

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005690.D
 Acq On : 30 Oct 2018 14:34
 Operator : JC/MD
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Quant Time: Oct 30 15:56:54 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	5.65	168	233714	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	313950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121147	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	5.51	113	99670	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.71	98	351526	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	11.14	95	127619	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52704	22.85	ug/l	93
3) Chloromethane	1.32	50	56737	19.31	ug/l	92
4) Vinyl Chloride	1.40	62	55111	19.08	ug/l	98
5) Bromomethane	1.64	94	29934	16.65	ug/l	98
6) Chloroethane	1.72	64	33079	17.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	73314	18.27	ug/l	96
8) Diethyl Ether	2.19	74	30403	18.98	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41964	18.22	ug/l	98
10) Methyl Iodide	2.51	142	41359	18.98	ug/l	98
11) Tert butyl alcohol	3.07	59	72152	93.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39501	18.01	ug/l	98
13) Acrolein	2.29	56	35454	90.53	ug/l	92
14) Allyl chloride	2.73	41	87259	17.82	ug/l	97
15) Acrylonitrile	3.15	53	163747	95.12	ug/l	98
16) Acetone	2.45	43	146531	97.20	ug/l	99
17) Carbon Disulfide	2.57	76	117456	17.56	ug/l	99
18) Methyl Acetate	2.78	43	78187	20.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	146874	18.77	ug/l	94
20) Methylene Chloride	2.86	84	46687	18.49	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42784	17.86	ug/l	88
22) Diisopropyl ether	3.87	45	160375	18.76	ug/l	# 95
23) Vinyl Acetate	3.82	43	706186	93.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84404	18.16	ug/l	99
25) 2-Butanone	4.70	43	213454	92.98	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64462	17.96	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	47079	18.23	ug/l	97
28) Bromochloromethane	5.02	49	38940	17.32	ug/l	96
29) Tetrahydrofuran	5.15	42	147737	98.89	ug/l	97
30) Chloroform	5.21	83	83727	19.25	ug/l	96
31) Cyclohexane	5.59	56	72164	18.76	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	70314	18.32	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63060	20.70	ug/l	97
37) Ethyl Acetate	4.85	43	78245	20.13	ug/l	99
38) Carbon Tetrachloride	5.78	117	60143	18.74	ug/l	95

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 ClientSampleId :
 VX1030WBSD01

Quant Time: Oct 30 15:56:54 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)
39) Methylcyclohexane	7.46	83	66089	19.64	ug/l	99
40) Benzene	6.15	78	177987	20.38	ug/l	100
41) Methacrylonitrile	5.06	41	42842	19.78	ug/l	99
42) 1,2-Dichloroethane	6.20	62	64804	19.53	ug/l	100
43) Isopropyl Acetate	6.46	43	117061	20.09	ug/l	100
44) Trichloroethene	7.21	130	47894	20.13	ug/l	90
45) 1,2-Dichloropropane	7.52	63	45401	19.34	ug/l	96
46) Dibromomethane	7.66	93	28981	19.11	ug/l	98
47) Bromodichloromethane	7.90	83	55772	18.95	ug/l	97
48) Methyl methacrylate	7.77	41	54848	19.32	ug/l	98
49) 1,4-Dioxane	7.75	88	24737	398.82	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	376051	96.04	ug/l	100
52) Toluene	8.79	92	102358	19.28	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	59684	18.76	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	66232	19.34	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43350	19.37	ug/l	96
56) Ethyl methacrylate	9.18	69	63450	19.01	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71392	18.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172472	92.51	ug/l	99
59) 2-Hexanone	9.49	43	295741	95.80	ug/l	99
60) Dibromochloromethane	9.58	129	43994	18.84	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46055	19.89	ug/l	99
64) Tetrachloroethene	9.33	164	46935	20.13	ug/l	98
65) Chlorobenzene	10.14	112	117066	19.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	42964	19.70	ug/l	99
67) Ethyl Benzene	10.25	91	195656	19.89	ug/l	100
68) m/p-Xylenes	10.36	106	151455	39.68	ug/l	99
69) o-Xylene	10.70	106	71822	20.00	ug/l	99
70) Styrene	10.71	104	120181	19.99	ug/l	100
71) Bromoform	10.86	173	36477	18.75	ug/l #	99
73) Isopropylbenzene	11.02	105	200822	21.12	ug/l	100
74) N-amyl acetate	10.90	43	92339	19.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69107	19.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	79840	24.22	ug/l	86
77) Bromobenzene	11.26	156	54972	20.74	ug/l	96
78) n-propylbenzene	11.36	91	228462	21.01	ug/l	100
79) 2-Chlorotoluene	11.42	91	137509	20.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170381	20.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20208	20.03	ug/l	97
82) 4-Chlorotoluene	11.51	91	161514	20.31	ug/l	100
83) tert-Butylbenzene	11.77	119	165767	20.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	175285	21.26	ug/l	100
85) sec-Butylbenzene	11.94	105	201683	20.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	179355	20.73	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	99223	19.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100873	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	153632	19.67	ug/l	100
90) Hexachloroethane	12.60	117	28810	19.31	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100014	19.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16490	19.44	ug/l	99

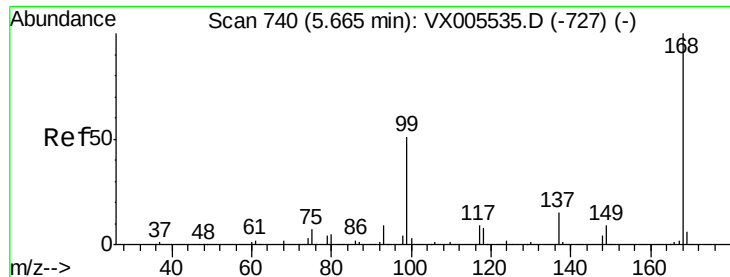
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
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VX1030WBSD01

Quant Time: Oct 30 15:56:54 2018
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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)
93) 1,2,4-Trichlorobenzene	13.65	180	71934	19.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	36769	19.41	ug/l	99
95) Naphthalene	13.83	128	218776	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75914	20.49	ug/l	99

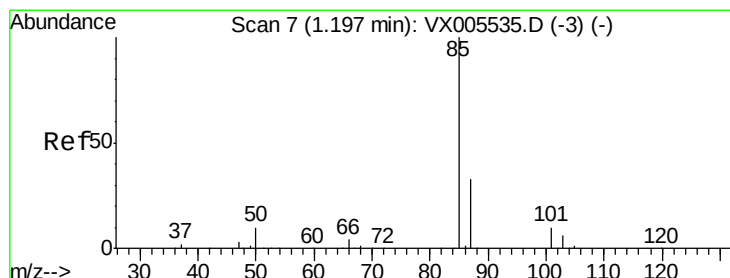
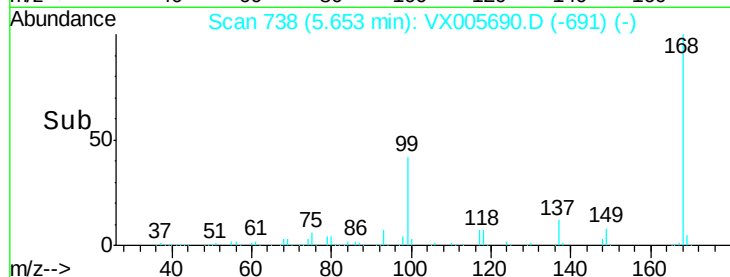
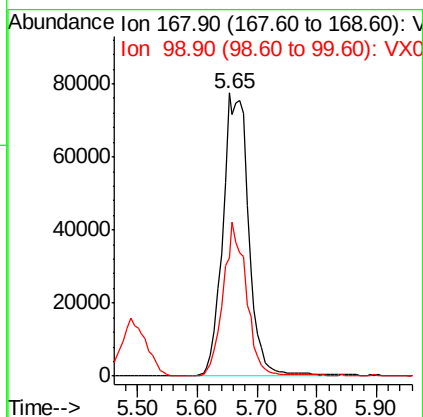
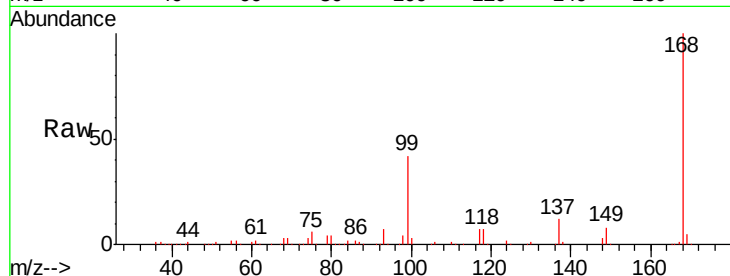
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

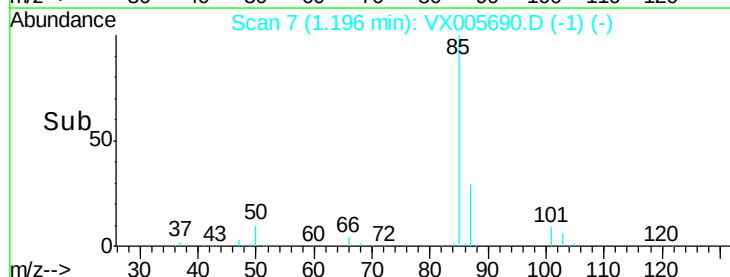
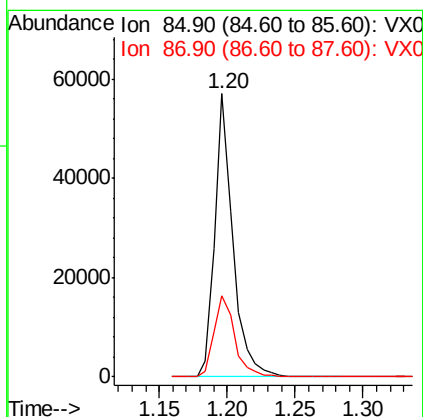
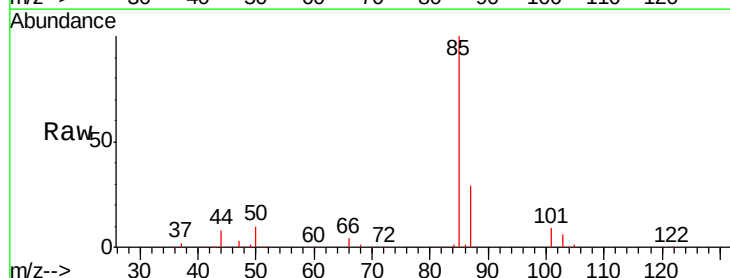
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

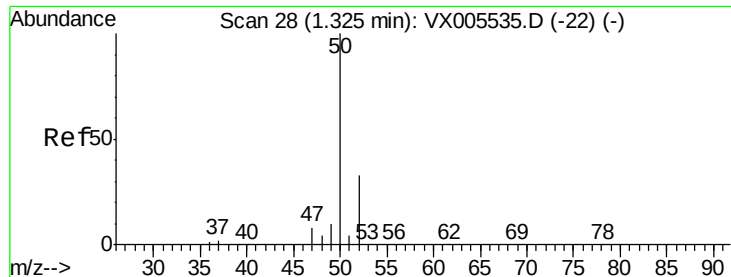
Tgt Ion: 168 Resp: 233714
Ion Ratio Lower Upper
168 100
99 41.9 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 22.85 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 85 Resp: 52704
Ion Ratio Lower Upper
85 100
87 28.8 16.3 48.9





#3

Chloromethane

Concen: 19.31 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

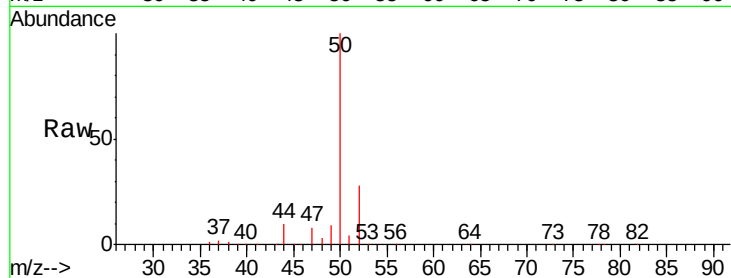
VX1030WBSD01

Tgt Ion: 50 Resp: 56737

Ion Ratio Lower Upper

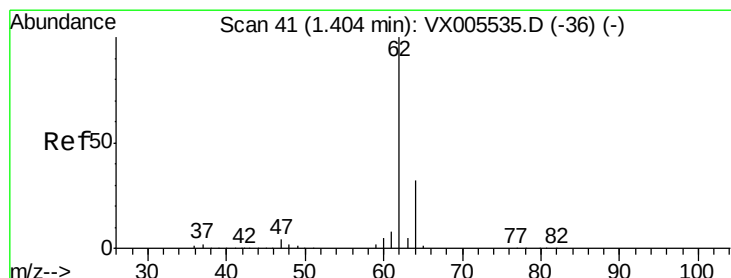
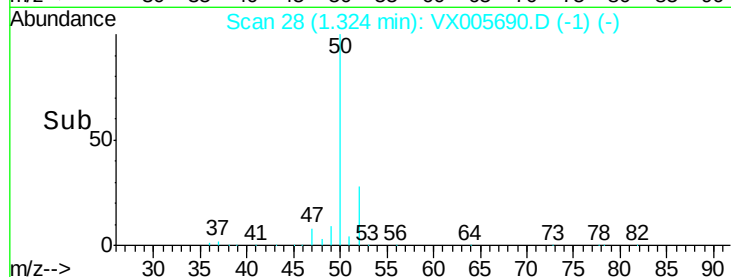
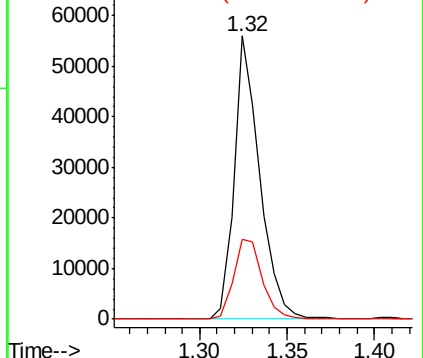
50 100

52 28.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.08 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005690.D

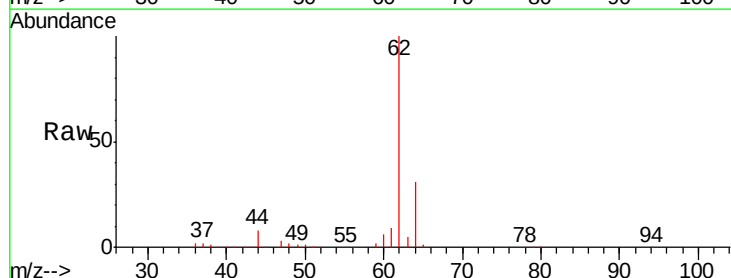
Acq: 30 Oct 2018 14:34

Tgt Ion: 62 Resp: 55111

Ion Ratio Lower Upper

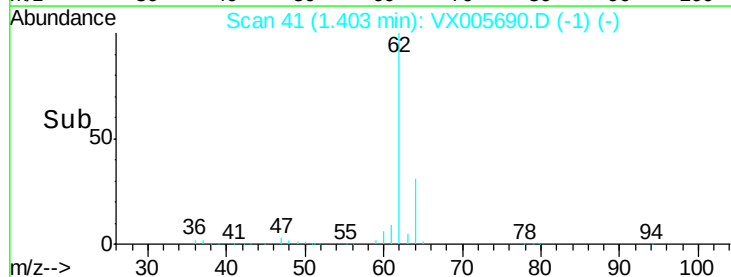
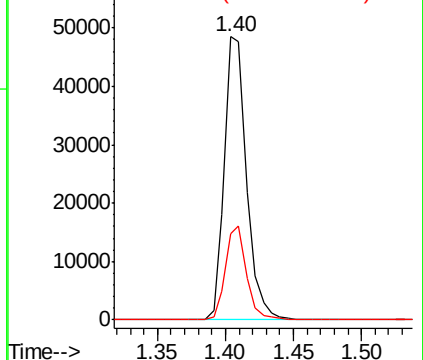
62 100

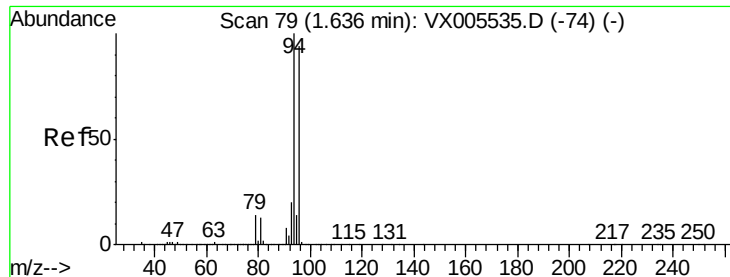
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.65 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

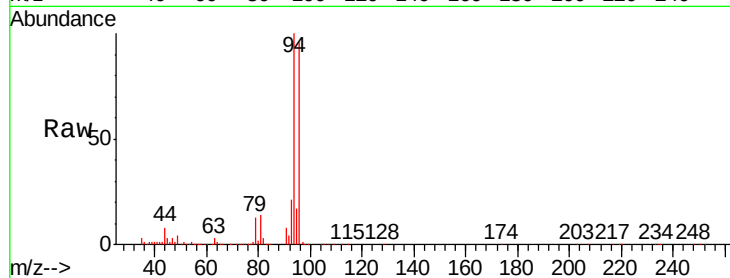
VX1030WBSD01

Tgt Ion: 94 Resp: 29934

Ion Ratio Lower Upper

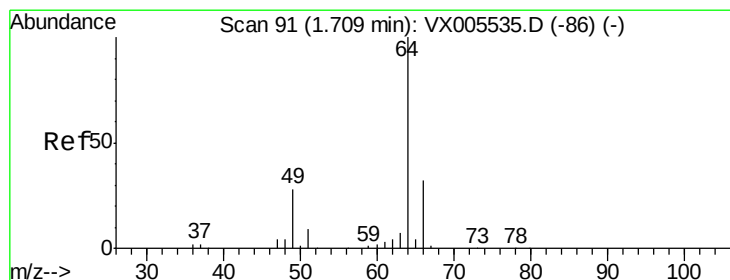
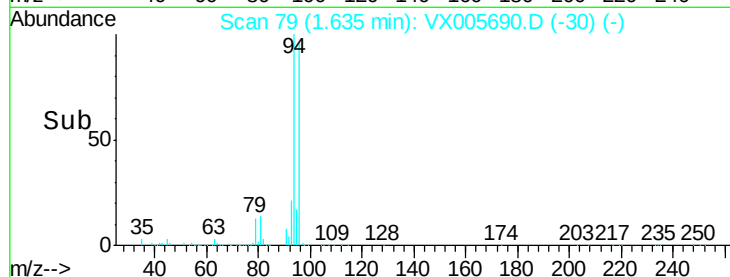
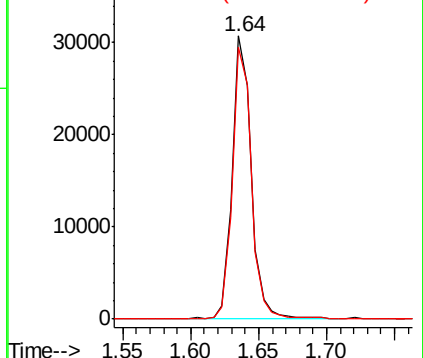
94 100

96 95.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.93 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005690.D

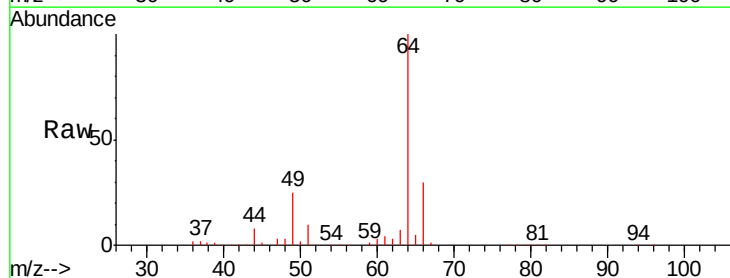
Acq: 30 Oct 2018 14:34

Tgt Ion: 64 Resp: 33079

Ion Ratio Lower Upper

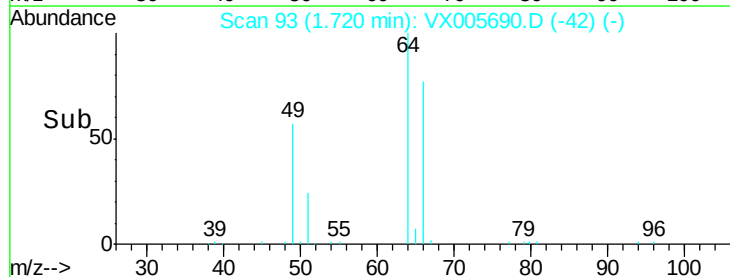
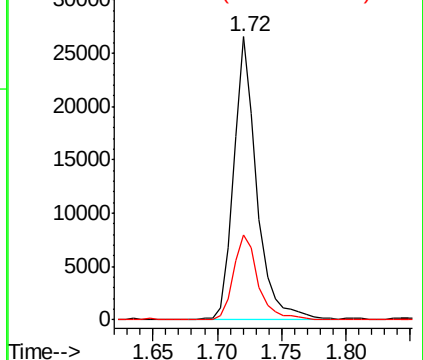
64 100

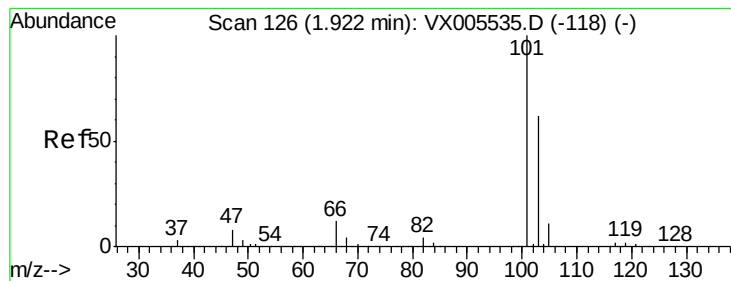
66 30.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



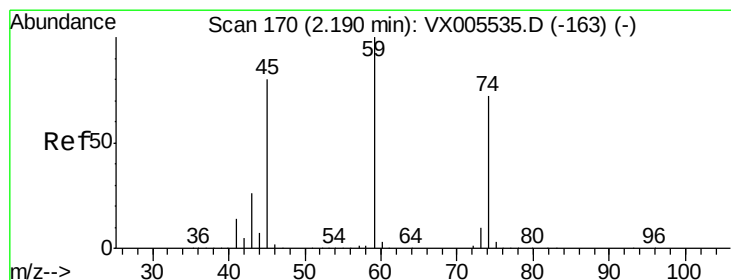
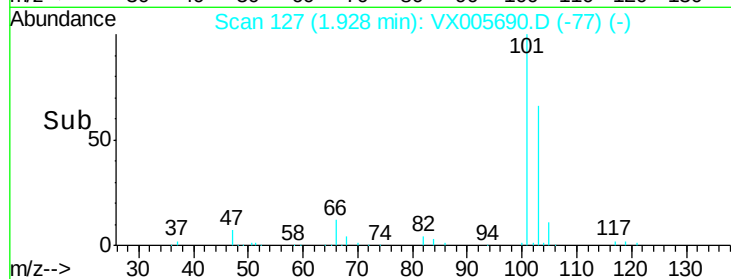
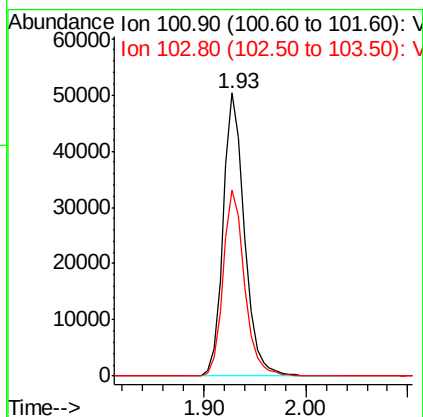
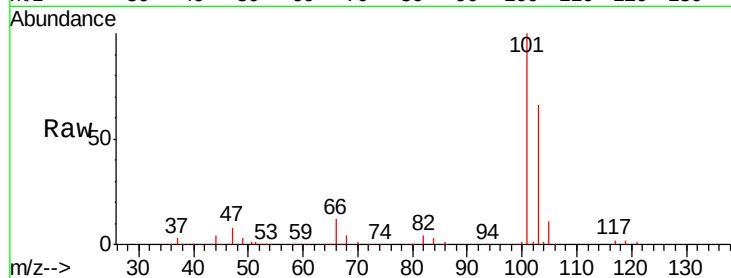


#7

Trichlorofluoromethane
 Concen: 18.27 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

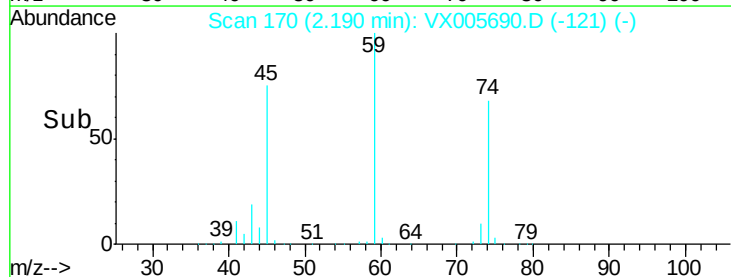
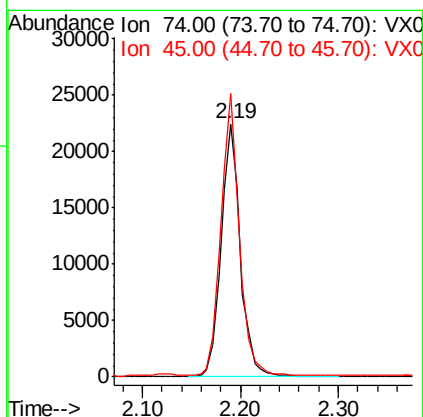
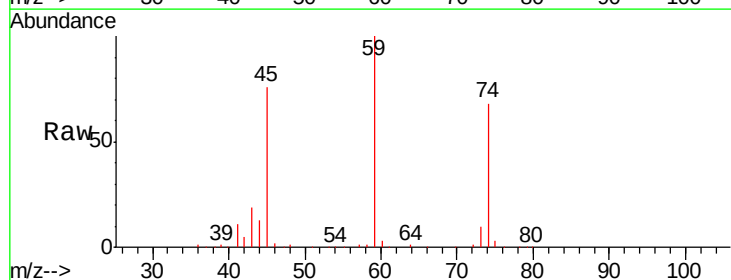
Tgt Ion: 101 Resp: 73314
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.0 75.0

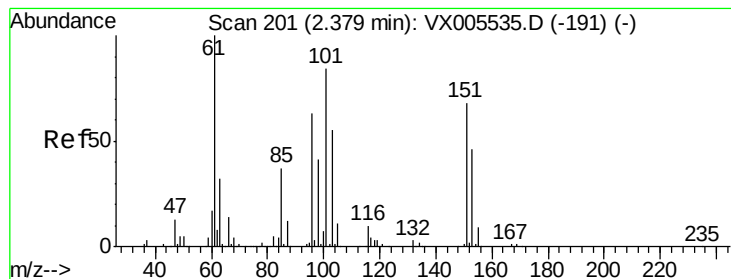


#8

Diethyl Ether
 Concen: 18.98 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 74 Resp: 30403
 Ion Ratio Lower Upper
 74 100
 45 106.4 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.22 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

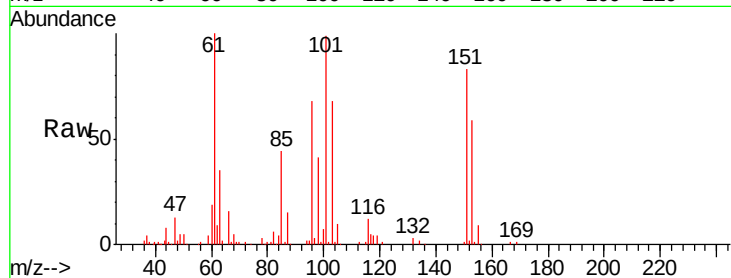
Tgt Ion:101 Resp: 41964

Ion Ratio Lower Upper

101 100

85 45.6 35.0 52.4

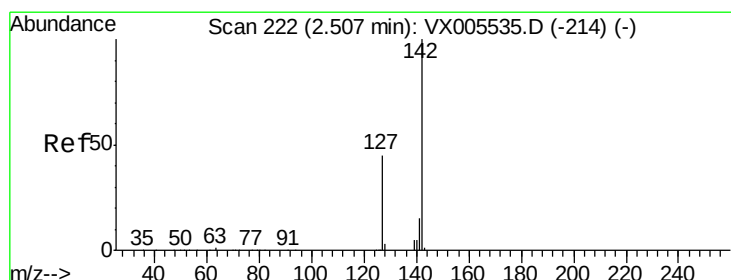
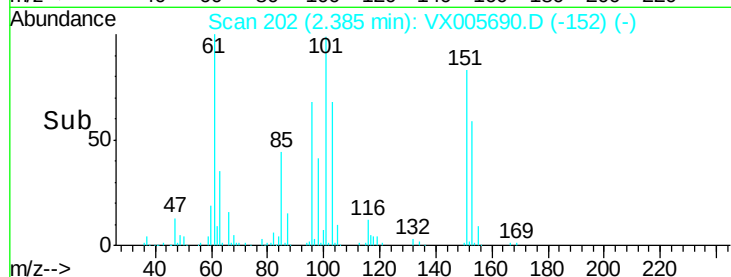
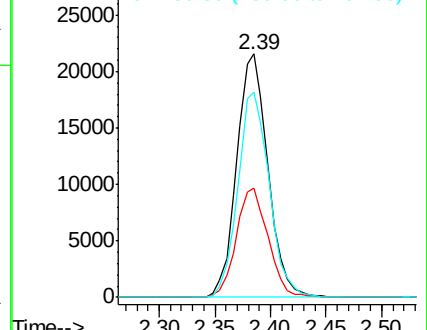
151 84.7 66.2 99.2



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: 18.98 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

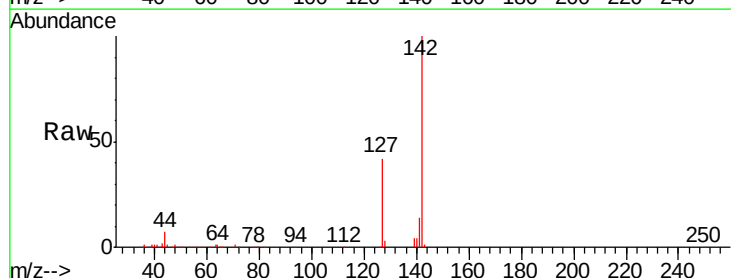
Tgt Ion:142 Resp: 41359

Ion Ratio Lower Upper

142 100

127 43.1 36.0 54.0

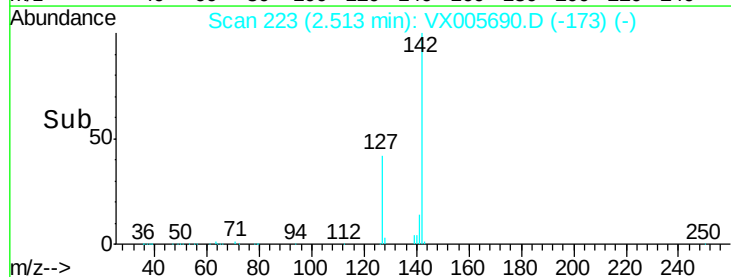
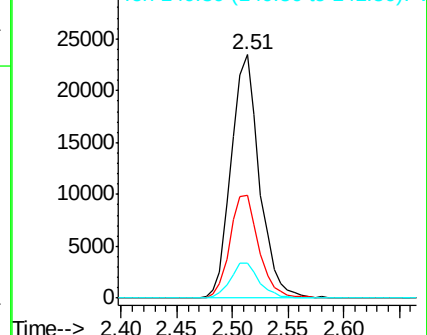
141 14.7 11.7 17.5

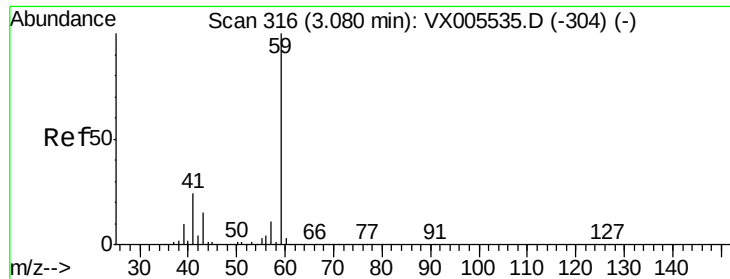


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

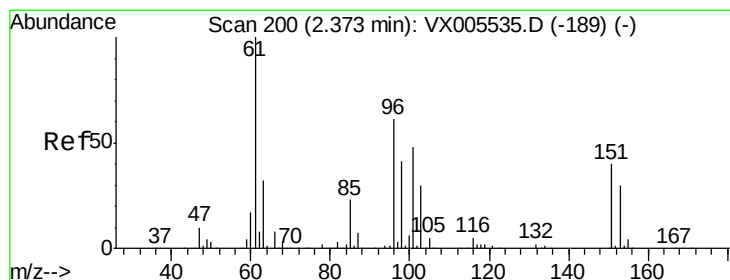
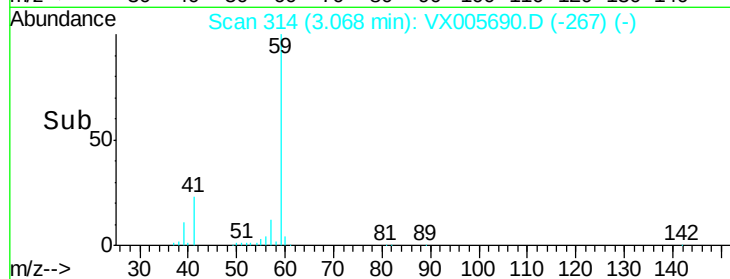
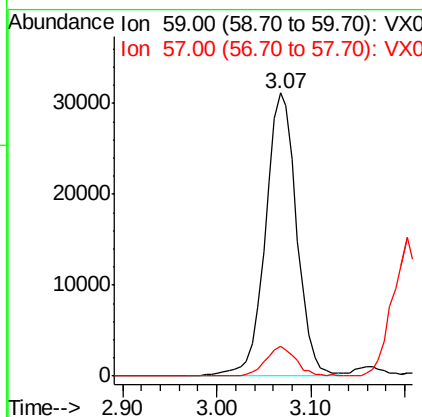
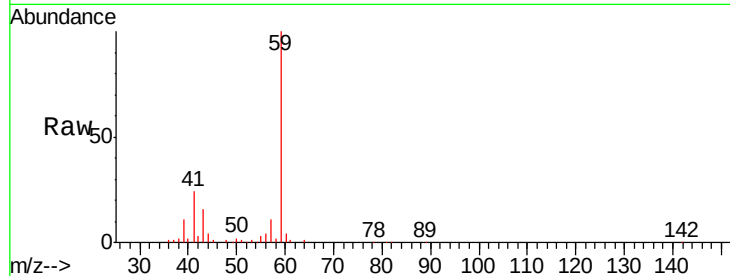




#11
Tert butyl alcohol
Concen: 93.98 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

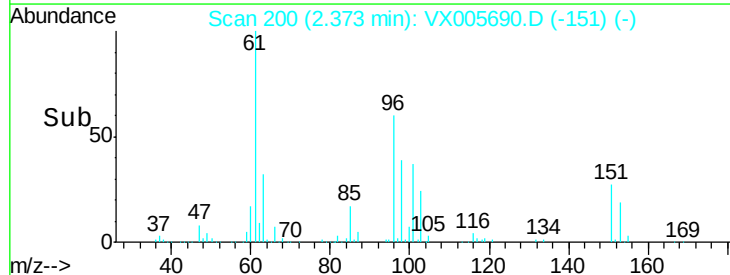
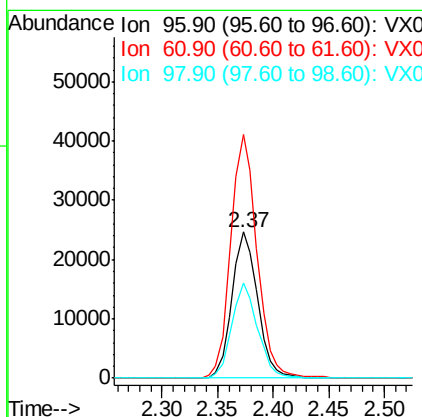
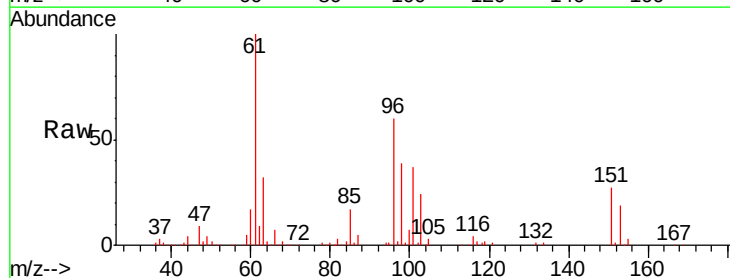
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

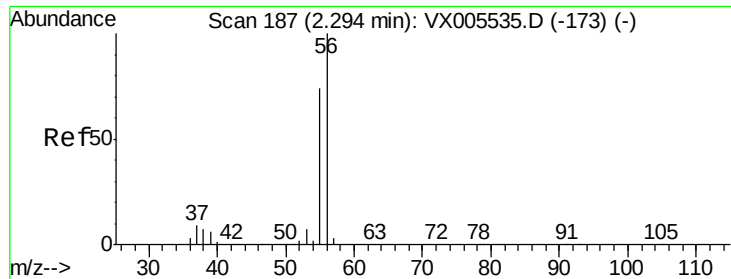
Tgt Ion: 59 Resp: 72152
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.01 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 96 Resp: 39501
Ion Ratio Lower Upper
96 100
61 166.3 131.8 197.8
98 64.7 53.4 80.2





#13

Acrolein

Concen: 90.53 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

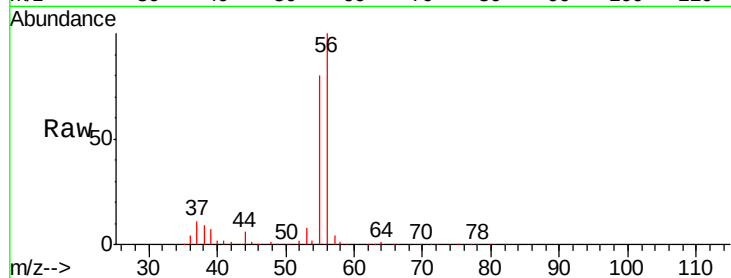
VX1030WBSD01

Tgt Ion: 56 Resp: 35454

Ion Ratio Lower Upper

56 100

55 78.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

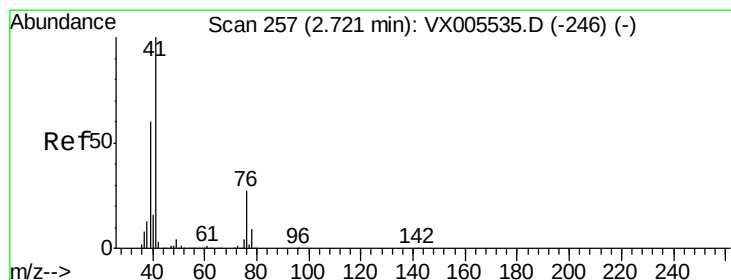
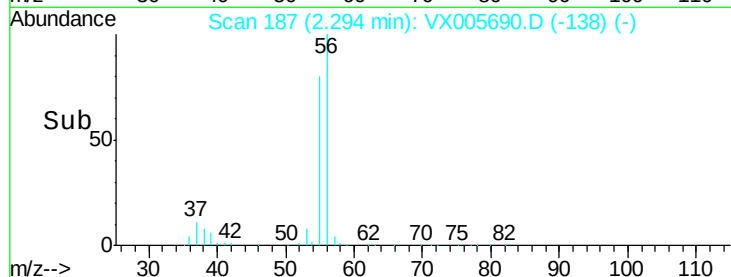
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 17.82 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

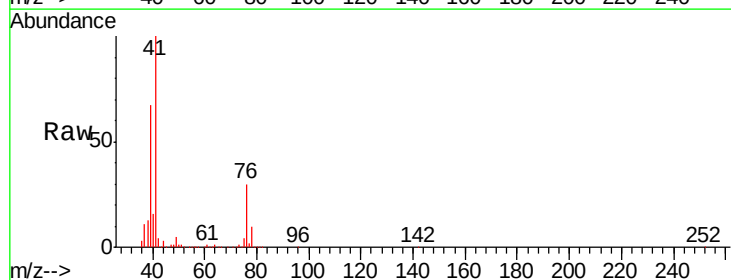
Tgt Ion: 41 Resp: 87259

Ion Ratio Lower Upper

41 100

39 61.9 48.2 72.4

76 29.6 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

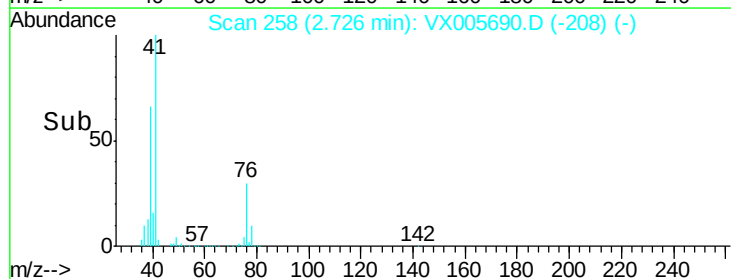
30000

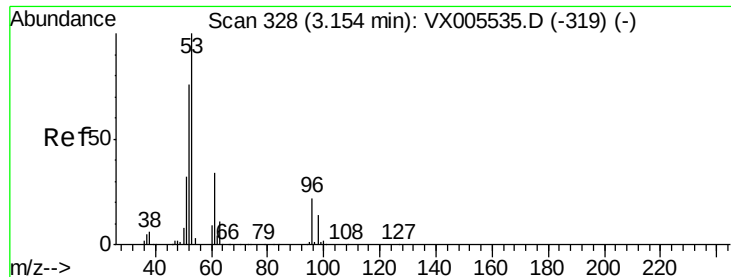
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 95.12 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

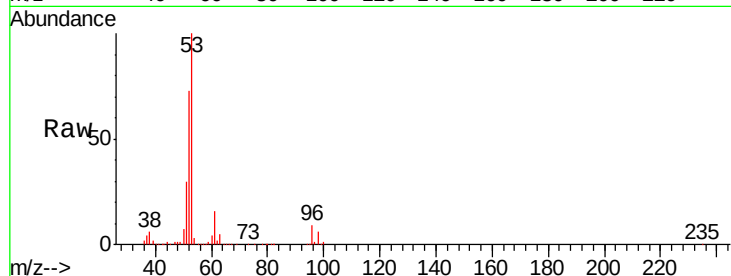
Tgt Ion: 53 Resp: 163747

Ion Ratio Lower Upper

53 100

52 81.1 66.6 99.8

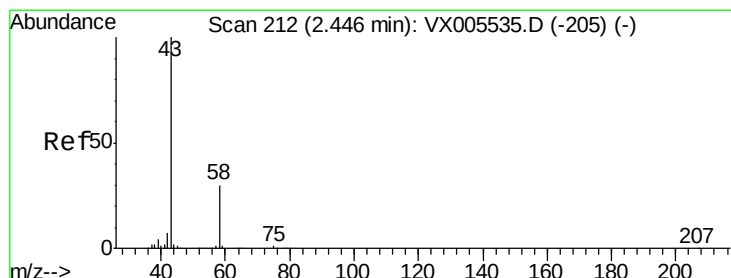
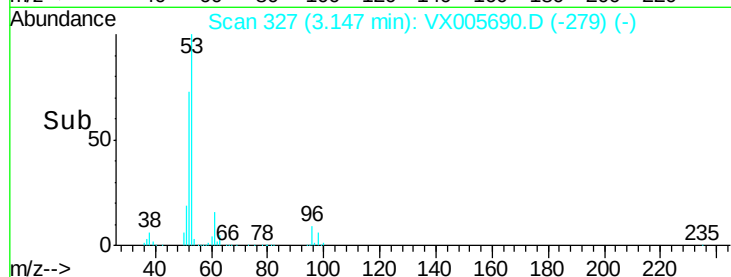
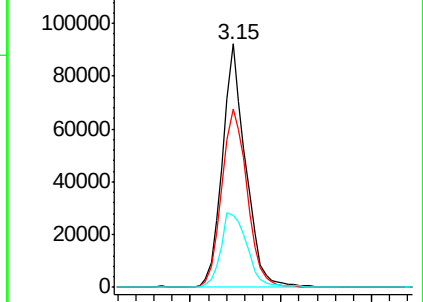
51 34.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX005535.D (-319) (-)

Ion 52.00 (51.70 to 52.70): VX005535.D (-319) (-)

Ion 51.00 (50.70 to 51.70): VX005535.D (-319) (-)



#16

Acetone

Concen: 97.20 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005690.D

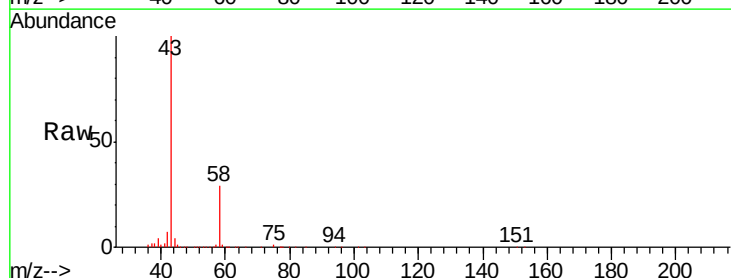
Acq: 30 Oct 2018 14:34

Tgt Ion: 43 Resp: 146531

Ion Ratio Lower Upper

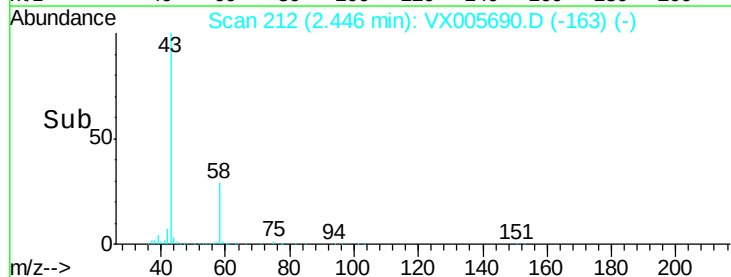
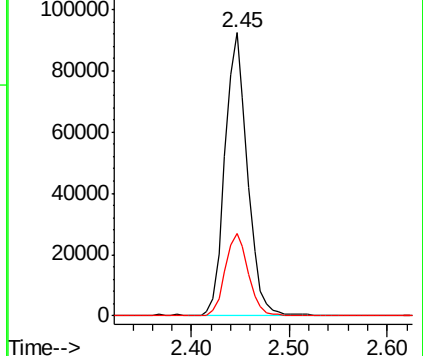
43 100

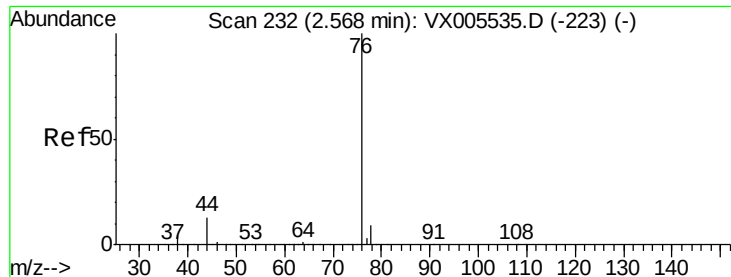
58 29.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005535.D (-205) (-)





#17

Carbon Disulfide

Concen: 17.56 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

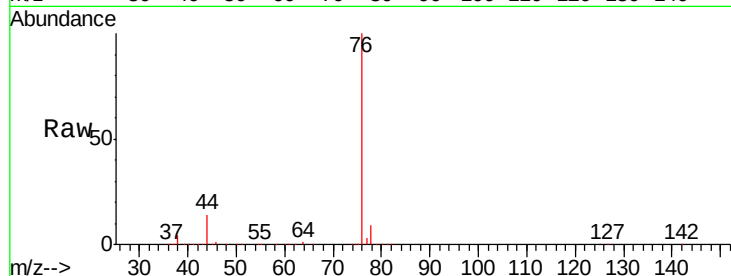
VX1030WBSD01

Tgt Ion: 76 Resp: 117456

Ion Ratio Lower Upper

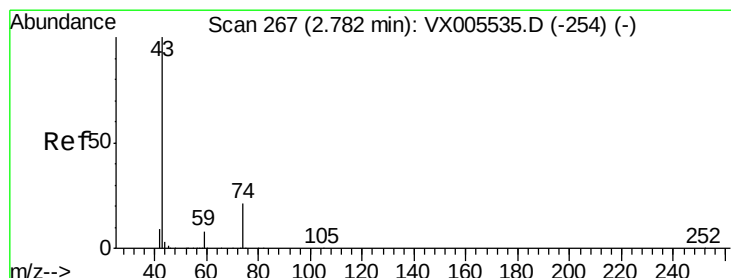
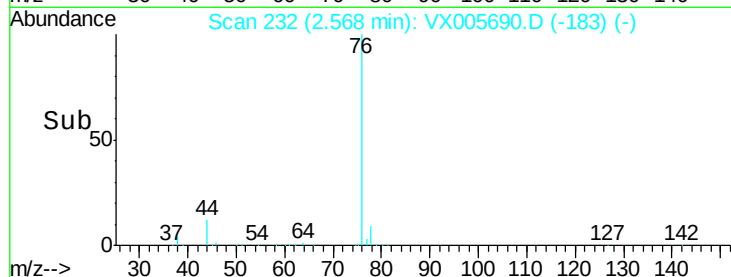
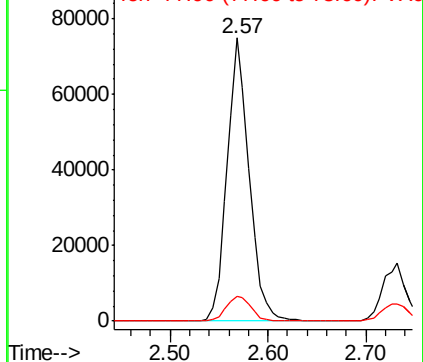
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.12 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005690.D

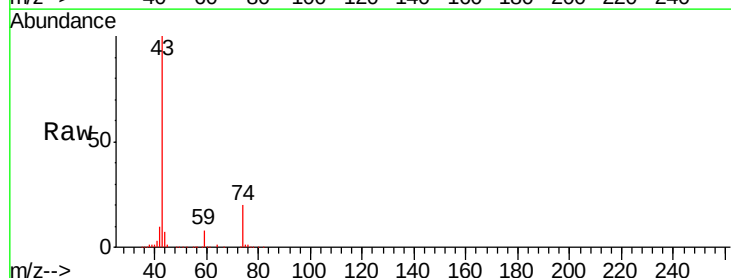
Acq: 30 Oct 2018 14:34

Tgt Ion: 43 Resp: 78187

Ion Ratio Lower Upper

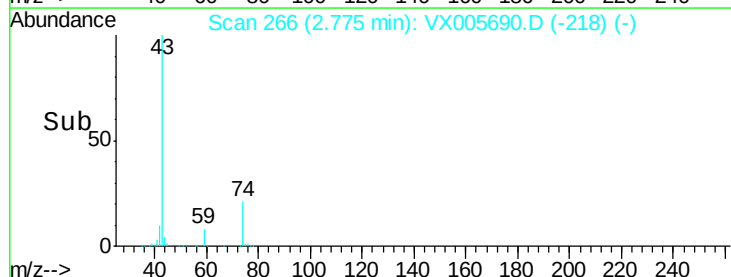
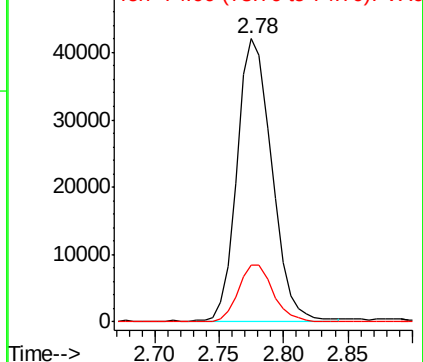
43 100

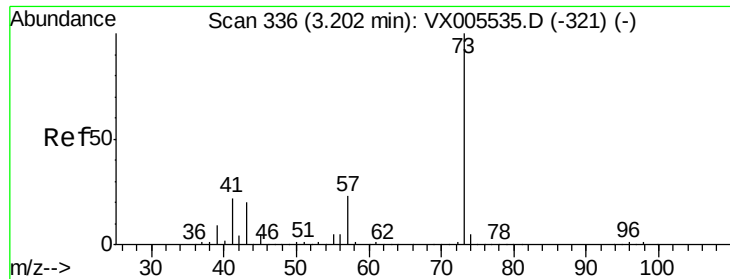
74 20.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.77 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

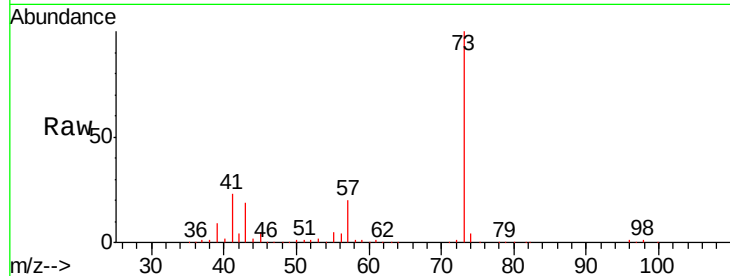
VX1030WBSD01

Tgt Ion: 73 Resp: 146874

Ion Ratio Lower Upper

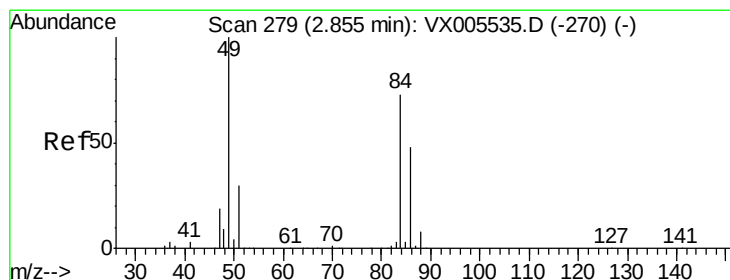
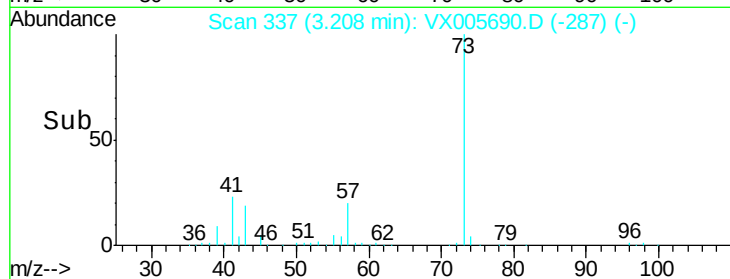
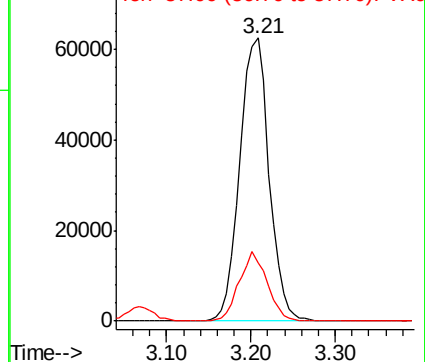
73 100

57 20.4 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 18.49 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Tgt Ion: 84 Resp: 46687

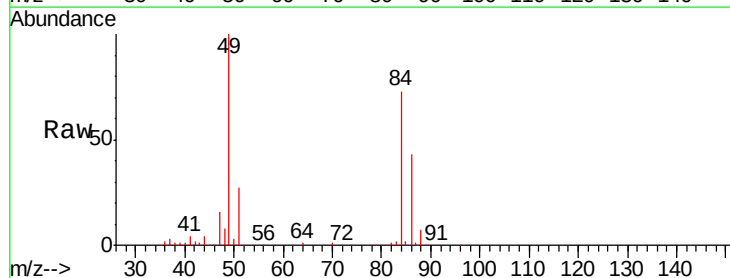
Ion Ratio Lower Upper

84 100

49 137.5 109.5 164.3

51 37.1 33.3 49.9

86 58.4 52.7 79.1

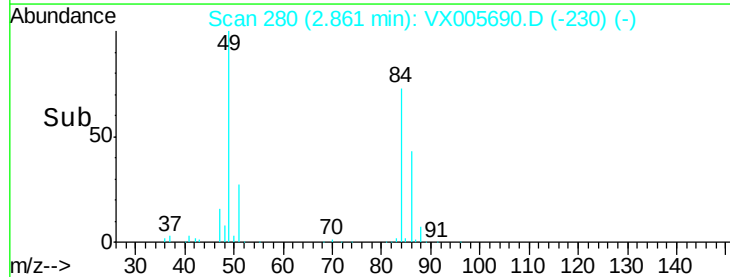
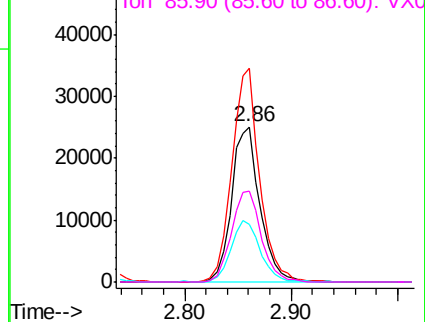


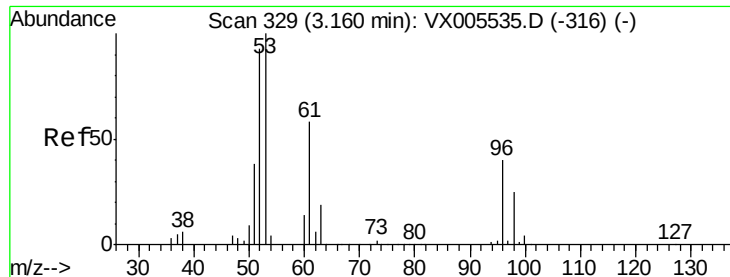
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 17.86 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

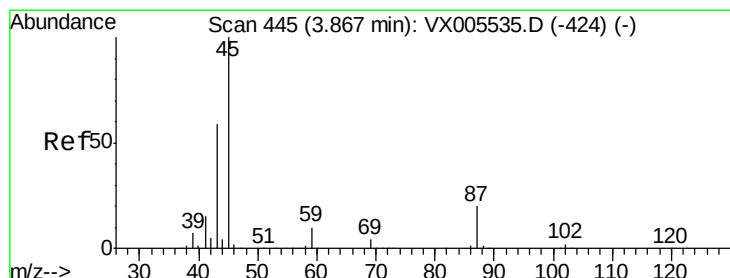
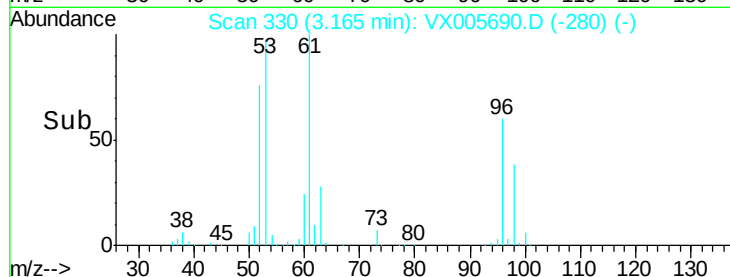
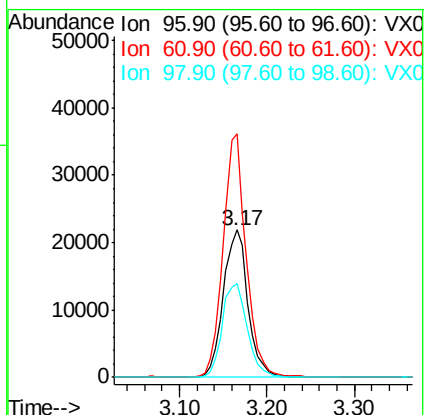
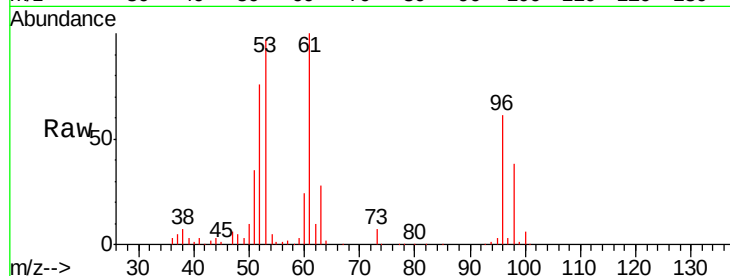
Tgt Ion: 96 Resp: 42784

Ion Ratio Lower Upper

96 100

61 164.9 115.6 173.4

98 63.4 50.2 75.2



#22

Diisopropyl ether

Concen: 18.76 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Tgt Ion: 45 Resp: 160375

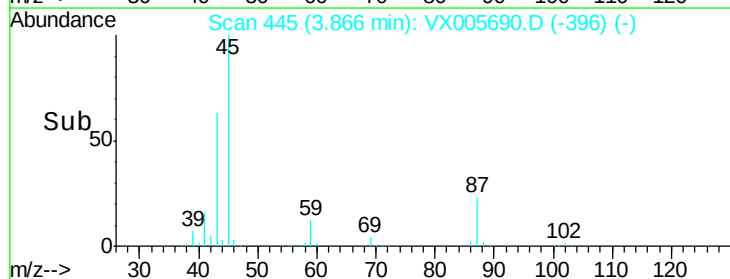
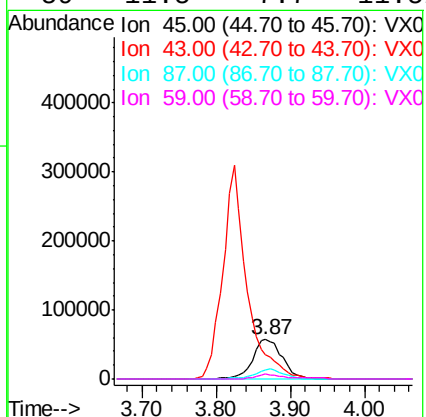
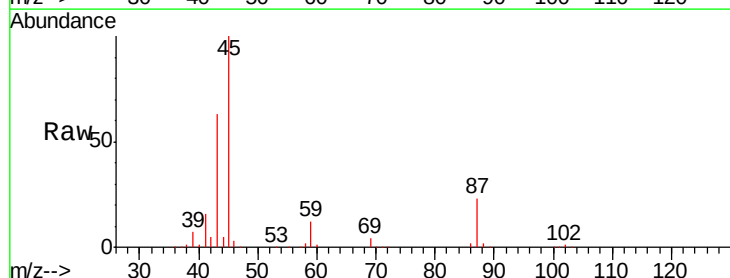
Ion Ratio Lower Upper

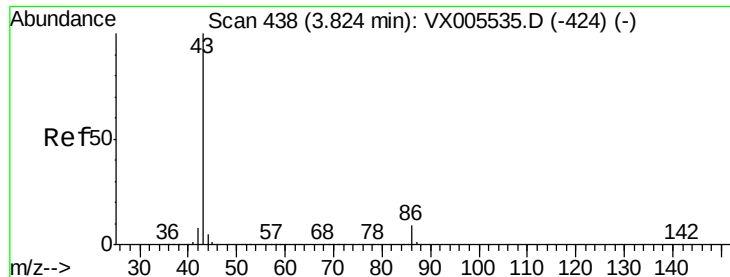
45 100

43 62.4 47.4 71.2

87 23.4 15.9 23.9

59 11.5 7.7 11.5#





#23

Vinyl Acetate

Concen: 93.78 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

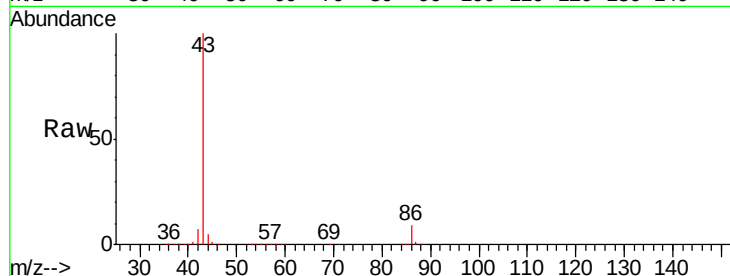
VX1030WBSD01

Tgt Ion: 43 Resp: 706186

Ion Ratio Lower Upper

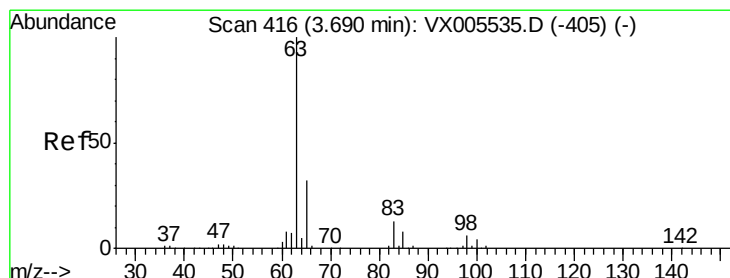
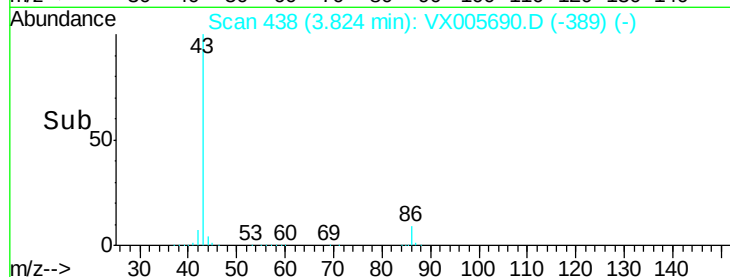
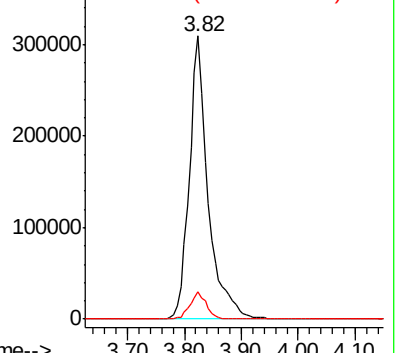
43 100

86 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.16 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

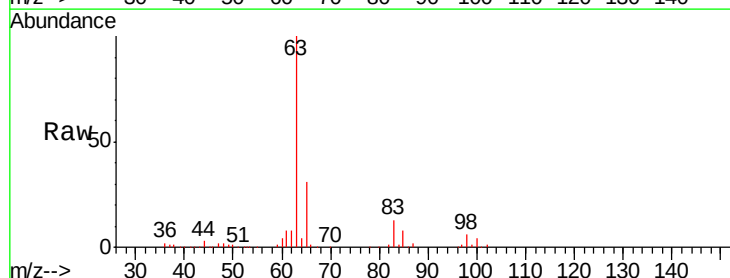
Tgt Ion: 63 Resp: 84404

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

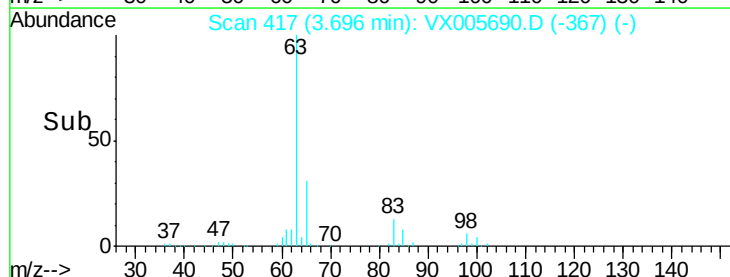
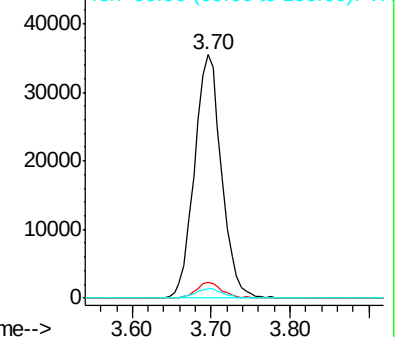
100 3.9 2.1 6.2

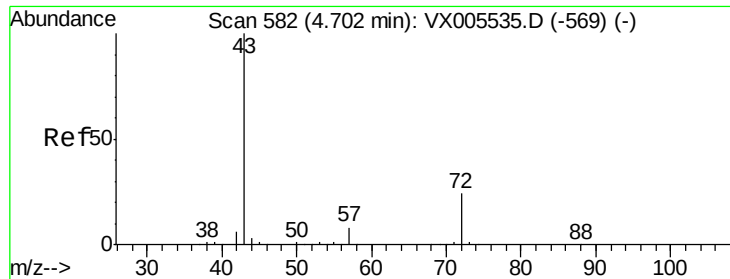


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.98 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

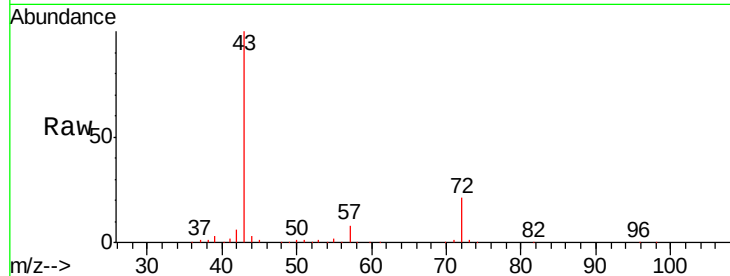
VX1030WBSD01

Tgt Ion: 43 Resp: 213454

Ion Ratio Lower Upper

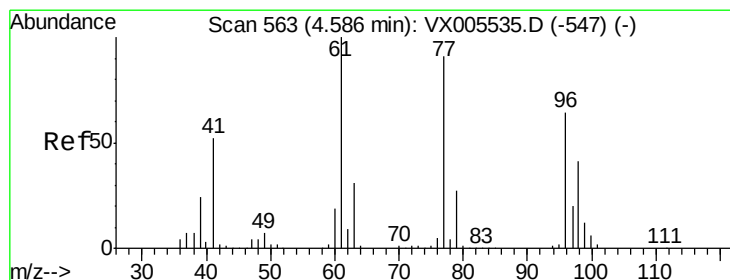
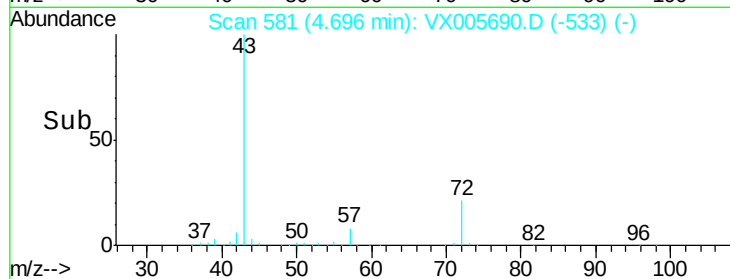
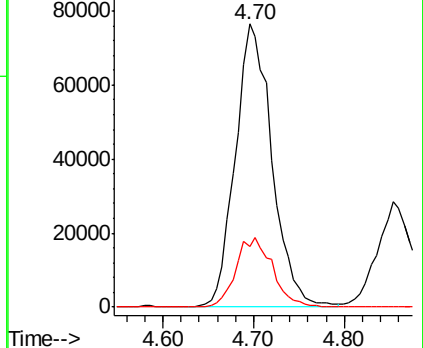
43 100

72 21.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.96 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005690.D

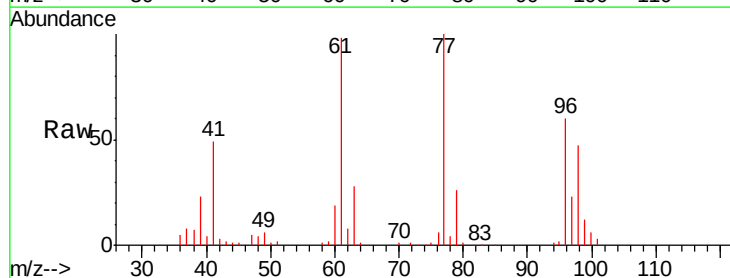
Acq: 30 Oct 2018 14:34

Tgt Ion: 77 Resp: 64462

Ion Ratio Lower Upper

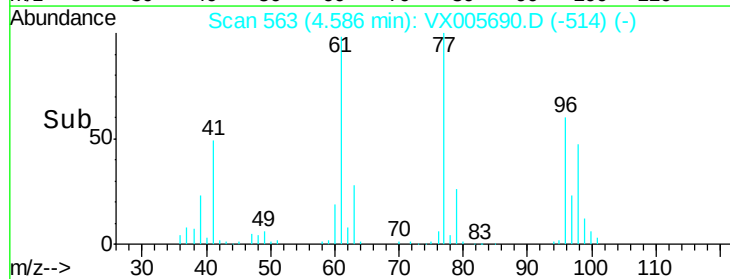
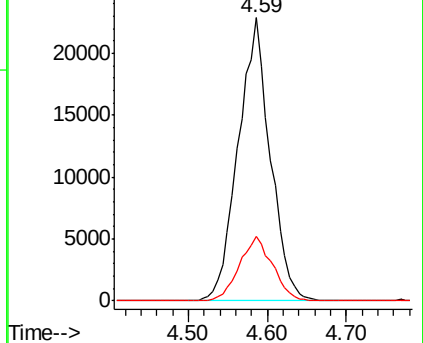
77 100

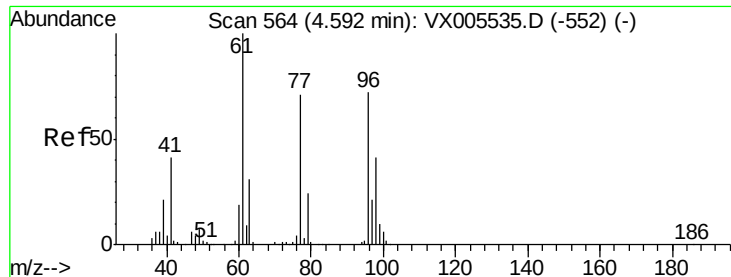
97 23.4 11.5 34.5



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: 18.23 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

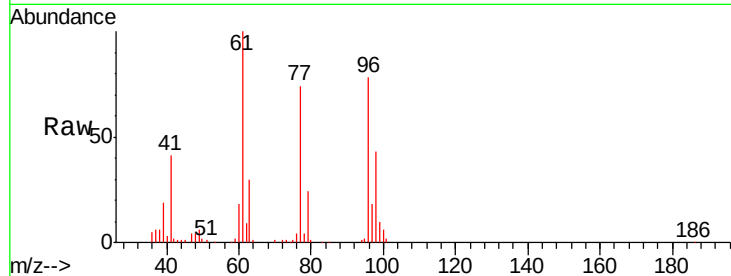
Tgt Ion: 96 Resp: 47079

Ion Ratio Lower Upper

96 100

61 154.8 0.0 304.6

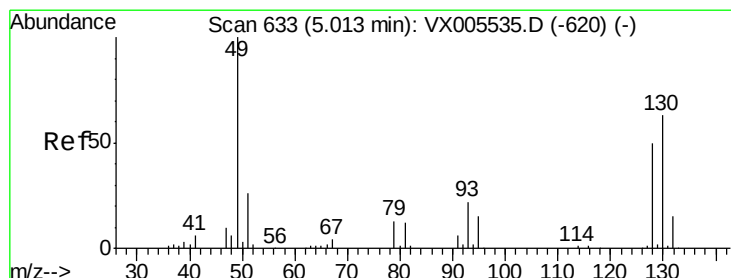
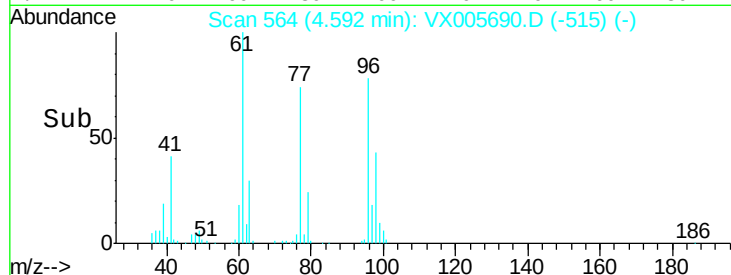
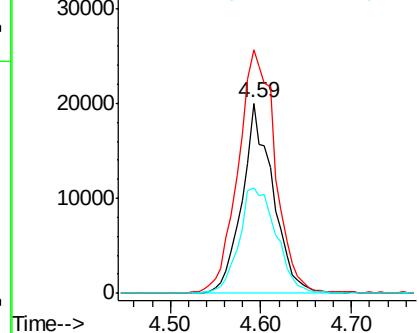
98 67.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 17.32 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

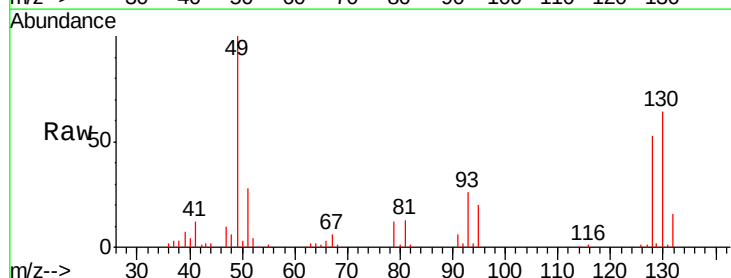
Tgt Ion: 49 Resp: 38940

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

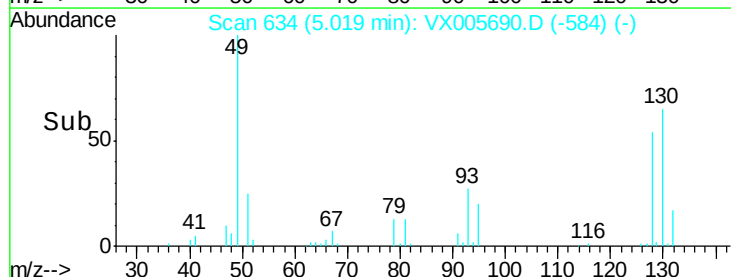
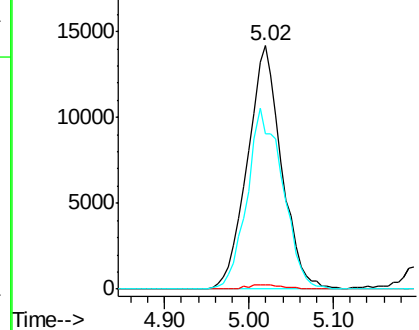
130 77.4 58.9 88.3

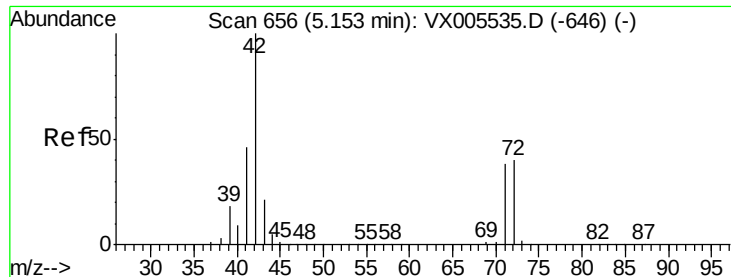


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

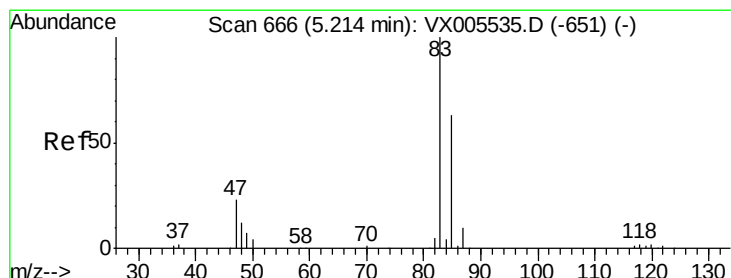
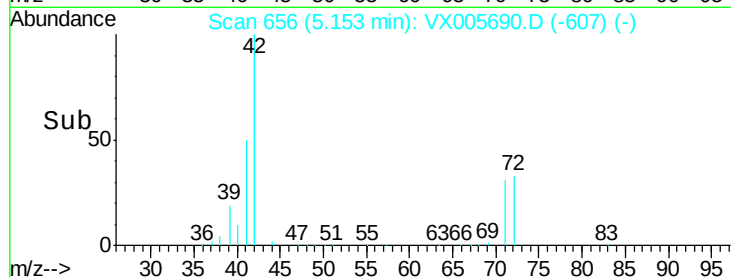
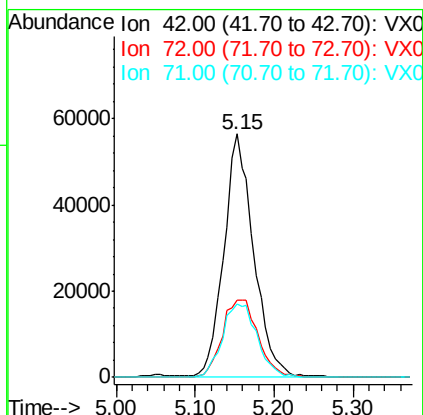
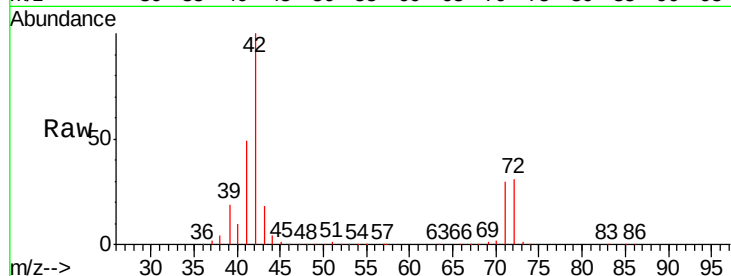




#29
Tetrahydrofuran
Concen: 98.89 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

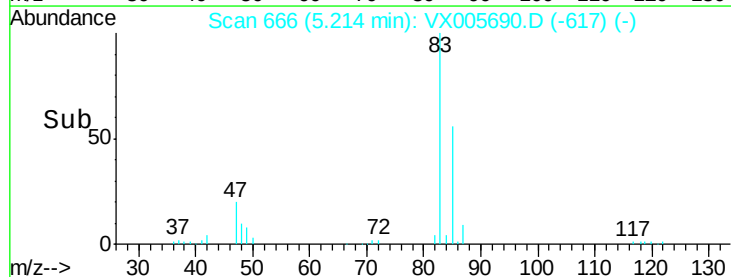
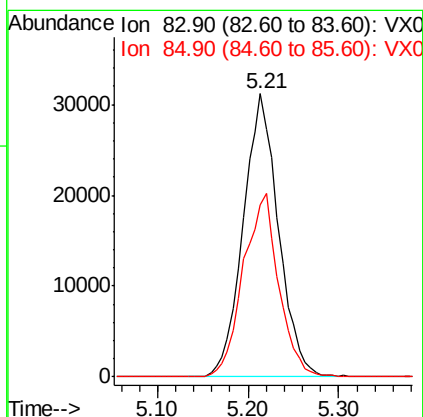
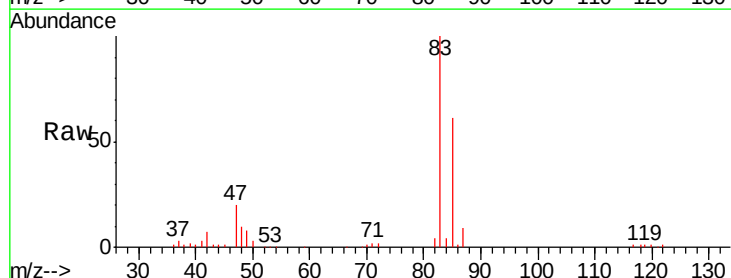
Instrument :
MSVOA_X
ClientSampled :
VX1030WBSD01

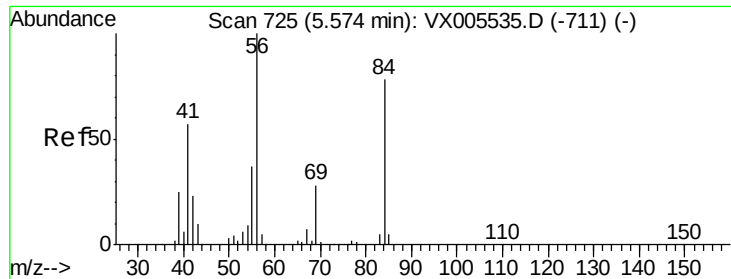
Tgt Ion: 42 Resp: 147737
Ion Ratio Lower Upper
42 100
72 38.6 32.0 48.0
71 35.6 29.8 44.8



#30
Chloroform
Concen: 19.25 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 83 Resp: 83727
Ion Ratio Lower Upper
83 100
85 60.5 50.6 76.0

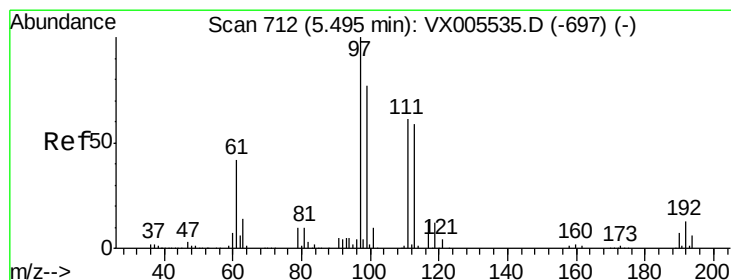
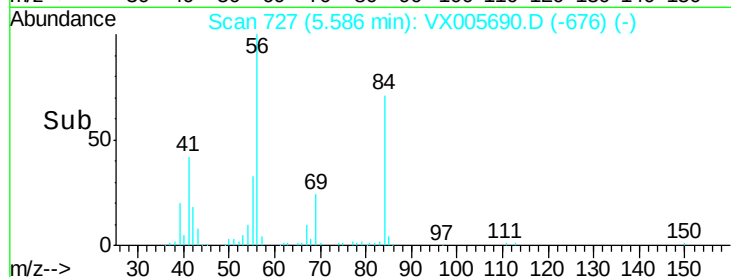
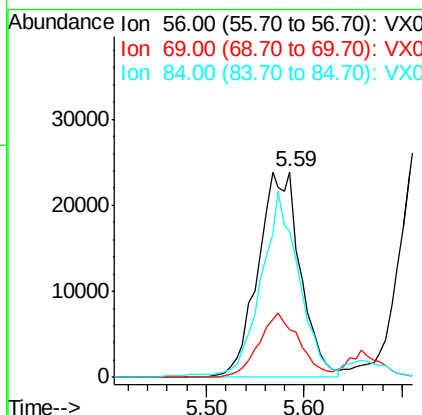
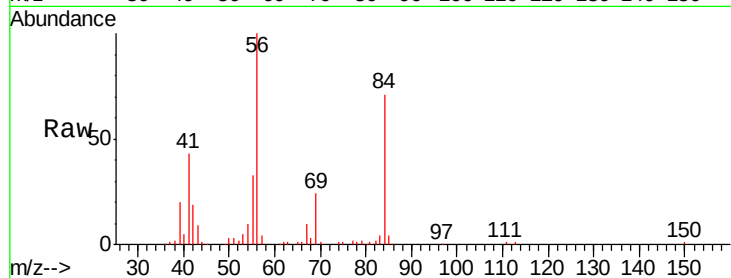




#31
Cyclohexane
Concen: 18.76 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

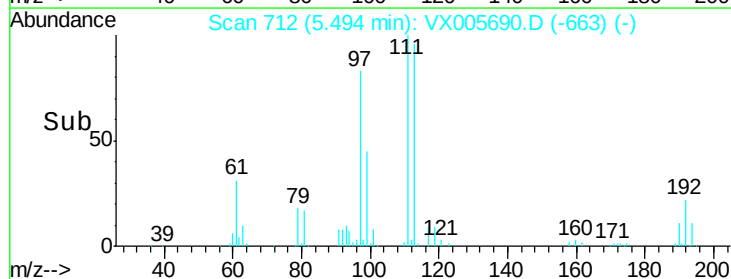
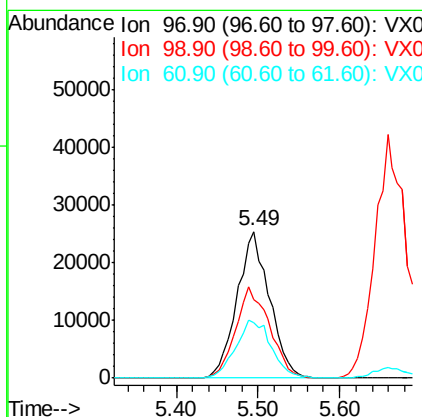
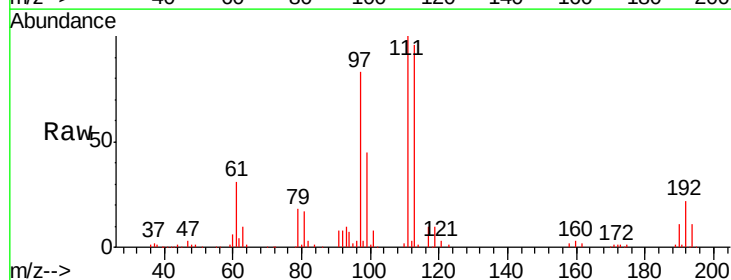
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

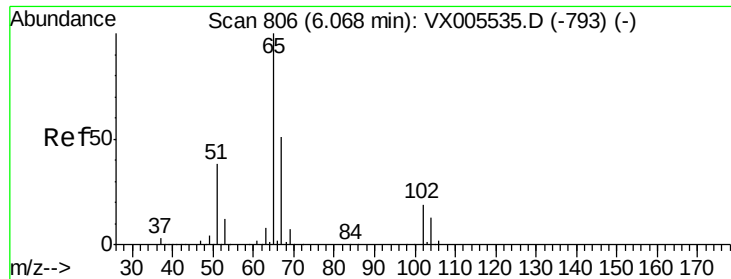
Tgt Ion: 56 Resp: 72164
Ion Ratio Lower Upper
56 100
69 23.5 22.6 34.0
84 70.0 62.7 94.1



#32
1,1,1-Trichloroethane
Concen: 18.32 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 97 Resp: 70314
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 43.4 35.2 52.8

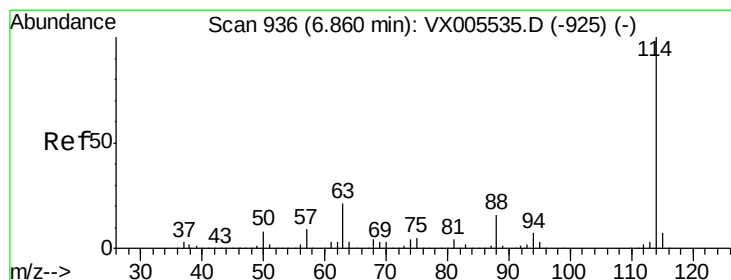
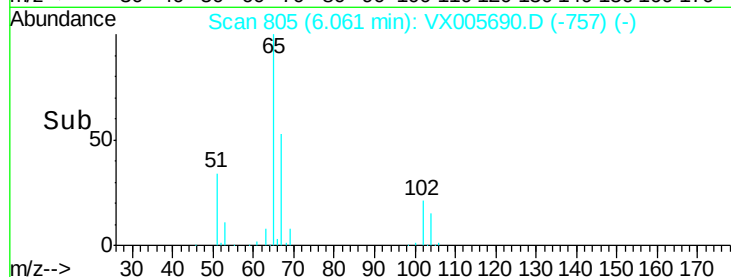
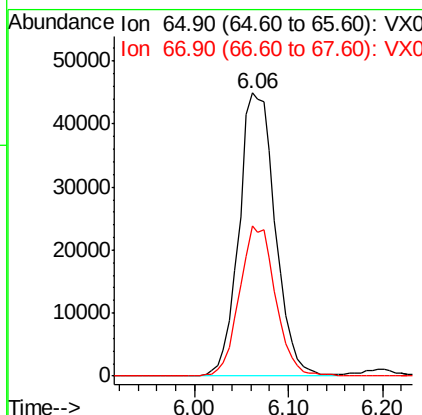
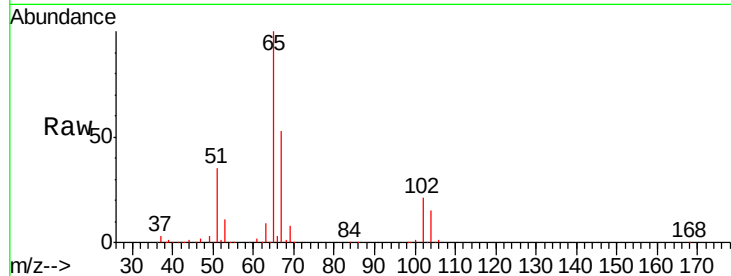




#33
 1,2-Dichloroethane-d4
 Concen: 42.46 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

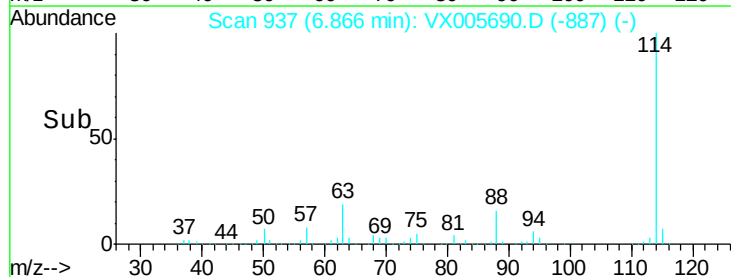
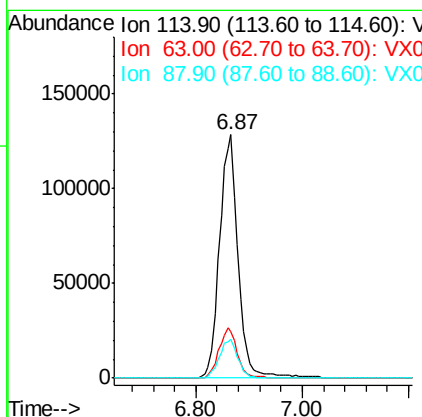
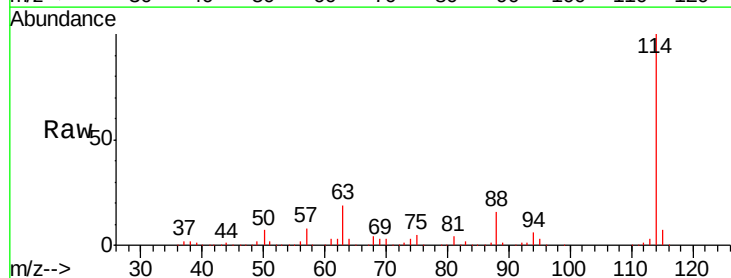
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

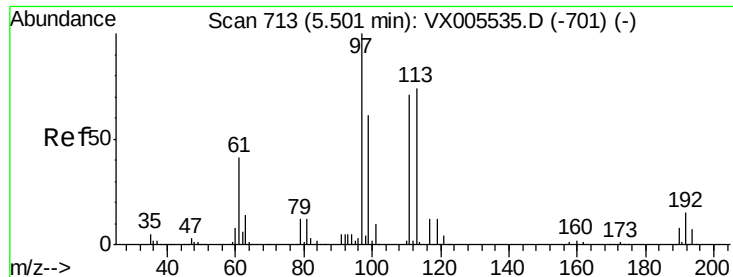
Tgt Ion: 65 Resp: 121147
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 114 Resp: 313950
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.8
 88 16.0 0.0 31.2

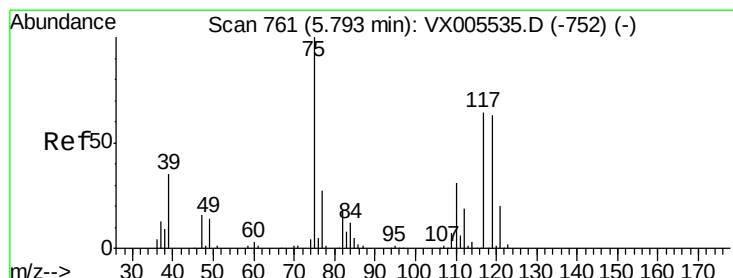
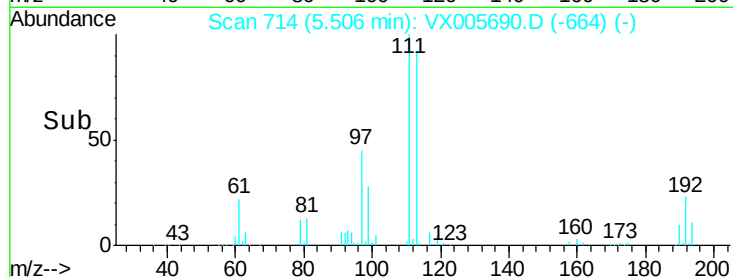
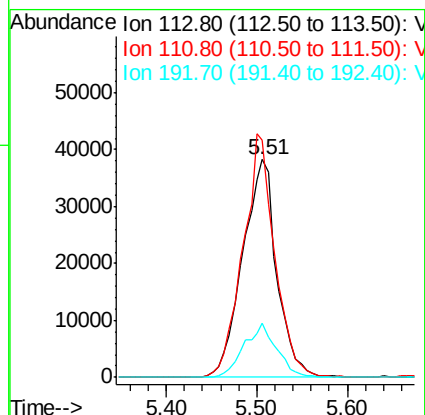
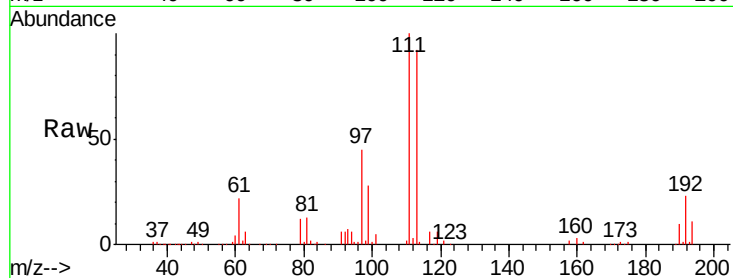




#35
 Dibromofluoromethane
 Concen: 46.89 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

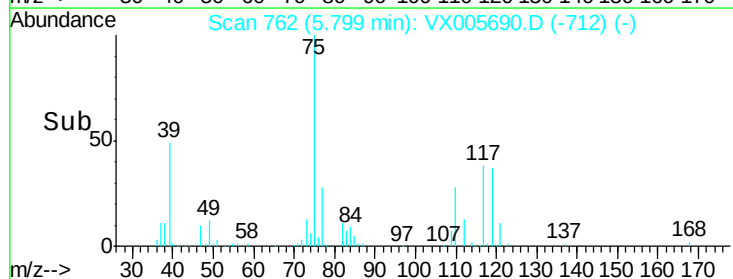
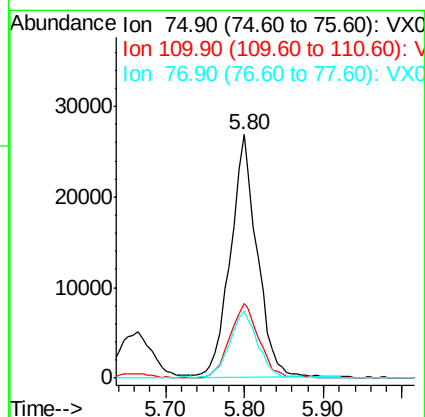
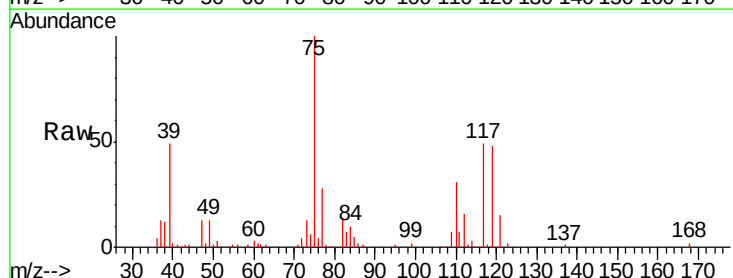
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

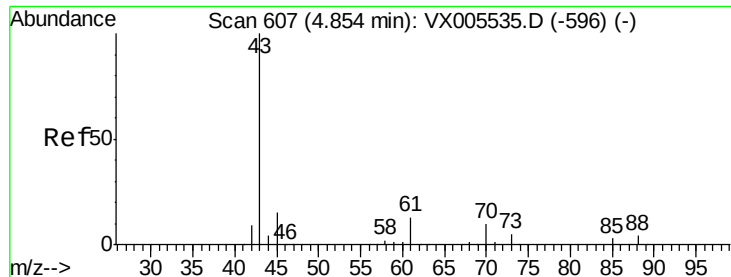
Tgt Ion:113 Resp: 99670
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 23.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 20.70 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 75 Resp: 63060
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.4 52.2
 77 28.9 25.8 38.6





#37

Ethyl Acetate

Concen: 20.13 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

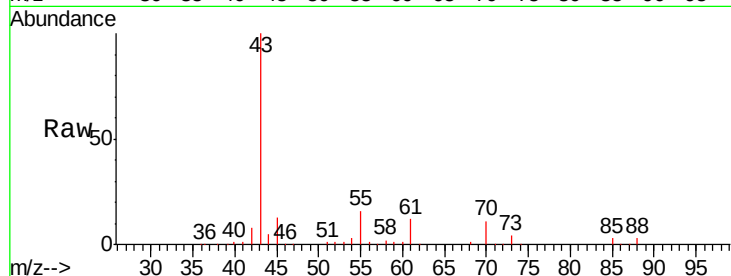
Tgt Ion: 43 Resp: 78245

Ion Ratio Lower Upper

43 100

61 13.7 10.8 16.2

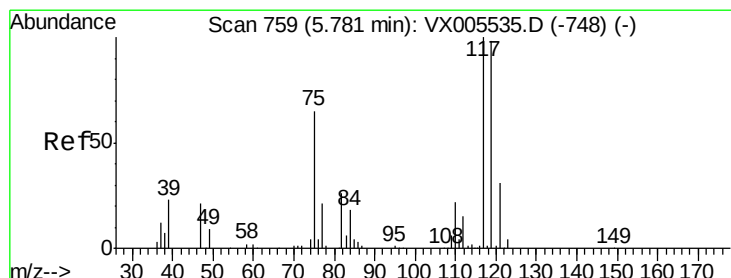
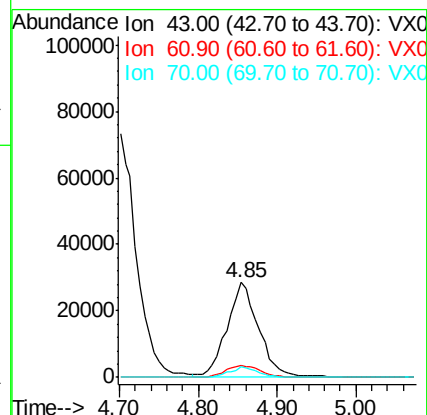
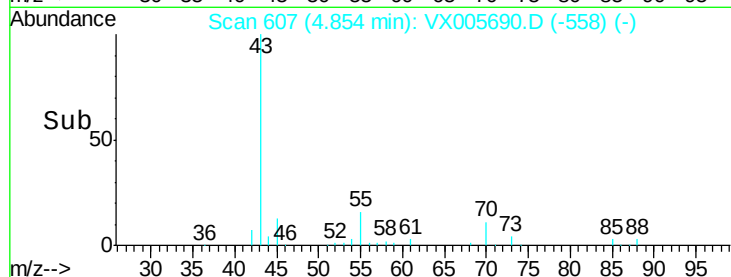
70 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-596) (-)

Ion 60.90 (60.60 to 61.60): VX005535.D (-596) (-)

Ion 70.00 (69.70 to 70.70): VX005535.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 18.74 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

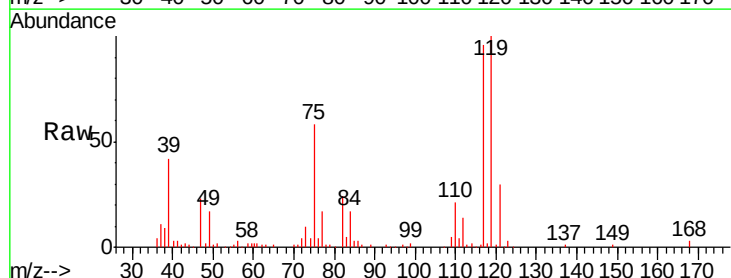
Tgt Ion: 117 Resp: 60143

Ion Ratio Lower Upper

117 100

119 103.8 78.1 117.1

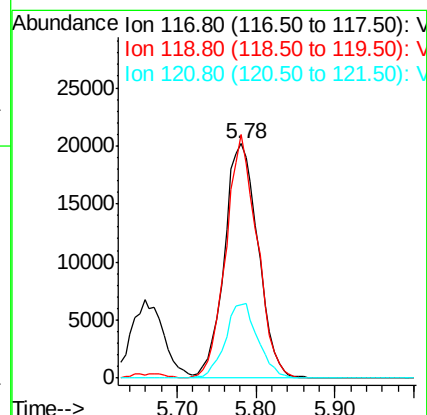
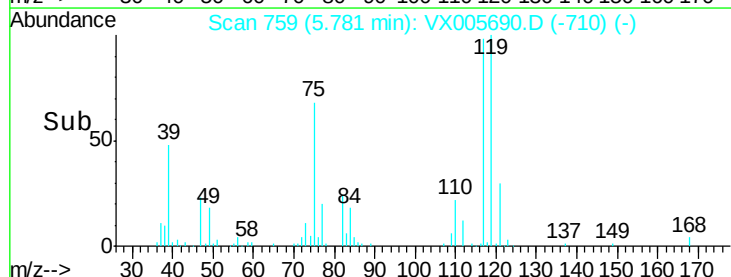
121 31.0 24.6 36.8

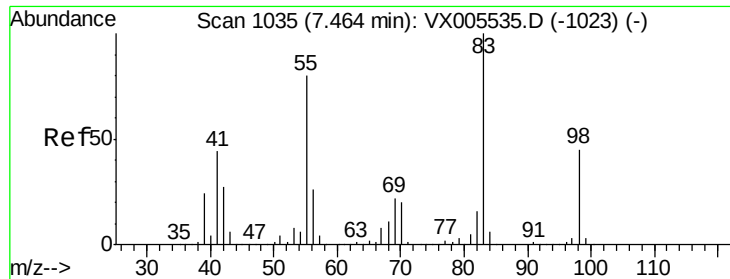


Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005535.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005535.D (-748) (-)

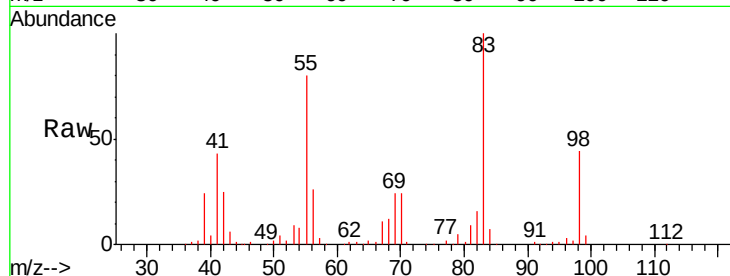




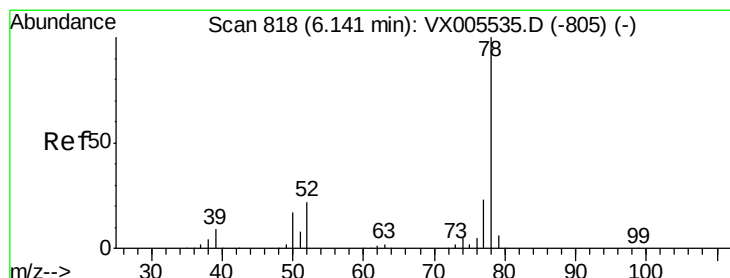
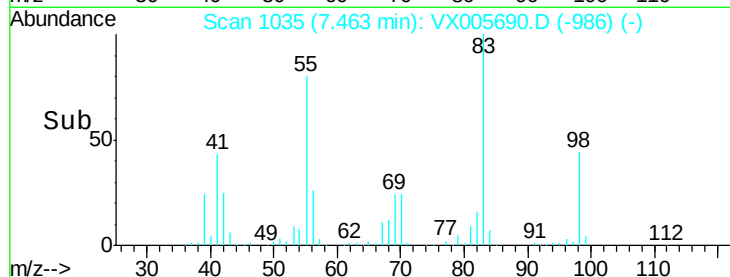
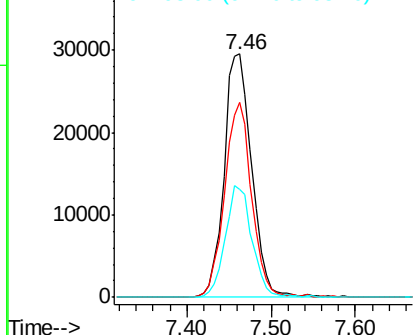
#39
Methylcyclohexane
Concen: 19.64 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion: 83 Resp: 66089
Ion Ratio Lower Upper
83 100
55 80.1 63.7 95.5
98 44.1 36.2 54.2

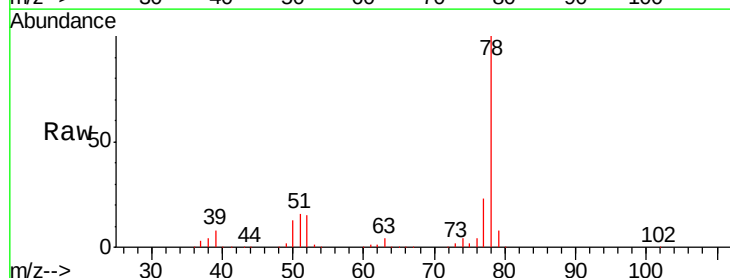


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

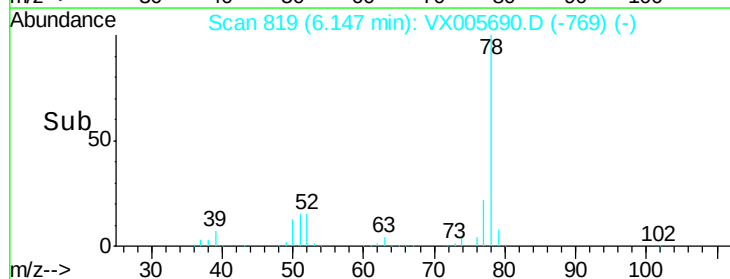
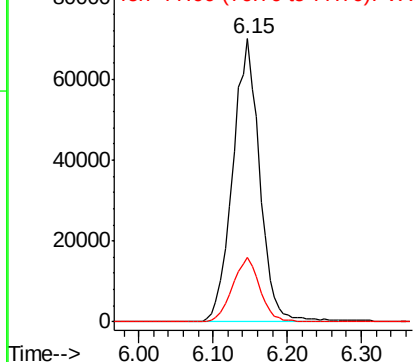


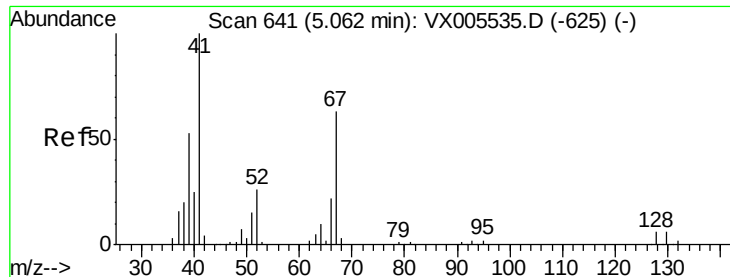
#40
Benzene
Concen: 20.38 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 78 Resp: 177987
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6



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

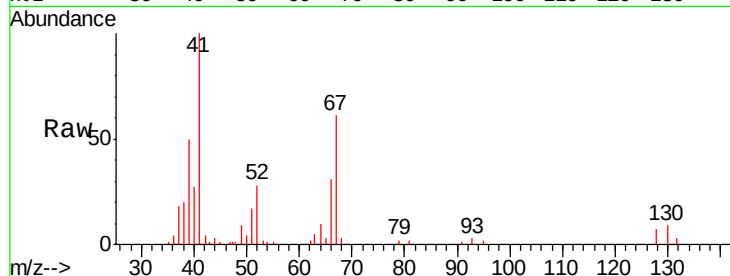




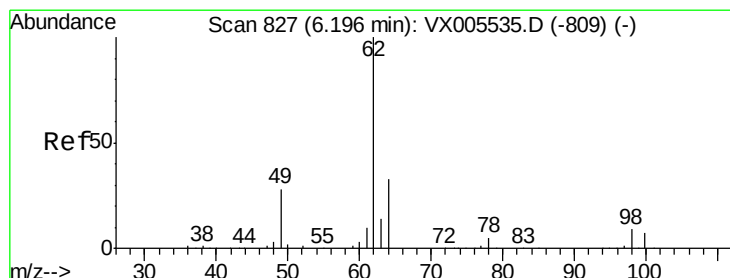
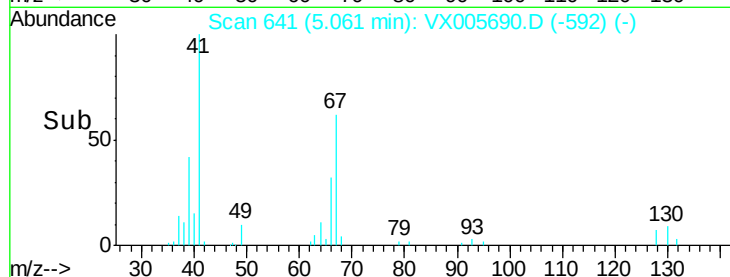
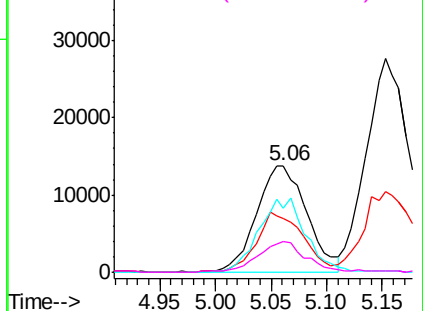
#41
Methacrylonitrile
Concen: 19.78 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion:	41	Resp:	42842
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.2
67	65.9	53.4	80.0
52	29.1	23.4	35.2

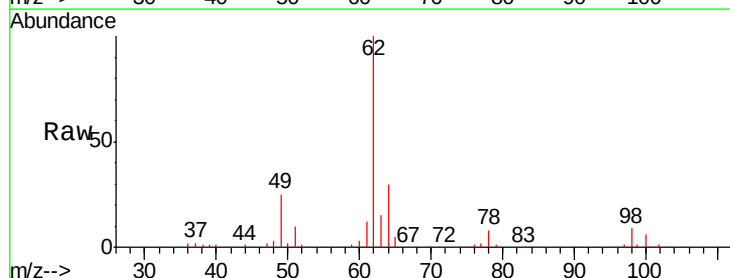


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

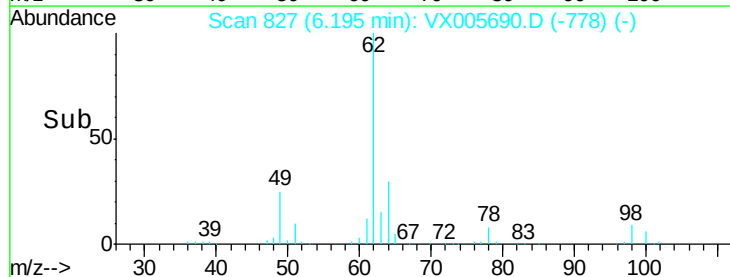
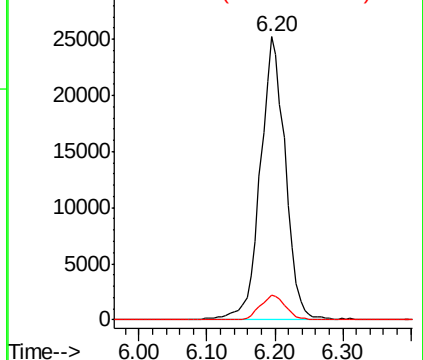


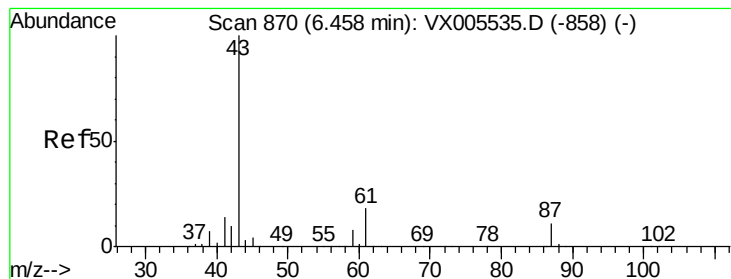
#42
1,2-Dichloroethane
Concen: 19.53 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion:	62	Resp:	64804
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 20.09 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

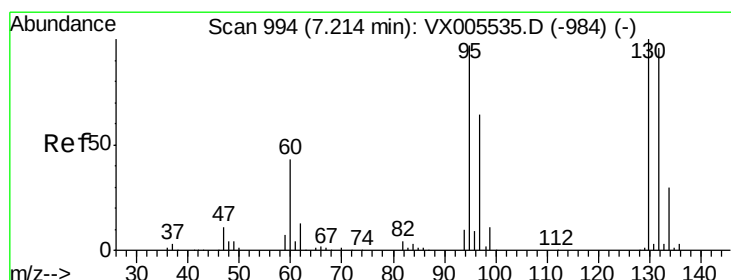
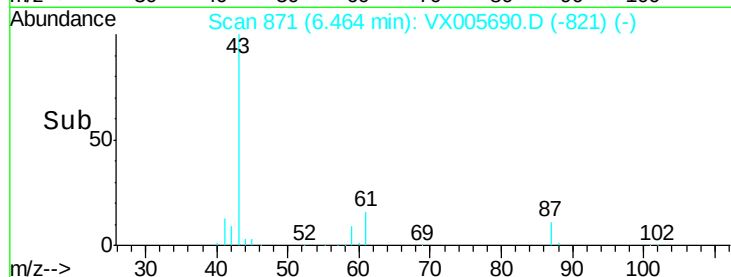
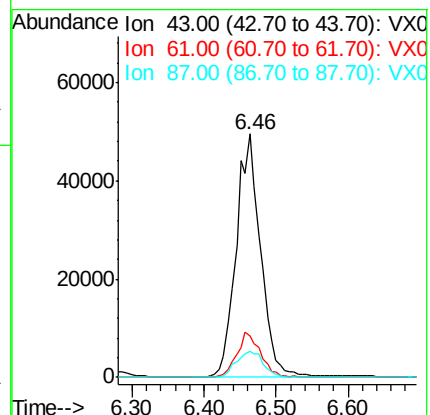
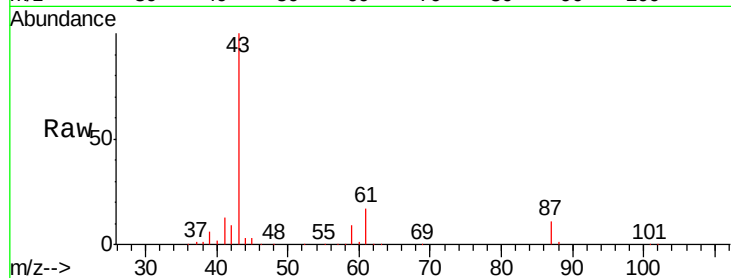
Tgt Ion: 43 Resp: 117061

Ion Ratio Lower Upper

43 100

61 18.0 14.6 22.0

87 12.1 9.6 14.4



#44

Trichloroethene

Concen: 20.13 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005690.D

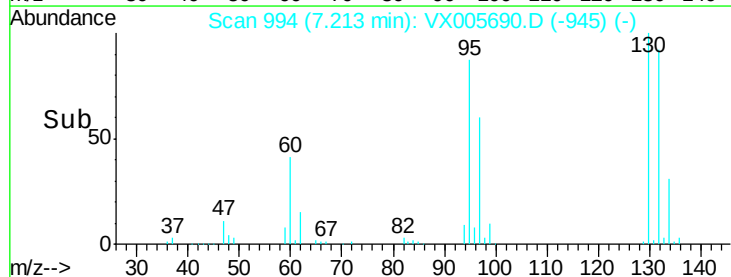
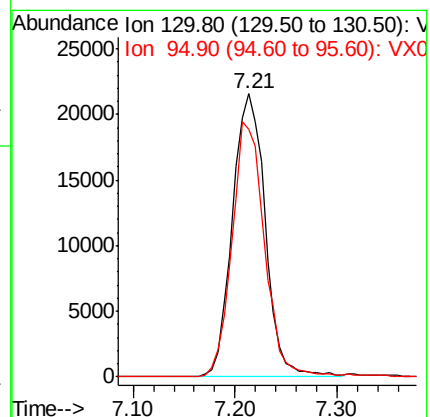
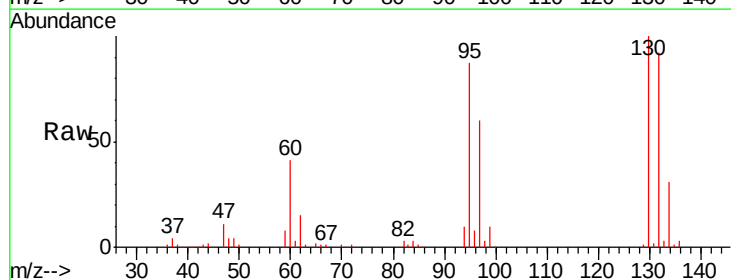
Acq: 30 Oct 2018 14:34

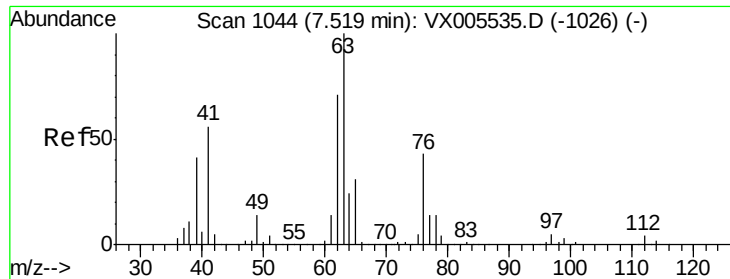
Tgt Ion: 130 Resp: 47894

Ion Ratio Lower Upper

130 100

95 87.3 0.0 194.2

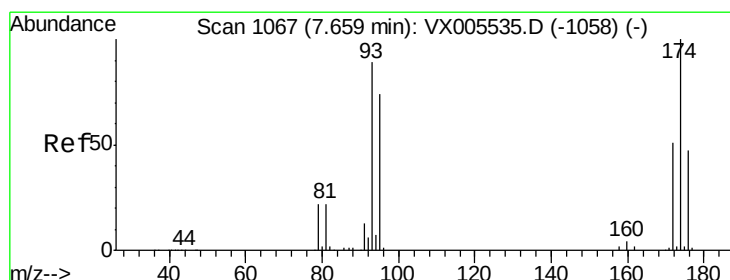
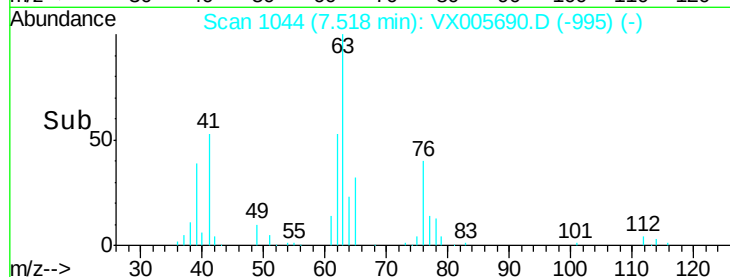
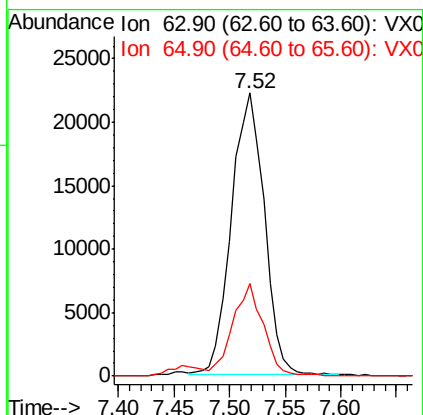
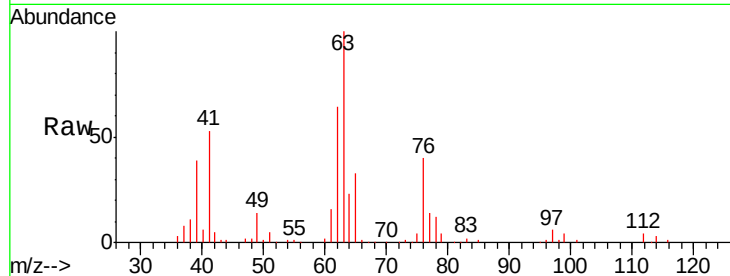




#45
 1,2-Dichloropropane
 Concen: 19.34 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

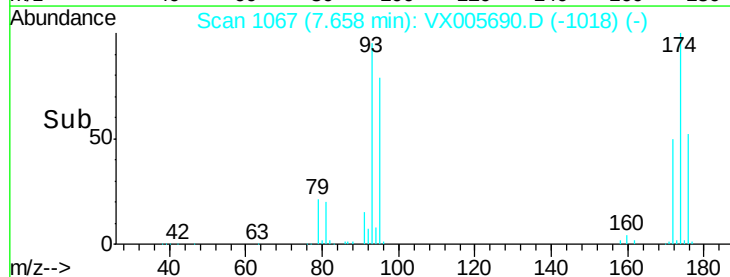
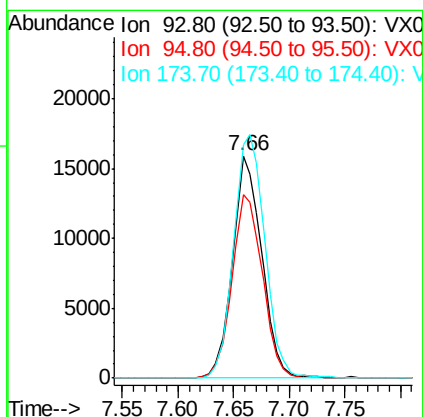
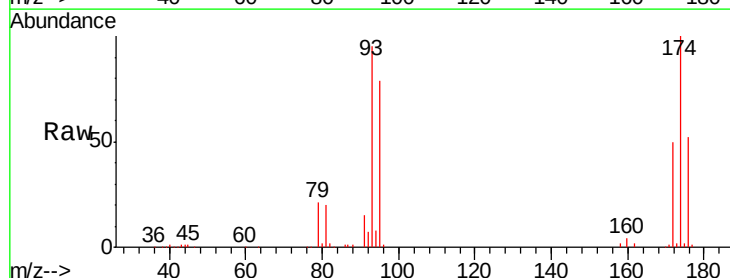
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

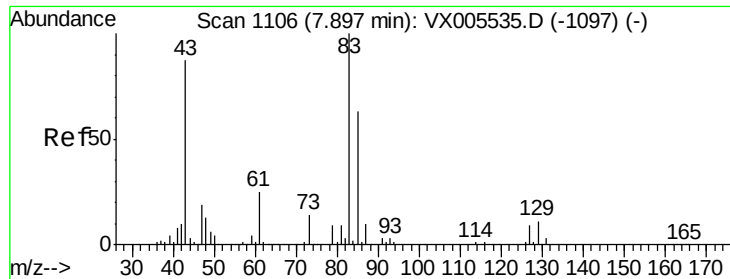
Tgt Ion: 63 Resp: 45401
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.8 37.2



#46
 Dibromomethane
 Concen: 19.11 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 93 Resp: 28981
 Ion Ratio Lower Upper
 93 100
 95 86.2 67.4 101.0
 174 116.6 91.5 137.3





#47

Bromodichloromethane

Concen: 18.95 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

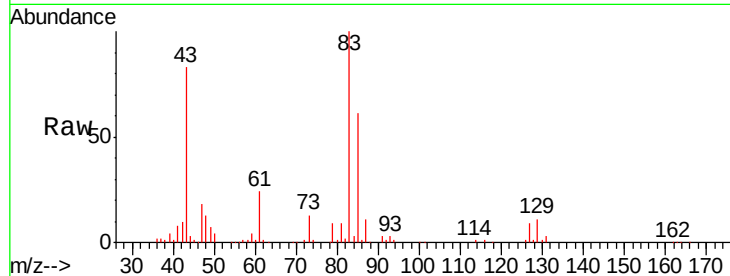
Tgt Ion: 83 Resp: 55772

Ion Ratio Lower Upper

83 100

85 60.5 50.2 75.4

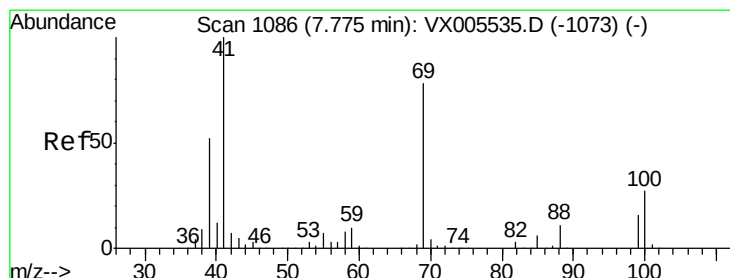
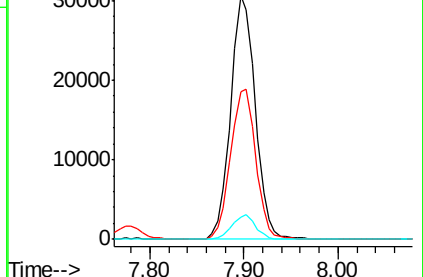
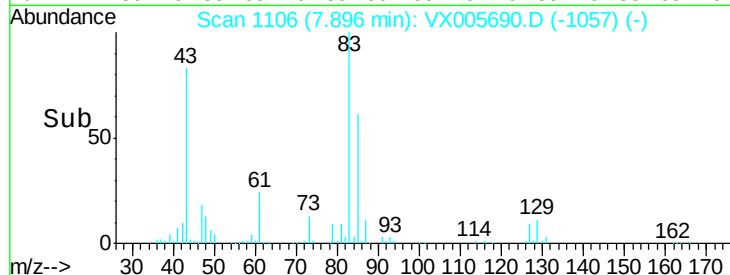
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.32 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

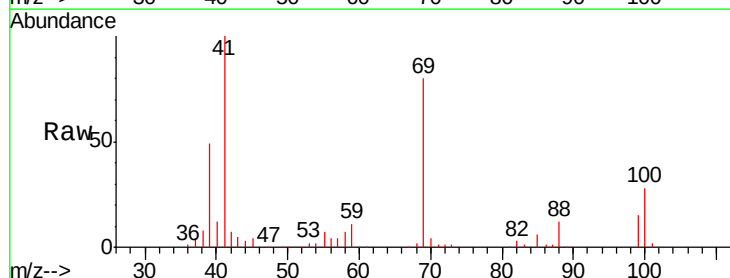
Tgt Ion: 41 Resp: 54848

Ion Ratio Lower Upper

41 100

69 79.6 63.2 94.8

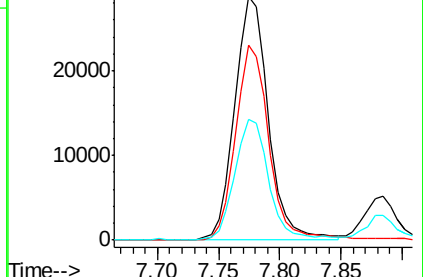
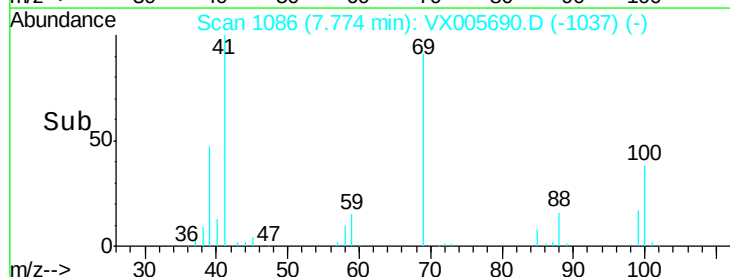
39 49.4 42.2 63.2

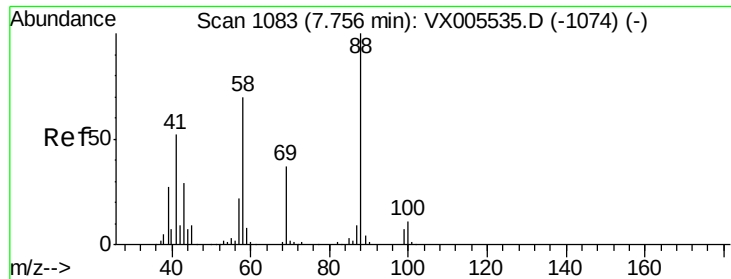


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

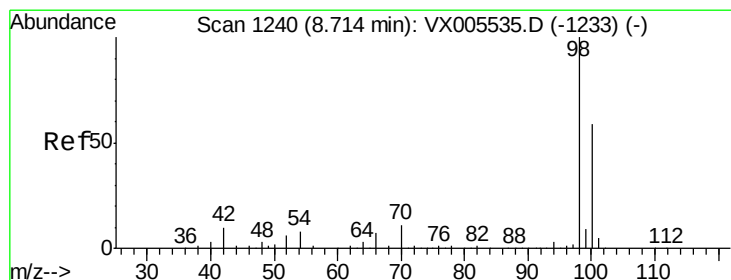
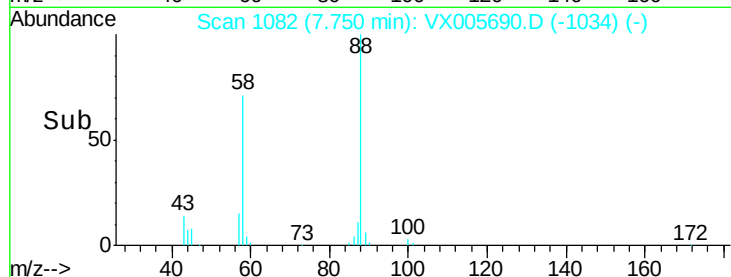
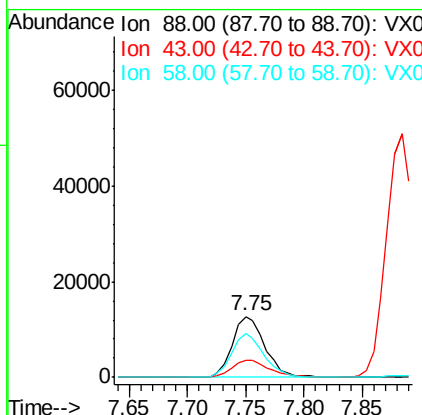
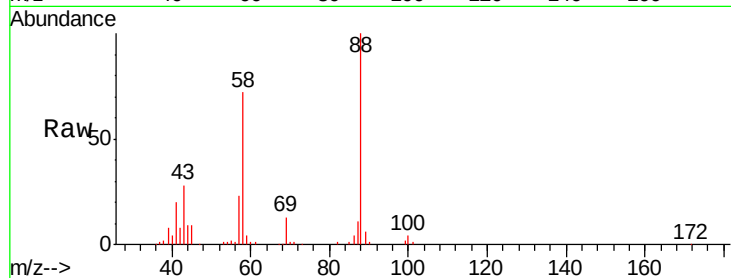




#49
1,4-Dioxane
Concen: 398.82 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

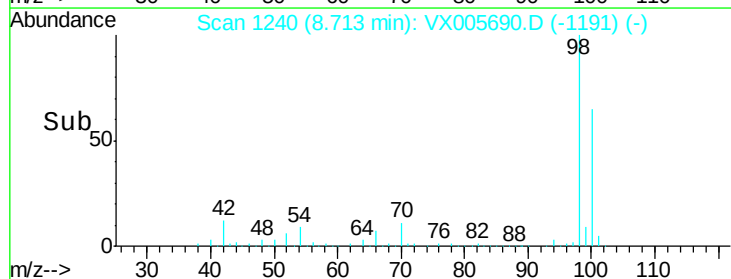
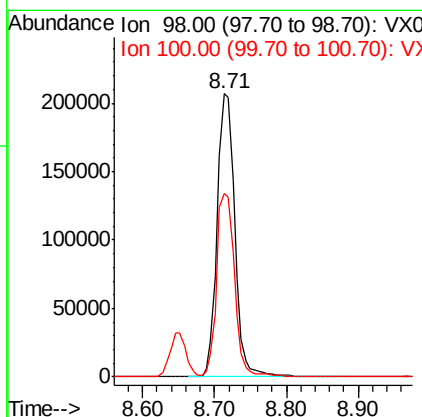
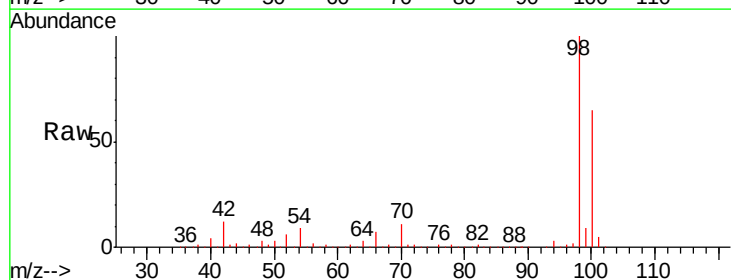
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

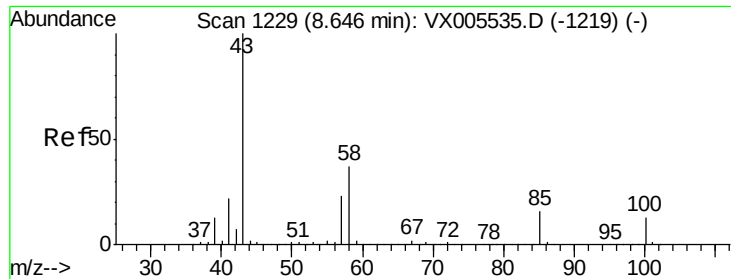
Tgt Ion: 88 Resp: 24737
Ion Ratio Lower Upper
88 100
43 34.4 27.4 41.0
58 72.1 59.4 89.2



#50
Toluene-d8
Concen: 46.02 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 98 Resp: 351526
Ion Ratio Lower Upper
98 100
100 65.9 51.3 76.9

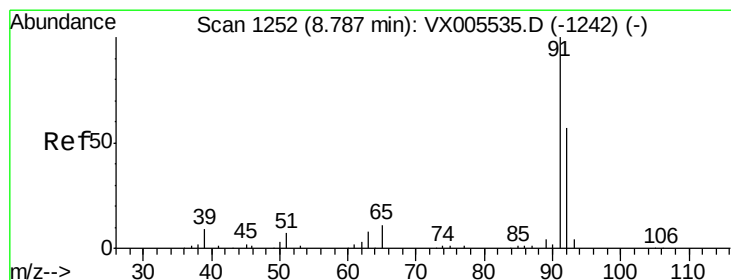
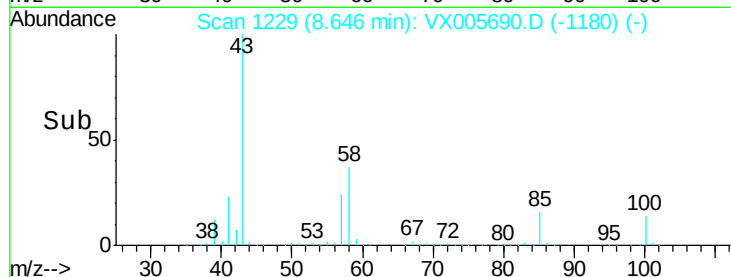
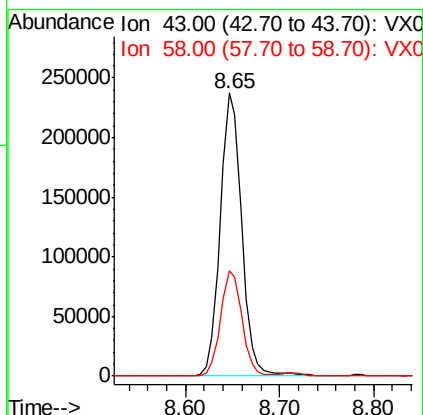
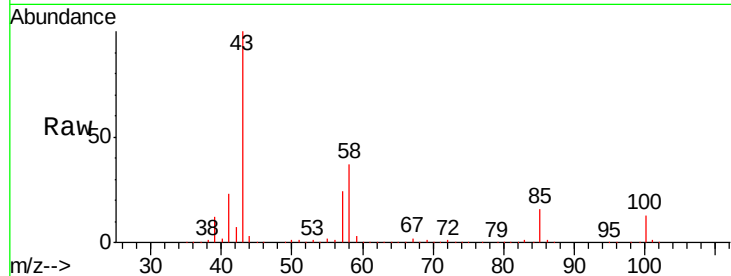




#51
 4-Methyl-2-Pentanone
 Concen: 96.04 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

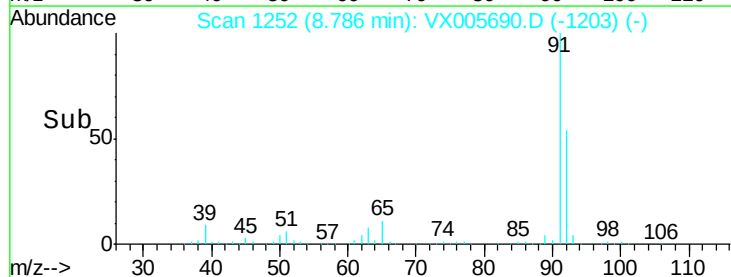
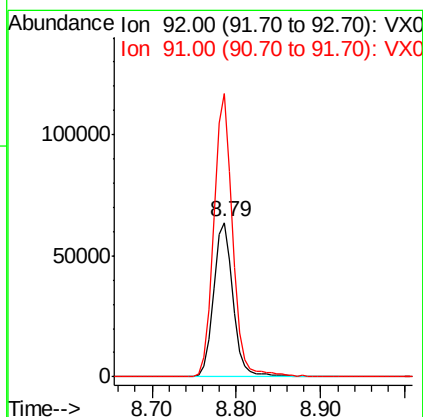
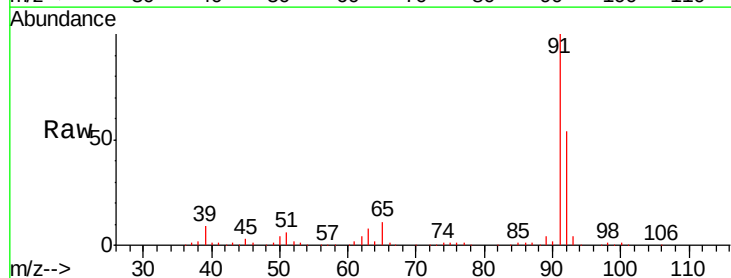
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

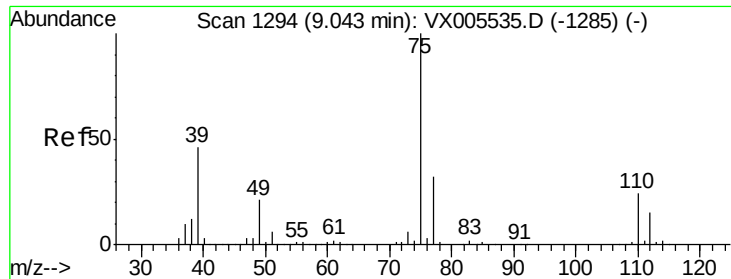
Tgt Ion: 43 Resp: 376051
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5



#52
 Toluene
 Concen: 19.28 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 92 Resp: 102358
 Ion Ratio Lower Upper
 92 100
 91 178.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.76 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

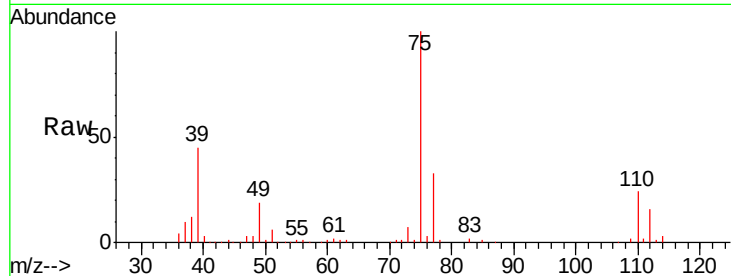
VX1030WBSD01

Tgt Ion: 75 Resp: 59684

Ion Ratio Lower Upper

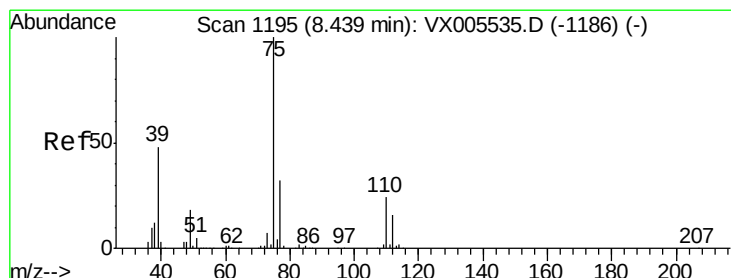
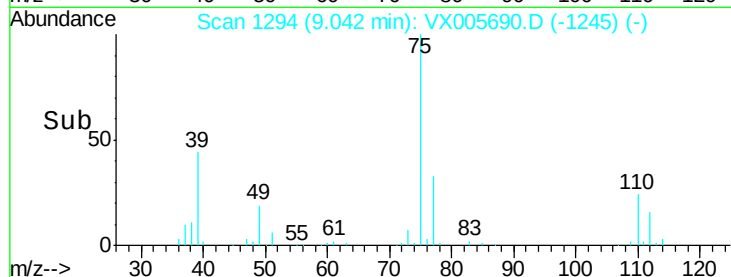
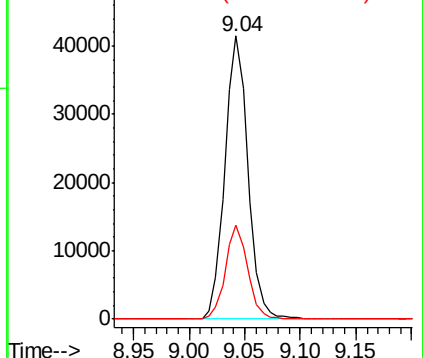
75 100

77 33.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.34 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

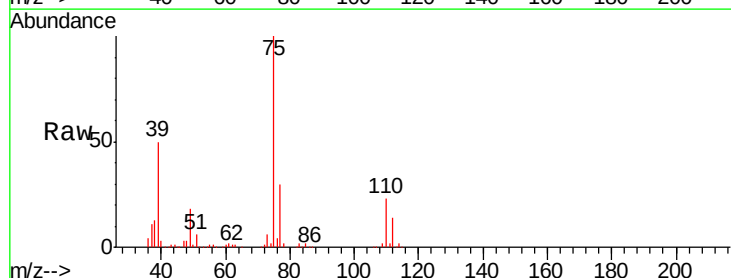
Tgt Ion: 75 Resp: 66232

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8

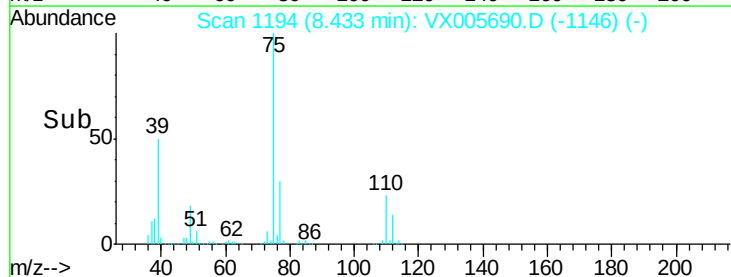
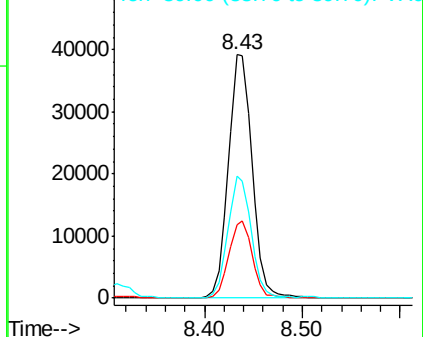
39 49.8 38.2 57.2

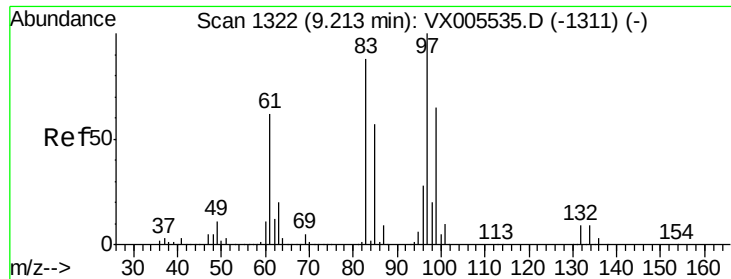


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

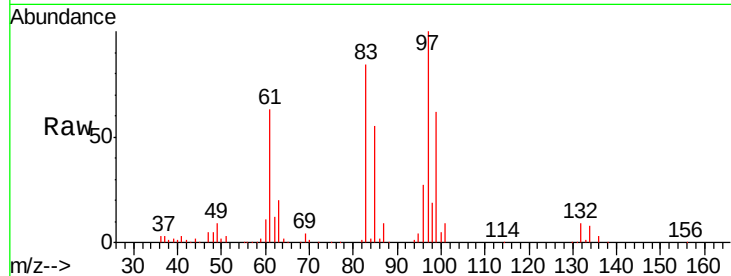




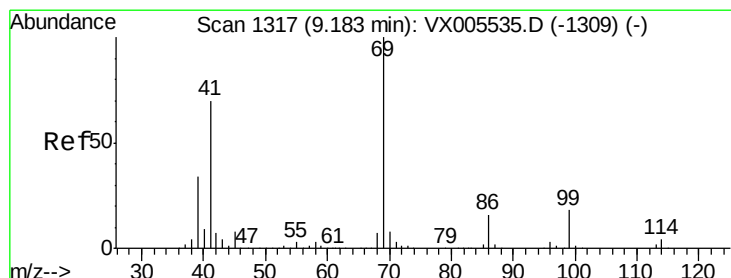
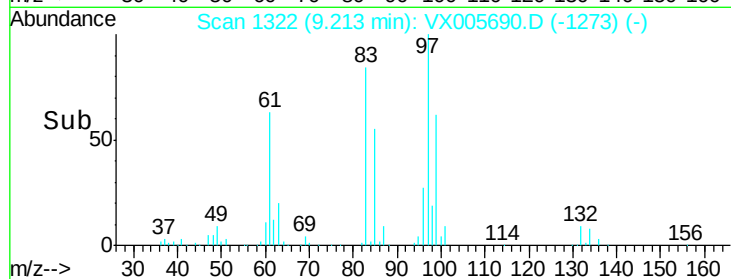
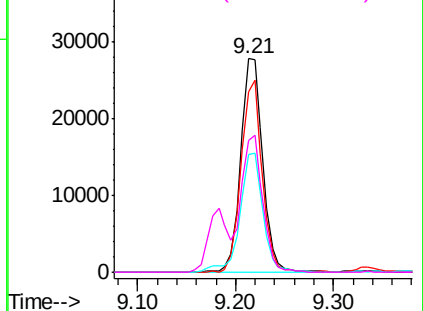
#55
 1,1,2-Trichloroethane
 Concen: 19.37 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion: 97 Resp: 43350
 Ion Ratio Lower Upper
 97 100
 83 84.4 70.7 106.1
 85 55.4 45.8 68.6
 99 61.9 51.8 77.8

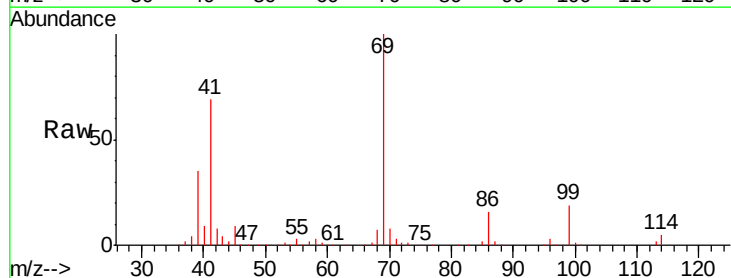


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

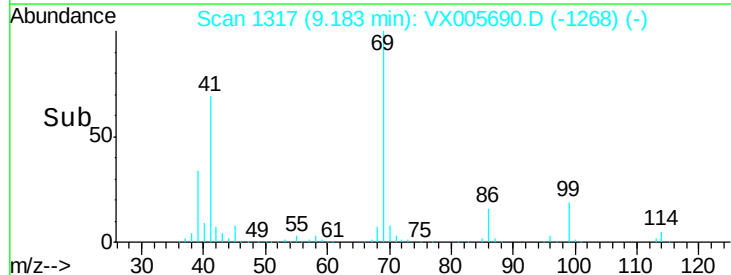
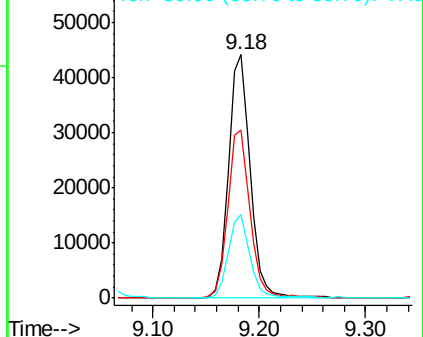


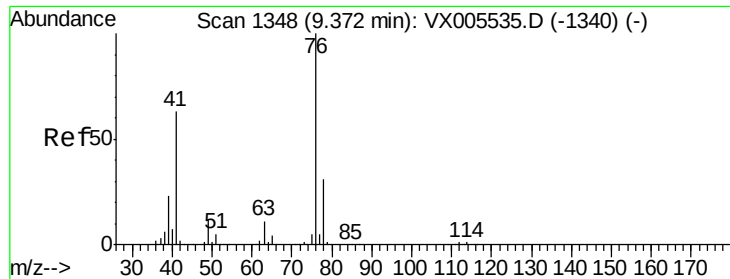
#56
 Ethyl methacrylate
 Concen: 19.01 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 69 Resp: 63450
 Ion Ratio Lower Upper
 69 100
 41 71.1 57.0 85.6
 39 34.3 28.3 42.5



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





#57

1,3-Dichloropropane

Concen: 18.85 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

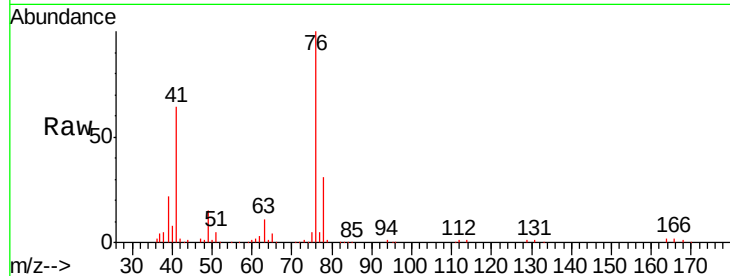
VX1030WBSD01

Tgt Ion: 76 Resp: 71392

Ion Ratio Lower Upper

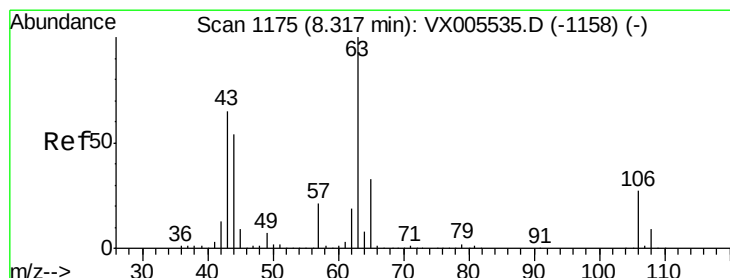
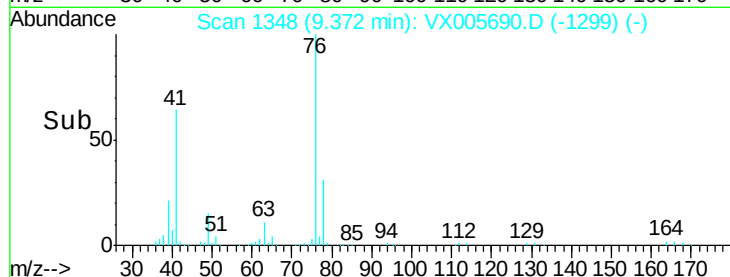
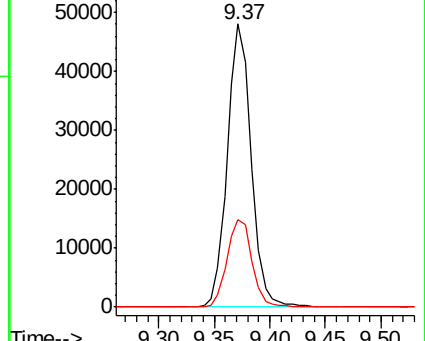
76 100

78 32.1 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.51 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005690.D

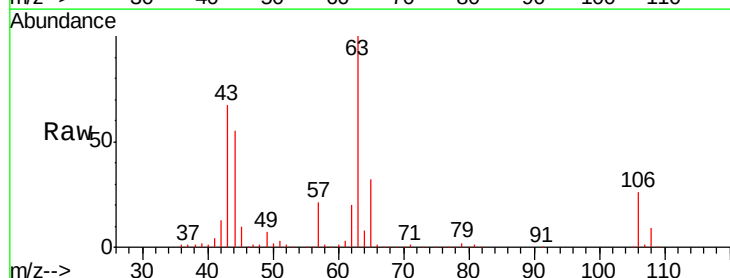
Acq: 30 Oct 2018 14:34

Tgt Ion: 63 Resp: 172472

Ion Ratio Lower Upper

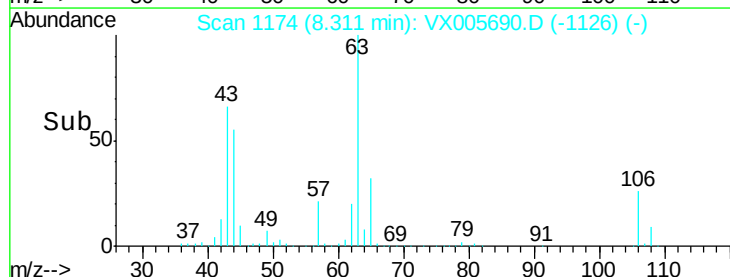
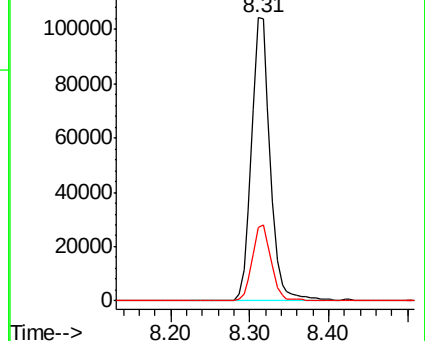
63 100

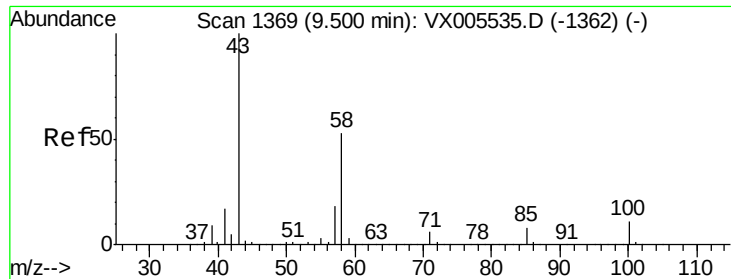
106 27.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

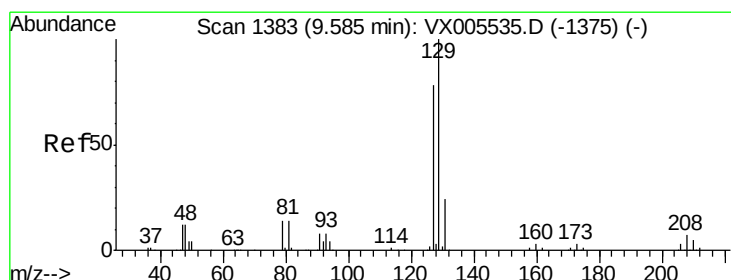
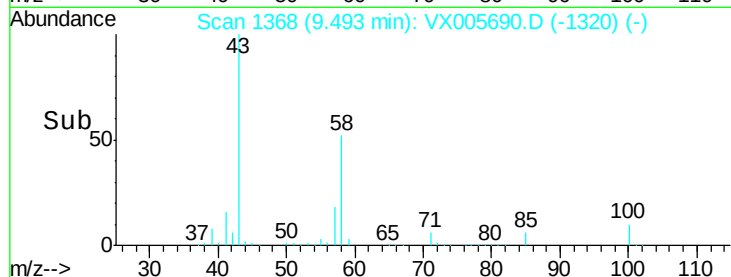
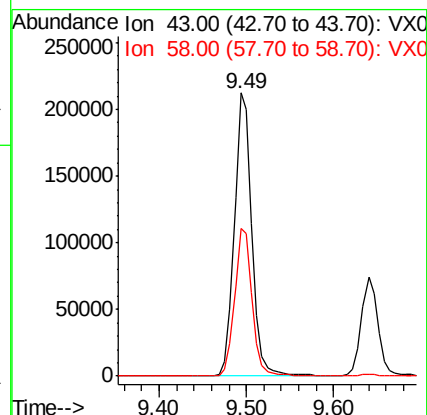
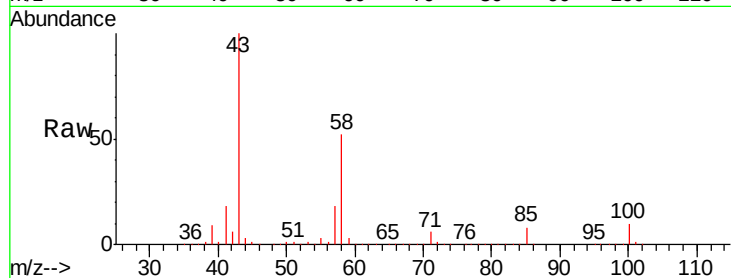




#59
2-Hexanone
Concen: 95.80 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

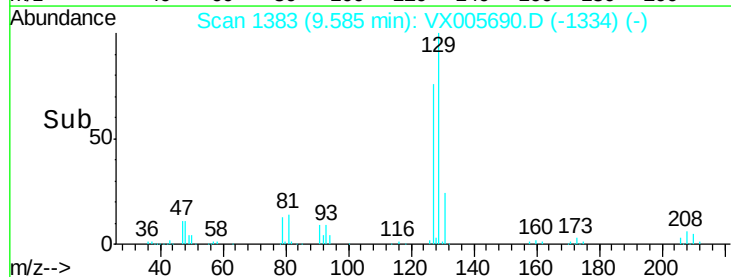
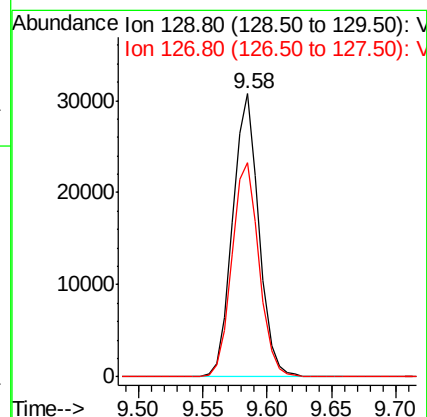
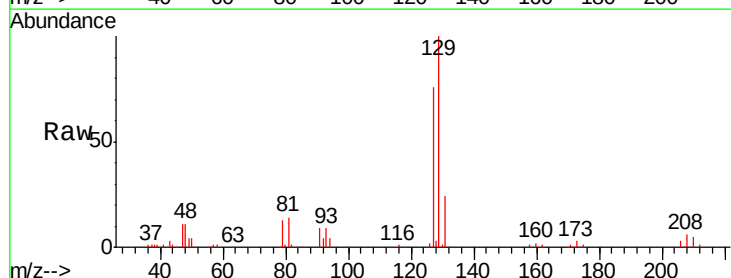
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

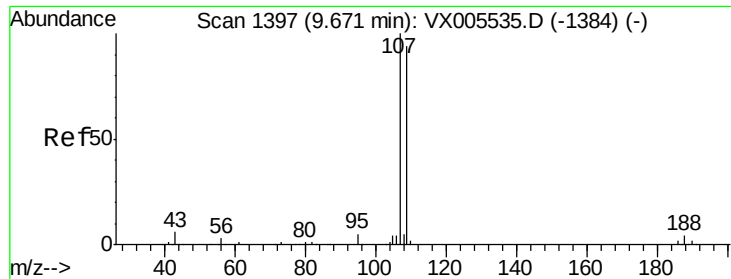
Tgt Ion: 43 Resp: 295741
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8



#60
Dibromochloromethane
Concen: 18.84 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 129 Resp: 43994
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

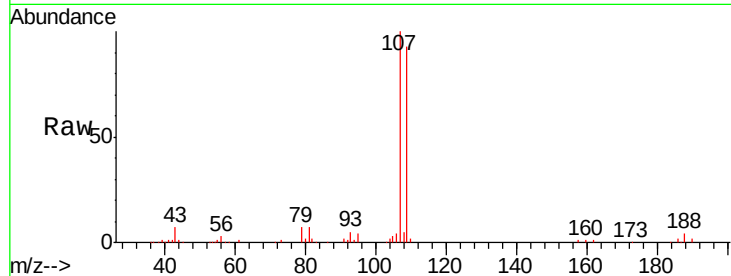
VX1030WBSD01

Tgt Ion:107 Resp: 46055

Ion Ratio Lower Upper

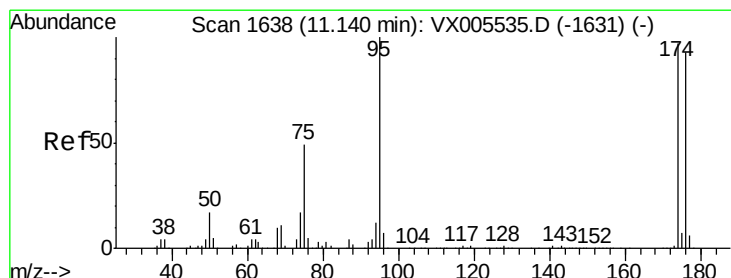
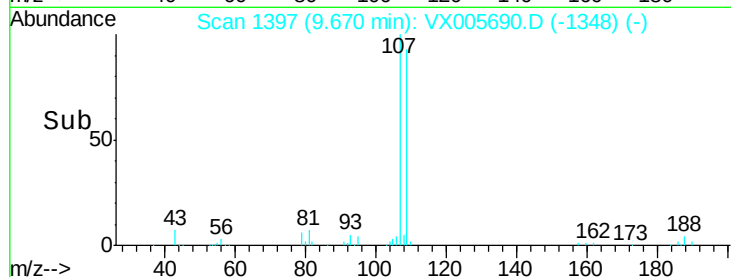
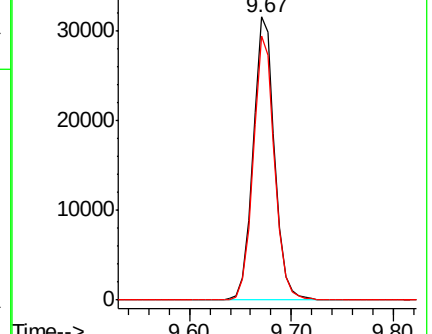
107 100

109 93.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.24 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

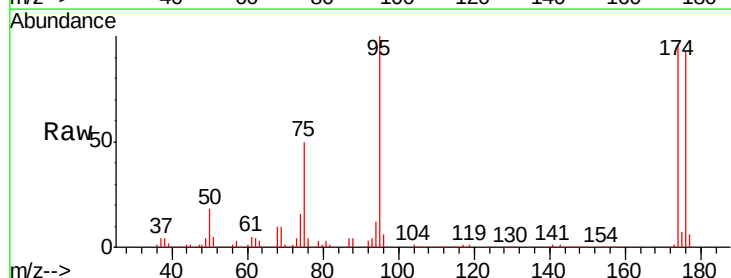
Tgt Ion: 95 Resp: 127619

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

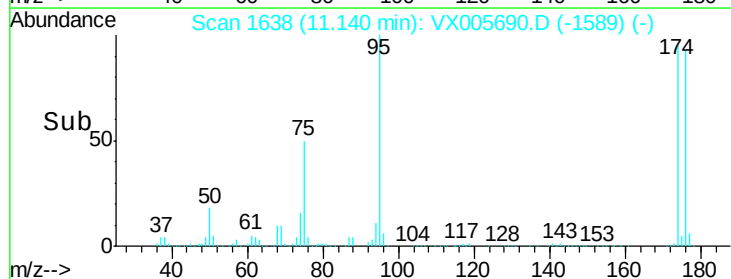
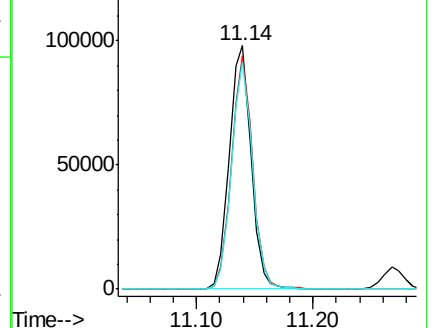
176 90.1 0.0 177.4

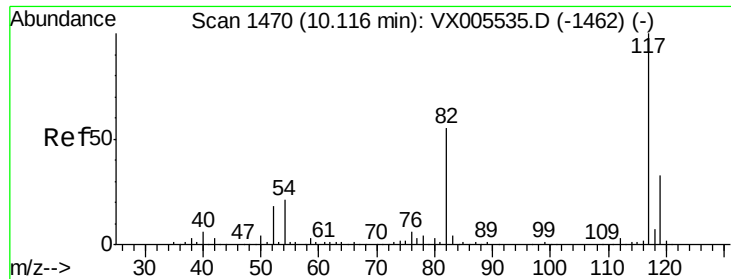


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

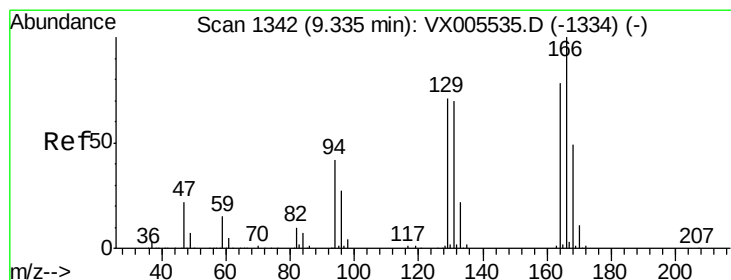
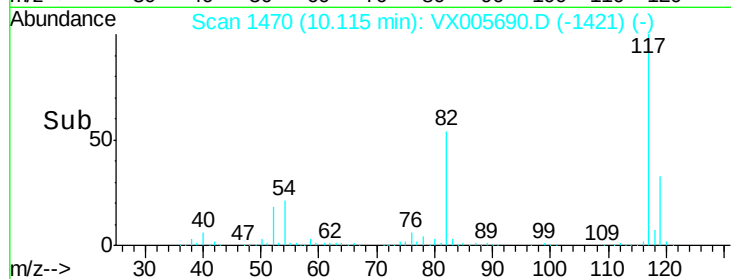
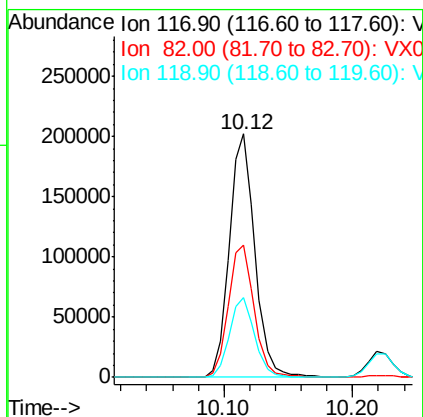
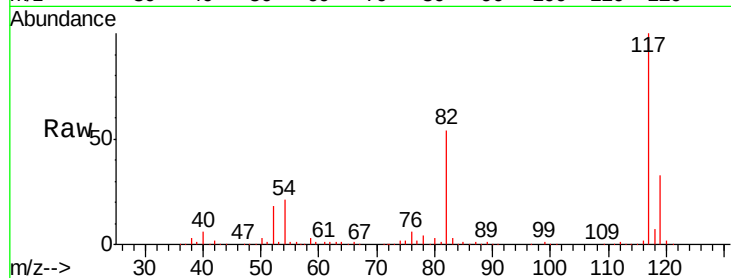




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

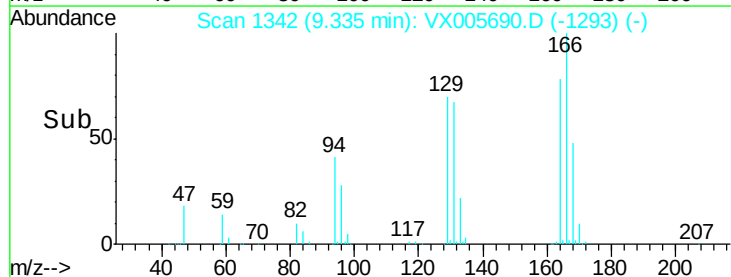
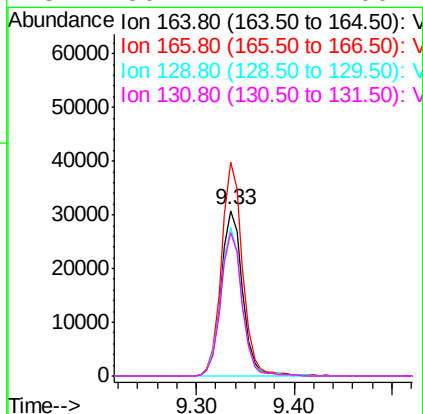
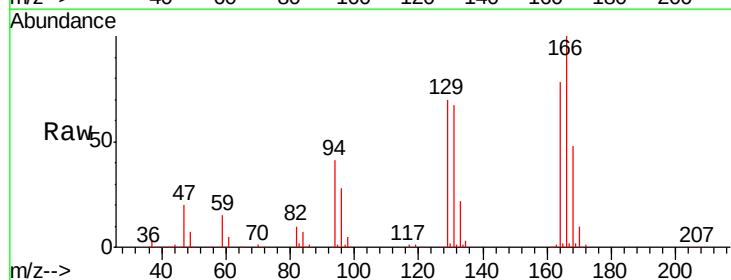
Instrument :
MSVOA_X
ClientSampled :
VX1030WBSD01

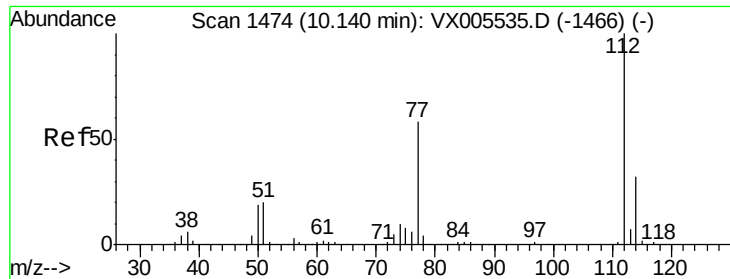
Tgt Ion:117 Resp: 280811
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion:164 Resp: 46935
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 89.8 72.6 109.0
131 86.7 71.1 106.7

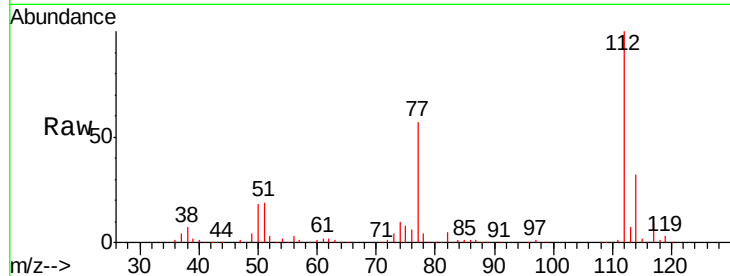




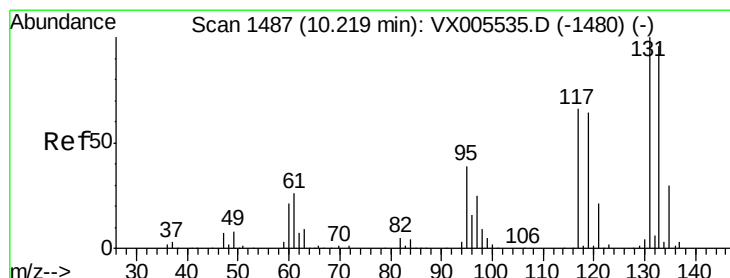
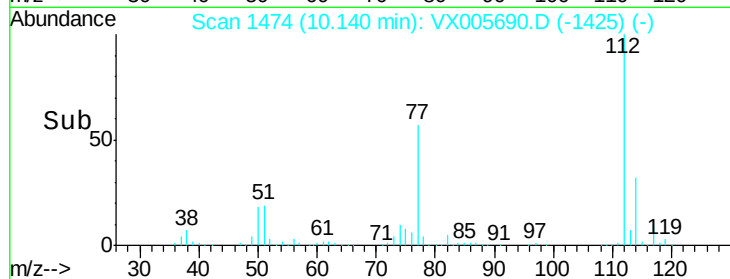
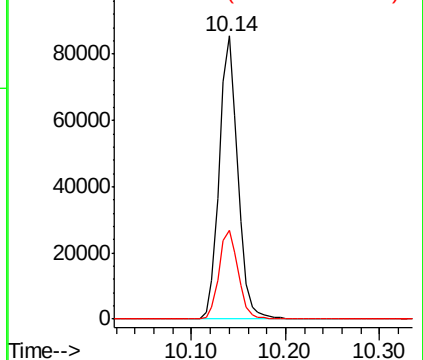
#65
Chlorobenzene
Concen: 19.58 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Tgt Ion:112 Resp: 117066
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

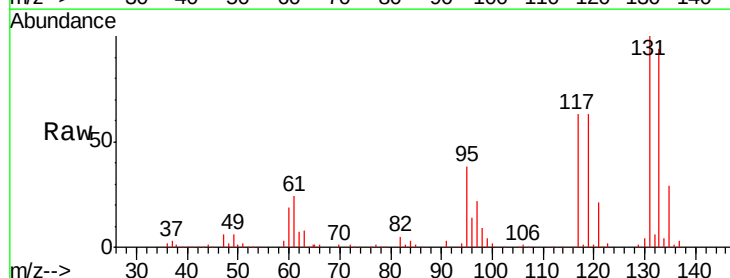


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

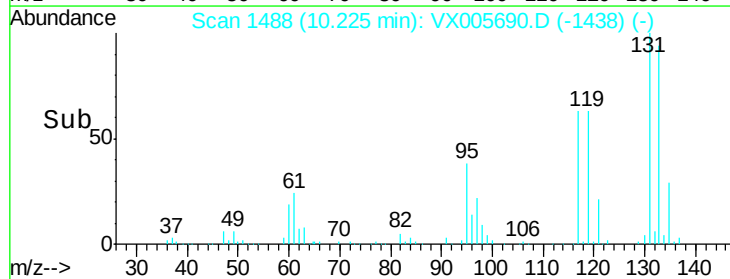
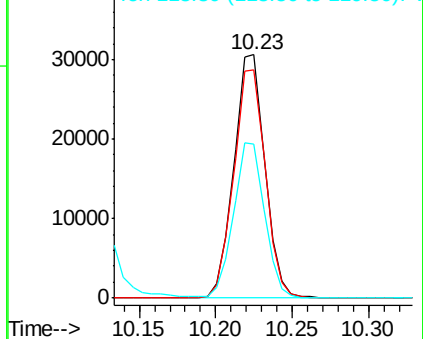


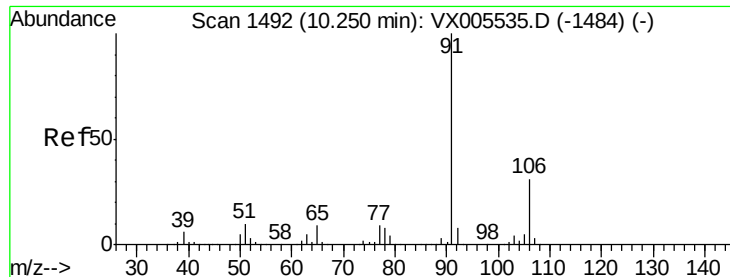
#66
1,1,1,2-Tetrachloroethane
Concen: 19.70 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion:131 Resp: 42964
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 64.1 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.89 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

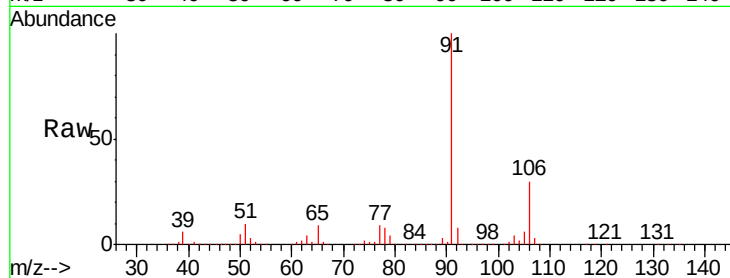
VX1030WBSD01

Tgt Ion: 91 Resp: 195656

Ion Ratio Lower Upper

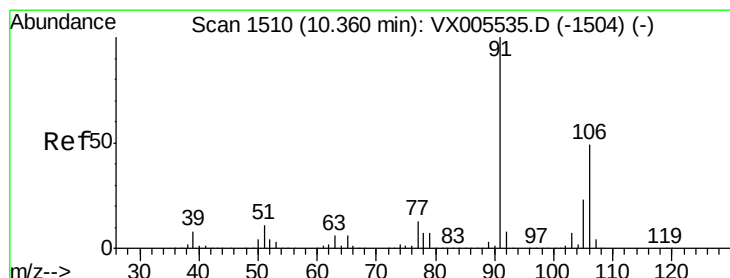
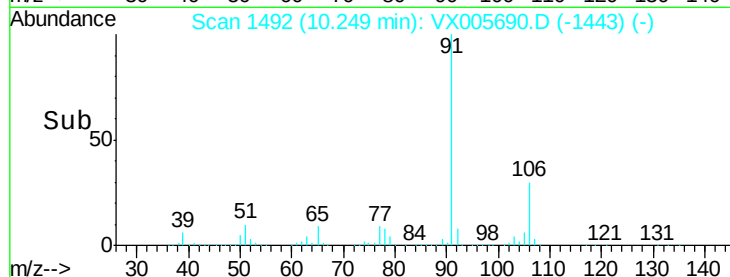
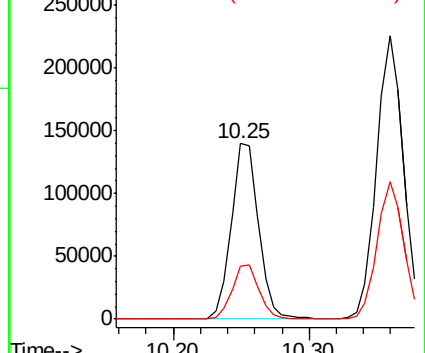
91 100

106 30.4 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)



#68

m/p-Xylenes

Concen: 39.68 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005690.D

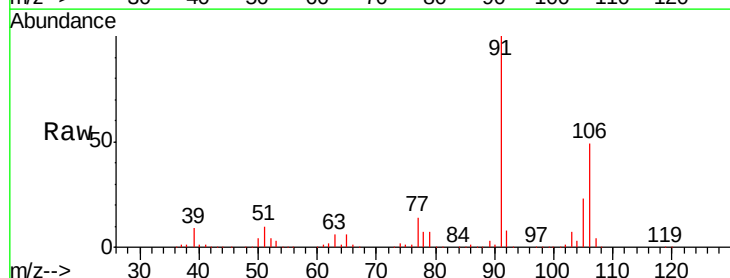
Acq: 30 Oct 2018 14:34

Tgt Ion: 106 Resp: 151455

Ion Ratio Lower Upper

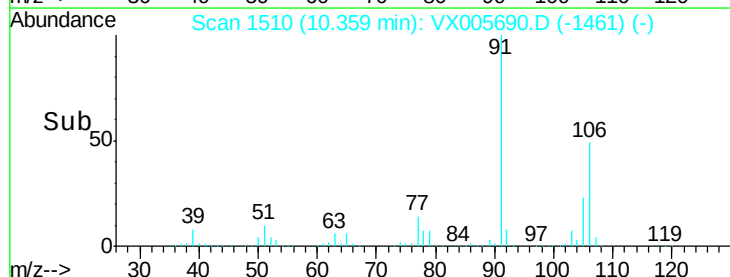
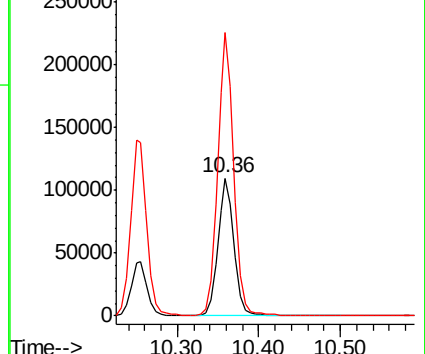
106 100

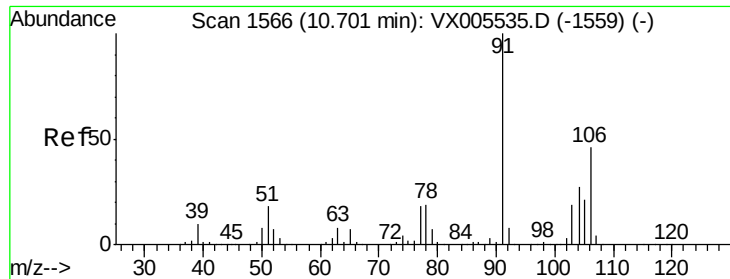
91 207.2 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)

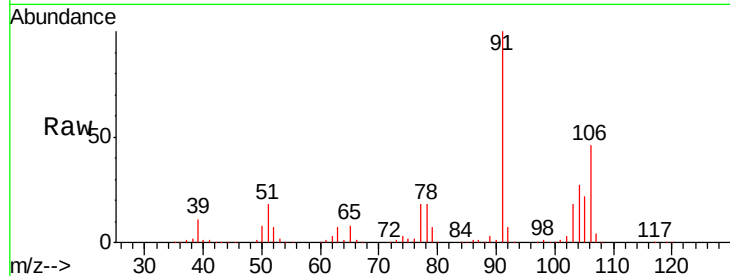




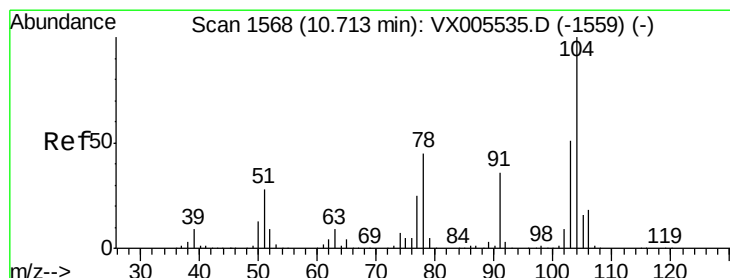
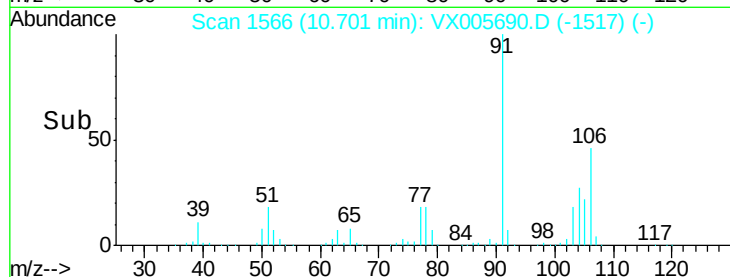
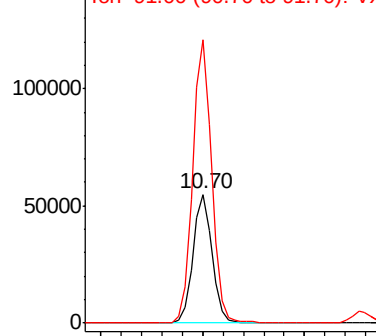
#69
o-Xylene
Concen: 20.00 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Instrument :
MSVOA_X
ClientSampled :
VX1030WBSD01

Tgt Ion:106 Resp: 71822
Ion Ratio Lower Upper
106 100
91 218.9 108.5 325.5

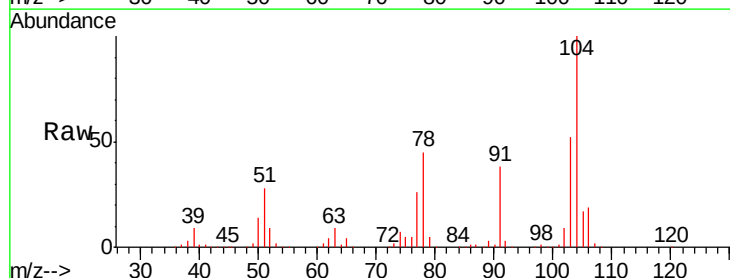


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

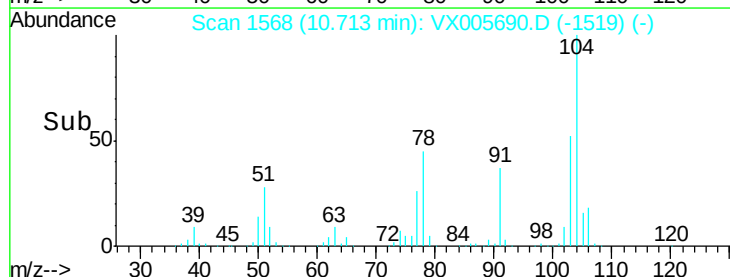
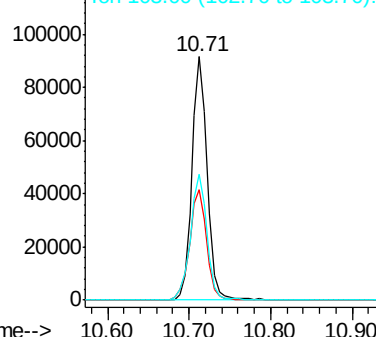


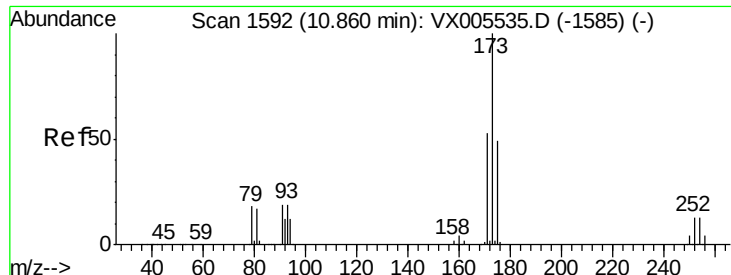
#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion:104 Resp: 120181
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.4
103 56.4 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: 18.75 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

VX1030WBSD01

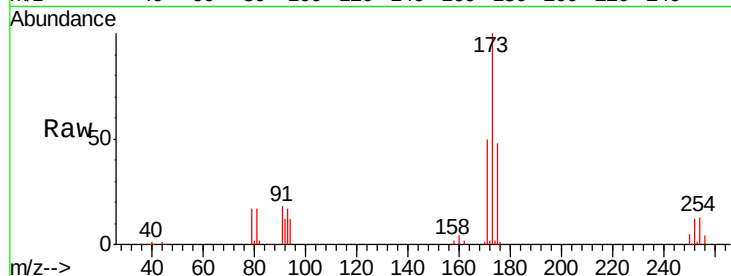
Tgt Ion:173 Resp: 36477

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

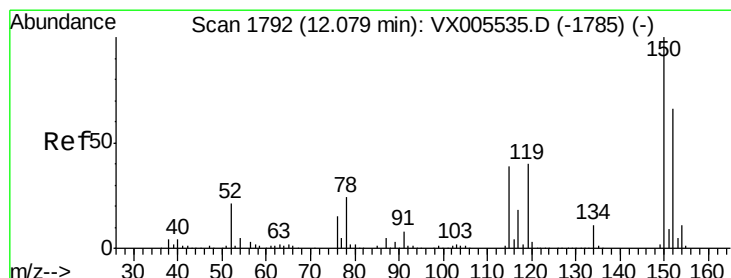
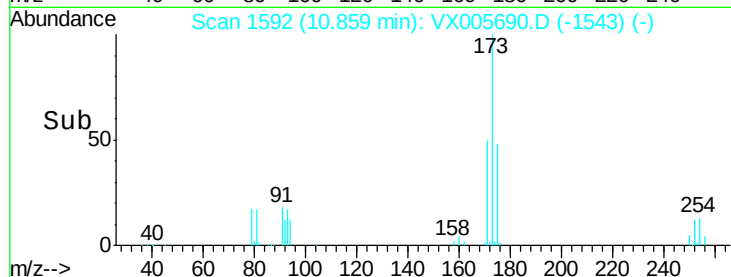
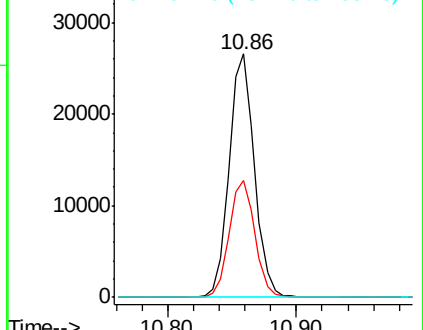
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

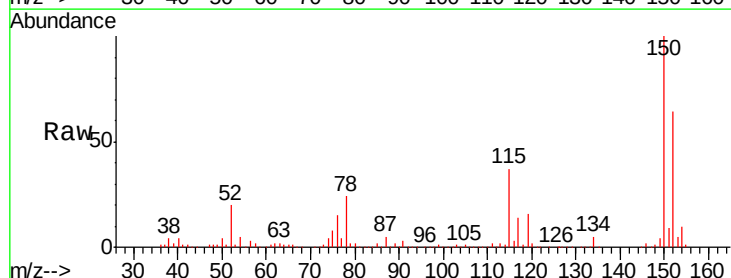
Tgt Ion:152 Resp: 155585

Ion Ratio Lower Upper

152 100

115 63.6 39.4 118.1

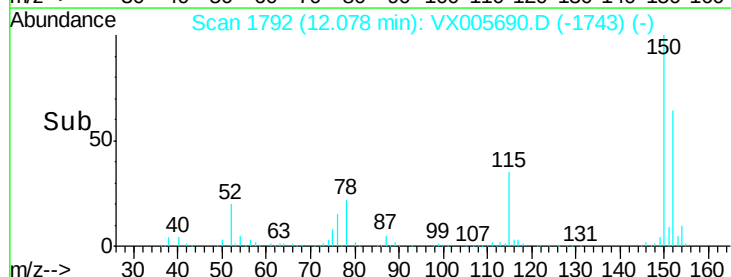
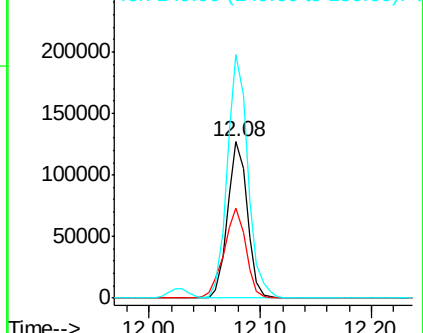
150 162.2 0.0 346.4

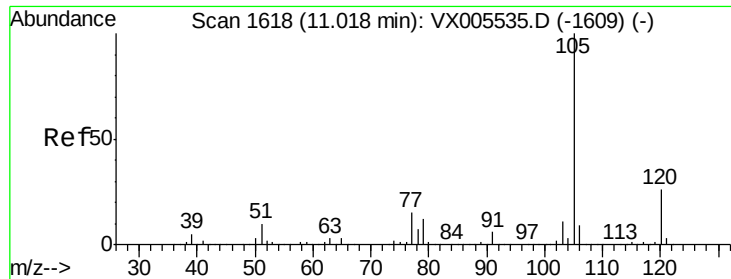


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

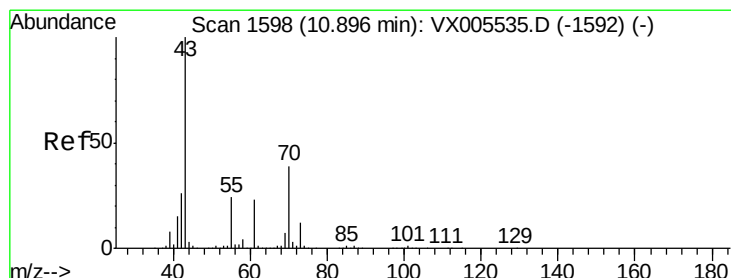
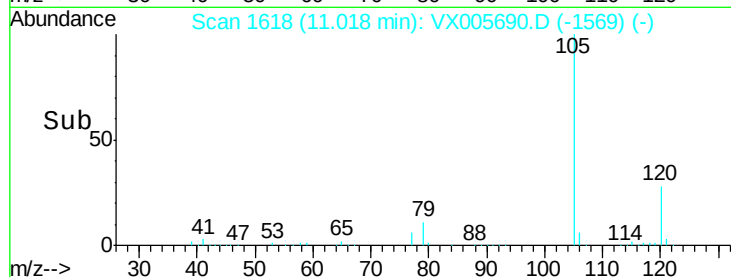
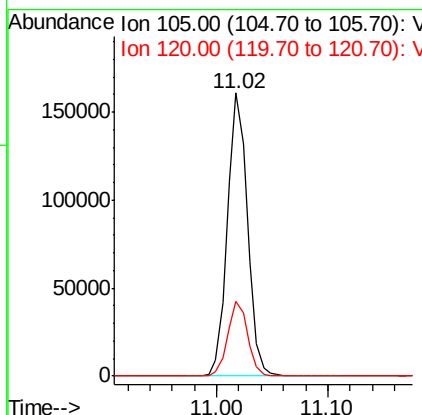
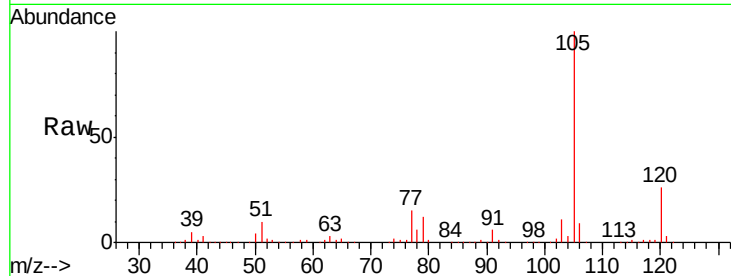




#73
Isopropylbenzene
Concen: 21.12 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

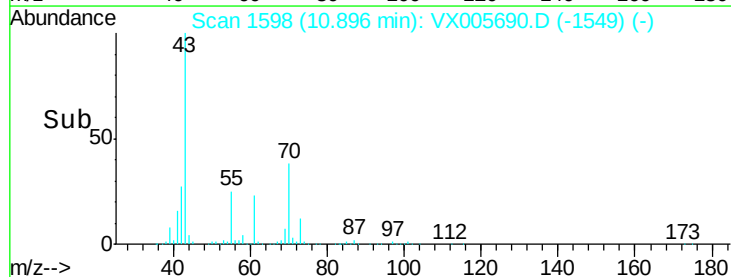
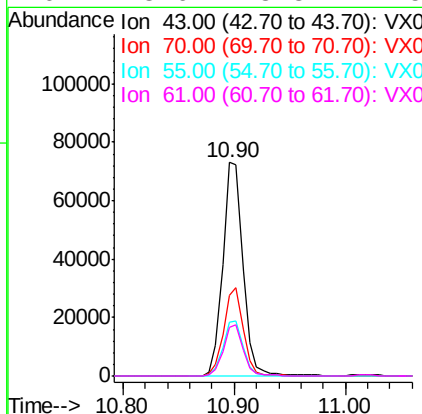
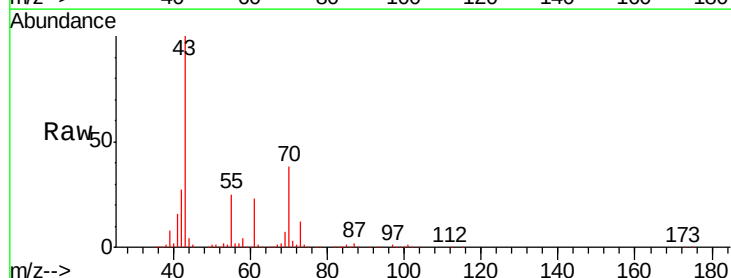
Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

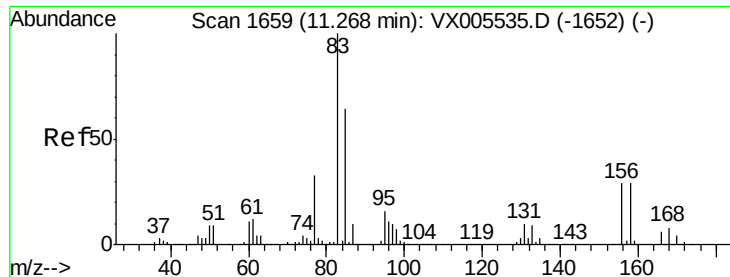
Tgt Ion: 105 Resp: 200822
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 19.59 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 43 Resp: 92339
Ion Ratio Lower Upper
43 100
70 40.3 31.6 47.4
55 25.6 19.7 29.5
61 23.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.70 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

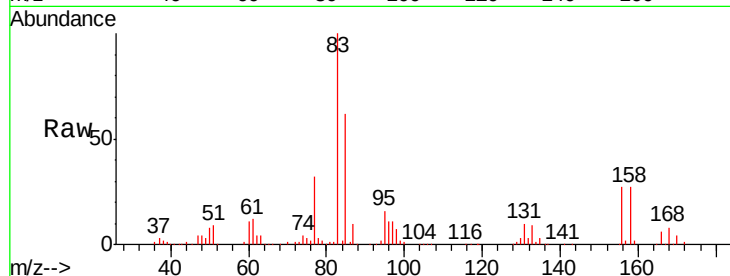
Tgt Ion: 83 Resp: 69107

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

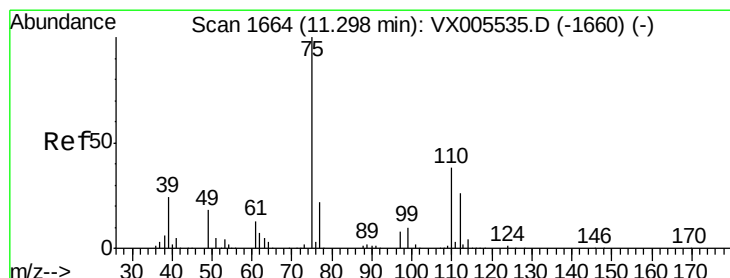
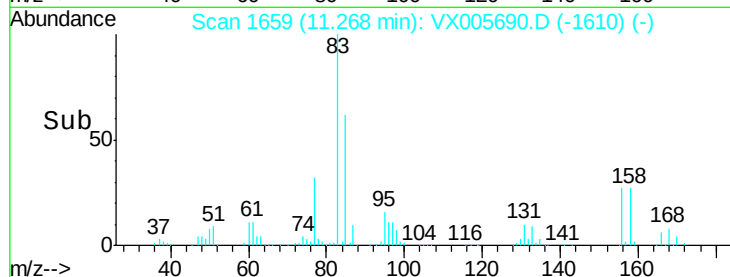
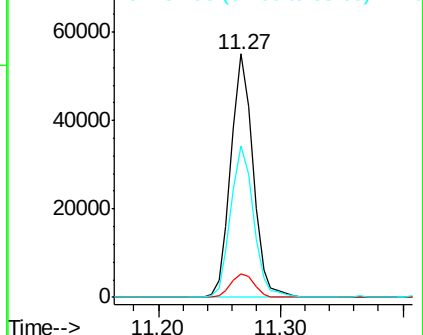
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.22 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005690.D

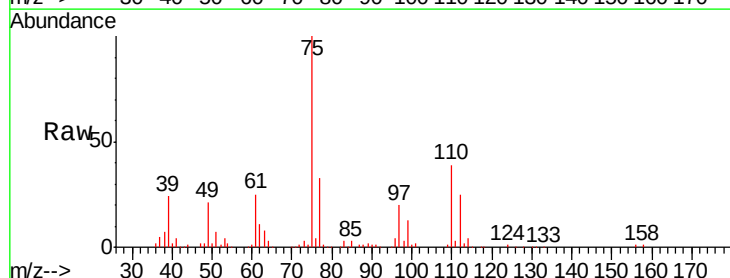
Acq: 30 Oct 2018 14:34

Tgt Ion: 75 Resp: 79840

Ion Ratio Lower Upper

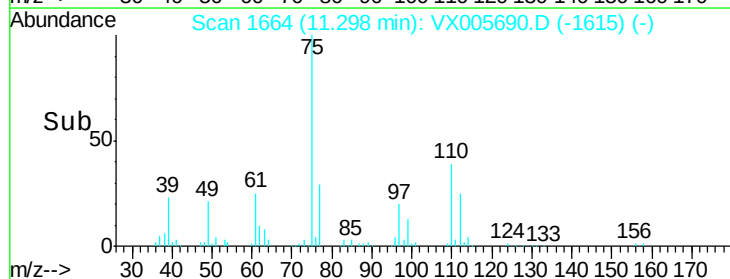
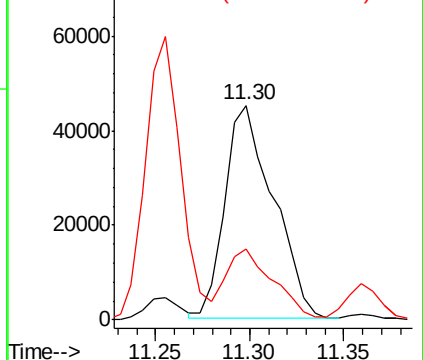
75 100

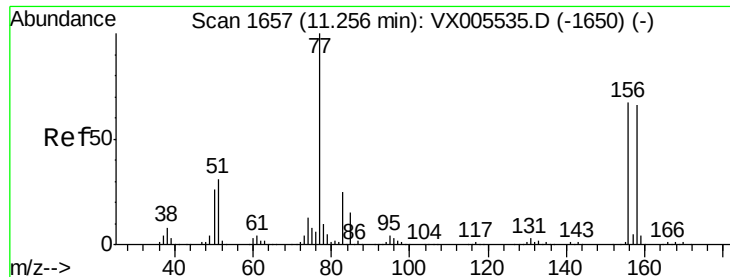
77 32.5 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.74 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

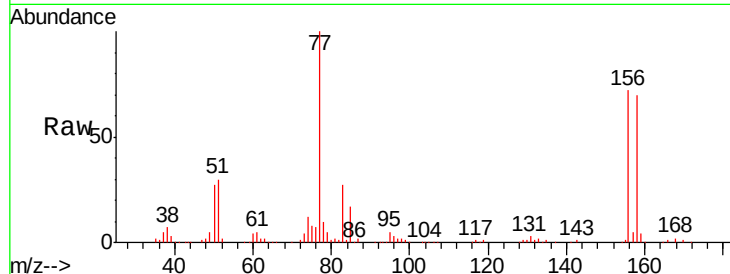
Tgt Ion:156 Resp: 54972

Ion Ratio Lower Upper

156 100

77 143.3 74.8 224.4

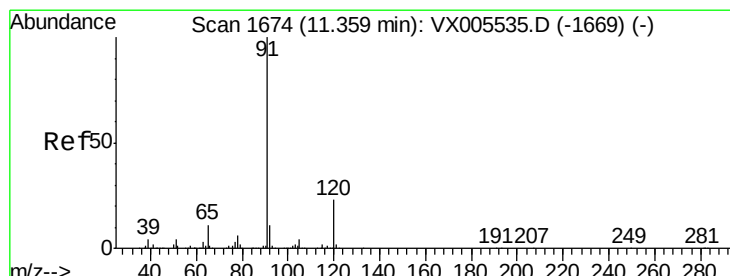
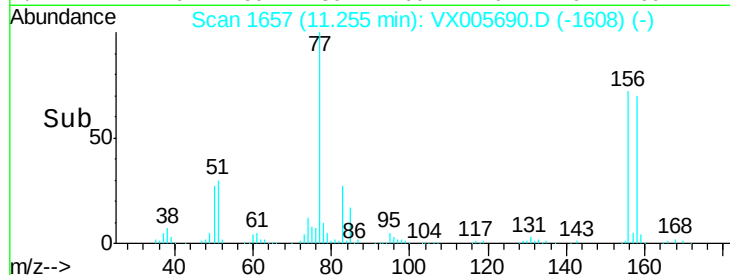
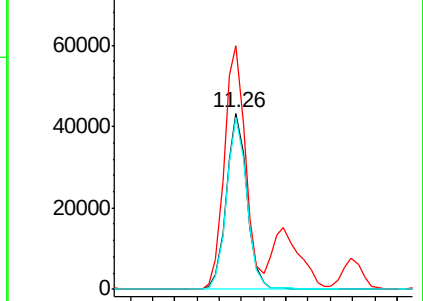
158 96.9 49.1 147.3



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: 21.01 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005690.D

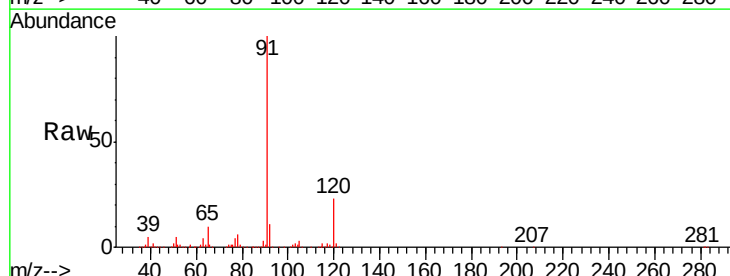
Acq: 30 Oct 2018 14:34

Tgt Ion: 91 Resp: 228462

Ion Ratio Lower Upper

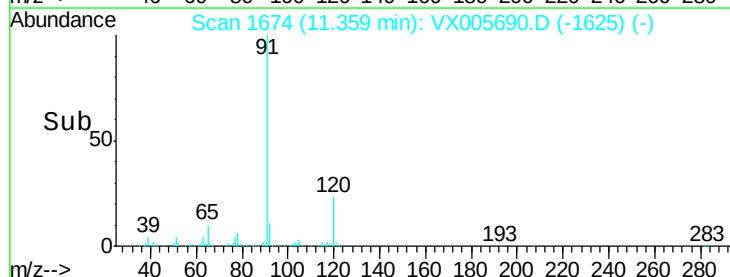
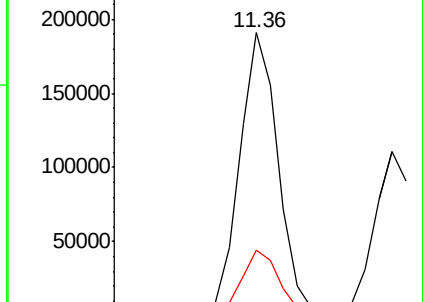
91 100

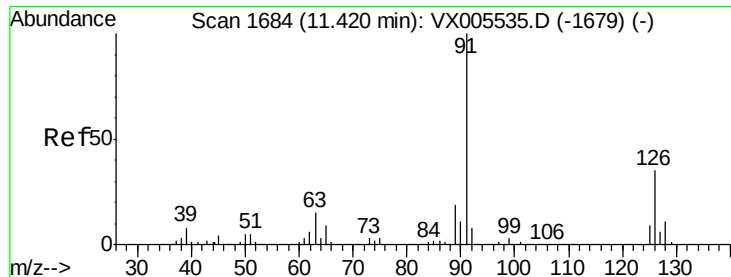
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.39 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

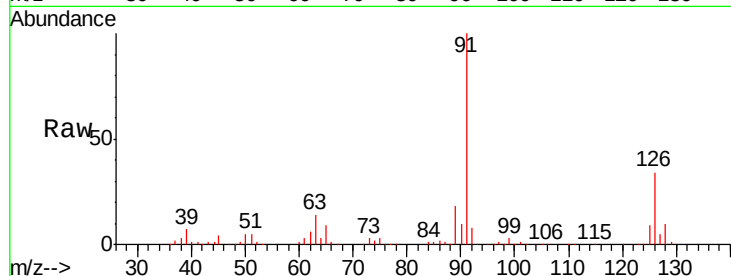
VX1030WBSD01

Tgt Ion: 91 Resp: 137509

Ion Ratio Lower Upper

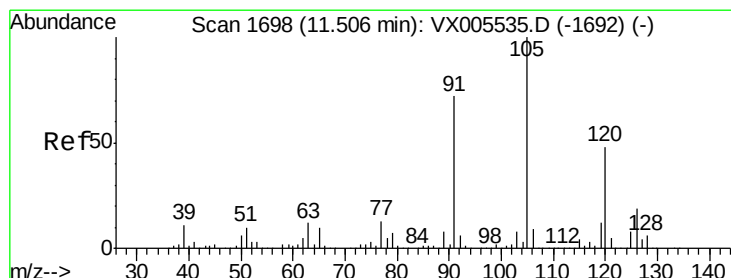
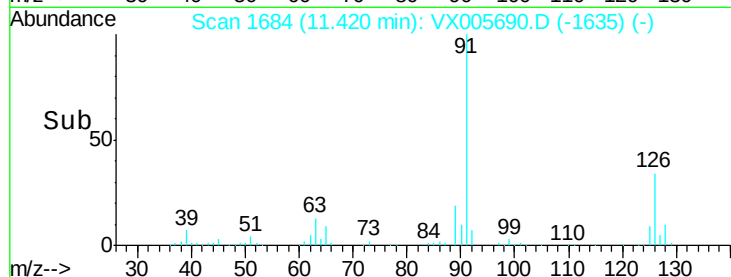
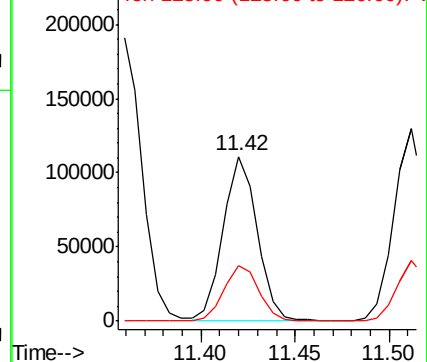
91 100

126 34.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.94 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005690.D

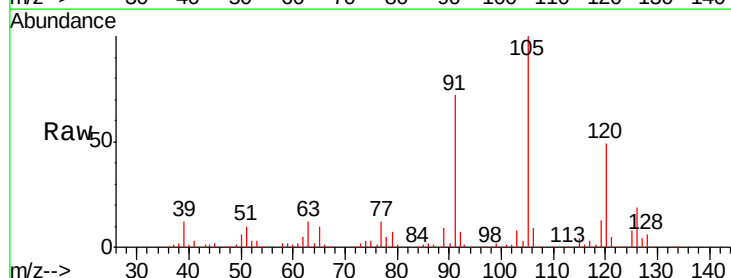
Acq: 30 Oct 2018 14:34

Tgt Ion: 105 Resp: 170381

Ion Ratio Lower Upper

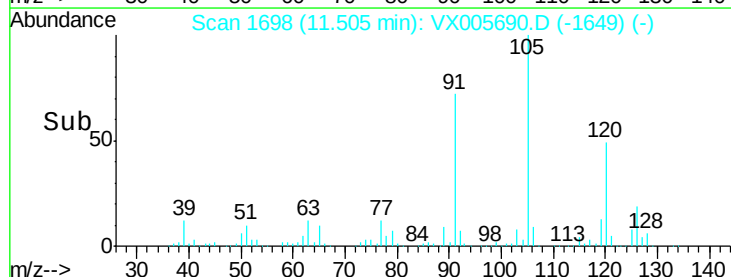
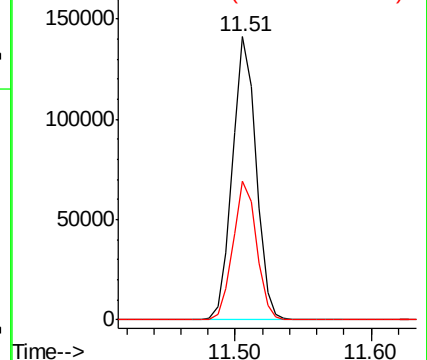
105 100

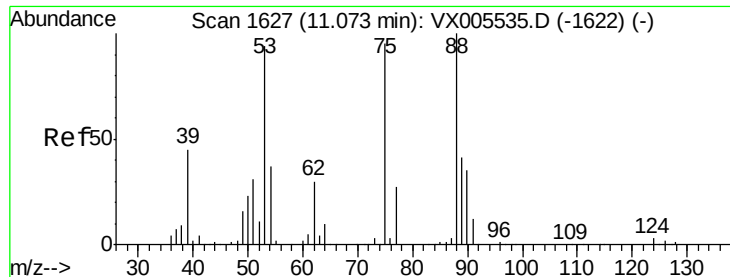
120 48.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.03 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

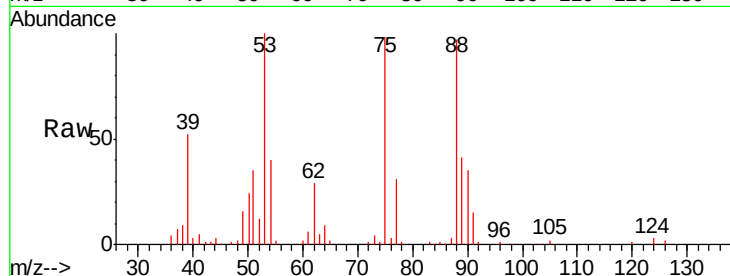
Tgt Ion: 75 Resp: 20208

Ion Ratio Lower Upper

75 100

53 100.8 80.2 120.2

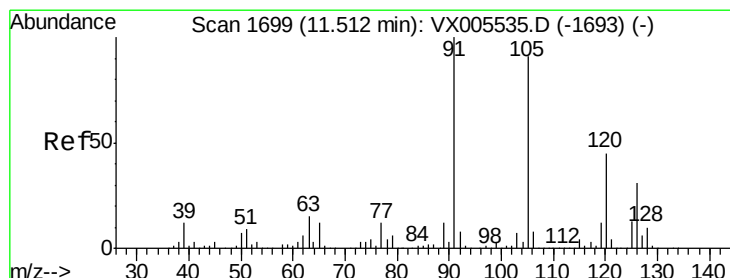
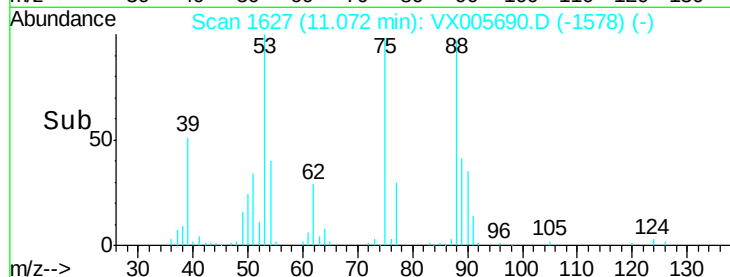
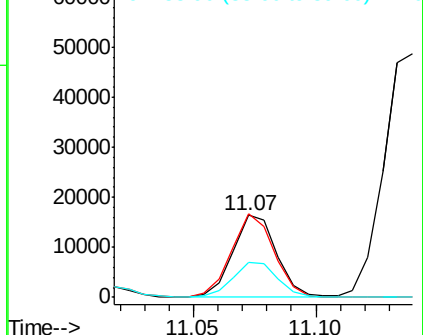
89 44.1 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.31 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005690.D

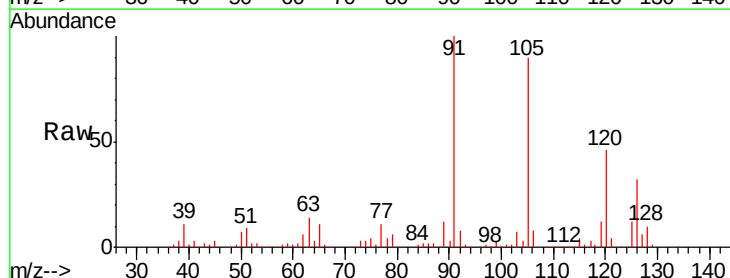
Acq: 30 Oct 2018 14:34

Tgt Ion: 91 Resp: 161514

Ion Ratio Lower Upper

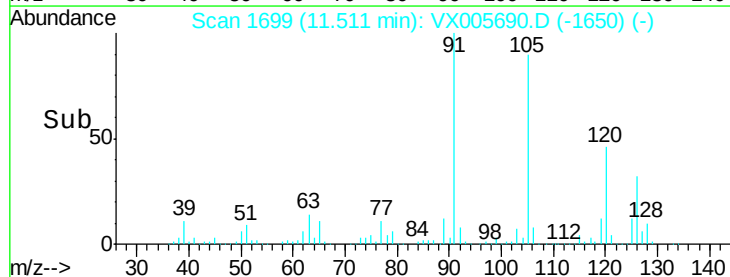
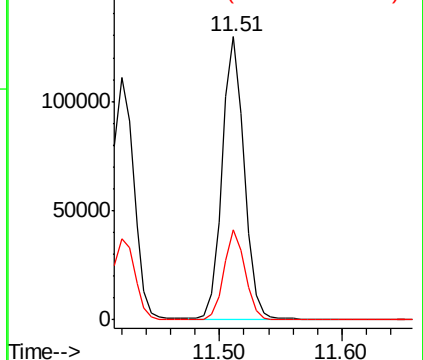
91 100

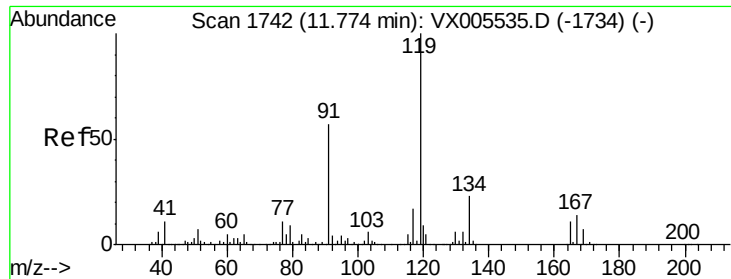
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

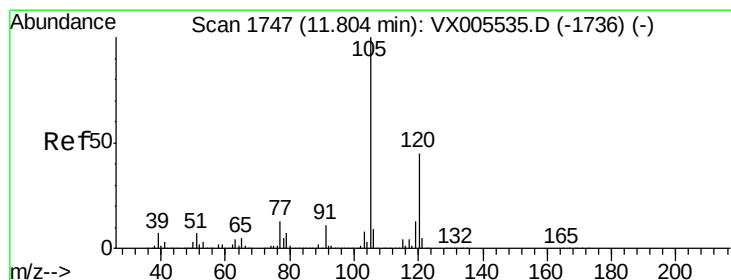
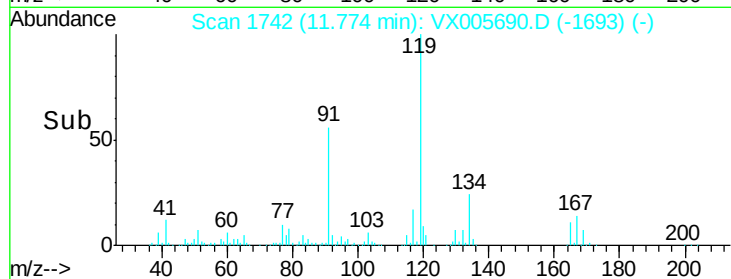
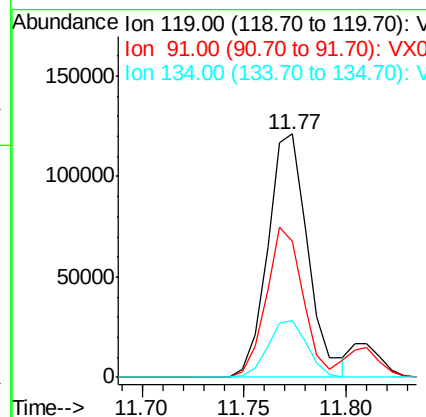
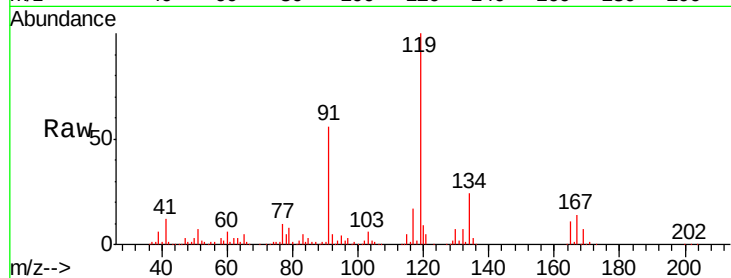




#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

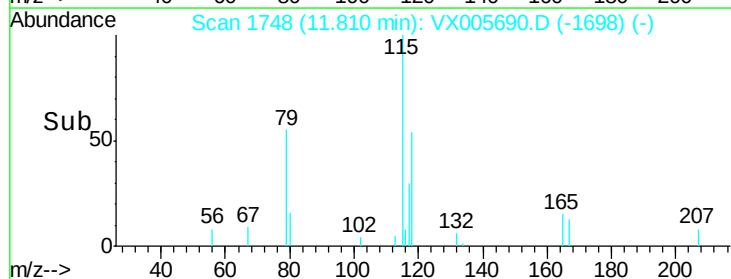
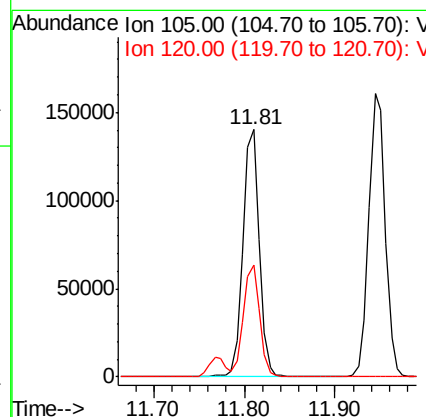
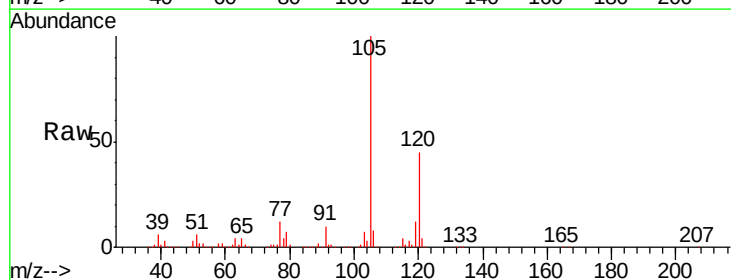
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

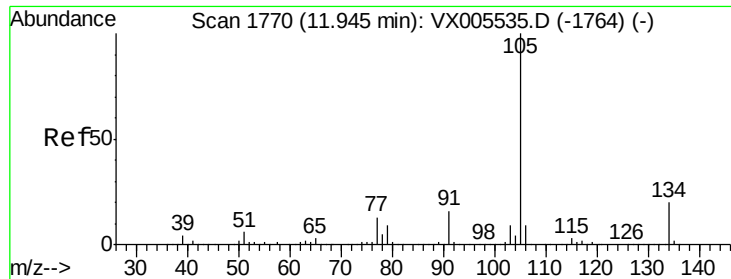
Tgt Ion:119 Resp: 165767
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.5 85.5
 134 23.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.26 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion:105 Resp: 175285
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.0

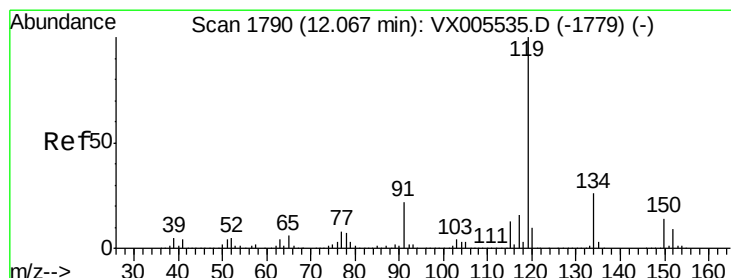
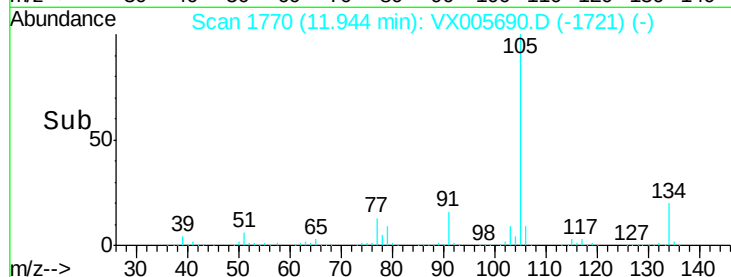
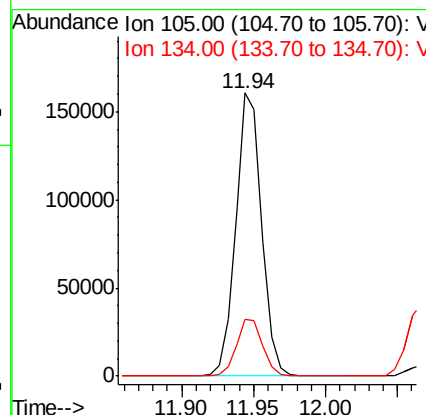
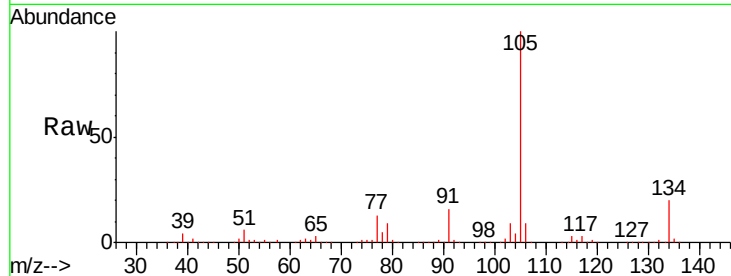




#85
 sec-Butylbenzene
 Concen: 20.84 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

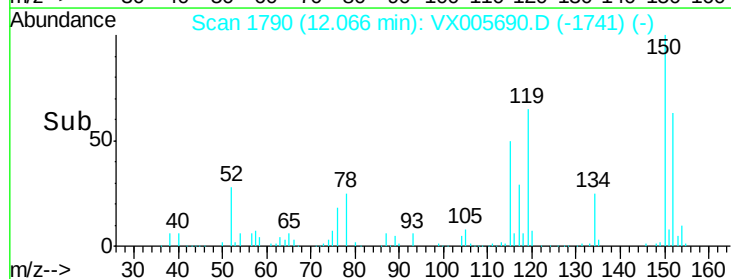
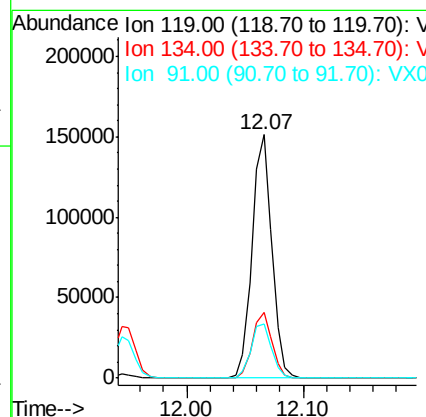
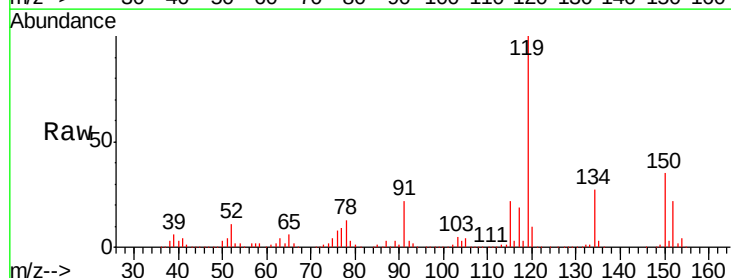
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

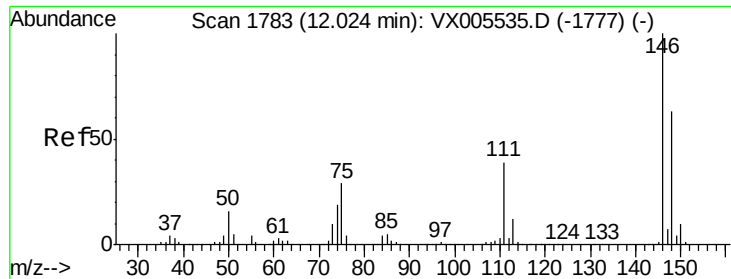
Tgt Ion:105 Resp: 201683
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.73 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion:119 Resp: 179355
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 23.6 11.4 34.2

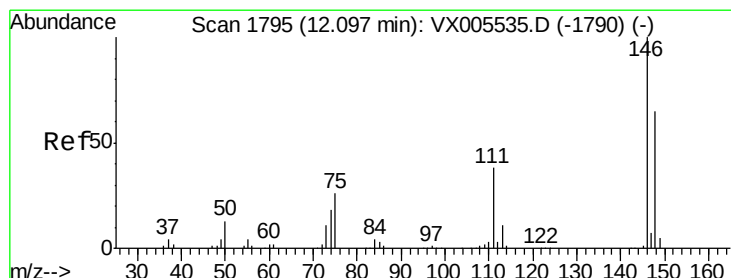
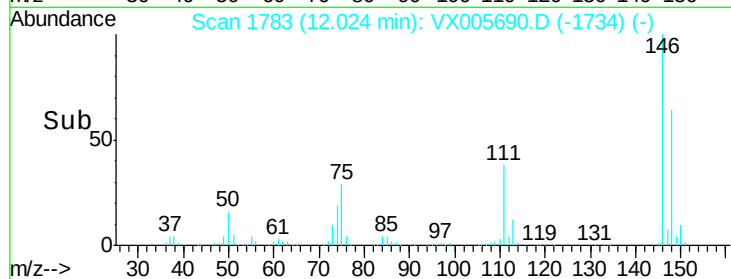
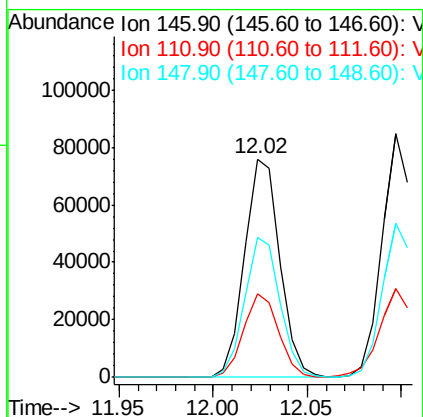
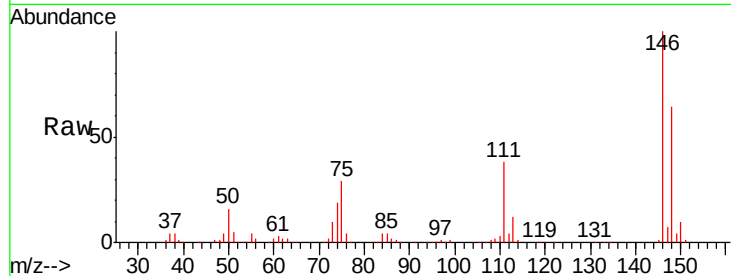




#87
 1,3-Dichlorobenzene
 Concen: 19.91 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

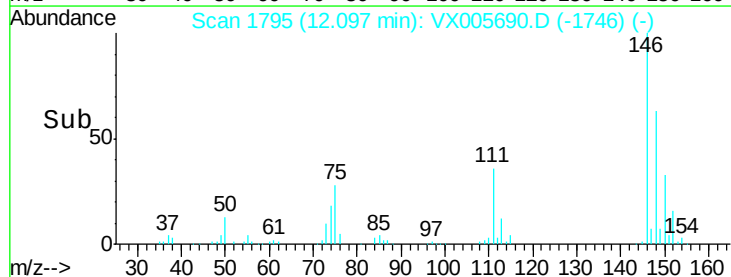
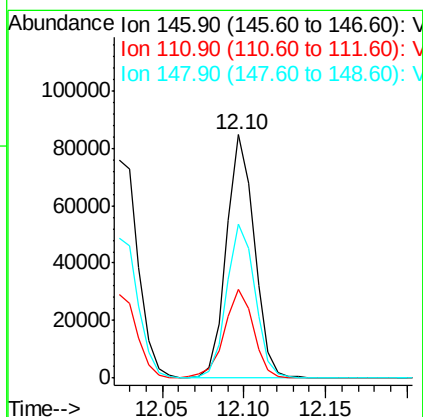
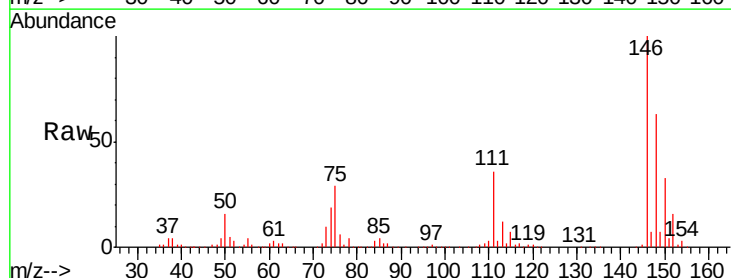
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

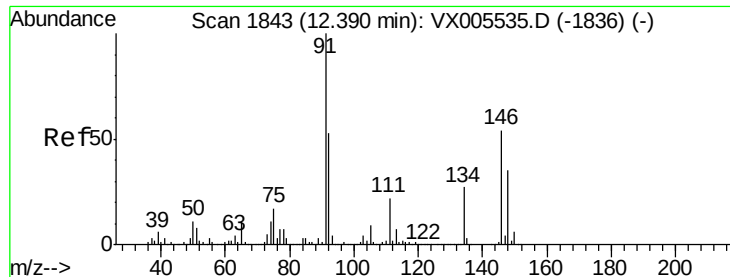
Tgt Ion:146 Resp: 99223
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion:146 Resp: 100873
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 55.8
 148 64.8 32.1 96.3

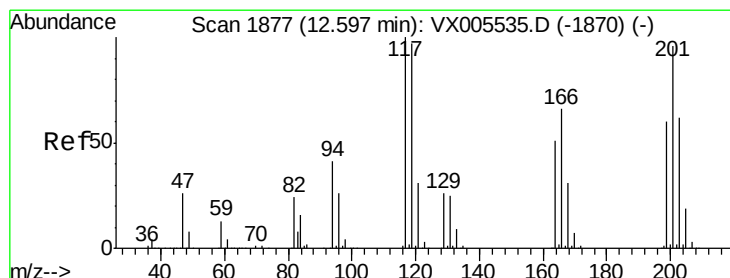
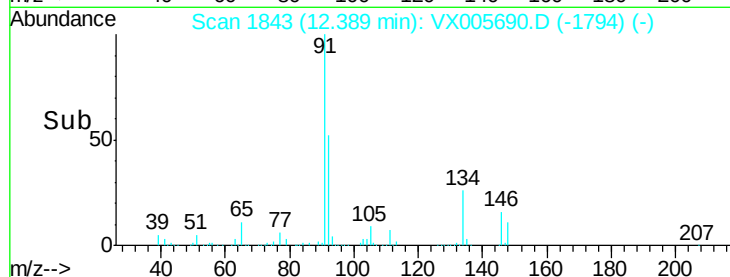
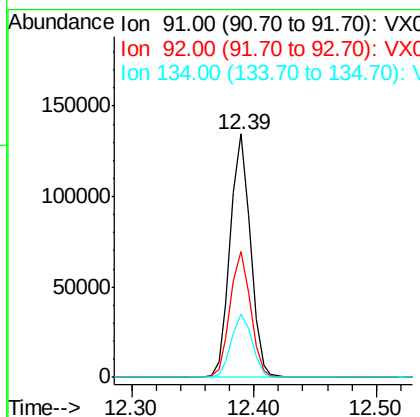
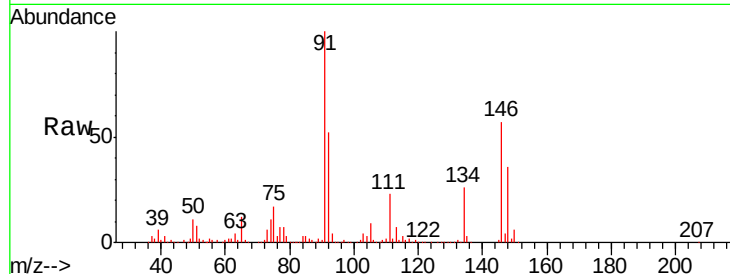




#89
n-Butylbenzene
Concen: 19.67 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

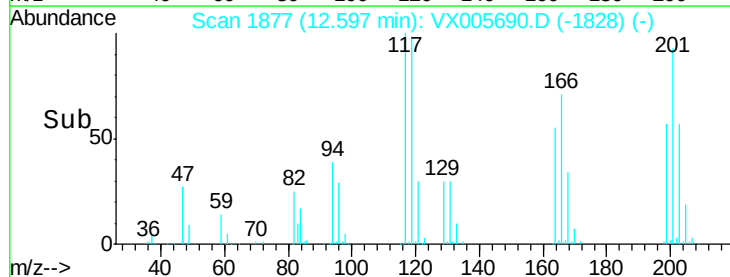
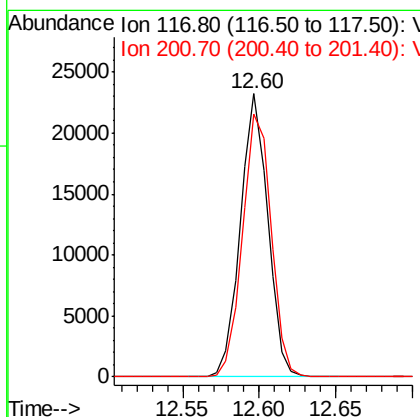
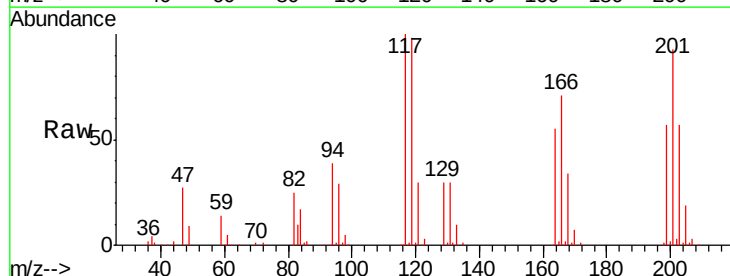
Instrument :
MSVOA_X
ClientSampled :
VX1030WBSD01

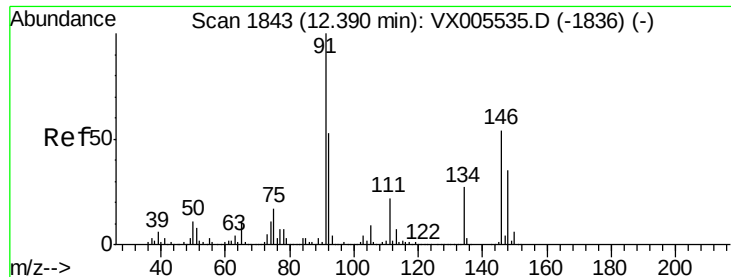
Tgt Ion: 91 Resp: 153632
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.2
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 19.31 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005690.D
Acq: 30 Oct 2018 14:34

Tgt Ion: 117 Resp: 28810
Ion Ratio Lower Upper
117 100
201 97.3 47.9 143.6

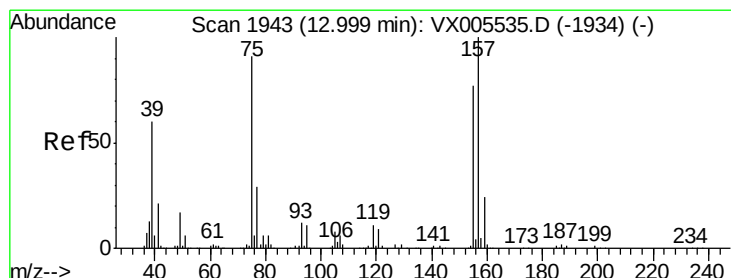
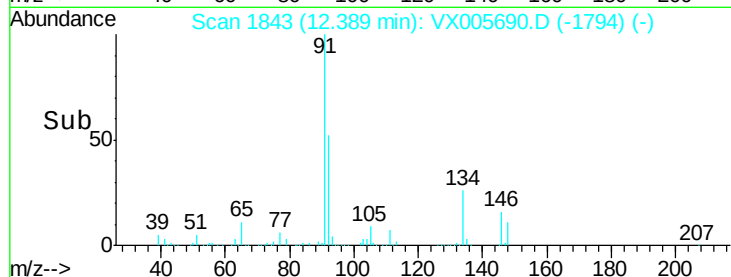
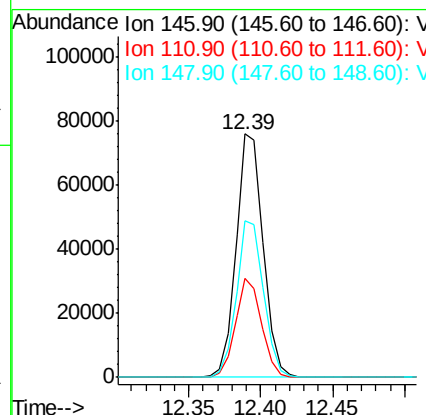
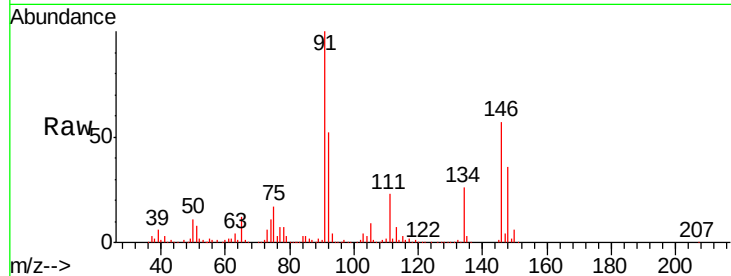




#91
 1,2-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

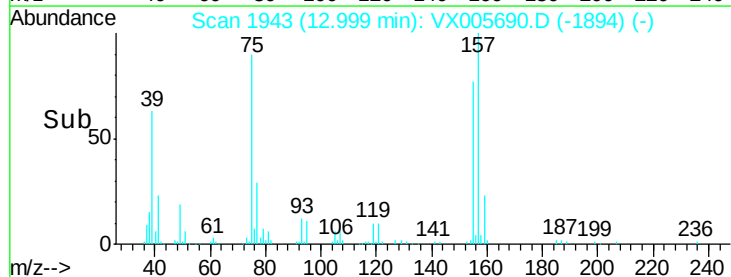
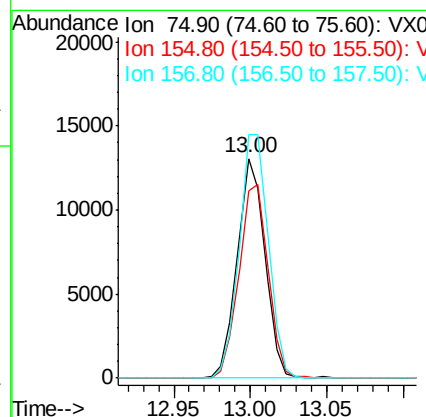
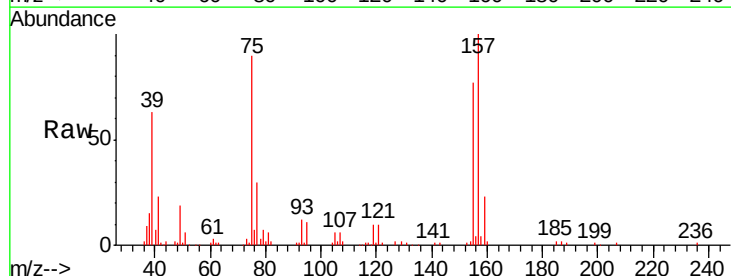
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

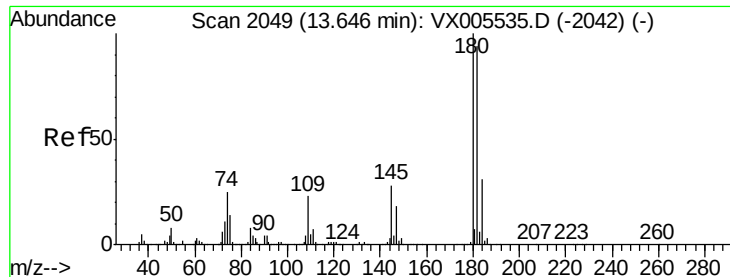
Tgt Ion:146 Resp: 100014
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.44 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion: 75 Resp: 16490
 Ion Ratio Lower Upper
 75 100
 155 92.0 45.4 136.1
 157 116.3 57.4 172.0

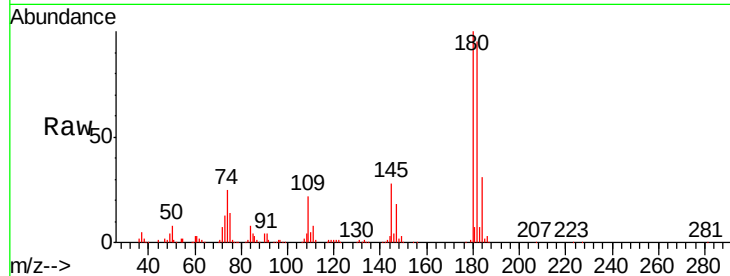




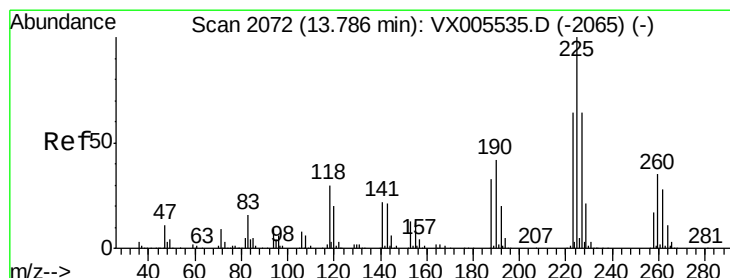
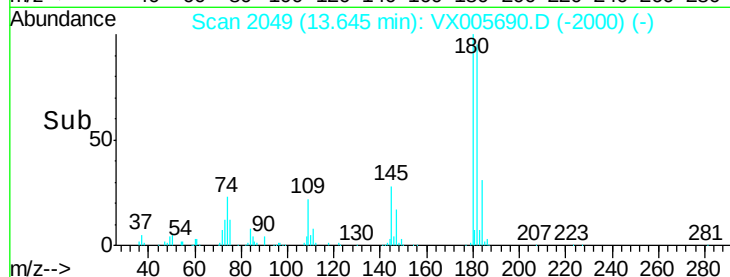
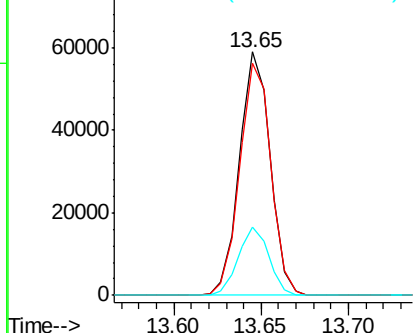
#93
 1,2,4-Trichlorobenzene
 Concen: 19.68 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Tgt Ion:180 Resp: 71934
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.8
 145 27.9 14.1 42.2

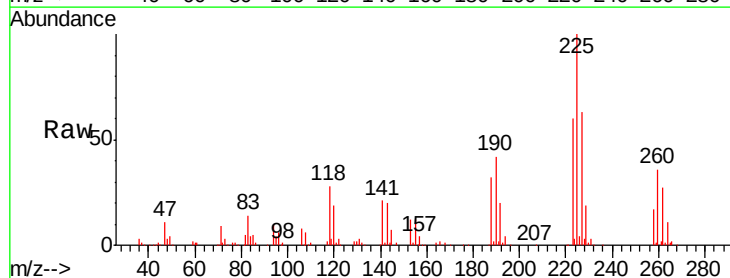


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

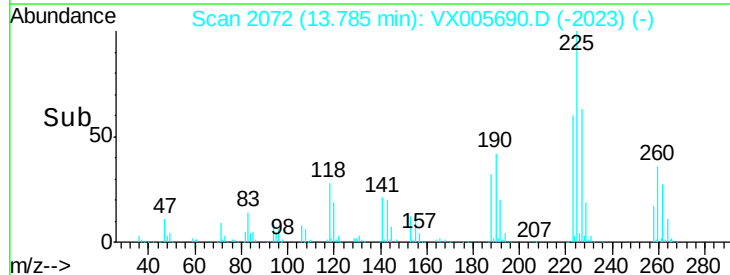
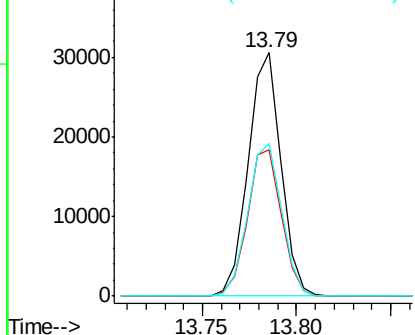


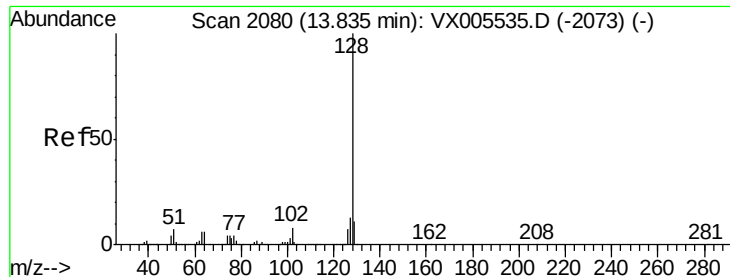
#94
 Hexachlorobutadiene
 Concen: 19.41 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005690.D
 Acq: 30 Oct 2018 14:34

Tgt Ion:225 Resp: 36769
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.7 95.1
 227 65.0 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: 20.59 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

VX1030WBSD01

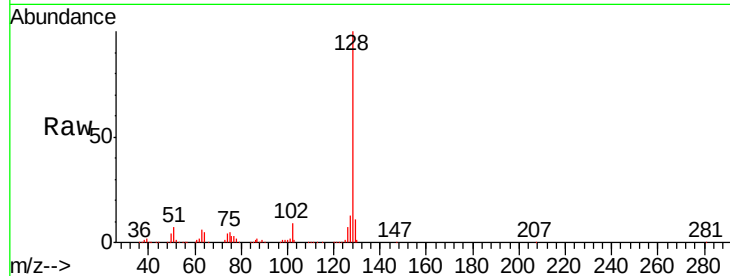
Tgt Ion:128 Resp: 218776

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

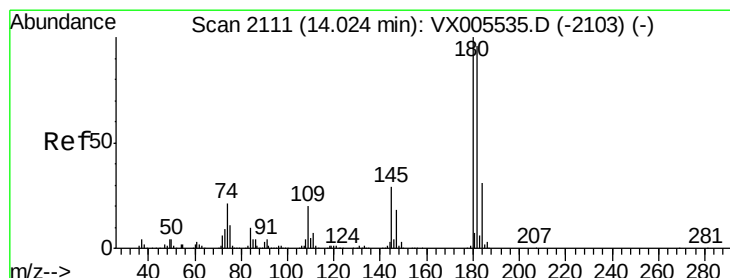
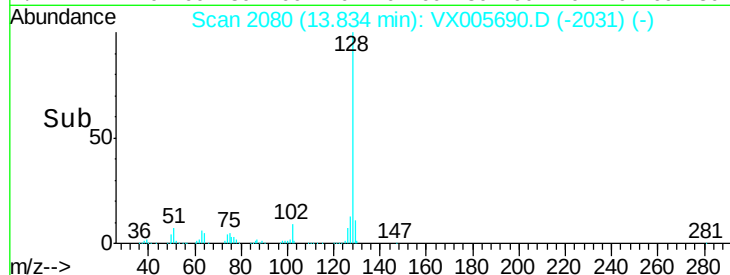
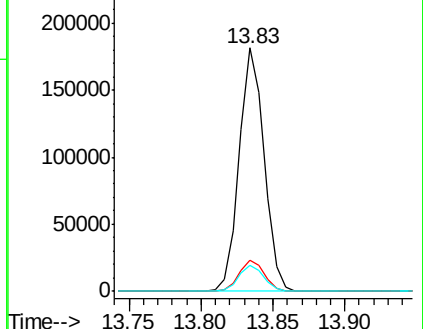
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.49 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005690.D

Acq: 30 Oct 2018 14:34

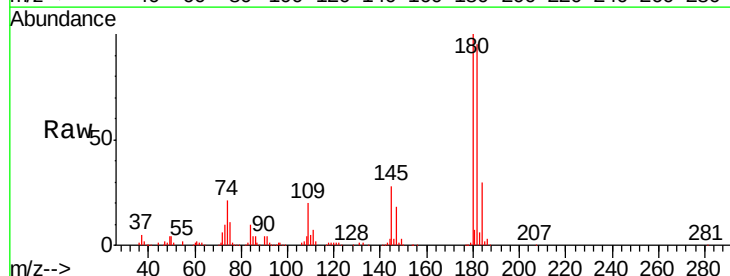
Tgt Ion:180 Resp: 75914

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 29.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

