

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006193.D
 Acq On : 27 Nov 2018 00:04
 Operator : JC/MD
 Sample : VX1126WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 04:04:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	159331	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	5.50	113	126440	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	476187	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.14	95	171712	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39369	19.957	ug/l	99
3) Chloromethane	1.32	50	48592	19.500	ug/l	98
4) Vinyl Chloride	1.41	62	48281	19.048	ug/l	93
5) Bromomethane	1.64	94	31899	18.862	ug/l	98
6) Chloroethane	1.72	64	30878	29.792	ug/l	99
7) Trichlorofluoromethane	1.93	101	78379	23.637	ug/l	98
8) Diethyl Ether	2.19	74	29865	21.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40516	20.606	ug/l	99
10) Methyl Iodide	2.51	142	41554	16.857	ug/l	99
11) Tert butyl alcohol	3.07	59	72292	110.479	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40979	21.379	ug/l	98
13) Acrolein	2.29	56	38312	97.846	ug/l	97
14) Allyl chloride	2.73	41	78298	19.966	ug/l	99
15) Acrylonitrile	3.15	53	149992	103.779	ug/l	99
16) Acetone	2.45	43	147786	108.271	ug/l	95
17) Carbon Disulfide	2.57	76	104237	20.140	ug/l	98
18) Methyl Acetate	2.78	43	78565	22.445	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	136981	20.675	ug/l	99
20) Methylene Chloride	2.86	84	44555	21.367	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39530	19.711	ug/l	98
22) Diisopropyl ether	3.87	45	180447	21.495	ug/l	99
23) Vinyl Acetate	3.82	43	762840	109.529	ug/l	100
24) 1,1-Dichloroethane	3.70	63	83002	20.986	ug/l	98
25) 2-Butanone	4.70	43	263489	104.000	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58419	17.921	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55546	19.816	ug/l	99
28) Bromochloromethane	5.01	49	50684	21.988	ug/l	100
29) Tetrahydrofuran	5.15	42	166907	105.606	ug/l	98
30) Chloroform	5.21	83	98046	20.457	ug/l	99
31) Cyclohexane	5.58	56	75694	18.322	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	82278	21.261	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67222	18.951	ug/l	98
37) Ethyl Acetate	4.85	43	94771	20.766	ug/l	99
38) Carbon Tetrachloride	5.78	117	69391	20.812	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70670	17.487	ug/l	98
40) Benzene	6.14	78	208216	19.923	ug/l	97
41) Methacrylonitrile	5.06	41	52648	20.933	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80931	20.713	ug/l	99
43) Isopropyl Acetate	6.46	43	134296	20.376	ug/l	99
44) Trichloroethene	7.21	130	57321	19.734	ug/l	97
45) 1,2-Dichloropropane	7.51	63	55286	19.989	ug/l	99
46) Dibromomethane	7.66	93	38529	20.342	ug/l	99
47) Bromodichloromethane	7.90	83	72545	20.708	ug/l	99
48) Methyl methacrylate	7.77	41	72474	21.682	ug/l	98
49) 1,4-Dioxane	7.75	88	31654	399.157	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	501051	106.044	ug/l	99
52) Toluene	8.79	92	133247	20.613	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74335	20.334	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	80286	19.867	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	57004	20.362	ug/l	98
56) Ethyl methacrylate	9.18	69	78967	19.941	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94366	20.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	241575	103.342	ug/l	99
59) 2-Hexanone	9.49	43	399546	106.553	ug/l	98
60) Dibromochloromethane	9.59	129	57557	20.970	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60245	20.889	ug/l	99
64) Tetrachloroethene	9.34	164	62021	20.399	ug/l	96
65) Chlorobenzene	10.14	112	149071	19.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	54450	20.928	ug/l	97
67) Ethyl Benzene	10.25	91	245550	19.789	ug/l	100
68) m/p-Xylenes	10.36	106	192989	39.941	ug/l	100
69) o-Xylene	10.70	106	92103	19.956	ug/l	99
70) Styrene	10.71	104	152972	20.327	ug/l	99
71) Bromoform	10.86	173	46698	20.051	ug/l #	99
73) Isopropylbenzene	11.02	105	251379	20.571	ug/l	99
74) N-amyl acetate	10.90	43	117202	20.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93534	20.310	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105368	25.341	ug/l	88
77) Bromobenzene	11.26	156	69189	20.211	ug/l	99
78) n-propylbenzene	11.36	91	290003	20.378	ug/l	100
79) 2-Chlorotoluene	11.42	91	174865	20.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212865	20.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23487	19.105	ug/l	97
82) 4-Chlorotoluene	11.51	91	206497	20.552	ug/l	100
83) tert-Butylbenzene	11.77	119	202145	20.098	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	219171	20.854	ug/l	98
85) sec-Butylbenzene	11.94	105	252514	20.525	ug/l	99
86) p-Isopropyltoluene	12.07	119	223176	20.346	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	124843	19.779	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127424	19.474	ug/l	98
89) n-Butylbenzene	12.39	91	188499	18.980	ug/l	98
90) Hexachloroethane	12.60	117	36205	20.683	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	125531	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22204	20.778	ug/l	97

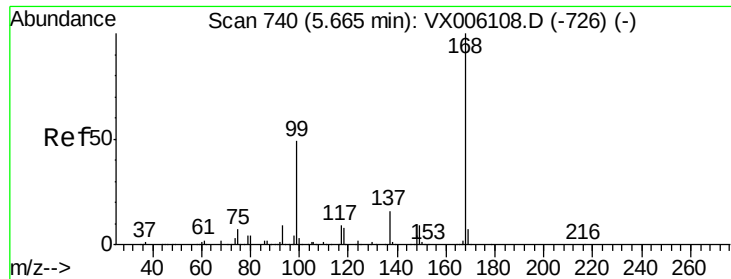
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87593	19.269	ug/l	98
94) Hexachlorobutadiene	13.79	225	42480	19.174	ug/l	99
95) Naphthalene	13.83	128	274477	20.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92465	19.952	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

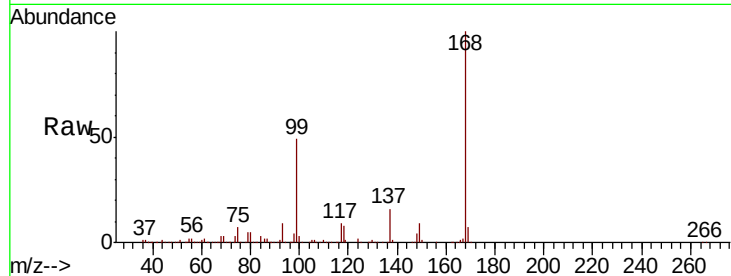
ClientSampleId :

Tot Ion:168 Resp: 265459

Ion Ratio Lower Upper

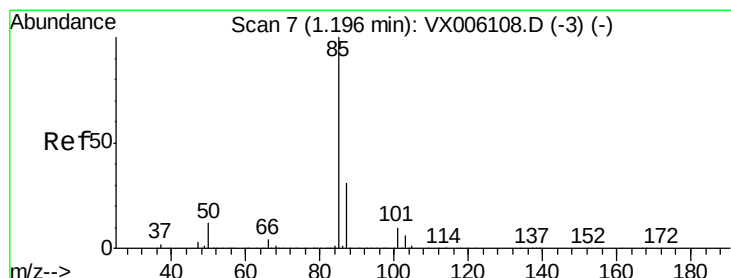
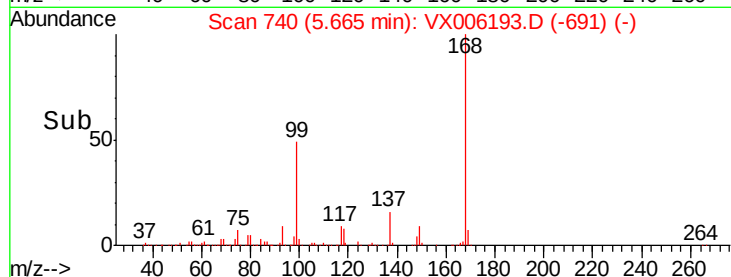
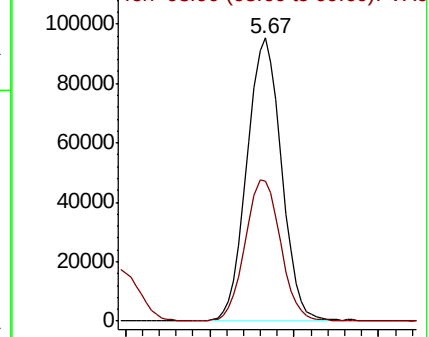
168 100

99 49.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.957 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006193.D

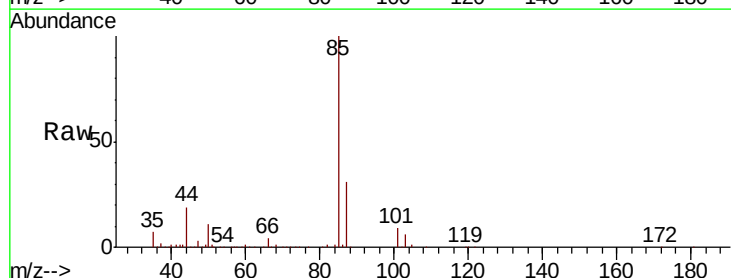
Acq: 27 Nov 2018 00:04

Tgt Ion: 85 Resp: 39369

Ion Ratio Lower Upper

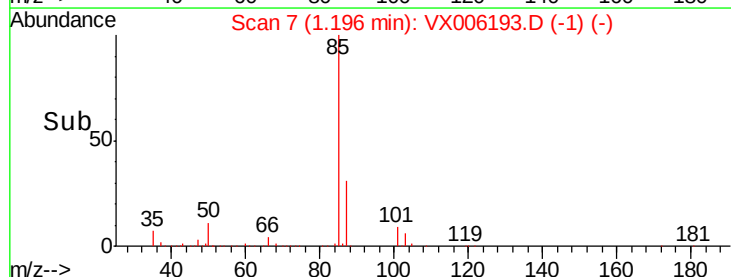
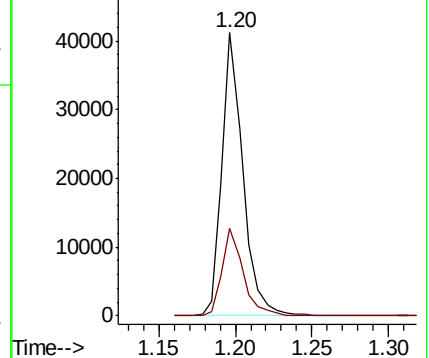
85 100

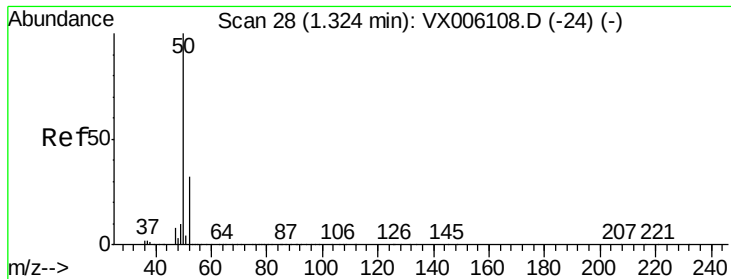
87 30.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.500 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

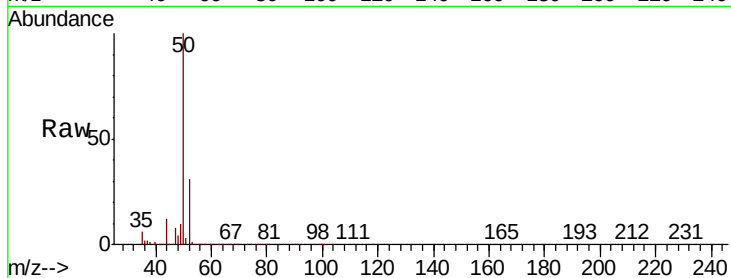
ClientSampleId :

Tot Ion: 50 Resp: 48592

Ion Ratio Lower Upper

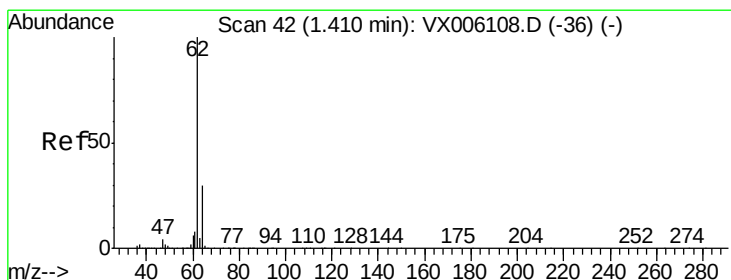
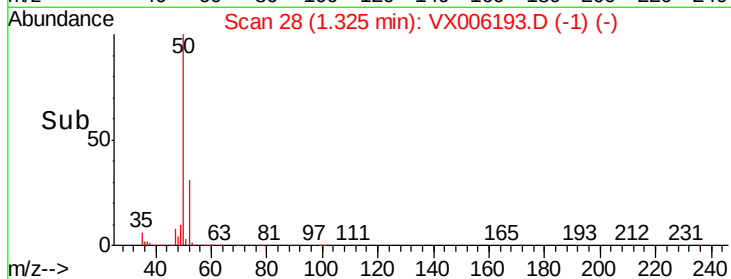
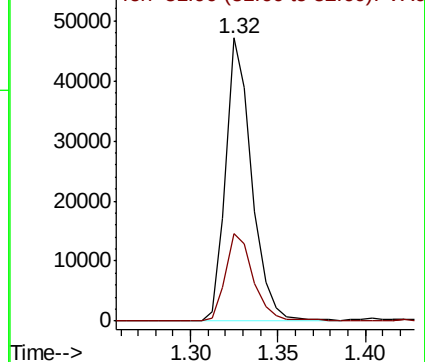
50 100

52 30.9 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.048 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006193.D

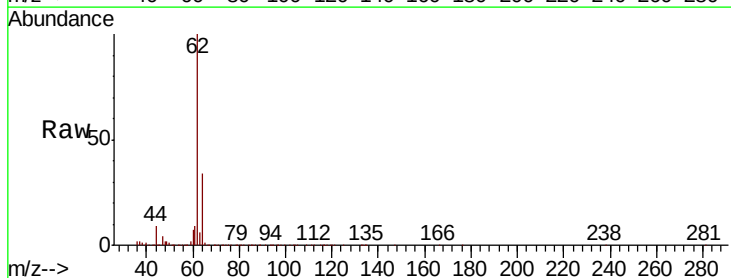
Acq: 27 Nov 2018 00:04

Tgt Ion: 62 Resp: 48281

Ion Ratio Lower Upper

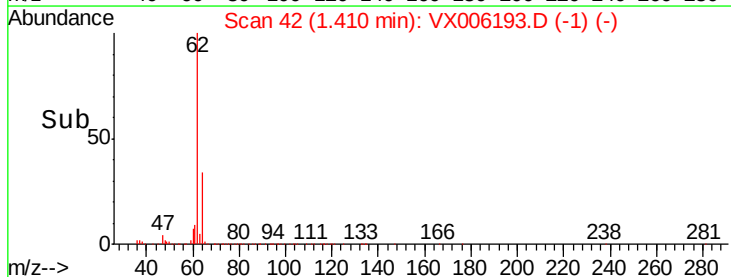
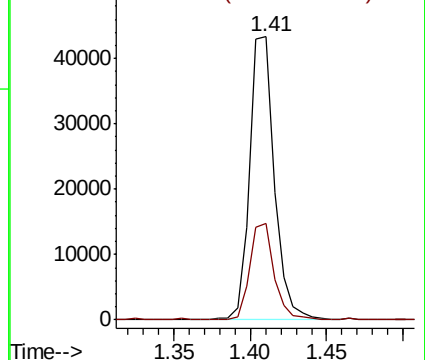
62 100

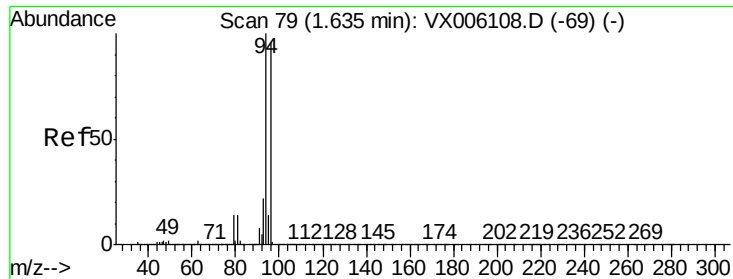
64 34.0 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.862 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

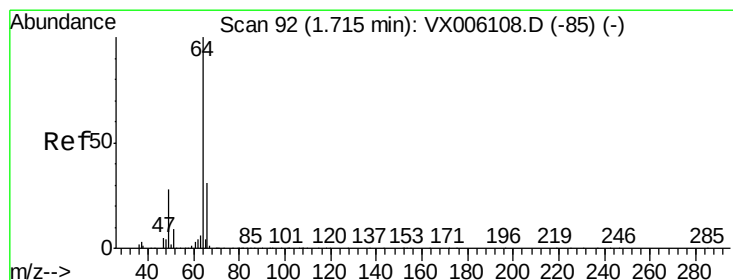
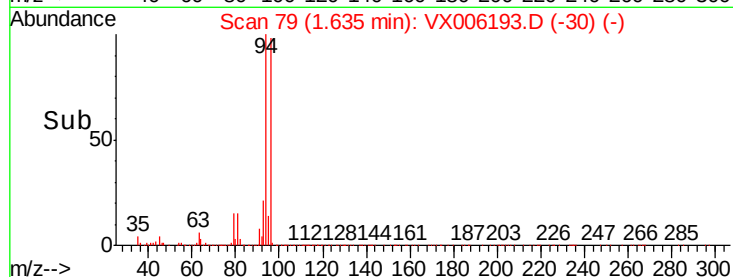
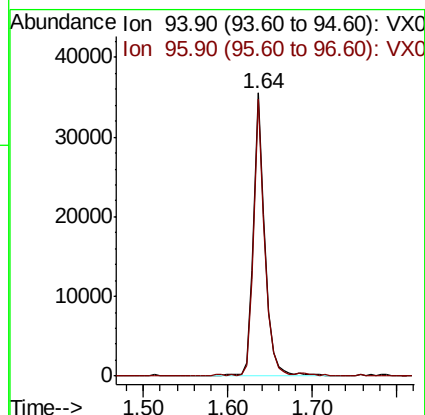
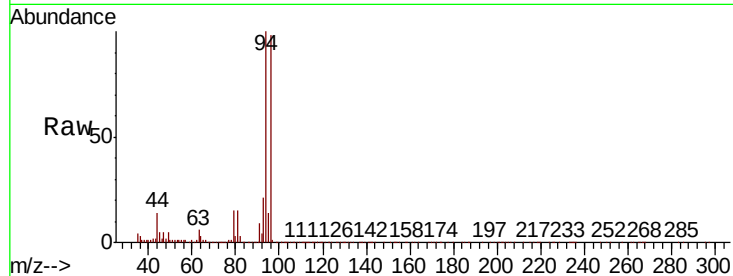
ClientSampleId :

Tot Ion: 94 Resp: 31899

Ion Ratio Lower Upper

94 100

96 97.9 76.7 115.1



#6

Chloroethane

Concen: 29.792 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006193.D

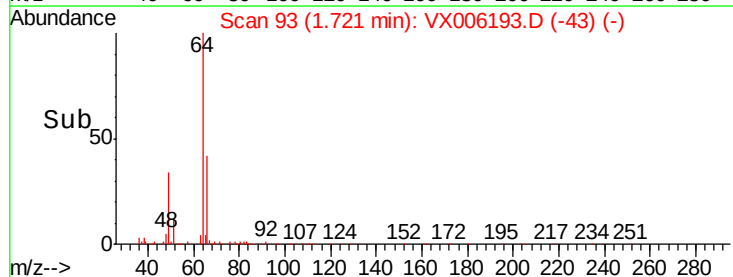
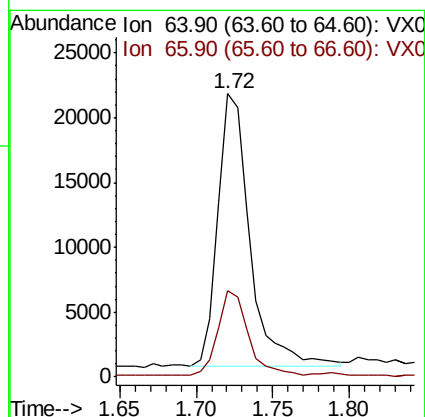
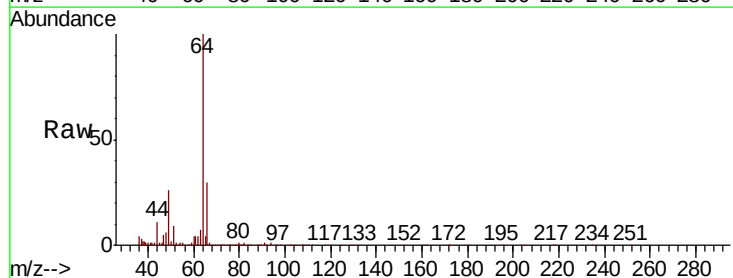
Acq: 27 Nov 2018 00:04

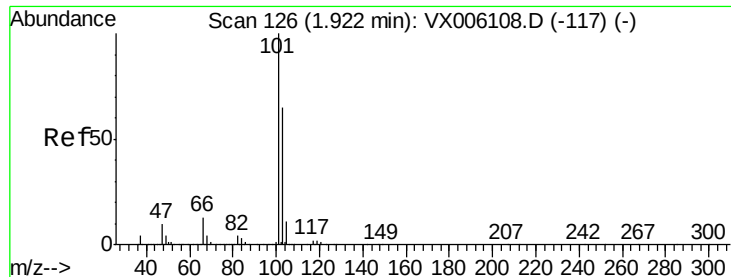
Tgt Ion: 64 Resp: 30878

Ion Ratio Lower Upper

64 100

66 30.8 25.1 37.7



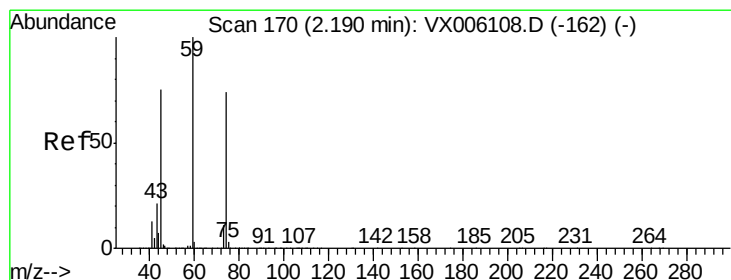
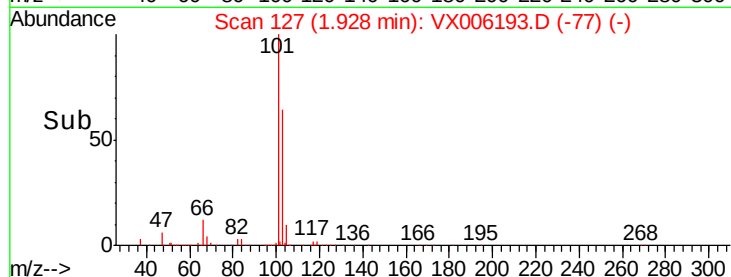
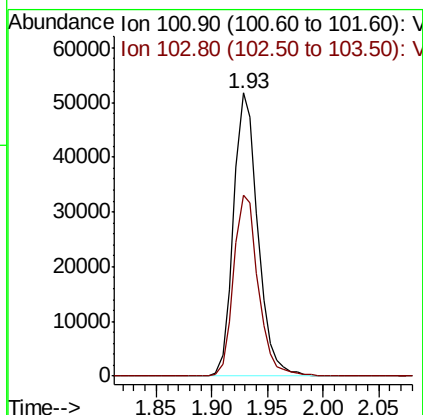
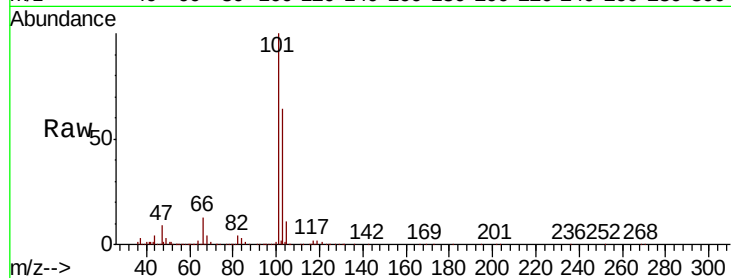


#7

Trichlorofluoromethane
Concen: 23.637 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :

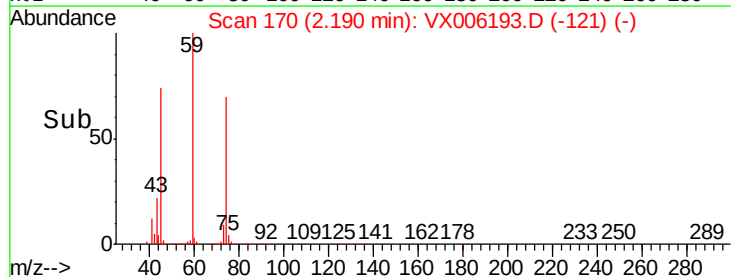
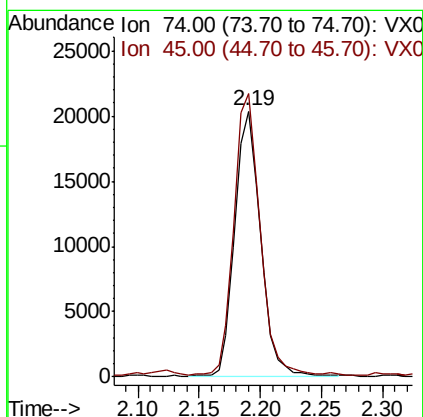
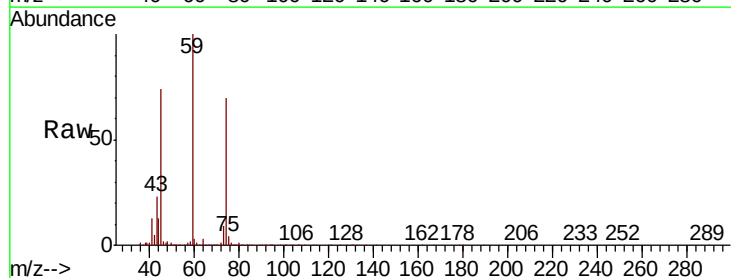
Tot Ion:101 Resp: 78379
Ion Ratio Lower Upper
101 100
103 63.9 52.1 78.1

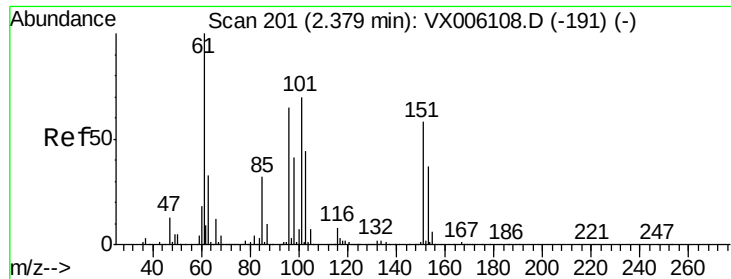


#8

Diethyl Ether
Concen: 21.307 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 74 Resp: 29865
Ion Ratio Lower Upper
74 100
45 105.5 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.606 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

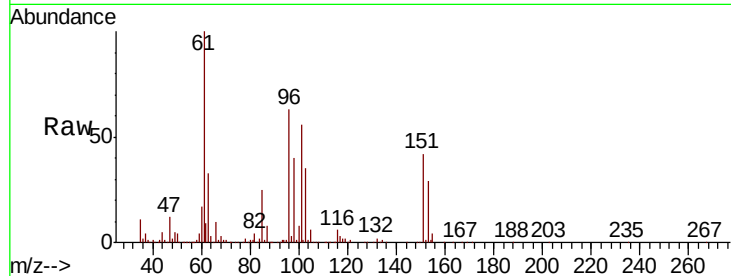
Tot Ion:101 Resp: 40516

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

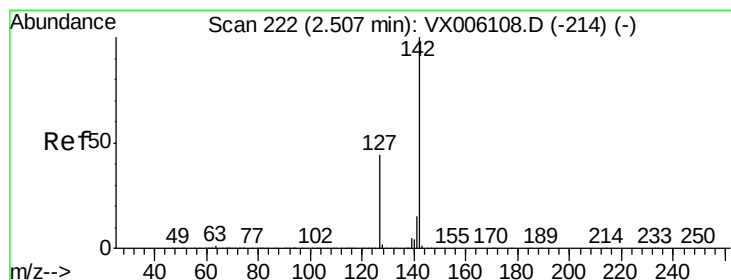
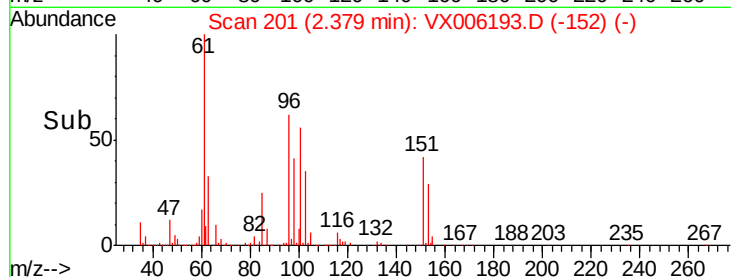
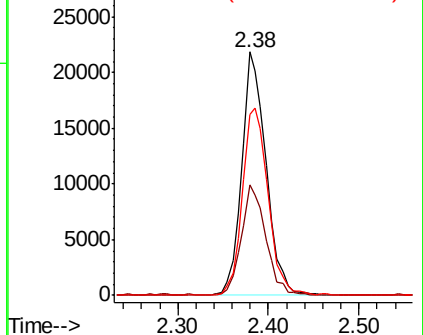
151 81.5 65.8 98.6



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: 16.857 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

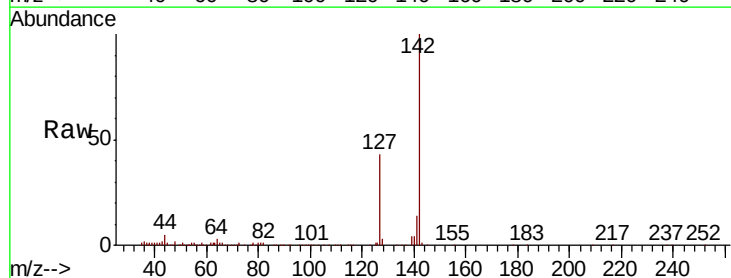
Tgt Ion:142 Resp: 41554

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

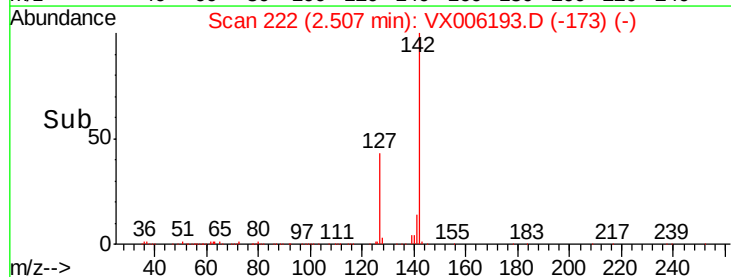
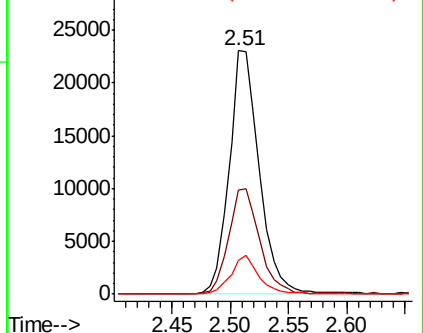
141 15.1 11.7 17.5

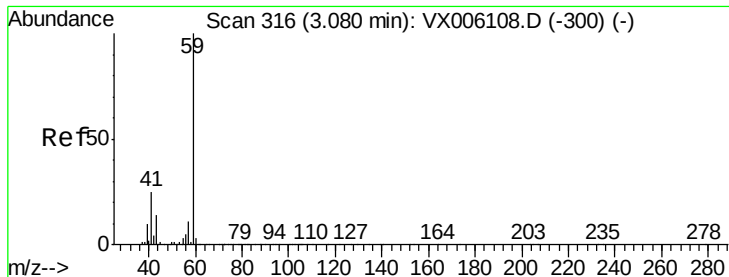


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



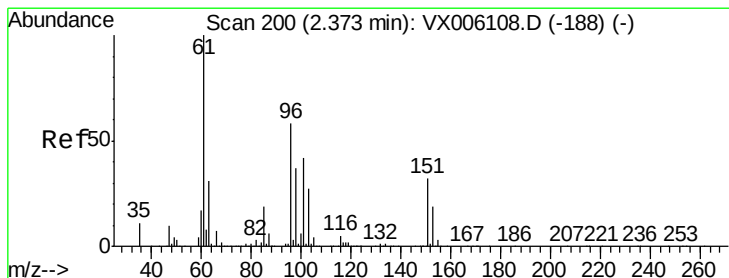
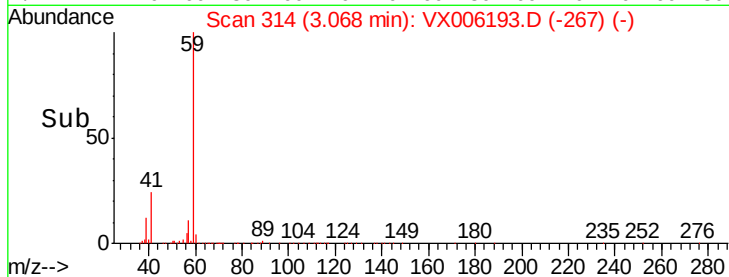
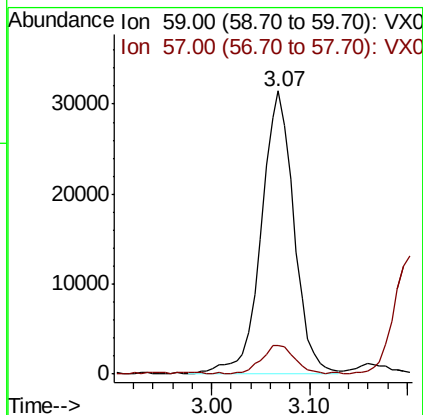
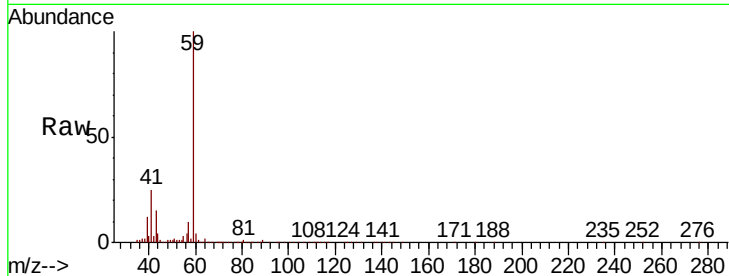


#11

Tert butyl alcohol
Concen: 110.479 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :

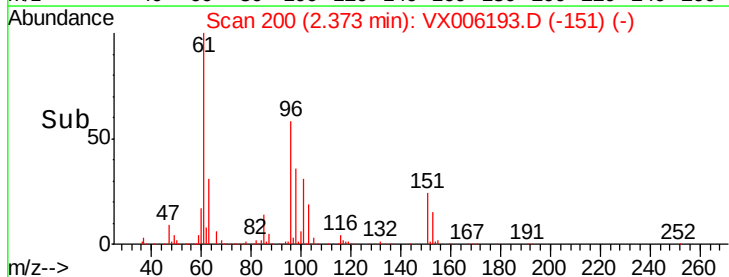
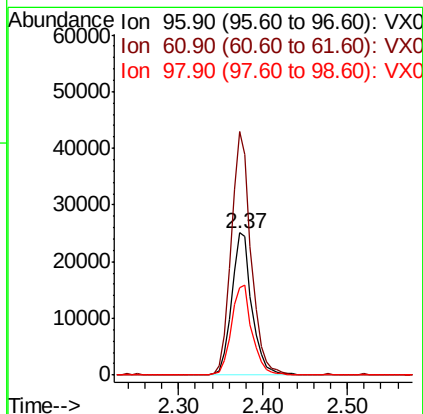
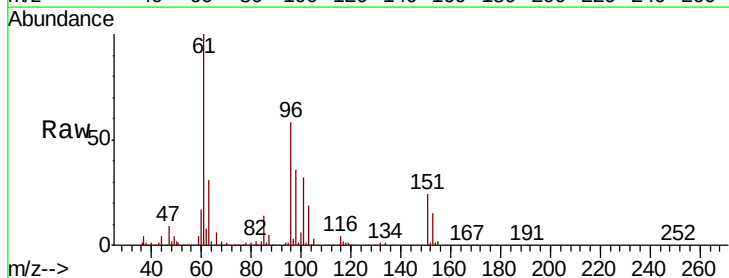
Tot Ion: 59 Resp: 72292
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

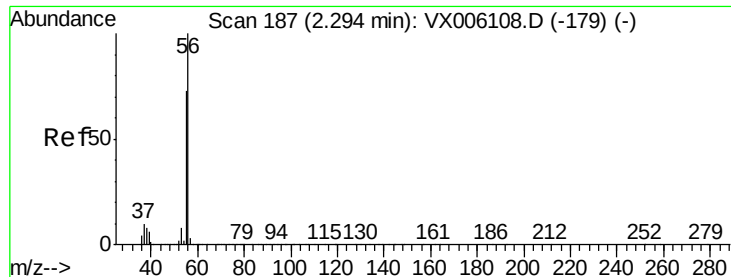


#12

1,1-Dichloroethene
Concen: 21.379 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 96 Resp: 40979
Ion Ratio Lower Upper
96 100
61 171.3 138.2 207.4
98 61.9 51.3 76.9





#13

Acrolein

Concen: 97.846 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

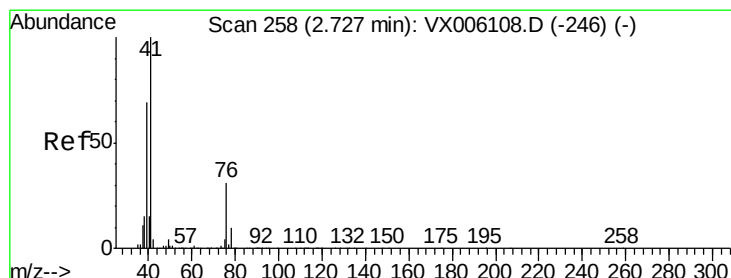
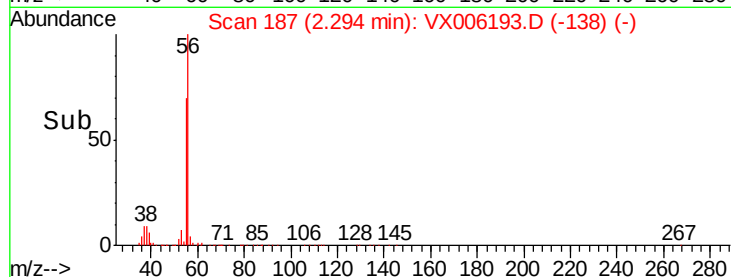
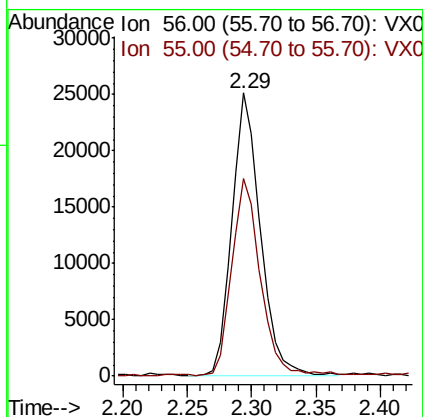
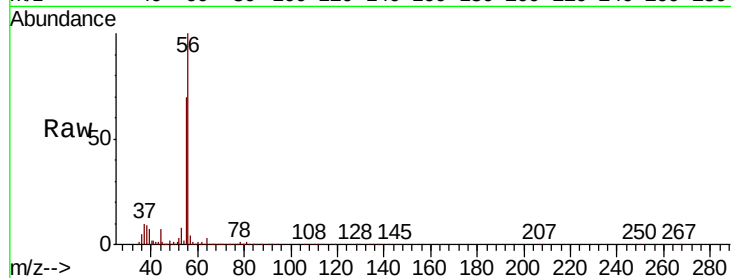
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 38312

Ion Ratio Lower Upper

56 100

55 70.0 57.8 86.6



#14

Allyl chloride

Concen: 19.966 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

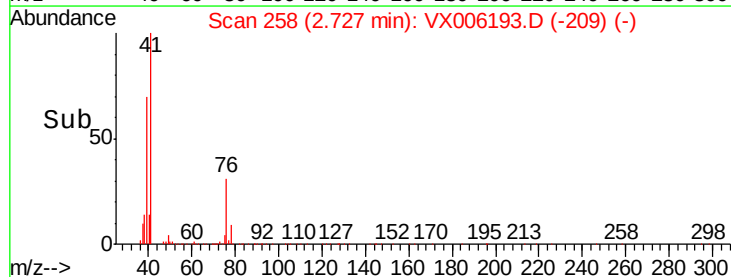
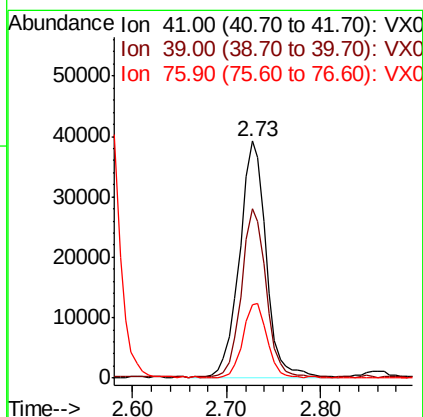
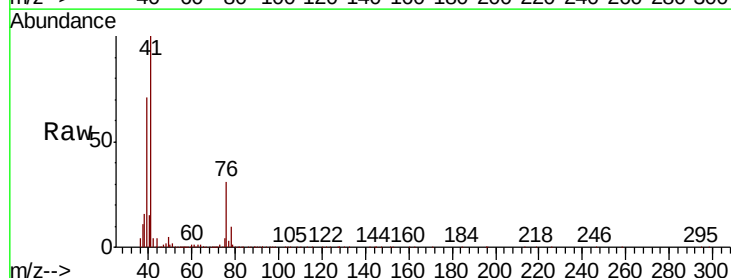
Tgt Ion: 41 Resp: 78298

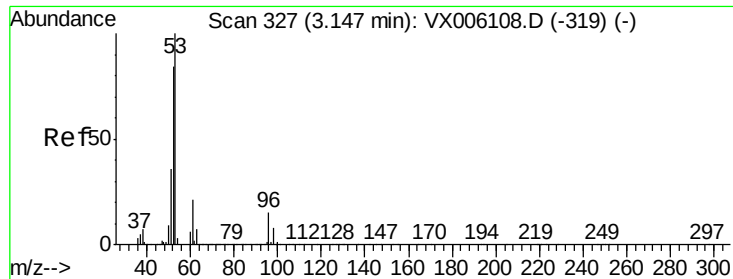
Ion Ratio Lower Upper

41 100

39 65.2 52.5 78.7

76 27.7 23.4 35.2

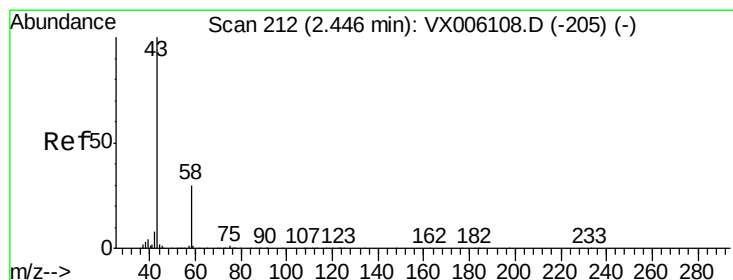
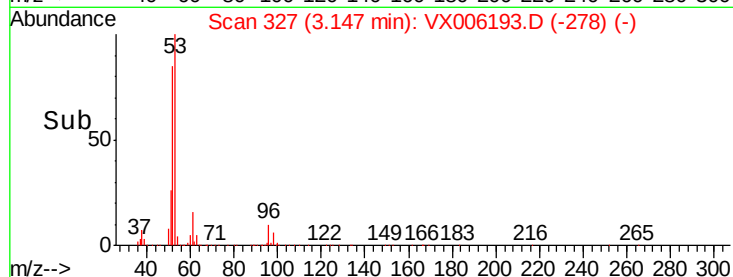
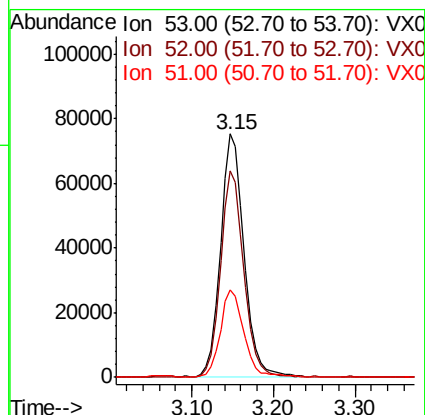
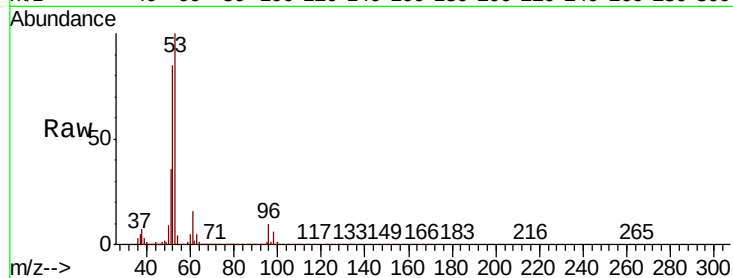




#15
 Acrylonitrile
 Concen: 103.779 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

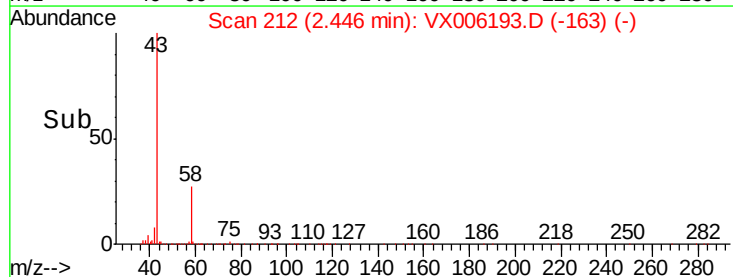
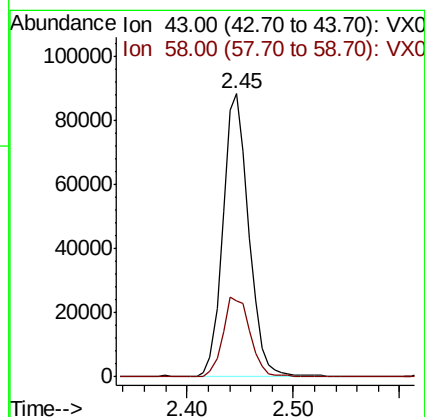
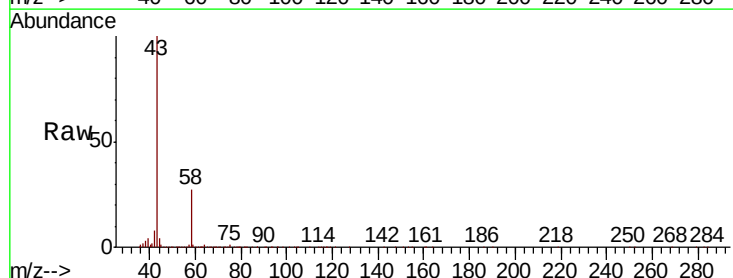
Instrument :
 MSVOA_X
 ClientSampleId :

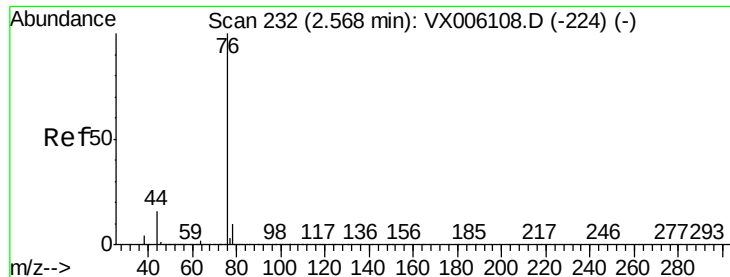
Tot Ion: 53 Resp: 149992
 Ion Ratio Lower Upper
 53 100
 52 83.9 66.4 99.6
 51 36.0 29.4 44.0



#16
 Acetone
 Concen: 108.271 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 43 Resp: 147786
 Ion Ratio Lower Upper
 43 100
 58 27.0 23.8 35.8





#17

Carbon Disulfide

Concen: 20.140 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

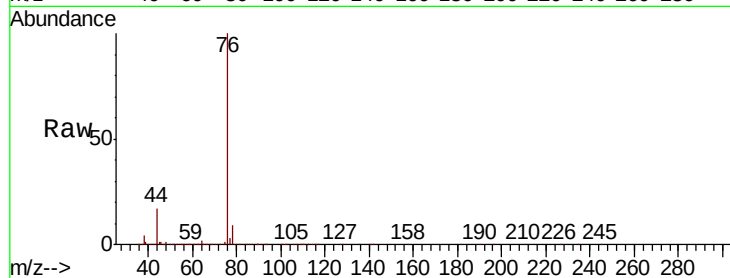
ClientSampleId :

Tot Ion: 76 Resp: 104237

Ion Ratio Lower Upper

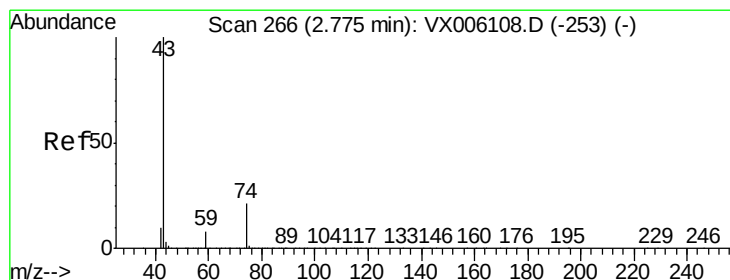
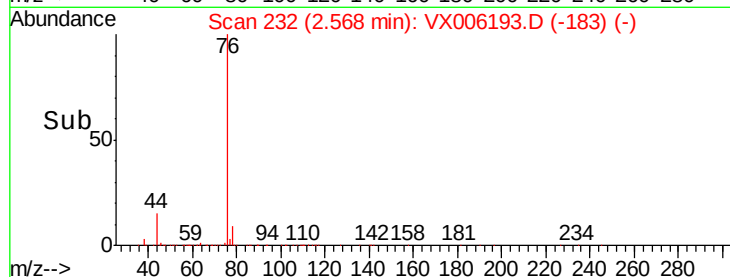
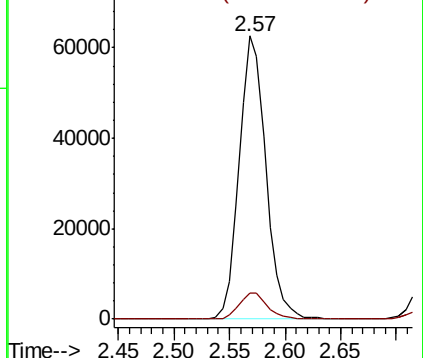
76 100

78 8.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.445 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006193.D

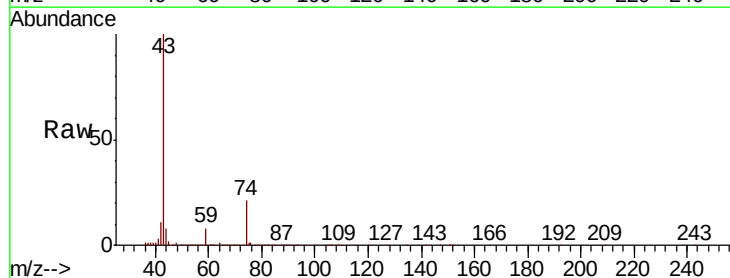
Acq: 27 Nov 2018 00:04

Tgt Ion: 43 Resp: 78565

Ion Ratio Lower Upper

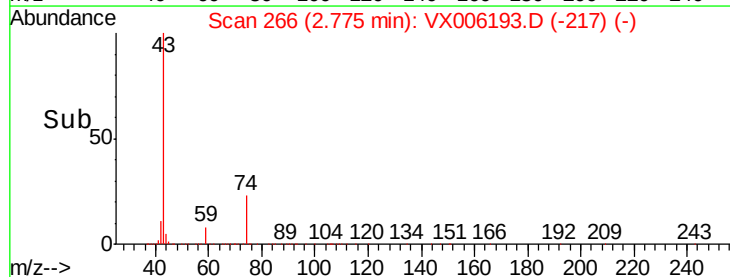
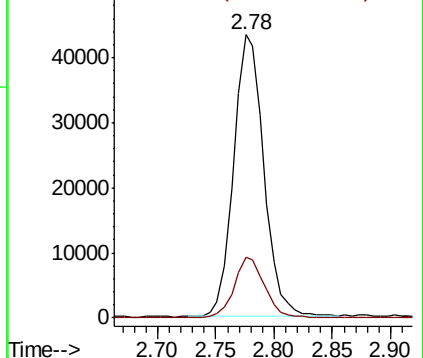
43 100

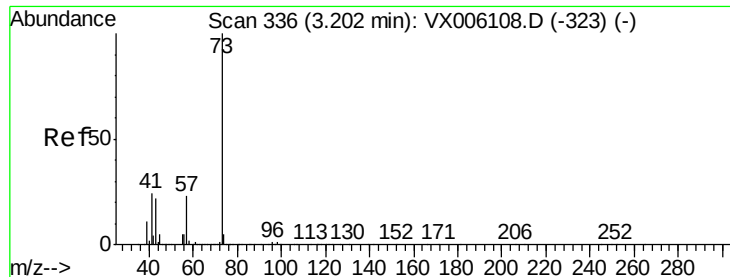
74 21.7 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



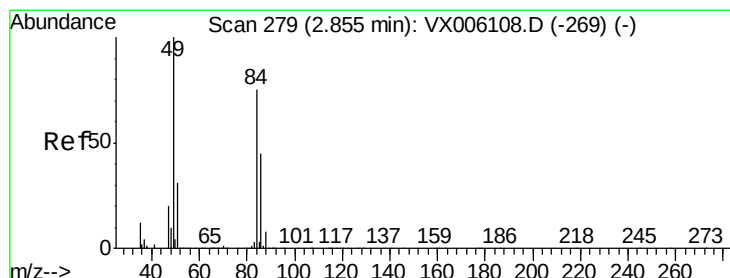
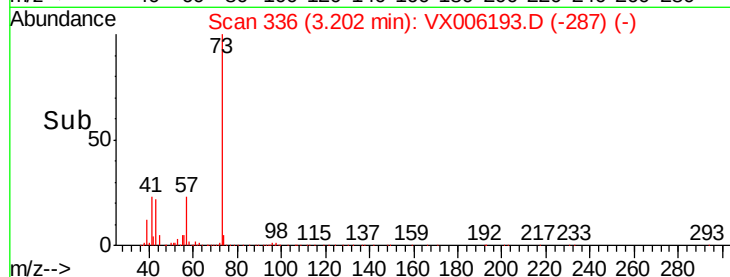
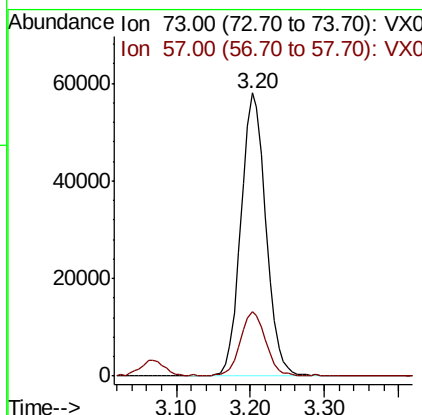
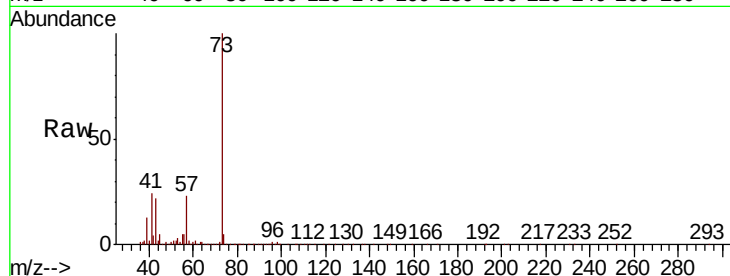


#19

Methyl tert-butyl Ether
 Concen: 20.675 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Instrument :
 MSVOA_X
 ClientSampleId :

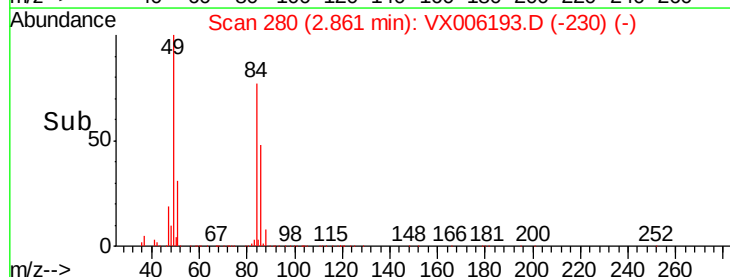
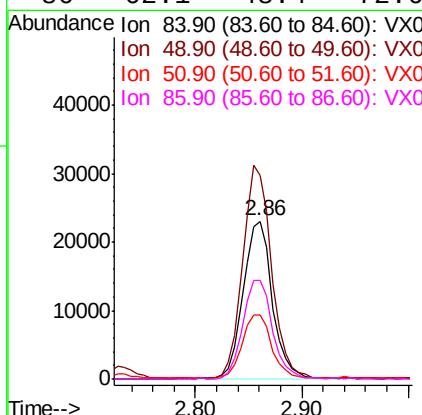
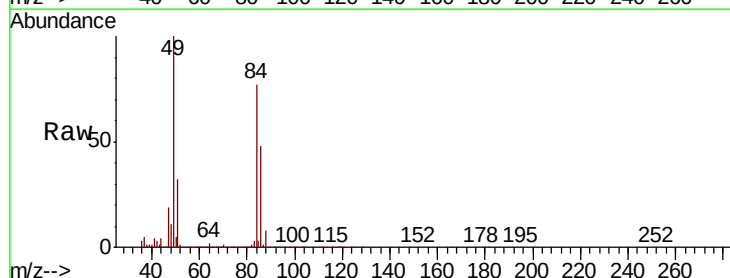
Tot Ion: 73 Resp: 136981
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.2 27.4

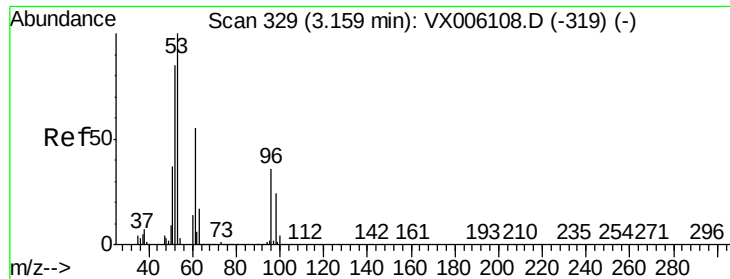


#20

Methylene Chloride
 Concen: 21.367 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 84 Resp: 44555
 Ion Ratio Lower Upper
 84 100
 49 128.6 106.6 159.8
 51 40.1 32.6 49.0
 86 62.1 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 19.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :

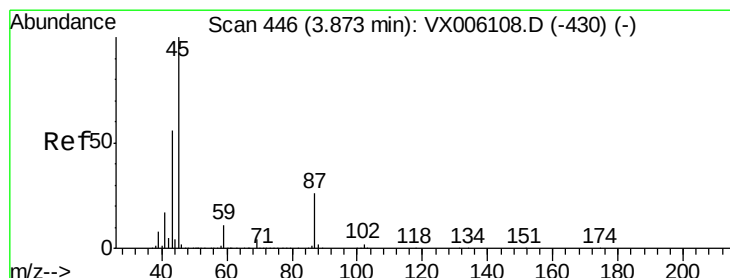
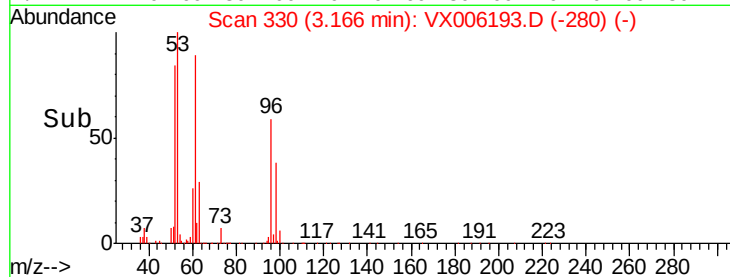
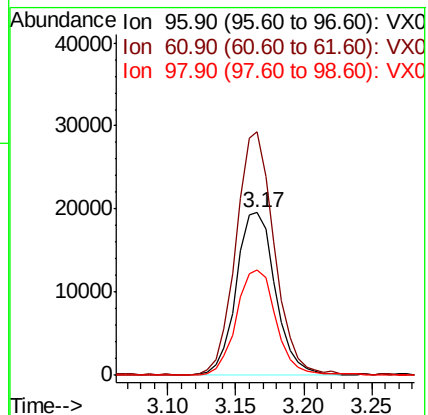
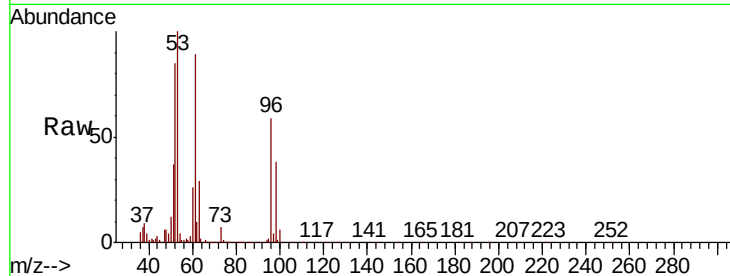
Tot Ion: 96 Resp: 39530

Ion Ratio Lower Upper

96 100

61 149.4 122.0 183.0

98 64.1 52.7 79.1



#22

Diisopropyl ether

Concen: 21.495 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Tgt Ion: 45 Resp: 180447

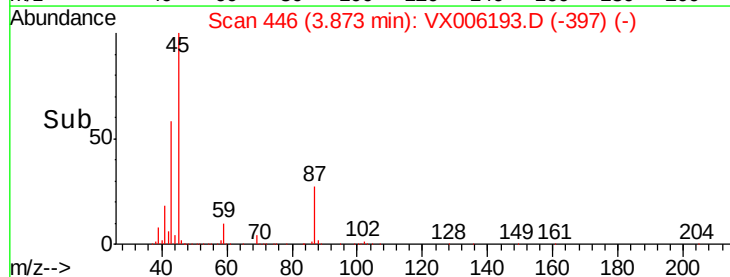
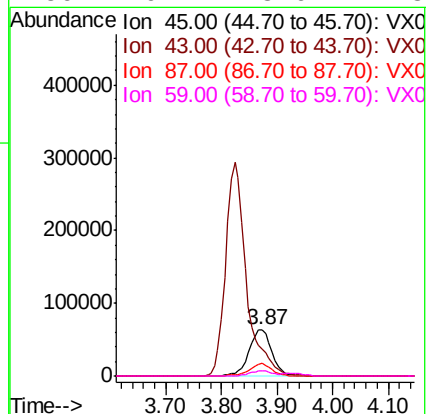
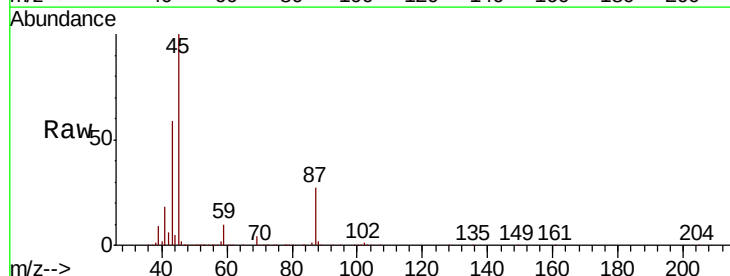
Ion Ratio Lower Upper

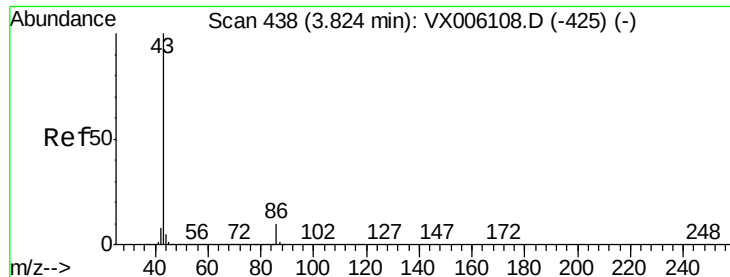
45 100

43 58.3 45.8 68.8

87 27.1 21.0 31.4

59 10.4 8.6 12.8





#23

Vinyl Acetate

Concen: 109.529 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

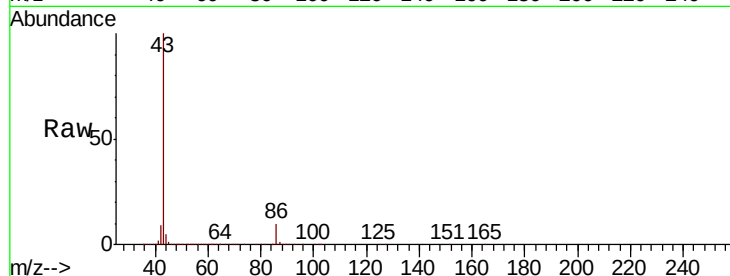
ClientSampleId :

Tot Ion: 43 Resp: 762840

Ion Ratio Lower Upper

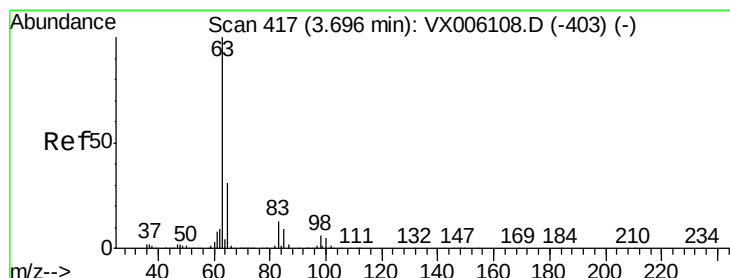
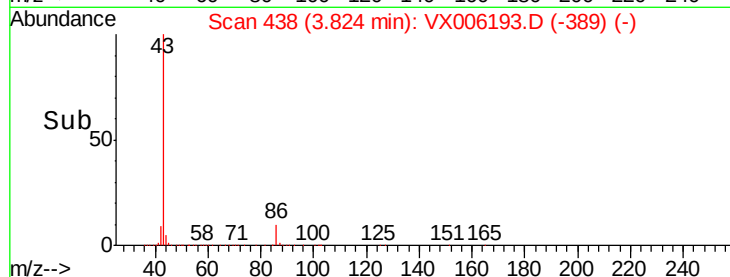
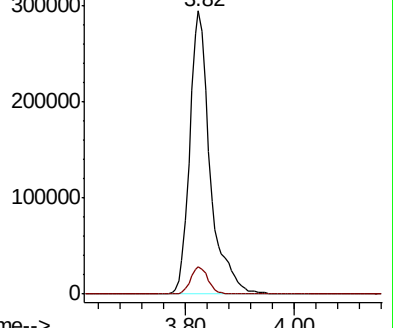
43 100

86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX006108.D (-425) (-)



#24

1,1-Dichloroethane

Concen: 20.986 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

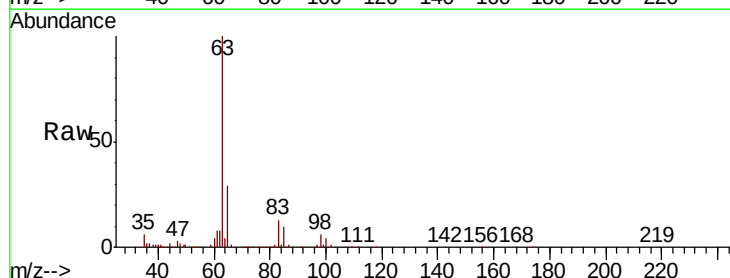
Tgt Ion: 63 Resp: 83002

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

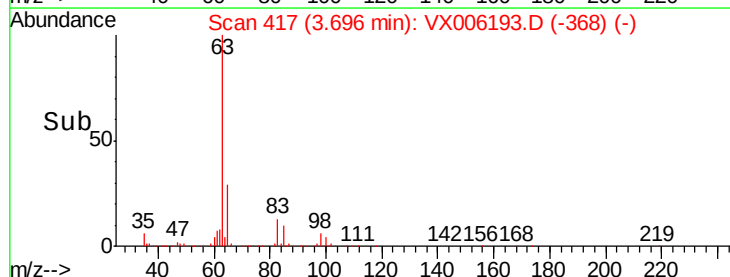
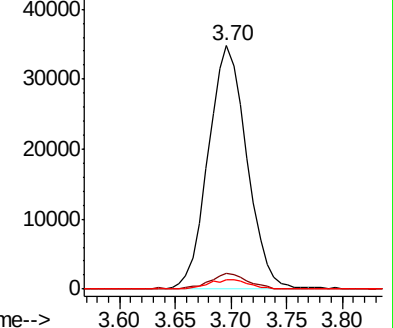
100 3.8 2.4 7.1

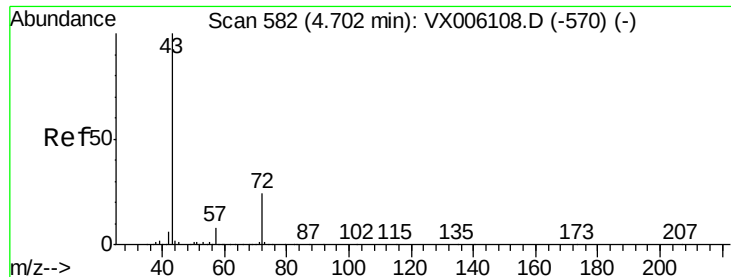


Abundance Ion 62.90 (62.60 to 63.60): VX006108.D (-403) (-)

Ion 97.90 (97.60 to 98.60): VX006108.D (-403) (-)

Ion 99.90 (99.60 to 100.60): VX006108.D (-403) (-)





#25

2-Butanone

Concen: 104.000 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

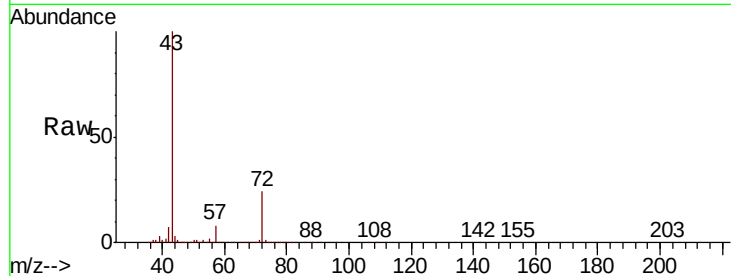
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 263489

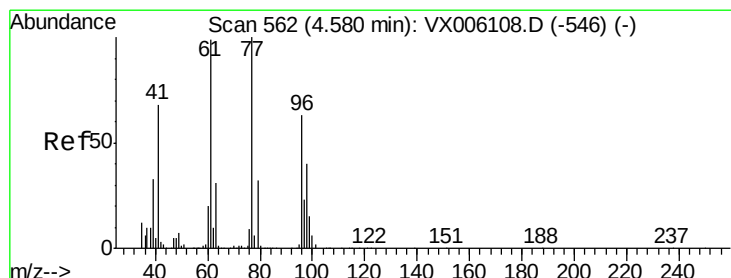
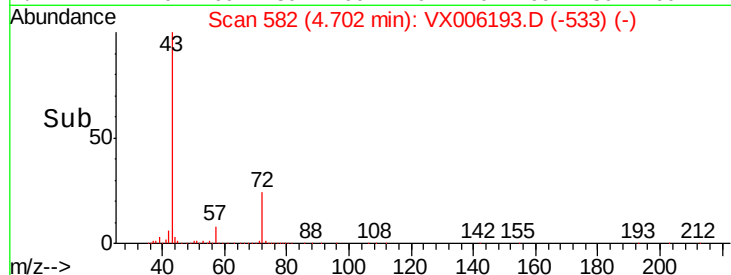
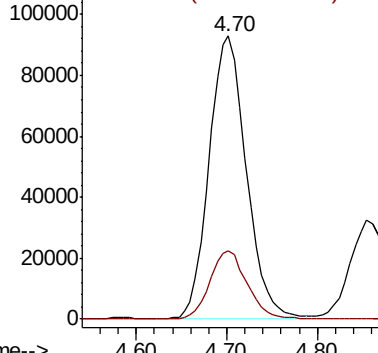
Ion Ratio Lower Upper

43 100

72 23.8 19.2 28.8



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



#26

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006193.D

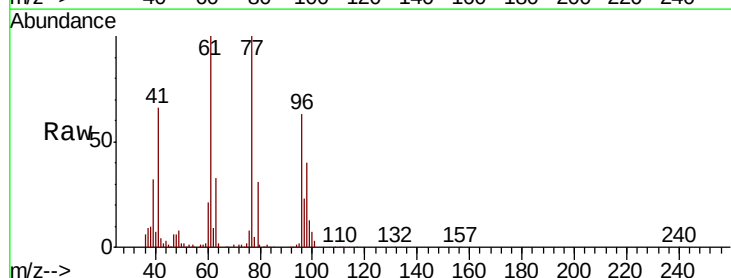
Acq: 27 Nov 2018 00:04

Tgt Ion: 77 Resp: 58419

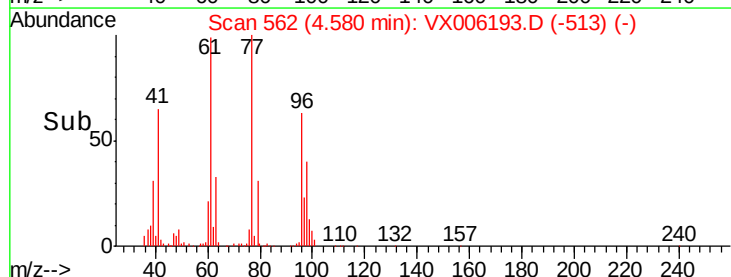
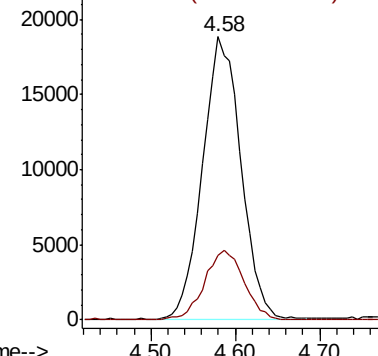
Ion Ratio Lower Upper

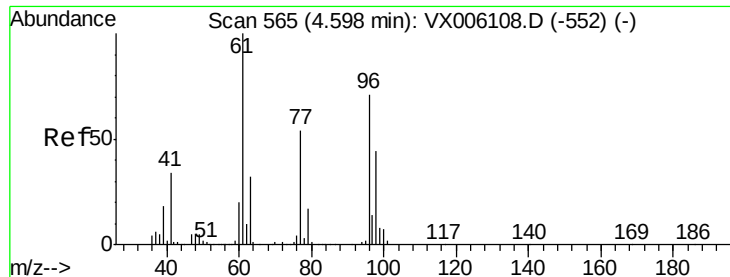
77 100

97 25.1 11.9 35.5



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



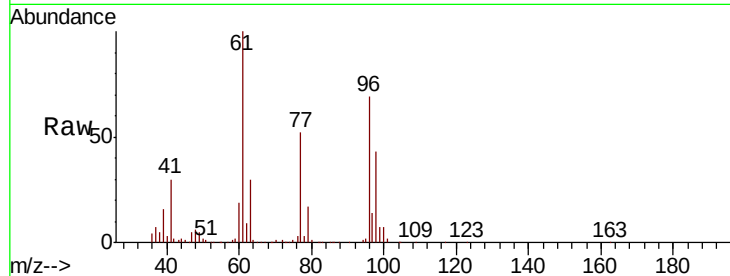


#27

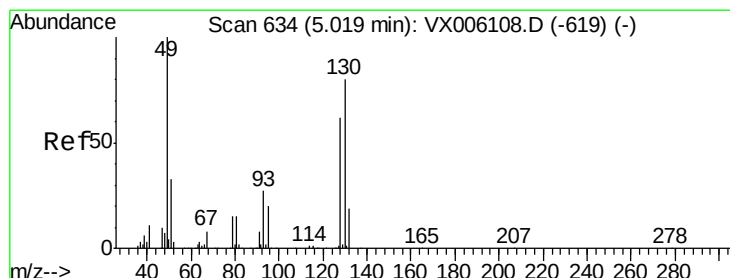
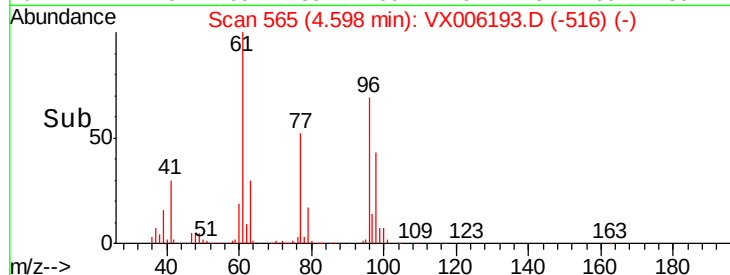
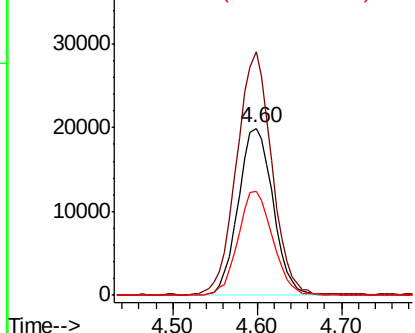
cis-1,2-Dichloroethene
 Concen: 19.816 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	291.6
98	62.4	0.0	128.2



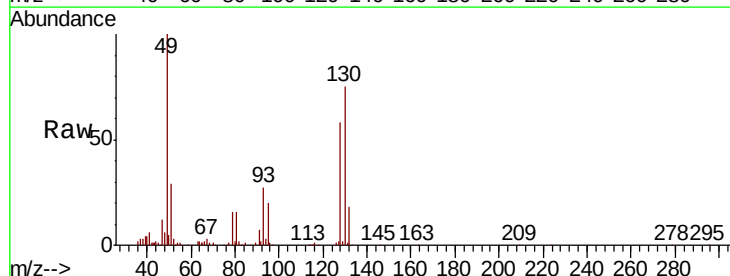
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



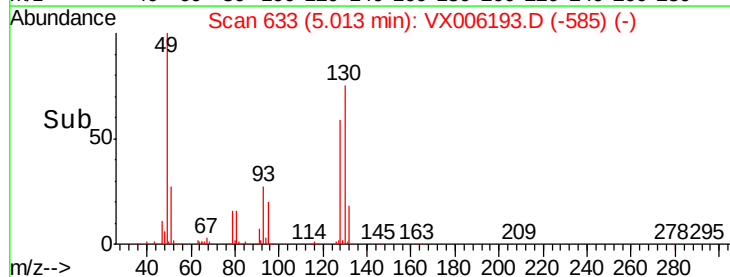
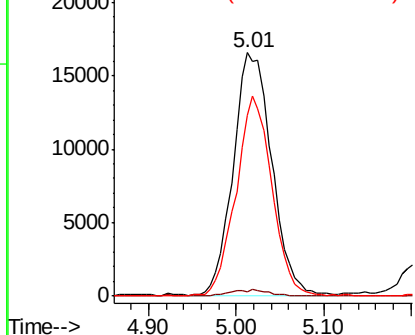
#28

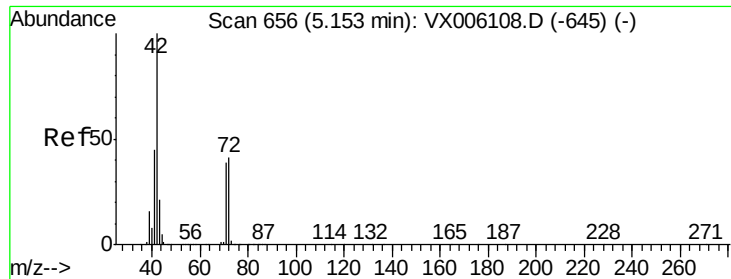
Bromochloromethane
 Concen: 21.988 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	76.9	61.6	92.4



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: 105.606 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

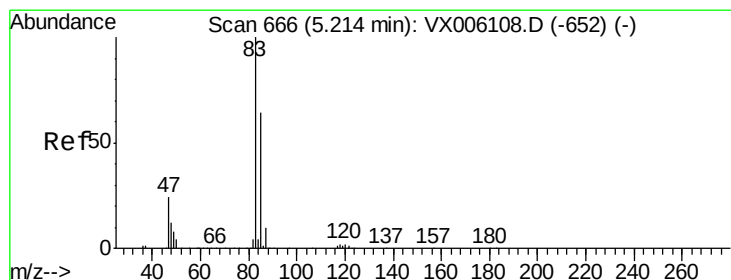
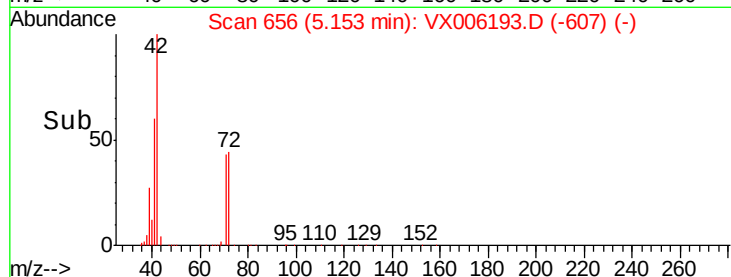
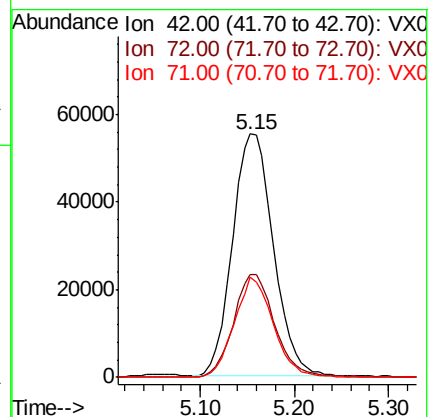
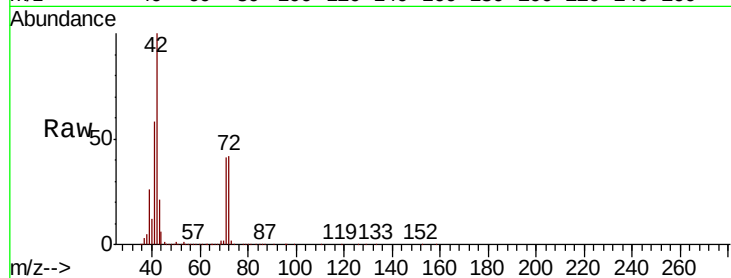
Tot Ion: 42 Resp: 166907

Ion Ratio Lower Upper

42 100

72 43.0 33.0 49.6

71 39.2 31.0 46.4



#30

Chloroform

Concen: 20.457 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006193.D

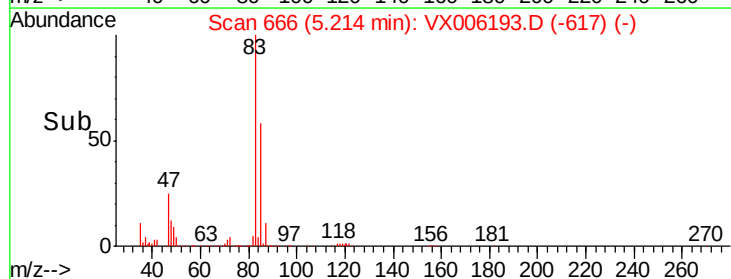
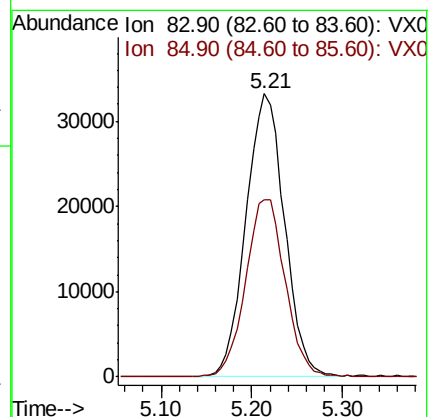
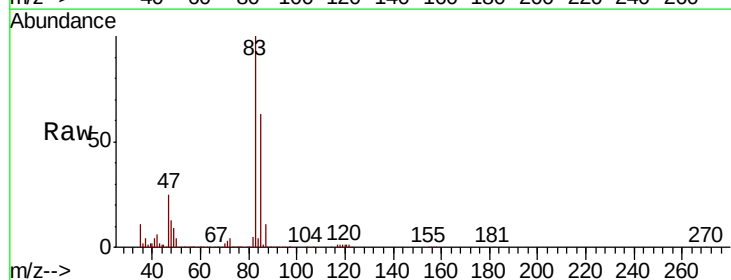
Acq: 27 Nov 2018 00:04

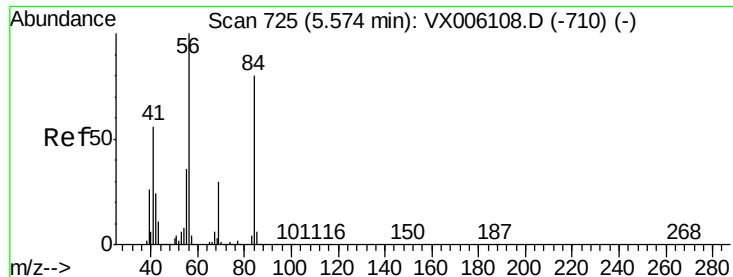
Tgt Ion: 83 Resp: 98046

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.4

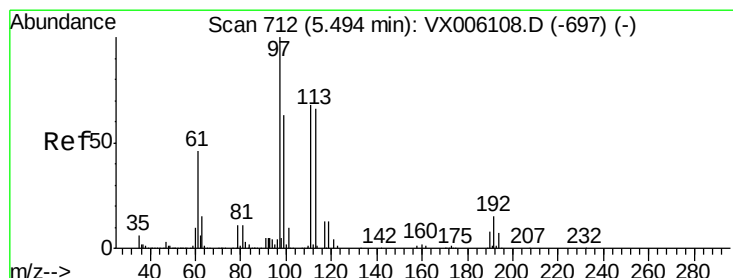
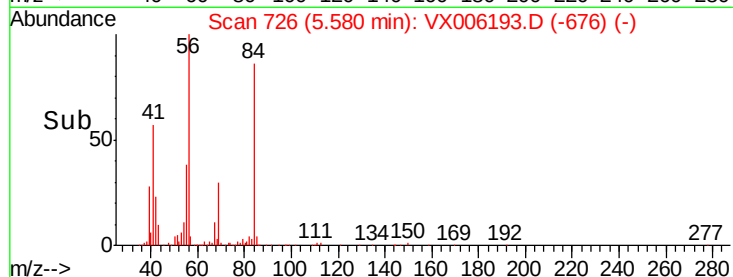
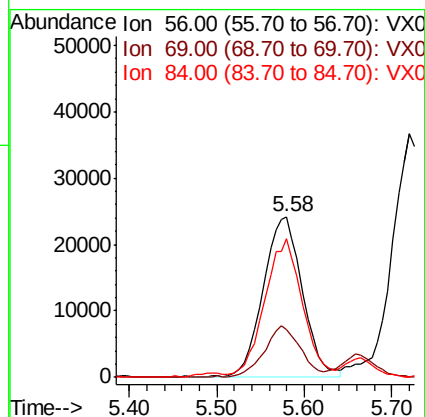
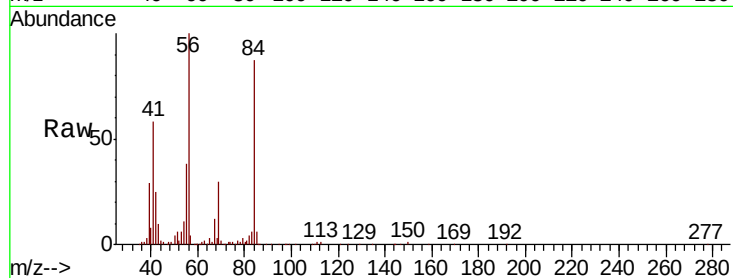




#31
Cyclohexane
Concen: 18.322 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

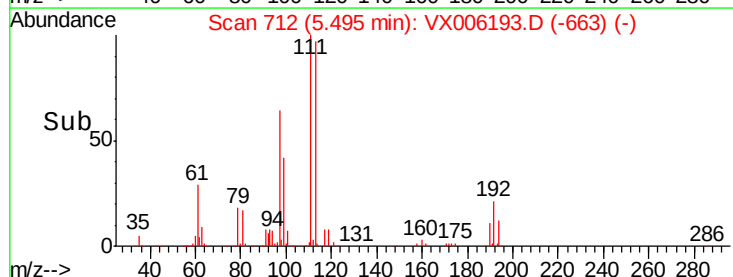
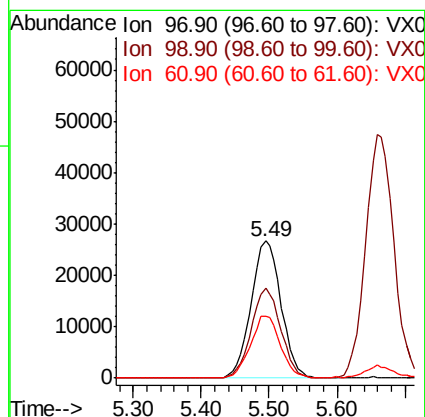
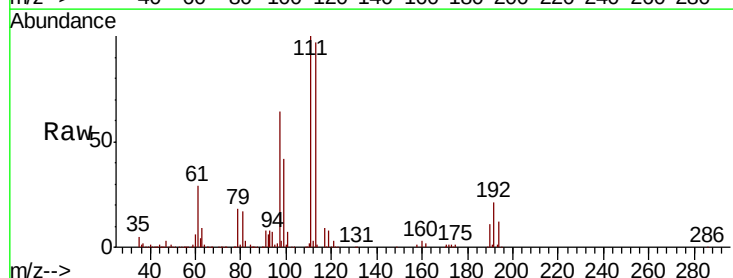
Instrument :
MSVOA_X
ClientSampled :

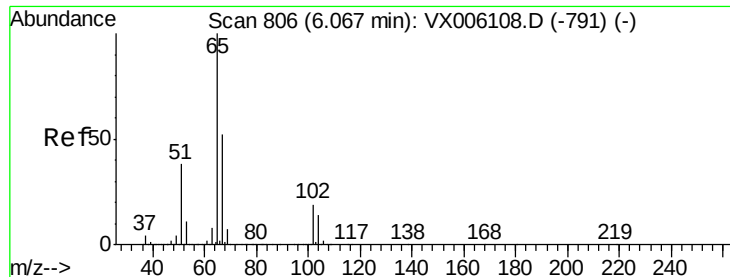
Tot Ion: 56 Resp: 75694
Ion Ratio Lower Upper
56 100
69 30.0 23.9 35.9
84 85.6 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 21.261 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 97 Resp: 82278
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 45.3 36.6 55.0

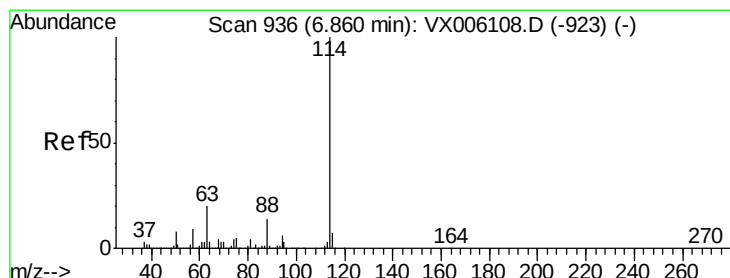
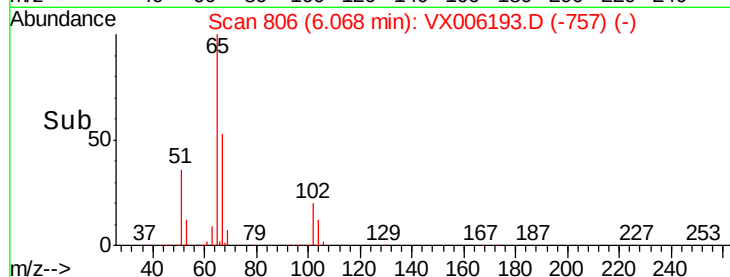
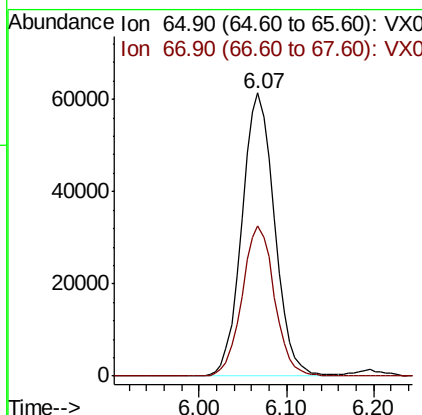
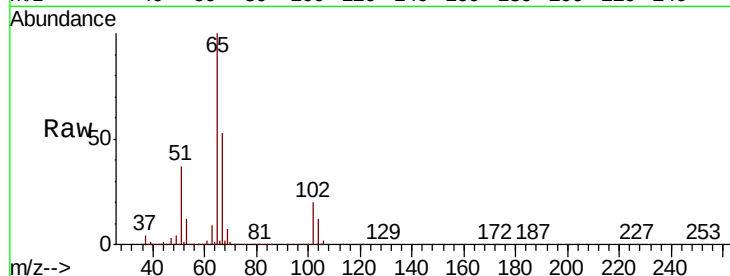




#33
 1,2-Dichloroethane-d4
 Concen: 51.798 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

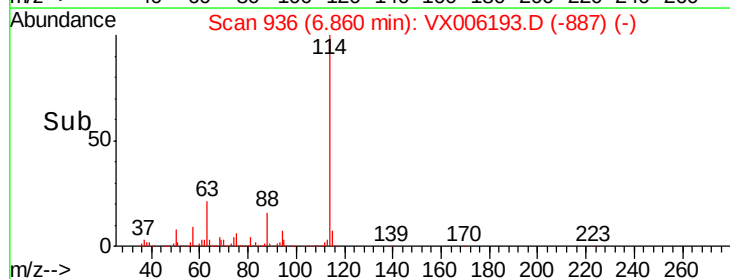
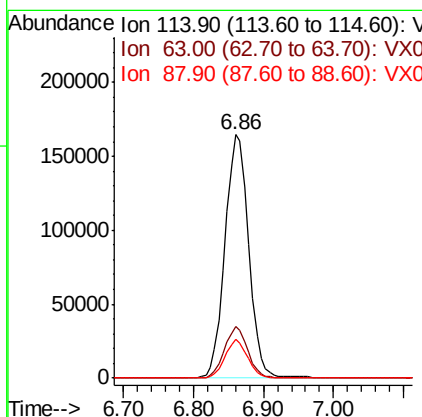
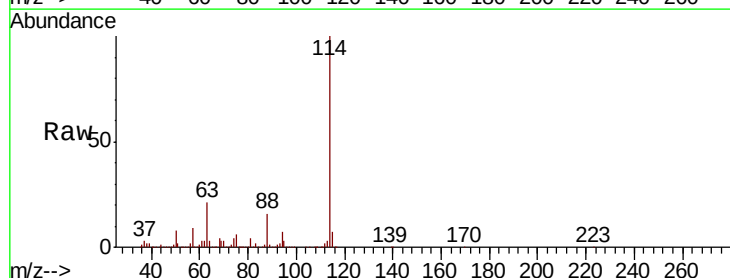
Instrument :
 MSVOA_X
 ClientSampleId :

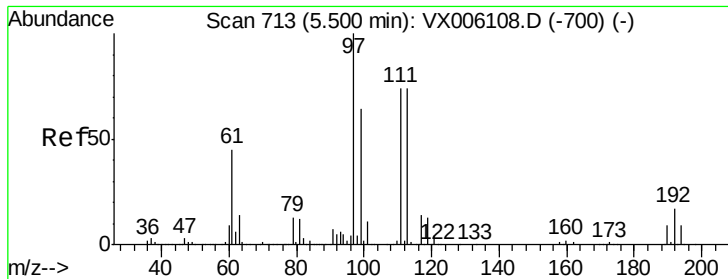
Tot Ion: 65 Resp: 159331
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 114 Resp: 389911
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.2
 88 16.0 0.0 28.6

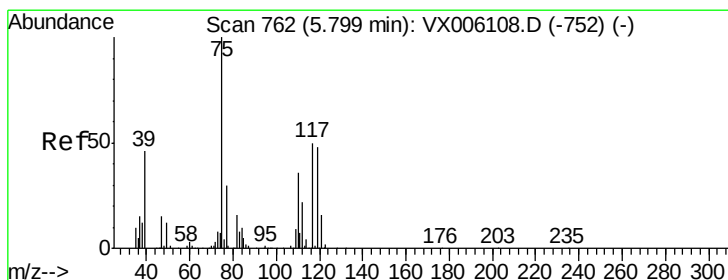
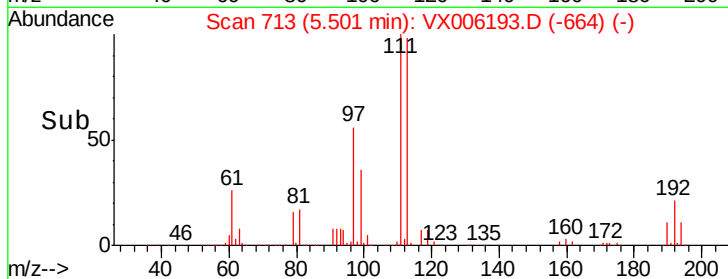
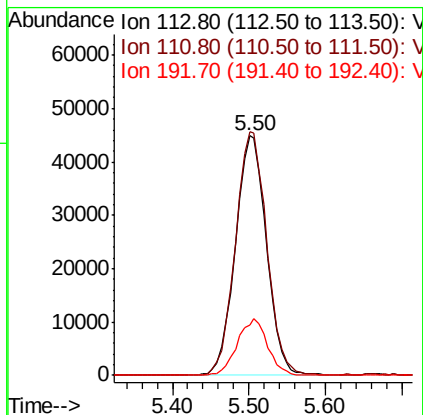
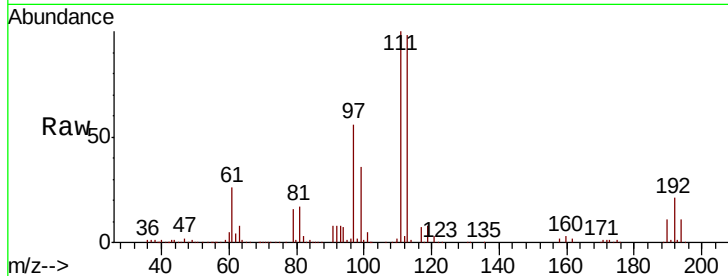




#35
 Dibromofluoromethane
 Concen: 50.517 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

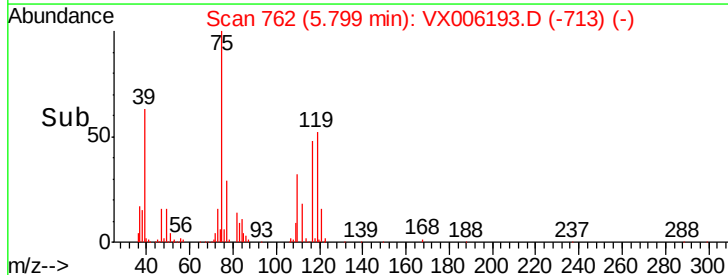
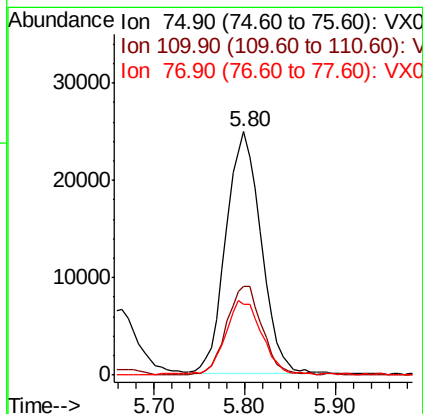
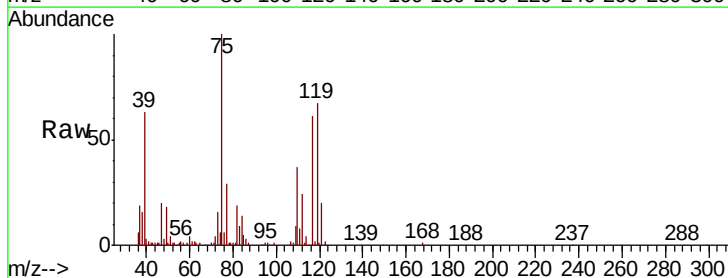
Instrument :
 MSVOA_X
 ClientSampleId :

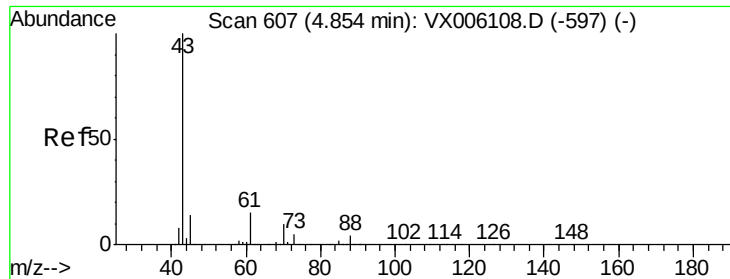
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	23.1	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 18.951 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.3
77	31.2	24.5	36.7

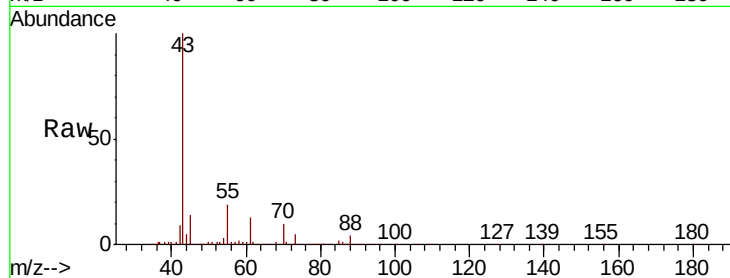




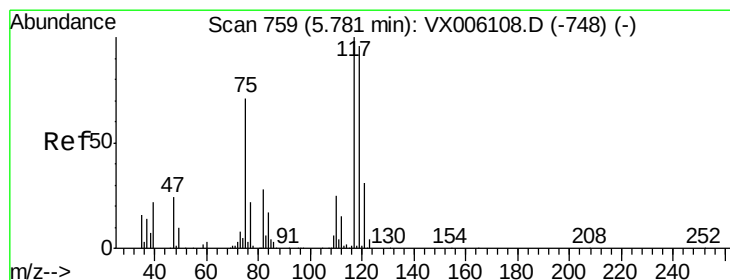
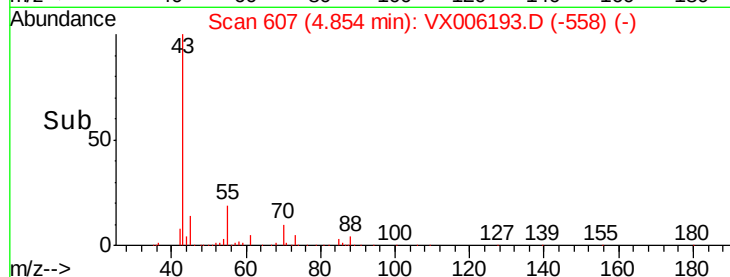
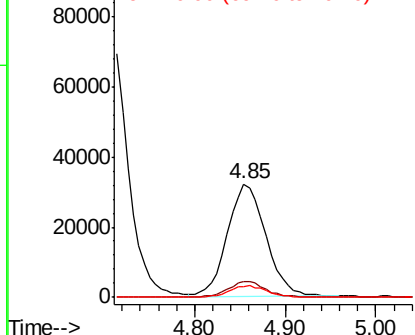
#37
Ethyl Acetate
Concen: 20.766 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 94771
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 9.7 7.9 11.9

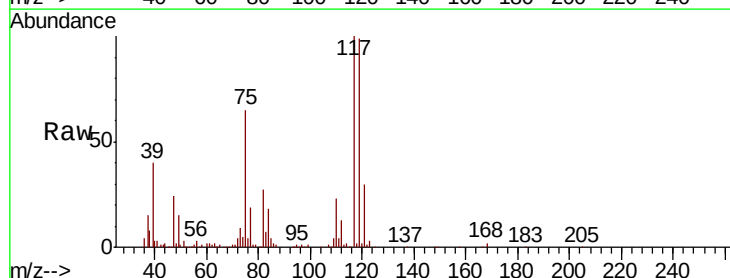


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

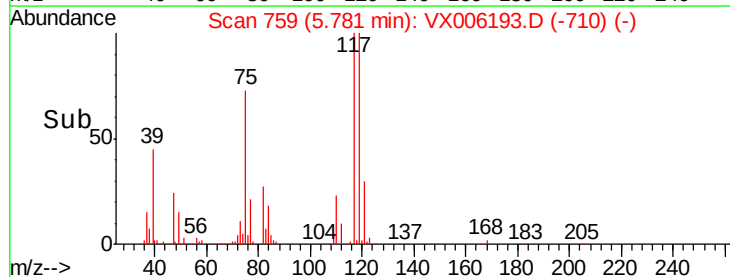
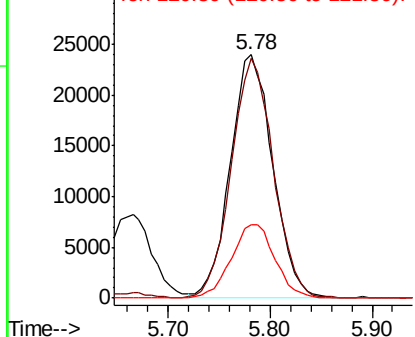


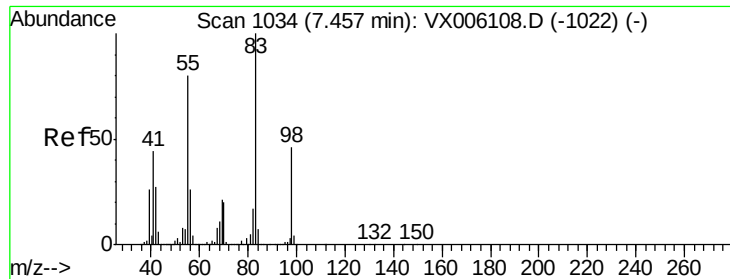
#38
Carbon Tetrachloride
Concen: 20.812 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 117 Resp: 69391
Ion Ratio Lower Upper
117 100
119 98.2 76.3 114.5
121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

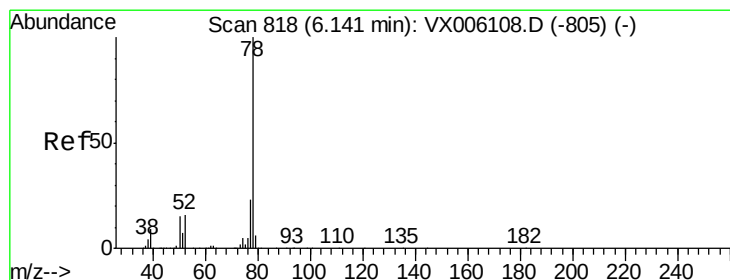
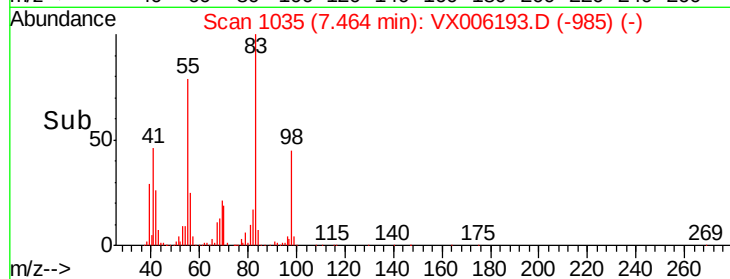
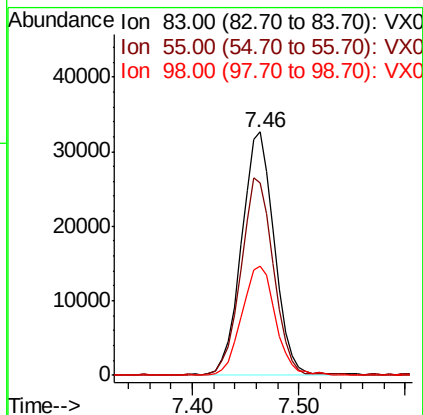
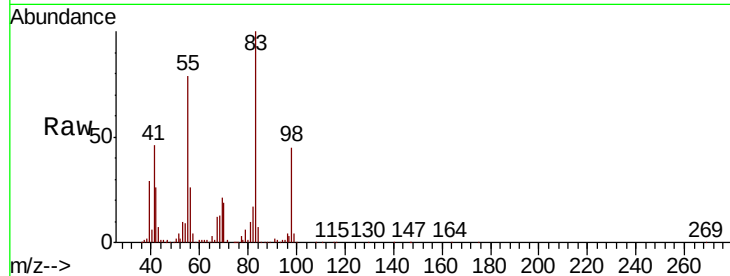




#39
Methylvlcyclohexane
Concen: 17.487 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

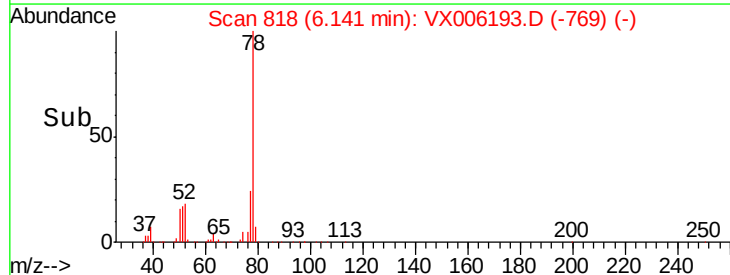
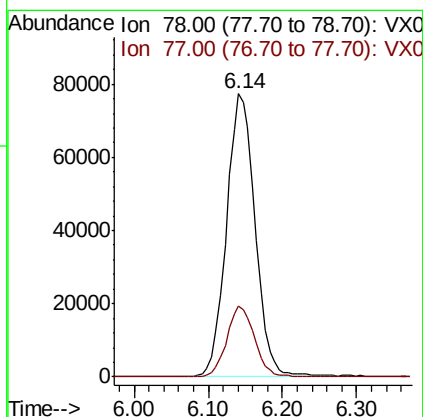
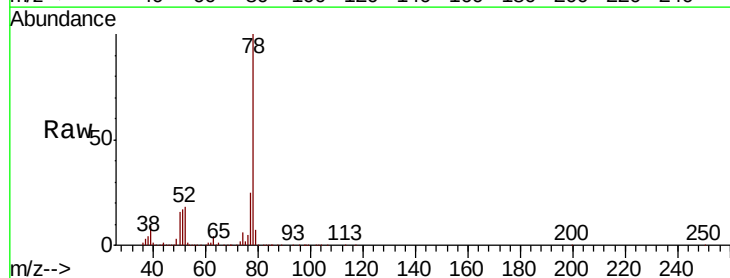
Instrument :
MSVOA_X
ClientSampleId :

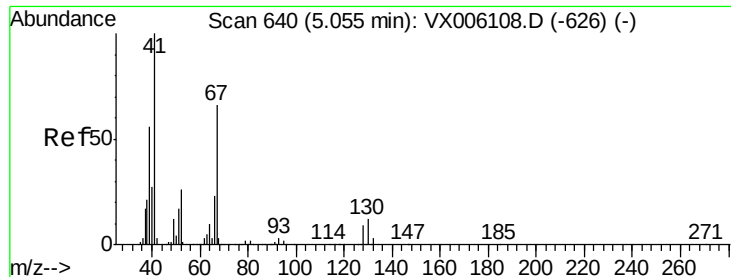
Tot Ion: 83 Resp: 70670
Ion Ratio Lower Upper
83 100
55 78.6 63.9 95.9
98 44.5 36.8 55.2



#40
Benzene
Concen: 19.923 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 78 Resp: 208216
Ion Ratio Lower Upper
78 100
77 25.1 18.8 28.2





#41

Methacrylonitrile

Concen: 20.933 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 52648

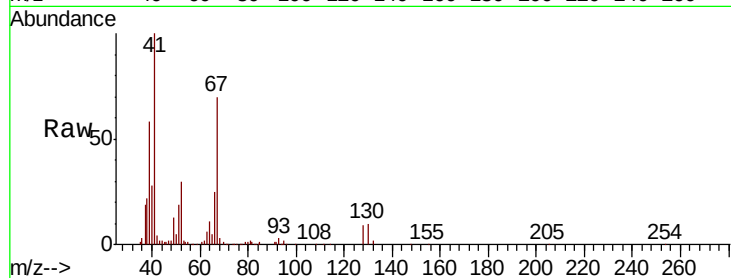
Ion Ratio Lower Upper

41 100

39 53.6 44.1 66.1

67 66.2 54.1 81.1

52 27.2 21.7 32.5

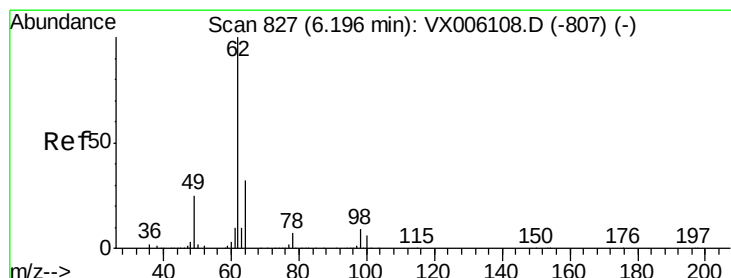
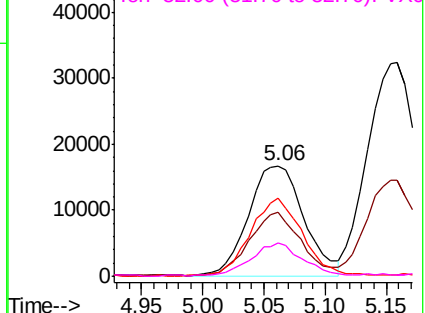
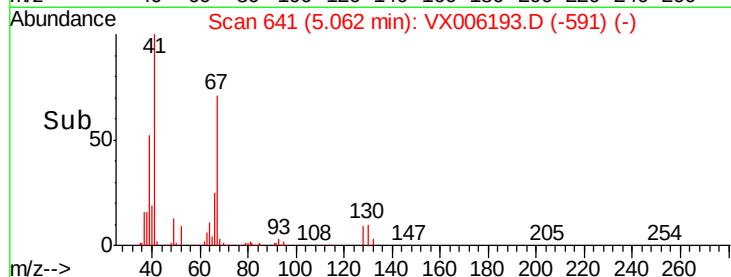


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.713 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006193.D

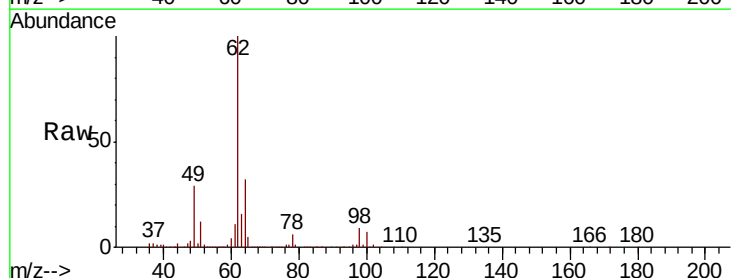
Acq: 27 Nov 2018 00:04

Tgt Ion: 62 Resp: 80931

Ion Ratio Lower Upper

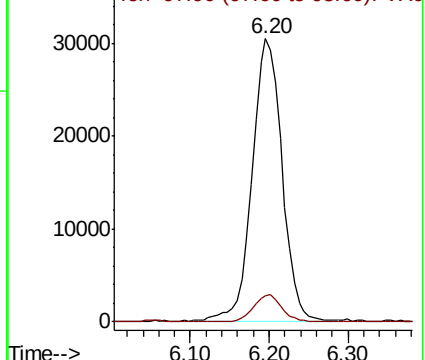
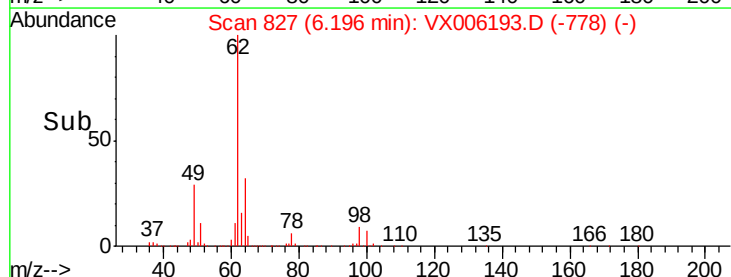
62 100

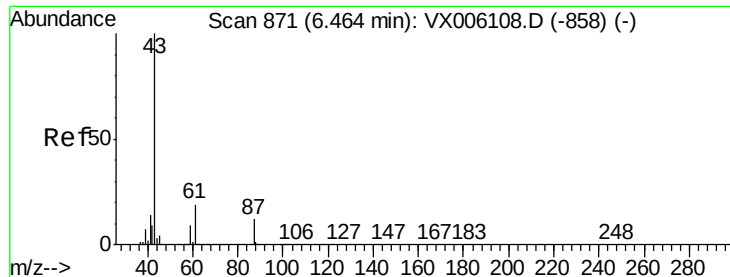
98 9.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.376 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

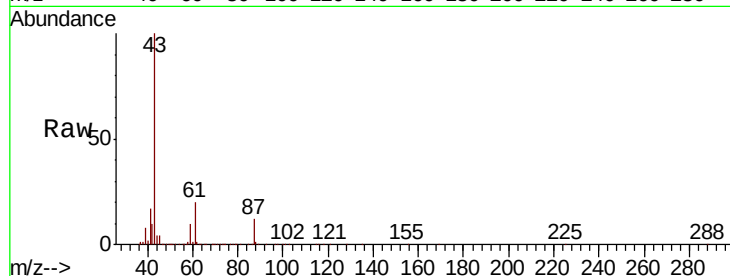
Tot Ion: 43 Resp: 134296

Ion Ratio Lower Upper

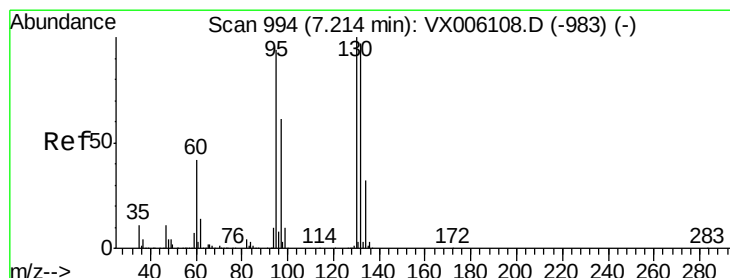
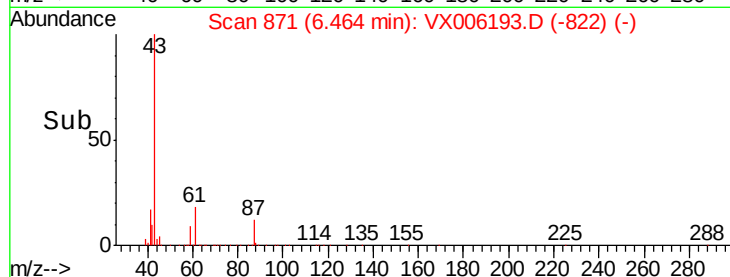
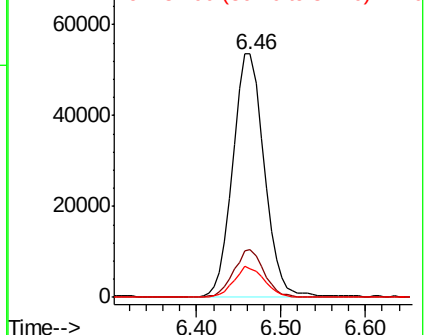
43 100

61 19.3 15.2 22.8

87 12.4 9.6 14.4



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



#44

Trichloroethene

Concen: 19.734 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006193.D

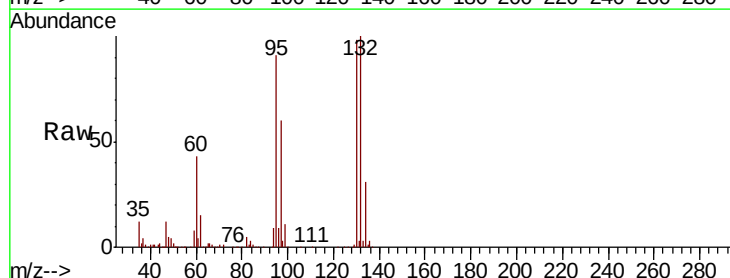
Acq: 27 Nov 2018 00:04

Tgt Ion:130 Resp: 57321

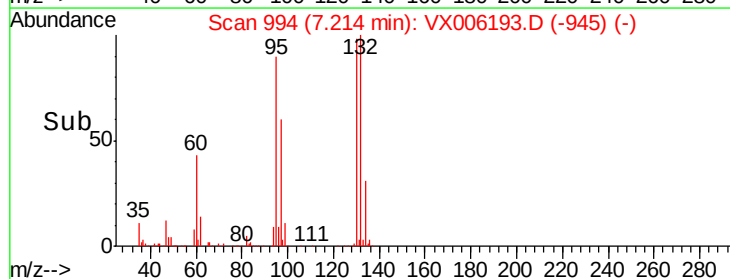
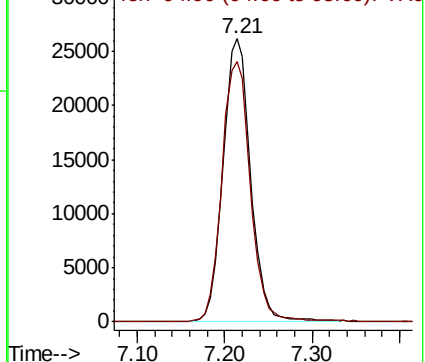
Ion Ratio Lower Upper

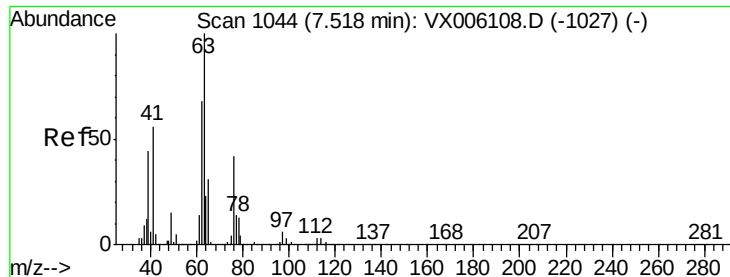
130 100

95 91.9 0.0 188.8



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





#45

1,2-Dichloropropane

Concen: 19.989 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

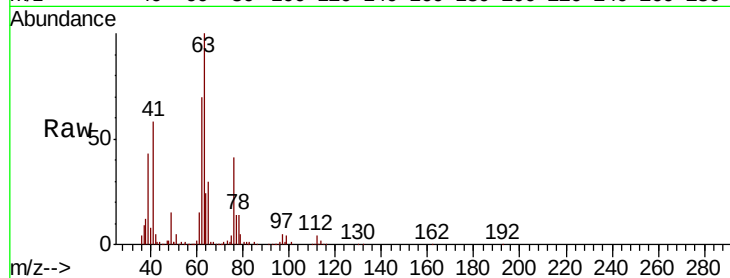
ClientSampleId :

Tot Ion: 63 Resp: 55286

Ion Ratio Lower Upper

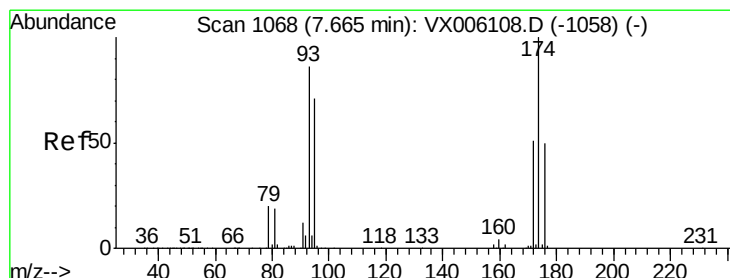
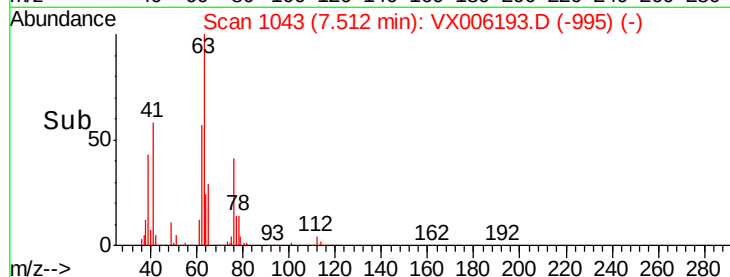
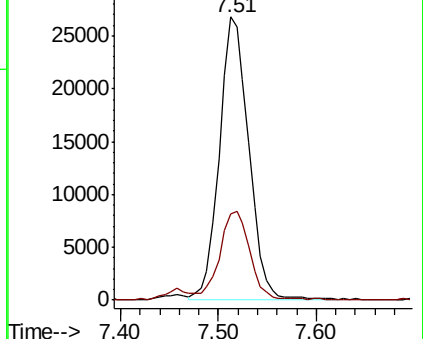
63 100

65 30.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.342 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

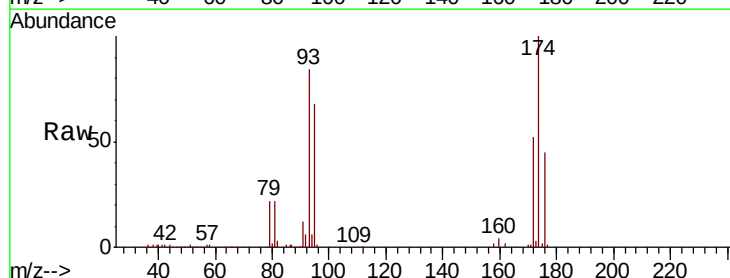
Tgt Ion: 93 Resp: 38529

Ion Ratio Lower Upper

93 100

95 82.8 66.3 99.5

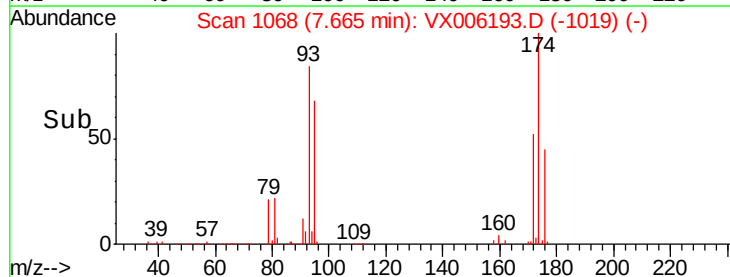
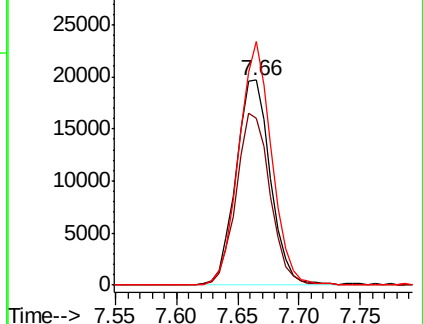
174 112.6 91.0 136.6

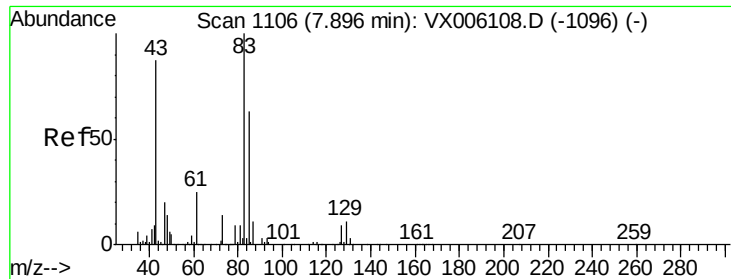


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

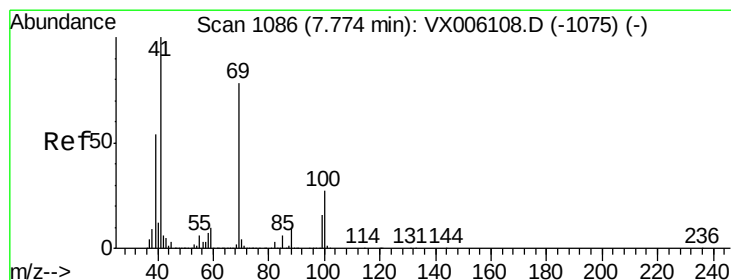
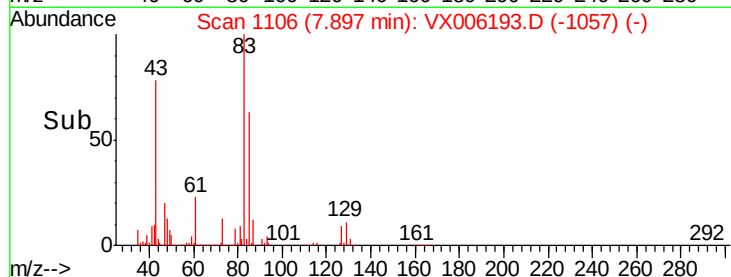
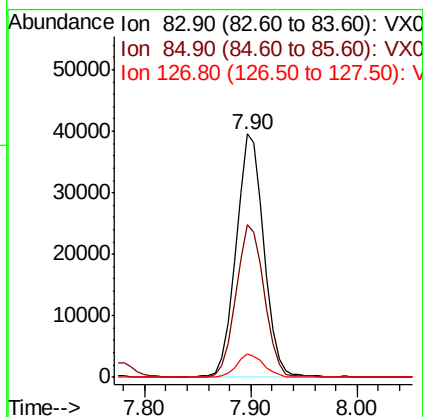
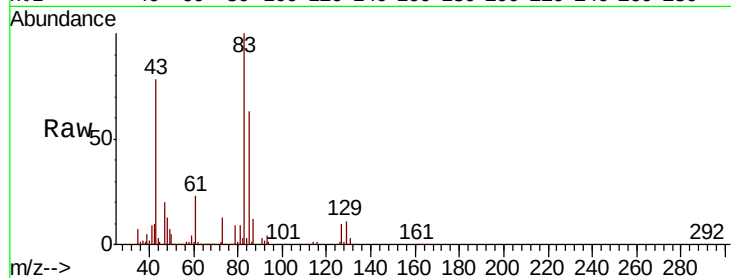




#47
 Bromodichloromethane
 Concen: 20.708 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

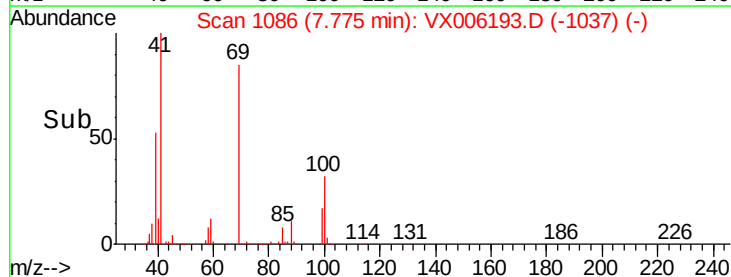
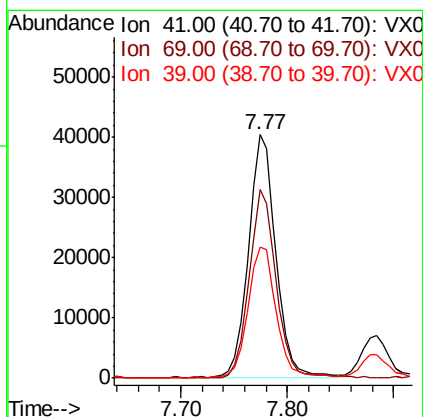
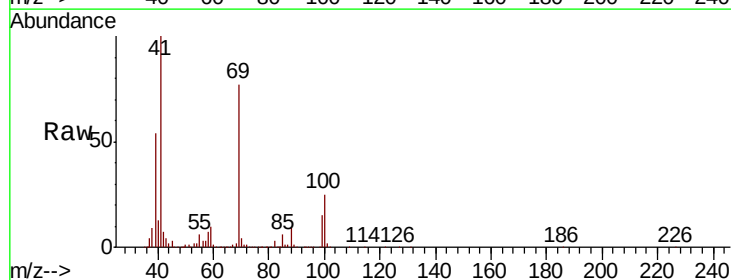
Instrument :
 MSVOA_X
 ClientSampled :

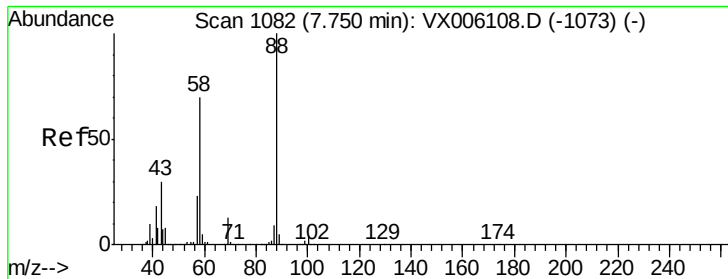
Tot Ion: 83 Resp: 72545
 Ion Ratio Lower Upper
 83 100
 85 62.4 50.4 75.6
 127 9.6 7.0 10.4



#48
 Methyl methacrylate
 Concen: 21.682 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 41 Resp: 72474
 Ion Ratio Lower Upper
 41 100
 69 76.9 62.8 94.2
 39 57.0 43.8 65.6

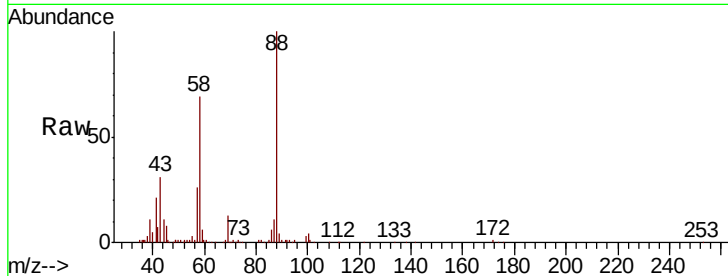




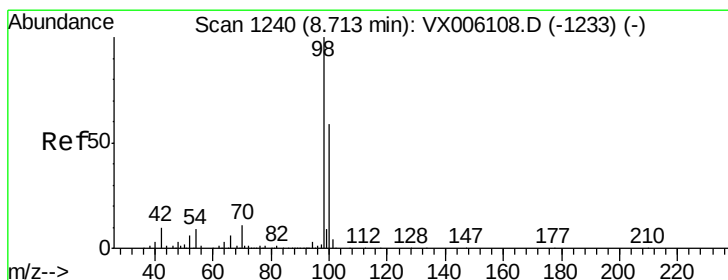
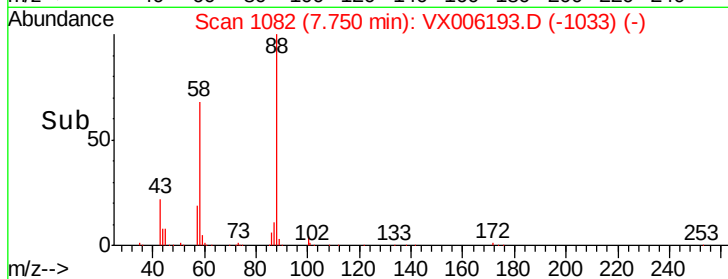
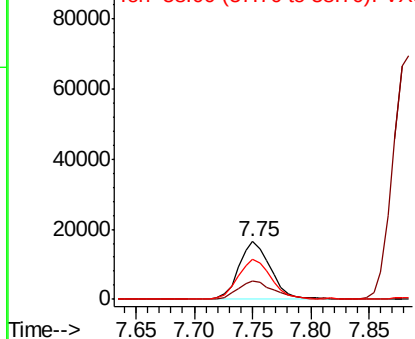
#49
1,4-Dioxane
Concen: 399.157 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 31654
Ion Ratio Lower Upper
88 100
43 34.9 26.7 40.1
58 73.3 58.5 87.7

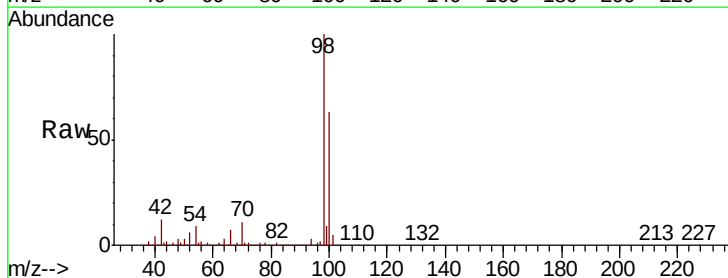


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

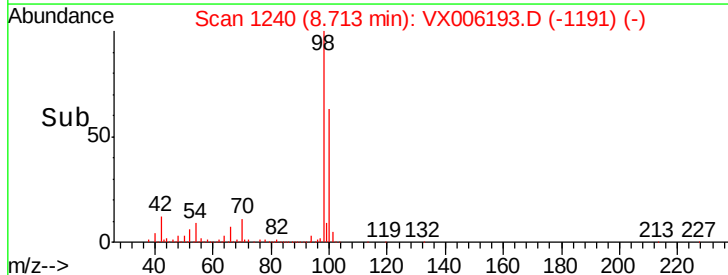
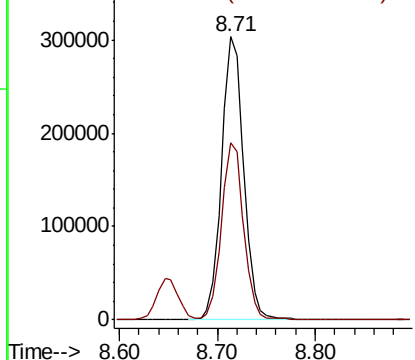


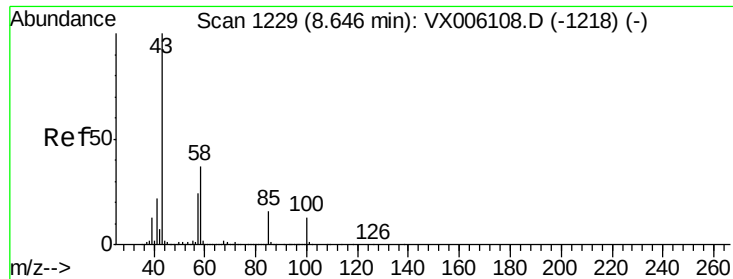
#50
Toluene-d8
Concen: 49.881 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion: 98 Resp: 476187
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4



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

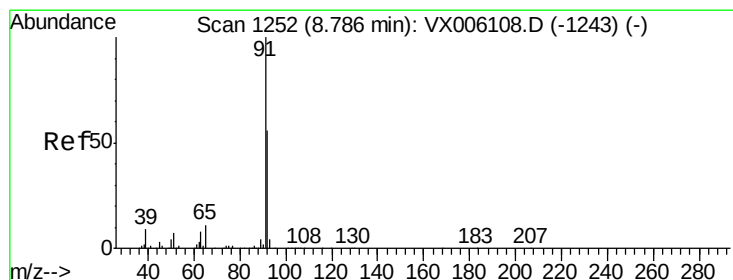
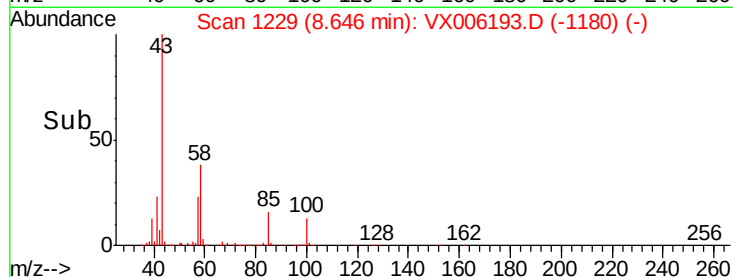
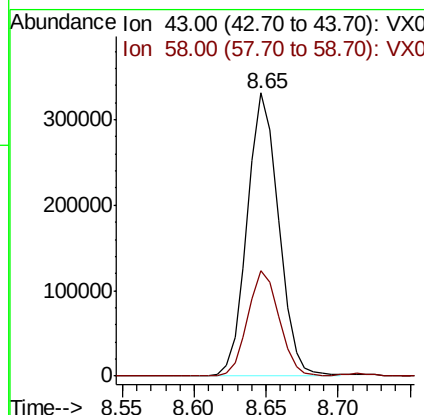
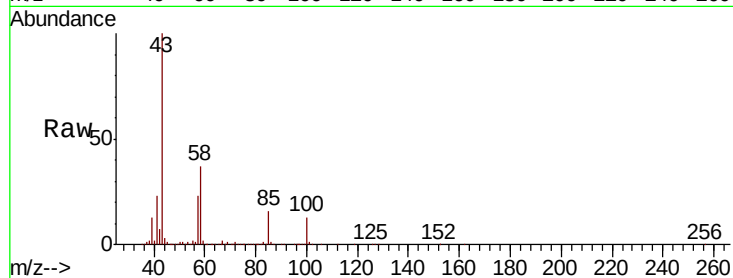




#51
 4-Methyl-2-Pentanone
 Concen: 106.044 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

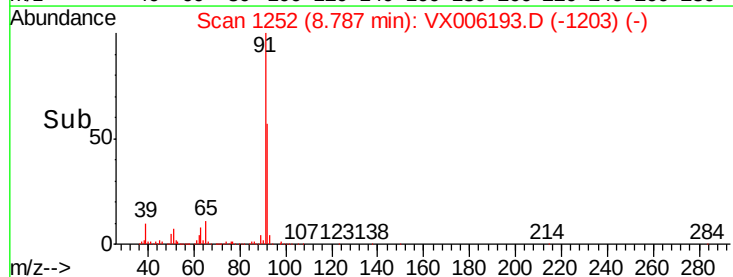
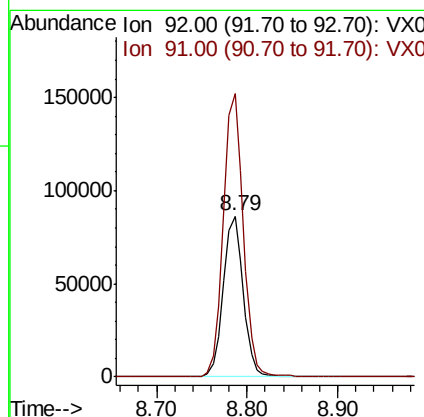
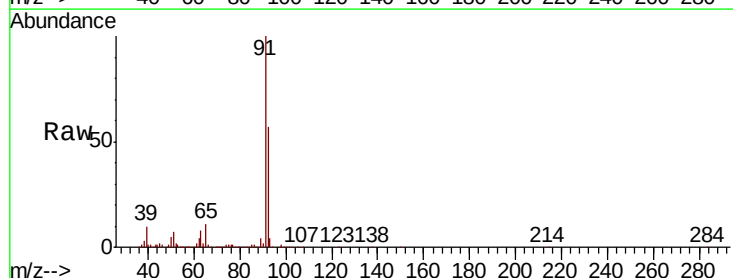
Instrument :
 MSVOA_X
 ClientSampleId :

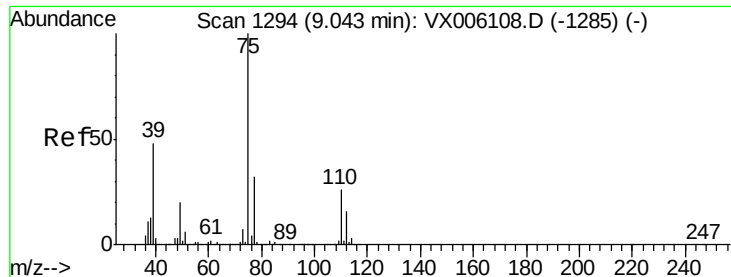
Tot Ion: 43 Resp: 501051
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.9 44.9



#52
 Toluene
 Concen: 20.613 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 92 Resp: 133247
 Ion Ratio Lower Upper
 92 100
 91 175.7 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 20.334 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

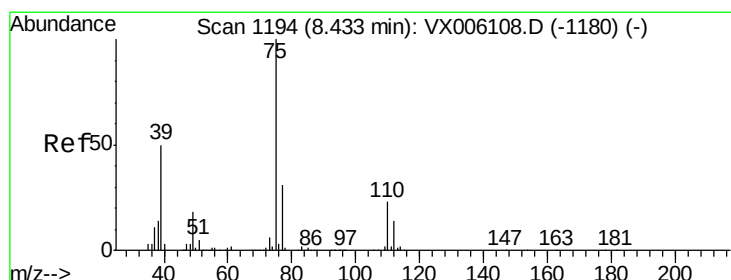
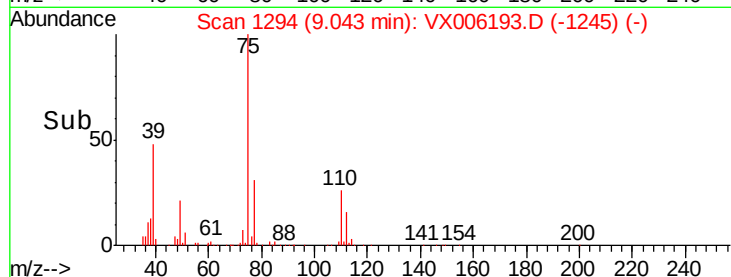
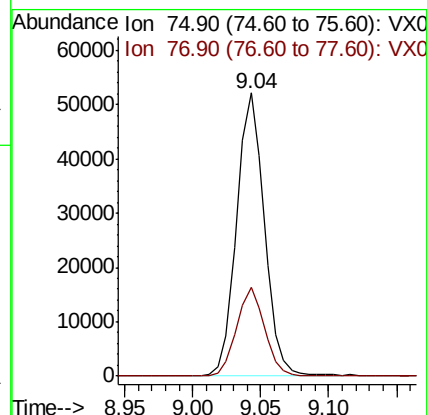
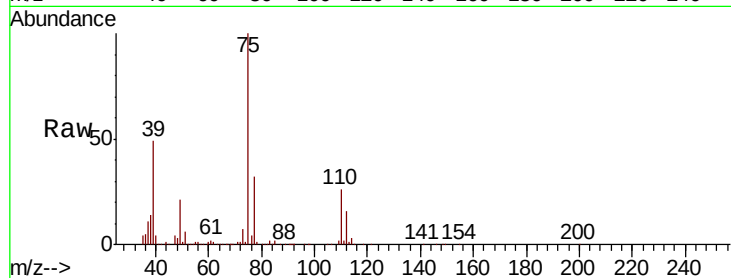
ClientSampleId :

Tot Ion: 75 Resp: 74335

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.867 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

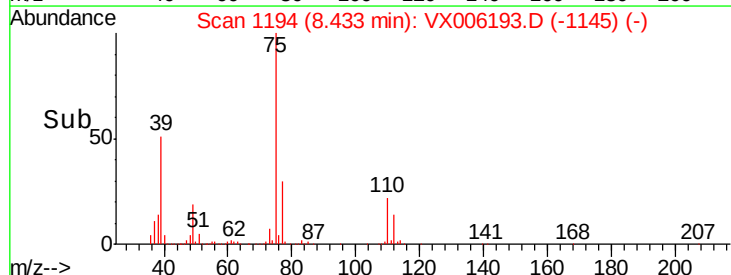
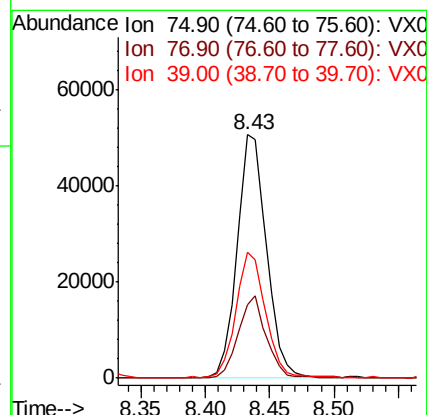
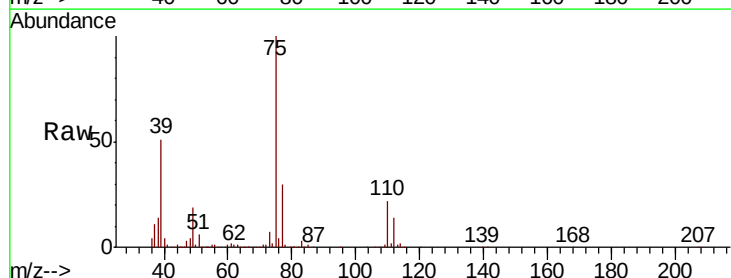
Tgt Ion: 75 Resp: 80286

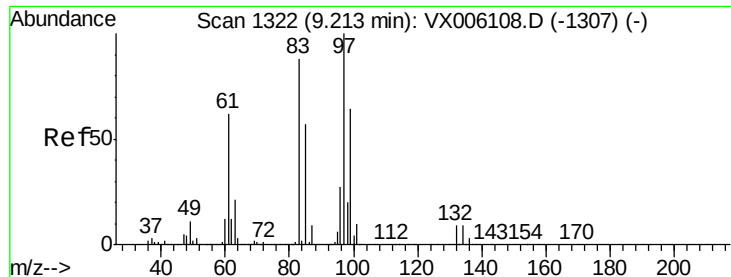
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 51.3 40.3 60.5



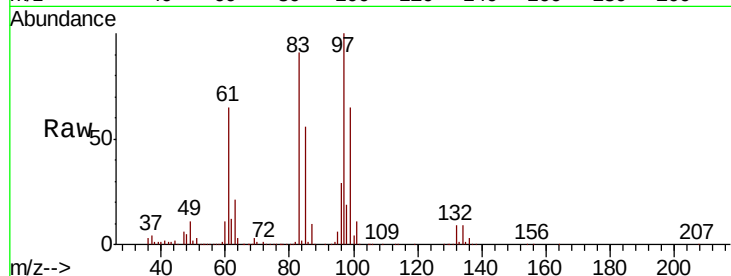


#55
 1,1,2-Trichloroethane
 Concen: 20.362 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

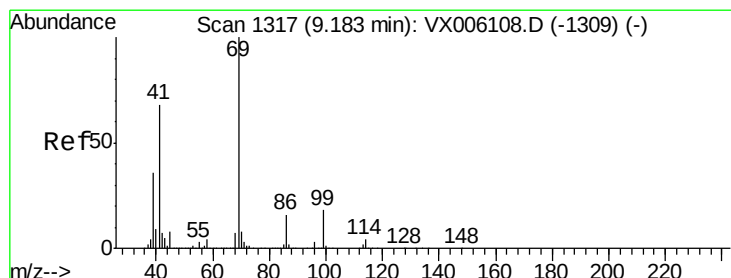
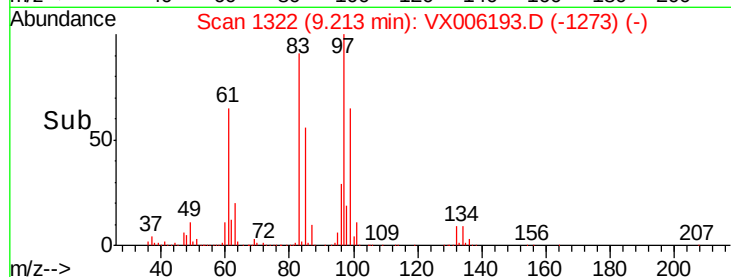
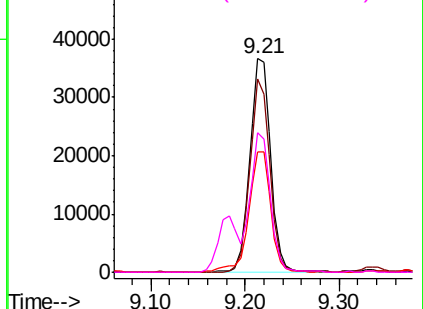
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 57004

Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.7	106.1
85	56.0	45.7	68.5
99	65.3	51.4	77.2



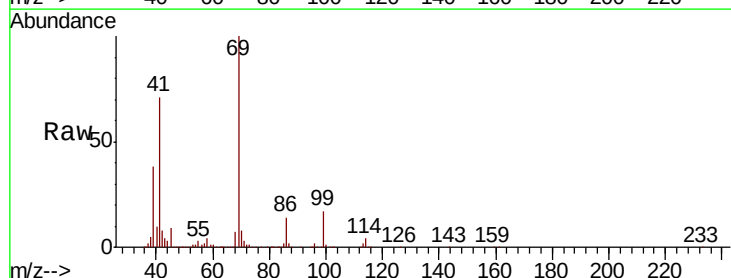
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



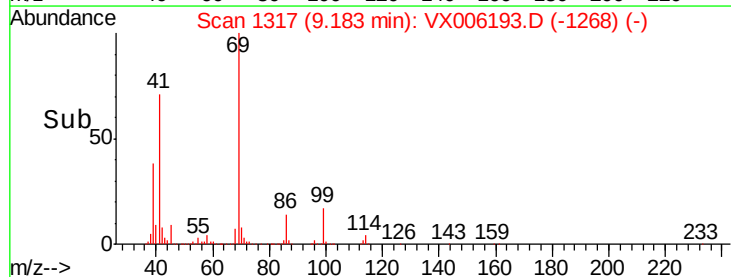
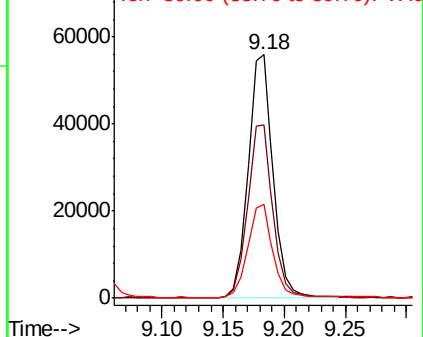
#56
 Ethyl methacrylate
 Concen: 19.941 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

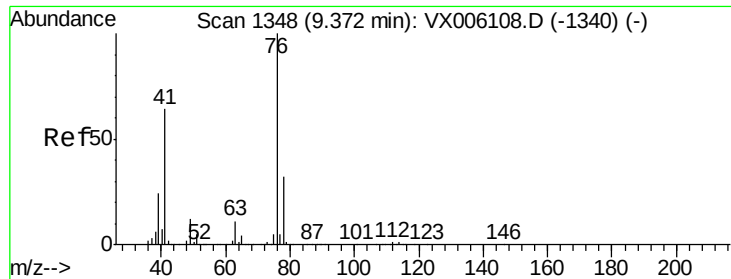
Tgt Ion: 69 Resp: 78967

Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.2	84.4
39	38.3	29.4	44.0



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

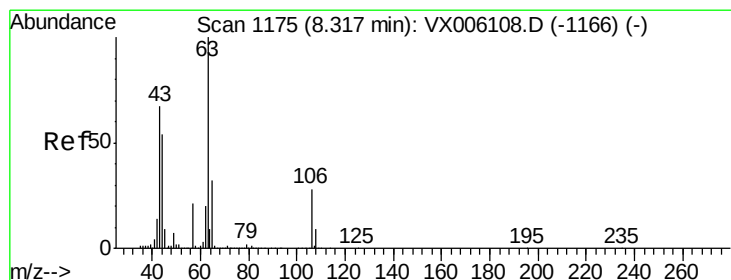
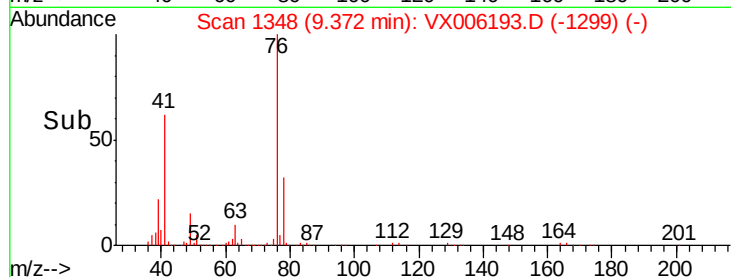
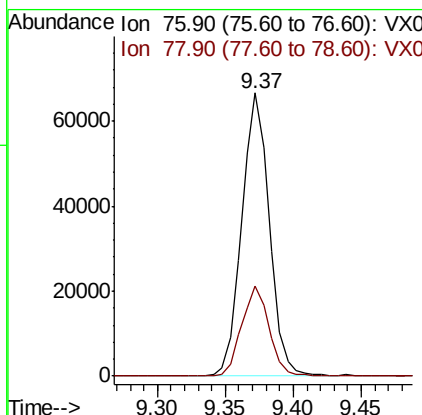
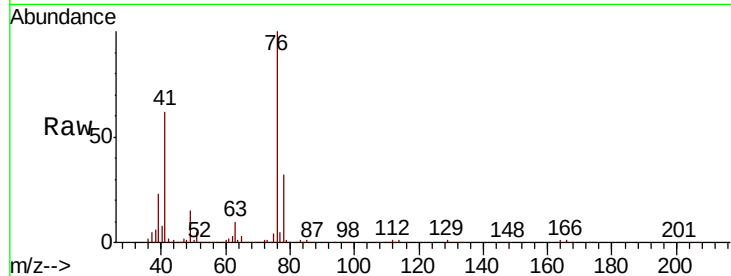




#57
 1,3-Dichloropropane
 Concen: 20.450 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

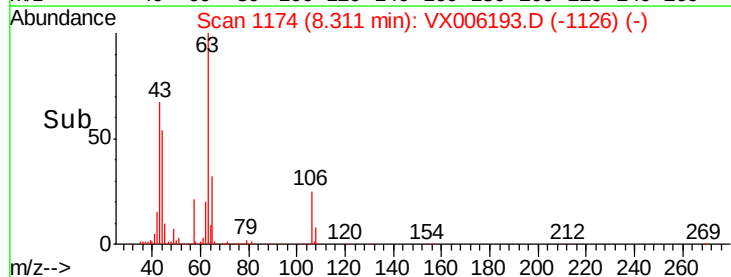
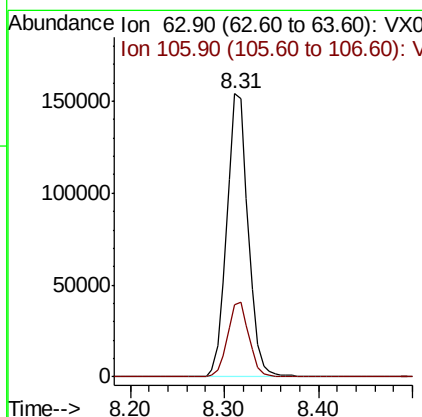
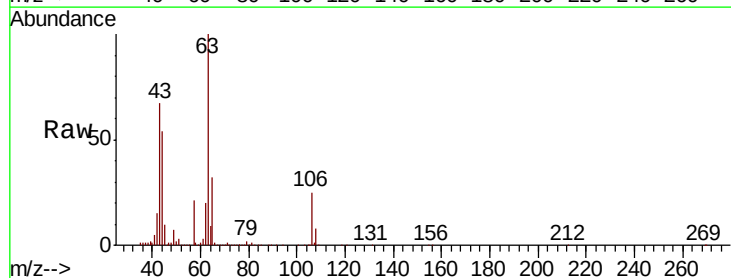
Instrument :
 MSVOA_X
 ClientSampleId :

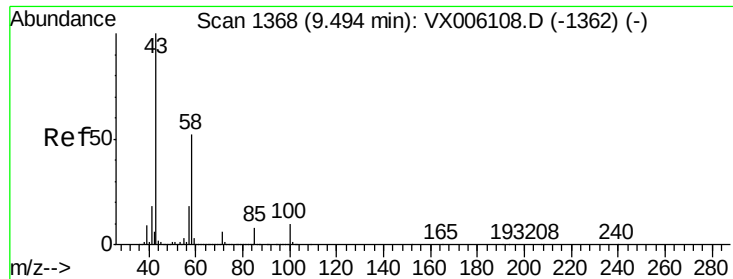
Tot Ion: 76 Resp: 94366
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.342 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion: 63 Resp: 241575
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.7 32.5

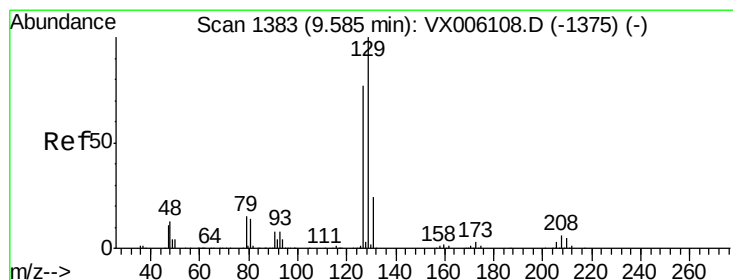
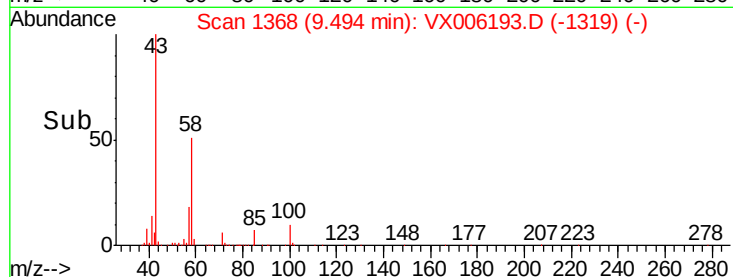
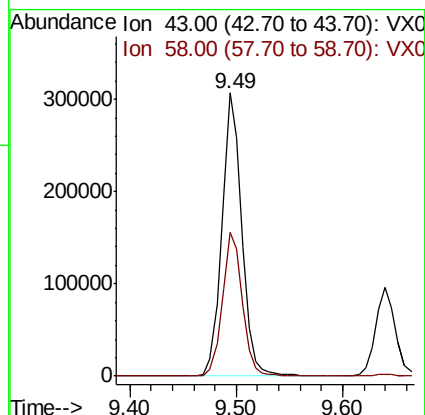
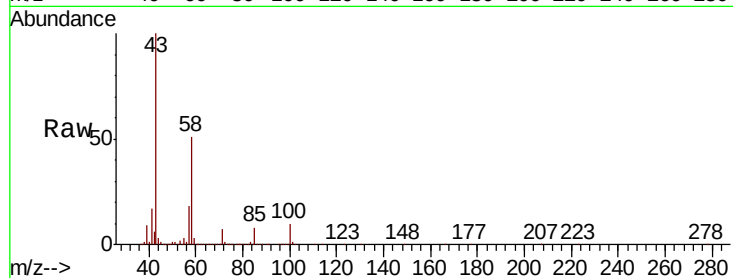




#59
2-Hexanone
Concen: 106.553 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

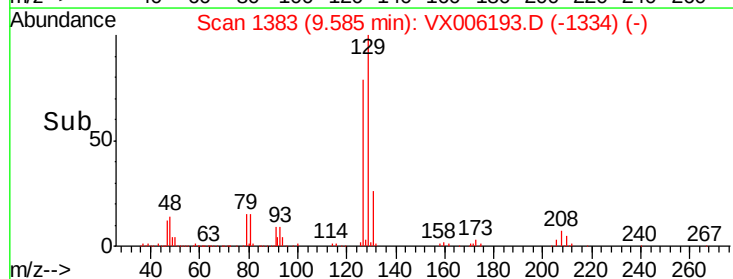
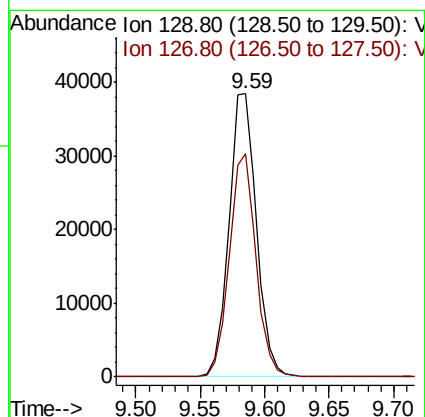
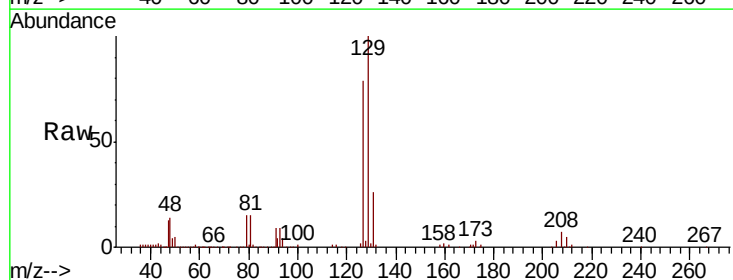
Instrument :
MSVOA_X
ClientSampleId :

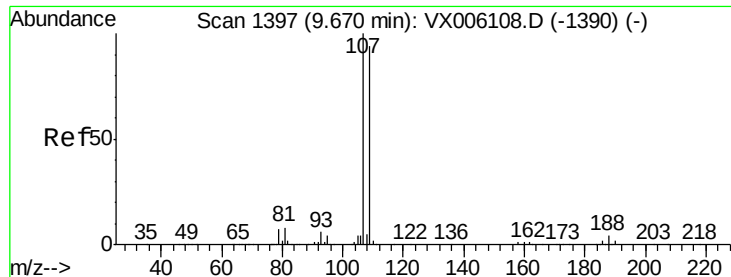
Tot Ion: 43 Resp: 399546
Ion Ratio Lower Upper
43 100
58 51.2 26.3 78.9



#60
Dibromochloromethane
Concen: 20.970 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion:129 Resp: 57557
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.889 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

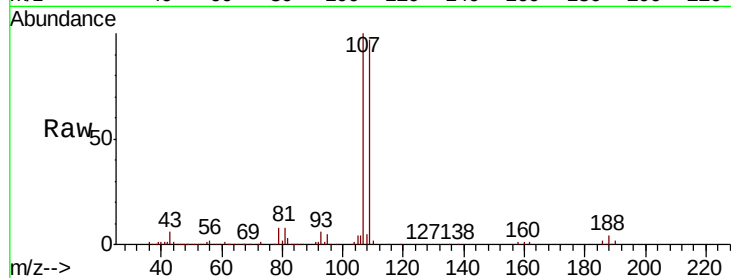
ClientSampleId :

Tot Ion:107 Resp: 60245

Ion Ratio Lower Upper

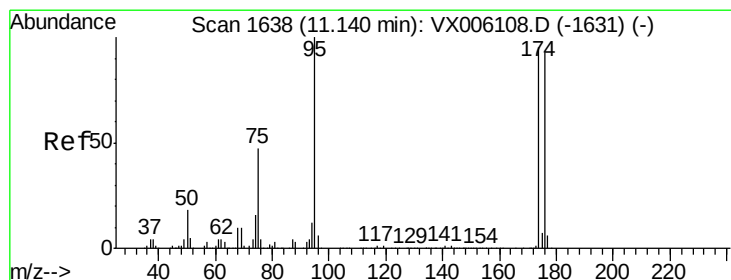
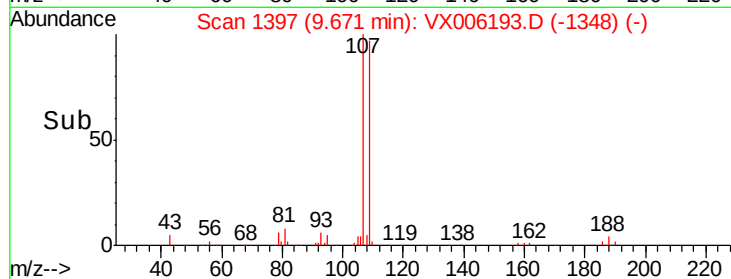
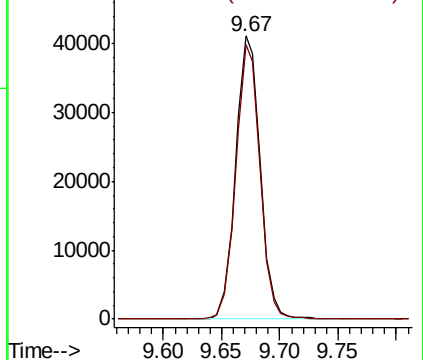
107 100

109 95.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.939 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

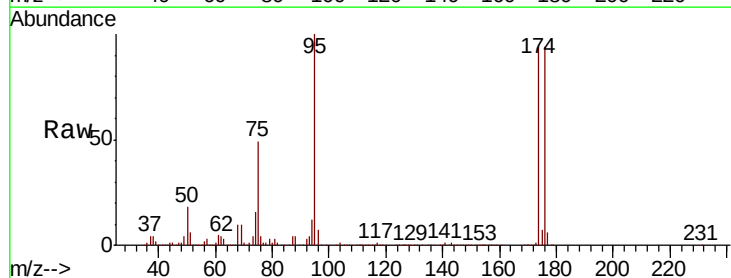
Tgt Ion: 95 Resp: 171712

Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.4

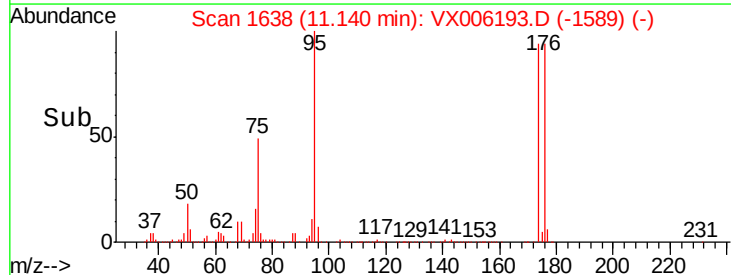
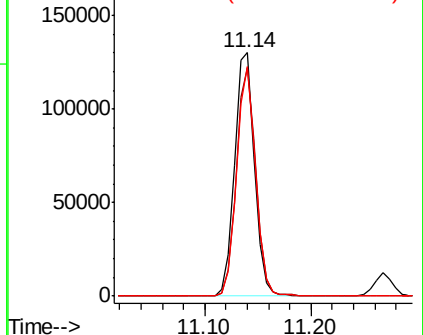
176 89.5 0.0 179.0

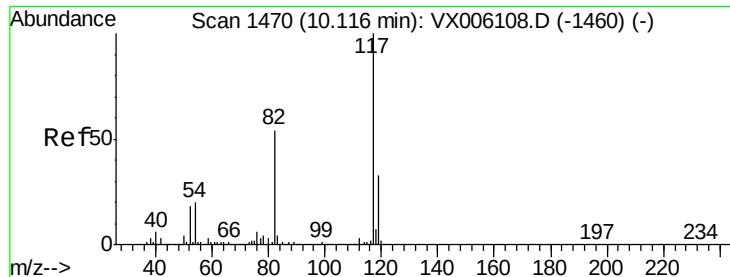


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

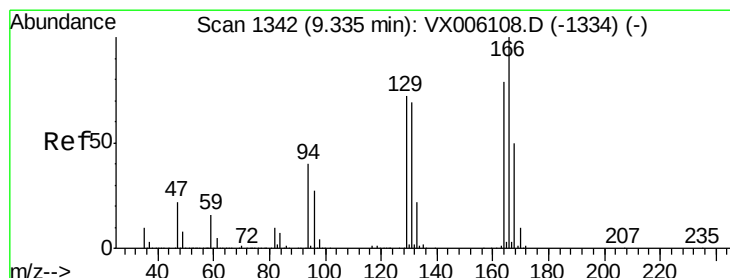
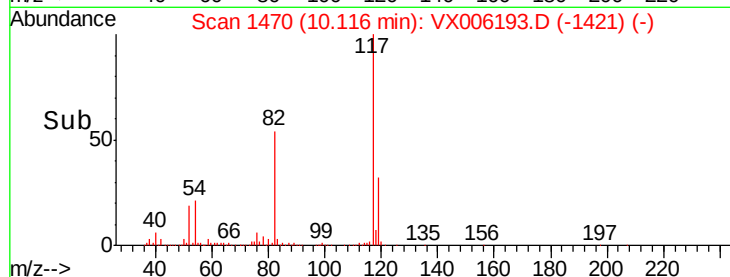
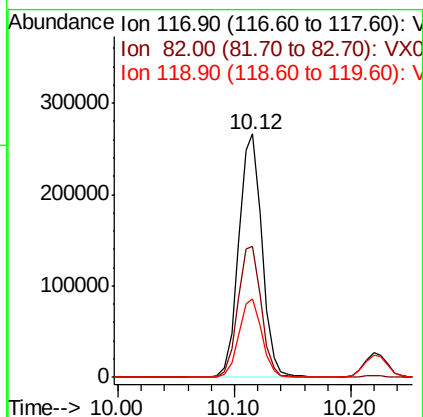
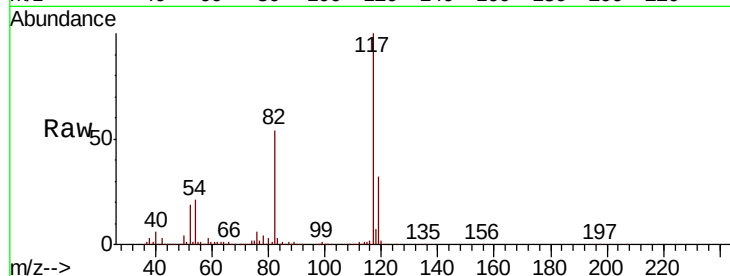




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

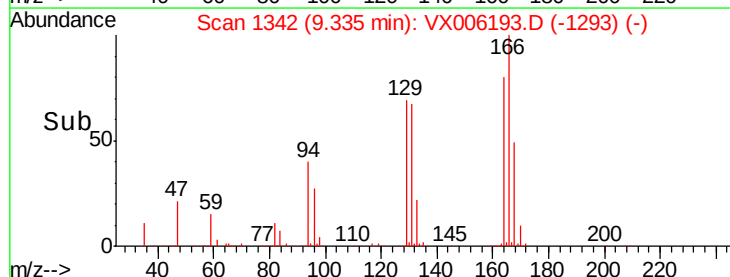
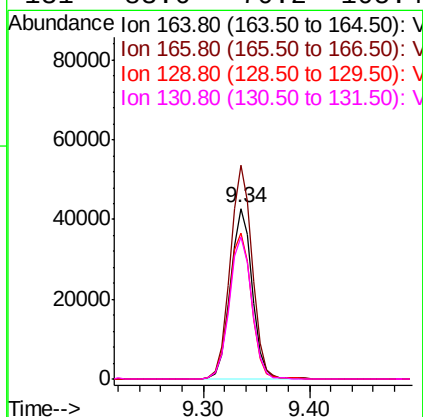
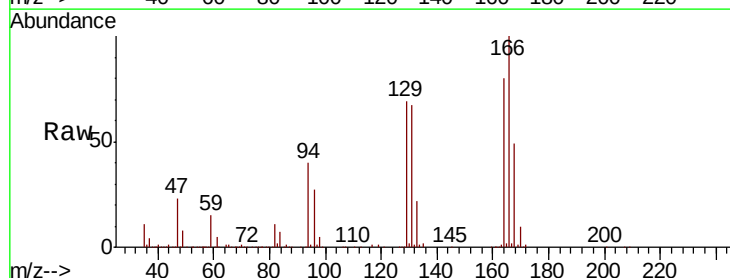
Instrument :
MSVOA_X
ClientSampleId :

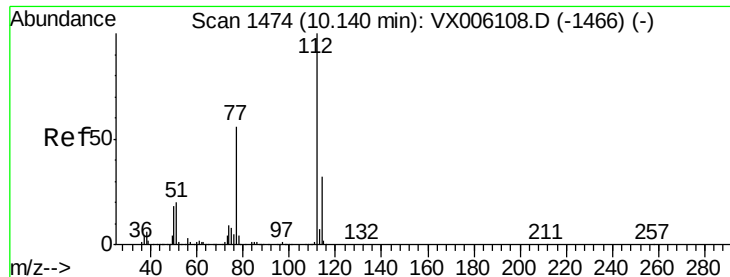
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.2	26.1	39.1



#64
Tetrachloroethene
Concen: 20.399 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	101.5	152.3
129	86.0	73.4	110.0
131	83.6	70.2	105.4





#65

Chlorobenzene

Concen: 19.670 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

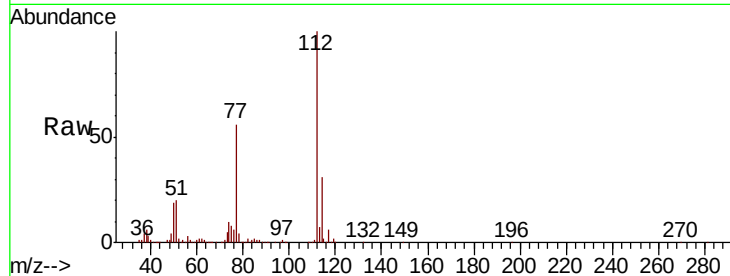
ClientSampled :

Tot Ion:112 Resp: 149071

Ion Ratio Lower Upper

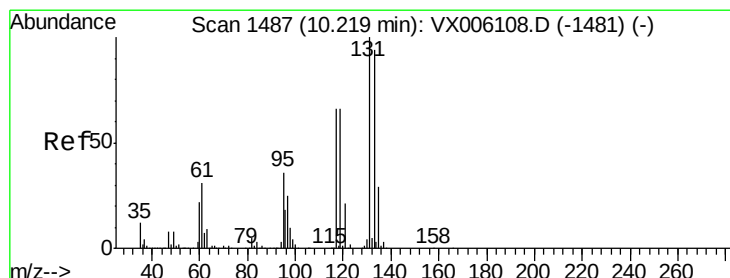
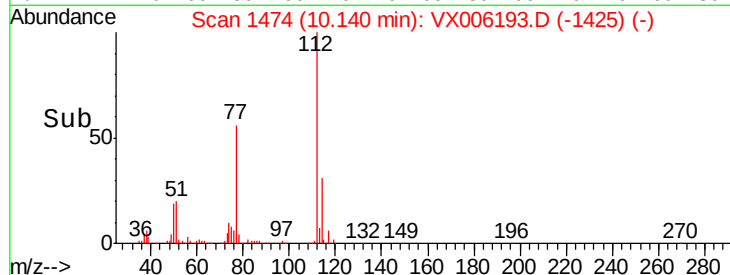
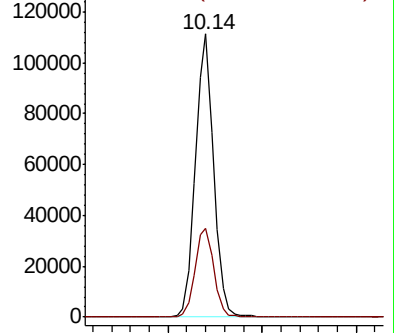
112 100

114 31.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.928 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

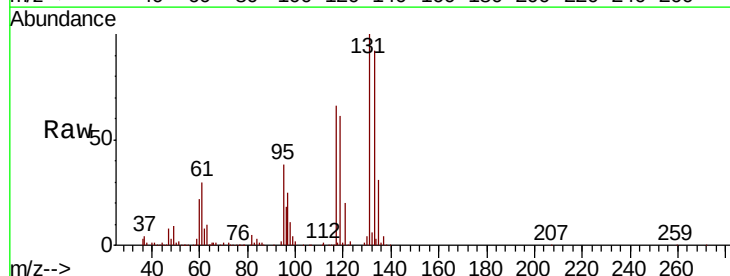
Tgt Ion:131 Resp: 54450

Ion Ratio Lower Upper

131 100

133 93.1 48.0 144.2

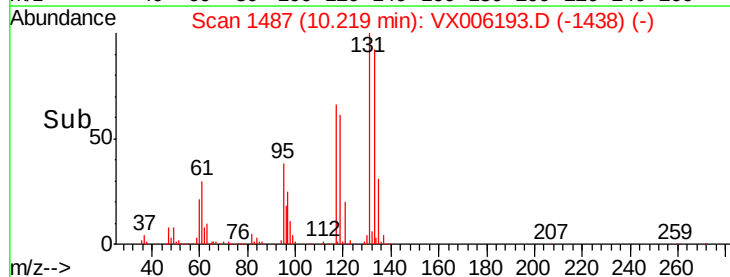
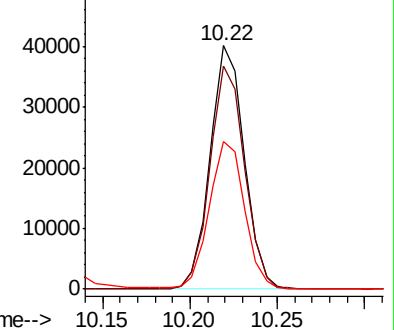
119 62.7 32.6 97.8

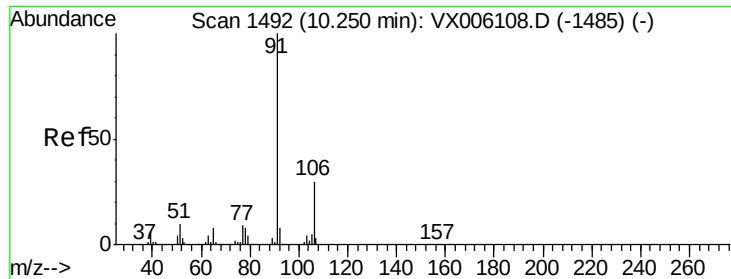


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.789 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

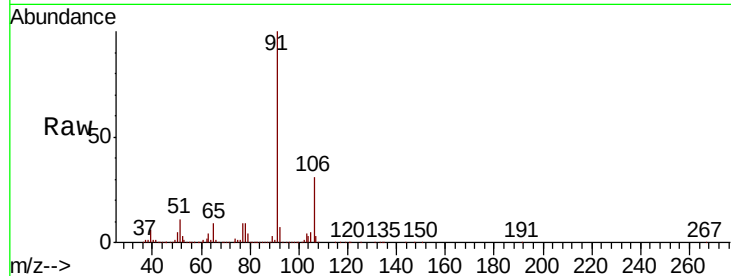
ClientSampleId :

Tot Ion: 91 Resp: 245550

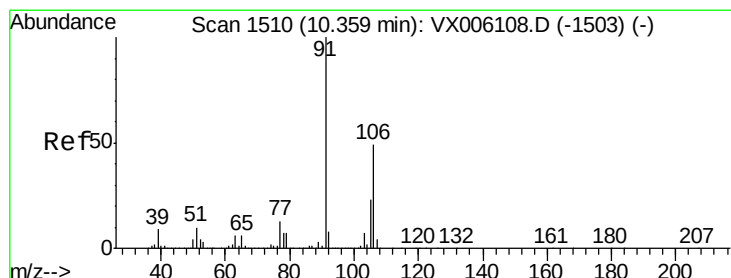
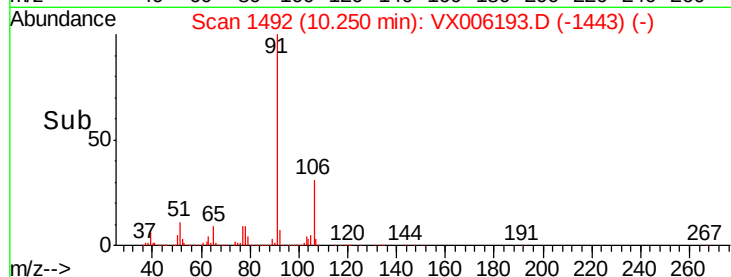
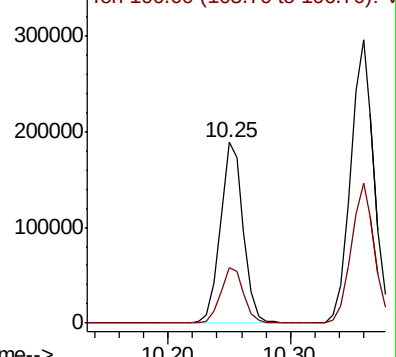
Ion Ratio Lower Upper

91 100

106 30.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1485) (-)



#68

m/p-Xylenes

Concen: 39.941 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006193.D

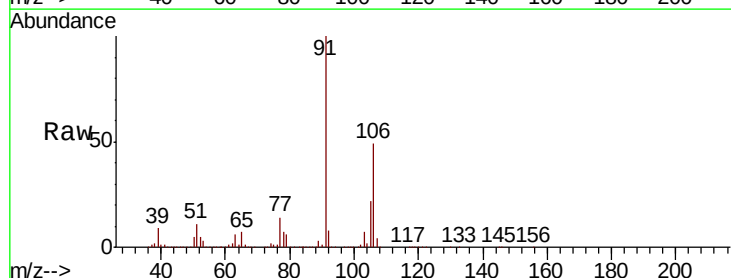
Acq: 27 Nov 2018 00:04

Tgt Ion: 106 Resp: 192989

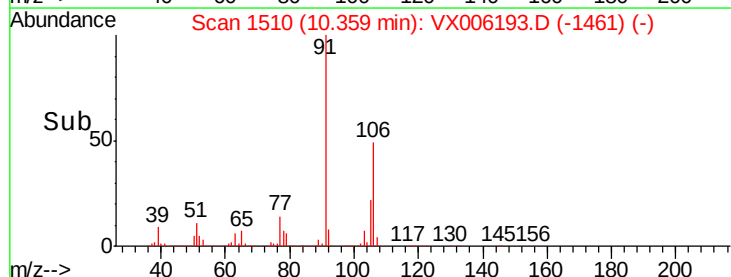
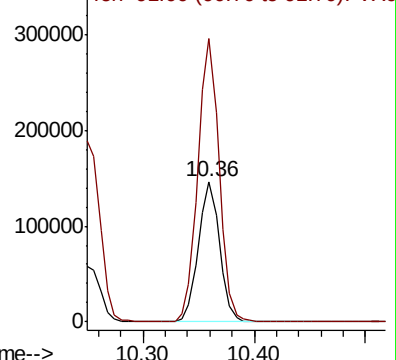
Ion Ratio Lower Upper

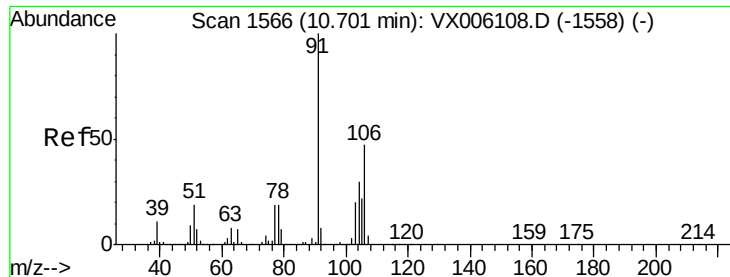
106 100

91 202.9 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): VX006108.D (-1503) (-)

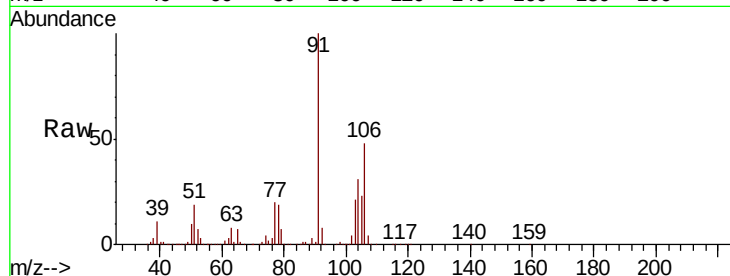




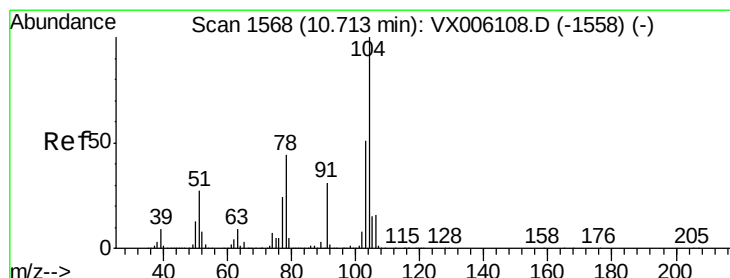
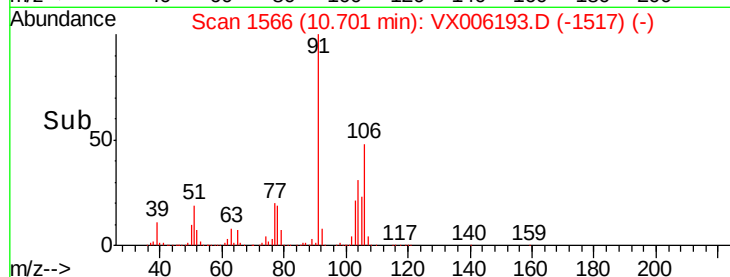
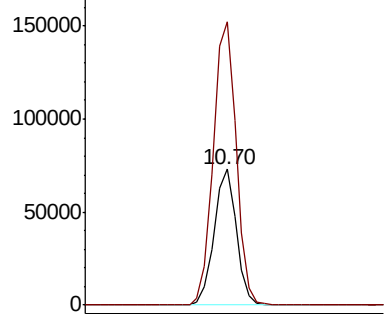
#69
o-Xylene
Concen: 19.956 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 92103
Ion Ratio Lower Upper
106 100
91 213.6 107.4 322.2

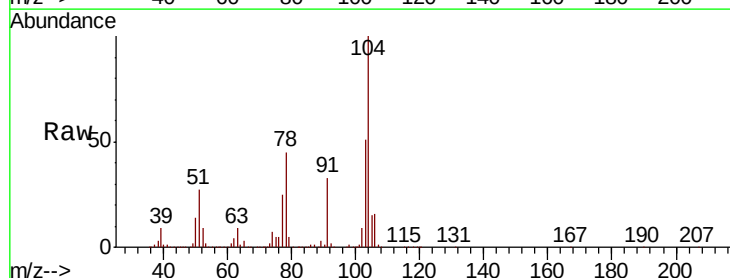


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

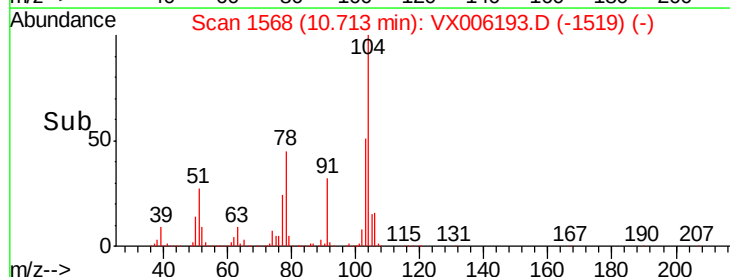
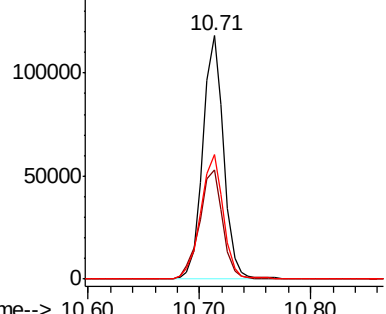


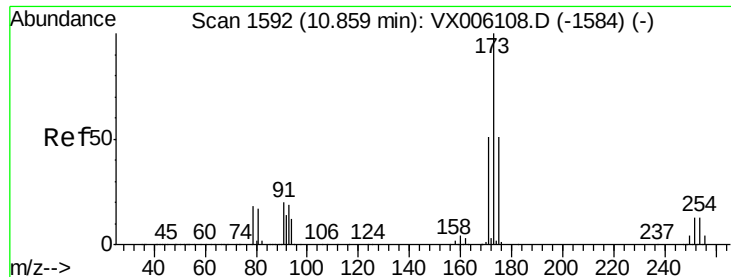
#70
Styrene
Concen: 20.327 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion:104 Resp: 152972
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 56.1 44.6 67.0



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





#71

Bromoform

Concen: 20.051 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampled :

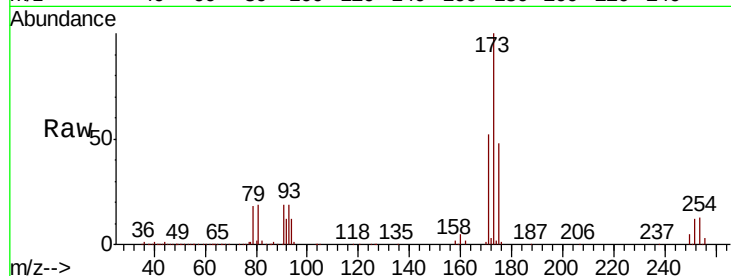
Tot Ion:173 Resp: 46698

Ion Ratio Lower Upper

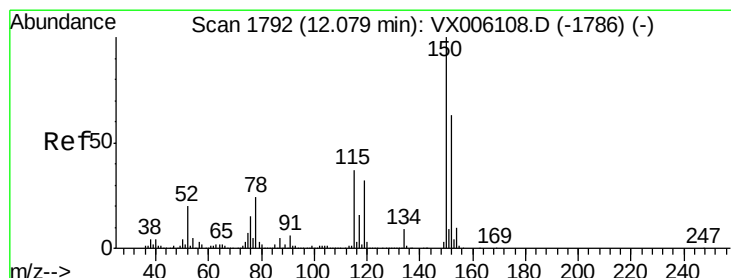
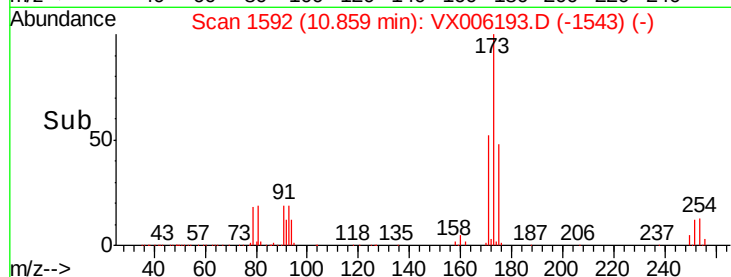
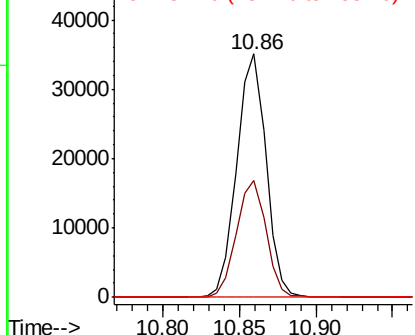
173 100

175 49.0 24.9 74.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

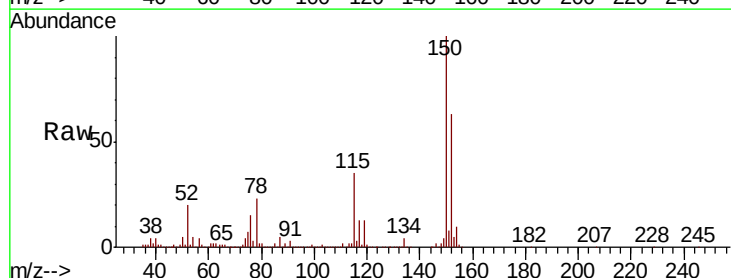
Tgt Ion:152 Resp: 201966

Ion Ratio Lower Upper

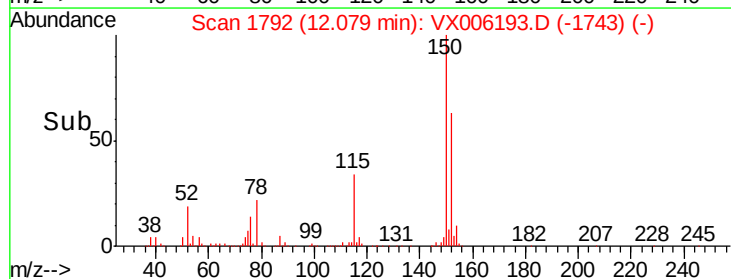
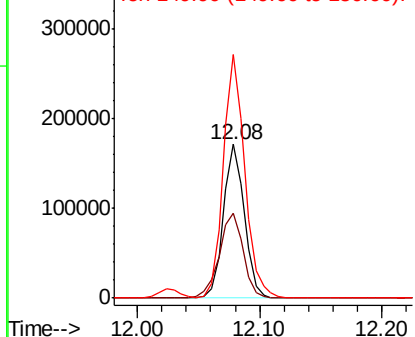
152 100

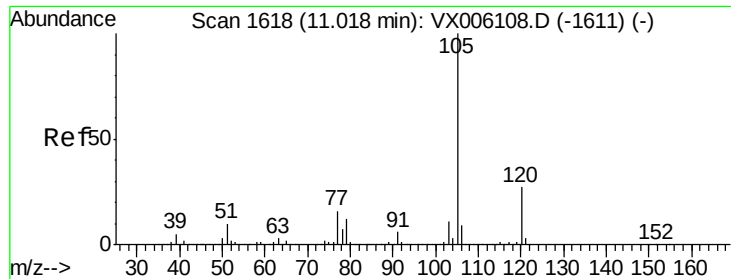
115 63.4 39.0 116.9

150 162.5 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.571 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

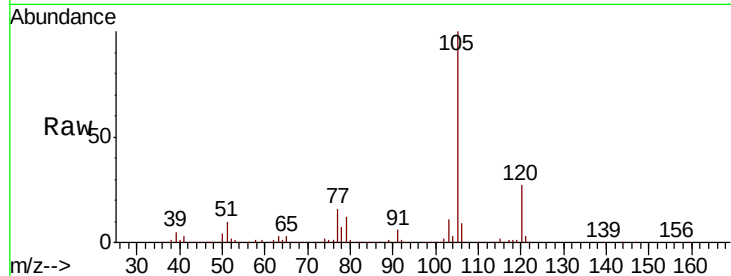
ClientSampleId :

Tot Ion:105 Resp: 251379

Ion Ratio Lower Upper

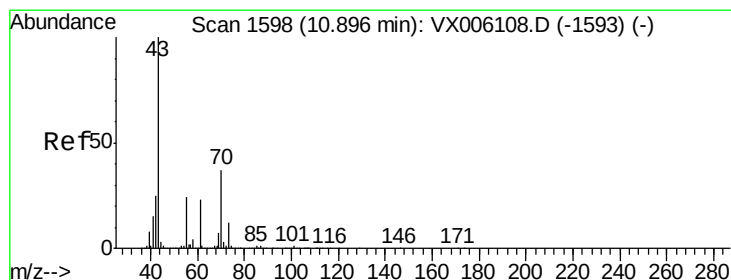
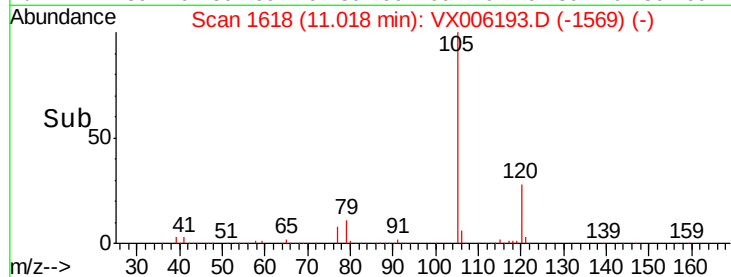
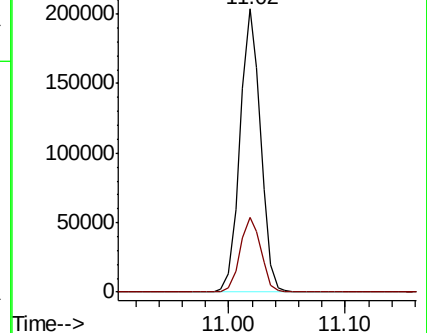
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.183 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Tgt Ion: 43 Resp: 117202

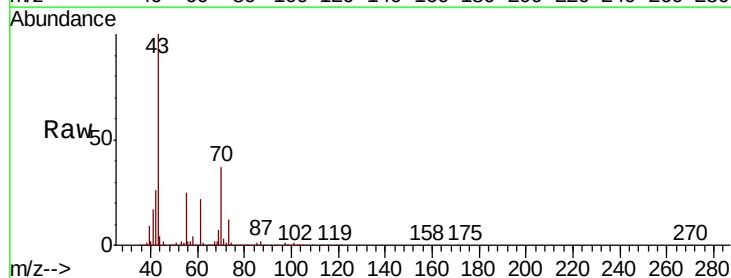
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.6

55 26.0 19.5 29.3

61 22.9 18.6 27.8

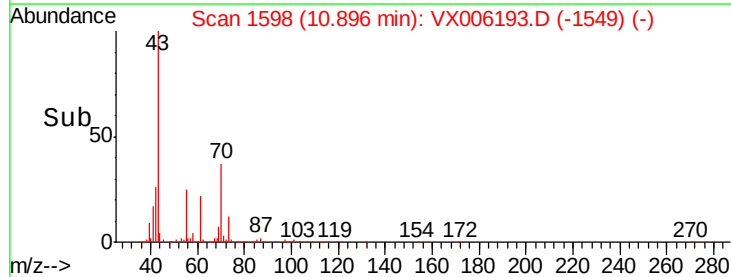
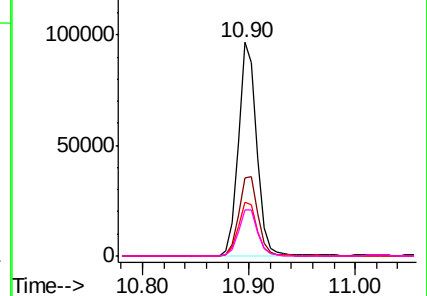


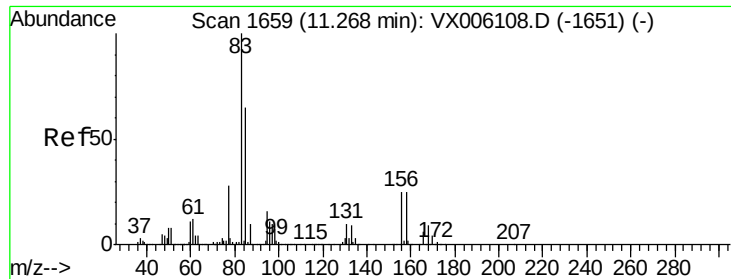
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.310 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

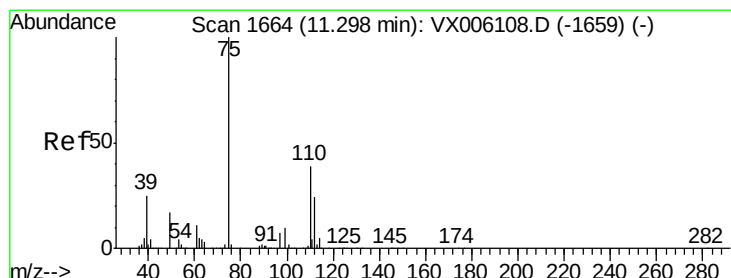
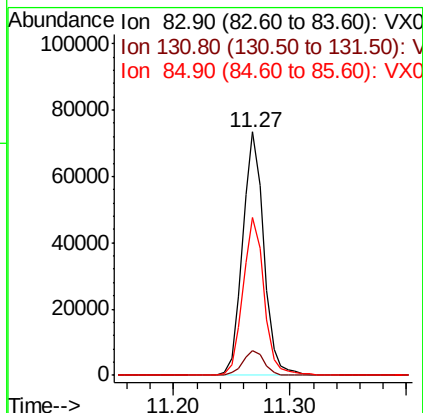
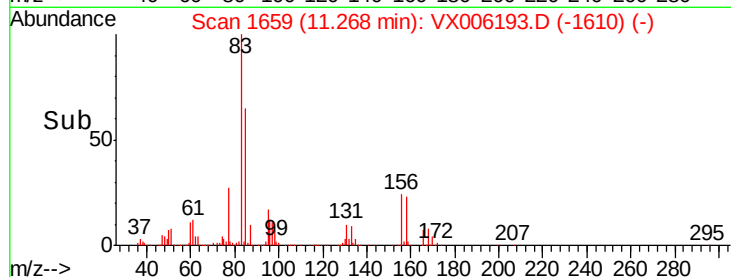
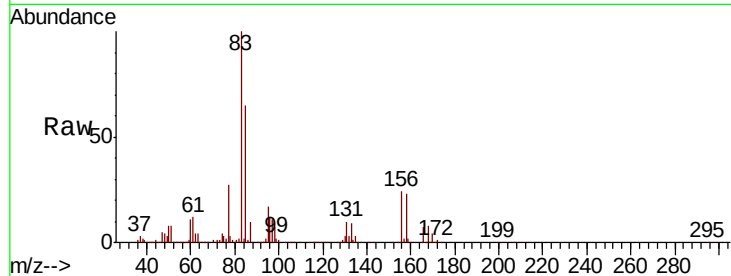
Tot Ion: 83 Resp: 93534

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 25.341 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006193.D

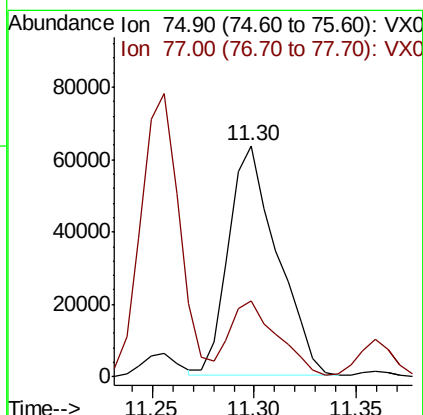
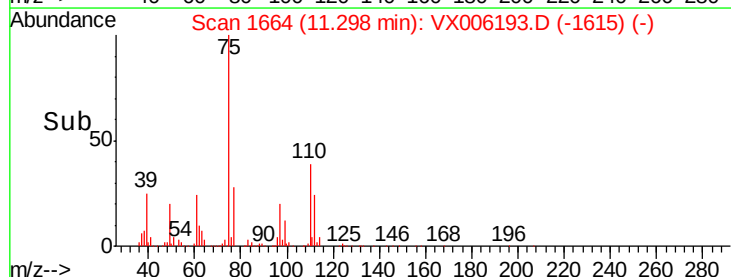
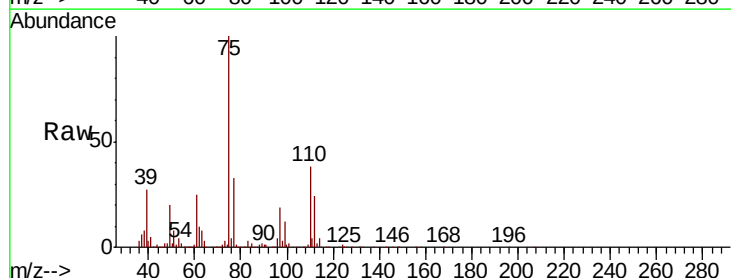
Acq: 27 Nov 2018 00:04

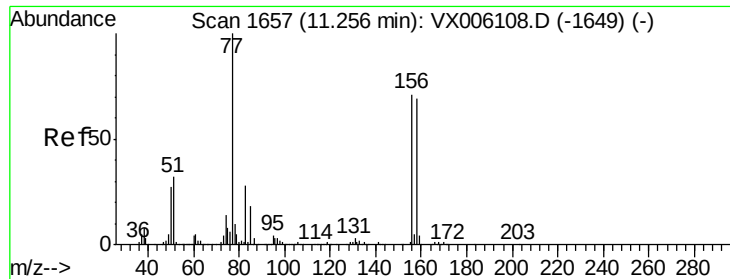
Tgt Ion: 75 Resp: 105368

Ion Ratio Lower Upper

75 100

77 31.9 19.6 58.7





#77

Bromobenzene

Concen: 20.211 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampleId :

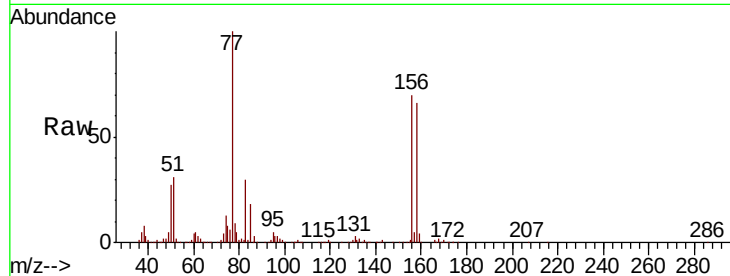
Tot Ion:156 Resp: 69189

Ion Ratio Lower Upper

156 100

77 149.3 74.3 222.8

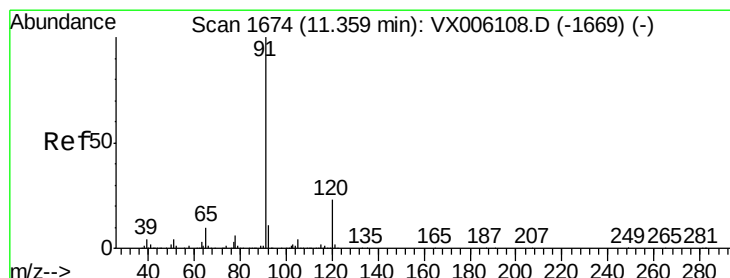
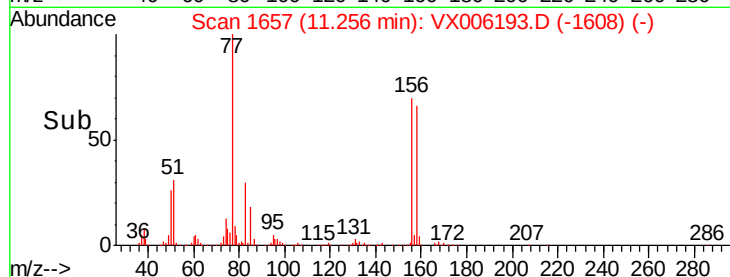
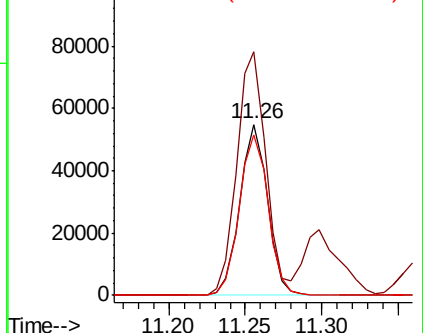
158 97.5 49.0 147.0



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: 20.378 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006193.D

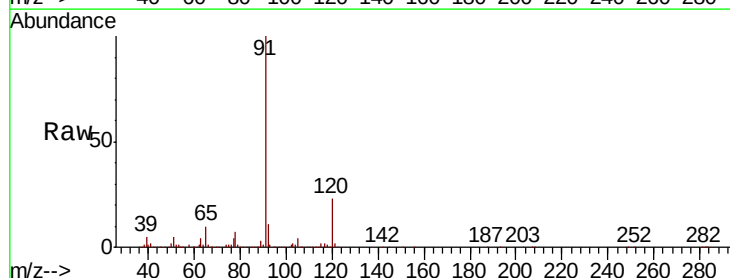
Acq: 27 Nov 2018 00:04

Tgt Ion: 91 Resp: 290003

Ion Ratio Lower Upper

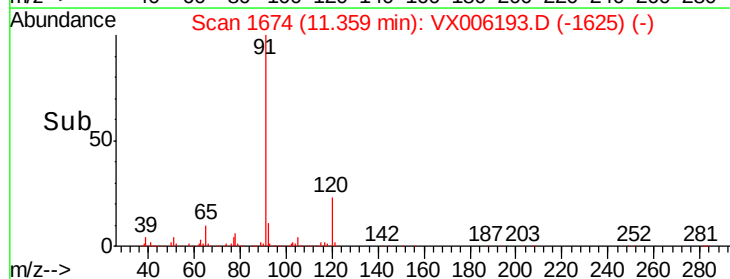
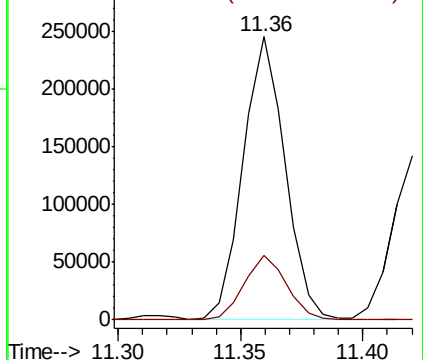
91 100

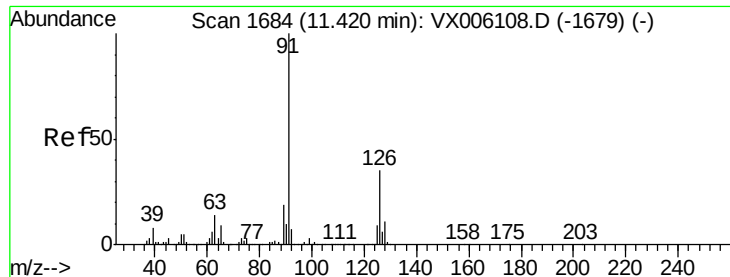
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.310 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

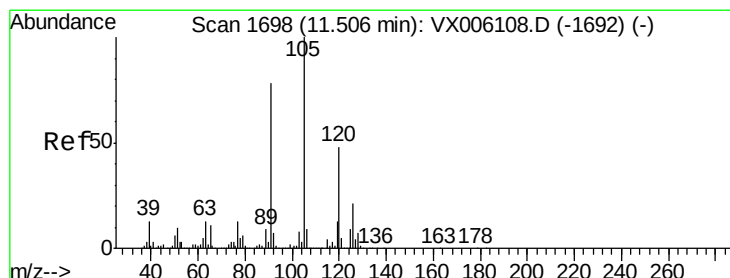
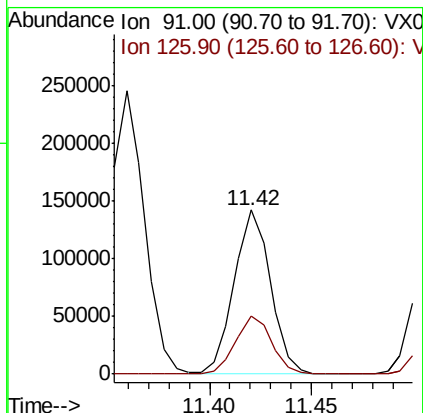
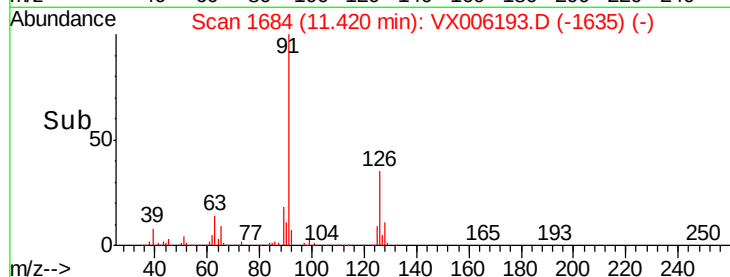
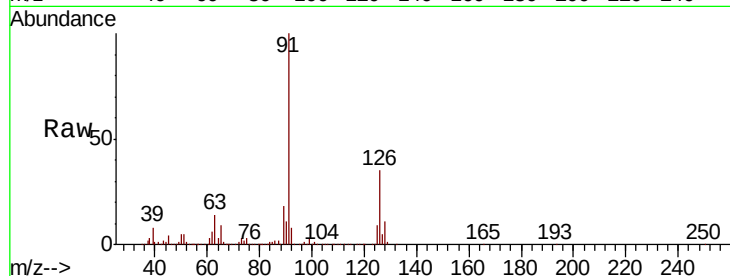
ClientSampleId :

Tot Ion: 91 Resp: 174865

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 20.660 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006193.D

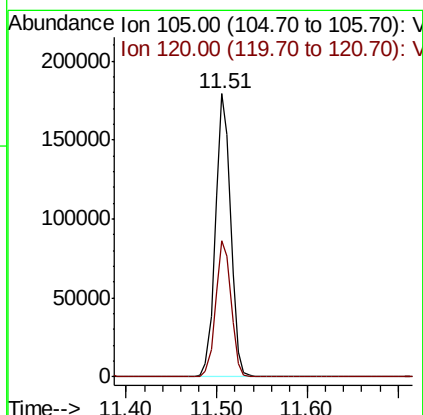
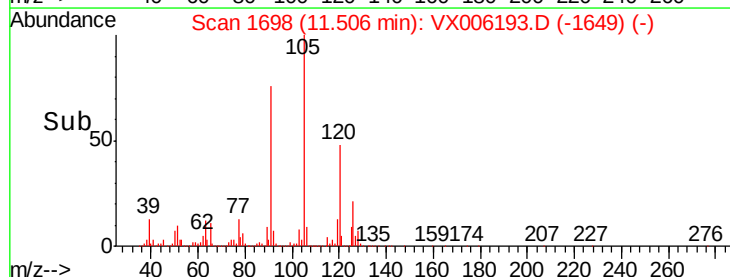
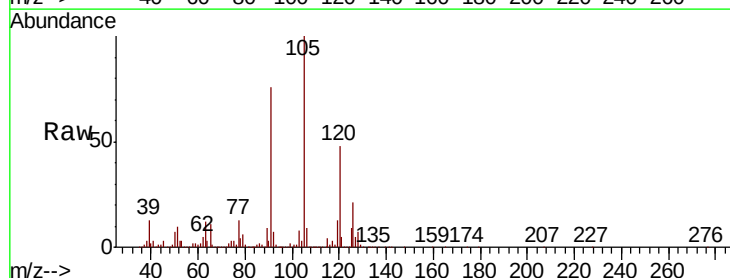
Acq: 27 Nov 2018 00:04

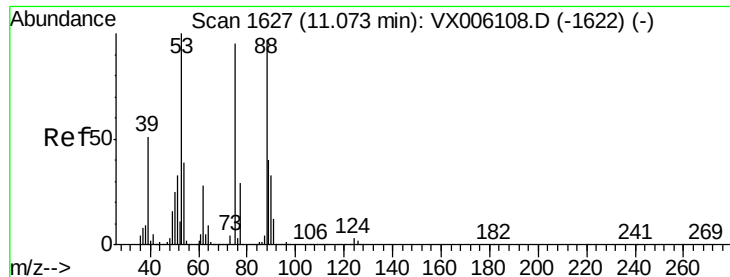
Tgt Ion: 105 Resp: 212865

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.105 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

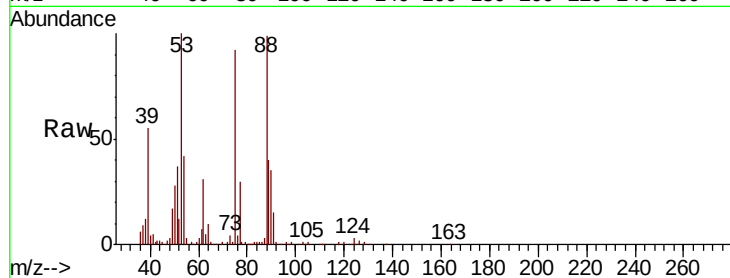
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 23487

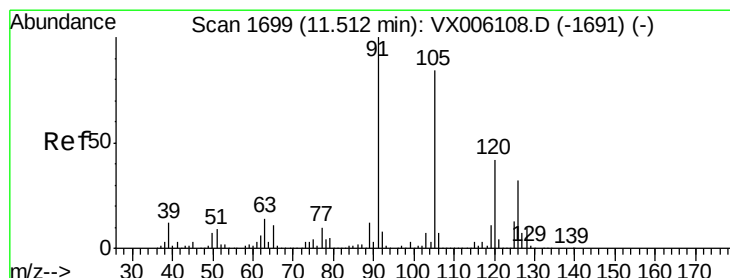
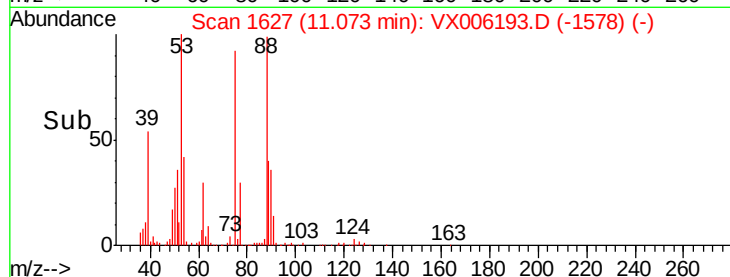
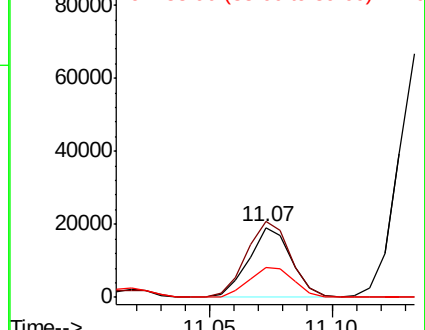
Ion	Ratio	Lower	Upper
75	100		
53	109.6	85.3	127.9
89	45.2	37.2	55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.552 ug/l

RT: 11.51 min Scan# 1699

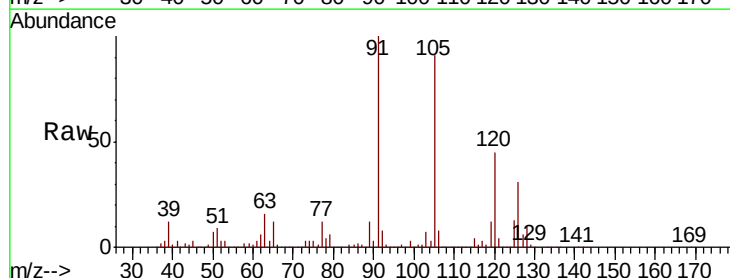
Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

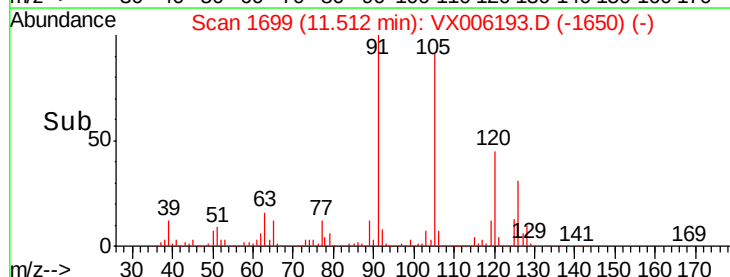
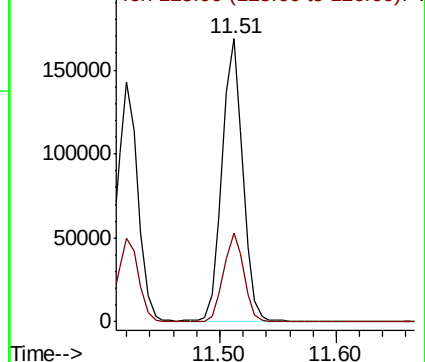
Tgt Ion: 91 Resp: 206497

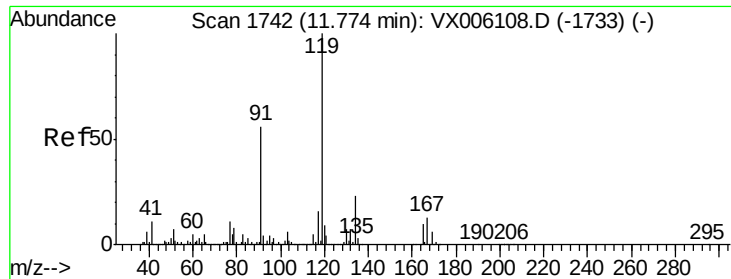
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

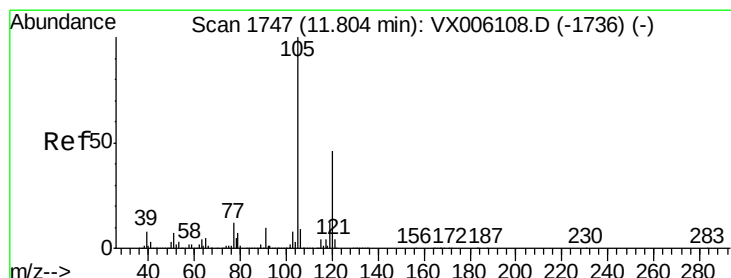
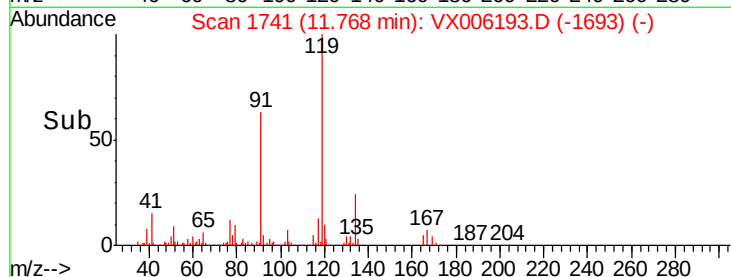
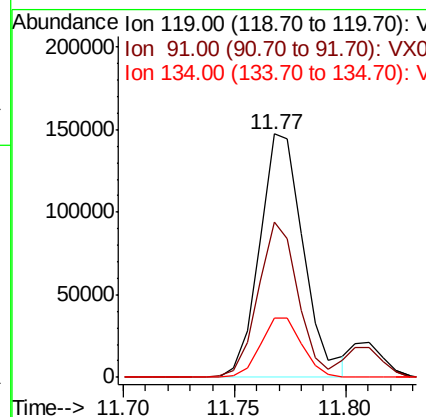
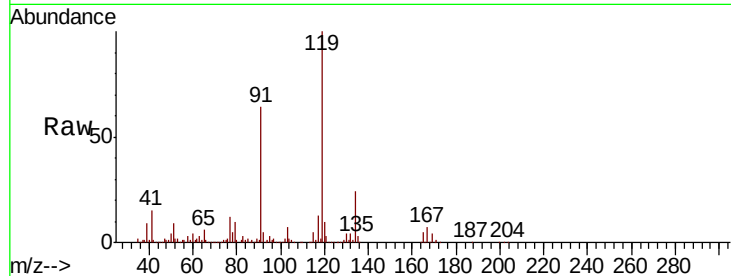




#83
 tert-Butylbenzene
 Concen: 20.098 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

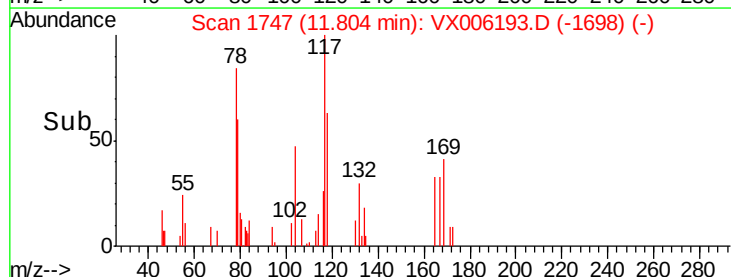
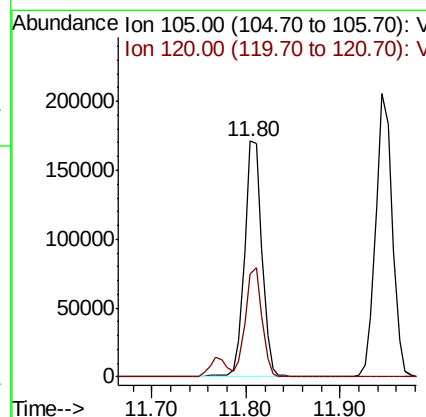
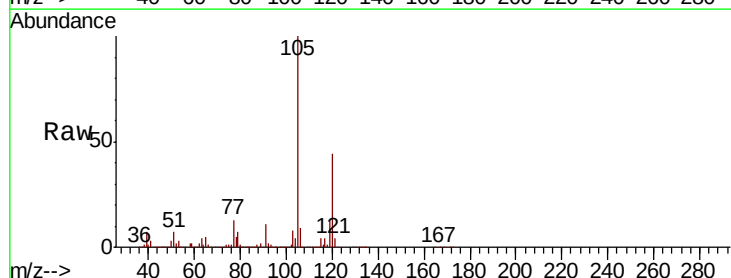
Instrument :
 MSVOA_X
 ClientSampleId :

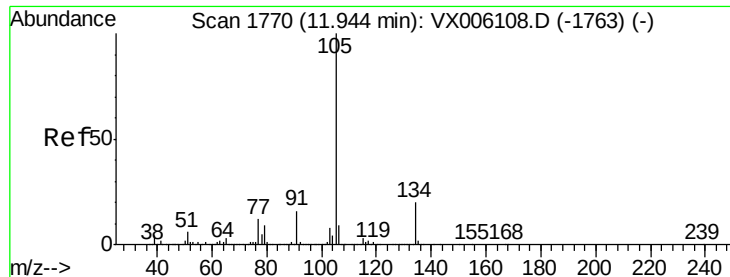
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	28.2	84.6
134	23.4	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.854 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.7	68.0





#85

sec-Butylbenzene

Concen: 20.525 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

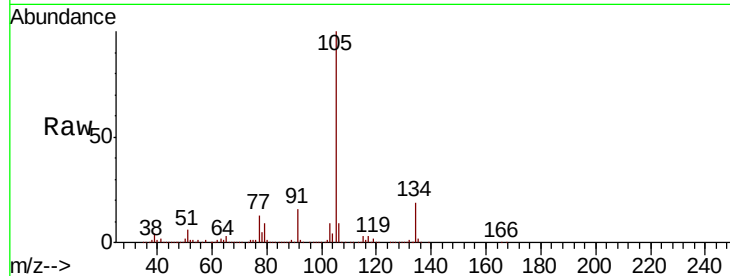
ClientSampleId :

Tot Ion:105 Resp: 252514

Ion Ratio Lower Upper

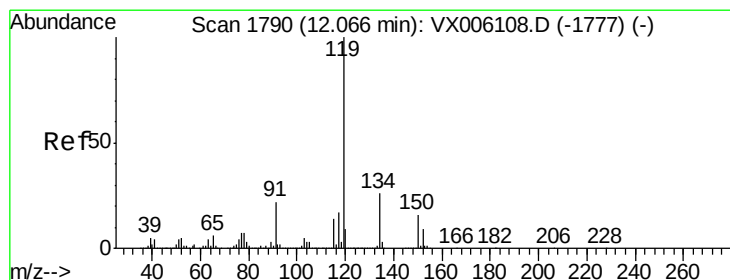
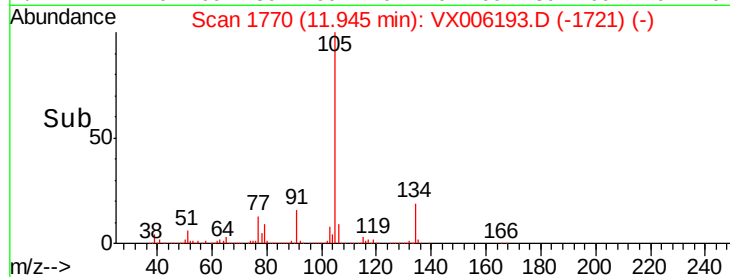
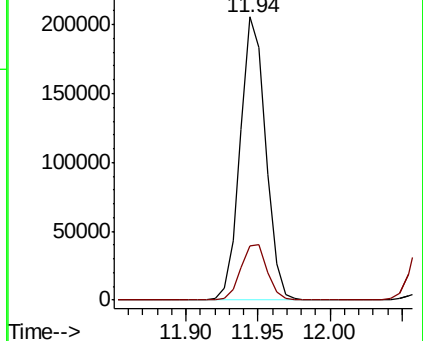
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.346 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

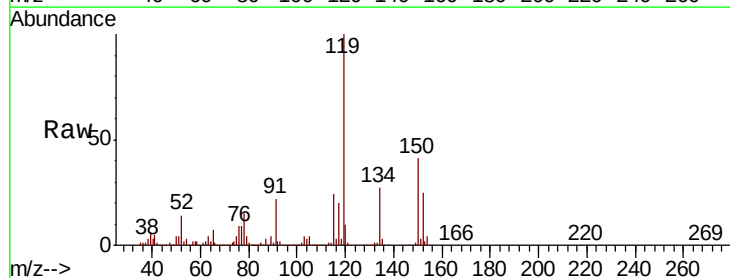
Tgt Ion:119 Resp: 223176

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

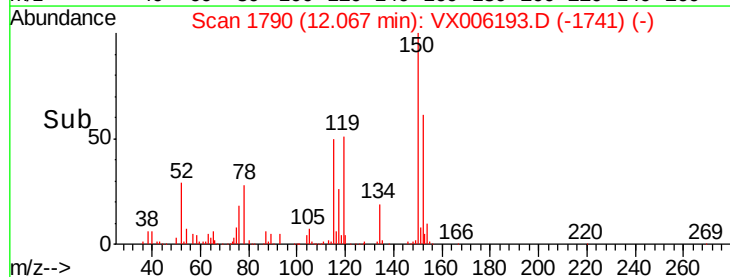
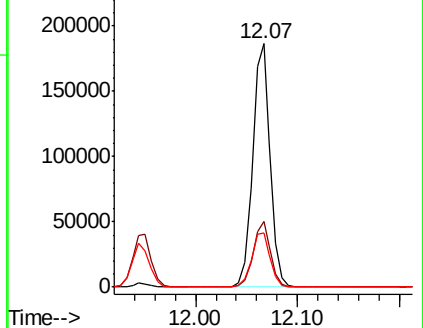
91 23.5 11.3 33.9

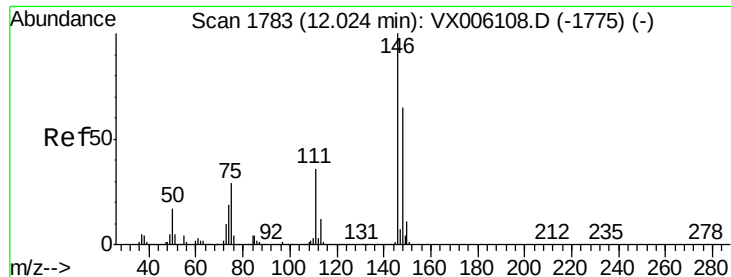


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

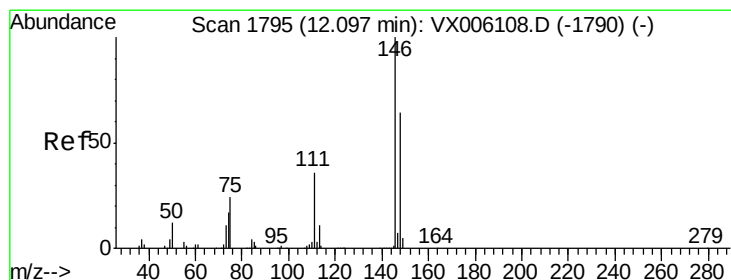
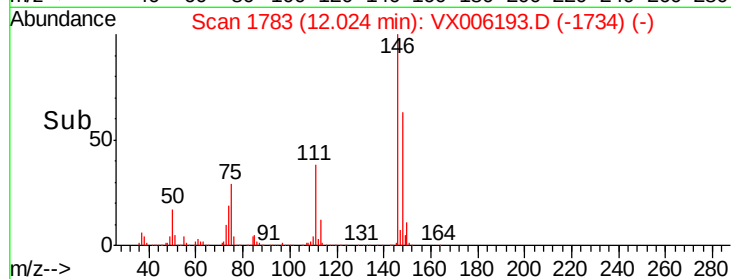
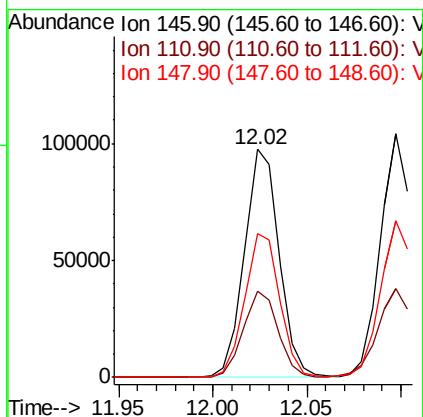
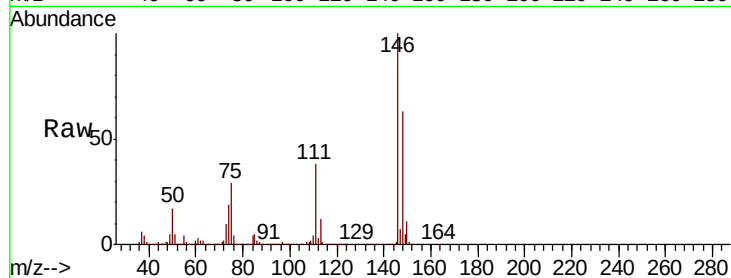




#87
 1,3-Dichlorobenzene
 Concen: 19.779 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

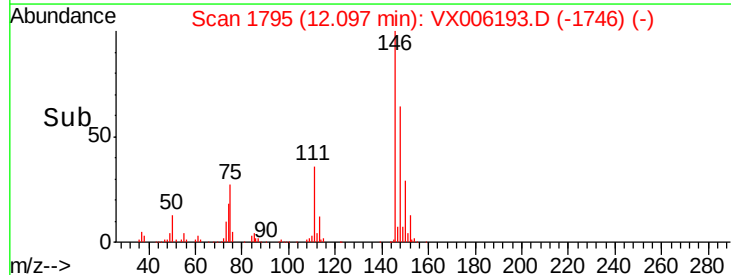
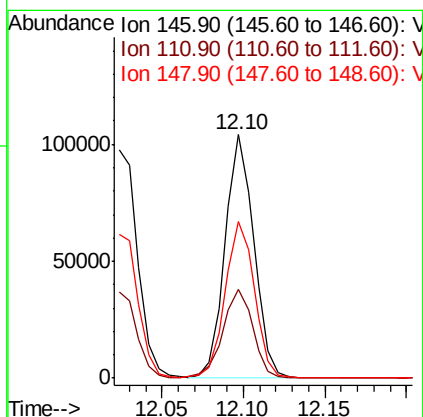
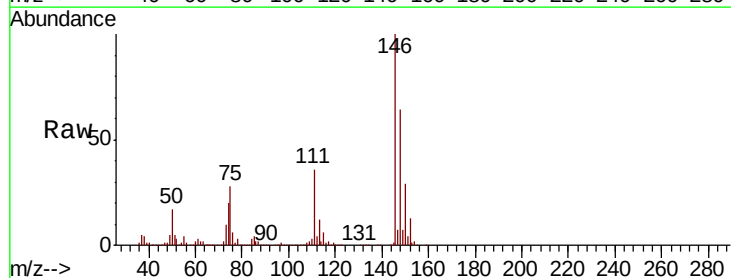
Instrument :
 MSVOA_X
 ClientSampleId :

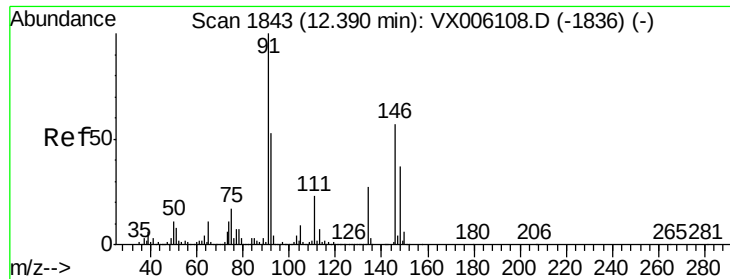
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.474 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.3	54.9
148	65.5	32.2	96.6





#89

n-Butylbenzene

Concen: 18.980 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006193.D

Acq: 27 Nov 2018 00:04

Instrument :

MSVOA_X

ClientSampled :

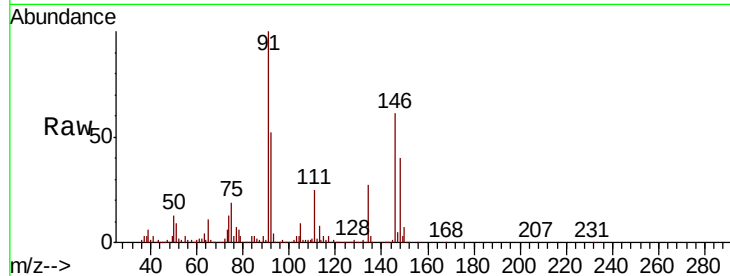
Tot Ion: 91 Resp: 188499

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 26.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX006108.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX006108.D (-1836) (-)

12.39

150000

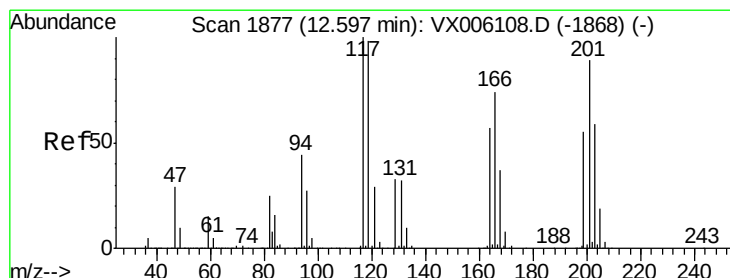
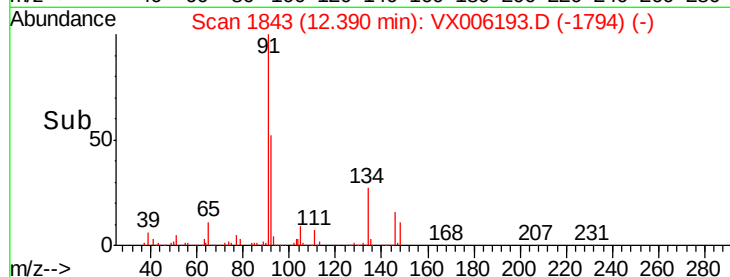
100000

50000

0

12.30 12.40 12.50

Time-->



#90

Hexachloroethane

Concen: 20.683 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006193.D

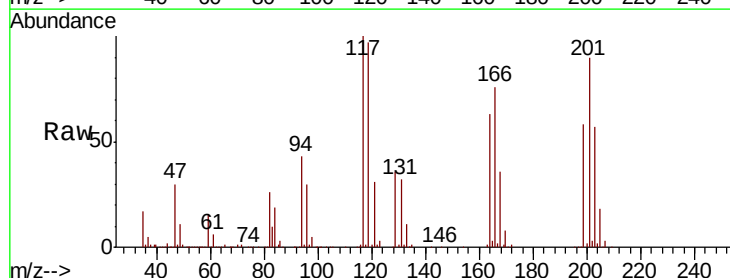
Acq: 27 Nov 2018 00:04

Tgt Ion: 117 Resp: 36205

Ion Ratio Lower Upper

117 100

201 90.5 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX006108.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX006108.D (-1868) (-)

12.60

30000

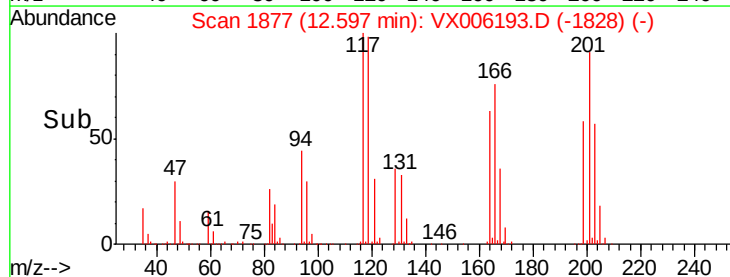
20000

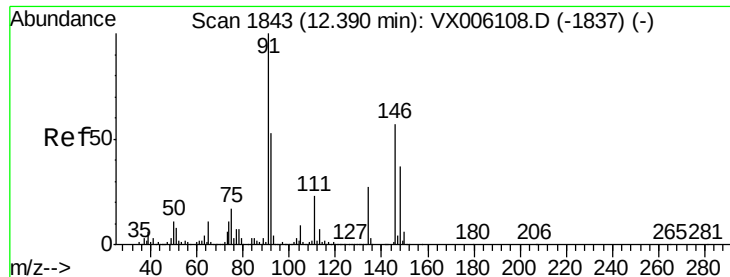
10000

0

12.55 12.60 12.65

Time-->

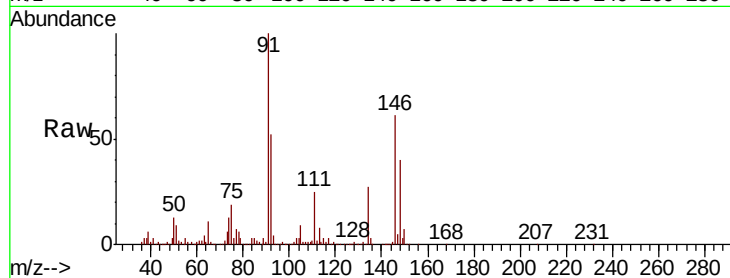




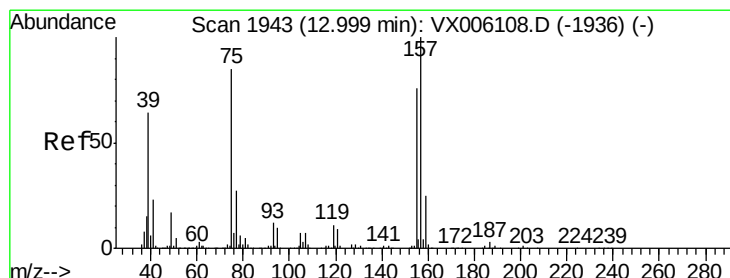
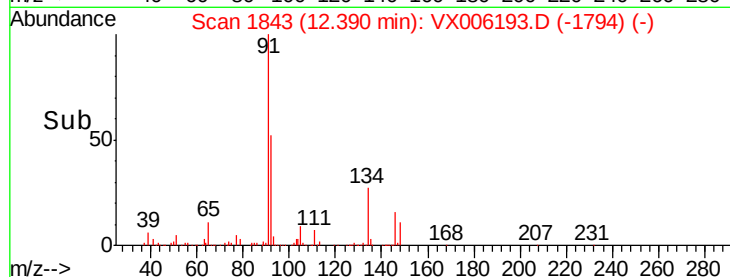
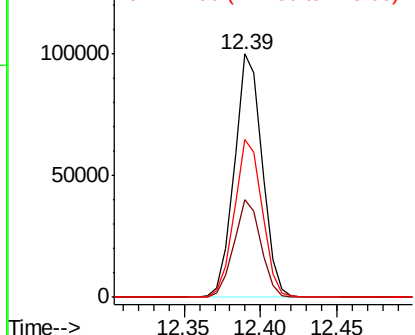
#91
 1,2-Dichlorobenzene
 Concen: 19.453 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	65.1	32.0	96.0

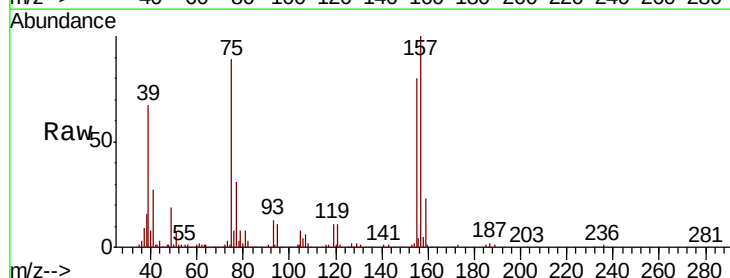


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

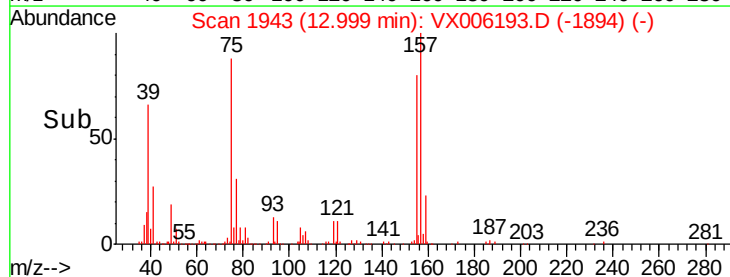
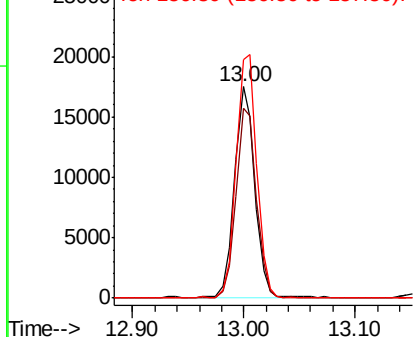


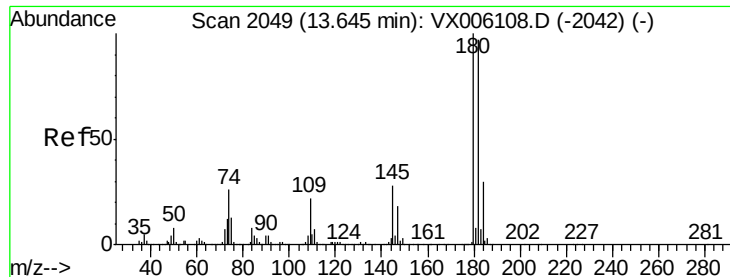
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.778 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	46.1	138.3
157	116.3	59.8	179.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

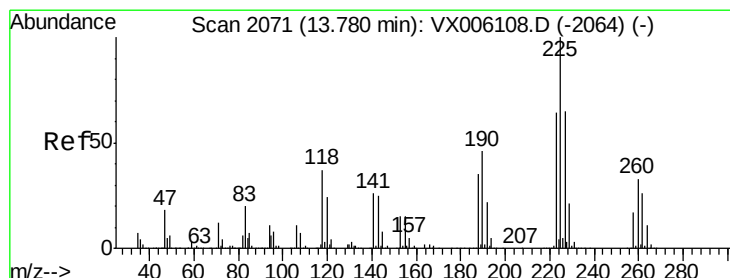
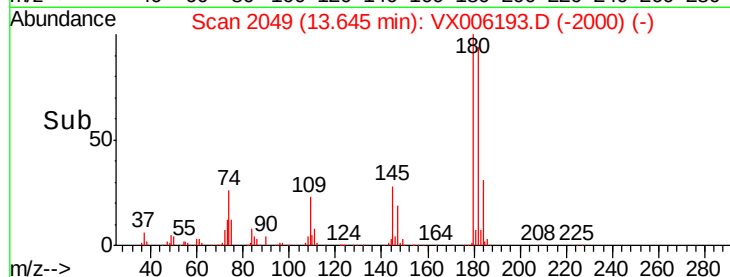
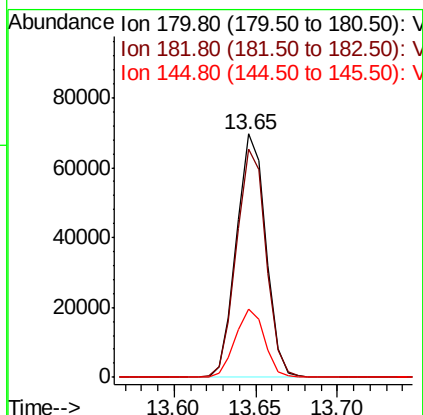
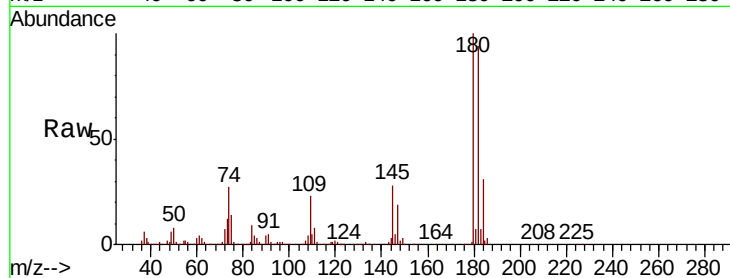




#93
 1,2,4-Trichlorobenzene
 Concen: 19.269 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

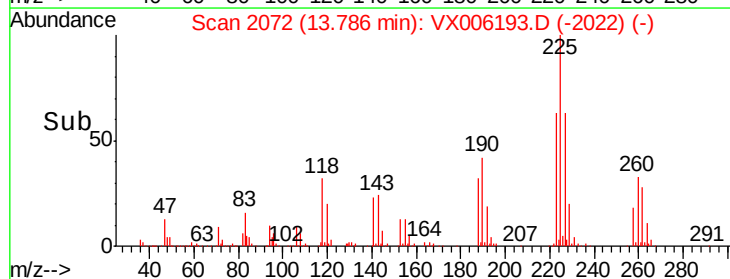
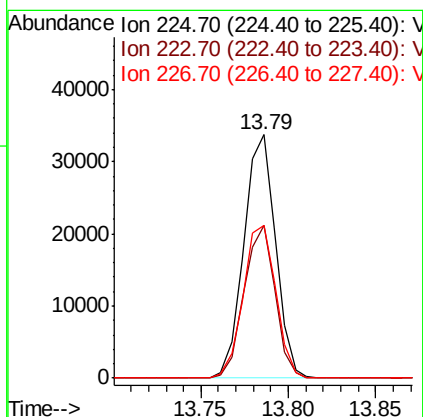
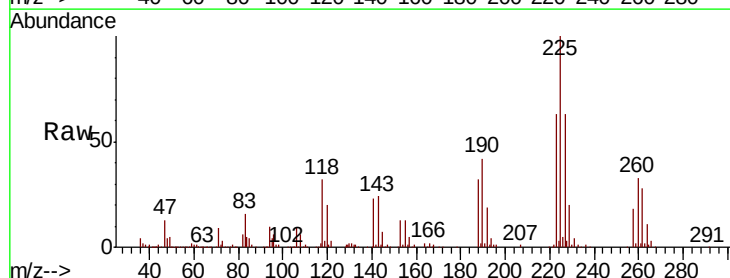
Instrument :
 MSVOA_X
 ClientSampleId :

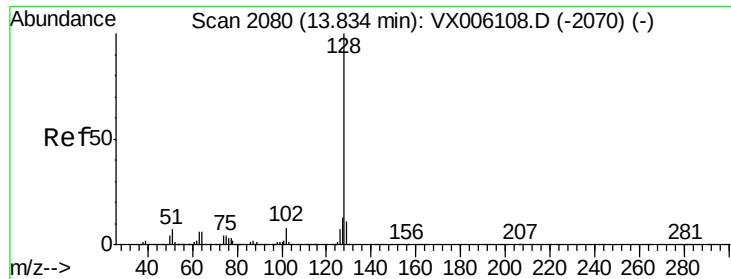
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.2	144.6
145	27.8	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.174 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006193.D
 Acq: 27 Nov 2018 00:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.2	93.6
227	64.6	32.4	97.2

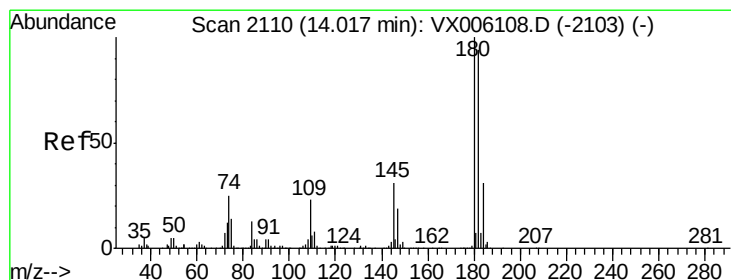
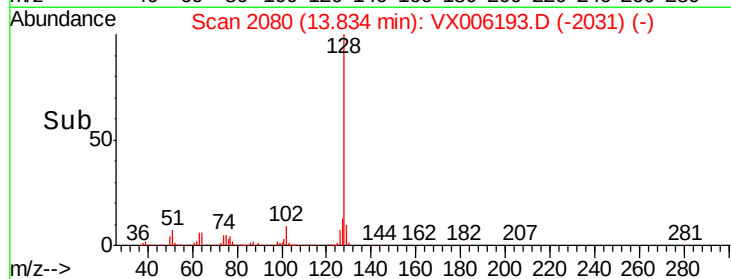
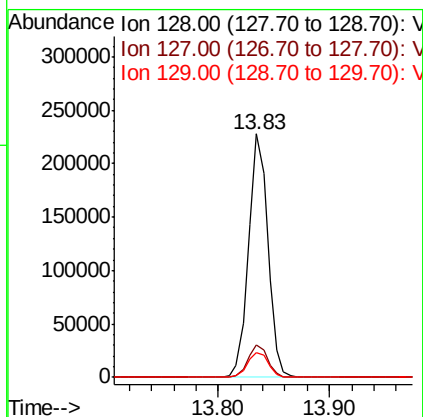
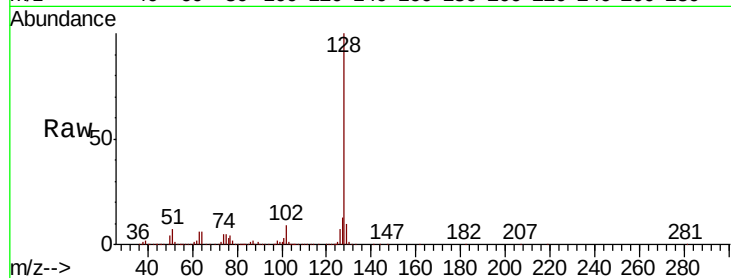




#95
Naphthalene
Concen: 20.533 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 274477
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.952 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006193.D
Acq: 27 Nov 2018 00:04

Tgt Ion:180 Resp: 92465
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 29.8 15.0 45.0

