

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003777.D
 Acq On : 01 Aug 2018 04:19
 Operator : JC/SP
 Sample : J4143-02MS
 Misc : 9.53G/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Quant Time: Aug 01 06:46:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	75587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	110886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	85971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	32908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	40882	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.51	113	37326	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
50) Toluene-d8	8.72	98	144706	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.14	95	39229	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32149	50.39	ug/l	96
3) Chloromethane	1.32	50	40815	50.89	ug/l	100
4) Vinyl Chloride	1.40	62	40694	47.17	ug/l	# 89
5) Bromomethane	1.64	94	24901	53.05	ug/l	96
6) Chloroethane	1.73	64	30758	53.92	ug/l	93
7) Trichlorofluoromethane	1.93	101	57216	50.58	ug/l	96
8) Diethyl Ether	2.19	74	25629	59.95	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36127	50.35	ug/l	99
10) Methyl Iodide	2.51	142	29556	35.83	ug/l	99
11) Tert butyl alcohol	3.07	59	25455	205.64	ug/l	99
12) 1,1-Dichloroethene	2.38	96	33495	49.58	ug/l	93
14) Allyl chloride	2.73	41	47578	39.73	ug/l	96
15) Acrylonitrile	3.15	53	71724	227.84	ug/l	99
16) Acetone	2.45	43	76620	262.39	ug/l	96
17) Carbon Disulfide	2.57	76	75426	34.31	ug/l	99
18) Methyl Acetate	2.78	43	101436	123.61	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	124740	67.83	ug/l	98
20) Methylene Chloride	2.86	84	44369	58.22	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	34274	46.30	ug/l	97
22) Diisopropyl ether	3.87	45	136006	62.91	ug/l	97
23) Vinyl Acetate	3.83	43	50179	32.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72898	57.82	ug/l	98
25) 2-Butanone	4.70	43	103071	242.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41960	42.26	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	41479	51.99	ug/l	99
28) Bromochloromethane	5.03	49	30149	53.31	ug/l	97
29) Tetrahydrofuran	5.15	42	64025	236.01	ug/l	99
30) Chloroform	5.22	83	77183	62.12	ug/l	95
31) Cyclohexane	5.57	56	54314	44.60	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57669	54.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	47308	45.56	ug/l	98
37) Ethyl Acetate	4.85	43	27930	35.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	46065	47.96	ug/l	93
39) Methylcyclohexane	7.46	83	42361	33.23	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	159290	53.53	ug/l	97
41) Methacrylonitrile	5.06	41	23632	52.56	ug/l	99
42) 1,2-Dichloroethane	6.20	62	49473	55.04	ug/l	99
43) Isopropyl Acetate	6.46	43	60778	47.82	ug/l	99
44) Trichloroethene	7.21	130	38125	44.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	43443	59.36	ug/l	91
46) Dibromomethane	7.67	93	21818	51.74	ug/l	98
47) Bromodichloromethane	7.90	83	47499	56.52	ug/l	97
48) Methyl methacrylate	7.77	41	37027	58.08	ug/l	99
49) 1,4-Dioxane	7.75	88	10559	820.61	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	206651	264.57	ug/l	98
52) Toluene	8.79	92	105543	56.86	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	47201	49.18	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	50729	47.42	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	41010	64.19	ug/l	97
56) Ethyl methacrylate	9.18	69	45616	51.98	ug/l	95
57) 1,3-Dichloropropane	9.37	76	62517	58.29	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	115455	246.76	ug/l	100
59) 2-Hexanone	9.49	43	136934	230.12	ug/l	98
60) Dibromochloromethane	9.59	129	34439	53.53	ug/l	98
61) 1,2-Dibromoethane	9.68	107	32547	49.90	ug/l	99
64) Tetrachloroethene	9.34	164	41504	61.42	ug/l	89
65) Chlorobenzene	10.14	112	92331	51.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	35977	61.41	ug/l	99
67) Ethyl Benzene	10.26	91	156890	51.72	ug/l	99
68) m/p-Xylenes	10.36	106	118939	100.23	ug/l	98
69) o-Xylene	10.70	106	58840	53.40	ug/l	98
70) Stvrene	10.71	104	91558	49.39	ug/l	99
71) Bromoform	10.86	173	21784	54.08	ug/l	# 99
73) Isopropylbenzene	11.02	105	140206	68.06	ug/l	99
74) N-amyl acetate	6.46	43	60778	83.23	ug/l	# 57
75) 1,1,2,2-Tetrachloroethane	11.27	83	43087	80.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	43360	95.59	ug/l	82
77) Bromobenzene	11.26	156	37854	70.48	ug/l	97
78) n-propylbenzene	11.36	91	146619	58.75	ug/l	99
79) 2-Chlorotoluene	11.42	91	91733	64.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	107448	61.10	ug/l	# 68
81) trans-1,4-Dichloro-2-buten	11.08	75	8048	52.55	ug/l	93
82) 4-Chlorotoluene	11.51	91	103498	60.22	ug/l	100
83) tert-Butylbenzene	11.77	119	95964	55.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	109585	60.54	ug/l	98
85) sec-Butylbenzene	11.94	105	106050	47.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	94835	46.89	ug/l	# 71
87) 1,3-Dichlorobenzene	12.03	146	54489	50.15	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	55761	50.30	ug/l	99
89) n-Butylbenzene	12.39	91	70994	36.88	ug/l	99
90) Hexachloroethane	12.60	117	12465	41.51	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	54609	53.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6397	60.19	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	22685	28.26	ug/l	99

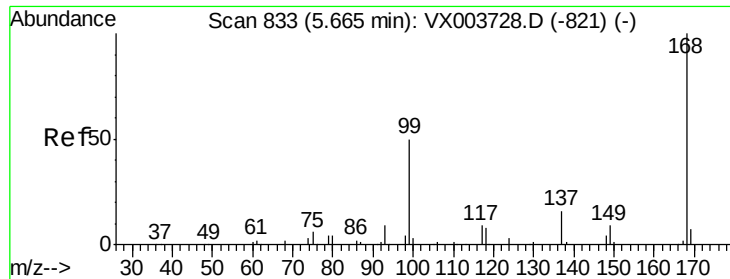
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	9677	18.85	ug/l	98
95) Naphthalene	13.83	128	116765	68.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	20555	28.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

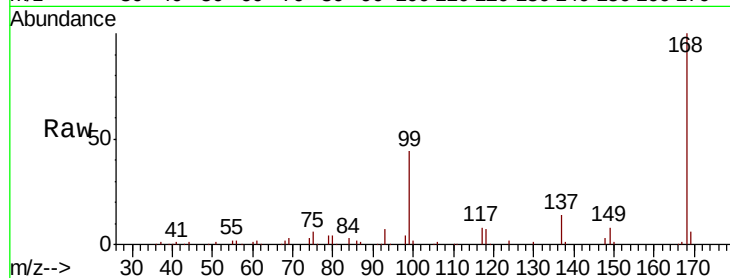
SB-1(3-5)MS

Tot Ion:168 Resp: 75587

Ion Ratio Lower Upper

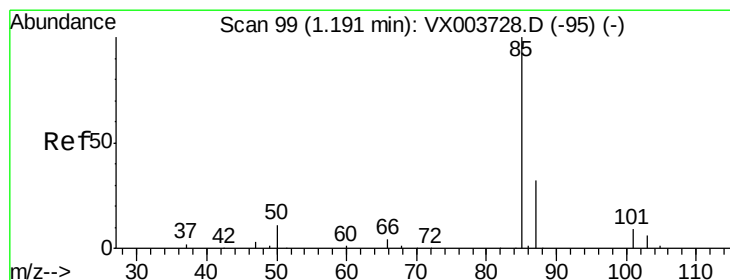
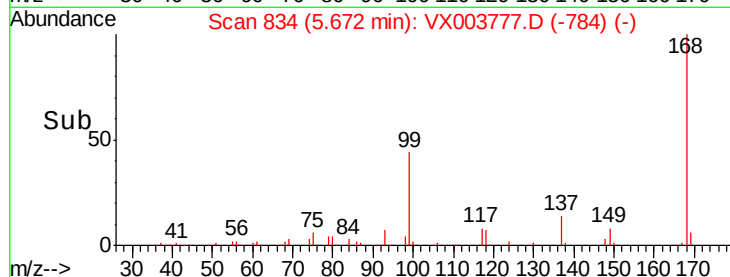
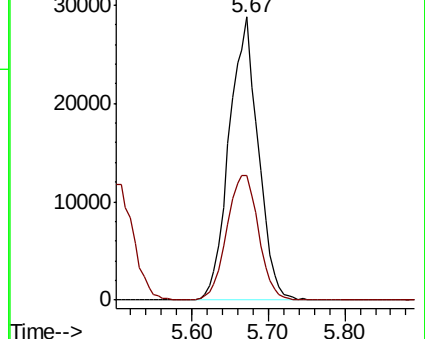
168 100

99 44.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003777.D

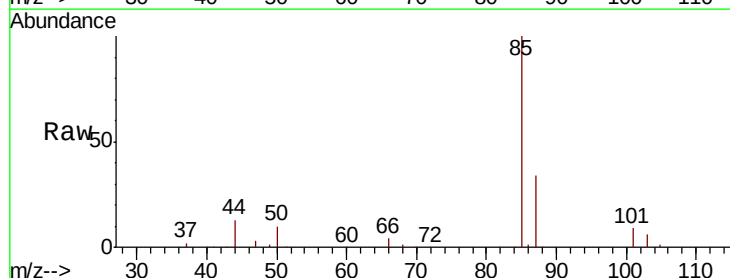
Acq: 01 Aug 2018 04:19

Tgt Ion: 85 Resp: 32149

Ion Ratio Lower Upper

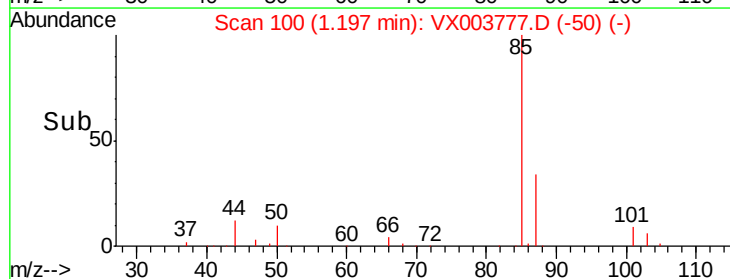
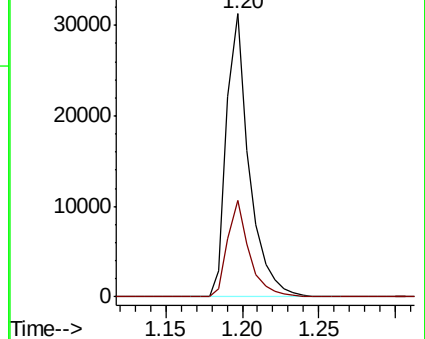
85 100

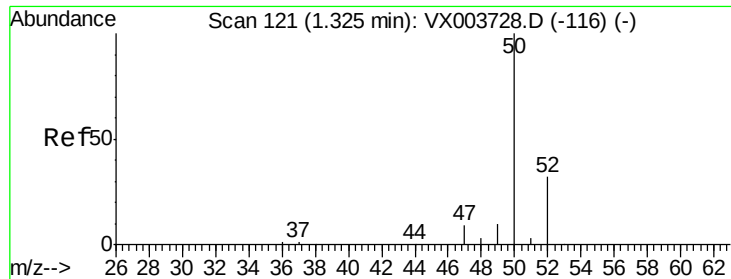
87 34.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

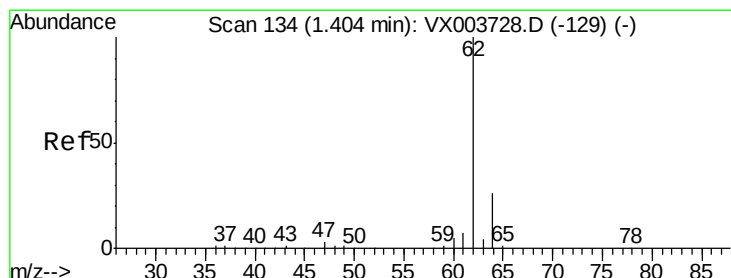
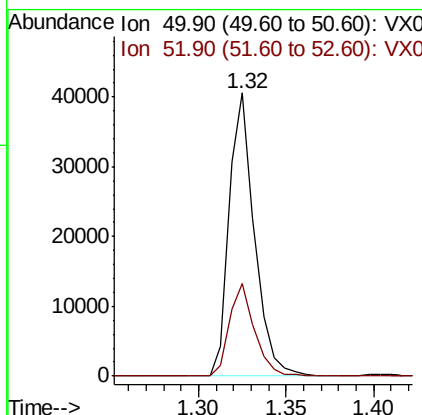
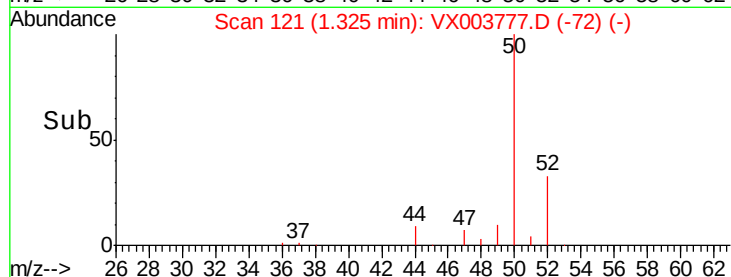
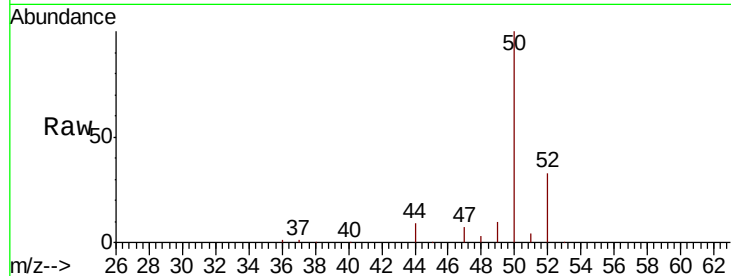




#3
 Chloromethane
 Concen: 50.89 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

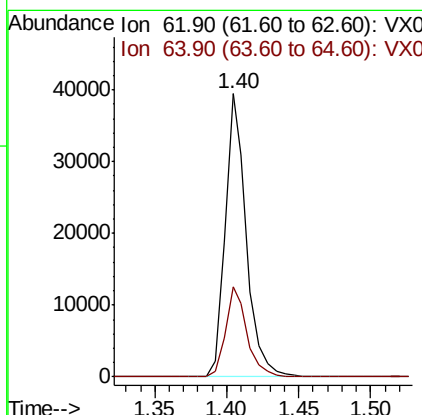
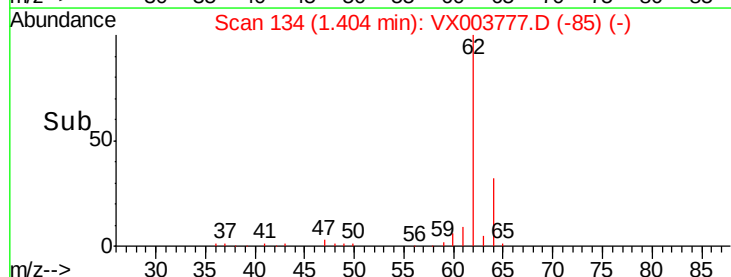
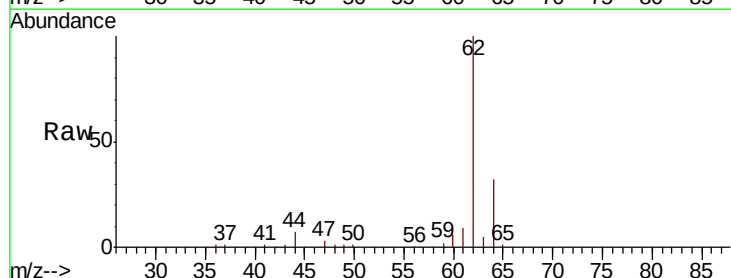
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

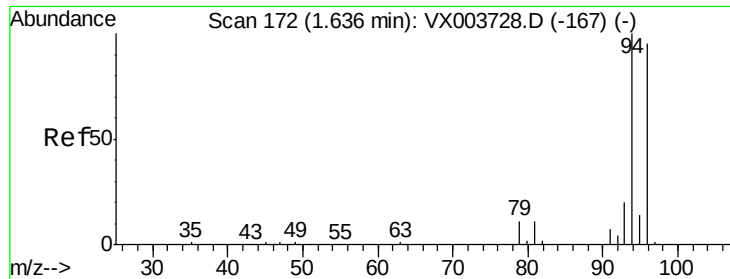
Tot Ion: 50 Resp: 40815
 Ion Ratio Lower Upper
 50 100
 52 32.5 25.9 38.9



#4
 Vinyl Chloride
 Concen: 47.17 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 62 Resp: 40694
 Ion Ratio Lower Upper
 62 100
 64 31.9 21.0 31.4#





#5

Bromomethane

Concen: 53.05 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

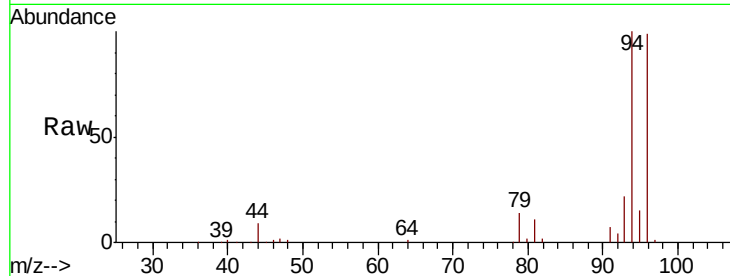
SB-1(3-5)MS

Tot Ion: 94 Resp: 24901

Ion Ratio Lower Upper

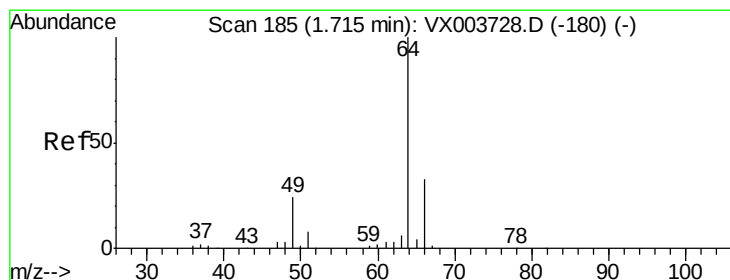
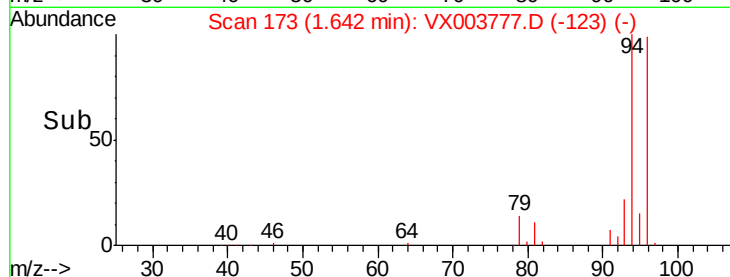
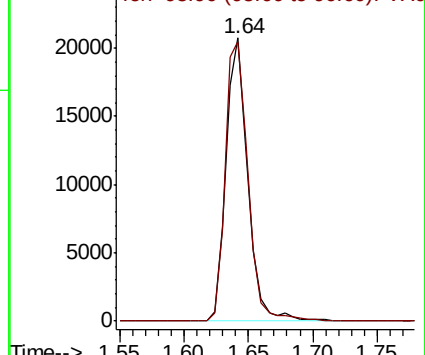
94 100

96 98.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.92 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003777.D

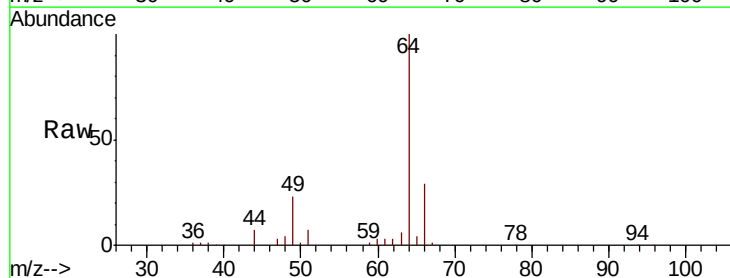
Acq: 01 Aug 2018 04:19

Tgt Ion: 64 Resp: 30758

Ion Ratio Lower Upper

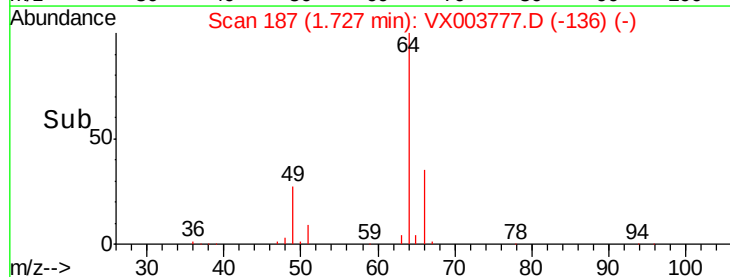
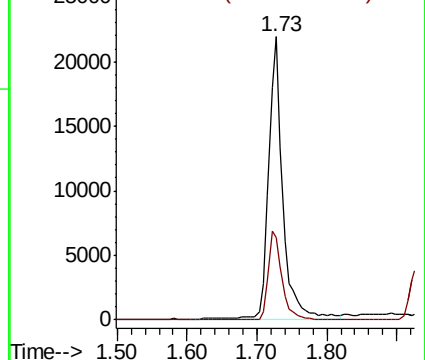
64 100

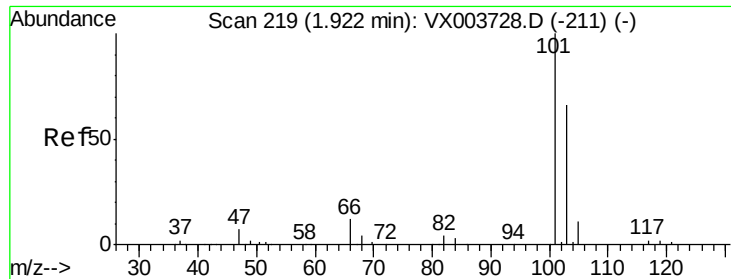
66 29.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



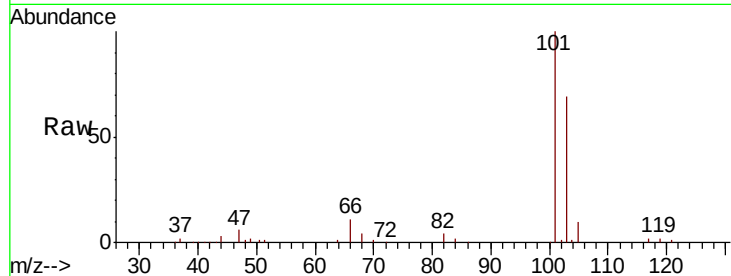


#7

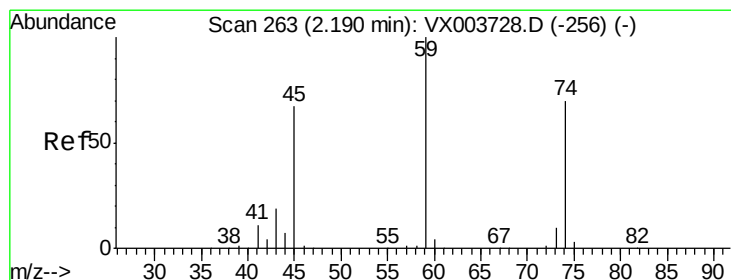
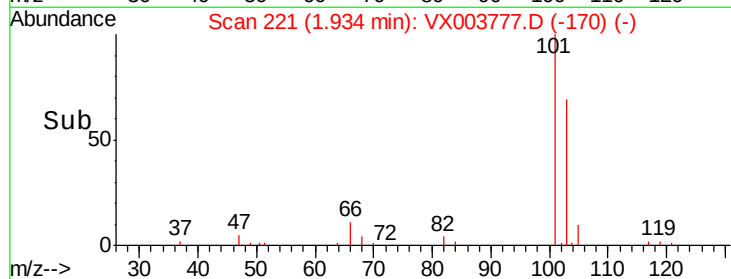
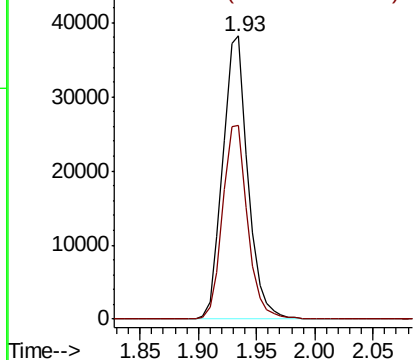
Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion:101 Resp: 57216
Ion Ratio Lower Upper
101 100
103 68.6 52.6 78.8



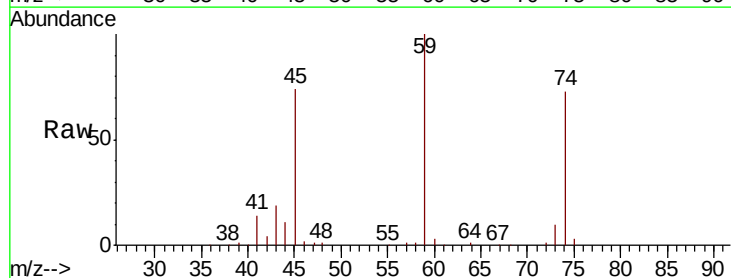
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



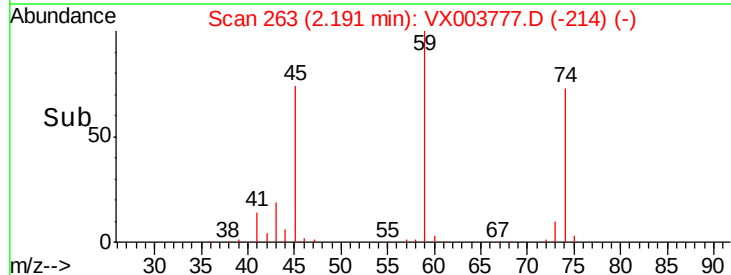
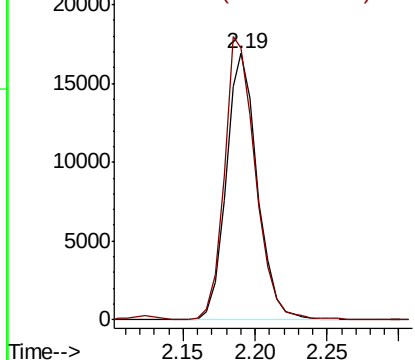
#8

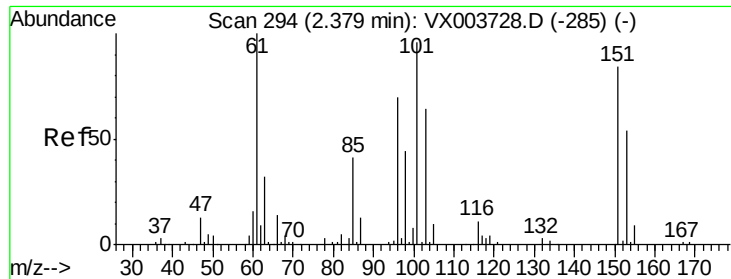
Diethyl Ether
Concen: 59.95 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 74 Resp: 25629
Ion Ratio Lower Upper
74 100
45 106.7 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

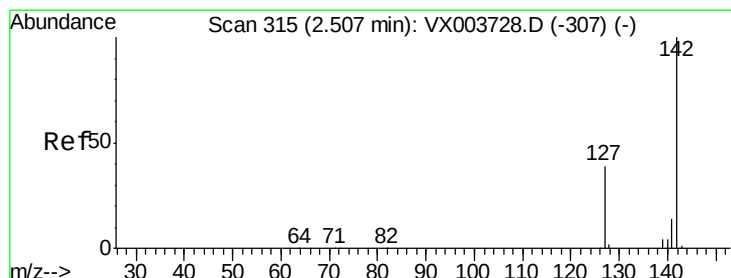
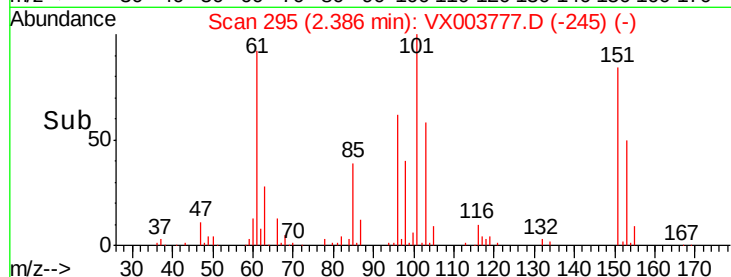
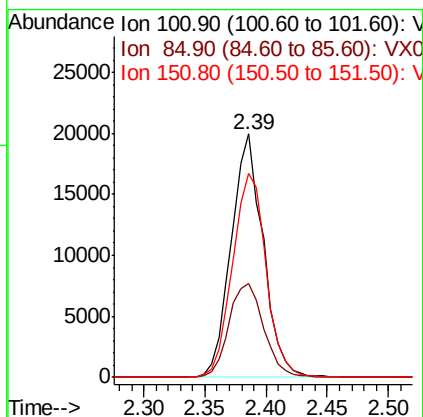
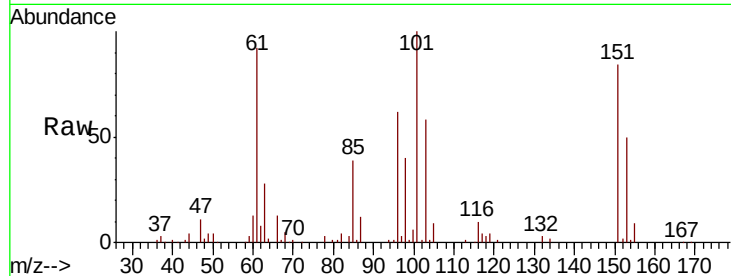




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.35 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

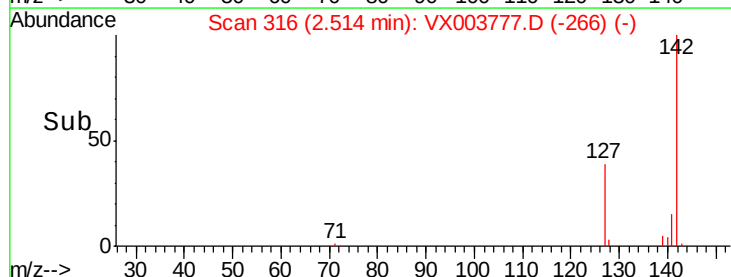
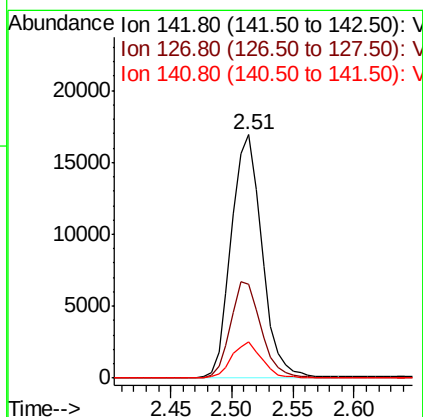
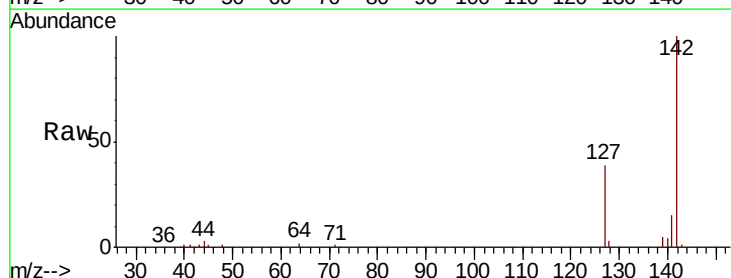
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

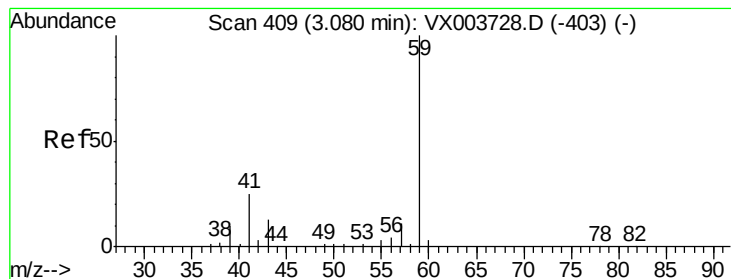
Tot Ion:101 Resp: 36127
 Ion Ratio Lower Upper
 101 100
 85 41.9 33.3 49.9
 151 87.7 68.8 103.2



#10
 Methyl Iodide
 Concen: 35.83 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion:142 Resp: 29556
 Ion Ratio Lower Upper
 142 100
 127 39.3 32.0 48.0
 141 14.3 11.3 16.9



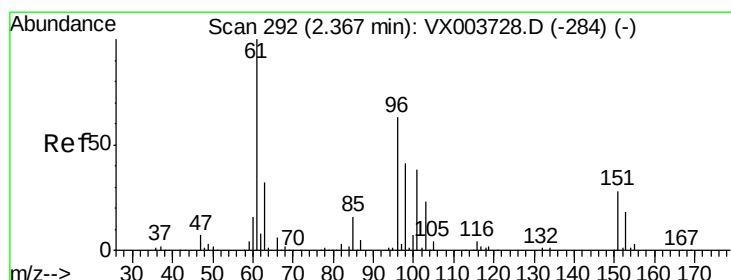
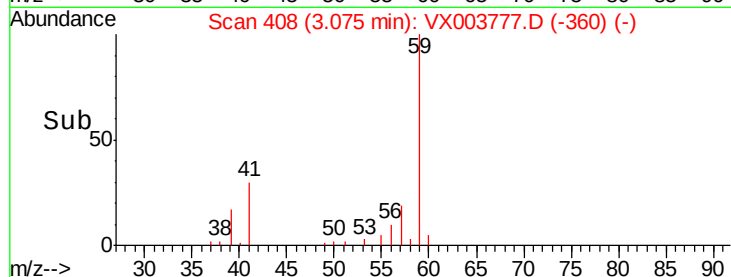
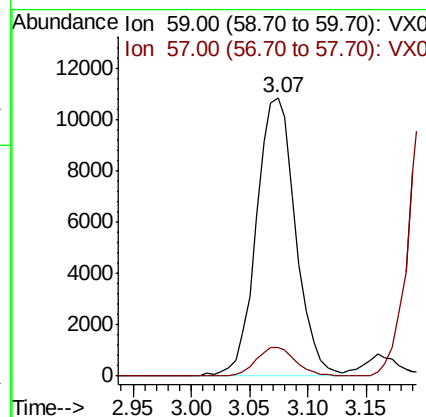
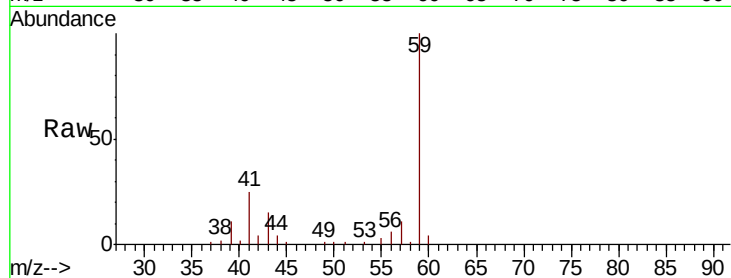


#11

Tert butyl alcohol
 Concen: 205.64 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

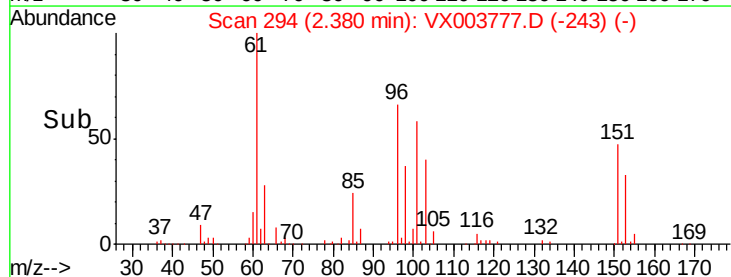
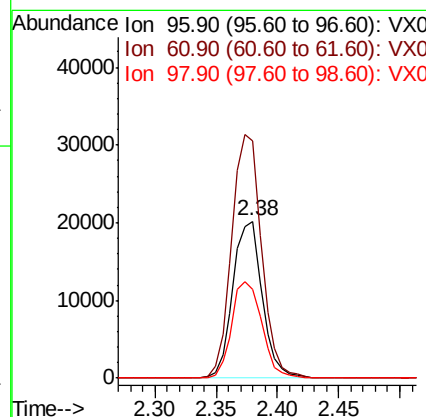
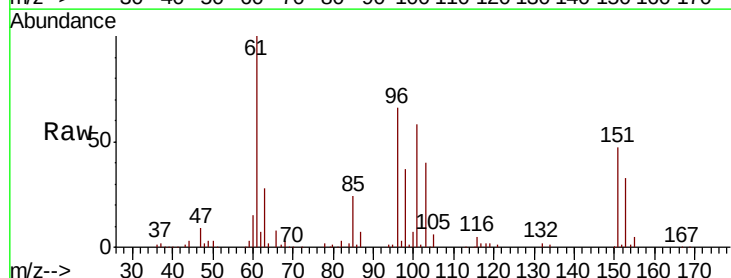
Tot Ion: 59 Resp: 25455
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

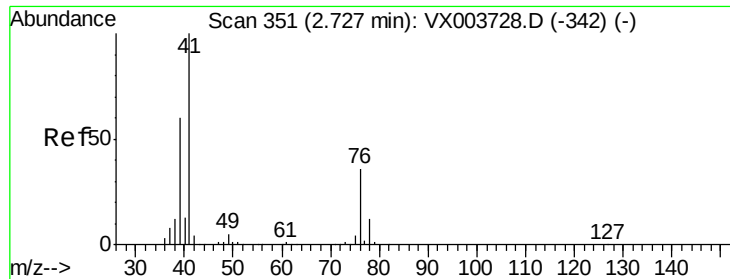


#12

1,1-Dichloroethene
 Concen: 49.58 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 96 Resp: 33495
 Ion Ratio Lower Upper
 96 100
 61 151.4 127.1 190.7
 98 56.3 52.0 78.0

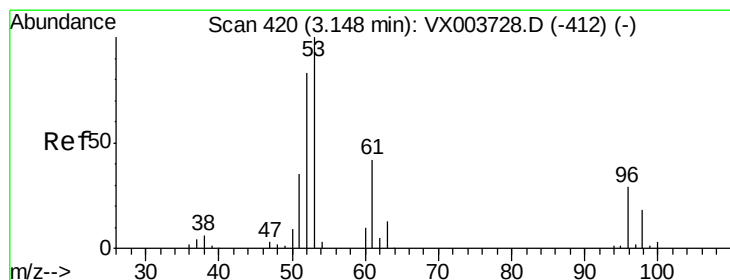
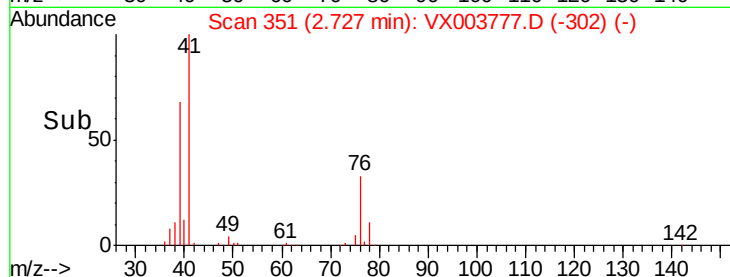
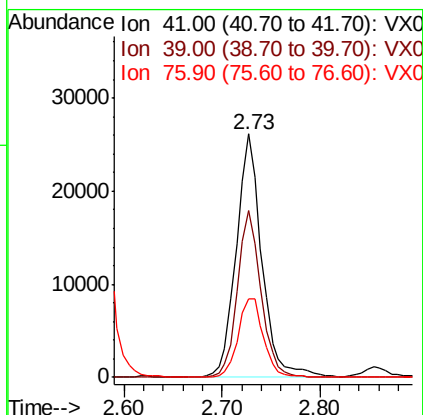
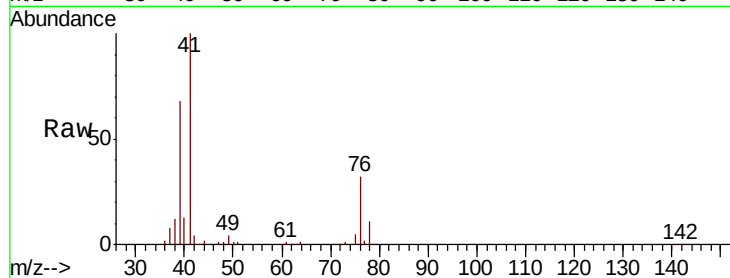




#14
Allvl chloride
Concen: 39.73 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

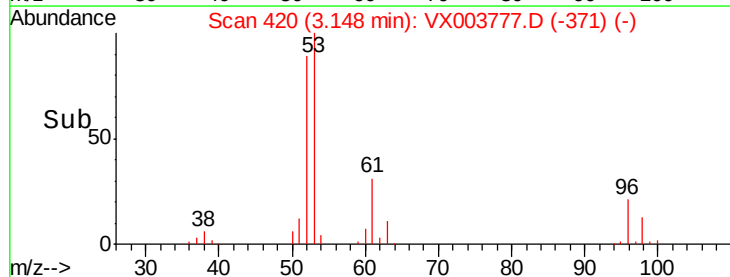
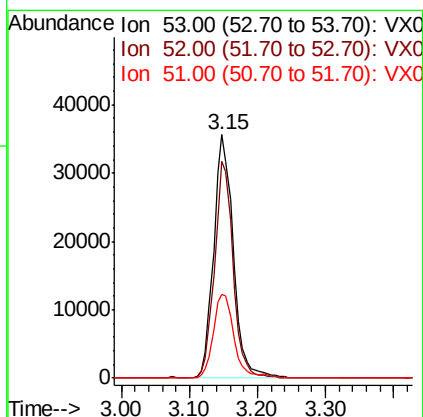
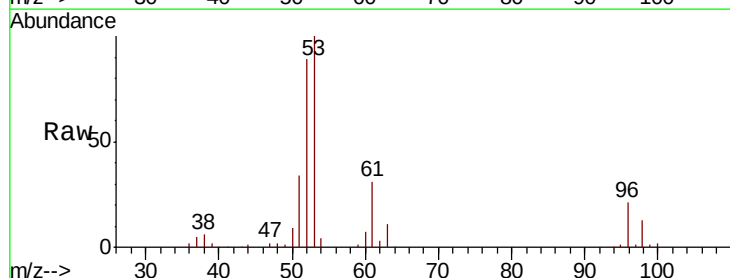
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

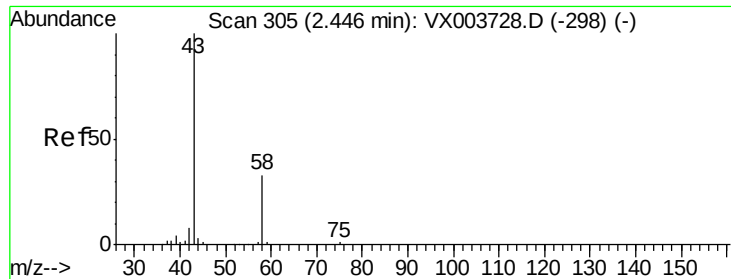
Tot Ion: 41 Resp: 47578
Ion Ratio Lower Upper
41 100
39 63.2 47.7 71.5
76 32.3 27.0 40.6



#15
Acrylonitrile
Concen: 227.84 ug/l
RT: 3.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 53 Resp: 71724
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 36.2 28.5 42.7





#16

Acetone

Concen: 262.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

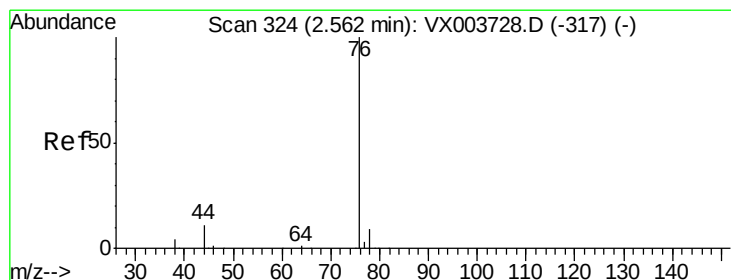
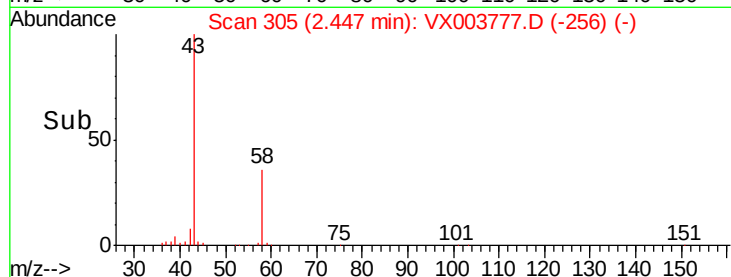
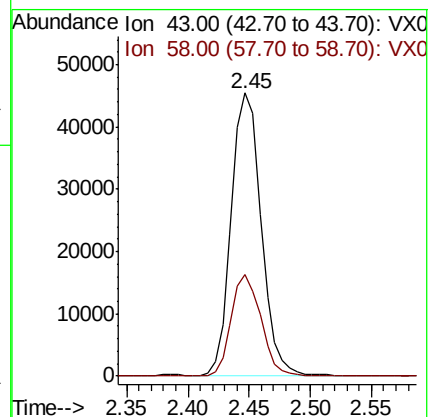
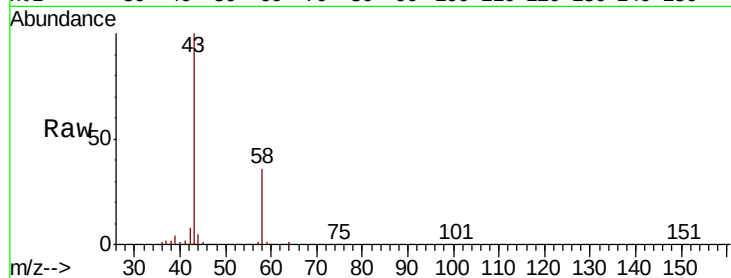
SB-1(3-5)MS

Tot Ion: 43 Resp: 76620

Ion Ratio Lower Upper

43 100

58 35.9 26.7 40.1



#17

Carbon Disulfide

Concen: 34.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003777.D

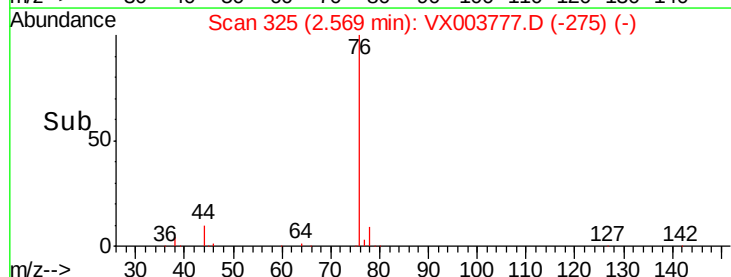
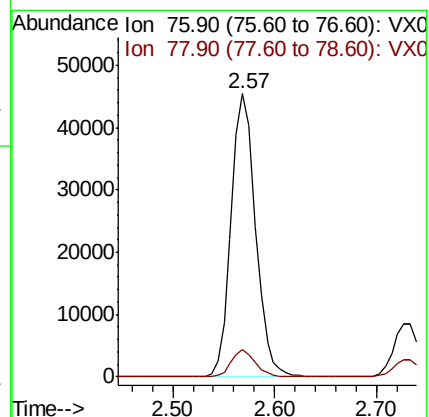
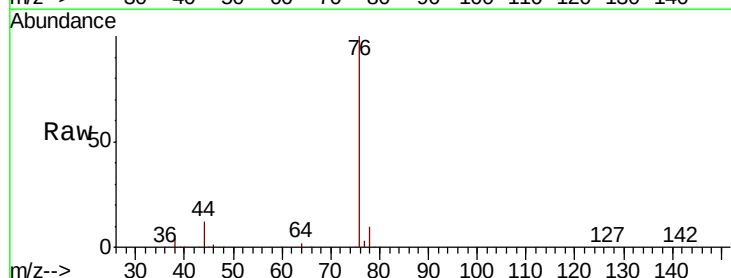
Acq: 01 Aug 2018 04:19

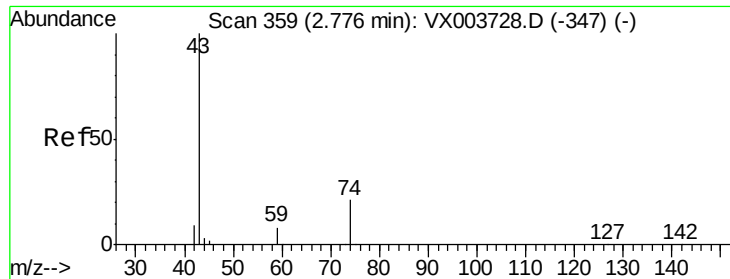
Tgt Ion: 76 Resp: 75426

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

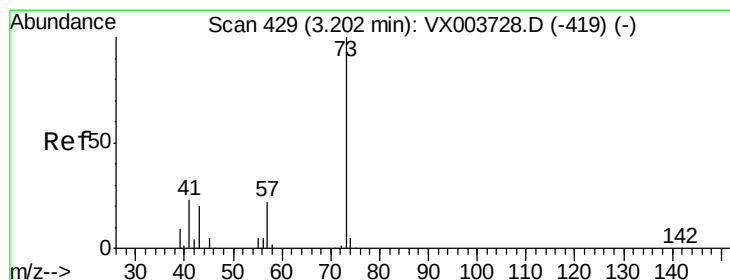
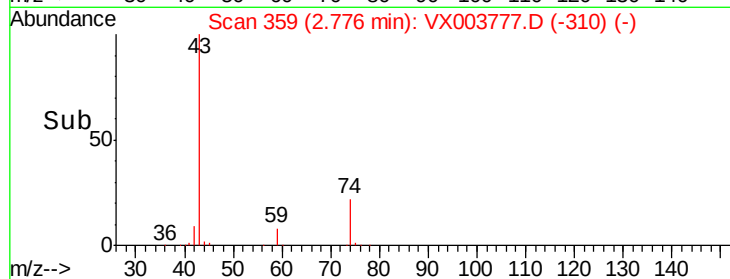
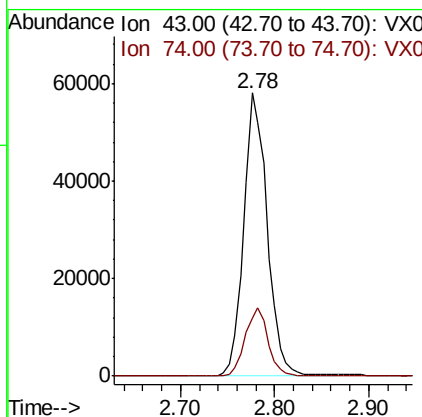
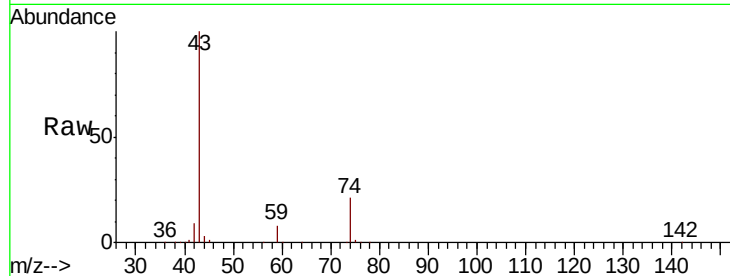




#18
Methvl Acetate
Concen: 123.61 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

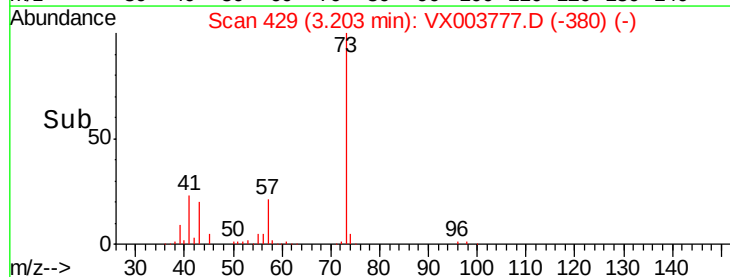
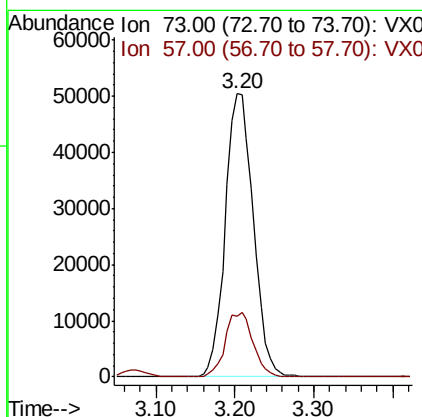
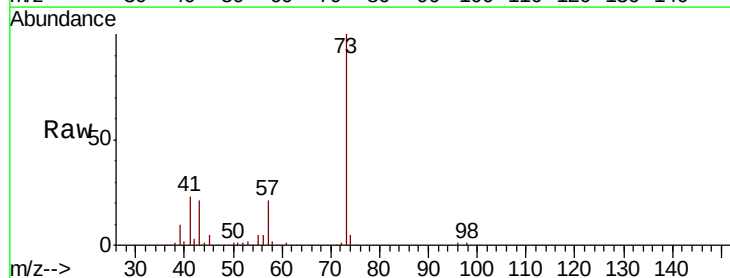
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

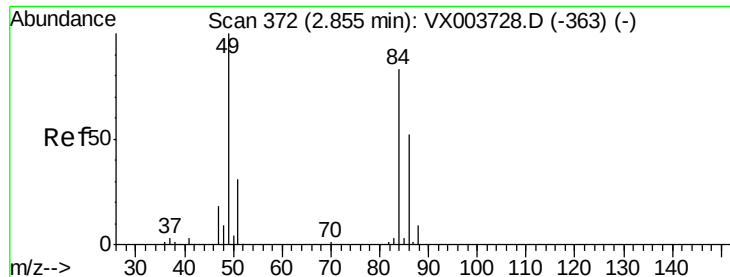
Tot Ion: 43 Resp: 101436
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3



#19
Methyl tert-butyl Ether
Concen: 67.83 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 73 Resp: 124740
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0

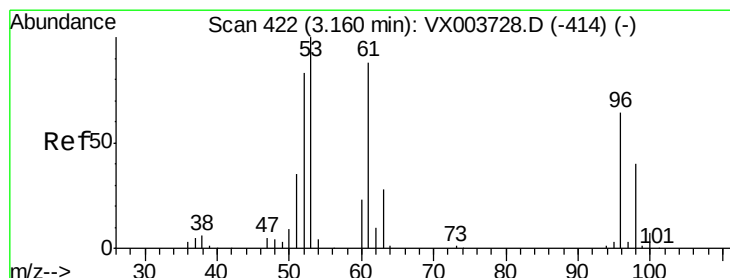
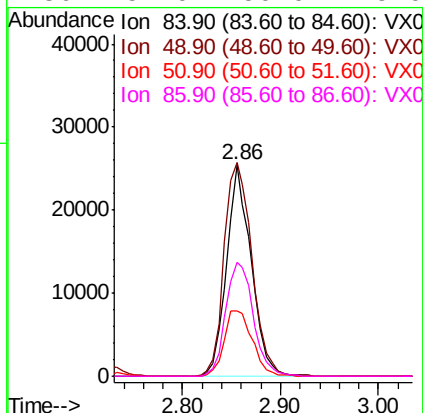
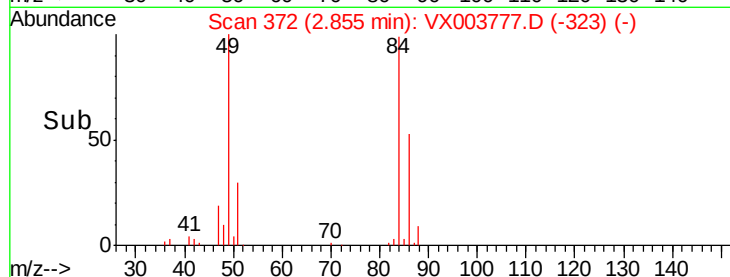
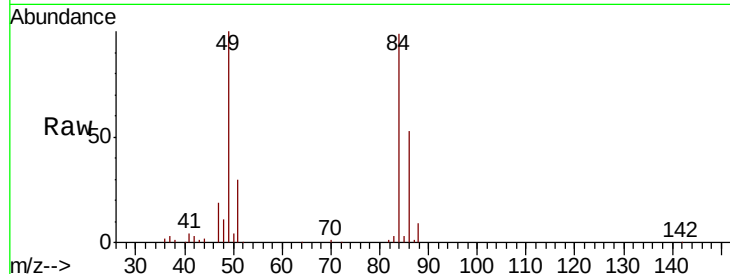




#20
Methylene Chloride
Concen: 58.22 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

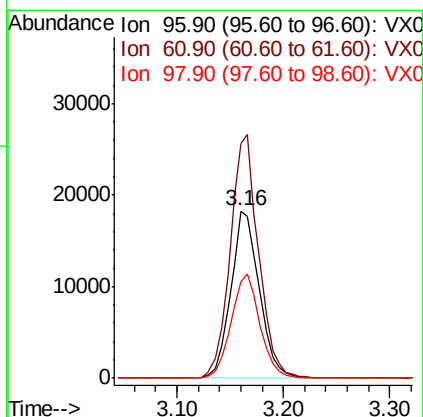
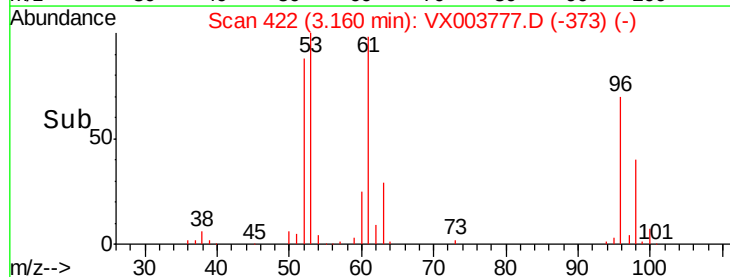
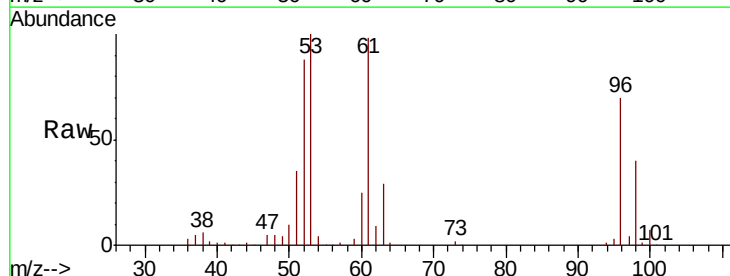
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

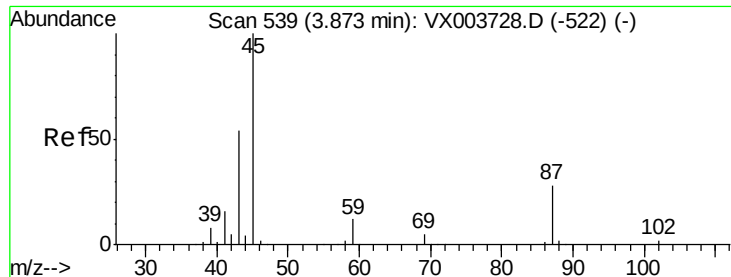
Tot Ion: 84 Resp: 44369
Ion Ratio Lower Upper
84 100
49 101.1 95.8 143.8
51 30.6 29.6 44.4
86 54.0 50.0 75.0



#21
trans-1,2-Dichloroethene
Concen: 46.30 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 96 Resp: 34274
Ion Ratio Lower Upper
96 100
61 140.7 110.9 166.3
98 57.8 50.2 75.4





#22

Diisopropyl ether

Concen: 62.91 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion: 45 Resp: 136006

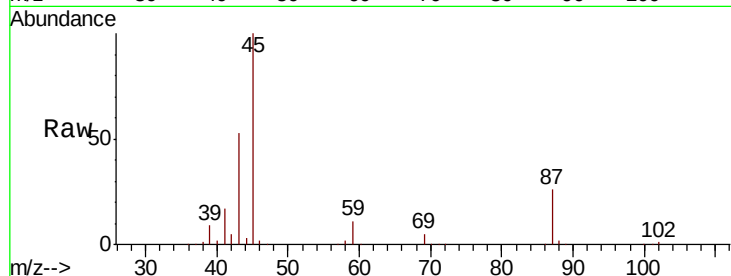
Ion Ratio Lower Upper

45 100

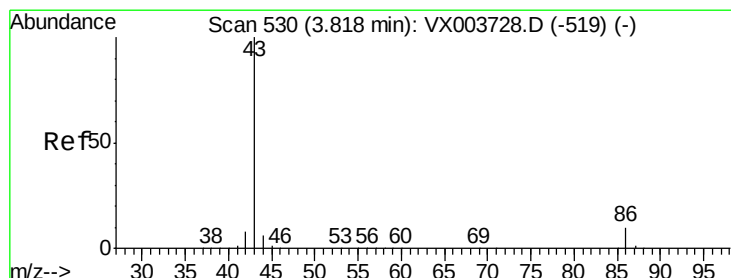
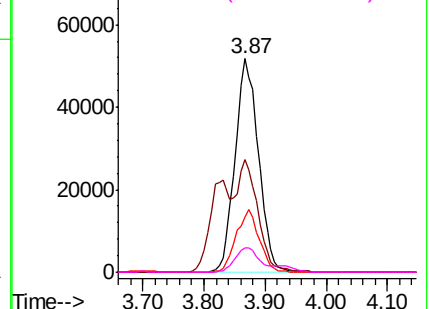
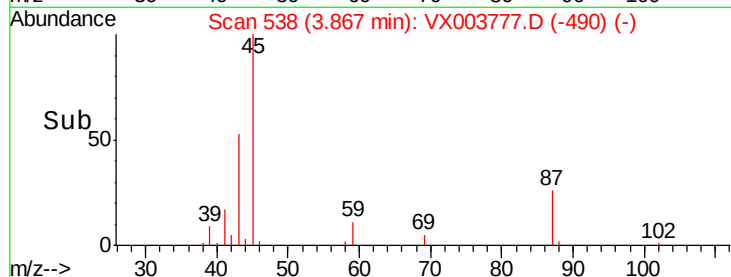
43 52.3 43.5 65.3

87 25.9 22.6 33.8

59 11.5 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 32.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003777.D

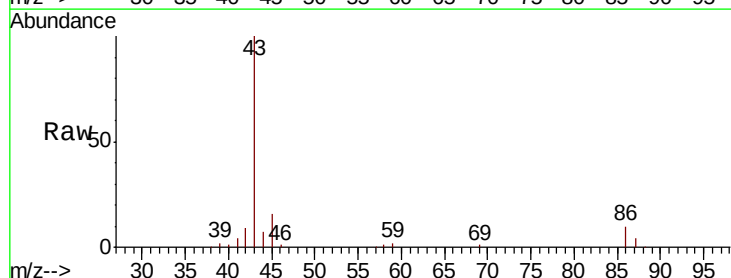
Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 50179

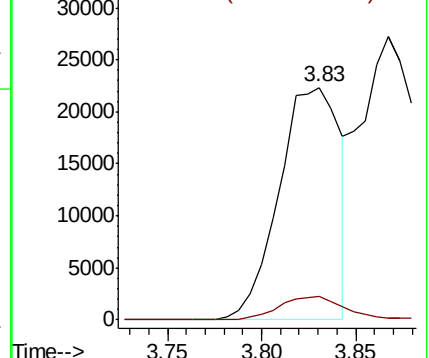
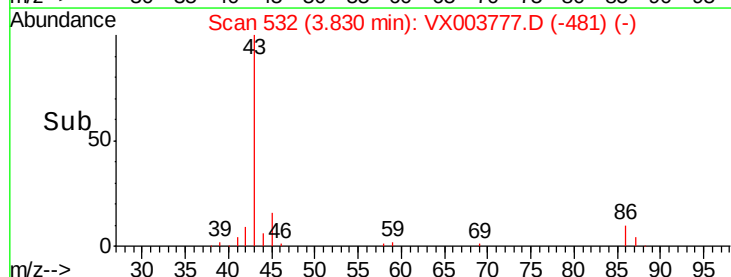
Ion Ratio Lower Upper

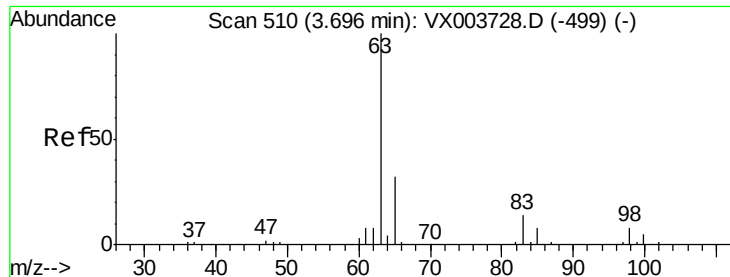
43 100

86 10.1 8.2 12.2



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

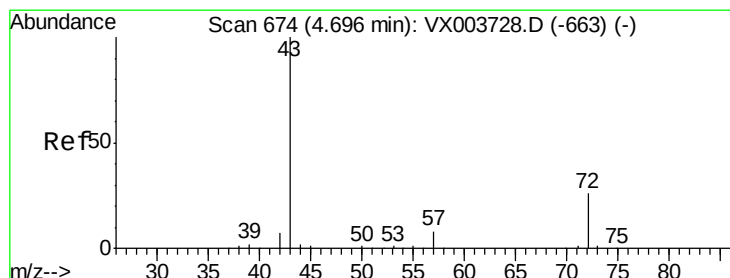
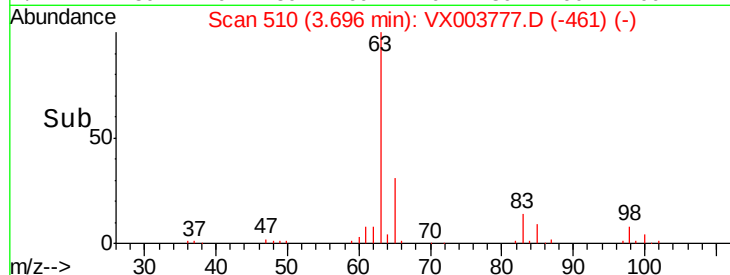
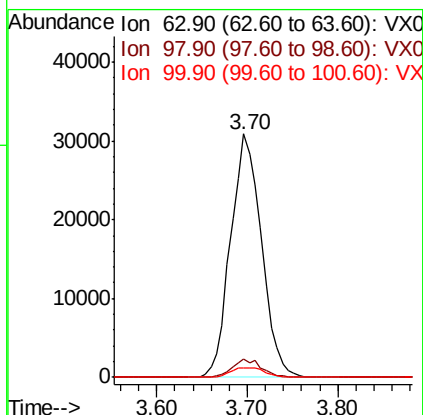
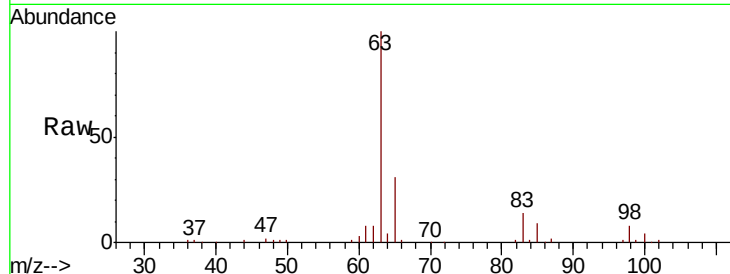




#24
 1,1-Dichloroethane
 Concen: 57.82 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

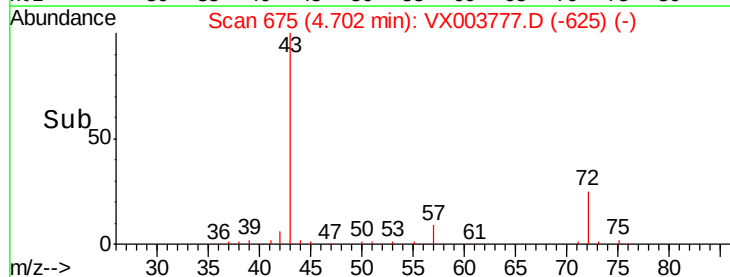
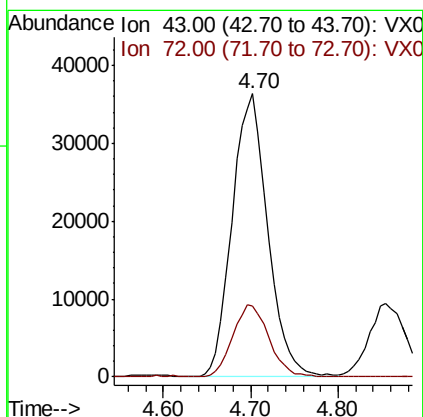
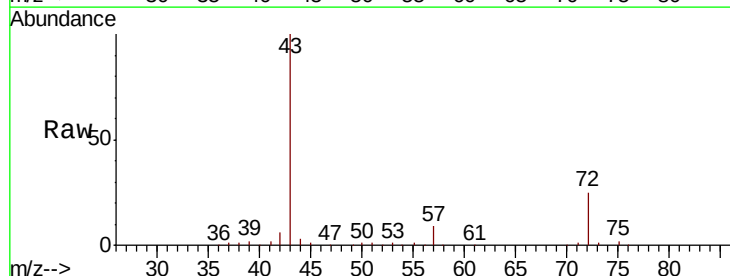
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

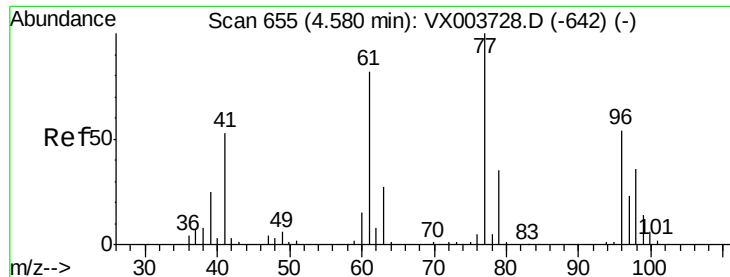
Tot Ion: 63 Resp: 72898
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.0
 100 3.9 2.4 7.2



#25
 2-Butanone
 Concen: 242.13 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 103071
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.9 31.3

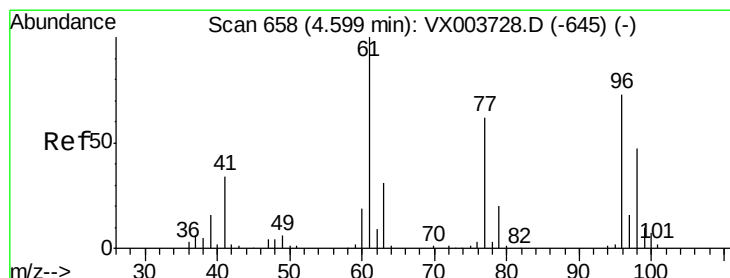
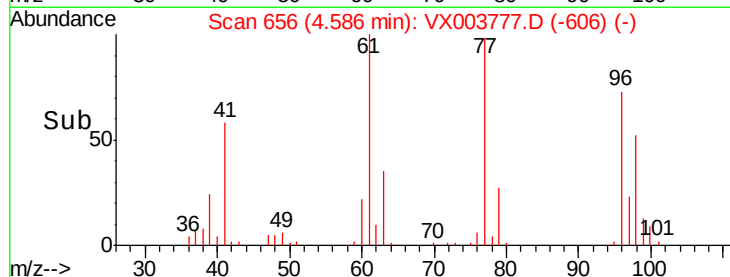
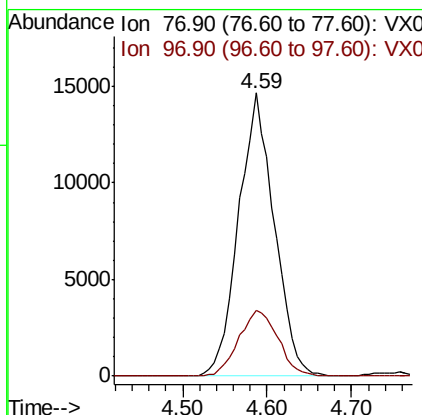
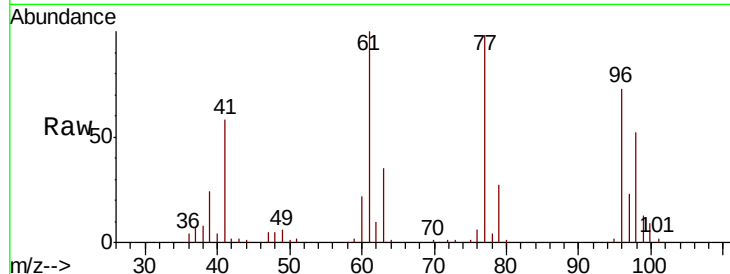




#26
 2,2-Dichloropropane
 Concen: 42.26 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

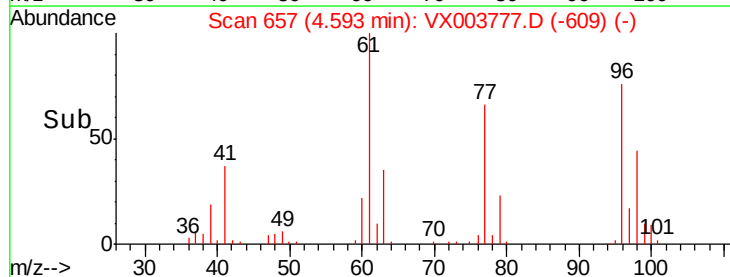
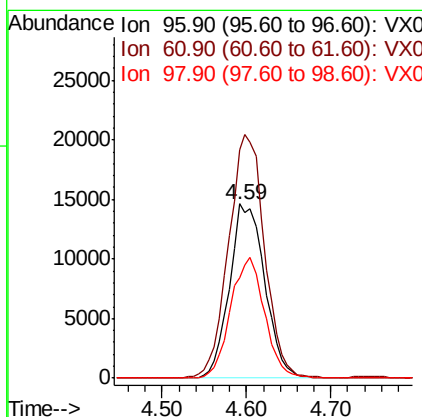
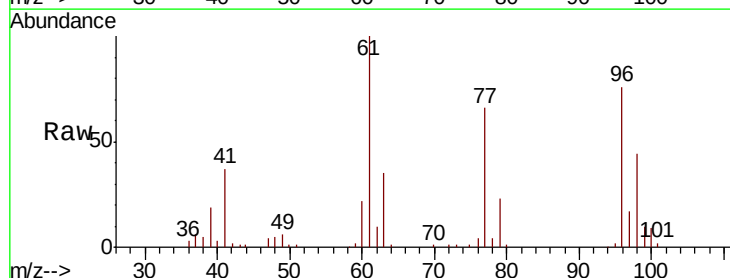
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

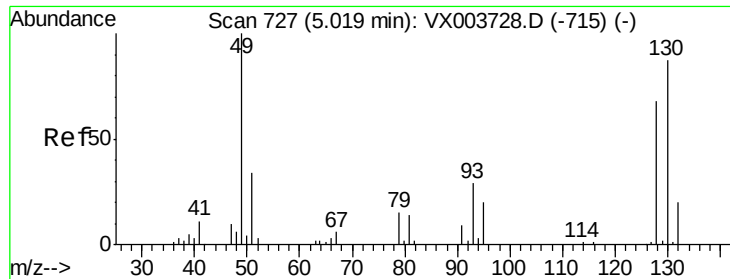
Tot Ion: 77 Resp: 41960
 Ion Ratio Lower Upper
 77 100
 97 25.4 12.2 36.6



#27
 cis-1,2-Dichloroethene
 Concen: 51.99 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 96 Resp: 41479
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 285.6
 98 66.3 0.0 131.0

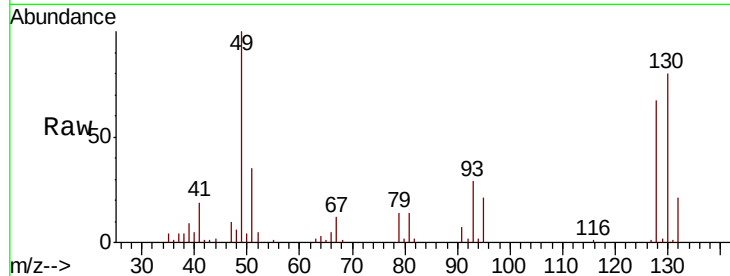




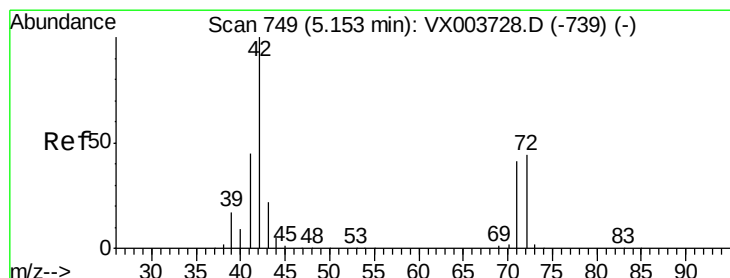
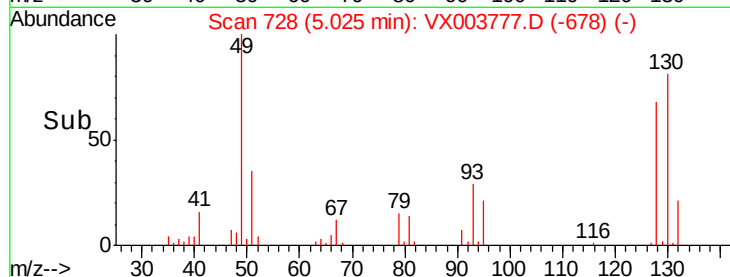
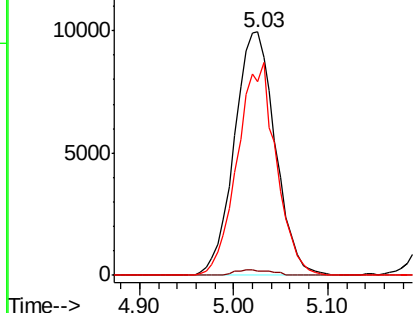
#28
Bromochloromethane
Concen: 53.31 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion: 49 Resp: 30149
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 83.0 68.9 103.3

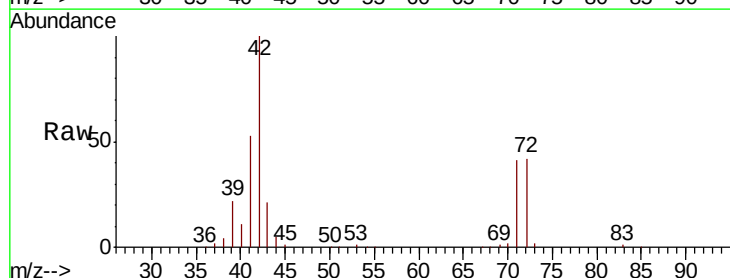


Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

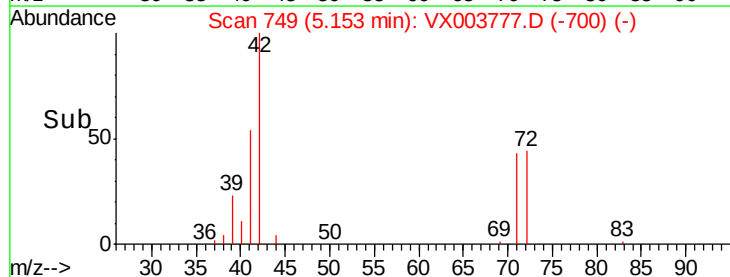
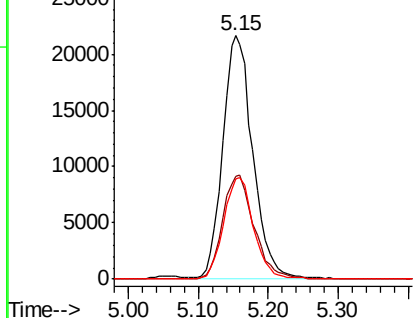


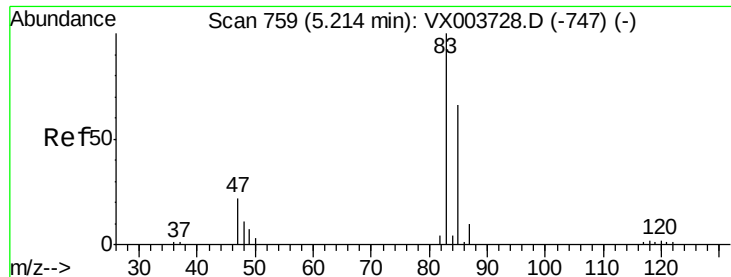
#29
Tetrahydrofuran
Concen: 236.01 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 42 Resp: 64025
Ion Ratio Lower Upper
42 100
72 45.0 35.6 53.4
71 42.1 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 62.12 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

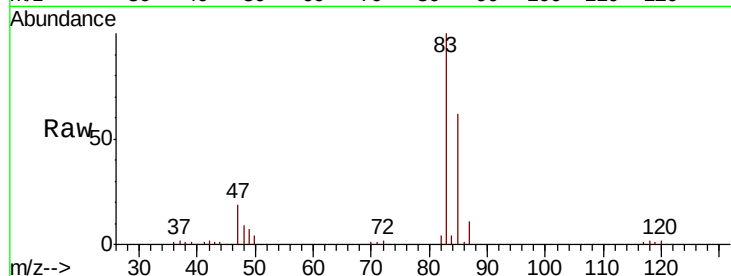
SB-1(3-5)MS

Tot Ion: 83 Resp: 77183

Ion Ratio Lower Upper

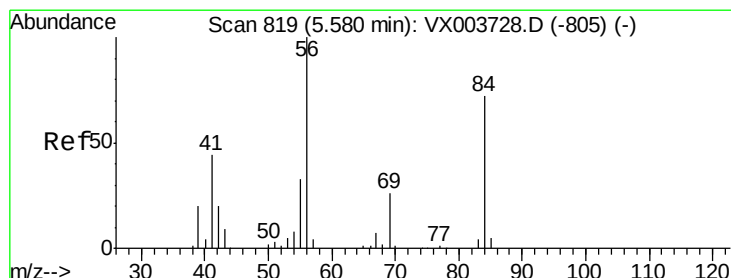
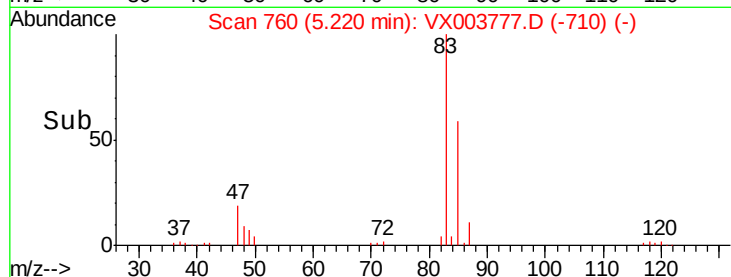
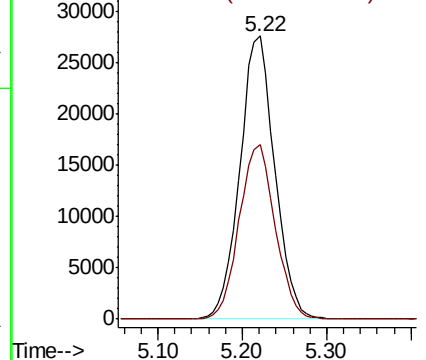
83 100

85 61.6 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#31

Cyclohexane

Concen: 44.60 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

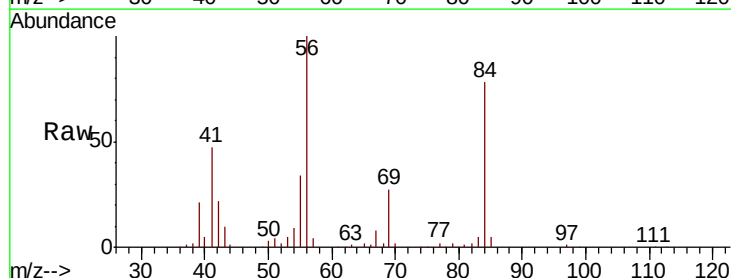
Tgt Ion: 56 Resp: 54314

Ion Ratio Lower Upper

56 100

69 27.3 20.6 30.8

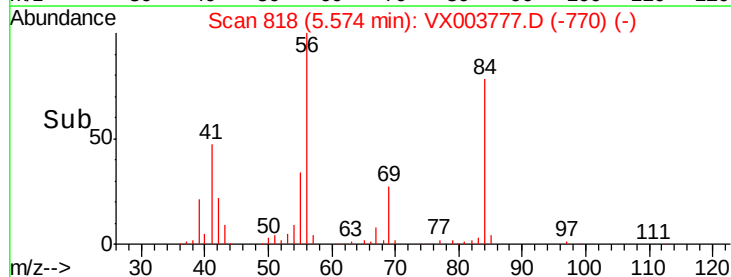
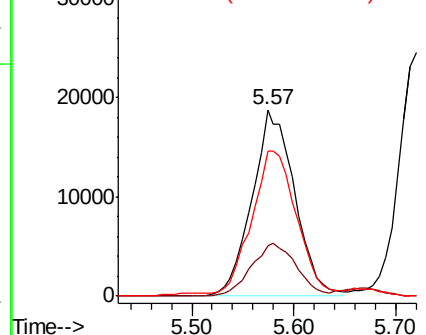
84 75.9 57.9 86.9

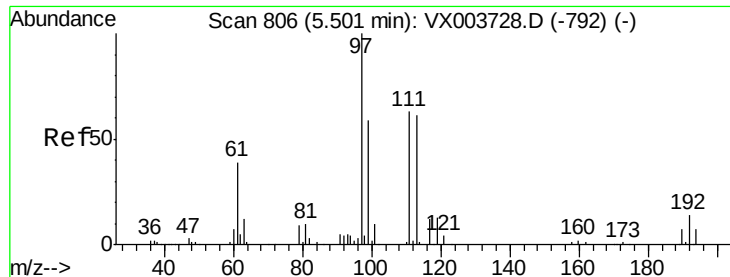


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#32

1,1,1-Trichloroethane

Concen: 54.01 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

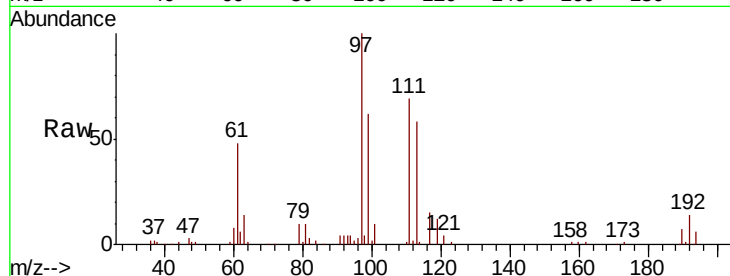
Tot Ion: 97 Resp: 57669

Ion Ratio Lower Upper

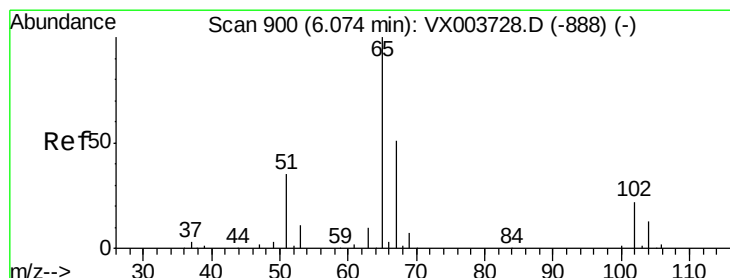
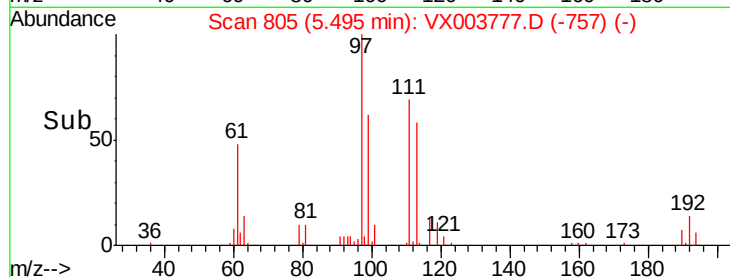
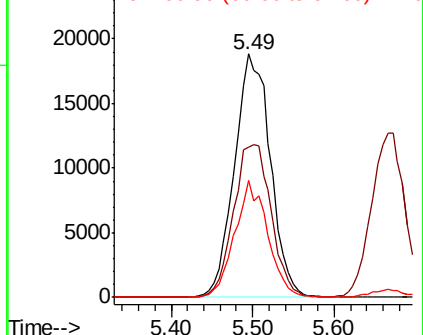
97 100

99 65.4 51.4 77.2

61 43.9 33.4 50.2



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



#33

1,2-Dichloroethane-d4

Concen: 53.48 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003777.D

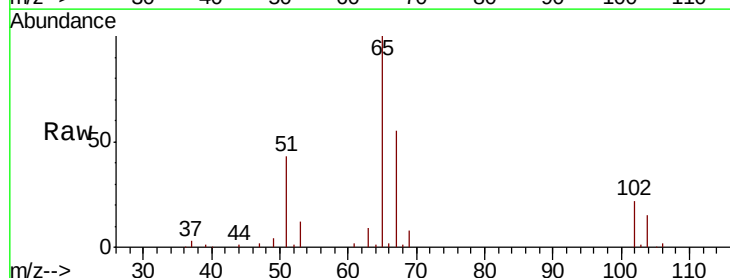
Acq: 01 Aug 2018 04:19

Tgt Ion: 65 Resp: 40882

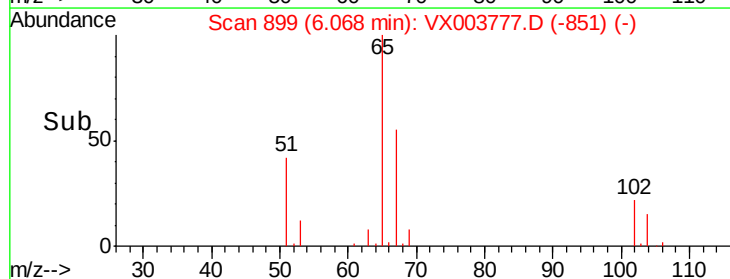
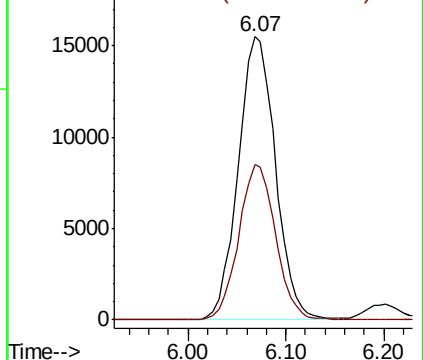
Ion Ratio Lower Upper

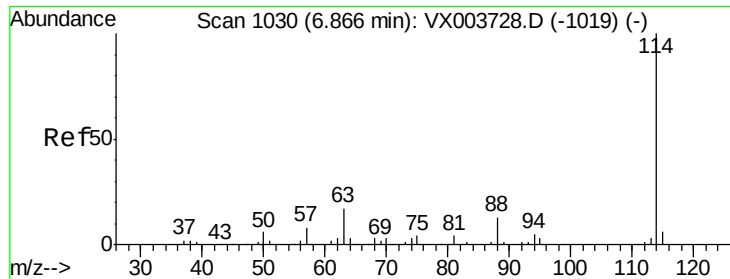
65 100

67 54.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

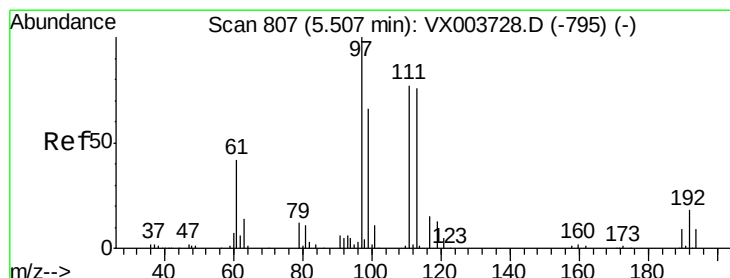
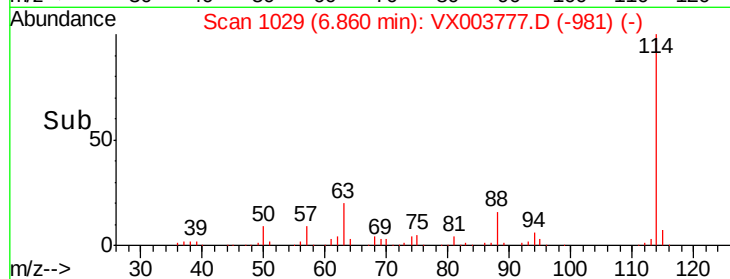
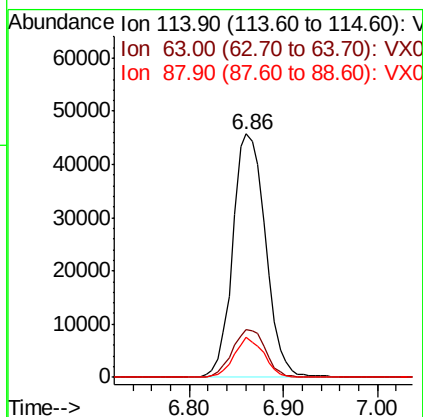
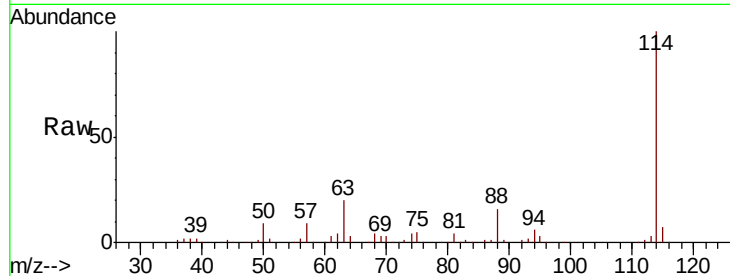




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

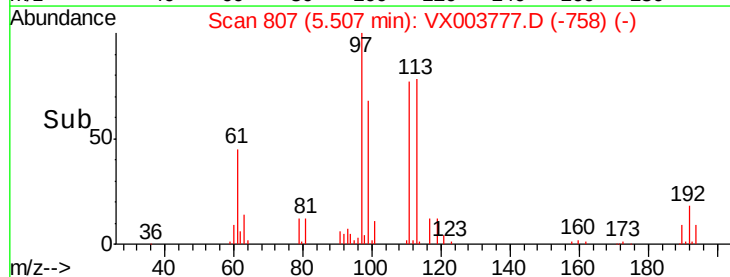
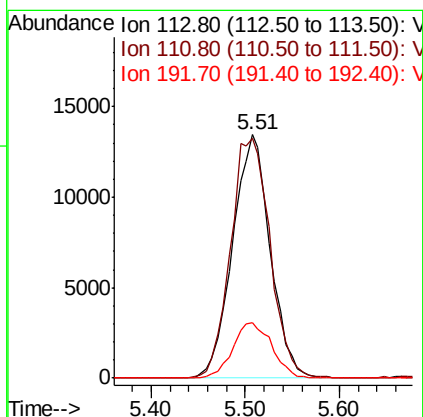
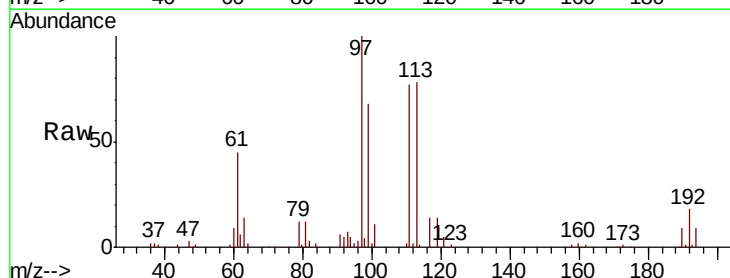
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

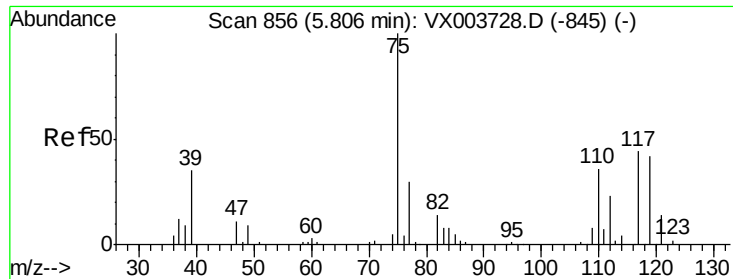
Tot Ion:114 Resp: 110886
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 34.0
 88 16.4 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 57.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion:113 Resp: 37326
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 23.6 18.8 28.2

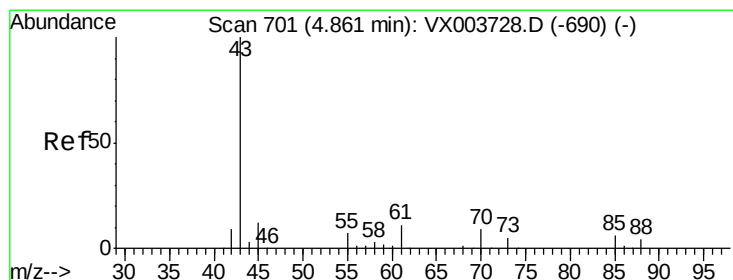
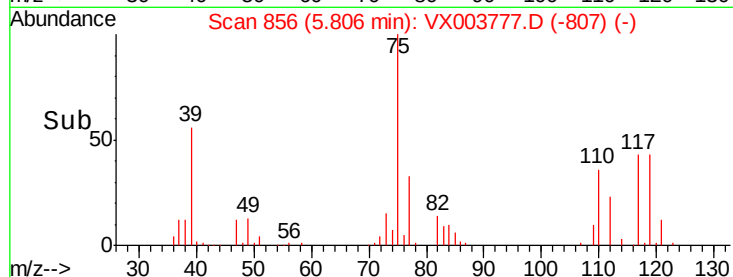
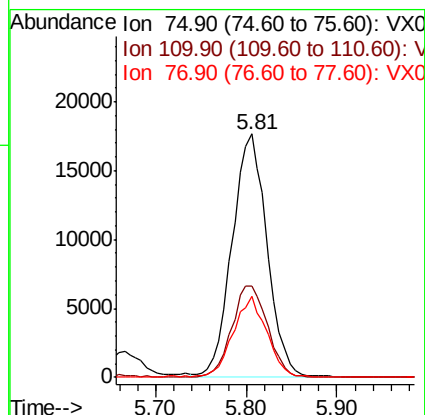
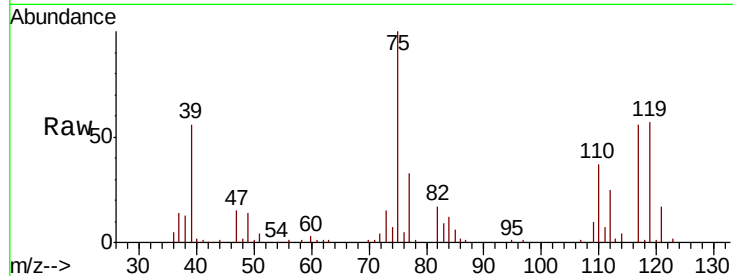




#36
 1,1-Dichloropropene
 Concen: 45.56 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

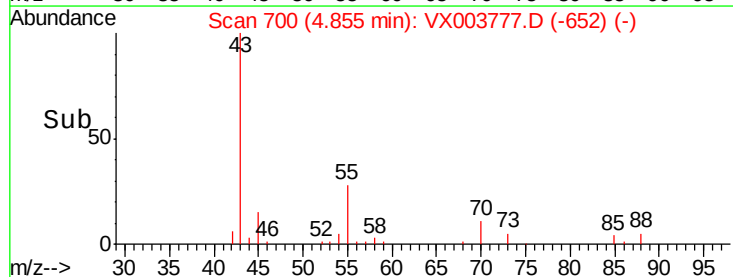
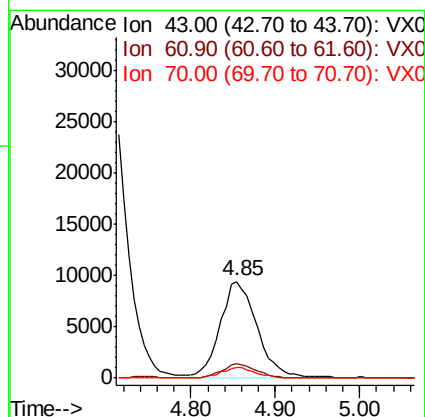
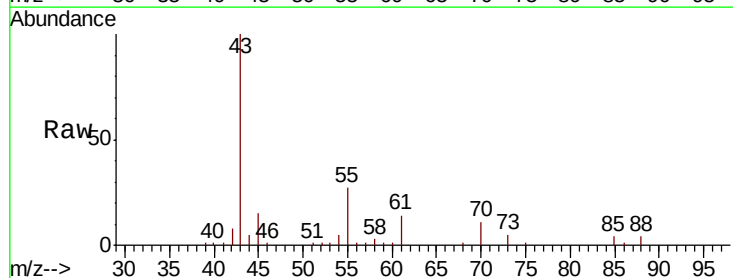
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

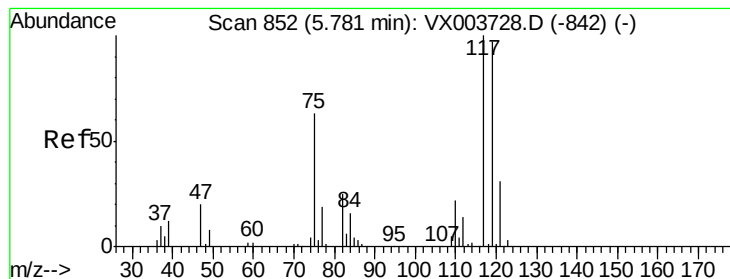
Tot Ion: 75 Resp: 47308
 Ion Ratio Lower Upper
 75 100
 110 38.2 18.3 54.8
 77 31.9 25.1 37.7



#37
 Ethyl Acetate
 Concen: 35.01 ug/l
 RT: 4.85 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 27930
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.4 17.0
 70 10.4 8.2 12.2





#38

Carbon Tetrachloride

Concen: 47.96 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

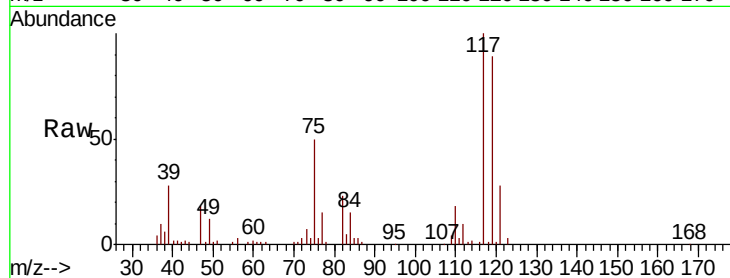
Tot Ion:117 Resp: 46065

Ion Ratio Lower Upper

117 100

119 89.3 77.2 115.8

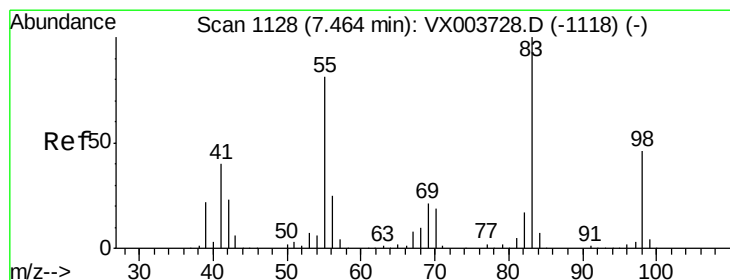
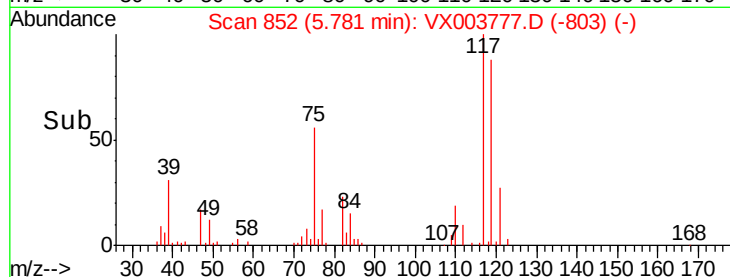
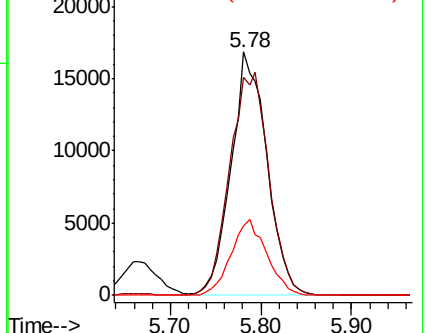
121 28.4 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 33.23 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

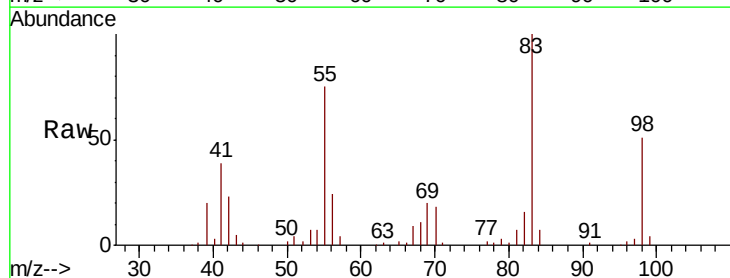
Tgt Ion: 83 Resp: 42361

Ion Ratio Lower Upper

83 100

55 74.9 65.0 97.6

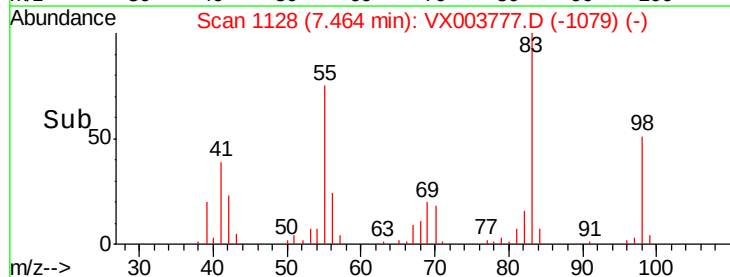
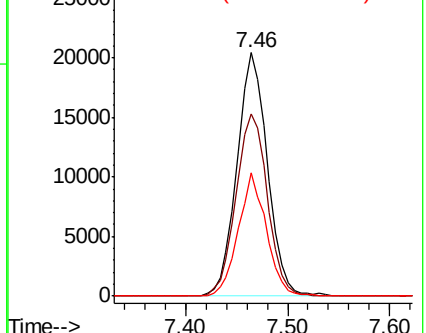
98 50.6 37.1 55.7

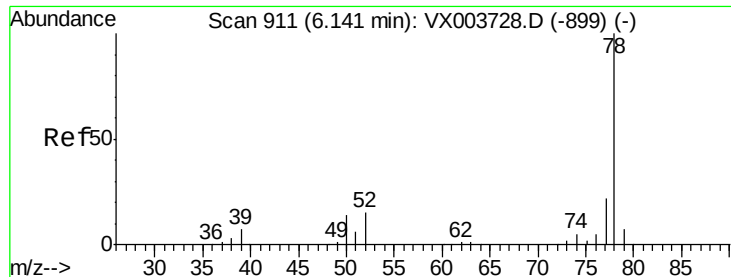


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 53.53 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

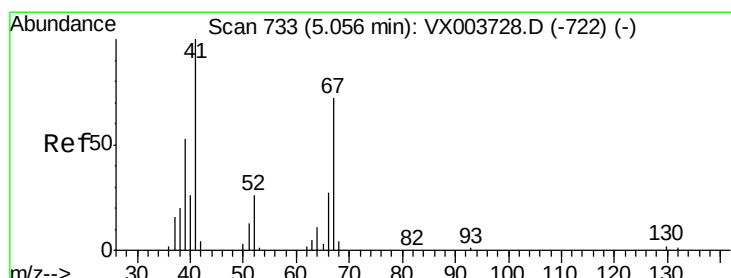
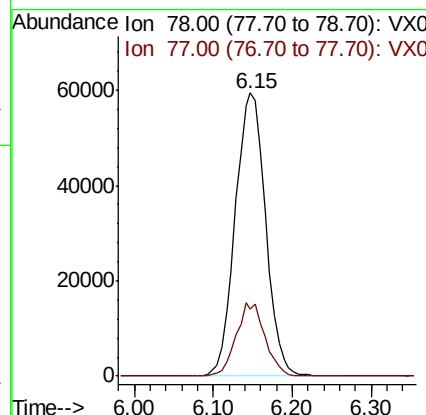
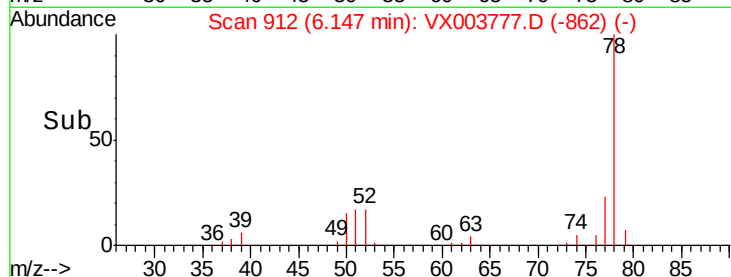
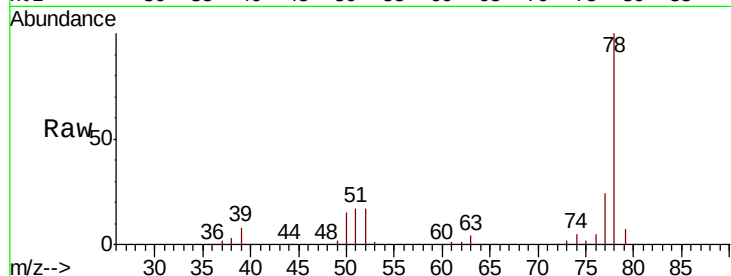
SB-1(3-5)MS

Tot Ion: 78 Resp: 159290

Ion Ratio Lower Upper

78 100

77 23.7 17.9 26.9



#41

Methacrylonitrile

Concen: 52.56 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion: 41 Resp: 23632

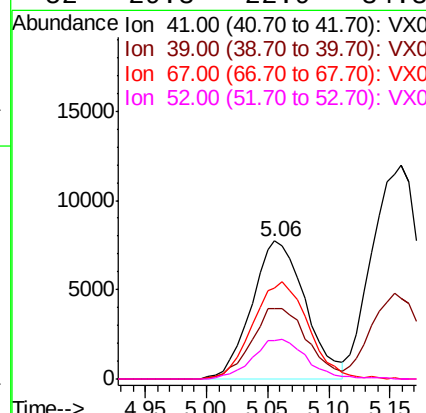
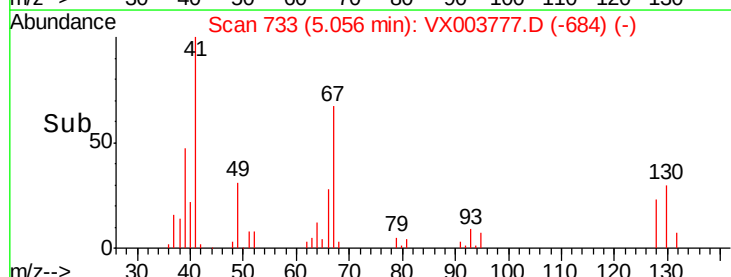
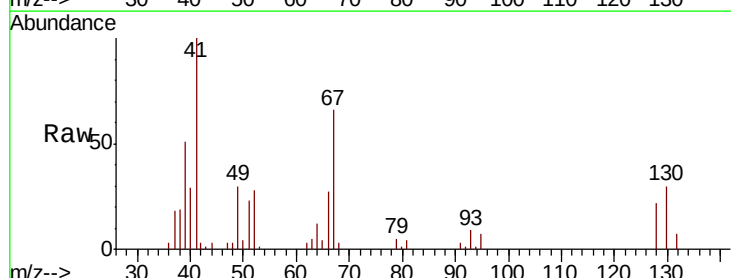
Ion Ratio Lower Upper

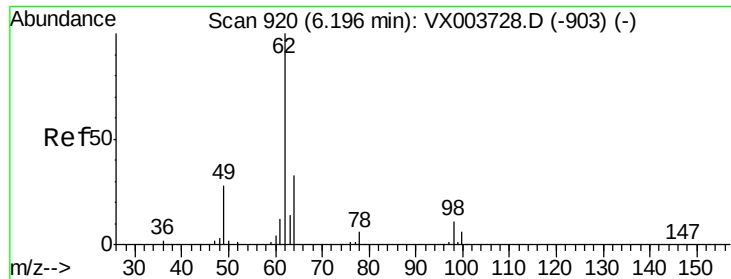
41 100

39 53.4 42.6 64.0

67 72.5 58.9 88.3

52 29.3 22.9 34.3

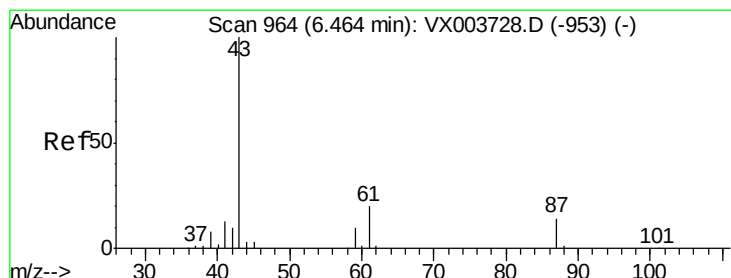
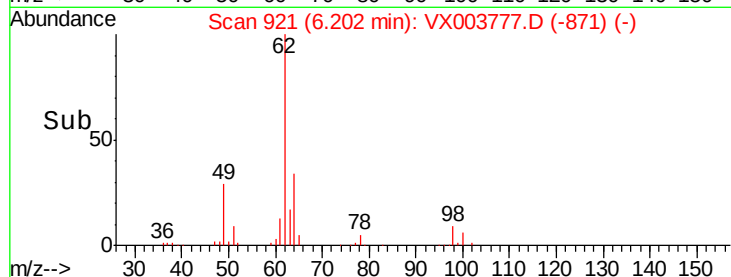
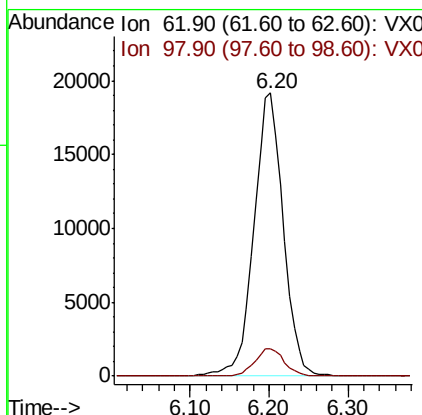
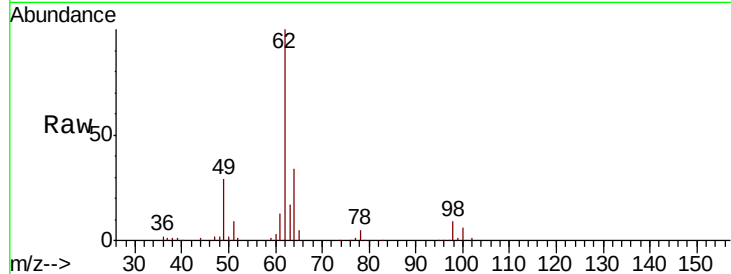




#42
 1,2-Dichloroethane
 Concen: 55.04 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

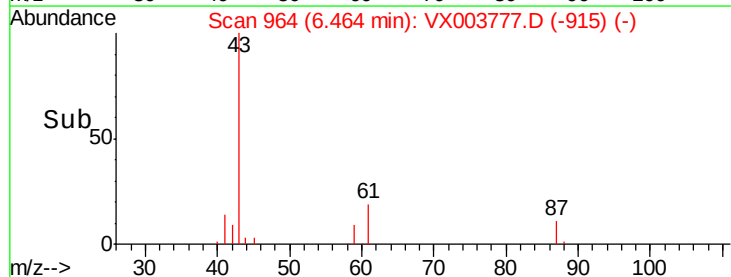
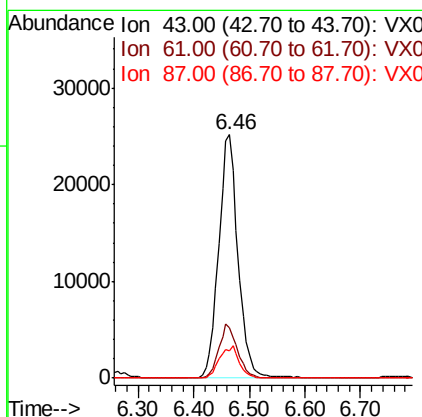
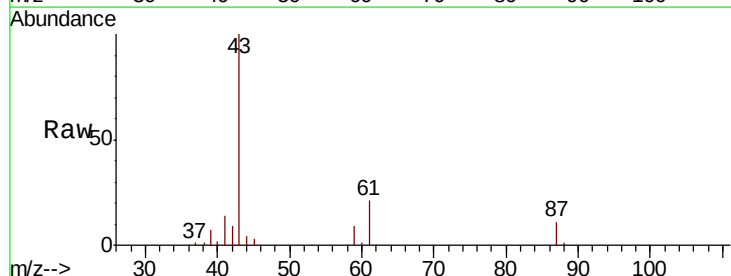
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

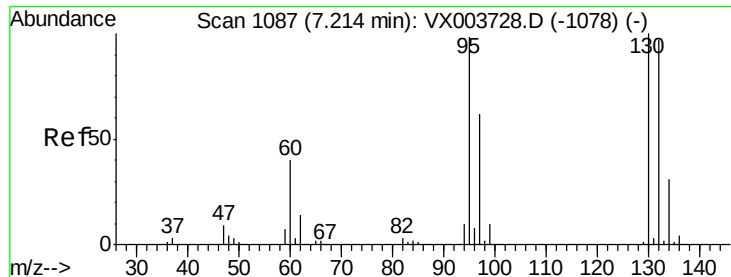
Tot Ion: 62 Resp: 49473
 Ion Ratio Lower Upper
 62 100
 98 9.7 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 47.82 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 60778
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.5 24.7
 87 13.2 10.7 16.1





#44

Trichloroethene

Concen: 44.91 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

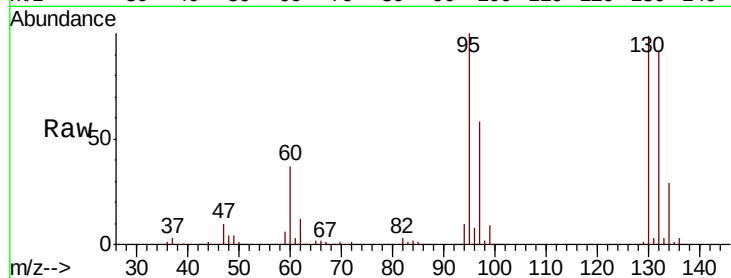
SB-1(3-5)MS

Tot Ion:130 Resp: 38125

Ion Ratio Lower Upper

130 100

95 100.6 0.0 196.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

15000

10000

5000

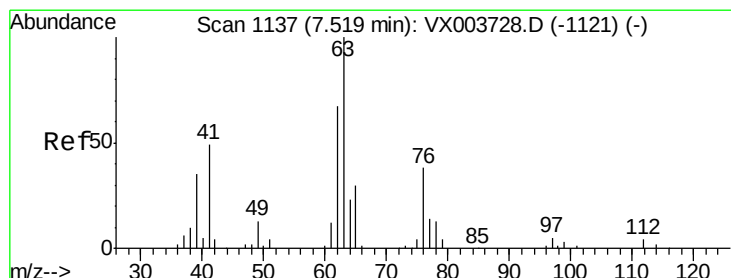
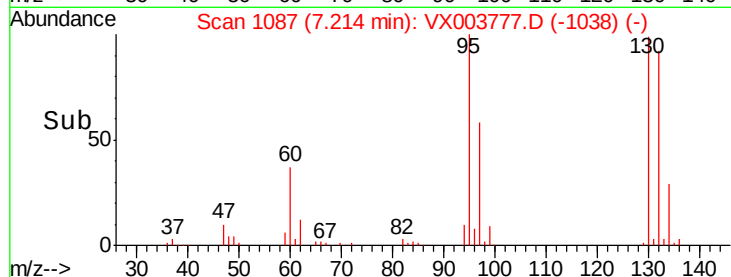
0

Time-->

7.10

7.20

7.30



#45

1,2-Dichloropropane

Concen: 59.36 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003777.D

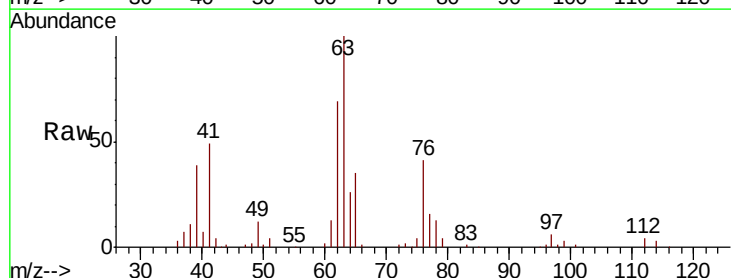
Acq: 01 Aug 2018 04:19

Tgt Ion: 63 Resp: 43443

Ion Ratio Lower Upper

63 100

65 34.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

25000

20000

15000

10000

5000

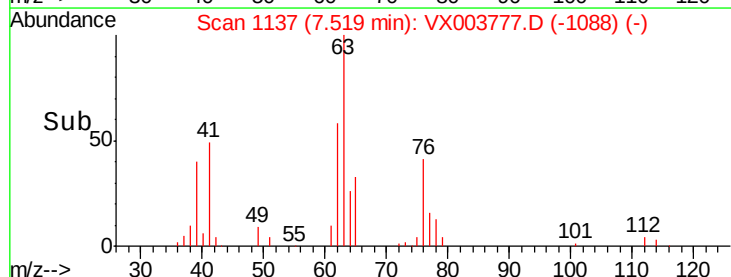
0

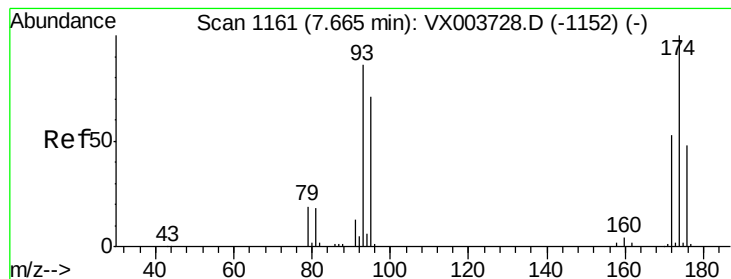
Time-->

7.40

7.50

7.60





#46

Dibromomethane

Concen: 51.74 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

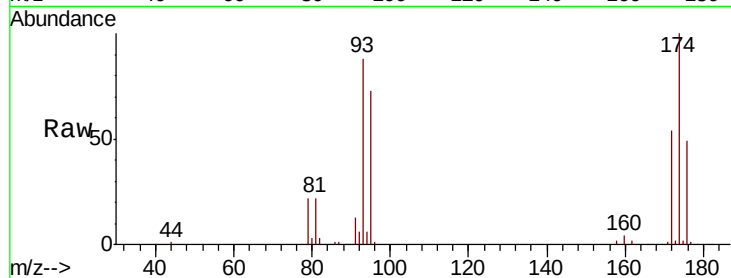
Tot Ion: 93 Resp: 21818

Ion Ratio Lower Upper

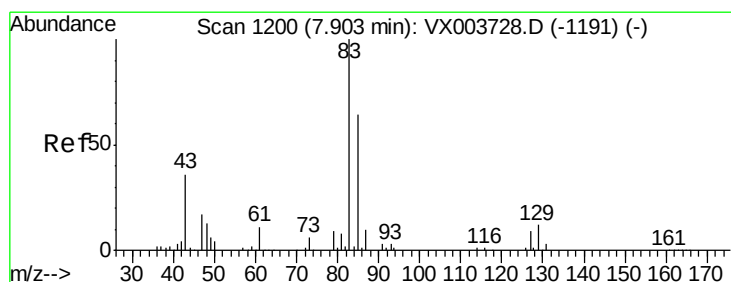
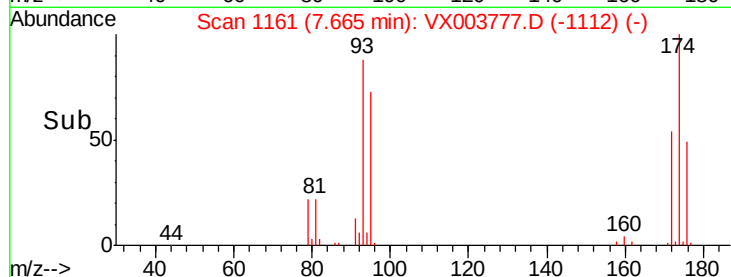
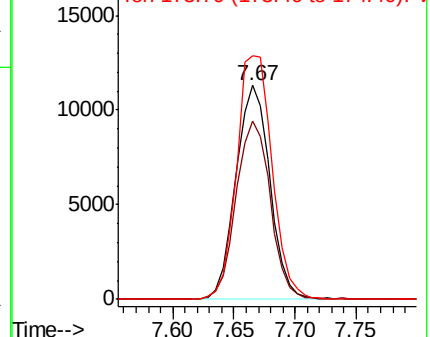
93 100

95 83.6 68.1 102.1

174 118.7 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 56.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

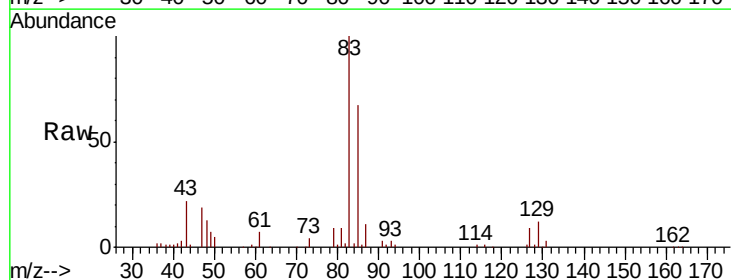
Tgt Ion: 83 Resp: 47499

Ion Ratio Lower Upper

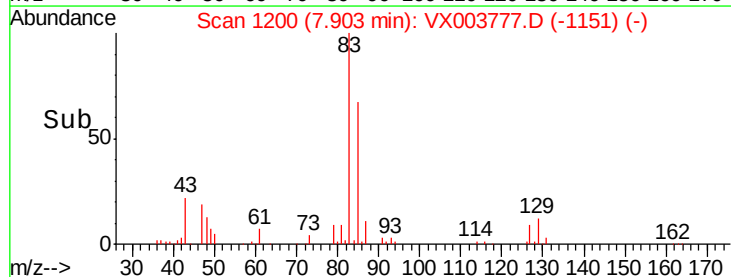
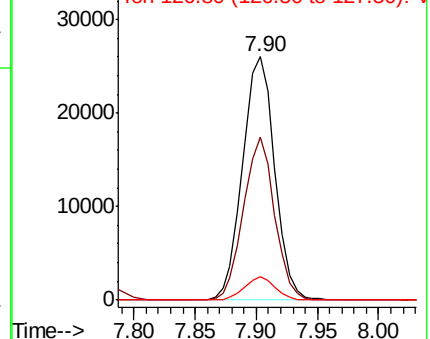
83 100

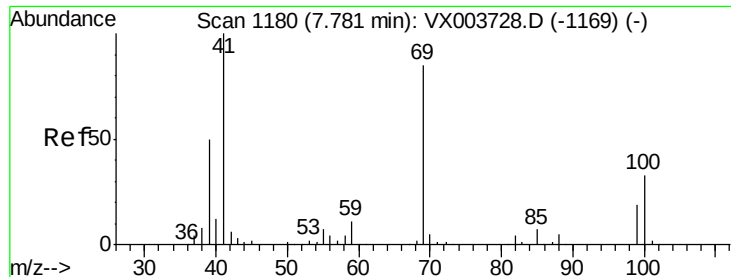
85 66.7 51.1 76.7

127 9.4 7.1 10.7



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

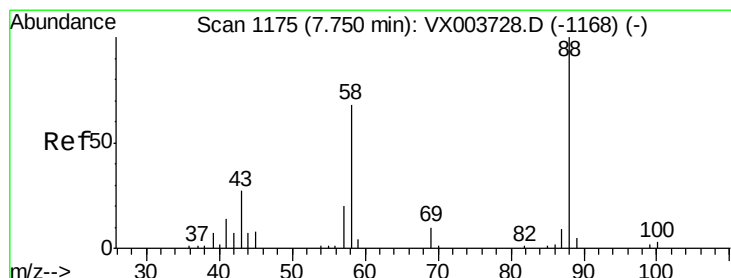
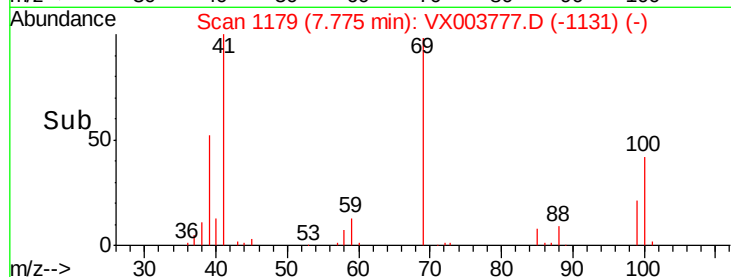
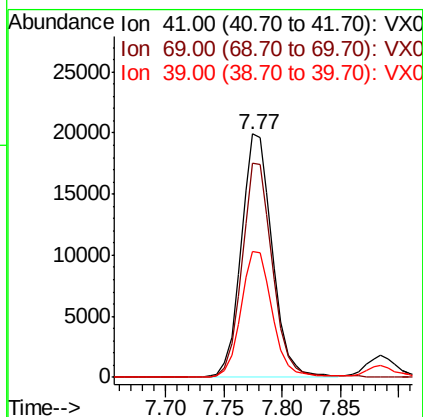
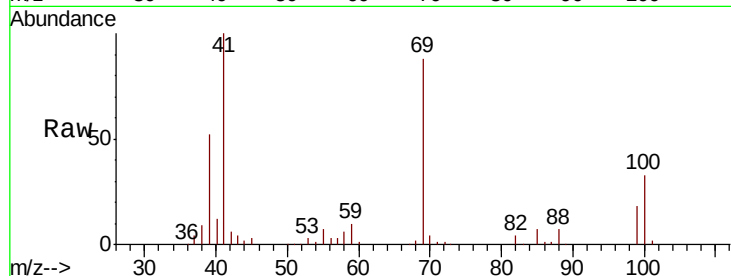




#48
Methvl methacrylate
Concen: 58.08 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

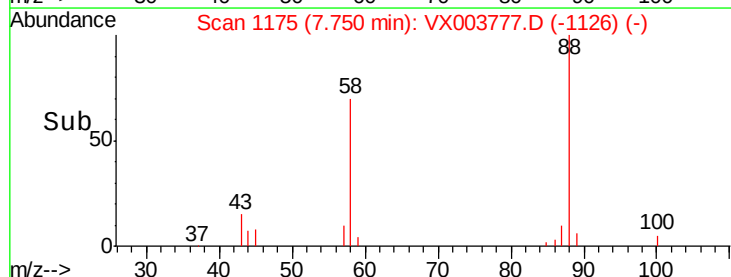
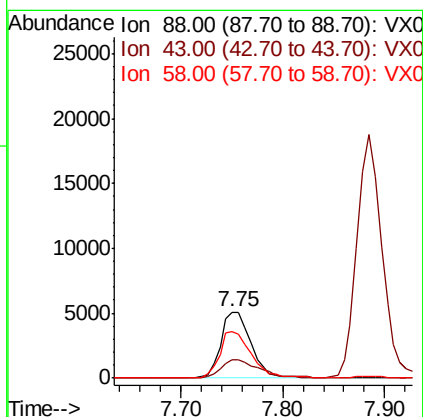
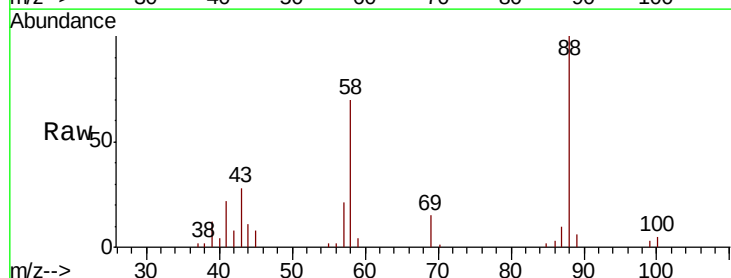
Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

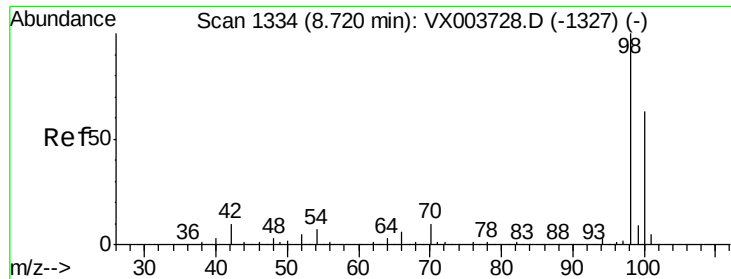
Tot Ion: 41 Resp: 37027
Ion Ratio Lower Upper
41 100
69 86.4 68.7 103.1
39 52.2 40.8 61.2



#49
1,4-Dioxane
Concen: 820.61 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 88 Resp: 10559
Ion Ratio Lower Upper
88 100
43 34.6 26.0 39.0
58 73.3 57.1 85.7

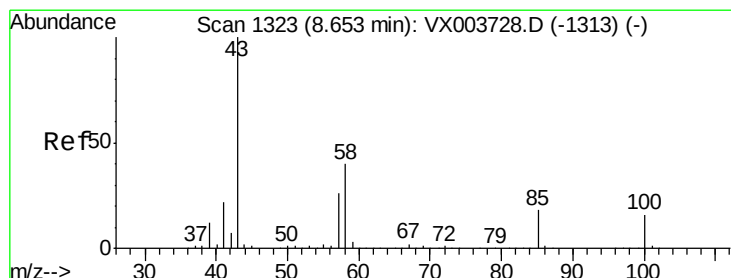
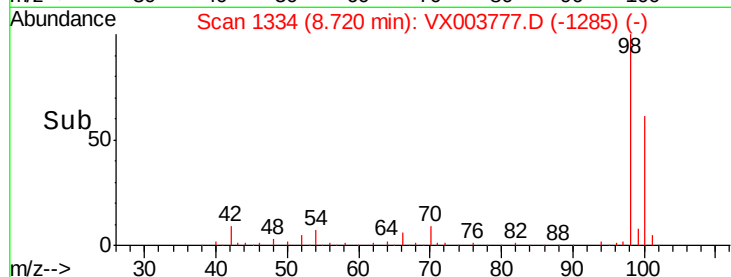
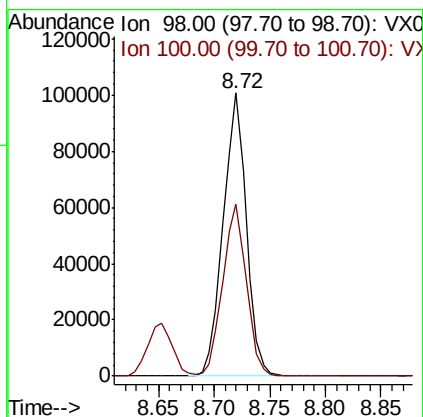
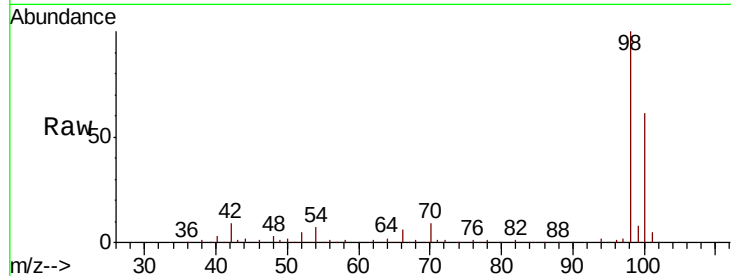




#50
Toluene-d8
Concen: 53.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

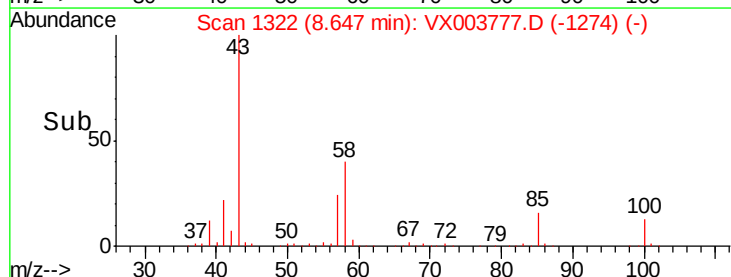
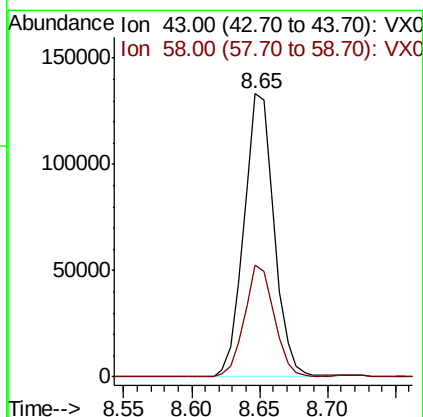
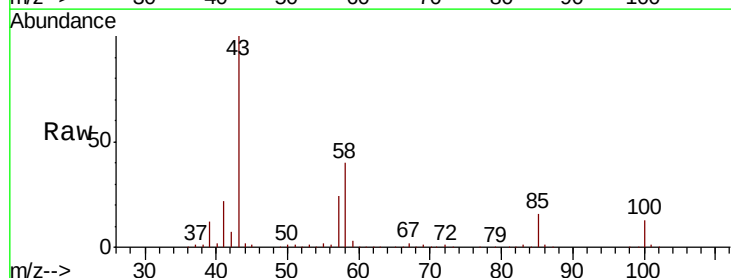
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

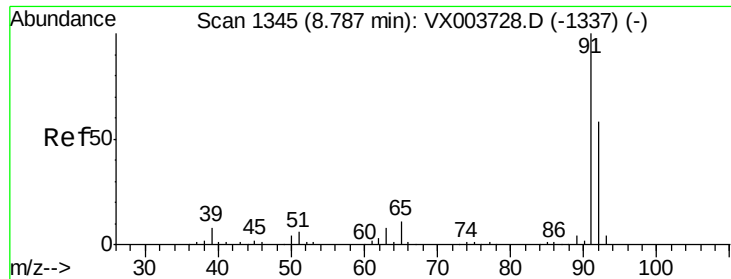
Tot Ion: 98 Resp: 144706
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 264.57 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 206651
Ion Ratio Lower Upper
43 100
58 39.1 32.1 48.1





#52

Toluene

Concen: 56.86 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

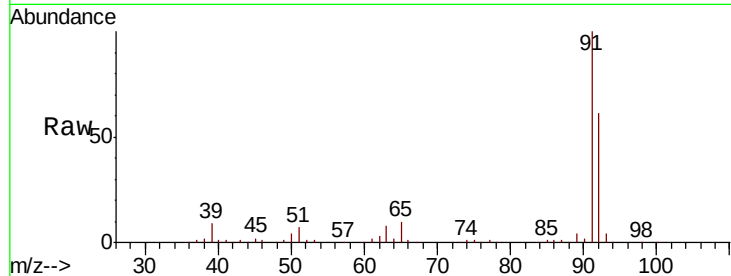
SB-1(3-5)MS

Tot Ion: 92 Resp: 105543

Ion Ratio Lower Upper

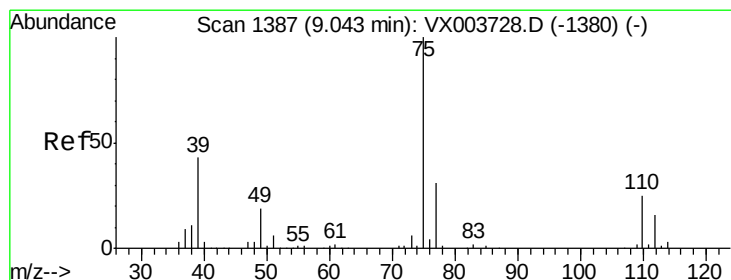
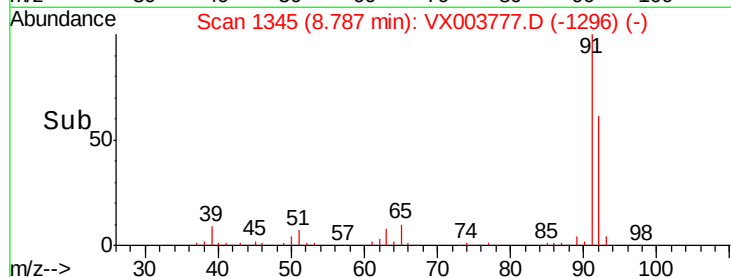
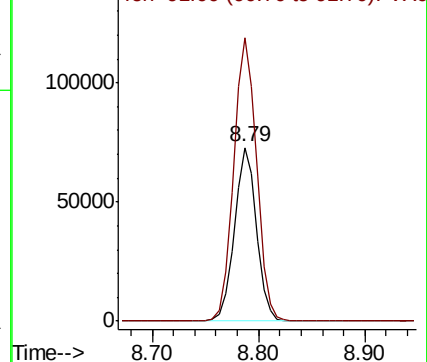
92 100

91 170.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 49.18 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003777.D

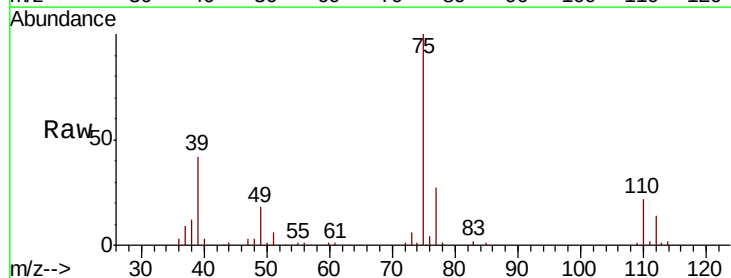
Acq: 01 Aug 2018 04:19

Tgt Ion: 75 Resp: 47201

Ion Ratio Lower Upper

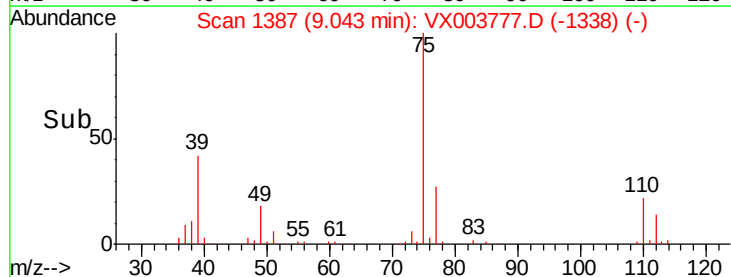
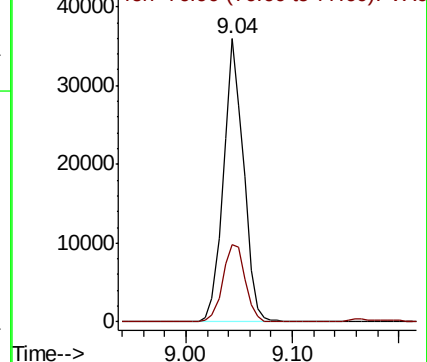
75 100

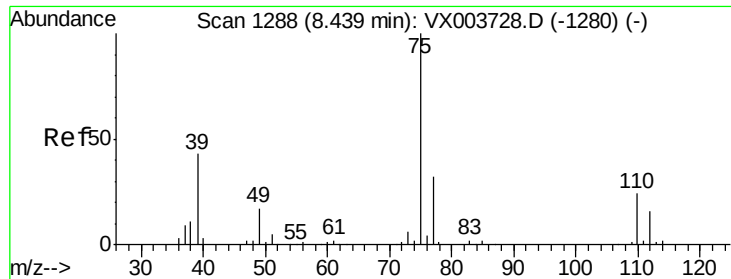
77 27.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

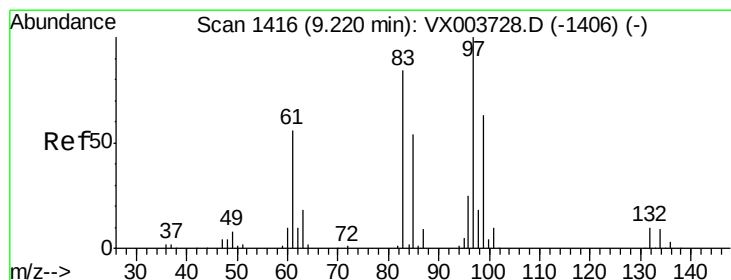
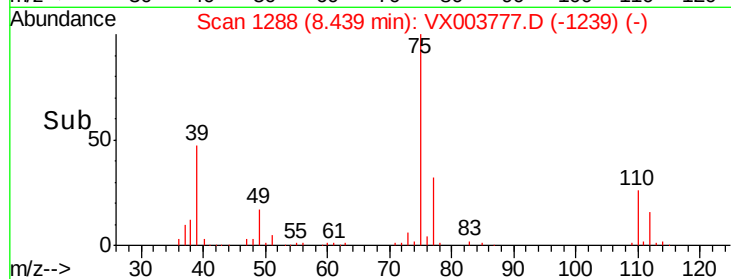
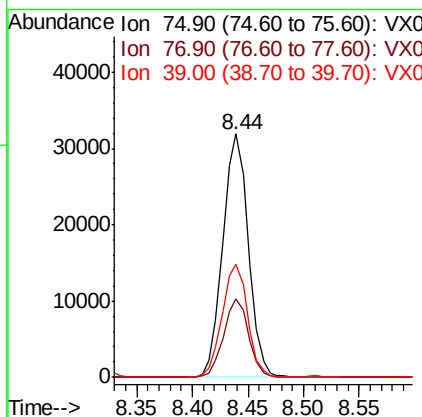
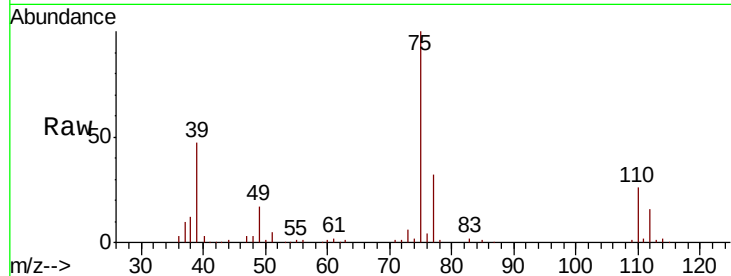




#54
 cis-1,3-Dichloropropene
 Concen: 47.42 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

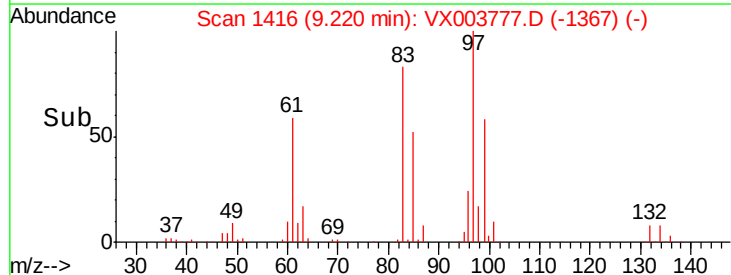
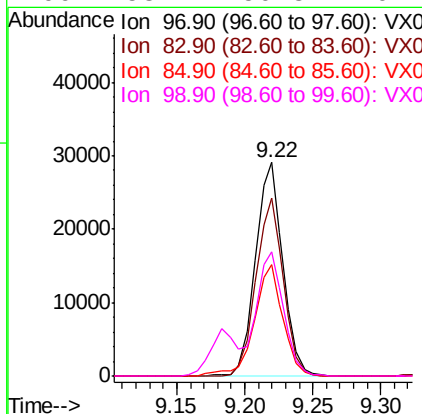
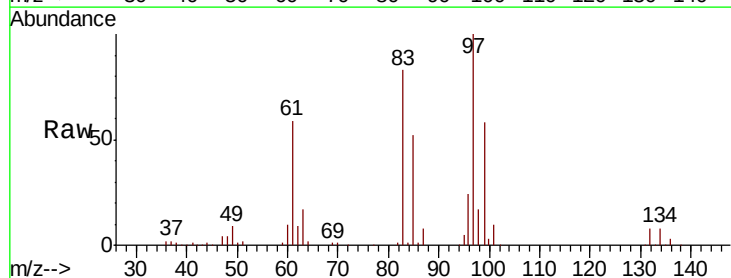
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

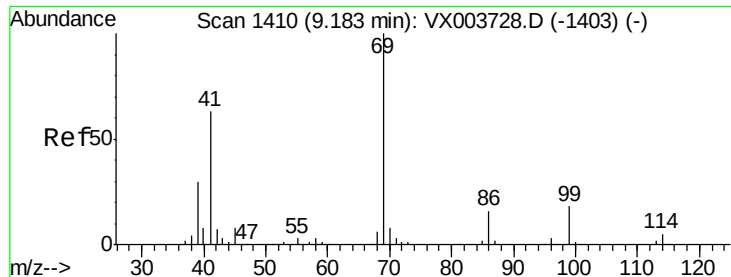
Tot Ion: 75 Resp: 50729
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 46.6 34.1 51.1



#55
 1,1,2-Trichloroethane
 Concen: 64.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 97 Resp: 41010
 Ion Ratio Lower Upper
 97 100
 83 83.0 67.4 101.0
 85 52.1 43.3 64.9
 99 58.2 50.8 76.2

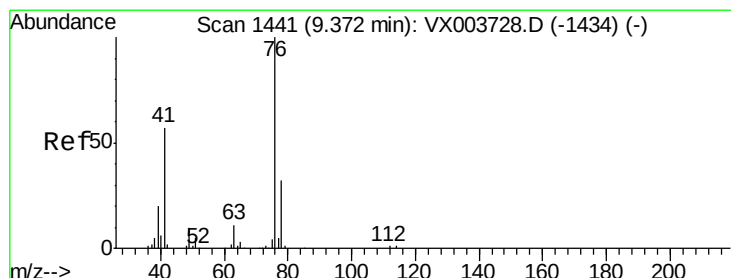
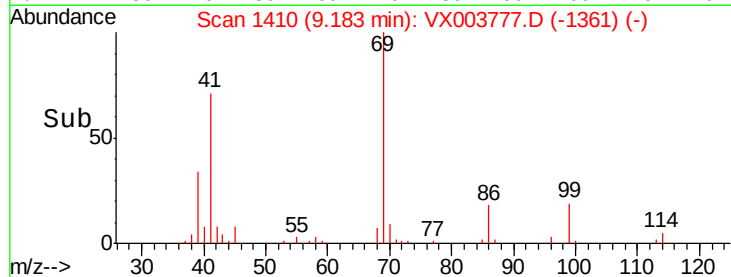
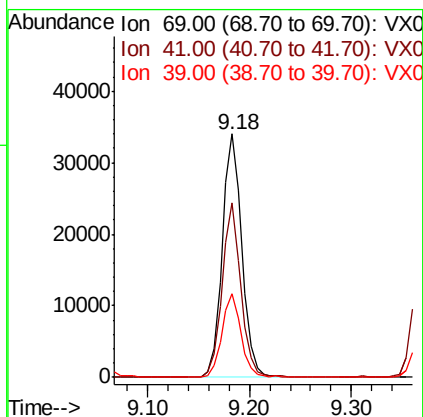
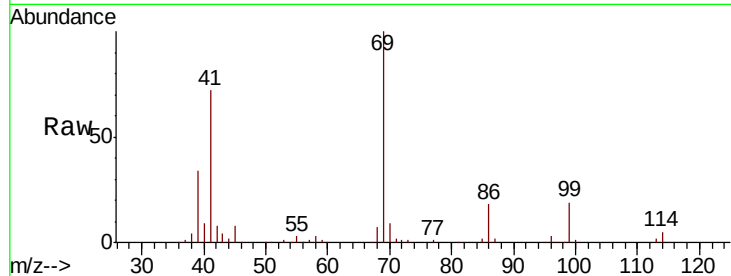




#56
Ethyl methacrylate
Concen: 51.98 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

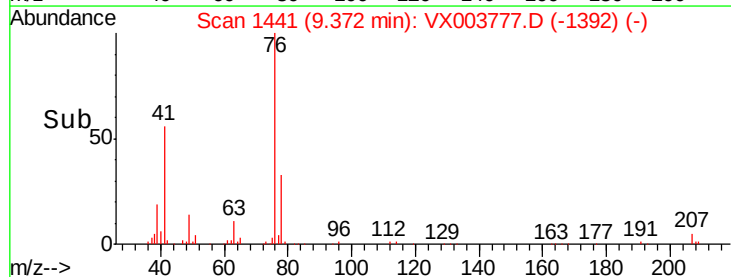
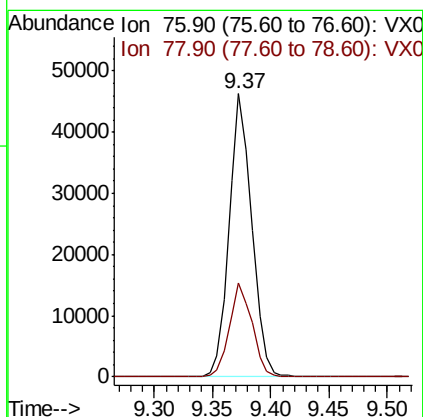
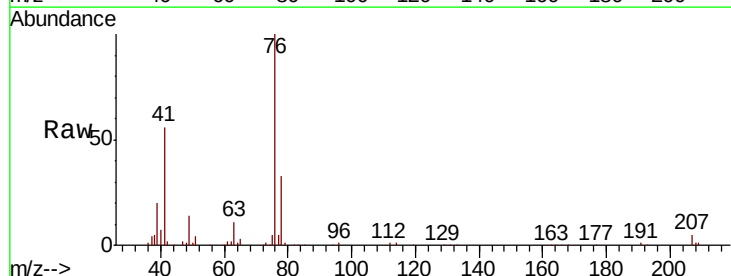
Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

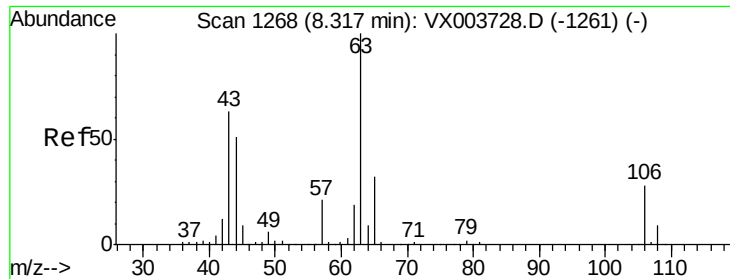
Tot Ion: 69 Resp: 45616
Ion Ratio Lower Upper
69 100
41 68.9 51.6 77.4
39 33.8 25.1 37.7



#57
1,3-Dichloropropane
Concen: 58.29 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 76 Resp: 62517
Ion Ratio Lower Upper
76 100
78 33.2 25.7 38.5

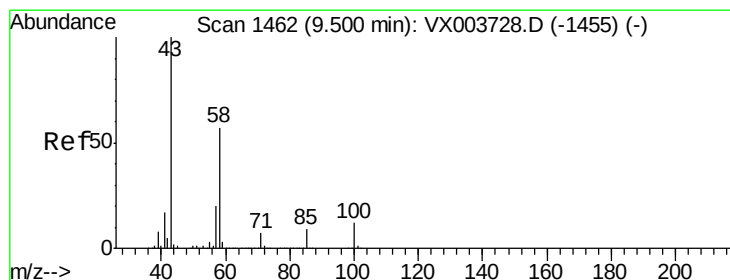
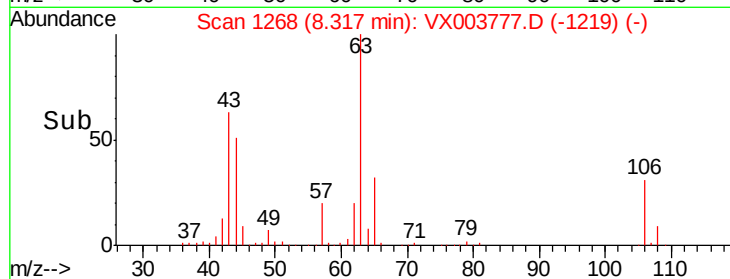
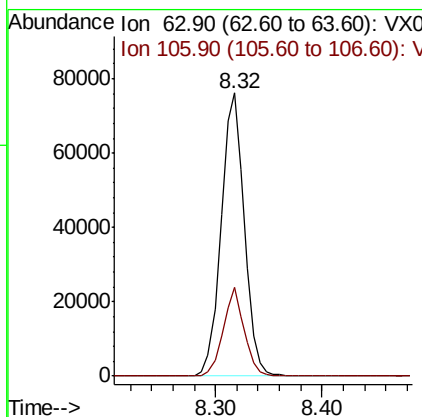
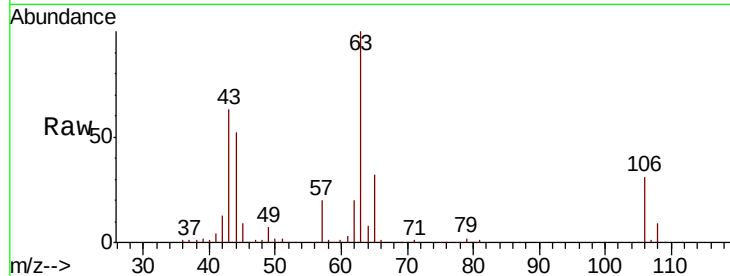




#58
2-Chloroethyl Vinyl ether
Concen: 246.76 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

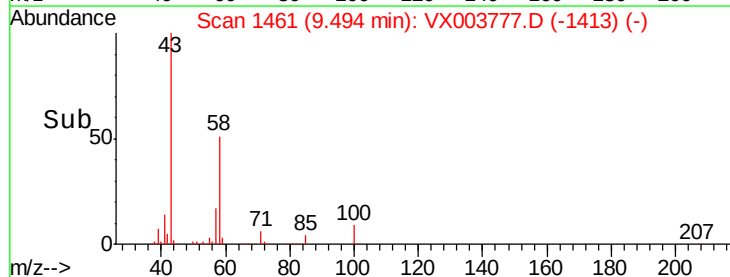
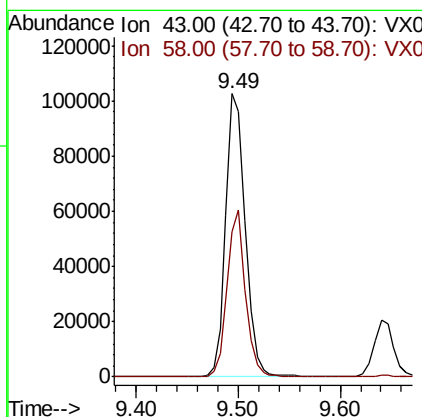
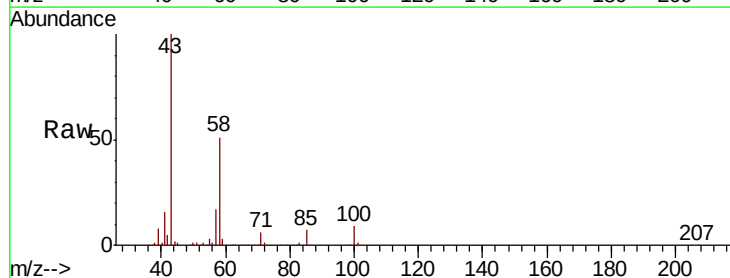
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

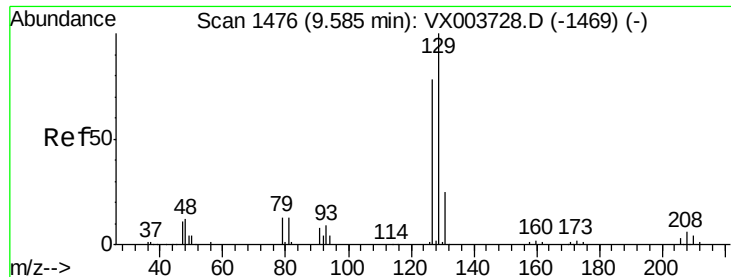
Tot Ion: 63 Resp: 115455
Ion Ratio Lower Upper
63 100
106 28.3 22.5 33.7



#59
2-Hexanone
Concen: 230.12 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 43 Resp: 136934
Ion Ratio Lower Upper
43 100
58 54.6 28.0 83.9





#60

Dibromochloromethane

Concen: 53.53 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

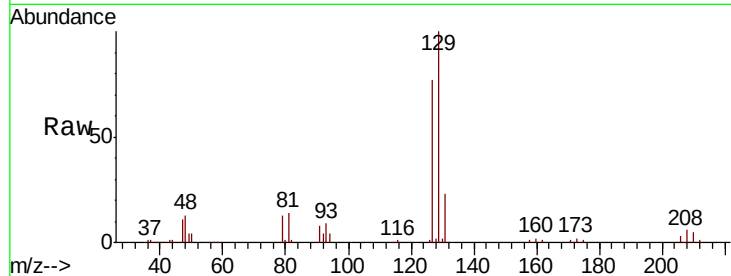
SB-1(3-5)MS

Tot Ion:129 Resp: 34439

Ion Ratio Lower Upper

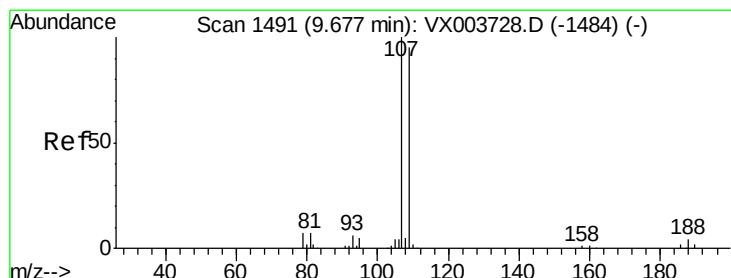
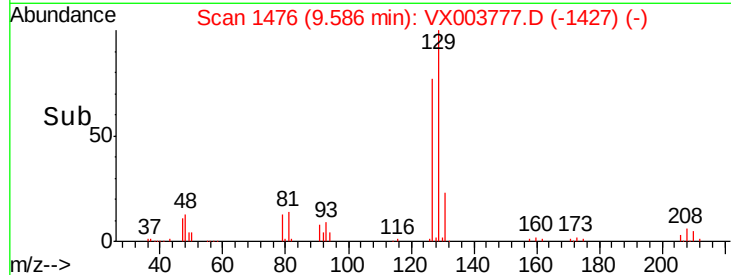
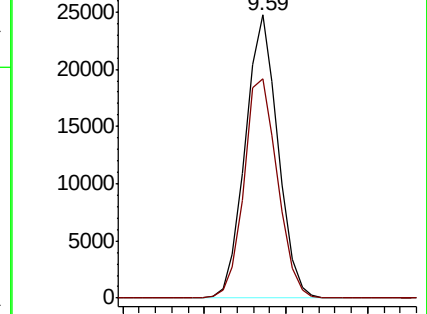
129 100

127 79.4 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003777.D

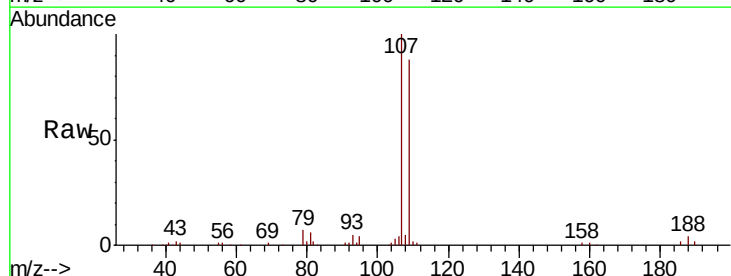
Acq: 01 Aug 2018 04:19

Tgt Ion:107 Resp: 32547

Ion Ratio Lower Upper

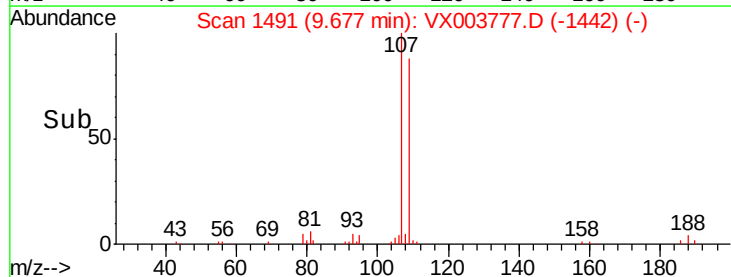
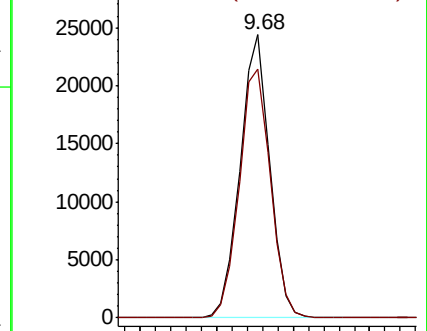
107 100

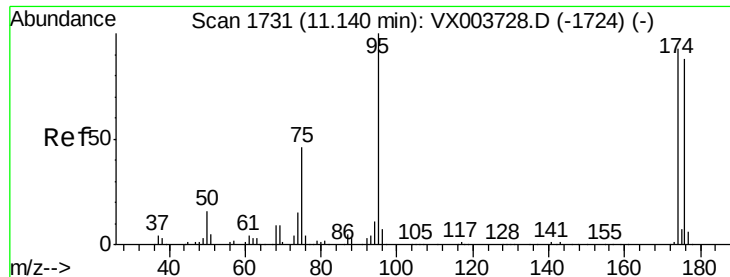
109 92.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

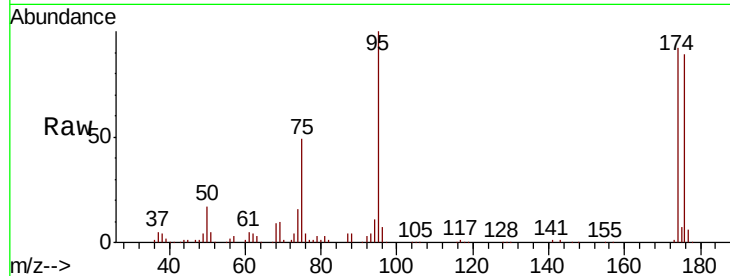




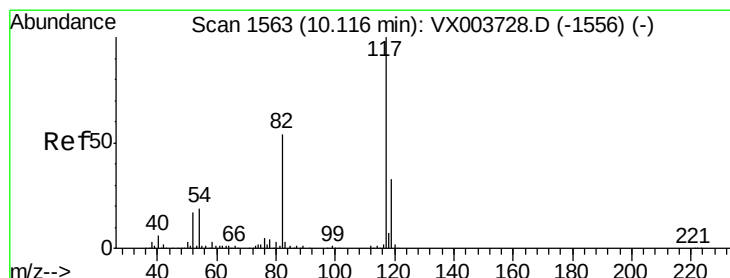
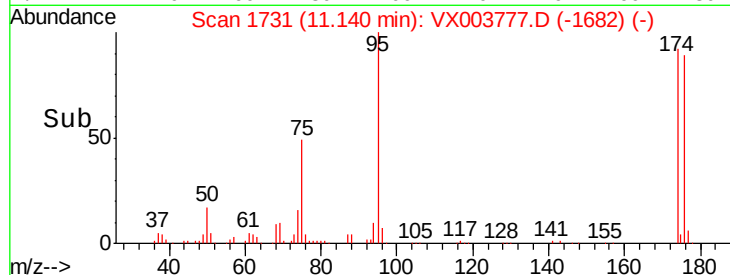
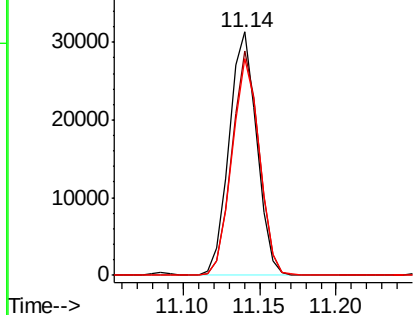
#62
4-Bromofluorobenzene
Concen: 39.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion: 95 Resp: 39229
Ion Ratio Lower Upper
95 100
174 90.0 0.0 186.2
176 88.1 0.0 179.2

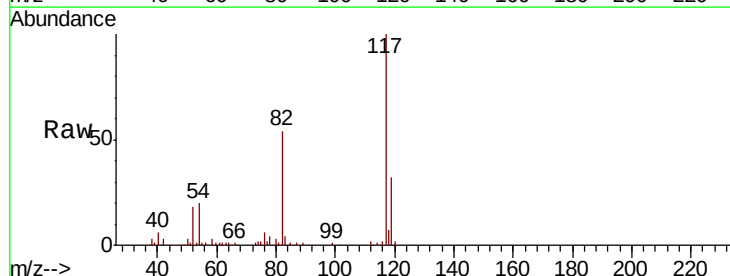


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

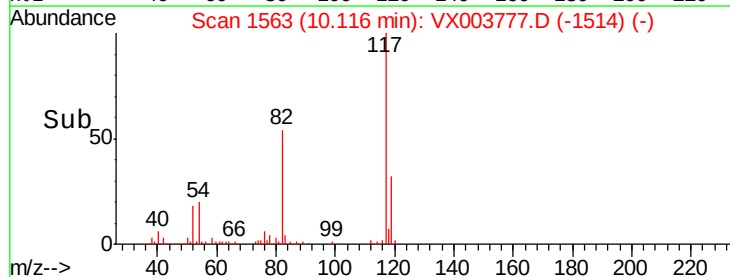
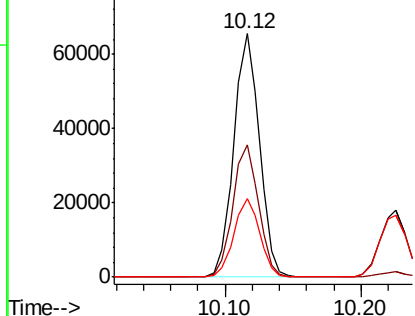


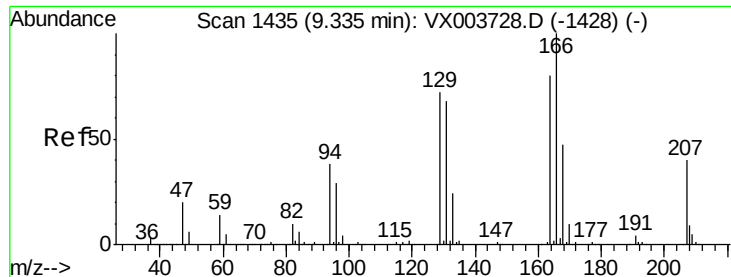
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 117 Resp: 85971
Ion Ratio Lower Upper
117 100
82 54.1 43.2 64.8
119 32.1 26.3 39.5



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





#64

Tetrachloroethene

Concen: 61.42 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion:164 Resp: 41504

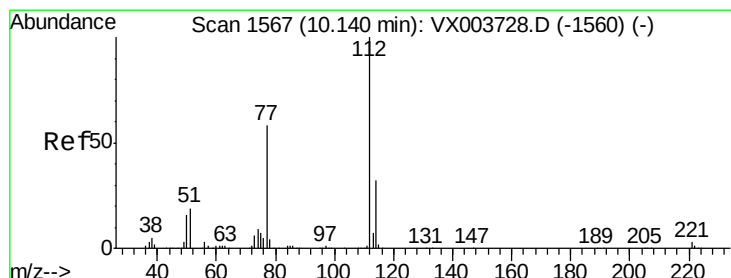
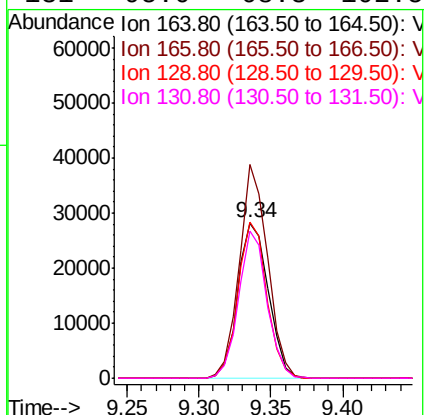
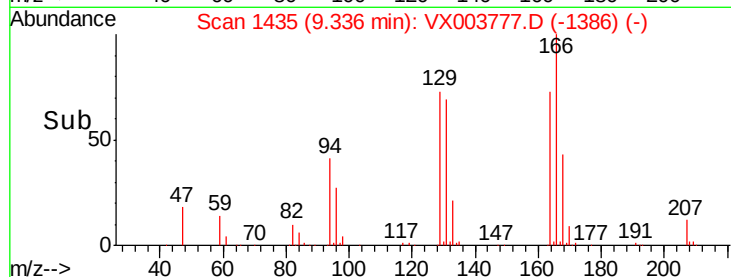
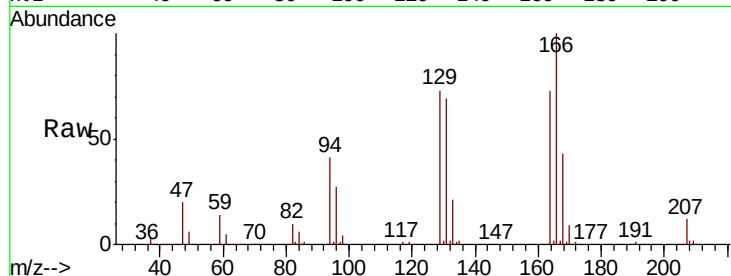
Ion Ratio Lower Upper

164 100

166 137.6 100.4 150.6

129 100.8 71.8 107.8

131 95.0 68.3 102.5



#65

Chlorobenzene

Concen: 51.39 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003777.D

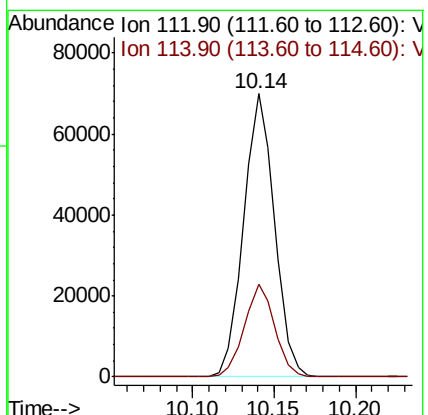
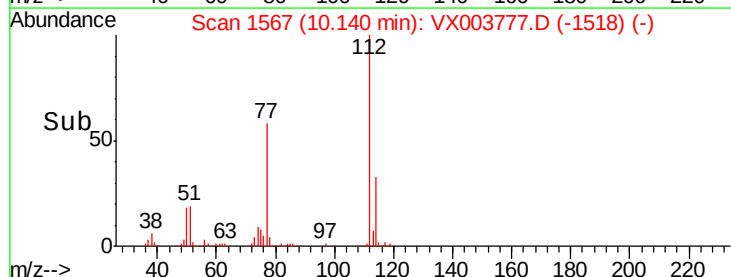
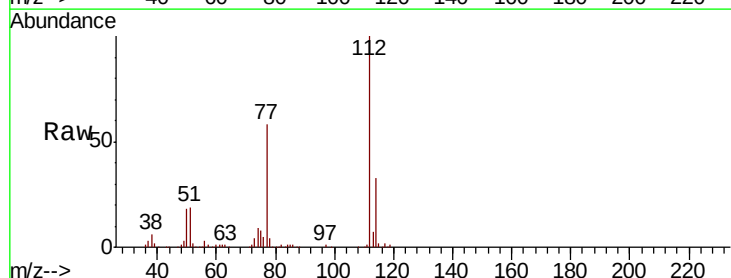
Acq: 01 Aug 2018 04:19

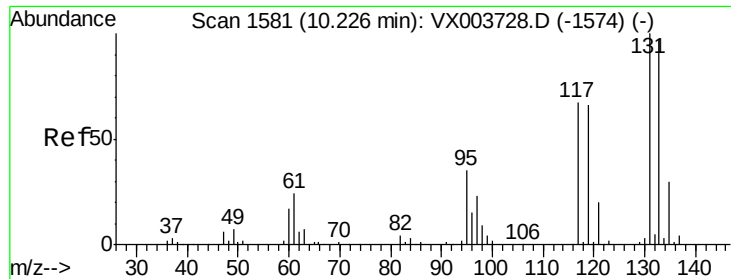
Tgt Ion:112 Resp: 92331

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 61.41 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

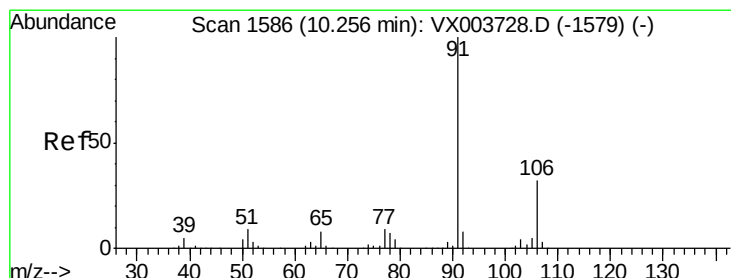
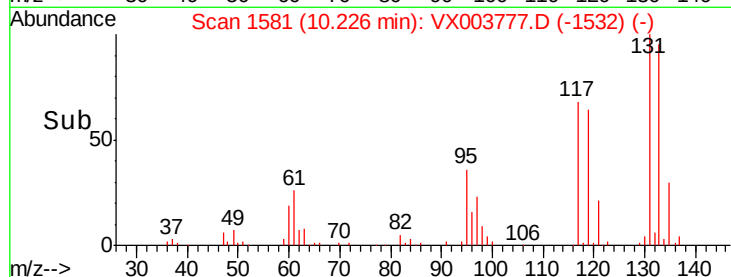
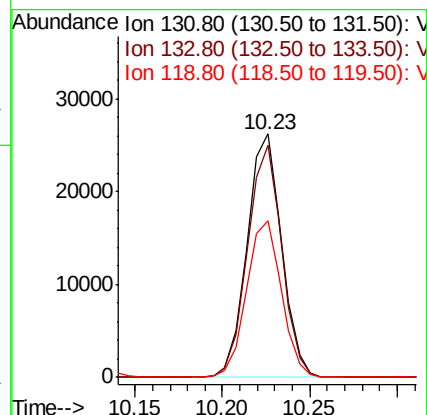
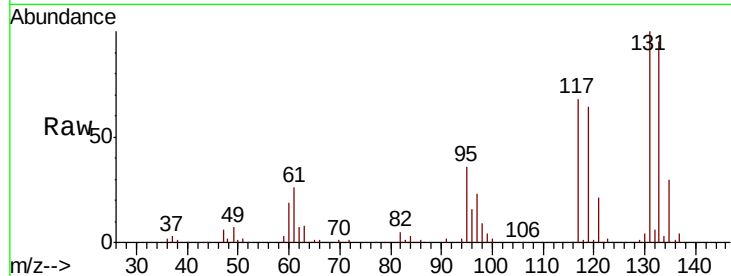
Tot Ion:131 Resp: 35977

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.9

119 64.9 32.8 98.3



#67

Ethyl Benzene

Concen: 51.72 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003777.D

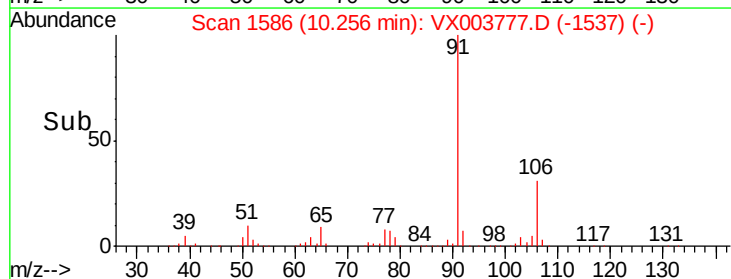
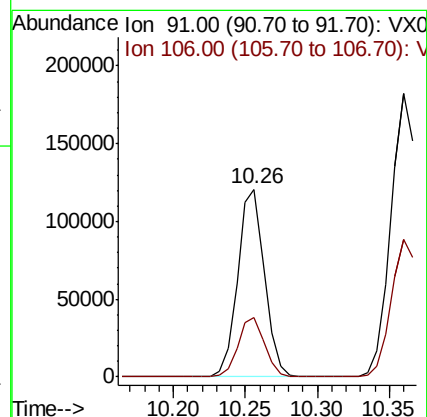
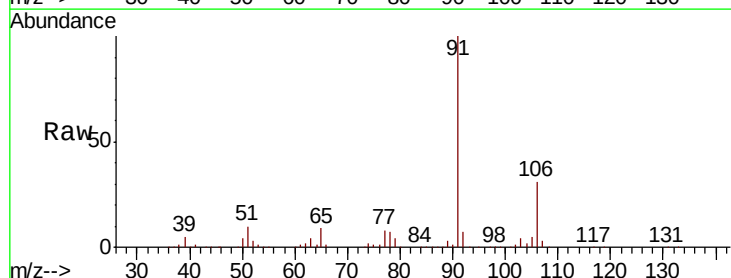
Acq: 01 Aug 2018 04:19

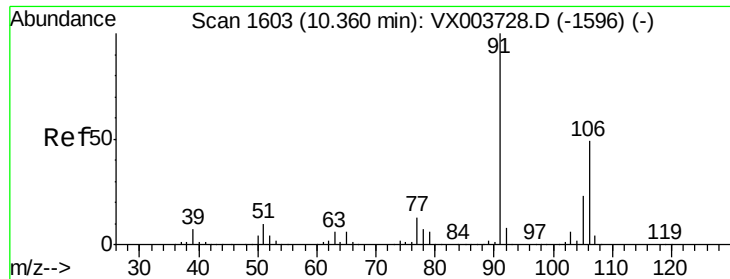
Tgt Ion: 91 Resp: 156890

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2

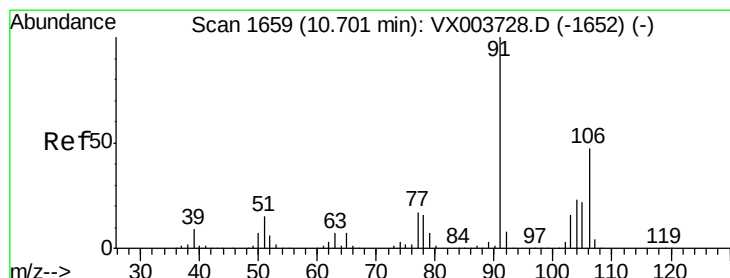
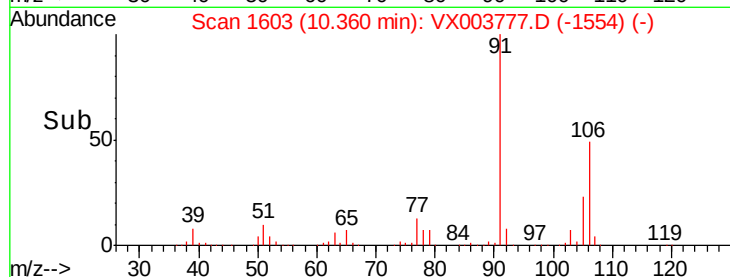
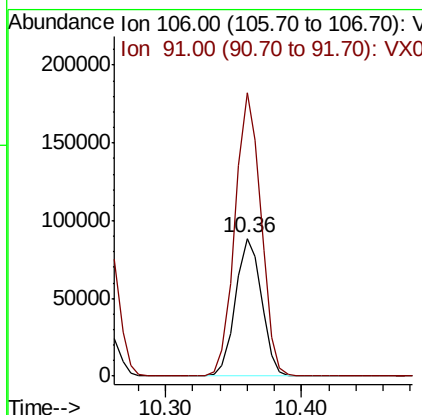
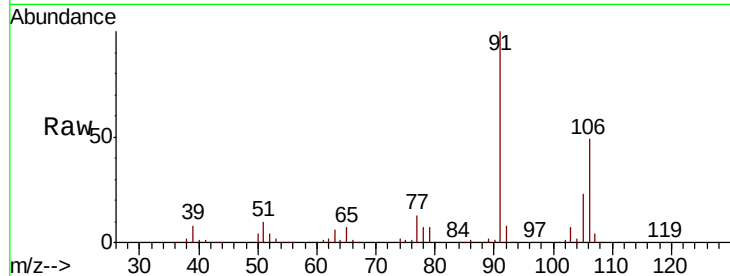




#68
m/p-Xylenes
Concen: 100.23 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

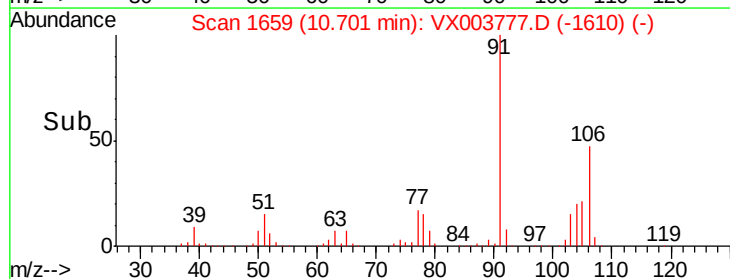
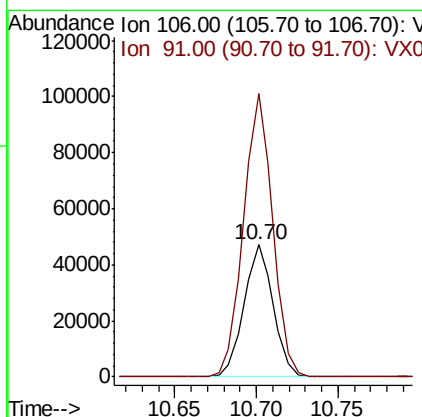
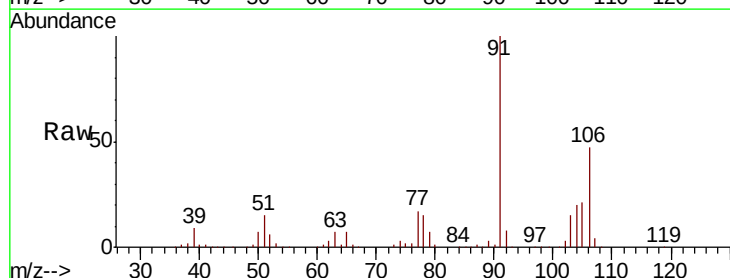
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

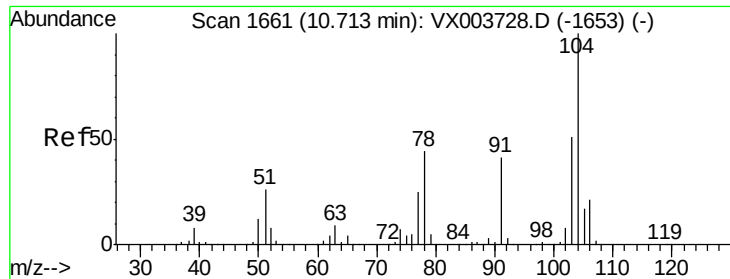
Tot Ion:106 Resp: 118939
Ion Ratio Lower Upper
106 100
91 203.4 159.8 239.8



#69
o-Xylene
Concen: 53.40 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:106 Resp: 58840
Ion Ratio Lower Upper
106 100
91 214.1 105.6 316.8





#70

Stvrene

Concen: 49.39 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

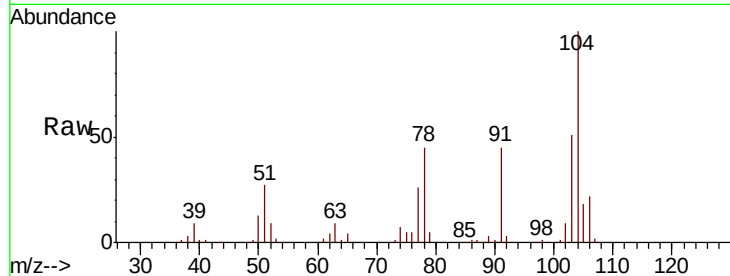
Tot Ion:104 Resp: 91558

Ion Ratio Lower Upper

104 100

78 49.5 38.2 57.2

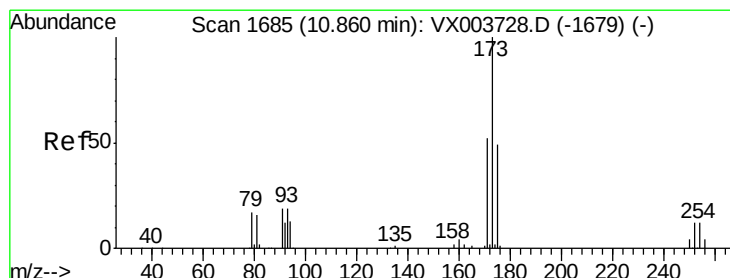
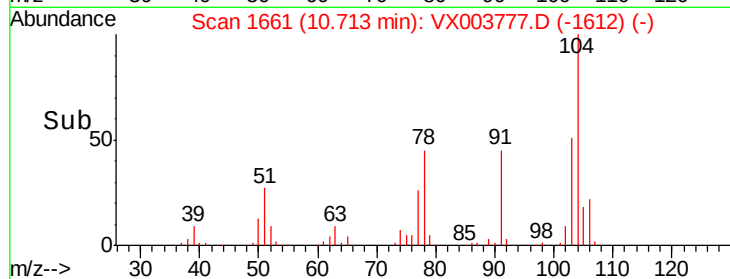
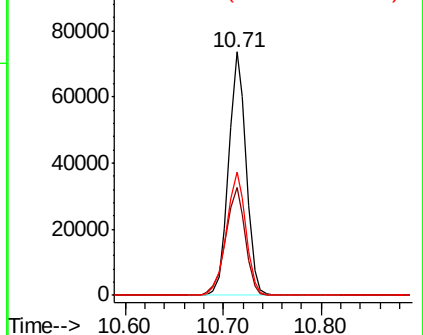
103 55.8 44.5 66.7



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: 54.08 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

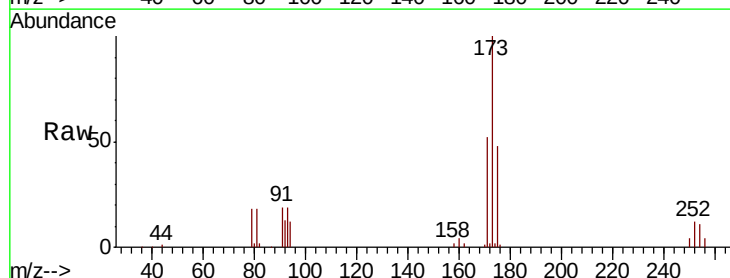
Tgt Ion:173 Resp: 21784

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

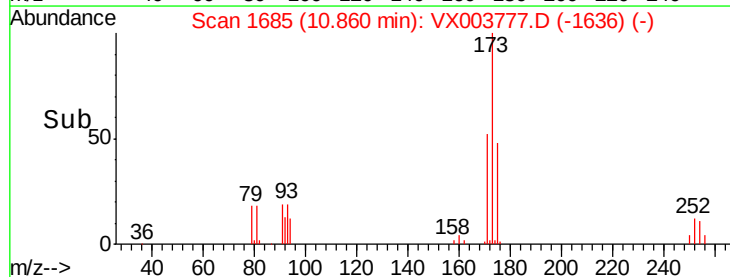
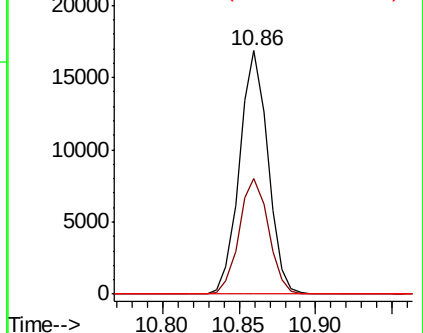
254 0.0 0.0 0.0

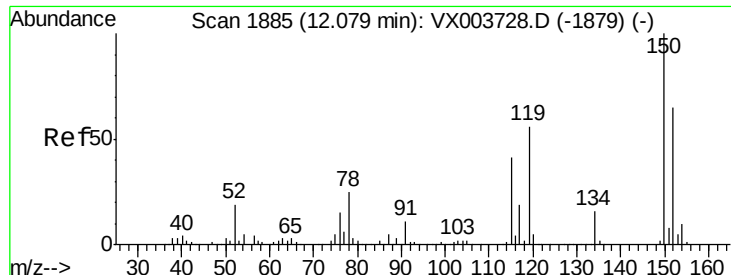


Abundance Ion 172.70 (172.40 to 173.40): V

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# 1885

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

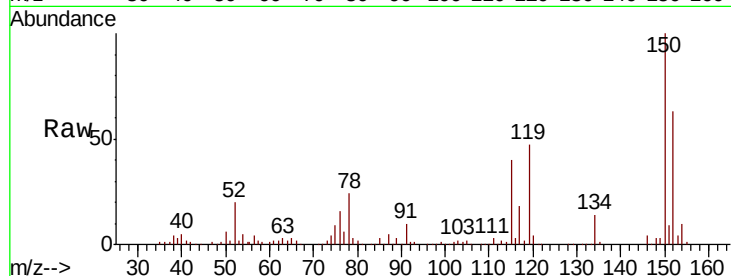
Tot Ion:152 Resp: 32908

Ion Ratio Lower Upper

152 100

115 78.4 38.5 115.3

150 174.2 0.0 346.2

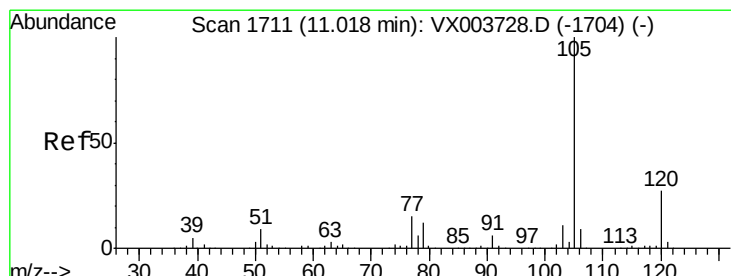
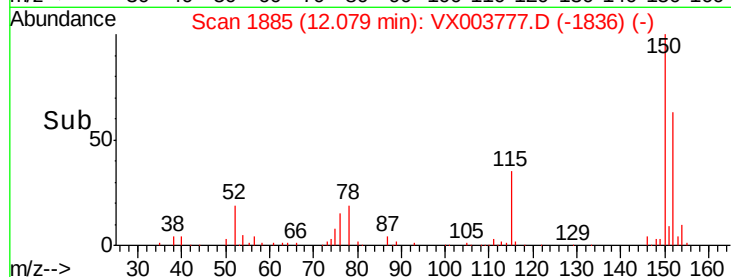
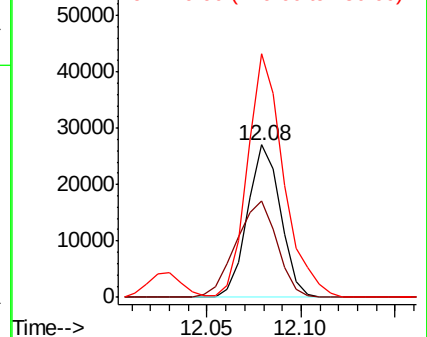


Abundance

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: 68.06 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003777.D

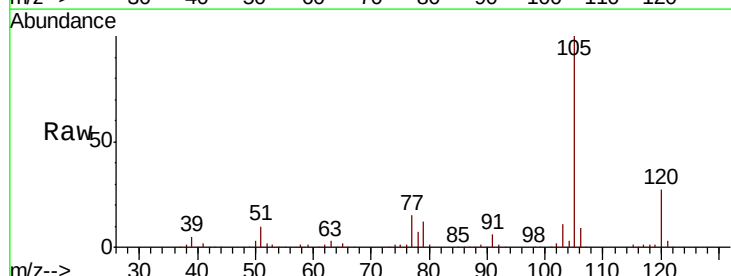
Acq: 01 Aug 2018 04:19

Tgt Ion:105 Resp: 140206

Ion Ratio Lower Upper

105 100

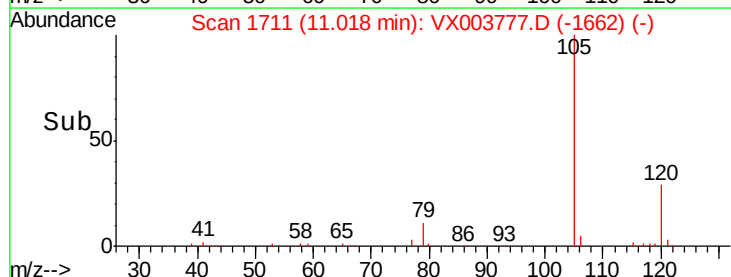
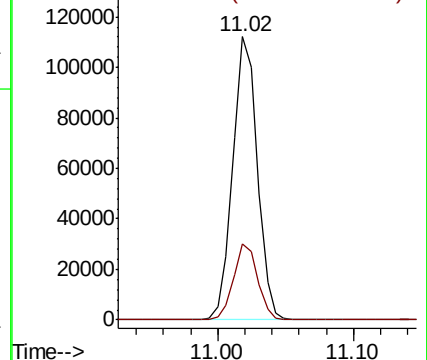
120 26.5 13.5 40.5

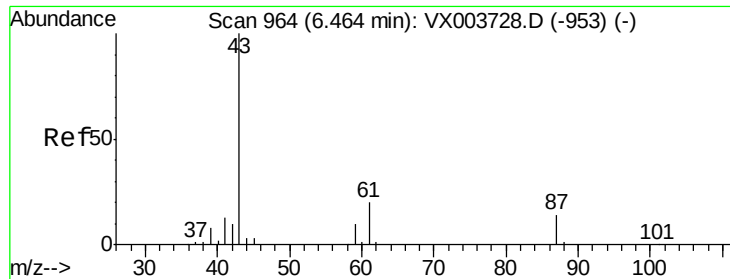


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 83.23 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion: 43 Resp: 60778

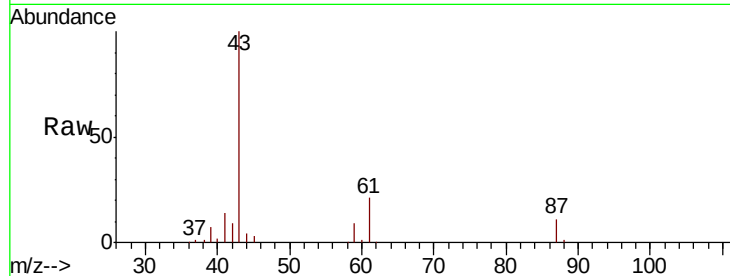
Ion Ratio Lower Upper

43 100

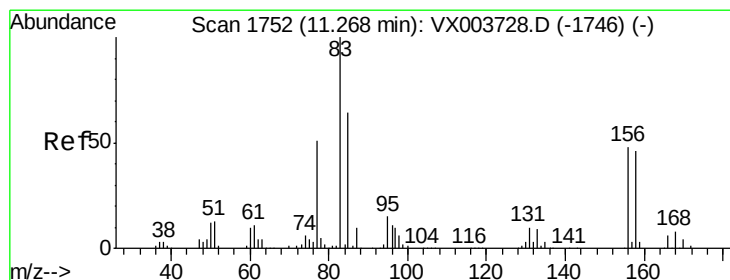
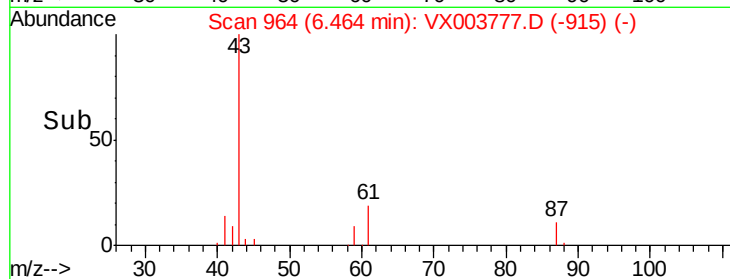
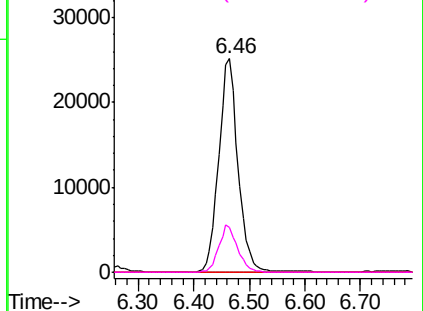
70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 21.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 80.45 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

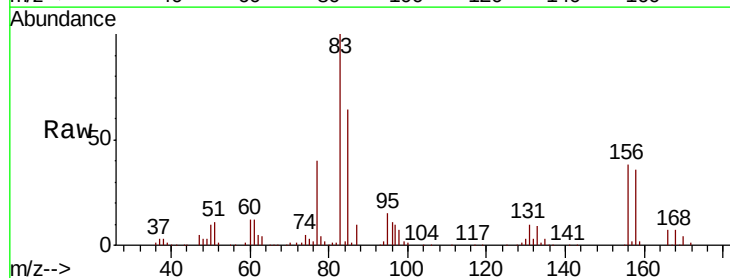
Tgt Ion: 83 Resp: 43087

Ion Ratio Lower Upper

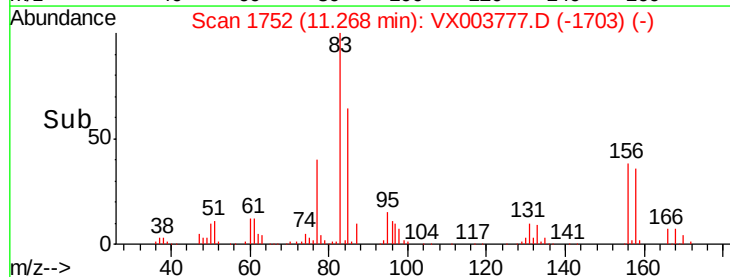
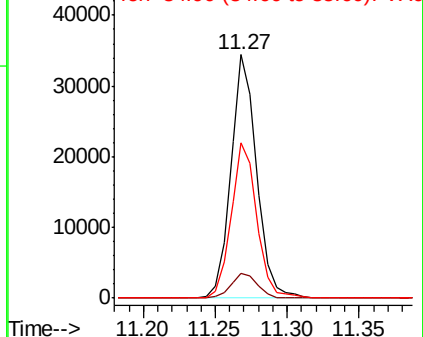
83 100

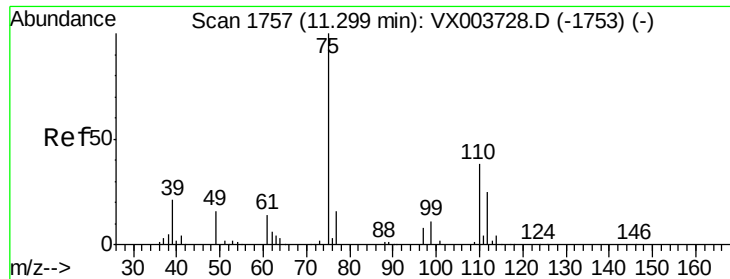
131 10.4 5.3 15.9

85 63.8 32.0 96.2



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

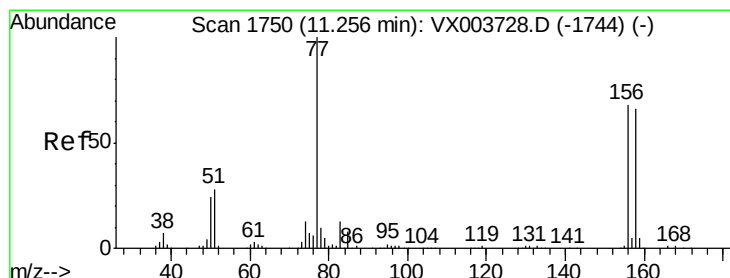
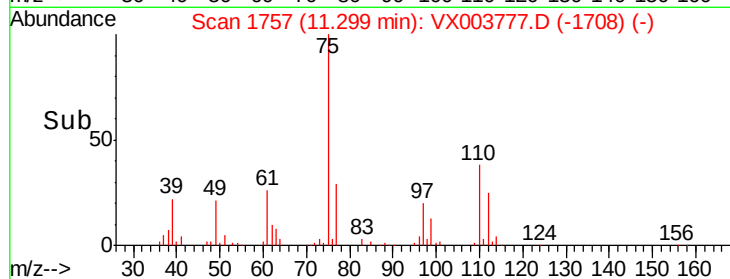
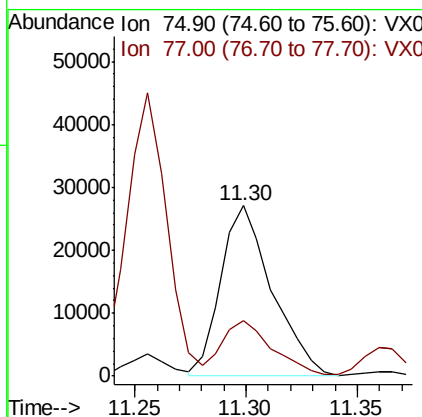
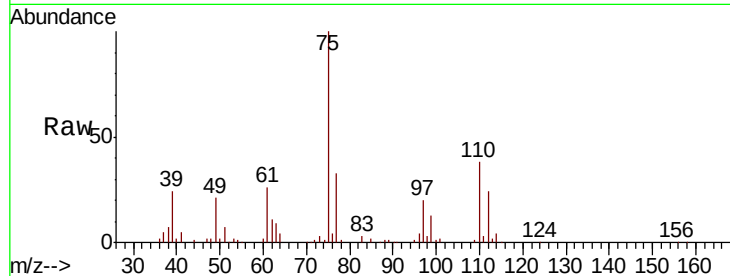




#76
 1,2,3-Trichloropropane
 Concen: 95.59 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

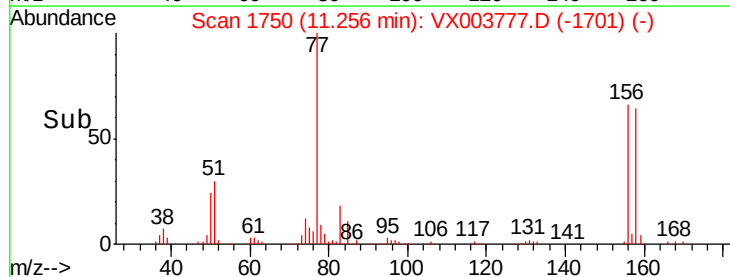
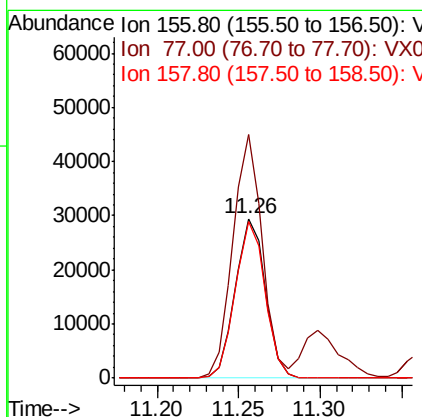
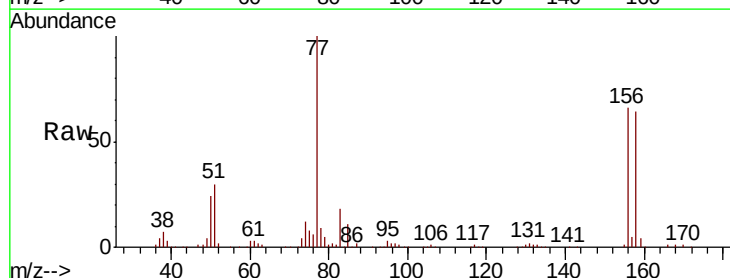
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

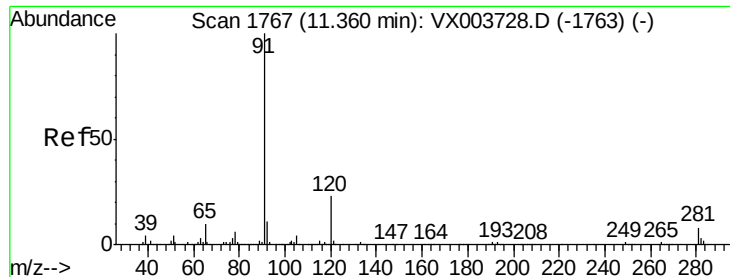
Tot Ion: 75 Resp: 43360
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.6 65.0



#77
 Bromobenzene
 Concen: 70.48 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 156 Resp: 37854
 Ion Ratio Lower Upper
 156 100
 77 149.1 71.8 215.3
 158 97.3 48.8 146.4





#78

n-propylbenzene

Concen: 58.75 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

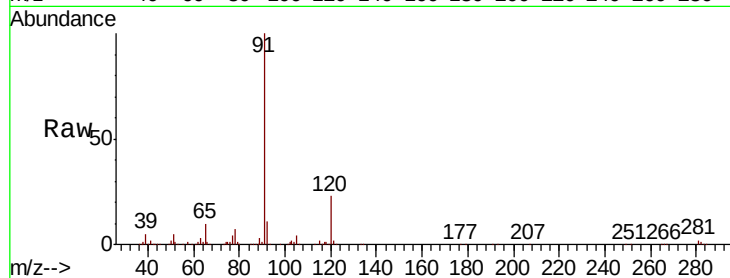
SB-1(3-5)MS

Tot Ion: 91 Resp: 146619

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

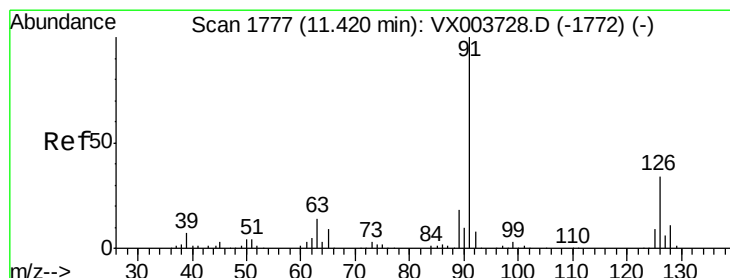
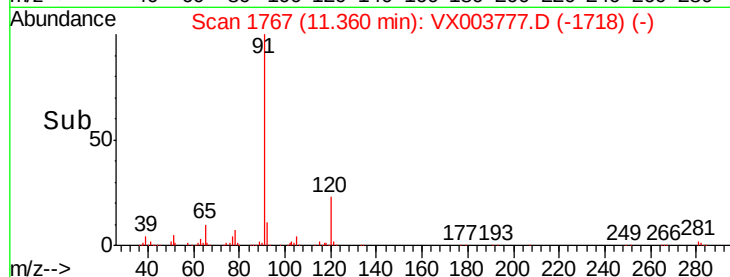
11.36

100000

50000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 64.74 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003777.D

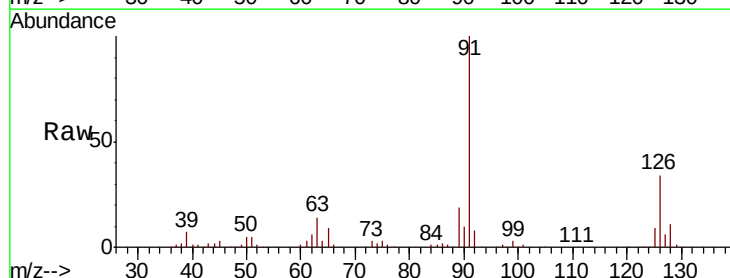
Acq: 01 Aug 2018 04:19

Tgt Ion: 91 Resp: 91733

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

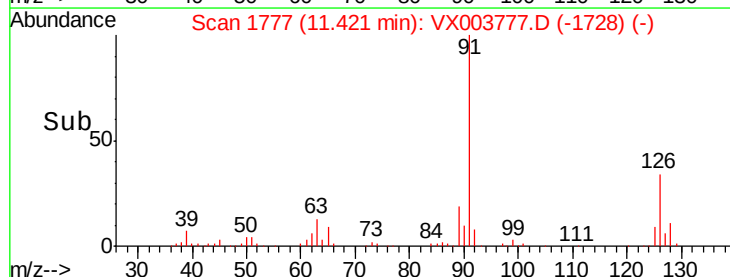
11.42

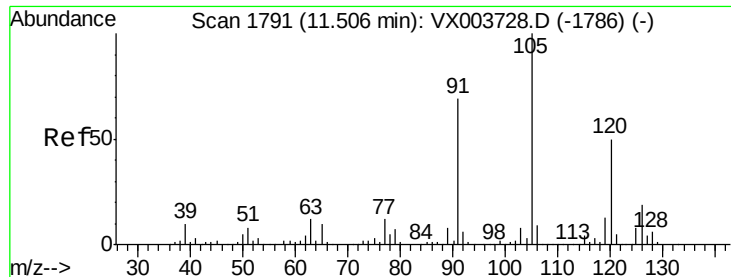
100000

50000

0

Time--> 11.40 11.45

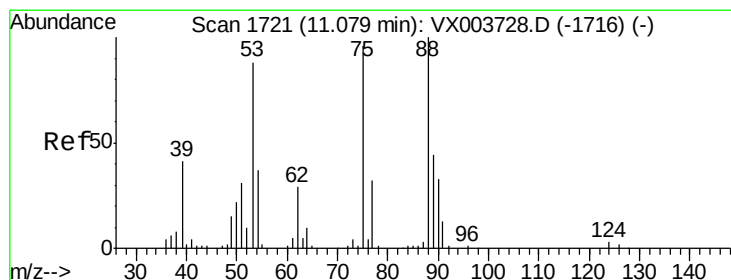
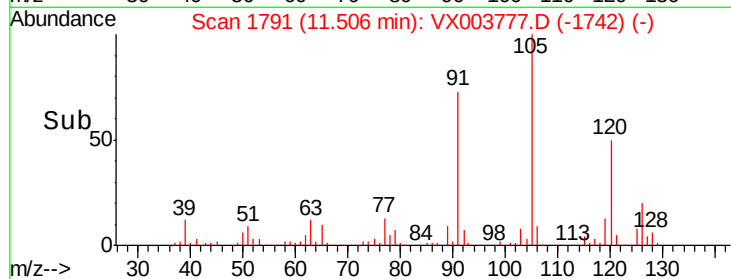
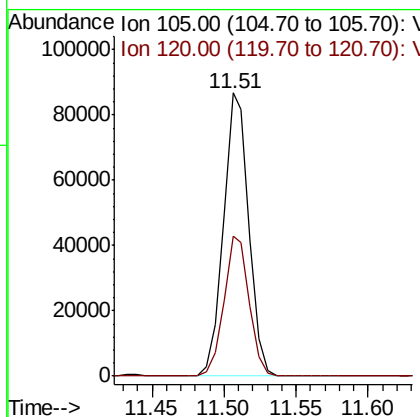
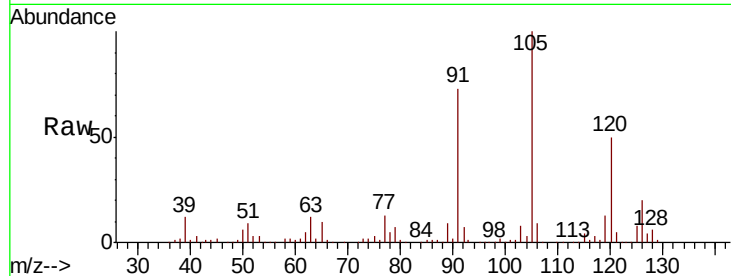




#80
 1,3,5-Trimethylbenzene
 Concen: 61.10 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

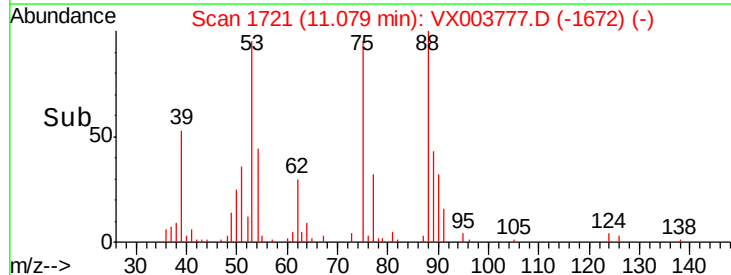
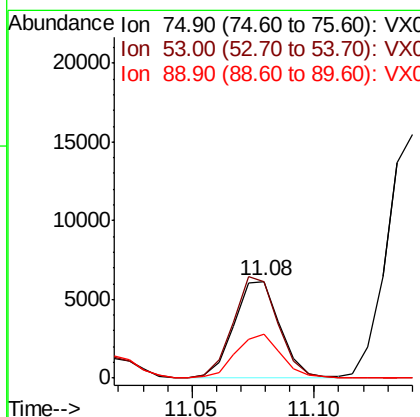
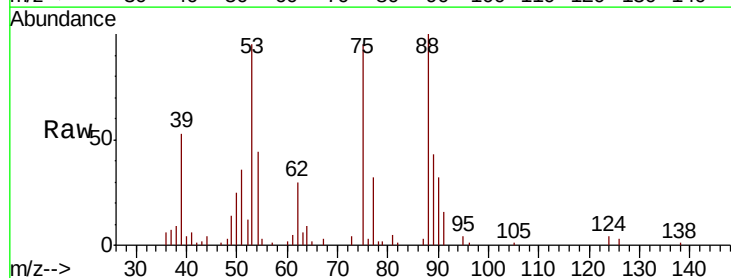
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

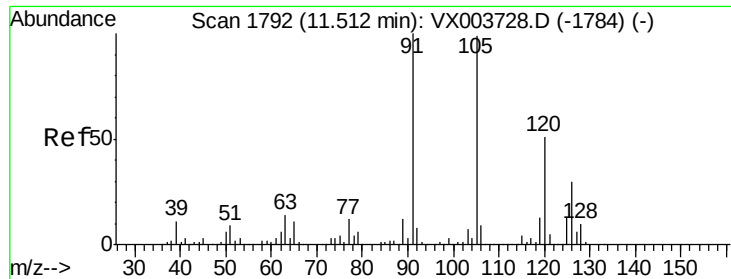
Tot Ion:105 Resp: 107448
 Ion Ratio Lower Upper
 105 100
 120 49.3 15.8 47.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.55 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 75 Resp: 8048
 Ion Ratio Lower Upper
 75 100
 53 101.5 75.8 113.8
 89 44.3 39.1 58.7

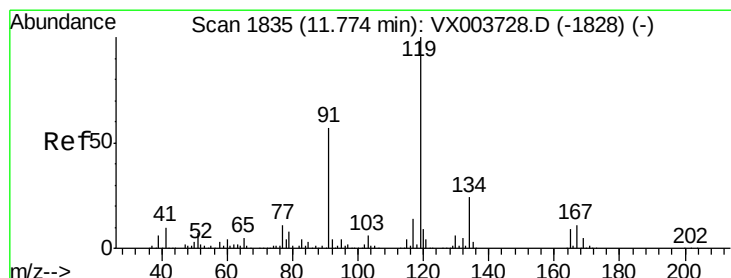
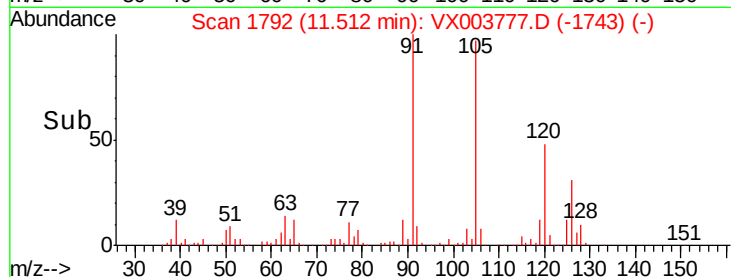
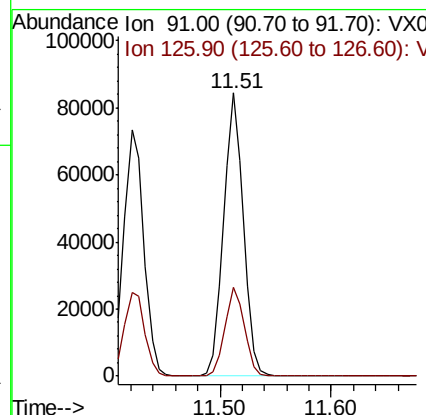
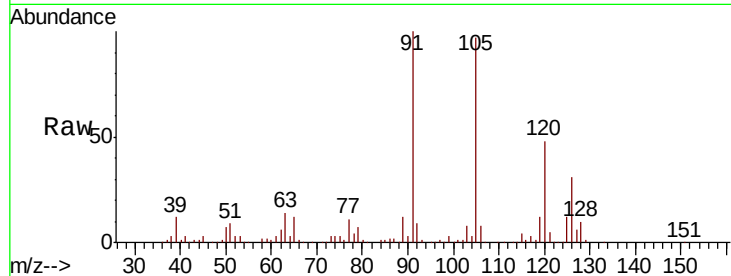




#82
4-Chlorotoluene
Concen: 60.22 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

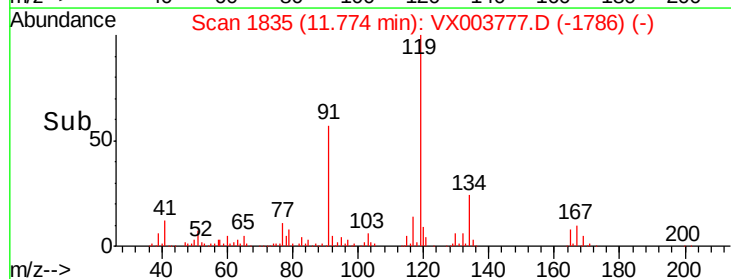
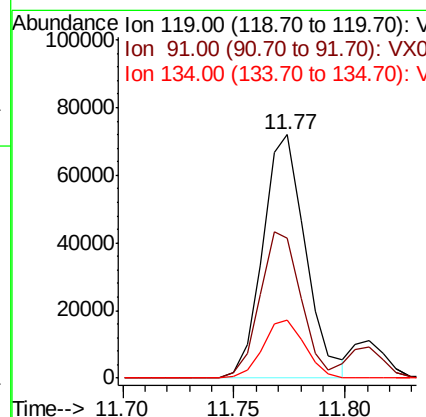
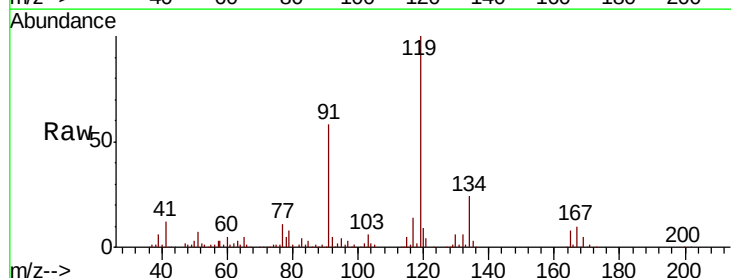
Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

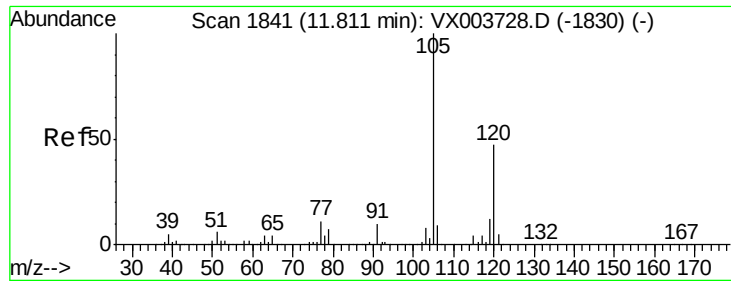
Tot Ion: 91 Resp: 103498
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7



#83
tert-Butylbenzene
Concen: 55.18 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion: 119 Resp: 95964
Ion Ratio Lower Upper
119 100
91 57.9 27.2 81.6
134 23.4 11.6 34.8

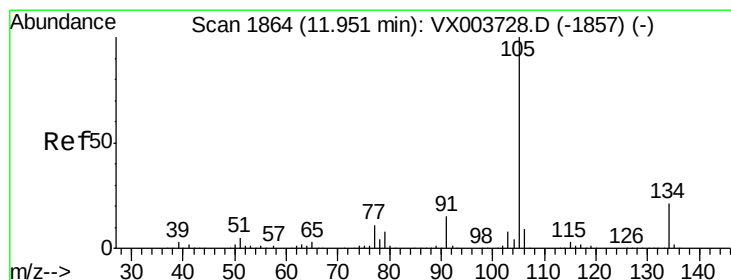
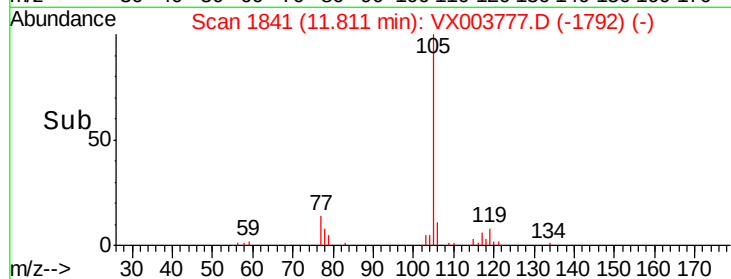
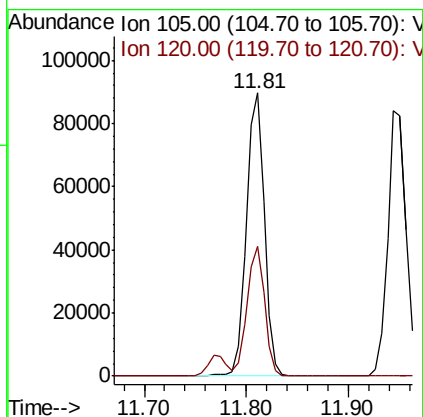
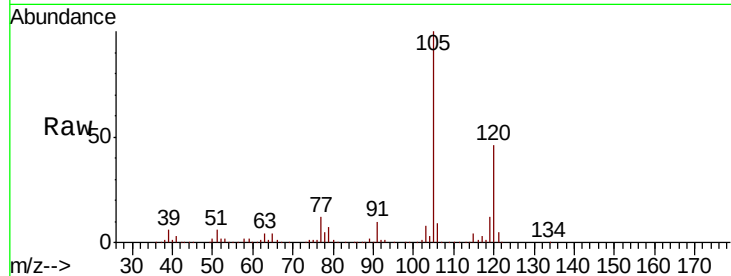




#84
1,2,4-Trimethylbenzene
Concen: 60.54 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

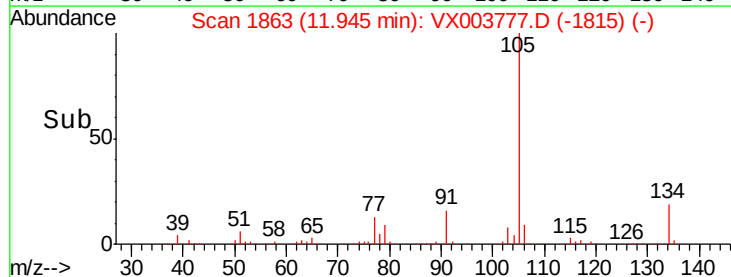
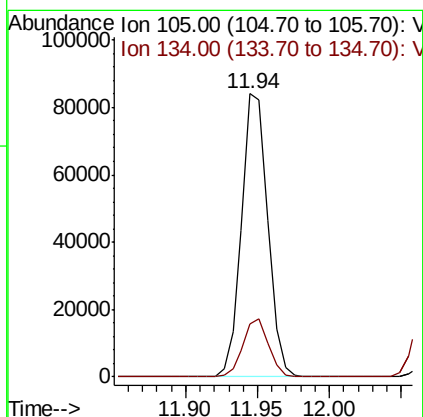
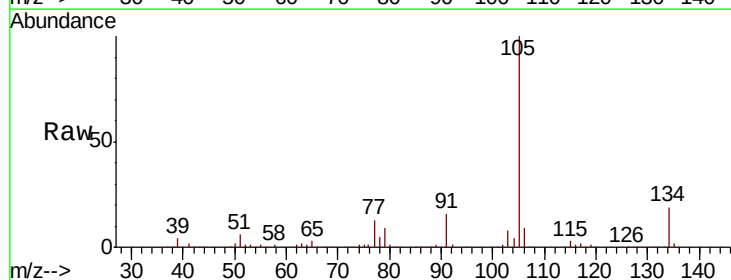
Instrument :
MSVOA_X
ClientSampled :
SB-1(3-5)MS

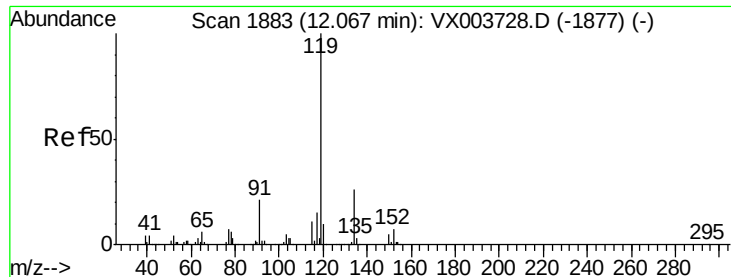
Tot Ion:105 Resp: 109585
Ion Ratio Lower Upper
105 100
120 44.8 23.1 69.2



#85
sec-Butylbenzene
Concen: 47.66 ug/l
RT: 11.94 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:105 Resp: 106050
Ion Ratio Lower Upper
105 100
134 20.0 10.3 30.8

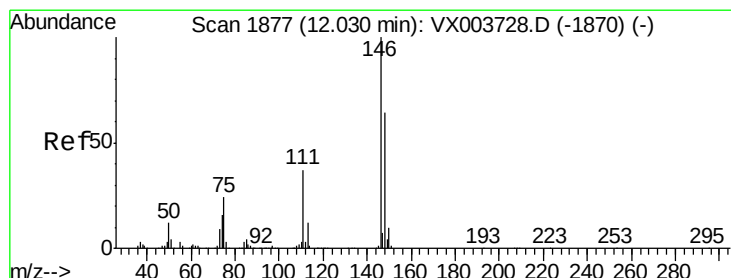
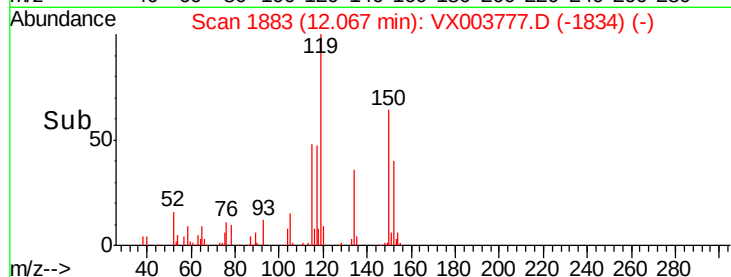
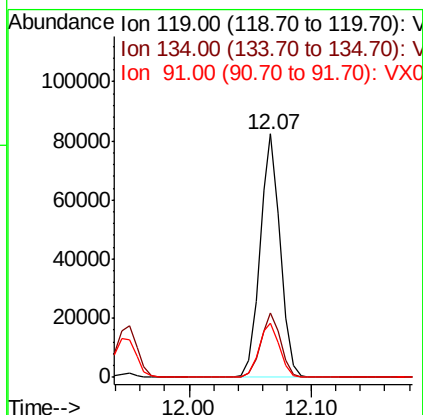
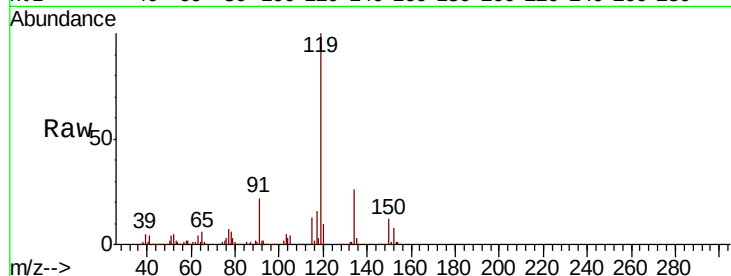




#86
 p-Isopropyltoluene
 Concen: 46.89 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

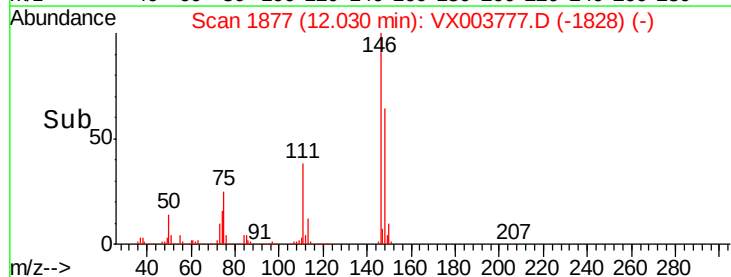
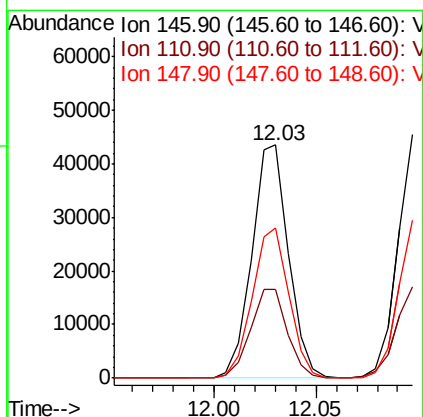
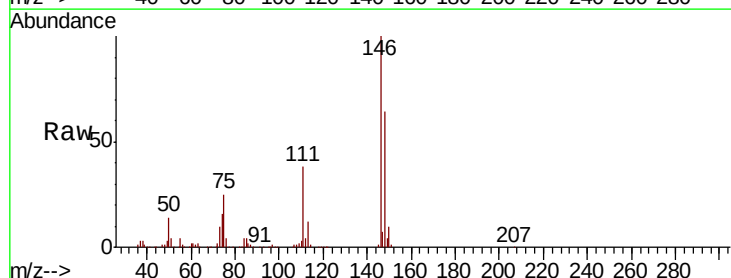
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

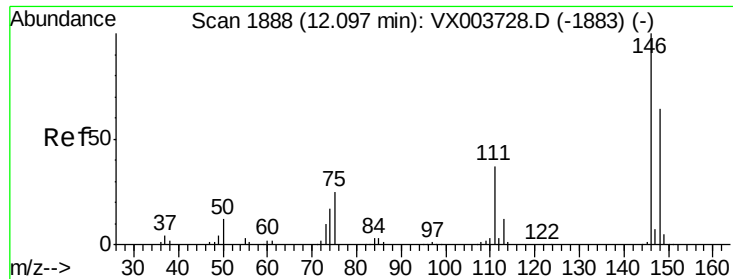
Tot Ion:119 Resp: 94835
 Ion Ratio Lower Upper
 119 100
 134 26.3 10.1 30.1
 91 23.0 23.6 70.8#



#87
 1,3-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion:146 Resp: 54489
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.8 56.3
 148 64.1 31.9 95.9

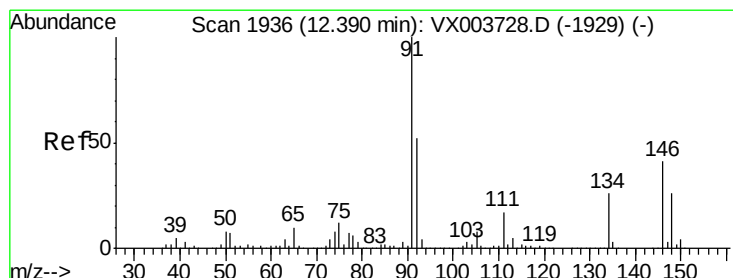
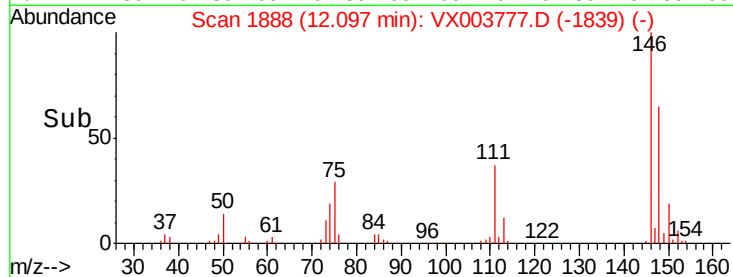
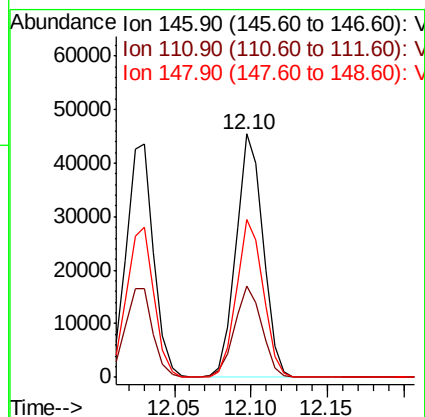
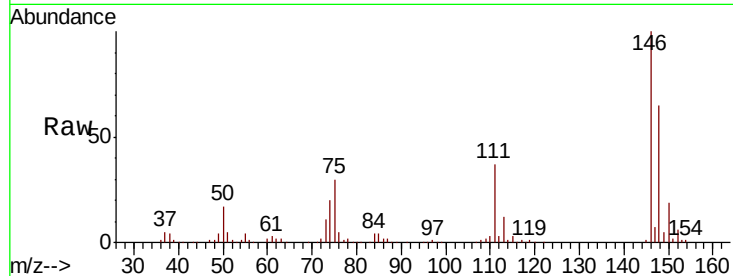




#88
 1,4-Dichlorobenzene
 Concen: 50.30 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

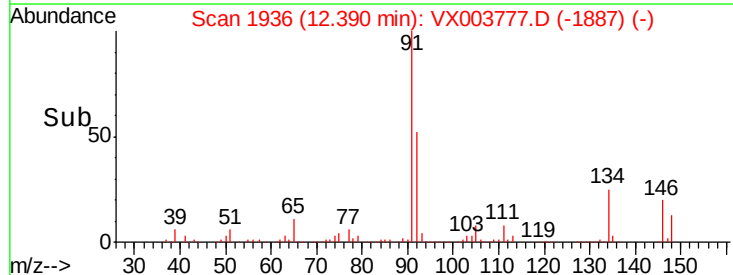
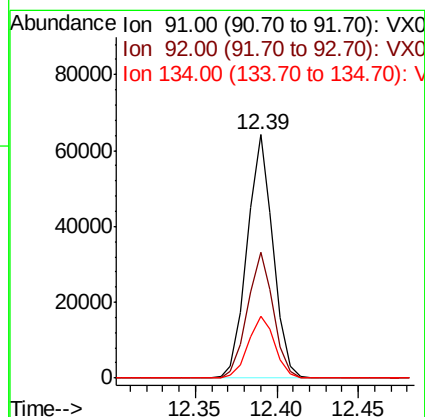
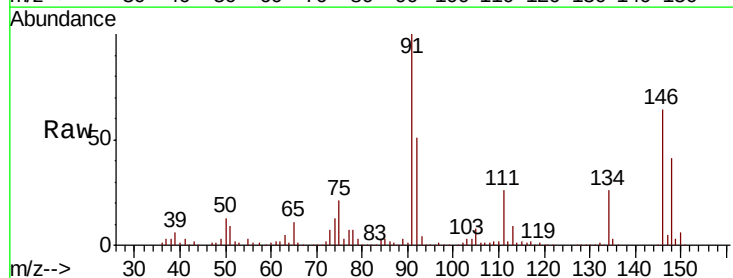
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1(3-5)MS

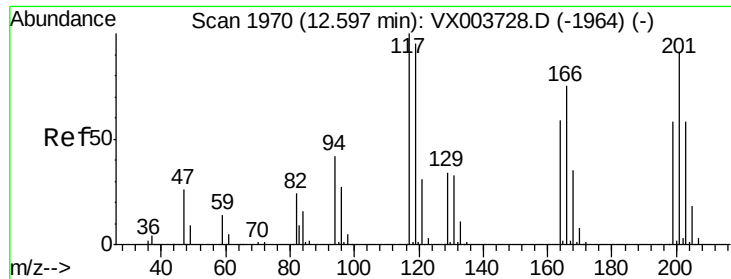
Tot Ion:146 Resp: 55761
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.3 54.9
 148 64.2 32.0 96.2



#89
 n-Butylbenzene
 Concen: 36.88 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Tgt Ion: 91 Resp: 70994
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.2 78.5
 134 26.2 13.6 40.7

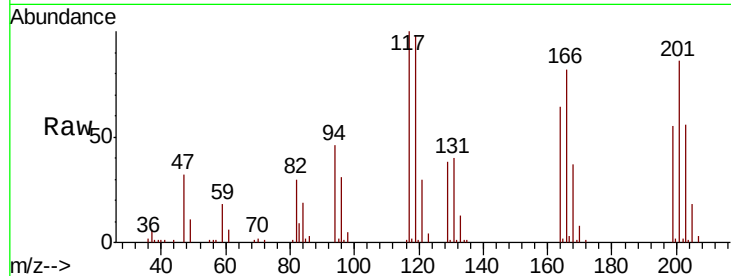




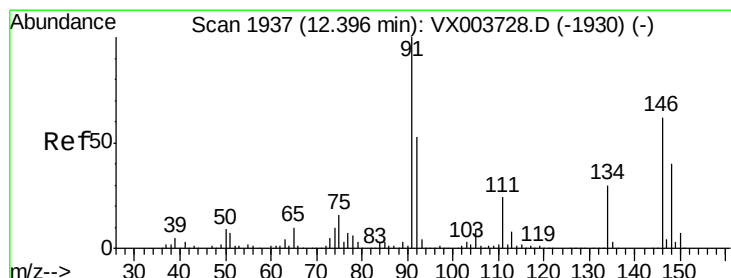
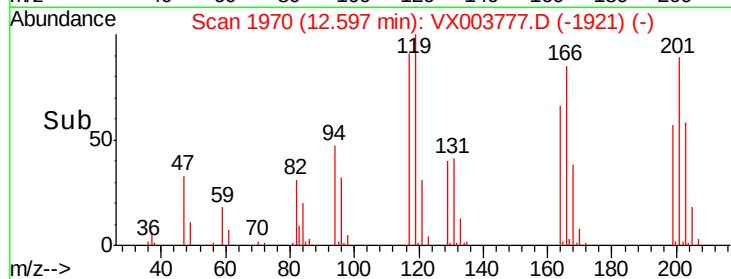
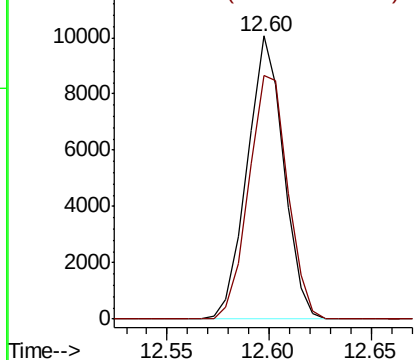
#90
Hexachloroethane
Concen: 41.51 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Instrument :
MSVOA_X
ClientSampleId :
SB-1(3-5)MS

Tot Ion:117 Resp: 12465
Ion Ratio Lower Upper
117 100
201 92.2 49.3 147.8

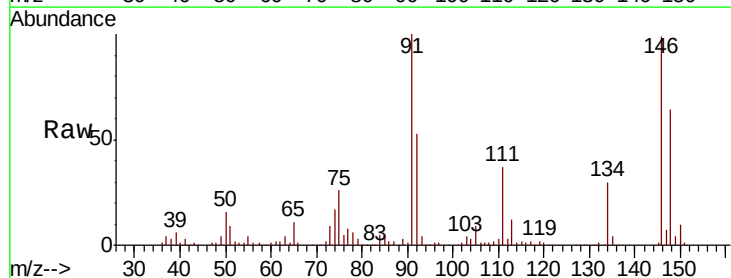


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

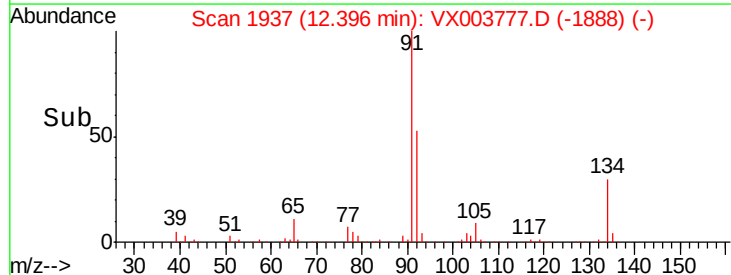
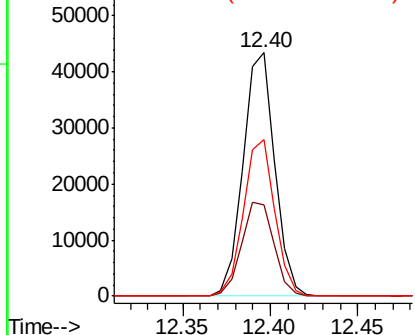


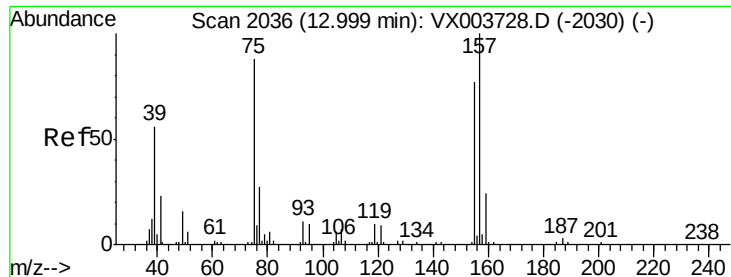
#91
1,2-Dichlorobenzene
Concen: 53.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003777.D
Acq: 01 Aug 2018 04:19

Tgt Ion:146 Resp: 54609
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.4
148 63.6 32.0 96.0



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 60.19 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

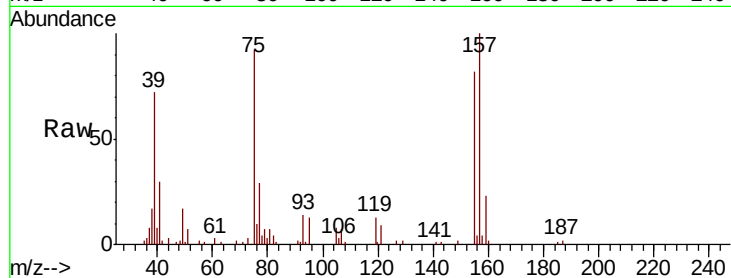
MSVOA_X

ClientSampleId :

SB-1(3-5)MS

Tot Ion: 75 Resp: 6397

Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.9	146.7
157	116.1	63.7	191.1

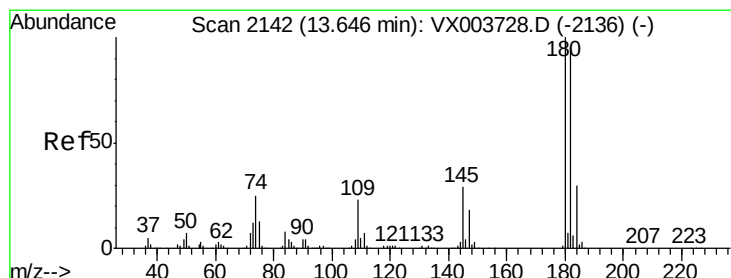
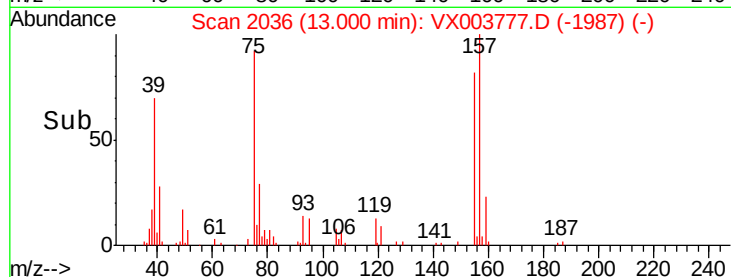
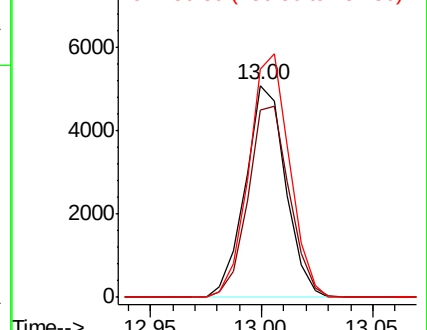


Abundance

Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 28.26 ug/l

RT: 13.65 min Scan# 2142

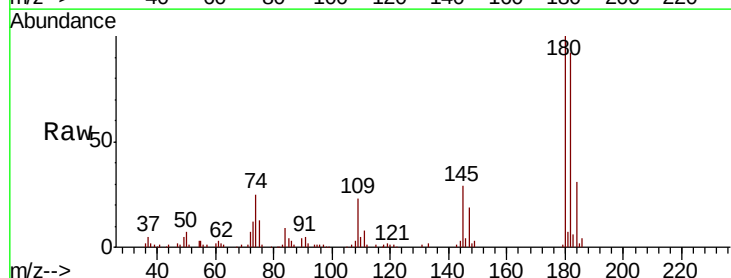
Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Tgt Ion: 180 Resp: 22685

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	28.5	14.1	42.2

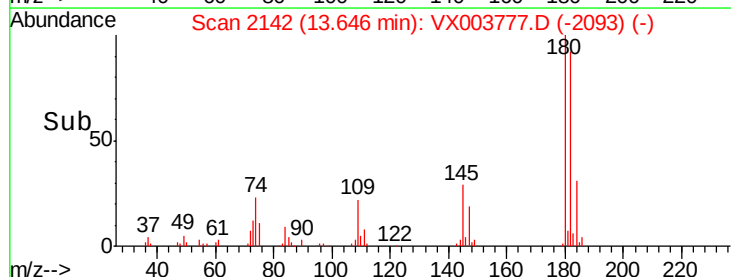
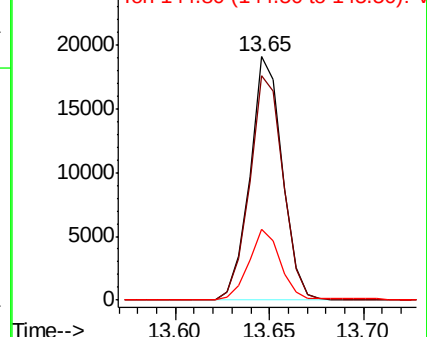


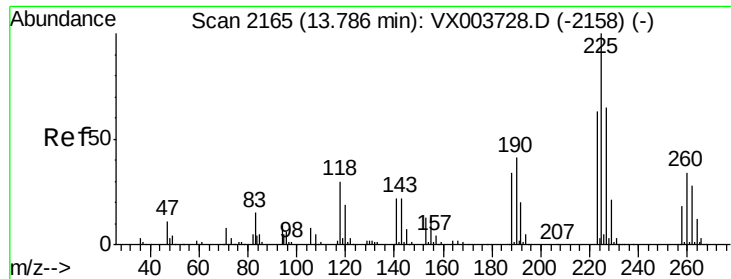
Abundance

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: 18.85 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

Instrument :

MSVOA_X

ClientSampled :

SB-1(3-5)MS

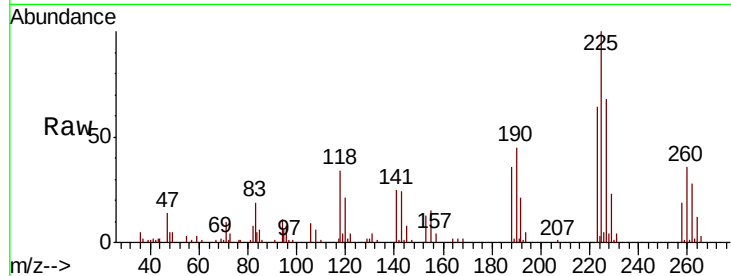
Tot Ion:225 Resp: 9677

Ion Ratio Lower Upper

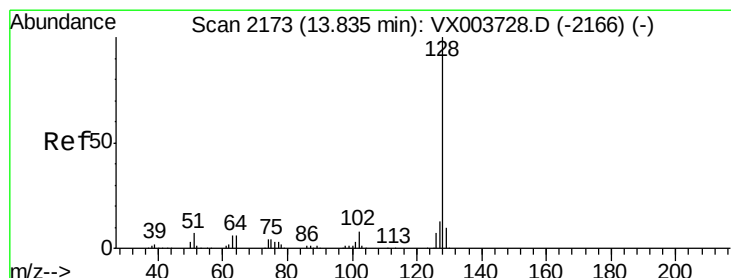
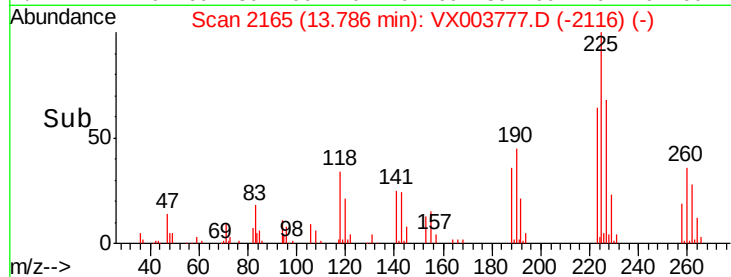
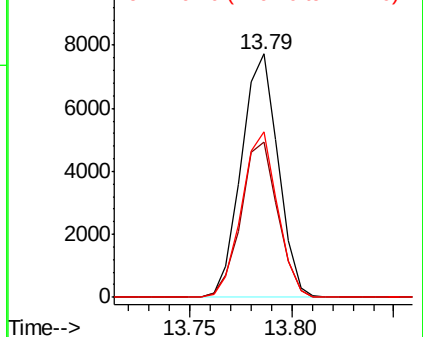
225 100

223 63.8 31.1 93.5

227 66.2 31.9 95.9



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: 68.08 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003777.D

Acq: 01 Aug 2018 04:19

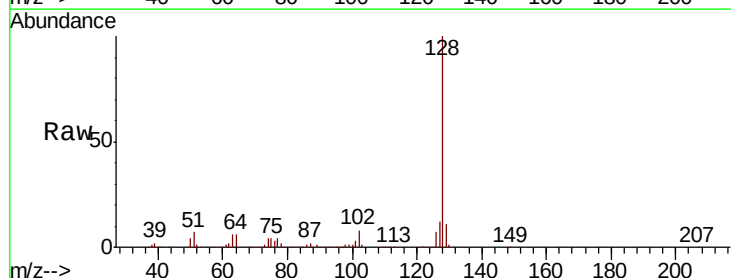
Tgt Ion:128 Resp: 116765

Ion Ratio Lower Upper

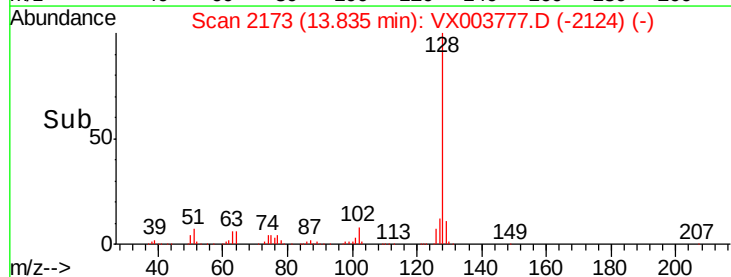
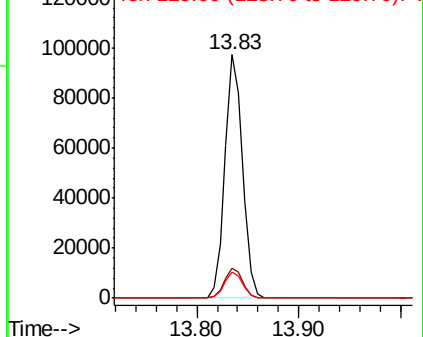
128 100

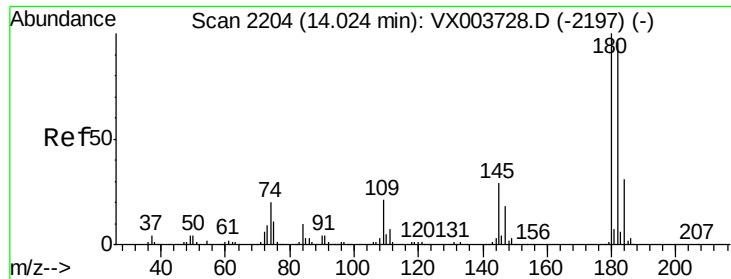
127 12.8 10.2 15.2

129 10.9 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: 28.21 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003777.D
 Acq: 01 Aug 2018 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(3-5)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.8
145	31.7	14.7	44.1

