: 51.654 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

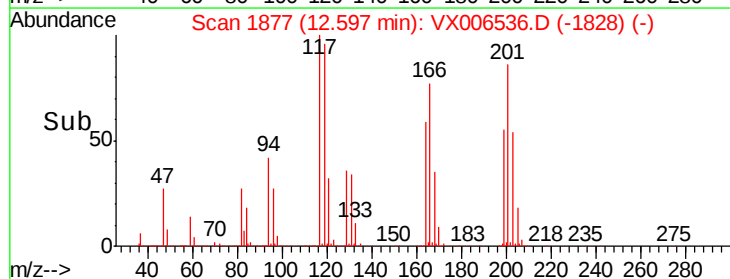
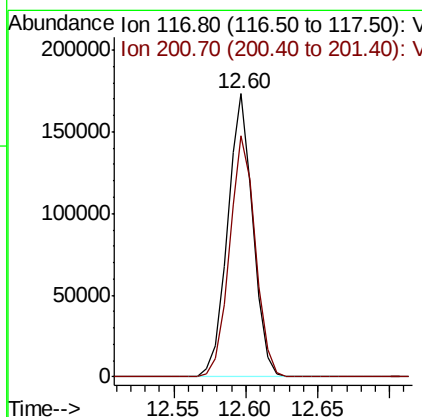
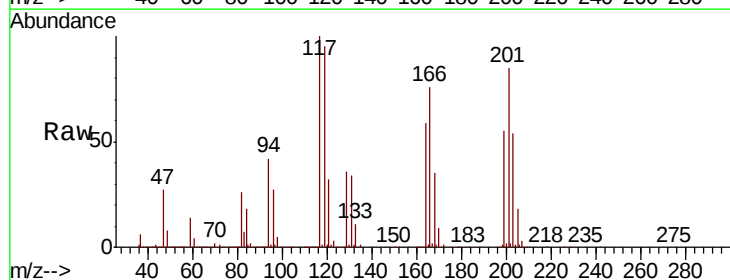
Instrument :
MSVOA_X
ClientSampleId :

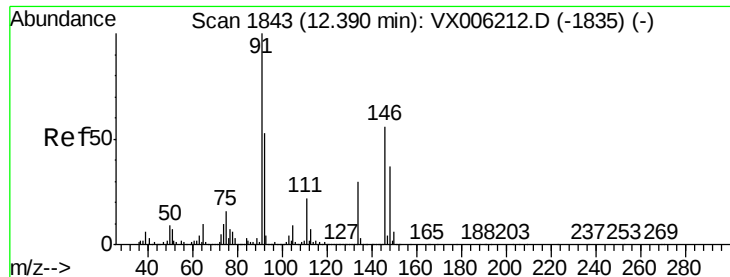
Tot Ion: 91 Resp: 1138376
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 29.1 14.8 44.3



#90
Hexachloroethane
Concen: 40.615 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006536.D
Acq: 15 Dec 2018 01:02

Tgt Ion: 117 Resp: 213807
Ion Ratio Lower Upper
117 100
201 86.8 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 52.451 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Instrument :

MSVOA_X

ClientSampleId :

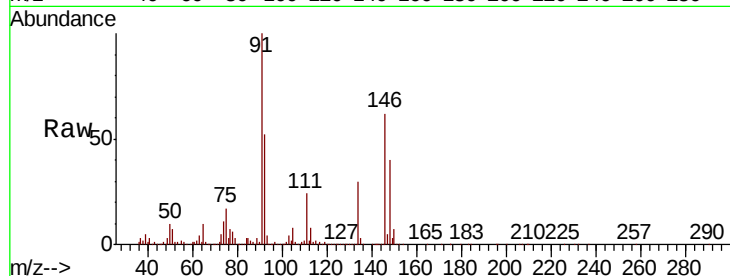
Tot Ion:146 Resp: 730081

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

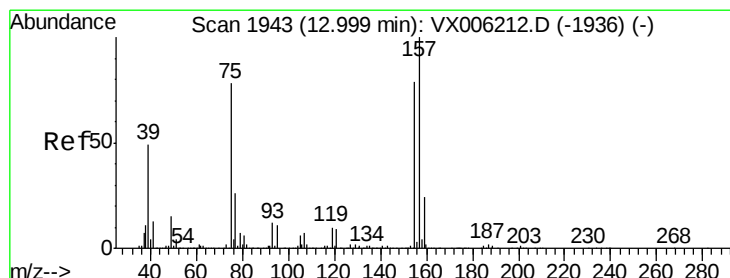
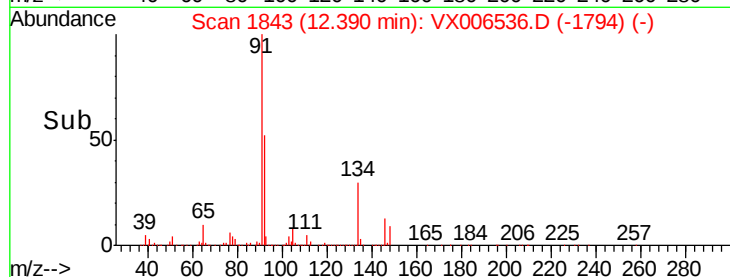
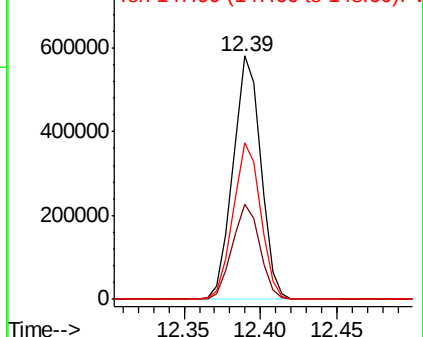
148 64.2 32.1 96.3



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: 43.238 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

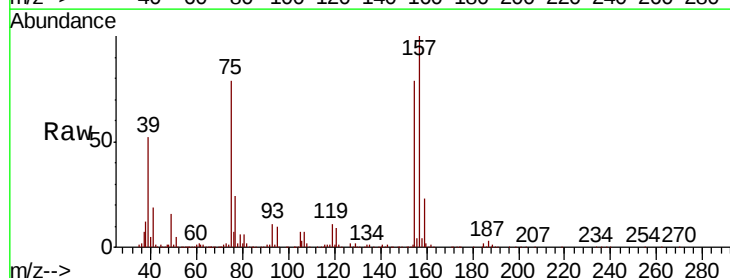
Tgt Ion: 75 Resp: 100710

Ion Ratio Lower Upper

75 100

155 101.9 53.4 160.3

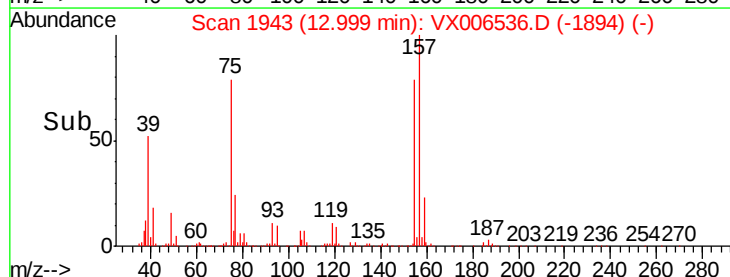
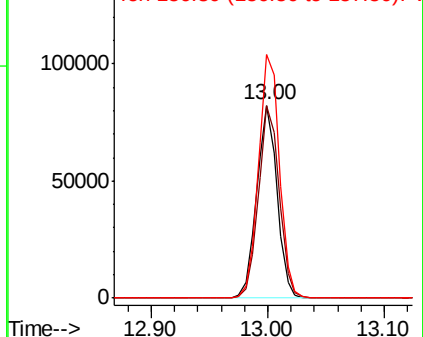
157 130.6 68.0 203.8

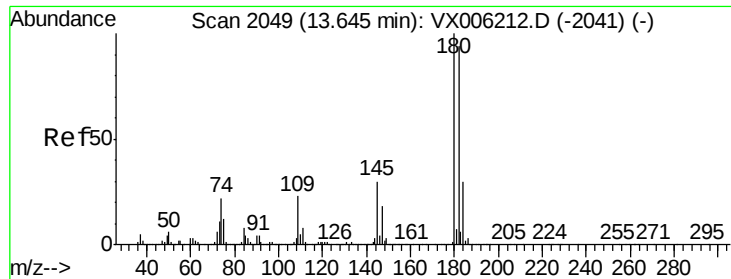


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

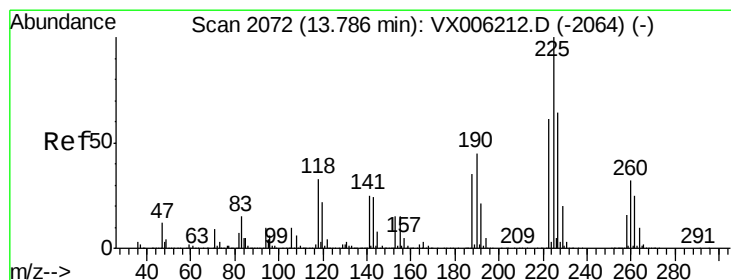
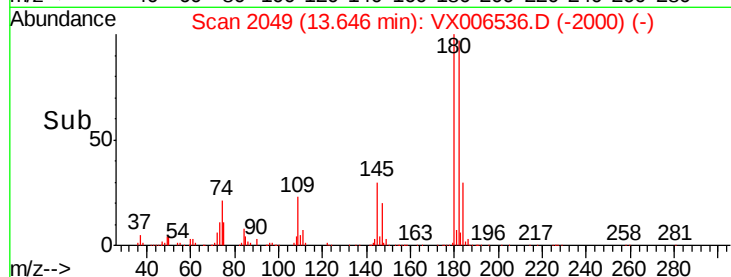
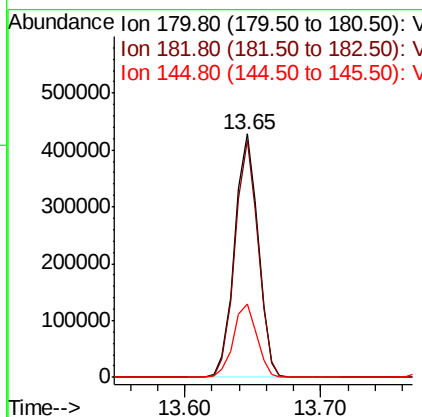
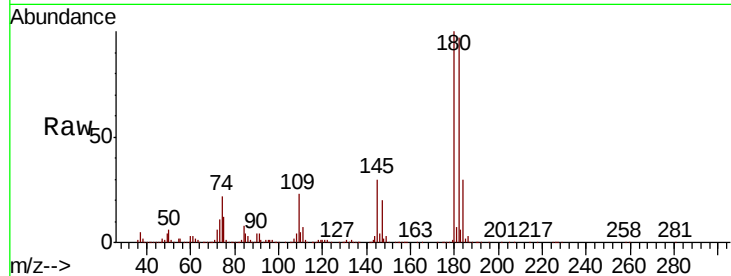




#93
 1,2,4-Trichlorobenzene
 Concen: 50.814 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

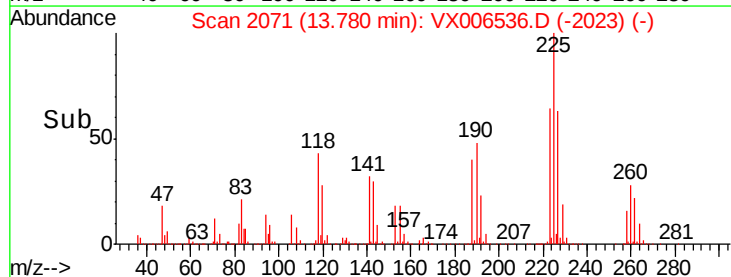
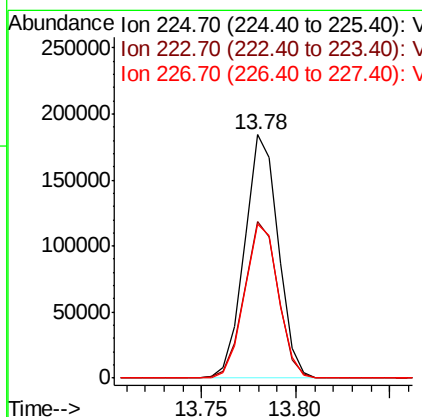
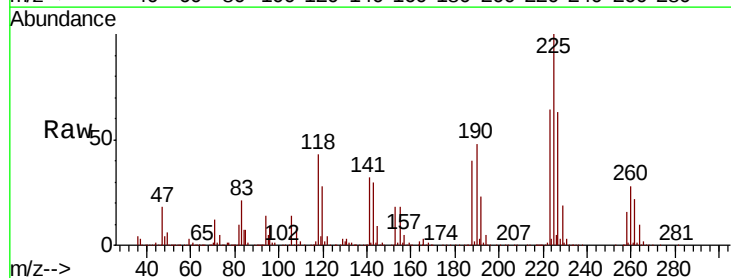
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	30.1	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 50.682 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006536.D
 Acq: 15 Dec 2018 01:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.2	93.6
227	63.9	31.9	95.5





#95

Naphthalene

Concen: 53.142 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

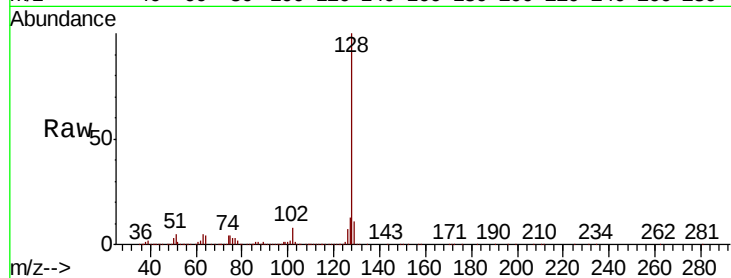
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1678652

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.9	13.3

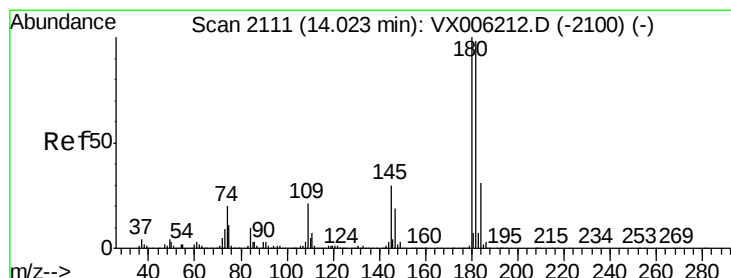
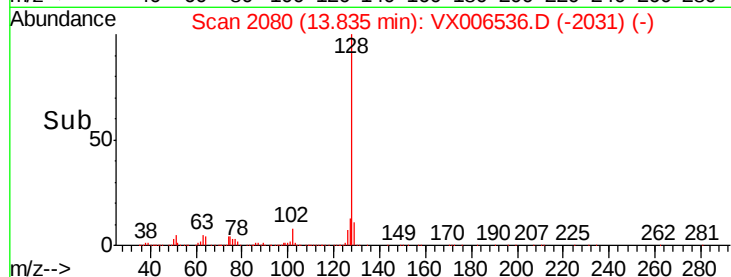
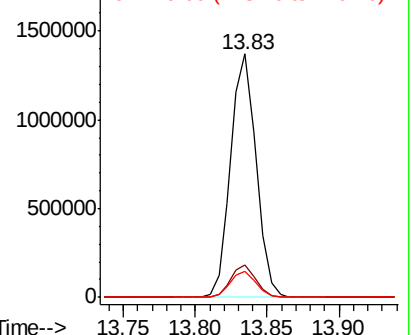


Abundance

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: 51.758 ug/l

RT: 14.02 min Scan# 2110

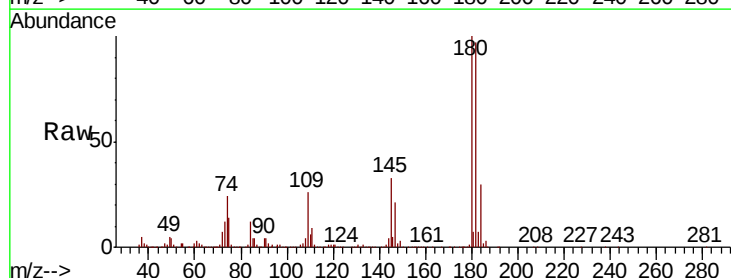
Delta R.T. -0.01 min

Lab File: VX006536.D

Acq: 15 Dec 2018 01:02

Tgt Ion:180 Resp: 520595

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.2
145	32.0	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

