

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
 Data File : VX008067.D
 Acq On : 14 Mar 2019 13:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 14:59:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:56:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	152594	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	140815	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	533710	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	194893	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	142347	54.052	ug/l	99
3) Chloromethane	1.33	50	157010	50.636	ug/l	99
4) Vinyl Chloride	1.41	62	147220	49.759	ug/l	98
5) Bromomethane	1.64	94	79604	55.580	ug/l	99
6) Chloroethane	1.72	64	83394	52.393	ug/l	99
7) Trichlorofluoromethane	1.93	101	180268	50.766	ug/l	98
8) Diethyl Ether	2.19	74	97300	55.122	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148003	55.767	ug/l	98
10) Methyl Iodide	2.51	142	168209	45.369	ug/l	98
11) Tert butyl alcohol	3.07	59	168187	262.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136988	54.611	ug/l	93
13) Acrolein	2.29	56	138525	234.549	ug/l	100
14) Allyl chloride	2.73	41	246957	54.052	ug/l	97
15) Acrylonitrile	3.15	53	412012	263.525	ug/l	100
16) Acetone	2.45	43	428709	273.626	ug/l	98
17) Carbon Disulfide	2.57	76	418186	58.062	ug/l	100
18) Methyl Acetate	2.78	43	185450	54.764	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	457776	53.977	ug/l	99
20) Methylene Chloride	2.85	84	146369	52.307	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	144737	53.553	ug/l	94
22) Diisopropyl ether	3.87	45	476526	52.482	ug/l	98
23) Vinyl Acetate	3.82	43	2085531	270.074	ug/l	98
24) 1,1-Dichloroethane	3.70	63	266079	53.459	ug/l	99
25) 2-Butanone	4.70	43	628286	261.252	ug/l	96
26) 2,2-Dichloropropane	4.59	77	207007	54.440	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	168144	52.338	ug/l	97
28) Bromochloromethane	5.01	49	124805	53.092	ug/l	93
29) Tetrahydrofuran	5.15	42	387980	258.434	ug/l	96
30) Chloroform	5.21	83	261055	51.780	ug/l	98
31) Cyclohexane	5.57	56	260145	54.823	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	228486	53.803	ug/l	97
36) 1,1-Dichloropropene	5.80	75	206946	54.671	ug/l	99
37) Ethyl Acetate	4.85	43	221825	54.525	ug/l	98
38) Carbon Tetrachloride	5.78	117	202097	55.467	ug/l	99

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Quant Time: Mar 14 14:59:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:56:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	272743	56.370	ug/l	100
40) Benzene	6.14	78	622610	53.690	ug/l	100
41) Methacrylonitrile	5.06	41	125634	53.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	195518	52.705	ug/l	99
43) Isopropyl Acetate	6.45	43	354733	54.142	ug/l	98
44) Trichloroethene	7.21	130	176791	52.825	ug/l	96
45) 1,2-Dichloropropane	7.51	63	161329	52.734	ug/l	100
46) Dibromomethane	7.66	93	102387	53.396	ug/l	98
47) Bromodichloromethane	7.90	83	192372	52.752	ug/l	98
48) Methyl methacrylate	7.77	41	181490	53.038	ug/l	97
49) 1,4-Dioxane	7.74	88	76549	1037.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1098365	254.363	ug/l	98
52) Toluene	8.78	92	389692	52.866	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	225688	56.455	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	248008	55.822	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	155305	51.744	ug/l	98
56) Ethyl methacrylate	9.18	69	239786	54.085	ug/l	96
57) 1,3-Dichloropropane	9.37	76	256473	51.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	667906	256.075	ug/l	97
59) 2-Hexanone	9.49	43	855026	253.188	ug/l	98
60) Dibromochloromethane	9.58	129	166168	53.717	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167413	53.232	ug/l	100
64) Tetrachloroethene	9.34	164	171705	51.882	ug/l	95
65) Chlorobenzene	10.13	112	434781	53.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	158285	55.024	ug/l	99
67) Ethyl Benzene	10.25	91	742690	55.356	ug/l	100
68) m/p-Xylenes	10.36	106	576056	112.208	ug/l	100
69) o-Xylene	10.69	106	278568	55.661	ug/l	99
70) Styrene	10.71	104	460788	56.202	ug/l	99
71) Bromoform	10.85	173	134851	56.645	ug/l	100
73) Isopropylbenzene	11.02	105	759707	54.218	ug/l	100
74) N-amyl acetate	10.90	43	303284	51.310	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	230279	50.157	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	273758	72.052	ug/l	91
77) Bromobenzene	11.26	156	202157	52.857	ug/l	97
78) n-propylbenzene	11.36	91	850792	55.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	497063	52.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	635726	55.059	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74529	55.820	ug/l	95
82) 4-Chlorotoluene	11.51	91	577653	53.722	ug/l	99
83) tert-Butylbenzene	11.77	119	647231	55.937	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	662137	55.595	ug/l	99
85) sec-Butylbenzene	11.94	105	786909	57.081	ug/l	99
86) p-Isopropyltoluene	12.06	119	717728	57.566	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	370436	54.422	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372349	54.444	ug/l	100
89) n-Butylbenzene	12.38	91	613828	58.838	ug/l	99
90) Hexachloroethane	12.60	117	114643	57.454	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	363410	53.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51102	55.053	ug/l	95

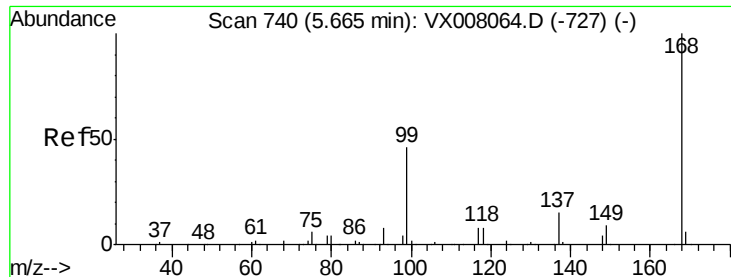
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:56:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273971	57.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	144427	55.569	ug/l	99
95) Naphthalene	13.83	128	782138	58.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270009	57.335	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

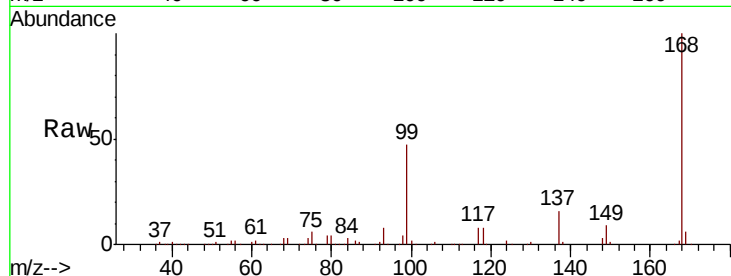
ClientSampled :

Tgt Ion:168 Resp: 328995

Ion Ratio Lower Upper

168 100

99 46.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX008064.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008064.D (-727) (-)

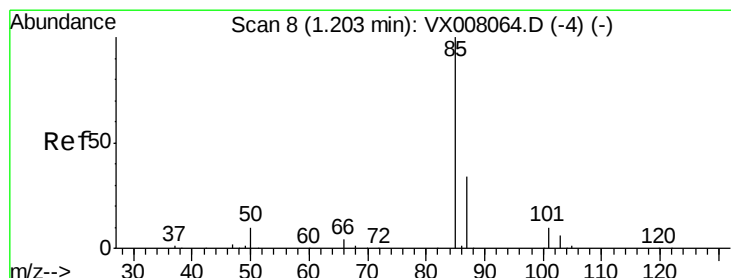
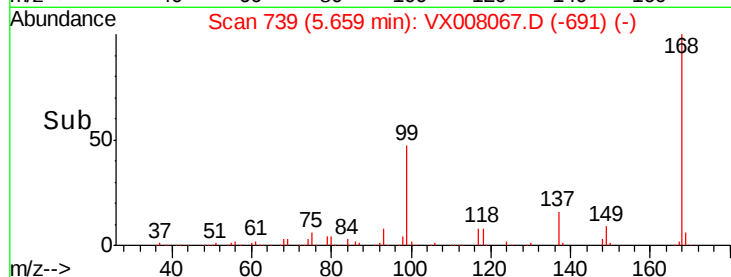
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.052 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX008067.D

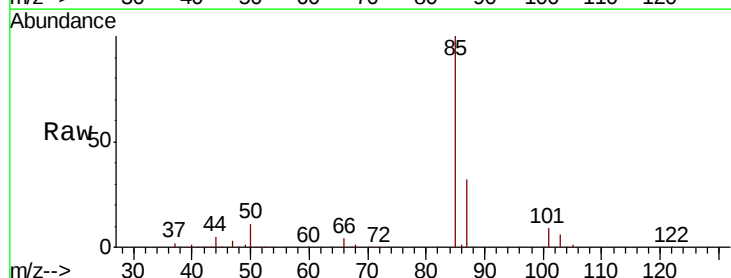
Acq: 14 Mar 2019 13:17

Tgt Ion: 85 Resp: 142347

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008064.D (-4) (-)

Ion 86.90 (86.60 to 87.60): VX008064.D (-4) (-)

1.20

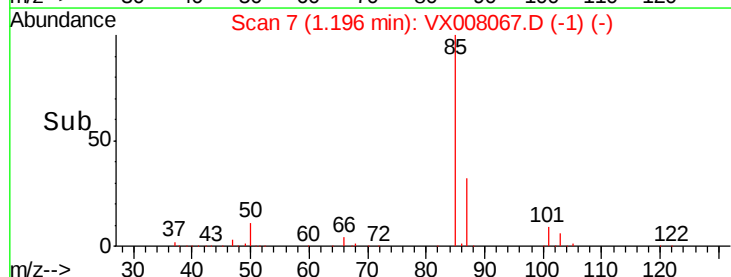
150000

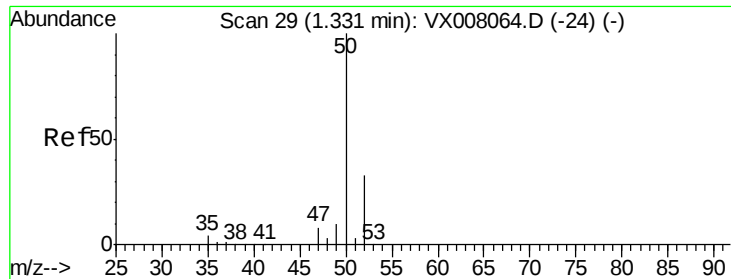
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.636 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

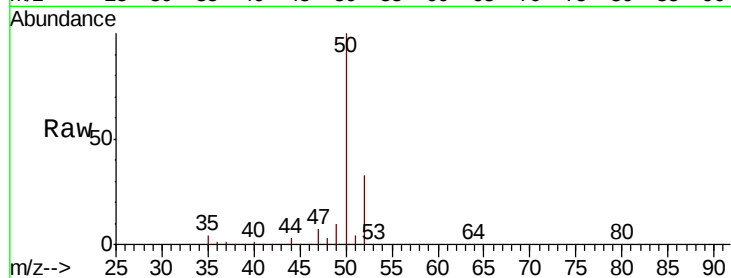
ClientSampleId :

Tgt Ion: 50 Resp: 157010

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

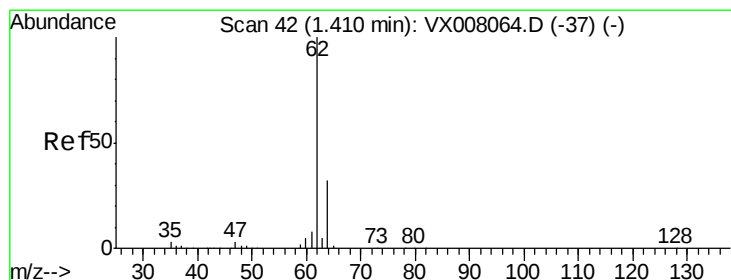
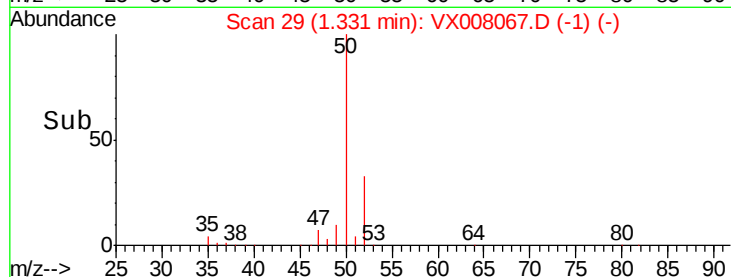
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.759 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008067.D

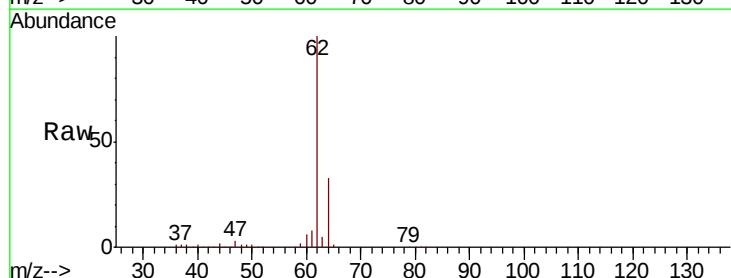
Acq: 14 Mar 2019 13:17

Tgt Ion: 62 Resp: 147220

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

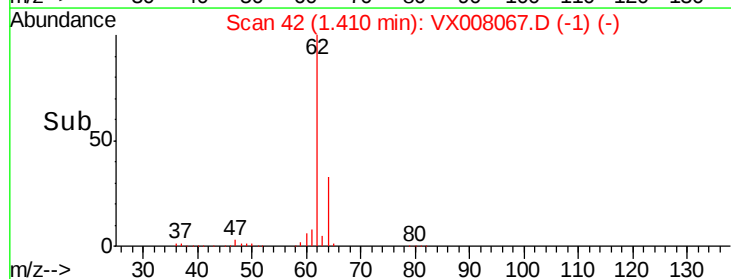
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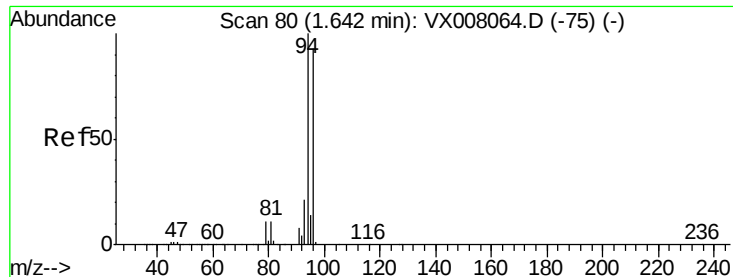
100000

50000

0

Time-->





#5

Bromomethane

Concen: 55.580 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

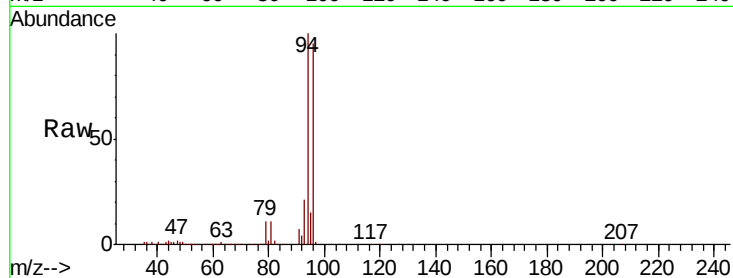
ClientSampleId :

Tgt Ion: 94 Resp: 79604

Ion Ratio Lower Upper

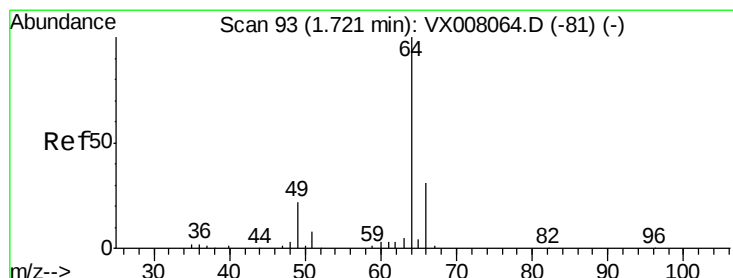
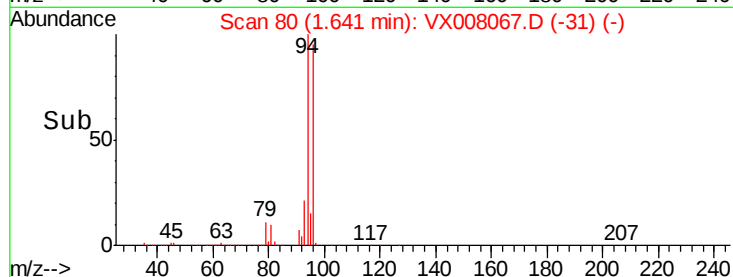
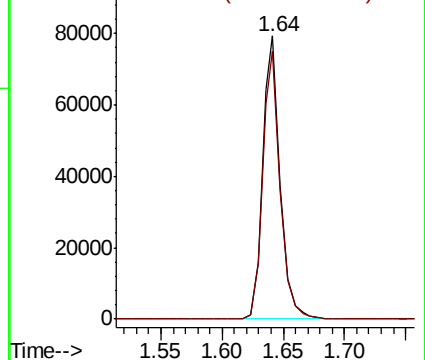
94 100

96 94.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008067.D

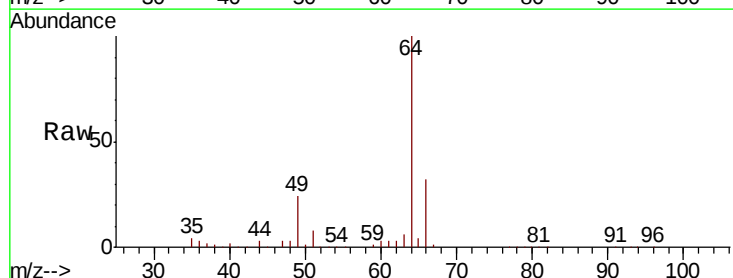
Acq: 14 Mar 2019 13:17

Tgt Ion: 64 Resp: 83394

Ion Ratio Lower Upper

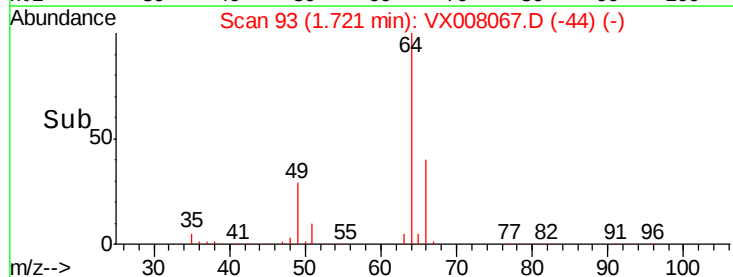
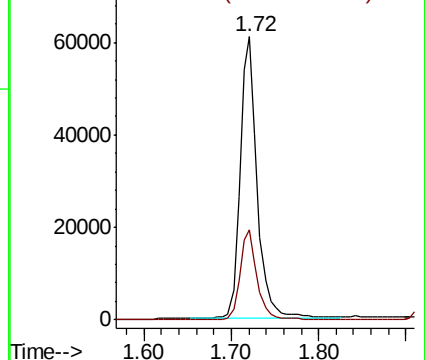
64 100

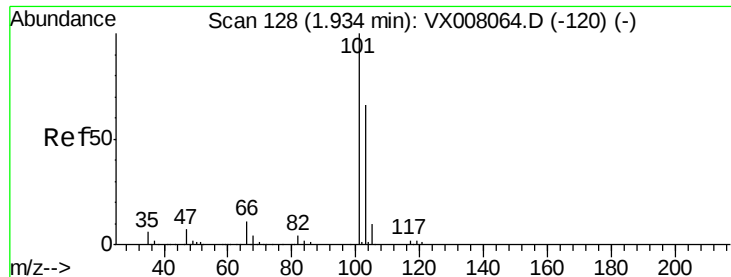
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



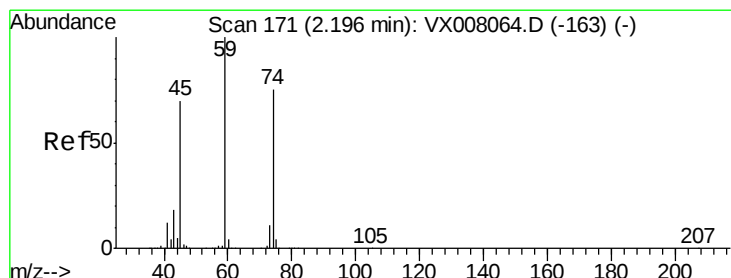
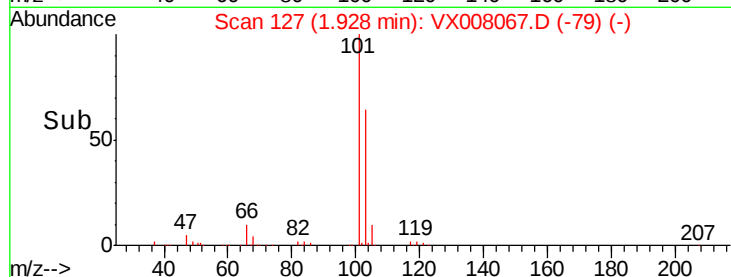
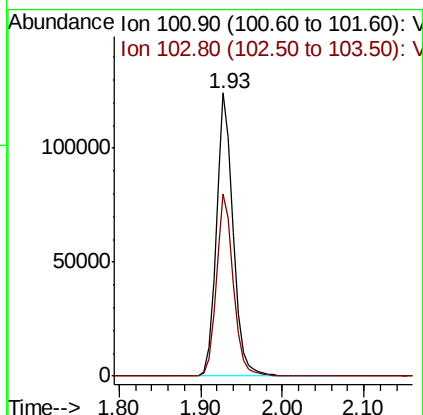
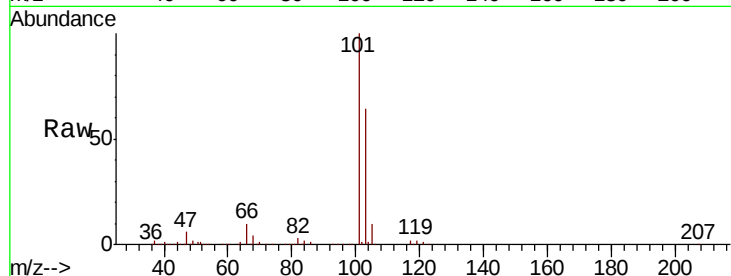


#7

Trichlorofluoromethane
 Concen: 50.766 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampled :

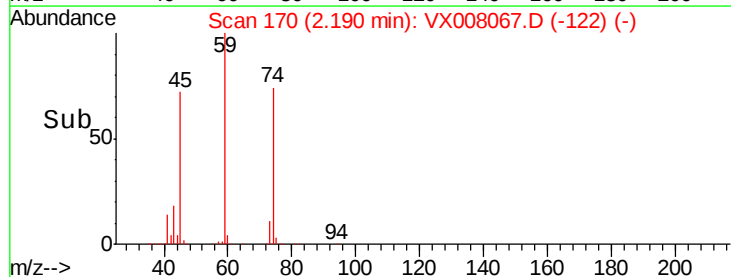
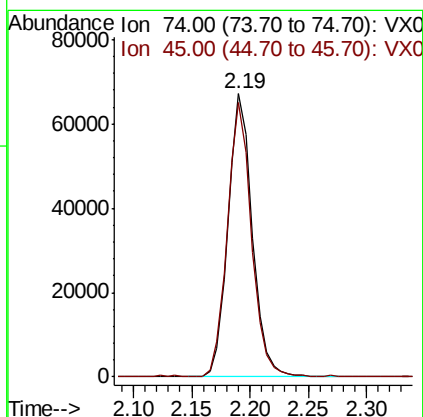
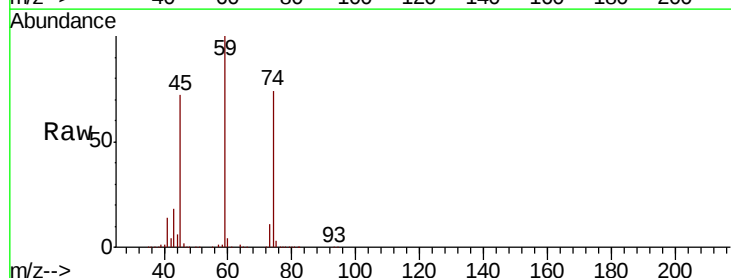
Tgt Ion: 101 Resp: 180268
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

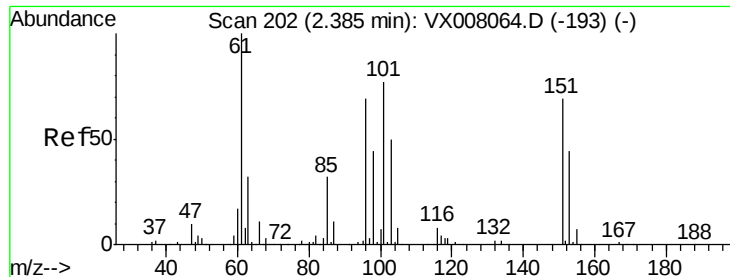


#8

Diethyl Ether
 Concen: 55.122 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 74 Resp: 97300
 Ion Ratio Lower Upper
 74 100
 45 95.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.767 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

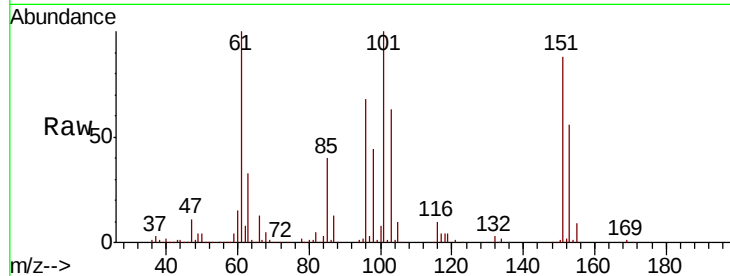
Tgt Ion:101 Resp: 148003

Ion Ratio Lower Upper

101 100

85 40.9 33.8 50.6

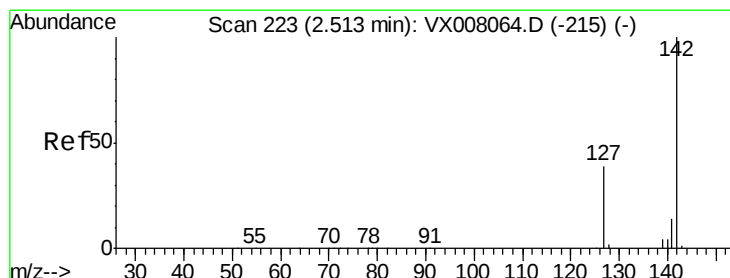
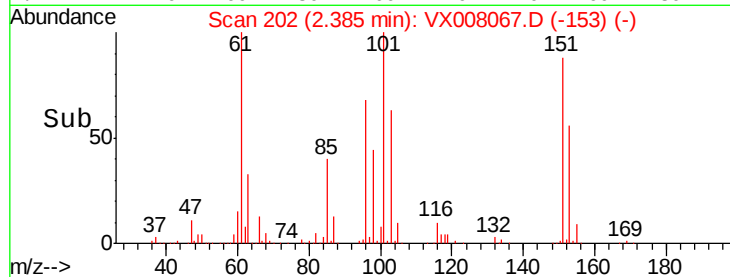
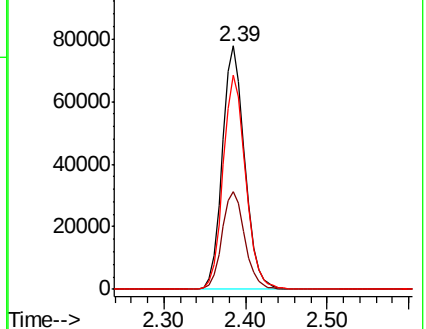
151 88.1 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.369 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

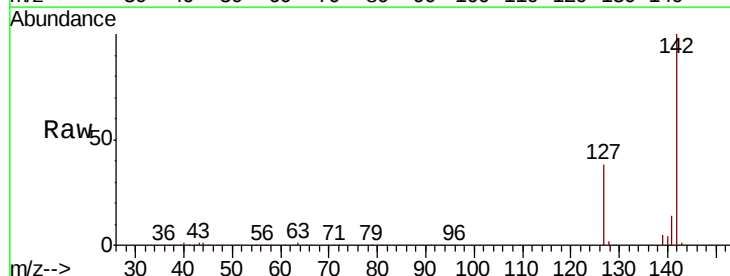
Tgt Ion:142 Resp: 168209

Ion Ratio Lower Upper

142 100

127 38.4 32.1 48.1

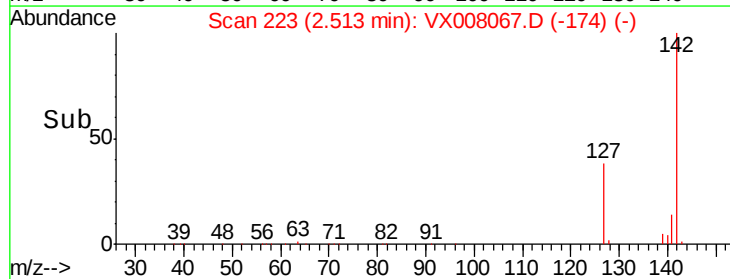
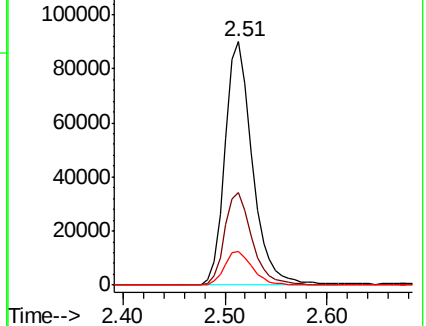
141 14.4 11.4 17.2

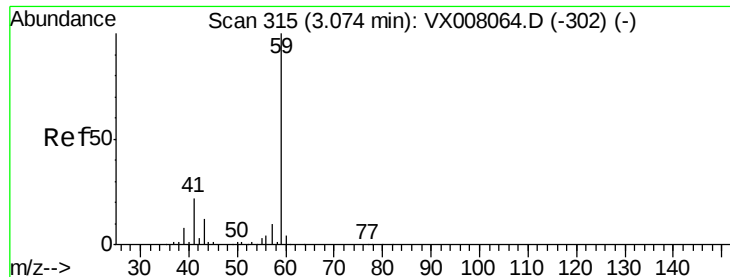


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

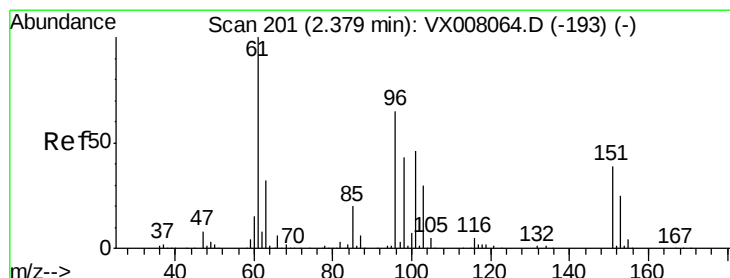
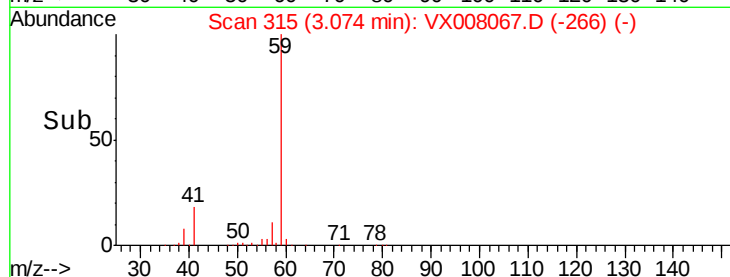
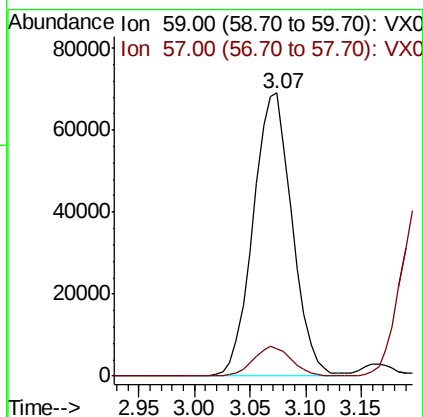
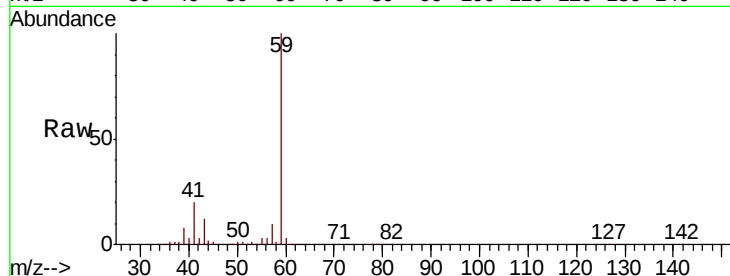




#11
Tert butyl alcohol
Concen: 262.312 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

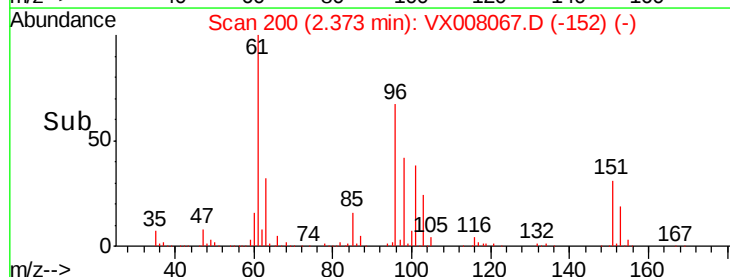
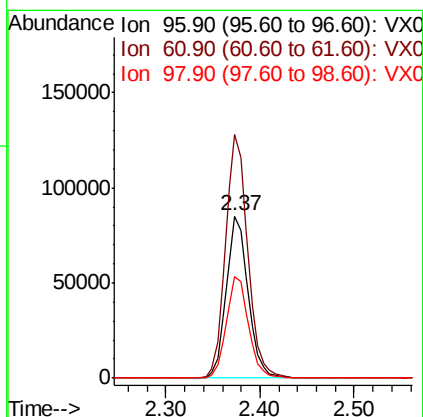
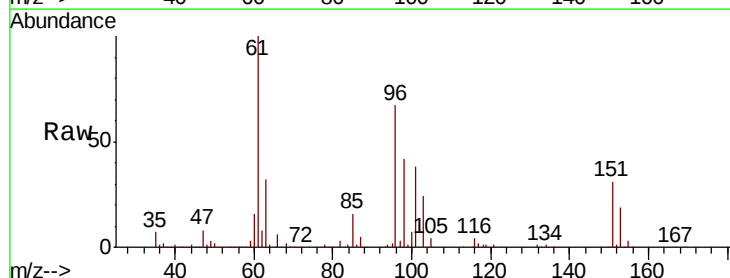
Instrument :
MSVOA_X
ClientSampleId :

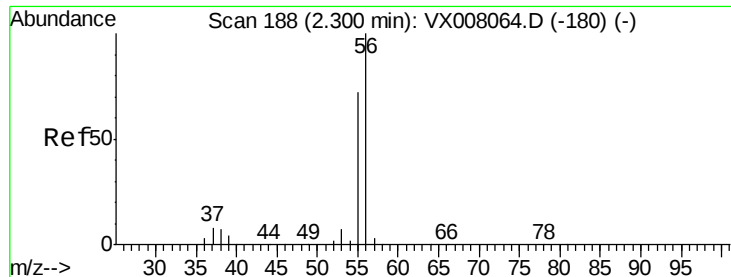
Tgt Ion: 59 Resp: 168187
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 54.611 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 96 Resp: 136988
Ion Ratio Lower Upper
96 100
61 150.3 129.8 194.6
98 62.5 51.0 76.6





#13

Acrolein

Concen: 234.549 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

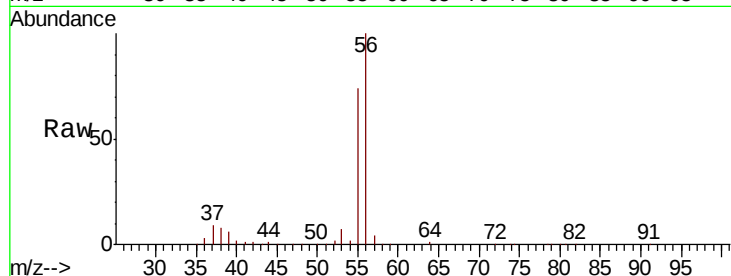
ClientSampleId :

Tgt Ion: 56 Resp: 138525

Ion Ratio Lower Upper

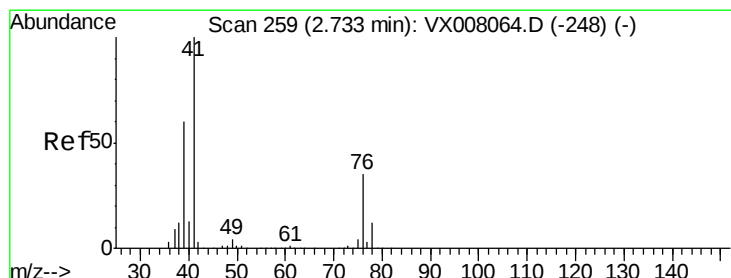
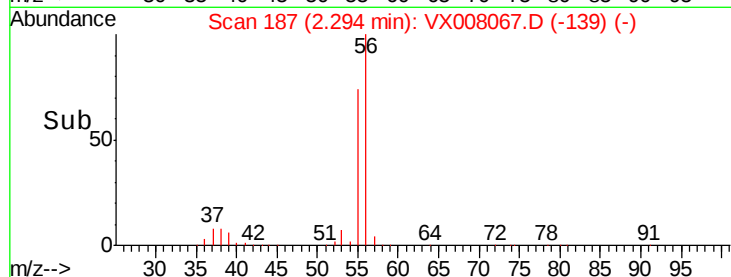
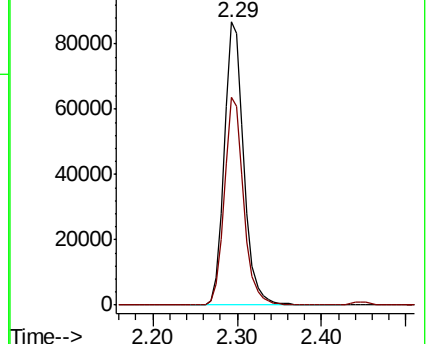
56 100

55 72.5 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.052 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

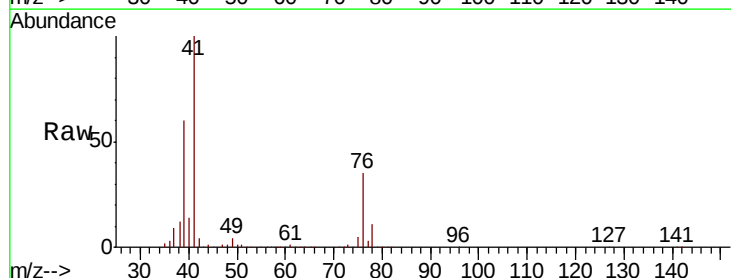
Tgt Ion: 41 Resp: 246957

Ion Ratio Lower Upper

41 100

39 58.3 46.1 69.1

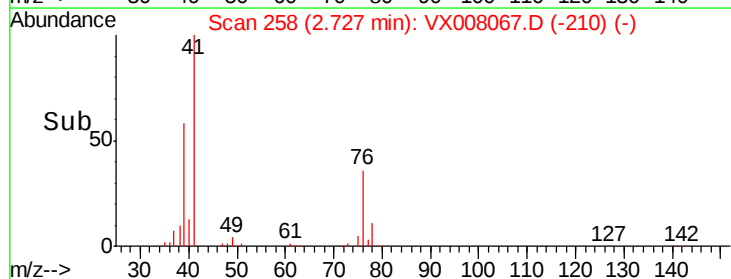
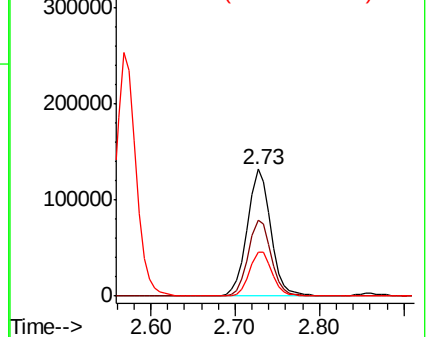
76 33.7 24.0 36.0

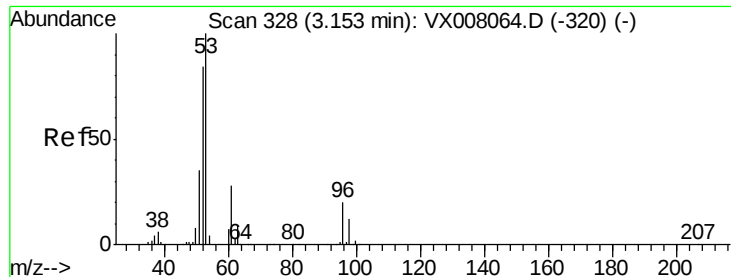


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 263.525 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

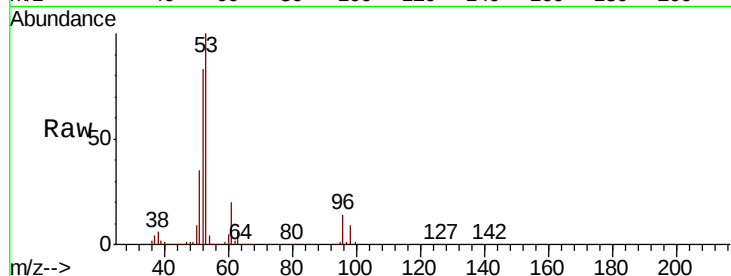
Tgt Ion: 53 Resp: 412012

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

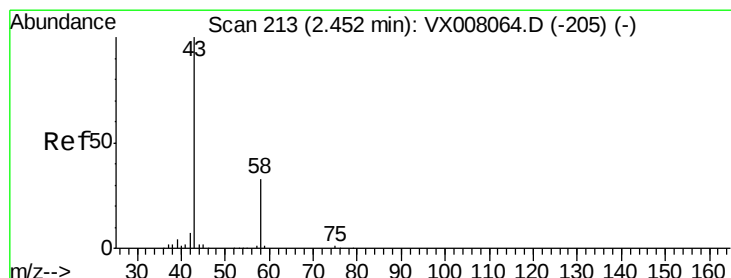
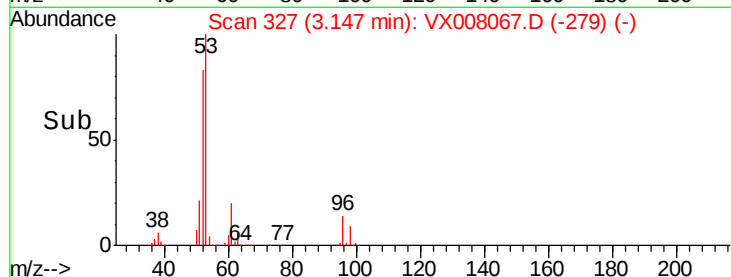
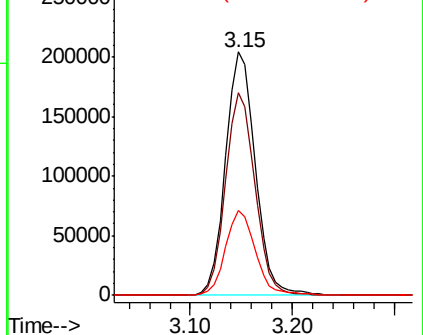
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 273.626 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008067.D

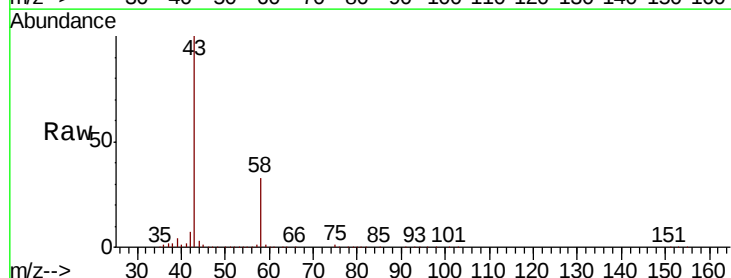
Acq: 14 Mar 2019 13:17

Tgt Ion: 43 Resp: 428709

Ion Ratio Lower Upper

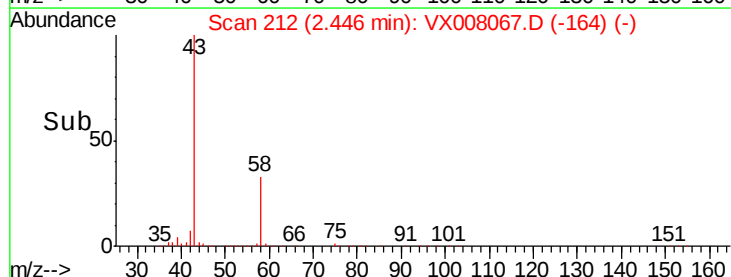
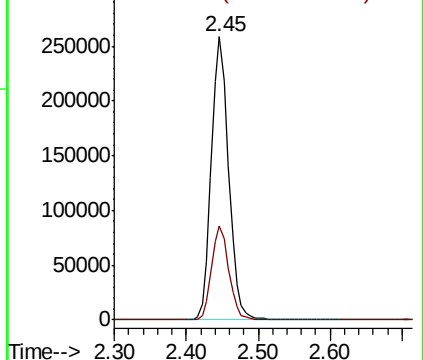
43 100

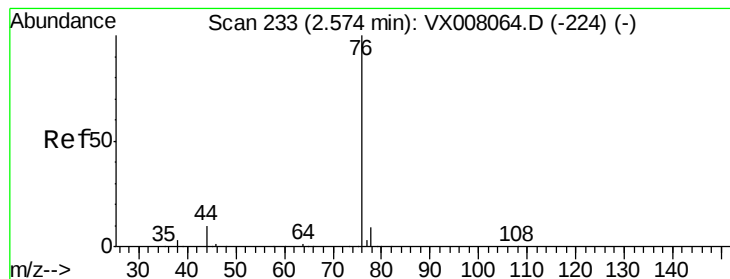
58 33.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 58.062 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

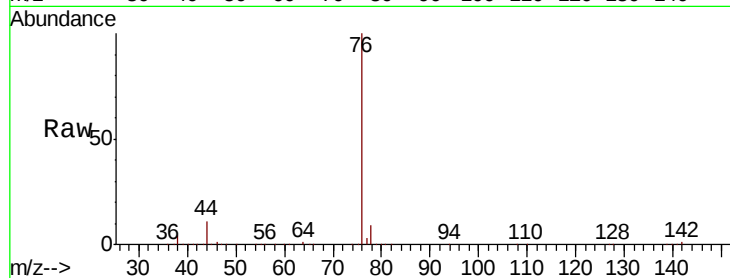
ClientSampleId :

Tgt Ion: 76 Resp: 418186

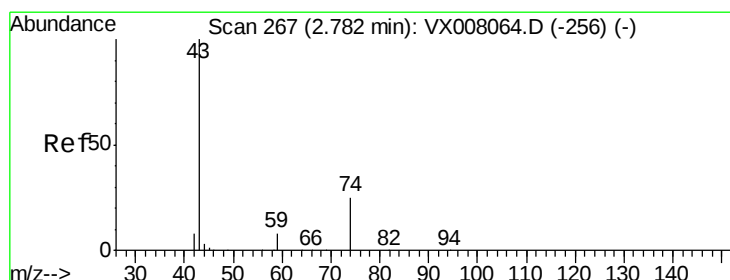
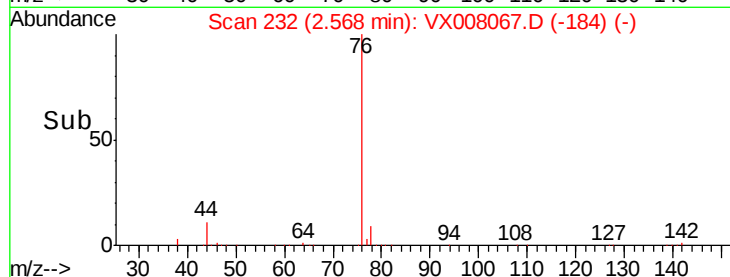
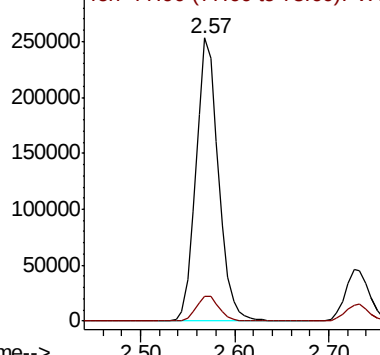
Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.764 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX008067.D

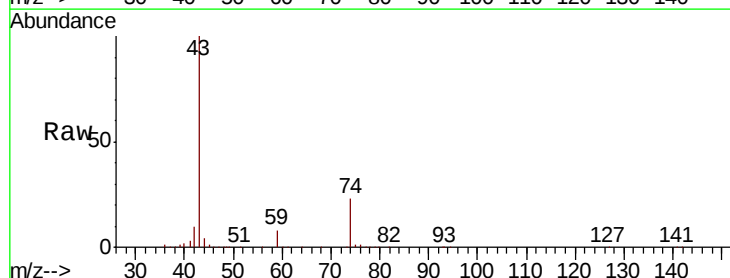
Acq: 14 Mar 2019 13:17

Tgt Ion: 43 Resp: 185450

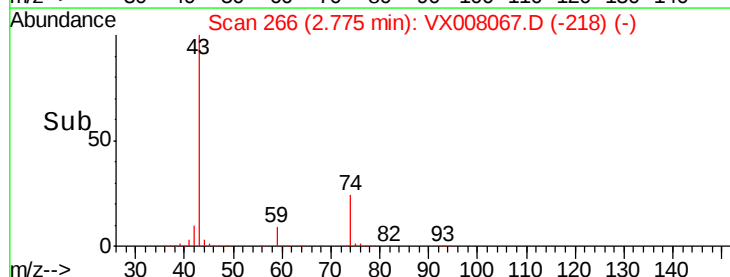
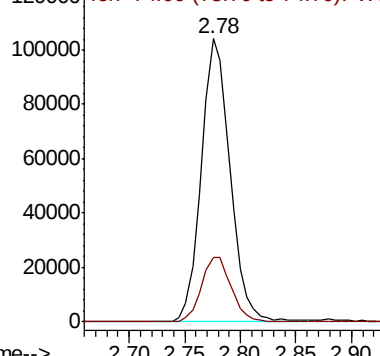
Ion Ratio Lower Upper

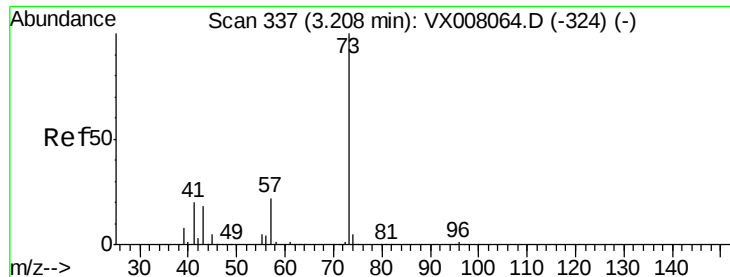
43 100

74 24.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

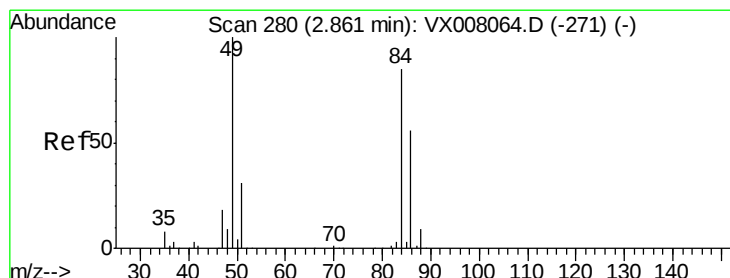
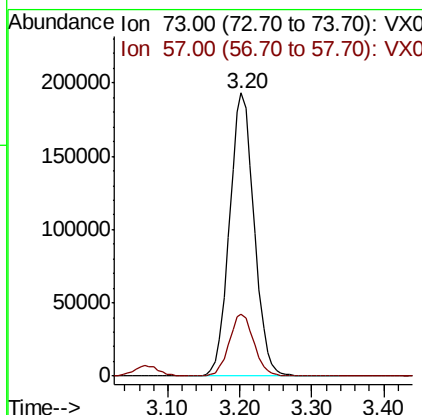
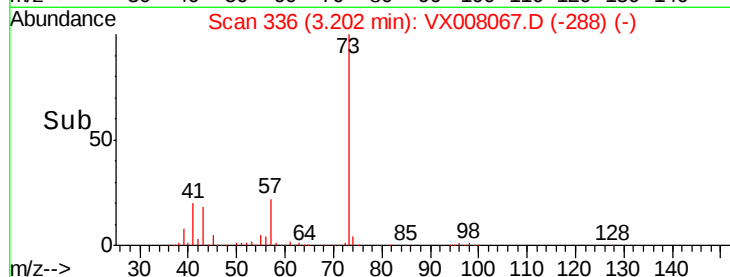
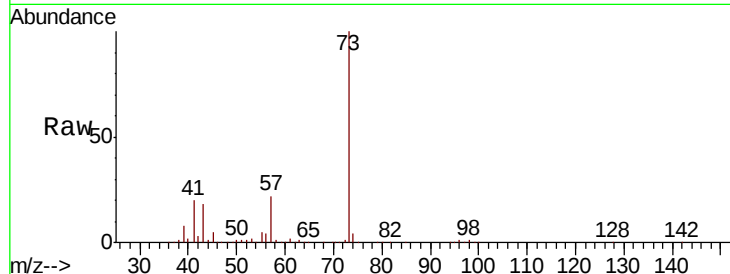




#19
Methyl tert-butyl Ether
Concen: 53.977 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

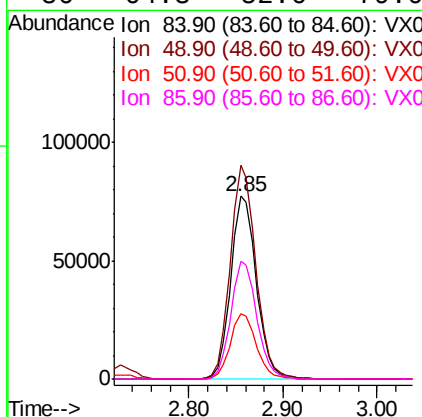
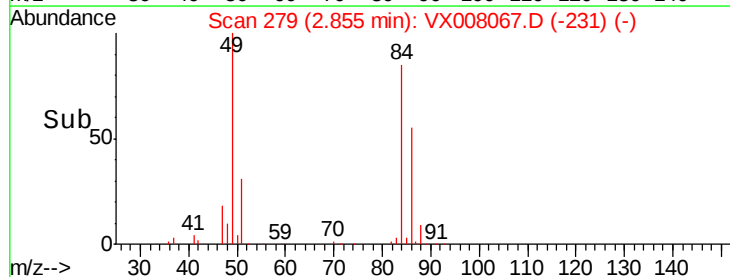
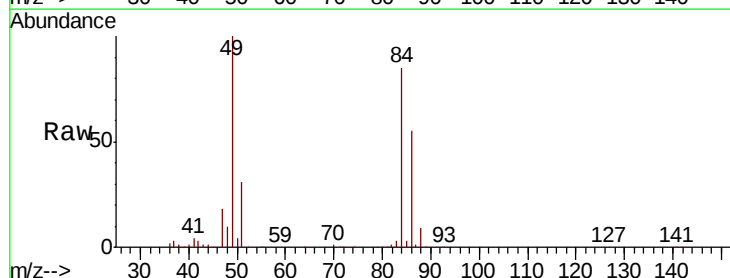
Instrument :
MSVOA_X
ClientSampleId :

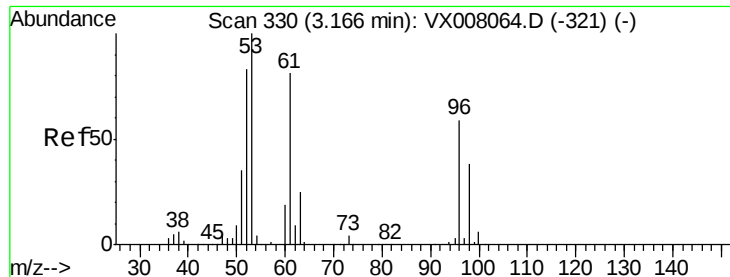
Tgt Ion: 73 Resp: 457776
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 52.307 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 84 Resp: 146369
Ion Ratio Lower Upper
84 100
49 117.1 99.3 148.9
51 36.0 31.3 46.9
86 64.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 53.553 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

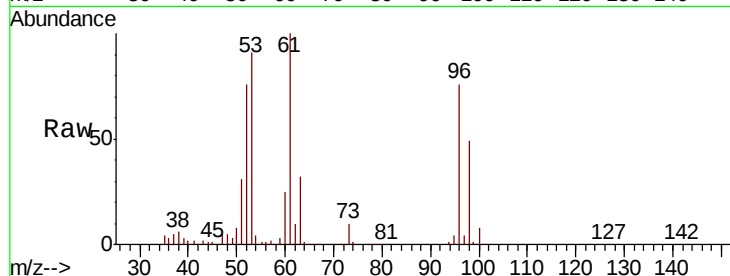
Tgt Ion: 96 Resp: 144737

Ion Ratio Lower Upper

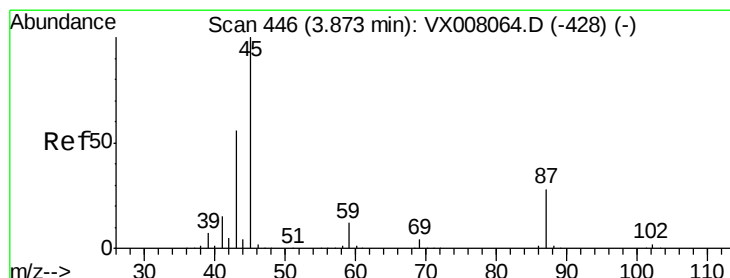
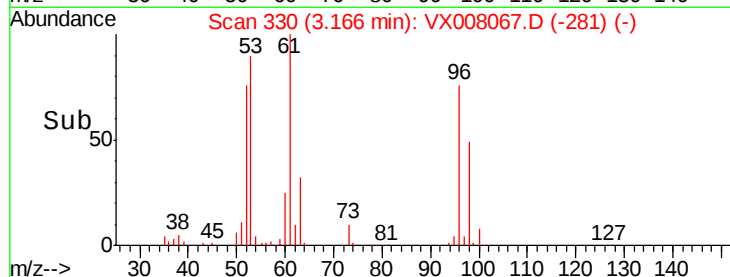
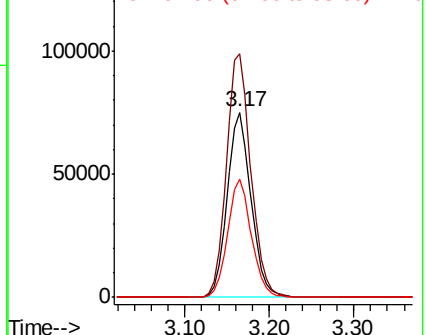
96 100

61 131.5 114.4 171.6

98 64.0 51.1 76.7



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



#22

Diisopropyl ether

Concen: 52.482 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion: 45 Resp: 476526

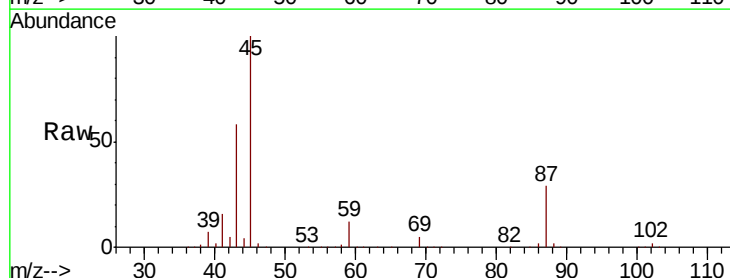
Ion Ratio Lower Upper

45 100

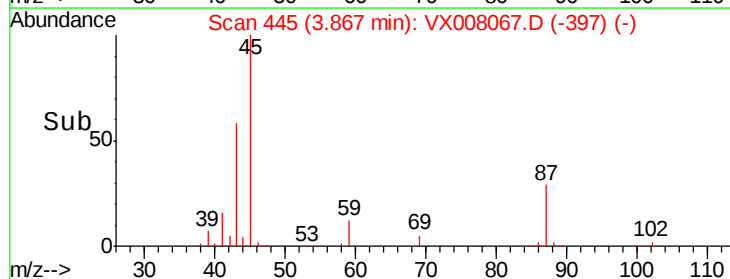
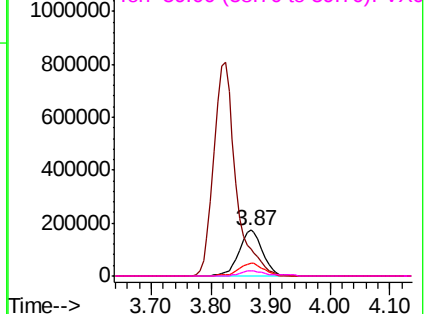
43 57.9 45.3 67.9

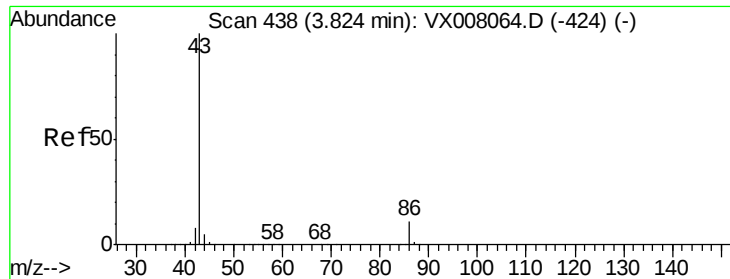
87 28.6 21.4 32.0

59 11.7 9.5 14.3



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

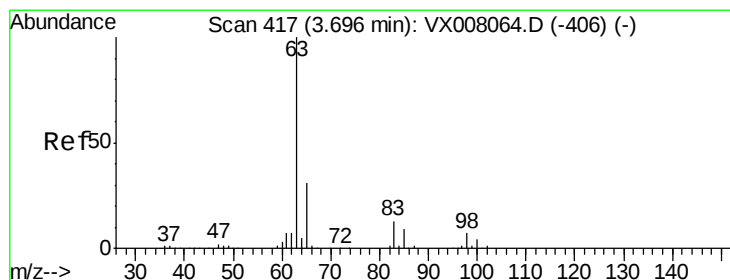
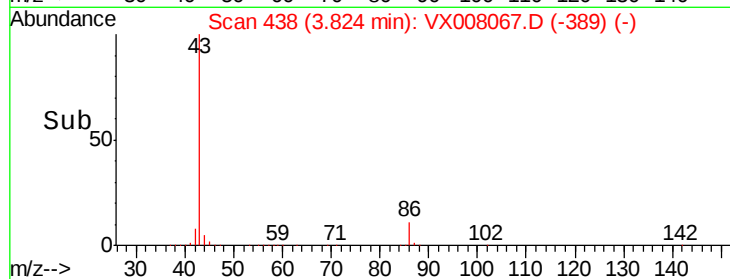
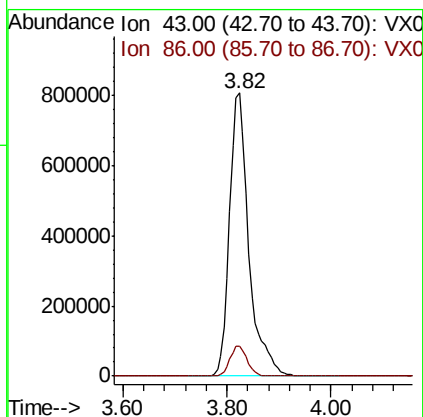
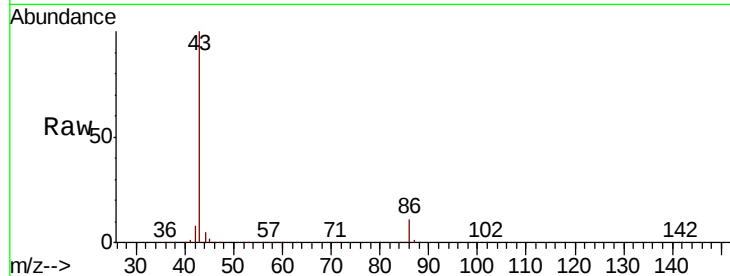




#23
 Vinyl Acetate
 Concen: 270.074 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

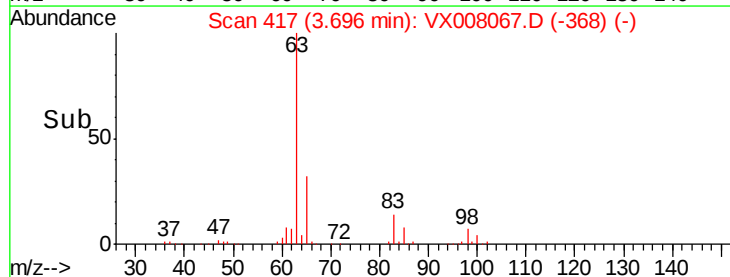
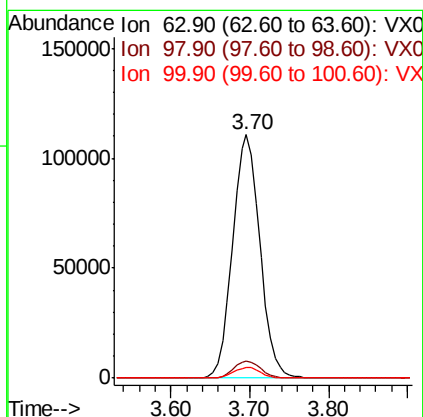
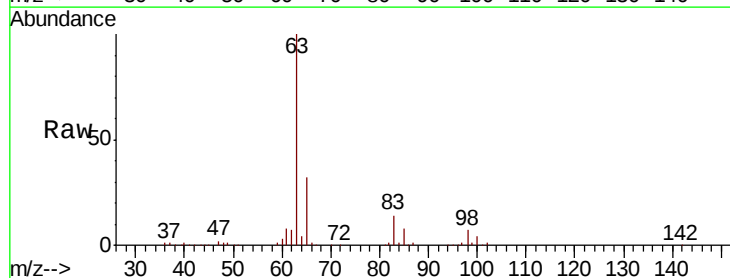
Instrument :
 MSVOA_X
 ClientSampleId :

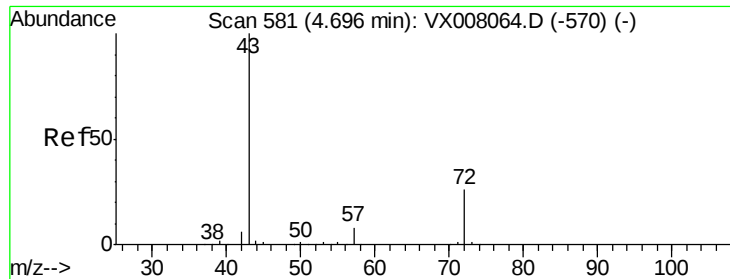
Tgt Ion: 43 Resp: 2085531
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 53.459 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 63 Resp: 266079
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 261.252 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

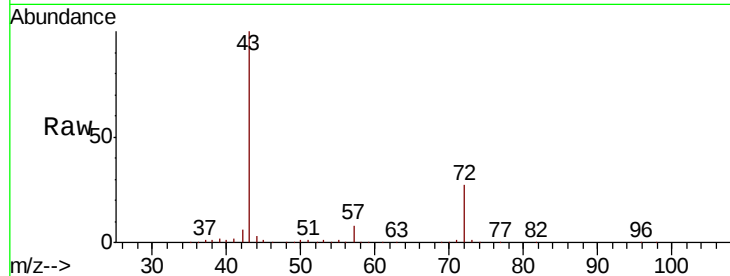
ClientSampled :

Tgt Ion: 43 Resp: 628286

Ion Ratio Lower Upper

43 100

72 26.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

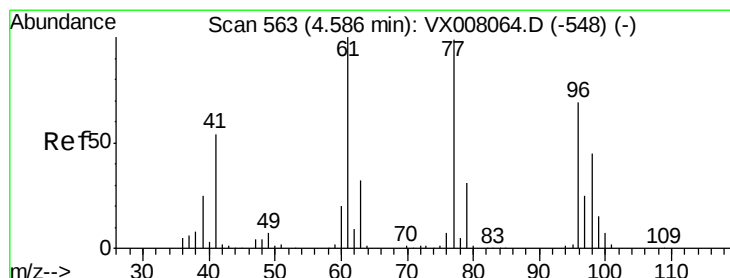
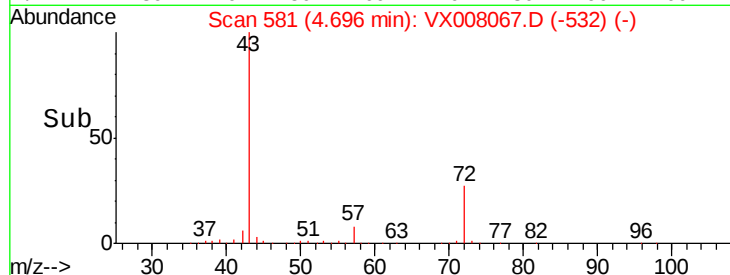
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 54.440 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008067.D

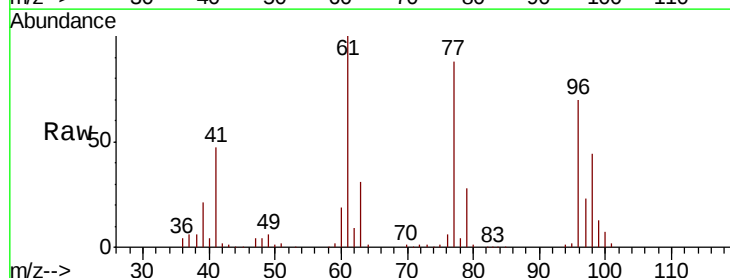
Acq: 14 Mar 2019 13:17

Tgt Ion: 77 Resp: 207007

Ion Ratio Lower Upper

77 100

97 25.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

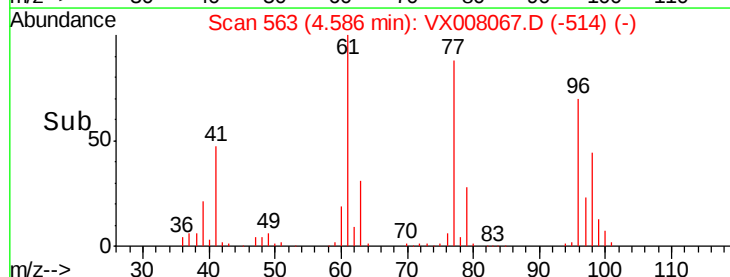
4.40

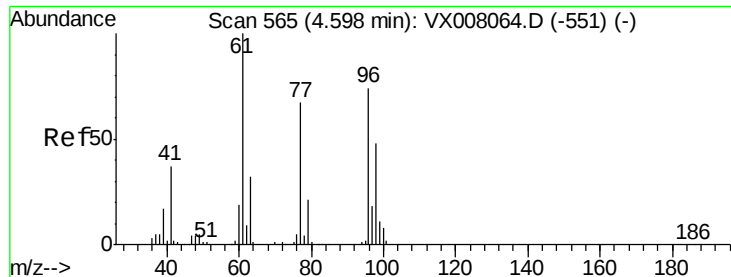
4.50

4.60

4.70

Time-->



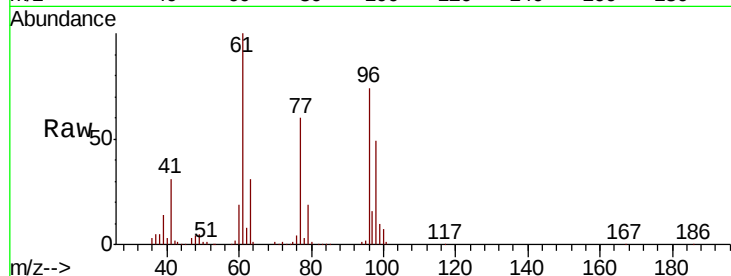


#27

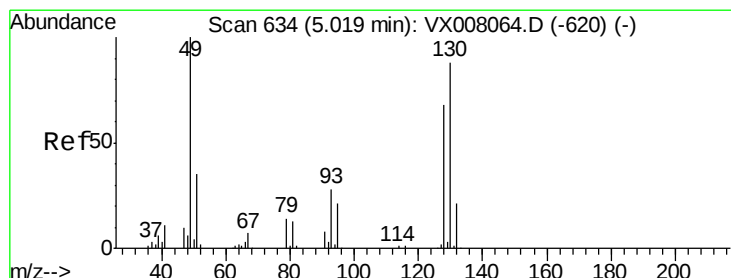
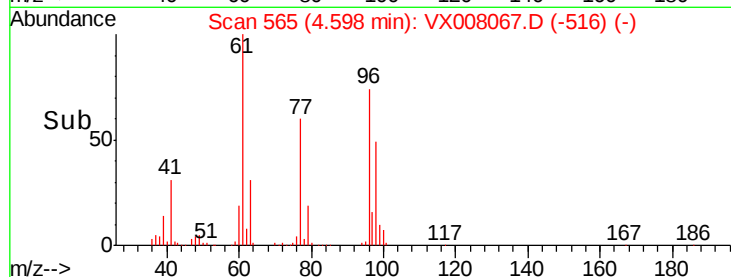
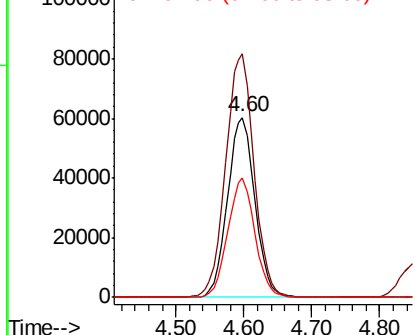
cis-1,2-Dichloroethene
Concen: 52.338 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 168144
Ion Ratio Lower Upper
96 100
61 139.9 0.0 288.0
98 65.5 0.0 129.0



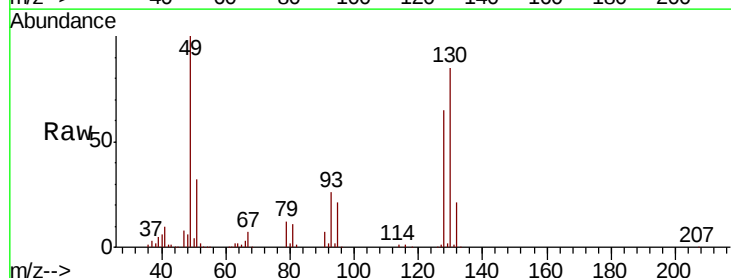
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



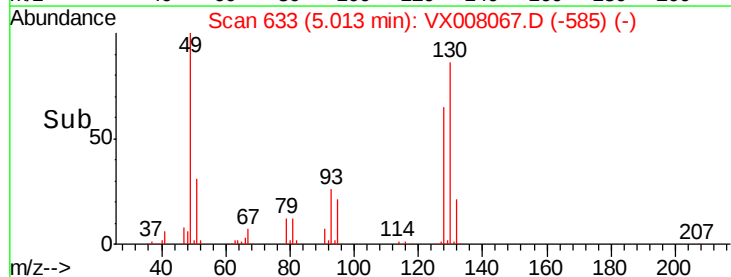
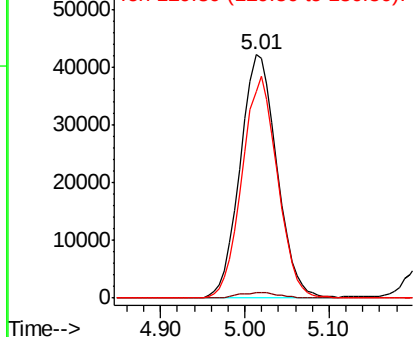
#28

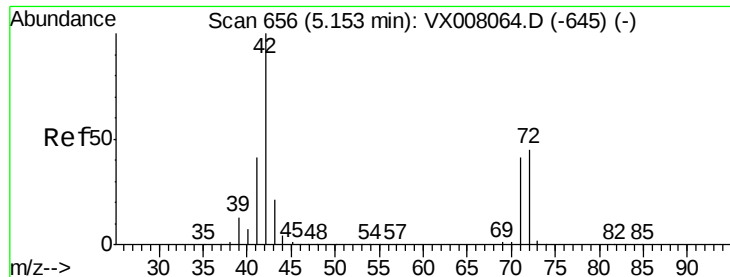
Bromochloromethane
Concen: 53.092 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 49 Resp: 124805
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 87.9 65.0 97.4



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

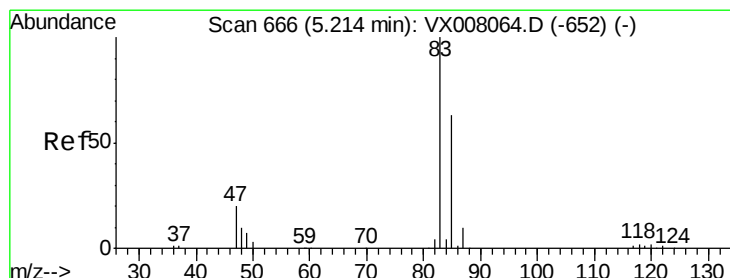
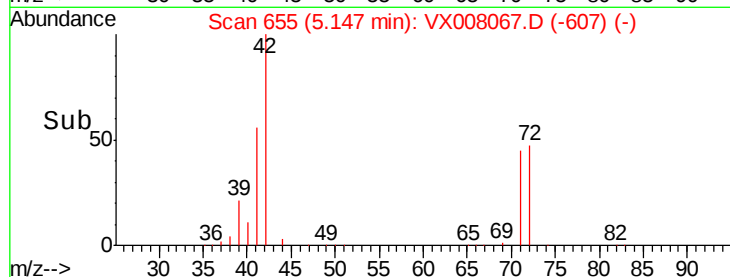
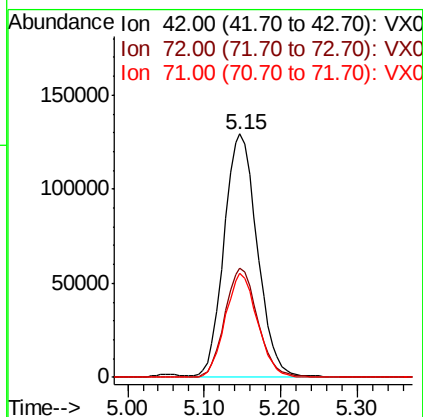
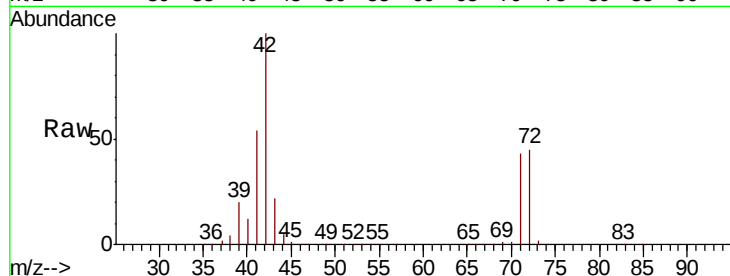




#29
Tetrahydrofuran
Concen: 258.434 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

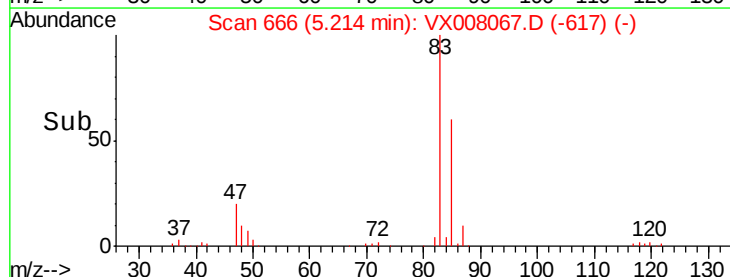
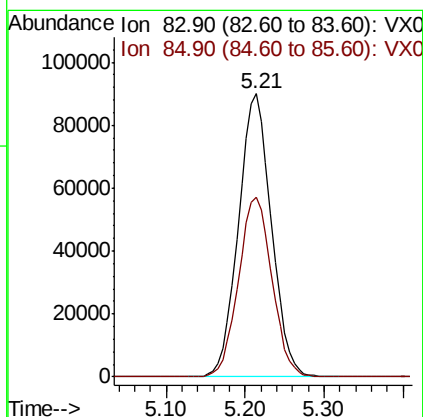
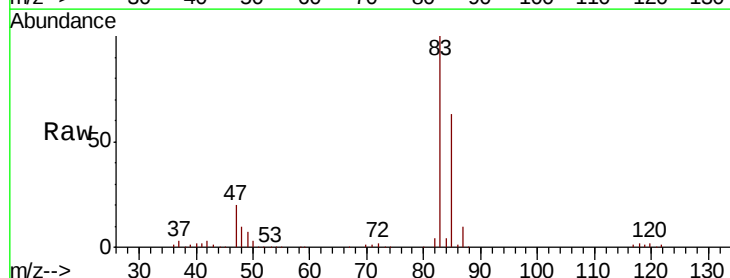
Instrument :
MSVOA_X
ClientSampleId :

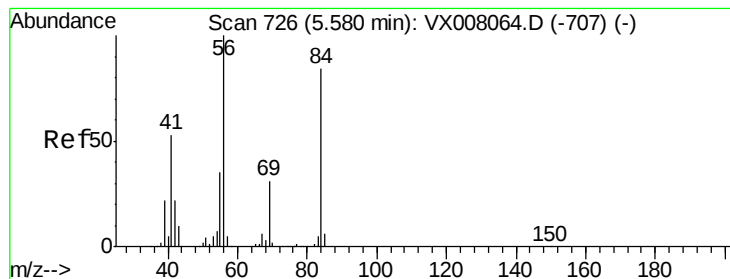
Tgt Ion: 42 Resp: 387980
Ion Ratio Lower Upper
42 100
72 44.6 33.8 50.6
71 41.8 31.5 47.3



#30
Chloroform
Concen: 51.780 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 83 Resp: 261055
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6





#31

Cyclohexane

Concen: 54.823 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

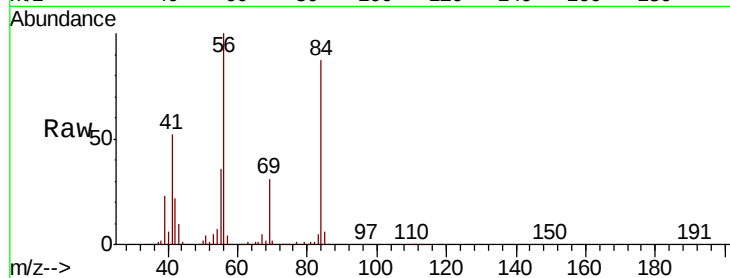
Tgt Ion: 56 Resp: 260145

Ion Ratio Lower Upper

56 100

69 31.5 24.0 36.0

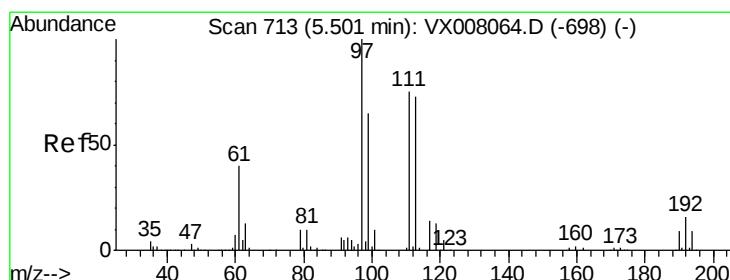
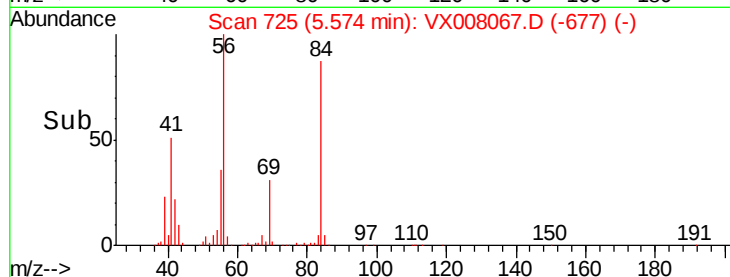
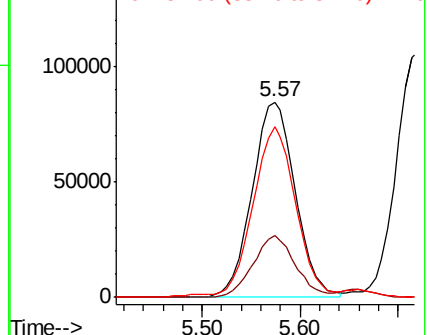
84 86.1 65.3 97.9



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: 53.803 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

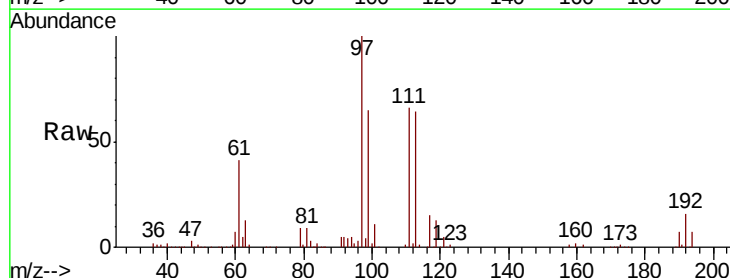
Tgt Ion: 97 Resp: 228486

Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

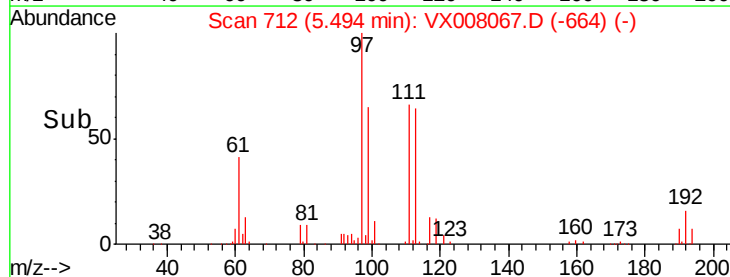
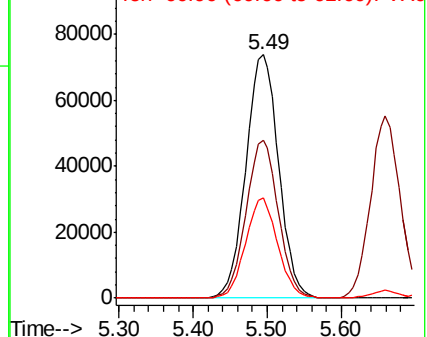
61 40.3 34.9 52.3

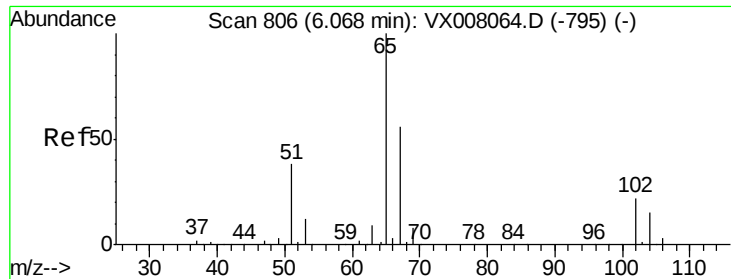


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.980 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

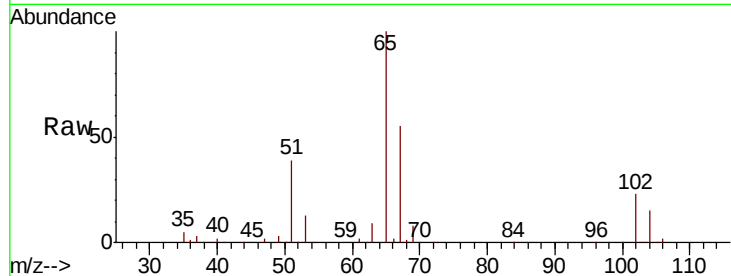
ClientSampleId :

Tgt Ion: 65 Resp: 152594

Ion Ratio Lower Upper

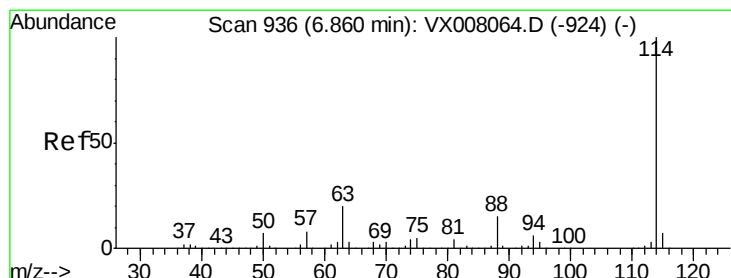
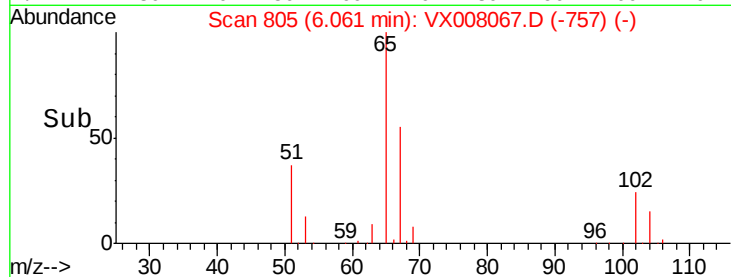
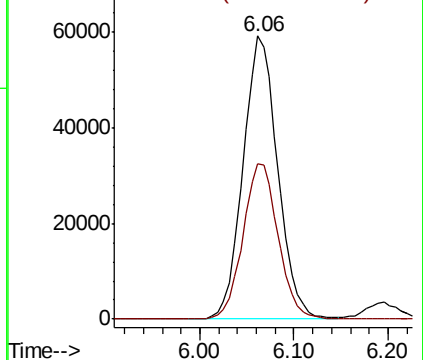
65 100

67 55.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

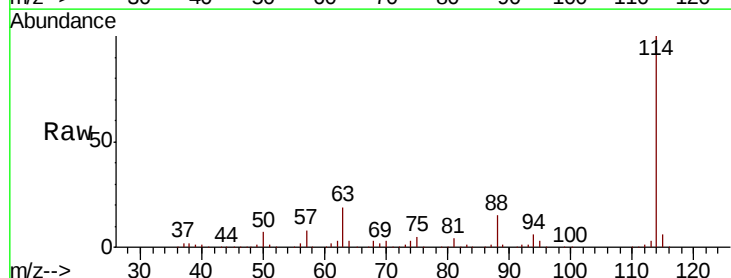
Tgt Ion: 114 Resp: 460125

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

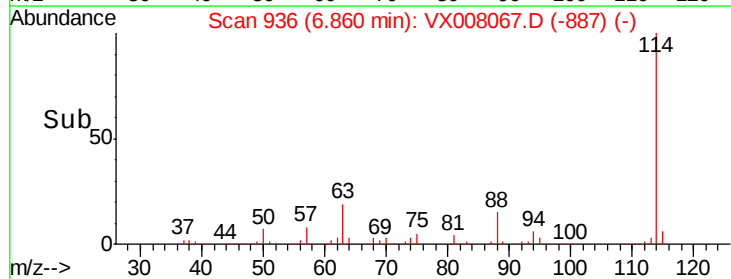
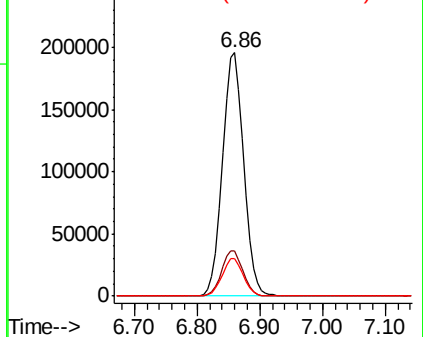
88 15.2 0.0 31.4

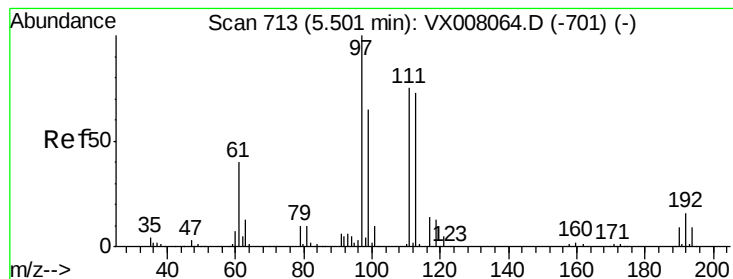


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.260 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

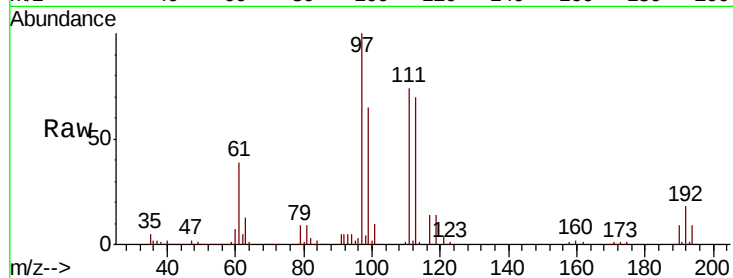
Tgt Ion:113 Resp: 140815

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

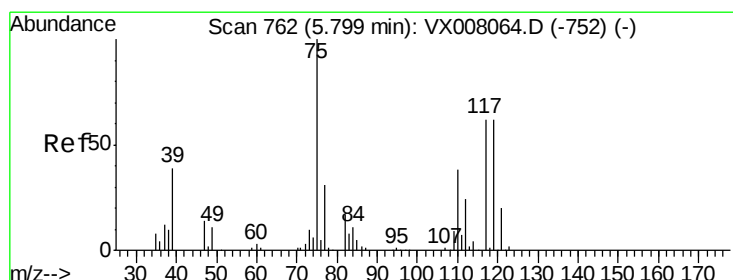
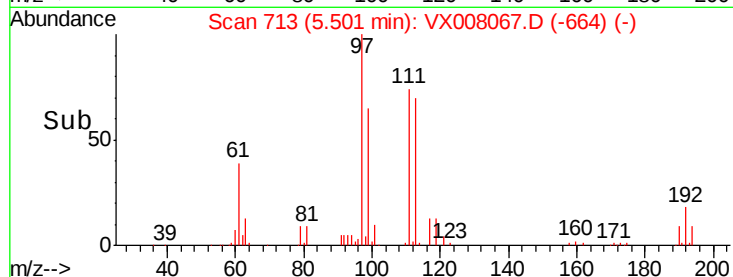
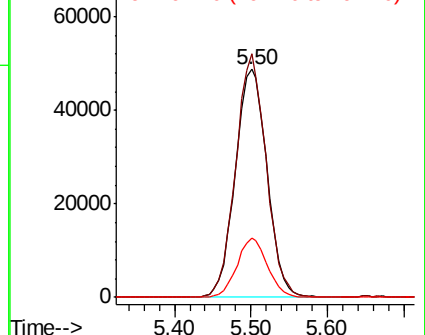
192 24.9 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.671 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

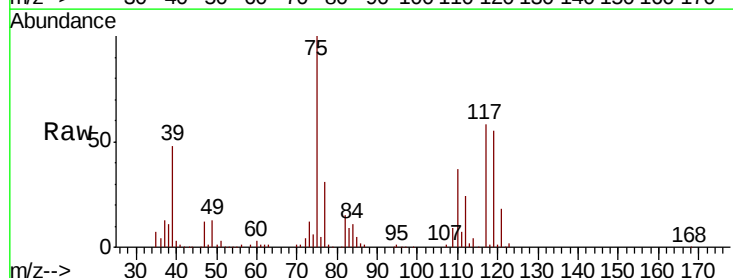
Tgt Ion: 75 Resp: 206946

Ion Ratio Lower Upper

75 100

110 37.6 18.4 55.0

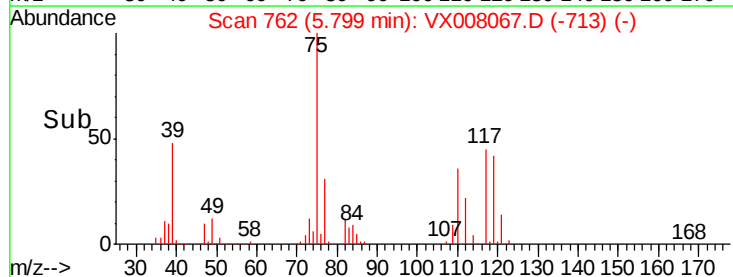
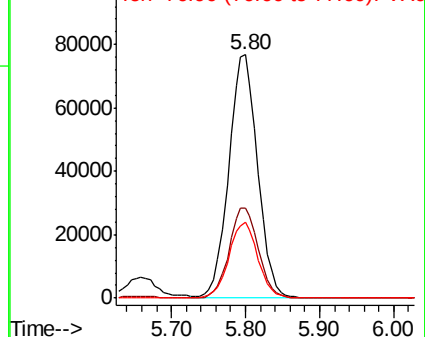
77 31.4 25.0 37.4

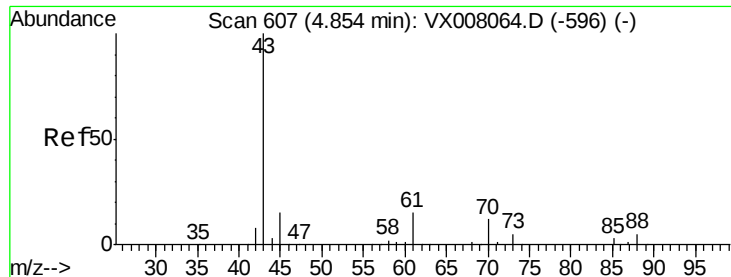


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

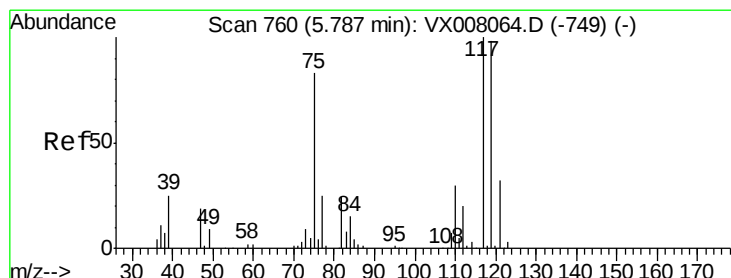
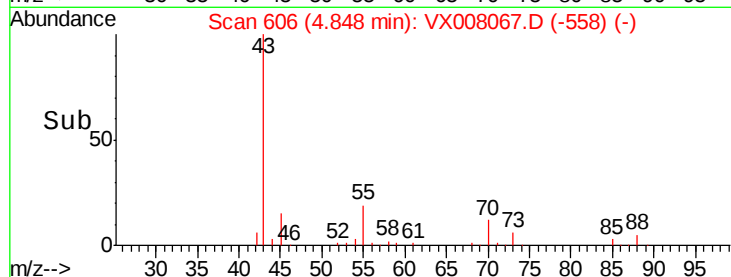
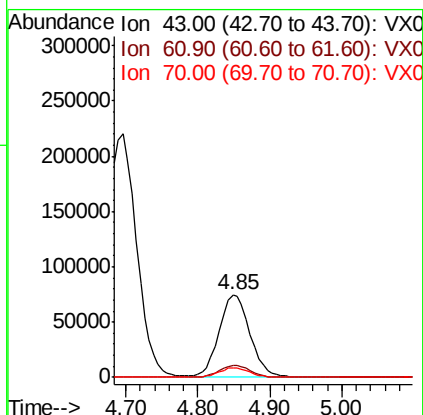
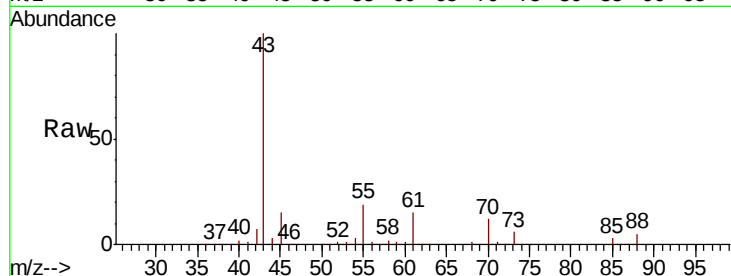




#37
Ethyl Acetate
Concen: 54.525 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

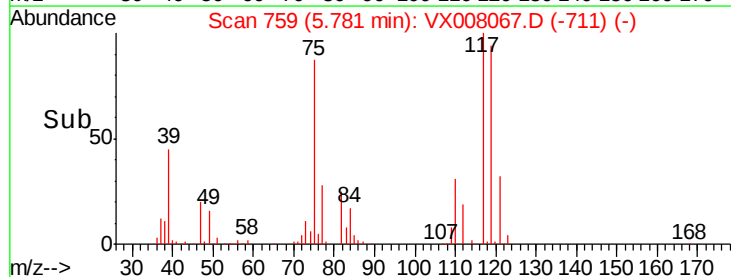
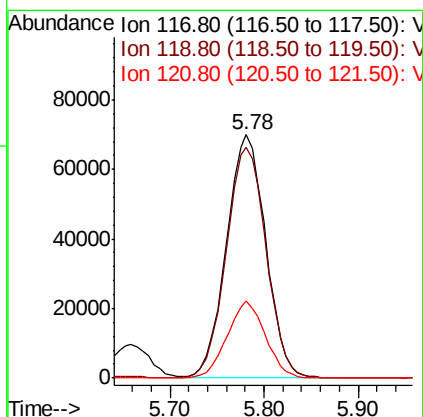
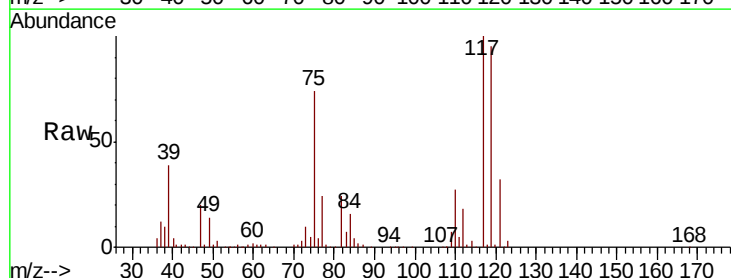
Instrument :
MSVOA_X
ClientSampled :

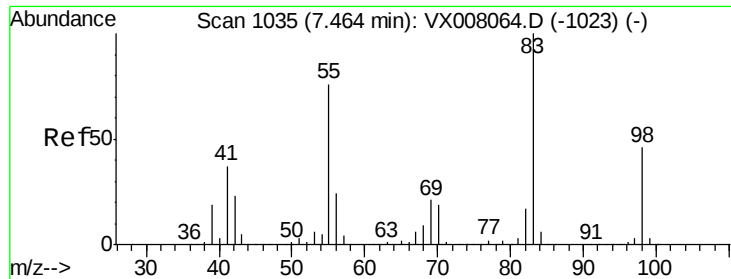
Tgt Ion: 43 Resp: 221825
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 11.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 55.467 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 117 Resp: 202097
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2
121 31.7 24.6 36.8

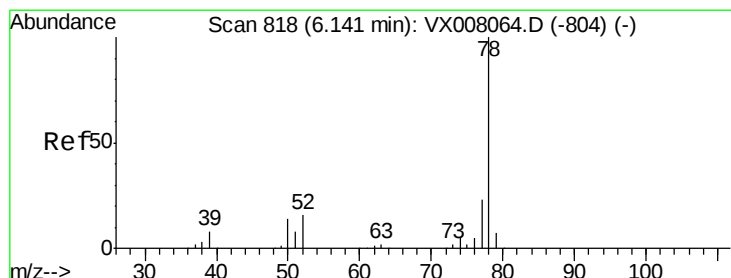
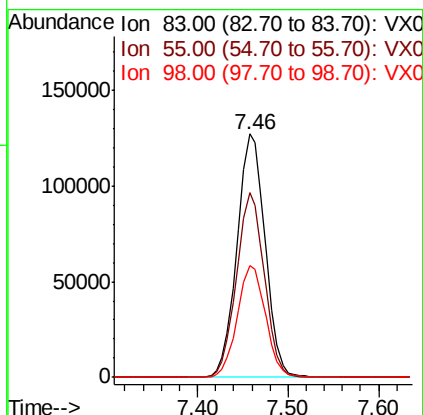
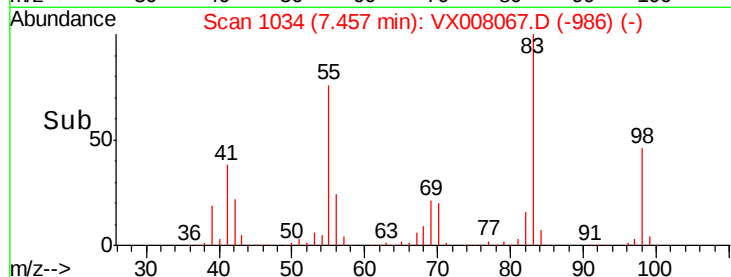
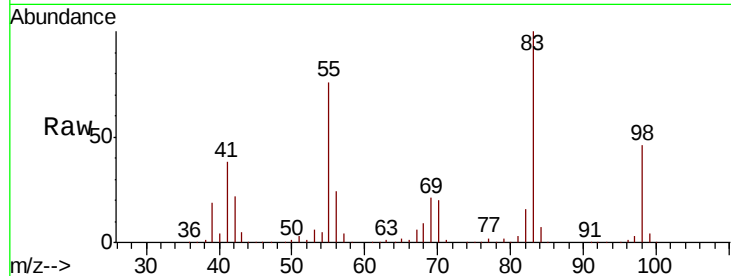




#39
Methylcyclohexane
Concen: 56.370 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

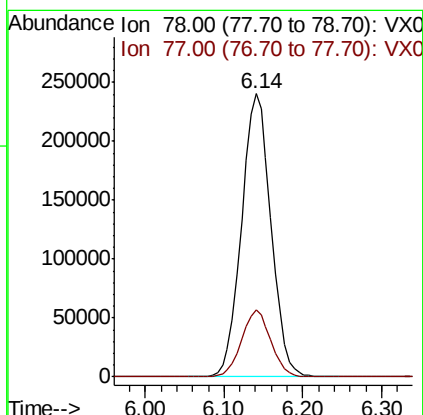
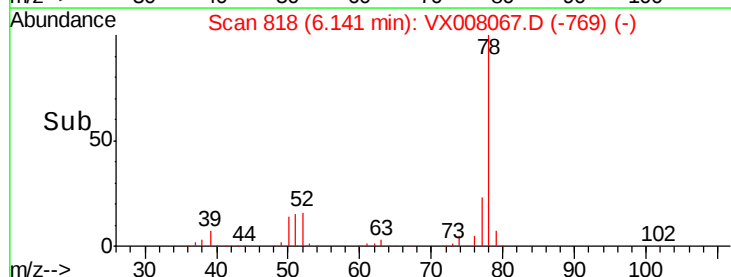
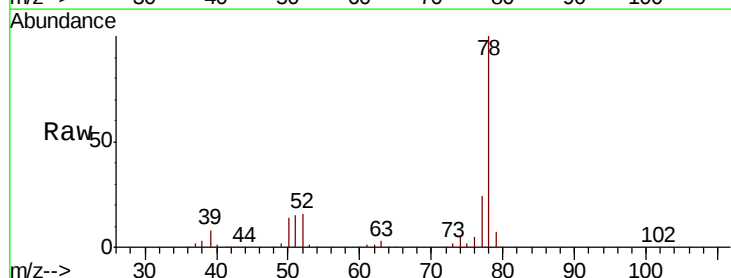
Instrument :
MSVOA_X
ClientSampleId :

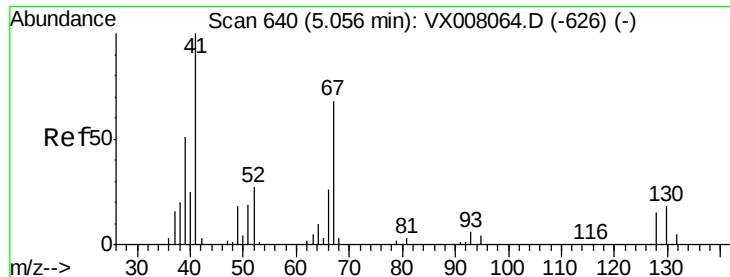
Tgt Ion: 83 Resp: 272743
Ion Ratio Lower Upper
83 100
55 75.6 60.4 90.6
98 45.7 36.5 54.7



#40
Benzene
Concen: 53.690 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 78 Resp: 622610
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 53.040 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 41 Resp: 125634

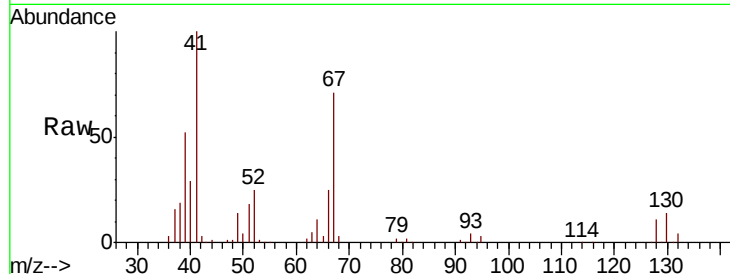
Ion Ratio Lower Upper

41 100

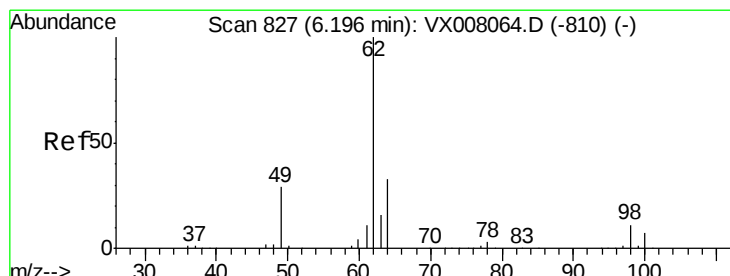
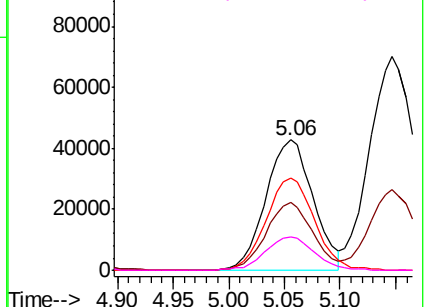
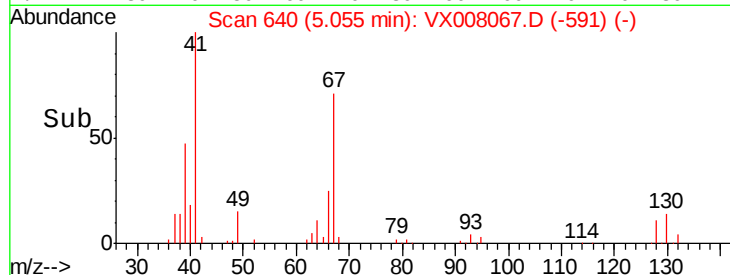
39 51.5 41.6 62.4

67 72.9 55.8 83.6

52 27.2 21.7 32.5



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



#42

1,2-Dichloroethane

Concen: 52.705 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008067.D

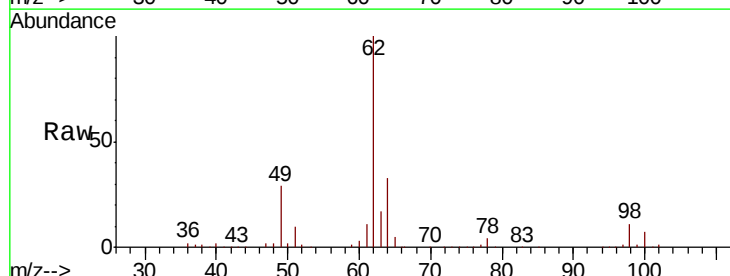
Acq: 14 Mar 2019 13:17

Tgt Ion: 62 Resp: 195518

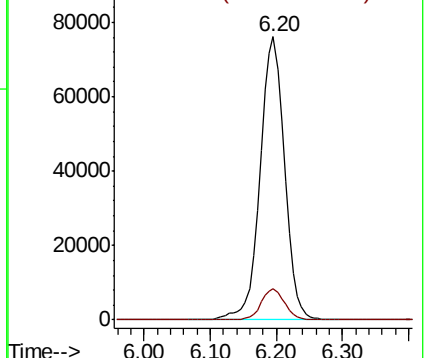
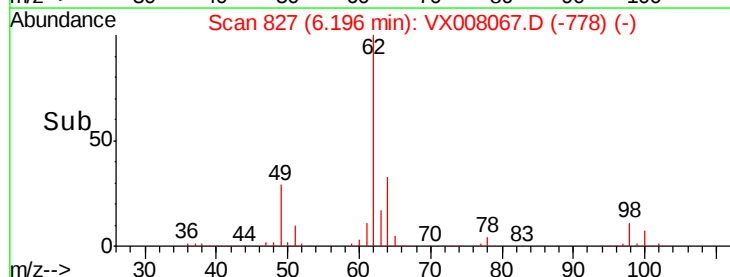
Ion Ratio Lower Upper

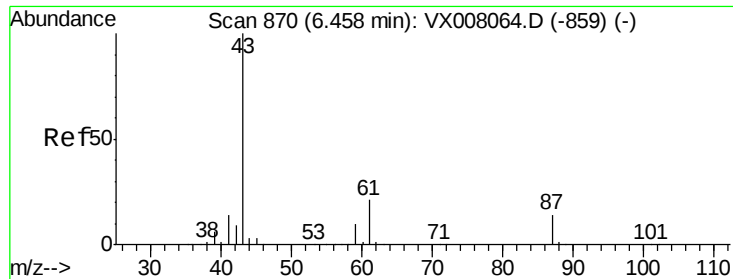
62 100

98 10.5 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 54.142 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

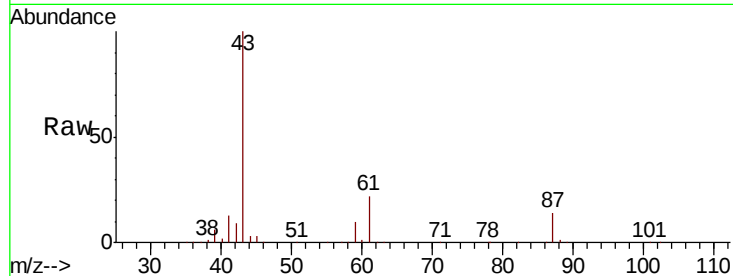
Tgt Ion: 43 Resp: 354733

Ion Ratio Lower Upper

43 100

61 21.4 16.3 24.5

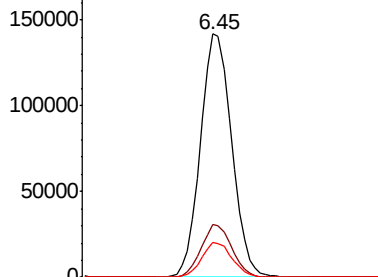
87 14.1 10.5 15.7



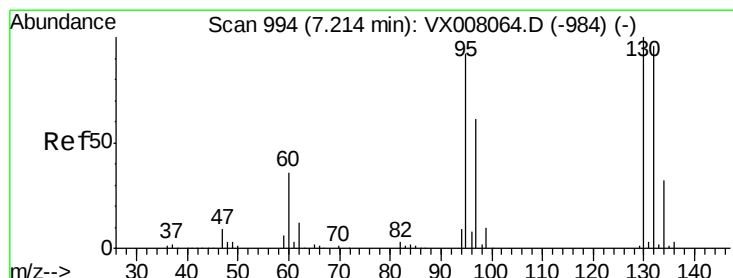
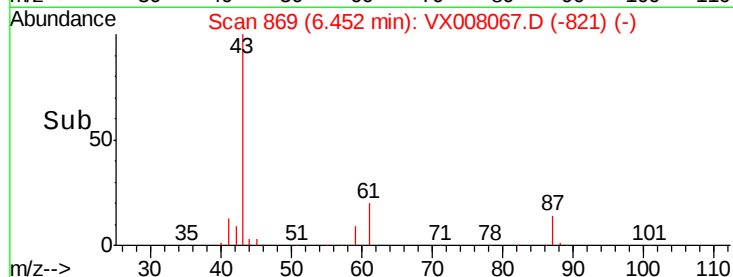
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 52.825 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008067.D

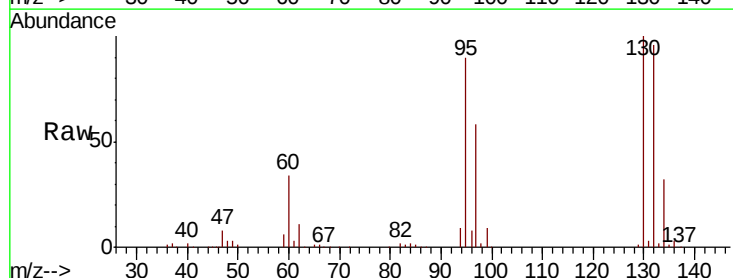
Acq: 14 Mar 2019 13:17

Tgt Ion: 130 Resp: 176791

Ion Ratio Lower Upper

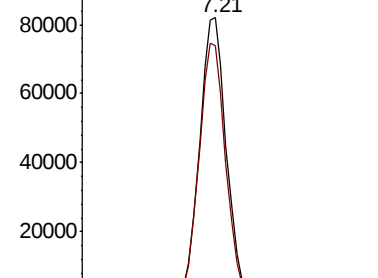
130 100

95 90.1 0.0 188.0

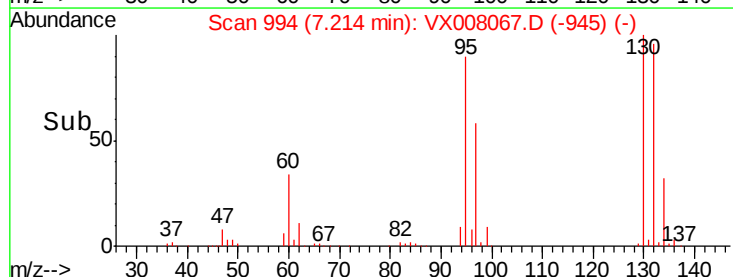


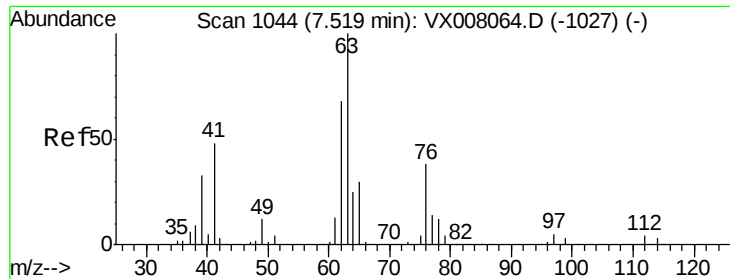
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time--> 7.10 7.20 7.30

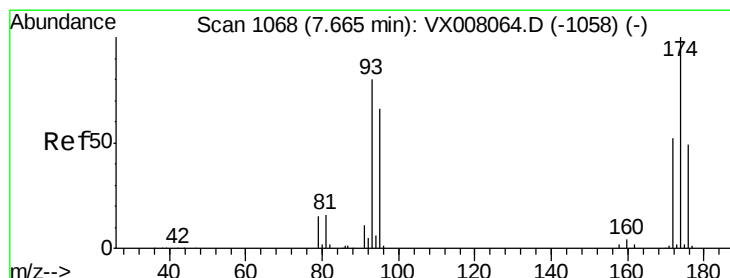
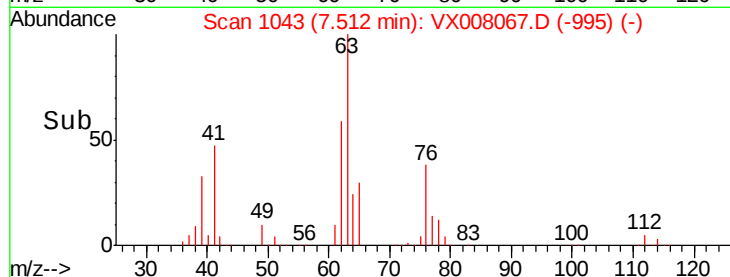
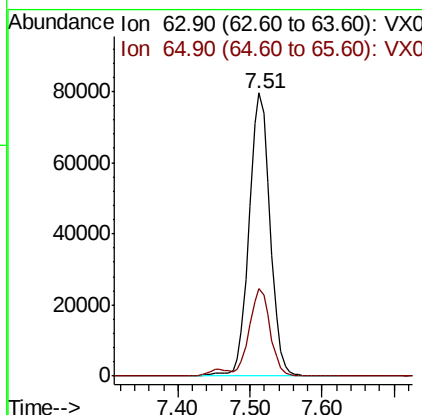
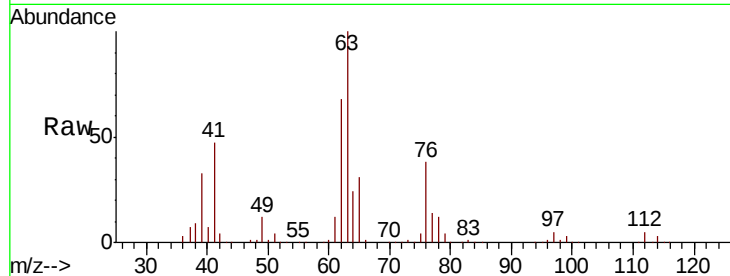




#45
 1,2-Dichloropropane
 Concen: 52.734 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

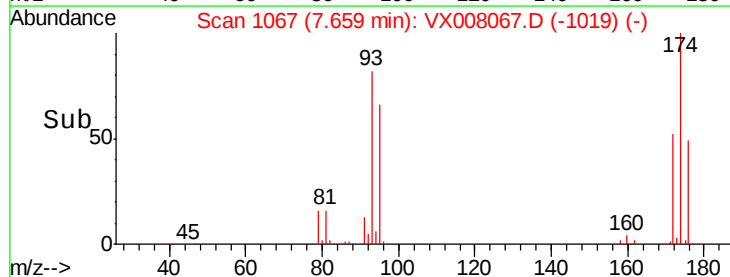
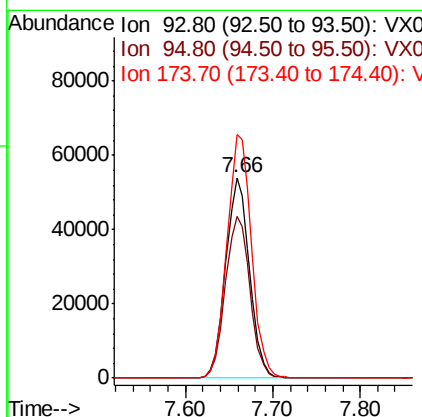
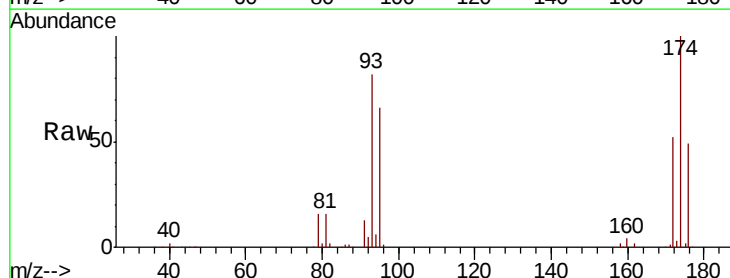
Instrument :
 MSVOA_X
 ClientSampleId :

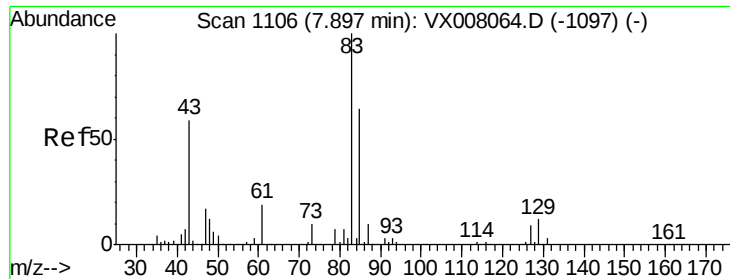
Tgt Ion: 63 Resp: 161329
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 53.396 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 93 Resp: 102387
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 124.8 97.3 145.9





#47

Bromodichloromethane

Concen: 52.752 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

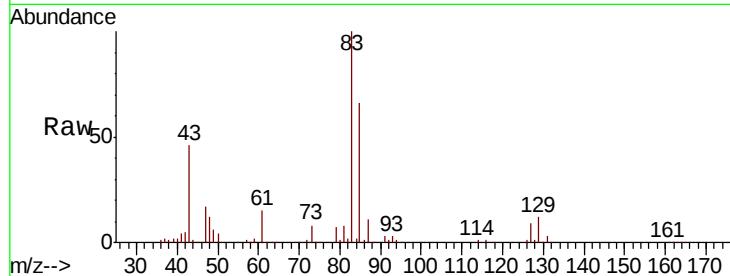
Tgt Ion: 83 Resp: 192372

Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3

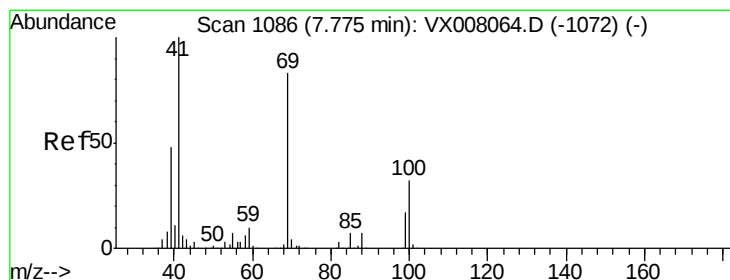
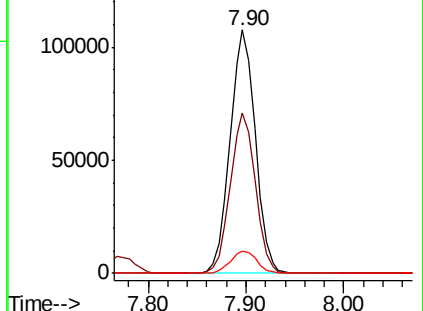
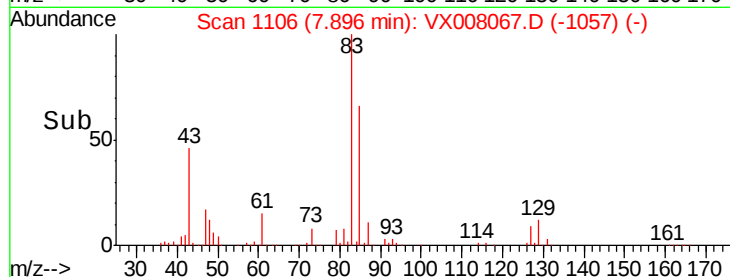
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.038 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

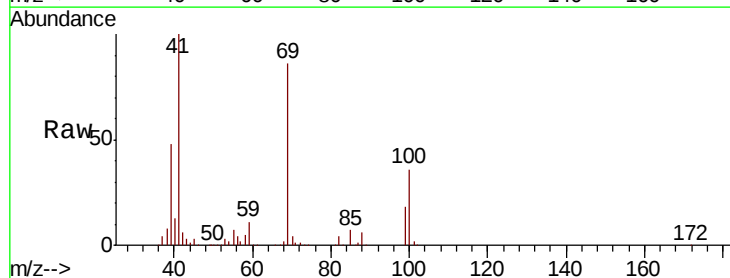
Tgt Ion: 41 Resp: 181490

Ion Ratio Lower Upper

41 100

69 86.2 65.2 97.8

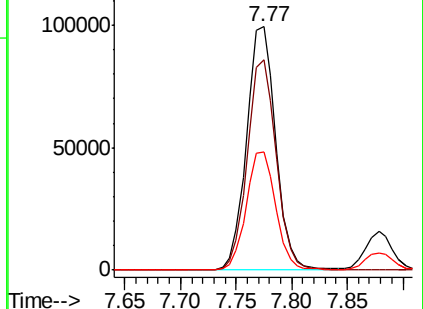
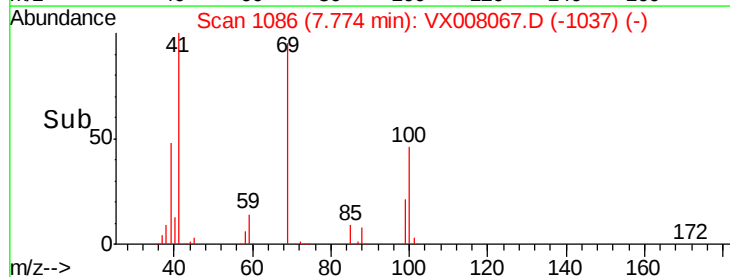
39 49.4 39.4 59.2

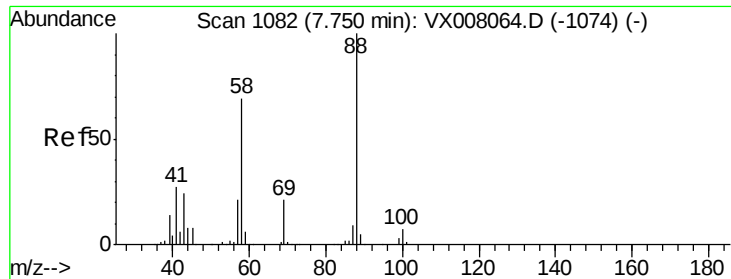


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

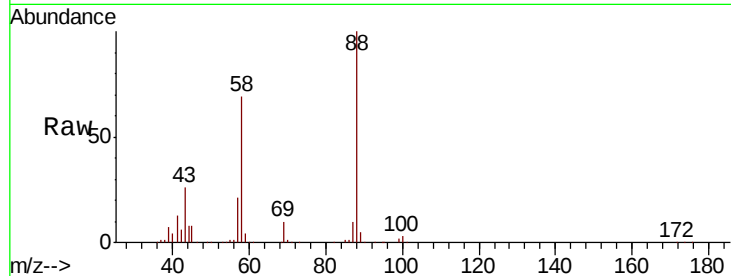




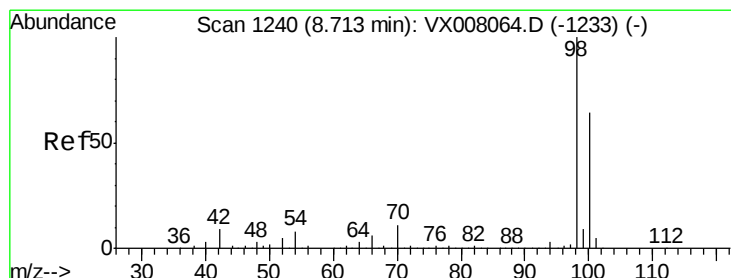
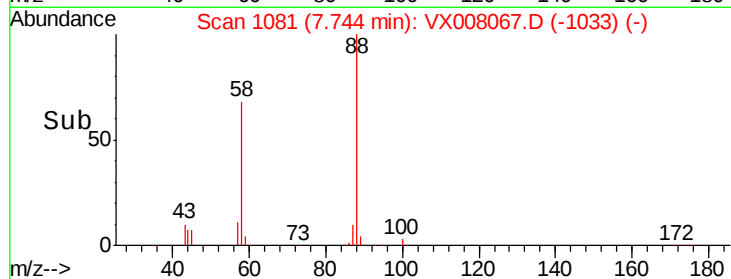
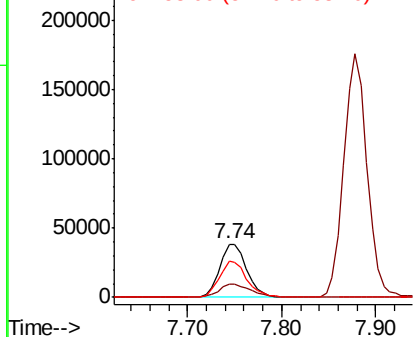
#49
 1,4-Dioxane
 Concen: 1037.213 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 88 Resp: 76549
 Ion Ratio Lower Upper
 88 100
 43 29.2 25.1 37.7
 58 69.0 57.8 86.6

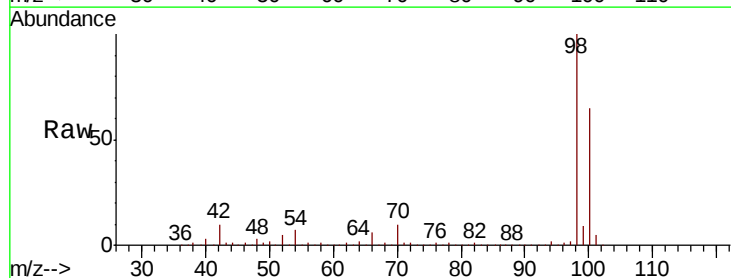


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

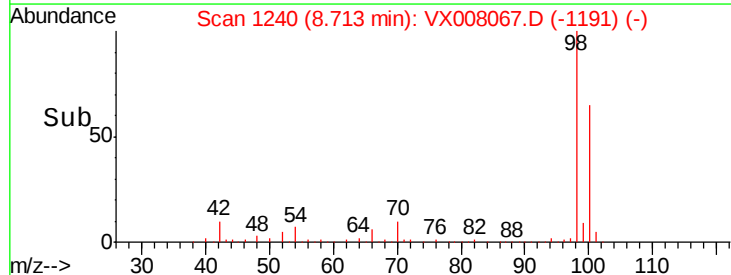
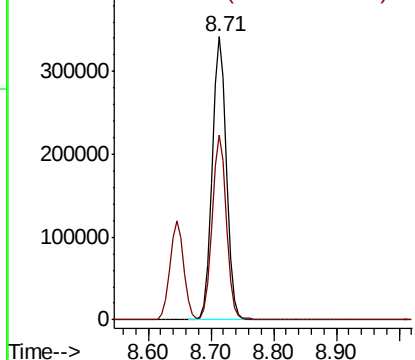


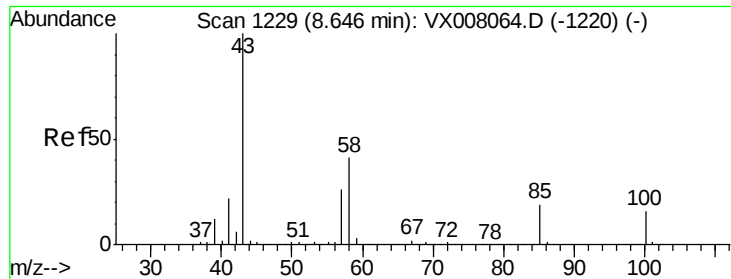
#50
 Toluene-d8
 Concen: 48.093 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 98 Resp: 533710
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 254.363 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

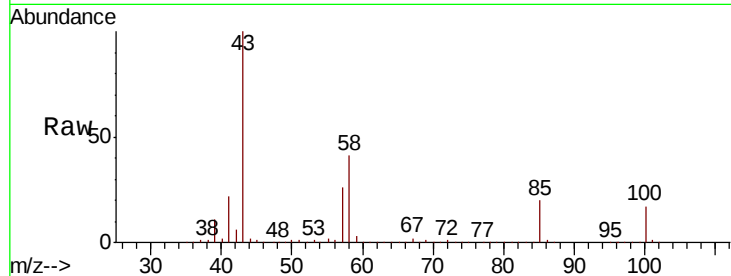
ClientSampleId :

Tgt Ion: 43 Resp: 1098365

Ion Ratio Lower Upper

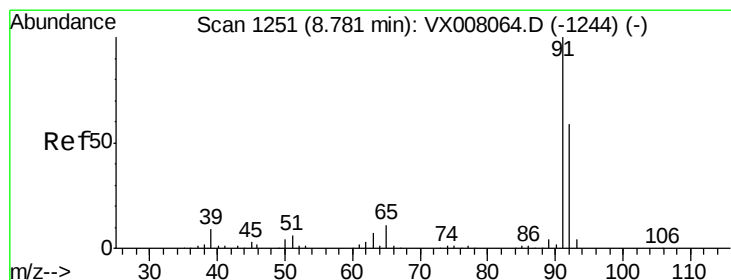
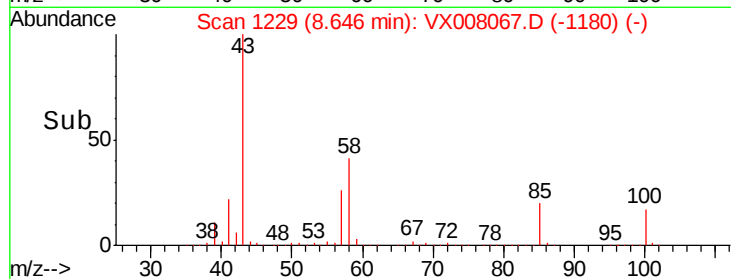
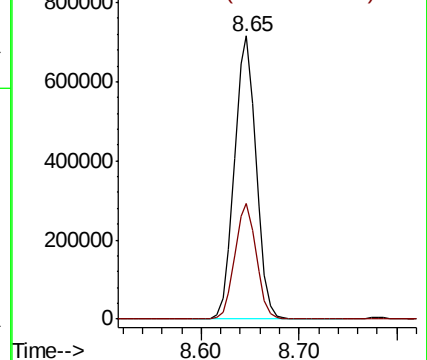
43 100

58 40.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.866 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008067.D

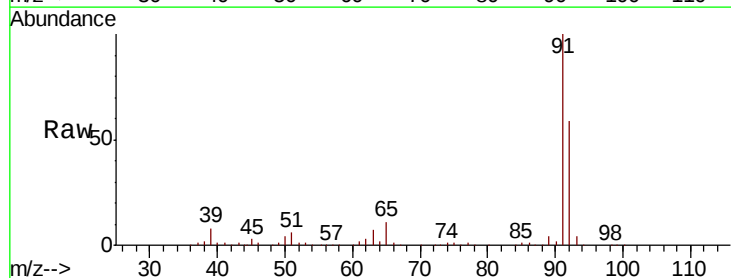
Acq: 14 Mar 2019 13:17

Tgt Ion: 92 Resp: 389692

Ion Ratio Lower Upper

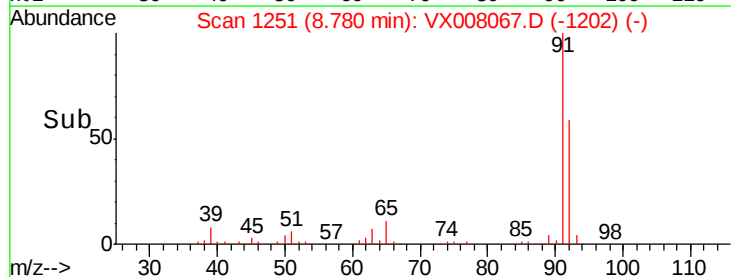
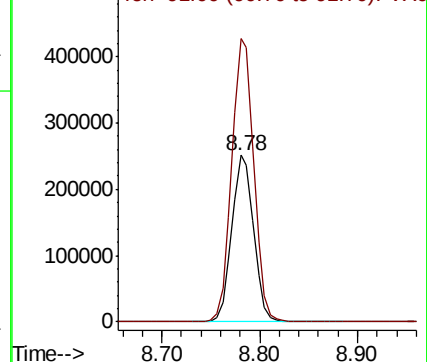
92 100

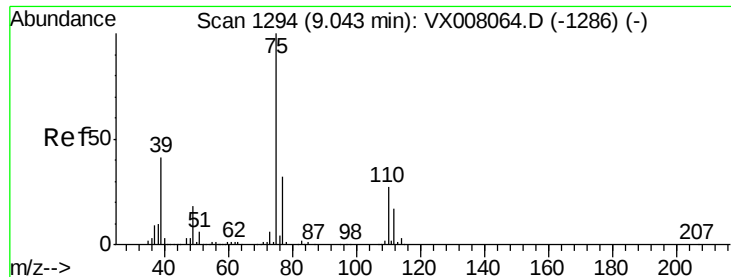
91 172.1 137.4 206.0



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: 56.455 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

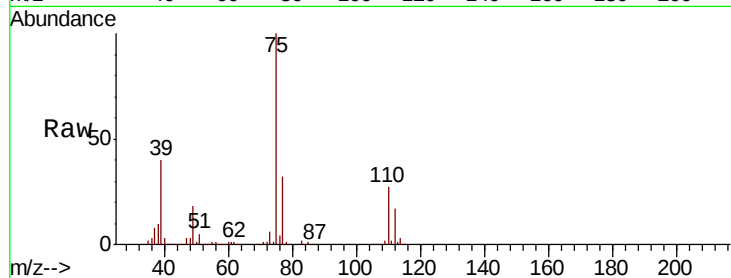
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 225688

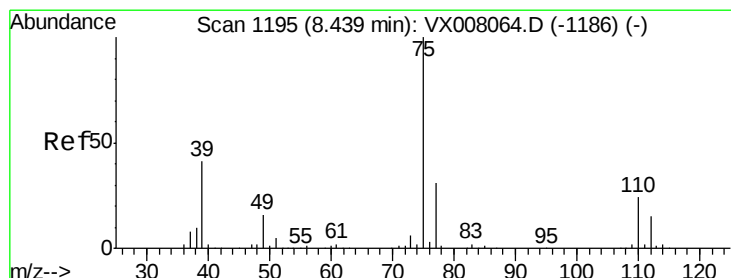
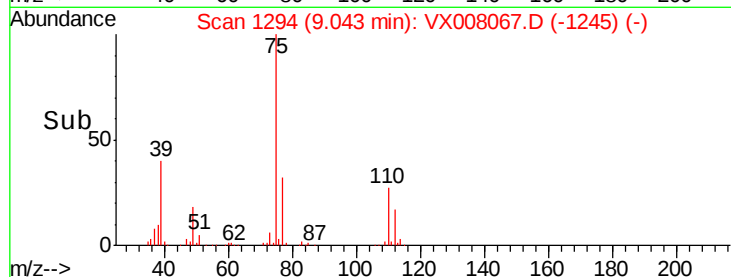
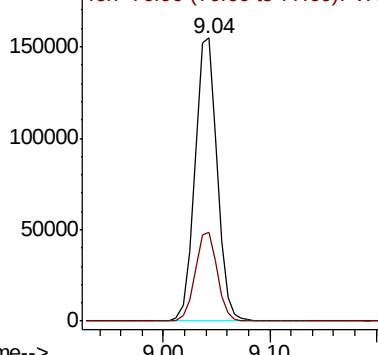
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



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: 55.822 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

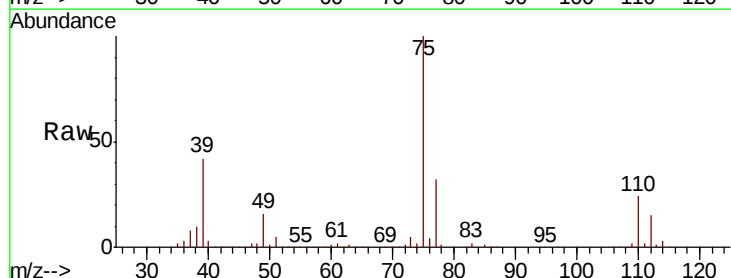
Tgt Ion: 75 Resp: 248008

Ion Ratio Lower Upper

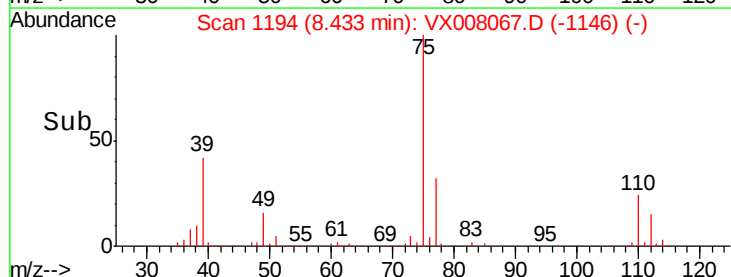
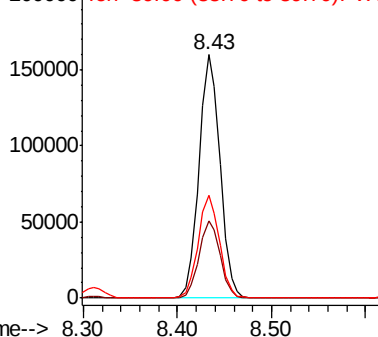
75 100

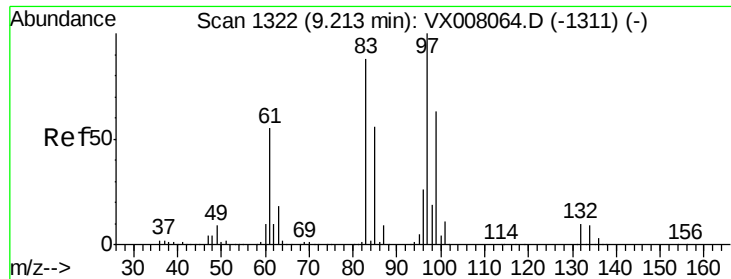
77 31.7 25.0 37.6

39 42.1 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

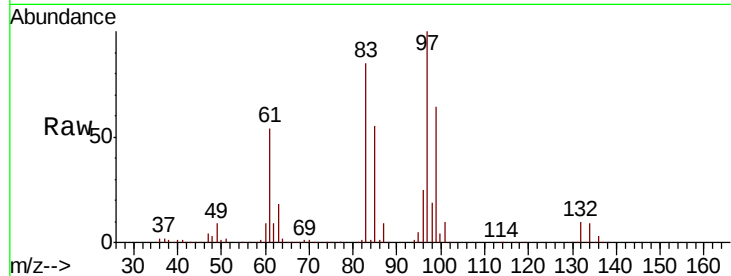




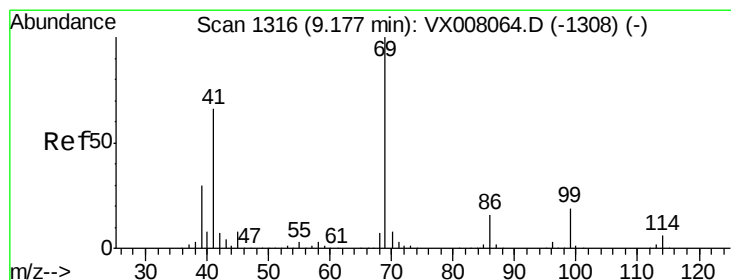
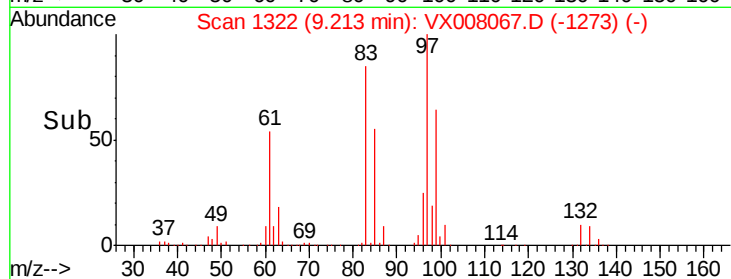
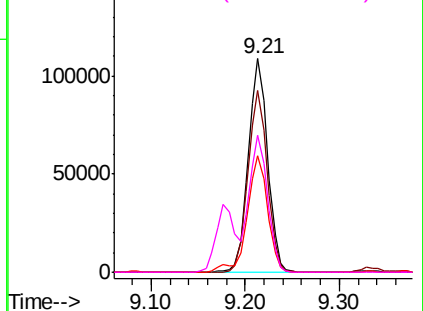
#55
 1,1,2-Trichloroethane
 Concen: 51.744 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:	97	Resp:	155305
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	54.7	44.3	66.5
99	64.0	49.8	74.8

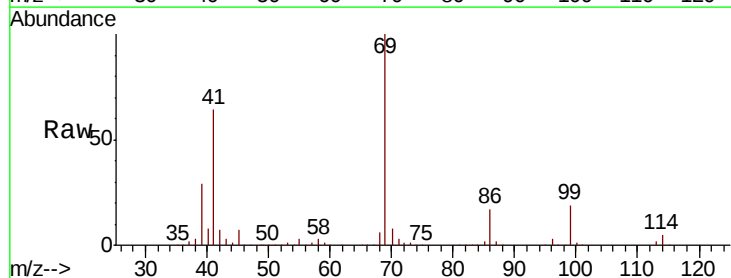


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

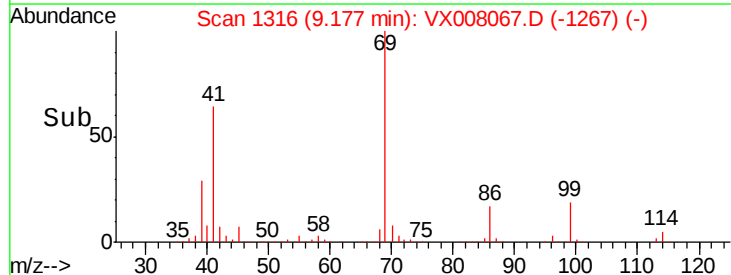
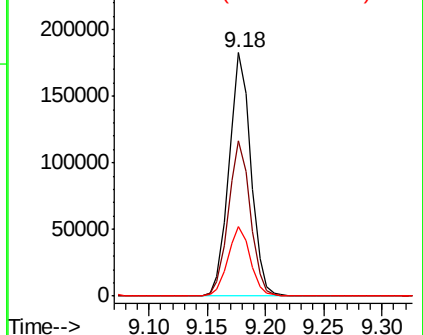


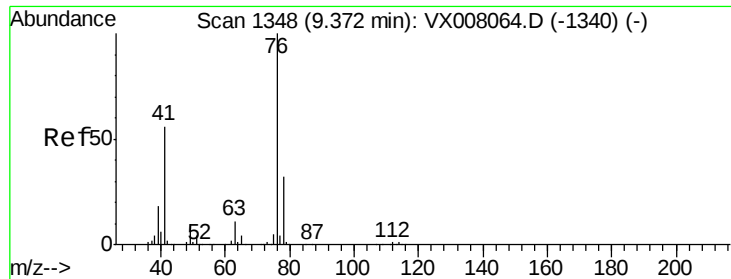
#56
 Ethyl methacrylate
 Concen: 54.085 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion:	69	Resp:	239786
Ion	Ratio	Lower	Upper
69	100		
41	64.1	54.2	81.4
39	29.5	25.0	37.4



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

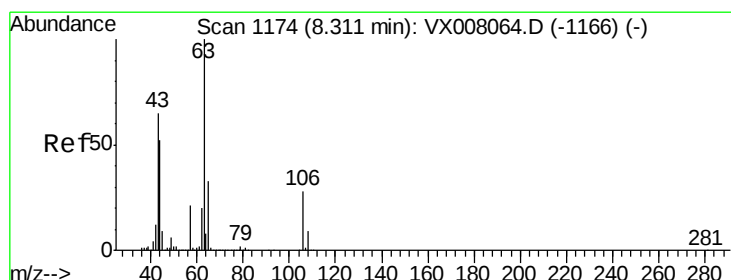
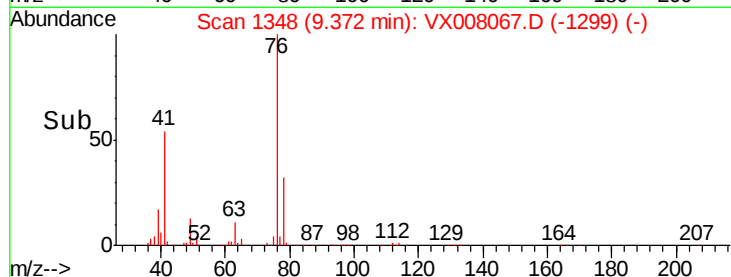
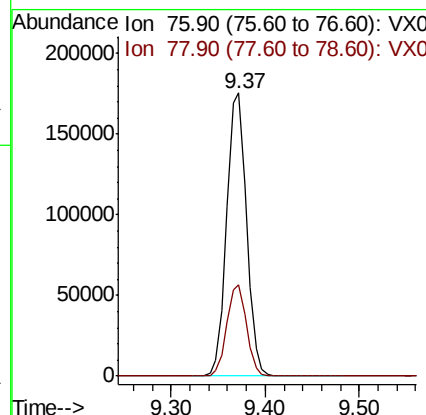
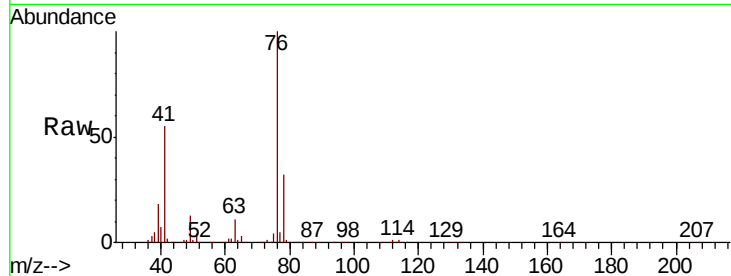




#57
 1,3-Dichloropropane
 Concen: 51.634 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

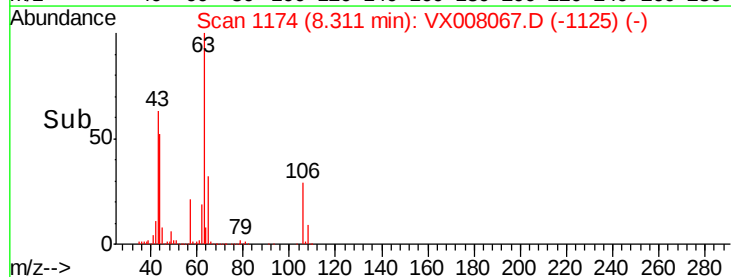
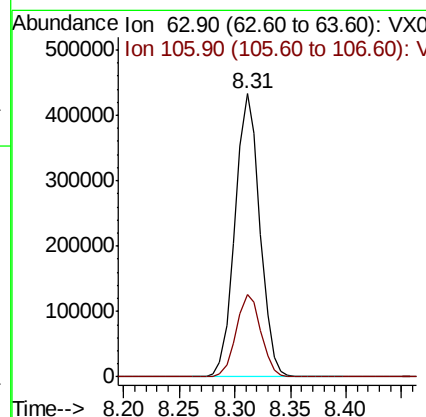
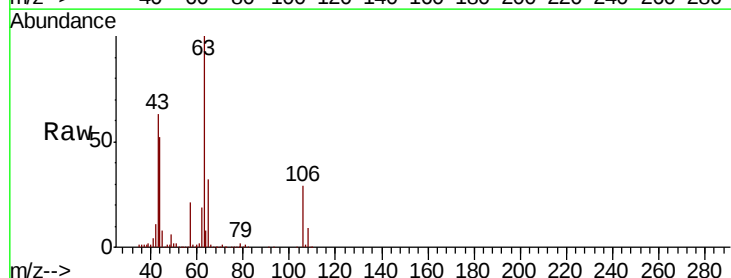
Instrument :
 MSVOA_X
 ClientSampled :

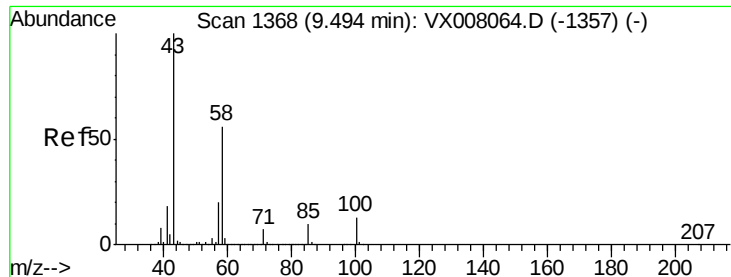
Tgt Ion: 76 Resp: 256473
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.075 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 63 Resp: 667906
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.2 33.2

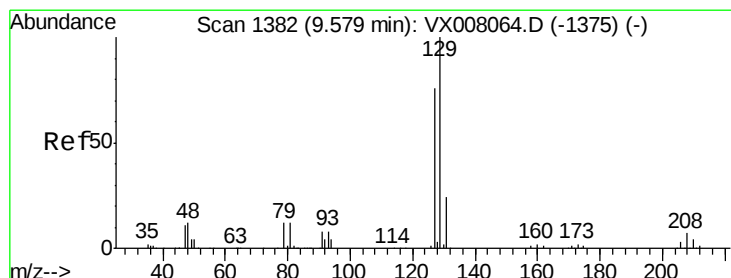
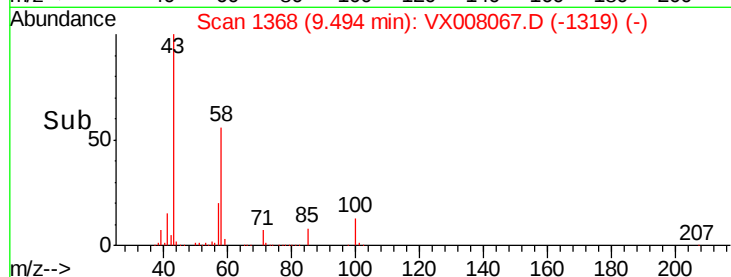
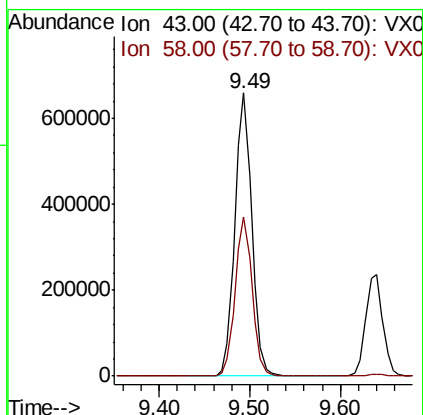
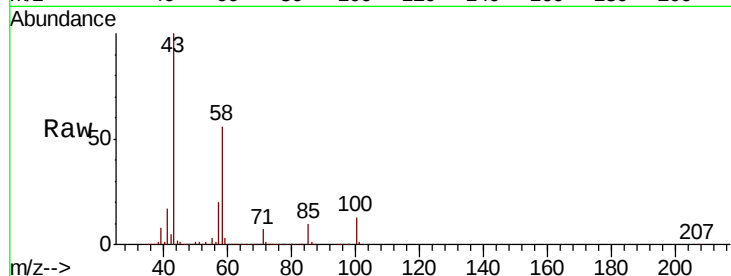




#59
2-Hexanone
Concen: 253.188 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

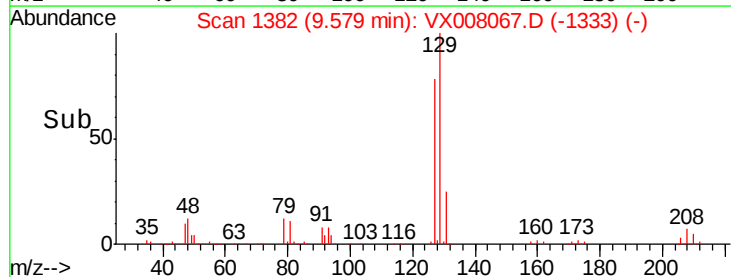
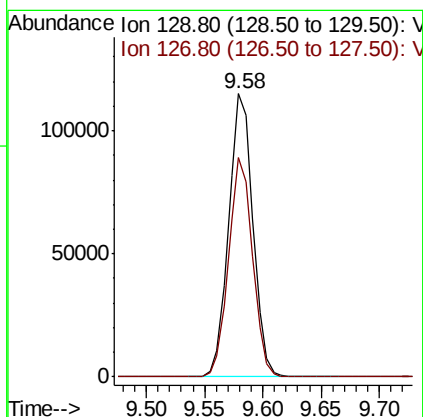
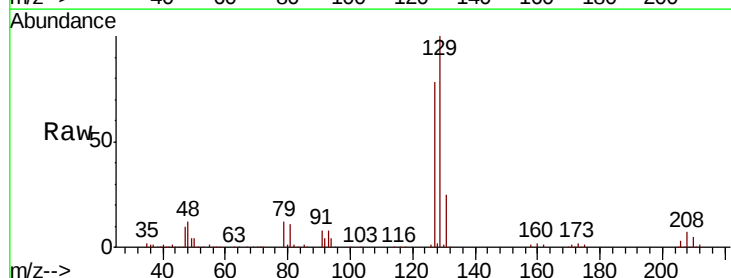
Instrument :
MSVOA_X
ClientSampleId :

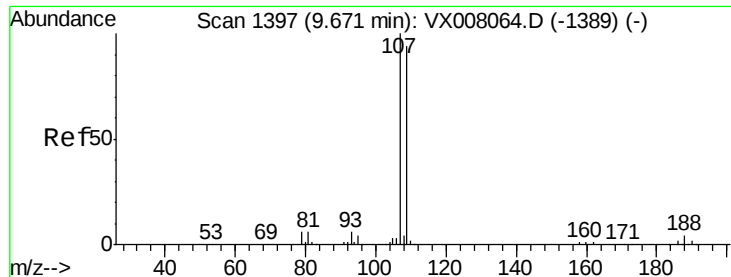
Tgt Ion: 43 Resp: 855026
Ion Ratio Lower Upper
43 100
58 56.5 27.6 82.7



#60
Dibromochloromethane
Concen: 53.717 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 129 Resp: 166168
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.232 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

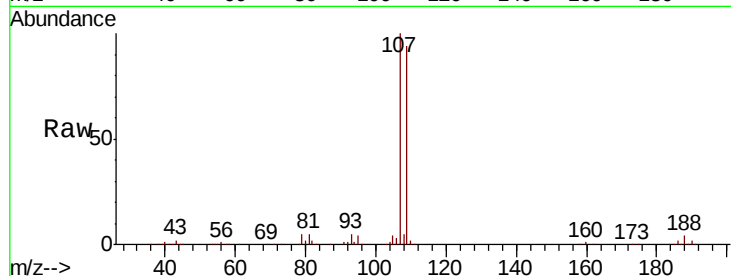
ClientSampled :

Tgt Ion:107 Resp: 167413

Ion Ratio Lower Upper

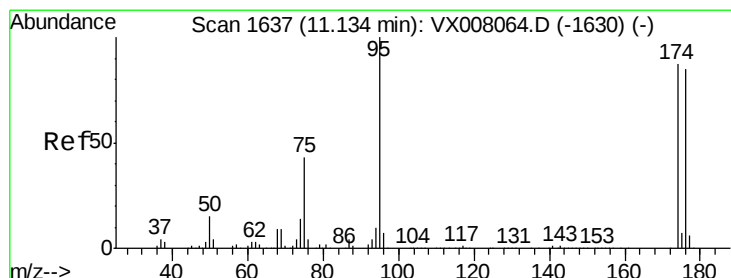
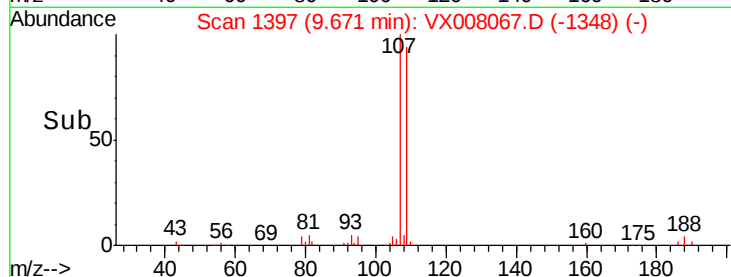
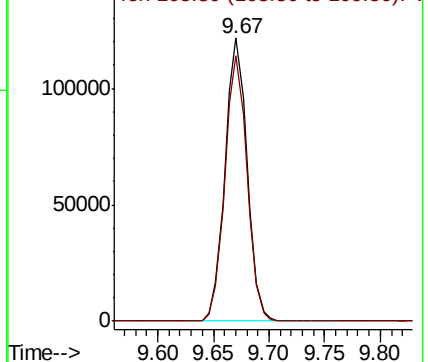
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.023 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

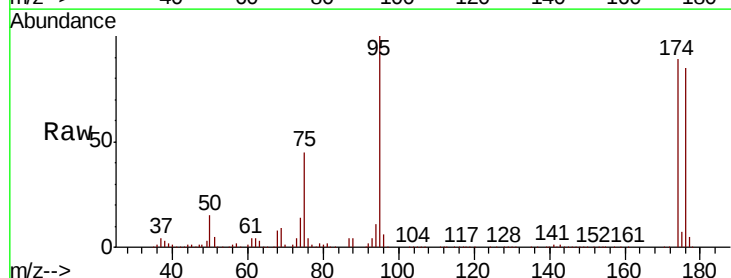
Tgt Ion: 95 Resp: 194893

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.8

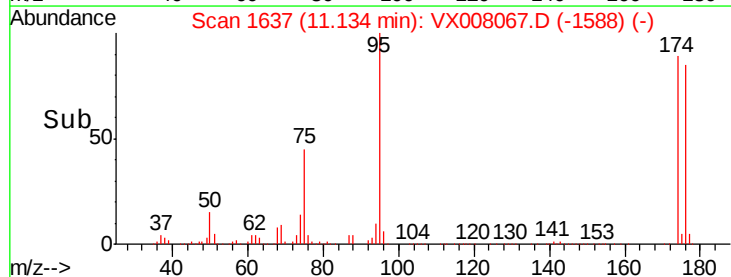
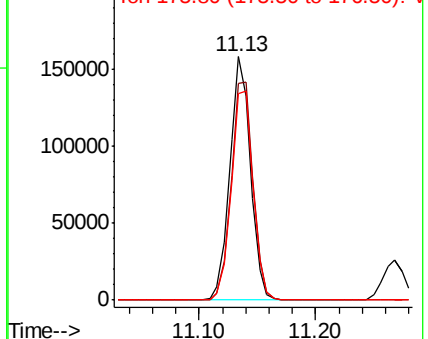
176 91.3 0.0 178.0

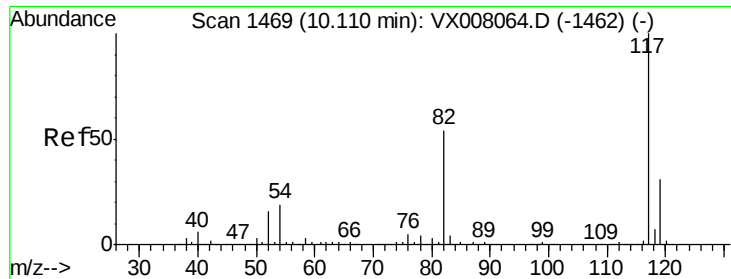


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

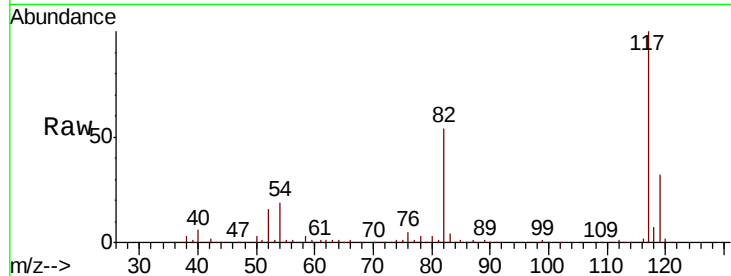




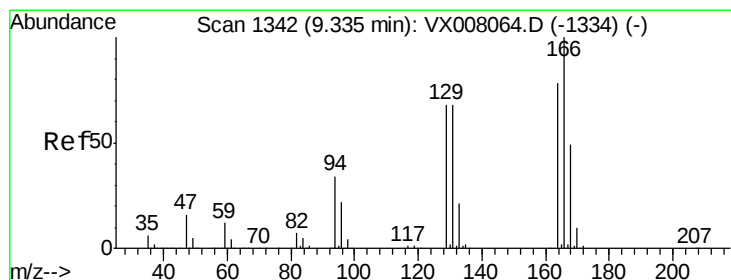
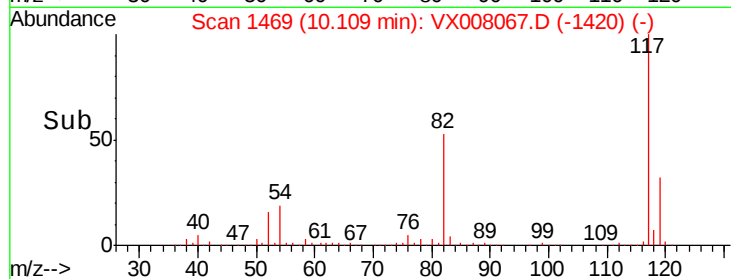
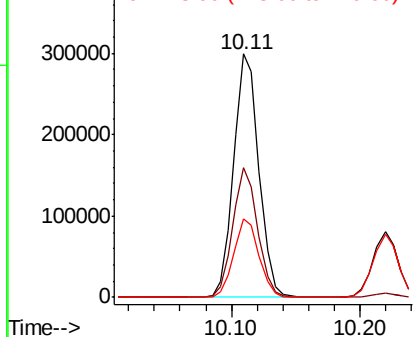
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 408464
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.2 25.3 37.9

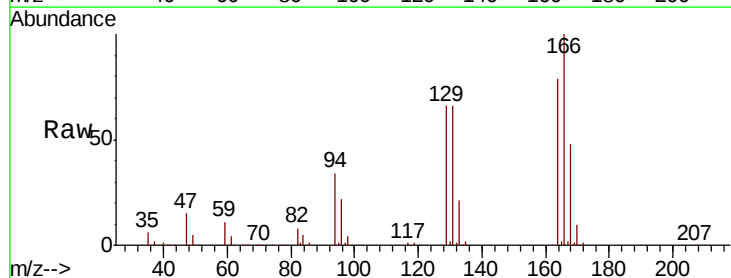


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

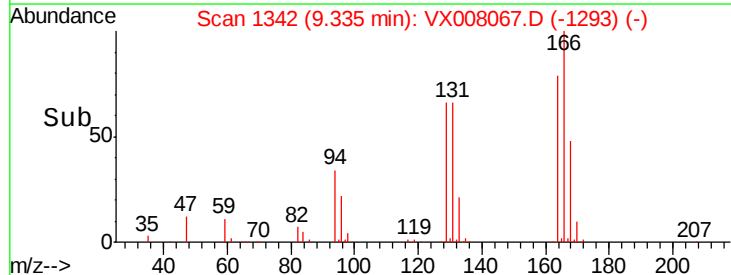
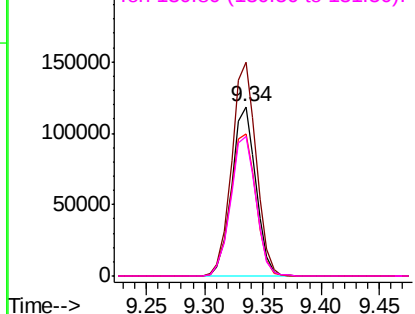


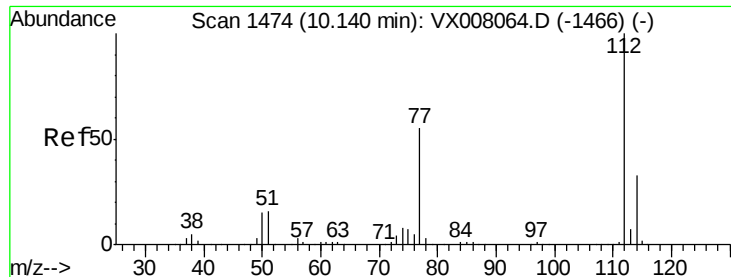
#64
Tetrachloroethene
Concen: 51.882 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion:164 Resp: 171705
Ion Ratio Lower Upper
164 100
166 125.9 103.4 155.0
129 83.6 72.2 108.4
131 82.5 69.4 104.2



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

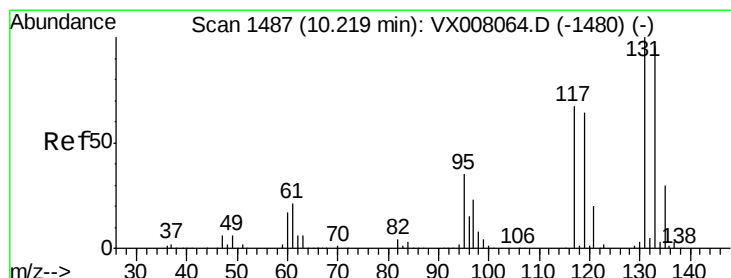
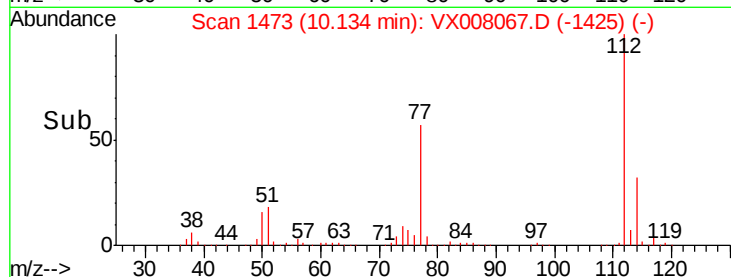
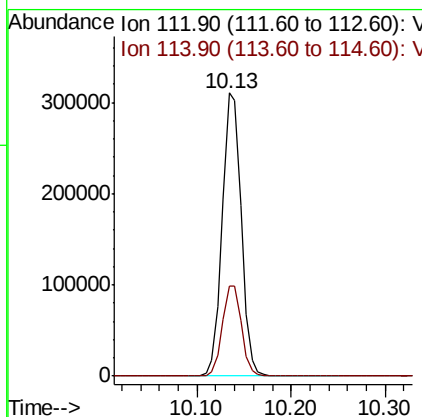
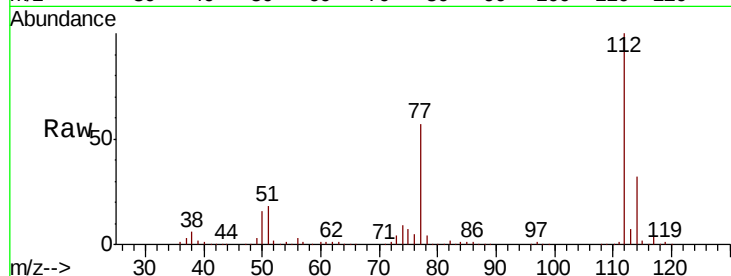




#65
Chlorobenzene
Concen: 53.638 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

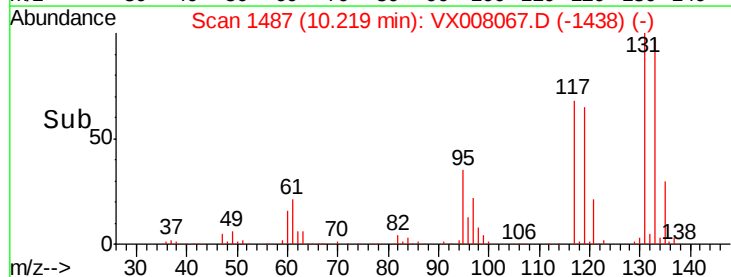
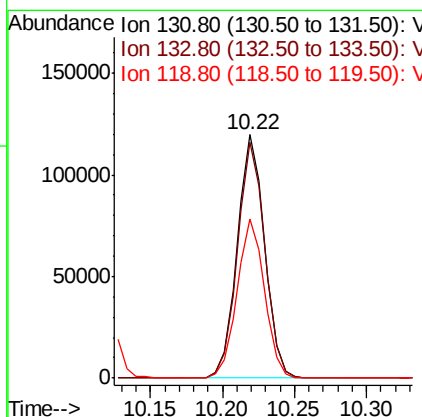
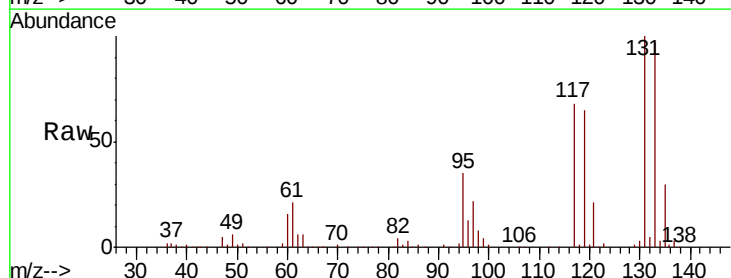
Instrument :
MSVOA_X
ClientSampleId :

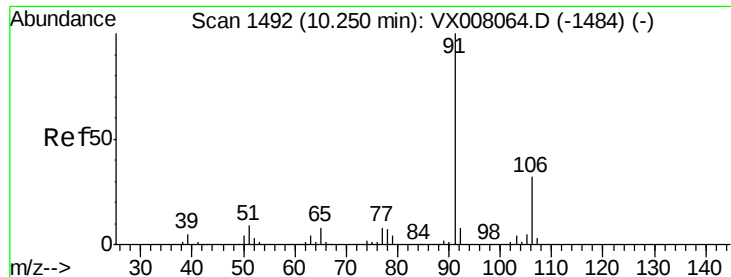
Tgt Ion:112 Resp: 434781
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.024 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion:131 Resp: 158285
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 65.5 32.5 97.5

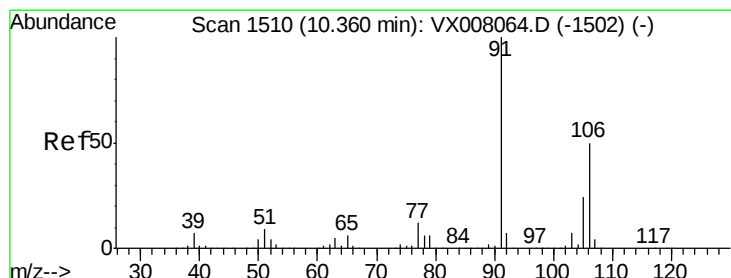
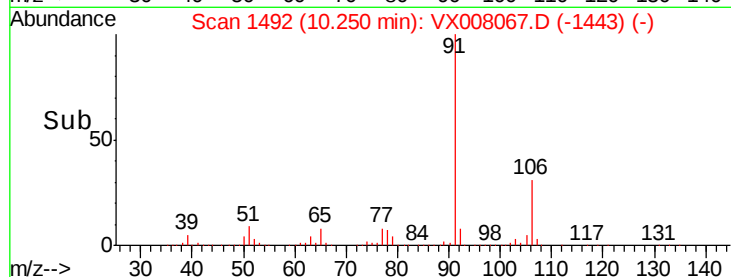
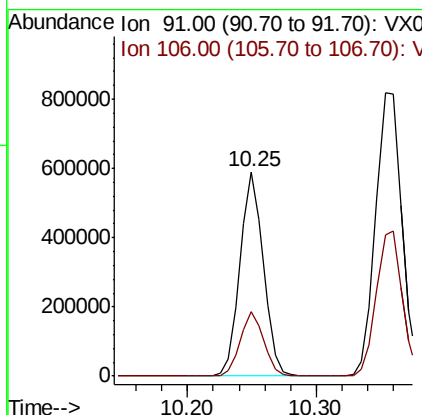
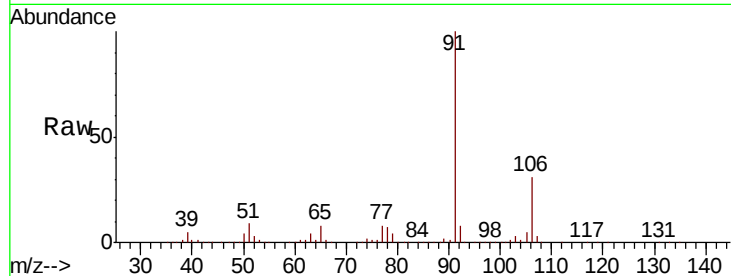




#67
Ethyl Benzene
Concen: 55.356 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

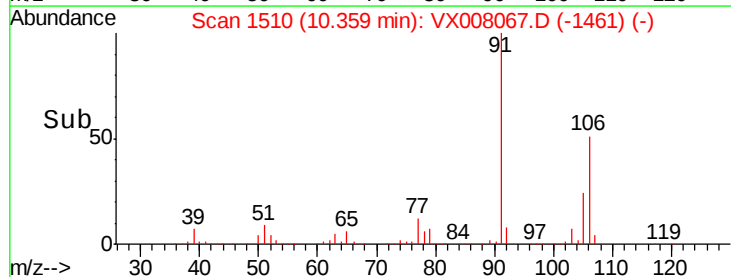
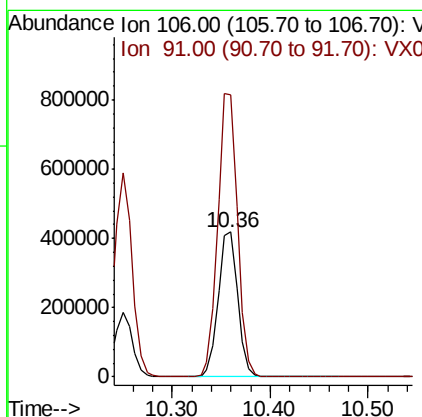
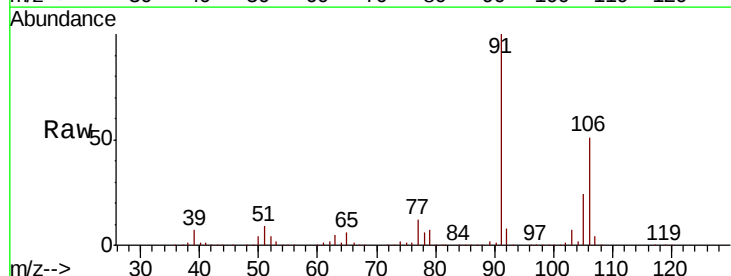
Instrument :
MSVOA_X
ClientSampled :

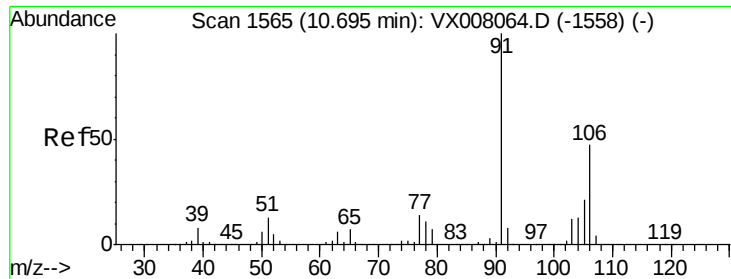
Tgt Ion: 91 Resp: 742690
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 112.208 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 106 Resp: 576056
Ion Ratio Lower Upper
106 100
91 199.0 159.8 239.6

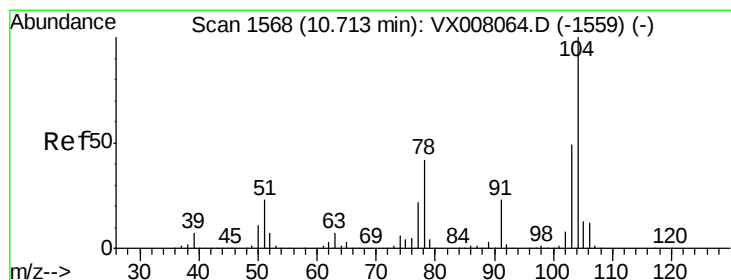
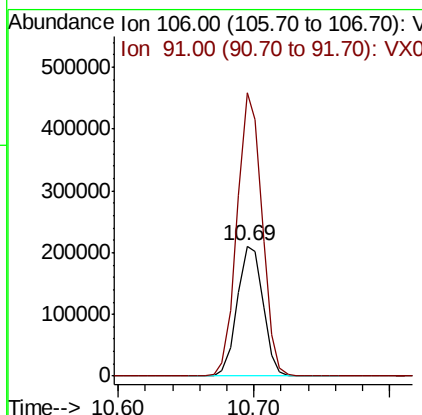
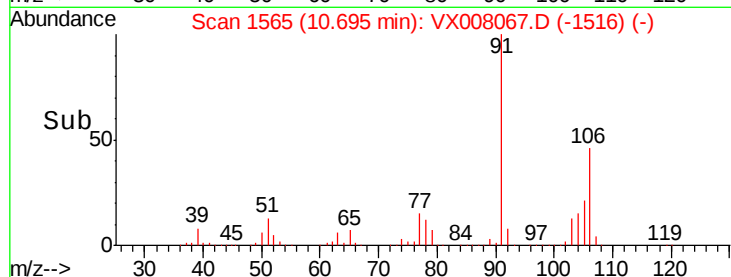
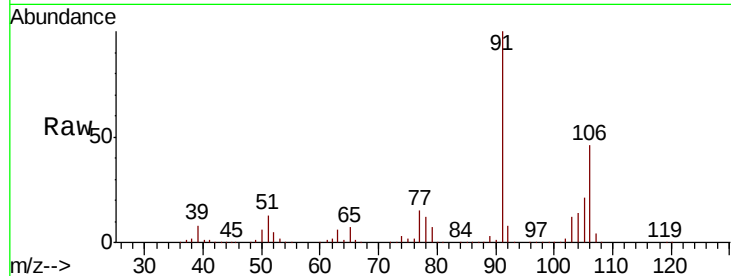




#69
o-Xylene
Concen: 55.661 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

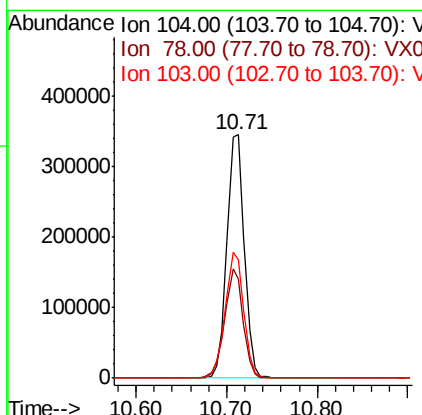
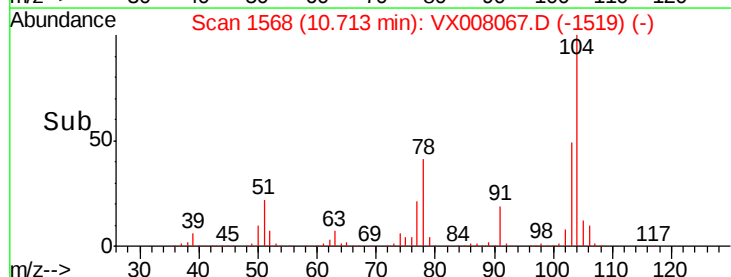
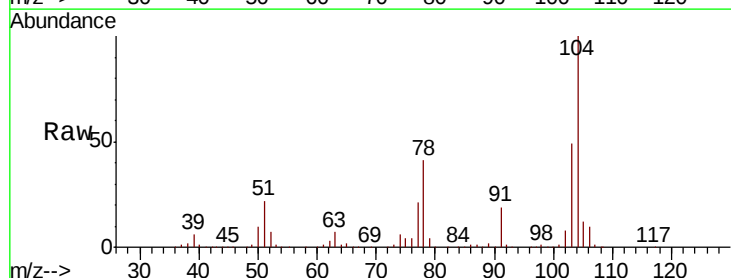
Instrument :
MSVOA_X
ClientSampled :

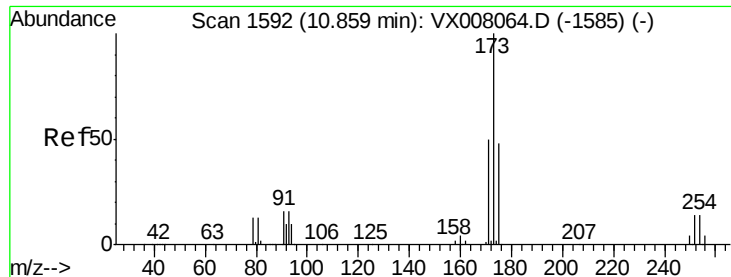
Tgt Ion:106 Resp: 278568
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.9



#70
Styrene
Concen: 56.202 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion:104 Resp: 460788
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 56.645 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

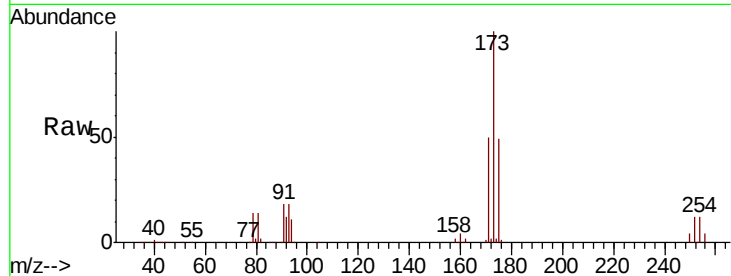
Tgt Ion:173 Resp: 134851

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

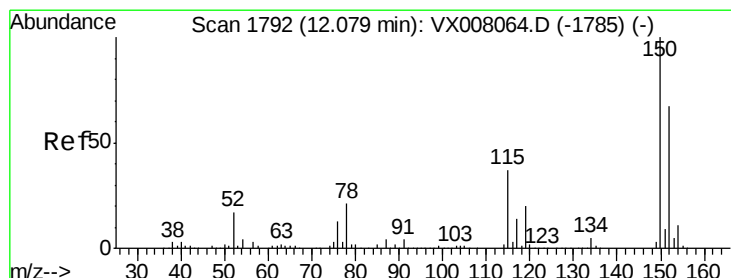
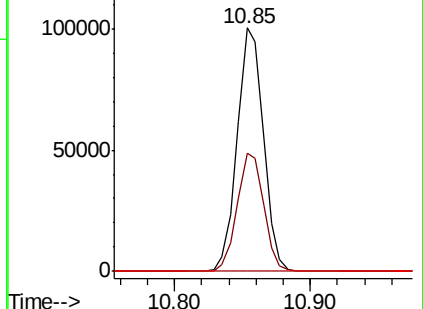
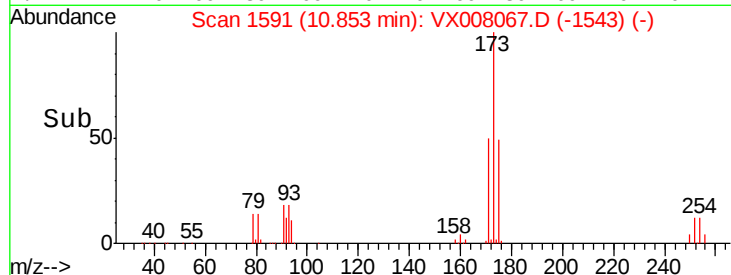
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

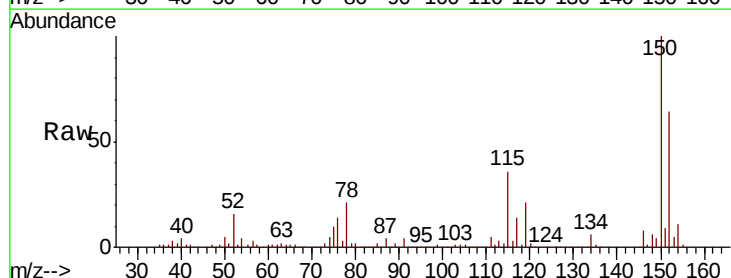
Tgt Ion:152 Resp: 218772

Ion Ratio Lower Upper

152 100

115 77.7 38.6 115.7

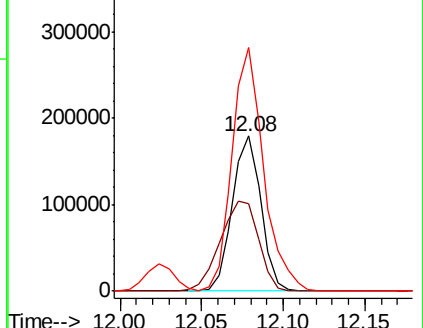
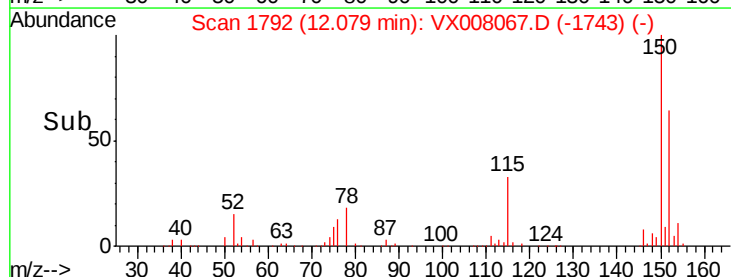
150 173.6 0.0 348.4

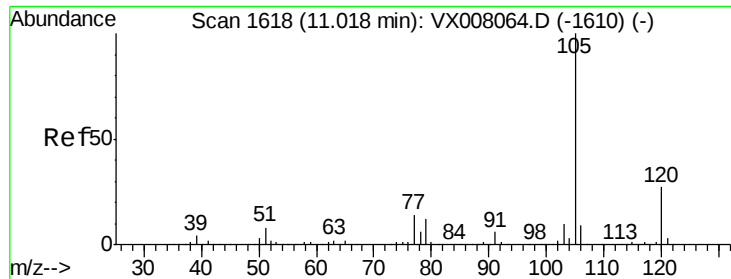


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.218 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

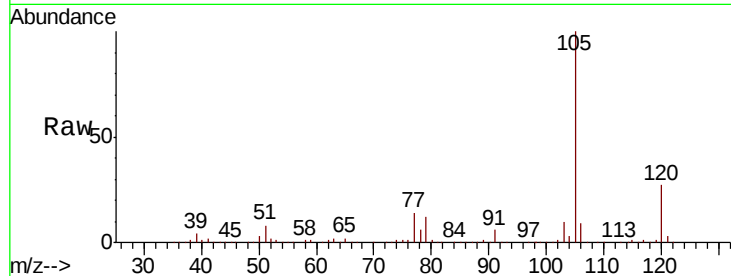
ClientSampleId :

Tgt Ion: 105 Resp: 759707

Ion Ratio Lower Upper

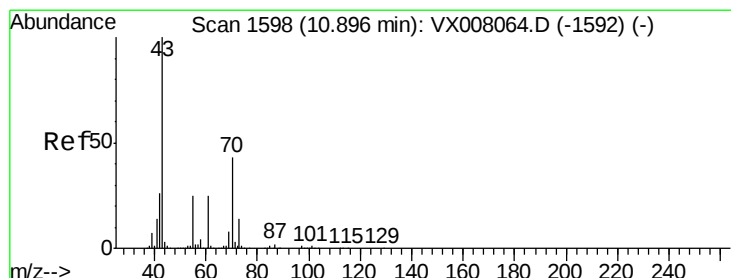
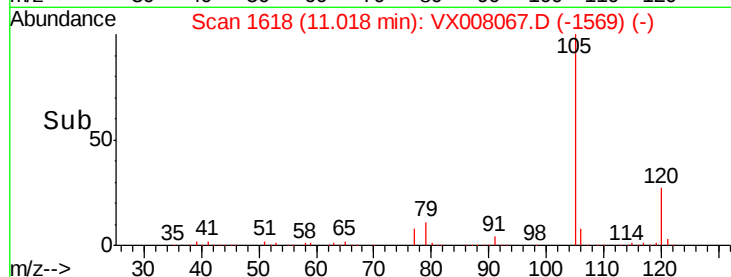
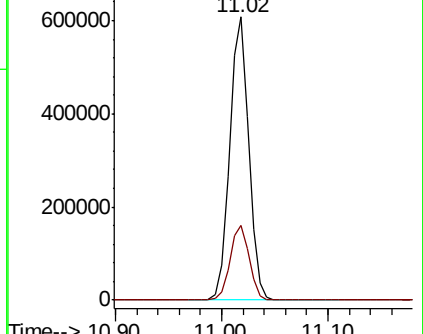
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.310 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion: 43 Resp: 303284

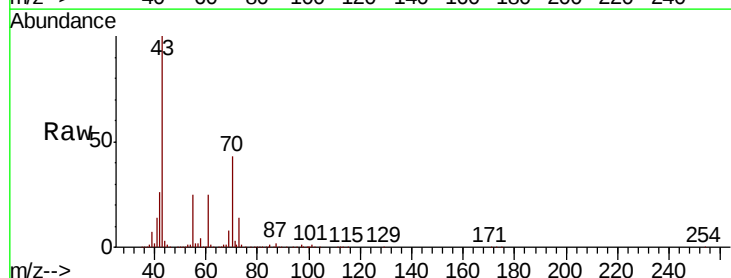
Ion Ratio Lower Upper

43 100

70 43.7 33.5 50.3

55 24.7 19.2 28.8

61 25.0 19.0 28.6

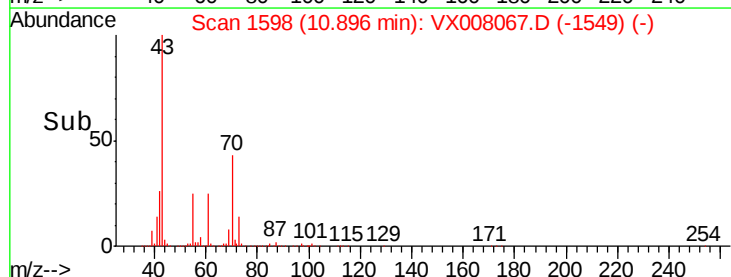
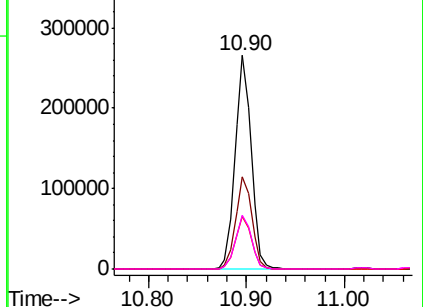


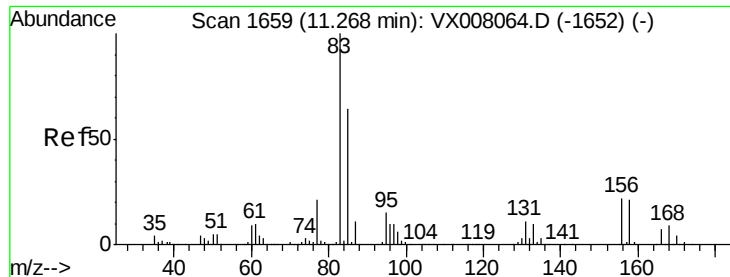
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

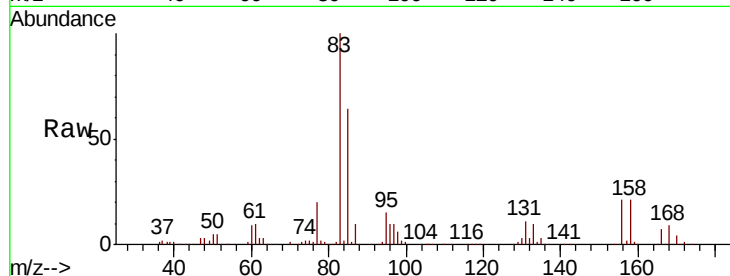
Tgt Ion: 83 Resp: 230279

Ion Ratio Lower Upper

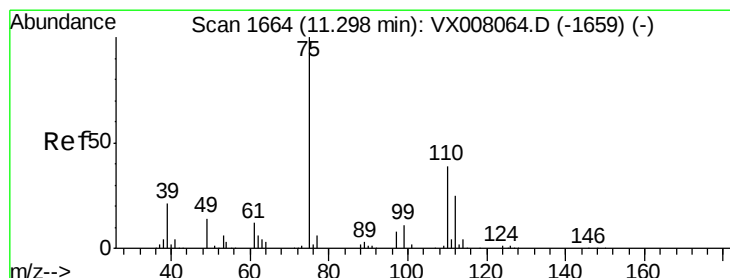
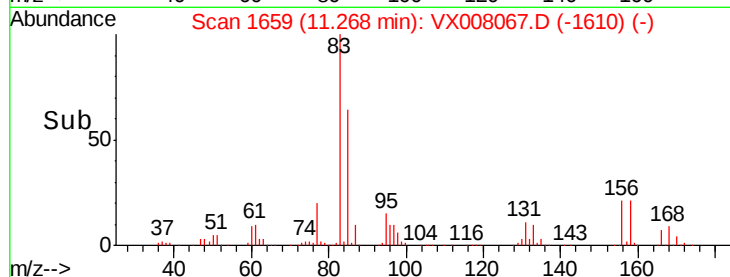
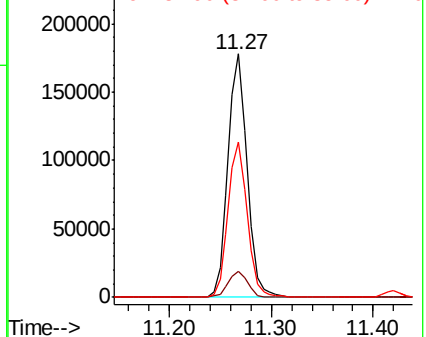
83 100

131 10.8 5.4 16.2

85 63.9 32.3 96.8



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: 72.052 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008067.D

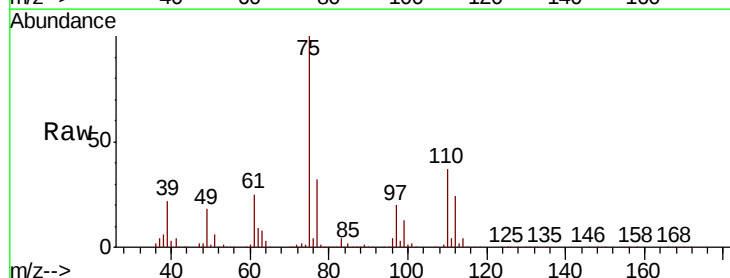
Acq: 14 Mar 2019 13:17

Tgt Ion: 75 Resp: 273758

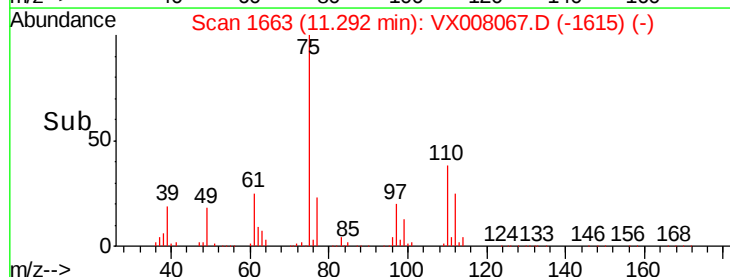
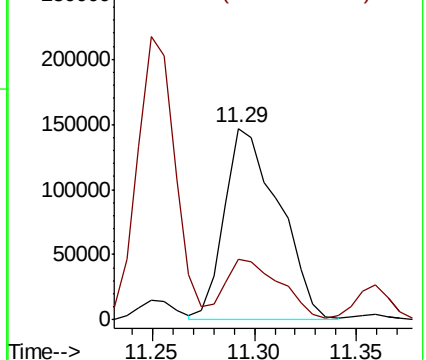
Ion Ratio Lower Upper

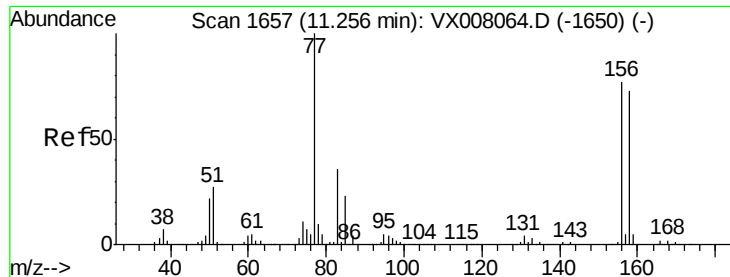
75 100

77 32.2 18.9 56.7



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





#77

Bromobenzene

Concen: 52.857 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

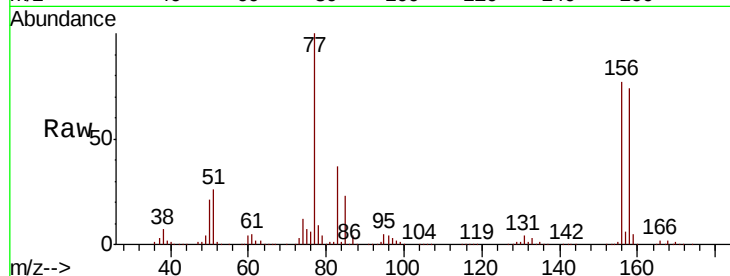
Tgt Ion:156 Resp: 202157

Ion Ratio Lower Upper

156 100

77 138.1 72.0 215.9

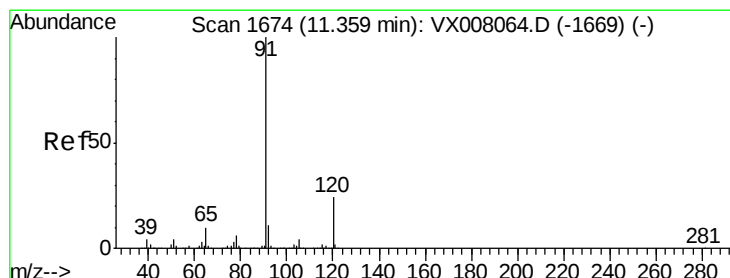
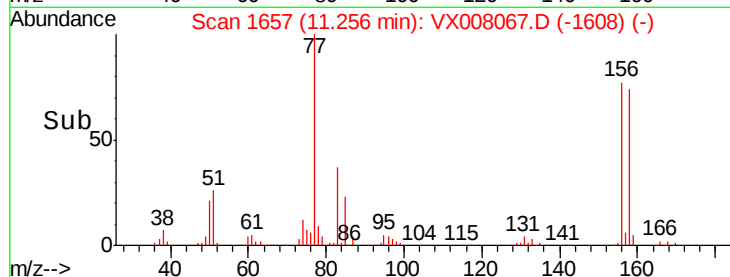
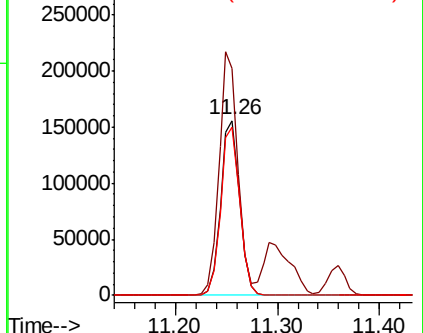
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.344 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008067.D

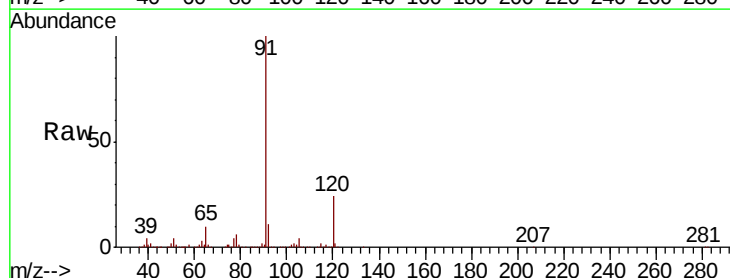
Acq: 14 Mar 2019 13:17

Tgt Ion: 91 Resp: 850792

Ion Ratio Lower Upper

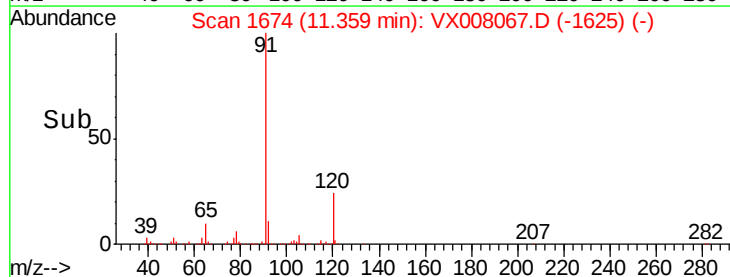
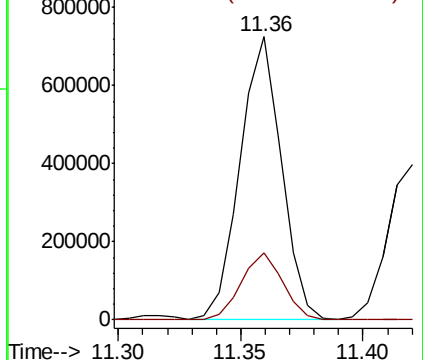
91 100

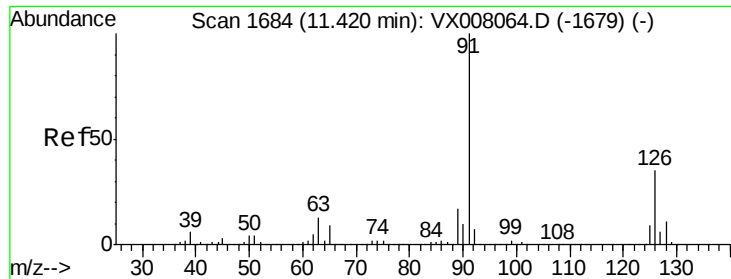
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

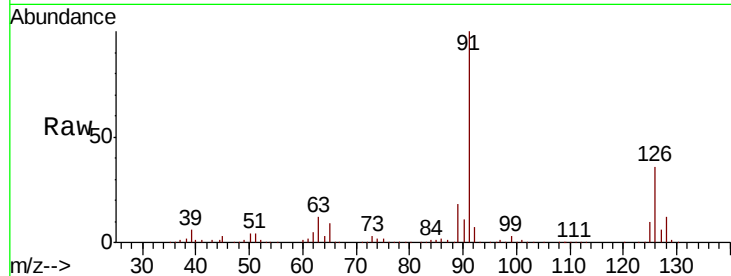




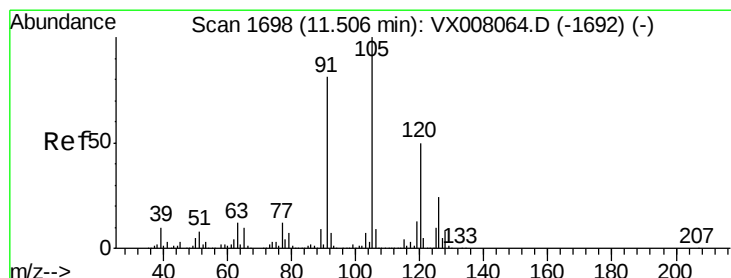
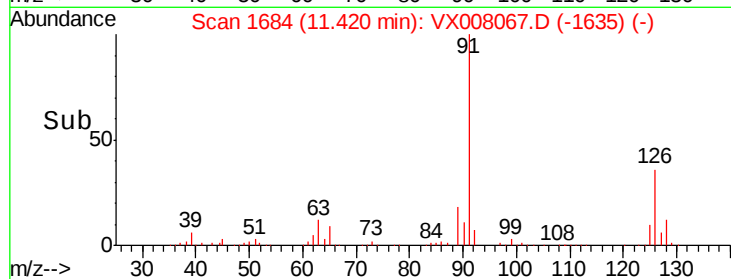
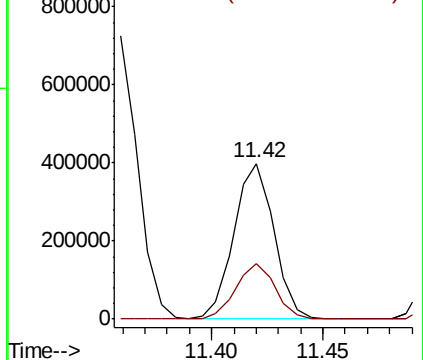
#79
 2-Chlorotoluene
 Concen: 52.945 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 91 Resp: 497063
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6

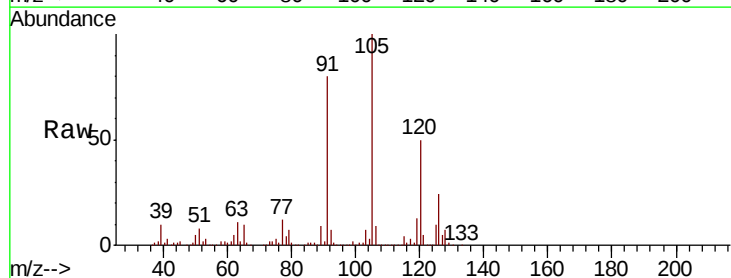


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

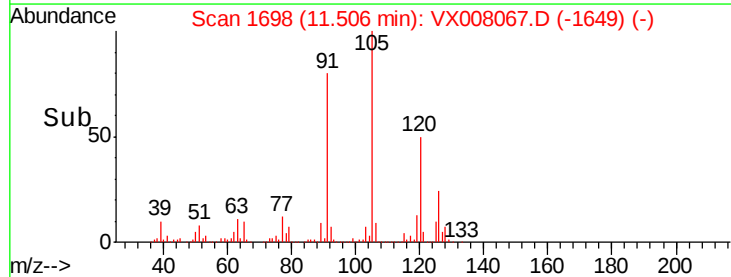
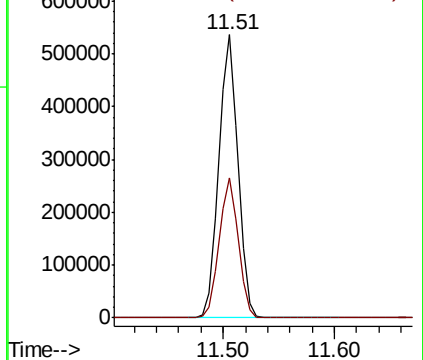


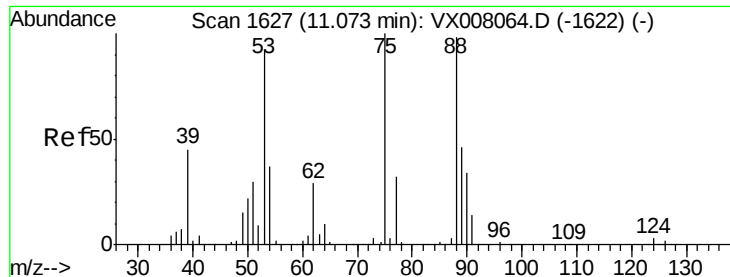
#80
 1,3,5-Trimethylbenzene
 Concen: 55.059 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 105 Resp: 635726
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.820 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

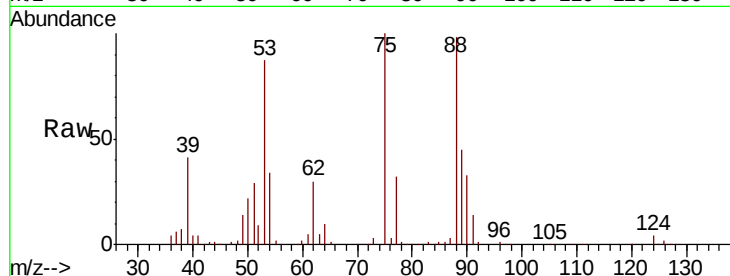
Tgt Ion: 75 Resp: 74529

Ion Ratio Lower Upper

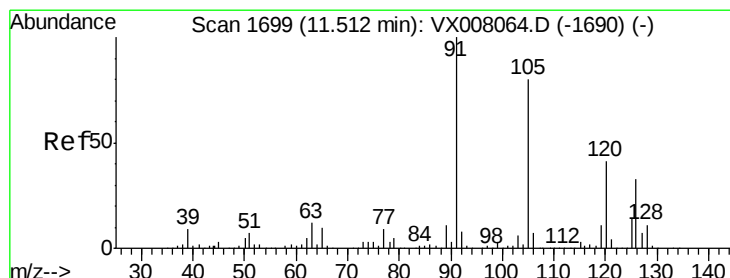
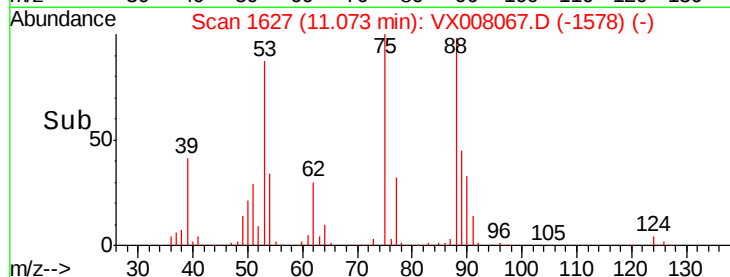
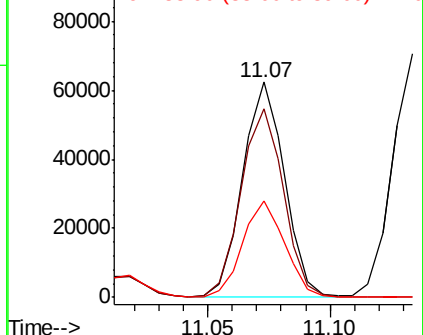
75 100

53 88.4 76.1 114.1

89 45.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.722 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008067.D

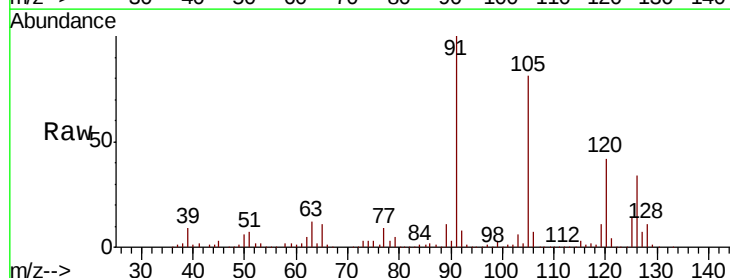
Acq: 14 Mar 2019 13:17

Tgt Ion: 91 Resp: 577653

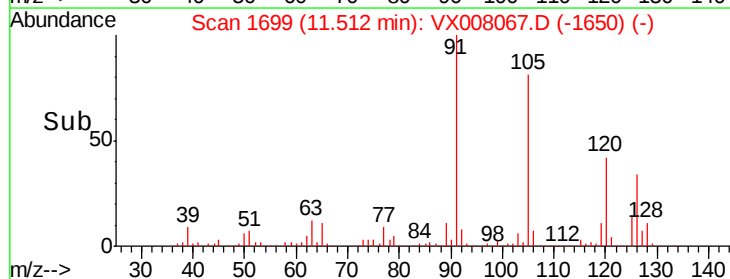
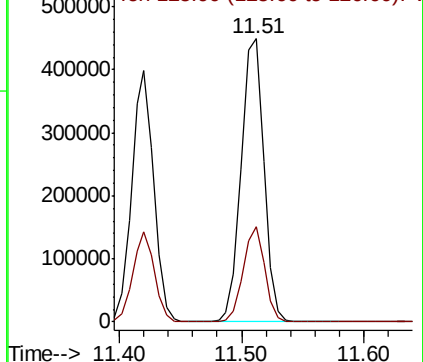
Ion Ratio Lower Upper

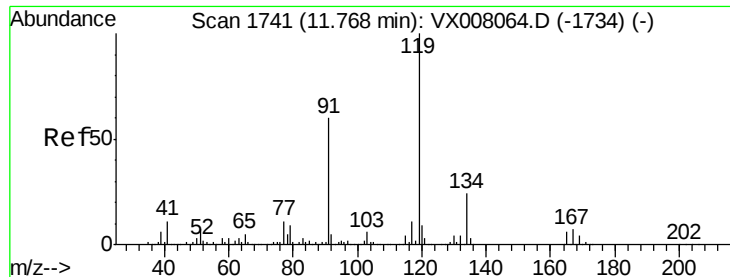
91 100

126 31.7 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

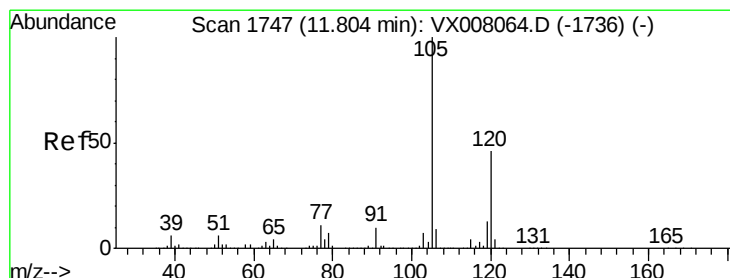
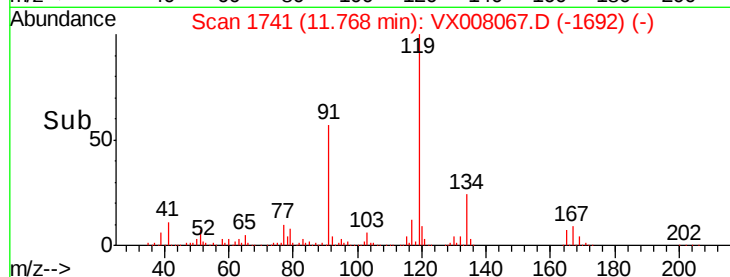
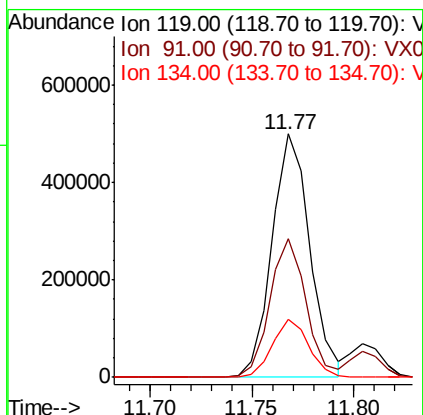
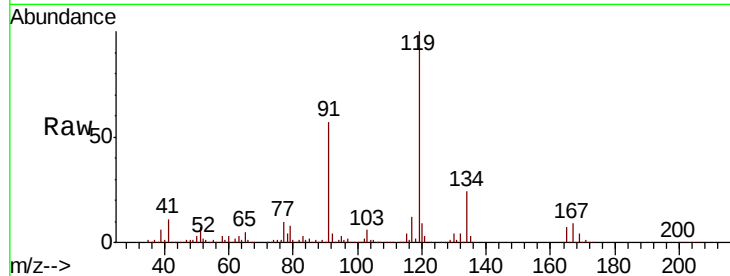




#83
 tert-Butylbenzene
 Concen: 55.937 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

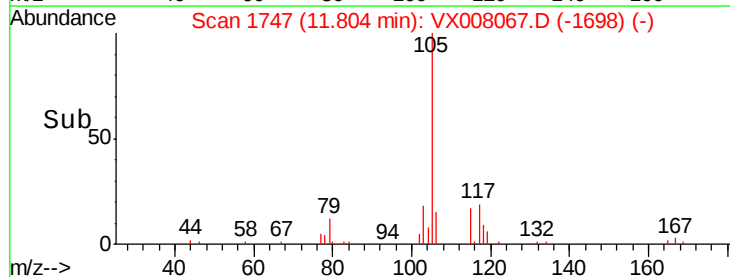
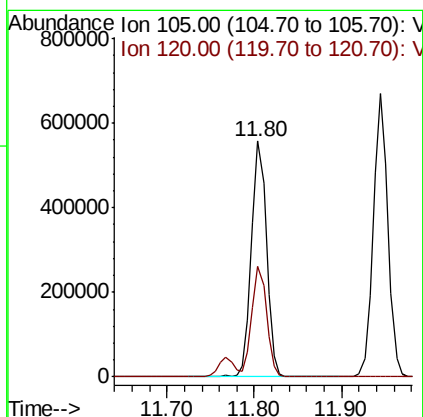
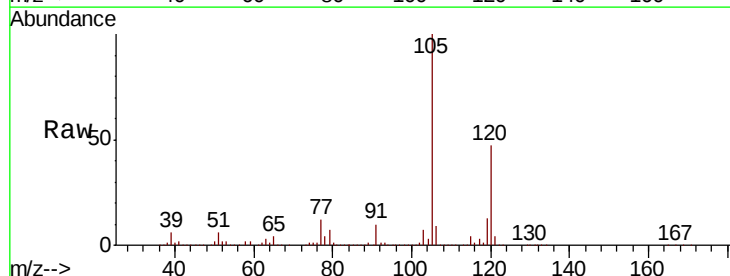
Instrument :
 MSVOA_X
 ClientSampleId :

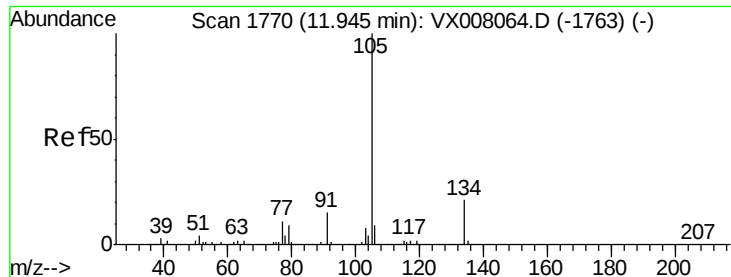
Tgt Ion:119 Resp: 647231
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.595 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion:105 Resp: 662137
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 57.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

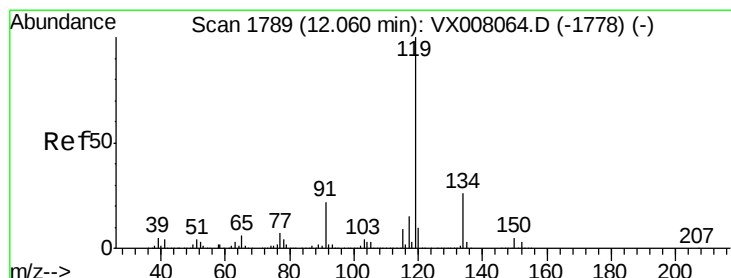
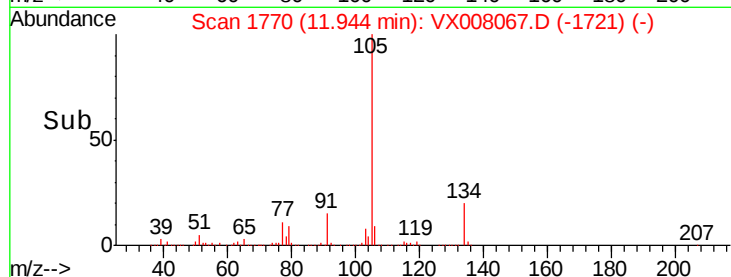
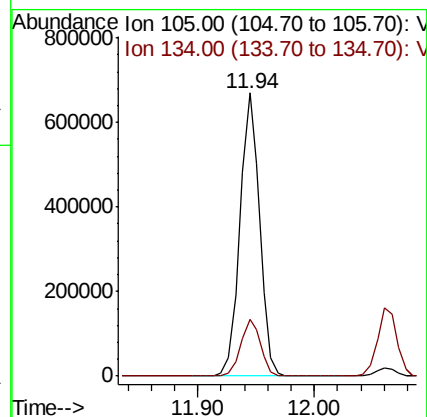
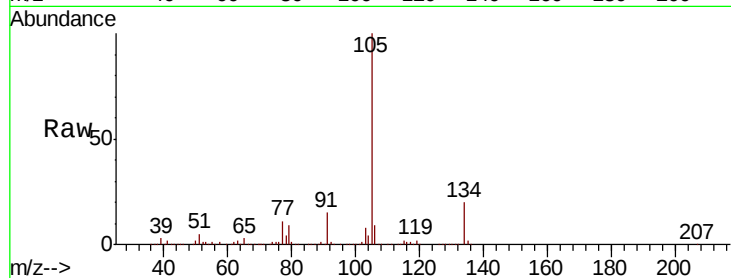
ClientSampleId :

Tgt Ion:105 Resp: 786909

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 57.566 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

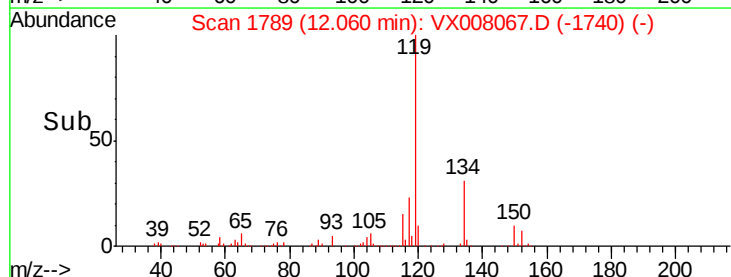
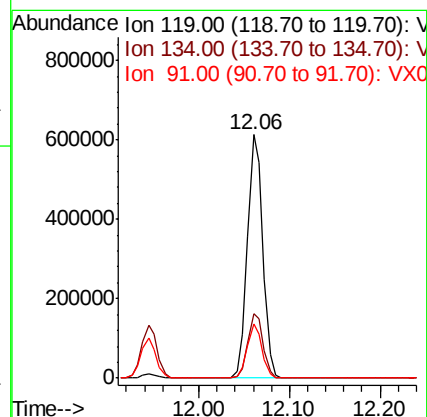
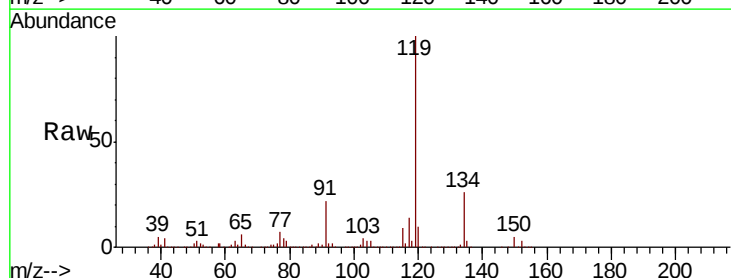
Tgt Ion:119 Resp: 717728

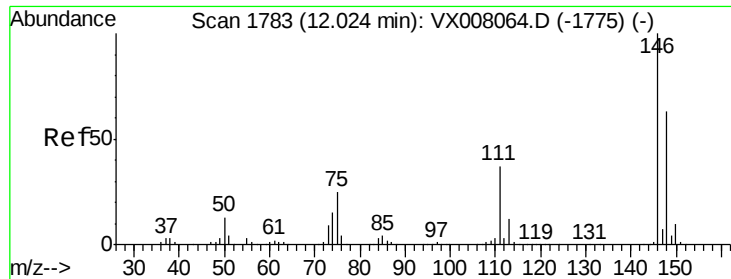
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 21.4 10.9 32.7

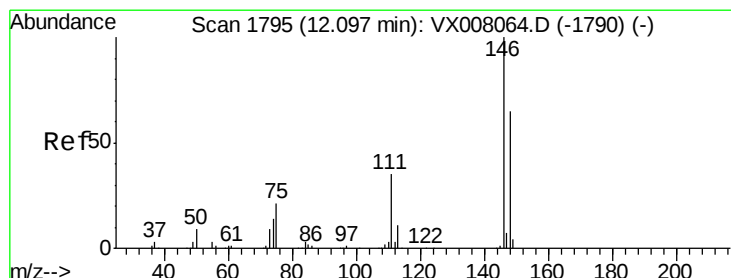
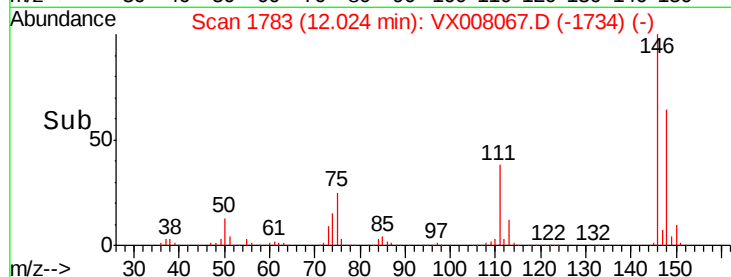
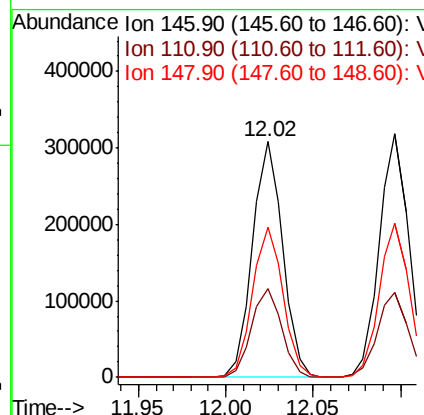
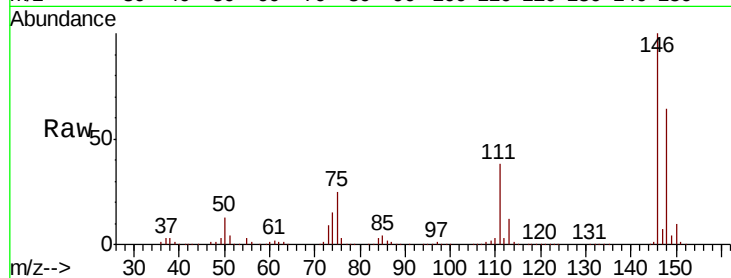




#87
 1,3-Dichlorobenzene
 Concen: 54.422 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

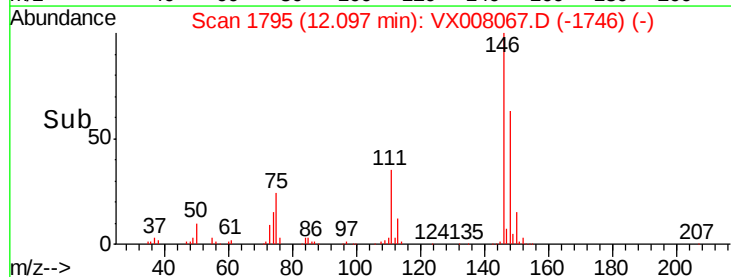
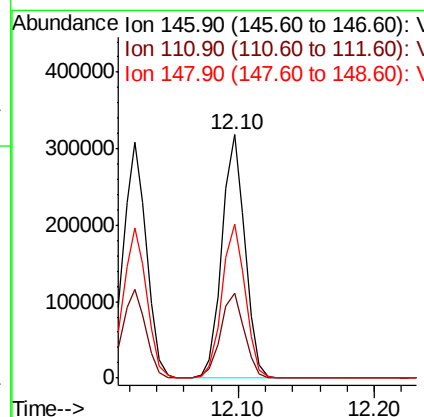
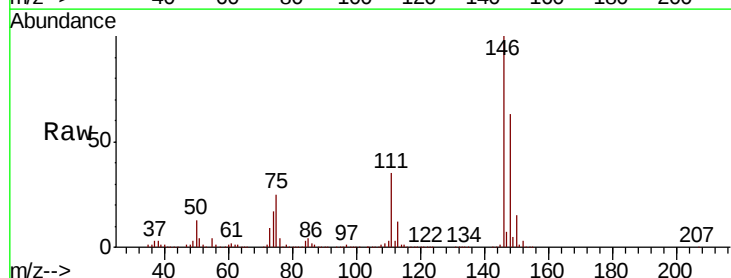
Instrument :
 MSVOA_X
 ClientSampleId :

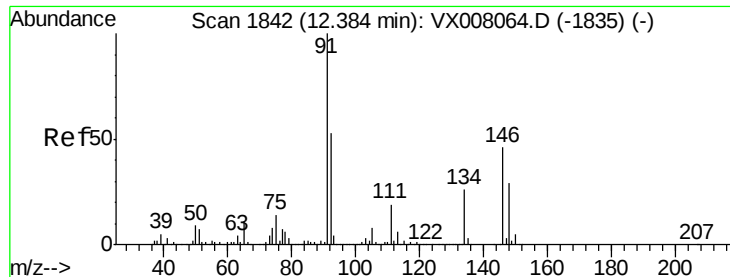
Tgt Ion:146 Resp: 370436
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 54.444 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion:146 Resp: 372349
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 58.838 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

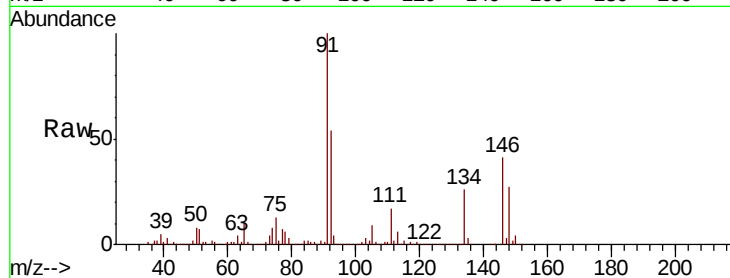
Tgt Ion: 91 Resp: 613828

Ion Ratio Lower Upper

91 100

92 53.5 27.0 80.8

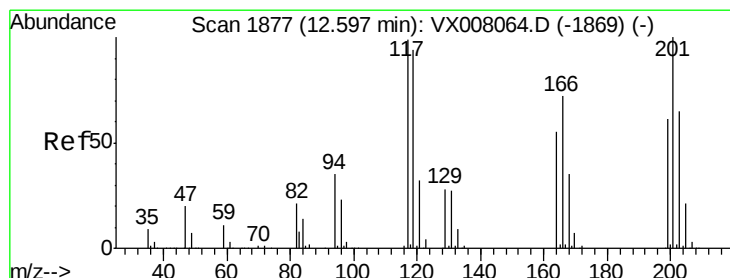
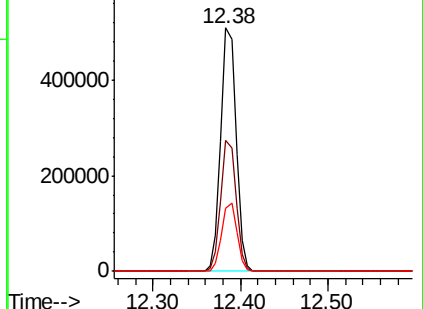
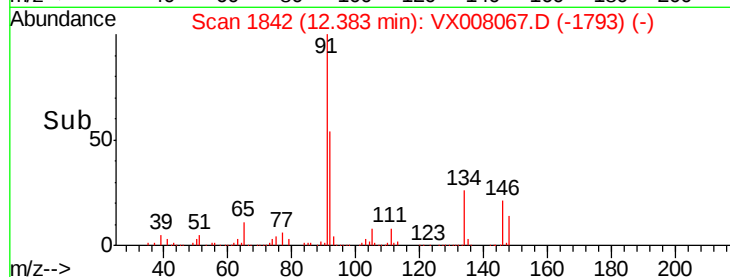
134 27.9 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX008067.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008067.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008067.D (-1793) (-)



#90

Hexachloroethane

Concen: 57.454 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008067.D

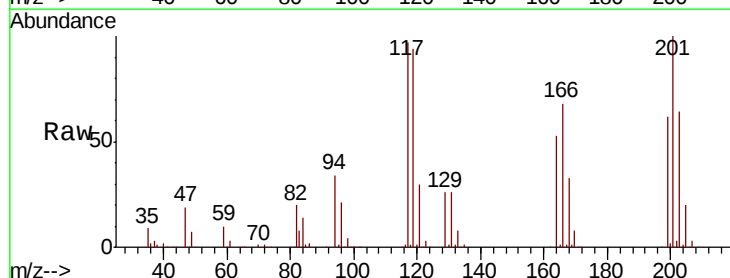
Acq: 14 Mar 2019 13:17

Tgt Ion: 117 Resp: 114643

Ion Ratio Lower Upper

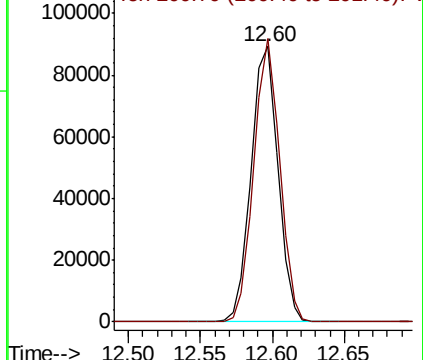
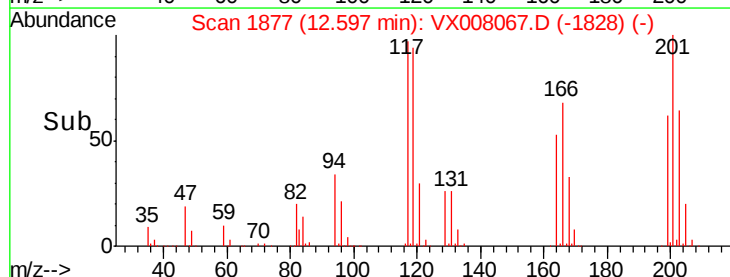
117 100

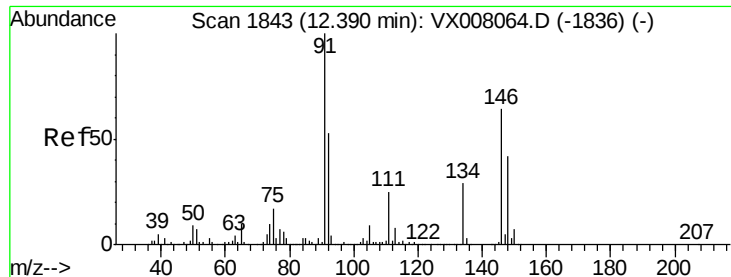
201 98.8 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): VX008067.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008067.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 53.812 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

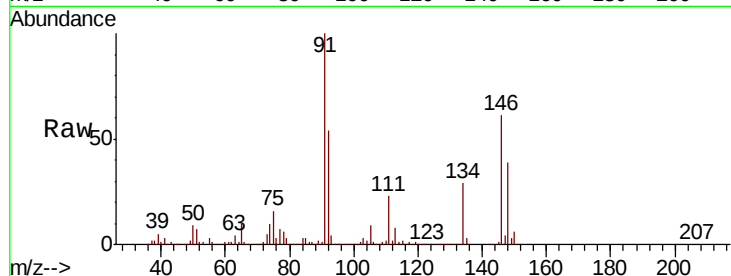
Tgt Ion:146 Resp: 363410

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.8

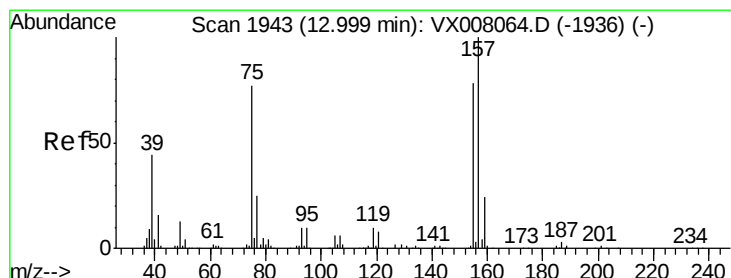
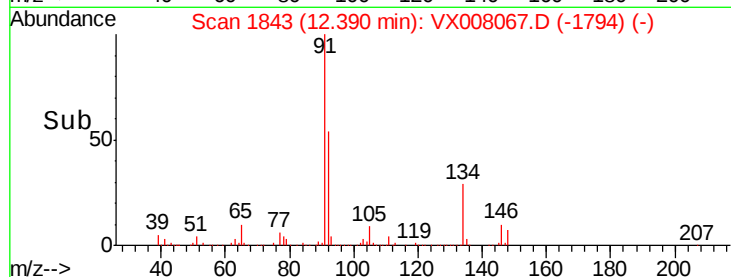
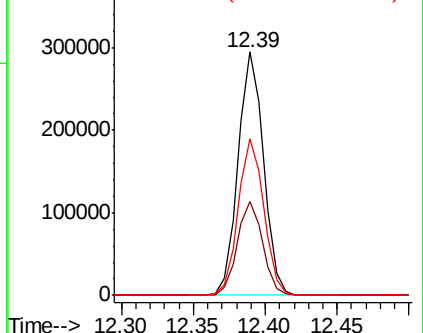
148 64.7 31.9 95.5



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: 55.053 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

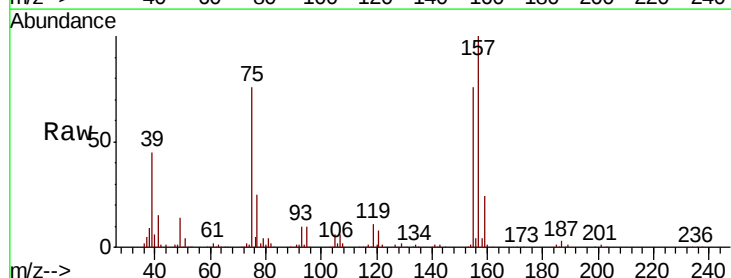
Tgt Ion: 75 Resp: 51102

Ion Ratio Lower Upper

75 100

155 103.9 49.7 149.1

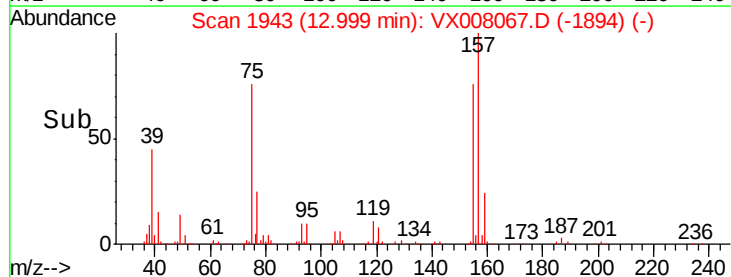
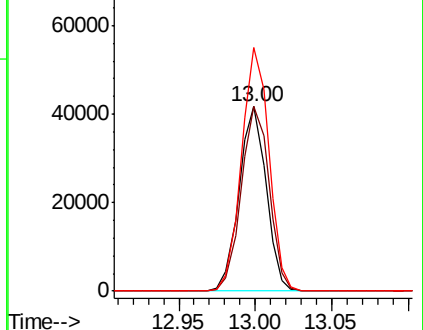
157 133.9 63.8 191.4

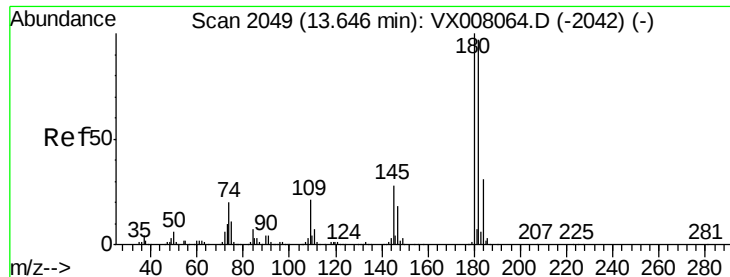


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

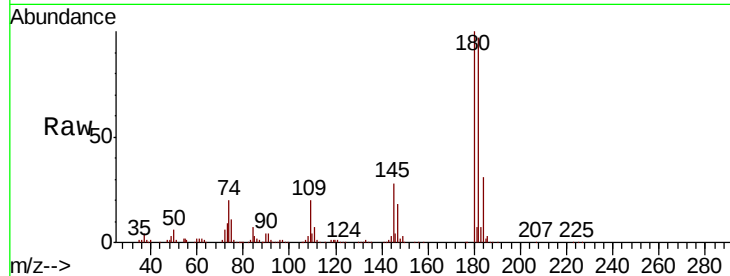




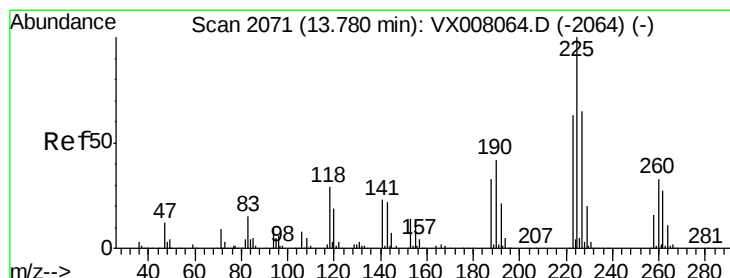
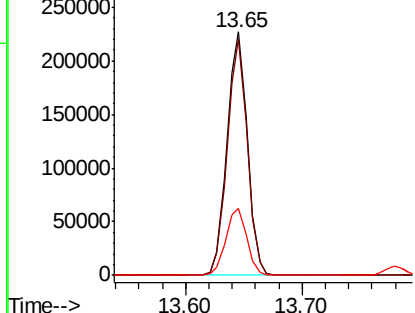
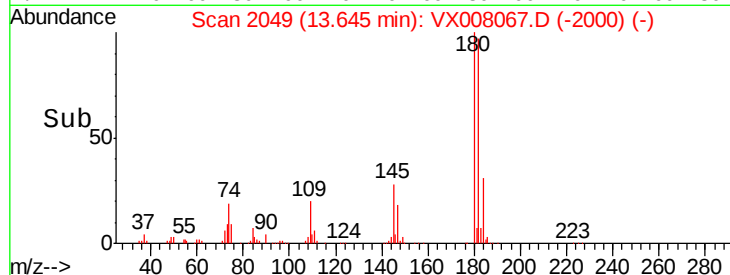
#93
 1,2,4-Trichlorobenzene
 Concen: 57.271 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 273971
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 28.4 14.1 42.4

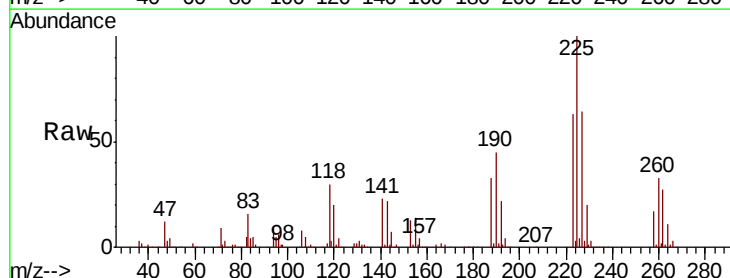


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

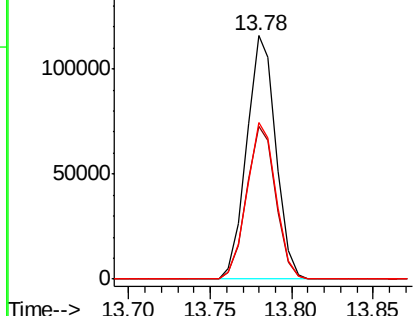
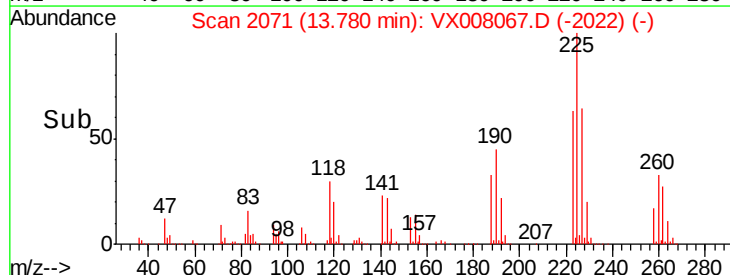


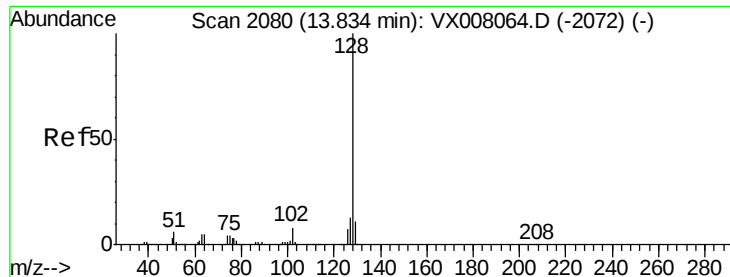
#94
 Hexachlorobutadiene
 Concen: 55.569 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion:225 Resp: 144427
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 64.1 32.0 96.0



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: 58.146 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

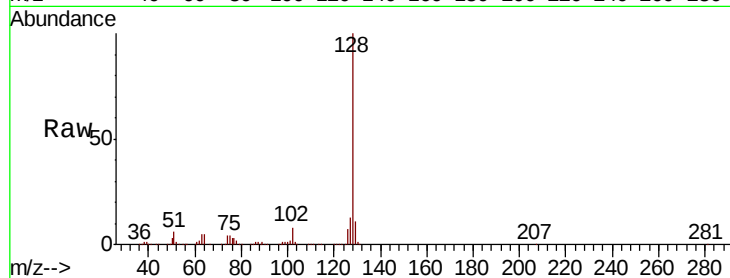
Tgt Ion:128 Resp: 782138

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

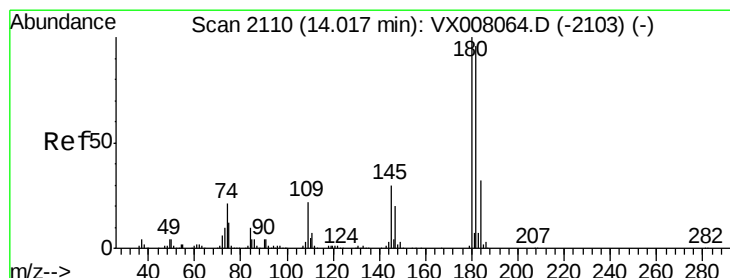
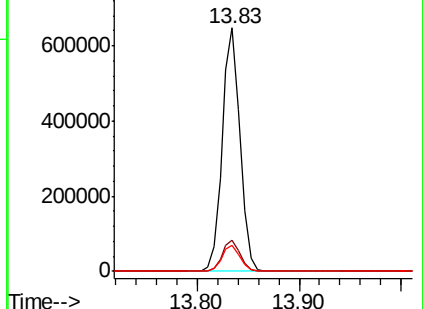
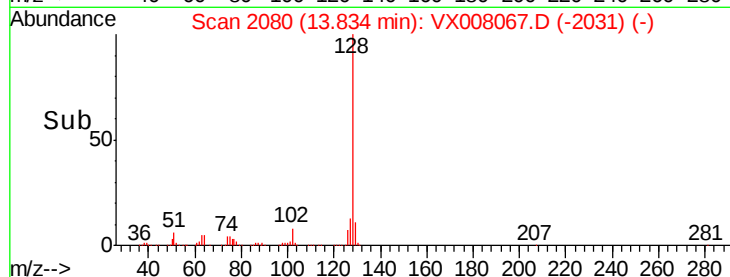
129 10.9 8.7 13.1



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: 57.335 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

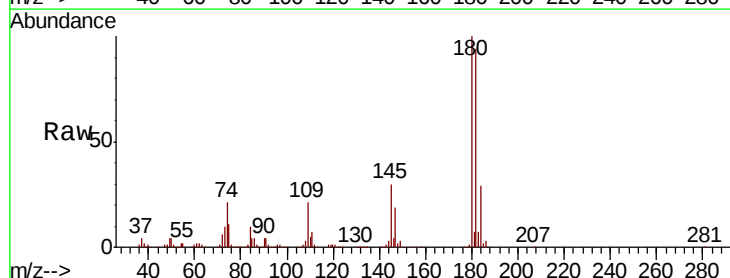
Tgt Ion:180 Resp: 270009

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

