

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005683.D
 Acq On : 30 Oct 2018 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 15:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118567	41.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.34%	
35) Dibromofluoromethane	5.50	113	96564	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
50) Toluene-d8	8.71	98	369415	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
62) 4-Bromofluorobenzene	11.14	95	142166	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	141159	61.35	ug/l	100
3) Chloromethane	1.32	50	147947	50.49	ug/l	99
4) Vinyl Chloride	1.40	62	152051	52.78	ug/l	99
5) Bromomethane	1.64	94	81959	45.72	ug/l	98
6) Chloroethane	1.71	64	89115	48.42	ug/l	99
7) Trichlorofluoromethane	1.92	101	208024	51.96	ug/l	98
8) Diethyl Ether	2.18	74	81097	50.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121341	52.83	ug/l	99
10) Methyl Iodide	2.51	142	131088	54.39	ug/l	98
11) Tert butyl alcohol	3.07	59	186113	243.07	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111857	51.12	ug/l	99
13) Acrolein	2.29	56	80614	206.40	ug/l	100
14) Allyl chloride	2.73	41	243218	49.81	ug/l	98
15) Acrylonitrile	3.15	53	410563	239.13	ug/l	100
16) Acetone	2.44	43	417666	277.79	ug/l	99
17) Carbon Disulfide	2.57	76	332957	49.92	ug/l	100
18) Methyl Acetate	2.78	43	198234	53.47	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	398445	51.05	ug/l	99
20) Methylene Chloride	2.85	84	124070	49.27	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119362	49.96	ug/l	96
22) Diisopropyl ether	3.87	45	440524	51.66	ug/l	# 97
23) Vinyl Acetate	3.82	43	1979156	263.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231224	49.87	ug/l	100
25) 2-Butanone	4.70	43	570068	248.99	ug/l	99
26) 2,2-Dichloropropane	4.58	77	179595	50.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	126068	48.95	ug/l	99
28) Bromochloromethane	5.01	49	93762	41.81	ug/l	96
29) Tetrahydrofuran	5.15	42	352957	236.88	ug/l	99
30) Chloroform	5.21	83	211121	48.68	ug/l	96
31) Cyclohexane	5.57	56	198534	51.75	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	187932	49.10	ug/l	98
36) 1,1-Dichloropropene	5.80	75	167340	49.59	ug/l	98
37) Ethyl Acetate	4.85	43	201215	46.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	167486	47.13	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197843	53.10	ug/l	99
40) Benzene	6.14	78	483892	50.03	ug/l	91
41) Methacrylonitrile	5.06	41	110514	46.08	ug/l	98
42) 1,2-Dichloroethane	6.20	62	175206	47.68	ug/l	100
43) Isopropyl Acetate	6.46	43	308006	47.74	ug/l	96
44) Trichloroethene	7.21	130	132545	50.30	ug/l	97
45) 1,2-Dichloropropane	7.51	63	132310	50.88	ug/l	98
46) Dibromomethane	7.66	93	84040	50.04	ug/l	99
47) Bromodichloromethane	7.90	83	161137	49.43	ug/l	98
48) Methyl methacrylate	7.77	41	160084	50.93	ug/l	99
49) 1,4-Dioxane	7.75	88	67451	981.96	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1068928	246.51	ug/l	99
52) Toluene	8.78	92	300294	51.08	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	185329	52.61	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	199435	52.58	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121492	49.02	ug/l	98
56) Ethyl methacrylate	9.18	69	195808	52.97	ug/l	97
57) 1,3-Dichloropropane	9.37	76	205858	49.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	569779	275.97	ug/l	100
59) 2-Hexanone	9.49	43	872437	255.18	ug/l	99
60) Dibromochloromethane	9.59	129	131118	50.71	ug/l	99
61) 1,2-Dibromoethane	9.67	107	129007	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	138499	54.32	ug/l	97
65) Chlorobenzene	10.14	112	339466	51.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125970	52.83	ug/l	99
67) Ethyl Benzene	10.25	91	588775	54.72	ug/l	100
68) m/p-Xylenes	10.36	106	460108	110.22	ug/l	99
69) o-Xylene	10.70	106	217893	55.48	ug/l	100
70) Styrene	10.71	104	370691	56.38	ug/l	100
71) Bromoform	10.86	173	112862	53.04	ug/l	98
73) Isopropylbenzene	11.02	105	605451	55.26	ug/l	99
74) N-amyl acetate	10.90	43	289071	53.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	201107	49.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	243297	64.07	ug/l	85
77) Bromobenzene	11.26	156	161150	52.78	ug/l	98
78) n-propylbenzene	11.36	91	704956	56.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	413454	53.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517093	55.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62133	53.46	ug/l	96
82) 4-Chlorotoluene	11.51	91	492568	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	514058	55.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	536541	56.49	ug/l	100
85) sec-Butylbenzene	11.94	105	623319	55.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	568269	57.02	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	304238	52.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	306492	51.14	ug/l	99
89) n-Butylbenzene	12.39	91	511828	56.89	ug/l	99
90) Hexachloroethane	12.60	117	92467	53.80	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	302420	52.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48506	49.63	ug/l	96

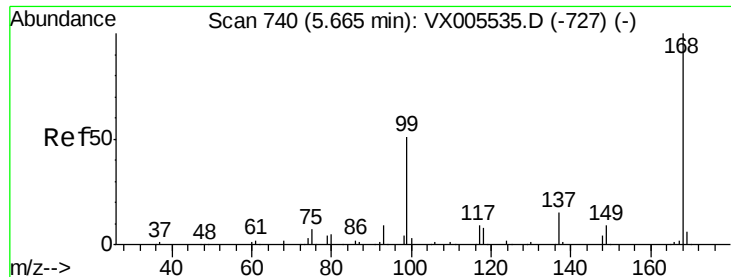
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232854	55.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	117510	53.85	ug/l	99
95) Naphthalene	13.83	128	688329	56.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	232620	54.50	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

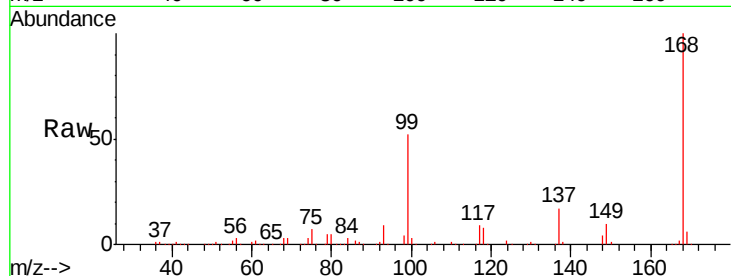
ClientSampled :

Tgt Ion:168 Resp: 233093

Ion Ratio Lower Upper

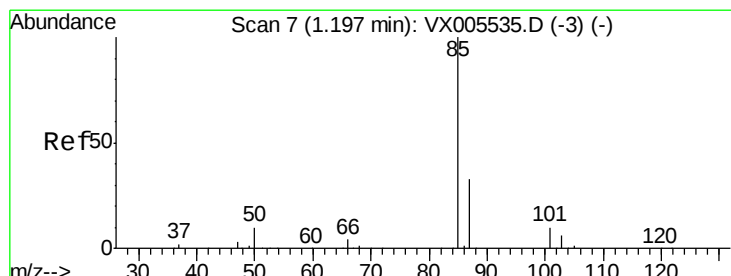
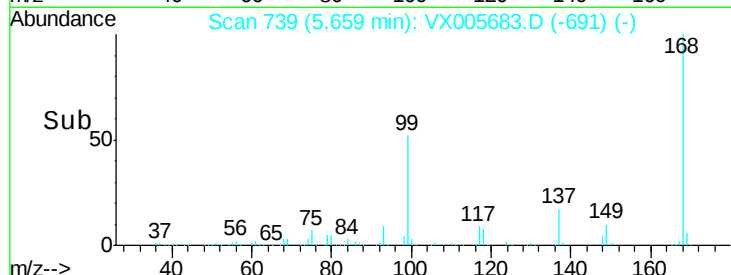
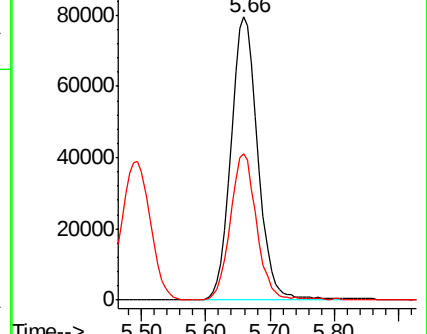
168 100

99 51.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 61.35 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005683.D

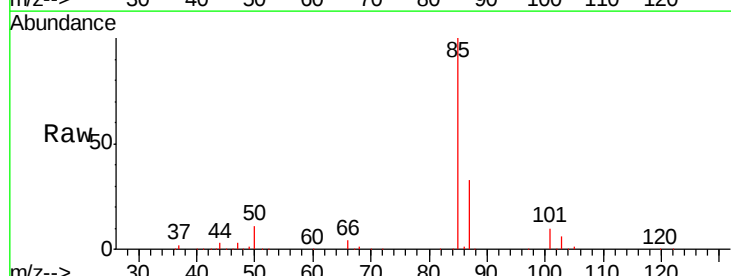
Acq: 30 Oct 2018 11:03

Tgt Ion: 85 Resp: 141159

Ion Ratio Lower Upper

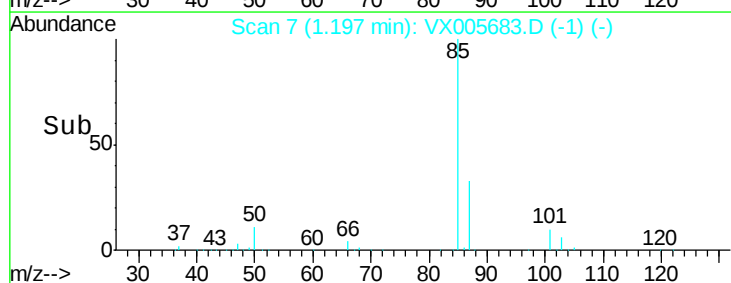
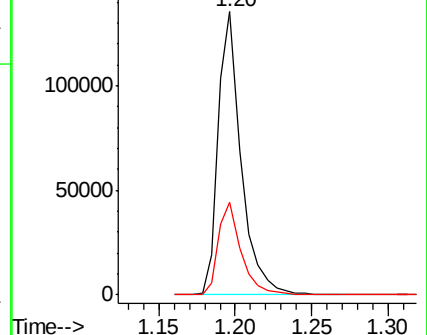
85 100

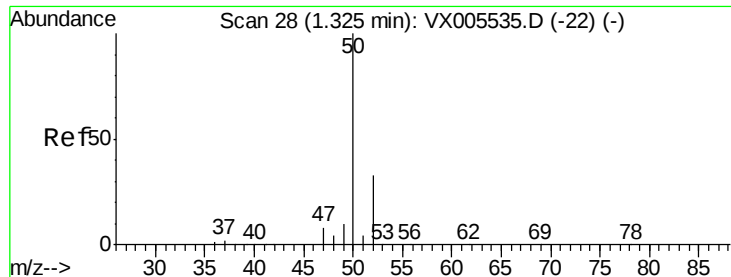
87 32.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

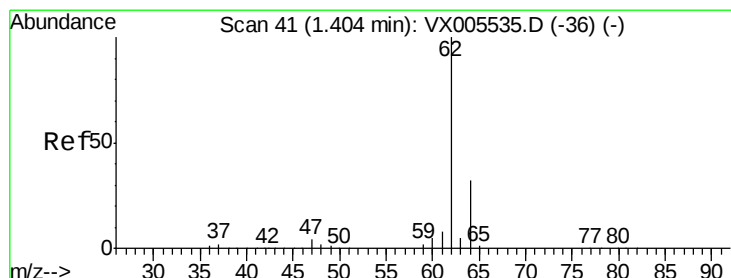
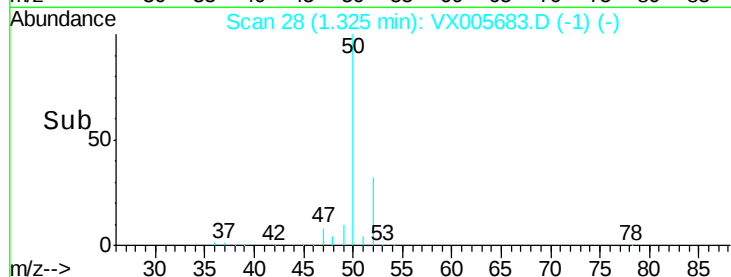
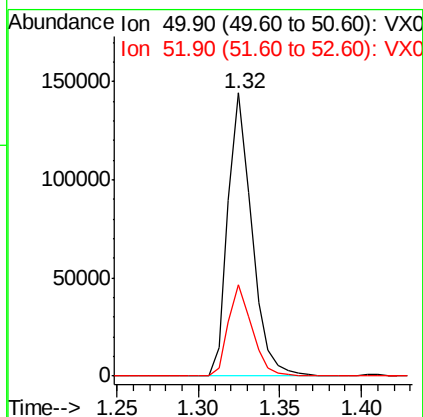
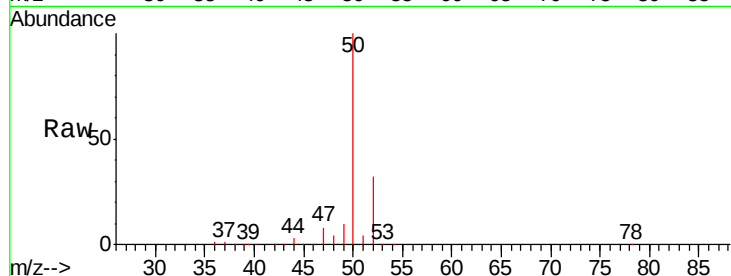




#3
Chloromethane
Concen: 50.49 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

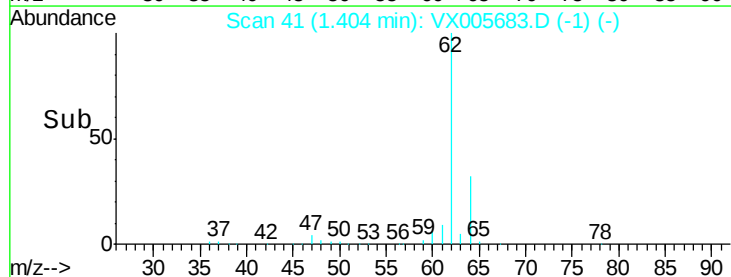
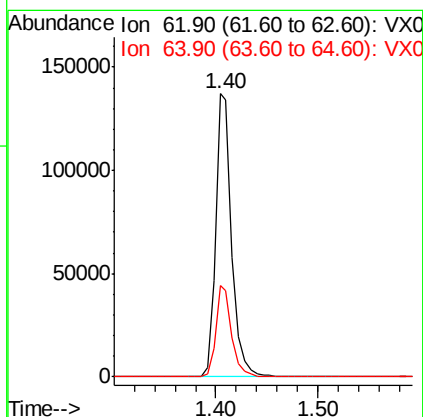
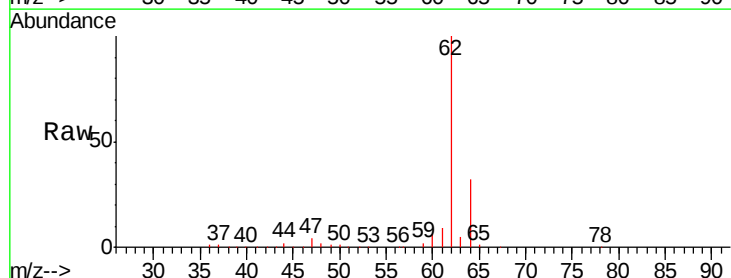
Instrument :
MSVOA_X
ClientSampleId :

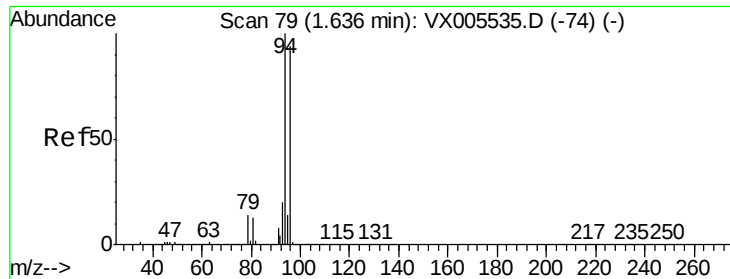
Tgt Ion: 50 Resp: 147947
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 52.78 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 62 Resp: 152051
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9

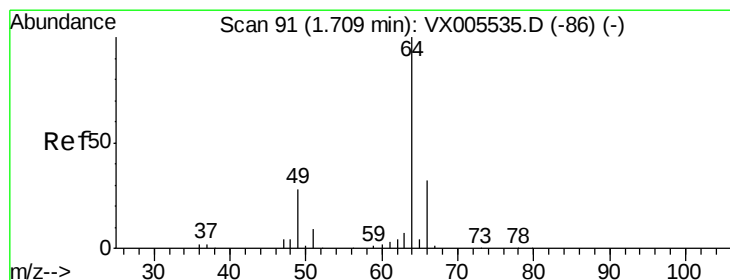
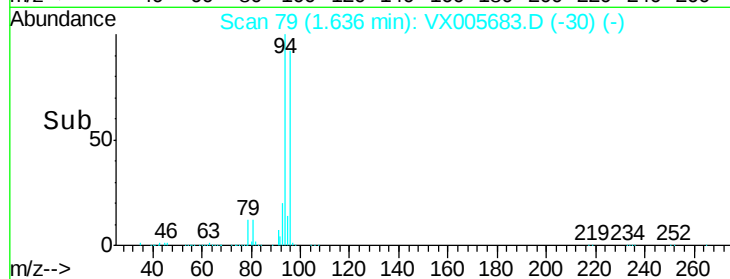
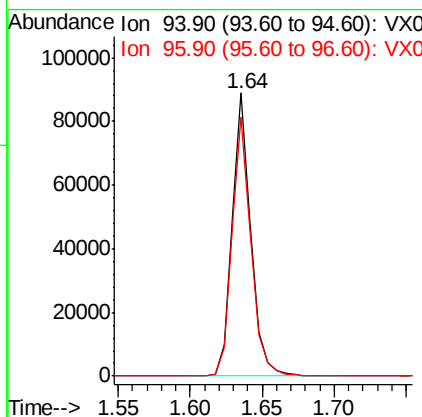
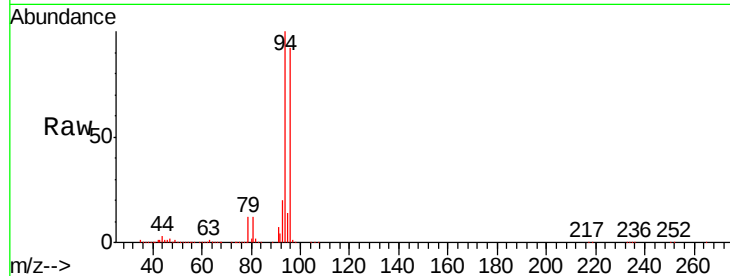




#5
 Bromomethane
 Concen: 45.72 ug/l
 RT: 1.64 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

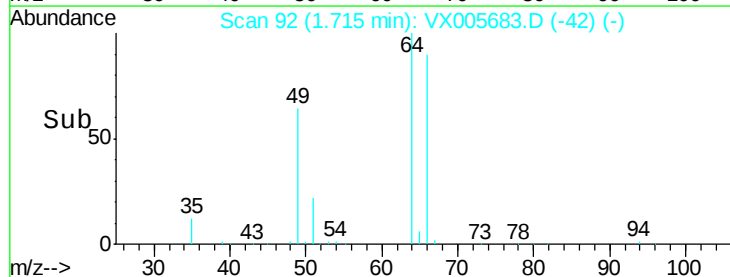
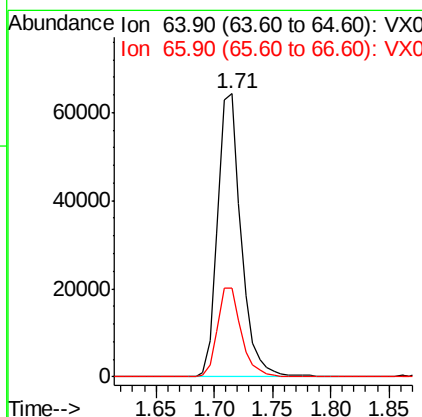
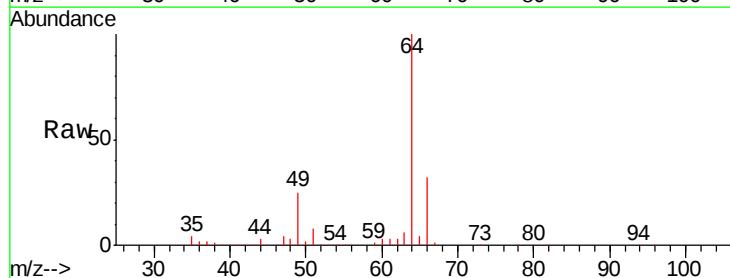
Instrument :
 MSVOA_X
 ClientSampleId :

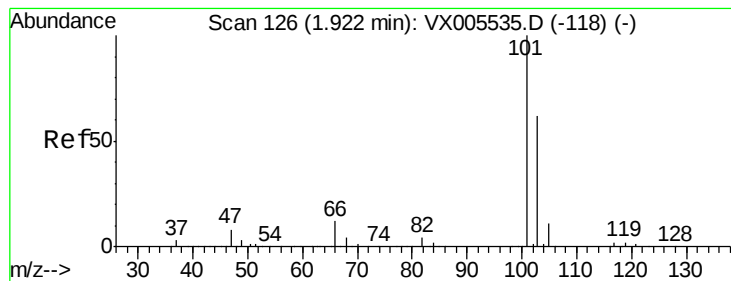
Tgt Ion: 94 Resp: 81959
 Ion Ratio Lower Upper
 94 100
 96 91.7 75.2 112.8



#6
 Chloroethane
 Concen: 48.42 ug/l
 RT: 1.71 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 64 Resp: 89115
 Ion Ratio Lower Upper
 64 100
 66 31.5 25.8 38.6





#7

Trichlorofluoromethane

Concen: 51.96 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

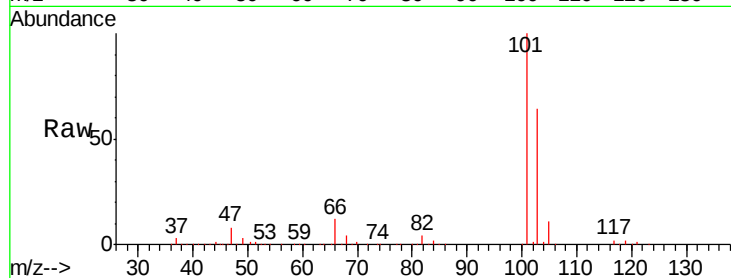
ClientSampleId :

Tgt Ion:101 Resp: 208024

Ion Ratio Lower Upper

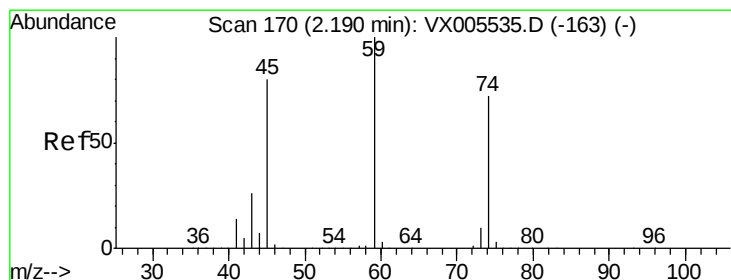
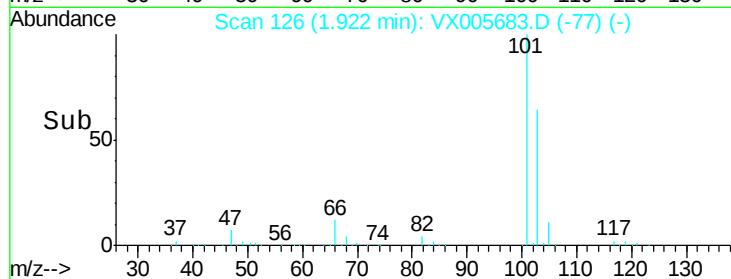
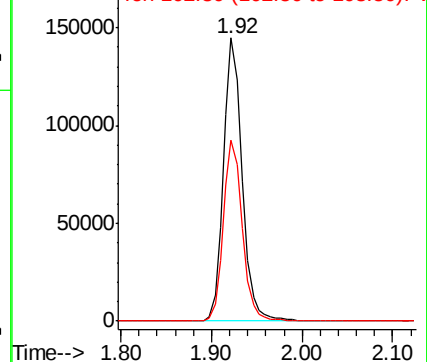
101 100

103 64.0 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.76 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX005683.D

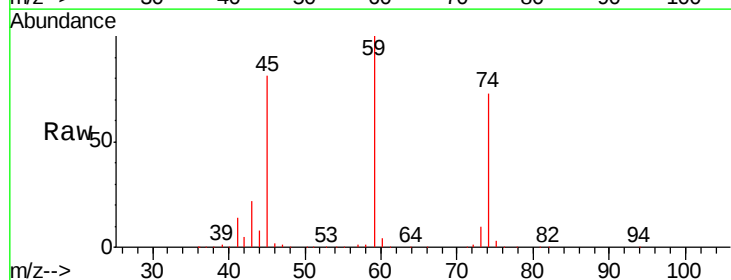
Acq: 30 Oct 2018 11:03

Tgt Ion: 74 Resp: 81097

Ion Ratio Lower Upper

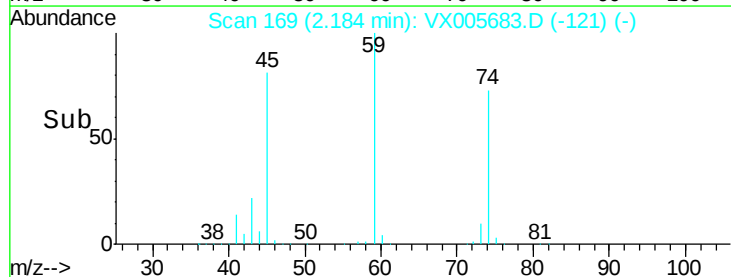
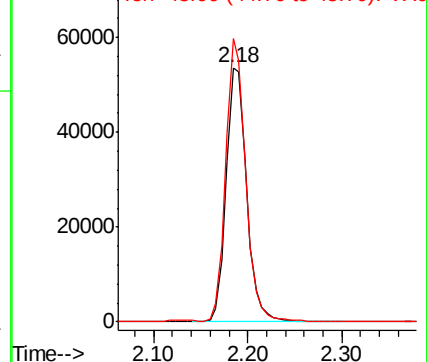
74 100

45 107.1 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.83 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

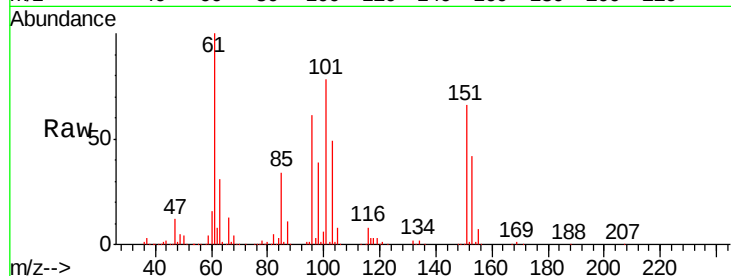
Tgt Ion:101 Resp: 121341

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

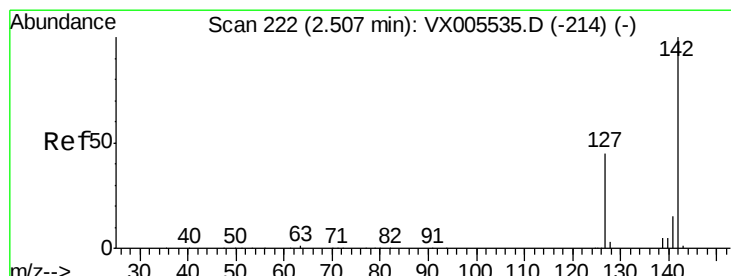
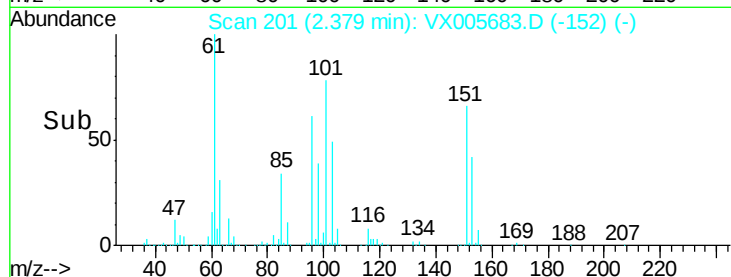
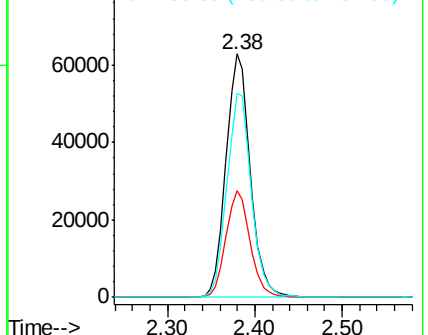
151 84.6 66.2 99.2



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: 54.39 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

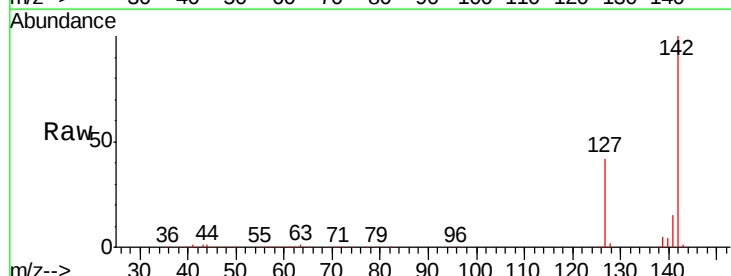
Tgt Ion:142 Resp: 131088

Ion Ratio Lower Upper

142 100

127 43.3 36.0 54.0

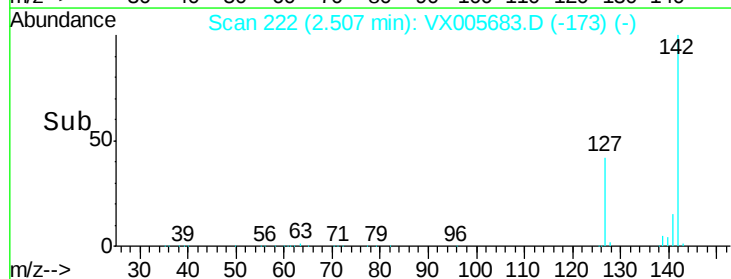
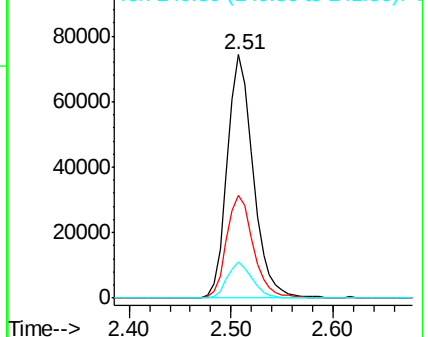
141 14.7 11.7 17.5

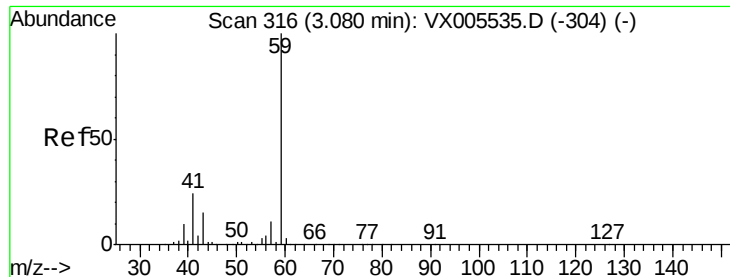


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

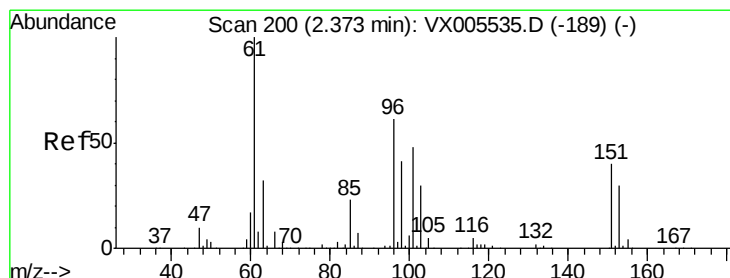
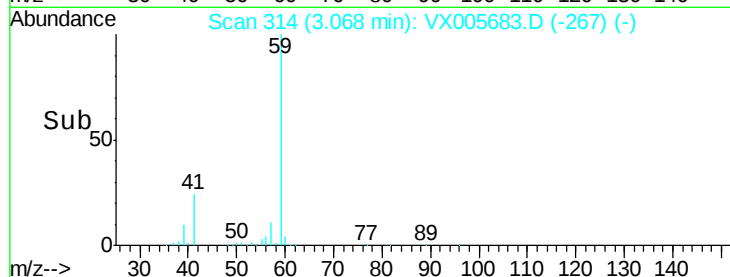
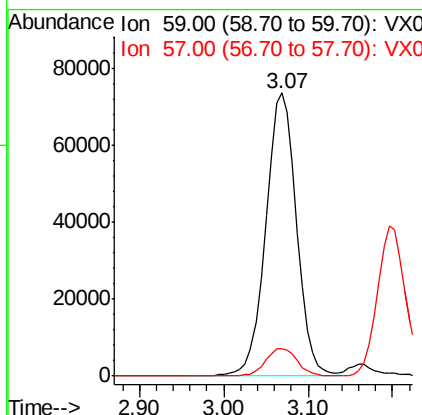
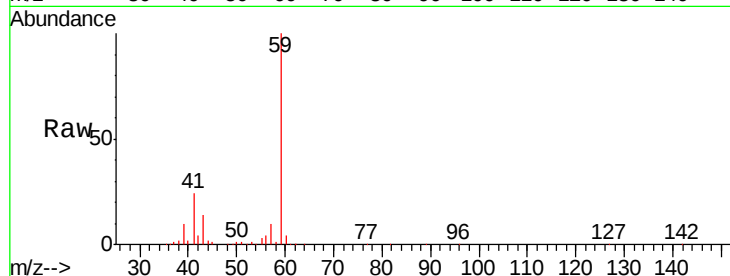




#11
Tert butyl alcohol
Concen: 243.07 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

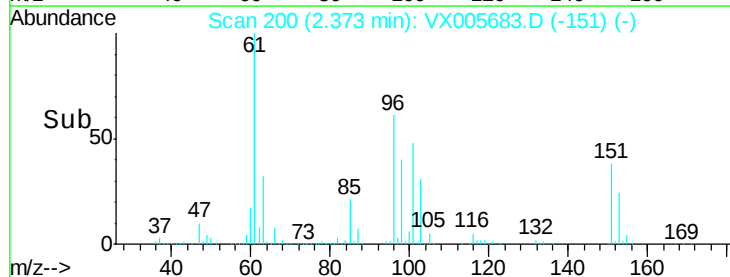
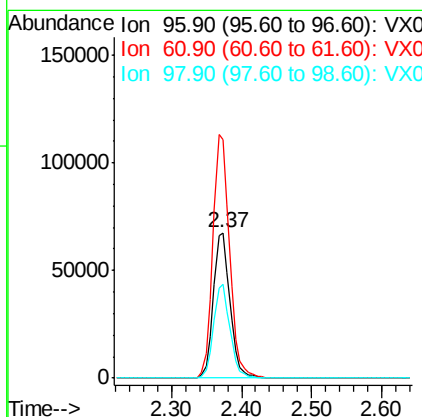
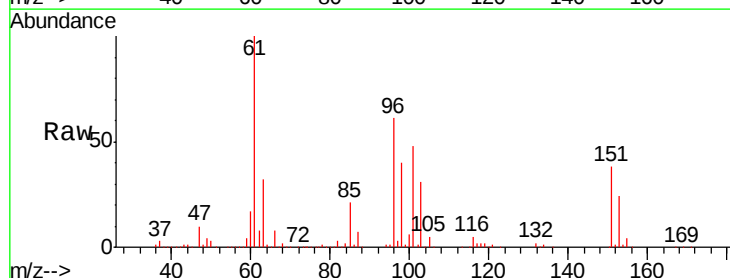
Instrument :
MSVOA_X
ClientSampled :

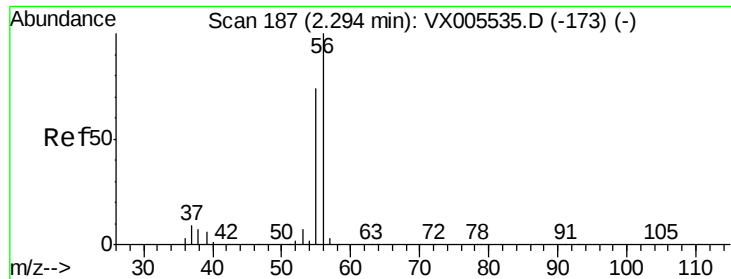
Tgt Ion: 59 Resp: 186113
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.12 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 96 Resp: 111857
Ion Ratio Lower Upper
96 100
61 163.8 131.8 197.8
98 64.8 53.4 80.2

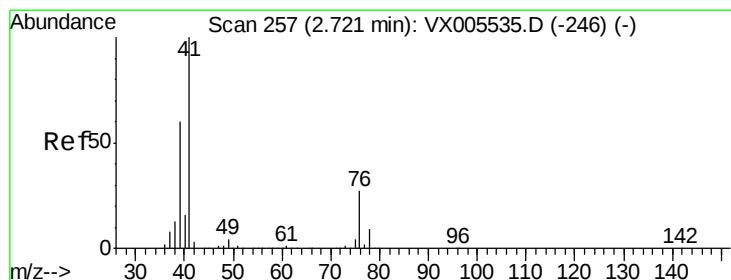
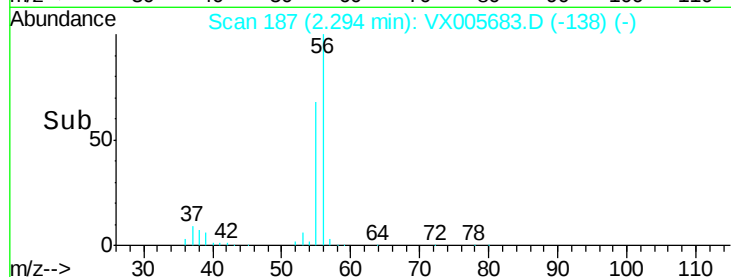
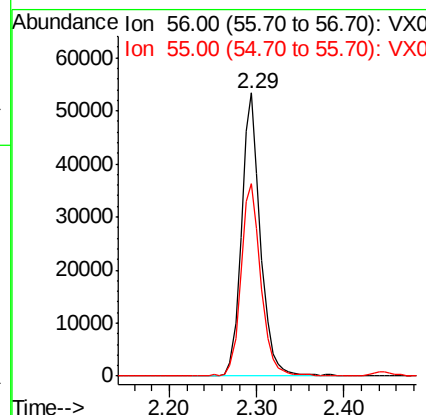
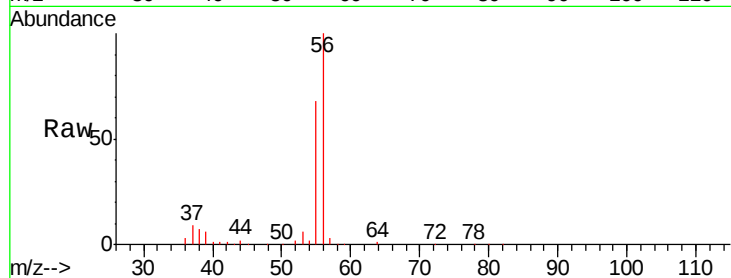




#13
 Acrolein
 Concen: 206.40 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

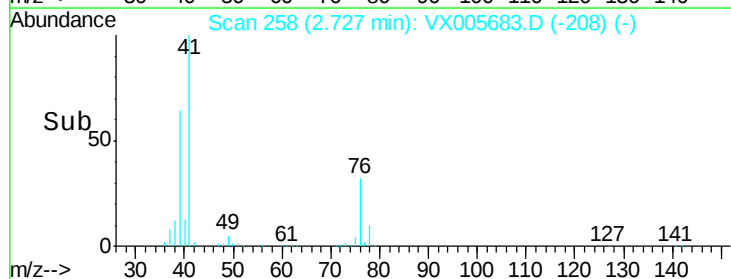
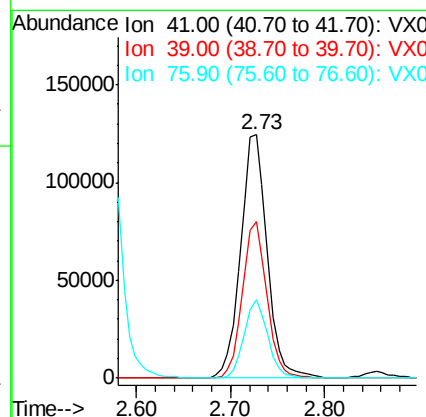
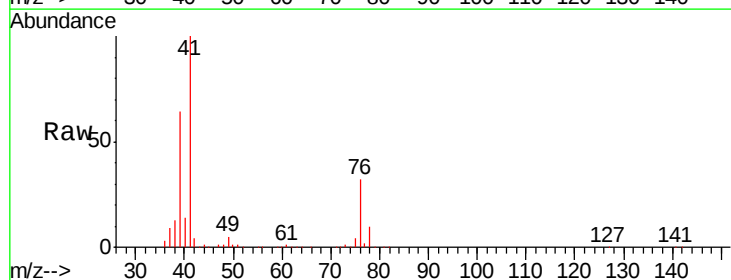
Instrument :
 MSVOA_X
 ClientSampleId :

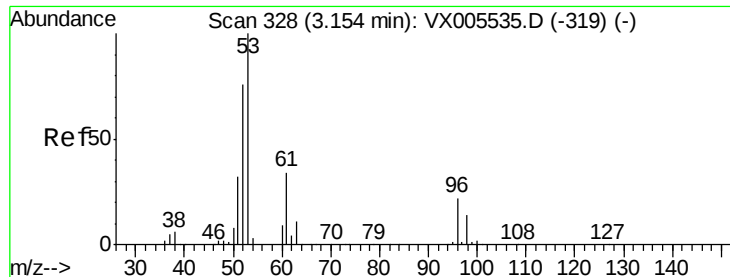
Tgt Ion: 56 Resp: 80614
 Ion Ratio Lower Upper
 56 100
 55 71.8 57.3 85.9



#14
 Allyl chloride
 Concen: 49.81 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 41 Resp: 243218
 Ion Ratio Lower Upper
 41 100
 39 59.5 48.2 72.4
 76 29.0 21.9 32.9





#15

Acrylonitrile

Concen: 239.13 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampled :

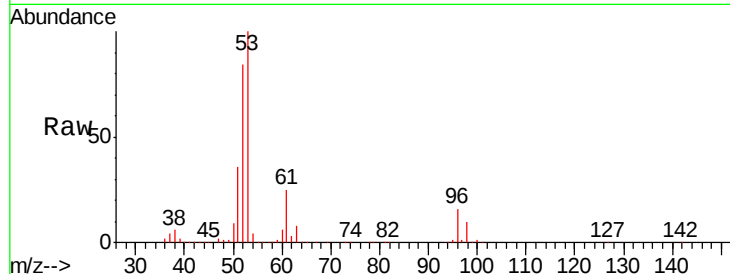
Tgt Ion: 53 Resp: 410563

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

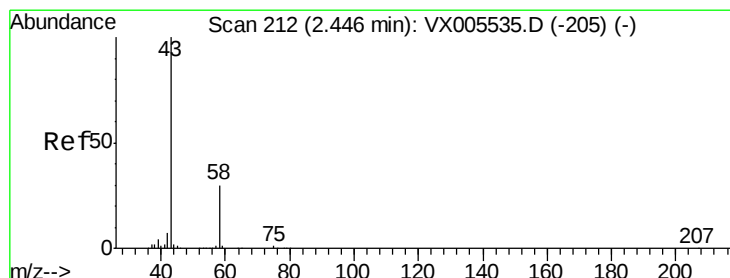
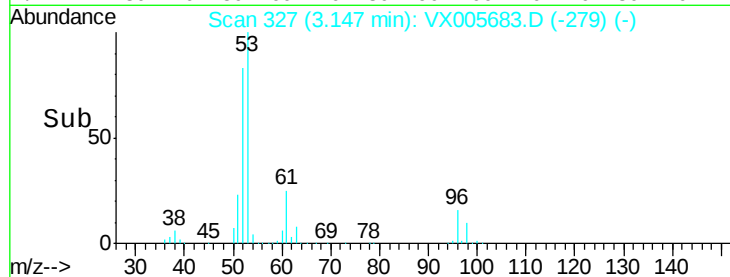
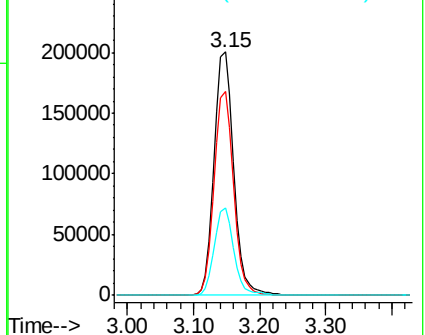
51 35.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 277.79 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005683.D

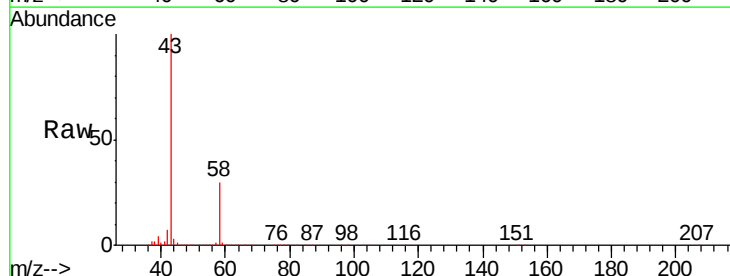
Acq: 30 Oct 2018 11:03

Tgt Ion: 43 Resp: 417666

Ion Ratio Lower Upper

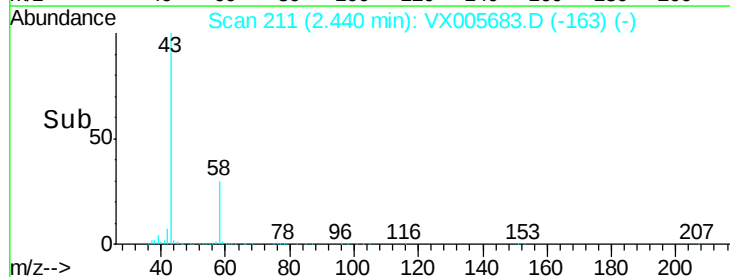
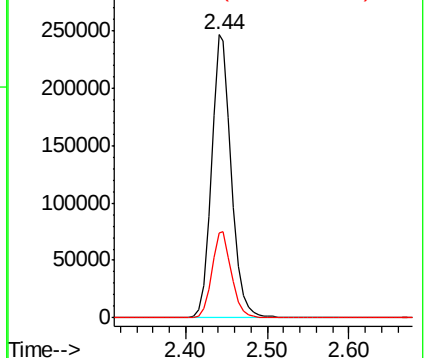
43 100

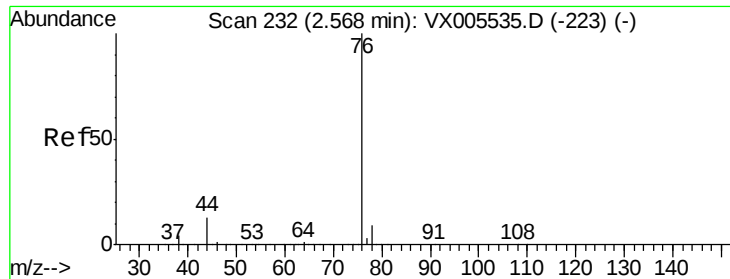
58 30.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

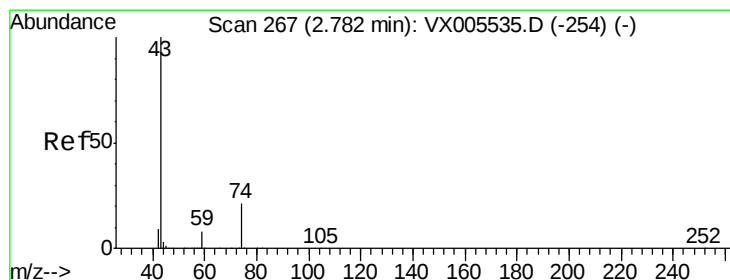
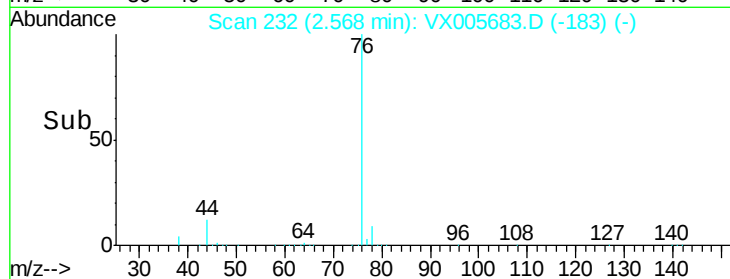
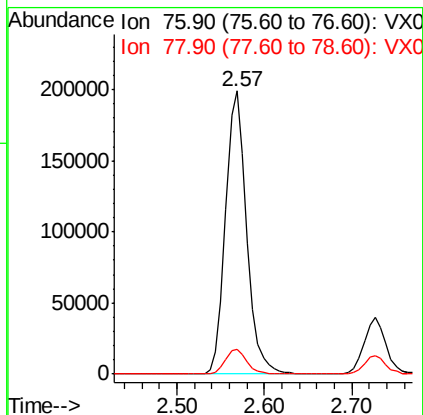
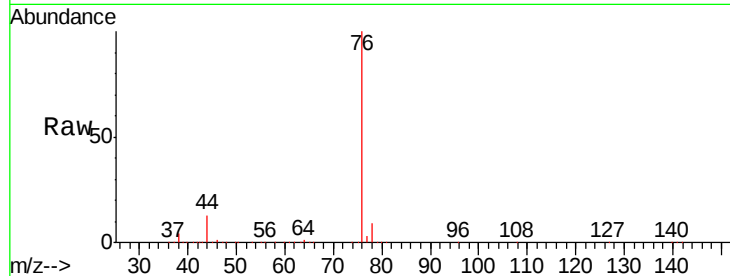




#17
Carbon Disulfide
Concen: 49.92 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

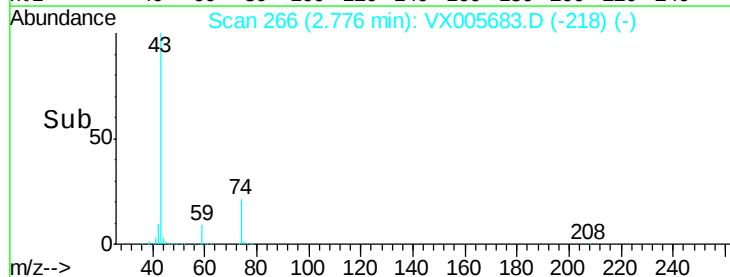
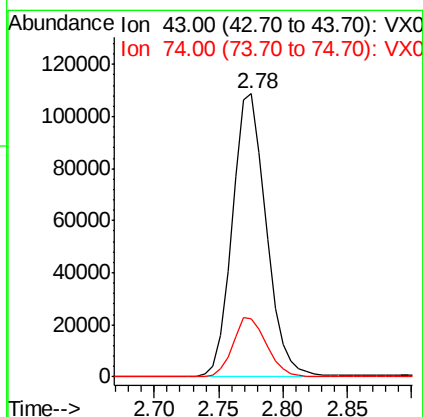
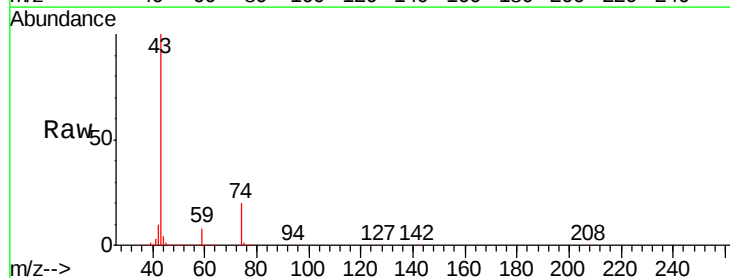
Instrument :
MSVOA_X
ClientSampleId :

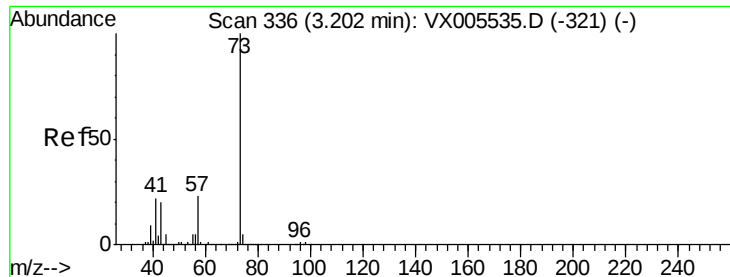
Tgt Ion: 76 Resp: 332957
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 53.47 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 43 Resp: 198234
Ion Ratio Lower Upper
43 100
74 20.7 16.8 25.2

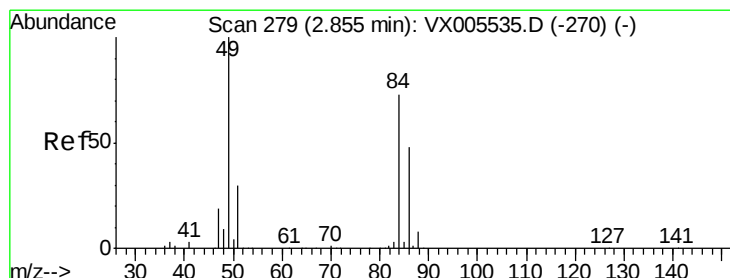
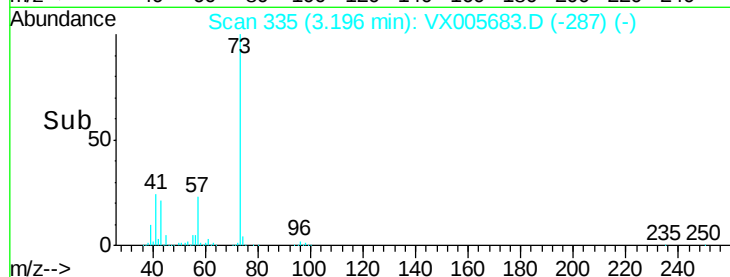
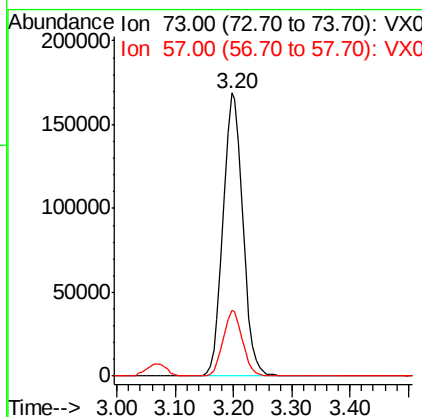
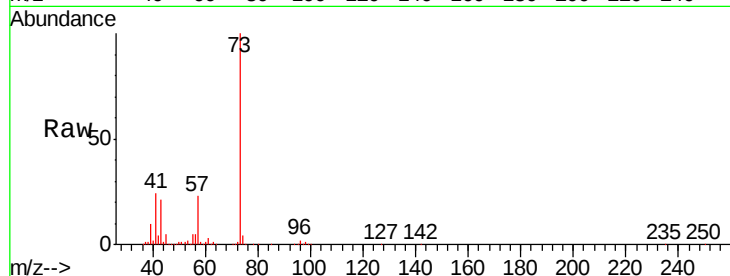




#19
Methyl tert-butyl Ether
Concen: 51.05 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

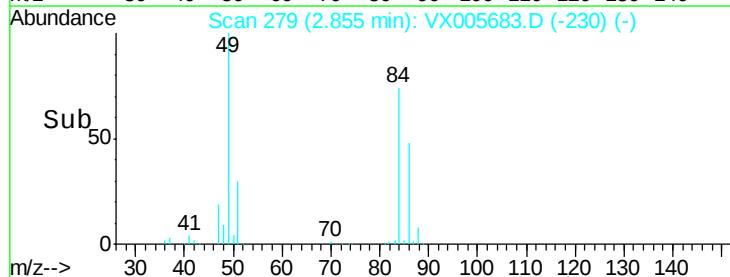
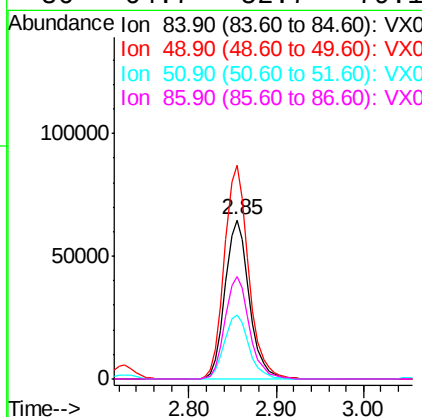
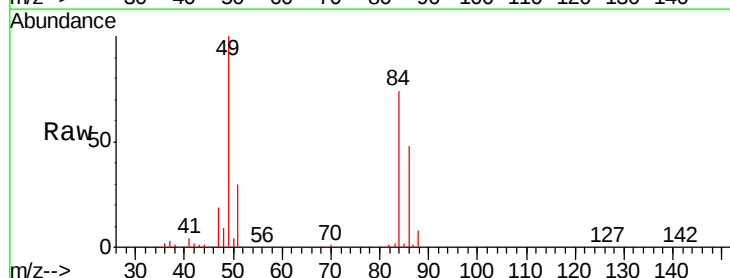
Instrument :
MSVOA_X
ClientSampleId :

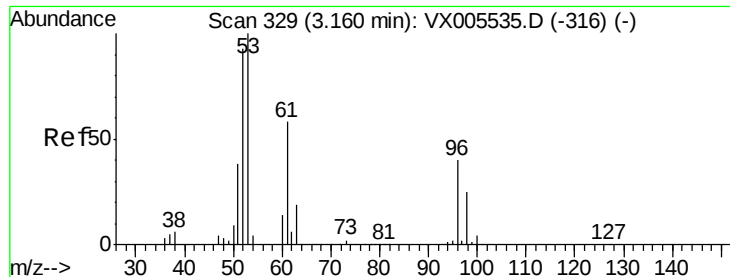
Tgt Ion: 73 Resp: 398445
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2



#20
Methylene Chloride
Concen: 49.27 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 84 Resp: 124070
Ion Ratio Lower Upper
84 100
49 134.3 109.5 164.3
51 40.5 33.3 49.9
86 64.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.96 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampled :

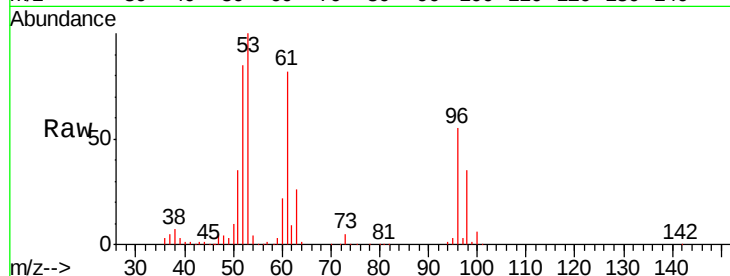
Tgt Ion: 96 Resp: 119362

Ion Ratio Lower Upper

96 100

61 150.5 115.6 173.4

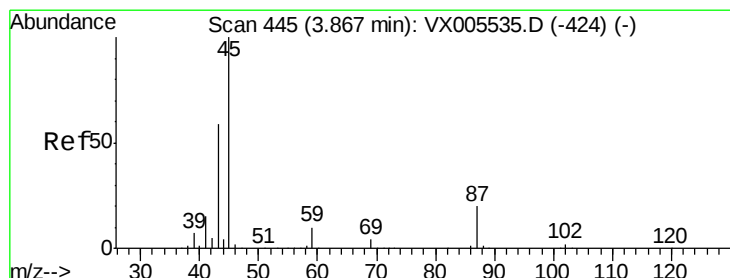
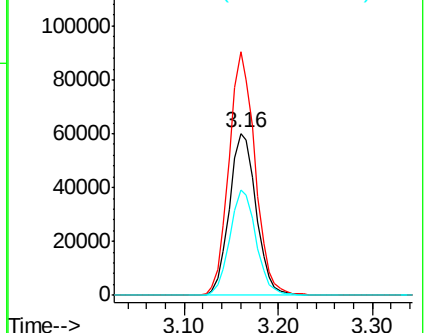
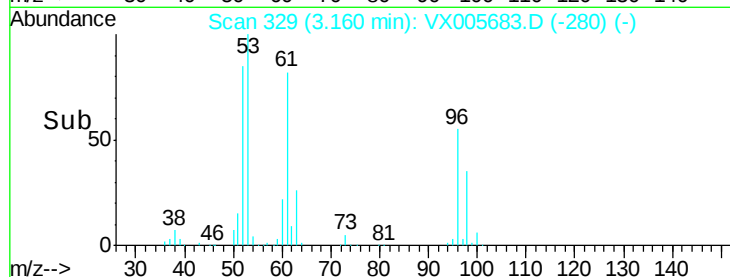
98 64.9 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.66 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion: 45 Resp: 440524

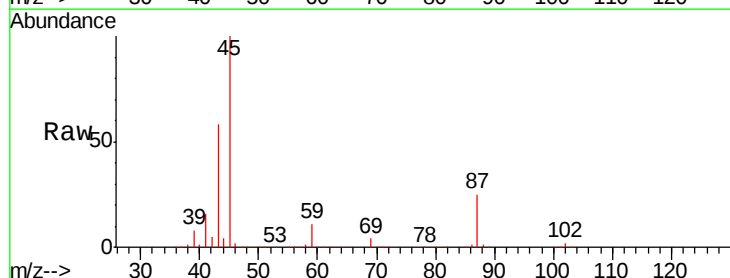
Ion Ratio Lower Upper

45 100

43 58.5 47.4 71.2

87 24.6 15.9 23.9#

59 11.0 7.7 11.5

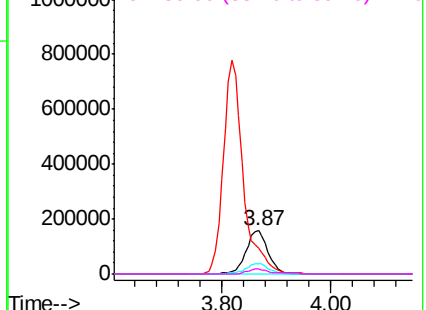
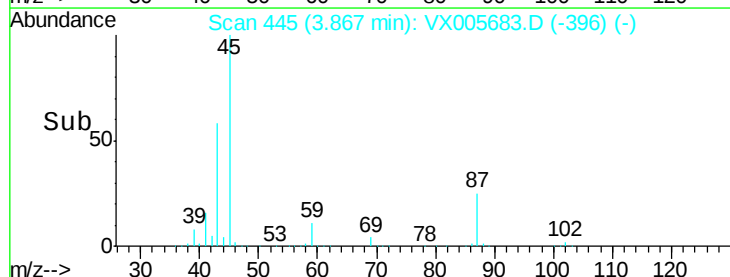


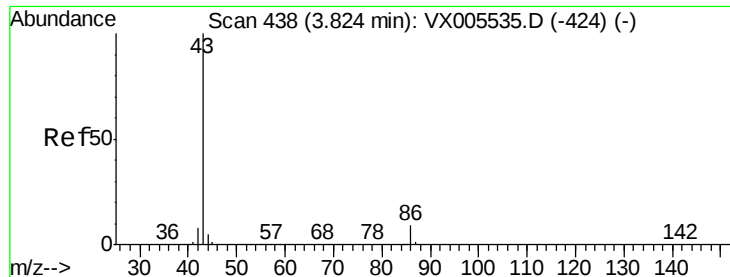
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.52 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

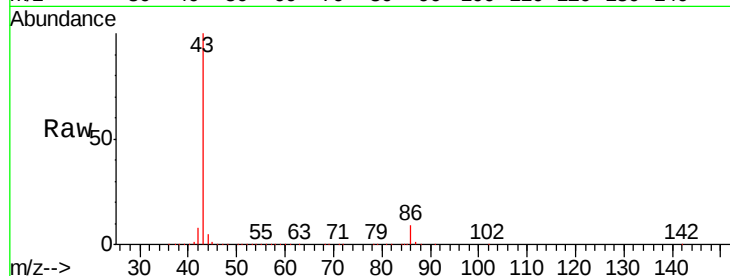
ClientSampled :

Tgt Ion: 43 Resp: 1979156

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX005535.D (-424) (-)

3.82

800000

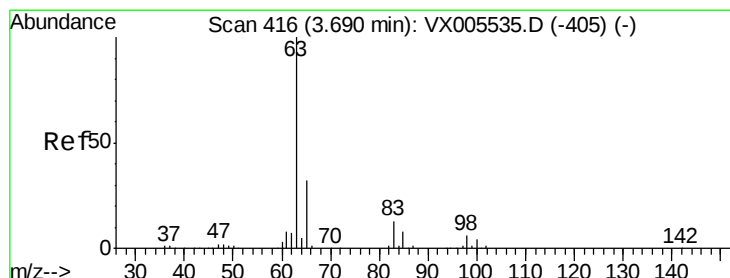
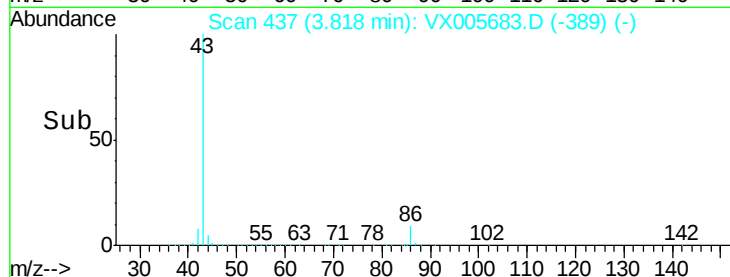
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.87 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

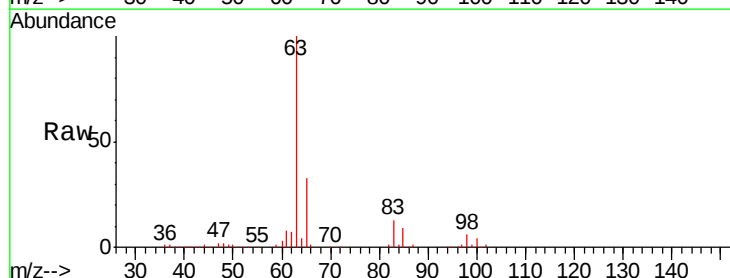
Tgt Ion: 63 Resp: 231224

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005535.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005535.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005535.D (-405) (-)

3.70

120000

100000

80000

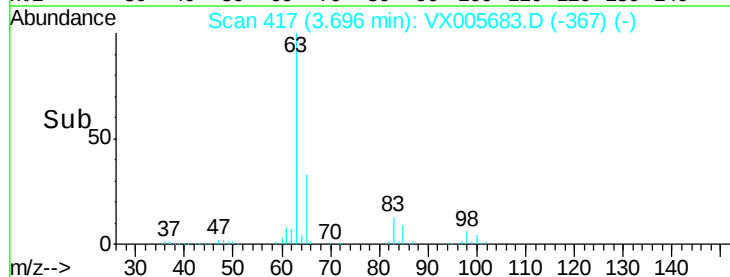
60000

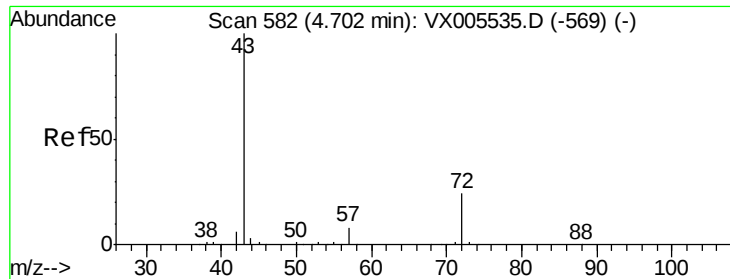
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 248.99 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

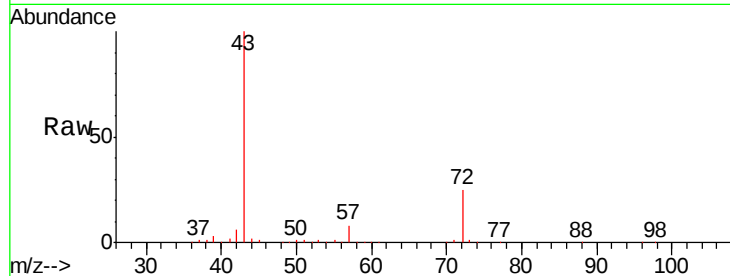
ClientSampleId :

Tgt Ion: 43 Resp: 570068

Ion Ratio Lower Upper

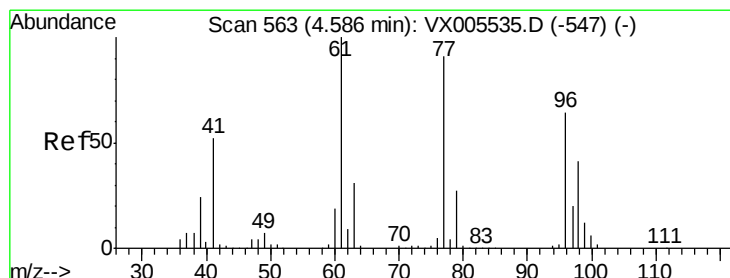
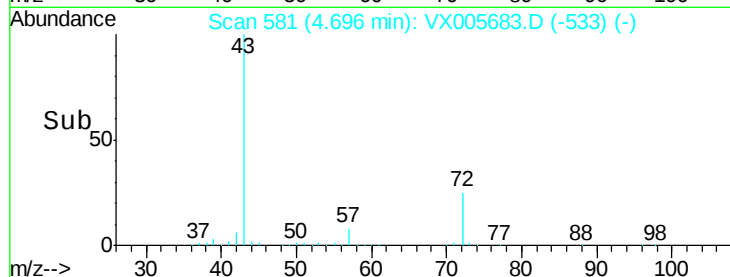
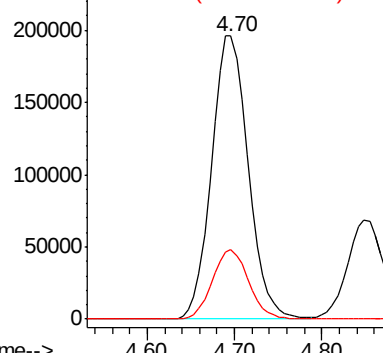
43 100

72 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.17 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005683.D

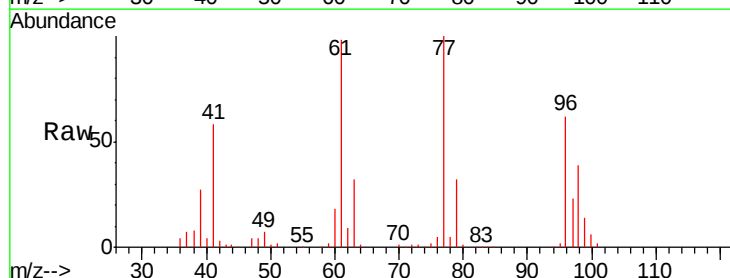
Acq: 30 Oct 2018 11:03

Tgt Ion: 77 Resp: 179595

Ion Ratio Lower Upper

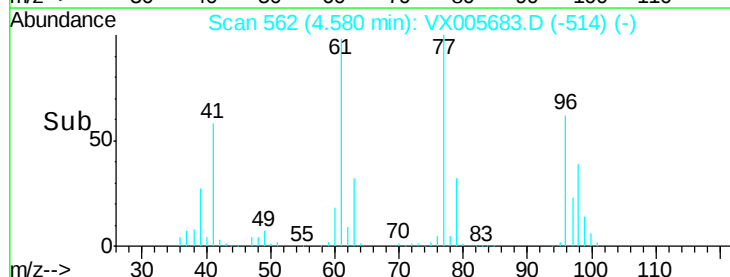
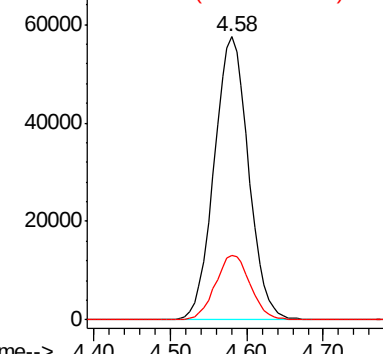
77 100

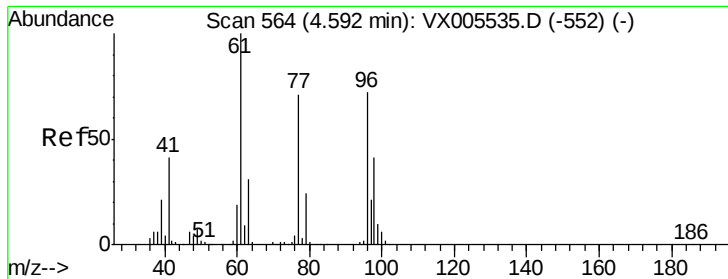
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



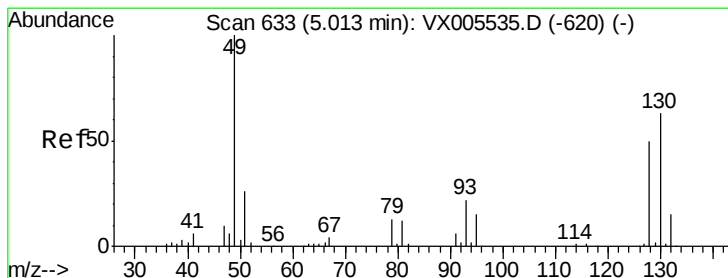
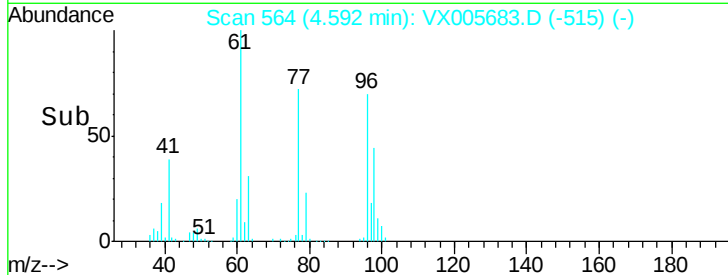
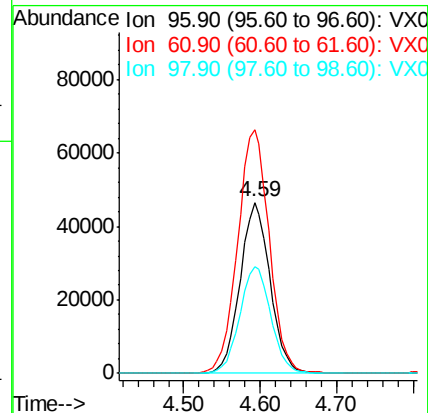
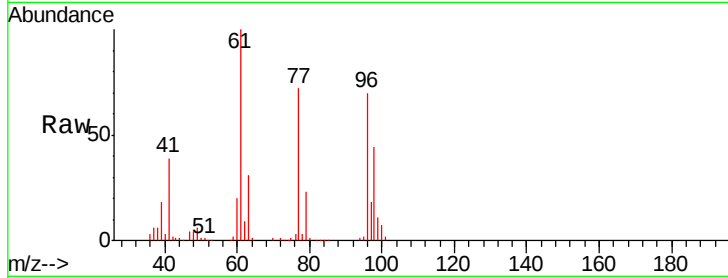


#27

cis-1,2-Dichloroethene
 Concen: 48.95 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :

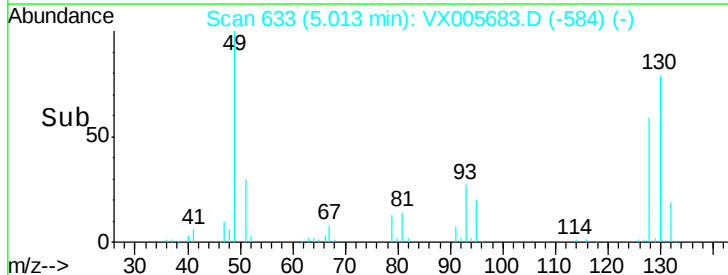
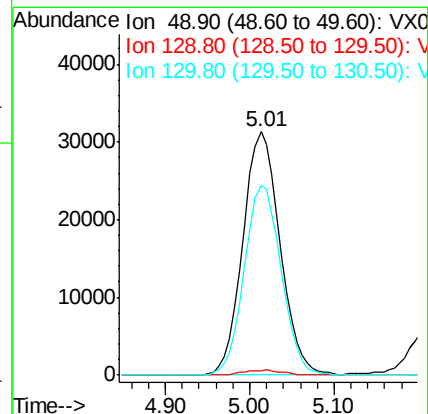
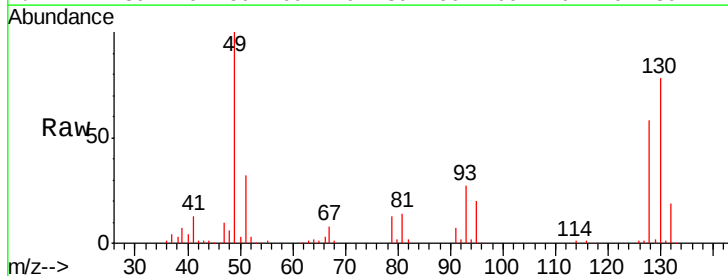
Tgt Ion: 96 Resp: 126068
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 304.6
 98 64.8 0.0 127.4

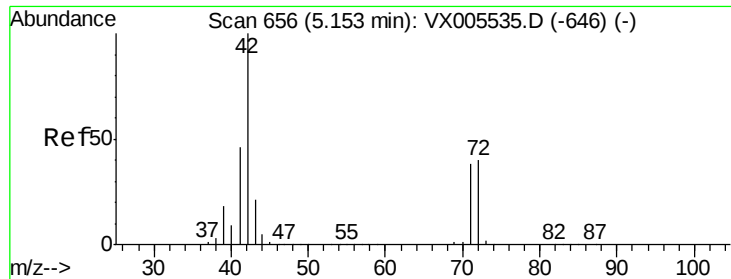


#28

Bromochloromethane
 Concen: 41.81 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 49 Resp: 93762
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 77.3 58.9 88.3





#29

Tetrahydrofuran

Concen: 236.88 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

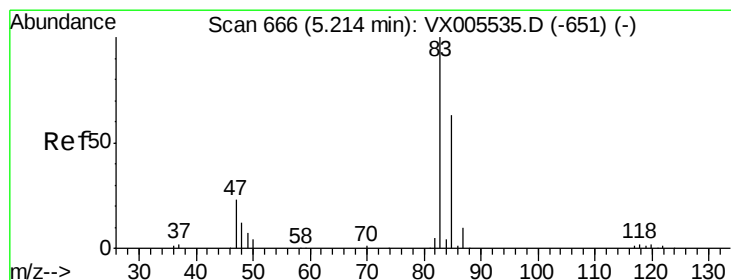
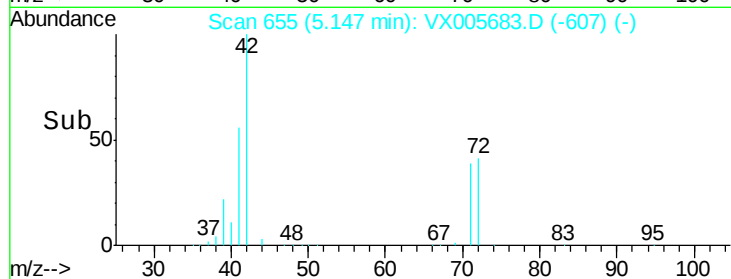
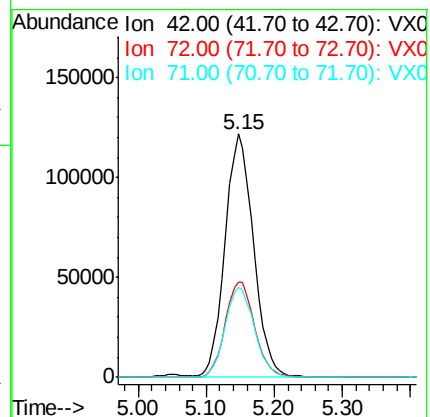
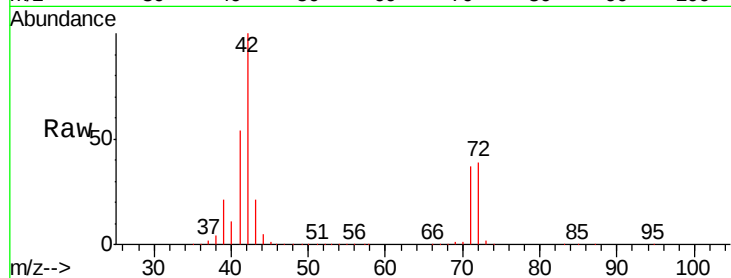
Tgt Ion: 42 Resp: 352957

Ion Ratio Lower Upper

42 100

72 40.6 32.0 48.0

71 38.2 29.8 44.8



#30

Chloroform

Concen: 48.68 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005683.D

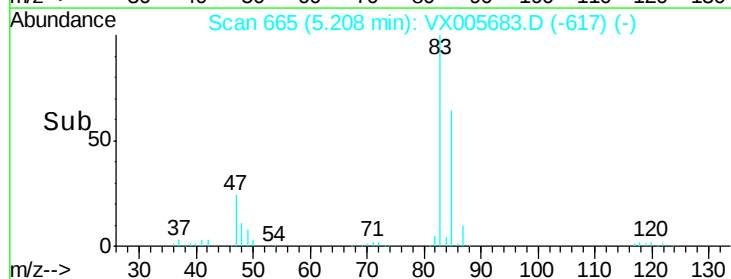
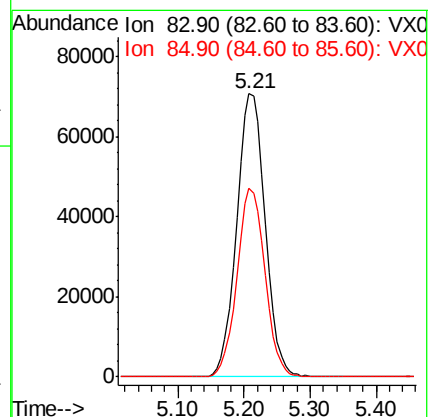
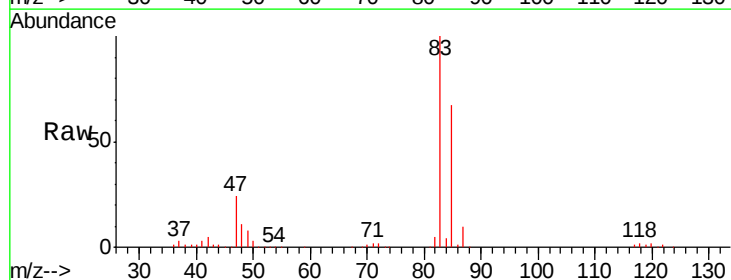
Acq: 30 Oct 2018 11:03

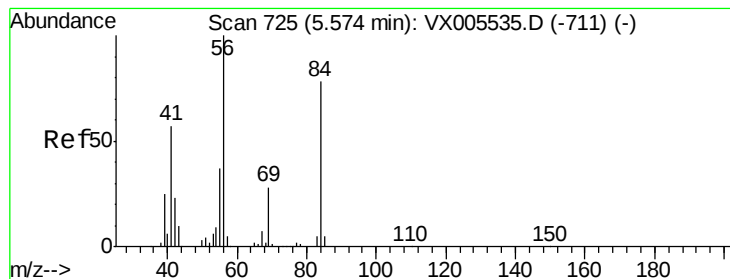
Tgt Ion: 83 Resp: 211121

Ion Ratio Lower Upper

83 100

85 66.7 50.6 76.0





#31

Cyclohexane

Concen: 51.75 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

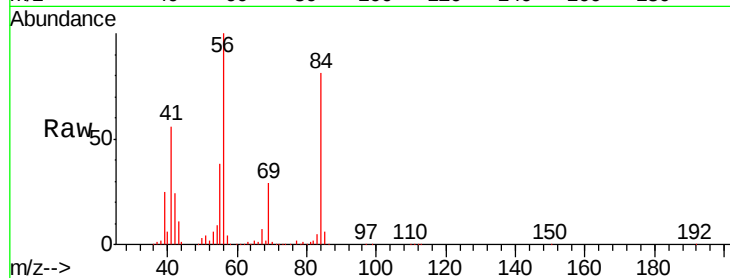
Tgt Ion: 56 Resp: 198534

Ion Ratio Lower Upper

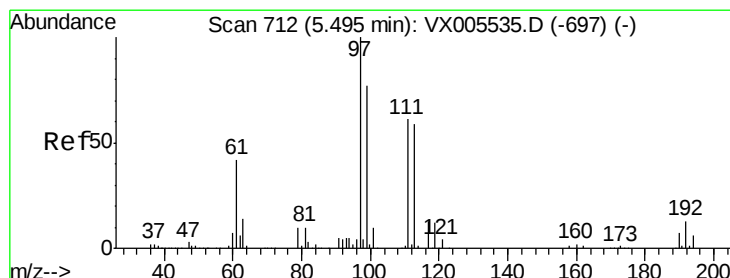
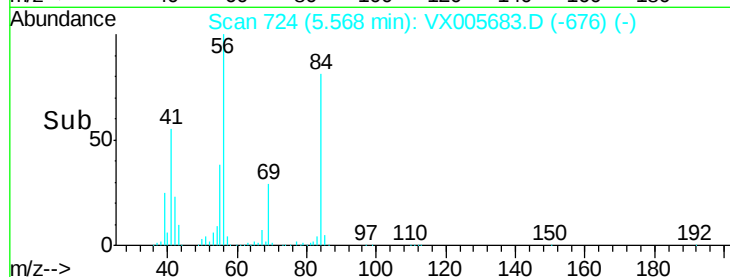
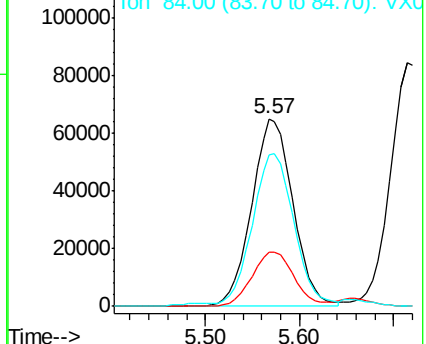
56 100

69 29.0 22.6 34.0

84 79.5 62.7 94.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.10 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

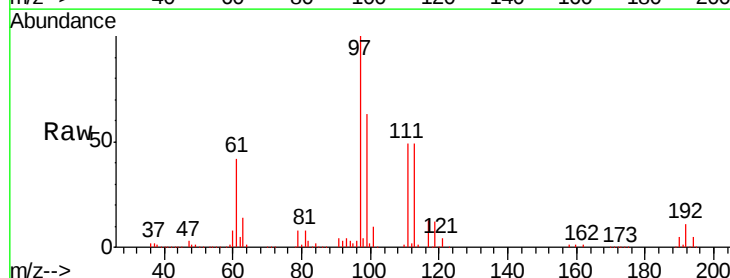
Tgt Ion: 97 Resp: 187932

Ion Ratio Lower Upper

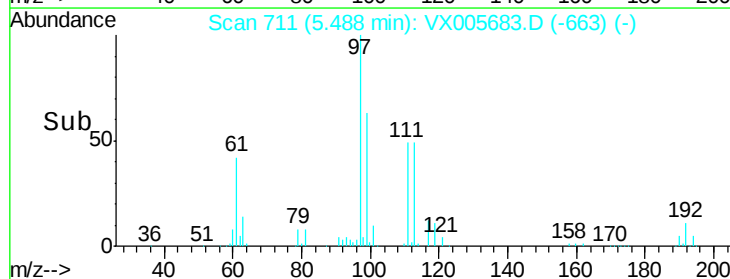
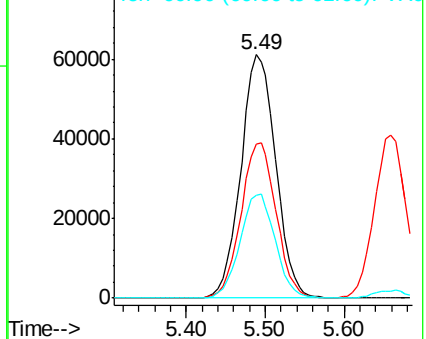
97 100

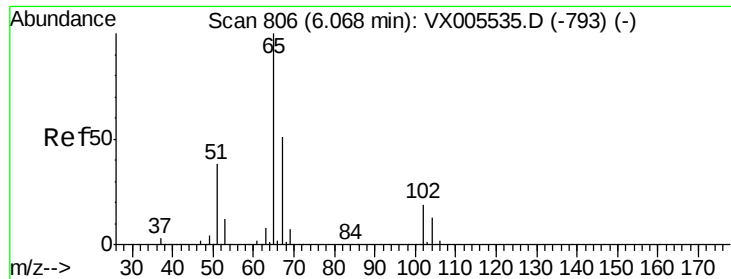
99 64.1 52.3 78.5

61 43.1 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.67 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

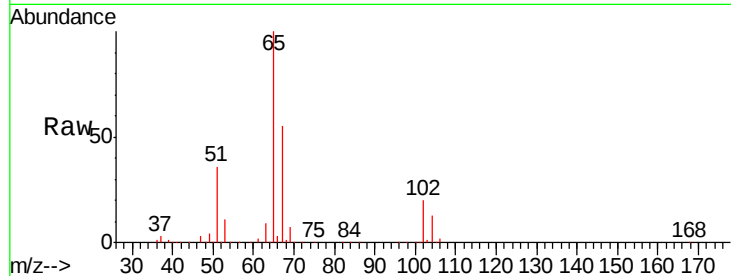
ClientSampled :

Tgt Ion: 65 Resp: 118567

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

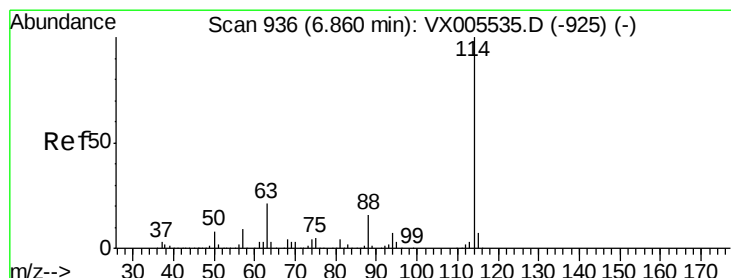
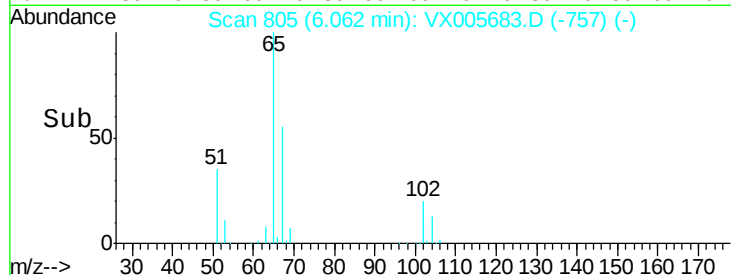
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

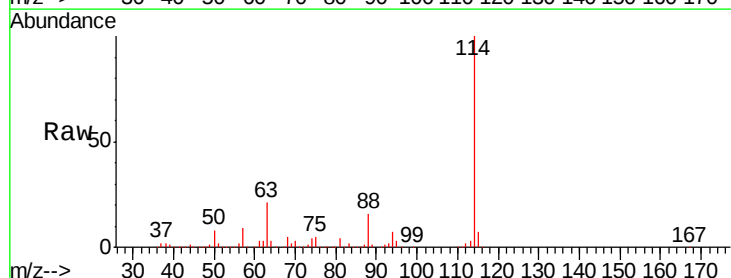
Tgt Ion: 114 Resp: 347685

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

150000

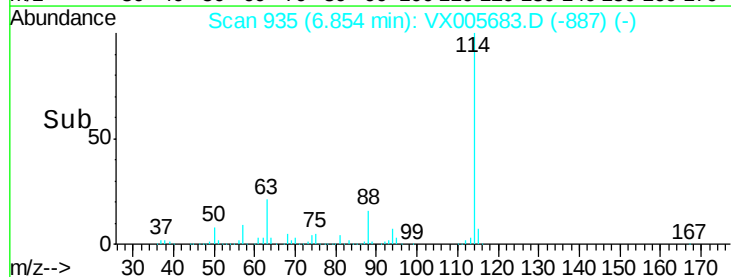
100000

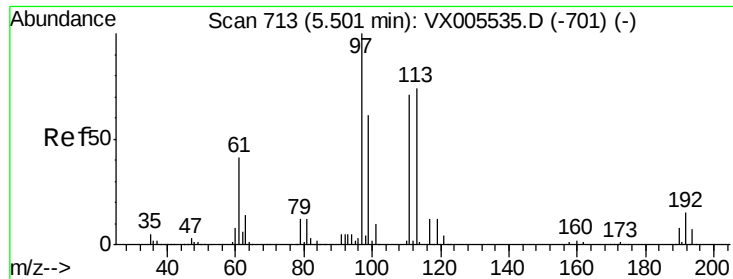
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 41.02 ug/l

RT: 5.50 min Scan# 713

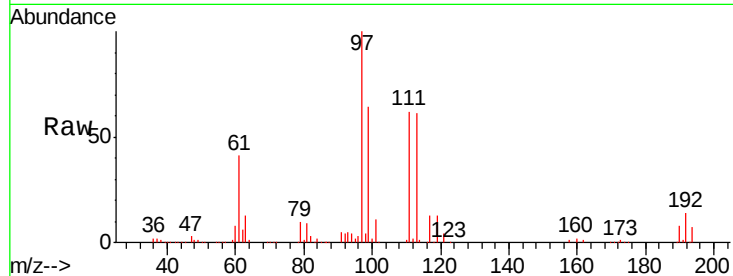
Delta R.T. -0.00 min

Lab File: VX005683.D

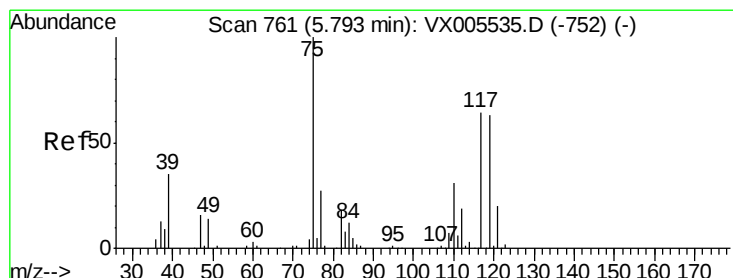
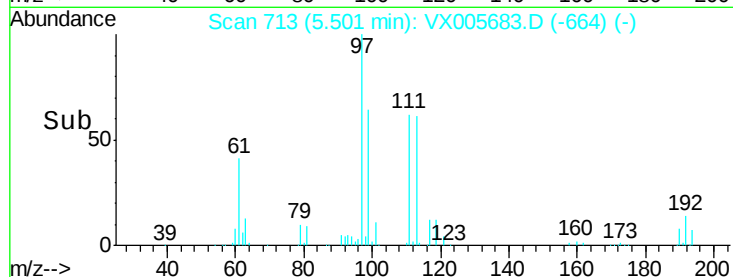
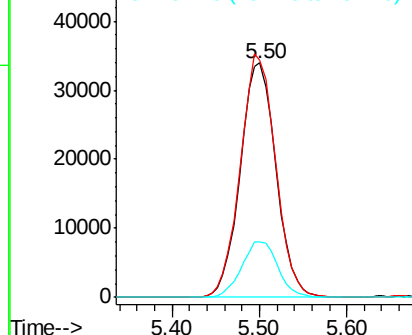
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:113 Resp: 96564
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 24.0 17.9 26.9



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: 49.59 ug/l

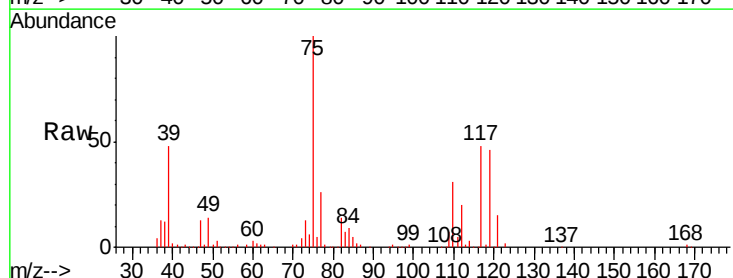
RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

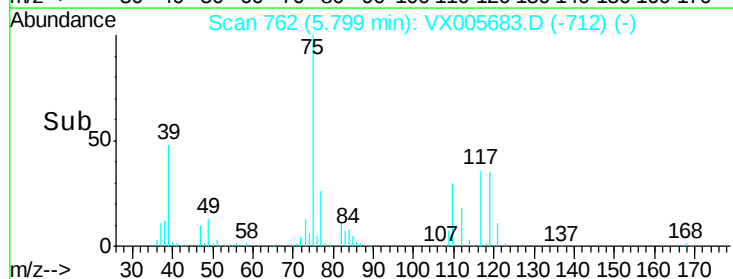
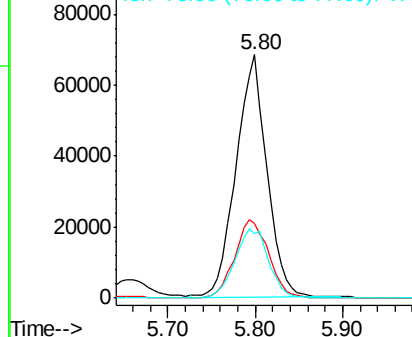
Lab File: VX005683.D

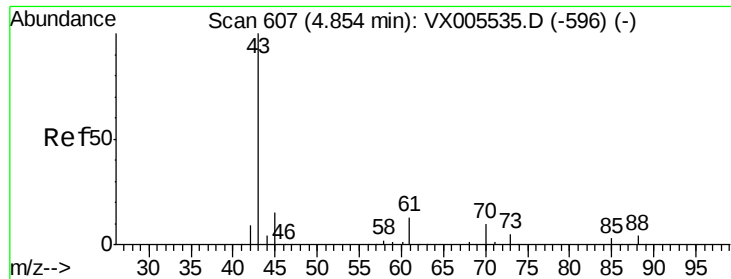
Acq: 30 Oct 2018 11:03

Tgt Ion: 75 Resp: 167340
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.2
77 30.7 25.8 38.6



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

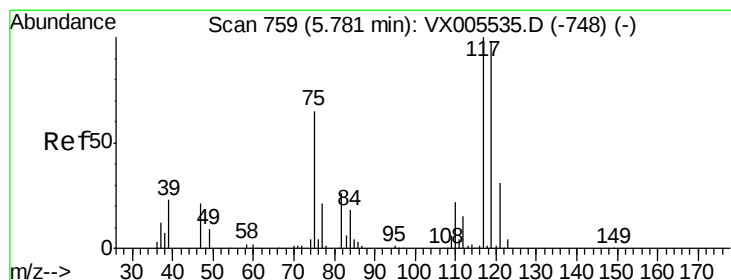
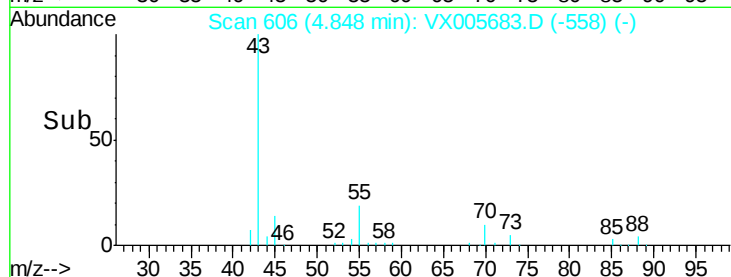
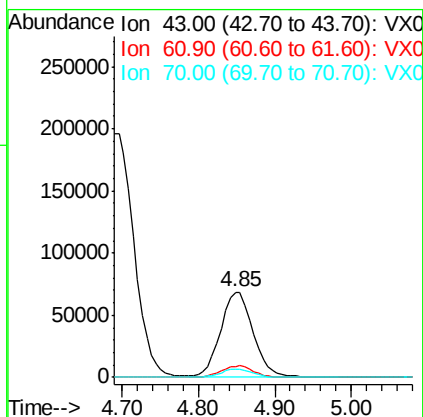
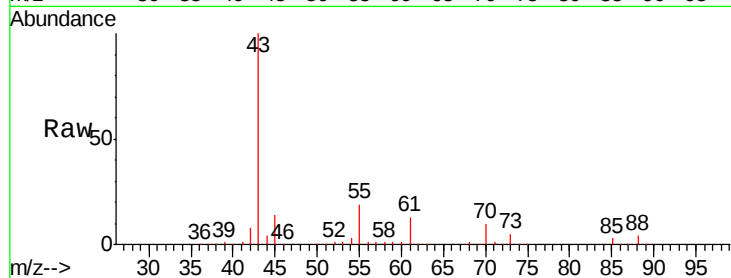




#37
Ethyl Acetate
Concen: 46.73 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

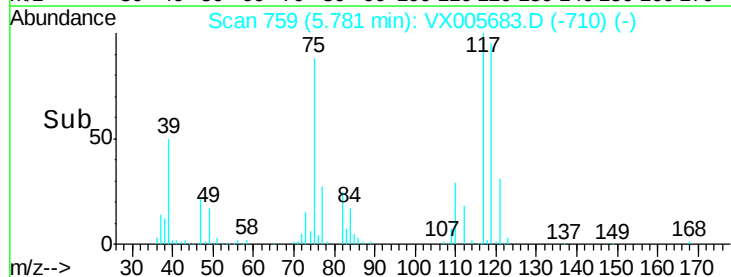
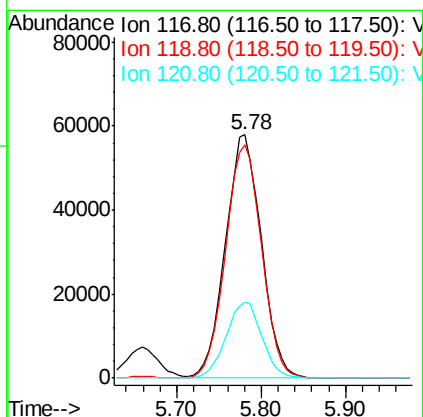
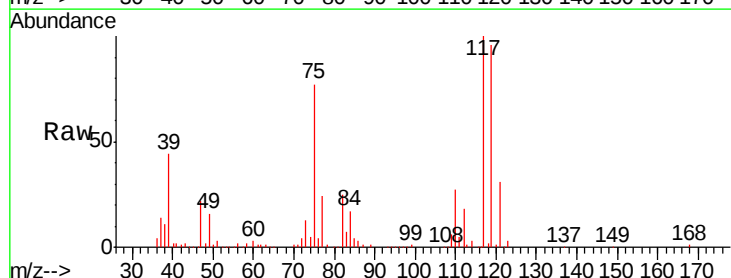
Instrument :
MSVOA_X
ClientSampled :

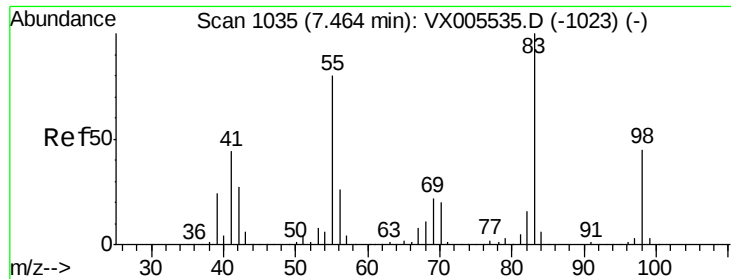
Tgt Ion: 43 Resp: 201215
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.13 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 117 Resp: 167486
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
121 31.2 24.6 36.8

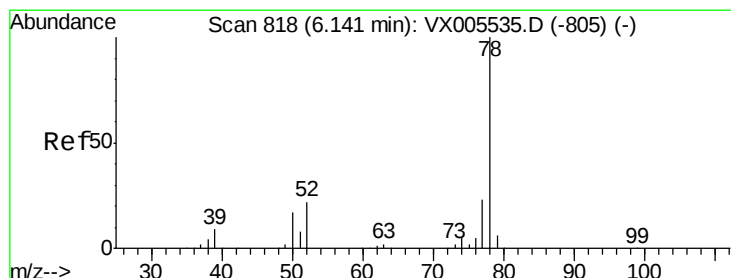
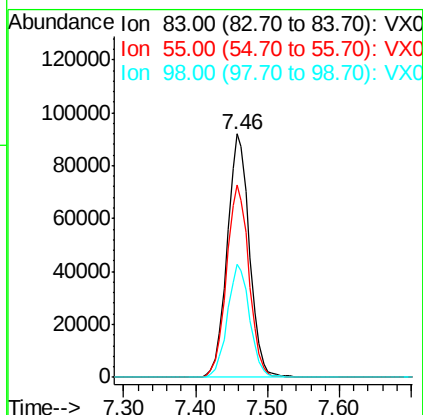
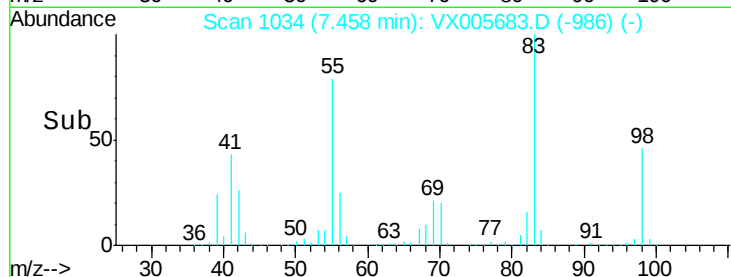
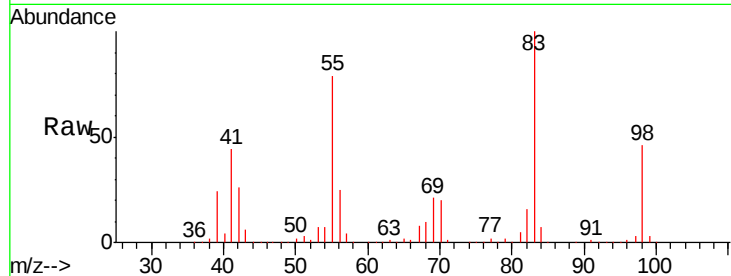




#39
Methylcyclohexane
Concen: 53.10 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

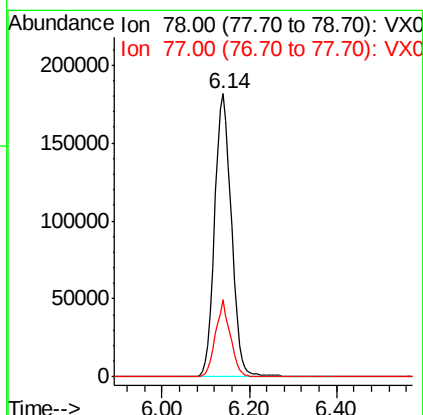
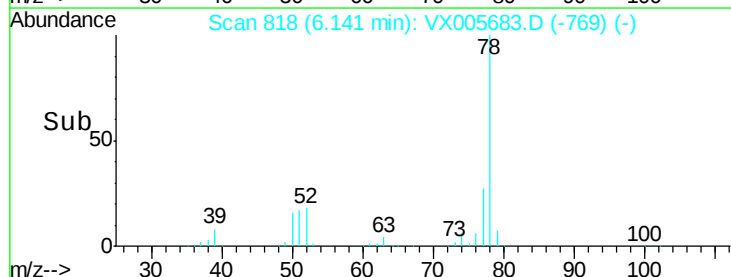
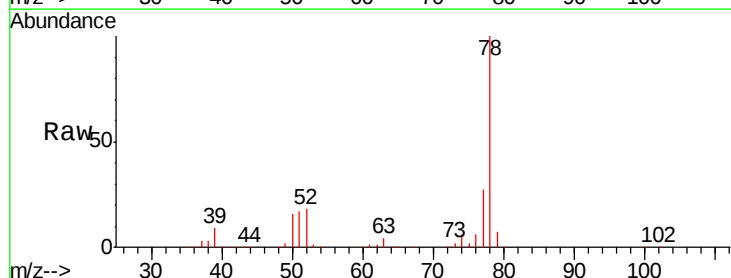
Instrument :
MSVOA_X
ClientSampleId :

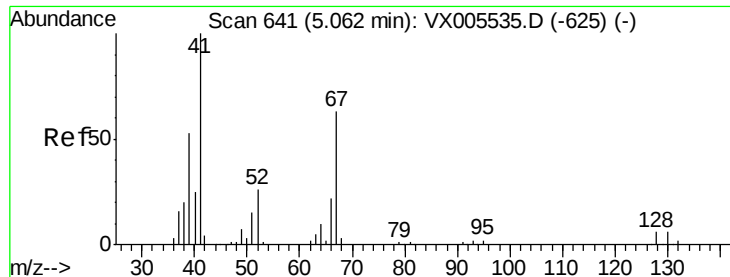
Tgt Ion: 83 Resp: 197843
Ion Ratio Lower Upper
83 100
55 79.1 63.7 95.5
98 46.3 36.2 54.2



#40
Benzene
Concen: 50.03 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 78 Resp: 483892
Ion Ratio Lower Upper
78 100
77 27.4 18.4 27.6

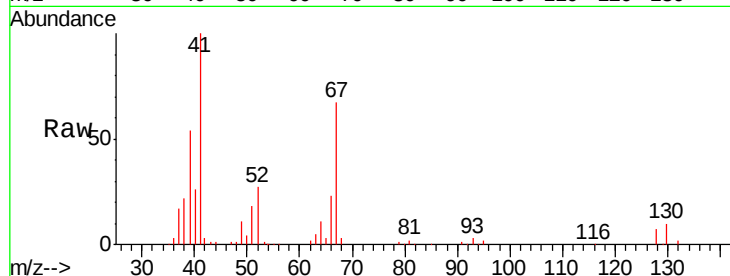




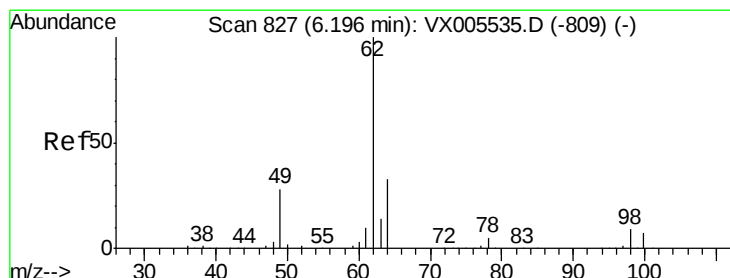
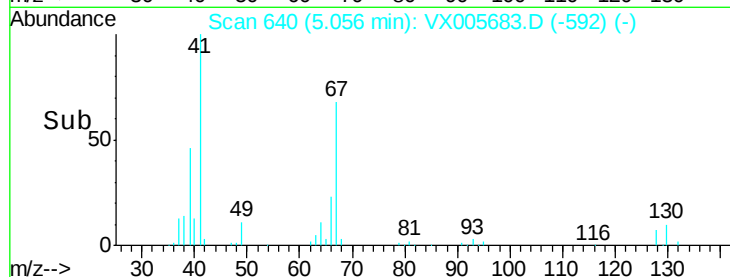
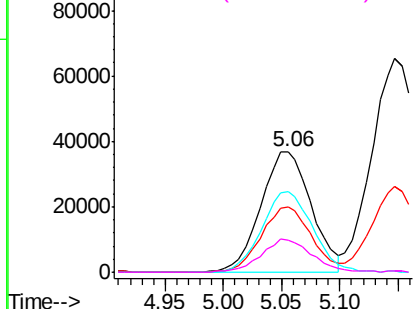
#41
Methacrylonitrile
Concen: 46.08 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	41	Resp:	110514
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.2	63.2
67	67.9	53.4	80.0
52	27.6	23.4	35.2

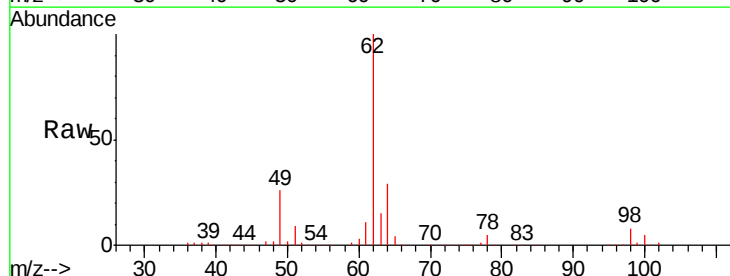


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

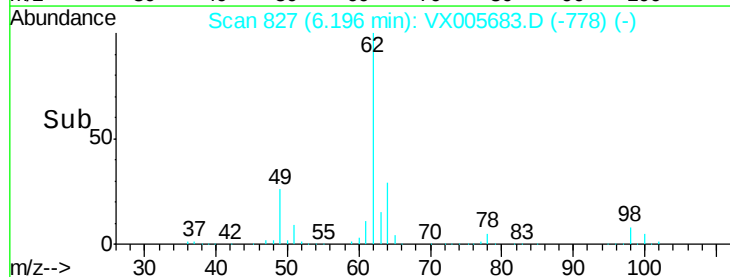
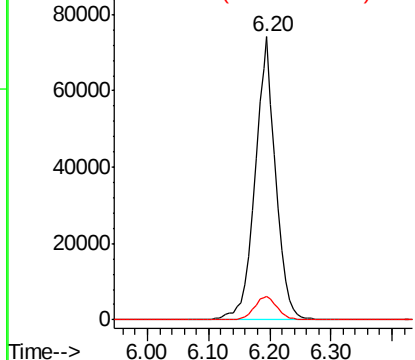


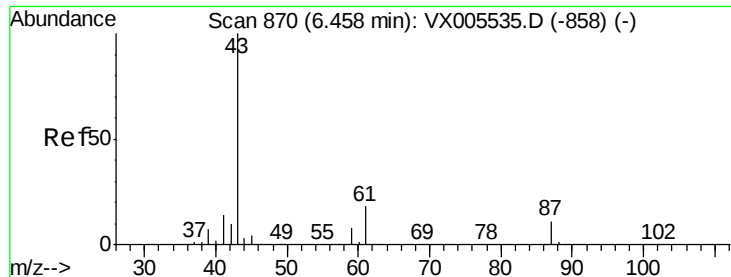
#42
1,2-Dichloroethane
Concen: 47.68 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion:	62	Resp:	175206
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 47.74 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampled :

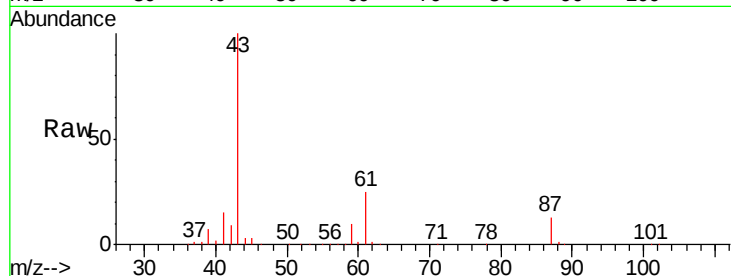
Tgt Ion: 43 Resp: 308006

Ion Ratio Lower Upper

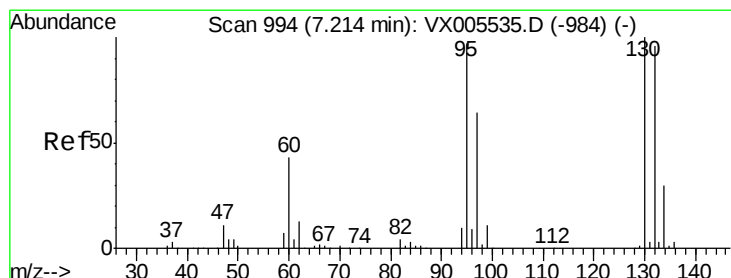
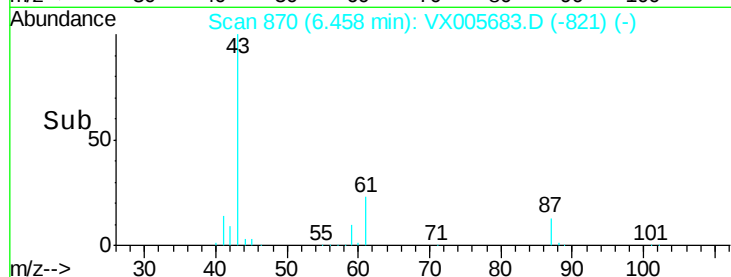
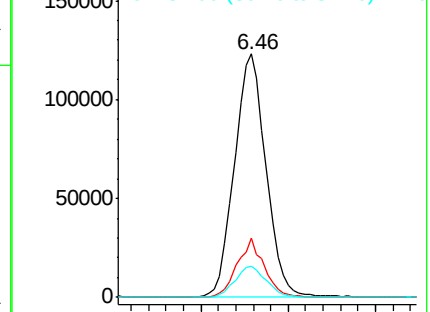
43 100

61 20.9 14.6 22.0

87 12.7 9.6 14.4



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



#44

Trichloroethene

Concen: 50.30 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX005683.D

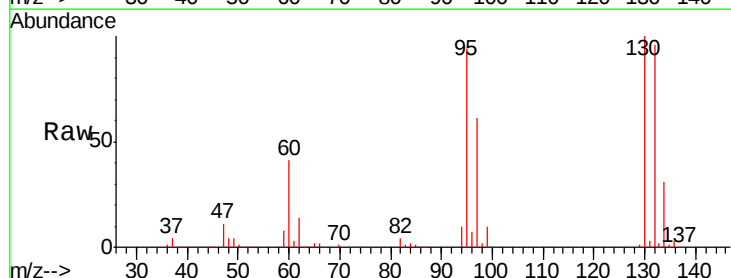
Acq: 30 Oct 2018 11:03

Tgt Ion: 130 Resp: 132545

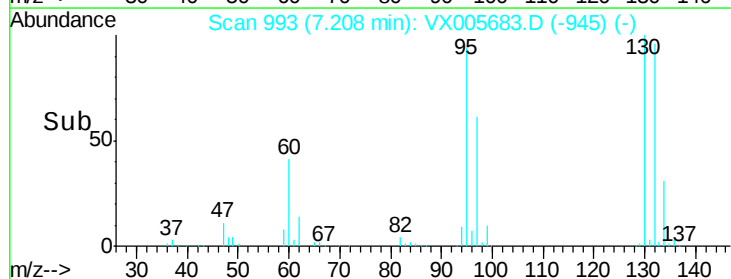
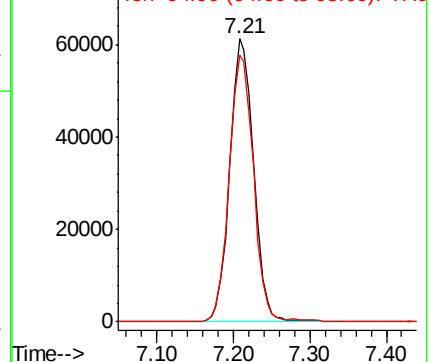
Ion Ratio Lower Upper

130 100

95 94.3 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 50.88 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

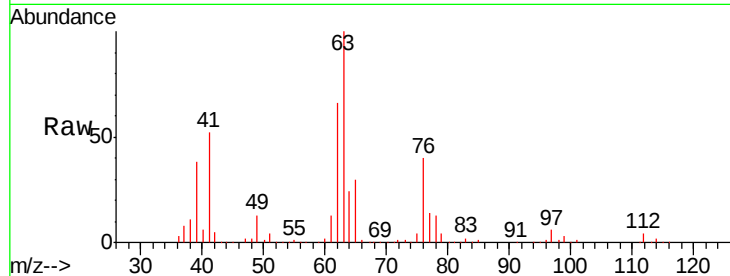
ClientSampleId :

Tgt Ion: 63 Resp: 132310

Ion Ratio Lower Upper

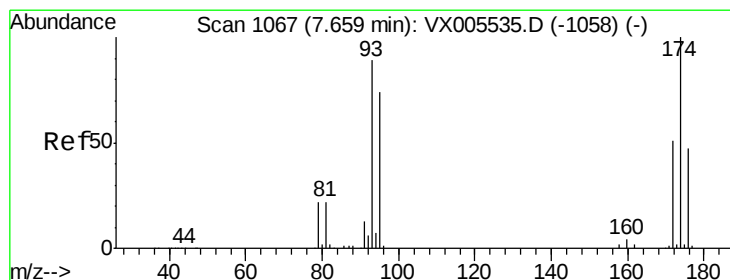
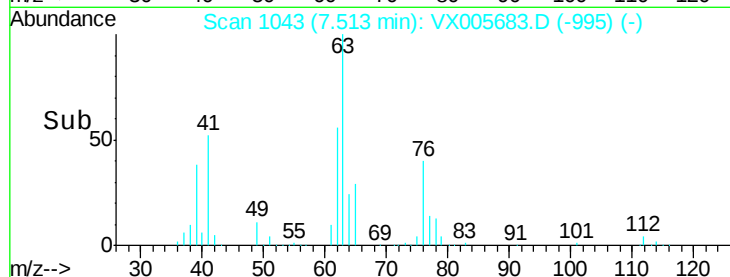
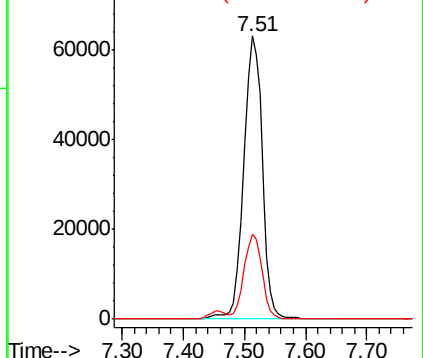
63 100

65 30.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.04 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

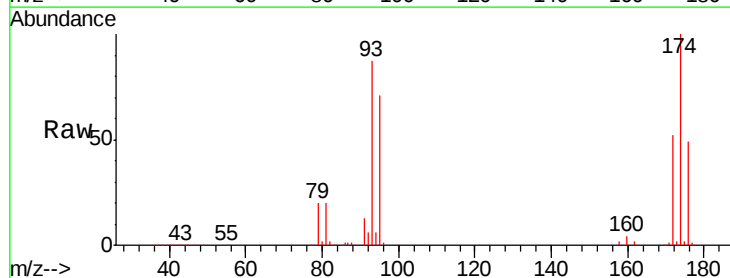
Tgt Ion: 93 Resp: 84040

Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

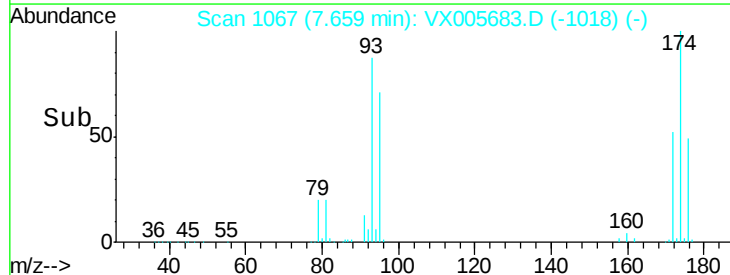
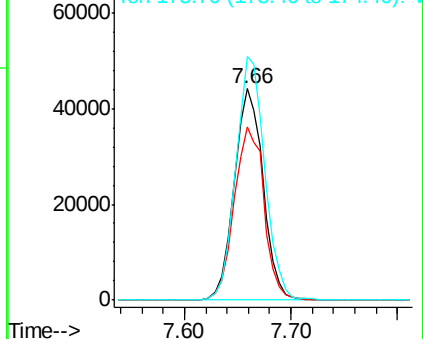
174 116.1 91.5 137.3

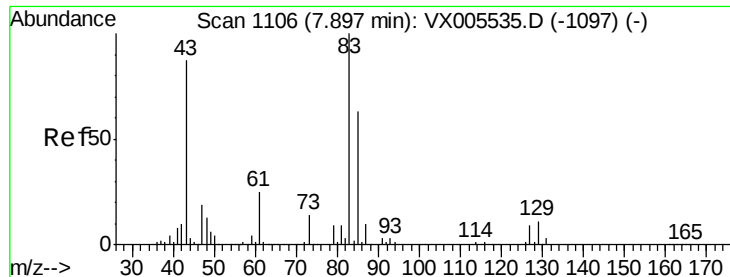


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.43 ug/l

RT: 7.90 min Scan# 1106

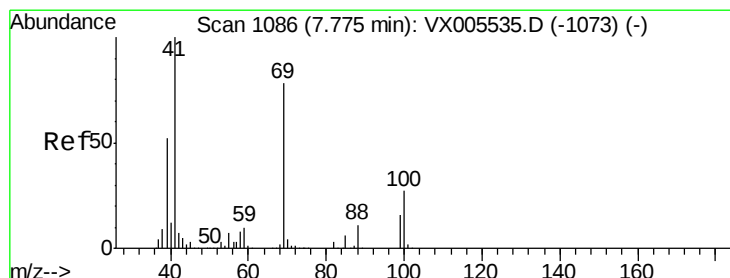
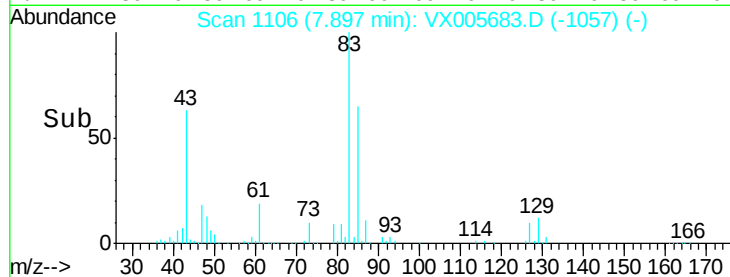
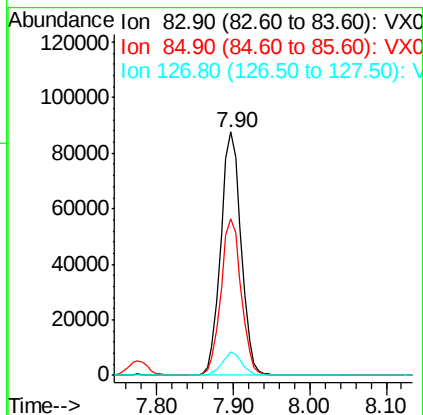
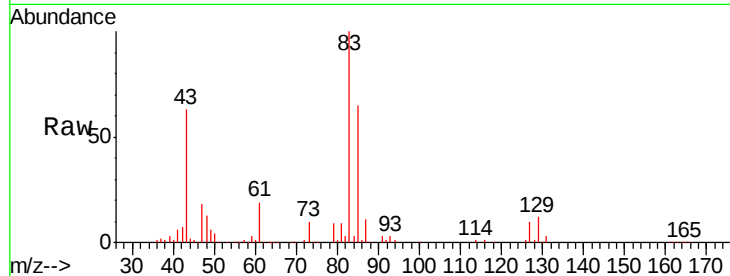
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	83	Resp:	161137
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4
127	9.5	6.9	10.3



#48

Methyl methacrylate

Concen: 50.93 ug/l

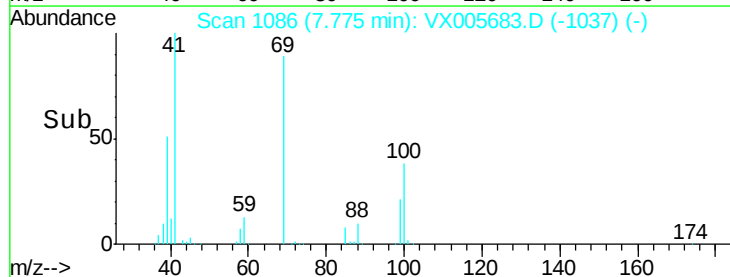
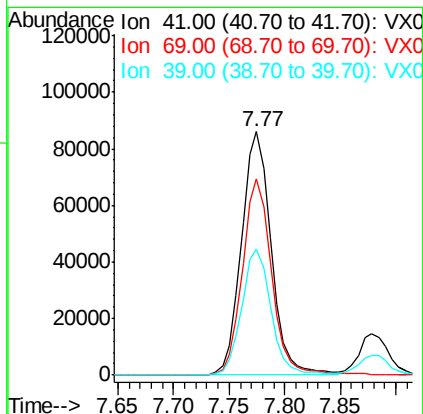
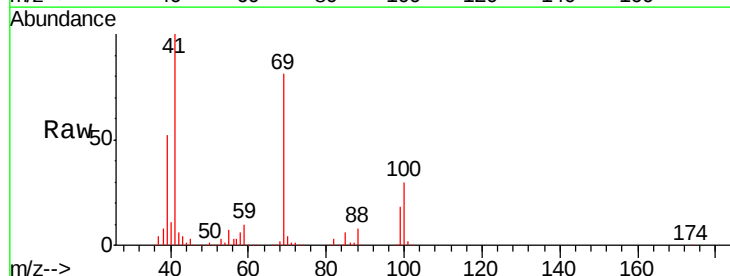
RT: 7.77 min Scan# 1086

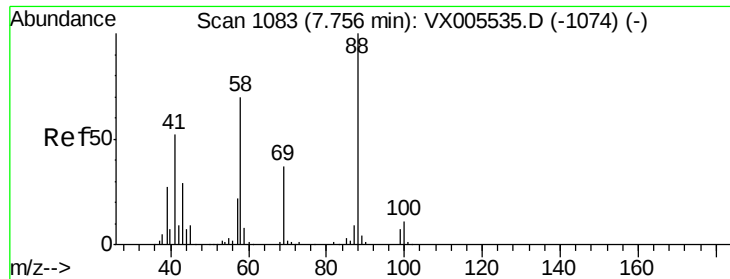
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	41	Resp:	160084
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.2	94.8
39	51.0	42.2	63.2





#49

1,4-Dioxane

Concen: 981.96 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :

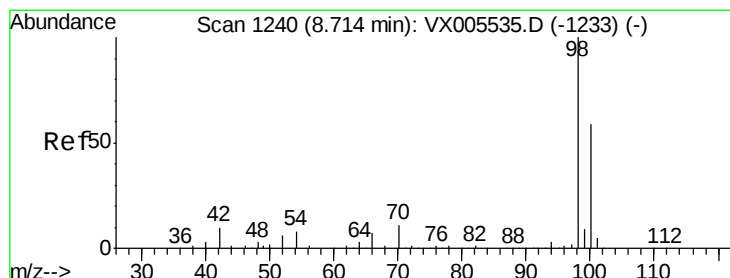
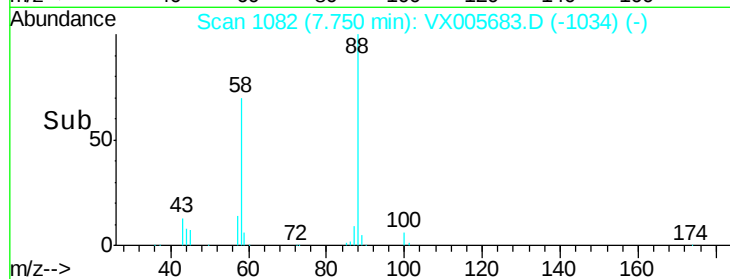
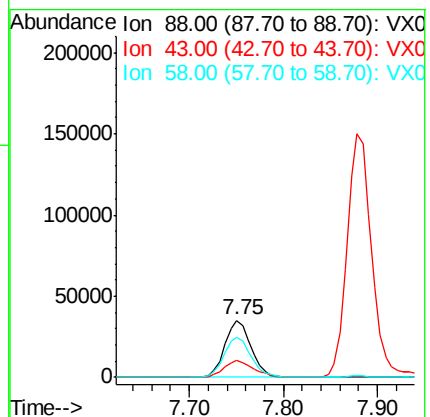
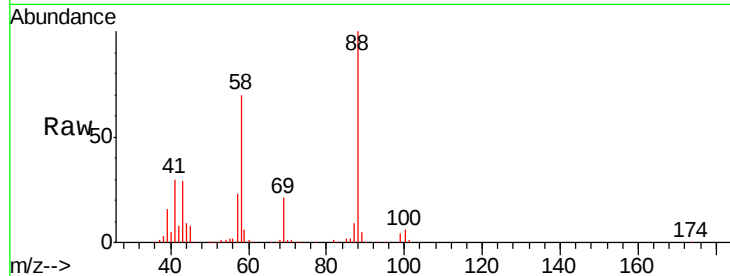
Tgt Ion: 88 Resp: 67451

Ion Ratio Lower Upper

88 100

43 33.5 27.4 41.0

58 72.6 59.4 89.2



#50

Toluene-d8

Concen: 43.67 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005683.D

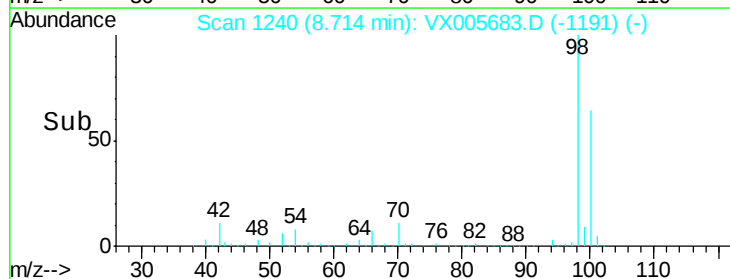
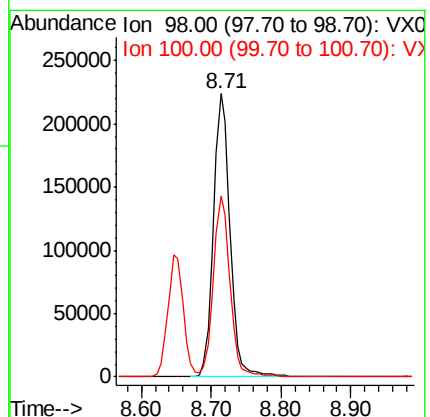
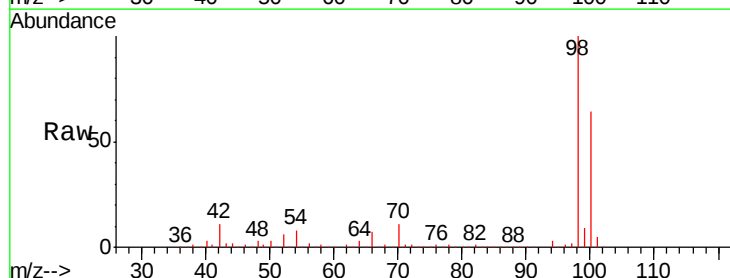
Acq: 30 Oct 2018 11:03

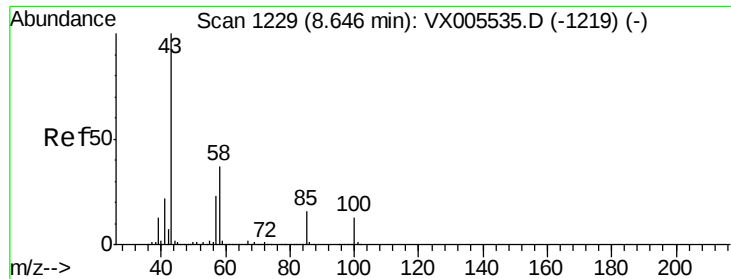
Tgt Ion: 98 Resp: 369415

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9

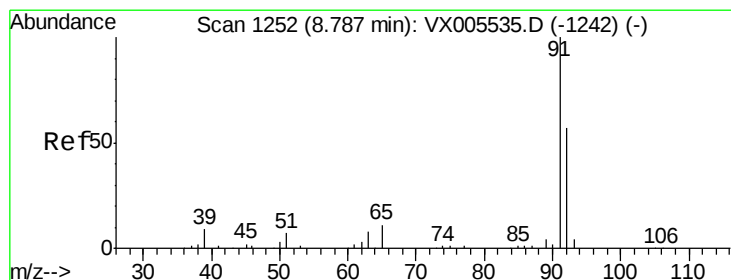
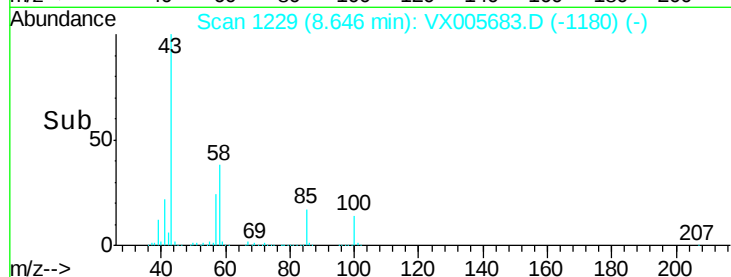
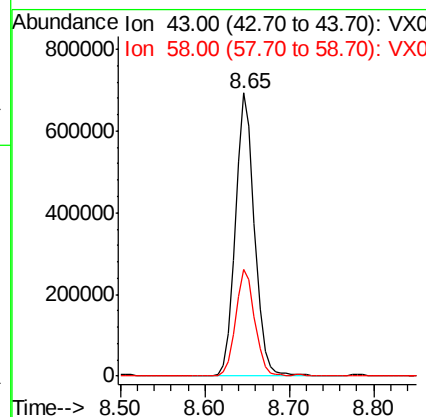
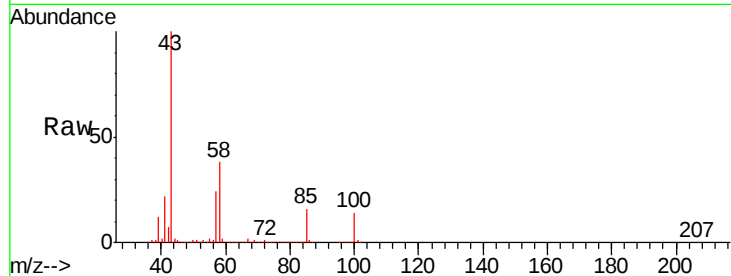




#51
 4-Methyl-2-Pentanone
 Concen: 246.51 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

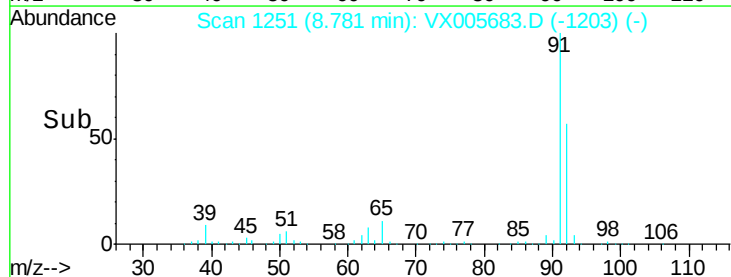
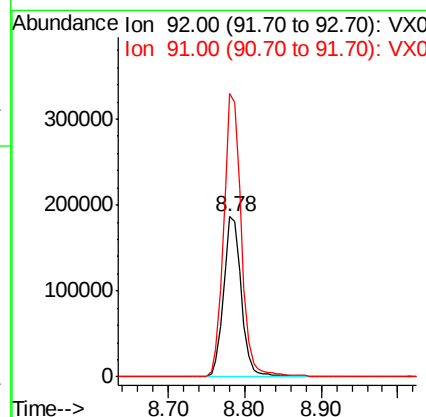
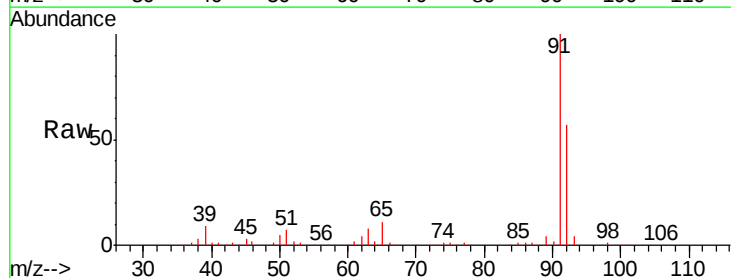
Instrument :
 MSVOA_X
 ClientSampleId :

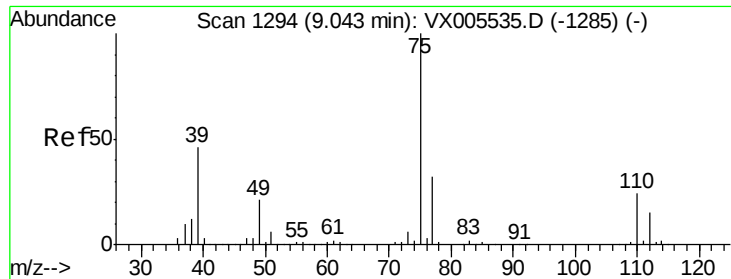
Tgt Ion: 43 Resp: 1068928
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.7 44.5



#52
 Toluene
 Concen: 51.08 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 92 Resp: 300294
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.4 210.6

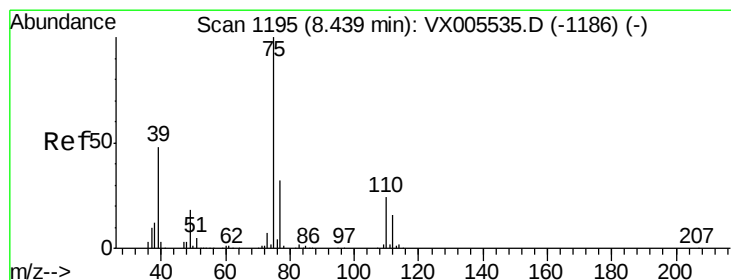
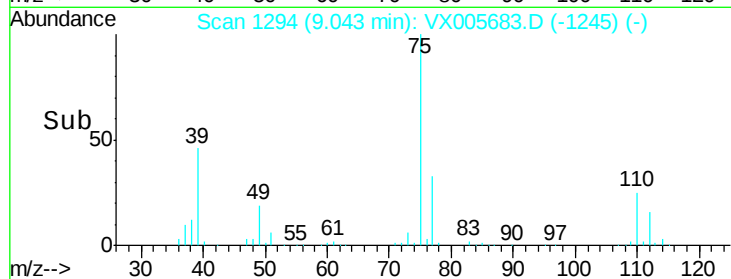
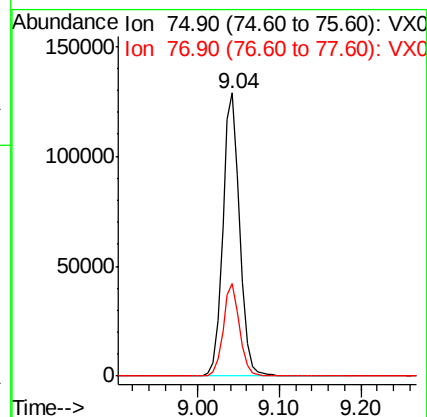
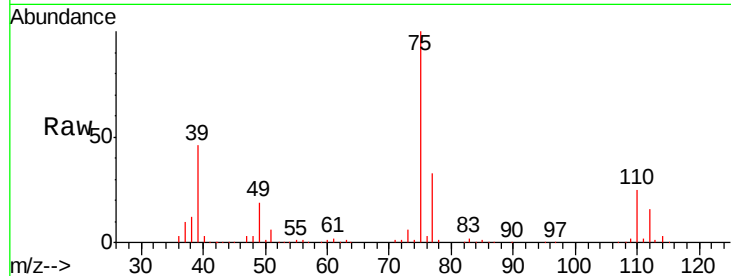




#53
 t-1,3-Dichloropropene
 Concen: 52.61 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

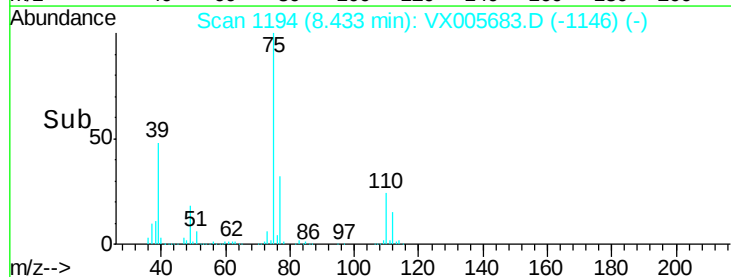
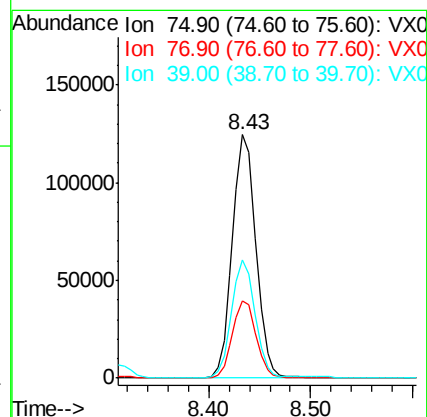
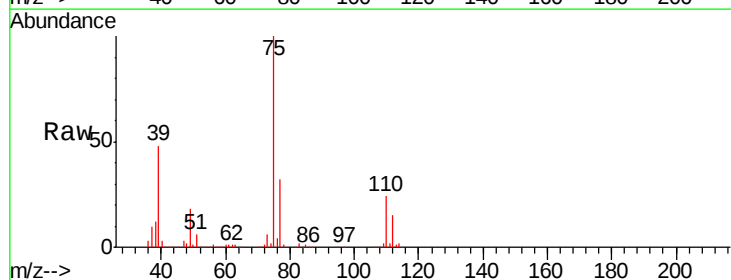
Instrument :
 MSVOA_X
 ClientSampled :

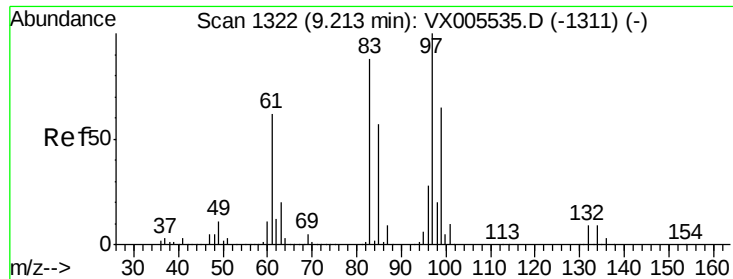
Tgt Ion: 75 Resp: 185329
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.58 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 75 Resp: 199435
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 48.3 38.2 57.2

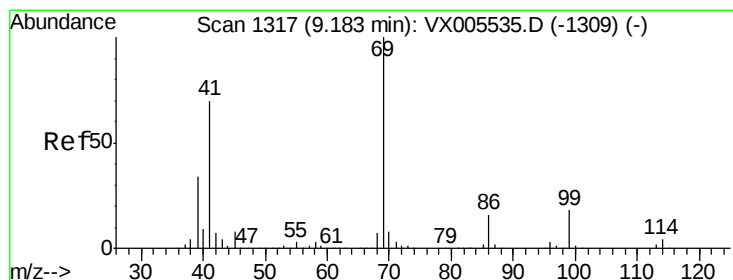
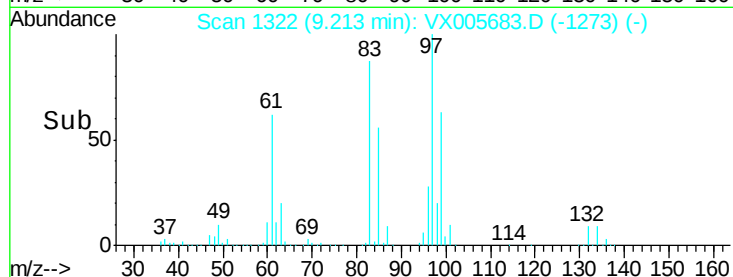
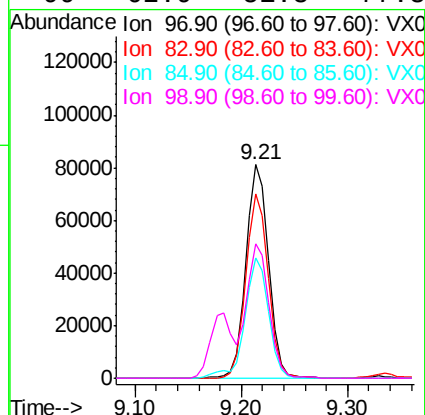
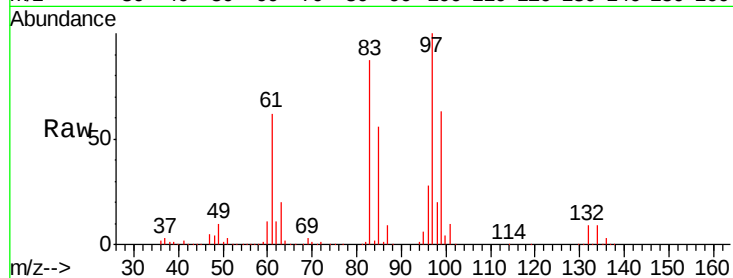




#55
 1,1,2-Trichloroethane
 Concen: 49.02 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

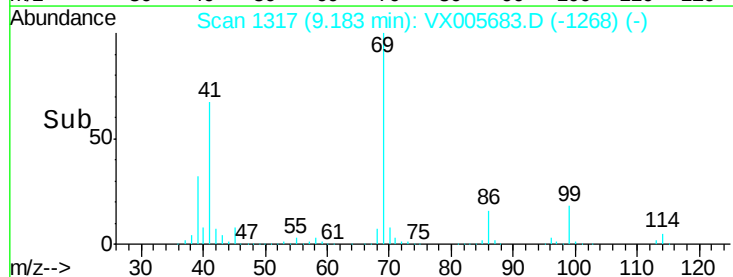
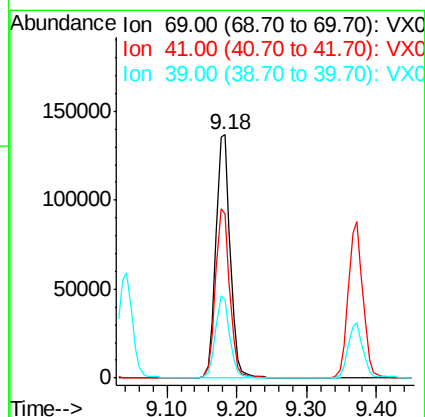
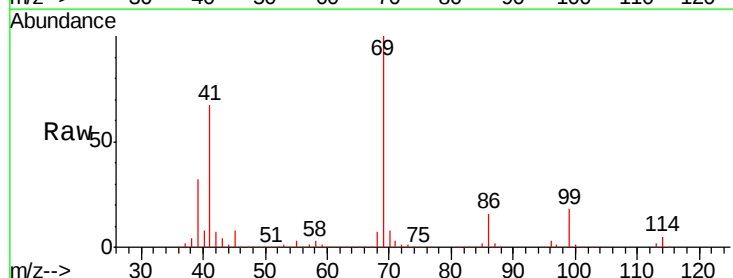
Instrument :
 MSVOA_X
 ClientSampleId :

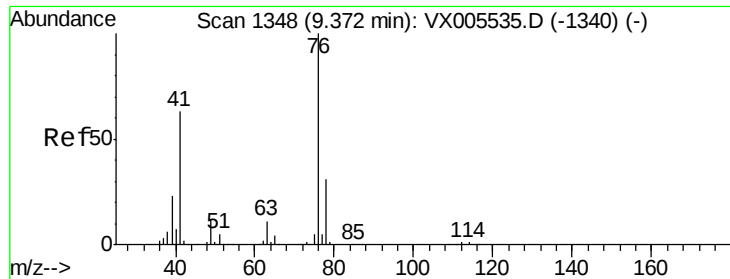
Tgt Ion: 97 Resp: 121492
 Ion Ratio Lower Upper
 97 100
 83 86.5 70.7 106.1
 85 56.2 45.8 68.6
 99 62.9 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 52.97 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 69 Resp: 195808
 Ion Ratio Lower Upper
 69 100
 41 69.2 57.0 85.6
 39 33.3 28.3 42.5

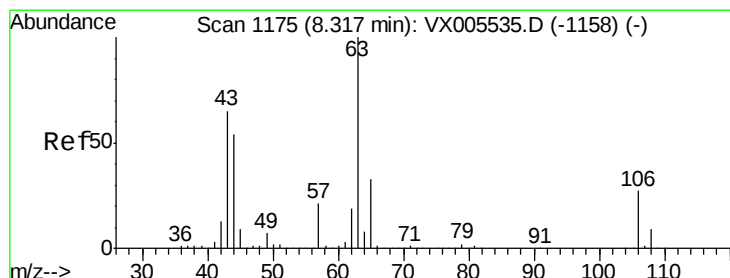
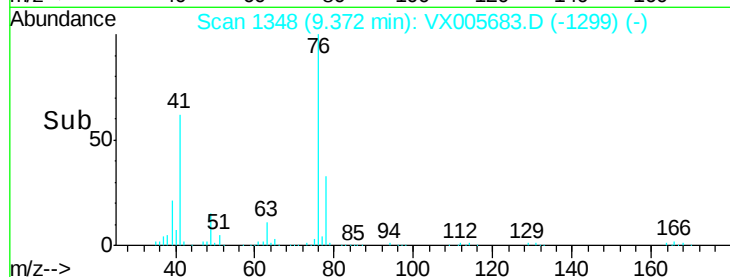
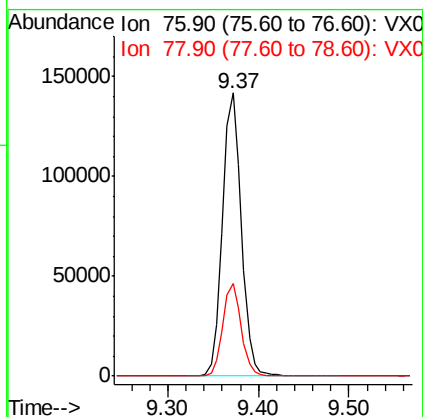
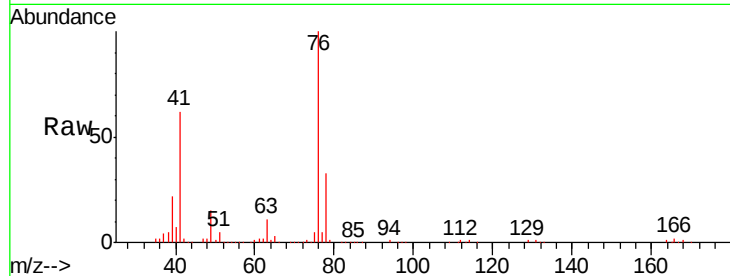




#57
 1,3-Dichloropropane
 Concen: 49.09 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

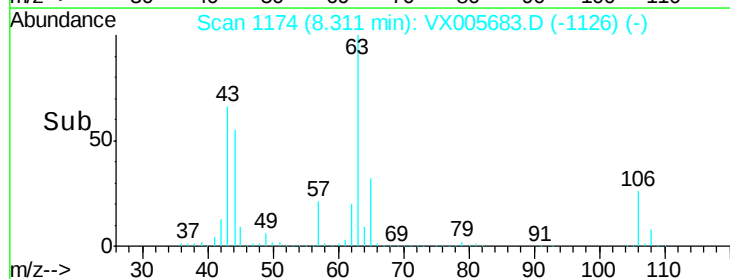
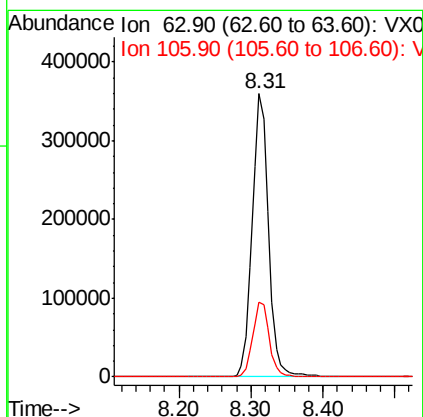
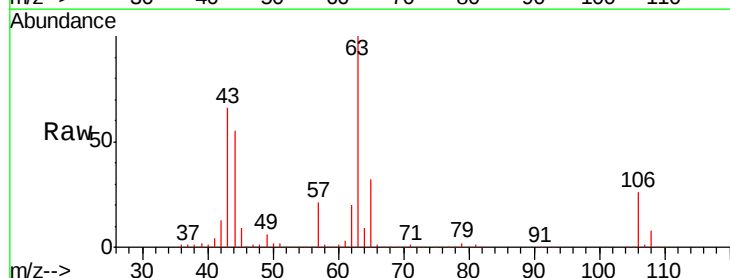
Instrument :
 MSVOA_X
 ClientSampleId :

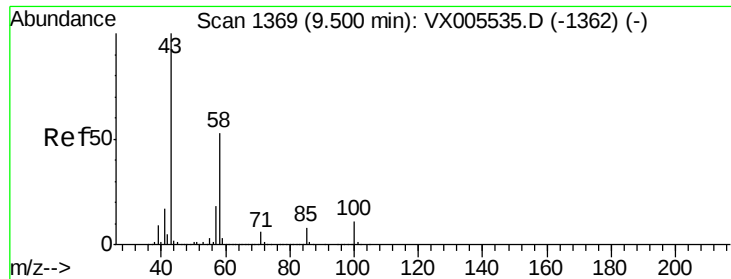
Tgt Ion: 76 Resp: 205858
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.97 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 63 Resp: 569779
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.3 31.9

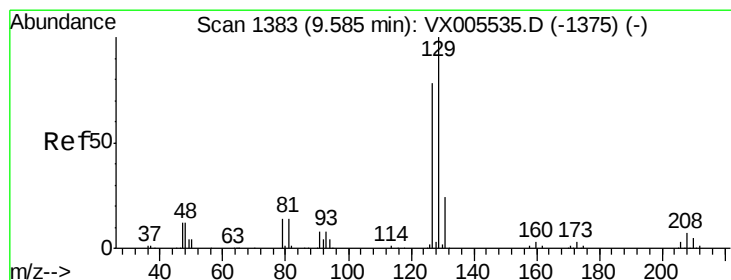
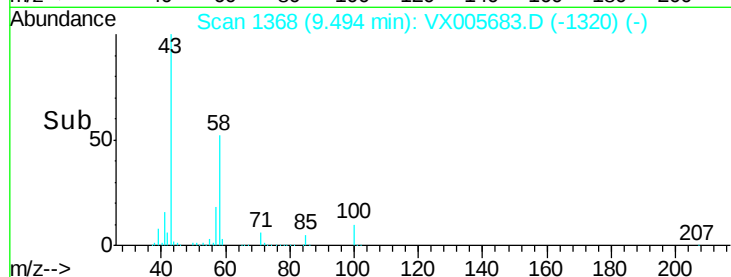
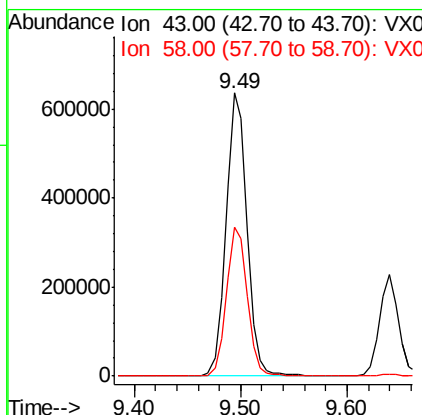
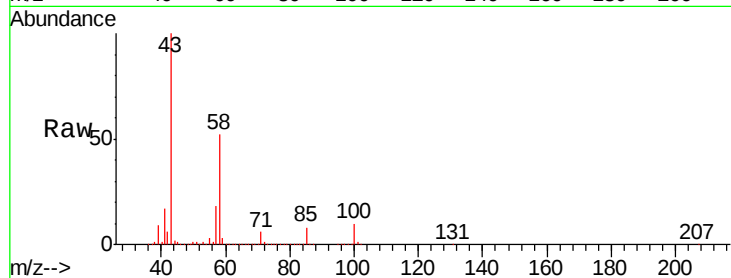




#59
2-Hexanone
Concen: 255.18 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

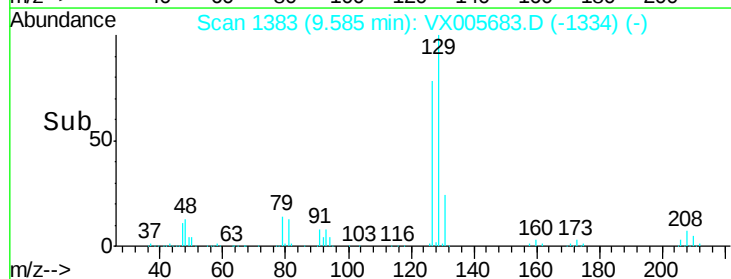
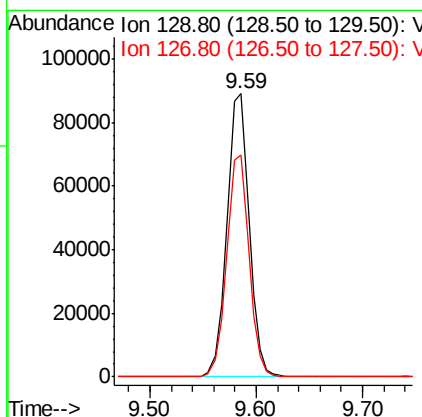
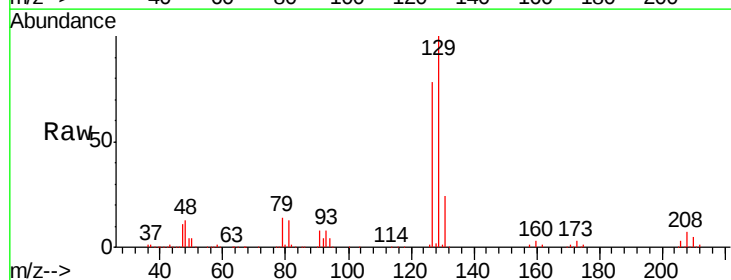
Instrument :
MSVOA_X
ClientSampleId :

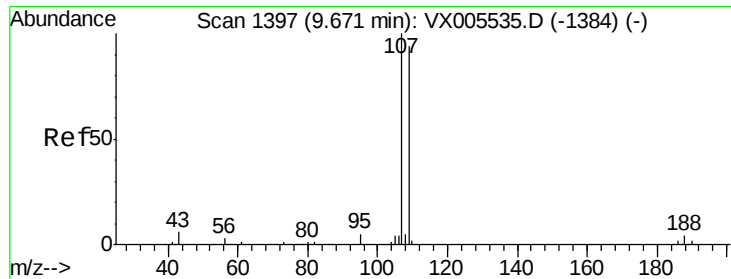
Tgt Ion: 43 Resp: 872437
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8



#60
Dibromochloromethane
Concen: 50.71 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 129 Resp: 131118
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7

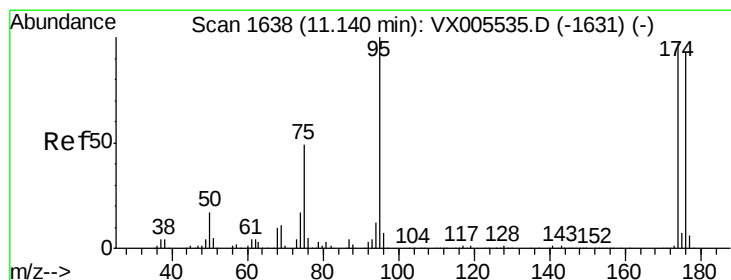
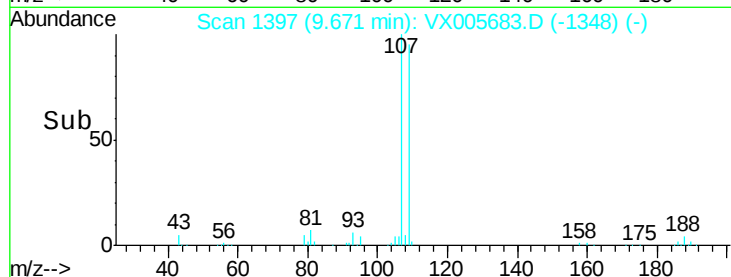
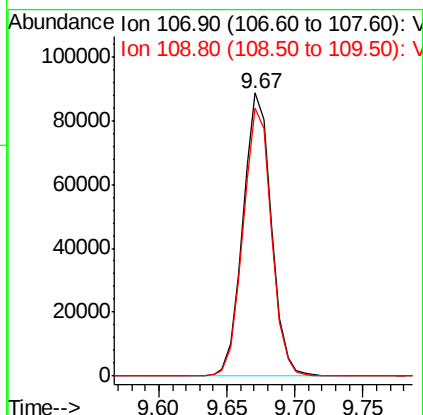
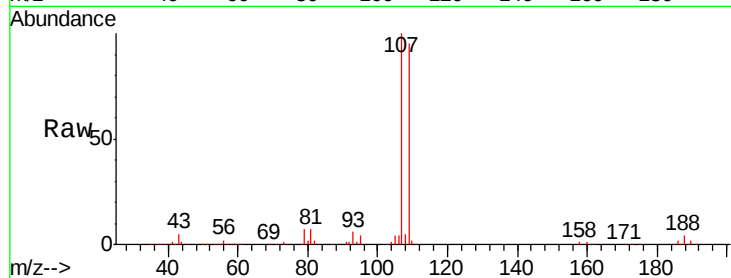




#61
 1,2-Dibromoethane
 Concen: 50.32 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

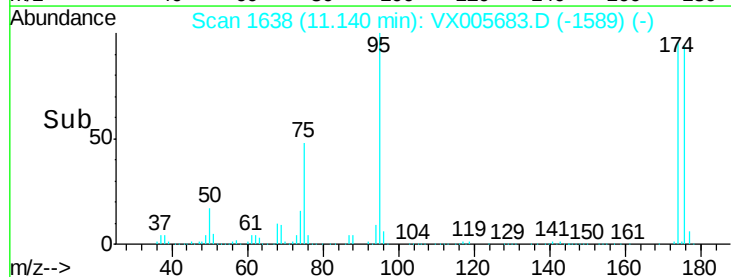
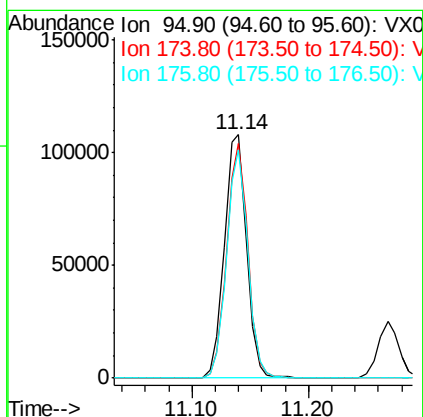
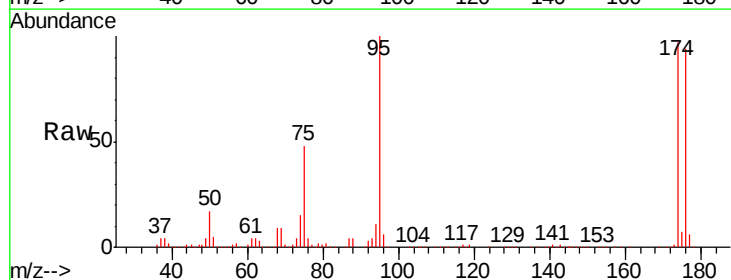
Instrument :
 MSVOA_X
 ClientSampleId :

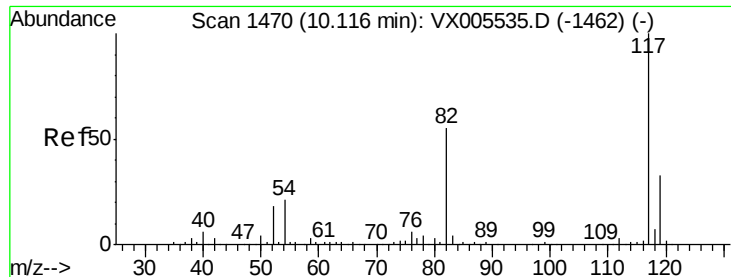
Tgt Ion: 107 Resp: 129007
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 44.50 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 95 Resp: 142166
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 184.4
 176 90.1 0.0 177.4

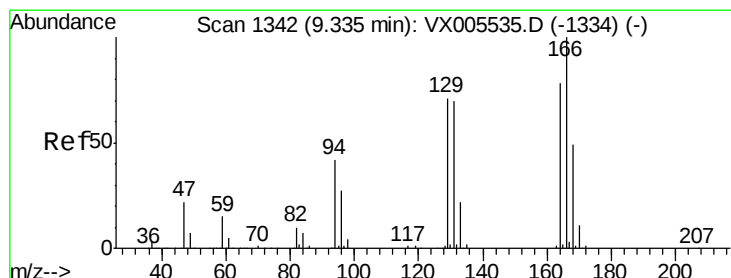
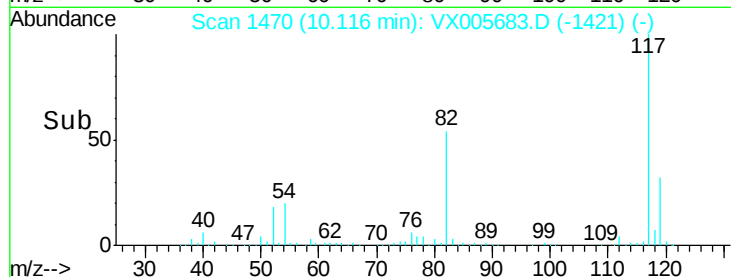
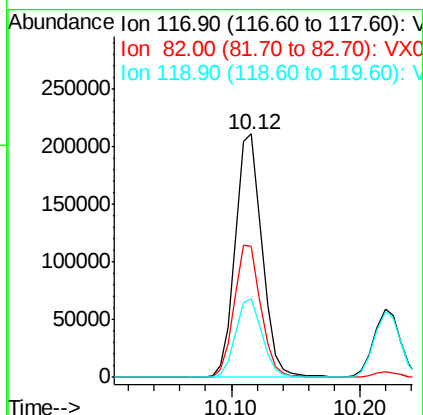
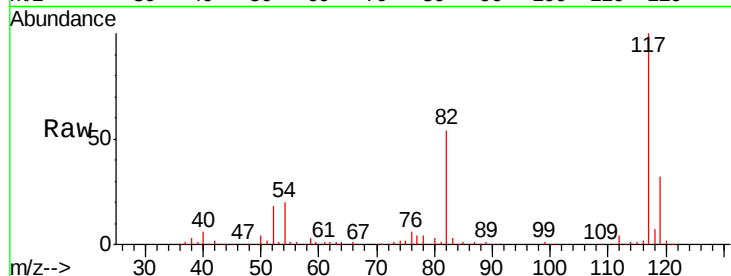




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

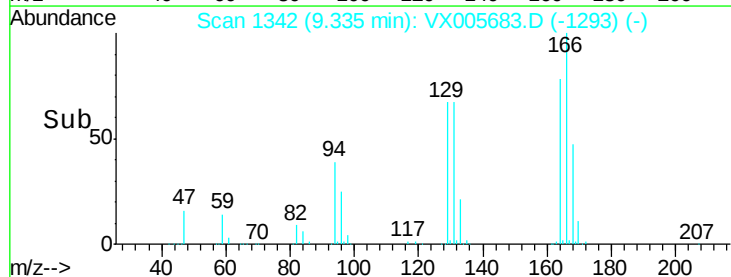
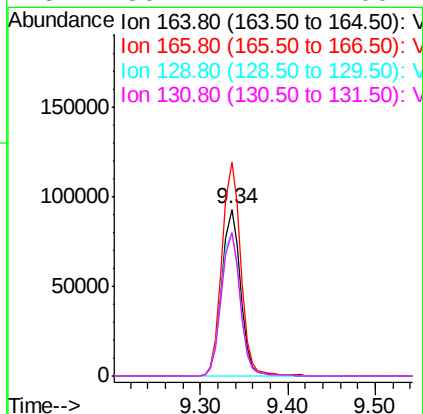
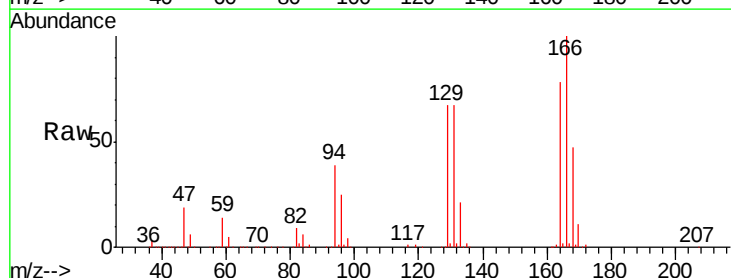
Instrument :
MSVOA_X
ClientSampleId :

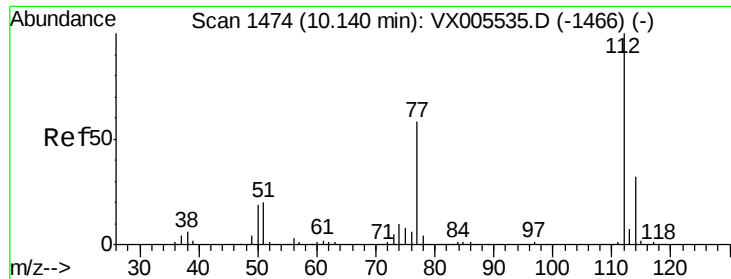
Tgt Ion:117 Resp: 307116
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 54.32 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion:164 Resp: 138499
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 86.3 72.6 109.0
131 86.2 71.1 106.7

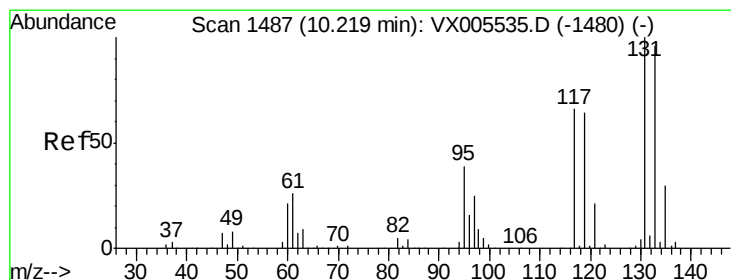
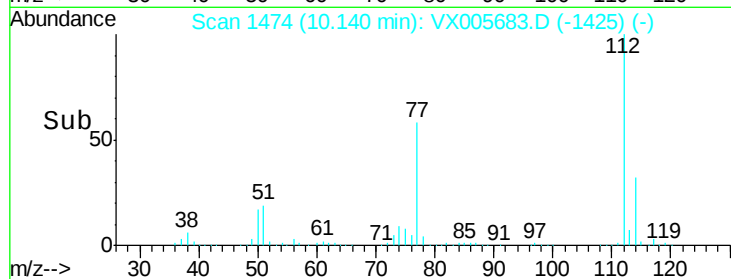
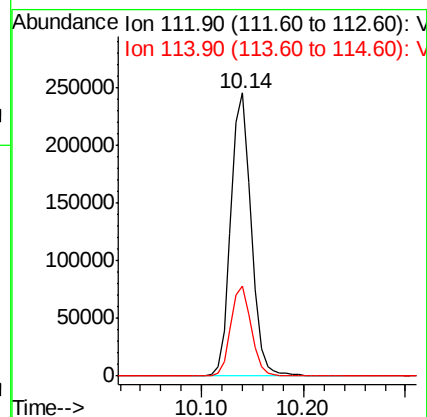
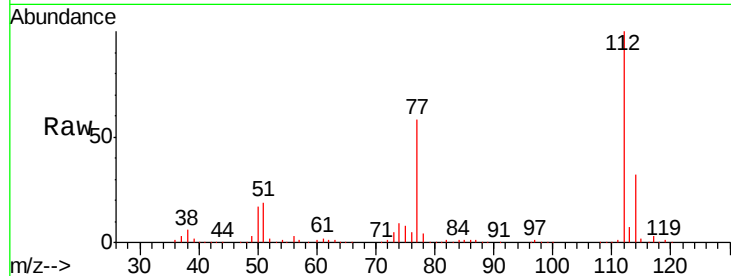




#65
Chlorobenzene
Concen: 51.91 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

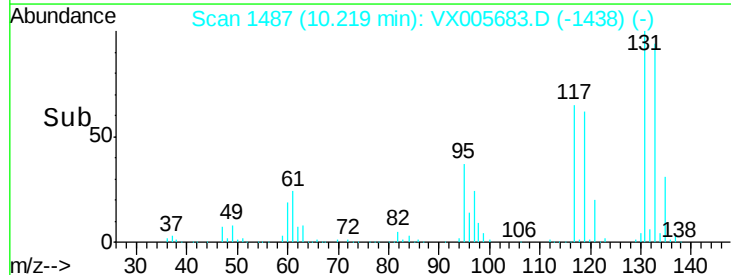
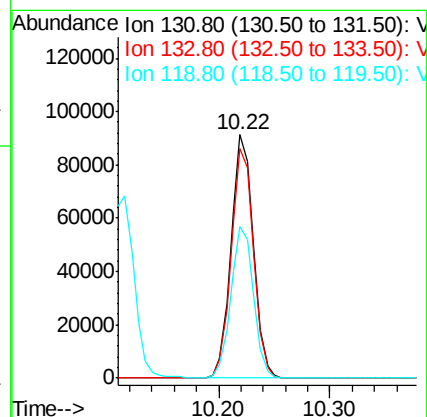
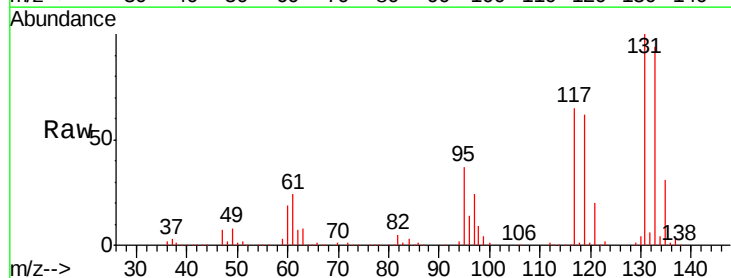
Instrument :
MSVOA_X
ClientSampled :

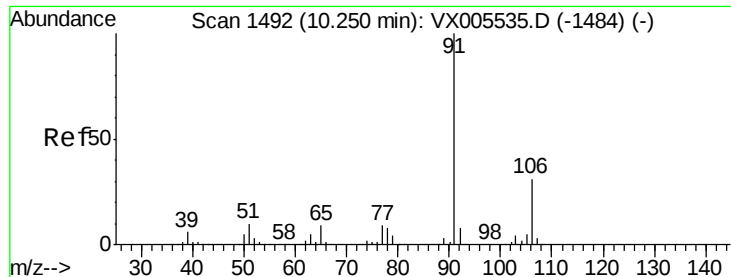
Tgt Ion:112 Resp: 339466
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.83 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion:131 Resp: 125970
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 63.1 31.8 95.3

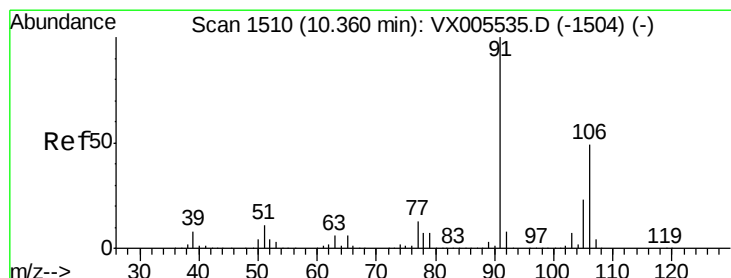
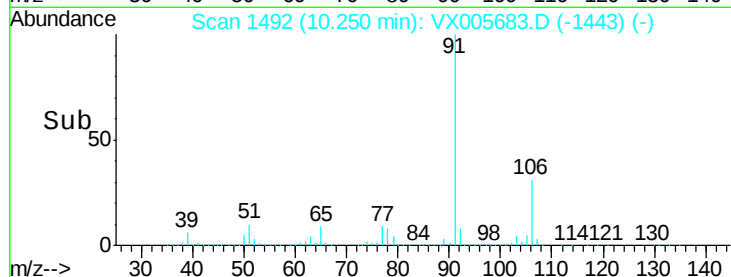
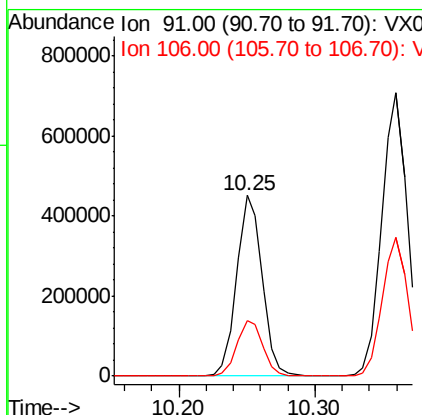
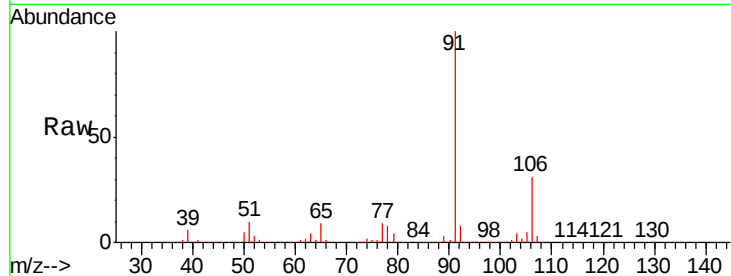




#67
Ethyl Benzene
Concen: 54.72 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

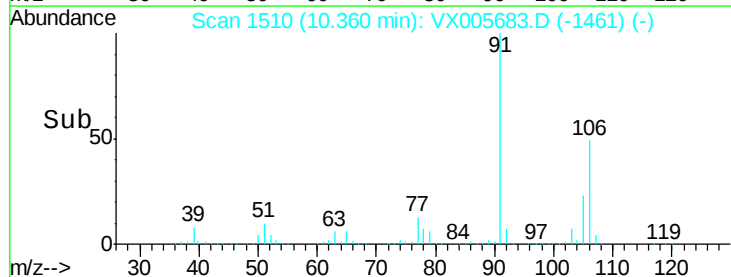
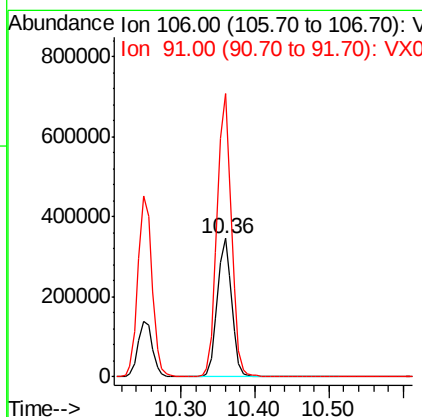
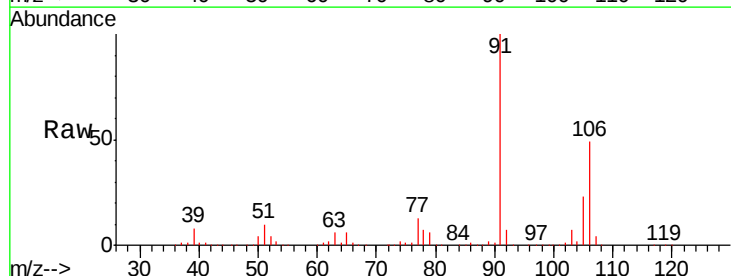
Instrument :
MSVOA_X
ClientSampled :

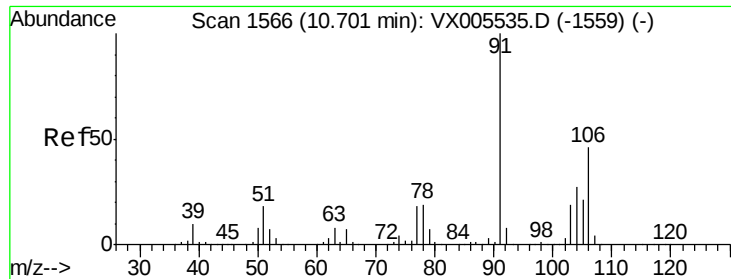
Tgt Ion: 91 Resp: 588775
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 110.22 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 106 Resp: 460108
Ion Ratio Lower Upper
106 100
91 203.7 164.2 246.4

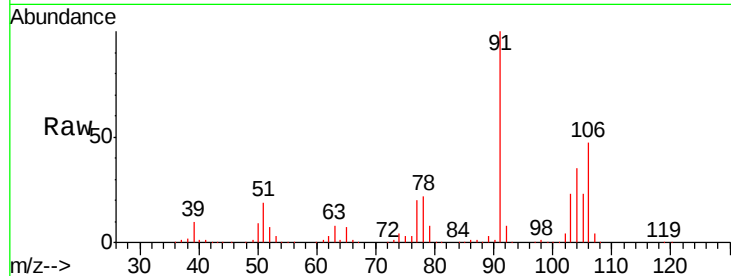




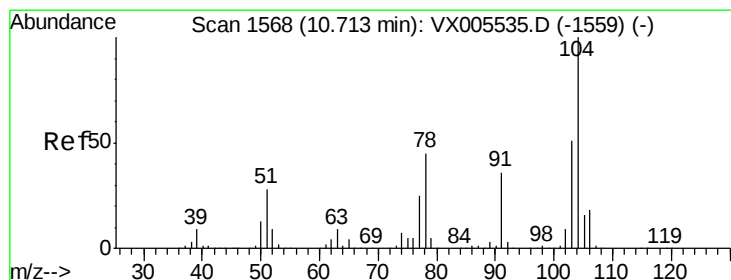
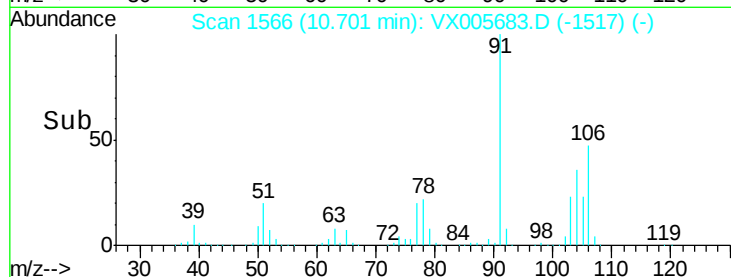
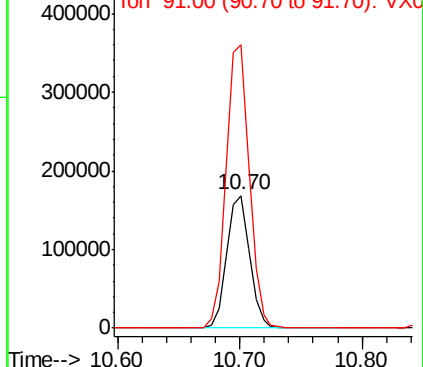
#69
o-Xylene
Concen: 55.48 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:106 Resp: 217893
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.5

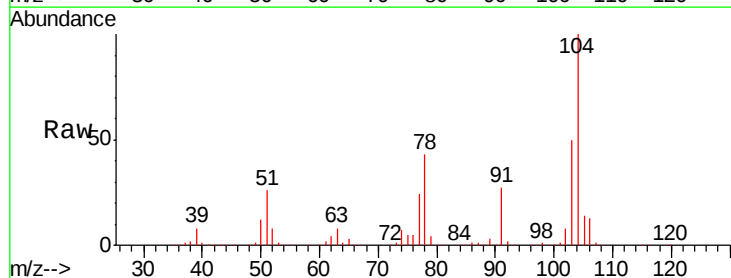


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

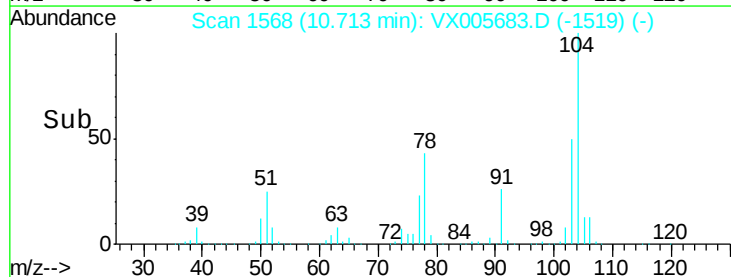
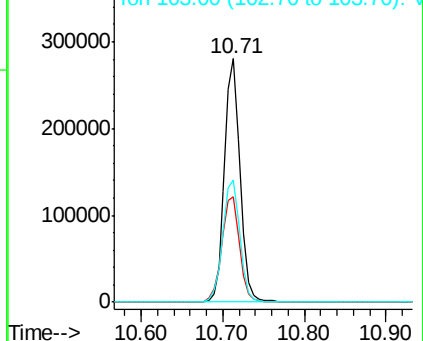


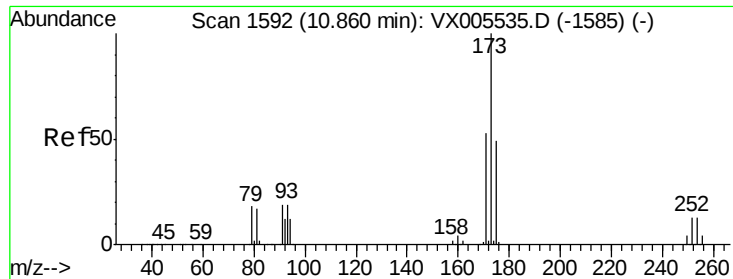
#70
Styrene
Concen: 56.38 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion:104 Resp: 370691
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 56.1 44.9 67.3



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





#71

Bromoform

Concen: 53.04 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampled :

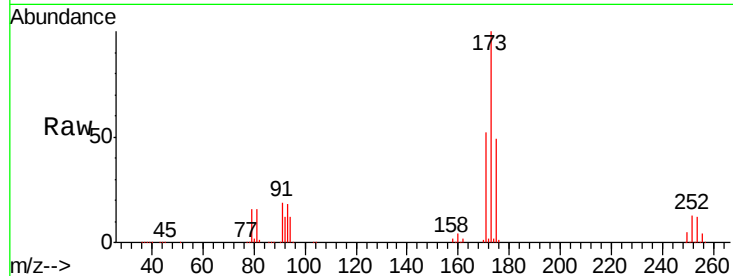
Tgt Ion:173 Resp: 112862

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.3

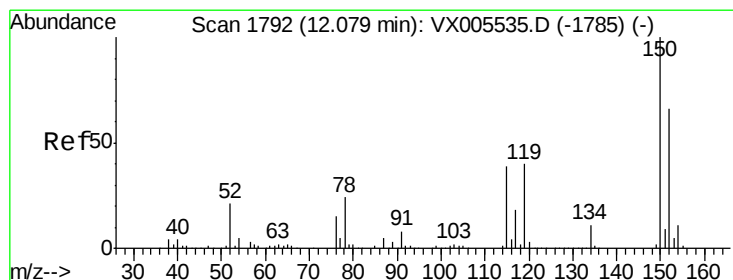
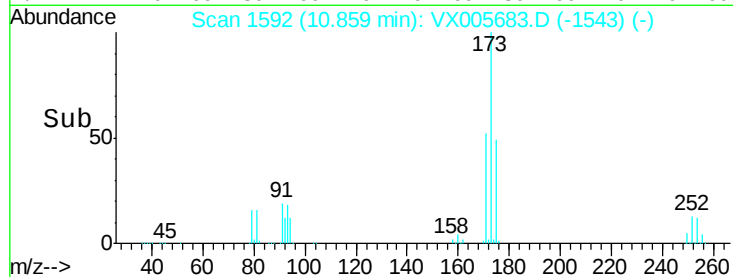
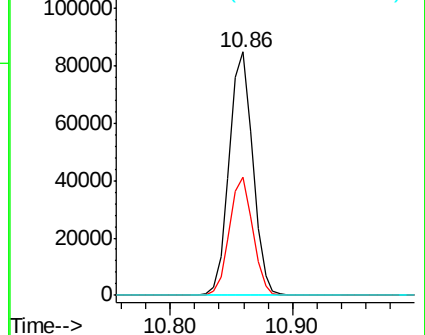
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

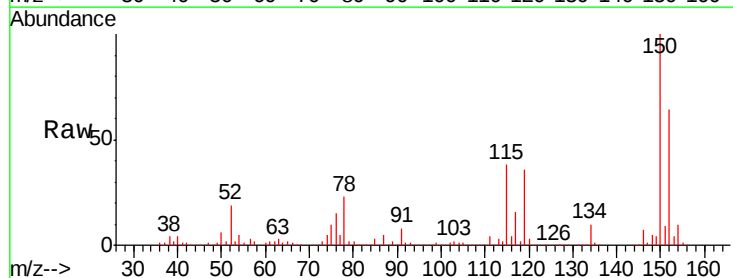
Tgt Ion:152 Resp: 179227

Ion Ratio Lower Upper

152 100

115 79.2 39.4 118.1

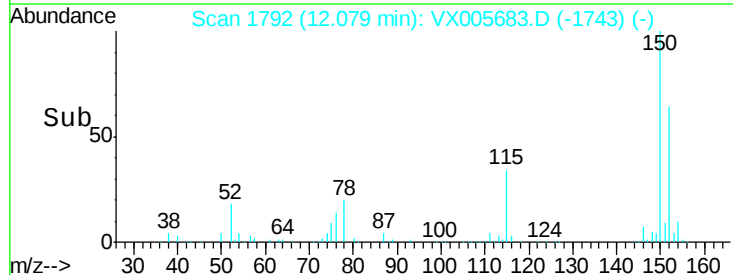
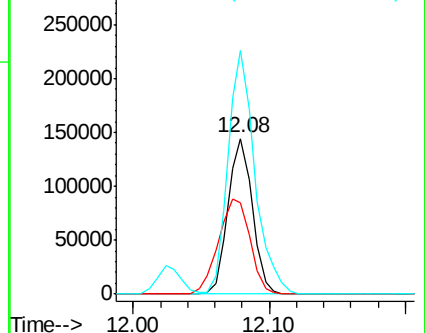
150 172.9 0.0 346.4

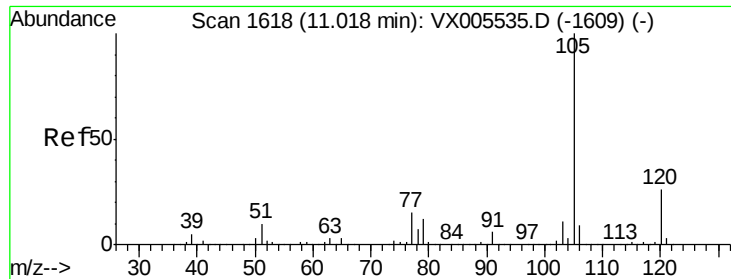


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.26 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

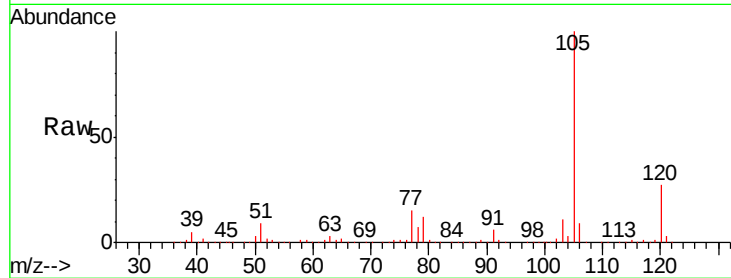
ClientSampled :

Tgt Ion: 105 Resp: 605451

Ion Ratio Lower Upper

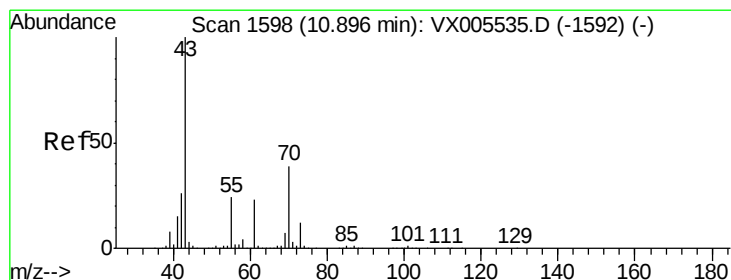
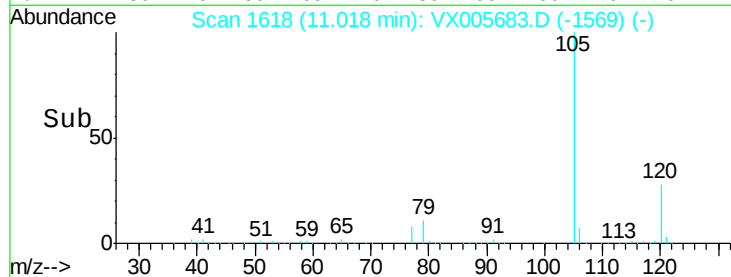
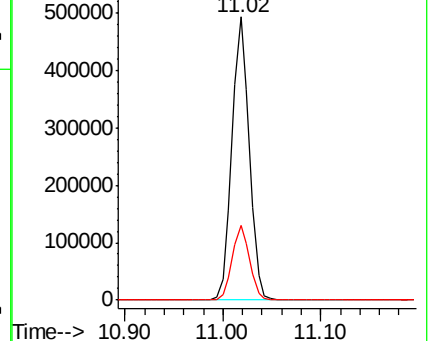
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.25 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion: 43 Resp: 289071

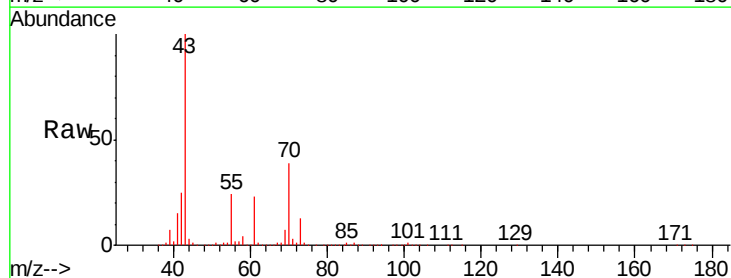
Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 24.4 19.7 29.5

61 23.3 18.3 27.5

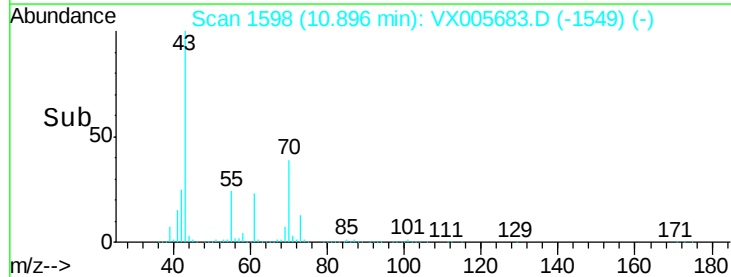
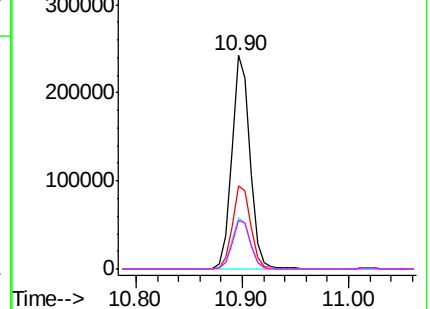


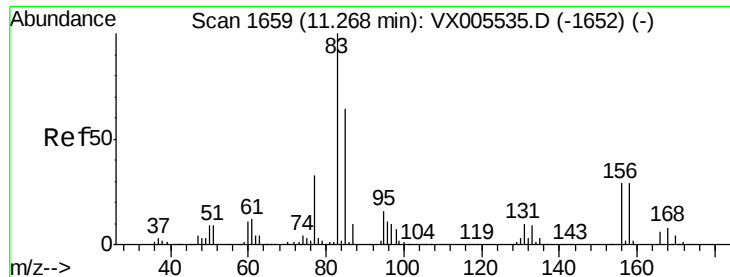
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.76 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

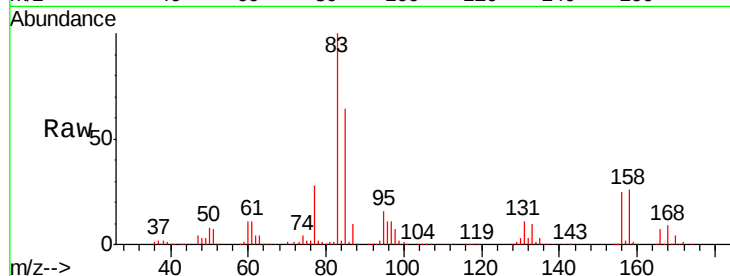
Tgt Ion: 83 Resp: 201107

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

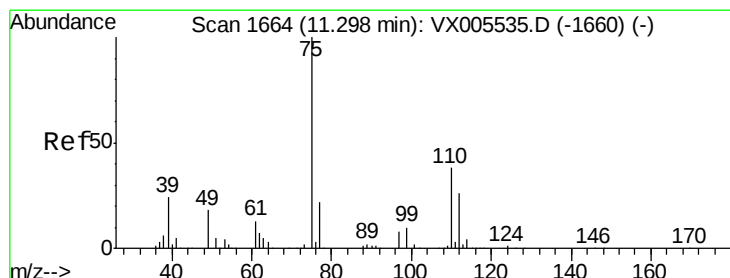
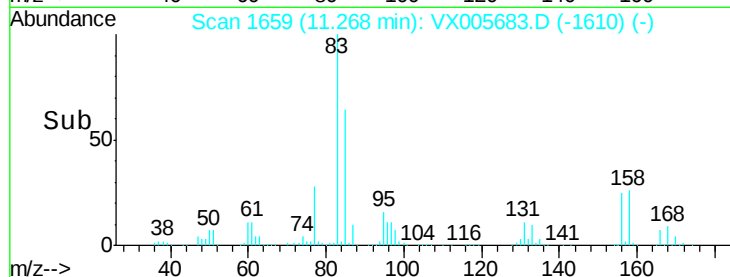
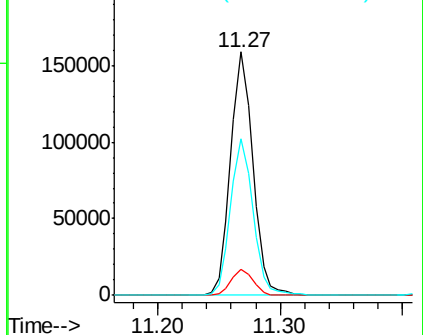
85 64.8 32.0 96.2



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: 64.07 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005683.D

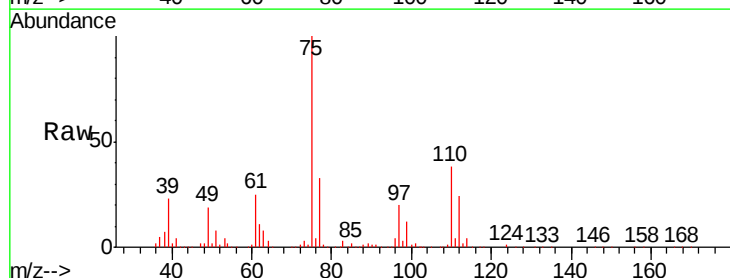
Acq: 30 Oct 2018 11:03

Tgt Ion: 75 Resp: 243297

Ion Ratio Lower Upper

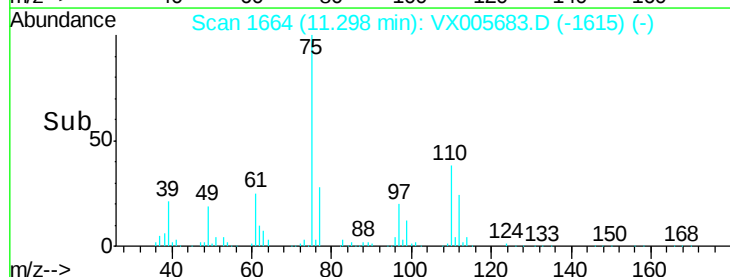
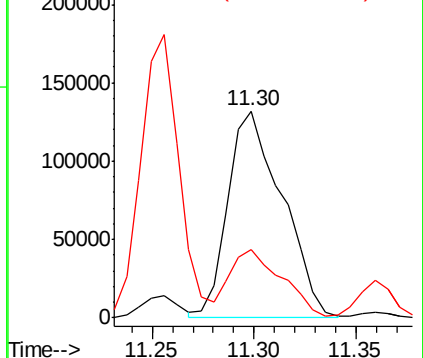
75 100

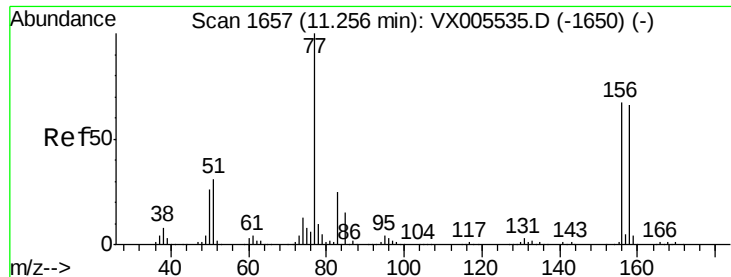
77 31.9 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.78 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

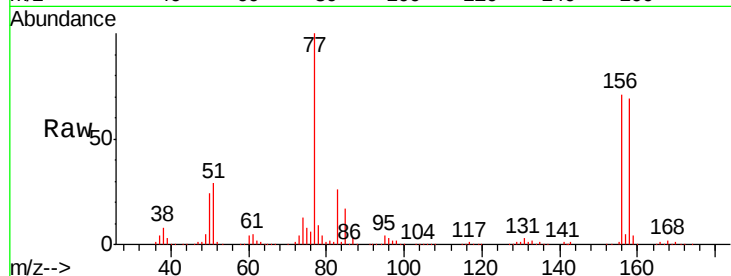
Tgt Ion:156 Resp: 161150

Ion Ratio Lower Upper

156 100

77 146.1 74.8 224.4

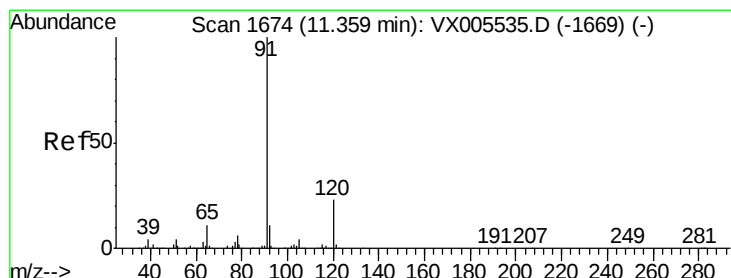
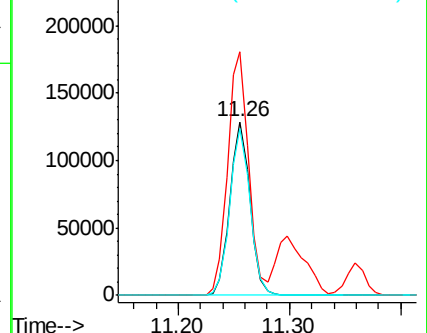
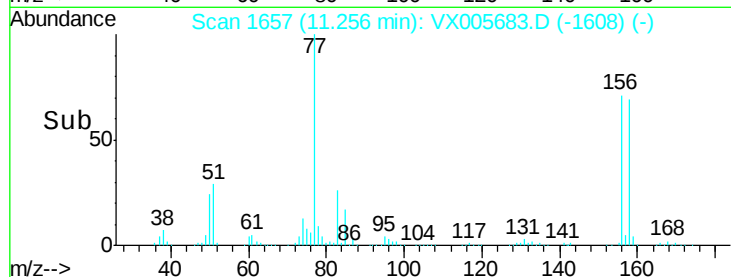
158 97.0 49.1 147.3



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: 56.27 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005683.D

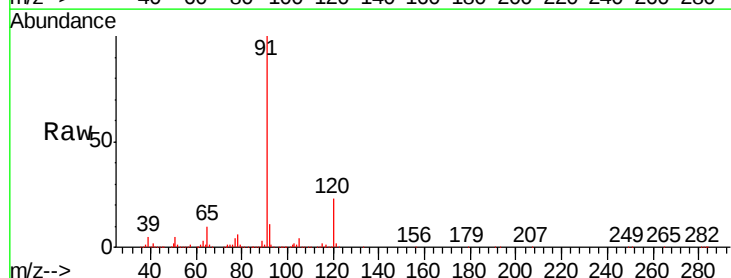
Acq: 30 Oct 2018 11:03

Tgt Ion: 91 Resp: 704956

Ion Ratio Lower Upper

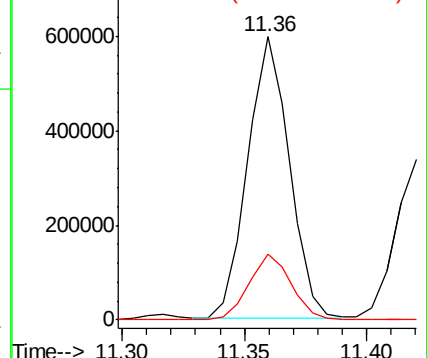
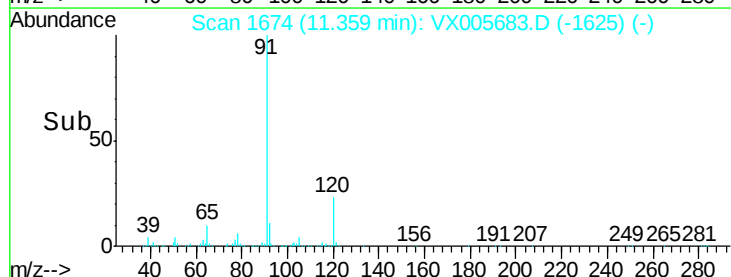
91 100

120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.23 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

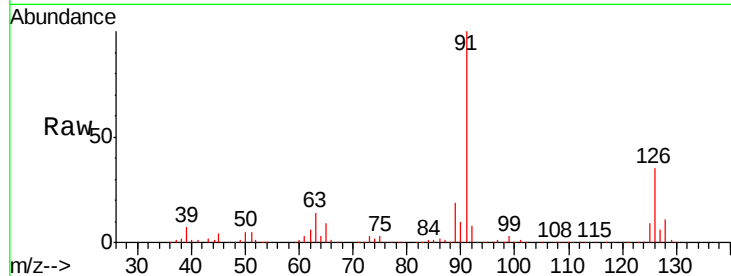
ClientSampleId :

Tgt Ion: 91 Resp: 413454

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

600000

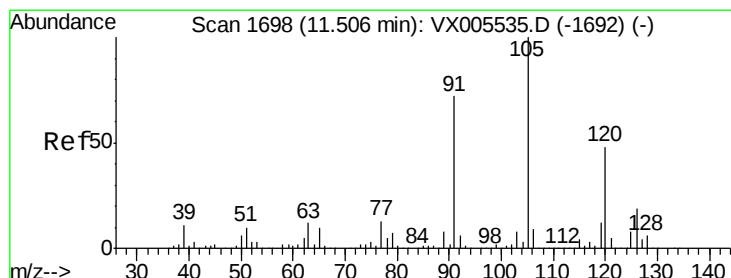
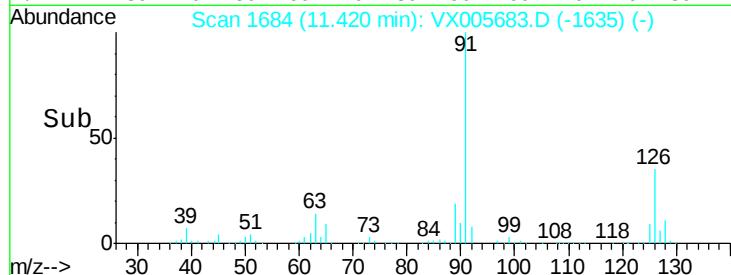
400000

200000

0

11.35 11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.17 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005683.D

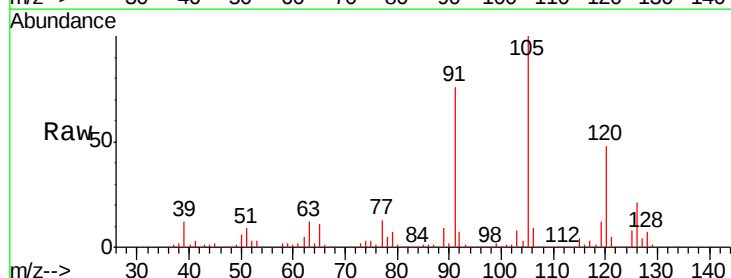
Acq: 30 Oct 2018 11:03

Tgt Ion: 105 Resp: 517093

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

500000

400000

300000

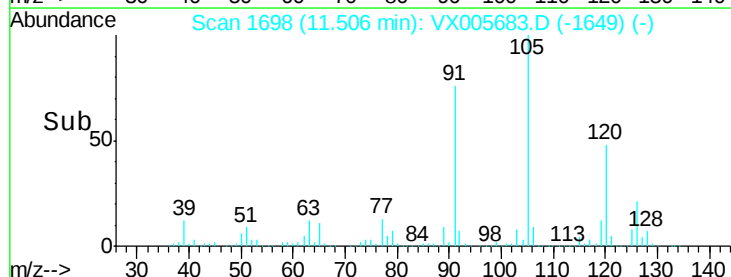
200000

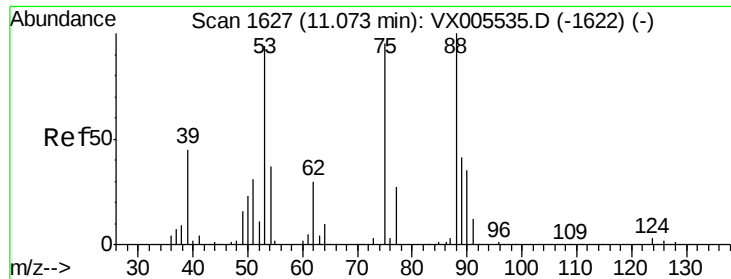
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.46 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

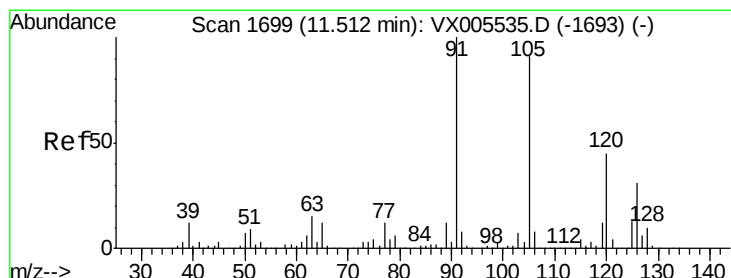
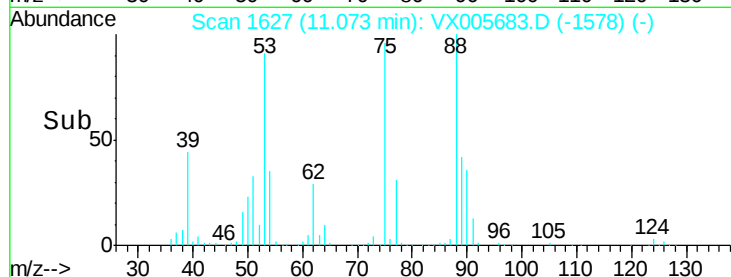
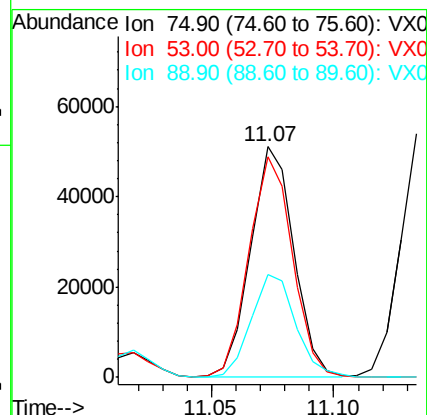
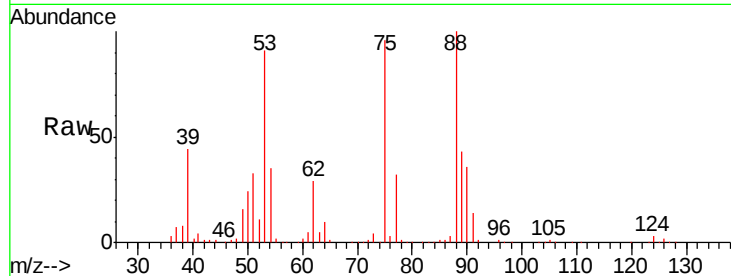
Tgt Ion: 75 Resp: 62133

Ion Ratio Lower Upper

75 100

53 96.9 80.2 120.2

89 46.9 39.8 59.8



#82

4-Chlorotoluene

Concen: 53.78 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005683.D

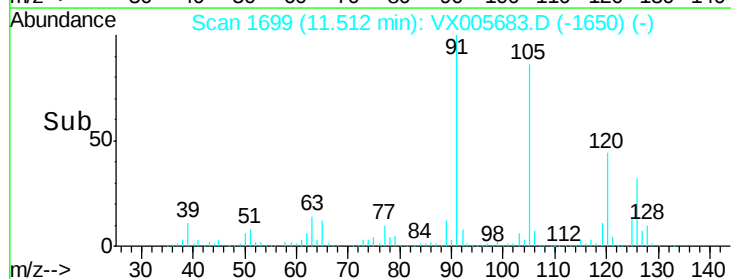
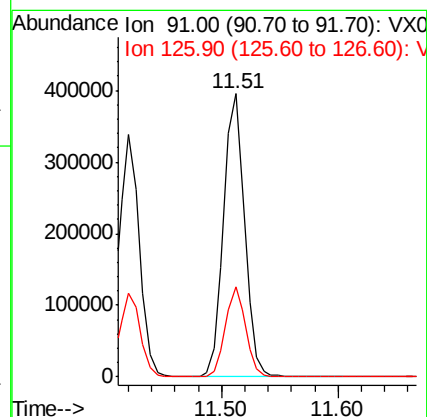
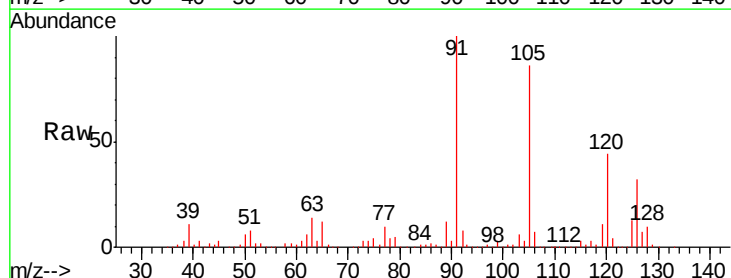
Acq: 30 Oct 2018 11:03

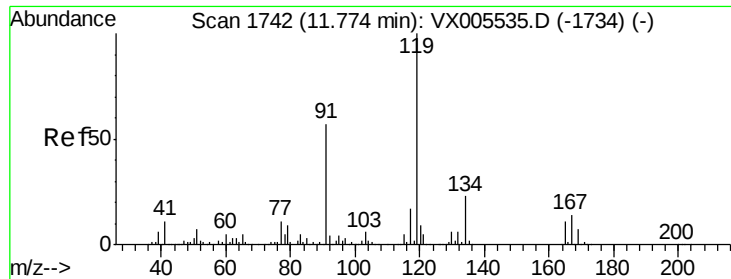
Tgt Ion: 91 Resp: 492568

Ion Ratio Lower Upper

91 100

126 30.8 15.2 45.6

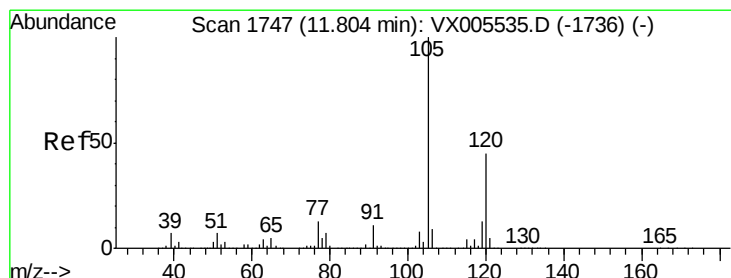
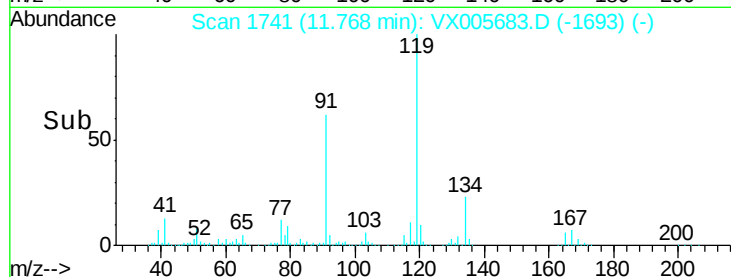
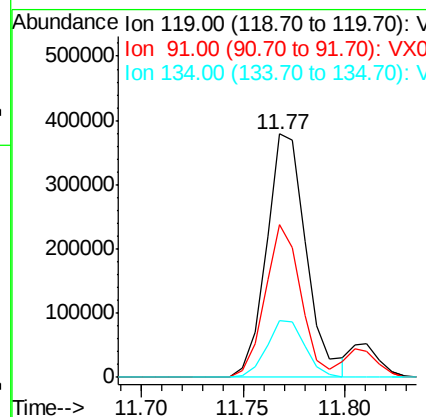
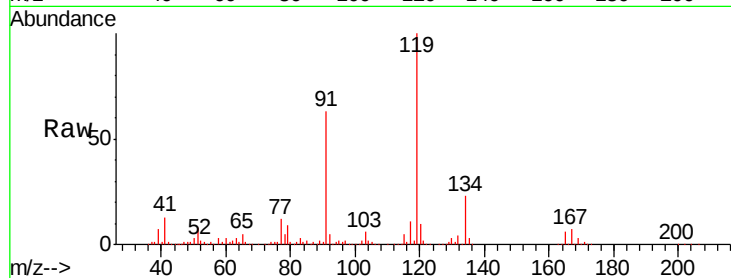




#83
 tert-Butylbenzene
 Concen: 55.03 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

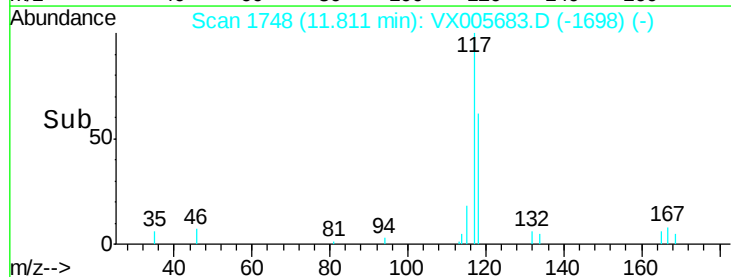
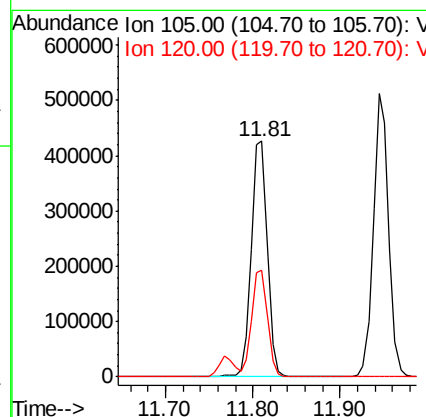
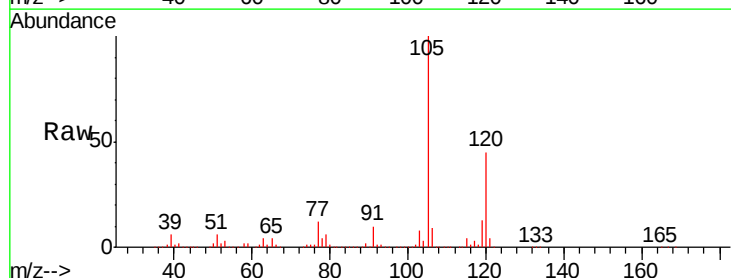
Instrument :
 MSVOA_X
 ClientSampled :

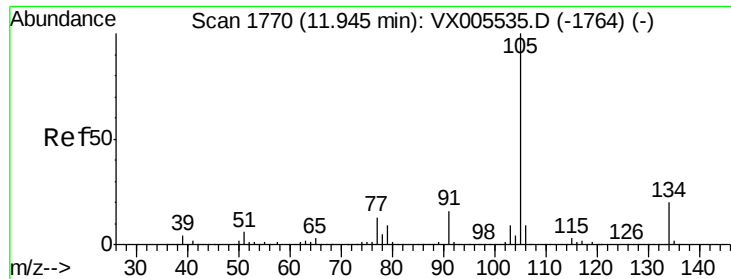
Tgt Ion:119 Resp: 514058
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.5 85.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 56.49 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion:105 Resp: 536541
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0

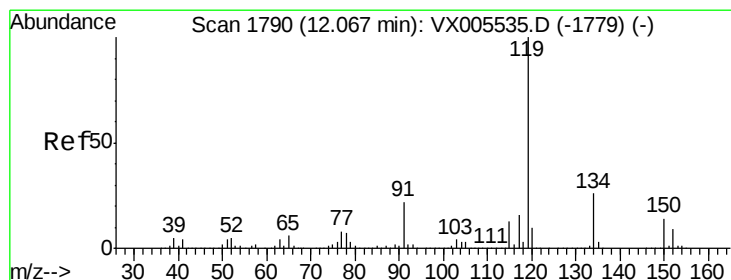
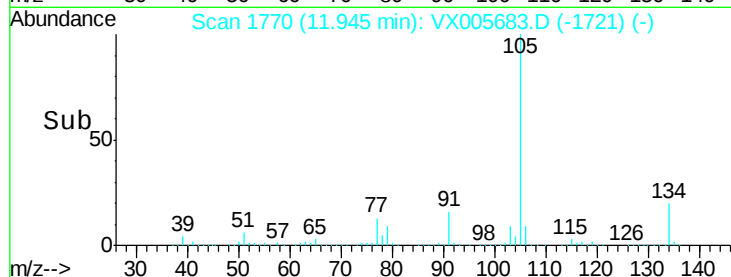
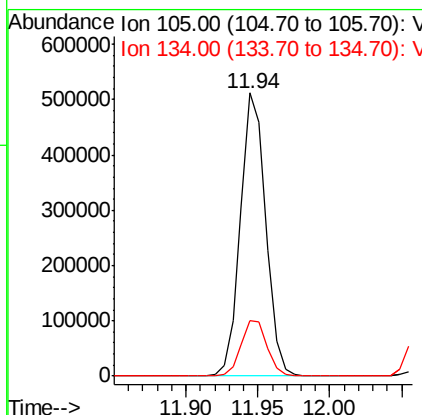
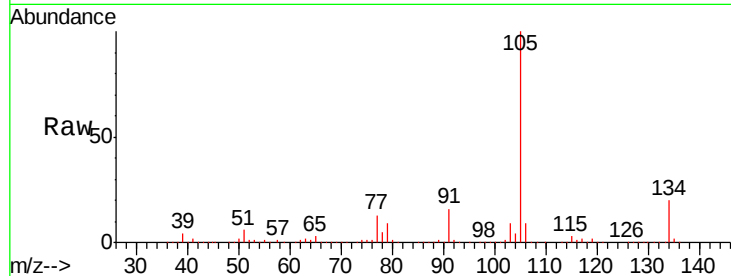




#85
 sec-Butylbenzene
 Concen: 55.92 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

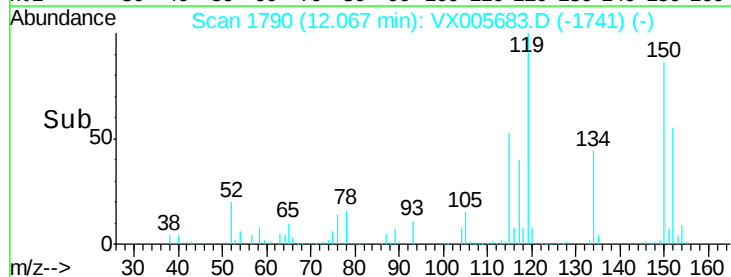
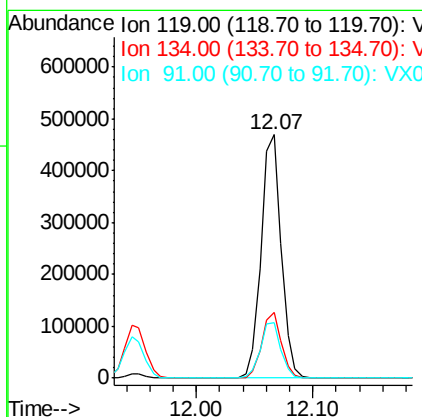
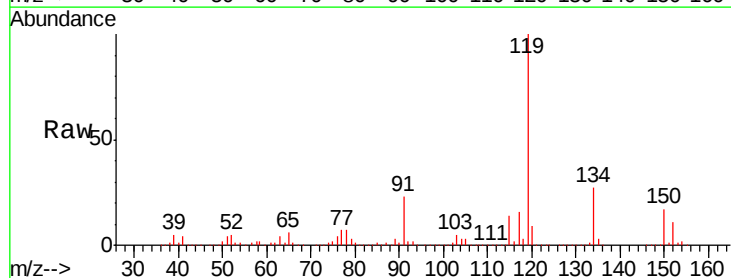
Instrument :
 MSVOA_X
 ClientSampled :

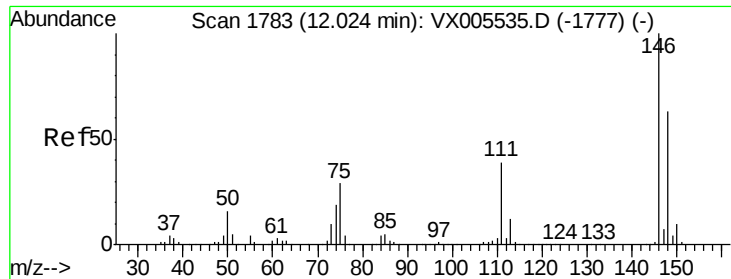
Tgt Ion:105 Resp: 623319
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 57.02 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion:119 Resp: 568269
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.4 34.2

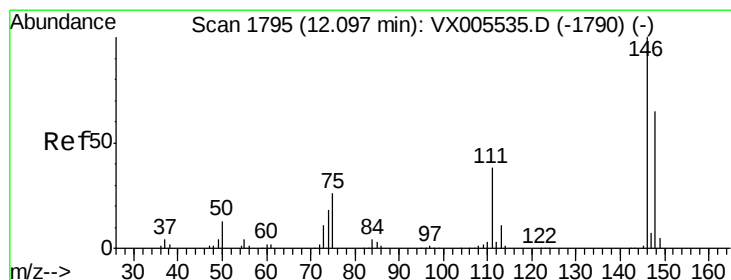
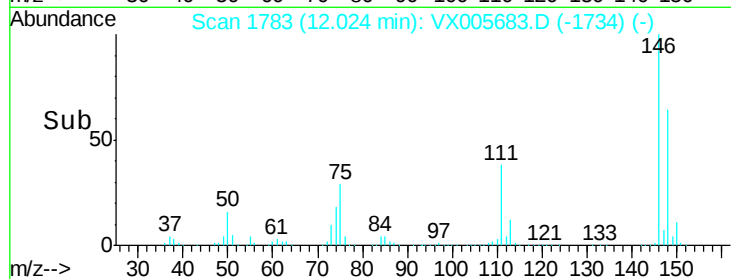
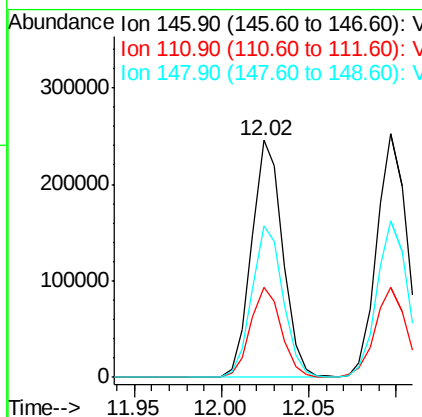
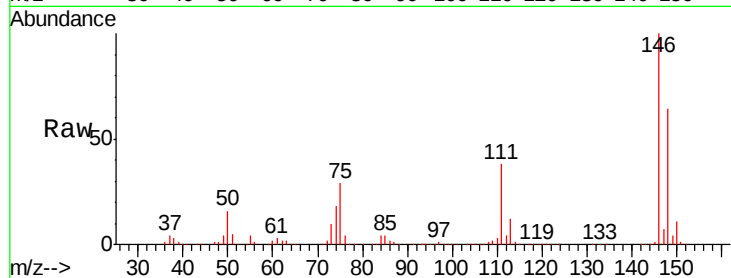




#87
 1,3-Dichlorobenzene
 Concen: 52.99 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

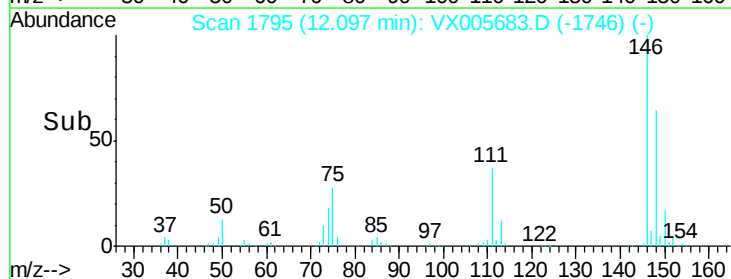
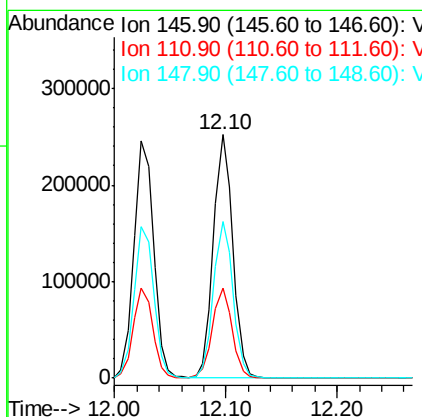
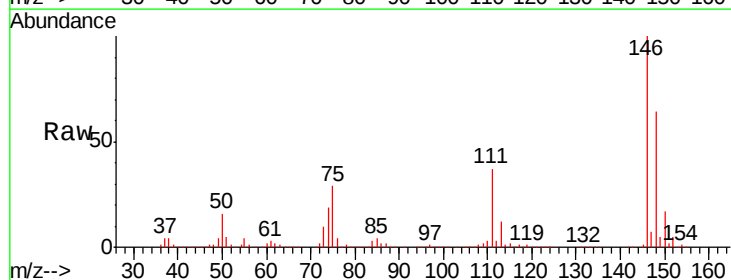
Instrument :
 MSVOA_X
 ClientSampleId :

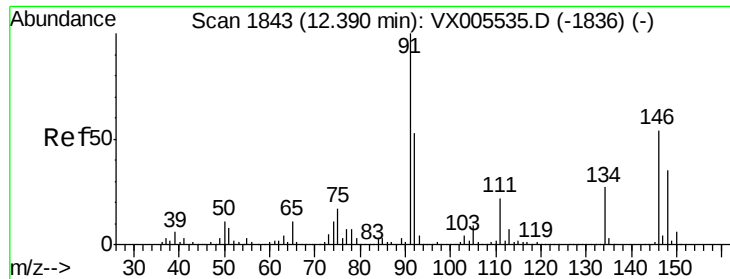
Tgt Ion:146 Resp: 304238
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 51.14 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion:146 Resp: 306492
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 64.6 32.1 96.3

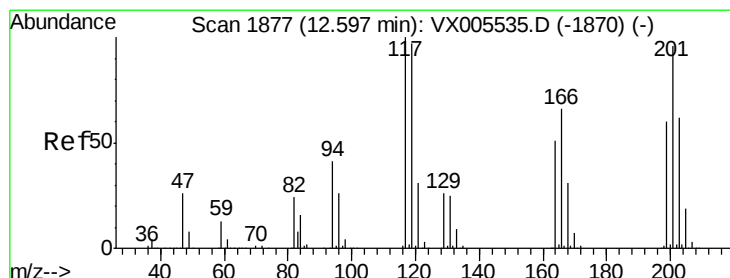
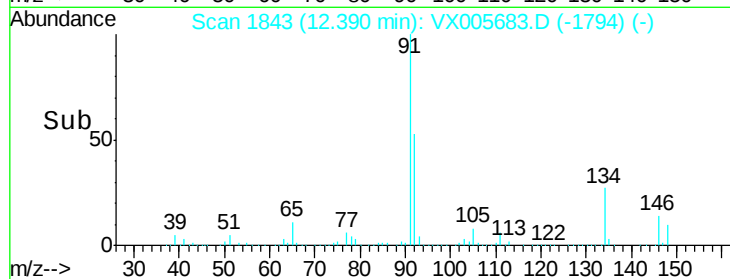
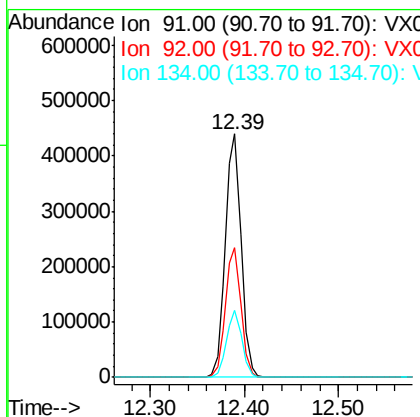
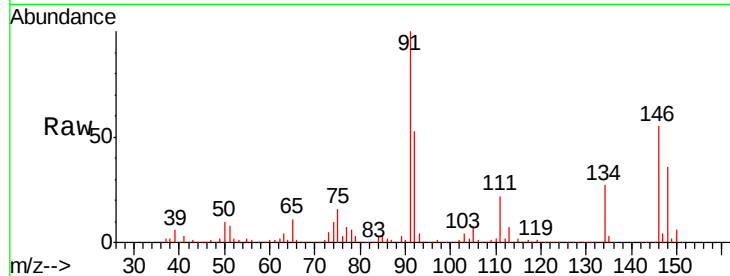




#89
n-Butylbenzene
Concen: 56.89 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

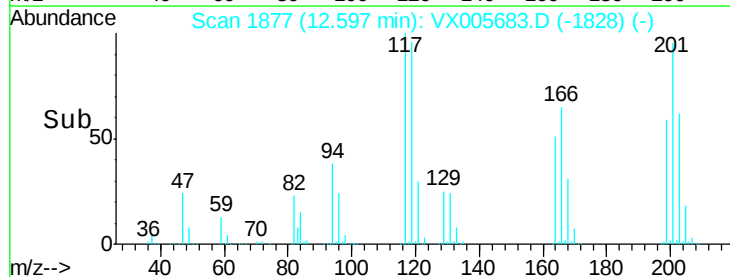
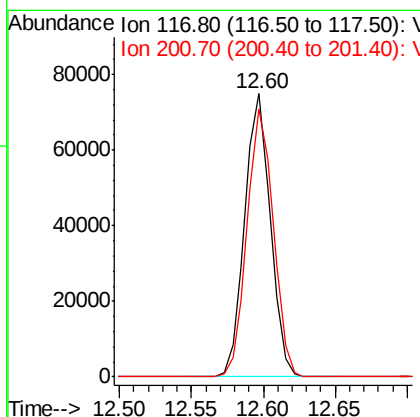
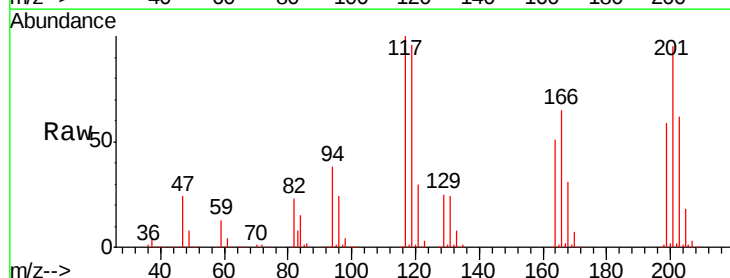
Instrument :
MSVOA_X
ClientSampled :

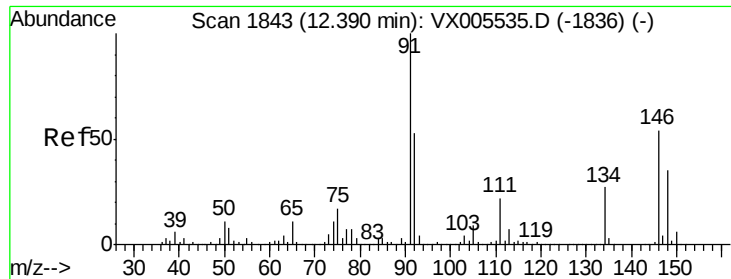
Tgt Ion: 91 Resp: 511828
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.2
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 53.80 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 117 Resp: 92467
Ion Ratio Lower Upper
117 100
201 96.5 47.9 143.6

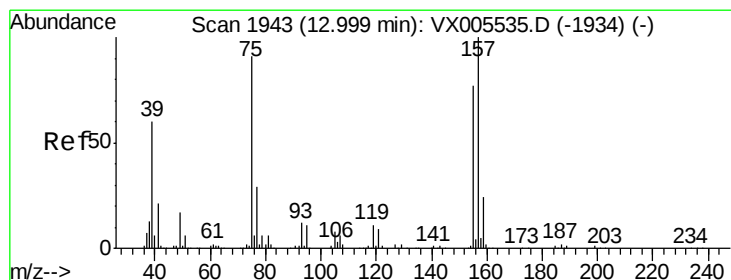
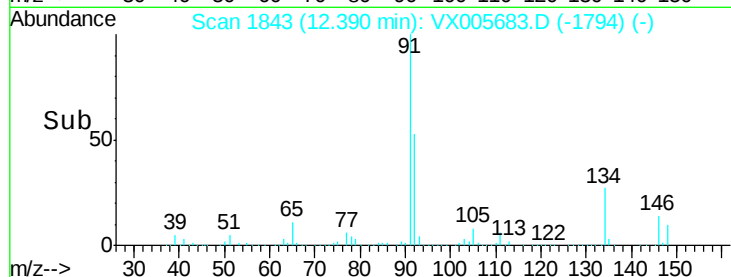
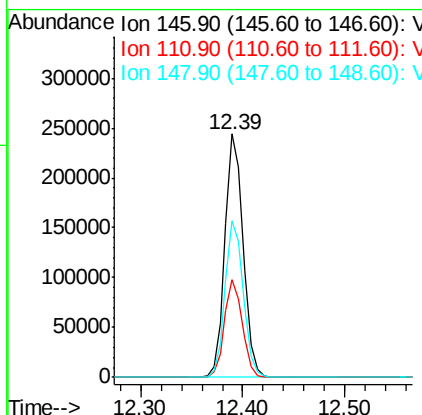
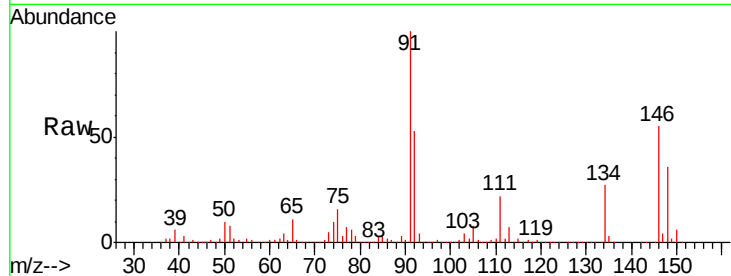




#91
 1,2-Dichlorobenzene
 Concen: 52.06 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

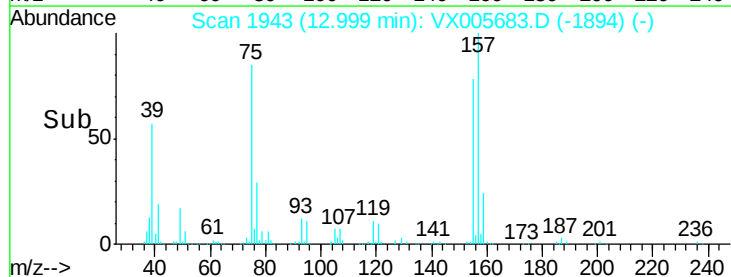
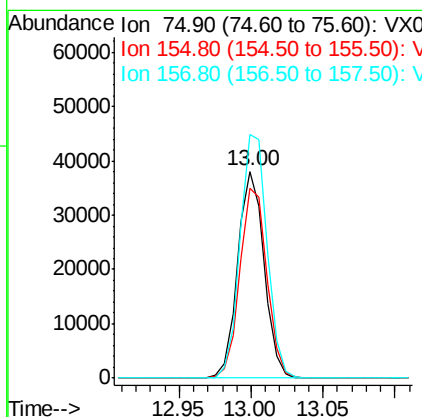
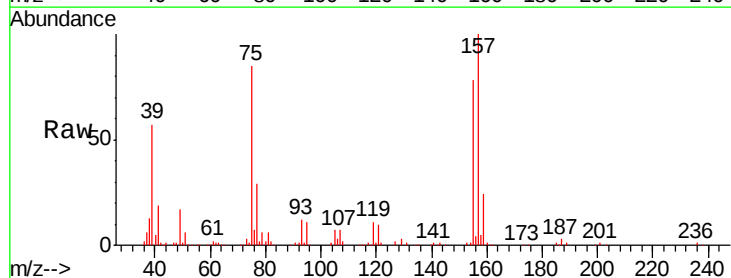
Instrument :
 MSVOA_X
 ClientSampleId :

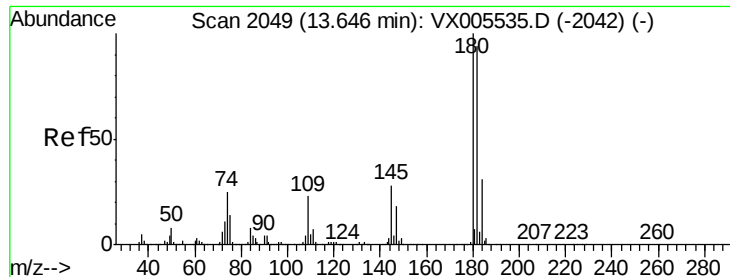
Tgt Ion: 146 Resp: 302420
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.63 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 75 Resp: 48506
 Ion Ratio Lower Upper
 75 100
 155 94.0 45.4 136.1
 157 120.5 57.4 172.0

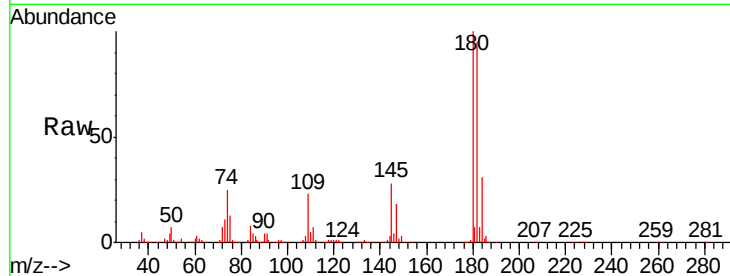




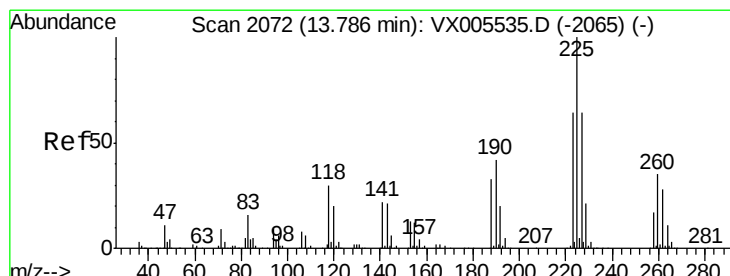
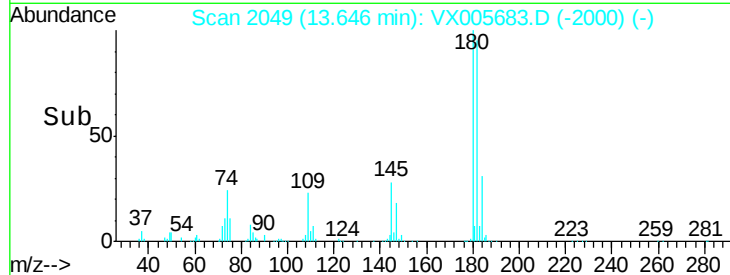
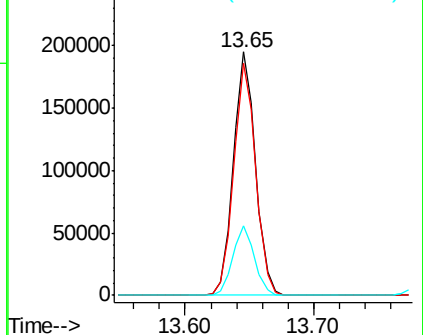
#93
 1,2,4-Trichlorobenzene
 Concen: 55.30 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion:180 Resp: 232854
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.8
 145 28.3 14.1 42.2

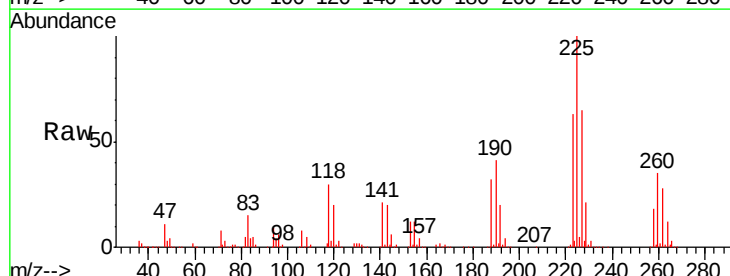


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

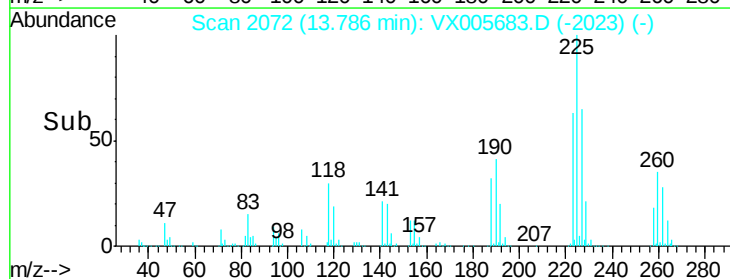
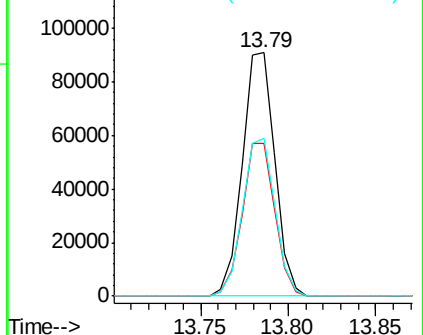


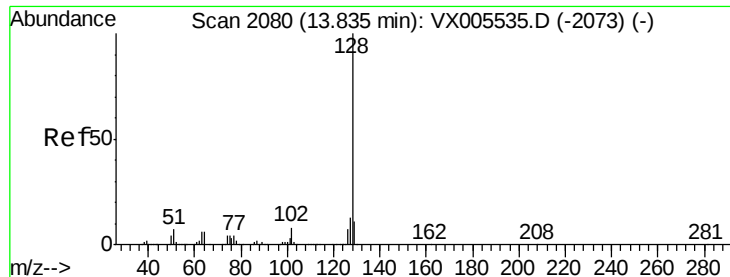
#94
 Hexachlorobutadiene
 Concen: 53.85 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion:225 Resp: 117510
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.7 95.1
 227 64.3 32.3 96.9



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

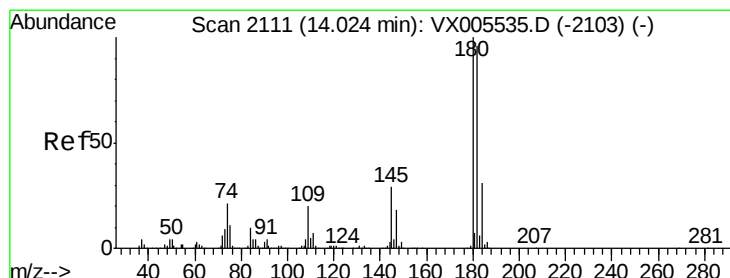
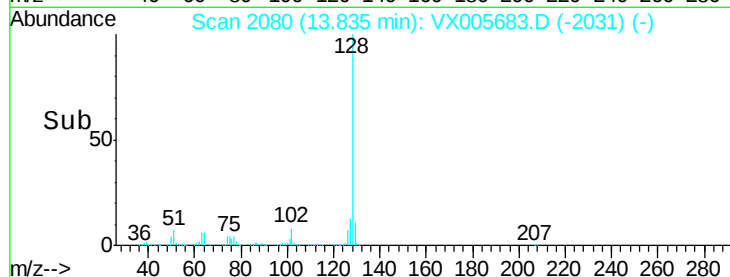
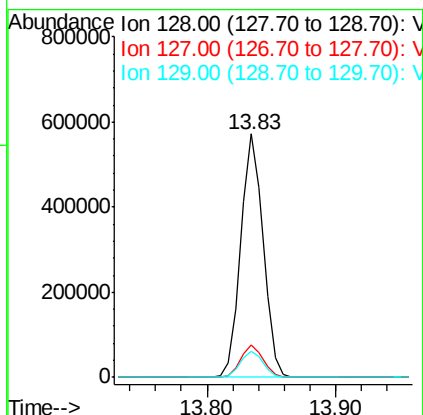
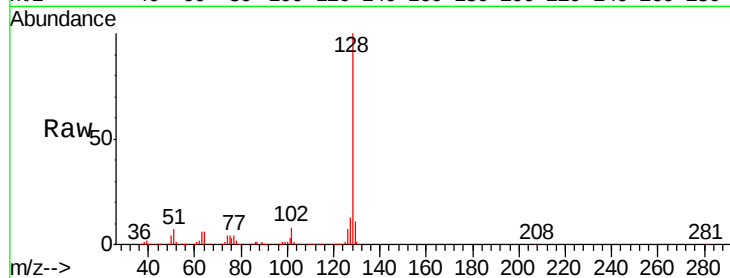




#95
Naphthalene
Concen: 56.23 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.50 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.2
145	29.9	15.1	45.3

