

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006658.D
 Acq On : 20 Dec 2018 00:44
 Operator : JC/MD
 Sample : J6484-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	553996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	879261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	813759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	313162	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	5.50	113	285445	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.71	98	1059125	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	400144	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236654	46.695	ug/l	100
3) Chloromethane	1.33	50	269023	49.271	ug/l	96
4) Vinyl Chloride	1.41	62	288281	50.553	ug/l	99
5) Bromomethane	1.64	94	279205	52.564	ug/l	98
6) Chloroethane	1.72	64	185268	46.921	ug/l	100
7) Trichlorofluoromethane	1.93	101	443233	49.853	ug/l	100
8) Diethyl Ether	2.19	74	175340	49.653	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	250746	48.033	ug/l	98
10) Methyl Iodide	2.51	142	424995	56.874	ug/l	100
11) Tert butyl alcohol	3.07	59	350081	262.724	ug/l	99
12) 1,1-Dichloroethene	2.37	96	250766	50.662	ug/l	98
13) Acrolein	2.29	56	196749	218.874	ug/l	98
14) Allyl chloride	2.73	41	418055	50.177	ug/l	99
15) Acrylonitrile	3.15	53	789990	267.017	ug/l	99
16) Acetone	2.45	43	651798	237.610	ug/l	99
17) Carbon Disulfide	2.57	76	588067	44.894	ug/l	99
18) Methyl Acetate	2.78	43	418073	51.831	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	861415	52.434	ug/l	100
20) Methylene Chloride	2.85	84	286103	50.438	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	266305	48.557	ug/l	99
22) Diisopropyl ether	3.87	45	800344	52.508	ug/l	99
23) Vinyl Acetate	3.82	43	3010947	241.499	ug/l	100
24) 1,1-Dichloroethane	3.70	63	457963	50.331	ug/l	98
25) 2-Butanone	4.70	43	986615	255.695	ug/l	99
26) 2,2-Dichloropropane	4.59	77	283530	40.340	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	305896	50.553	ug/l	99
28) Bromochloromethane	5.02	49	210697	55.122	ug/l	98
29) Tetrahydrofuran	5.15	42	670943	264.008	ug/l	100
30) Chloroform	5.21	83	484469	51.416	ug/l	98
31) Cyclohexane	5.57	56	394627	47.740	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	409036	51.411	ug/l	99
36) 1,1-Dichloropropene	5.80	75	346680	47.606	ug/l	99
37) Ethyl Acetate	4.85	43	357575	47.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	344959	48.742	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	435636	45.439	ug/l	100
40) Benzene	6.14	78	1087306	49.120	ug/l	99
41) Methacrylonitrile	5.06	41	215078	53.447	ug/l	98
42) 1,2-Dichloroethane	6.20	62	371720	49.281	ug/l	99
43) Isopropyl Acetate	6.46	43	580860	50.367	ug/l	99
44) Trichloroethene	7.21	130	317988	47.462	ug/l	95
45) 1,2-Dichloropropane	7.51	63	269845	50.094	ug/l	99
46) Dibromomethane	7.66	93	197698	49.896	ug/l	99
47) Bromodichloromethane	7.90	83	330293	50.210	ug/l	99
48) Methyl methacrylate	7.77	41	307252	52.390	ug/l	98
49) 1,4-Dioxane	7.75	88	164538	1073.750	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2002996	272.967	ug/l	99
52) Toluene	8.79	92	718184	50.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	358983	50.883	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	396807	51.259	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	300335	51.308	ug/l	99
56) Ethyl methacrylate	9.18	69	445419	53.839	ug/l	98
57) 1,3-Dichloropropane	9.37	76	476958	50.645	ug/l	100
59) 2-Hexanone	9.49	43	1526105	271.823	ug/l	100
60) Dibromochloromethane	9.59	129	287518	47.105	ug/l	98
61) 1,2-Dibromoethane	9.67	107	326177	52.419	ug/l	100
64) Tetrachloroethene	9.34	164	297847	46.223	ug/l	100
65) Chlorobenzene	10.14	112	841386	48.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	279011	51.945	ug/l	100
67) Ethyl Benzene	10.25	91	1382392	49.140	ug/l	99
68) m/p-Xylenes	10.36	106	1121894	101.065	ug/l	99
69) o-Xylene	10.69	106	547383	49.936	ug/l	98
70) Styrene	10.71	104	889743	51.305	ug/l	100
71) Bromoform	10.86	173	211187	44.161	ug/l	100
73) Isopropylbenzene	11.02	105	1451025	49.252	ug/l	99
74) N-amyl acetate	10.90	43	525923	49.873	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	455918	52.035	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	499675	62.435	ug/l	90
77) Bromobenzene	11.26	156	389164	48.860	ug/l	98
78) n-propylbenzene	11.36	91	1601362	49.360	ug/l	99
79) 2-Chlorotoluene	11.42	91	953076	48.477	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1200062	49.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110123	42.563	ug/l	97
82) 4-Chlorotoluene	11.51	91	1109057	49.178	ug/l	100
83) tert-Butylbenzene	11.77	119	1232702	50.757	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1239715	48.571	ug/l	100
85) sec-Butylbenzene	11.94	105	1467524	49.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	1316354	50.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	709637	49.436	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706516	48.011	ug/l	100
89) n-Butylbenzene	12.39	91	1106366	49.666	ug/l	99
90) Hexachloroethane	12.60	117	184355	45.332	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	704402	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93212	51.415	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	482813	48.743	ug/l	99

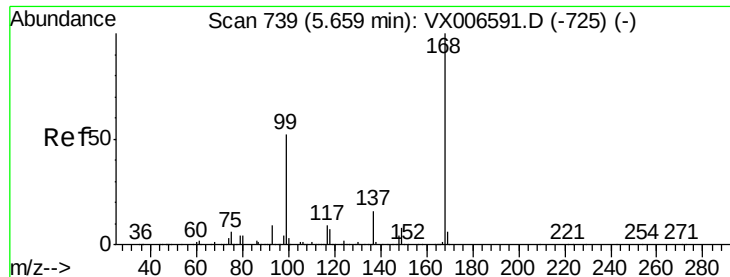
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	211863	45.379	ug/l	99
95) Naphthalene	13.83	128	1573126	49.760	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	495594	48.459	ug/l	98

(#) = 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. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

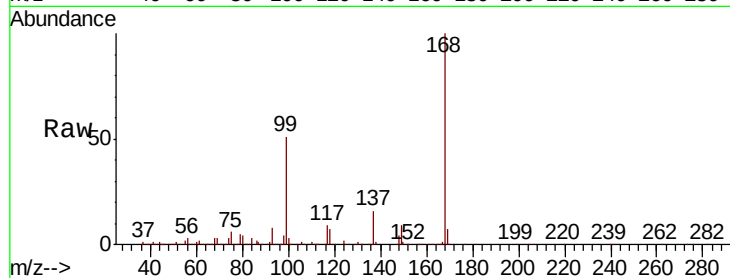
ClientSampled :

Tot Ion:168 Resp: 553996

Ion Ratio Lower Upper

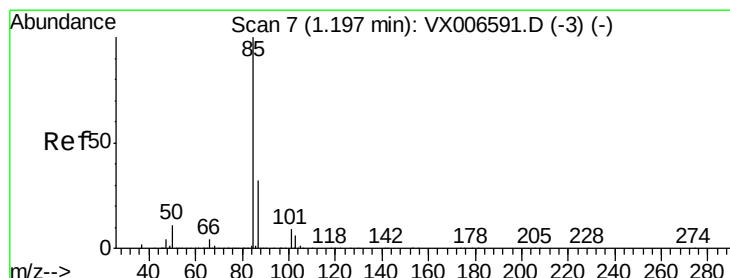
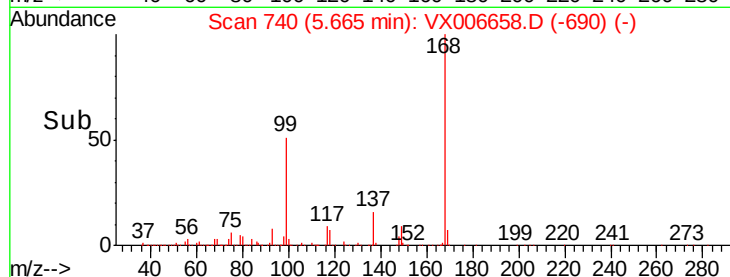
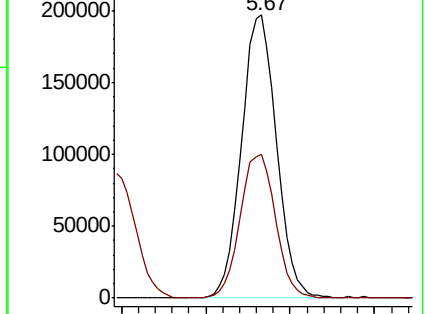
168 100

99 50.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.695 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006658.D

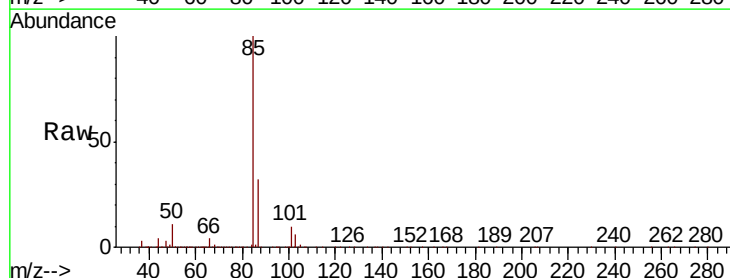
Acq: 20 Dec 2018 00:44

Tgt Ion: 85 Resp: 236654

Ion Ratio Lower Upper

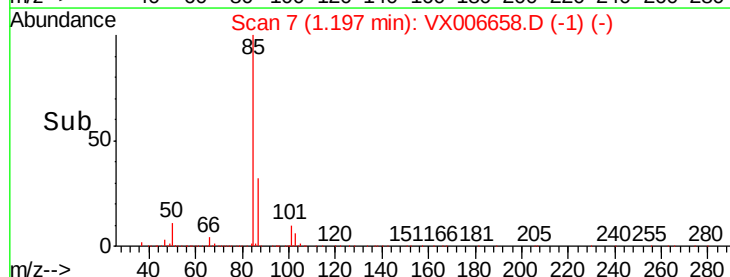
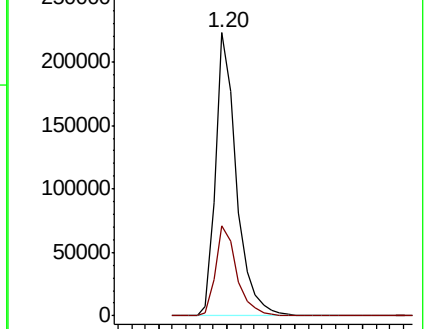
85 100

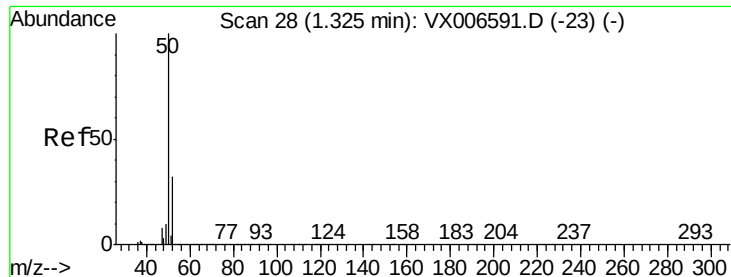
87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

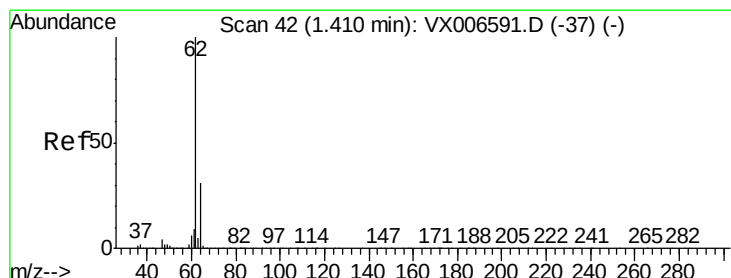
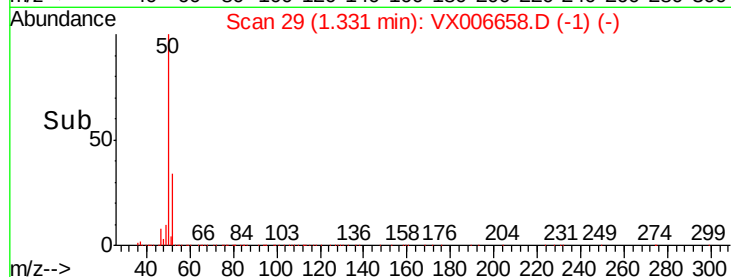
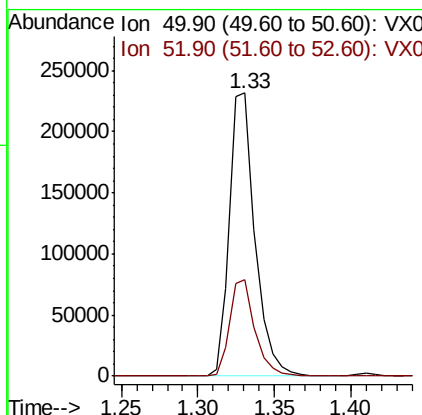
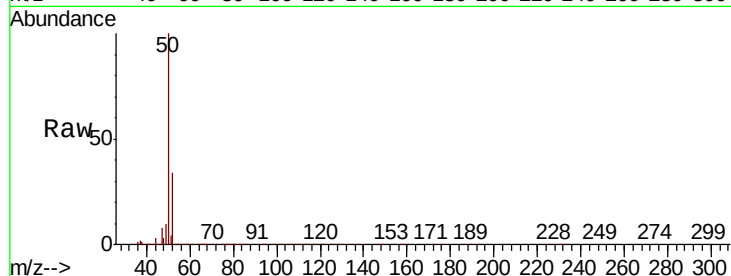




#3
Chloromethane
Concen: 49.271 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

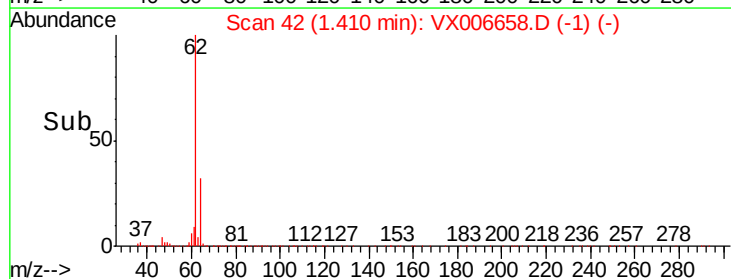
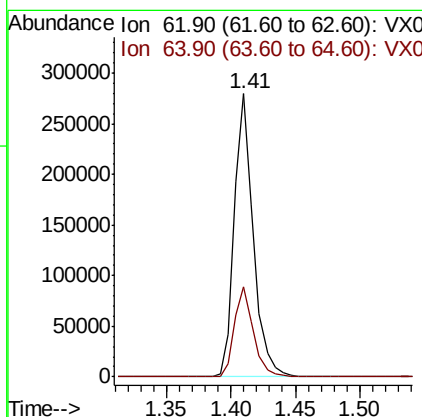
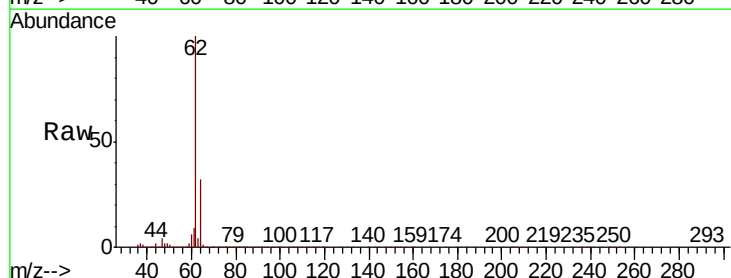
Instrument :
MSVOA_X
ClientSampleId :

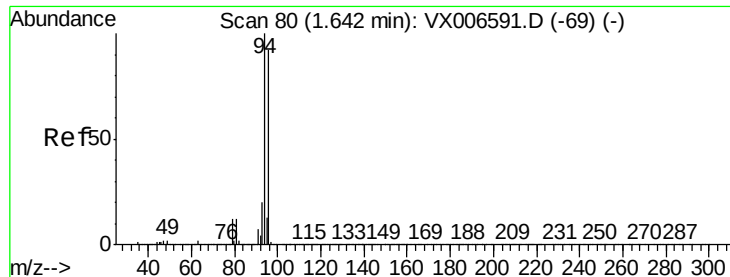
Tot Ion: 50 Resp: 269023
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 50.553 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 62 Resp: 288281
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5

Bromomethane

Concen: 52.564 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

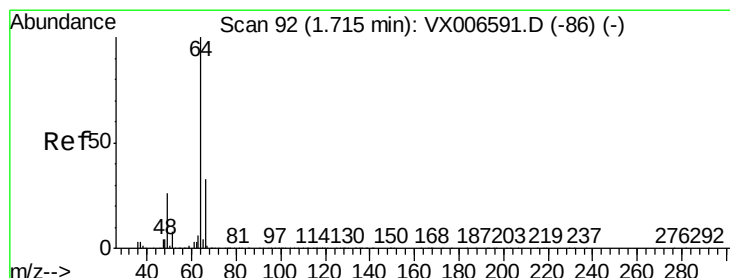
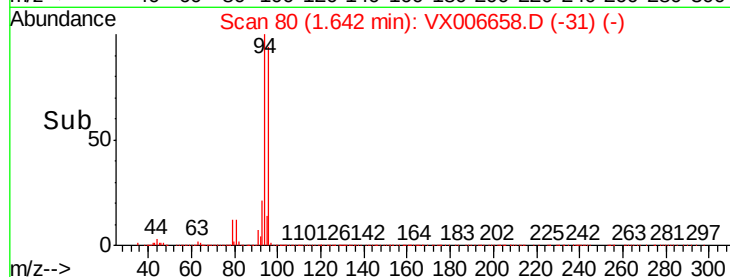
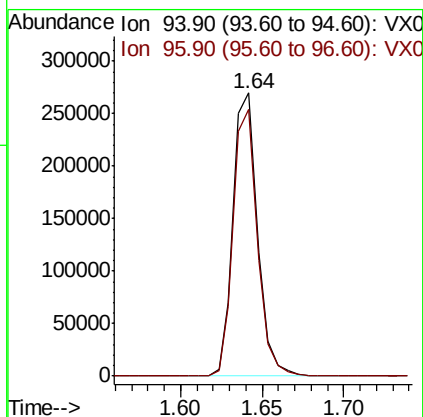
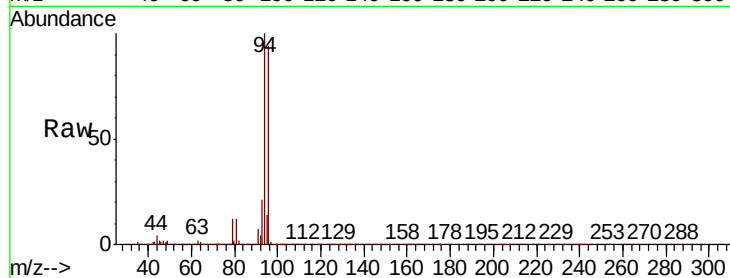
ClientSampleId :

Tot Ion: 94 Resp: 279205

Ion Ratio Lower Upper

94 100

96 94.0 73.4 110.2



#6

Chloroethane

Concen: 46.921 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006658.D

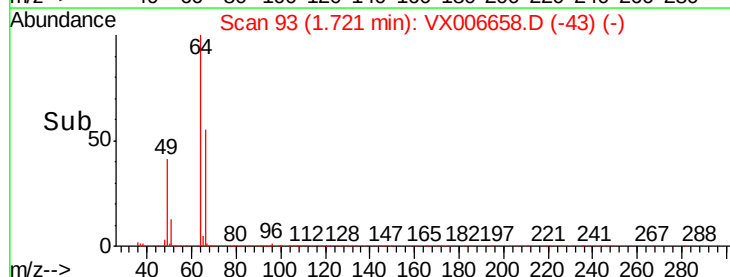
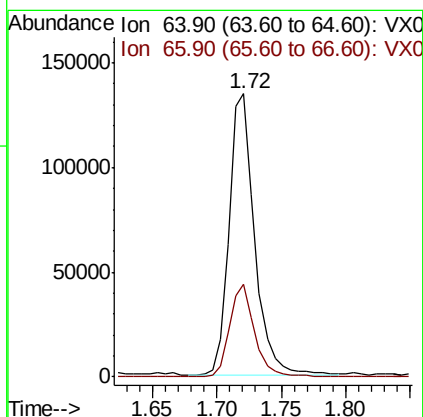
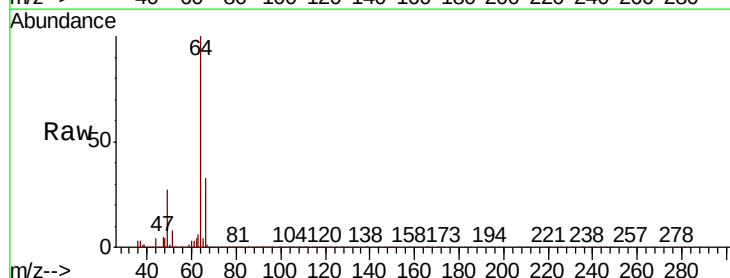
Acq: 20 Dec 2018 00:44

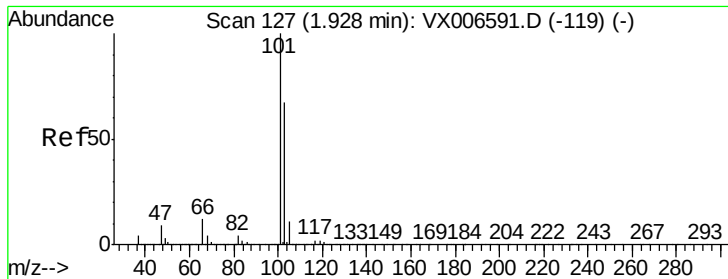
Tgt Ion: 64 Resp: 185268

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



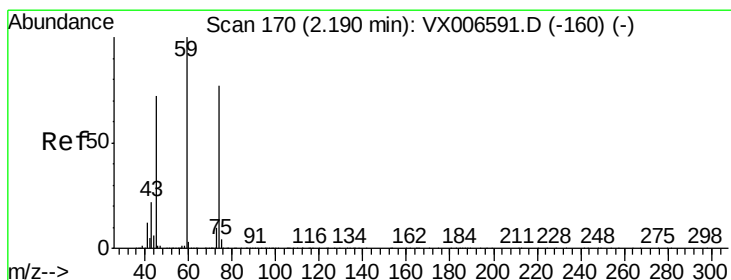
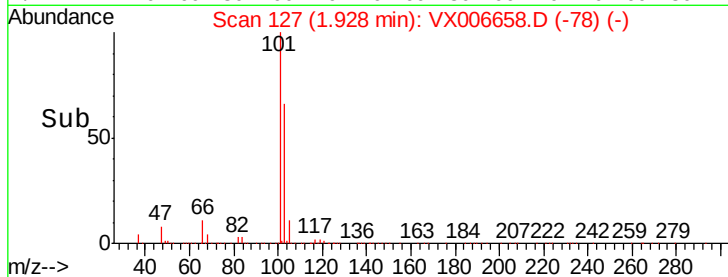
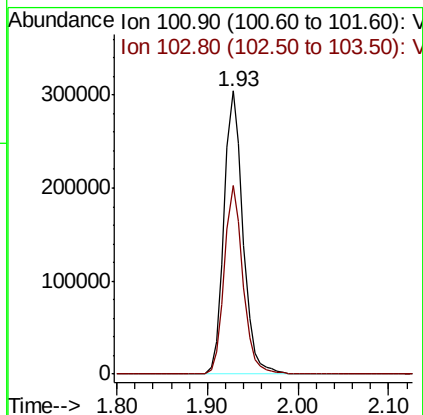
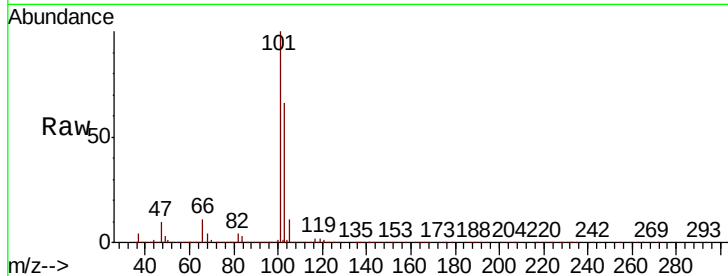


#7

Trichlorofluoromethane
 Concen: 49.853 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

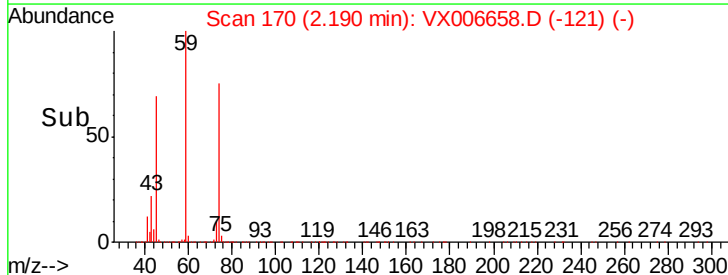
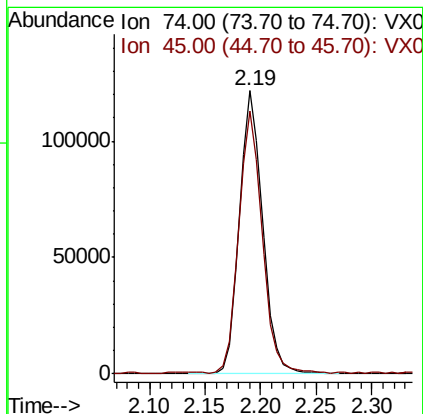
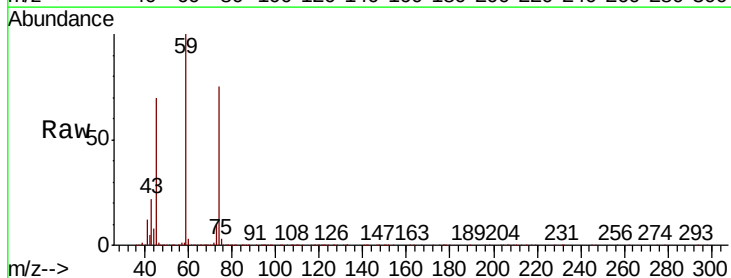
Tot Ion:101 Resp: 443233
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.2 79.8

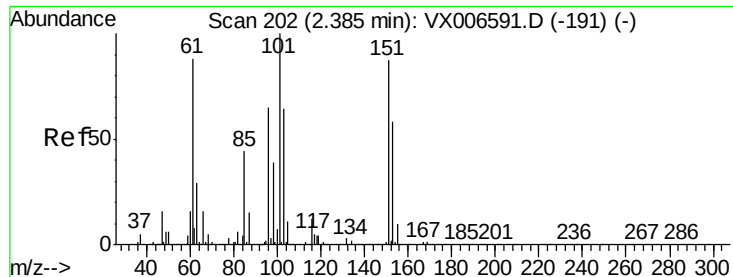


#8

Diethyl Ether
 Concen: 49.653 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 74 Resp: 175340
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.033 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

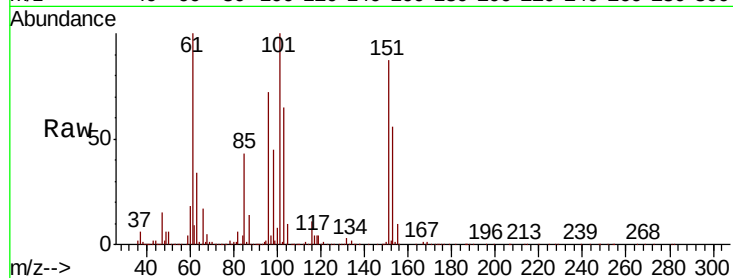
Tot Ion:101 Resp: 250746

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

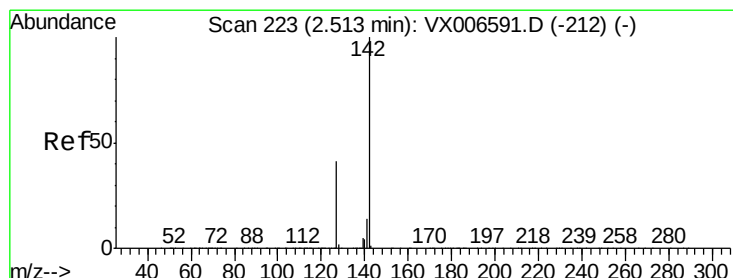
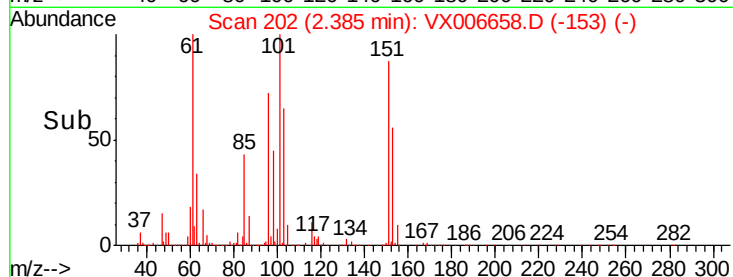
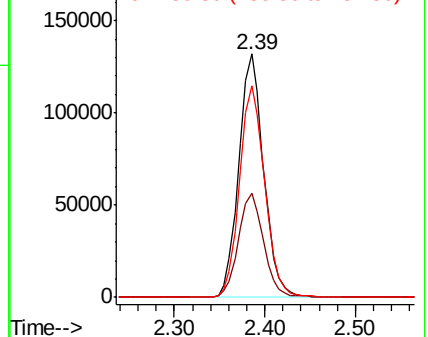
151 87.8 68.9 103.3



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: 56.874 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

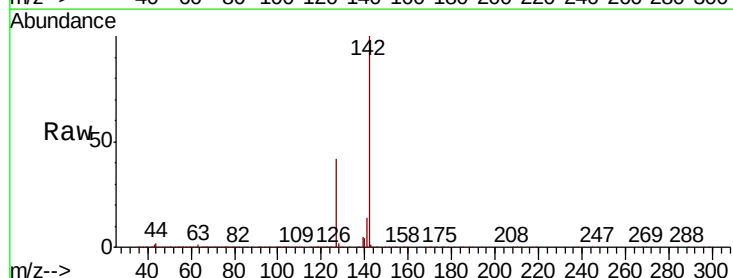
Tgt Ion:142 Resp: 424995

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

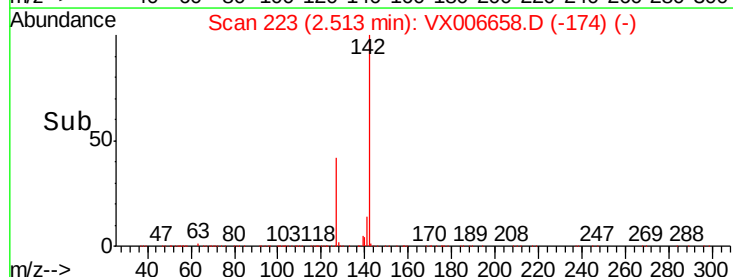
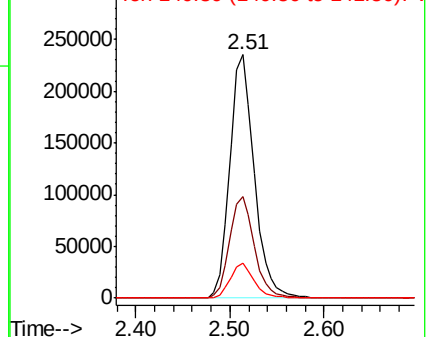
141 13.9 11.4 17.0

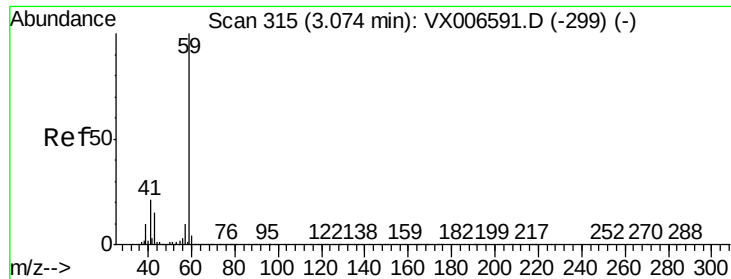


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



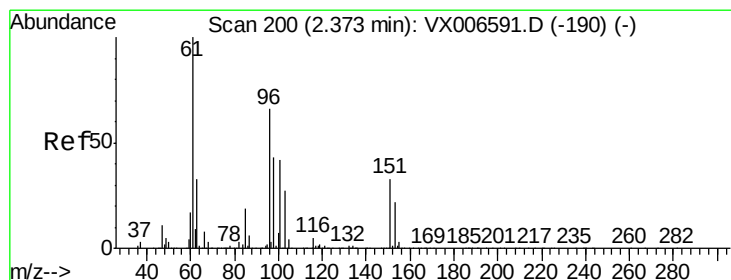
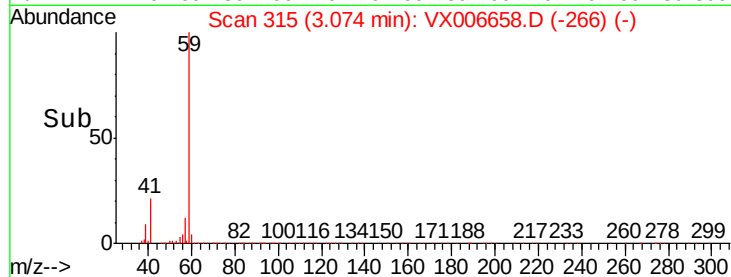
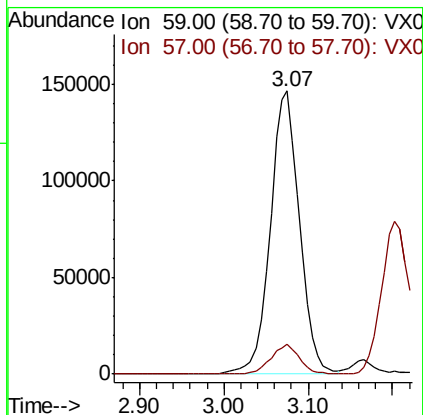
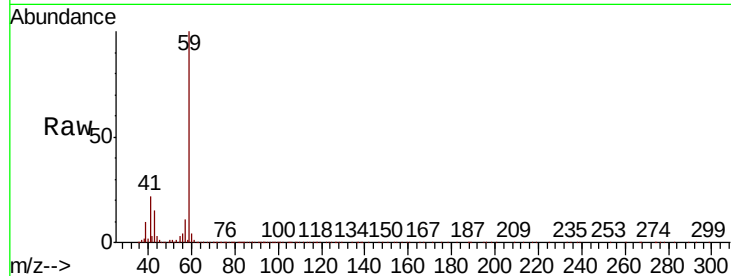


#11

Tert butyl alcohol
 Concen: 262.724 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

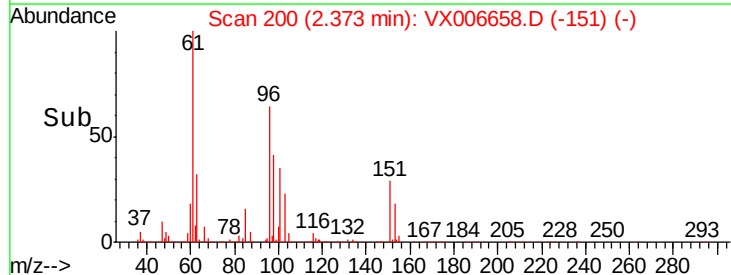
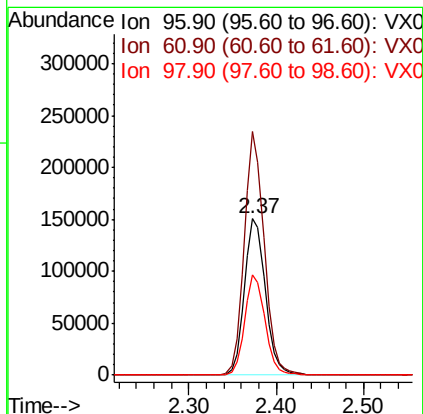
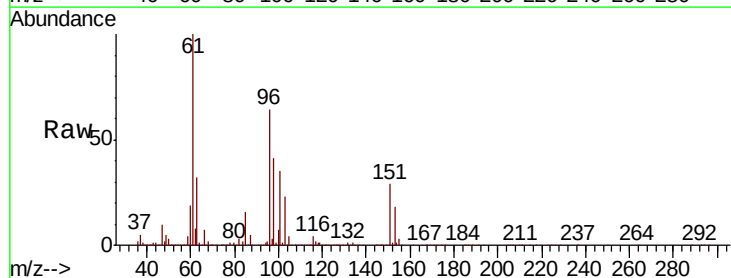
Tot Ion: 59 Resp: 350081
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

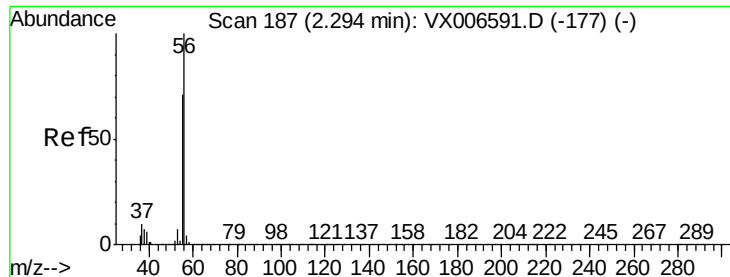


#12

1,1-Dichloroethene
 Concen: 50.662 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 96 Resp: 250766
 Ion Ratio Lower Upper
 96 100
 61 155.6 121.4 182.2
 98 64.3 51.9 77.9





#13

Acrolein

Concen: 218.874 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

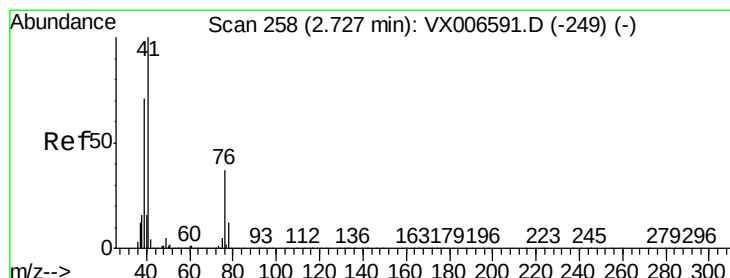
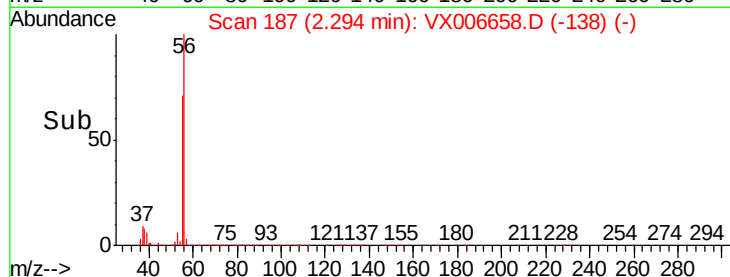
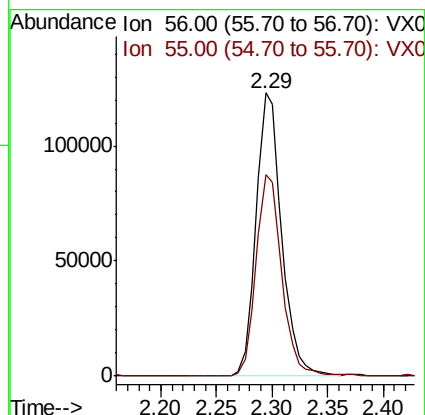
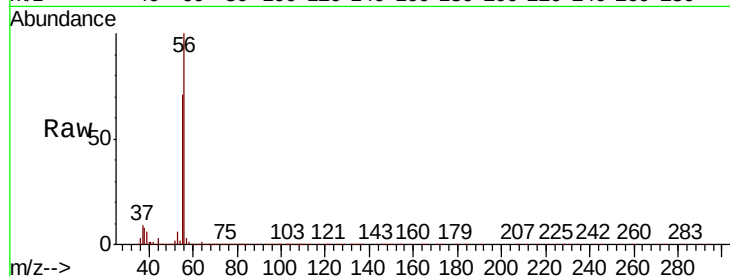
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 196749

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 50.177 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

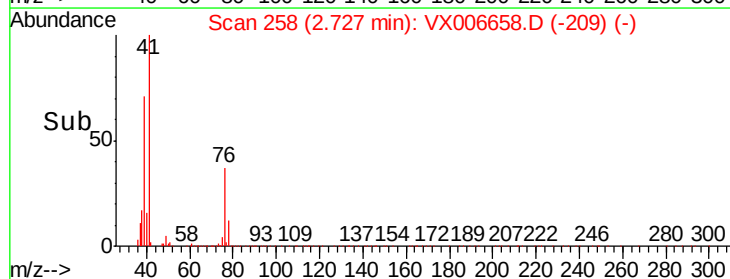
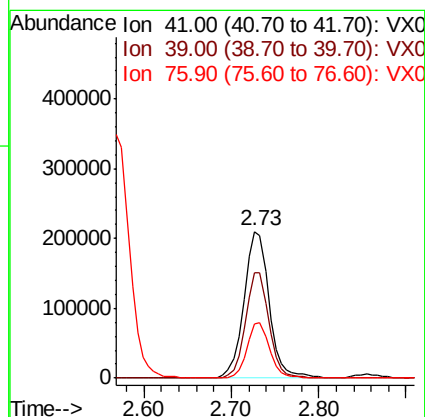
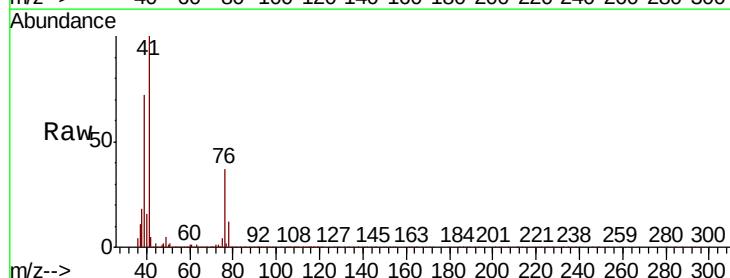
Tgt Ion: 41 Resp: 418055

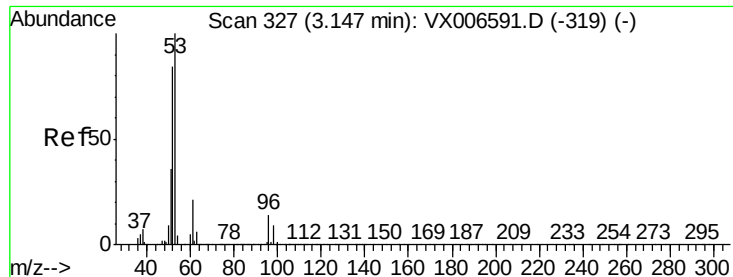
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 267.017 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :

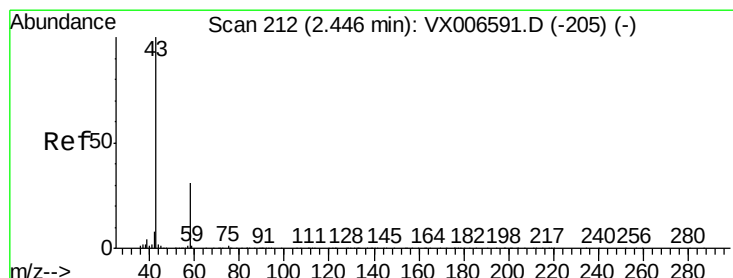
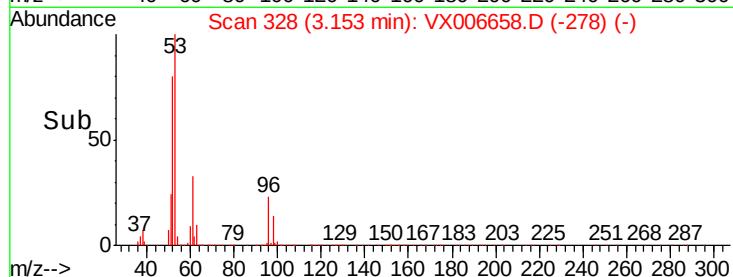
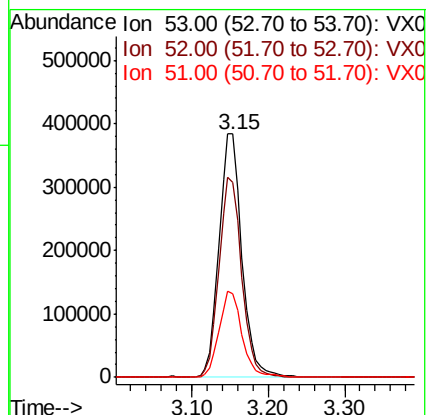
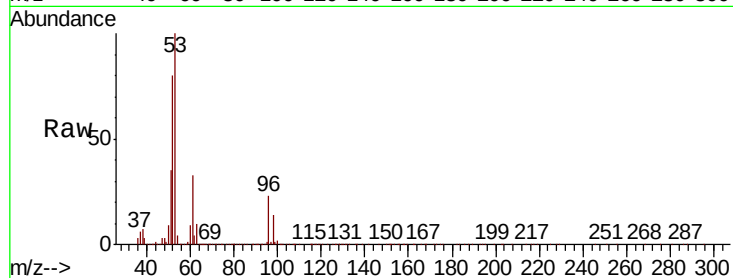
Tot Ion: 53 Resp: 789990

Ion Ratio Lower Upper

53 100

52 81.6 66.0 99.0

51 35.4 28.6 42.8



#16

Acetone

Concen: 237.610 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006658.D

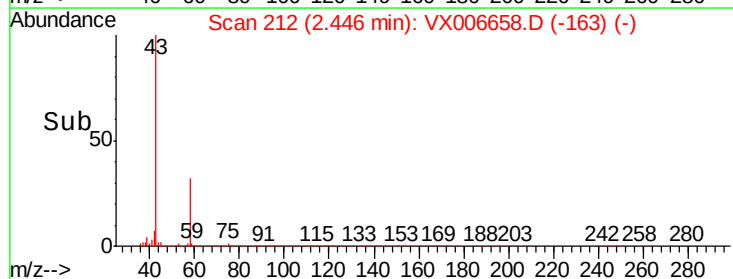
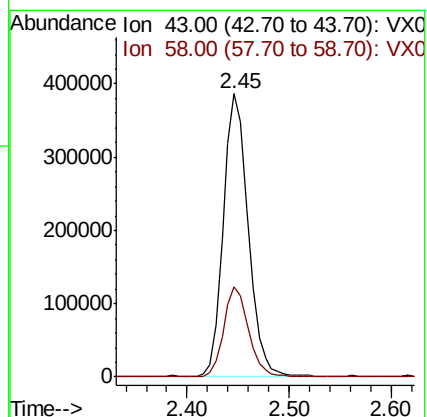
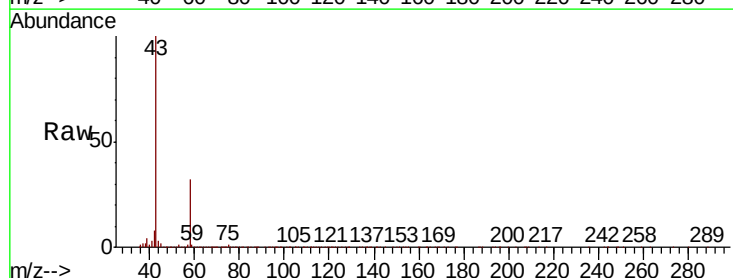
Acq: 20 Dec 2018 00:44

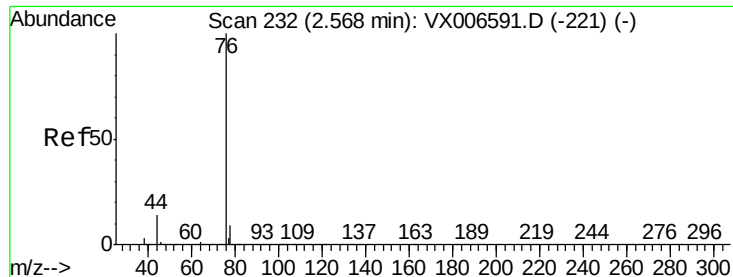
Tgt Ion: 43 Resp: 651798

Ion Ratio Lower Upper

43 100

58 32.0 25.0 37.6





#17

Carbon Disulfide

Concen: 44.894 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

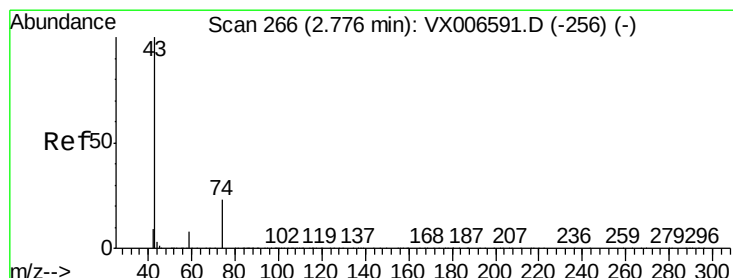
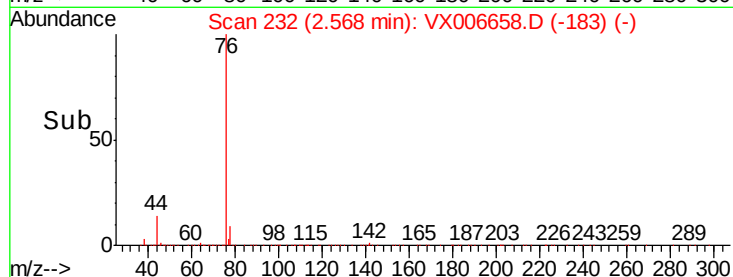
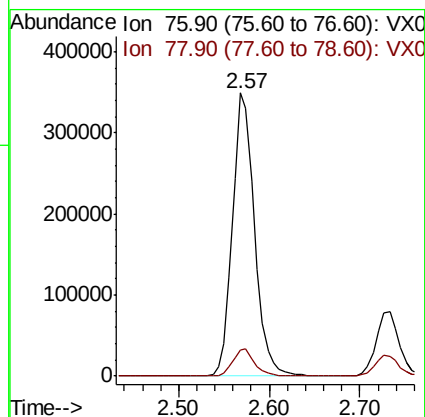
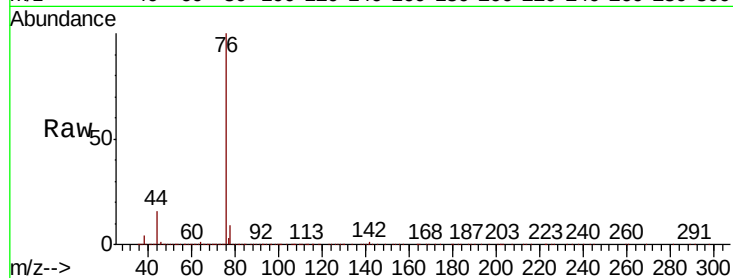
ClientSampleId :

Tot Ion: 76 Resp: 588067

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 51.831 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006658.D

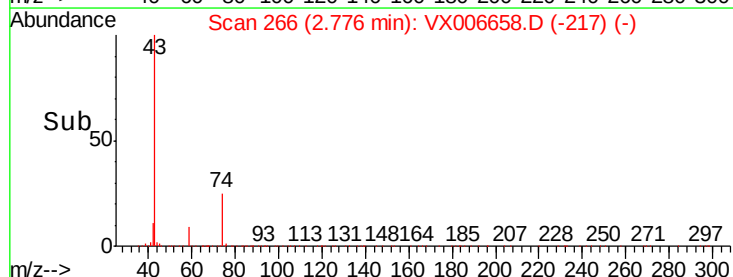
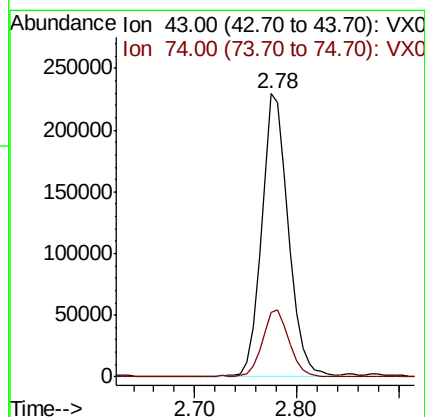
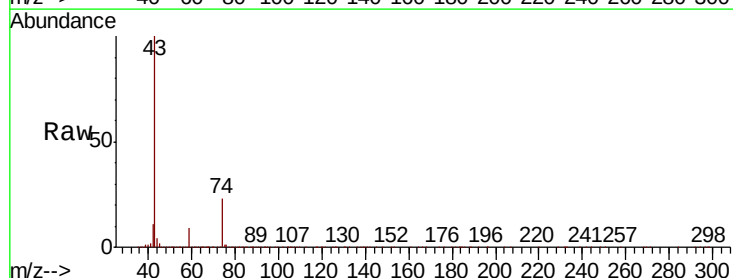
Acq: 20 Dec 2018 00:44

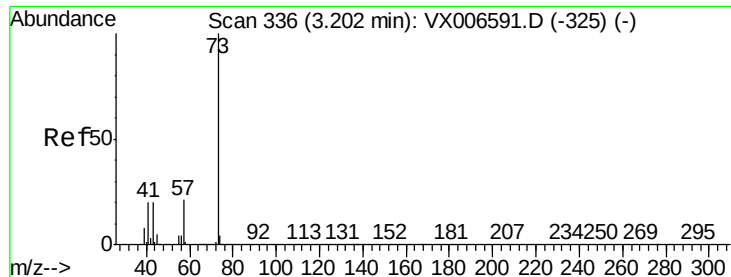
Tgt Ion: 43 Resp: 418073

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



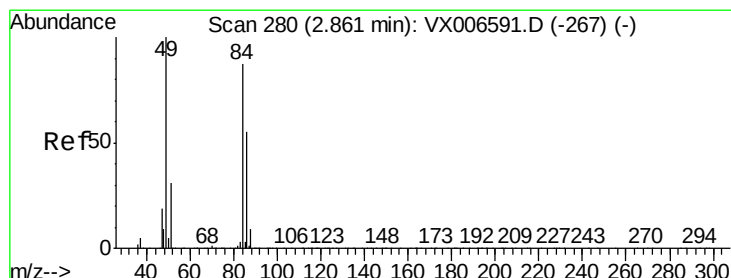
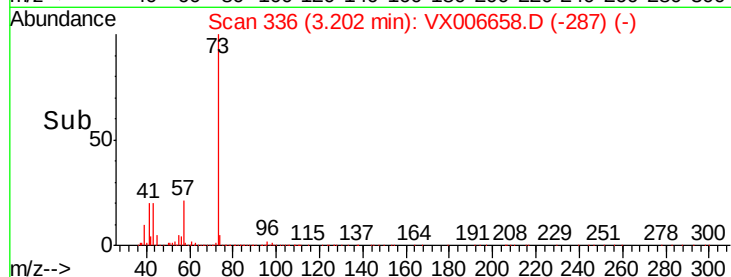
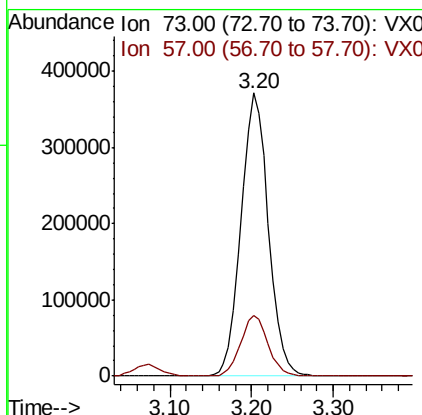
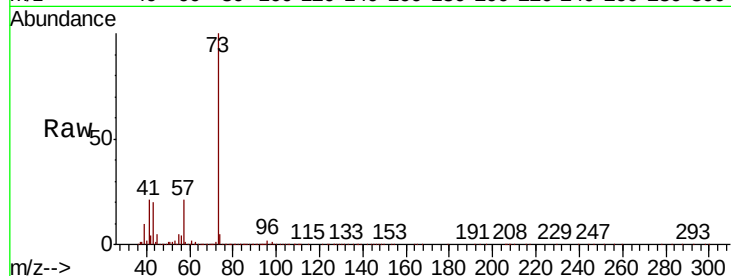


#19

Methyl tert-butyl Ether
 Concen: 52.434 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

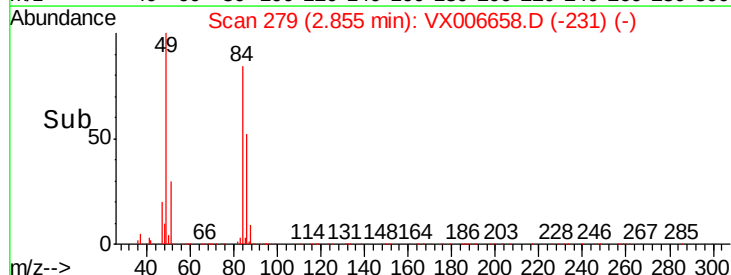
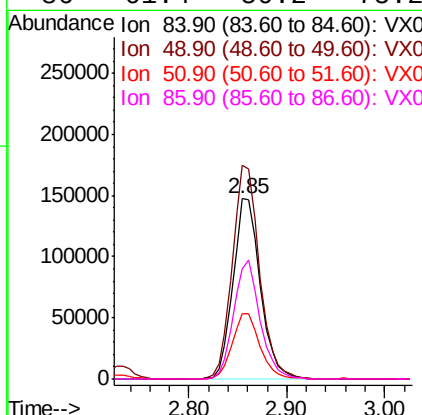
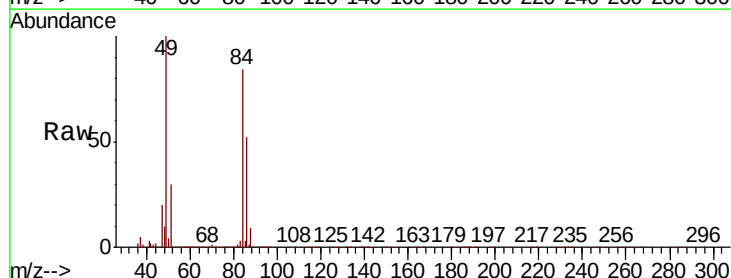
Tot Ion: 73 Resp: 861415
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

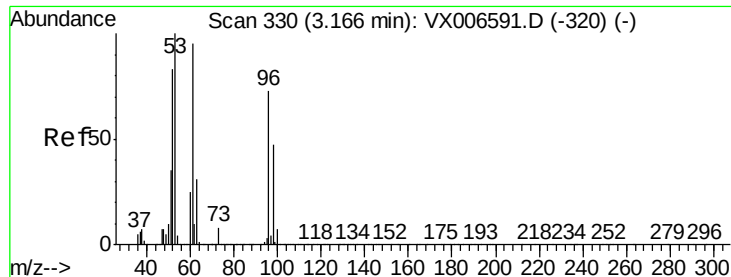


#20

Methylene Chloride
 Concen: 50.438 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 84 Resp: 286103
 Ion Ratio Lower Upper
 84 100
 49 118.3 91.8 137.6
 51 35.9 28.5 42.7
 86 61.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.557 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

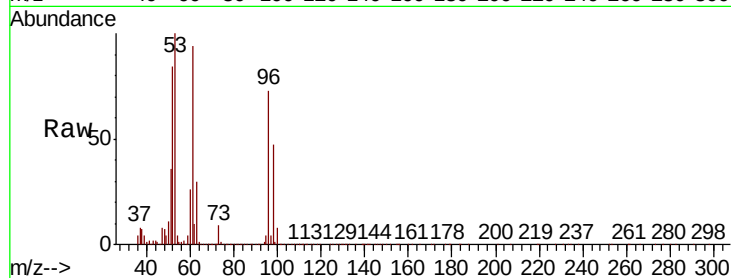
Tot Ion: 96 Resp: 266305

Ion Ratio Lower Upper

96 100

61 127.4 103.7 155.5

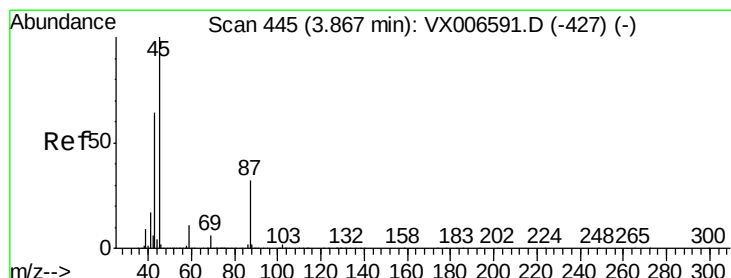
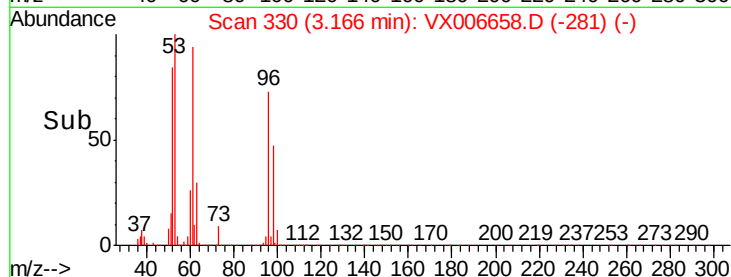
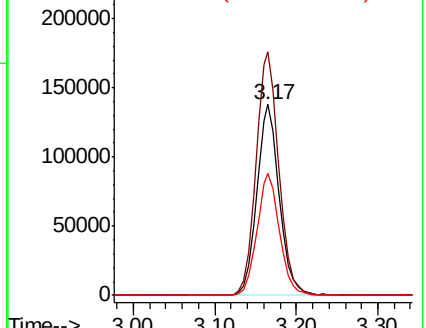
98 63.8 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.508 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion: 45 Resp: 800344

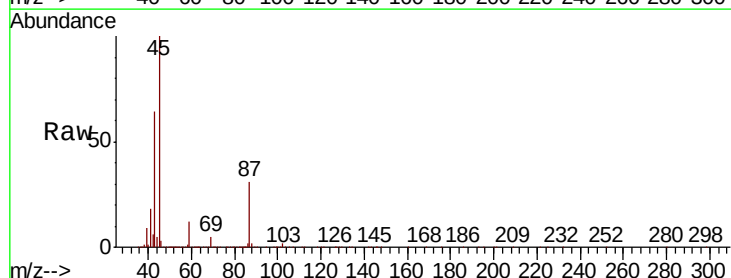
Ion Ratio Lower Upper

45 100

43 63.6 51.2 76.8

87 31.4 25.8 38.6

59 12.2 9.0 13.4

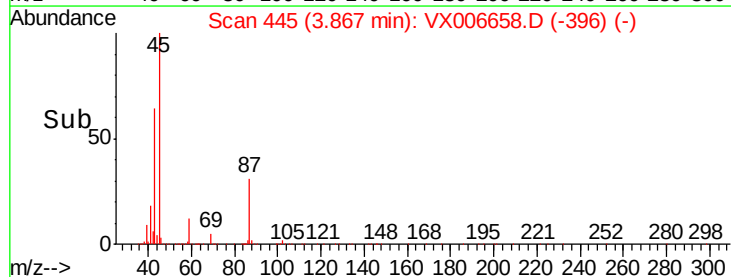
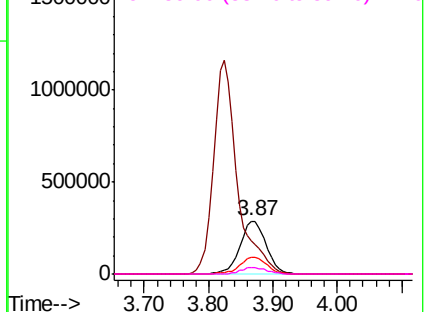


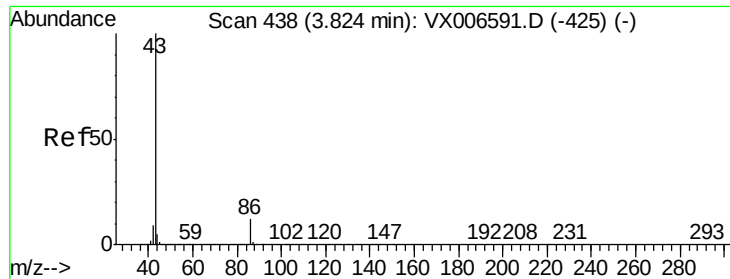
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

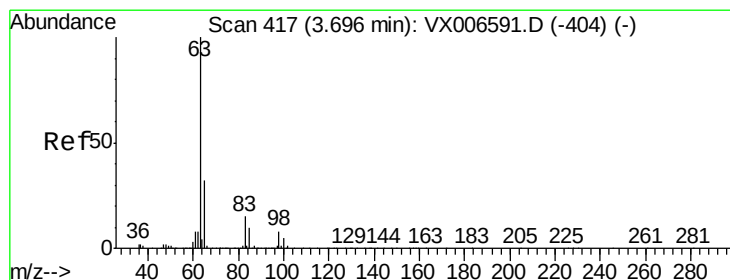
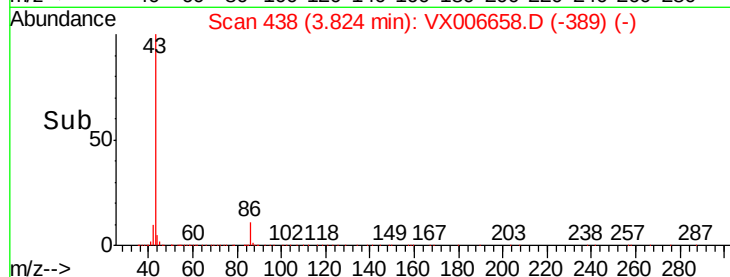
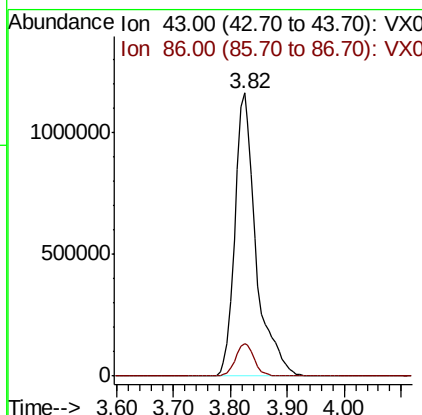
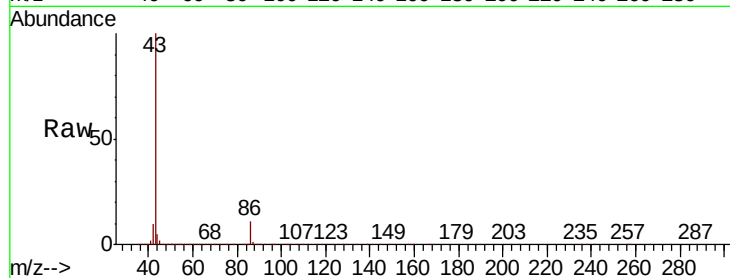




#23
 Vinyl Acetate
 Concen: 241.499 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

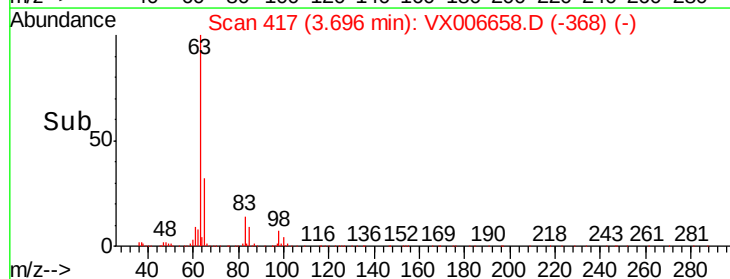
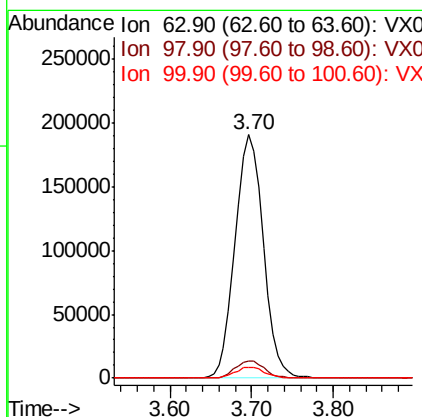
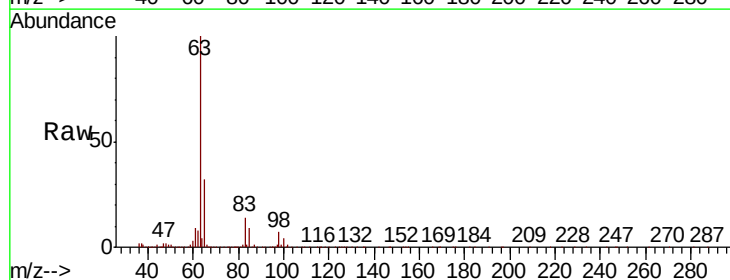
Instrument :
 MSVOA_X
 ClientSampled :

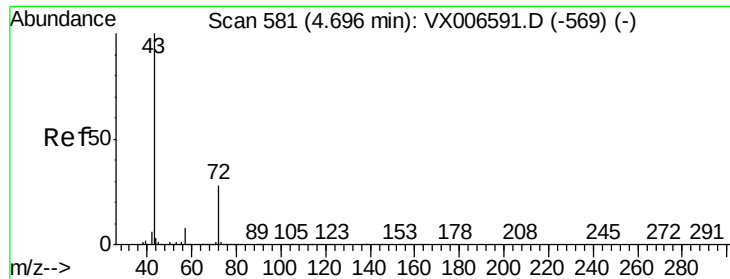
Tot Ion: 43 Resp: 3010947
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 50.331 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 63 Resp: 457963
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.3 2.4 7.2

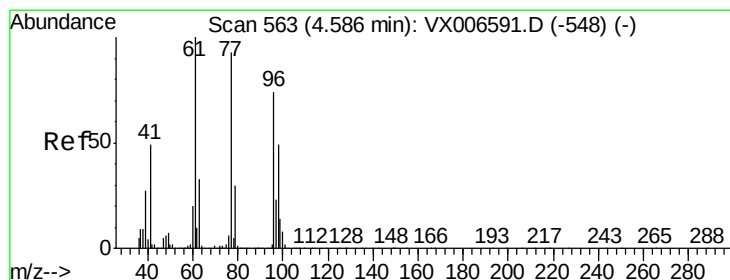
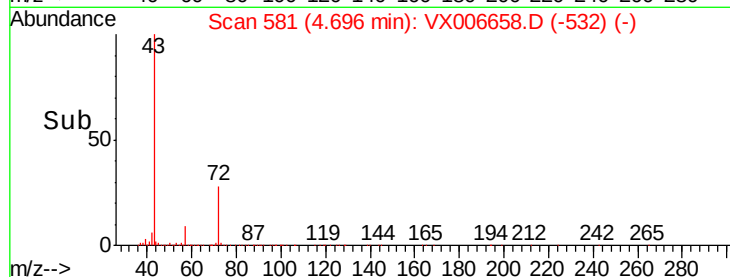
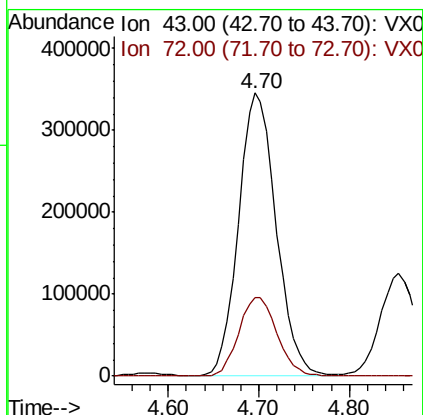
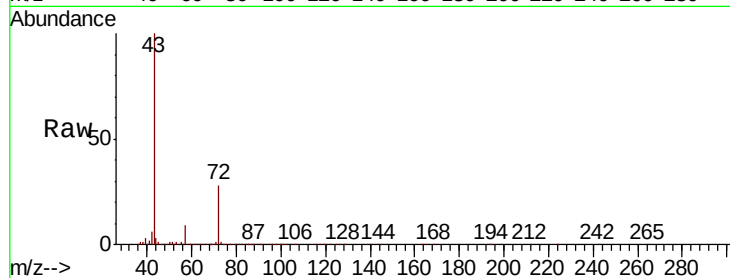




#25
2-Butanone
Concen: 255.695 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

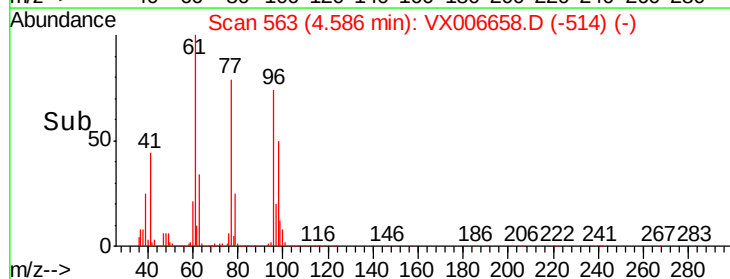
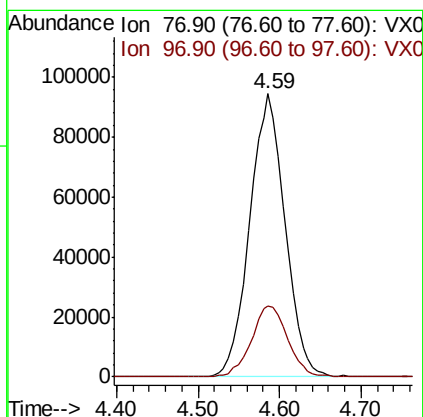
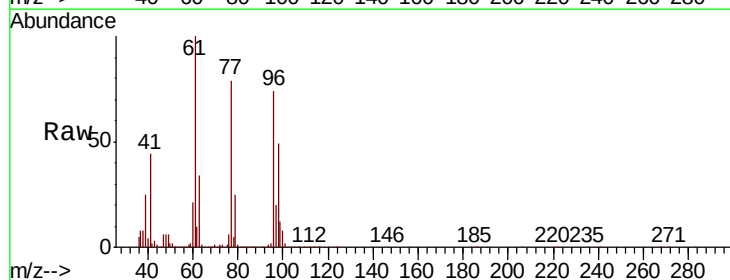
Instrument :
MSVOA_X
ClientSampleId :

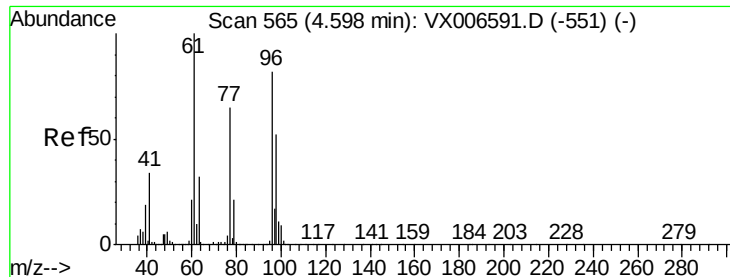
Tot Ion: 43 Resp: 986615
Ion Ratio Lower Upper
43 100
72 27.7 22.4 33.6



#26
2,2-Dichloropropane
Concen: 40.340 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 77 Resp: 283530
Ion Ratio Lower Upper
77 100
97 26.0 12.4 37.4



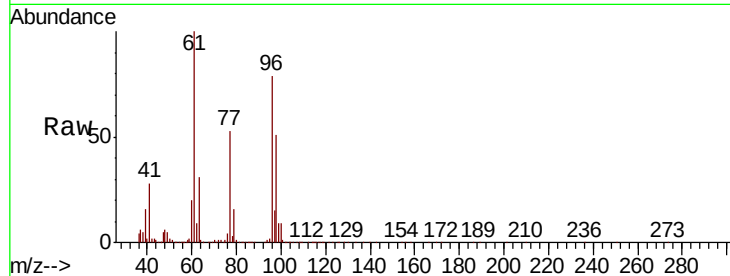


#27

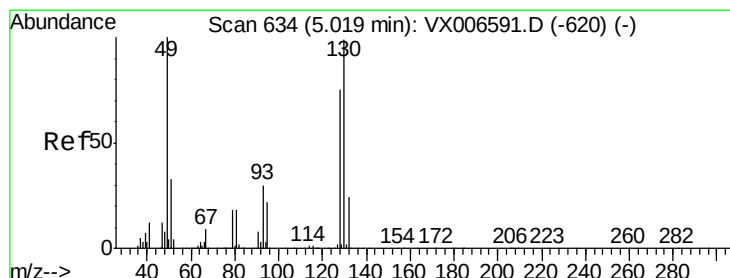
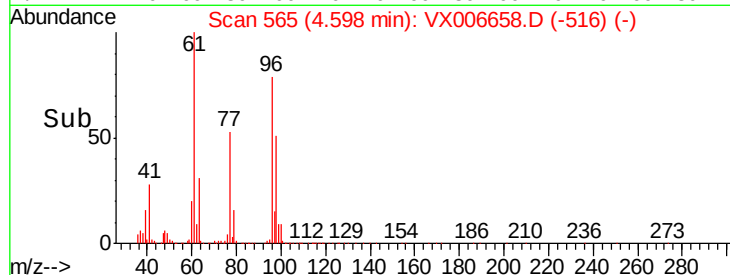
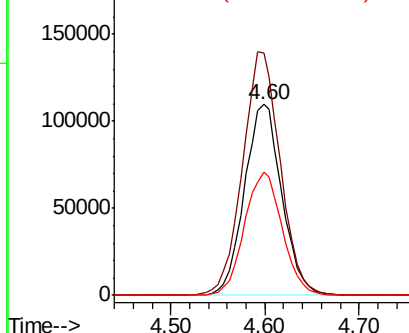
cis-1,2-Dichloroethene
 Concen: 50.553 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	258.6
98	65.3	0.0	132.0



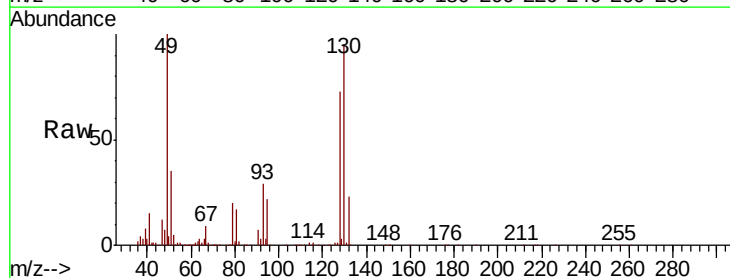
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



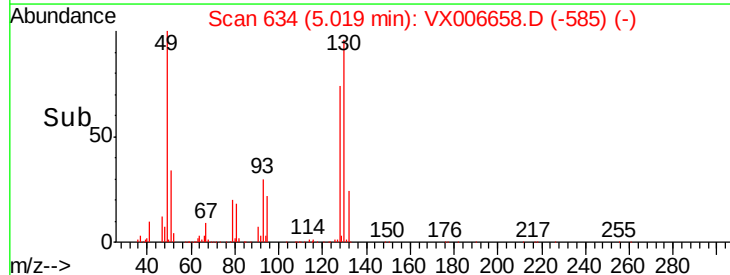
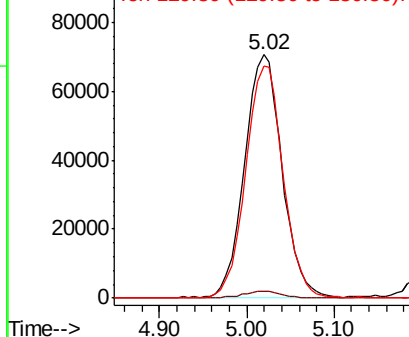
#28

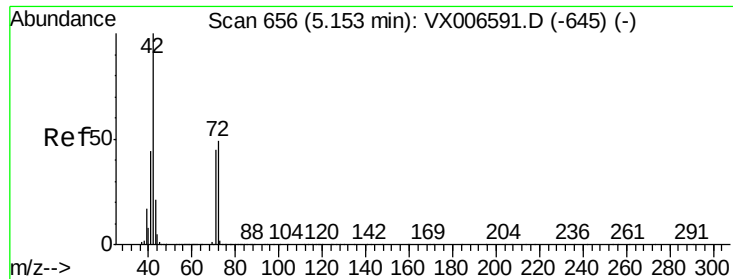
Bromochloromethane
 Concen: 55.122 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	95.0	77.7	116.5



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

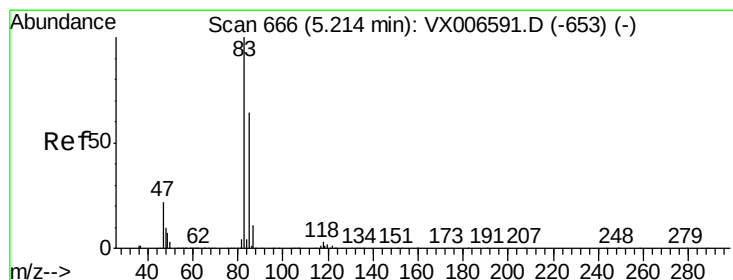
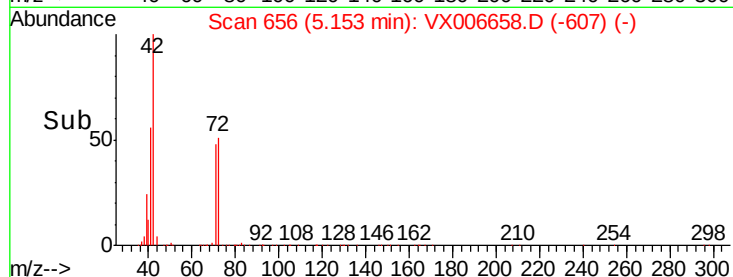
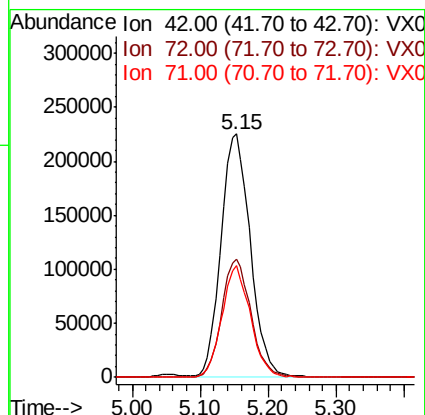
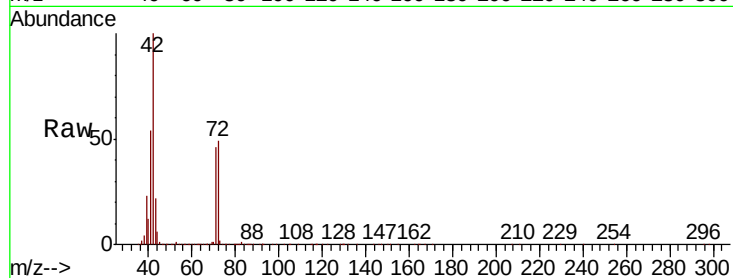




#29
Tetrahydrofuran
Concen: 264.008 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

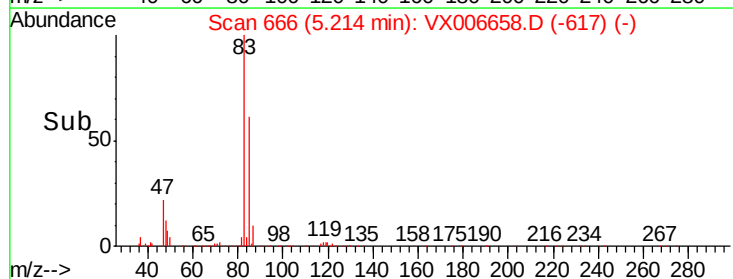
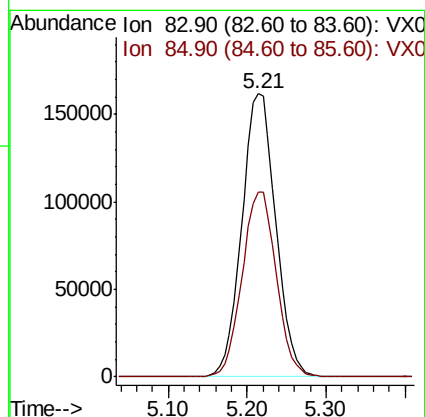
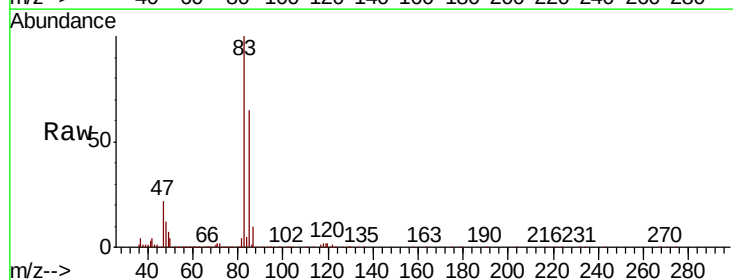
Instrument :
MSVOA_X
ClientSampleId :

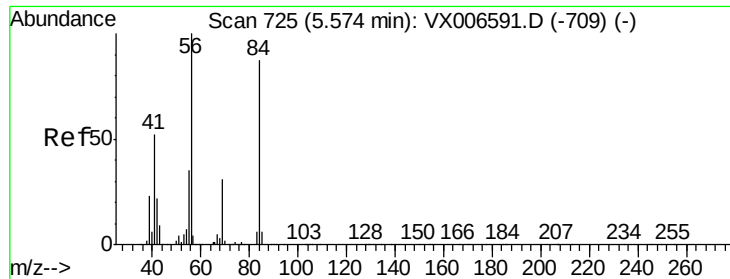
Tot Ion: 42 Resp: 670943
Ion Ratio Lower Upper
42 100
72 48.4 38.9 58.3
71 44.8 36.2 54.4



#30
Chloroform
Concen: 51.416 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 83 Resp: 484469
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8

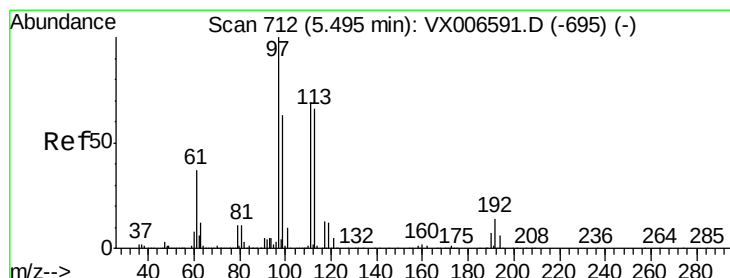
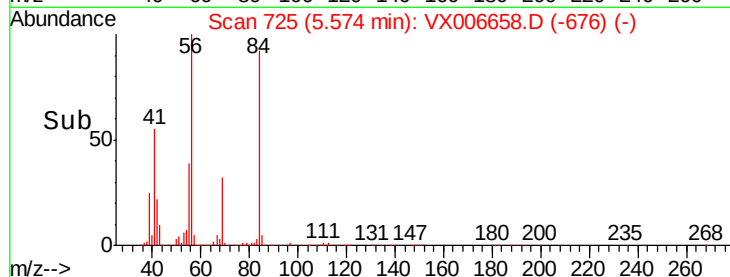
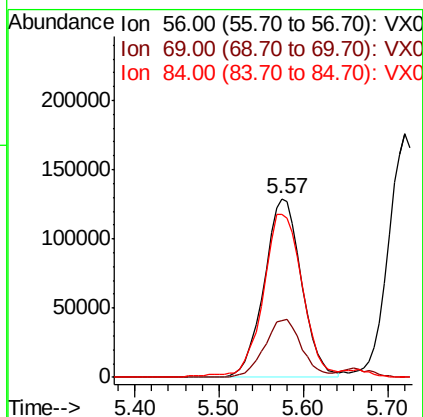
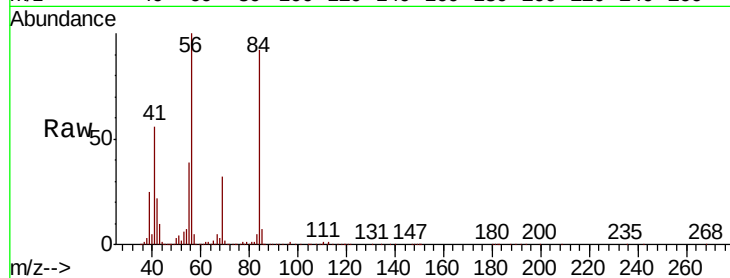




#31
Cyclohexane
Concen: 47.740 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

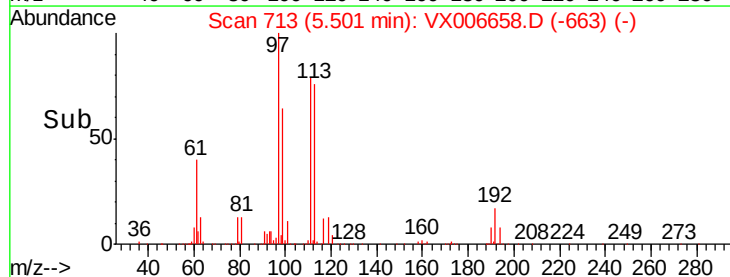
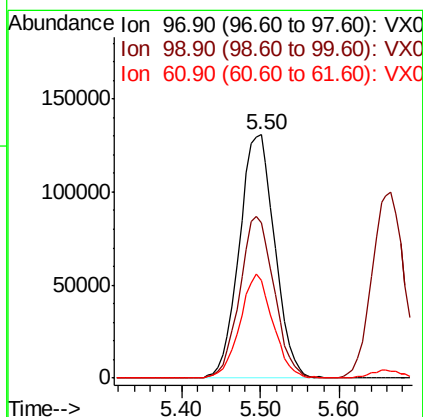
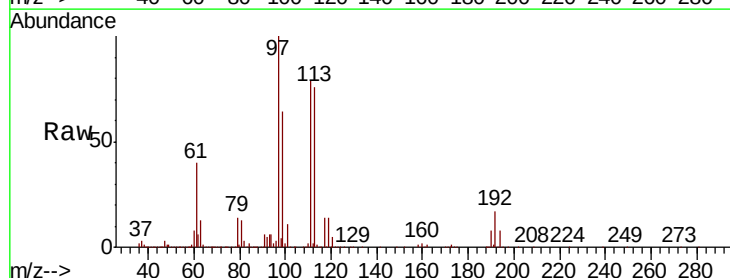
Instrument :
MSVOA_X
ClientSampleId :

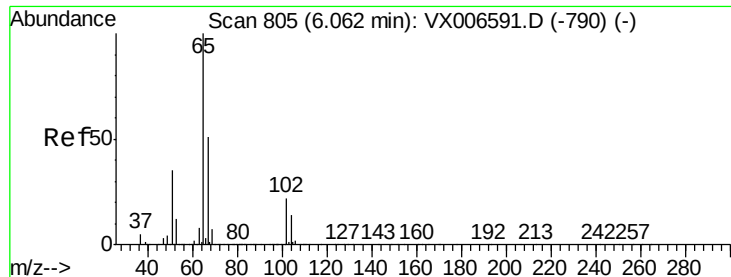
Tot Ion: 56 Resp: 394627
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 90.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.411 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 97 Resp: 409036
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 39.6 31.3 46.9

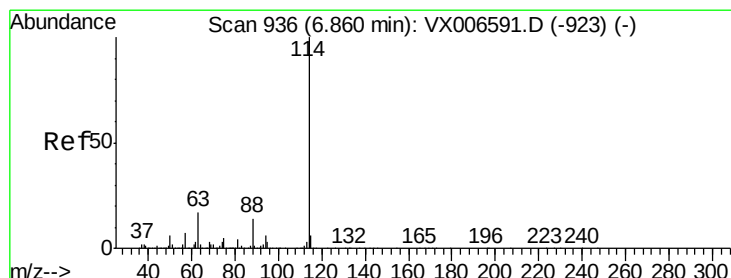
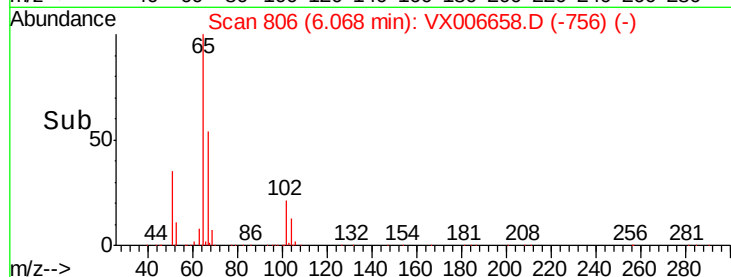
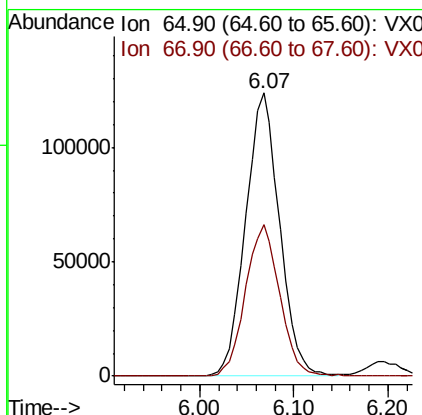
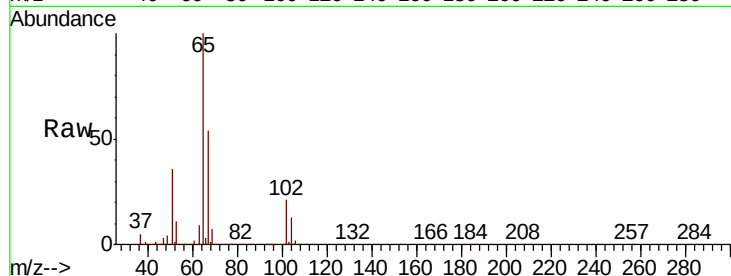




#33
 1,2-Dichloroethane-d4
 Concen: 52.450 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

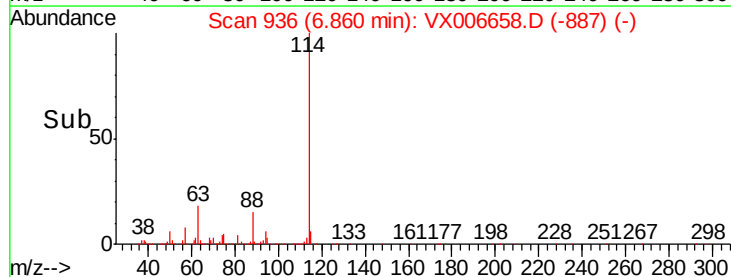
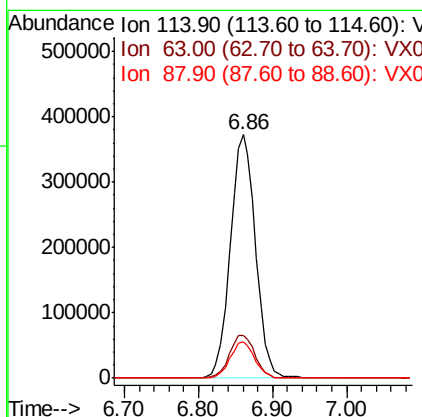
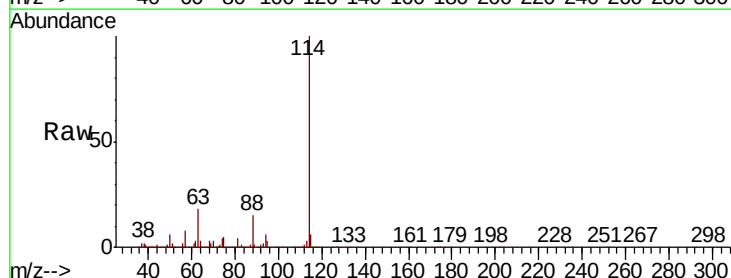
Instrument :
 MSVOA_X
 ClientSampled :

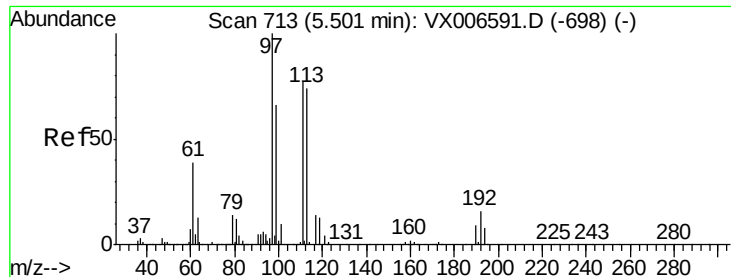
Tot Ion: 65 Resp: 313162
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 114 Resp: 879261
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.8
 88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :
MSVOA_X
ClientSampled :

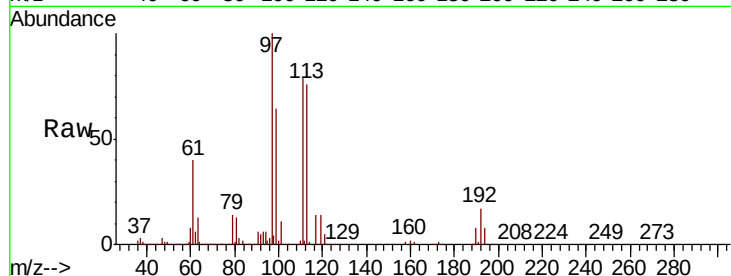
Tot Ion:113 Resp: 285445

Ion Ratio Lower Upper

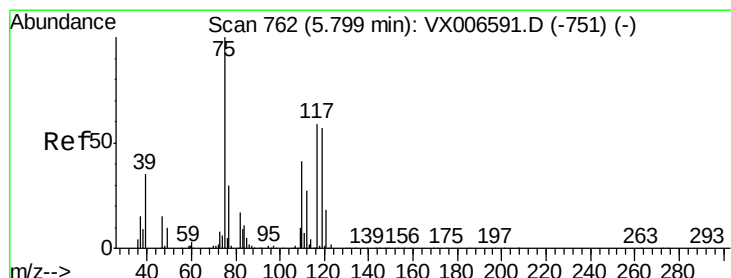
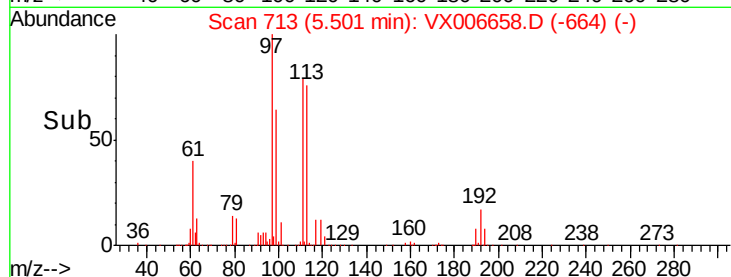
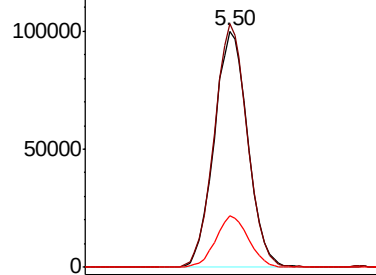
113 100

111 101.9 81.6 122.4

192 21.3 16.7 25.1



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: 47.606 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

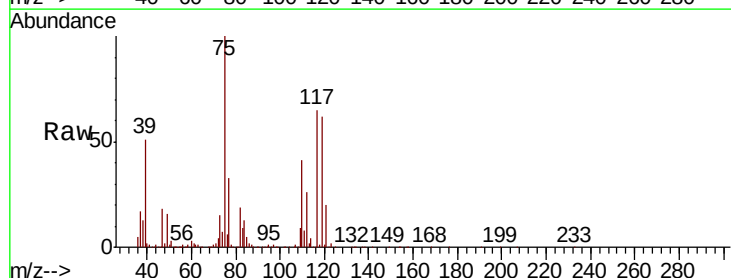
Tgt Ion: 75 Resp: 346680

Ion Ratio Lower Upper

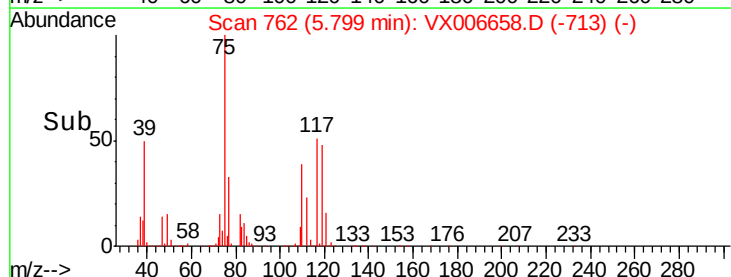
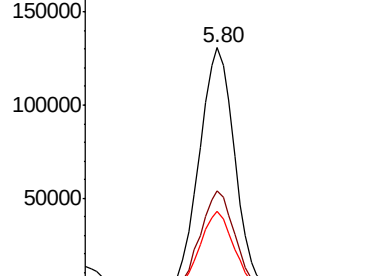
75 100

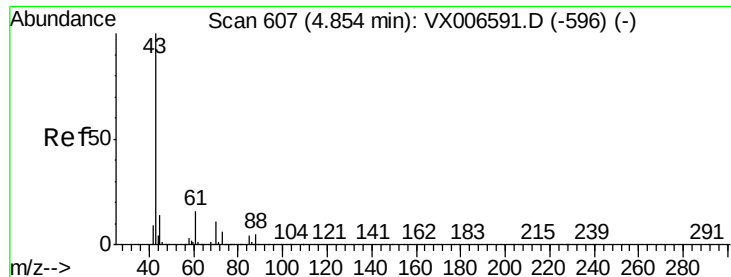
110 40.8 20.2 60.5

77 31.8 24.8 37.2



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

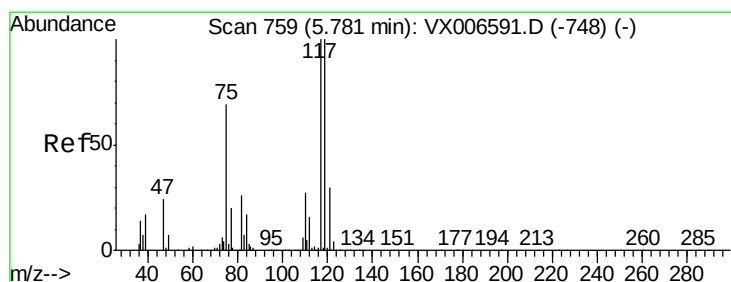
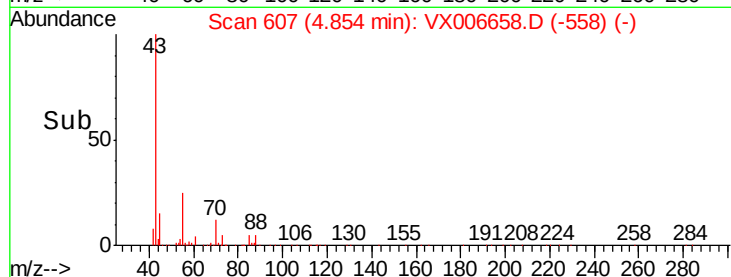
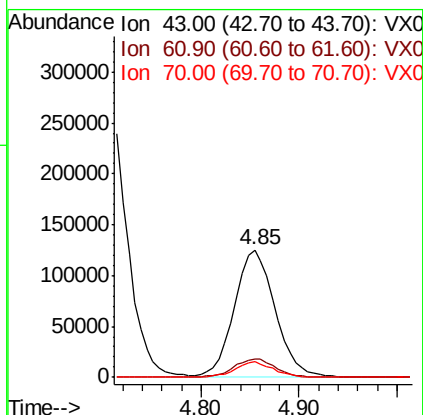
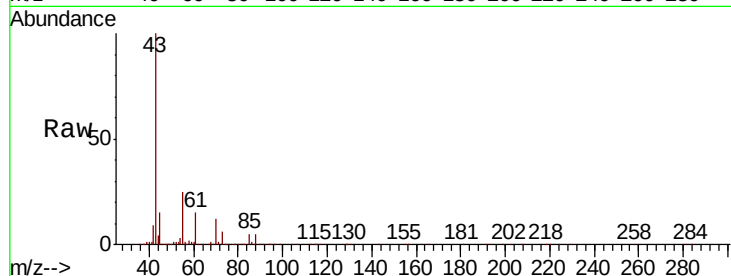




#37
Ethyl Acetate
Concen: 47.176 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

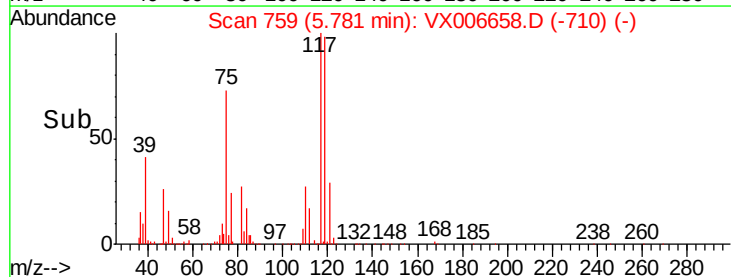
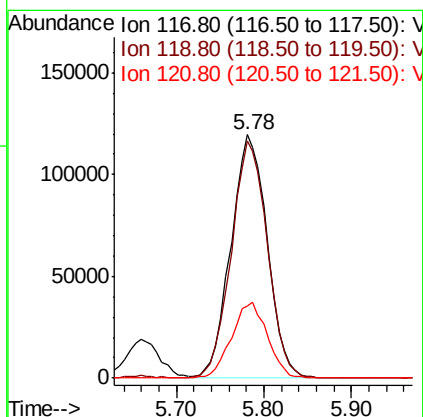
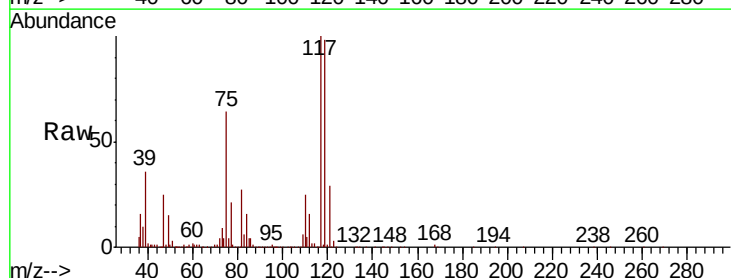
Instrument :
MSVOA_X
ClientSampled :

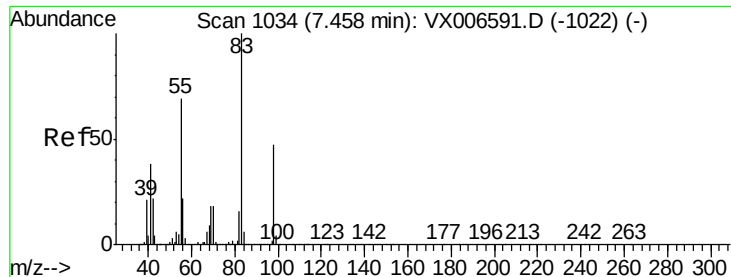
Tot Ion: 43 Resp: 357575
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.7 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.742 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 117 Resp: 344959
Ion Ratio Lower Upper
117 100
119 97.5 79.4 119.2
121 29.5 24.0 36.0

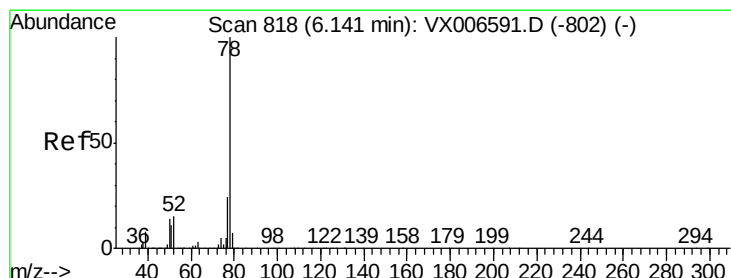
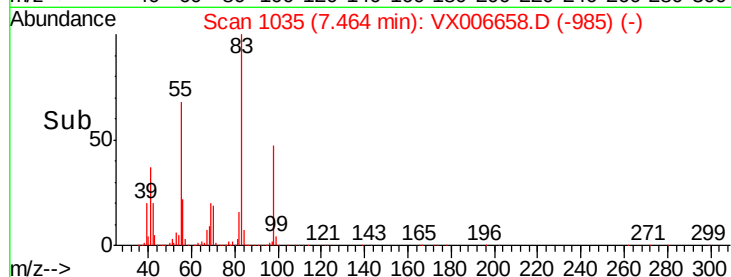
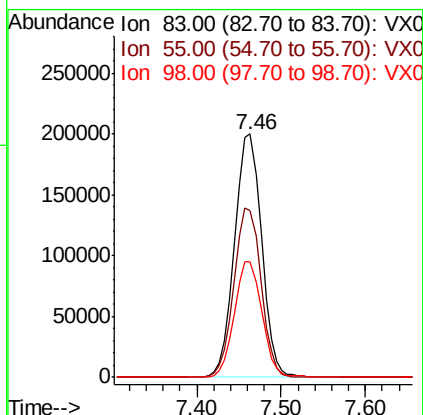
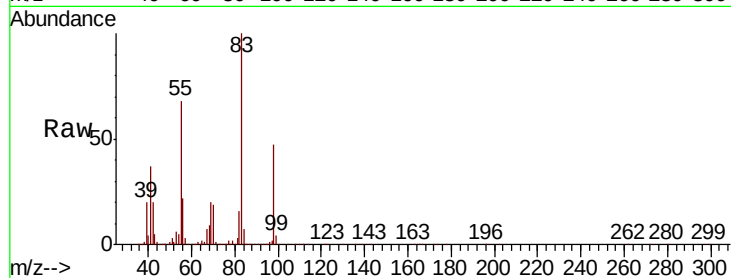




#39
Methylvlcyclohexane
Concen: 45.439 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

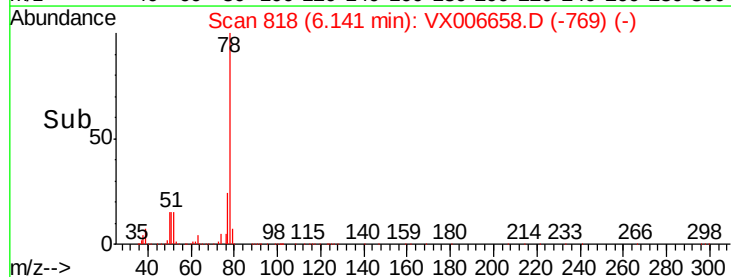
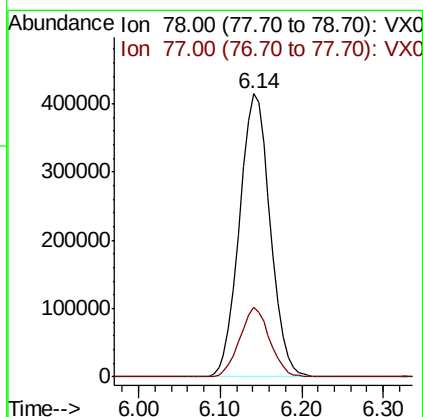
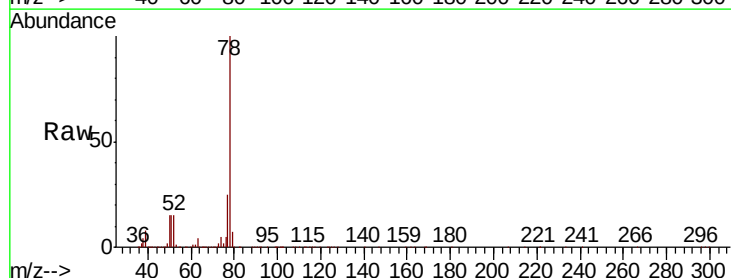
Instrument :
MSVOA_X
ClientSampled :

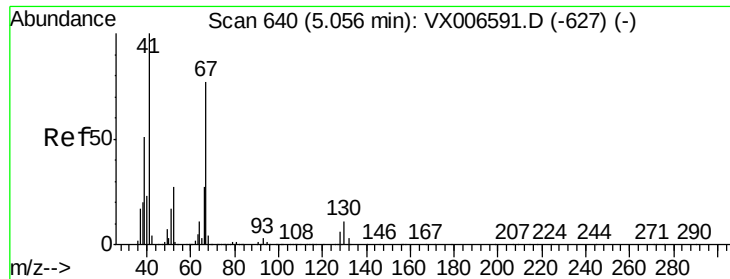
Tot Ion: 83 Resp: 435636
Ion Ratio Lower Upper
83 100
55 68.3 54.9 82.3
98 47.4 37.9 56.9



#40
Benzene
Concen: 49.120 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion: 78 Resp: 1087306
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

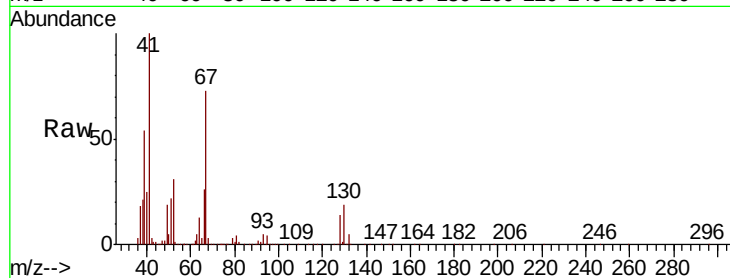




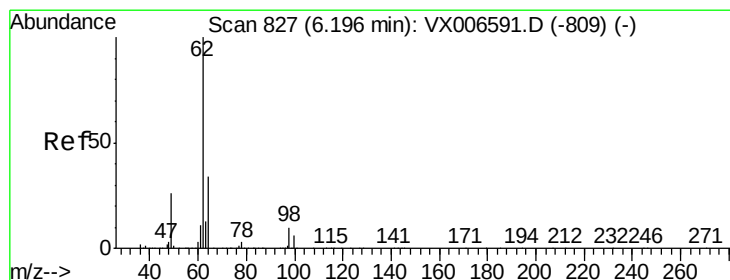
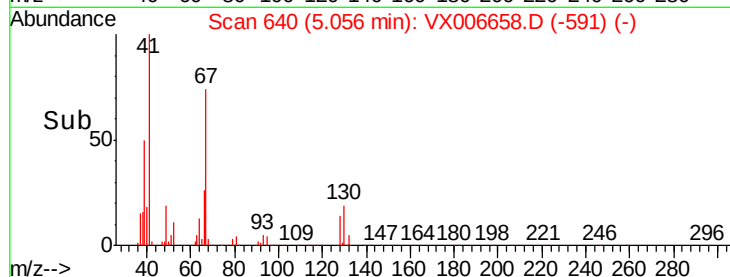
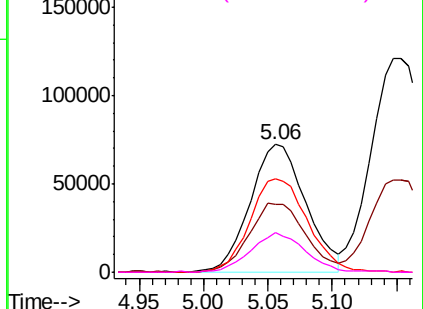
#41
Methacrylonitrile
Concen: 53.447 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	215078
Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.8	64.2
67	76.6	62.1	93.1
52	30.3	23.4	35.0

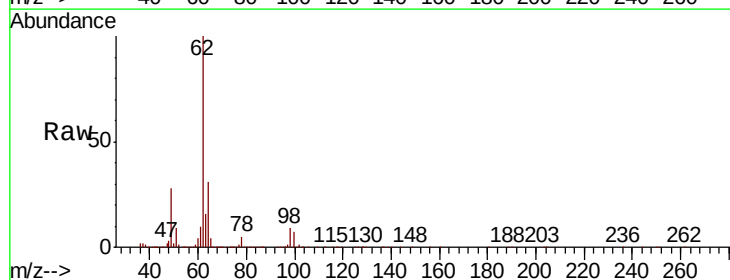


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

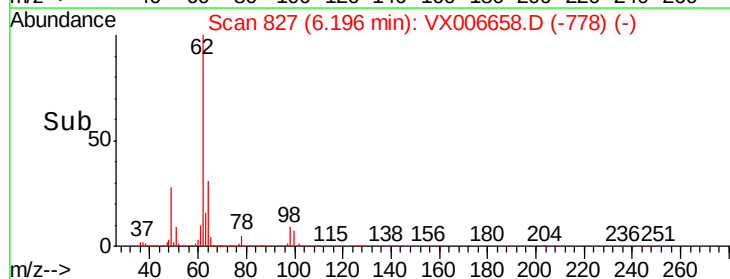
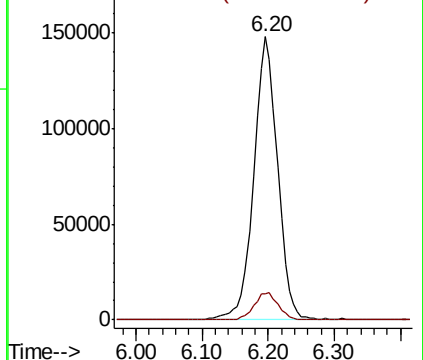


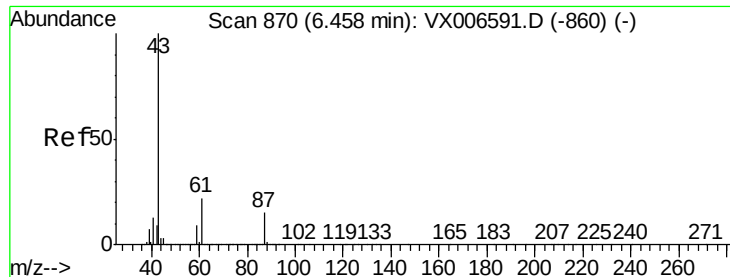
#42
1,2-Dichloroethane
Concen: 49.281 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:	62	Resp:	371720
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2



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



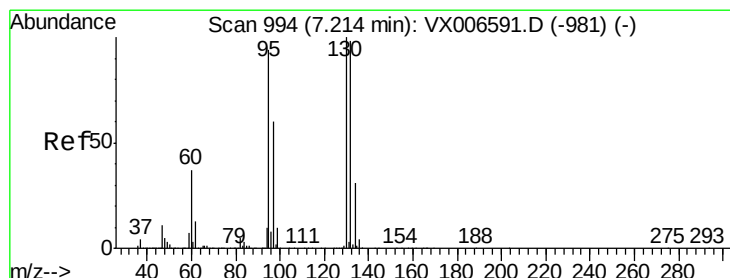
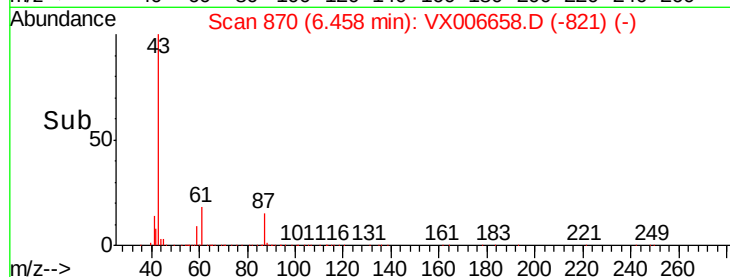
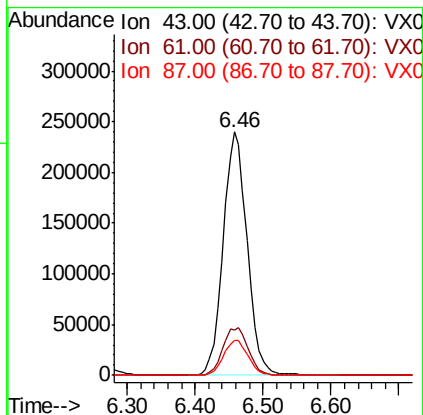
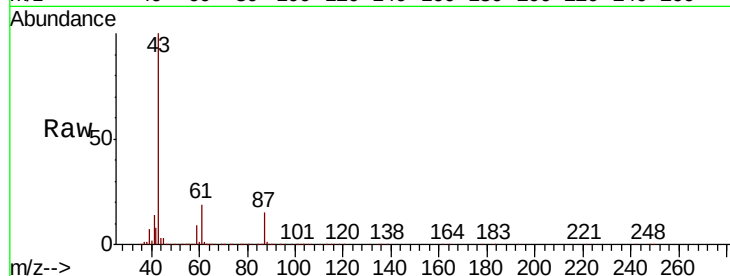


#43

Isopropyl Acetate
 Concen: 50.367 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampled :

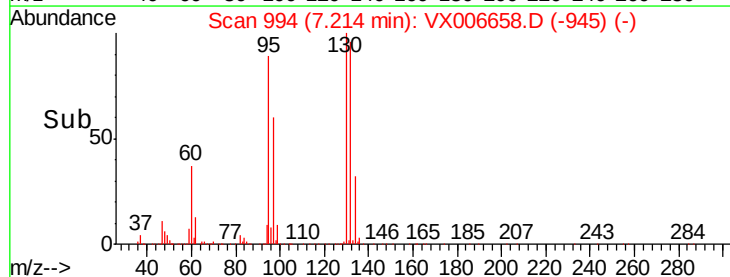
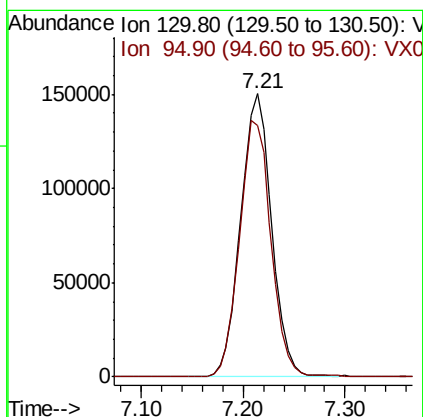
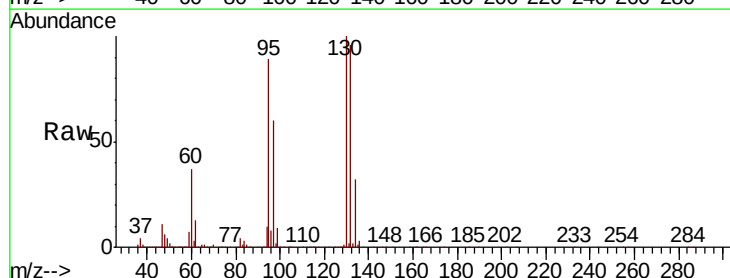
Tot Ion	43	Resp	580860
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	14.9	12.4	18.6

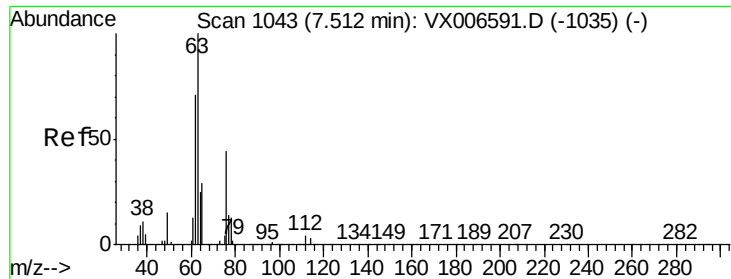


#44

Trichloroethene
 Concen: 47.462 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion	130	Resp	317988
Ion Ratio	Lower	Upper	
130	100		
95	88.7	0.0	187.0

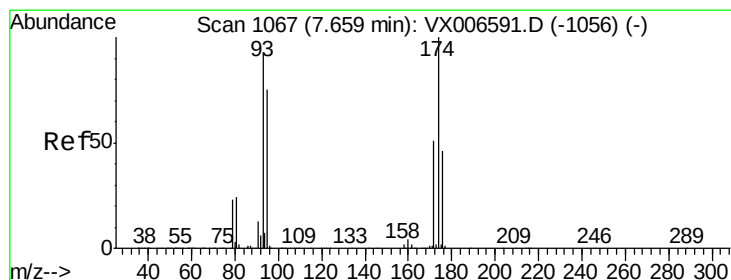
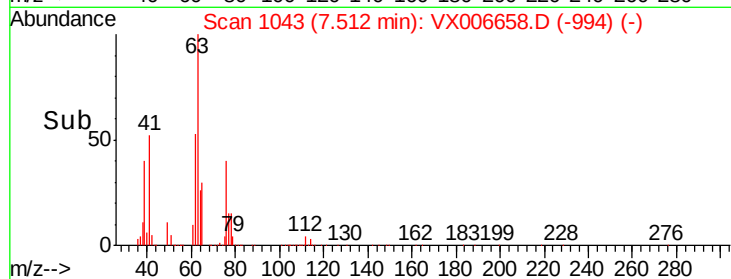
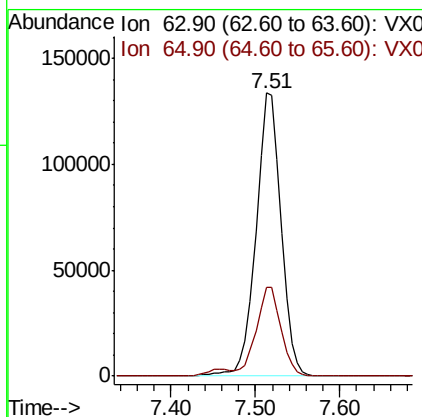
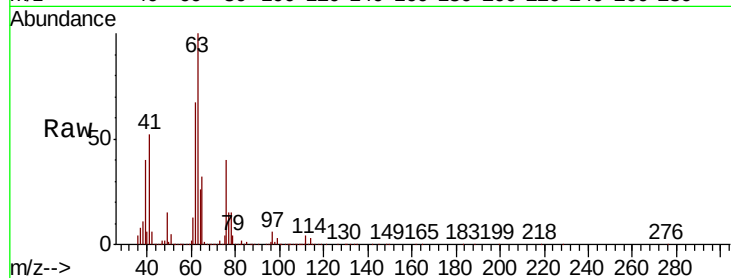




#45
 1,2-Dichloropropane
 Concen: 50.094 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

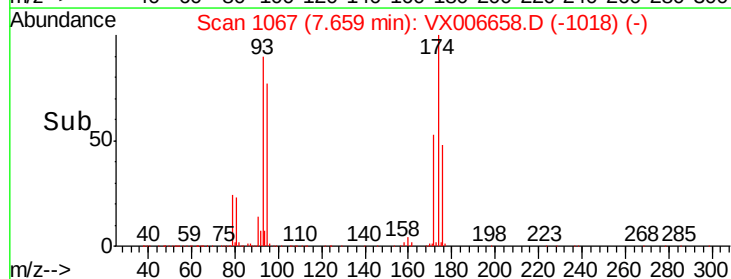
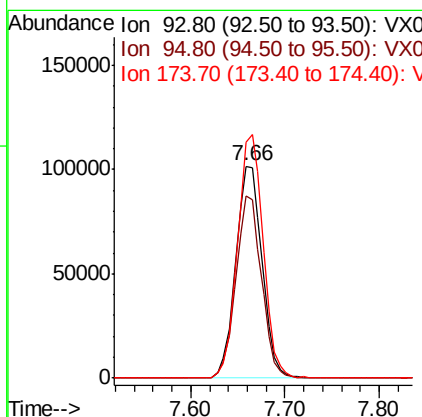
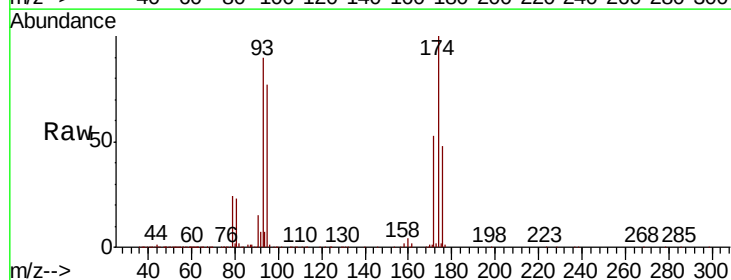
Instrument :
 MSVOA_X
 ClientSampleId :

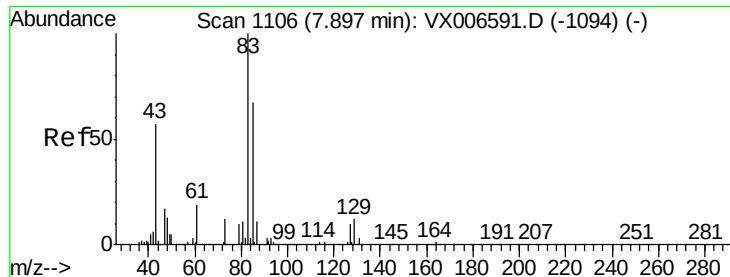
Tot Ion: 63 Resp: 269845
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.4 38.0



#46
 Dibromomethane
 Concen: 49.896 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 93 Resp: 197698
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.2 99.4
 174 112.5 91.0 136.4





#47

Bromodichloromethane

Concen: 50.210 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampled :

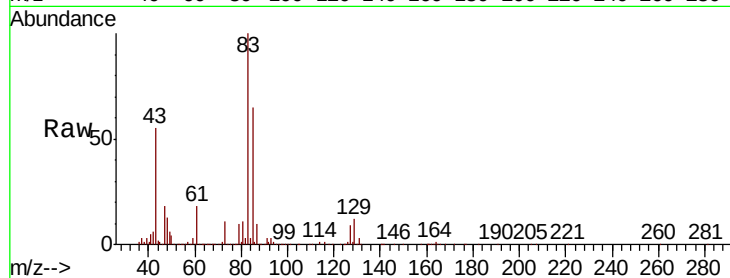
Tot Ion: 83 Resp: 330293

Ion Ratio Lower Upper

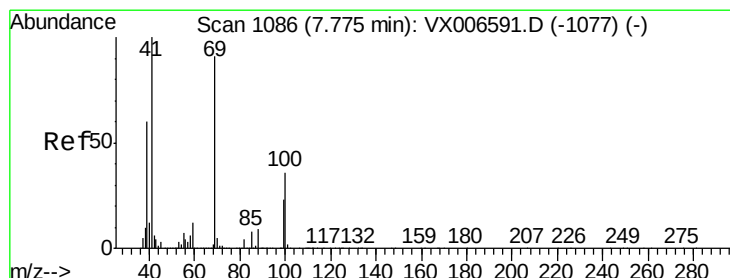
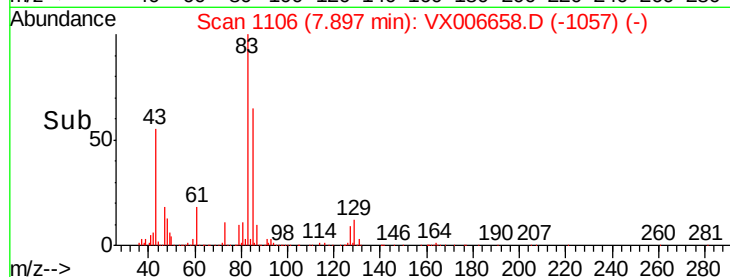
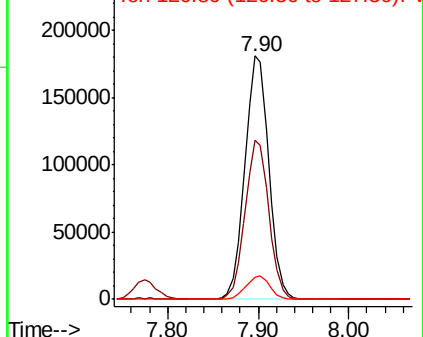
83 100

85 65.3 53.2 79.8

127 9.3 7.8 11.6



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



#48

Methyl methacrylate

Concen: 52.390 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

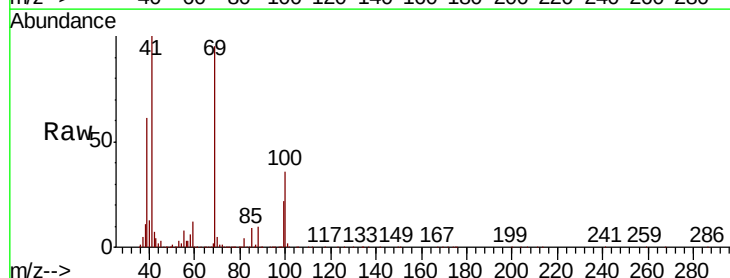
Tgt Ion: 41 Resp: 307252

Ion Ratio Lower Upper

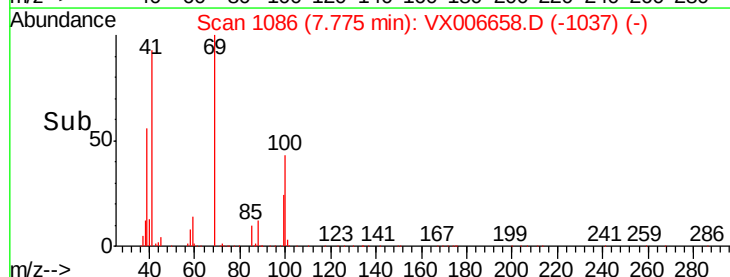
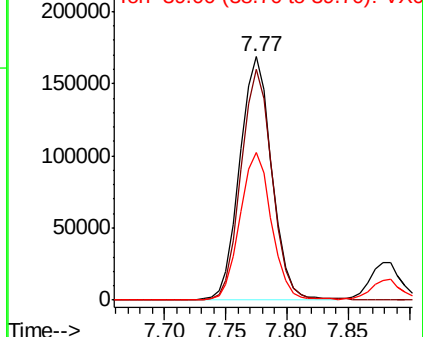
41 100

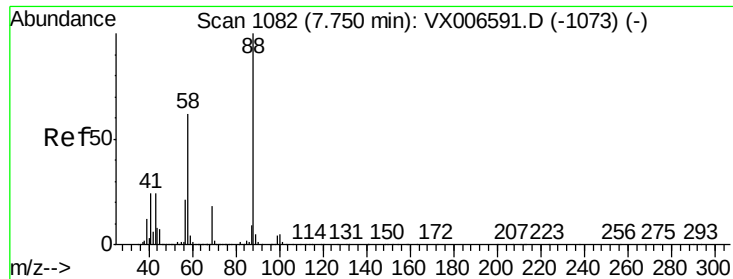
69 92.2 72.4 108.6

39 59.6 45.8 68.8



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: 1073.750 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :

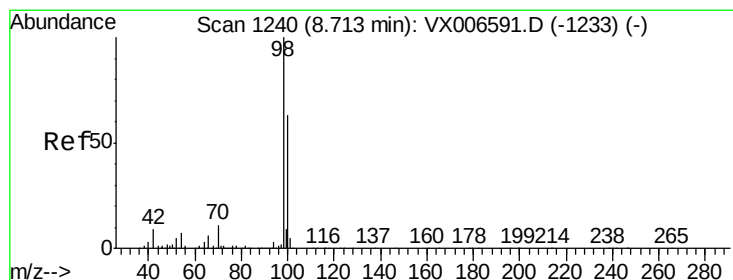
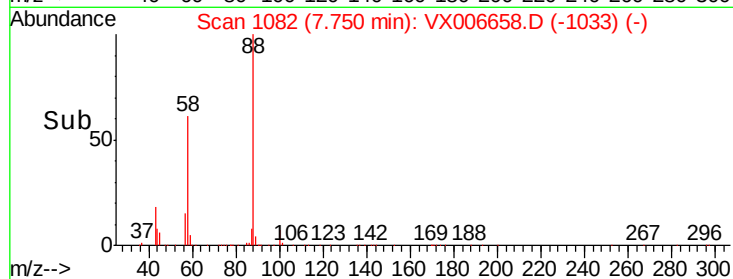
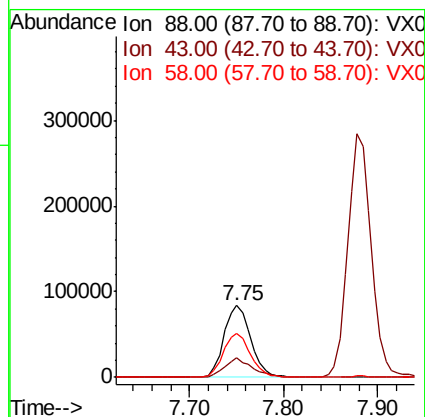
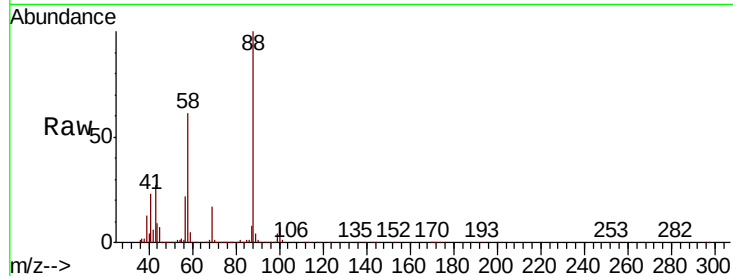
Tot Ion: 88 Resp: 164538

Ion Ratio Lower Upper

88 100

43 28.1 22.2 33.4

58 62.3 51.0 76.4



#50

Toluene-d8

Concen: 50.525 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006658.D

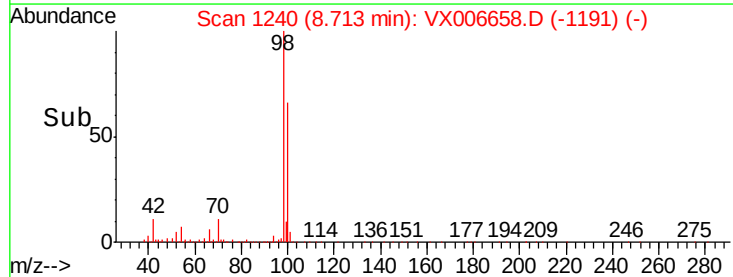
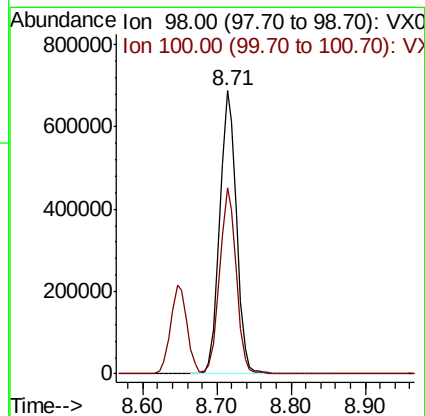
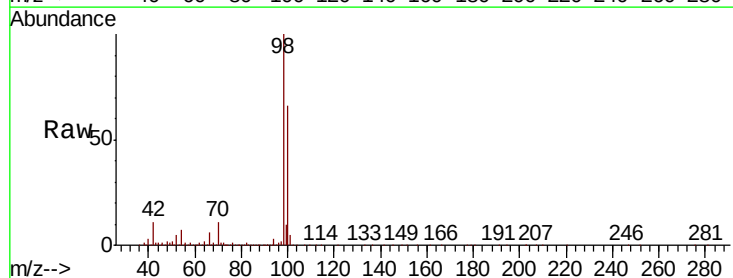
Acq: 20 Dec 2018 00:44

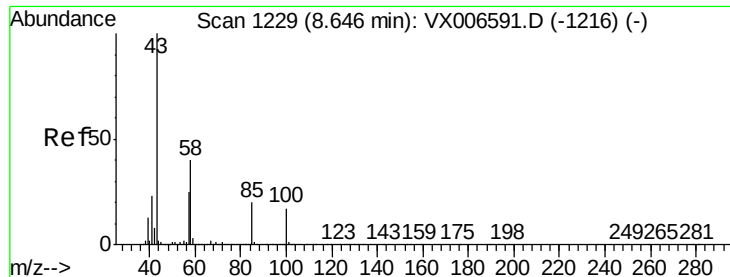
Tgt Ion: 98 Resp: 1059125

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 272.967 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

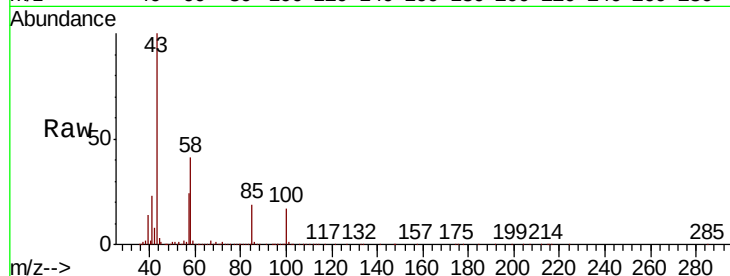
ClientSampled :

Tot Ion: 43 Resp: 2002996

Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

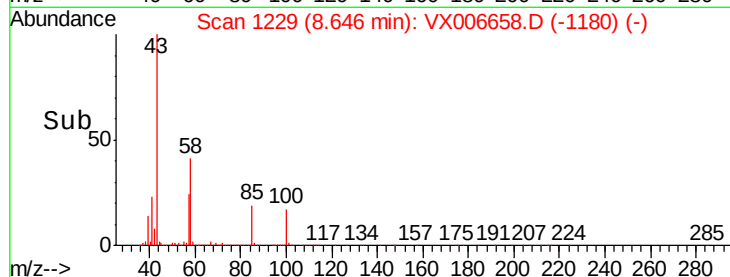
1000000

500000

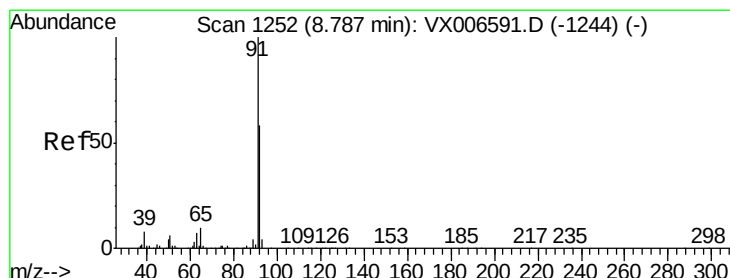
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 50.220 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006658.D

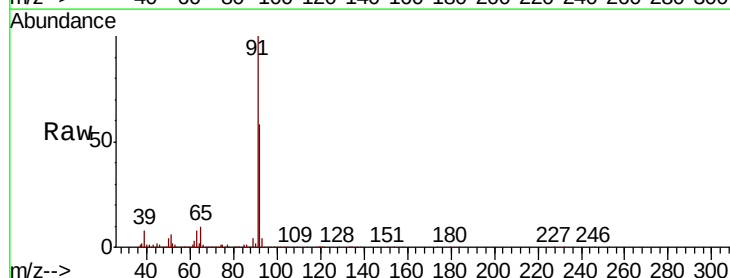
Acq: 20 Dec 2018 00:44

Tgt Ion: 92 Resp: 718184

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

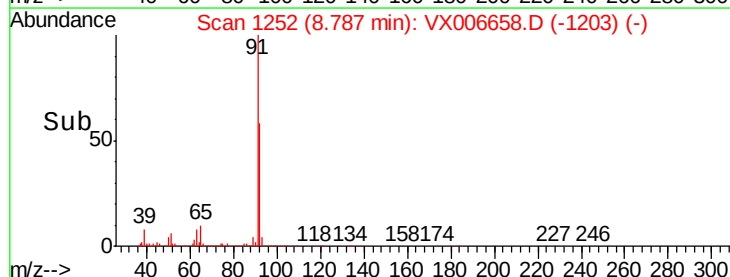
400000

200000

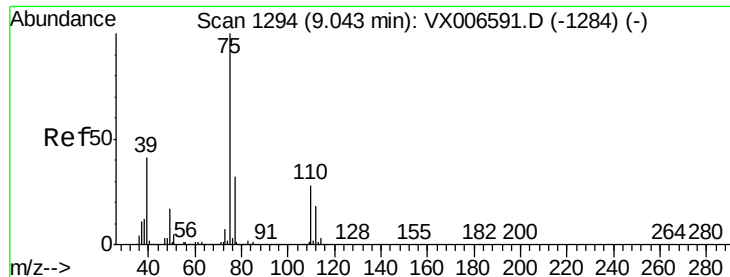
0

8.79

8.70 8.80 8.90



Time-->



#53

t-1,3-Dichloropropene

Concen: 50.883 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

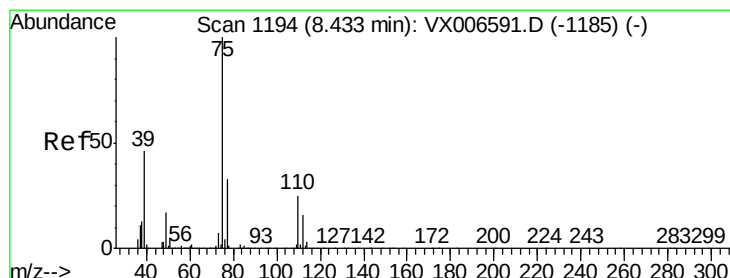
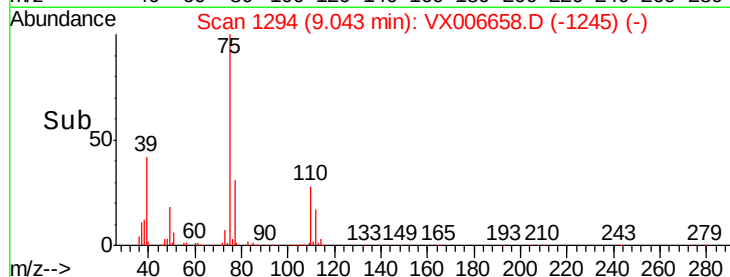
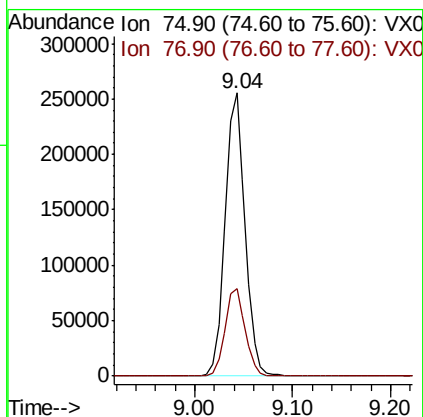
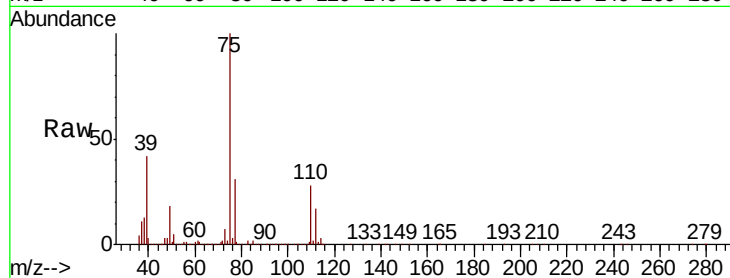
ClientSampleId :

Tot Ion: 75 Resp: 358983

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.259 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

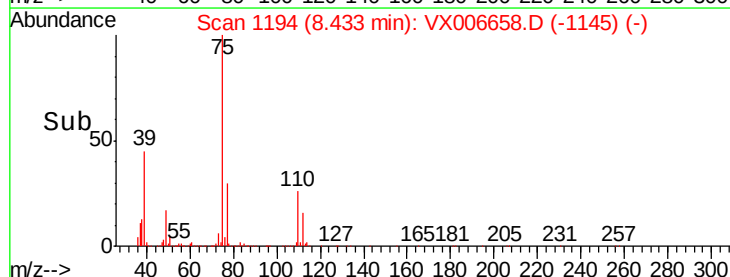
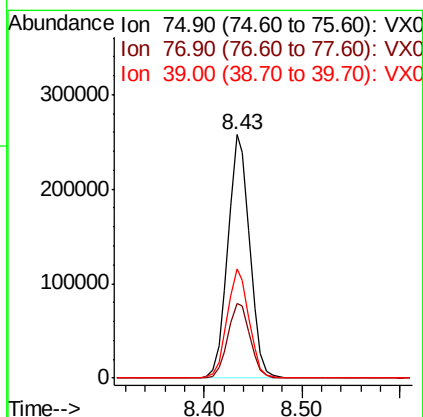
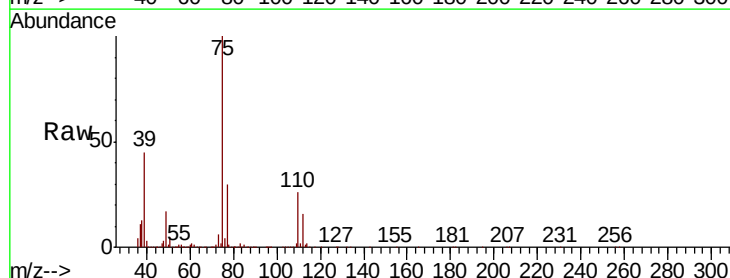
Tgt Ion: 75 Resp: 396807

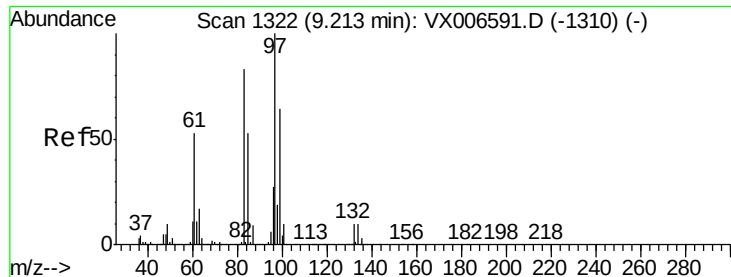
Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 44.7 36.7 55.1

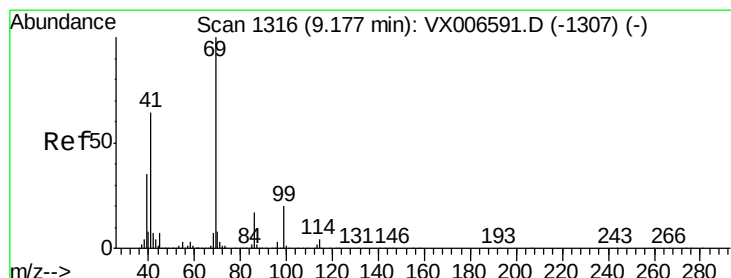
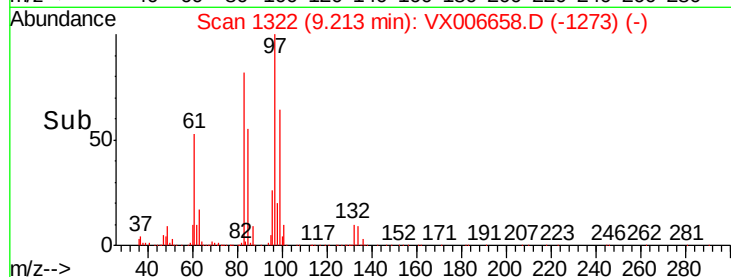
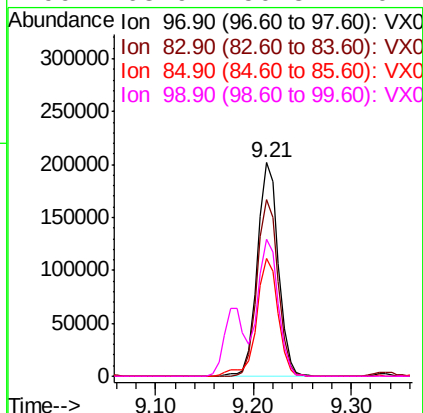
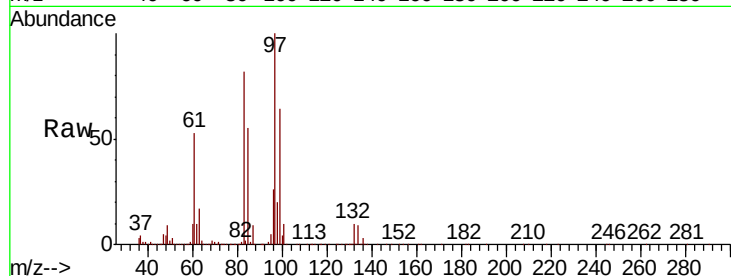




#55
 1,1,2-Trichloroethane
 Concen: 51.308 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

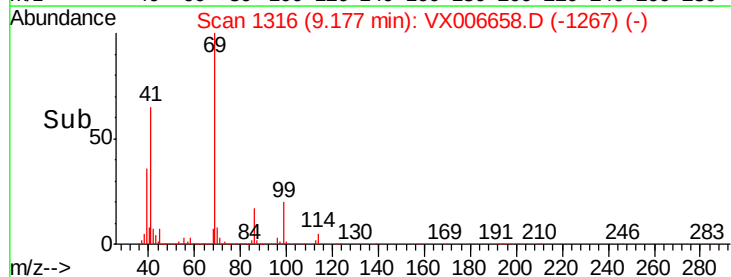
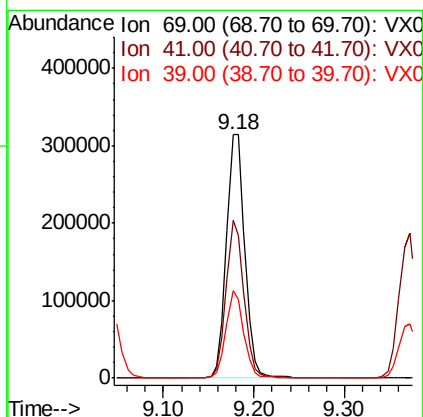
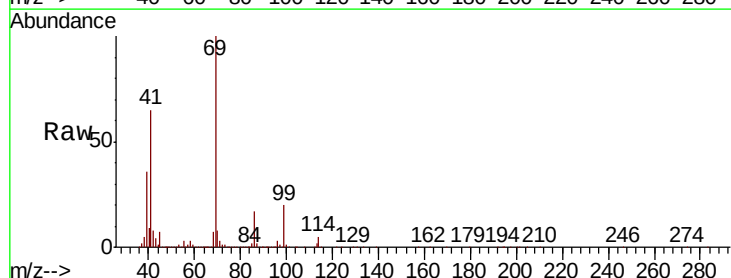
Instrument :
 MSVOA_X
 ClientSampleId :

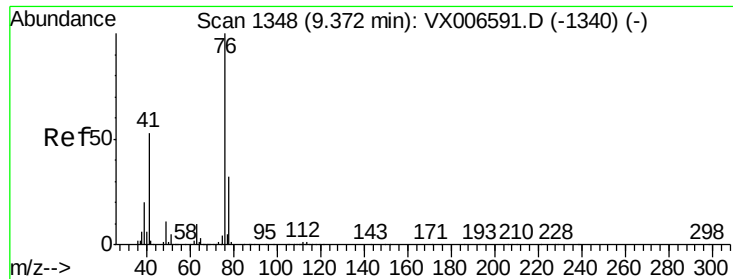
Tot Ion:	97	Resp:	300335
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.6	99.8
85	54.8	42.7	64.1
99	63.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.839 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion:	69	Resp:	445419
Ion	Ratio	Lower	Upper
69	100		
41	62.4	48.7	73.1
39	34.5	27.0	40.6

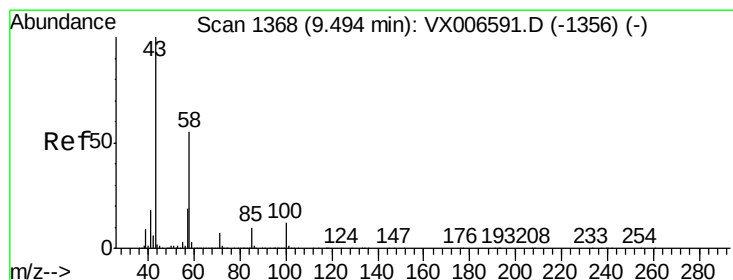
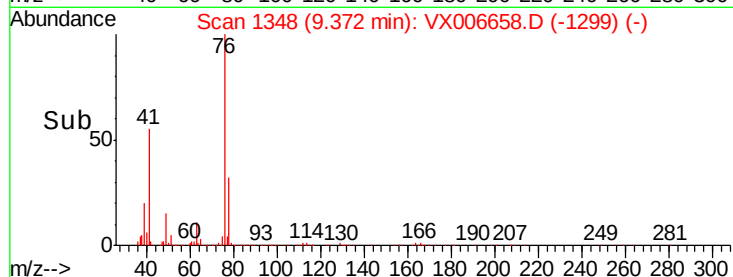
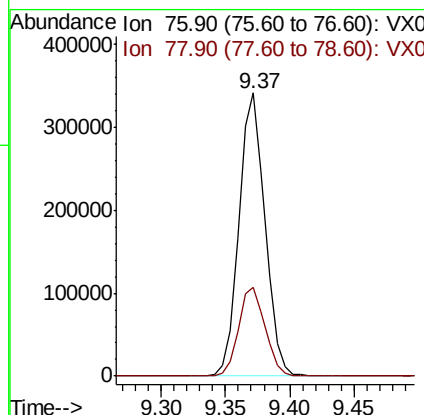
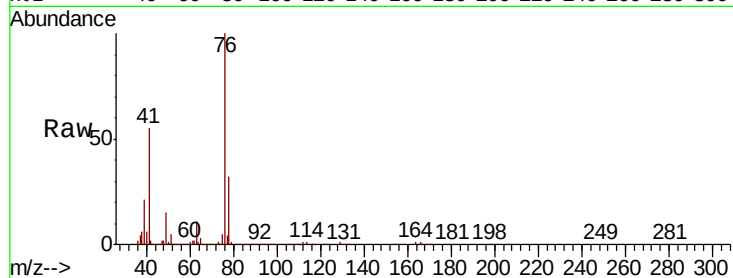




#57
 1,3-Dichloropropane
 Concen: 50.645 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

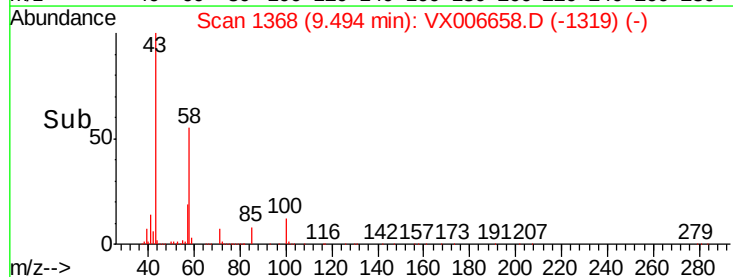
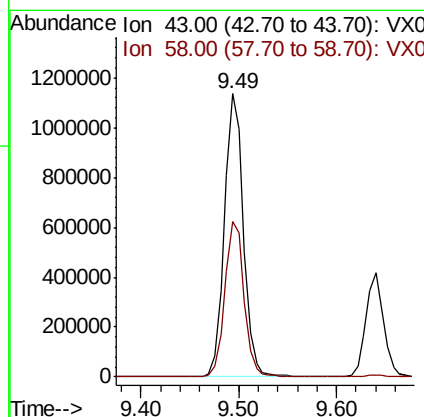
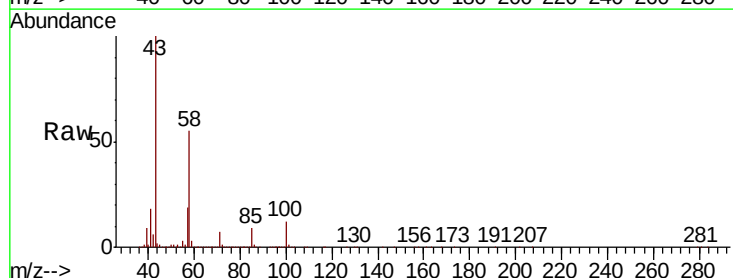
Instrument :
 MSVOA_X
 ClientSampleId :

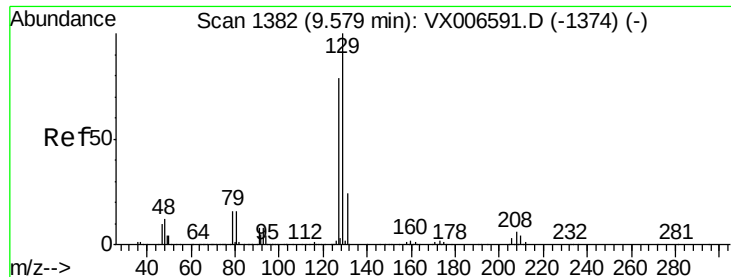
Tot Ion: 76 Resp: 476958
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#59
 2-Hexanone
 Concen: 271.823 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion: 43 Resp: 1526105
 Ion Ratio Lower Upper
 43 100
 58 55.6 27.7 83.1





#60

Dibromochloromethane

Concen: 47.105 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

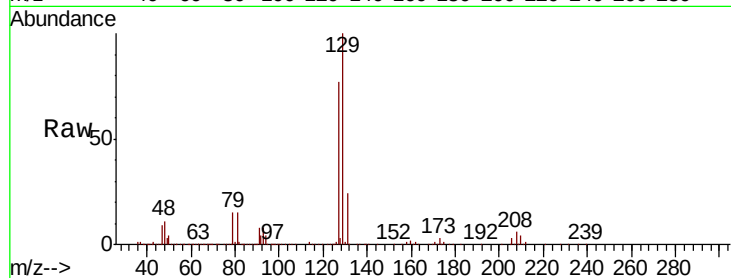
ClientSampleId :

Tot Ion:129 Resp: 287518

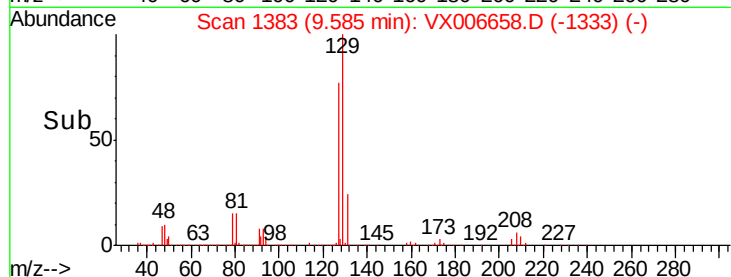
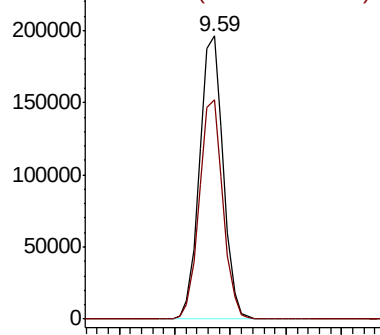
Ion Ratio Lower Upper

129 100

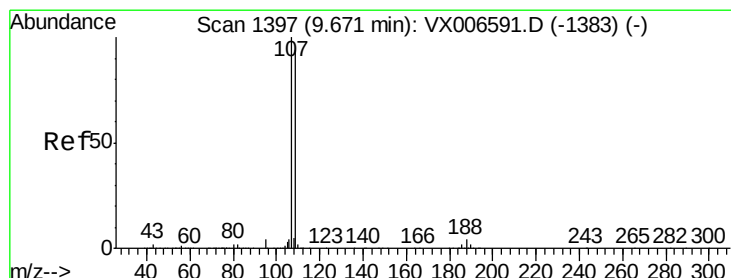
127 77.2 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V



Abundance Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.419 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006658.D

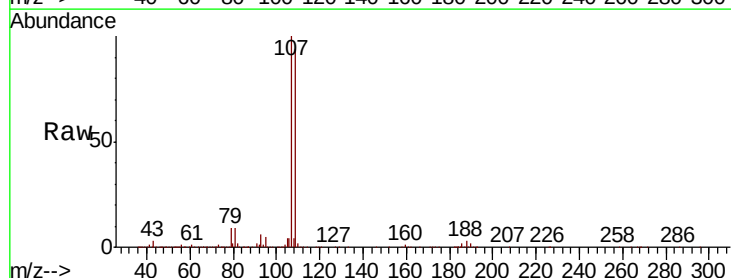
Acq: 20 Dec 2018 00:44

Tgt Ion:107 Resp: 326177

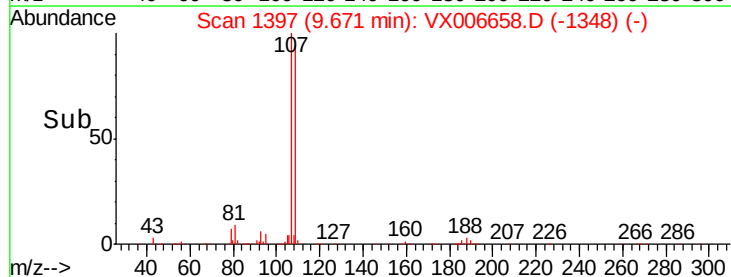
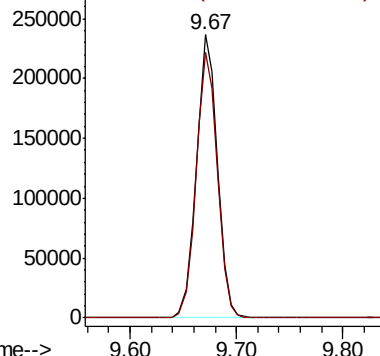
Ion Ratio Lower Upper

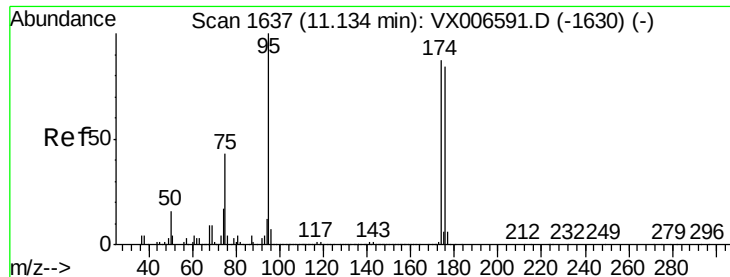
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

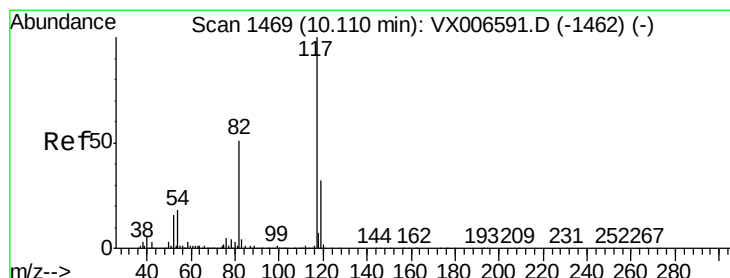
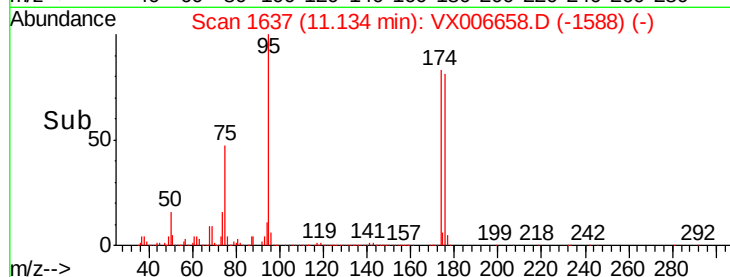
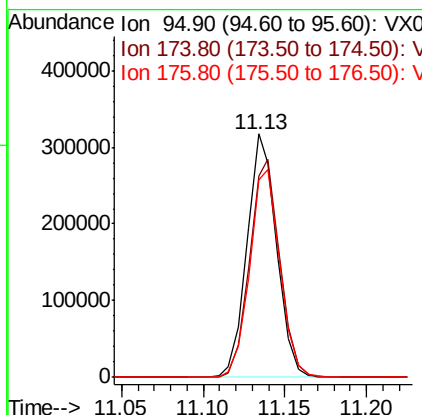
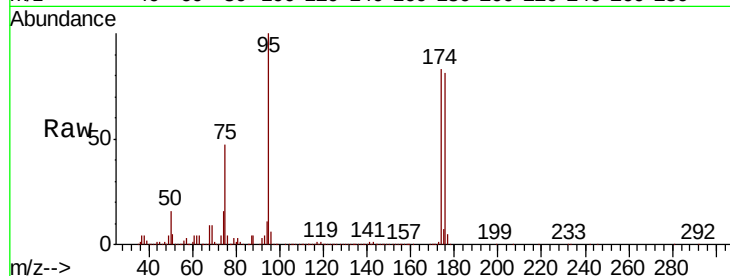




#62
4-Bromofluorobenzene
Concen: 52.120 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

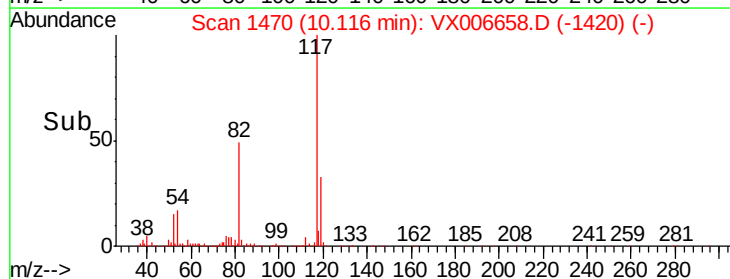
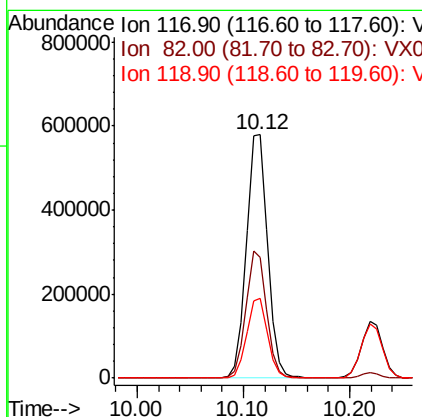
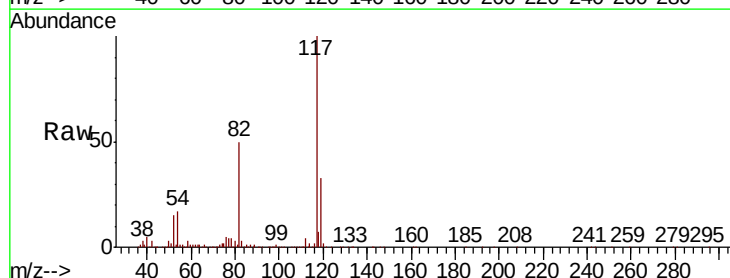
Instrument :
MSVOA_X
ClientSampleId :

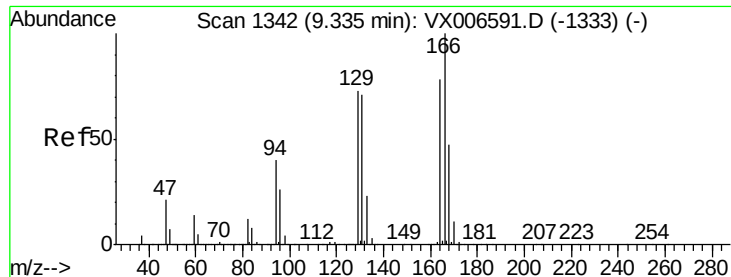
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	182.2
176	88.0	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.0	61.6
119	32.8	25.4	38.0

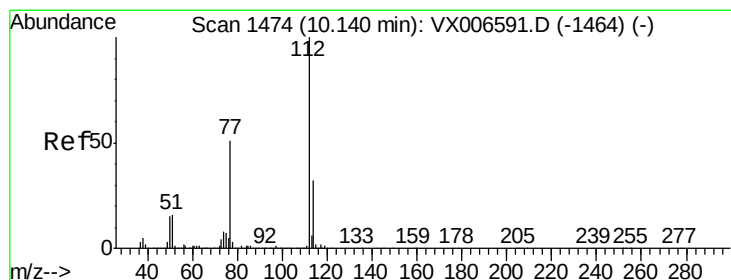
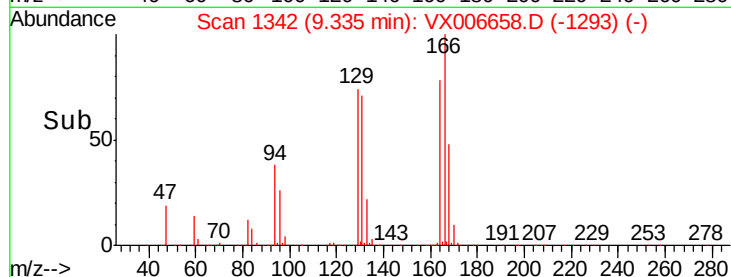
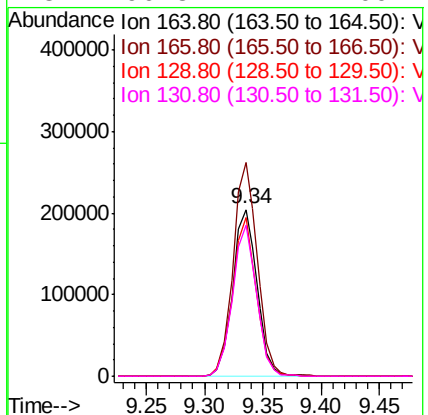
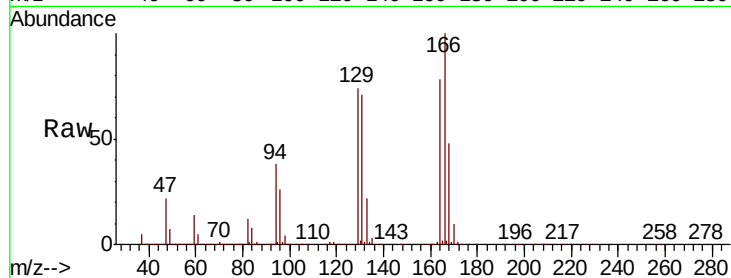




#64
Tetrachloroethene
Concen: 46.223 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

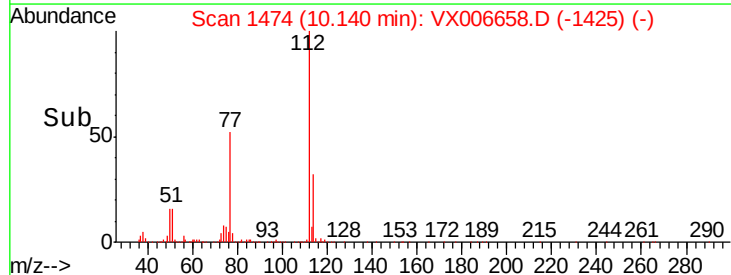
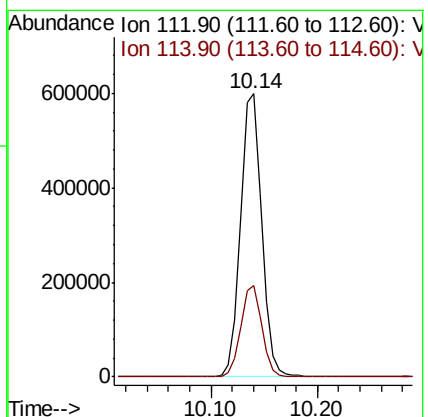
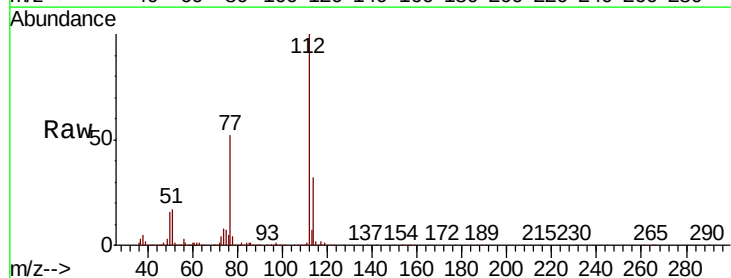
Instrument :
MSVOA_X
ClientSampleId :

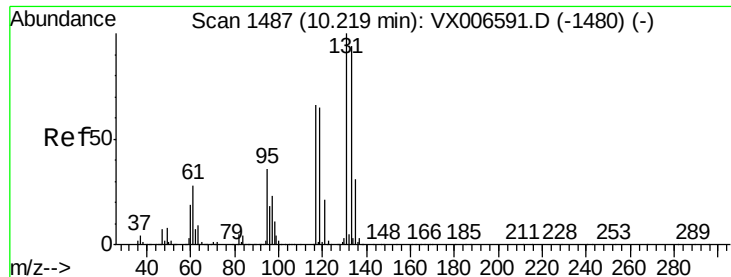
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.5	153.7
129	95.0	75.1	112.7
131	90.8	72.7	109.1



#65
Chlorobenzene
Concen: 48.873 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.945 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

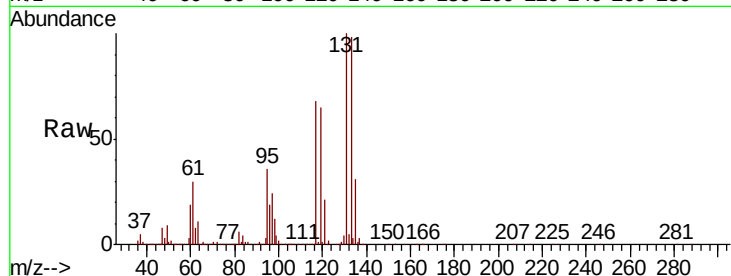
Tot Ion:131 Resp: 279011

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.2

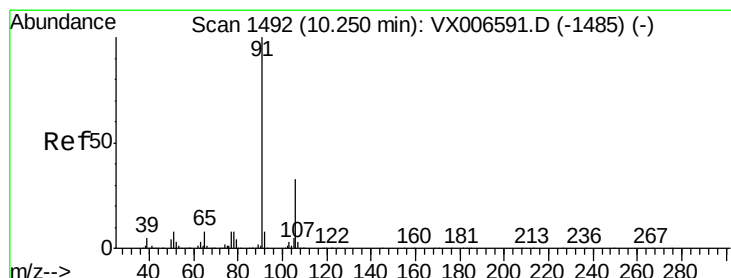
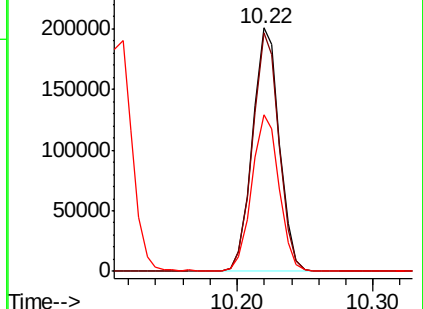
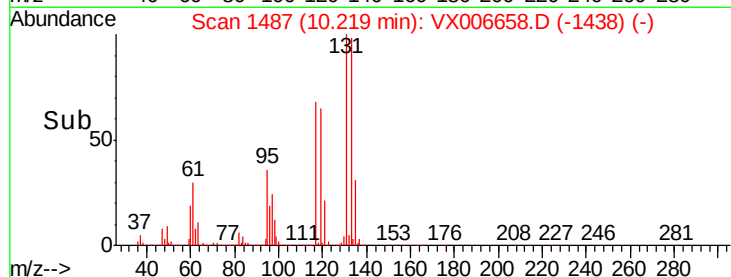
119 65.5 32.6 97.8



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: 49.140 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006658.D

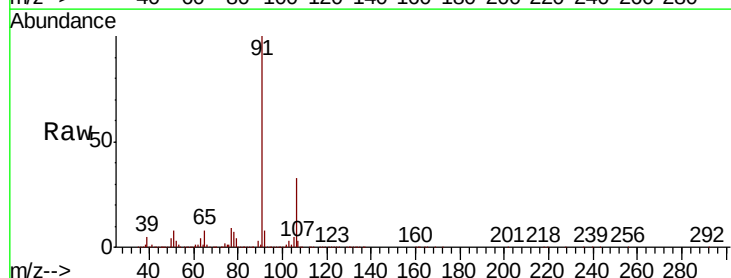
Acq: 20 Dec 2018 00:44

Tgt Ion: 91 Resp: 1382392

Ion Ratio Lower Upper

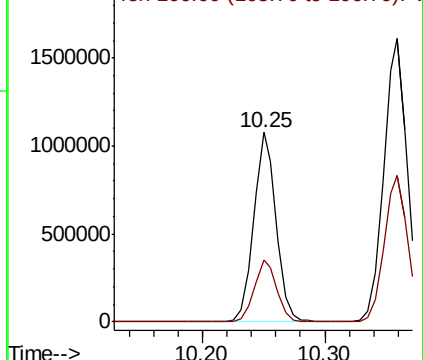
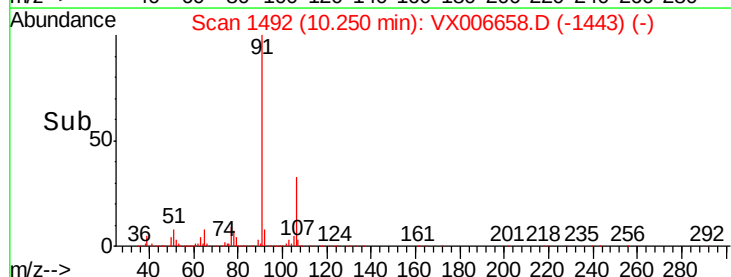
91 100

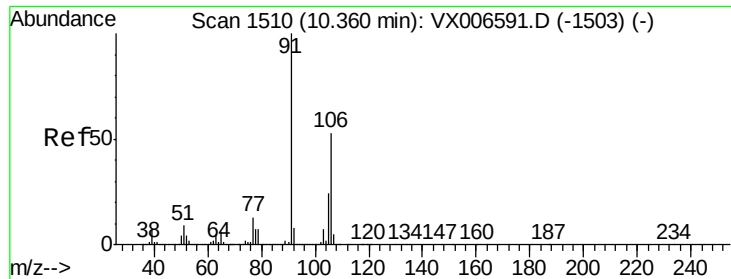
106 32.5 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

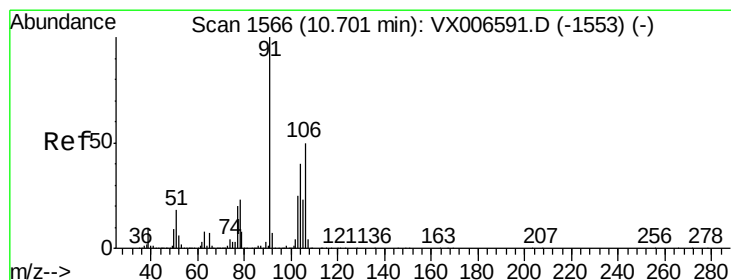
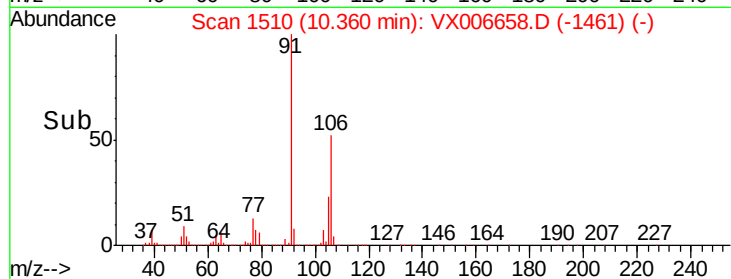
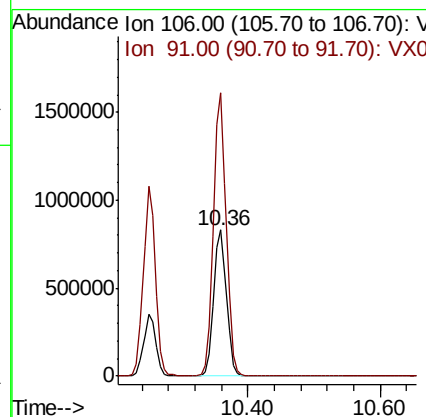
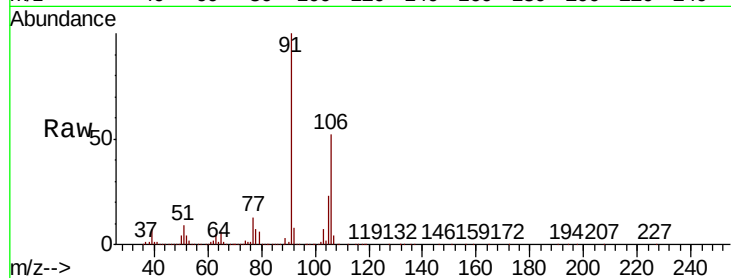




#68
m/p-Xylenes
Concen: 101.065 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

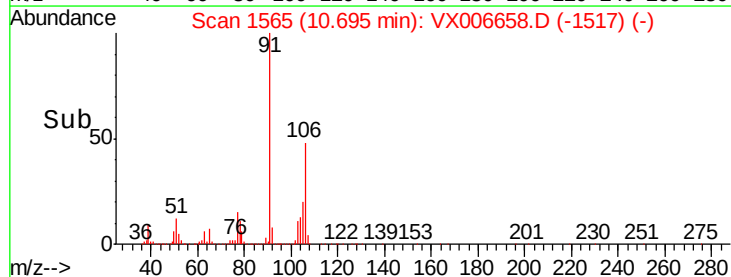
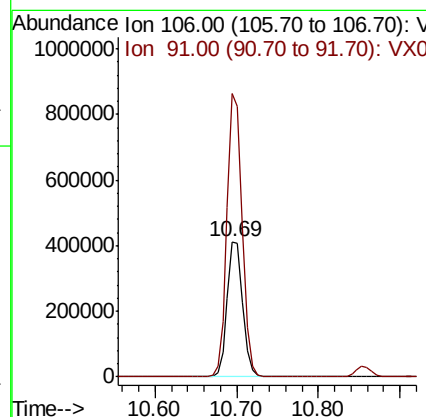
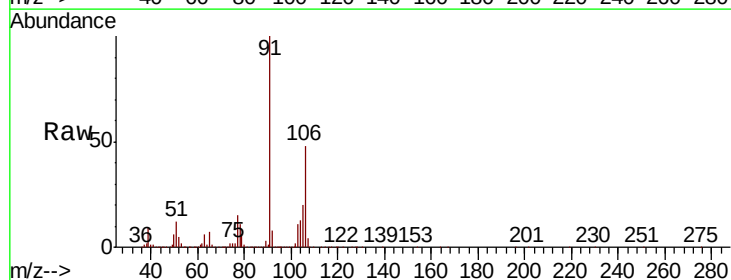
Instrument :
MSVOA_X
ClientSampleId :

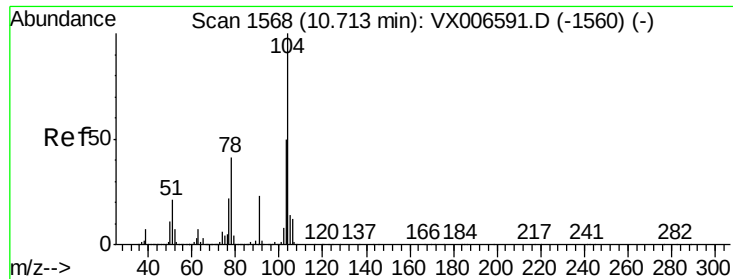
Tot Ion:106 Resp: 1121894
Ion Ratio Lower Upper
106 100
91 193.5 155.8 233.6



#69
o-Xylene
Concen: 49.936 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:106 Resp: 547383
Ion Ratio Lower Upper
106 100
91 205.1 101.3 303.7

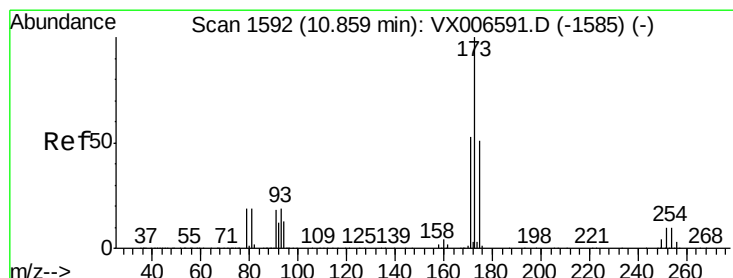
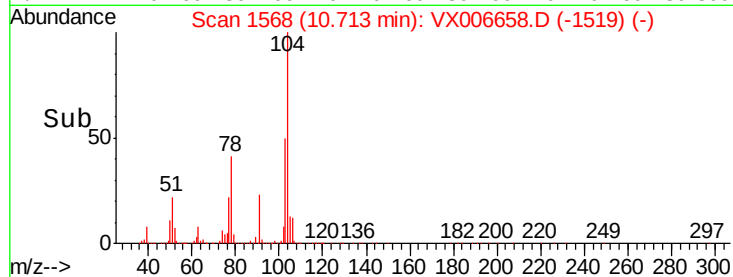
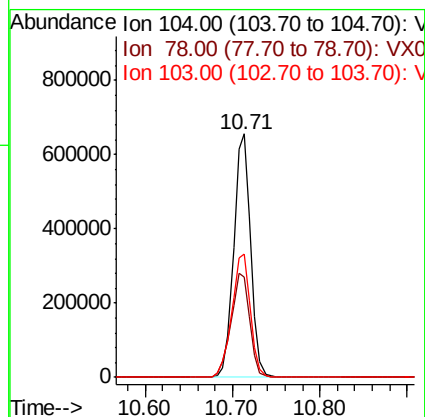
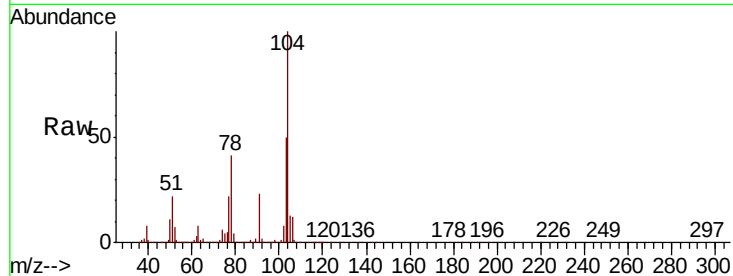




#70
Stvrene
Concen: 51.305 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

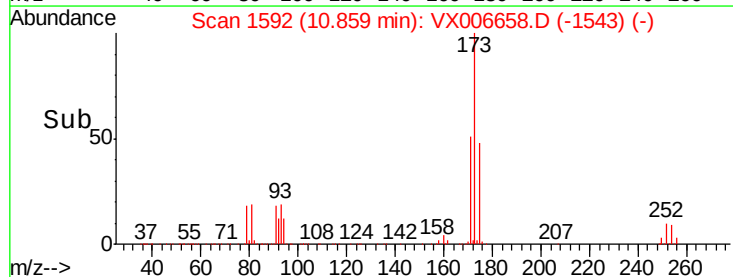
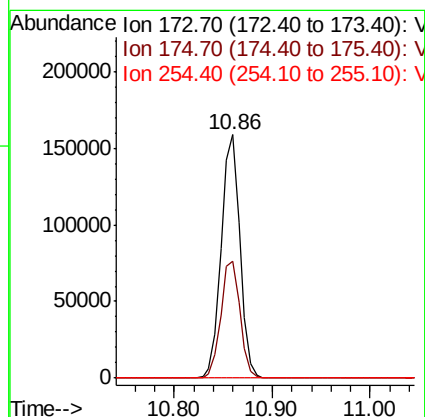
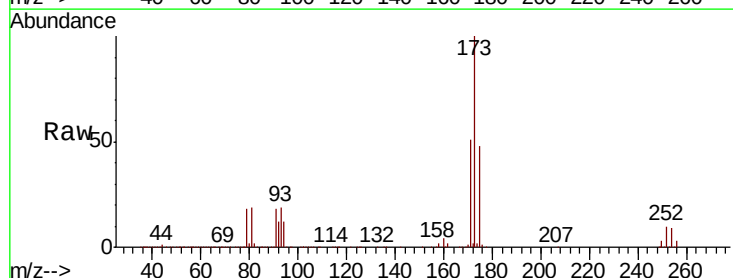
Instrument :
MSVOA_X
ClientSampleId :

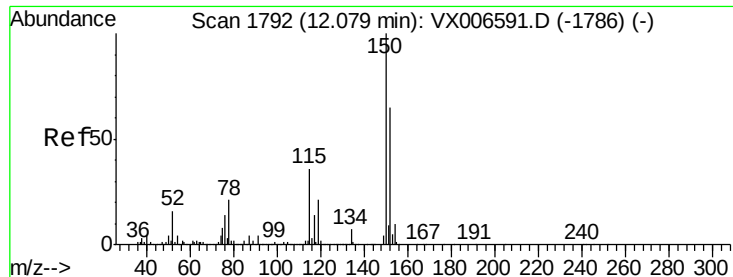
Tot Ion:104 Resp: 889743
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.4 43.8 65.8



#71
Bromoform
Concen: 44.161 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:173 Resp: 211187
Ion Ratio Lower Upper
173 100
175 49.3 24.7 74.1
254 0.2 0.2 0.2

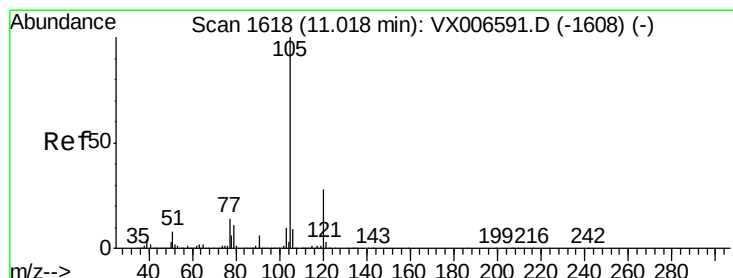
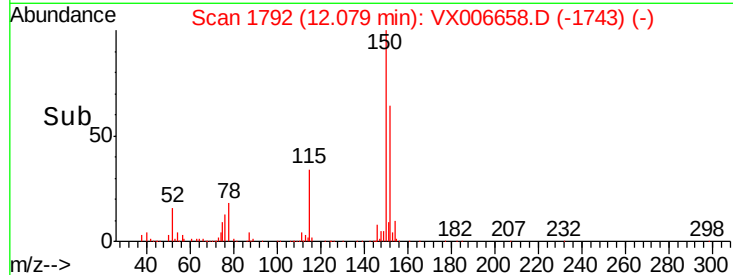
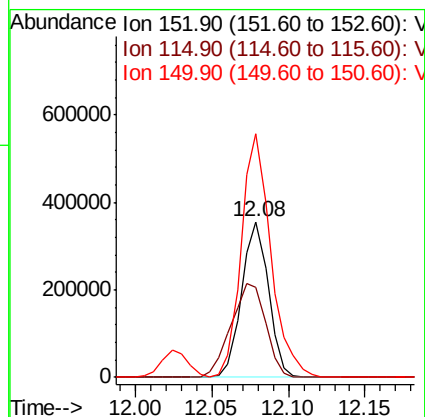
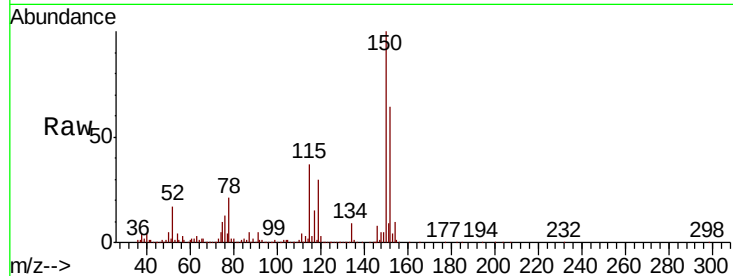




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

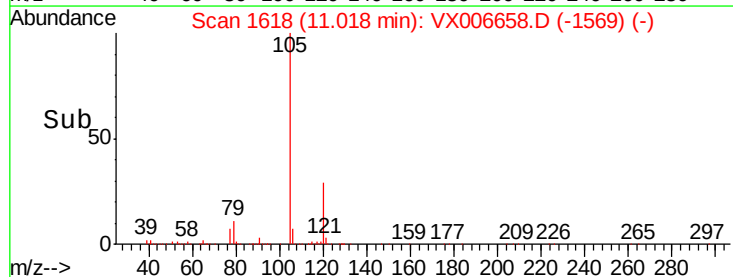
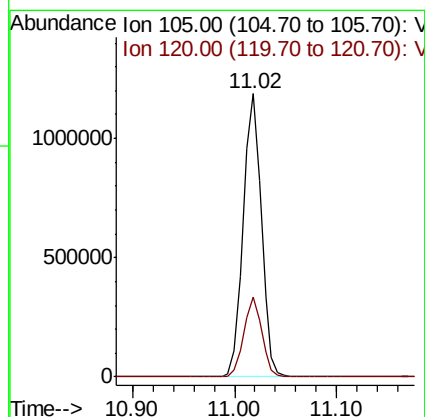
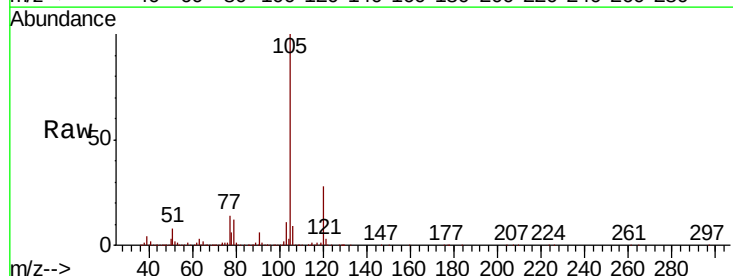
Instrument :
 MSVOA_X
 ClientSampleId :

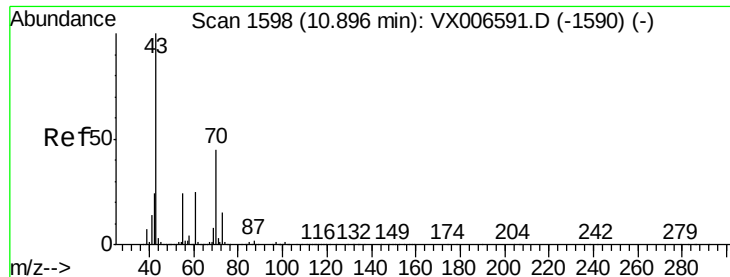
Tot Ion:152 Resp: 430640
 Ion Ratio Lower Upper
 152 100
 115 78.2 39.1 117.2
 150 173.0 0.0 344.8



#73
 Isopropylbenzene
 Concen: 49.252 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion:105 Resp: 1451025
 Ion Ratio Lower Upper
 105 100
 120 27.9 14.1 42.4





#74

N-amvl acetate

Concen: 49.873 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 525923

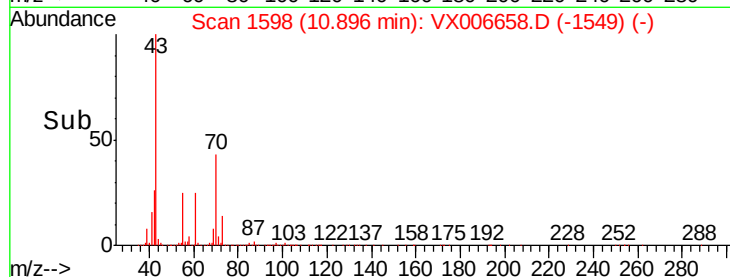
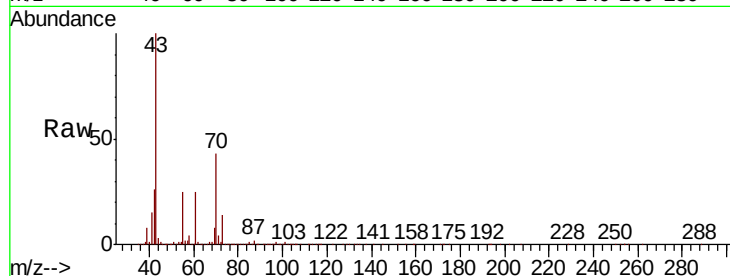
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 24.6 19.4 29.0

61 25.0 20.1 30.1

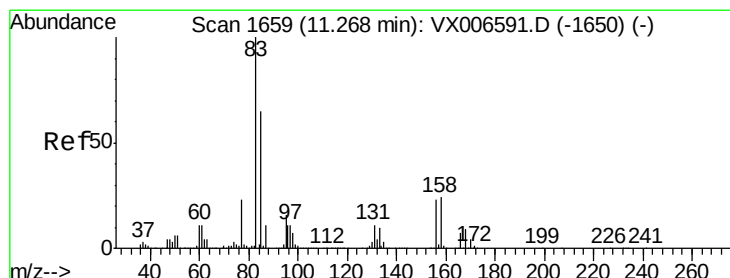
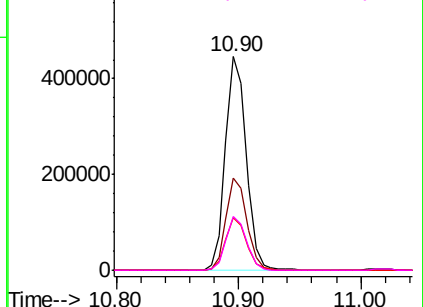


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.035 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

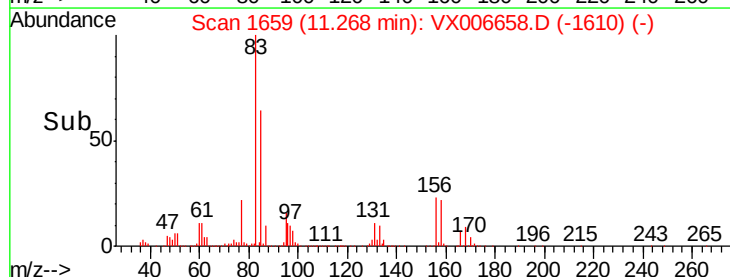
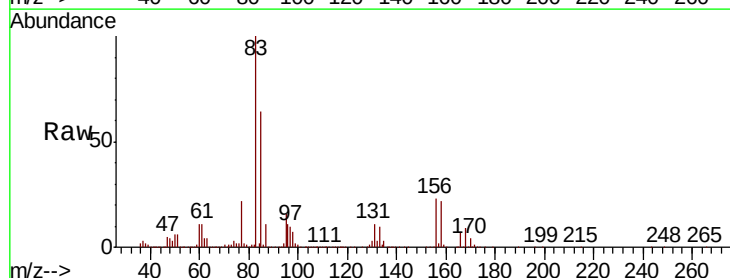
Tgt Ion: 83 Resp: 455918

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

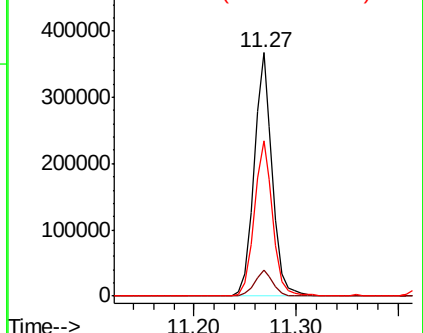
85 65.0 32.2 96.6

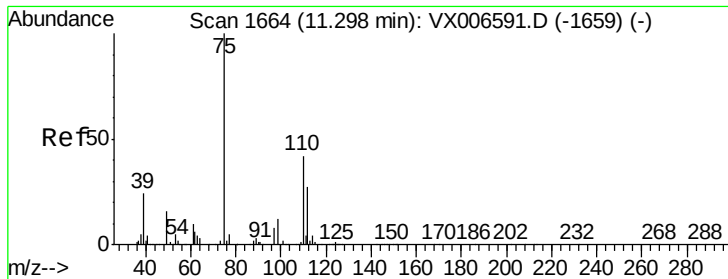


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.435 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

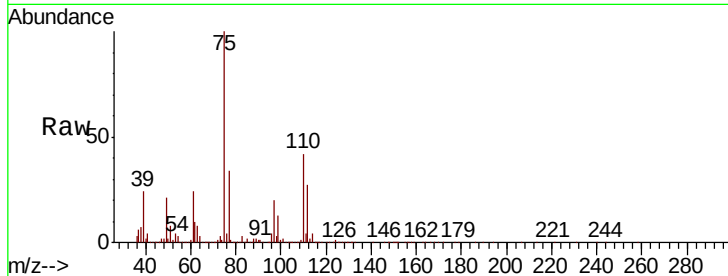
ClientSampleId :

Tot Ion: 75 Resp: 499675

Ion Ratio Lower Upper

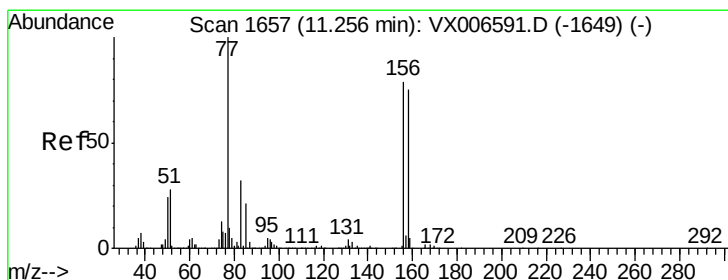
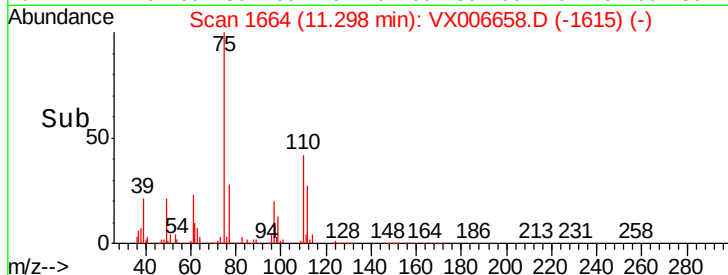
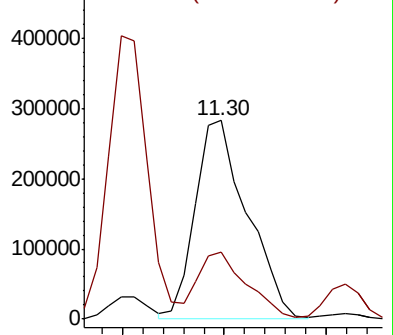
75 100

77 31.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.860 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

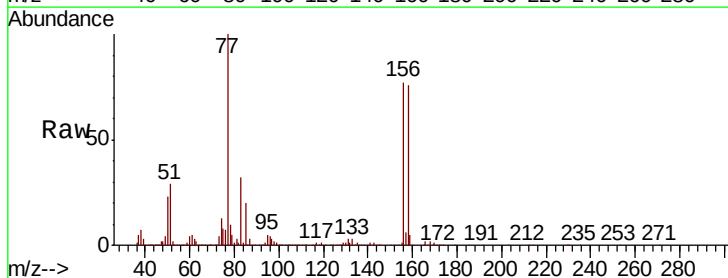
Tgt Ion: 156 Resp: 389164

Ion Ratio Lower Upper

156 100

77 138.7 68.0 204.0

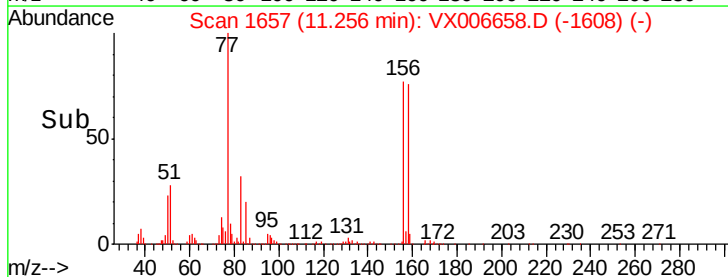
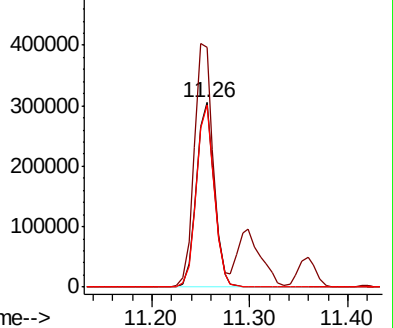
158 98.7 48.3 144.8

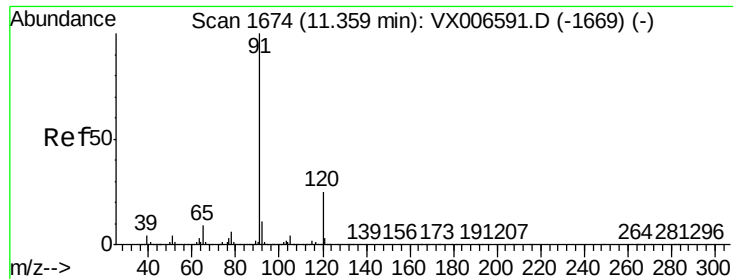


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.360 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

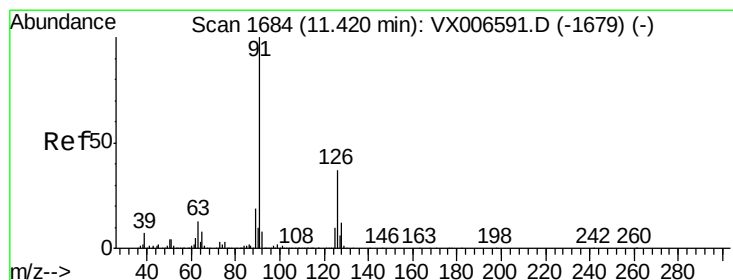
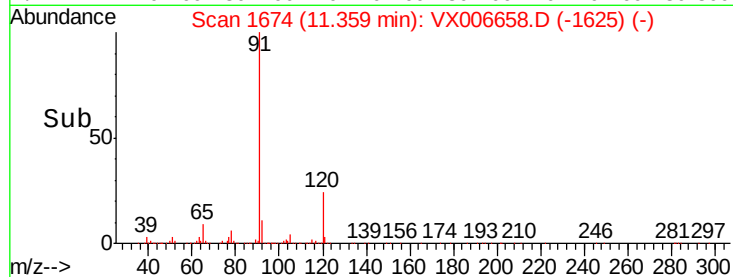
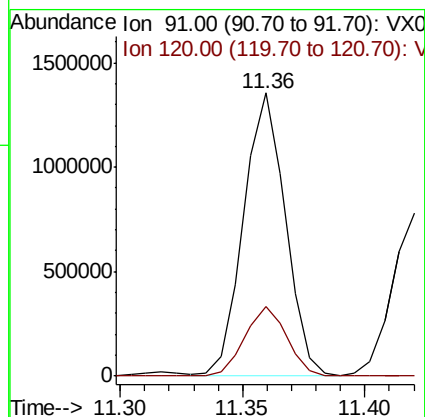
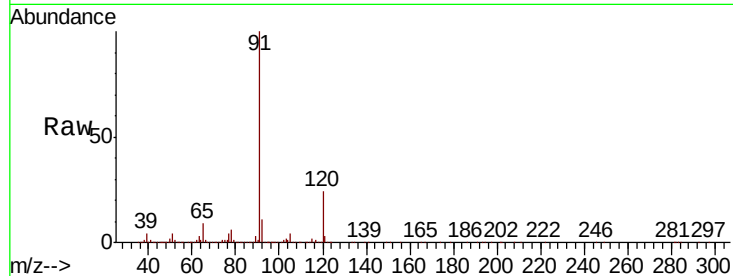
ClientSampleId :

Tot Ion: 91 Resp: 1601362

Ion Ratio Lower Upper

91 100

120 24.9 12.7 38.0



#79

2-Chlorotoluene

Concen: 48.477 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006658.D

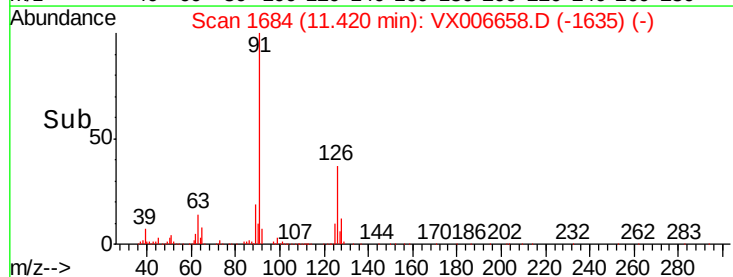
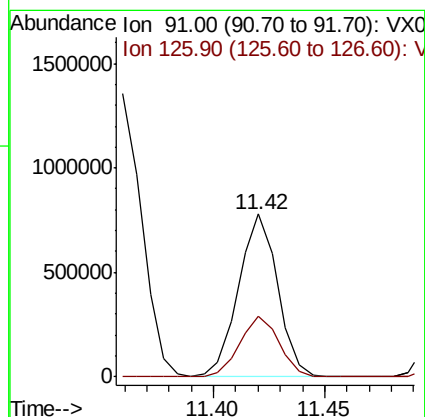
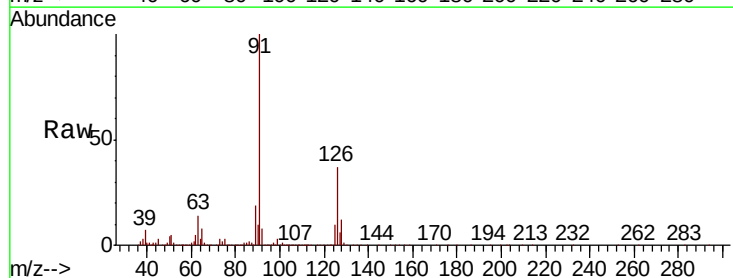
Acq: 20 Dec 2018 00:44

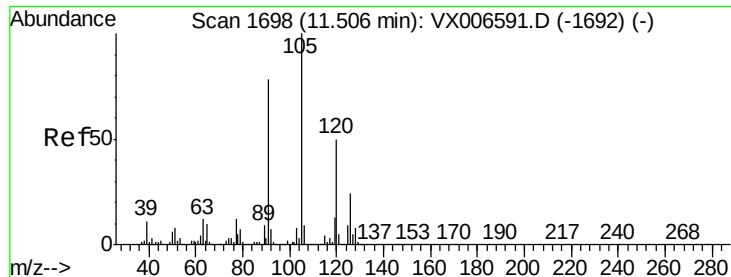
Tgt Ion: 91 Resp: 953076

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 49.455 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

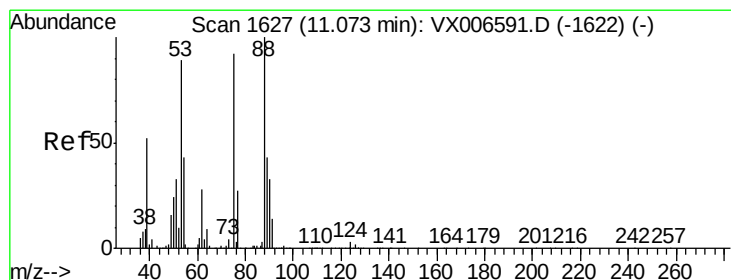
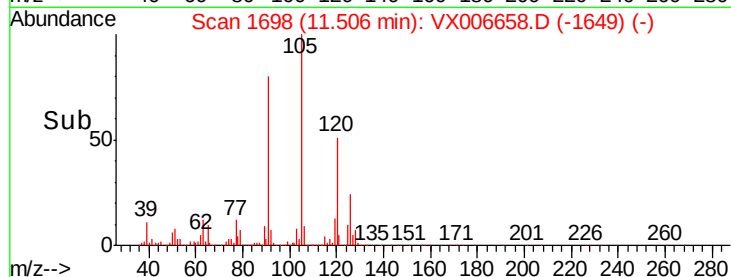
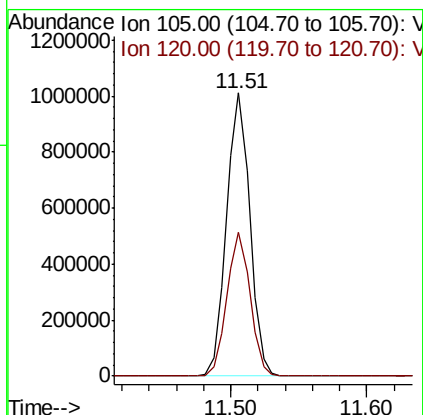
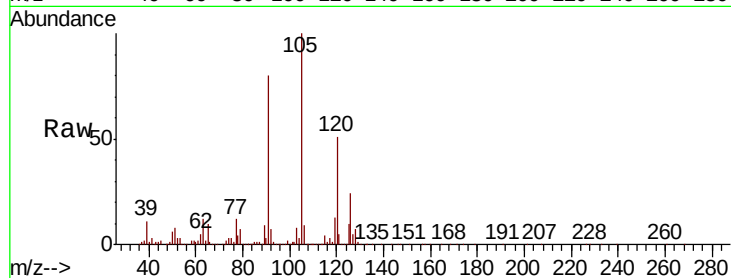
ClientSampleId :

Tot Ion:105 Resp: 1200062

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 42.563 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

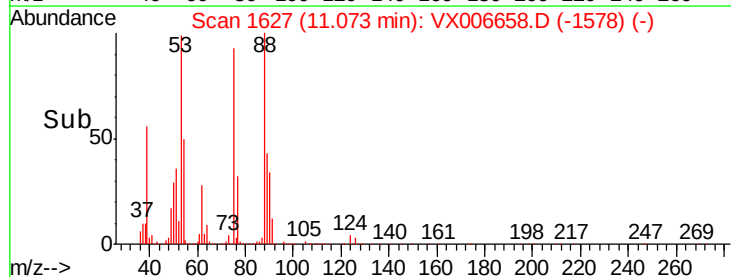
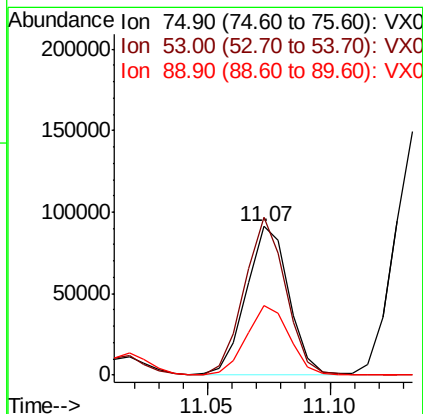
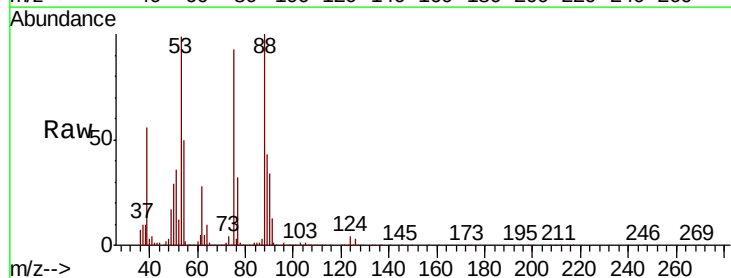
Tgt Ion: 75 Resp: 110123

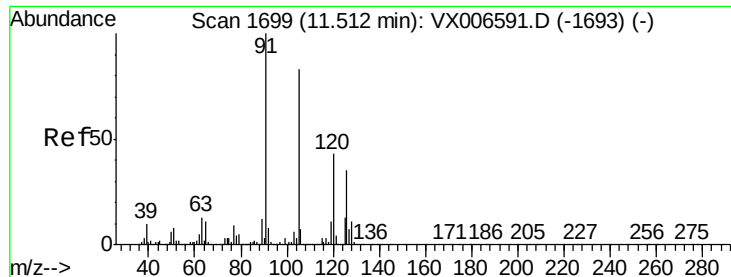
Ion Ratio Lower Upper

75 100

53 103.5 79.7 119.5

89 47.6 38.0 57.0





#82

4-Chlorotoluene

Concen: 49.178 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

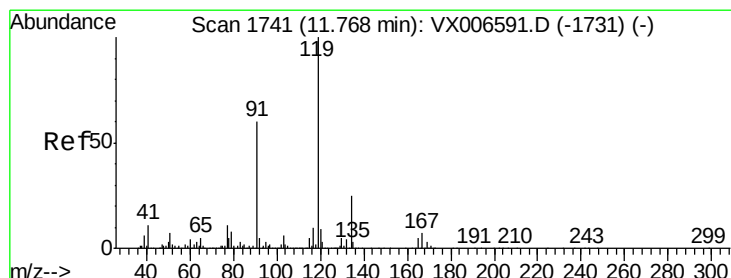
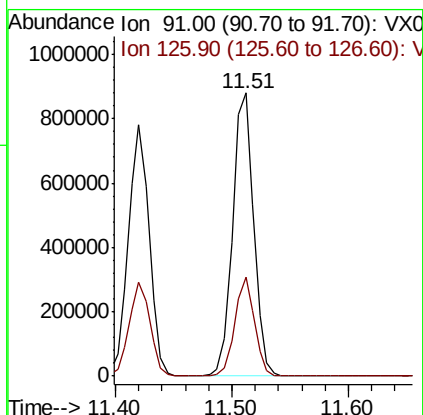
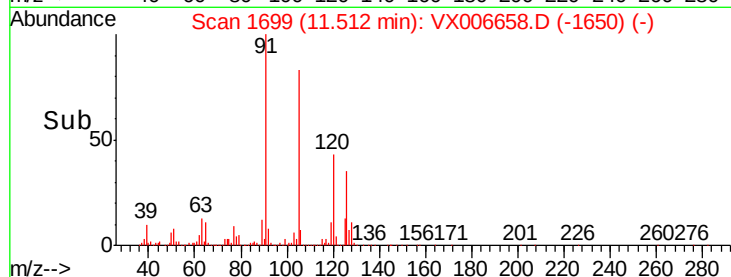
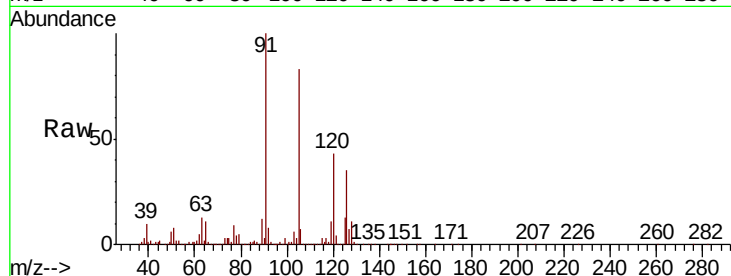
ClientSampled :

Tot Ion: 91 Resp: 1109057

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9



#83

tert-Butylbenzene

Concen: 50.757 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

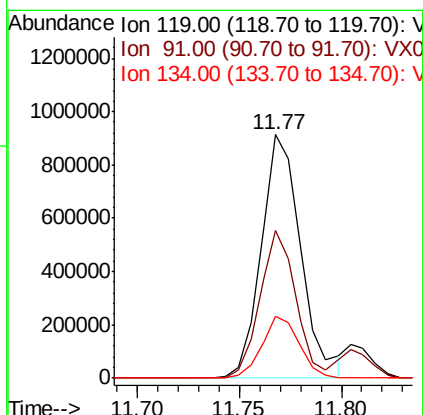
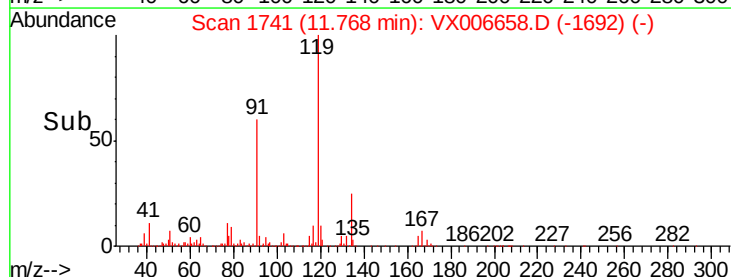
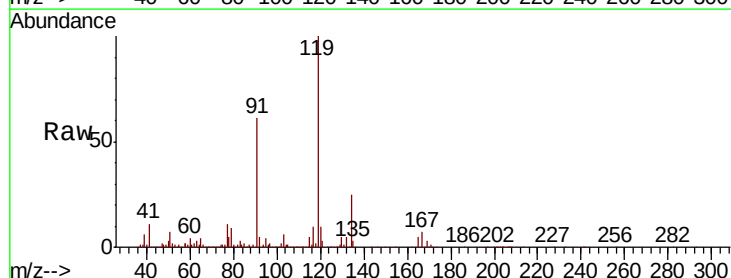
Tgt Ion: 119 Resp: 1232702

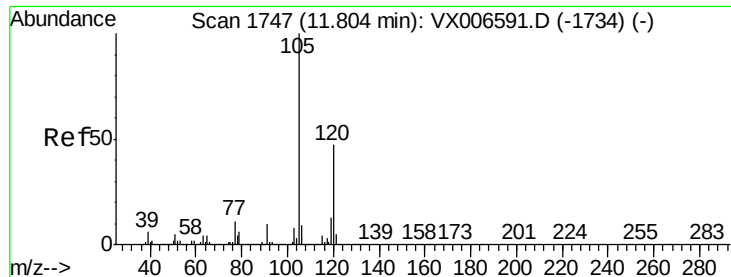
Ion Ratio Lower Upper

119 100

91 55.1 27.7 83.1

134 24.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 48.571 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

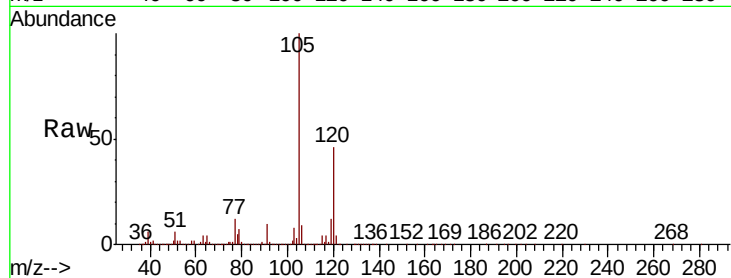
ClientSampleId :

Tot Ion:105 Resp: 1239715

Ion Ratio Lower Upper

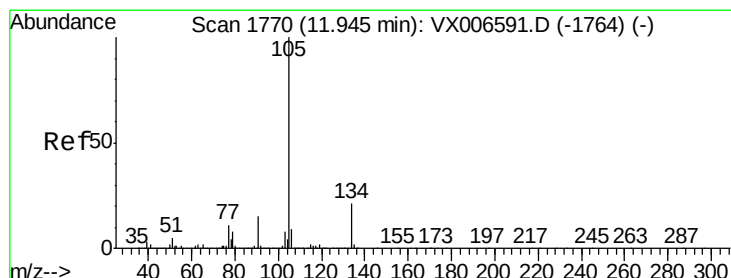
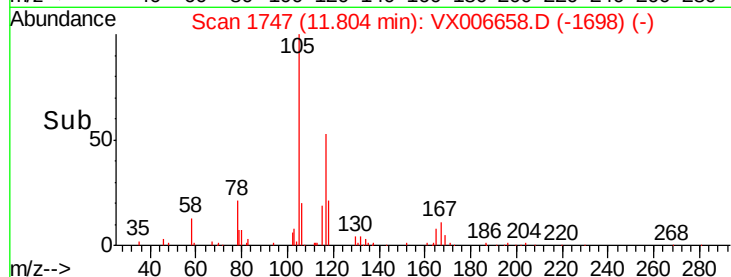
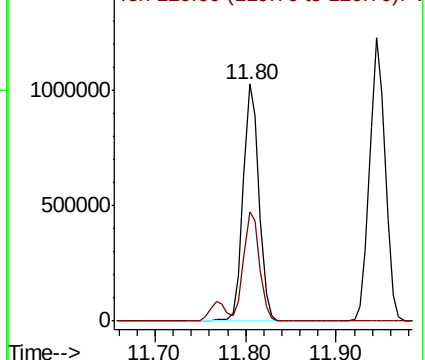
105 100

120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 49.285 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006658.D

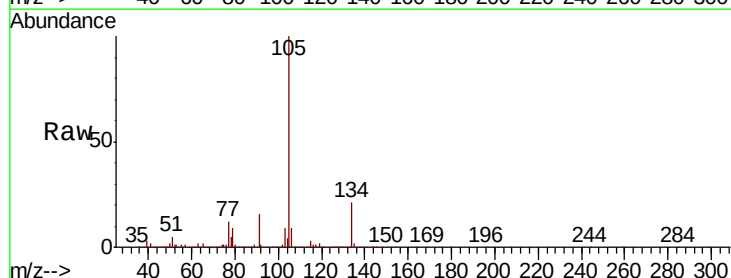
Acq: 20 Dec 2018 00:44

Tgt Ion:105 Resp: 1467524

Ion Ratio Lower Upper

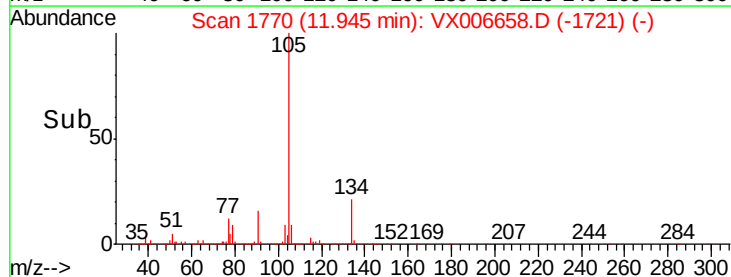
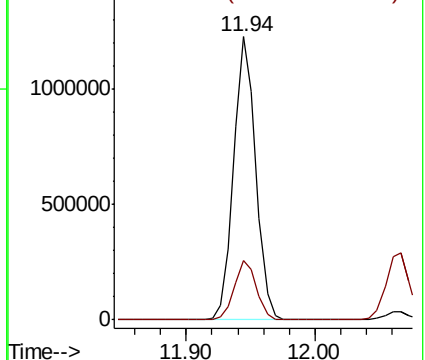
105 100

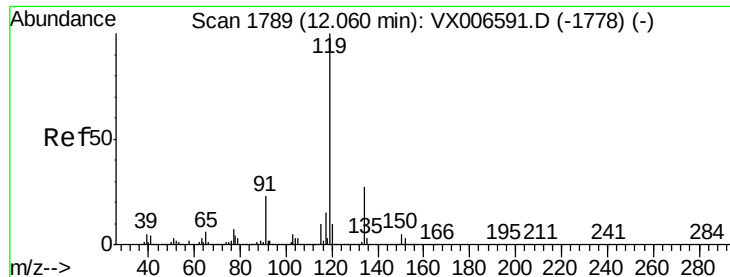
134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

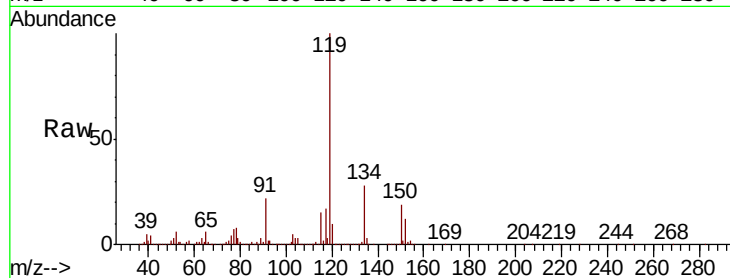




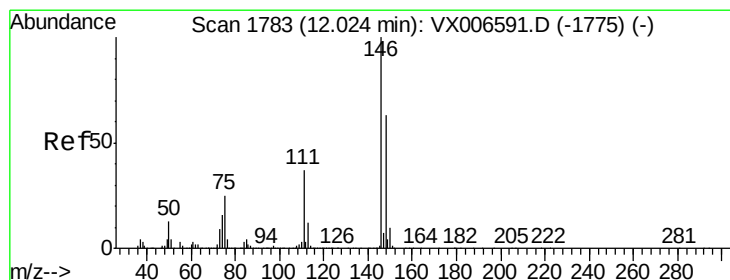
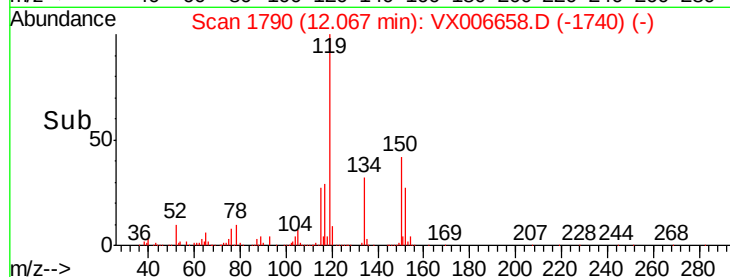
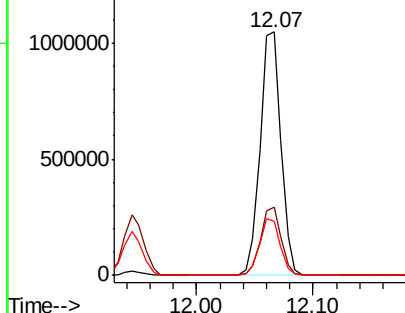
#86
 p-Isopropyltoluene
 Concen: 50.291 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 1316354
 Ion Ratio Lower Upper
 119 100
 134 27.5 14.0 41.9
 91 22.8 11.3 33.9

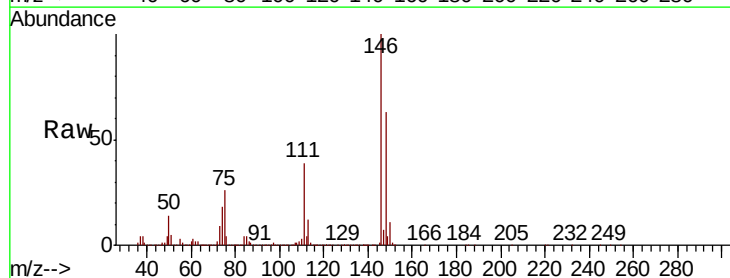


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

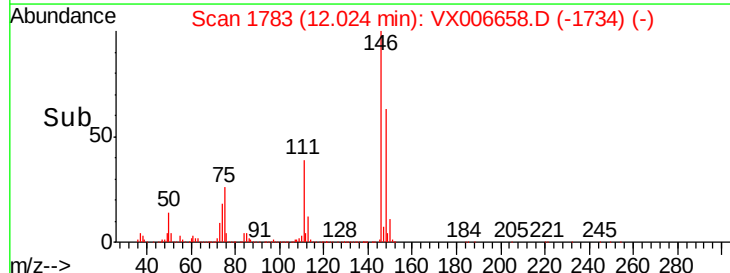
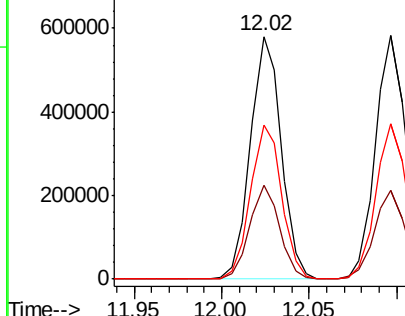


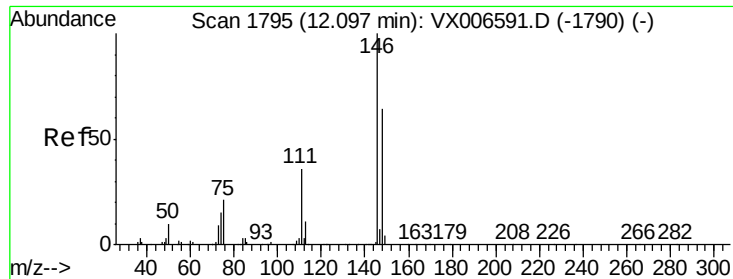
#87
 1,3-Dichlorobenzene
 Concen: 49.436 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion:146 Resp: 709637
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.2 31.8 95.3



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

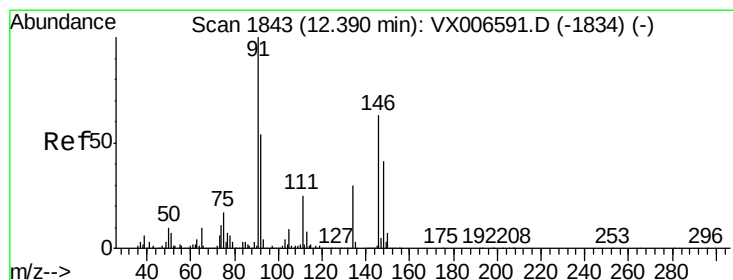
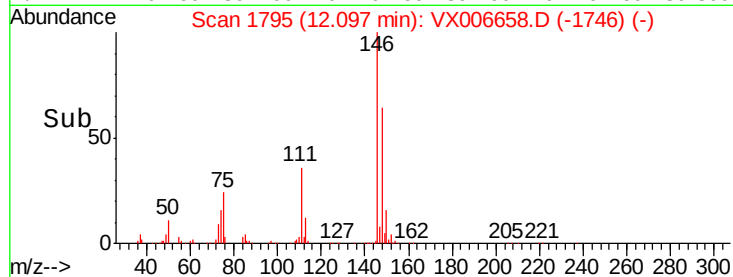
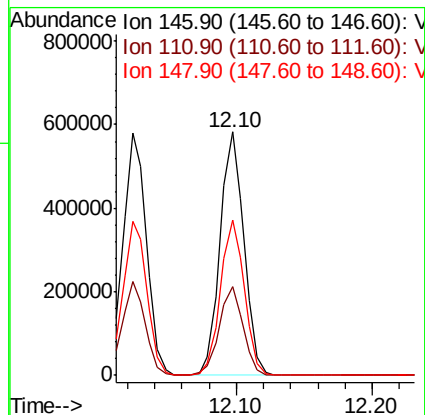
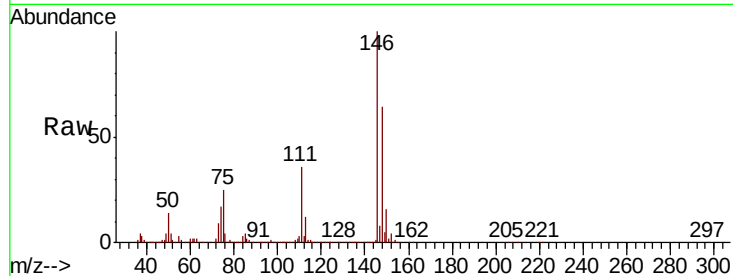




#88
 1,4-Dichlorobenzene
 Concen: 48.011 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

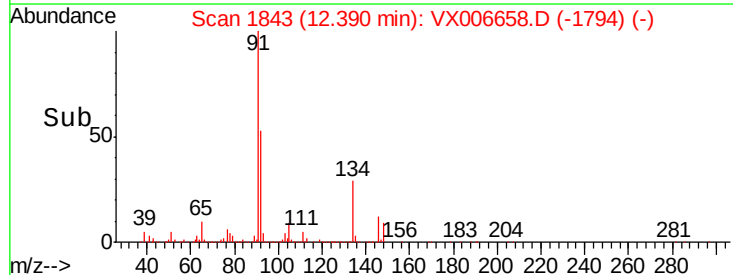
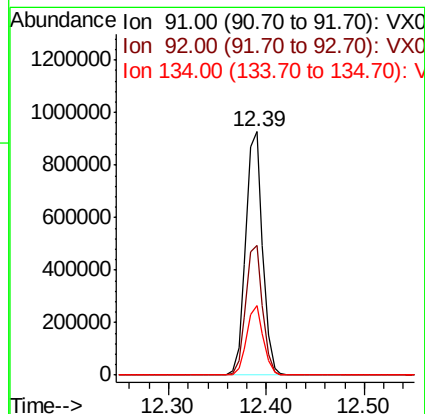
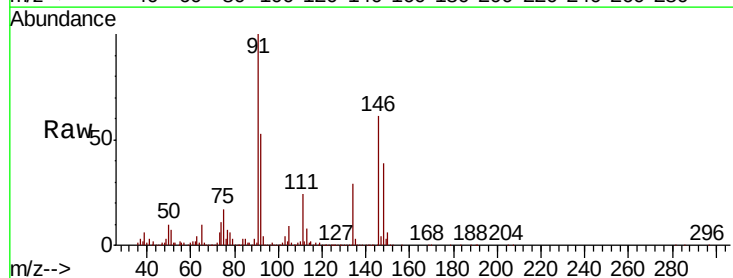
Instrument :
 MSVOA_X
 ClientSampled :

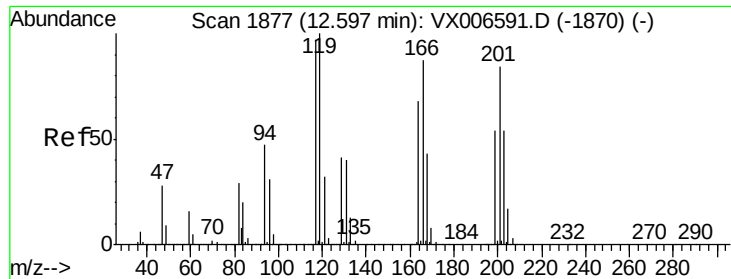
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.0	31.9	95.9



#89
 n-Butylbenzene
 Concen: 49.666 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	28.3	14.4	43.2

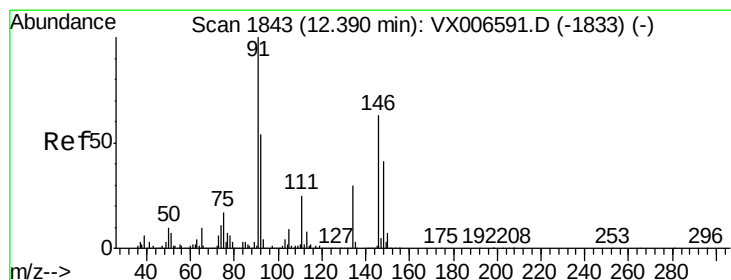
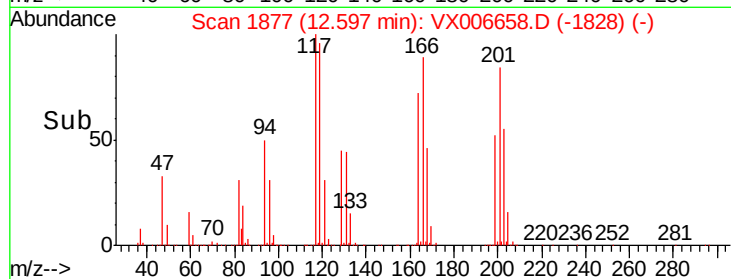
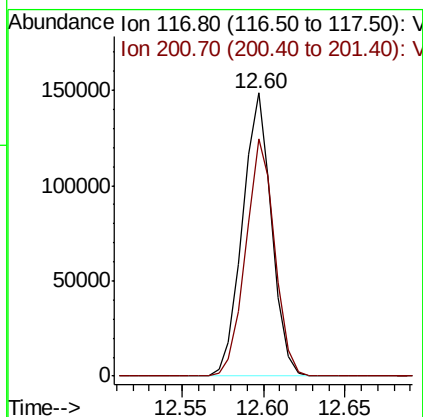
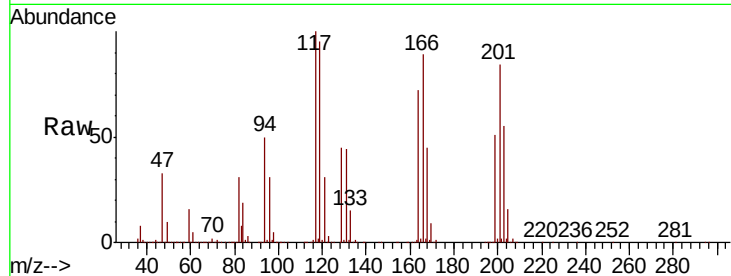




#90
Hexachloroethane
Concen: 45.332 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

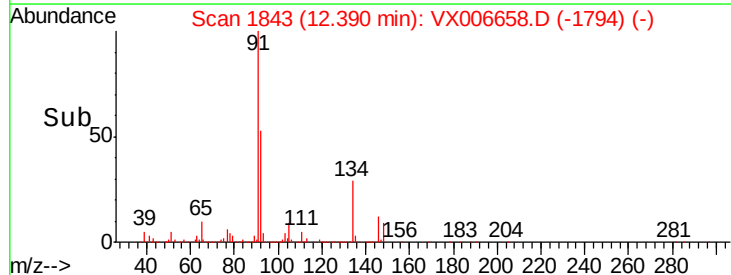
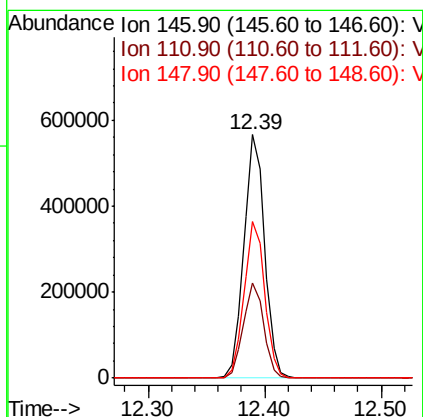
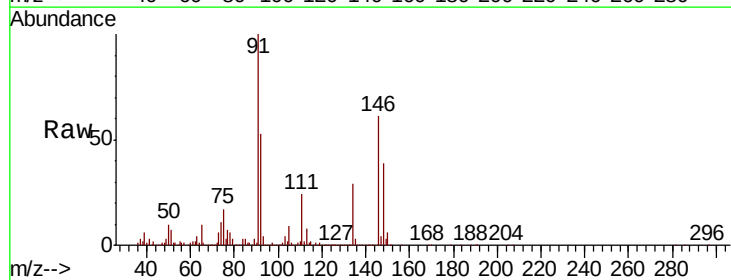
Instrument :
MSVOA_X
ClientSampleId :

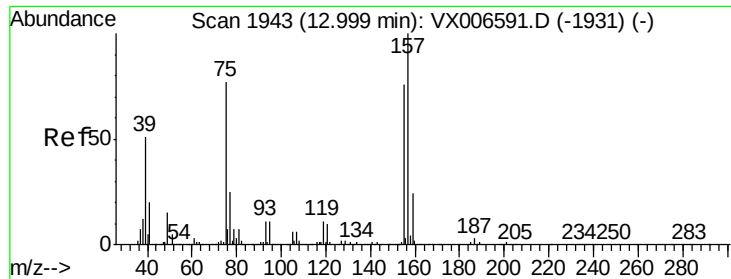
Tot Ion:117 Resp: 184355
Ion Ratio Lower Upper
117 100
201 83.5 42.9 128.7



#91
1,2-Dichlorobenzene
Concen: 49.054 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006658.D
Acq: 20 Dec 2018 00:44

Tgt Ion:146 Resp: 704402
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.3 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.415 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Instrument :

MSVOA_X

ClientSampled :

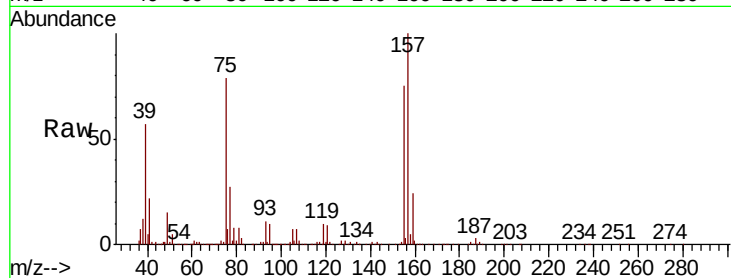
Tot Ion: 75 Resp: 93212

Ion Ratio Lower Upper

75 100

155 99.9 50.6 151.8

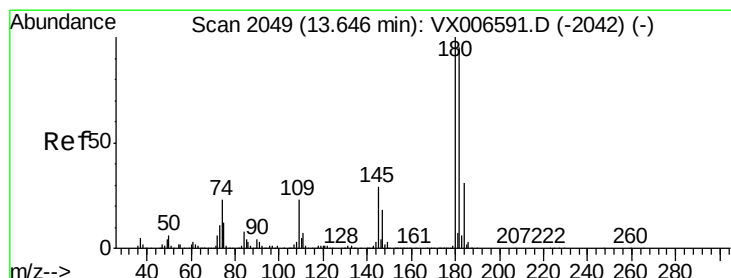
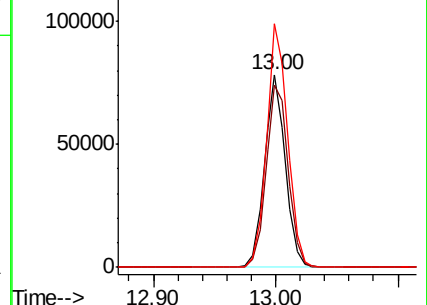
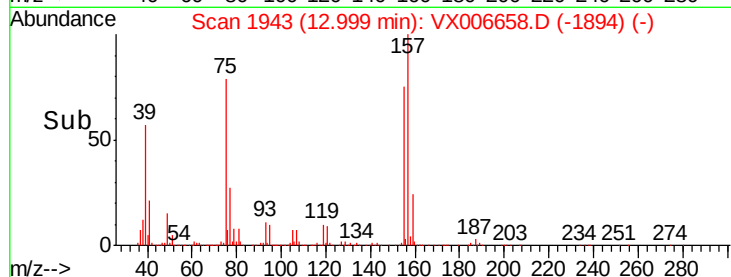
157 127.4 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX006658.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX006658.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX006658.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.743 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

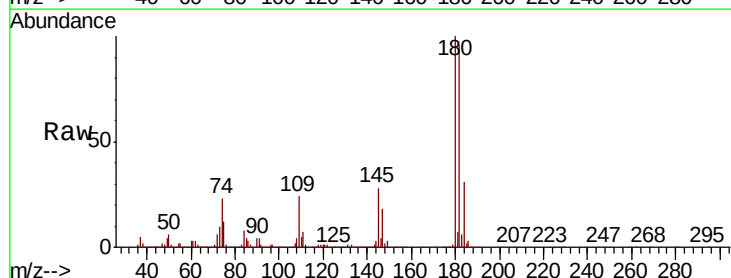
Tgt Ion:180 Resp: 482813

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

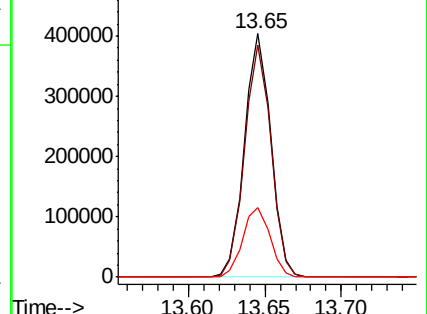
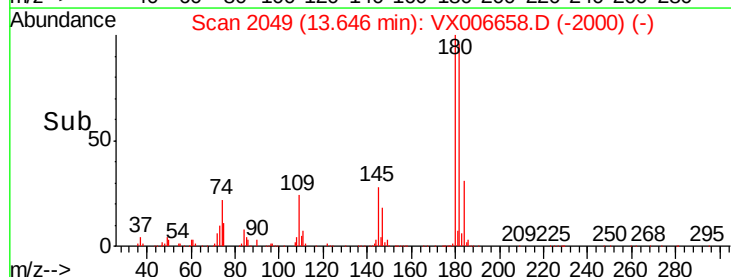
145 29.6 14.8 44.3

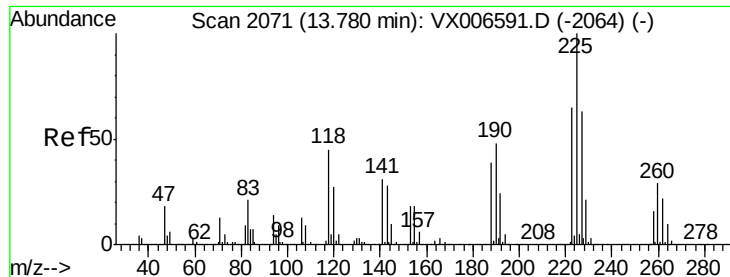


Abundance Ion 179.80 (179.50 to 180.50): VX006658.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX006658.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX006658.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 45.379 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

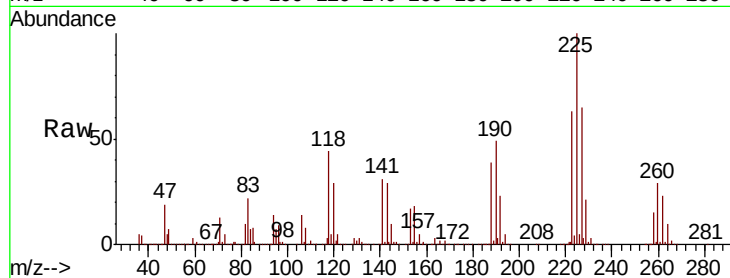
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:225 Resp: 211863

Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	63.5	32.3	96.8

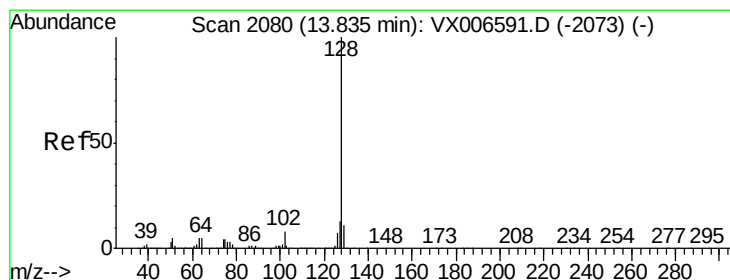
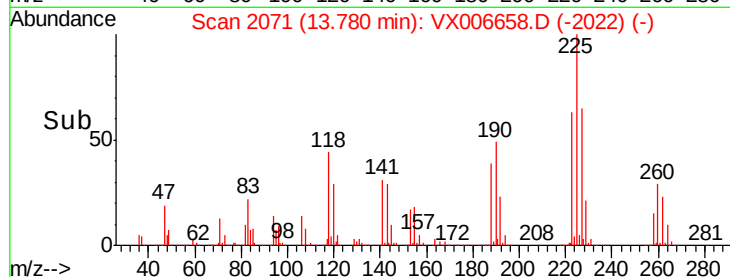
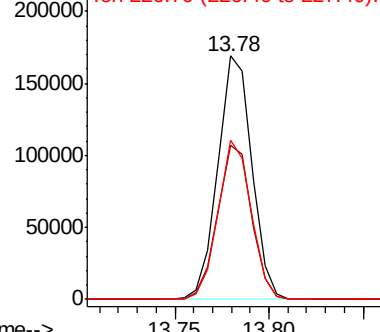


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.760 ug/l

RT: 13.83 min Scan# 2080

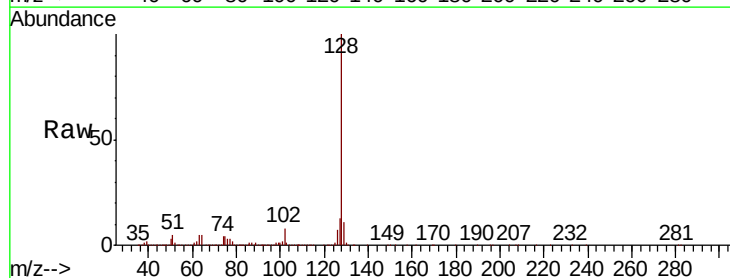
Delta R.T. -0.00 min

Lab File: VX006658.D

Acq: 20 Dec 2018 00:44

Tgt Ion:128 Resp: 1573126

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.0	8.6	13.0

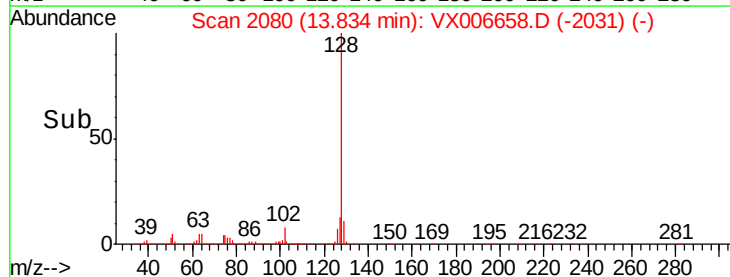
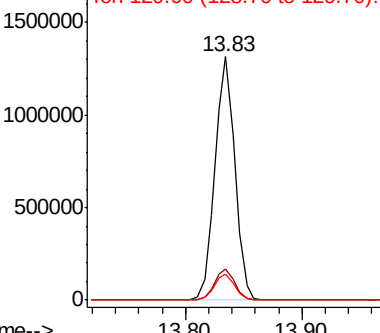


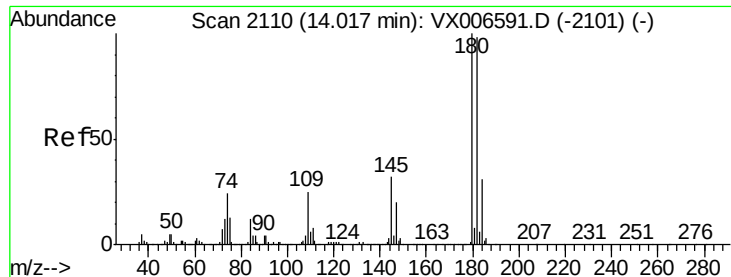
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

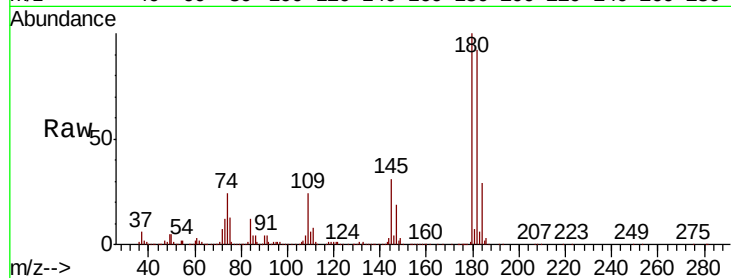




#96
 1,2,3-Trichlorobenzene
 Concen: 48.459 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX006658.D
 Acq: 20 Dec 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.5	145.5
145	31.1	16.0	47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

