

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006770.D
 Acq On : 22 Dec 2018 14:23
 Operator : JC/MD
 Sample : VX1222WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 04:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	549780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	841964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387422	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	300260	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	264975	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1002131	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	360607	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	91239	18.141	ug/l	99
3) Chloromethane	1.33	50	97722	18.035	ug/l	97
4) Vinyl Chloride	1.41	62	106530	18.824	ug/l	99
5) Bromomethane	1.64	94	106097	18.898	ug/l	100
6) Chloroethane	1.72	64	68041	17.364	ug/l	97
7) Trichlorofluoromethane	1.93	101	171562	19.445	ug/l	94
8) Diethyl Ether	2.19	74	67877	19.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100668	19.432	ug/l	99
10) Methyl Iodide	2.51	142	139708	18.840	ug/l	99
11) Tert butyl alcohol	3.07	59	132792	100.420	ug/l	99
12) 1,1-Dichloroethene	2.38	96	91856	18.700	ug/l	95
13) Acrolein	2.29	56	87070	97.604	ug/l	99
14) Allyl chloride	2.73	41	155358	18.790	ug/l	98
15) Acrylonitrile	3.15	53	303561	103.391	ug/l	99
16) Acetone	2.45	43	250059	91.857	ug/l	99
17) Carbon Disulfide	2.57	76	196094	15.085	ug/l	100
18) Methyl Acetate	2.78	43	176195	22.011	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	331948	20.361	ug/l	99
20) Methylene Chloride	2.86	84	108593	19.291	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	100274	18.424	ug/l	97
22) Diisopropyl ether	3.87	45	304430	20.126	ug/l	98
23) Vinyl Acetate	3.82	43	1205119	97.400	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169546	18.776	ug/l	99
25) 2-Butanone	4.70	43	387191	101.115	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108251	15.520	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	117787	19.615	ug/l	98
28) Bromochloromethane	5.02	49	81635	20.348	ug/l	99
29) Tetrahydrofuran	5.15	42	261653	103.747	ug/l	99
30) Chloroform	5.21	83	183541	19.629	ug/l	96
31) Cyclohexane	5.57	56	152371	18.574	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	147330	18.660	ug/l	98
36) 1,1-Dichloropropene	5.80	75	133086	19.085	ug/l	99
37) Ethyl Acetate	4.85	43	146827	20.230	ug/l	99
38) Carbon Tetrachloride	5.78	117	121016	17.857	ug/l	95

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Dec 24 04:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169277	18.438	ug/l	98
40) Benzene	6.14	78	418043	19.722	ug/l	97
41) Methacrylonitrile	5.06	41	81876	21.248	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141148	19.542	ug/l	99
43) Isopropyl Acetate	6.46	43	218744	19.808	ug/l	100
44) Trichloroethene	7.21	130	118832	18.522	ug/l	94
45) 1,2-Dichloropropane	7.52	63	104795	20.316	ug/l	96
46) Dibromomethane	7.66	93	73088	19.263	ug/l	99
47) Bromodichloromethane	7.90	83	116839	18.548	ug/l	99
48) Methyl methacrylate	7.77	41	116986	20.831	ug/l	98
49) 1,4-Dioxane	7.75	88	59658	393.962	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	750770	106.847	ug/l	99
52) Toluene	8.79	92	271881	19.854	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116159	17.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	134589	18.156	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115092	20.533	ug/l	98
56) Ethyl methacrylate	9.18	69	158855	20.052	ug/l	98
57) 1,3-Dichloropropane	9.37	76	179191	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421656	100.127	ug/l	100
59) 2-Hexanone	9.49	43	566476	105.368	ug/l	99
60) Dibromochloromethane	9.59	129	95003	17.776	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117641	19.743	ug/l	99
64) Tetrachloroethene	9.34	164	117000	19.322	ug/l	98
65) Chlorobenzene	10.14	112	317169	19.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98600	19.535	ug/l	99
67) Ethyl Benzene	10.25	91	516655	19.544	ug/l	99
68) m/p-Xylenes	10.36	106	403929	38.723	ug/l	99
69) o-Xylene	10.70	106	201346	19.547	ug/l	98
70) Styrene	10.71	104	319019	19.576	ug/l	99
71) Bromoform	10.85	173	65204	17.504	ug/l #	98
73) Isopropylbenzene	11.02	105	532187	20.079	ug/l	99
74) N-amyl acetate	10.90	43	200930	21.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168211	21.340	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	165996	23.055	ug/l	94
77) Bromobenzene	11.26	156	141999	19.817	ug/l	99
78) n-propylbenzene	11.36	91	584438	20.024	ug/l	100
79) 2-Chlorotoluene	11.42	91	346769	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	442183	20.255	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31066	16.252	ug/l #	80
82) 4-Chlorotoluene	11.51	91	396938	19.565	ug/l	99
83) tert-Butylbenzene	11.77	119	433299	19.831	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441487	19.227	ug/l	100
85) sec-Butylbenzene	11.94	105	530643	19.809	ug/l	99
86) p-Isopropyltoluene	12.07	119	466779	19.823	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	252643	19.563	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	250261	18.904	ug/l	97
89) n-Butylbenzene	12.39	91	391653	19.543	ug/l	98
90) Hexachloroethane	12.60	117	58419	18.101	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	250906	19.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28809	17.664	ug/l	97

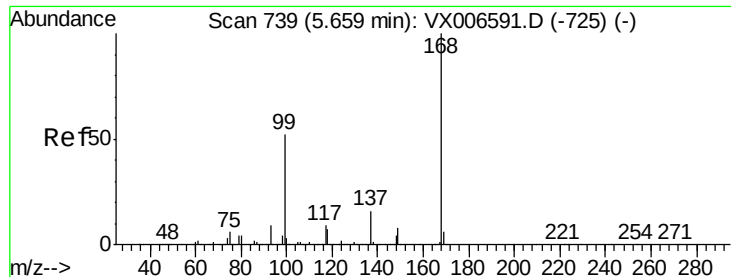
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169397	19.010	ug/l	99
94) Hexachlorobutadiene	13.78	225	77705	18.500	ug/l	97
95) Naphthalene	13.83	128	545155	19.168	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	175073	19.028	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

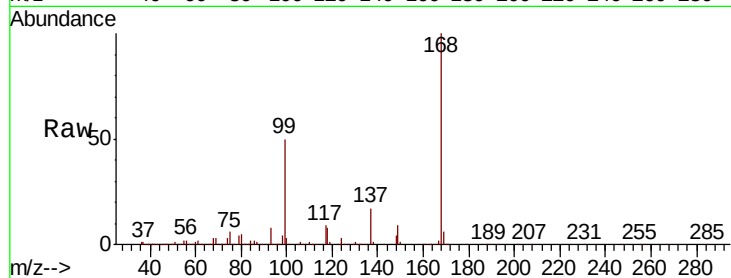
ClientSampled :

Tot Ion:168 Resp: 549780

Ion Ratio Lower Upper

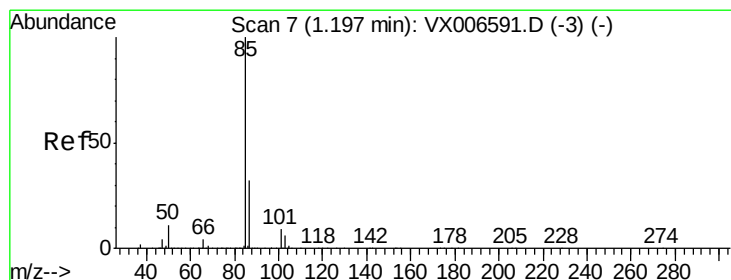
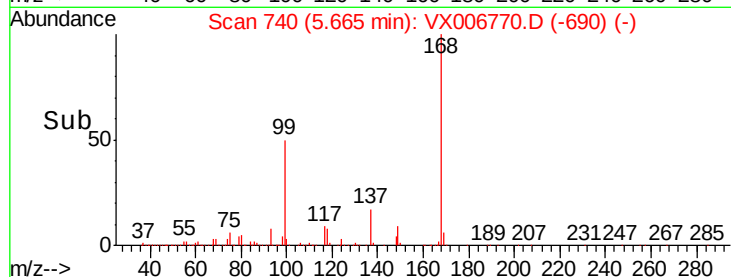
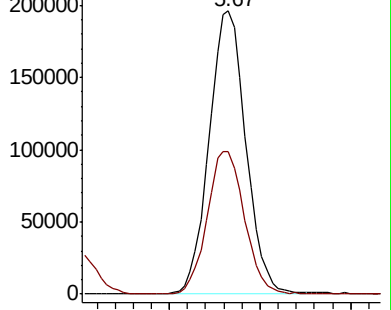
168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.141 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006770.D

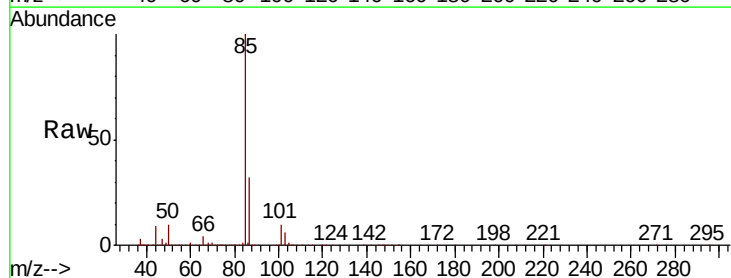
Acq: 22 Dec 2018 14:23

Tgt Ion: 85 Resp: 91239

Ion Ratio Lower Upper

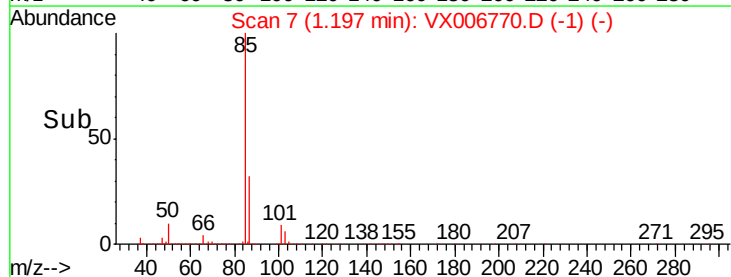
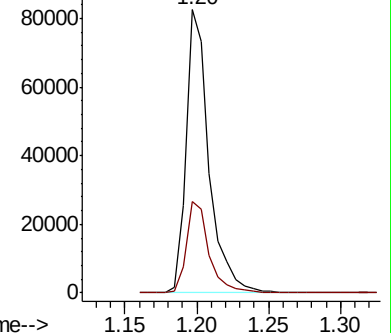
85 100

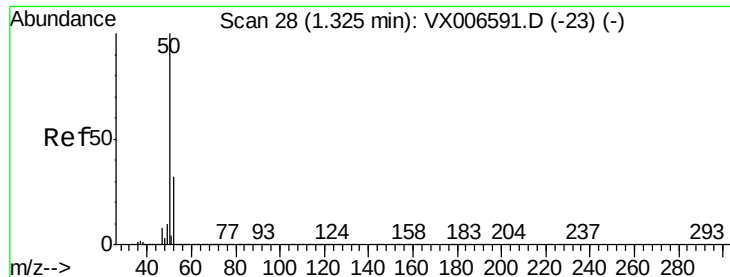
87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.035 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

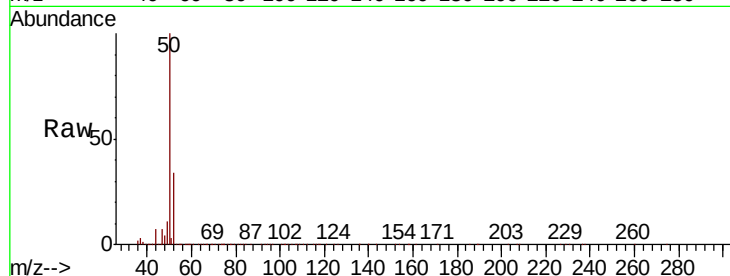
ClientSampleId :

Tot Ion: 50 Resp: 97722

Ion Ratio Lower Upper

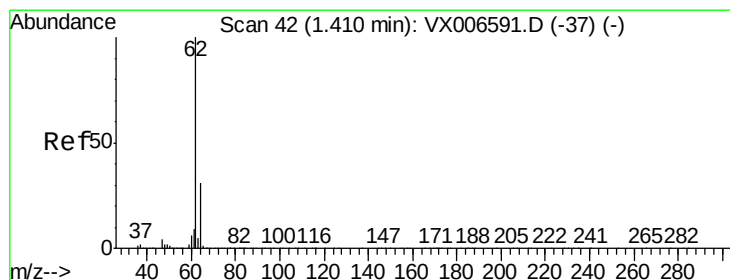
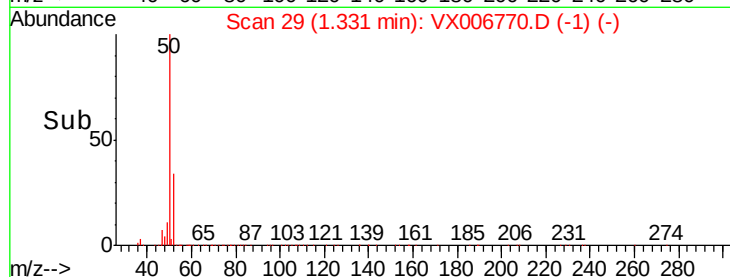
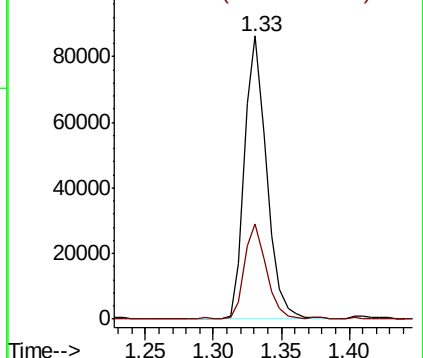
50 100

52 33.6 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX006770.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VX006770.D (-1) (-)



#4

Vinyl Chloride

Concen: 18.824 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006770.D

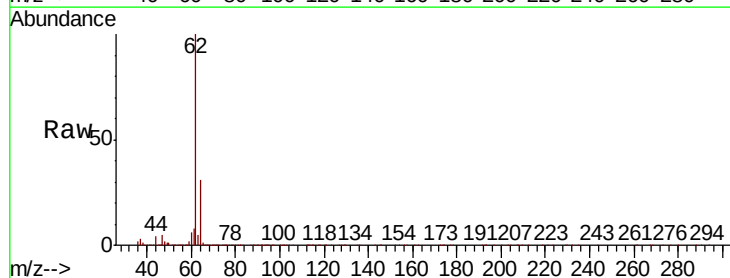
Acq: 22 Dec 2018 14:23

Tgt Ion: 62 Resp: 106530

Ion Ratio Lower Upper

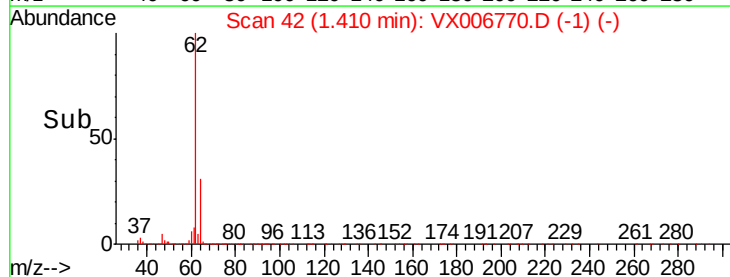
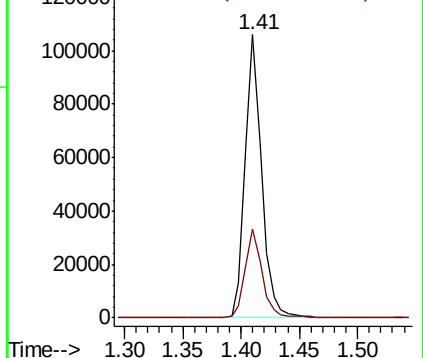
62 100

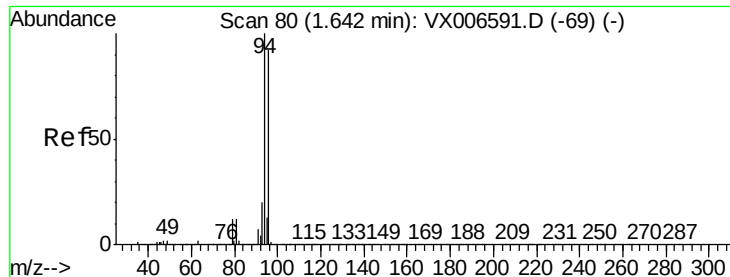
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX006770.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VX006770.D (-1) (-)





#5

Bromomethane

Concen: 18.898 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

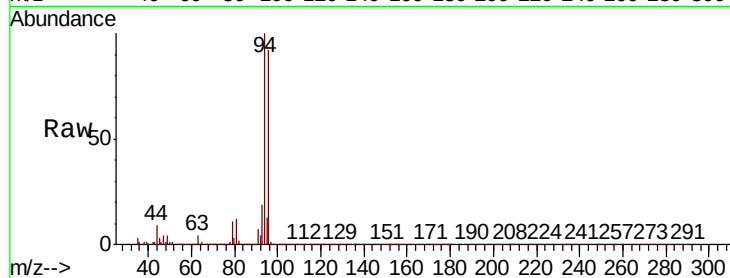
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 106097

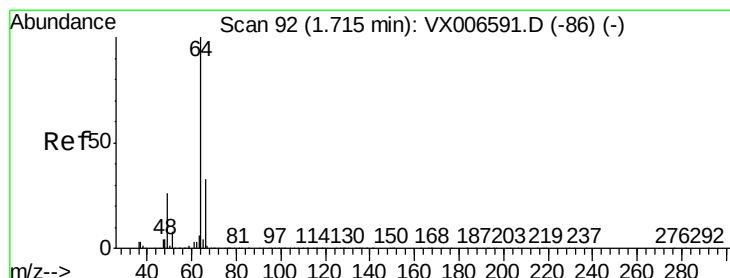
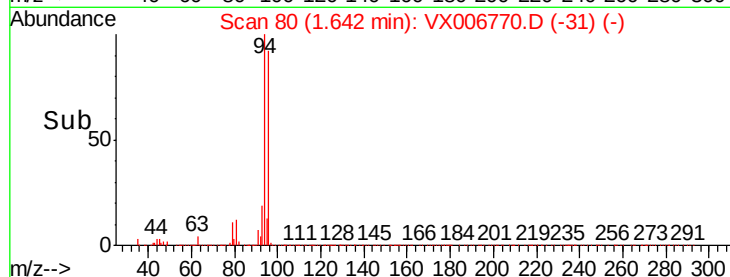
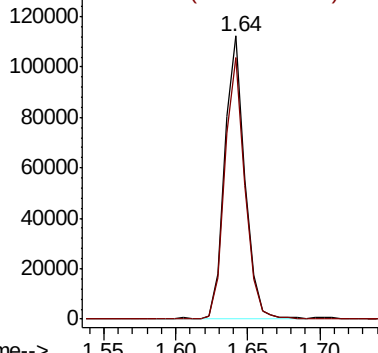
Ion Ratio Lower Upper

94 100

96 92.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.364 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006770.D

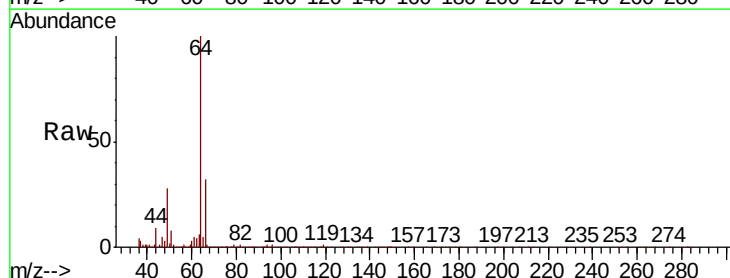
Acq: 22 Dec 2018 14:23

Tgt Ion: 64 Resp: 68041

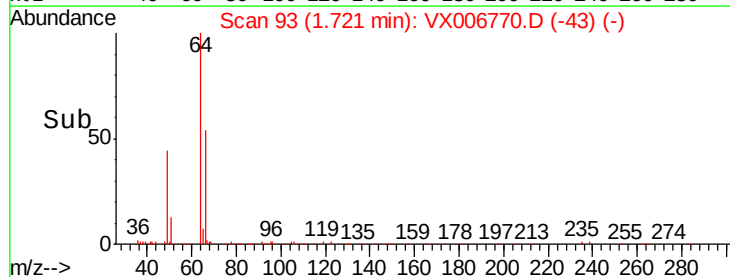
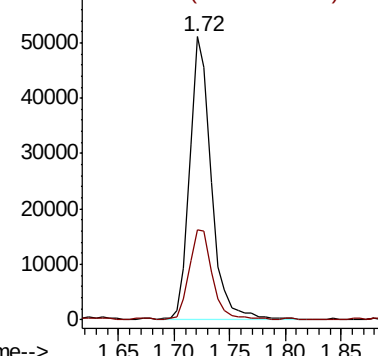
Ion Ratio Lower Upper

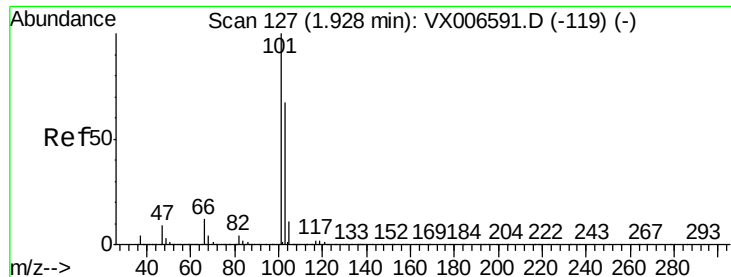
64 100

66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



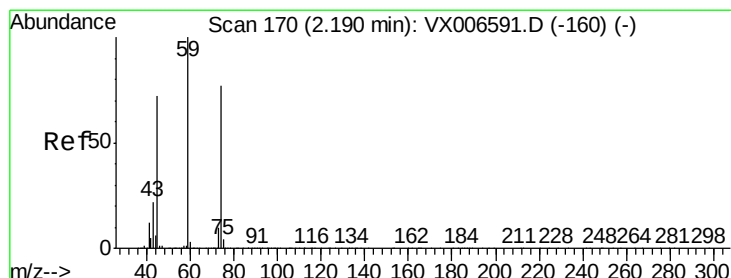
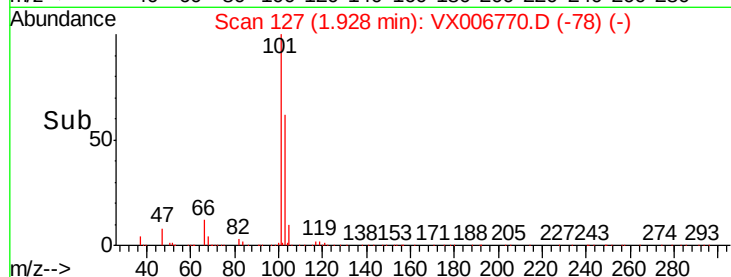
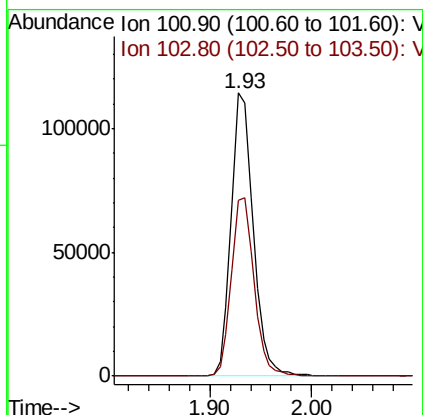
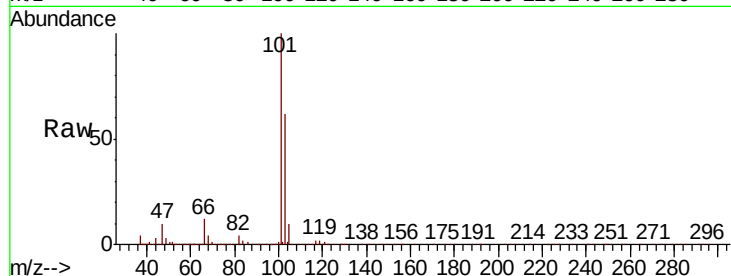


#7

Trichlorofluoromethane
Concen: 19.445 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampled :

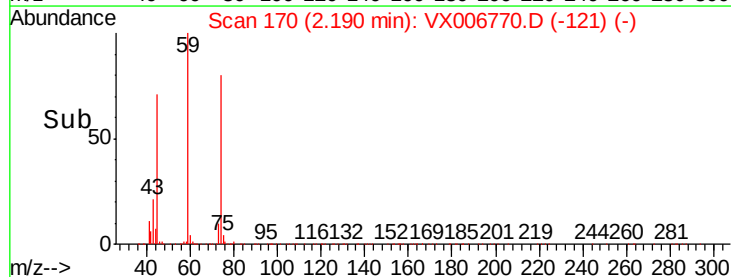
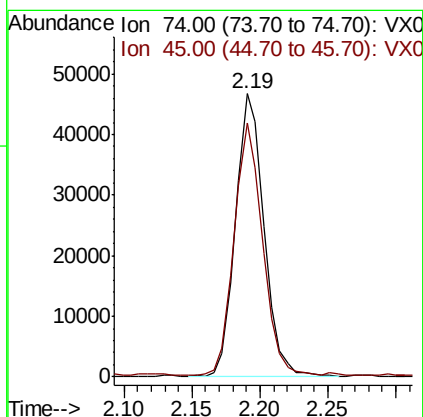
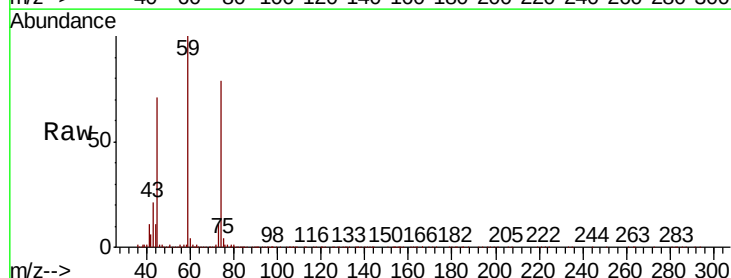
Tot Ion:101 Resp: 171562
Ion Ratio Lower Upper
101 100
103 62.1 53.2 79.8

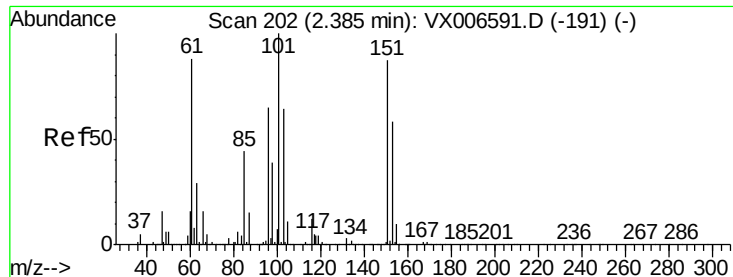


#8

Diethyl Ether
Concen: 19.369 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 74 Resp: 67877
Ion Ratio Lower Upper
74 100
45 89.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.432 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

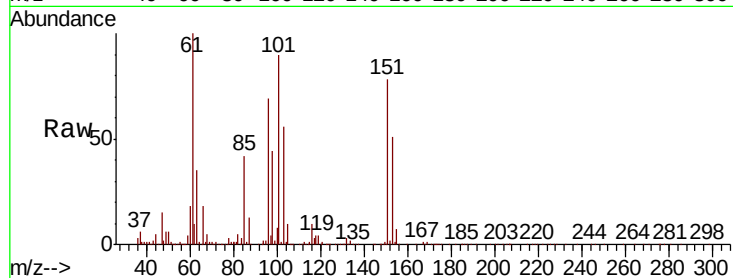
Tot Ion:101 Resp: 100668

Ion Ratio Lower Upper

101 100

85 44.9 35.1 52.7

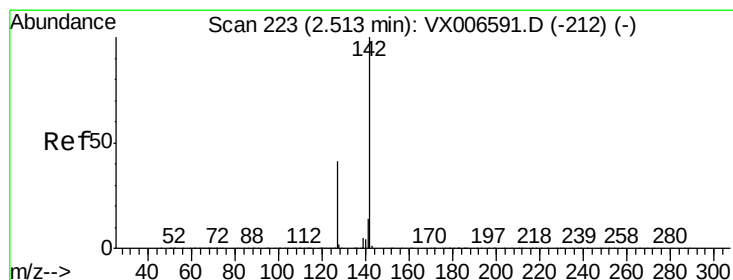
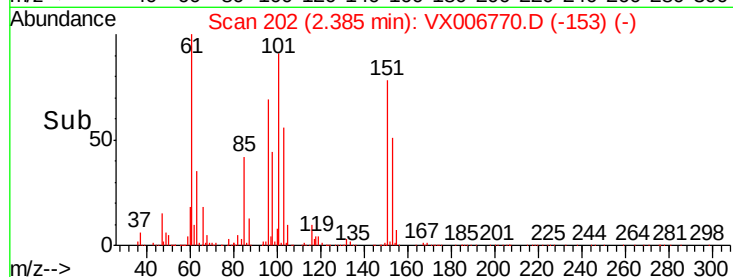
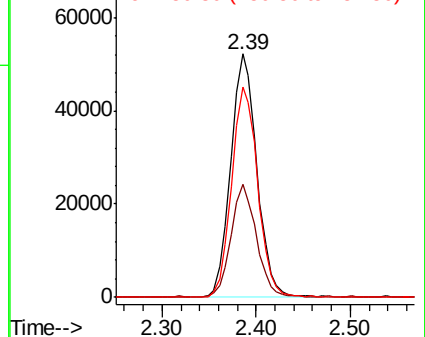
151 86.2 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.840 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

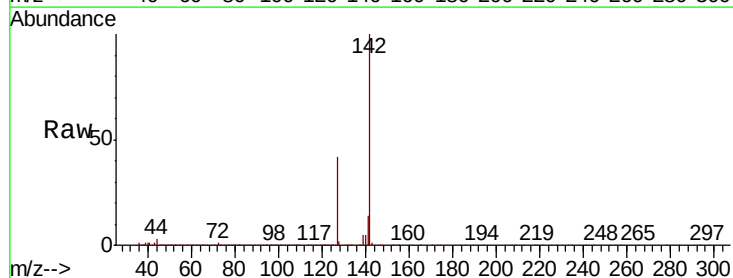
Tgt Ion:142 Resp: 139708

Ion Ratio Lower Upper

142 100

127 43.1 33.9 50.9

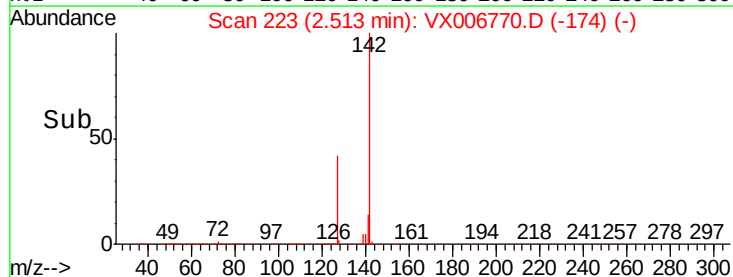
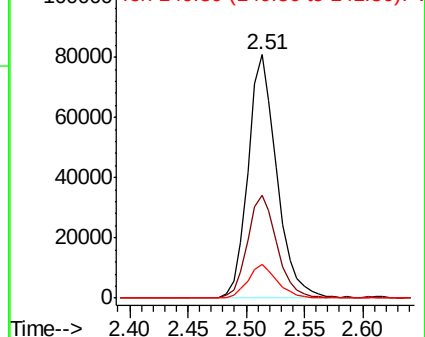
141 14.0 11.4 17.0

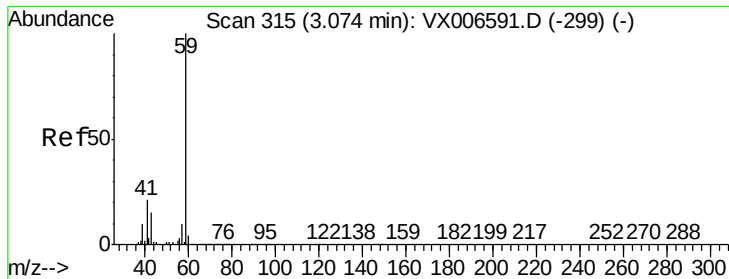


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

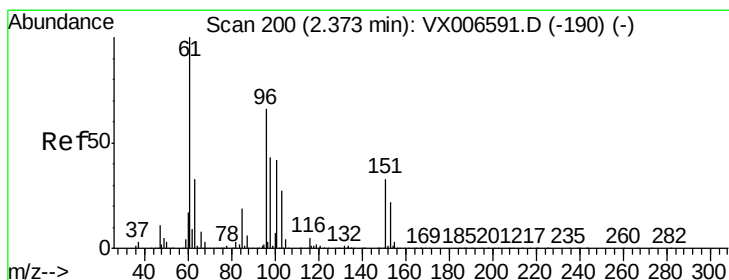
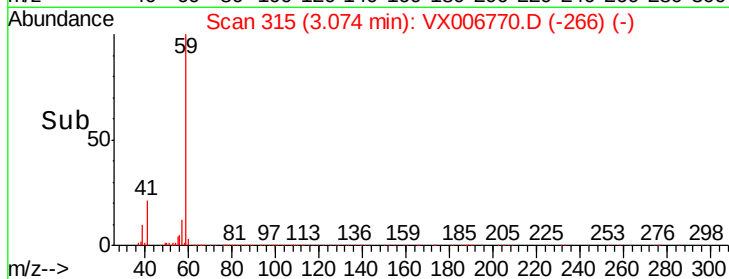
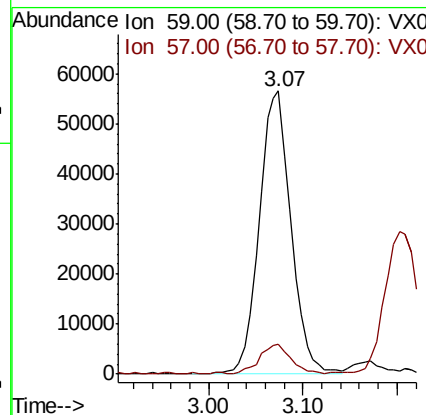
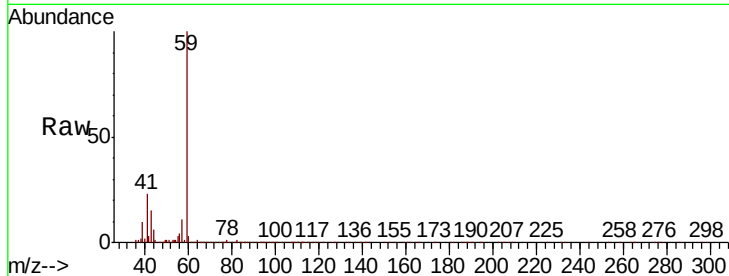




#11
Tert butyl alcohol
Concen: 100.420 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

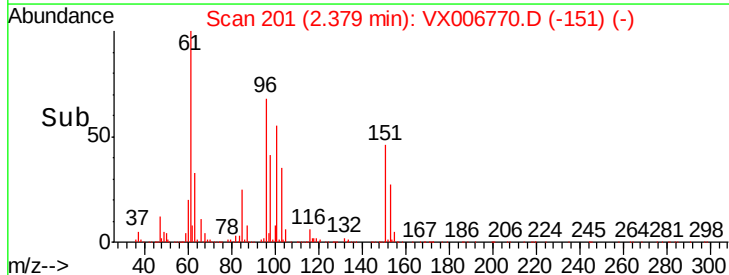
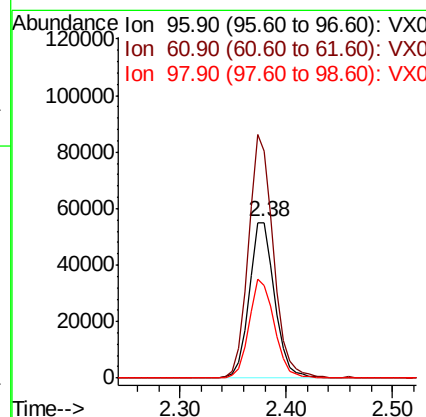
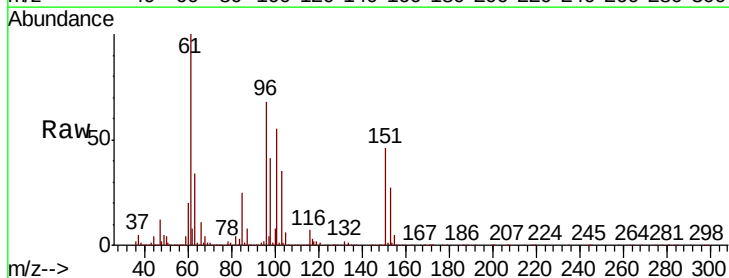
Instrument :
MSVOA_X
ClientSampleId :

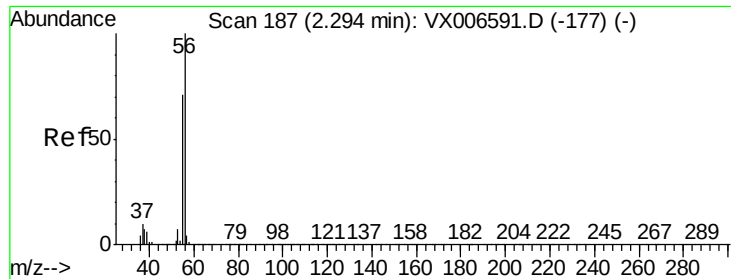
Tot Ion: 59 Resp: 132792
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.700 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 96 Resp: 91856
Ion Ratio Lower Upper
96 100
61 146.1 121.4 182.2
98 59.6 51.9 77.9

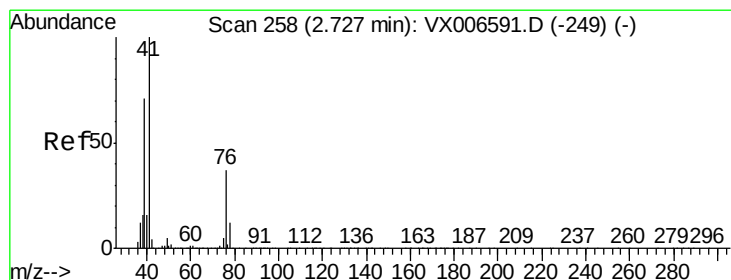
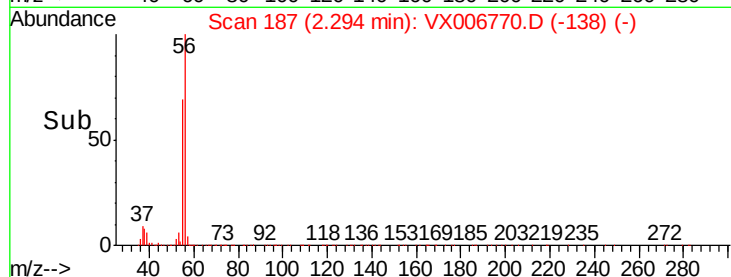
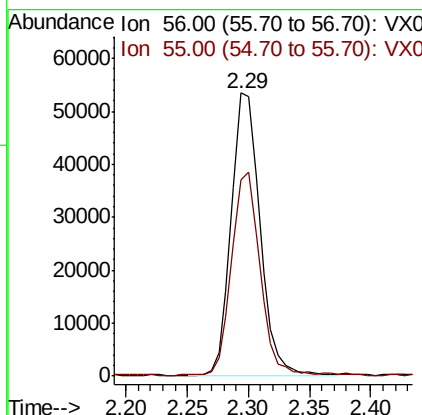
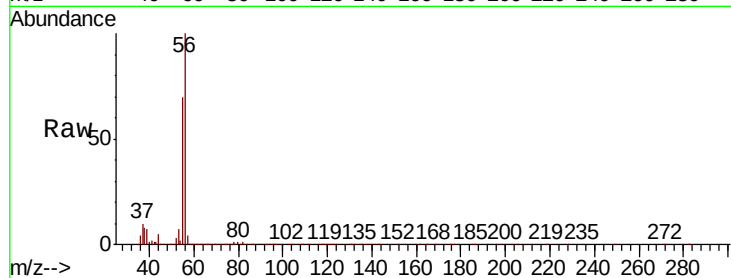




#13
Acrolein
Concen: 97.604 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

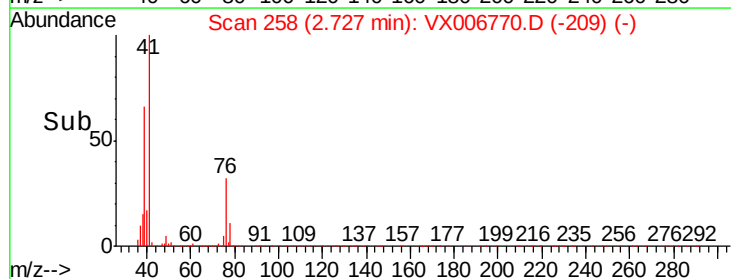
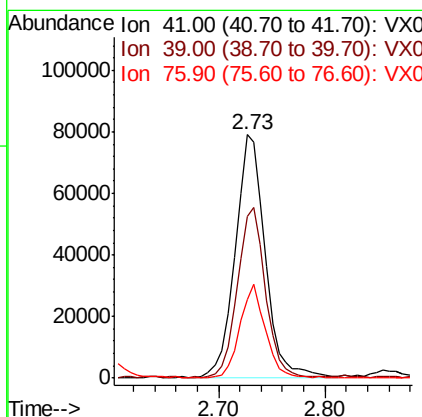
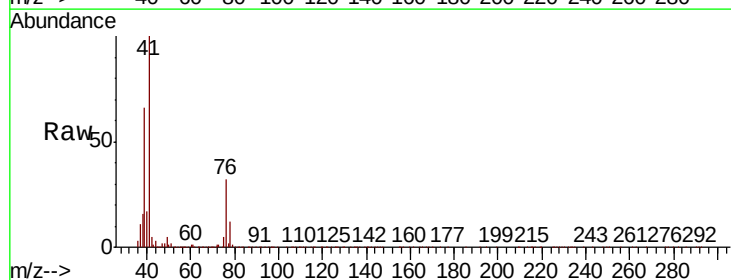
Instrument :
MSVOA_X
ClientSampleId :

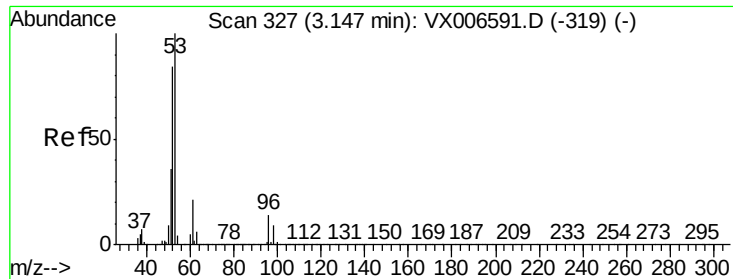
Tot Ion: 56 Resp: 87070
Ion Ratio Lower Upper
56 100
55 72.1 58.2 87.4



#14
Allyl chloride
Concen: 18.790 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 41 Resp: 155358
Ion Ratio Lower Upper
41 100
39 65.0 53.6 80.4
76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 103.391 ug/l

RT: 3.15 min Scan# 327

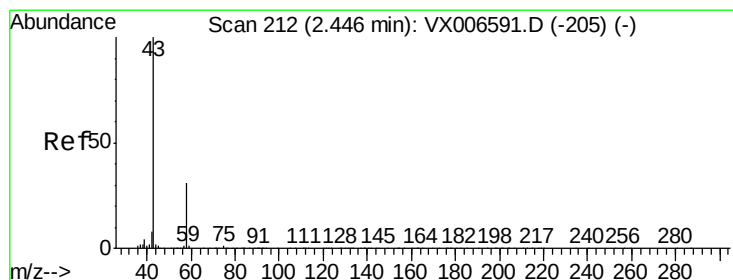
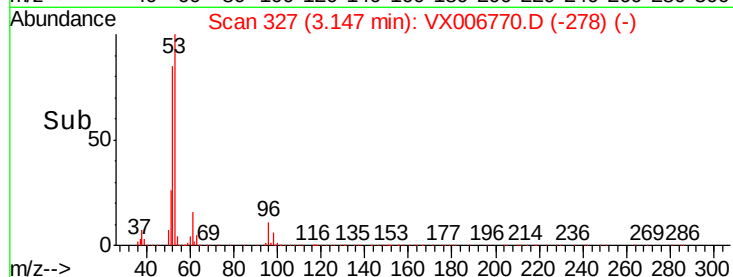
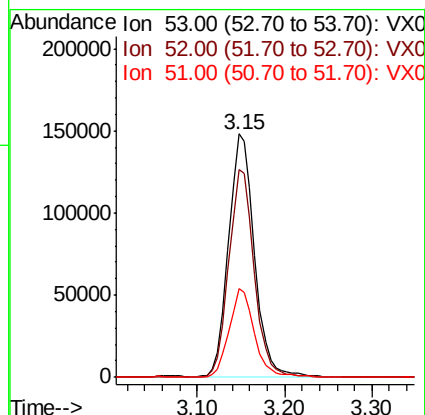
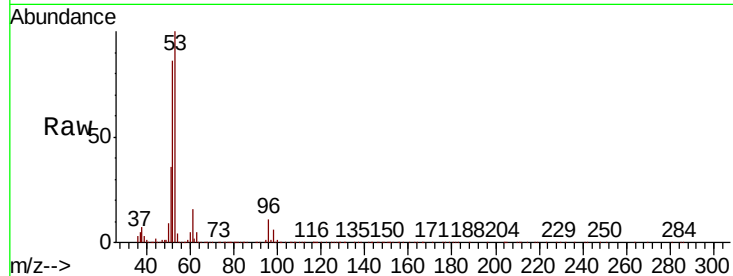
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	303561
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.0	99.0
51	35.6	28.6	42.8



#16

Acetone

Concen: 91.857 ug/l

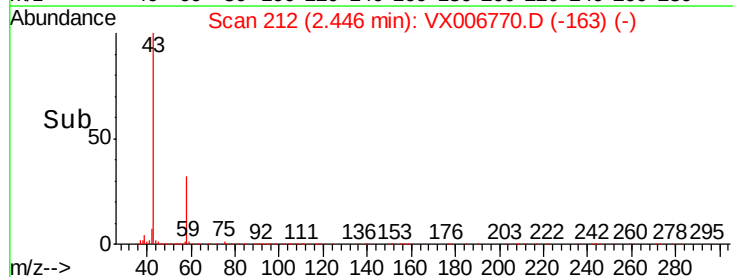
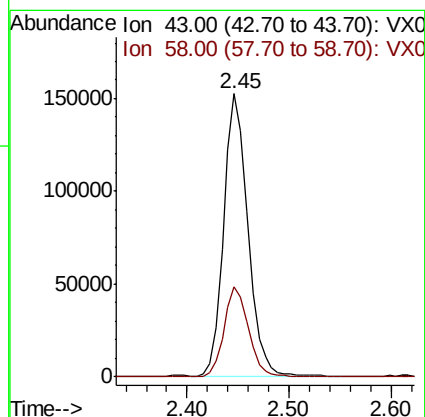
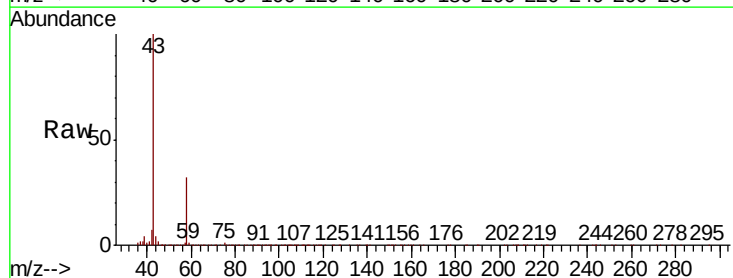
RT: 2.45 min Scan# 212

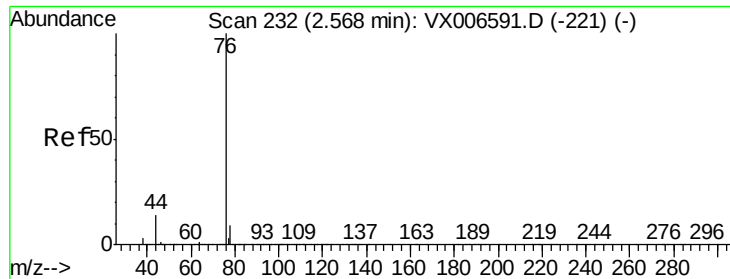
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Tgt Ion:	43	Resp:	250059
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.0	37.6





#17

Carbon Disulfide

Concen: 15.085 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

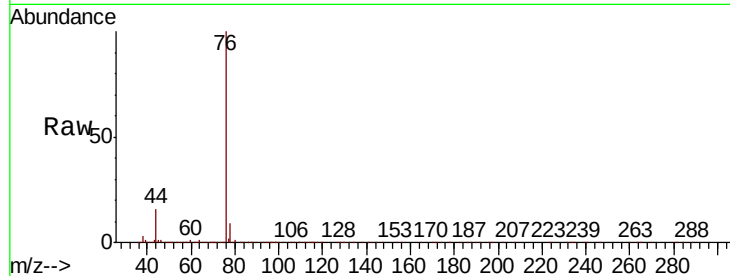
ClientSampleId :

Tot Ion: 76 Resp: 196094

Ion Ratio Lower Upper

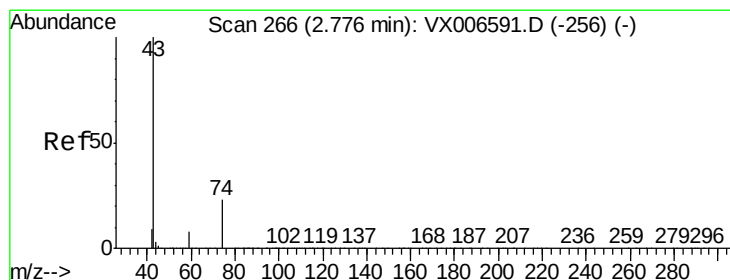
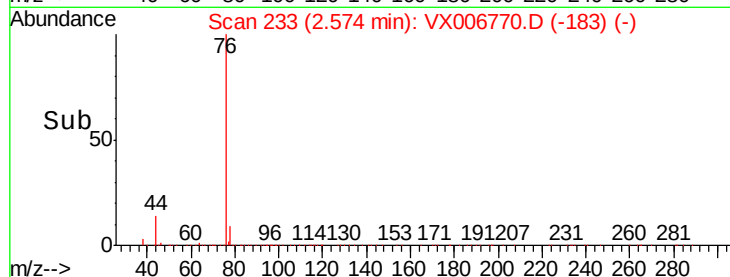
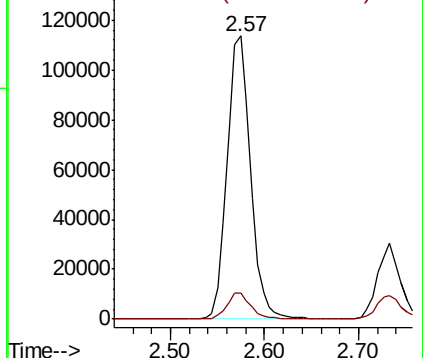
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.011 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006770.D

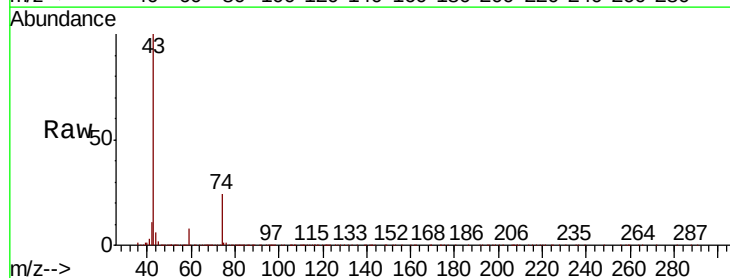
Acq: 22 Dec 2018 14:23

Tgt Ion: 43 Resp: 176195

Ion Ratio Lower Upper

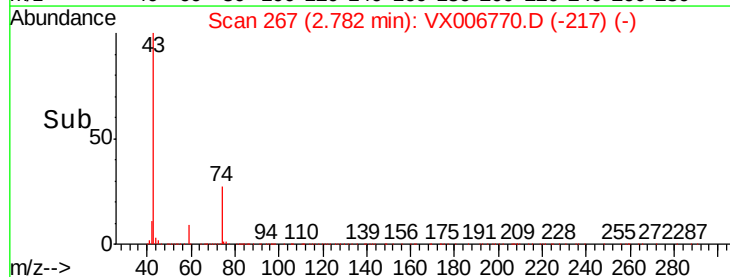
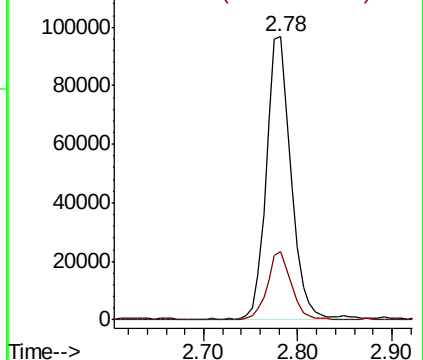
43 100

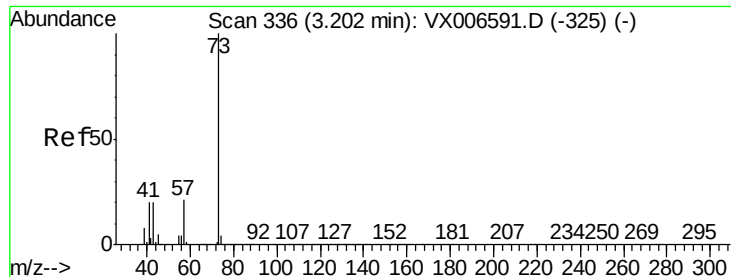
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



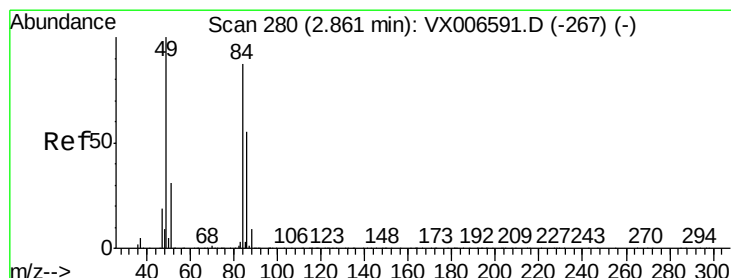
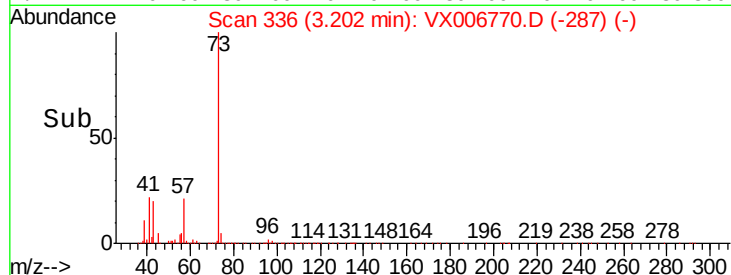
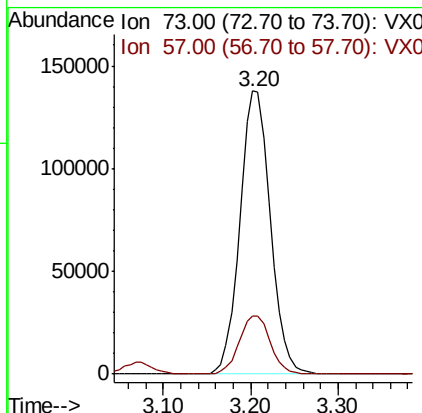
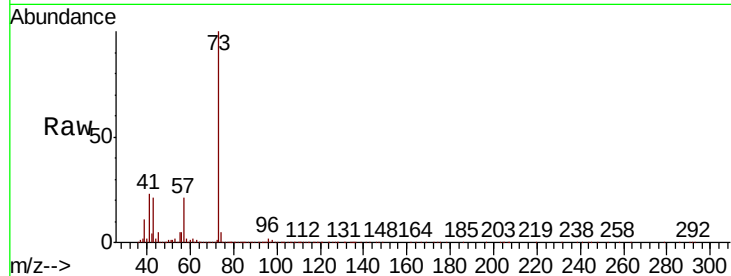


#19

Methyl tert-butyl Ether
 Concen: 20.361 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Instrument :
 MSVOA_X
 ClientSampleId :

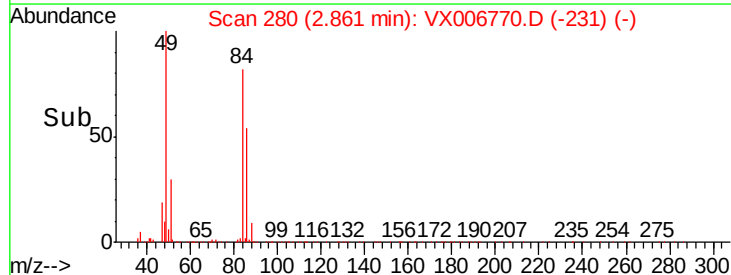
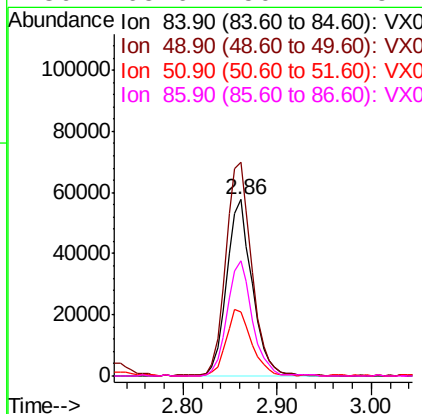
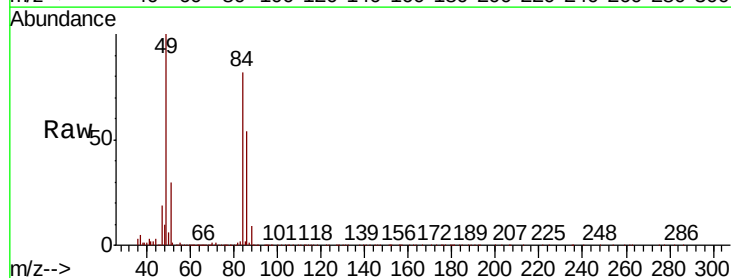
Tot Ion: 73 Resp: 331948
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.8 25.2

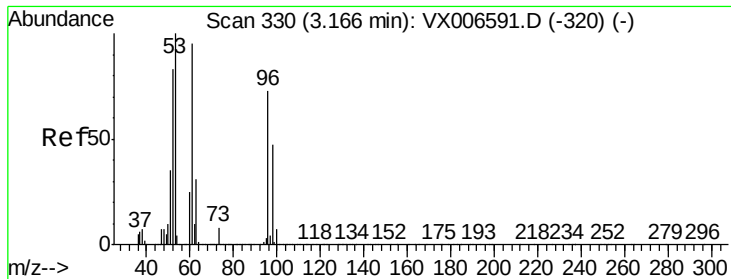


#20

Methylene Chloride
 Concen: 19.291 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion: 84 Resp: 108593
 Ion Ratio Lower Upper
 84 100
 49 121.2 91.8 137.6
 51 36.2 28.5 42.7
 86 65.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.424 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

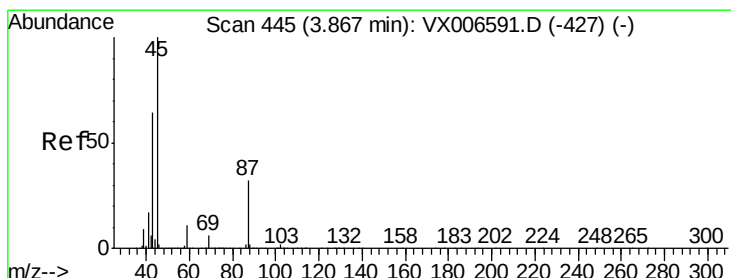
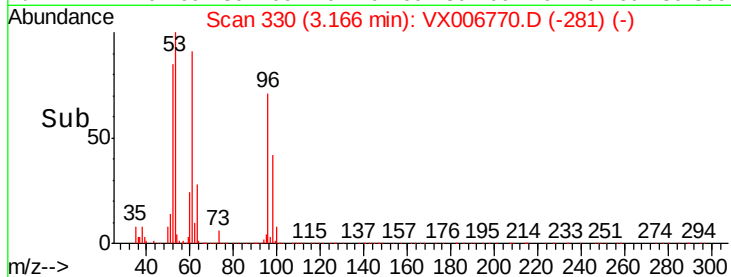
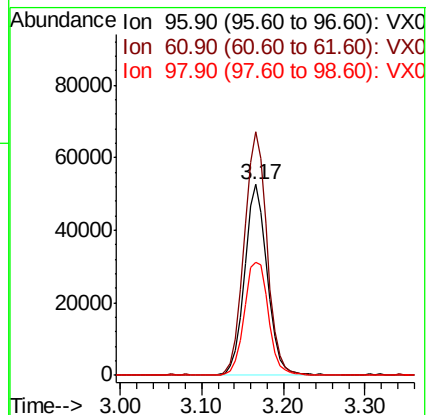
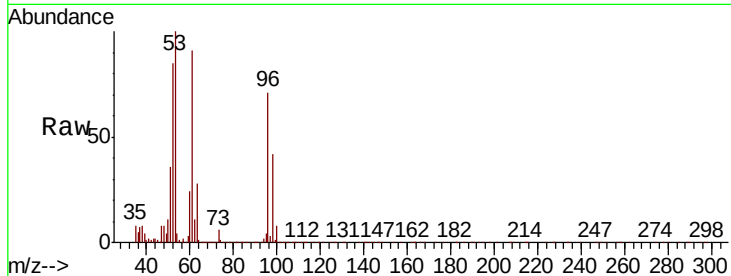
Tot Ion: 96 Resp: 100274

Ion Ratio Lower Upper

96 100

61 127.5 103.7 155.5

98 59.1 51.0 76.6



#22

Diisopropyl ether

Concen: 20.126 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Tgt Ion: 45 Resp: 304430

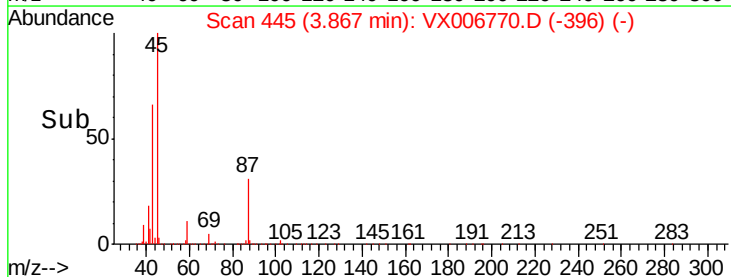
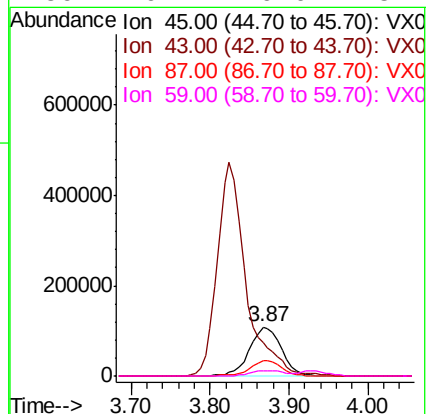
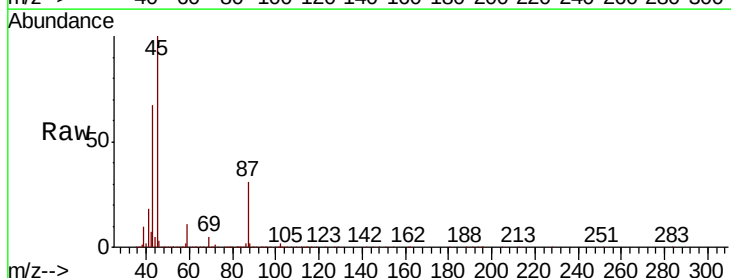
Ion Ratio Lower Upper

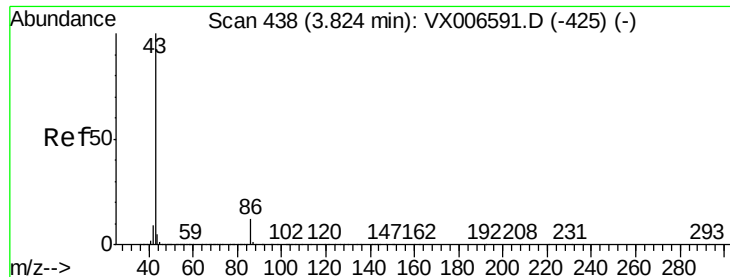
45 100

43 65.6 51.2 76.8

87 31.4 25.8 38.6

59 10.7 9.0 13.4





#23

Vinyl Acetate

Concen: 97.400 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

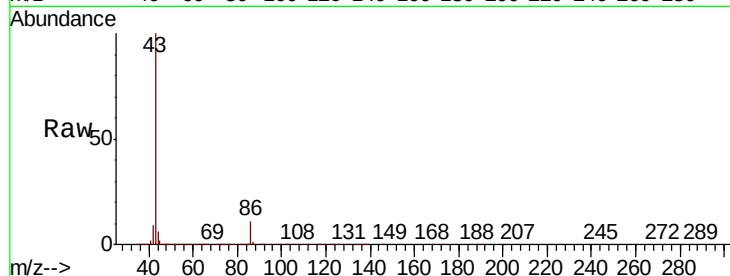
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1205119

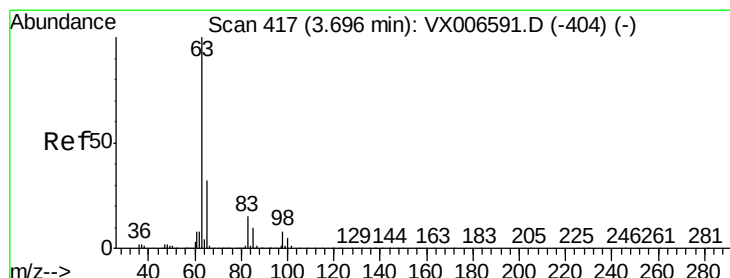
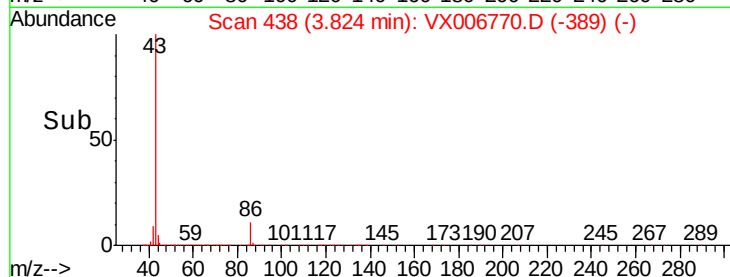
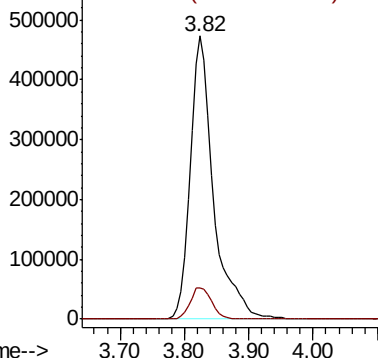
Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.776 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

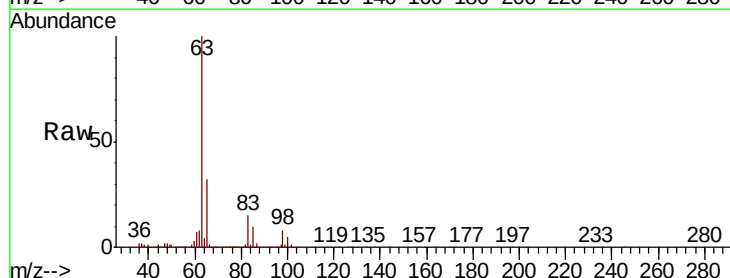
Tgt Ion: 63 Resp: 169546

Ion Ratio Lower Upper

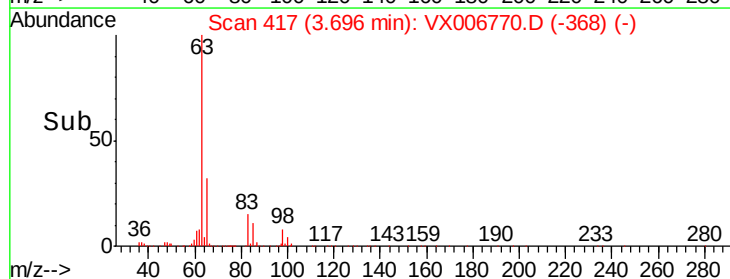
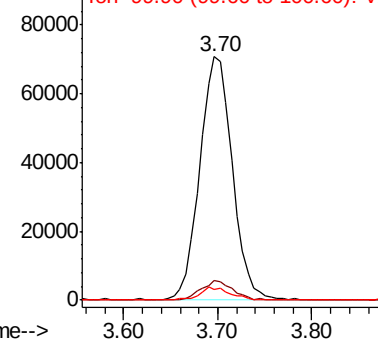
63 100

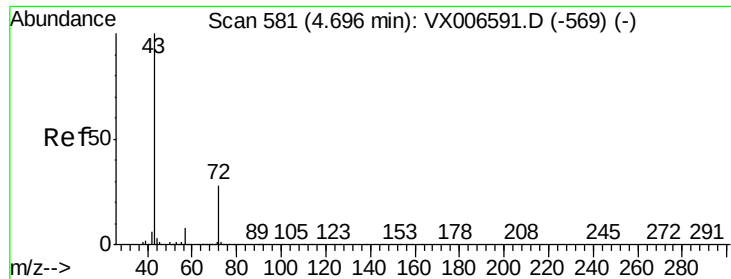
98 7.8 3.9 11.5

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.115 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

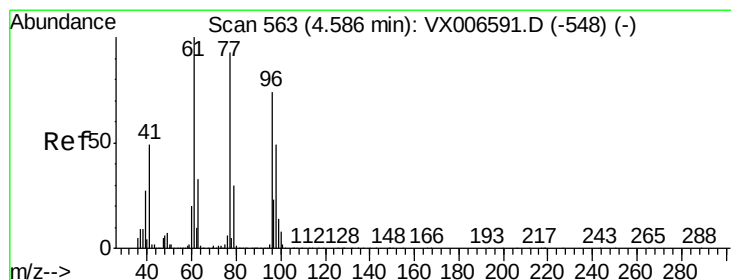
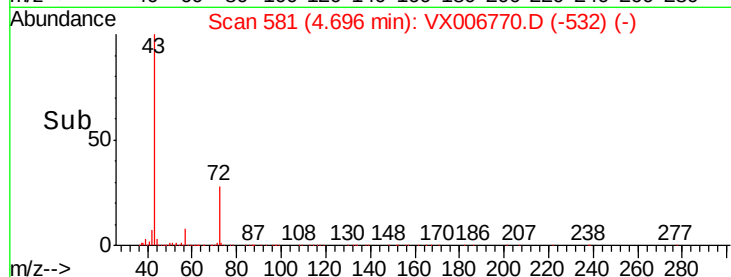
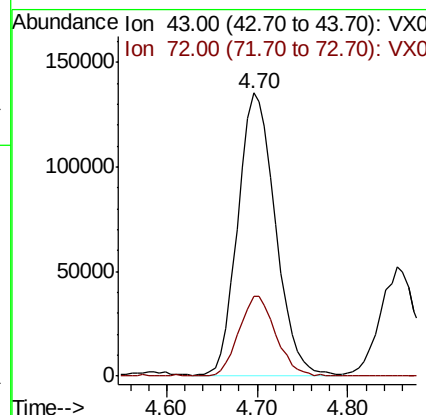
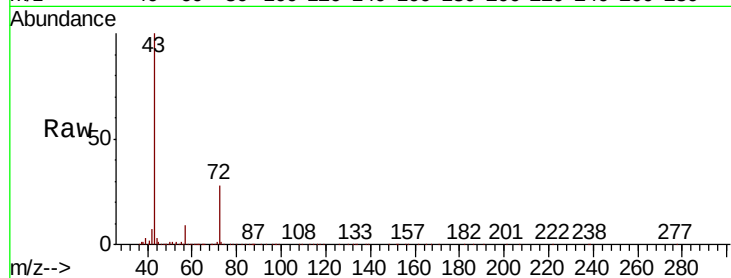
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 387191

Ion Ratio Lower Upper

43 100

72 28.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 15.520 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006770.D

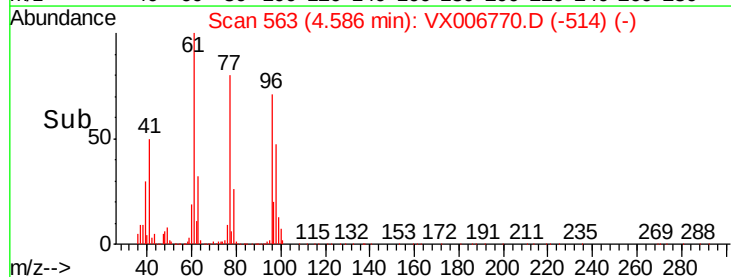
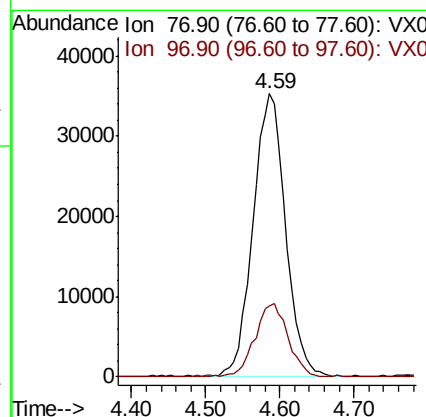
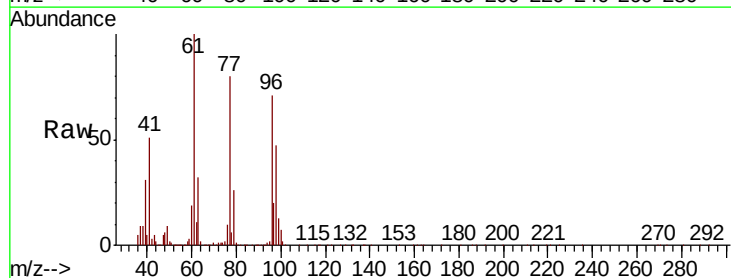
Acq: 22 Dec 2018 14:23

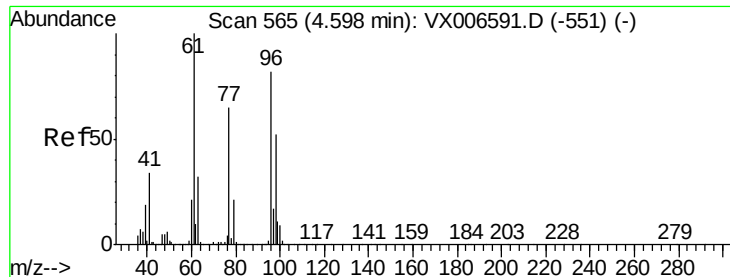
Tgt Ion: 77 Resp: 108251

Ion Ratio Lower Upper

77 100

97 26.4 12.4 37.4



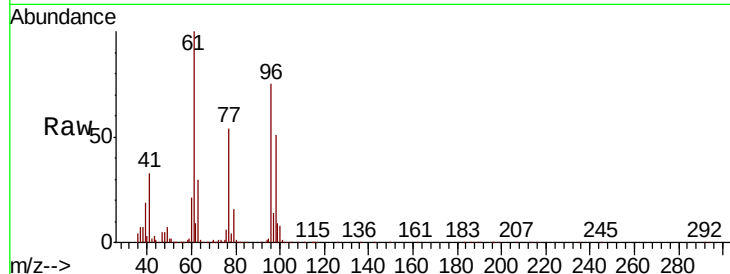


#27

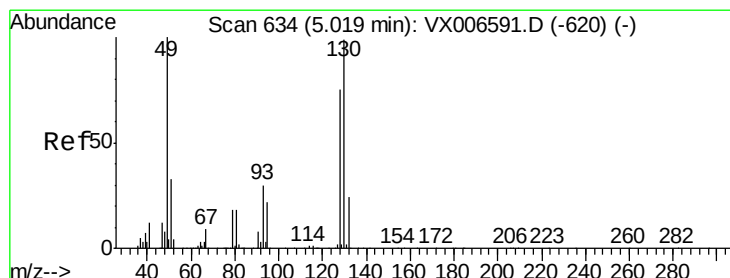
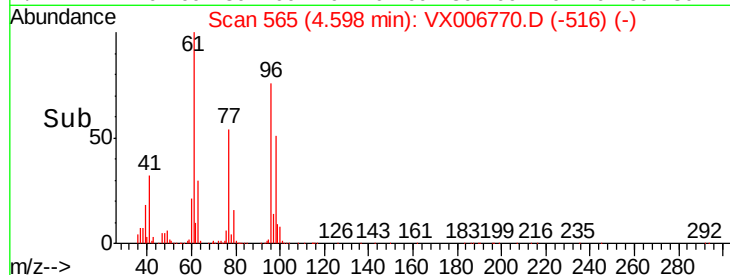
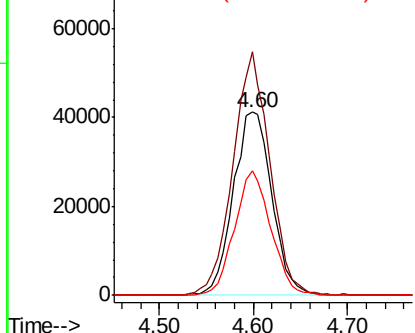
cis-1,2-Dichloroethene
Concen: 19.615 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	258.6
98	64.1	0.0	132.0



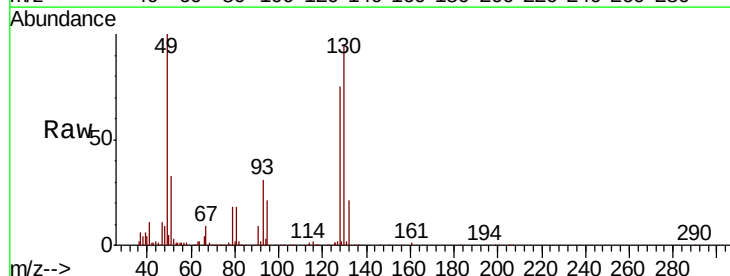
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



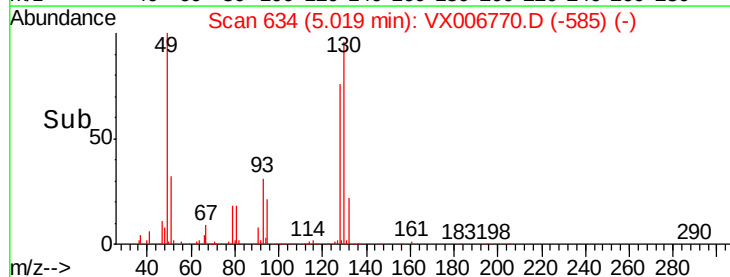
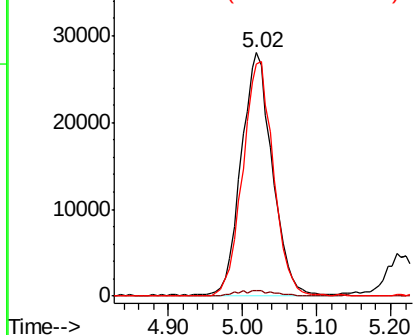
#28

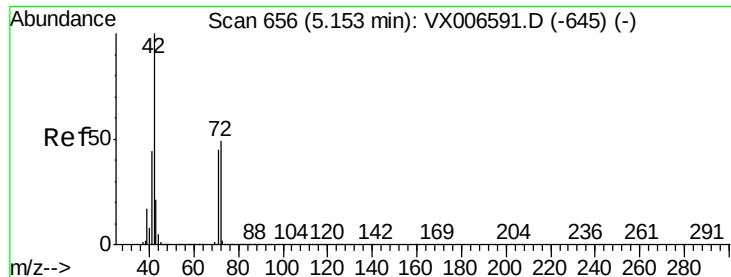
Bromochloromethane
Concen: 20.348 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	95.9	77.7	116.5



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





#29

Tetrahydrofuran

Concen: 103.747 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

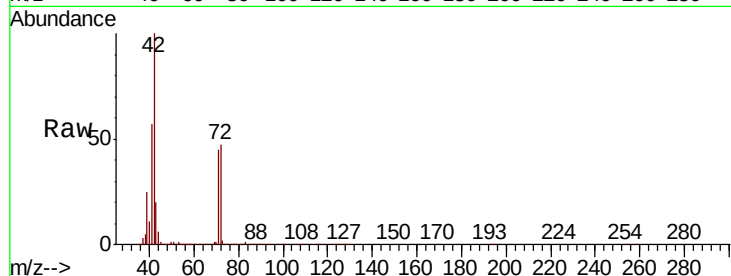
Tot Ion: 42 Resp: 261653

Ion Ratio Lower Upper

42 100

72 48.1 38.9 58.3

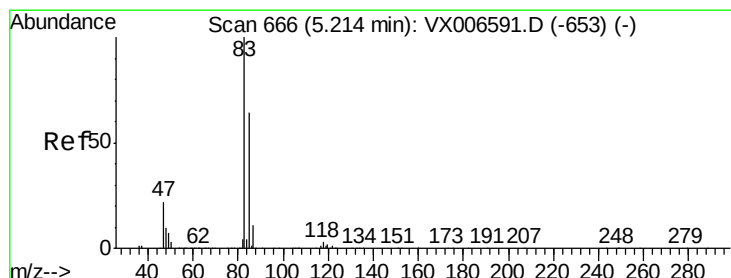
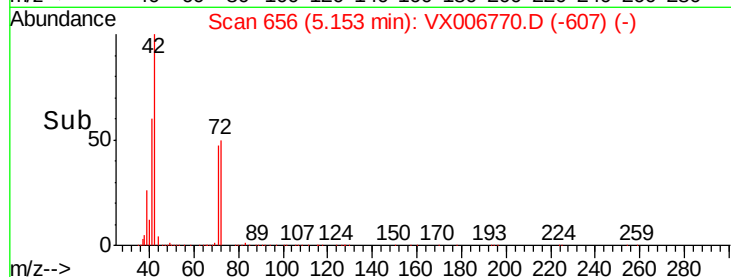
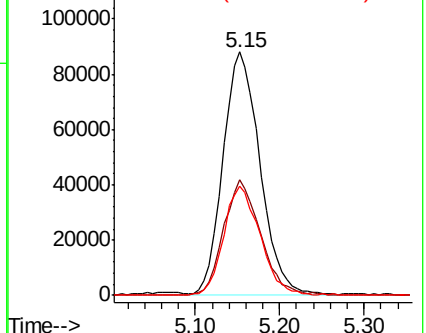
71 44.3 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.629 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006770.D

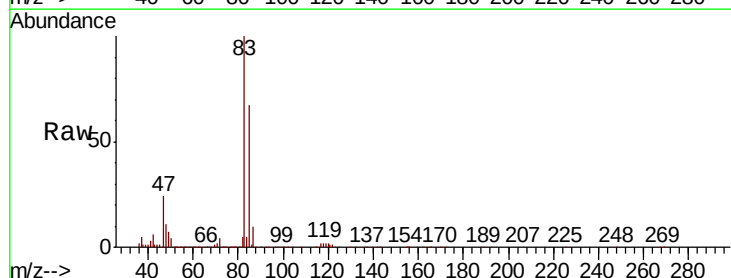
Acq: 22 Dec 2018 14:23

Tgt Ion: 83 Resp: 183541

Ion Ratio Lower Upper

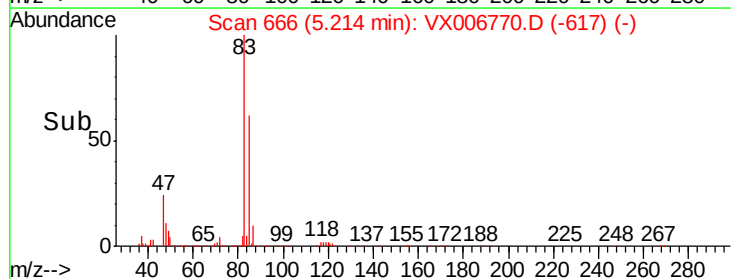
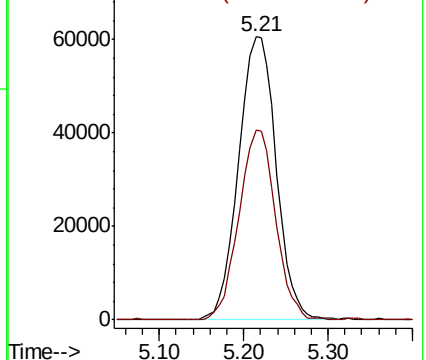
83 100

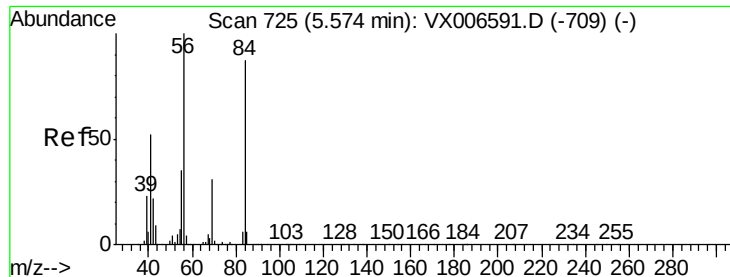
85 67.0 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

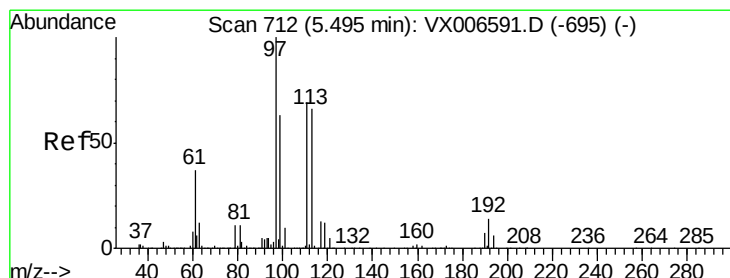
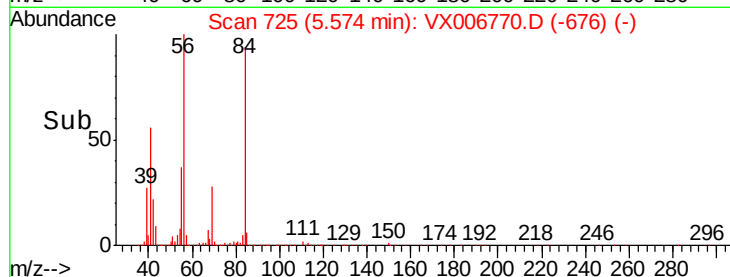
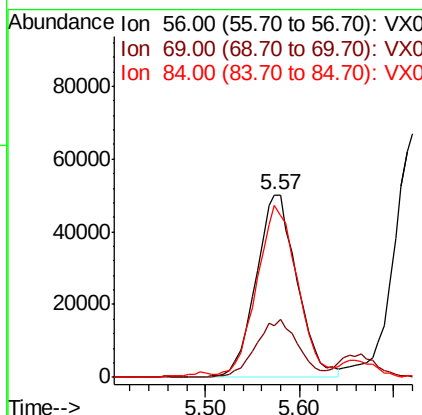
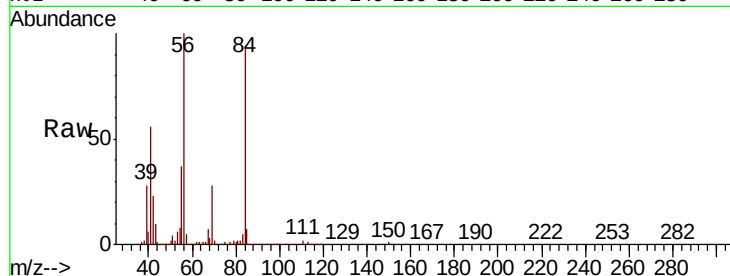




#31
Cyclohexane
Concen: 18.574 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

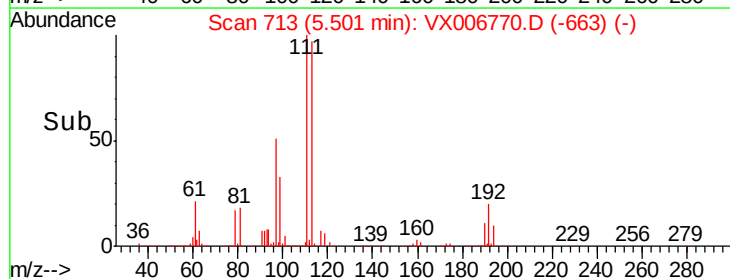
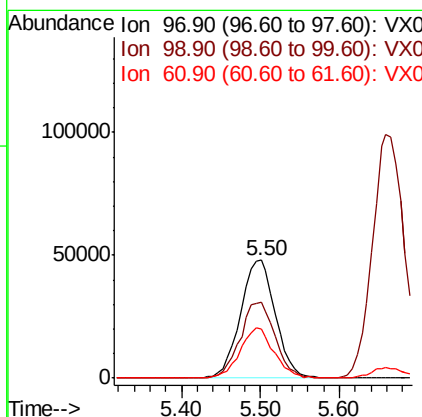
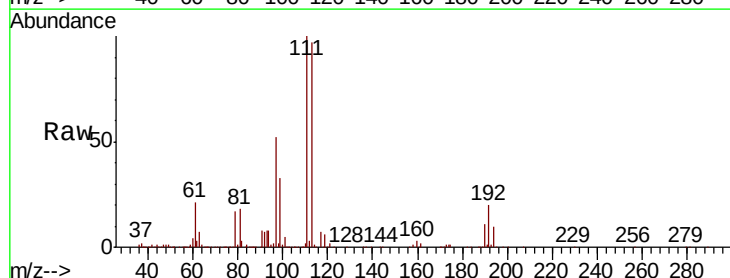
Instrument :
MSVOA_X
ClientSampleId :

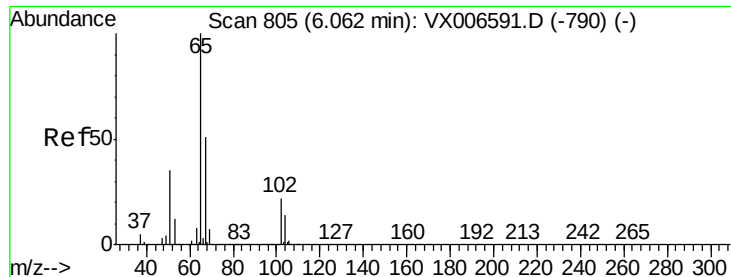
Tot Ion: 56 Resp: 152371
Ion Ratio Lower Upper
56 100
69 28.5 24.4 36.6
84 92.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.660 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 97 Resp: 147330
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 41.1 31.3 46.9

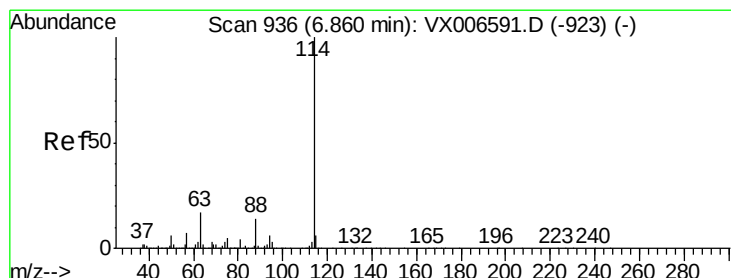
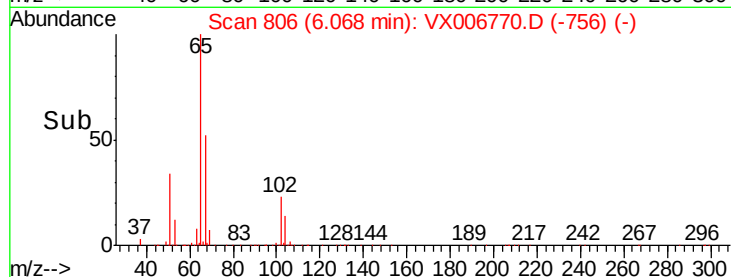
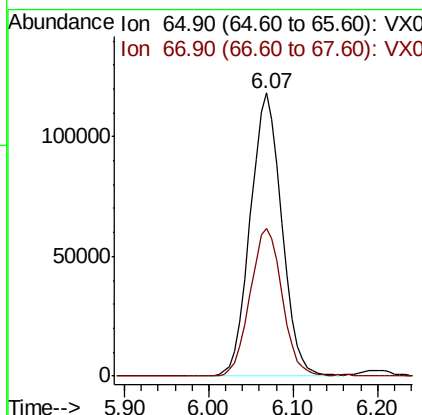
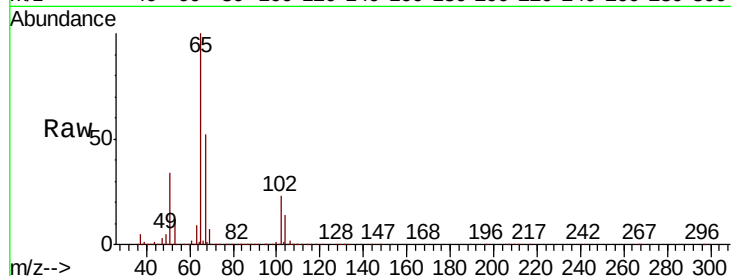




#33
 1,2-Dichloroethane-d4
 Concen: 50.674 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

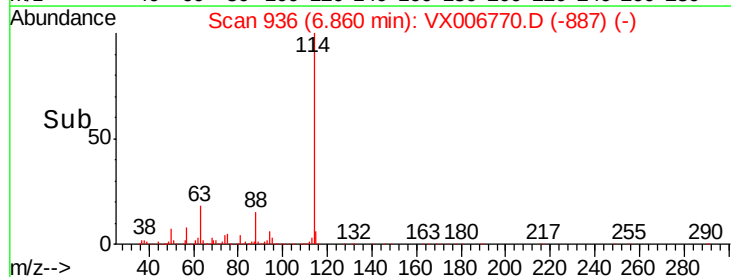
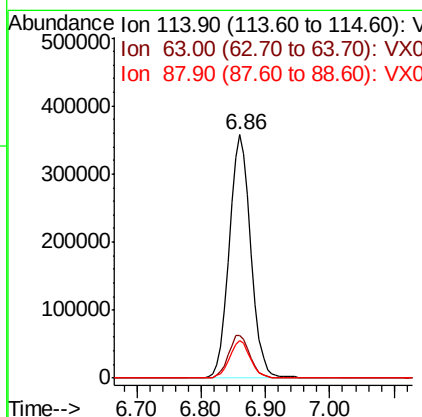
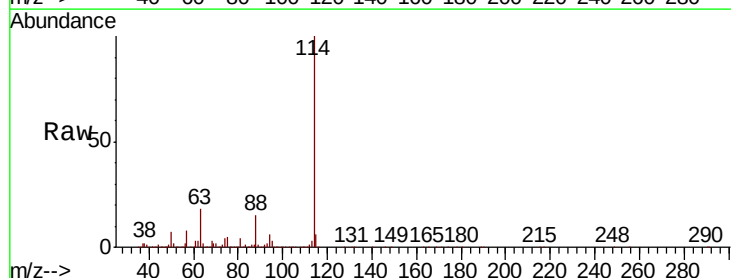
Instrument :
 MSVOA_X
 ClientSampleId :

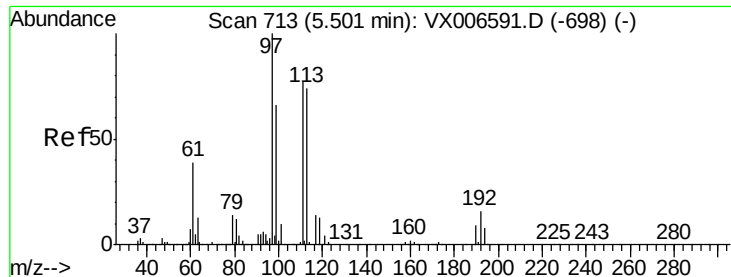
Tot Ion: 65 Resp: 300260
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion: 114 Resp: 841964
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.8
 88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 5.51 min Scan# 714

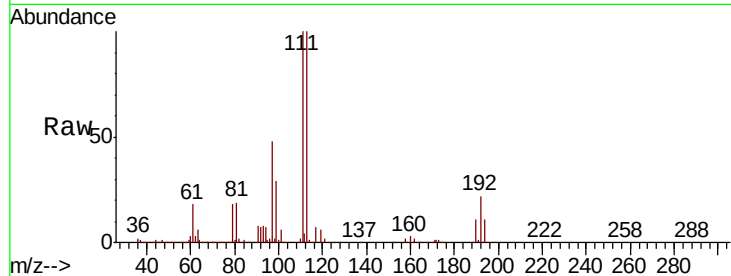
Delta R.T. 0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.6	122.4
192	20.8	16.7	25.1

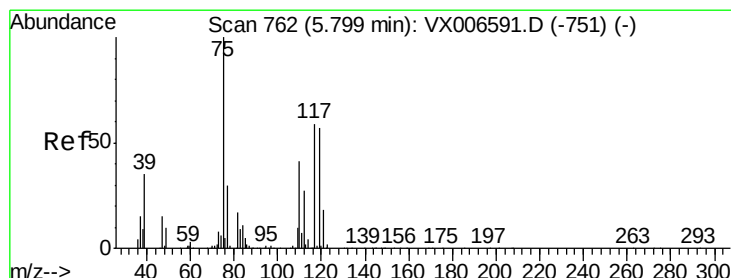
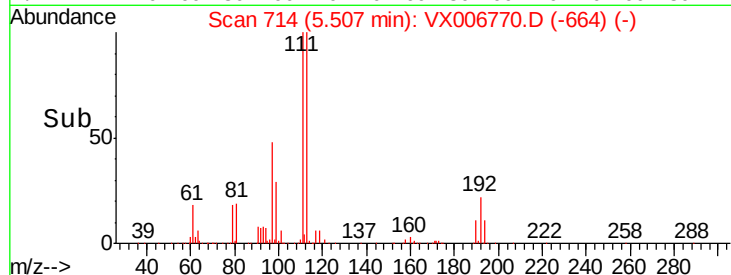
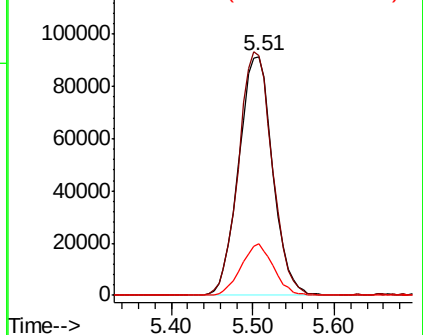


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.085 ug/l

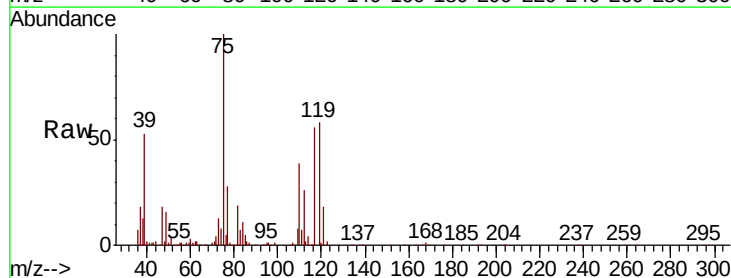
RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	20.2	60.5
77	30.2	24.8	37.2

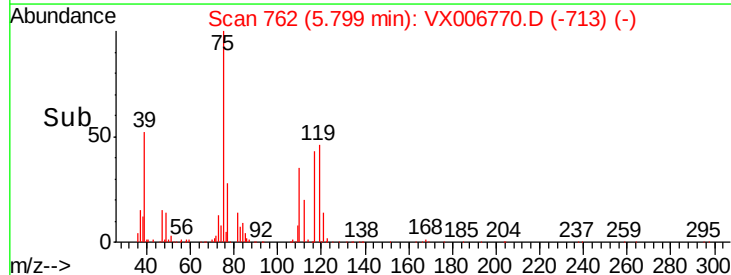
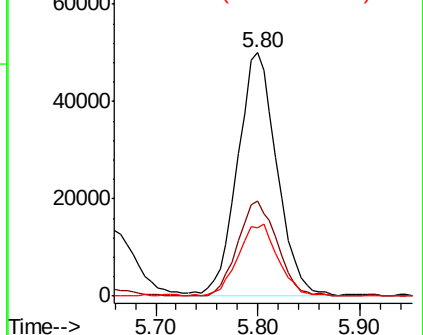


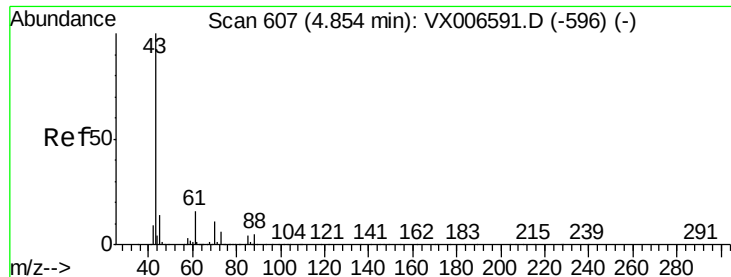
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

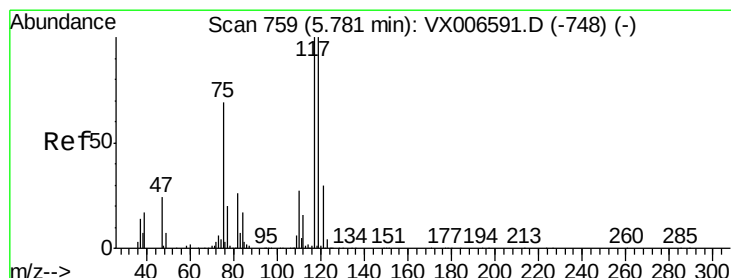
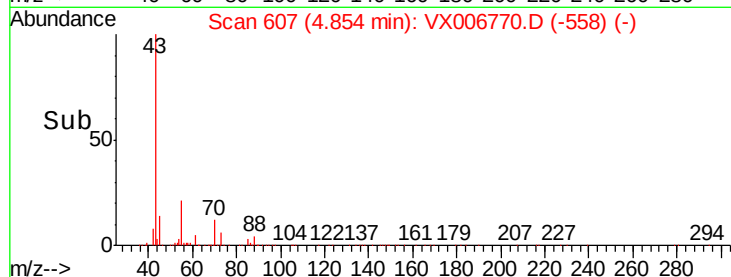
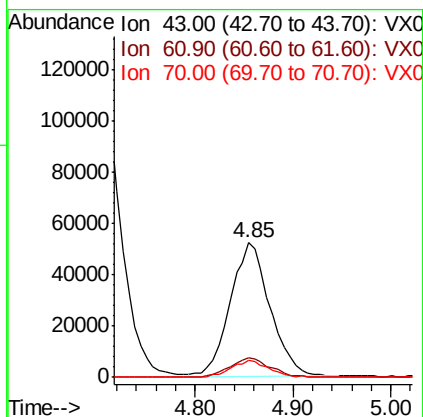
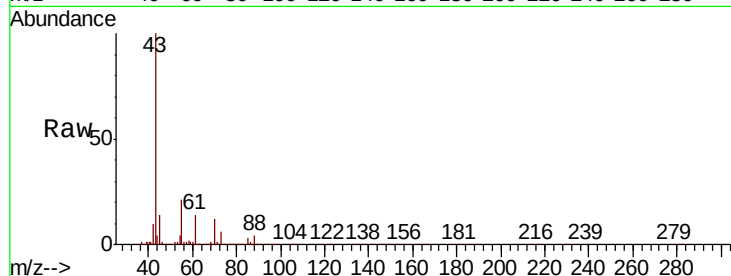




#37
Ethyl Acetate
Concen: 20.230 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

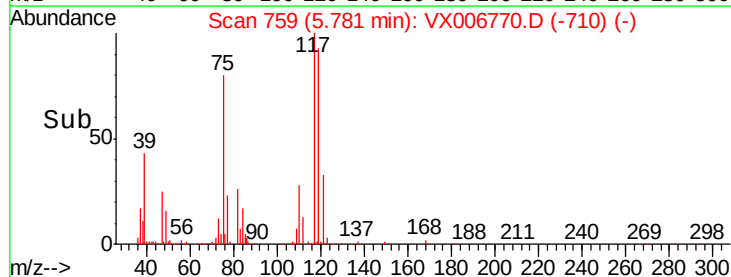
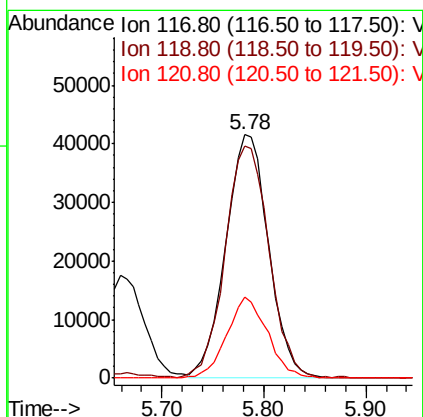
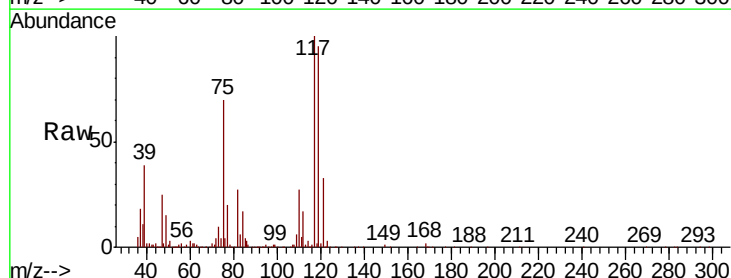
Instrument :
MSVOA_X
ClientSampled :

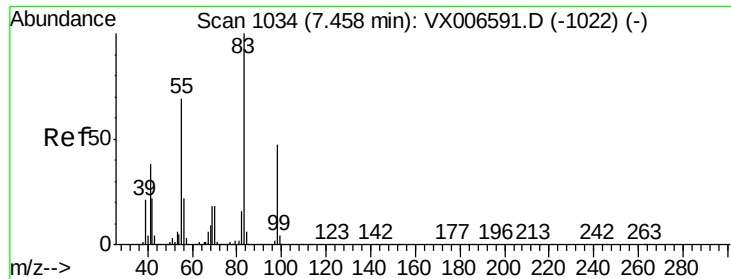
Tot Ion: 43 Resp: 146827
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 17.857 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 117 Resp: 121016
Ion Ratio Lower Upper
117 100
119 94.7 79.4 119.2
121 33.0 24.0 36.0

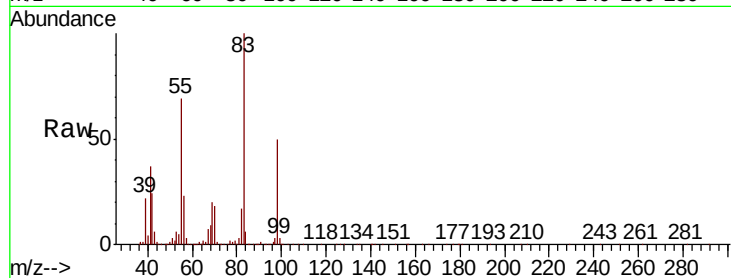




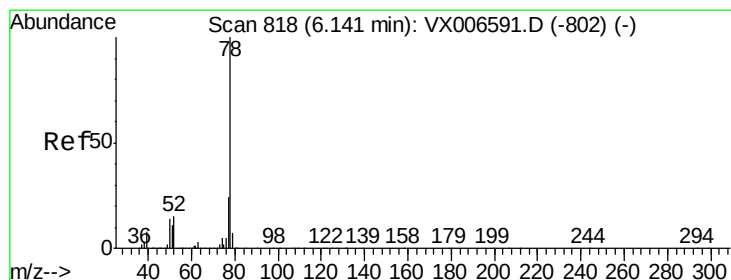
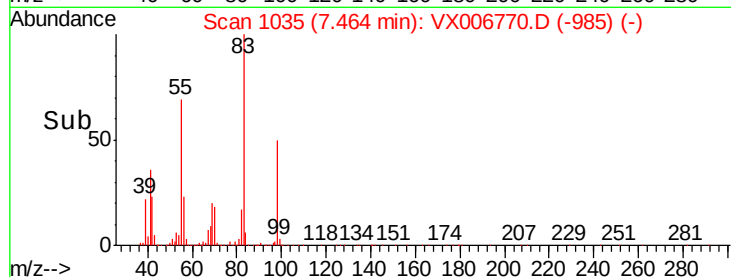
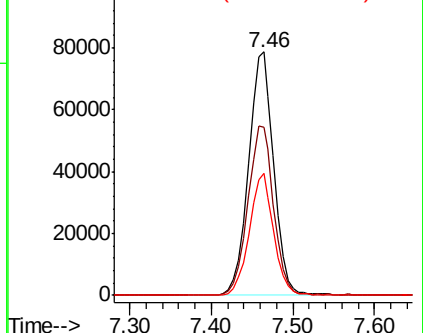
#39
Methylvlcyclohexane
Concen: 18.438 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83	Resp	169277
Ion Ratio	Lower	Upper	
83	100		
55	68.6	54.9	82.3
98	49.9	37.9	56.9

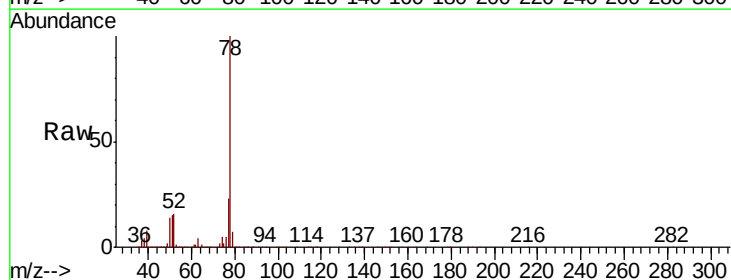


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

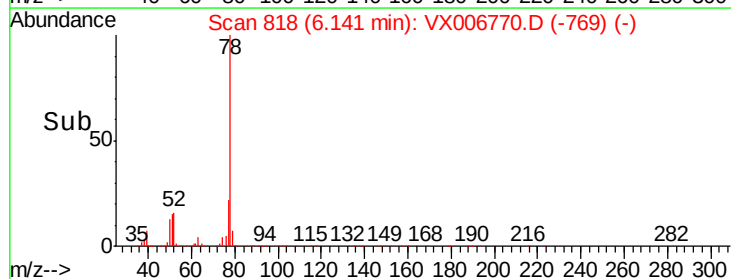
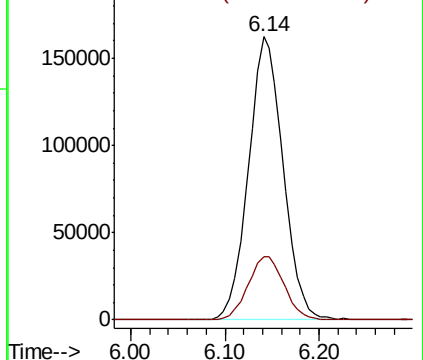


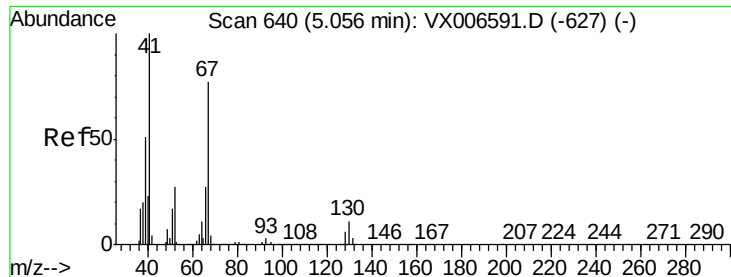
#40
Benzene
Concen: 19.722 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion	78	Resp	418043
Ion Ratio	Lower	Upper	
78	100		
77	22.4	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.248 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 81876

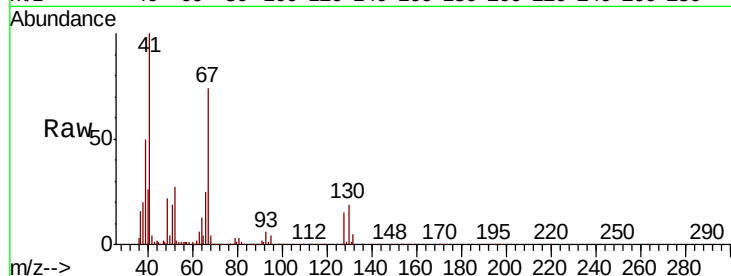
Ion Ratio Lower Upper

41 100

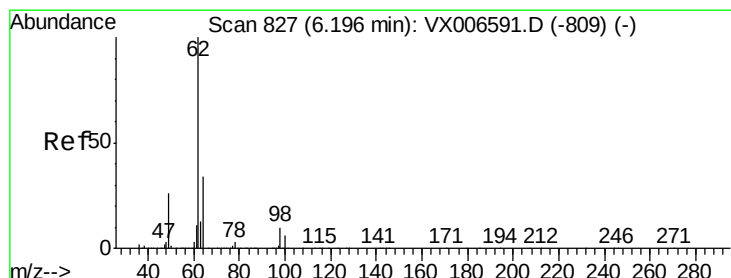
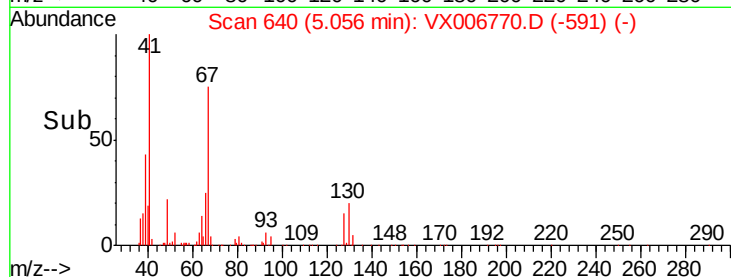
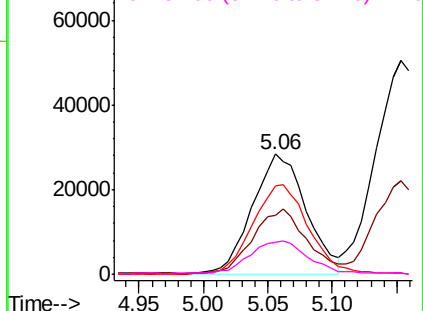
39 53.4 42.8 64.2

67 78.0 62.1 93.1

52 30.8 23.4 35.0



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



#42

1,2-Dichloroethane

Concen: 19.542 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006770.D

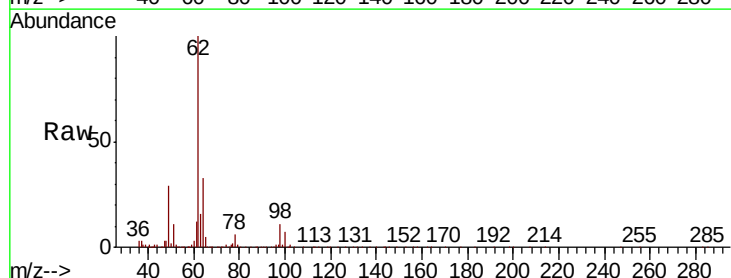
Acq: 22 Dec 2018 14:23

Tgt Ion: 62 Resp: 141148

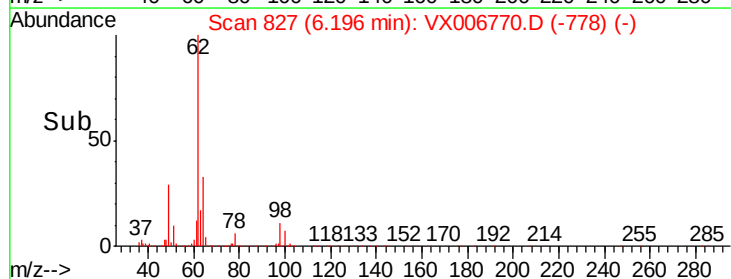
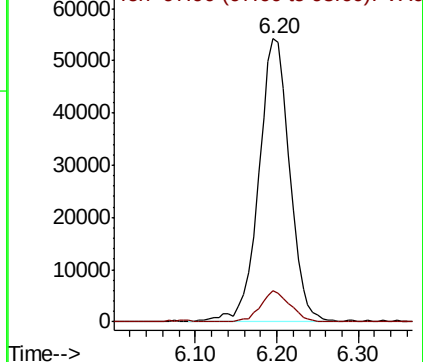
Ion Ratio Lower Upper

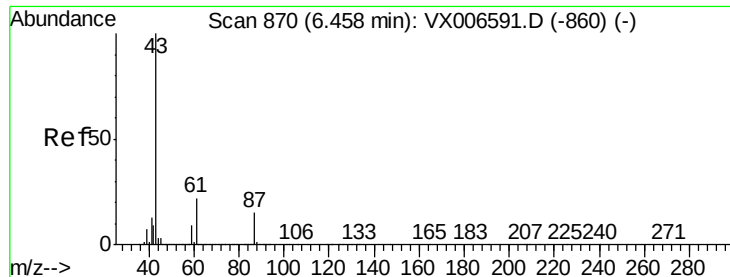
62 100

98 10.6 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 19.808 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

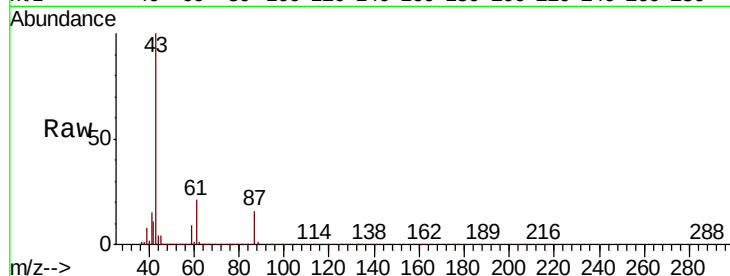
Tot Ion: 43 Resp: 218744

Ion Ratio Lower Upper

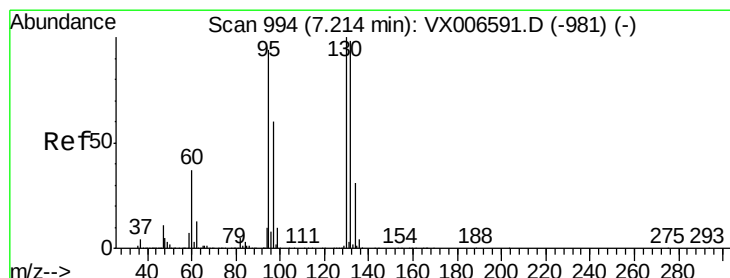
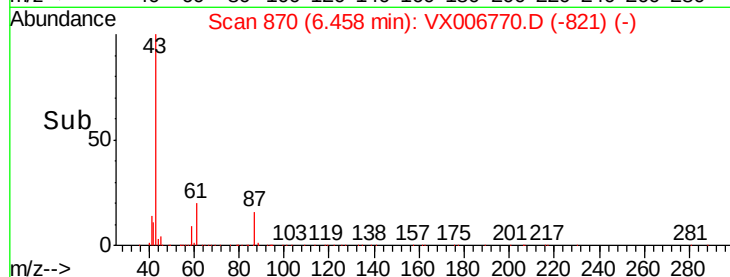
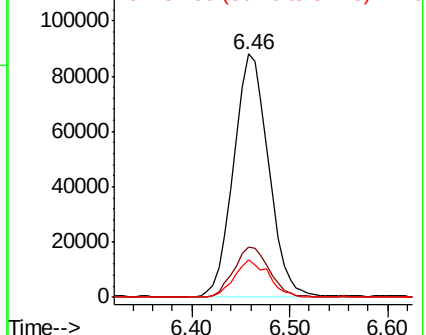
43 100

61 21.2 16.8 25.2

87 15.3 12.4 18.6



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: 18.522 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006770.D

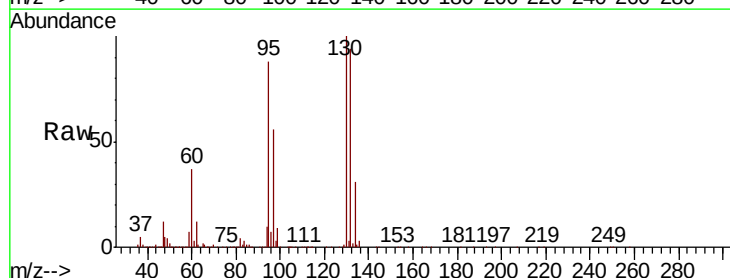
Acq: 22 Dec 2018 14:23

Tgt Ion:130 Resp: 118832

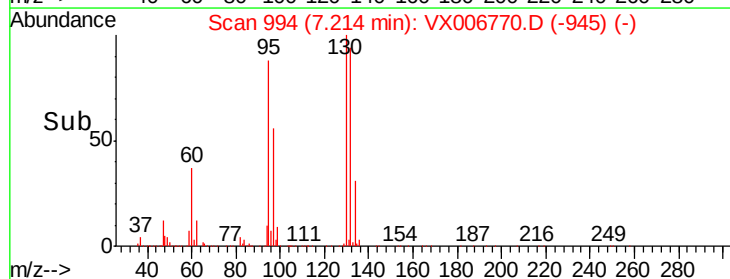
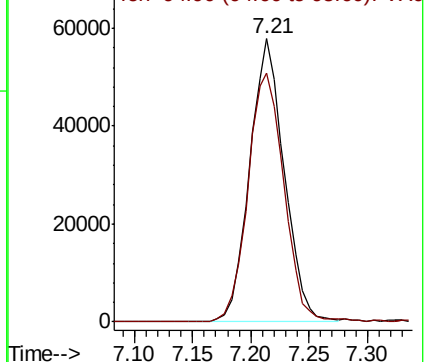
Ion Ratio Lower Upper

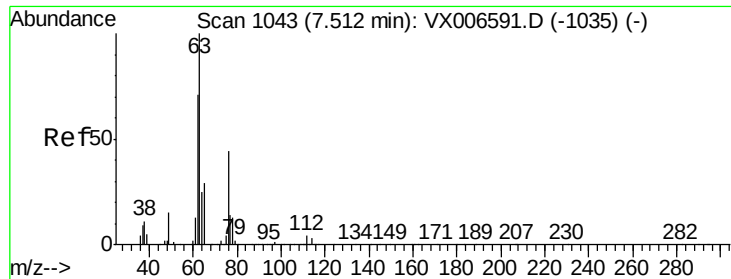
130 100

95 88.0 0.0 187.0



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

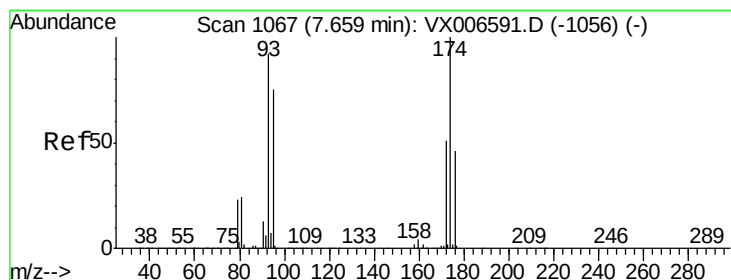
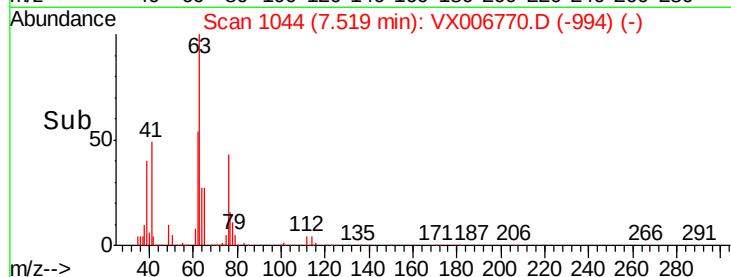
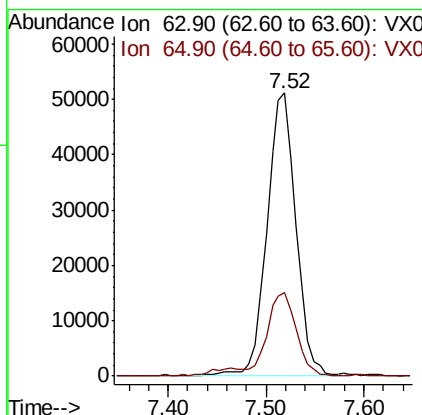
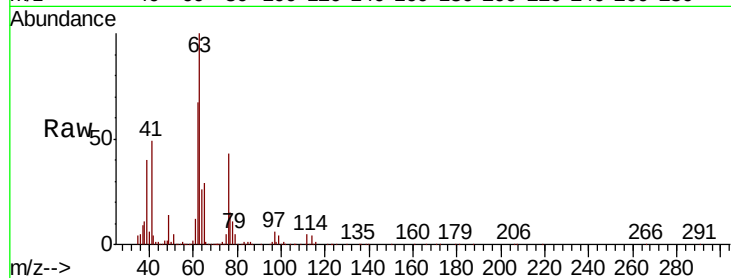




#45
 1,2-Dichloropropane
 Concen: 20.316 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

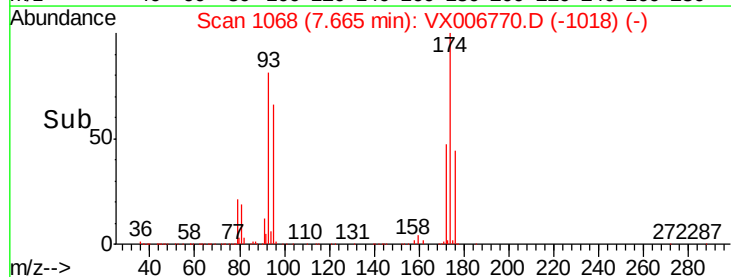
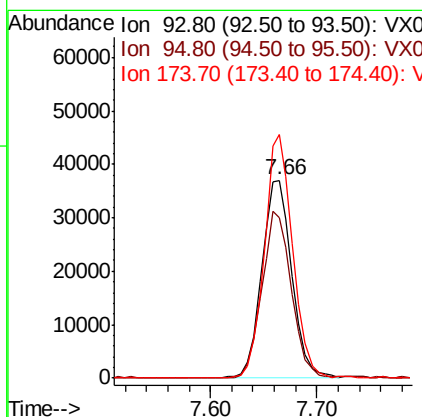
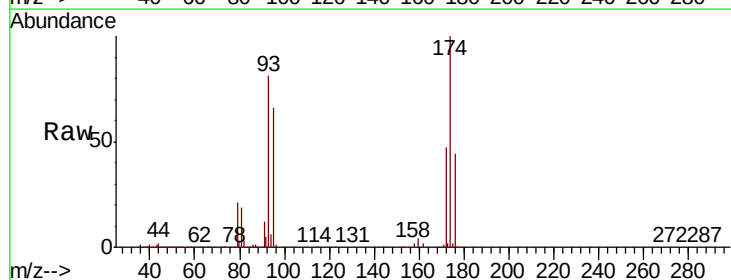
Instrument :
 MSVOA_X
 ClientSampleId :

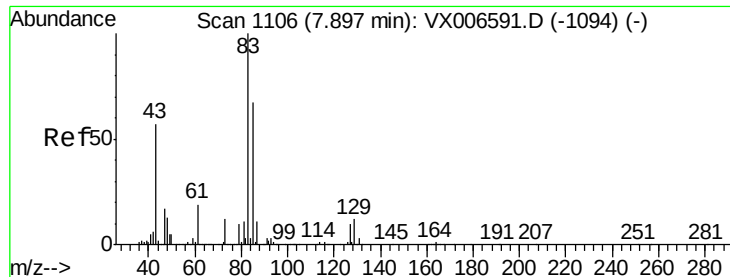
Tot Ion: 63 Resp: 104795
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.4 38.0



#46
 Dibromomethane
 Concen: 19.263 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion: 93 Resp: 73088
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 115.5 91.0 136.4





#47

Bromodichloromethane

Concen: 18.548 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

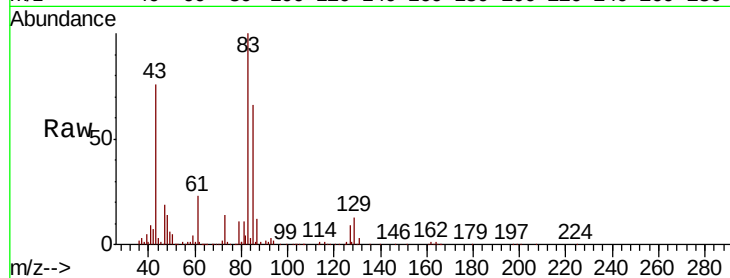
Tot Ion: 83 Resp: 116839

Ion Ratio Lower Upper

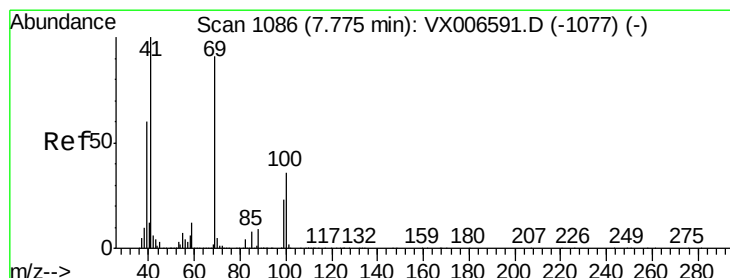
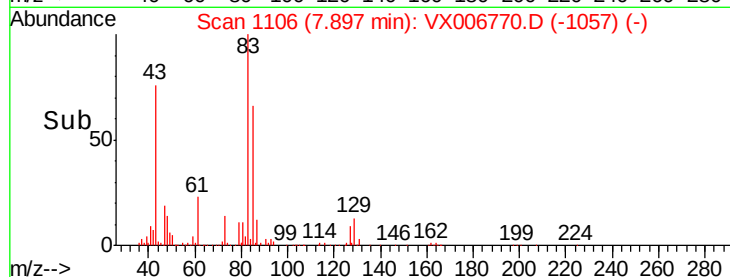
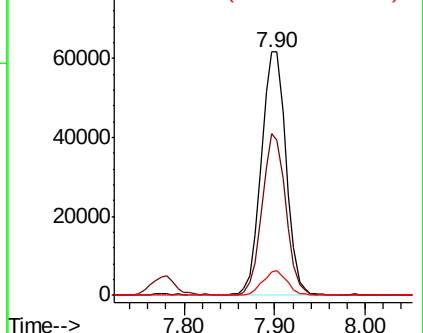
83 100

85 66.0 53.2 79.8

127 9.4 7.8 11.6



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



#48

Methyl methacrylate

Concen: 20.831 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

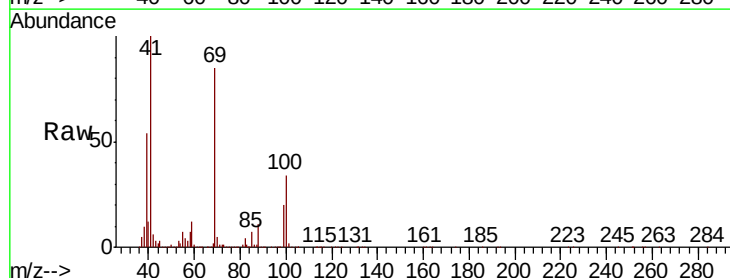
Tgt Ion: 41 Resp: 116986

Ion Ratio Lower Upper

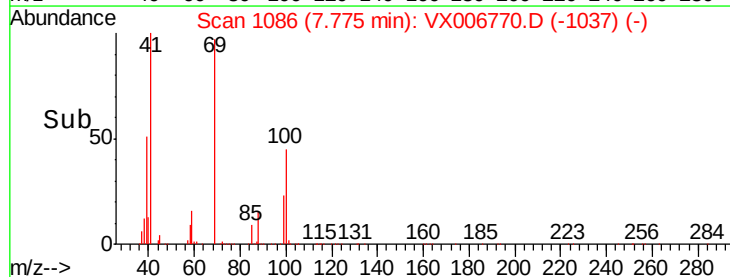
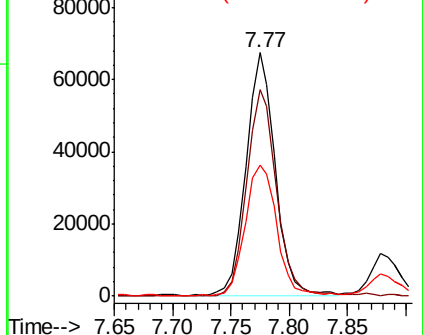
41 100

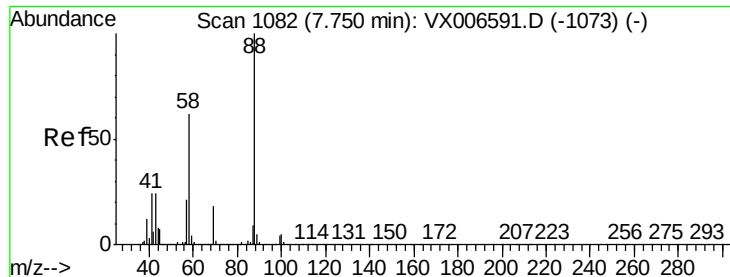
69 88.1 72.4 108.6

39 58.3 45.8 68.8



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





#49

1,4-Dioxane

Concen: 393.962 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

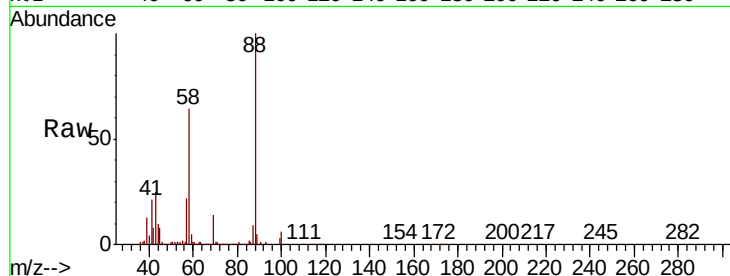
Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 59658

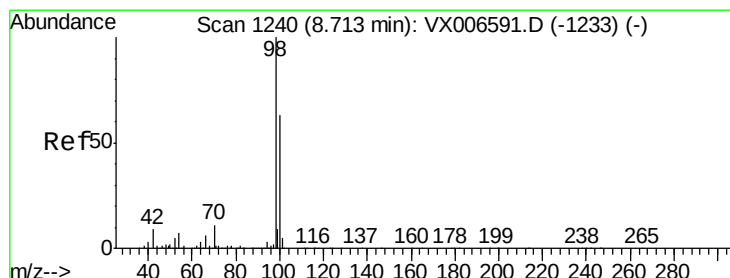
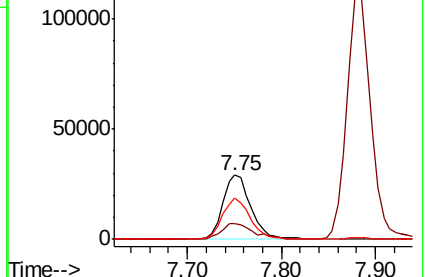
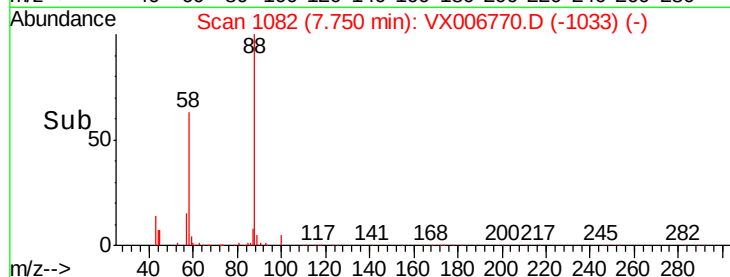
Ion	Ratio	Lower	Upper
88	100		
43	28.0	22.2	33.4
58	63.8	51.0	76.4



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: 49.924 ug/l

RT: 8.71 min Scan# 1240

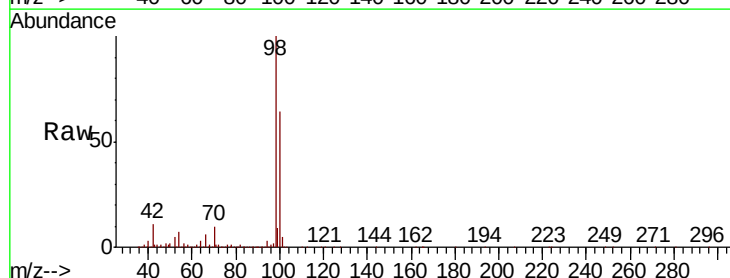
Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

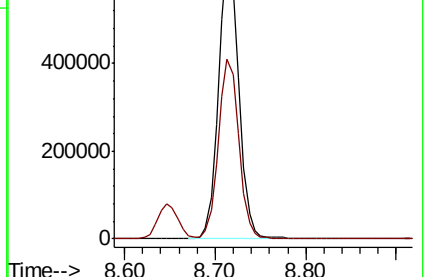
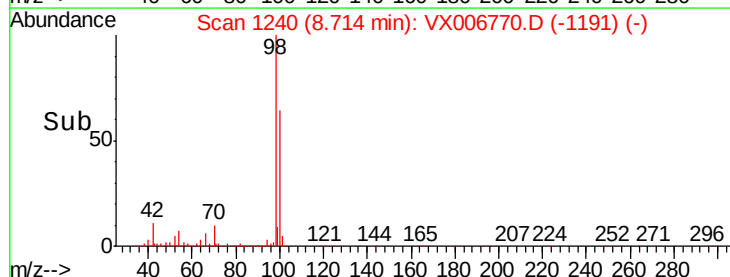
Tgt Ion: 98 Resp: 1002131

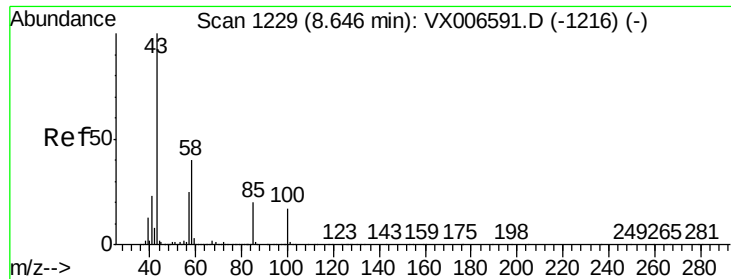
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0



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: 106.847 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

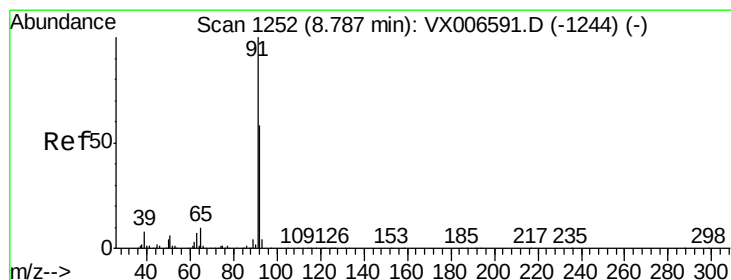
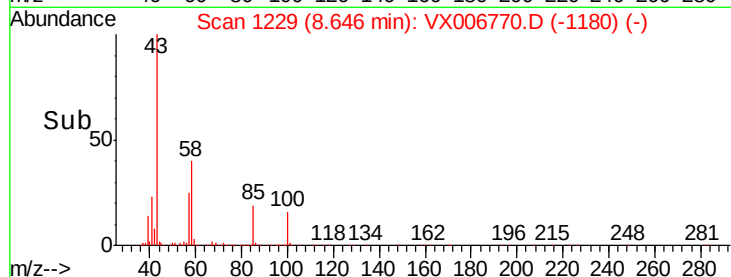
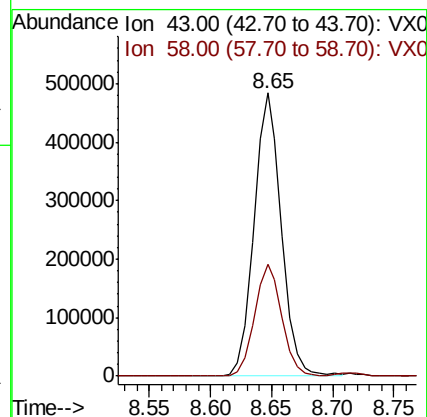
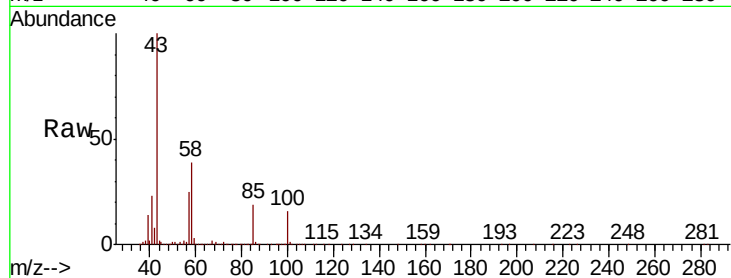
ClientSampleId :

Tot Ion: 43 Resp: 750770

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.6



#52

Toluene

Concen: 19.854 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006770.D

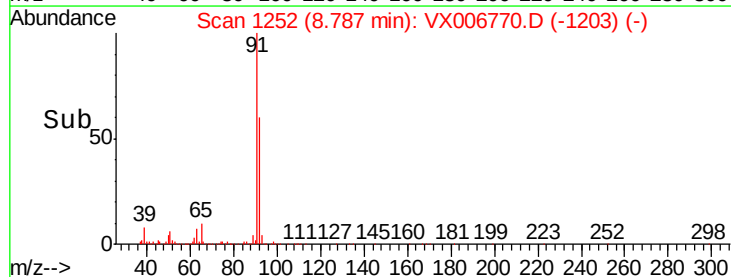
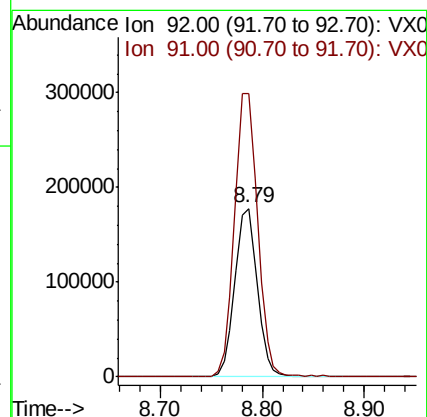
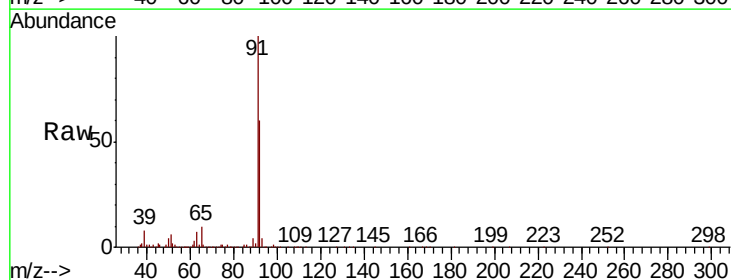
Acq: 22 Dec 2018 14:23

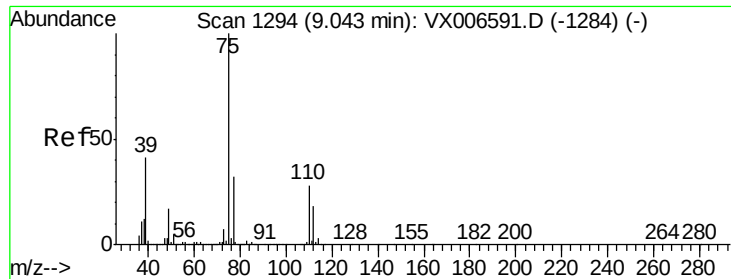
Tgt Ion: 92 Resp: 271881

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.194 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

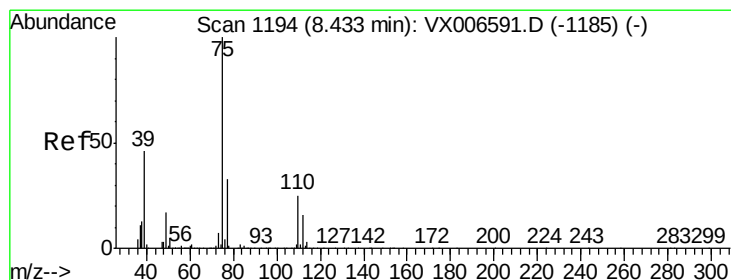
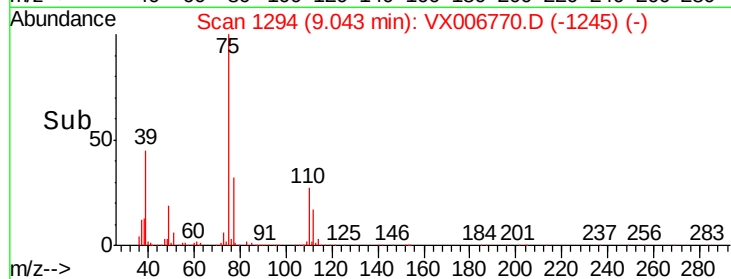
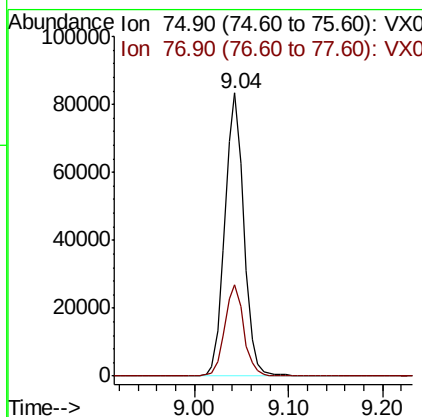
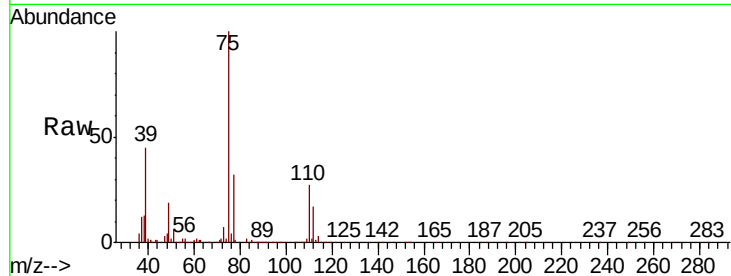
ClientSampleId :

Tot Ion: 75 Resp: 116159

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.156 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

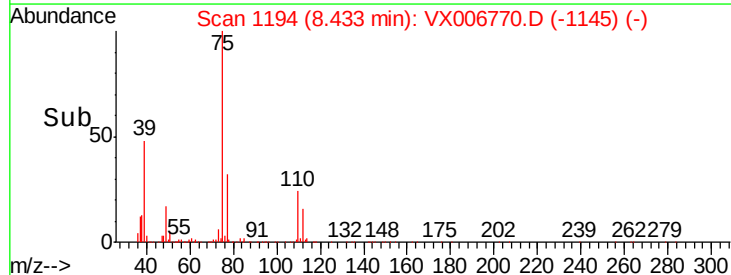
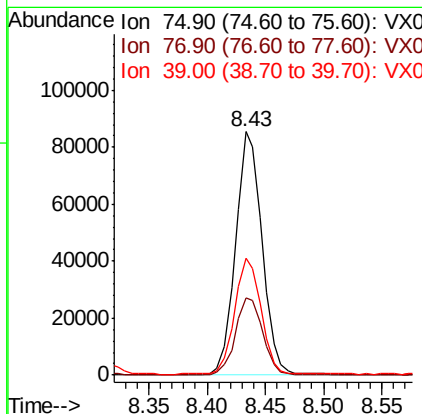
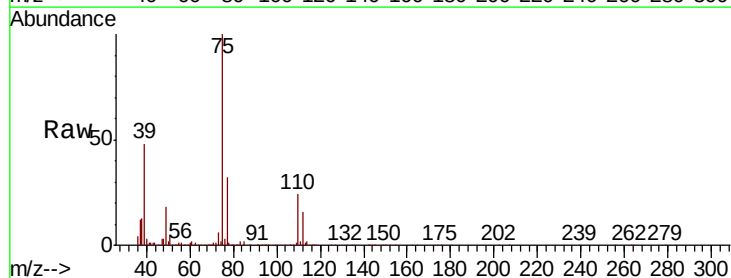
Tgt Ion: 75 Resp: 134589

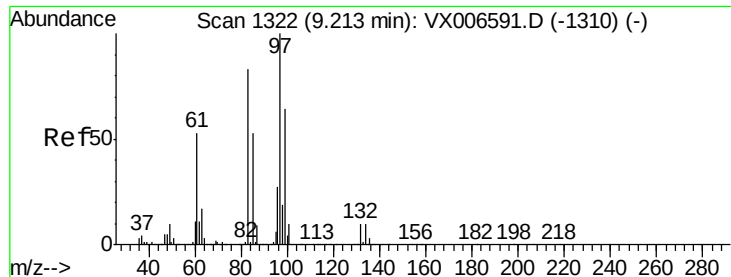
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

39 47.8 36.7 55.1

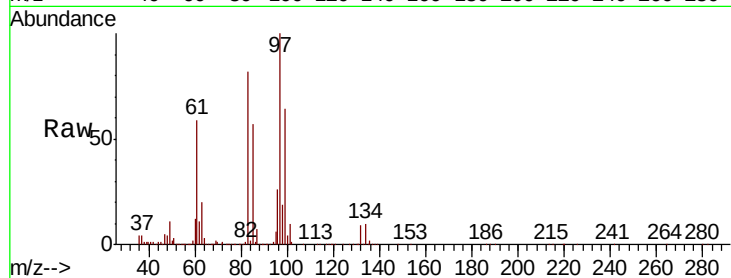




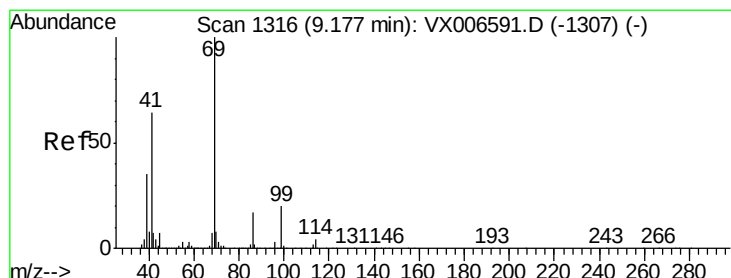
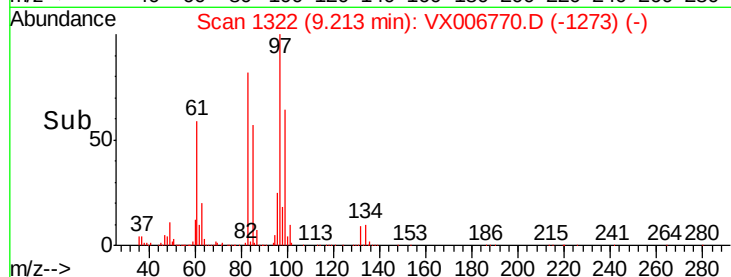
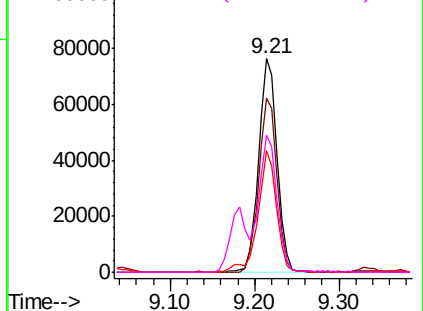
#55
 1,1,2-Trichloroethane
 Concen: 20.533 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	115092
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.6	99.8
85	56.7	42.7	64.1
99	63.9	50.8	76.2

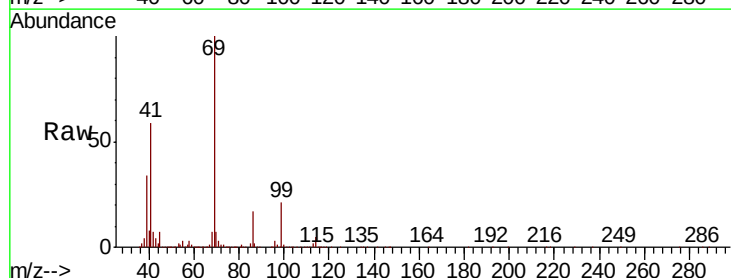


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

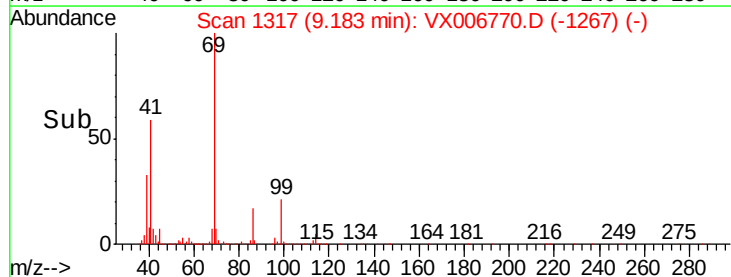
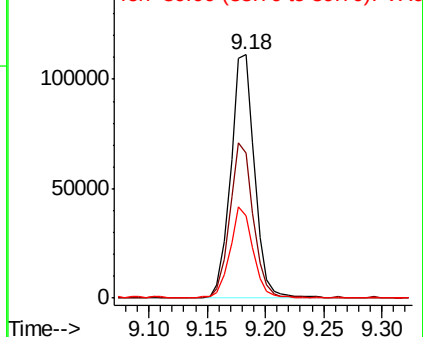


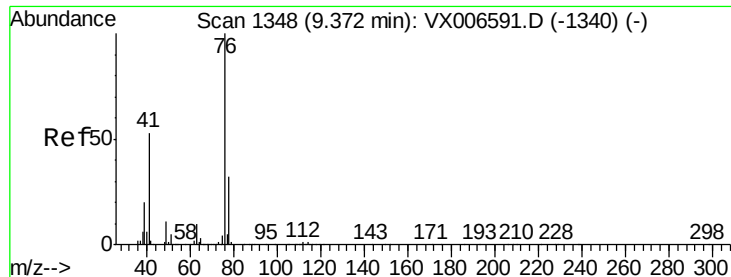
#56
 Ethyl methacrylate
 Concen: 20.052 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion:	69	Resp:	158855
Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.7	73.1
39	36.0	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 19.870 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

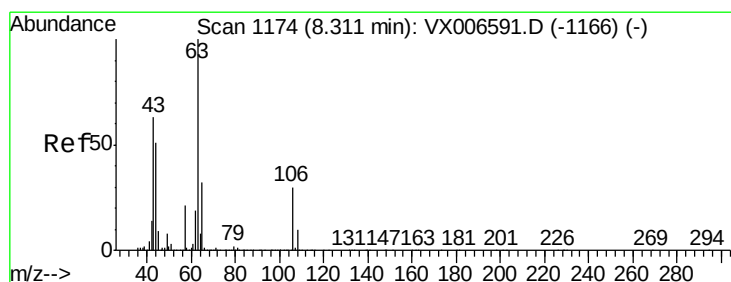
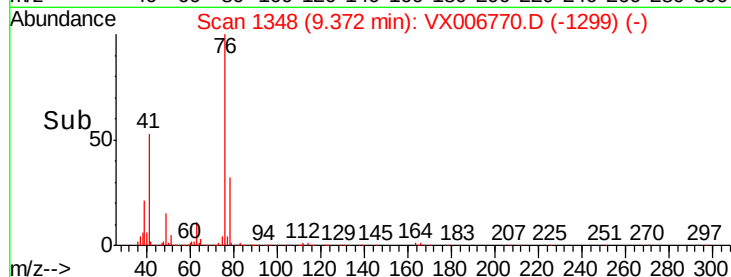
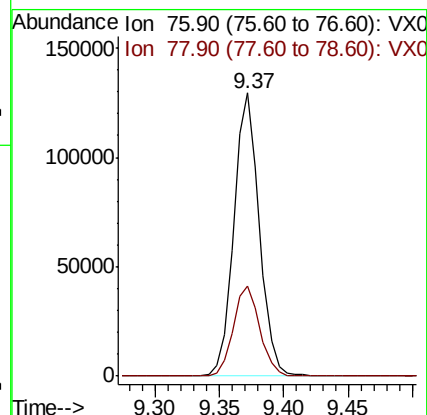
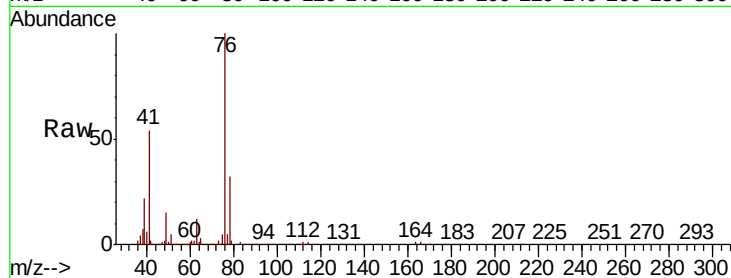
ClientSampleId :

Tot Ion: 76 Resp: 179191

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.127 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006770.D

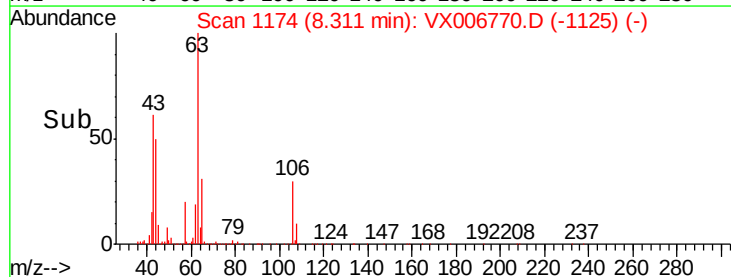
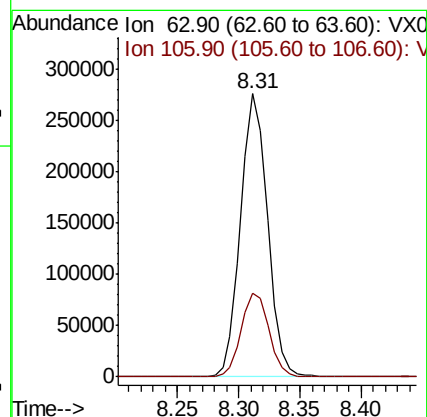
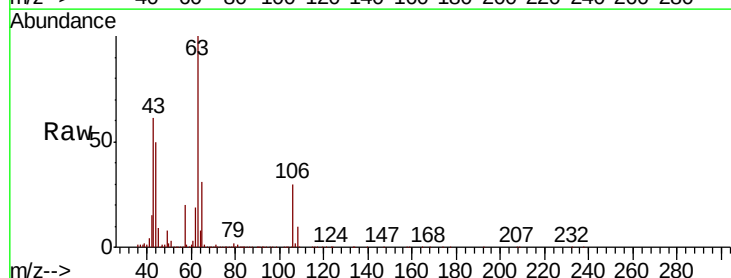
Acq: 22 Dec 2018 14:23

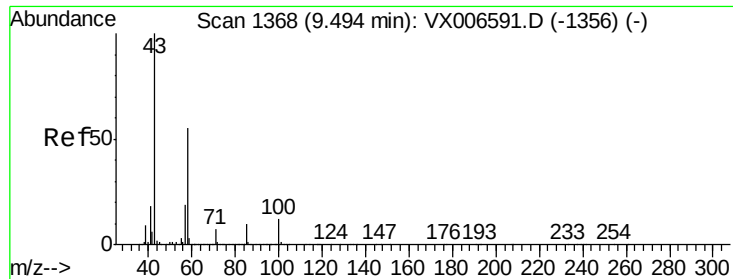
Tgt Ion: 63 Resp: 421656

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8

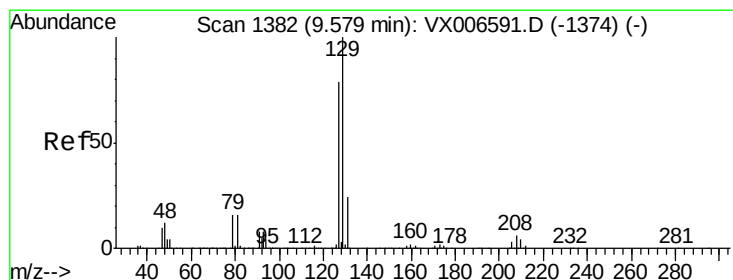
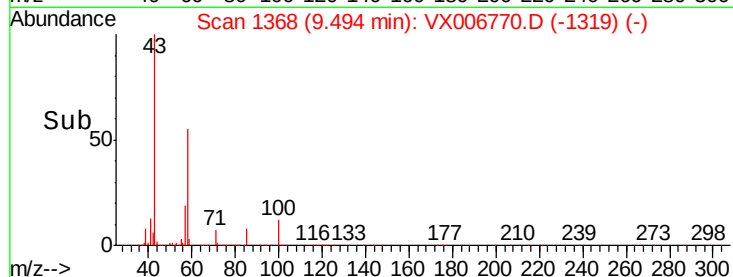
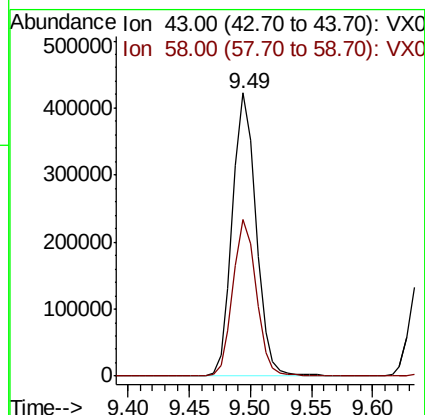
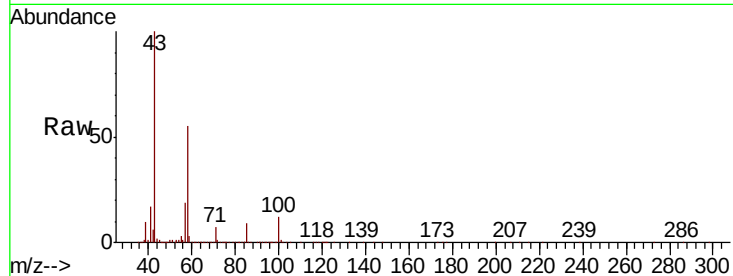




#59
2-Hexanone
Concen: 105.368 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

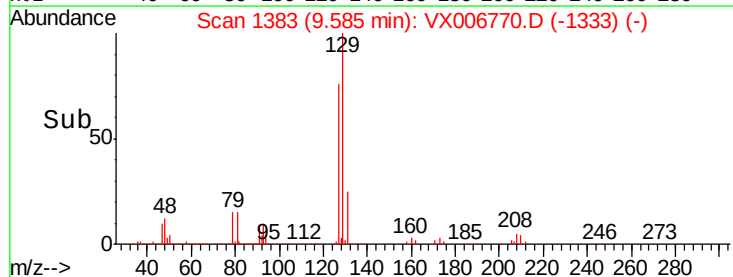
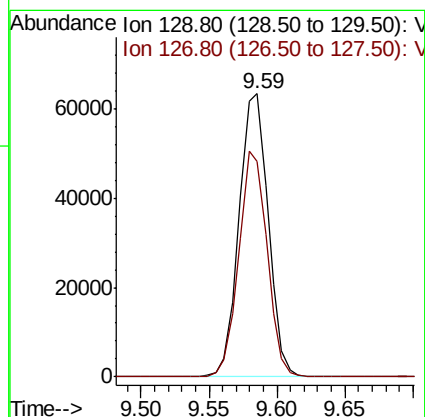
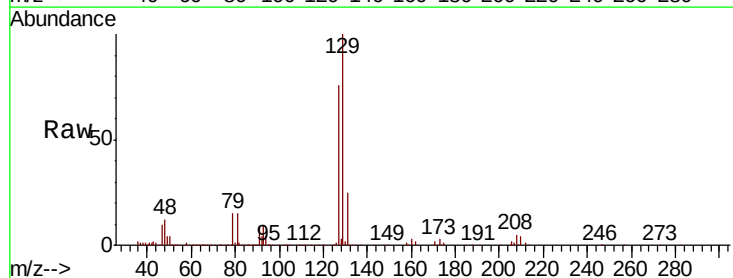
Instrument :
MSVOA_X
ClientSampleId :

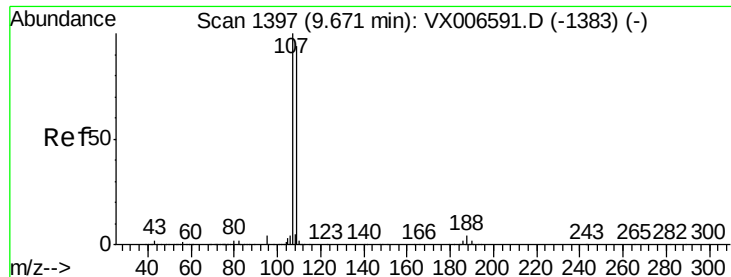
Tot Ion: 43 Resp: 566476
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 17.776 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 129 Resp: 95003
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.743 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

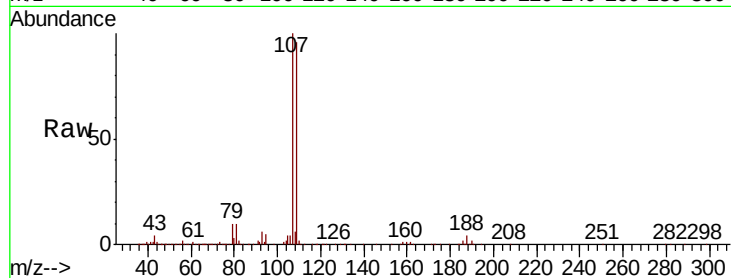
ClientSampleId :

Tot Ion:107 Resp: 117641

Ion Ratio Lower Upper

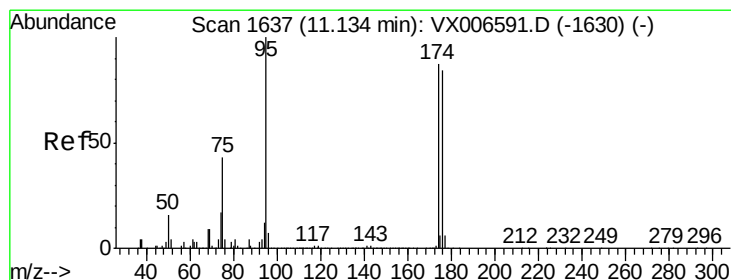
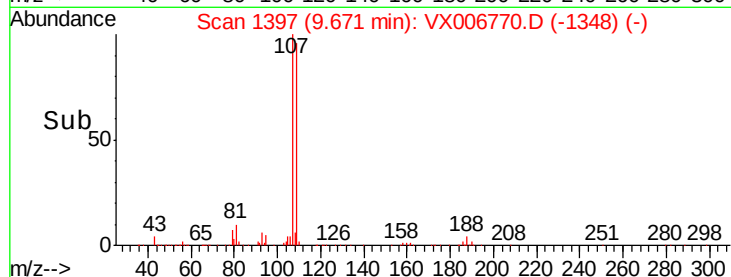
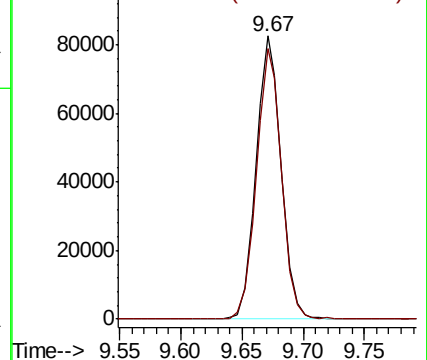
107 100

109 95.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

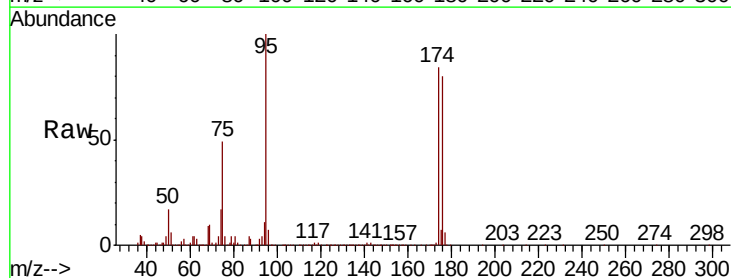
Tgt Ion: 95 Resp: 360607

Ion Ratio Lower Upper

95 100

174 89.9 0.0 182.2

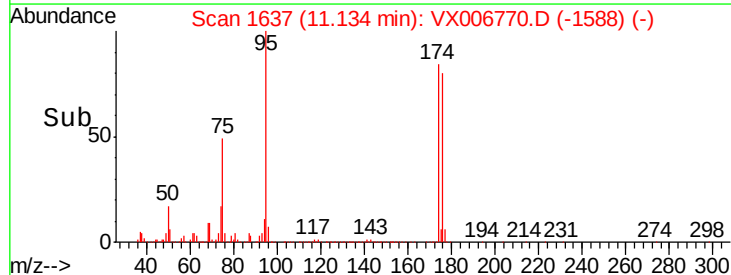
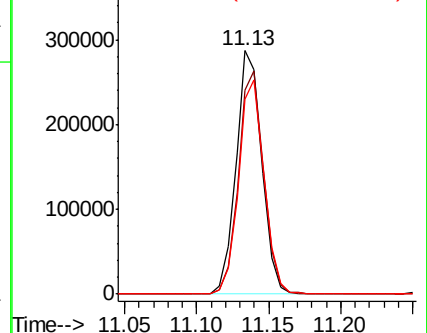
176 87.0 0.0 178.8

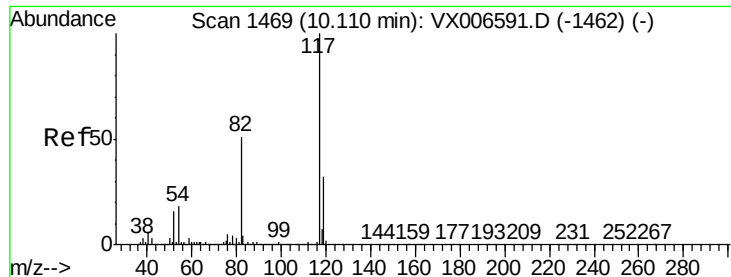


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

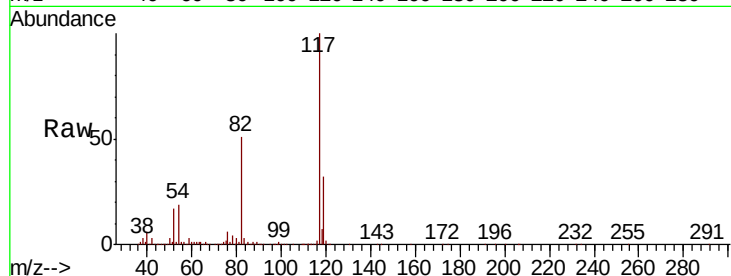




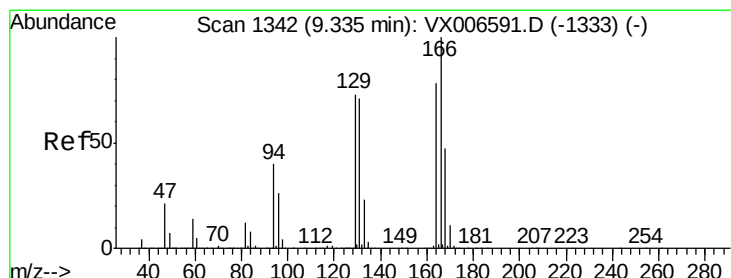
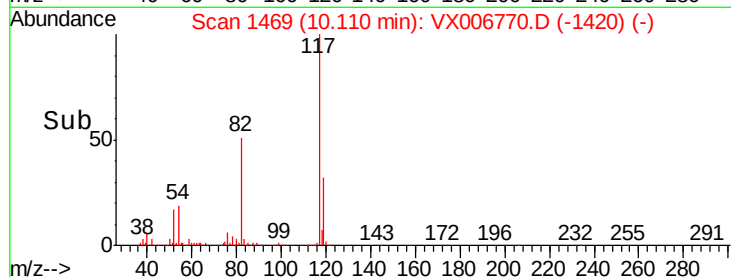
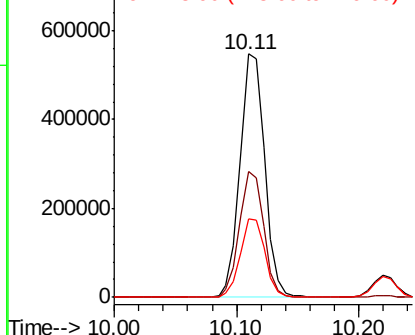
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.0	61.6
119	32.0	25.4	38.0



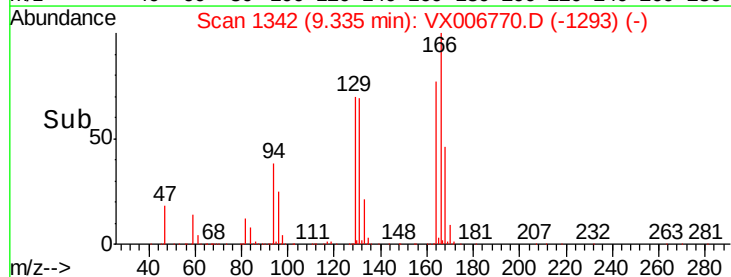
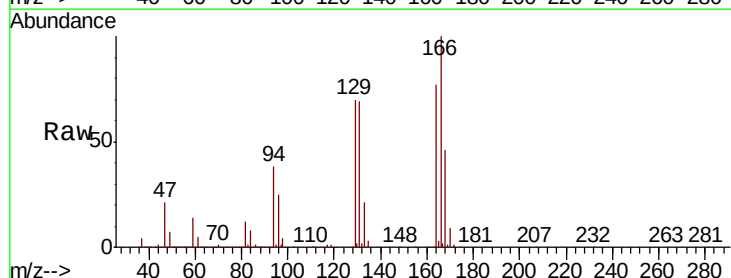
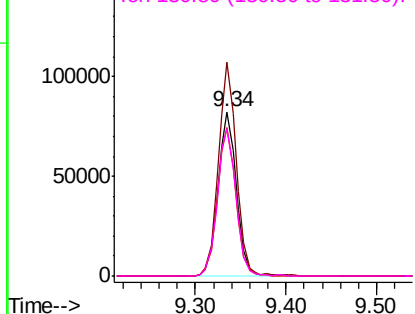
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

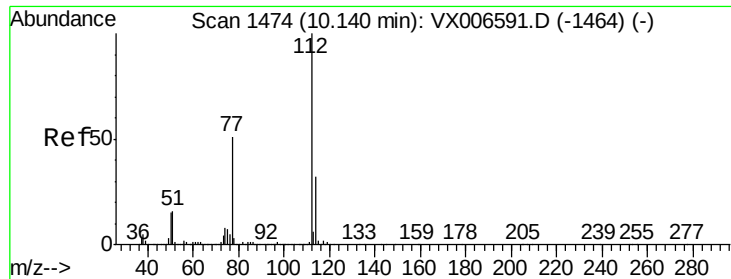


#64
Tetrachloroethene
Concen: 19.322 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.5	153.7
129	90.5	75.1	112.7
131	89.1	72.7	109.1

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

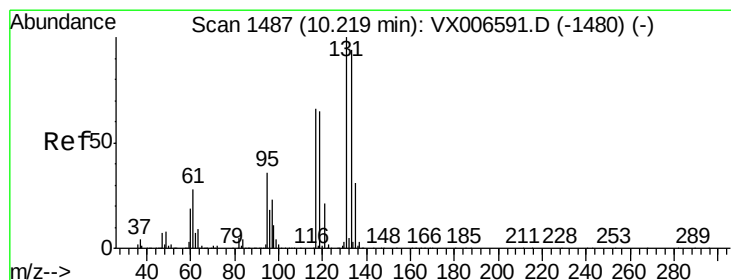
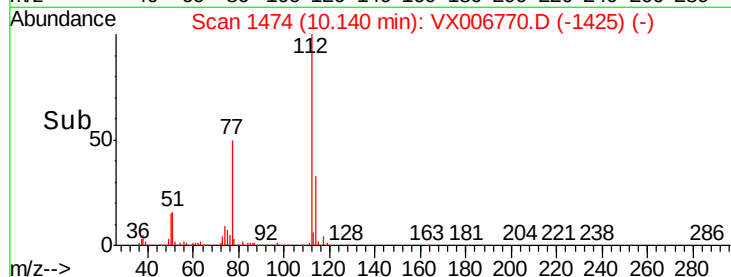
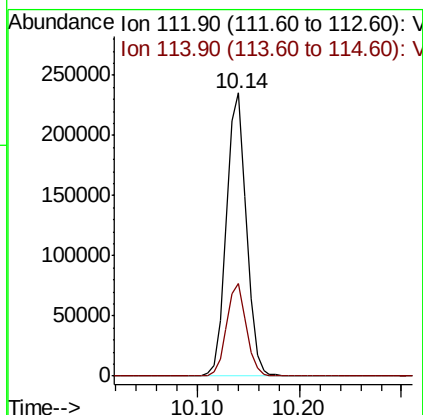
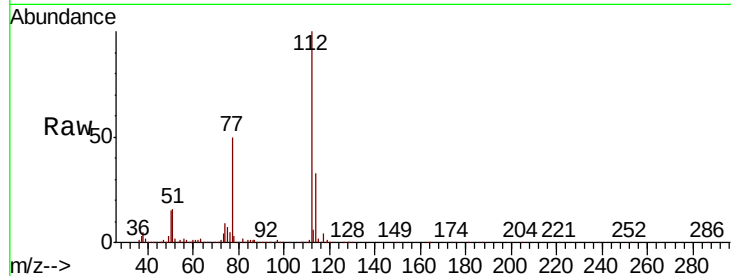




#65
Chlorobenzene
Concen: 19.605 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

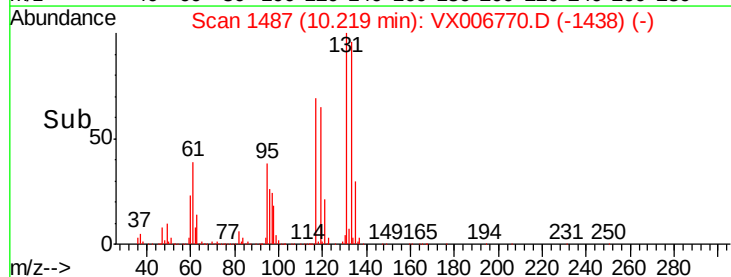
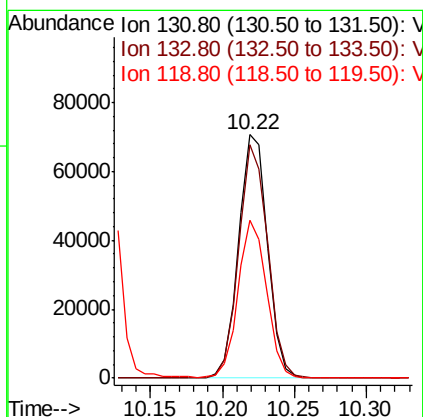
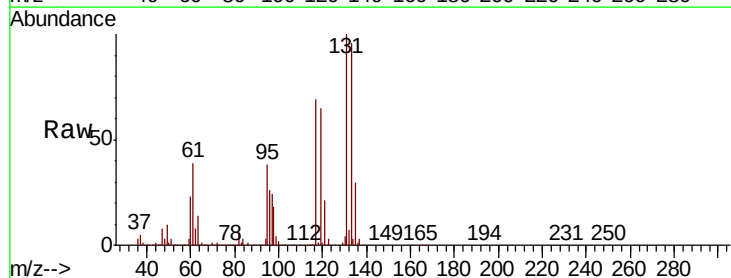
Instrument :
MSVOA_X
ClientSampled :

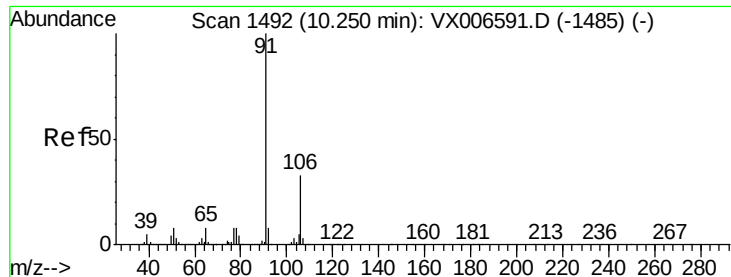
Tot Ion:112 Resp: 317169
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.535 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion:131 Resp: 98600
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 63.6 32.6 97.8





#67

Ethyl Benzene

Concen: 19.544 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

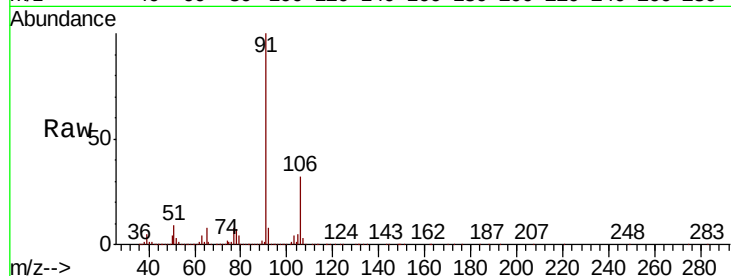
ClientSampled :

Tot Ion: 91 Resp: 516655

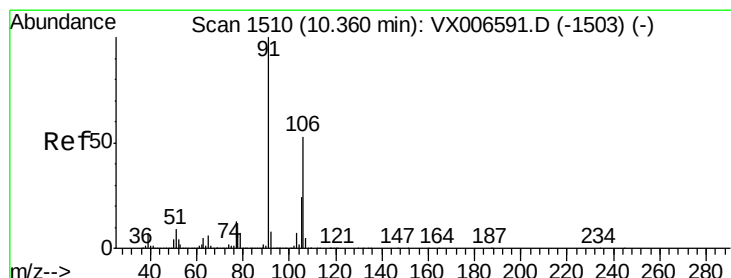
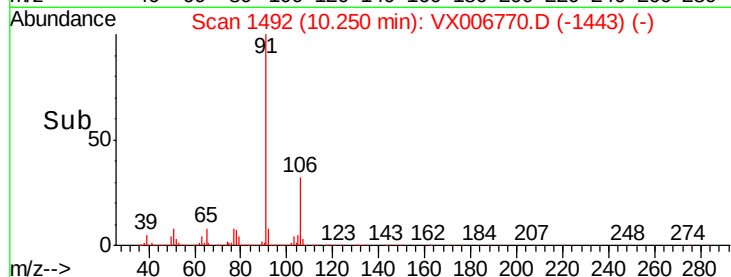
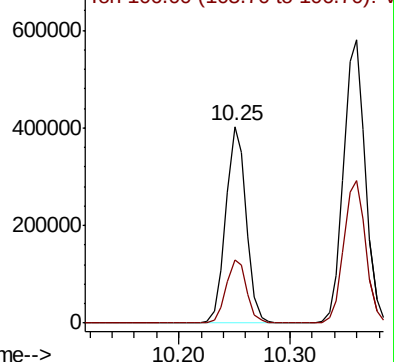
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 38.723 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006770.D

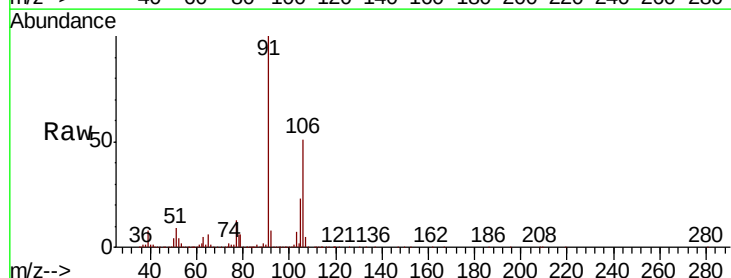
Acq: 22 Dec 2018 14:23

Tgt Ion: 106 Resp: 403929

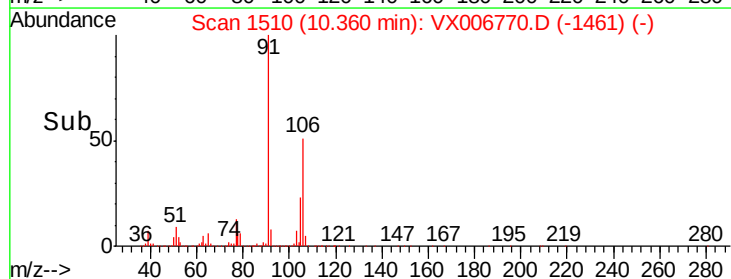
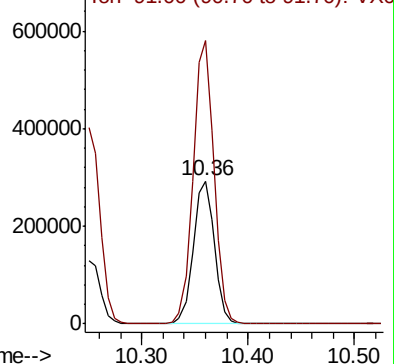
Ion Ratio Lower Upper

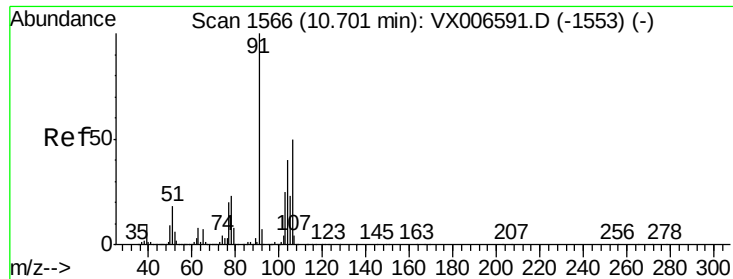
106 100

91 196.6 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

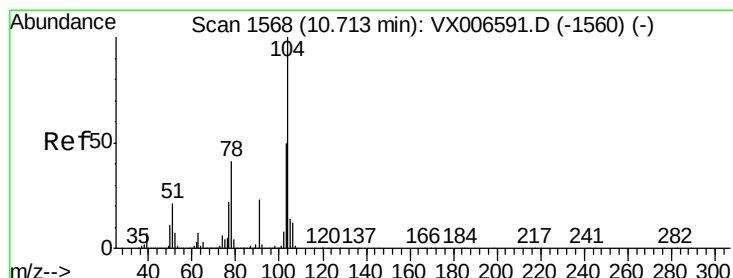
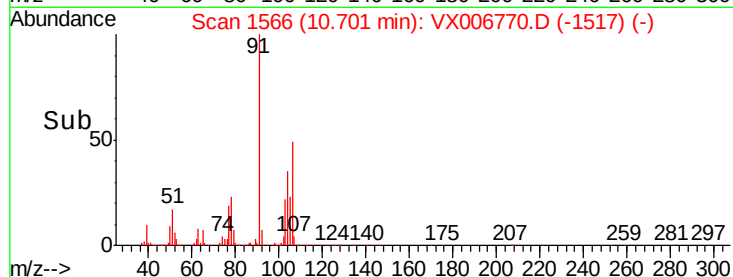
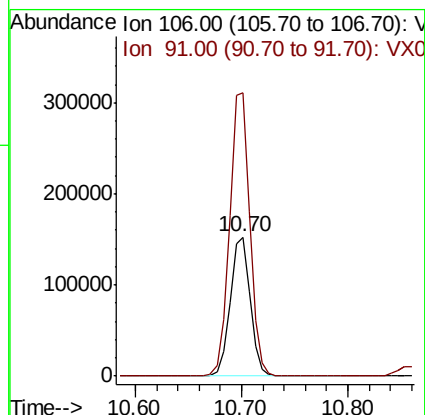
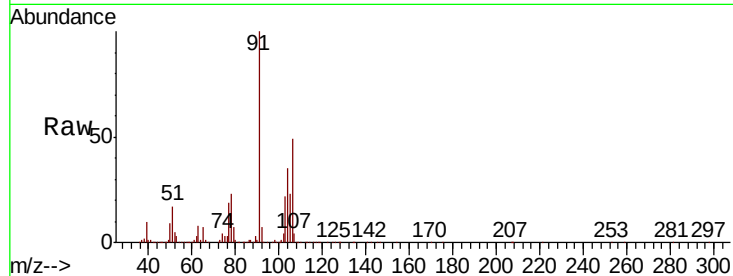




#69
o-Xylene
Concen: 19.547 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

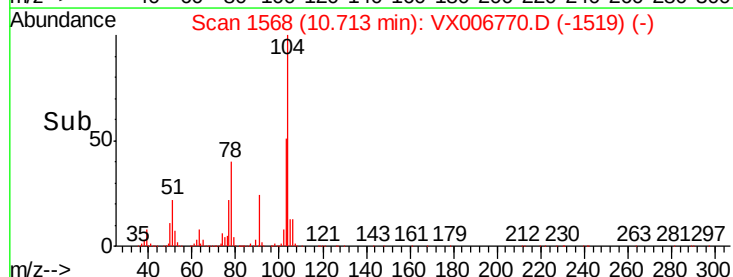
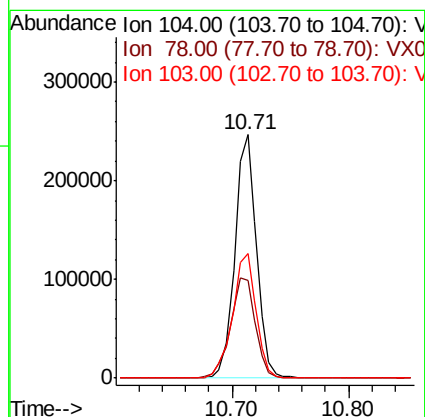
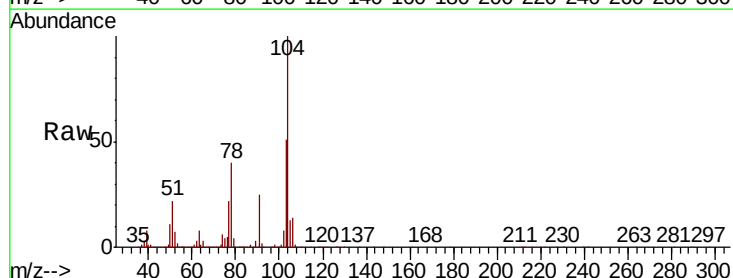
Instrument :
MSVOA_X
ClientSampleId :

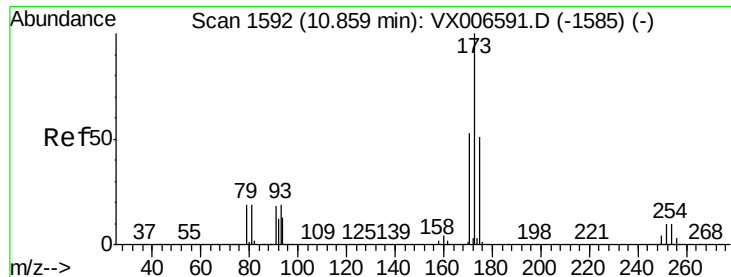
Tot Ion:106 Resp: 201346
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7



#70
Styrene
Concen: 19.576 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion:104 Resp: 319019
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.6 43.8 65.8





#71

Bromoform

Concen: 17.504 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

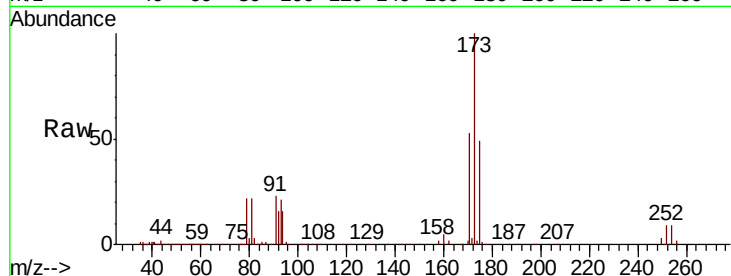
Tot Ion:173 Resp: 65204

Ion Ratio Lower Upper

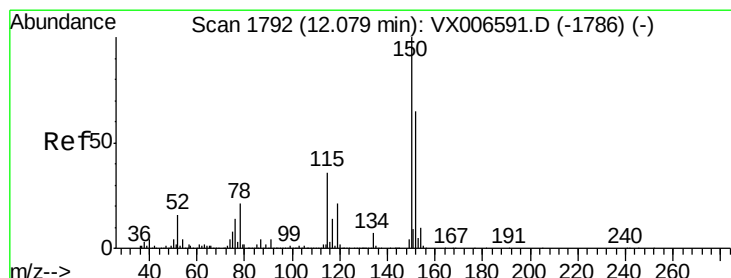
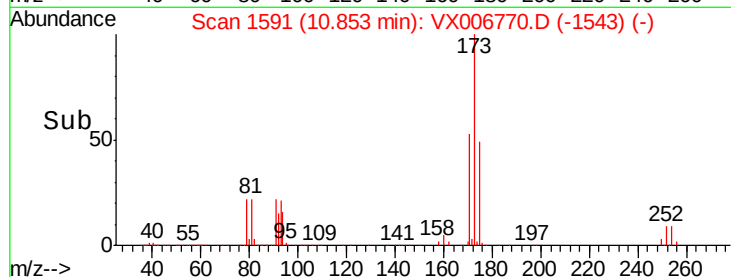
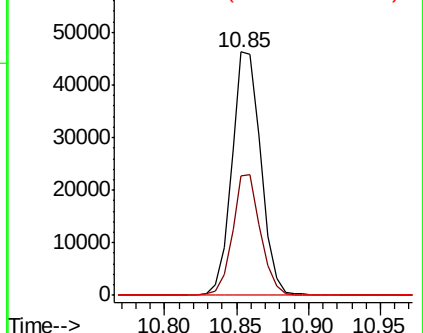
173 100

175 47.8 24.7 74.1

254 0.0 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: VX006770.D

Acq: 22 Dec 2018 14:23

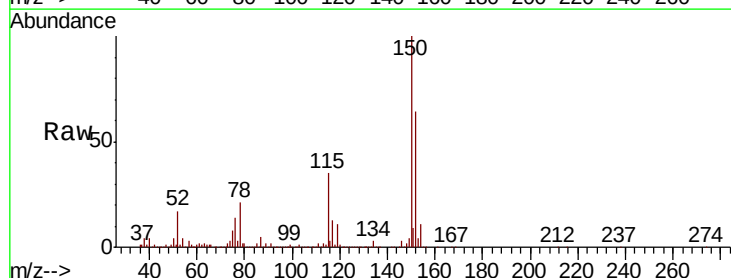
Tgt Ion:152 Resp: 387422

Ion Ratio Lower Upper

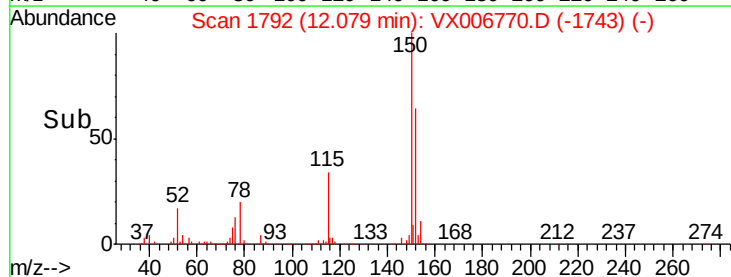
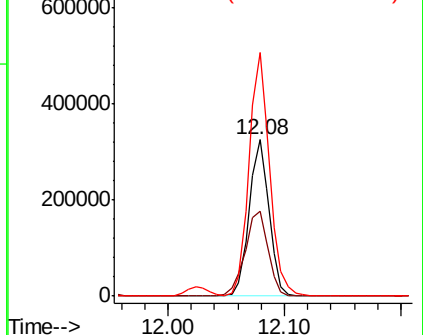
152 100

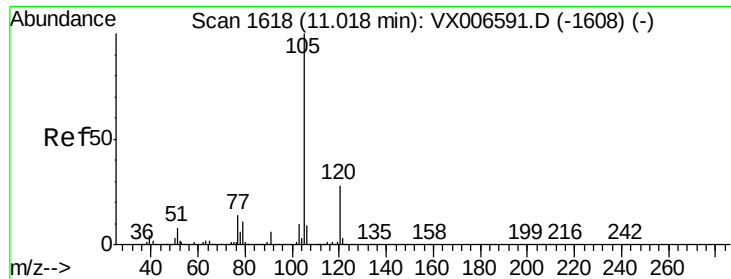
115 63.5 39.1 117.2

150 161.3 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

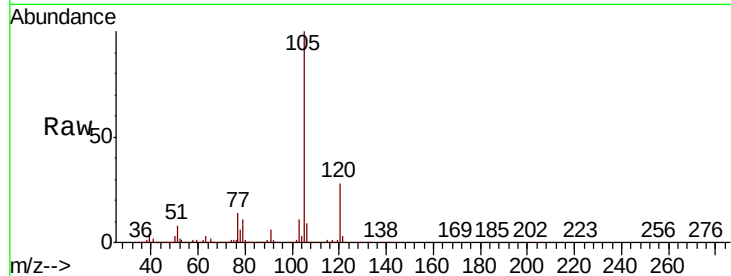
ClientSampleId :

Tot Ion:105 Resp: 532187

Ion Ratio Lower Upper

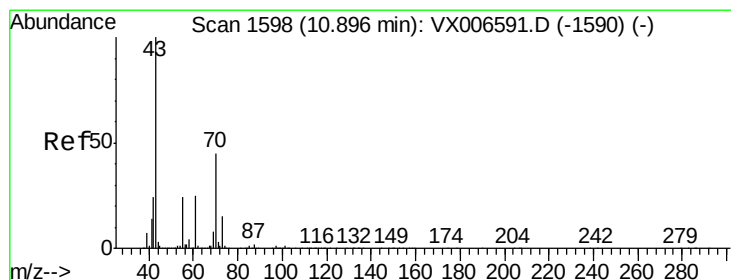
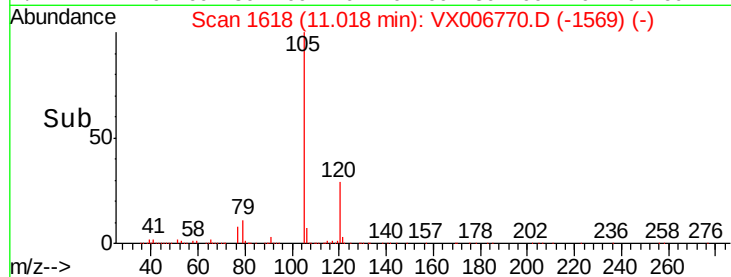
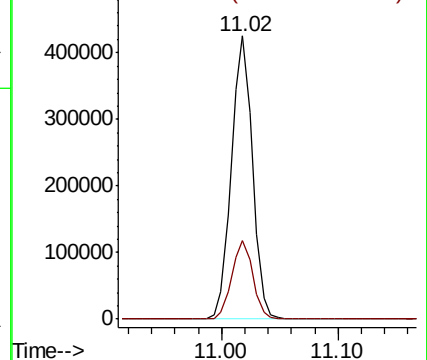
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.180 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Tgt Ion: 43 Resp: 200930

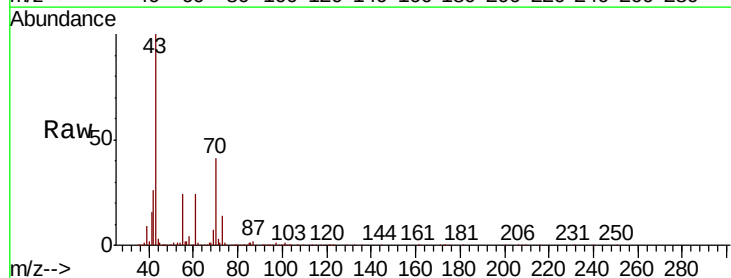
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.5 19.4 29.0

61 24.6 20.1 30.1

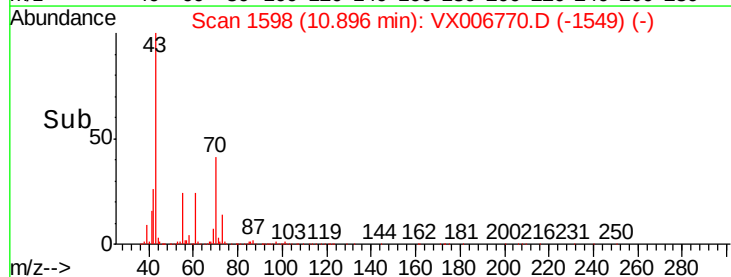
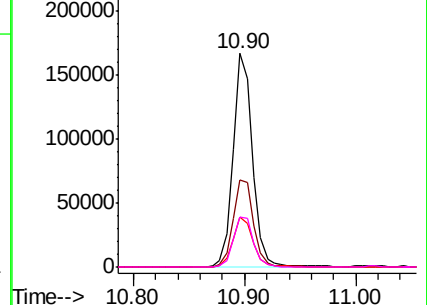


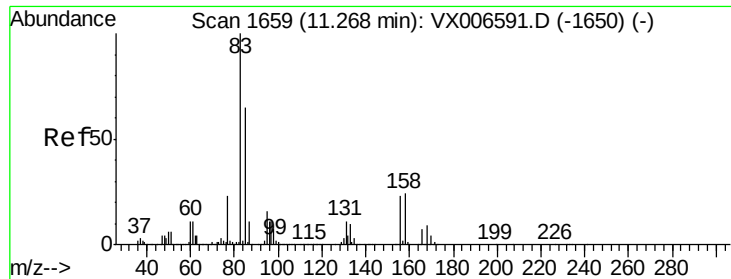
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

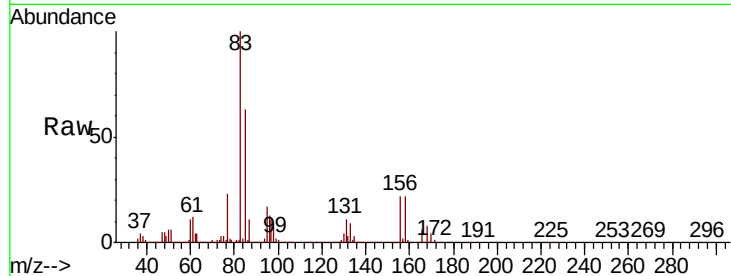
Tot Ion: 83 Resp: 168211

Ion Ratio Lower Upper

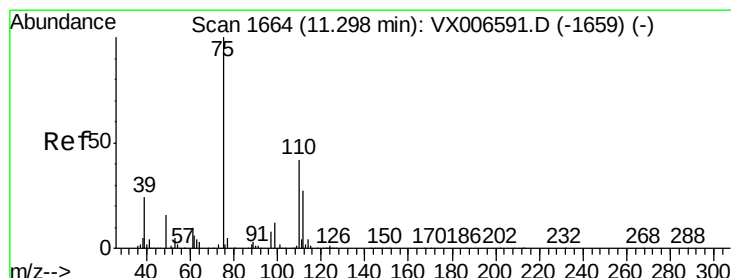
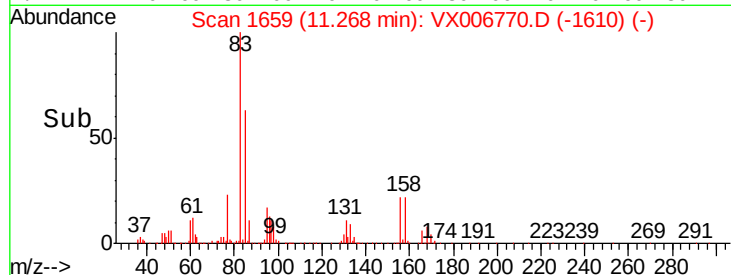
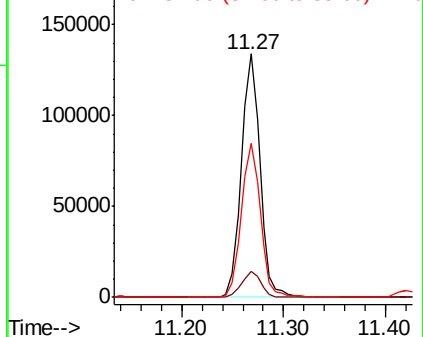
83 100

131 11.1 5.7 17.1

85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.055 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006770.D

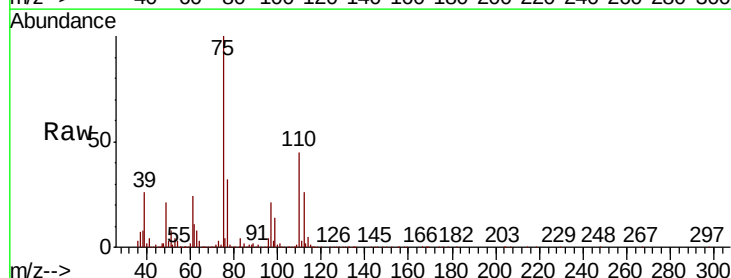
Acq: 22 Dec 2018 14:23

Tgt Ion: 75 Resp: 165996

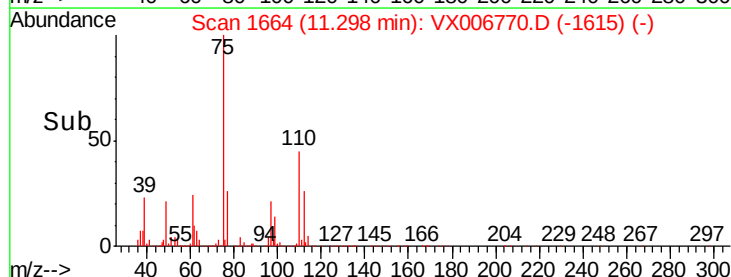
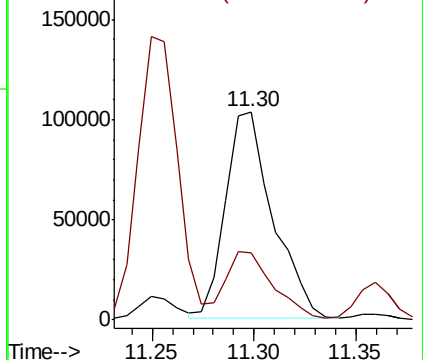
Ion Ratio Lower Upper

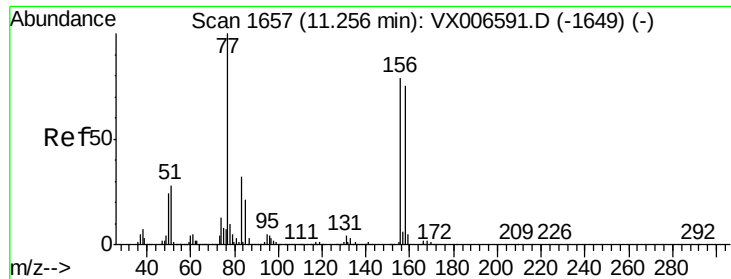
75 100

77 33.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.817 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

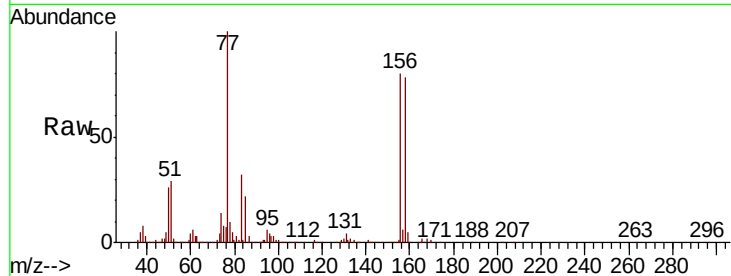
Tot Ion:156 Resp: 141999

Ion Ratio Lower Upper

156 100

77 134.5 68.0 204.0

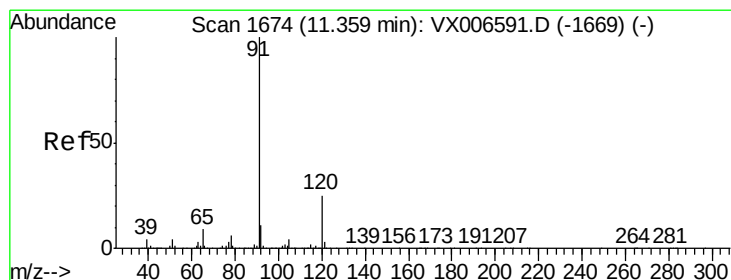
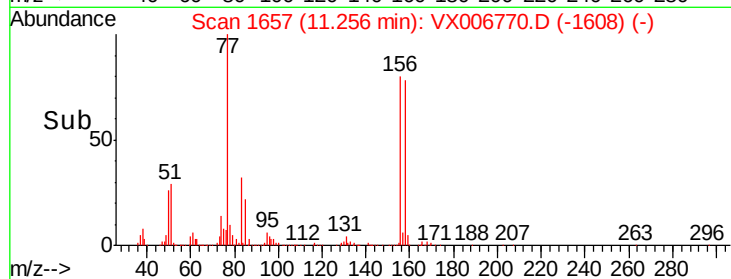
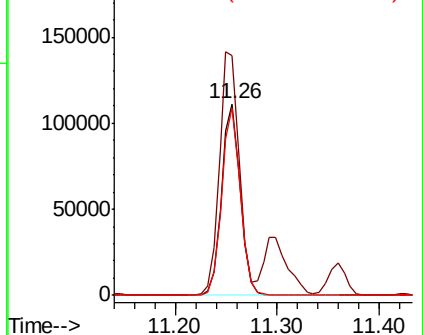
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.024 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006770.D

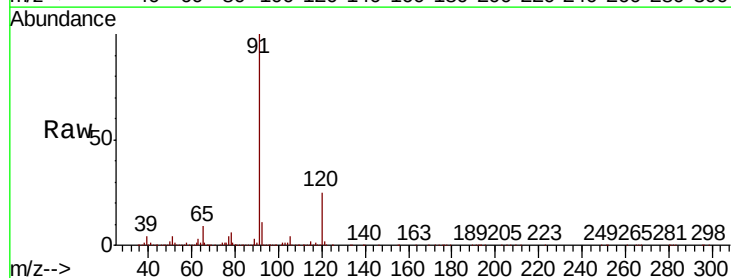
Acq: 22 Dec 2018 14:23

Tgt Ion: 91 Resp: 584438

Ion Ratio Lower Upper

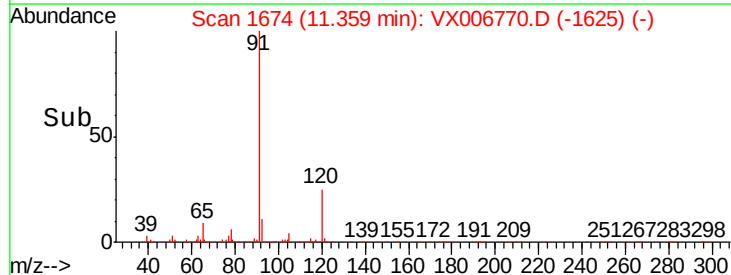
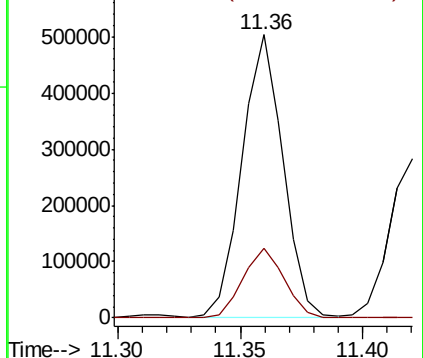
91 100

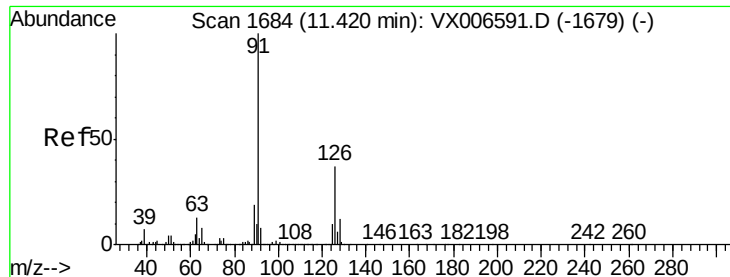
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.606 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

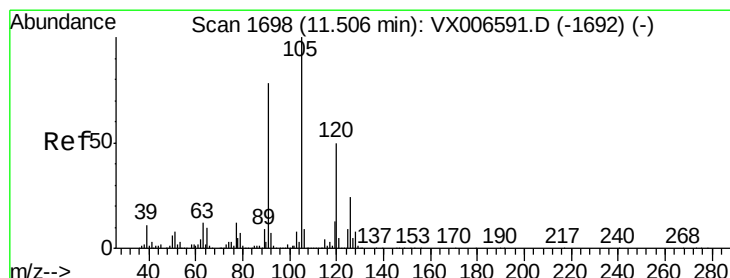
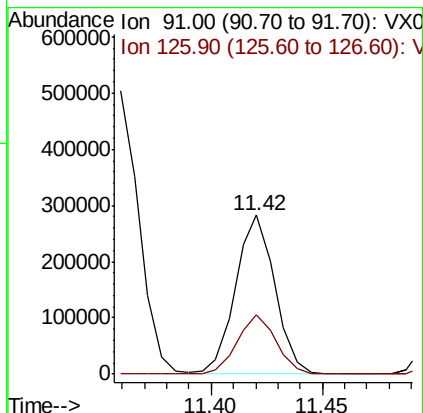
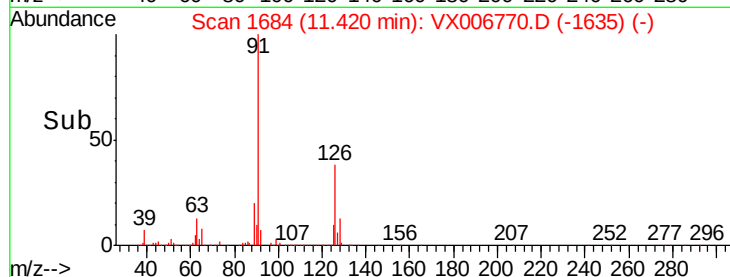
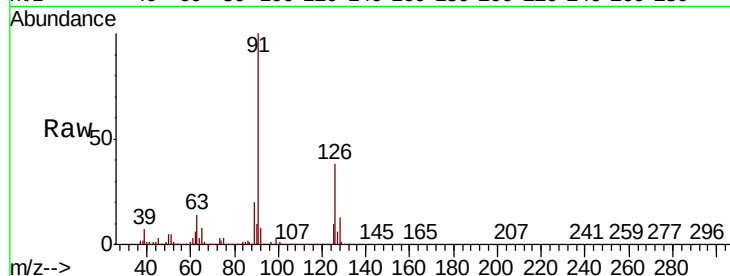
ClientSampleId :

Tot Ion: 91 Resp: 346769

Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006770.D

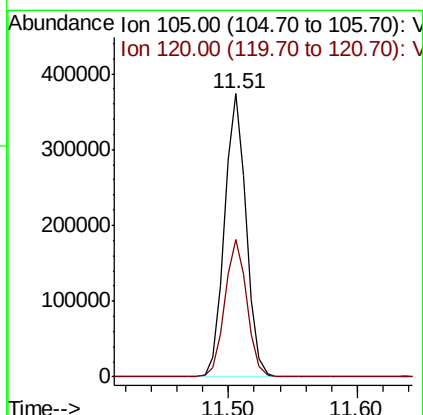
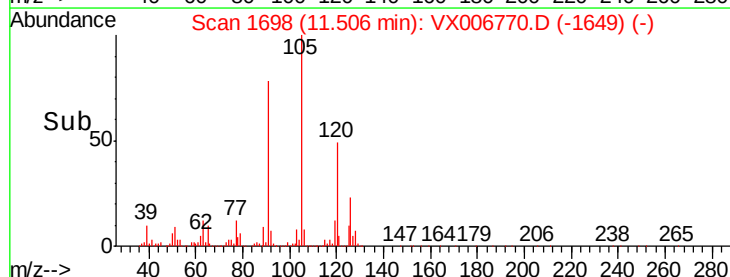
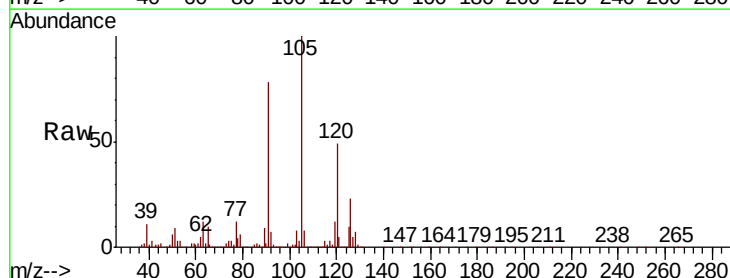
Acq: 22 Dec 2018 14:23

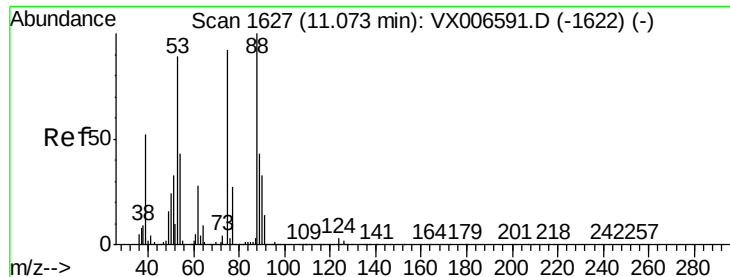
Tgt Ion: 105 Resp: 442183

Ion Ratio Lower Upper

105 100

120 49.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.252 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006770.D

Acq: 22 Dec 2018 14:23

Instrument :

MSVOA_X

ClientSampleId :

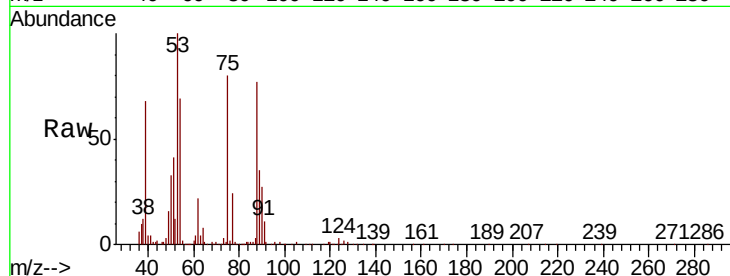
Tot Ion: 75 Resp: 31066

Ion Ratio Lower Upper

75 100

53 128.1 79.7 119.5#

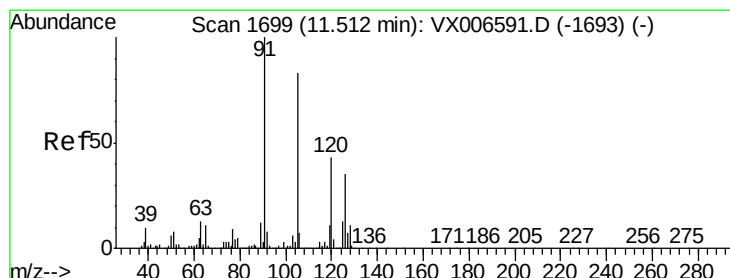
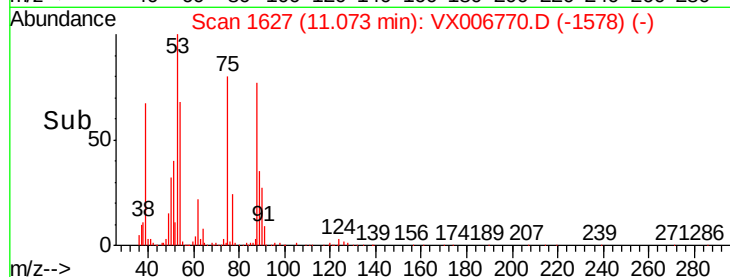
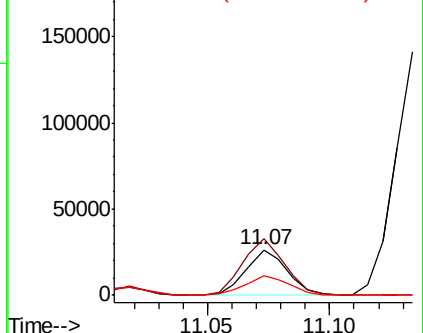
89 45.9 38.0 57.0



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: 19.565 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006770.D

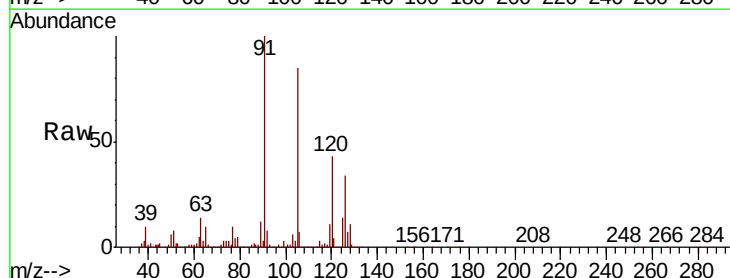
Acq: 22 Dec 2018 14:23

Tgt Ion: 91 Resp: 396938

Ion Ratio Lower Upper

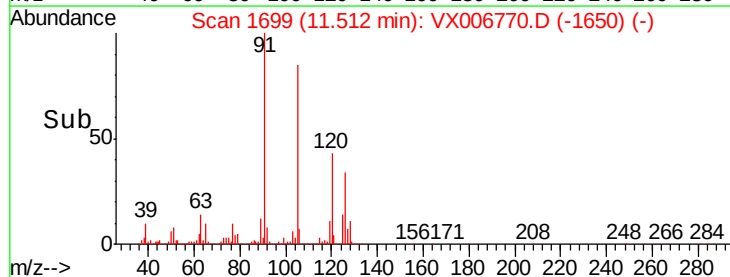
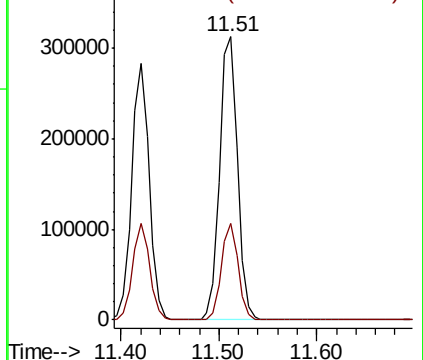
91 100

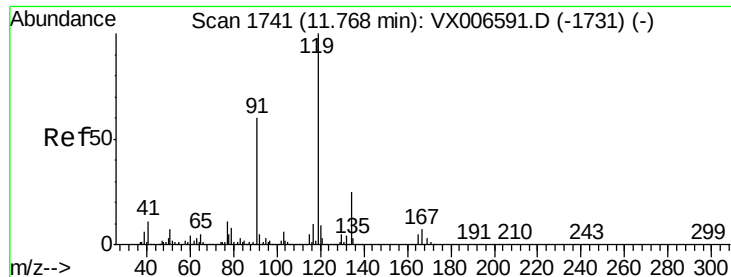
126 31.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

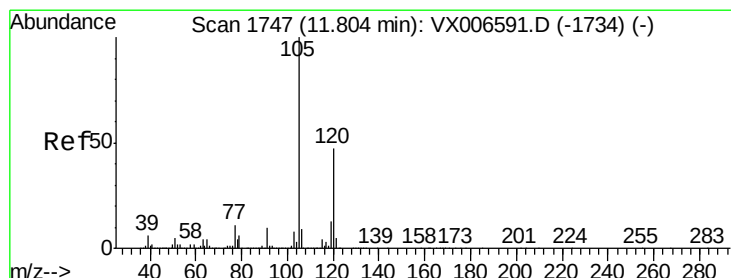
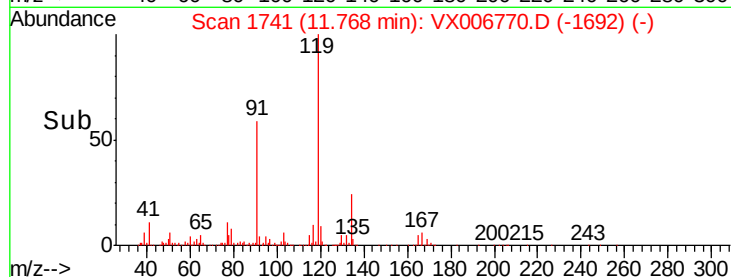
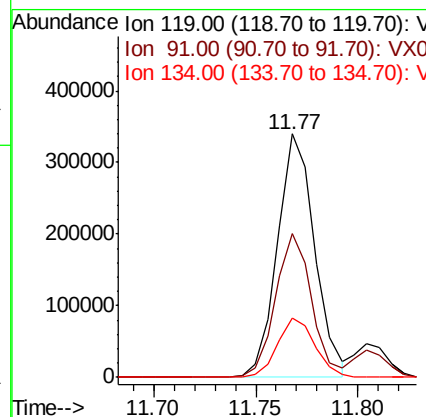
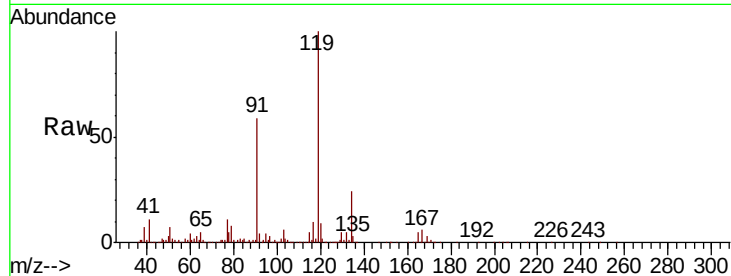




#83
 tert-Butylbenzene
 Concen: 19.831 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

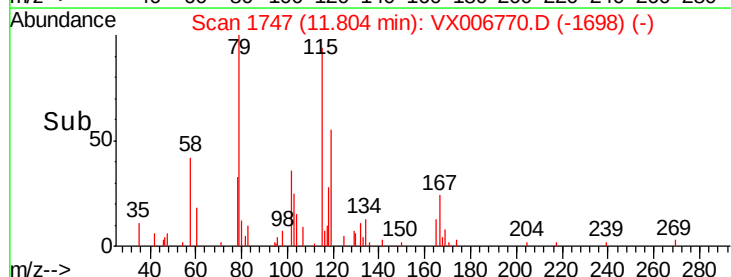
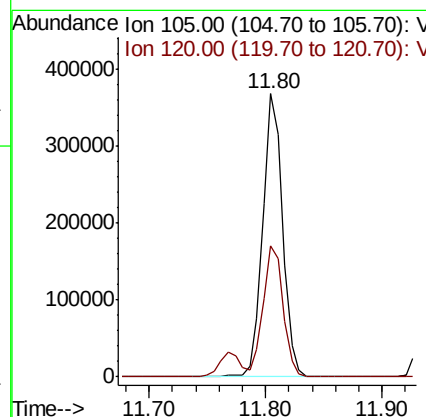
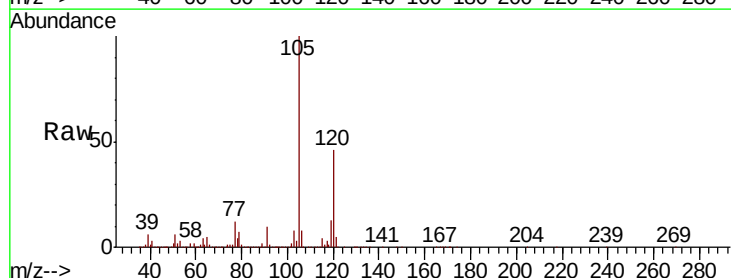
Instrument :
 MSVOA_X
 ClientSampled :

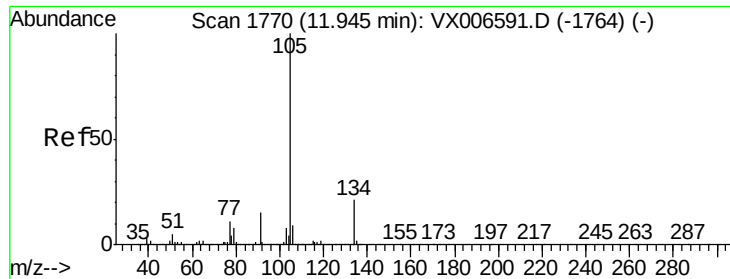
Tot Ion:119 Resp: 433299
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.7 83.1
 134 24.6 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.227 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion:105 Resp: 441487
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

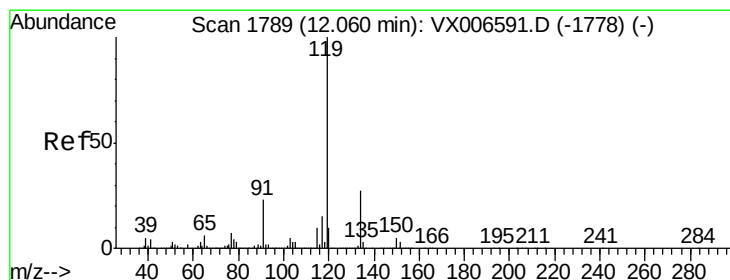
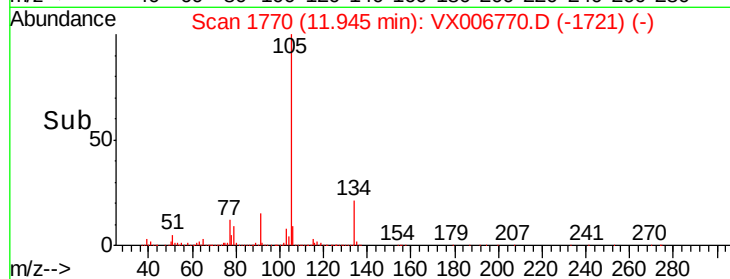
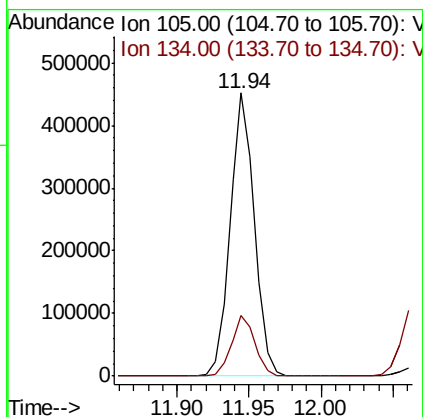
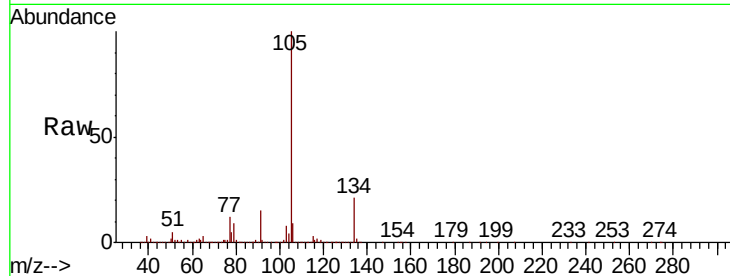




#85
 sec-Butylbenzene
 Concen: 19.809 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

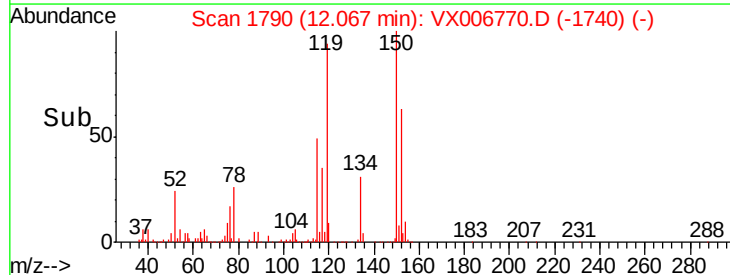
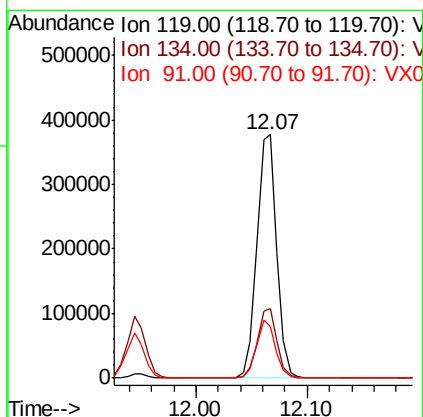
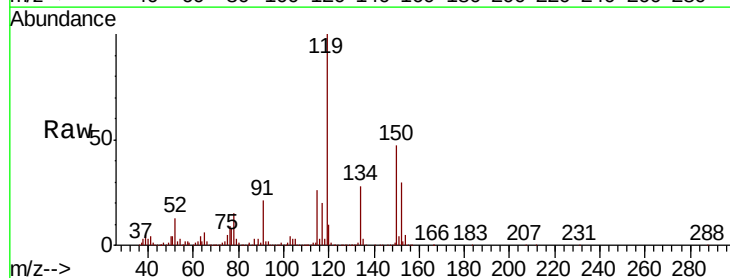
Instrument :
 MSVOA_X
 ClientSampled :

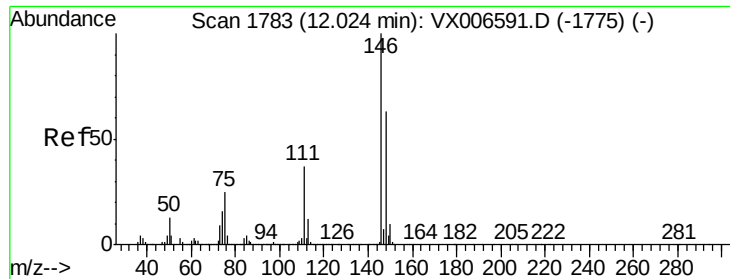
Tot Ion:105 Resp: 530643
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.823 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion:119 Resp: 466779
 Ion Ratio Lower Upper
 119 100
 134 28.2 14.0 41.9
 91 22.6 11.3 33.9

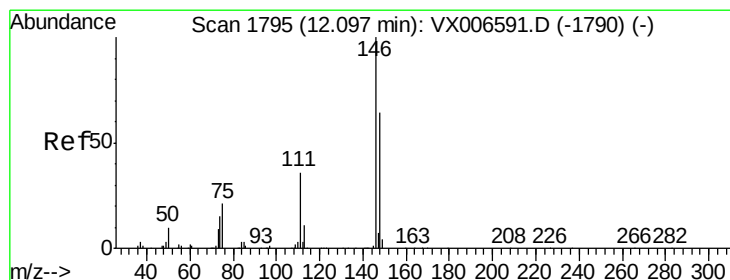
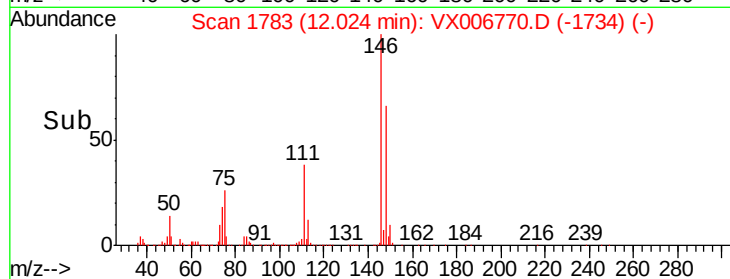
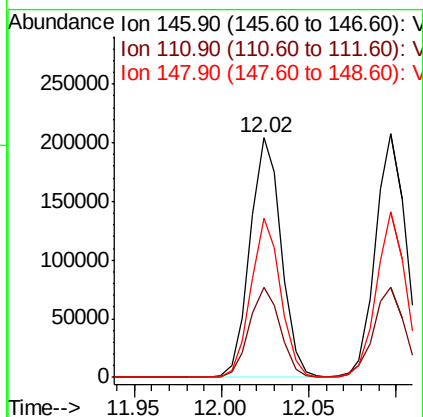
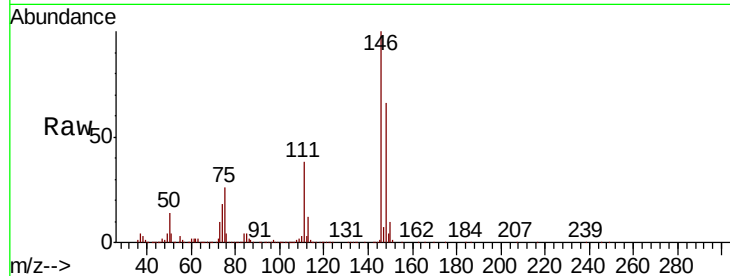




#87
 1,3-Dichlorobenzene
 Concen: 19.563 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

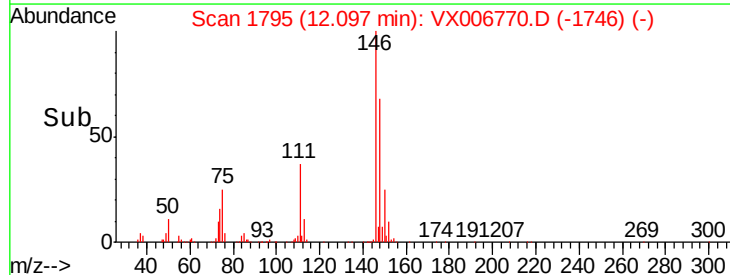
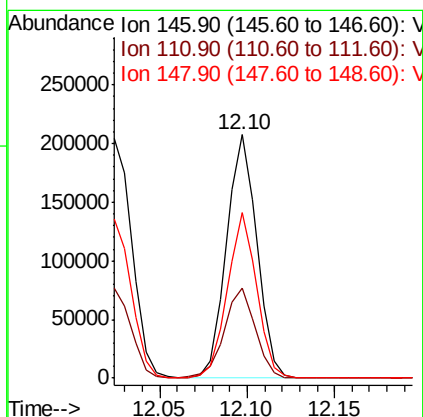
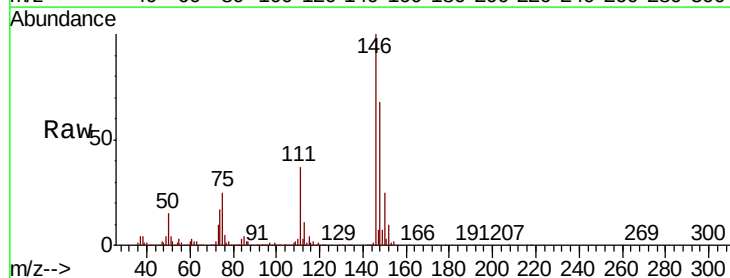
Instrument :
 MSVOA_X
 ClientSampleId :

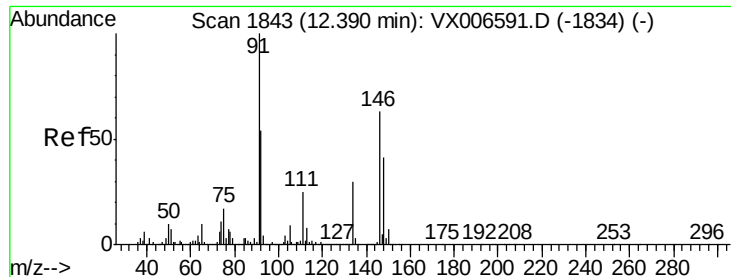
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.904 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	65.4	31.9	95.9

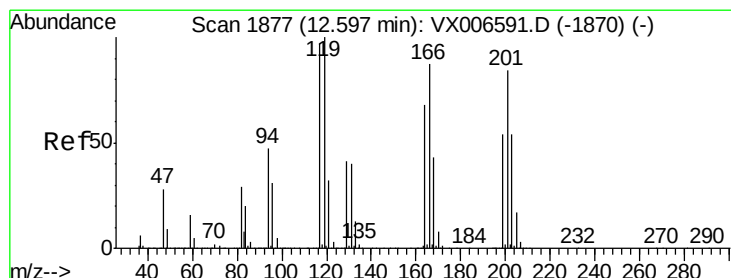
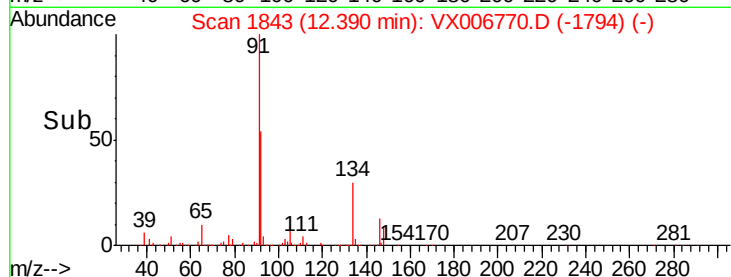
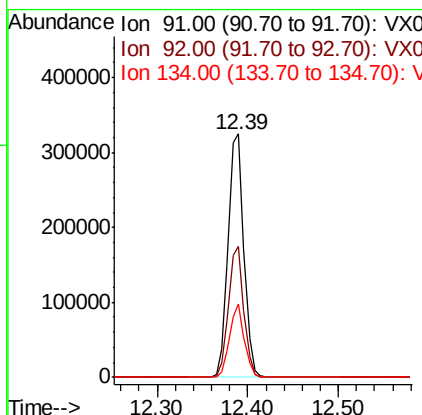
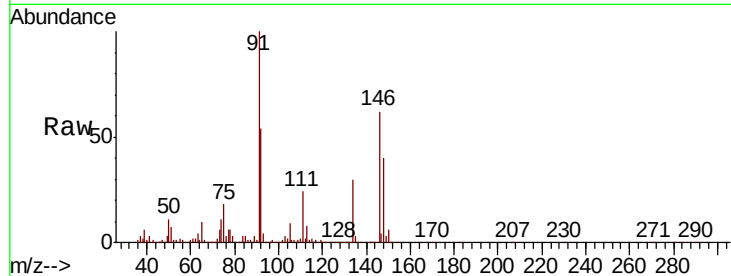




#89
n-Butylbenzene
Concen: 19.543 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

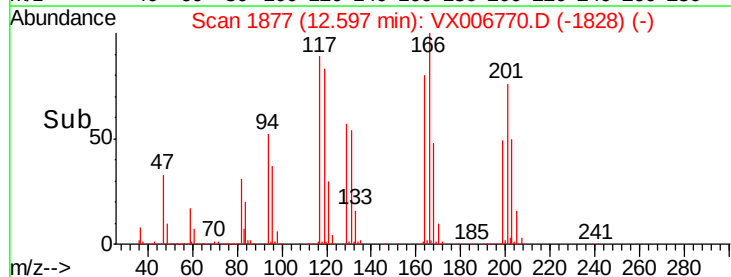
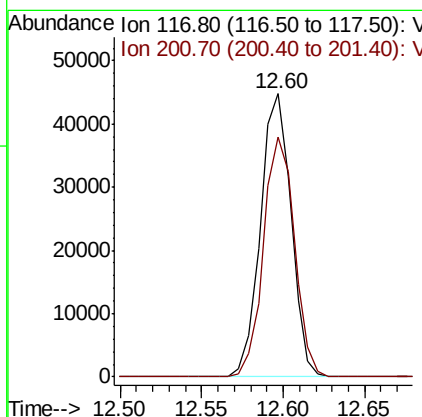
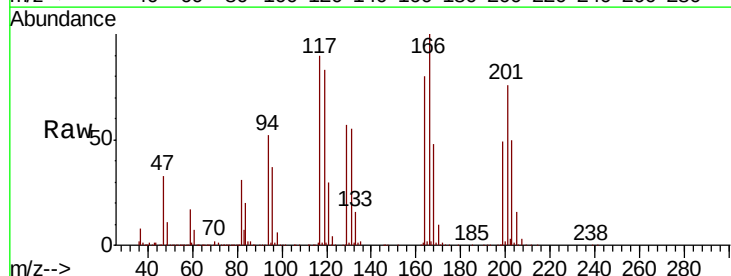
Instrument :
MSVOA_X
ClientSampled :

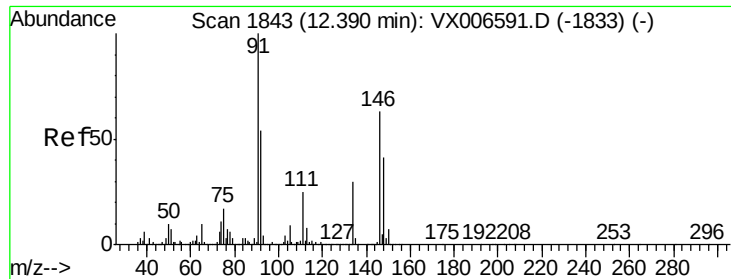
Tot Ion: 91 Resp: 391653
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 18.101 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion: 117 Resp: 58419
Ion Ratio Lower Upper
117 100
201 85.6 42.9 128.7

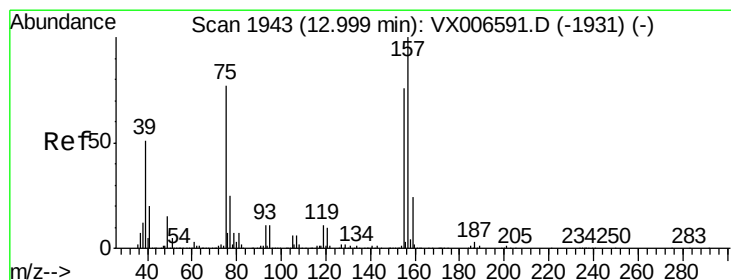
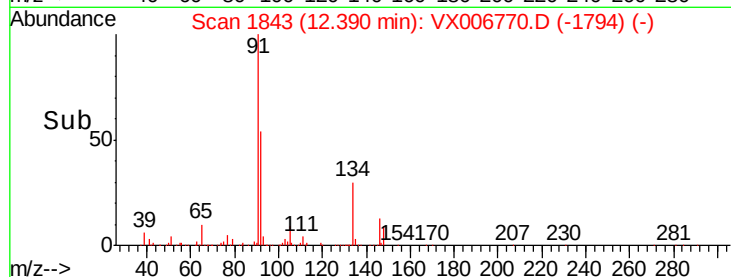
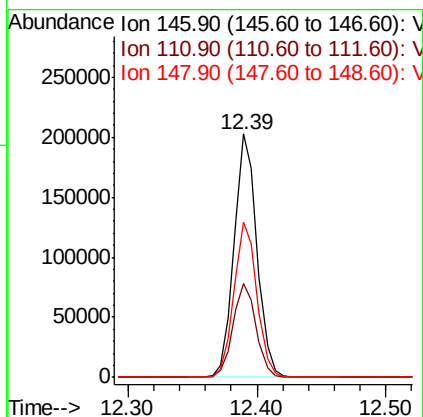
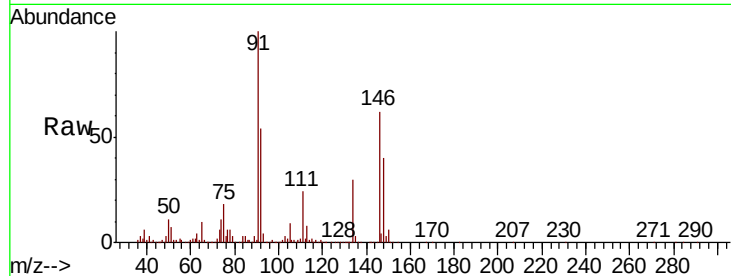




#91
 1,2-Dichlorobenzene
 Concen: 19.422 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

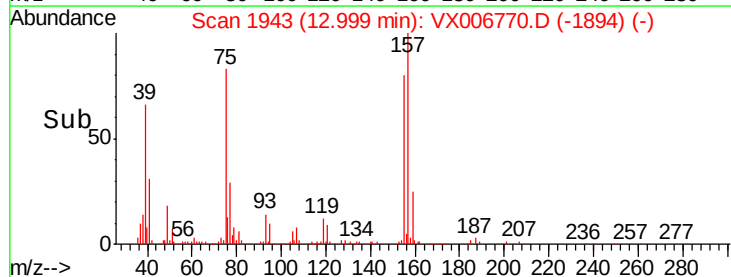
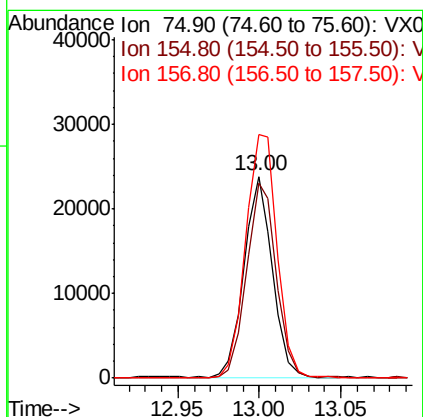
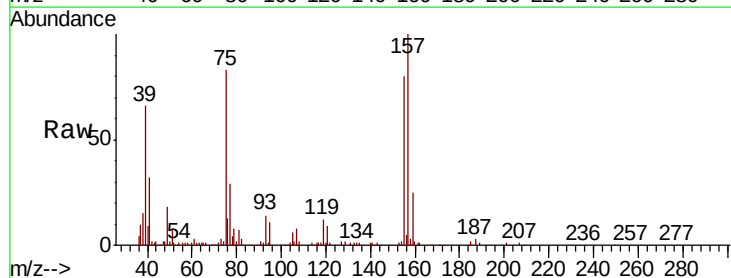
Instrument :
 MSVOA_X
 ClientSampleId :

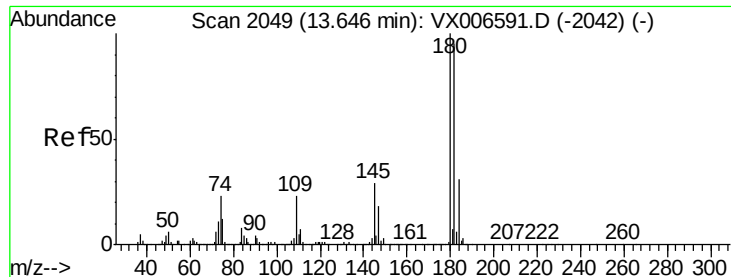
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.664 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.9	50.6	151.8
157	134.4	64.6	193.8

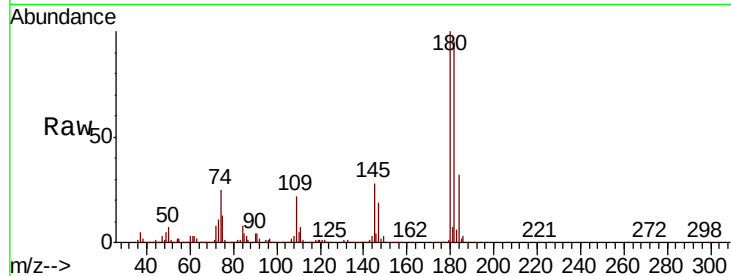




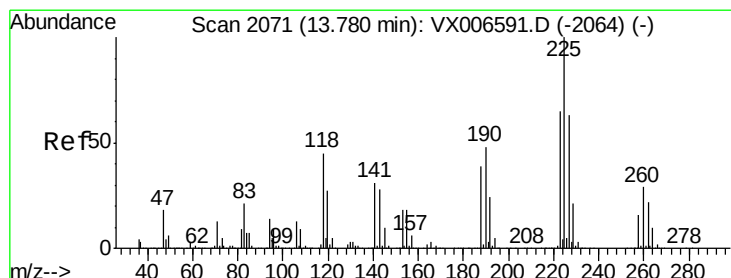
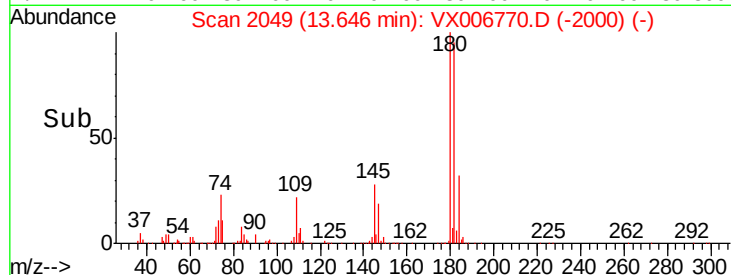
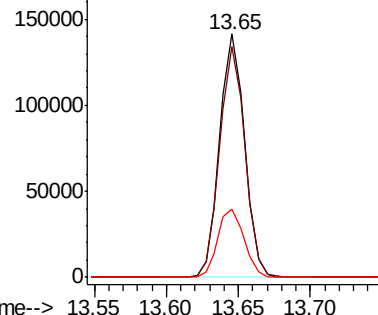
#93
 1,2,4-Trichlorobenzene
 Concen: 19.010 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	29.5	14.8	44.3

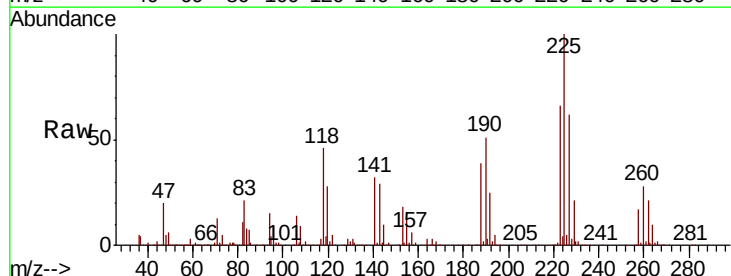


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

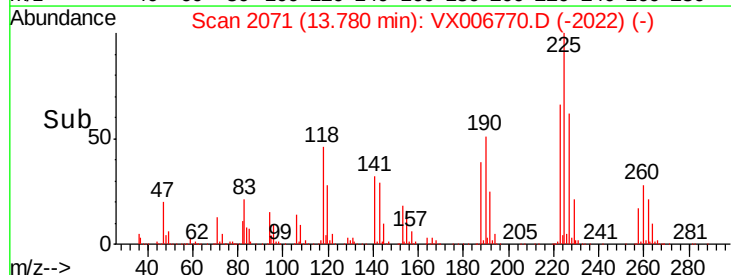
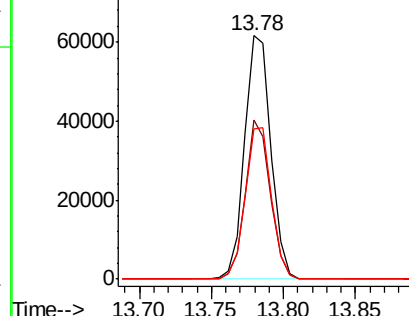


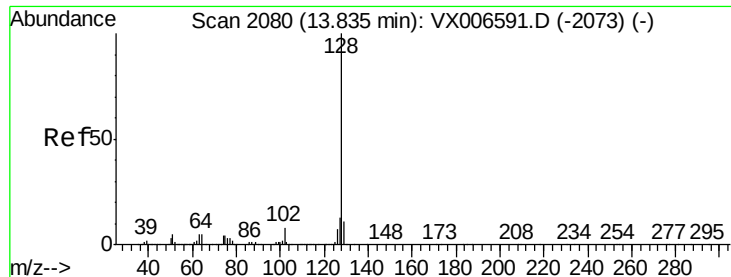
#94
 Hexachlorobutadiene
 Concen: 18.500 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006770.D
 Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.1	96.3
227	62.4	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

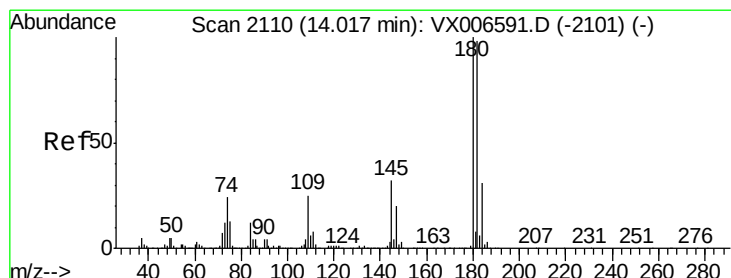
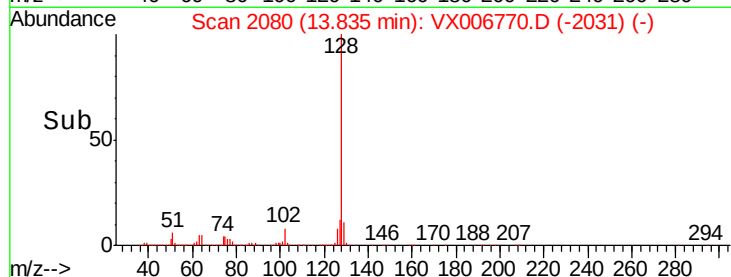
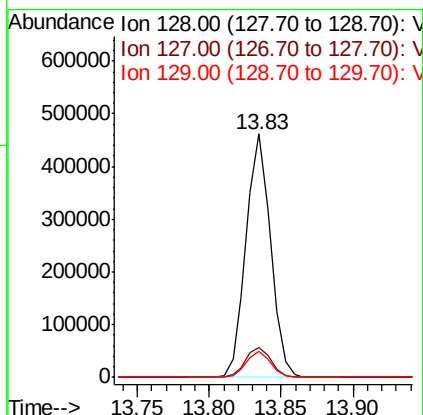
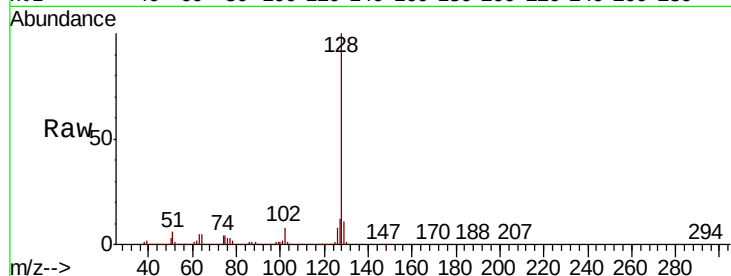




#95
Naphthalene
Concen: 19.168 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.028 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006770.D
Acq: 22 Dec 2018 14:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.5	145.5
145	30.6	16.0	47.9

