

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009065.D
 Acq On : 19 Apr 2019 13:10
 Operator : JC/SP
 Sample : VX0419WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

Quant Time: Apr 20 00:37:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	160768	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
35) Dibromofluoromethane	5.50	113	117182	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	8.71	98	462429	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	158022	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	51300	20.868	ug/l	98
3) Chloromethane	1.32	50	57651	19.102	ug/l	96
4) Vinyl Chloride	1.41	62	58375	19.873	ug/l	97
5) Bromomethane	1.64	94	30083	18.944	ug/l	95
6) Chloroethane	1.72	64	39761	23.019	ug/l	98
7) Trichlorofluoromethane	1.93	101	69365	20.225	ug/l	99
8) Diethyl Ether	2.19	74	32039	20.427	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44187	20.151	ug/l	99
10) Methyl Iodide	2.51	142	32293	16.695	ug/l	99
11) Tert butyl alcohol	3.06	59	75787	113.512	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44436	19.415	ug/l	97
13) Acrolein	2.29	56	42378	73.460	ug/l	100
14) Allyl chloride	2.73	41	106315	21.291	ug/l	99
15) Acrylonitrile	3.15	53	188142	111.009	ug/l	100
16) Acetone	2.45	43	169420	108.617	ug/l	99
17) Carbon Disulfide	2.57	76	122928	19.072	ug/l	100
18) Methyl Acetate	2.78	43	88780	22.806	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	172558	21.159	ug/l	98
20) Methylene Chloride	2.85	84	53546	20.074	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	47213	19.340	ug/l	94
22) Diisopropyl ether	3.86	45	212802	21.931	ug/l	91
23) Vinyl Acetate	3.82	43	938843	110.071	ug/l	99
24) 1,1-Dichloroethane	3.70	63	102680	21.081	ug/l	99
25) 2-Butanone	4.68	43	282764	113.413	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69664	19.080	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56174	20.267	ug/l	98
28) Bromochloromethane	5.02	49	51778	24.613	ug/l	98
29) Tetrahydrofuran	5.13	42	186921	112.012	ug/l	99
30) Chloroform	5.21	83	92367	21.192	ug/l	97
31) Cyclohexane	5.58	56	98401	20.540	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	75146	20.802	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69253	18.884	ug/l	99
37) Ethyl Acetate	4.84	43	106138	22.492	ug/l	99
38) Carbon Tetrachloride	5.79	117	61532	19.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	86251	19.317	ug/l	98
40) Benzene	6.15	78	219849	20.321	ug/l	100
41) Methacrylonitrile	5.04	41	59641	22.022	ug/l	99
42) 1,2-Dichloroethane	6.19	62	79272	20.685	ug/l	98
43) Isopropyl Acetate	6.45	43	162842	21.414	ug/l	99
44) Trichloroethene	7.21	130	50793	19.162	ug/l	100
45) 1,2-Dichloropropane	7.51	63	62205	20.726	ug/l	97
46) Dibromomethane	7.66	93	35110	20.101	ug/l	98
47) Bromodichloromethane	7.90	83	68811	20.085	ug/l	98
48) Methyl methacrylate	7.77	41	79768	21.229	ug/l	99
49) 1,4-Dioxane	7.74	88	28800	409.511	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	537092	110.863	ug/l	99
52) Toluene	8.79	92	129960	20.044	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77536	19.665	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	87082	19.725	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52850	20.567	ug/l	98
56) Ethyl methacrylate	9.18	69	94908	20.598	ug/l	98
57) 1,3-Dichloropropane	9.37	76	94876	20.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	264347	106.538	ug/l	98
59) 2-Hexanone	9.49	43	410111	109.799	ug/l	98
60) Dibromochloromethane	9.58	129	49956	20.284	ug/l	100
61) 1,2-Dibromoethane	9.67	107	54519	20.556	ug/l	100
64) Tetrachloroethene	9.34	164	45537	19.463	ug/l	98
65) Chlorobenzene	10.14	112	128621	19.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47326	20.666	ug/l	99
67) Ethyl Benzene	10.25	91	238112	20.038	ug/l	99
68) m/p-Xylenes	10.36	106	169433	39.233	ug/l	98
69) o-Xylene	10.69	106	83427	19.854	ug/l	98
70) Styrene	10.71	104	144073	19.785	ug/l	100
71) Bromoform	10.85	173	36242	19.865	ug/l #	98
73) Isopropylbenzene	11.02	105	225545	21.148	ug/l	100
74) N-amyl acetate	10.90	43	135552	22.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85160	21.854	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	98110	28.556	ug/l	80
77) Bromobenzene	11.26	156	53643	19.935	ug/l	99
78) n-propylbenzene	11.36	91	254908	20.824	ug/l	99
79) 2-Chlorotoluene	11.42	91	152337	20.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186842	20.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26170	19.555	ug/l	92
82) 4-Chlorotoluene	11.51	91	172311	20.114	ug/l	100
83) tert-Butylbenzene	11.77	119	177482	20.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	190549	20.916	ug/l	99
85) sec-Butylbenzene	11.94	105	210670	20.557	ug/l	100
86) p-Isopropyltoluene	12.06	119	192942	20.478	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	92830	19.711	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	92815	19.441	ug/l	99
89) n-Butylbenzene	12.38	91	175896	20.046	ug/l	99
90) Hexachloroethane	12.60	117	31965	20.567	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	92893	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18829	21.222	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

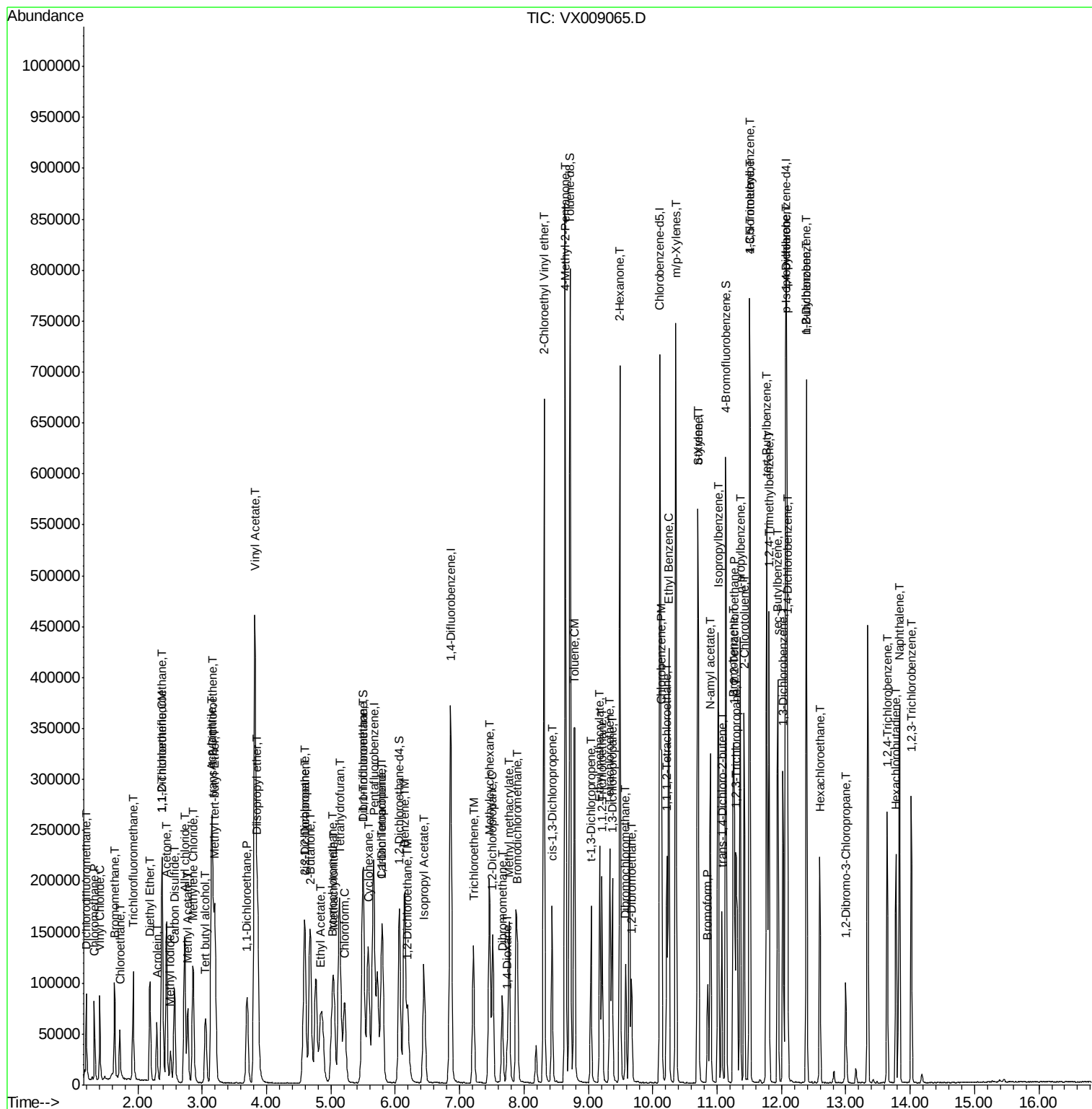
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63186	18.821	ug/l	99
94) Hexachlorobutadiene	13.78	225	32872	19.632	ug/l	99
95) Naphthalene	13.83	128	220360	20.488	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65158	19.671	ug/l	100

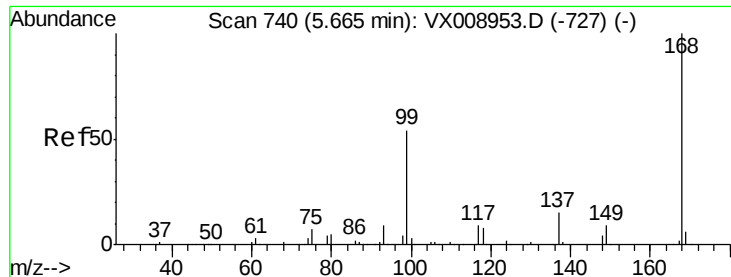
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

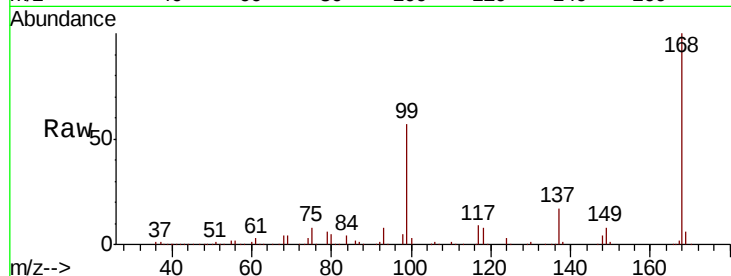
VX0419WBS01

Tot Ion:168 Resp: 213430

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

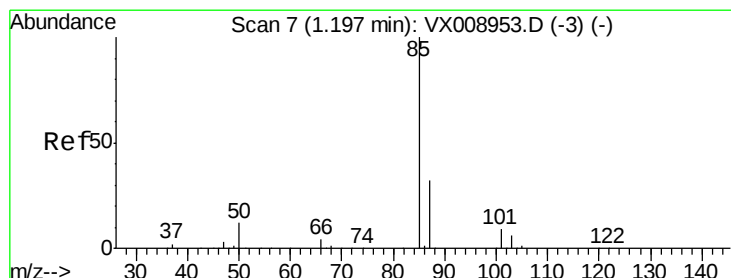
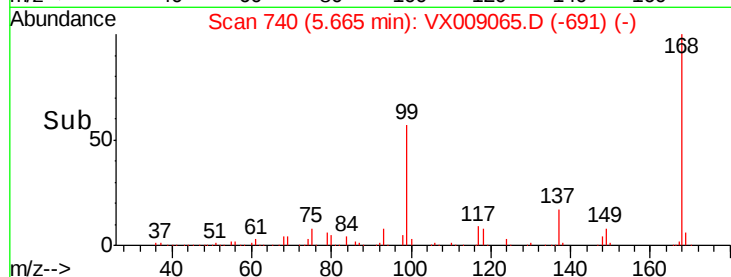
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.868 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009065.D

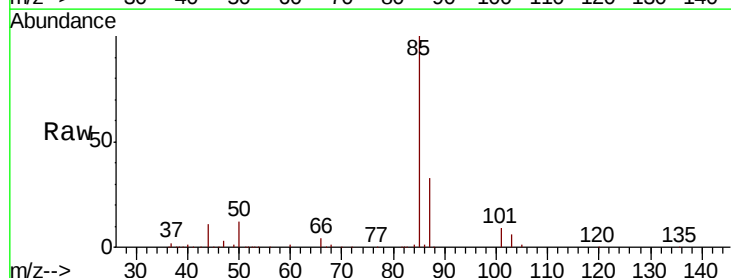
Acq: 19 Apr 2019 13:10

Tgt Ion: 85 Resp: 51300

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

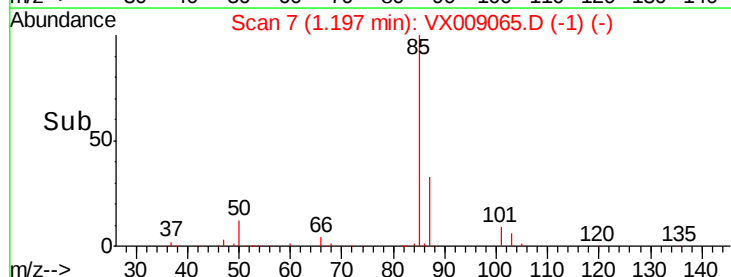
30000

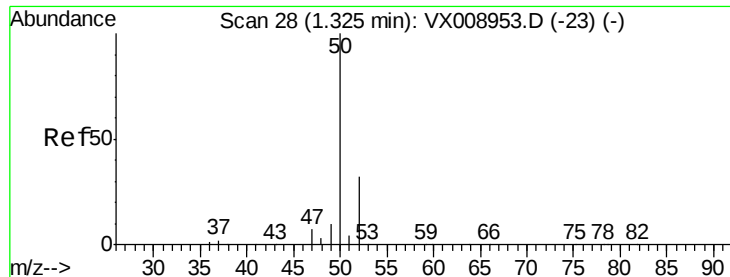
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.102 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

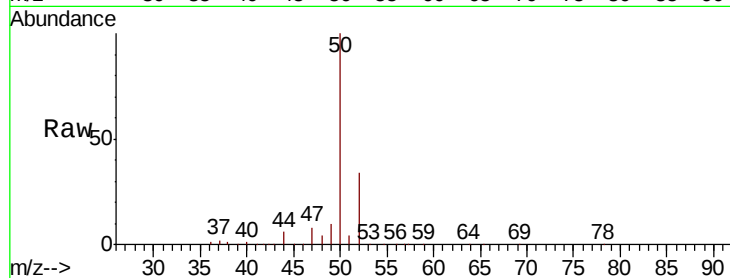
VX0419WBS01

Tot Ion: 50 Resp: 57651

Ion Ratio Lower Upper

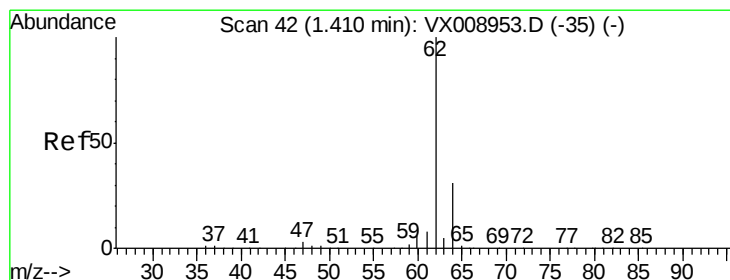
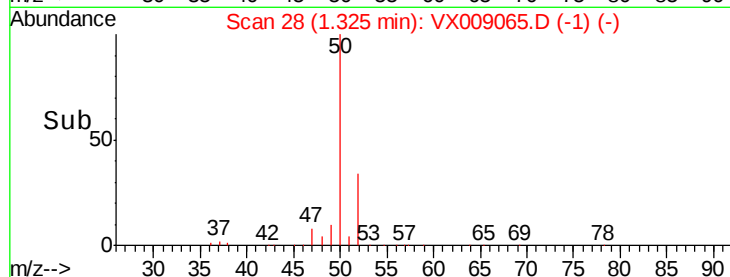
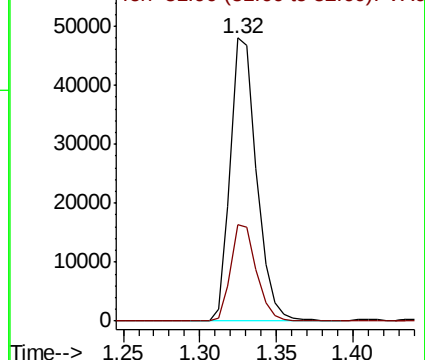
50 100

52 33.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.873 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009065.D

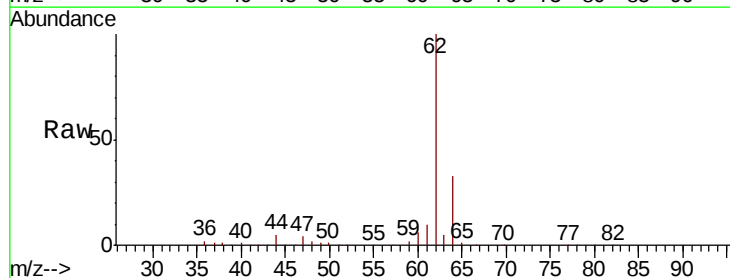
Acq: 19 Apr 2019 13:10

Tgt Ion: 62 Resp: 58375

Ion Ratio Lower Upper

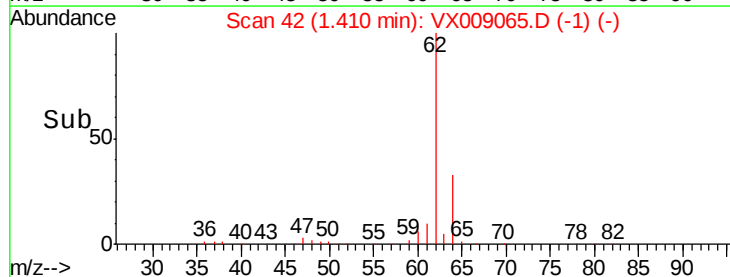
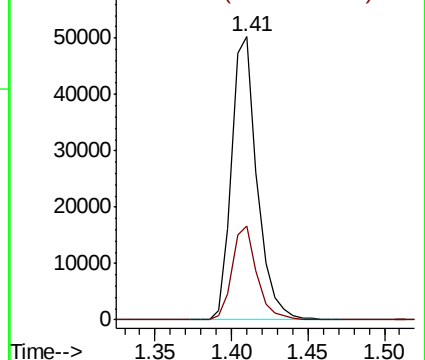
62 100

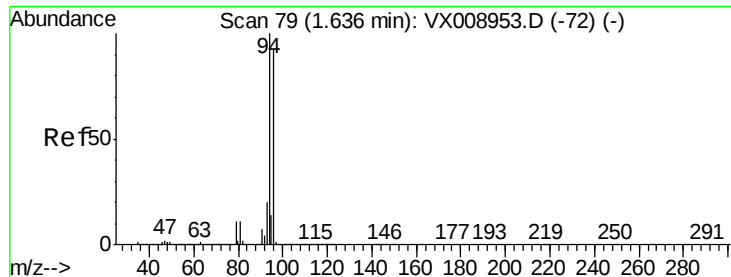
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.944 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

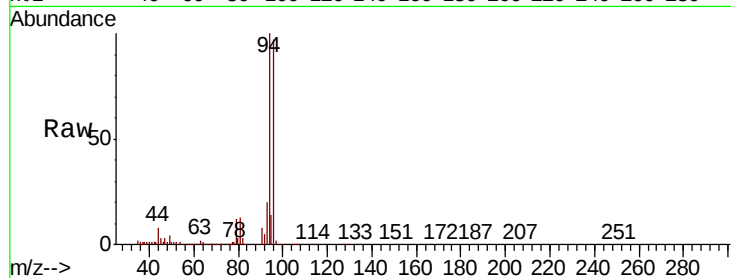
VX0419WBS01

Tot Ion: 94 Resp: 30083

Ion Ratio Lower Upper

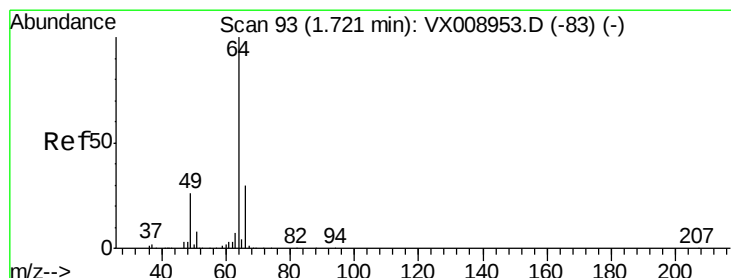
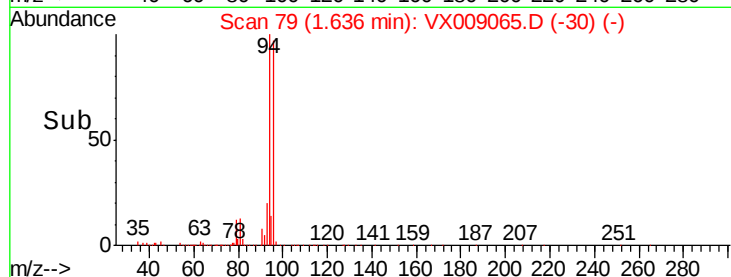
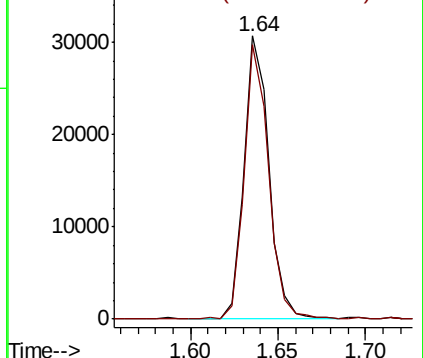
94 100

96 97.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.019 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009065.D

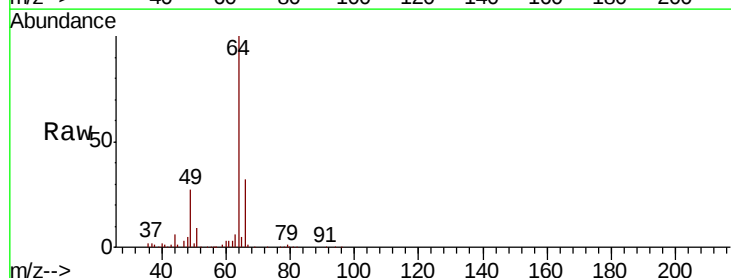
Acq: 19 Apr 2019 13:10

Tgt Ion: 64 Resp: 39761

Ion Ratio Lower Upper

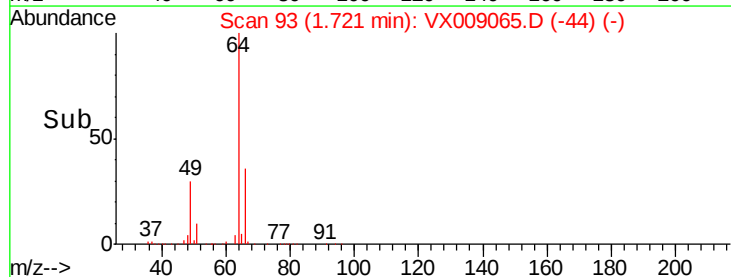
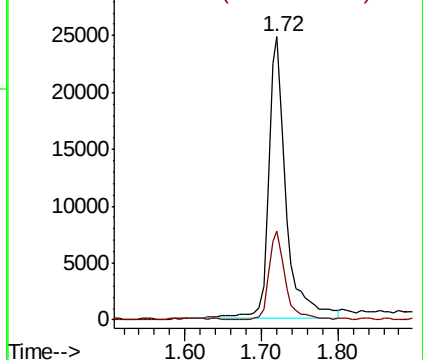
64 100

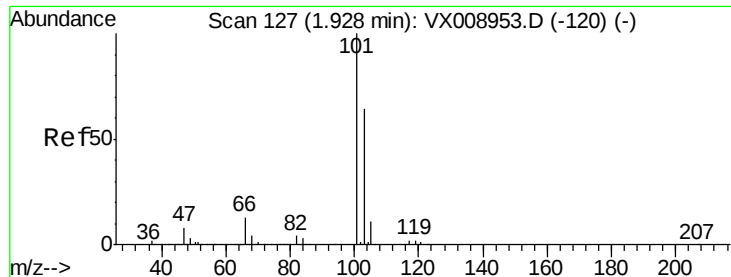
66 31.3 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



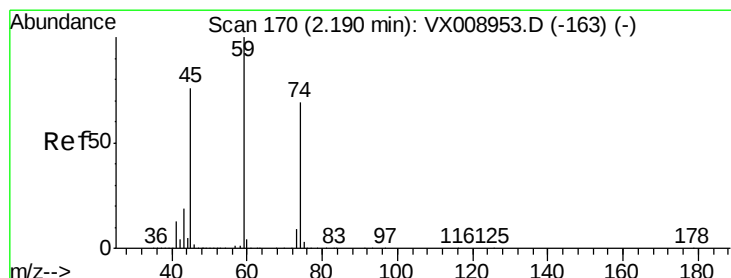
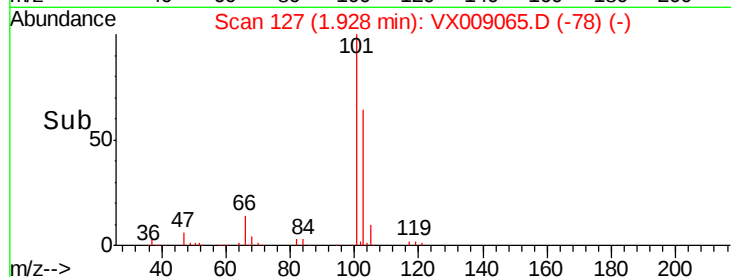
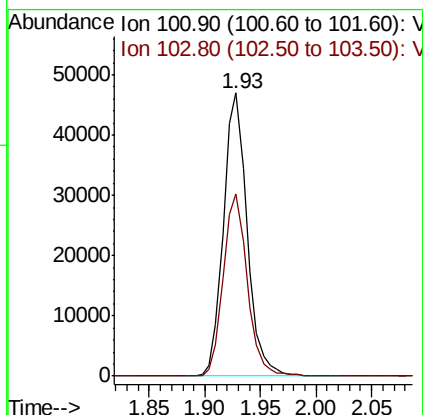
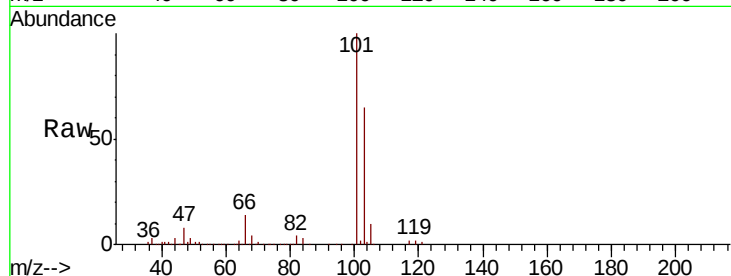


#7

Trichlorofluoromethane
 Concen: 20.225 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0419WBS01

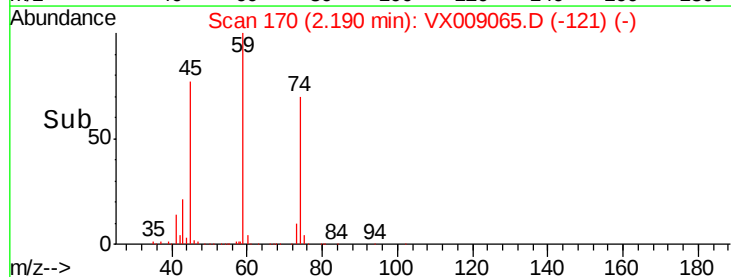
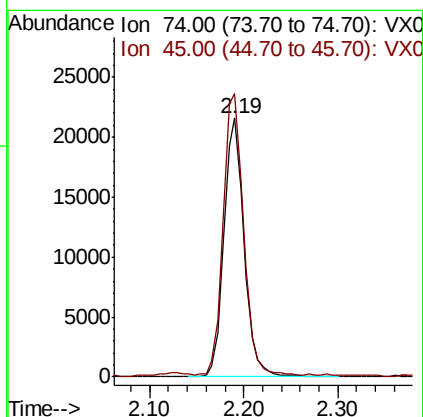
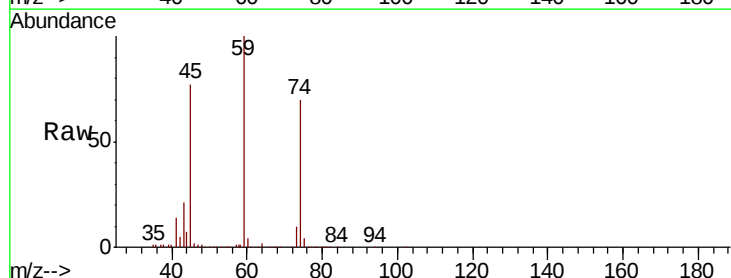
Tot Ion:101 Resp: 69365
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6

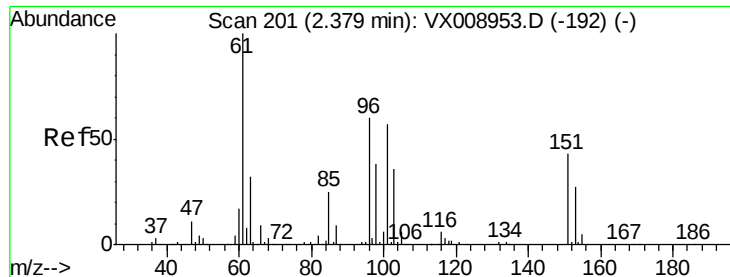


#8

Diethyl Ether
 Concen: 20.427 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion: 74 Resp: 32039
 Ion Ratio Lower Upper
 74 100
 45 109.5 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

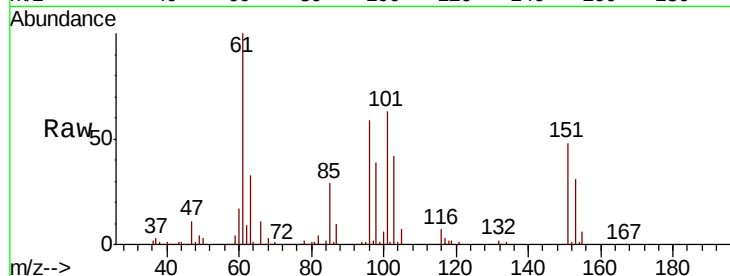
Tot Ion:101 Resp: 44187

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

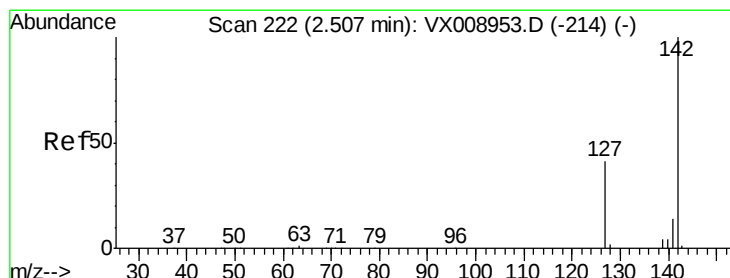
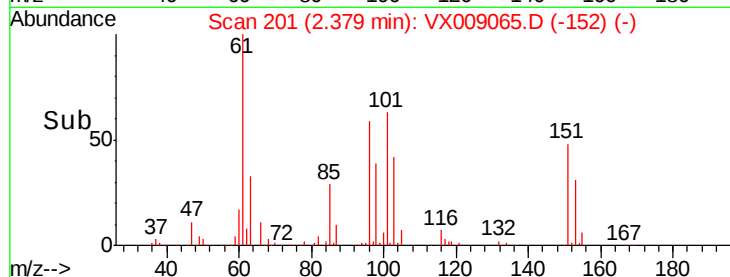
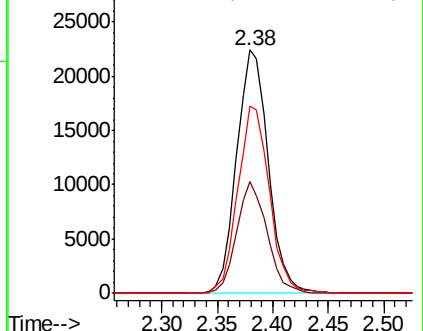
151 77.0 62.7 94.1



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: 16.695 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

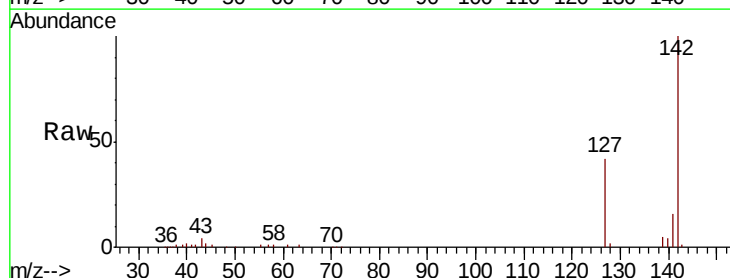
Tgt Ion:142 Resp: 32293

Ion Ratio Lower Upper

142 100

127 41.4 32.8 49.2

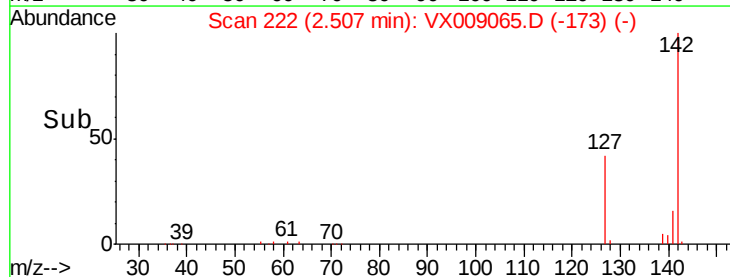
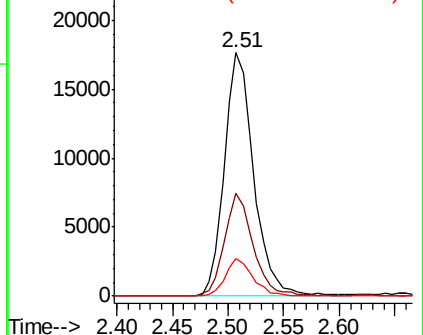
141 14.8 11.4 17.2

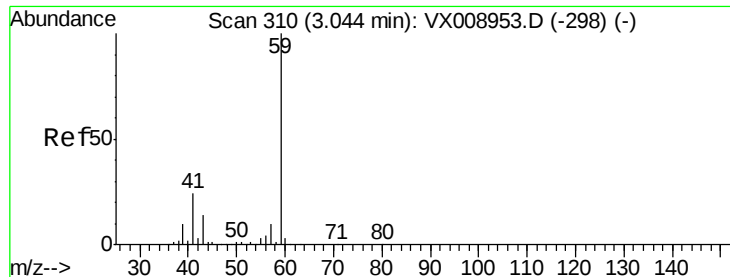


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



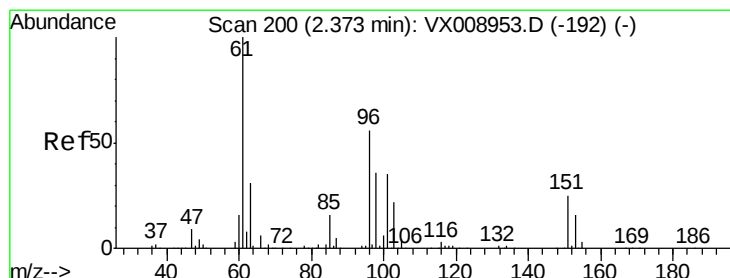
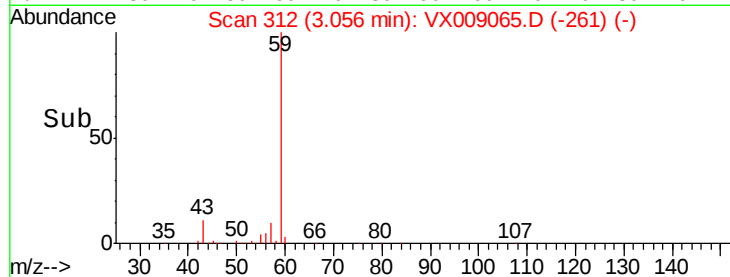
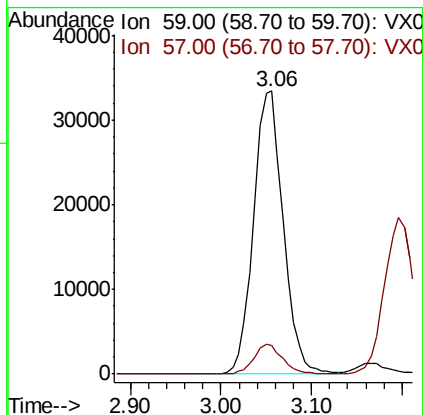
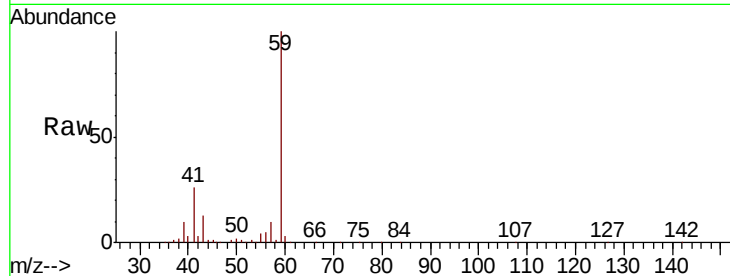


#11

Tert butyl alcohol
Concen: 113.512 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

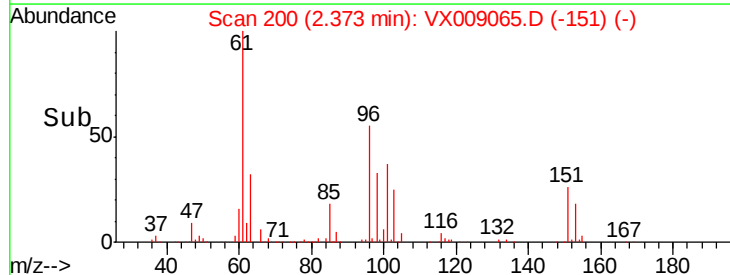
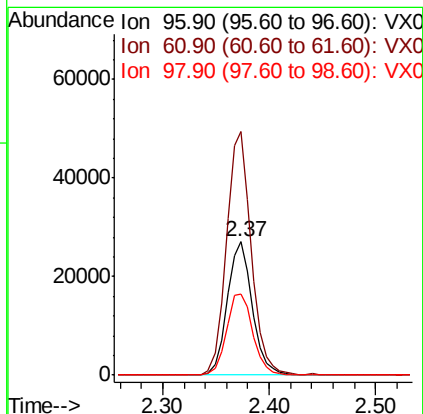
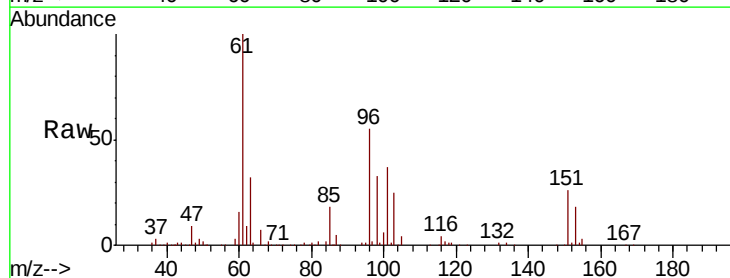
Tot Ion: 59 Resp: 75787
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

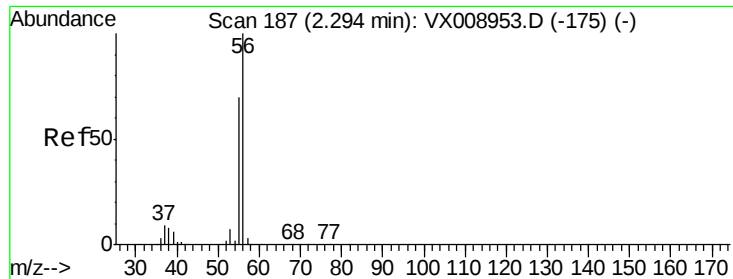


#12

1,1-Dichloroethene
Concen: 19.415 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 96 Resp: 44436
Ion Ratio Lower Upper
96 100
61 182.2 142.2 213.2
98 60.9 50.9 76.3





#13

Acrolein

Concen: 73.460 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

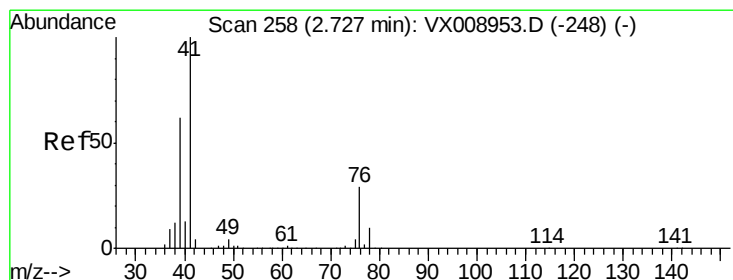
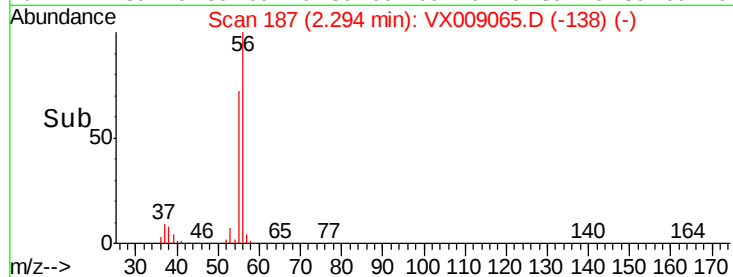
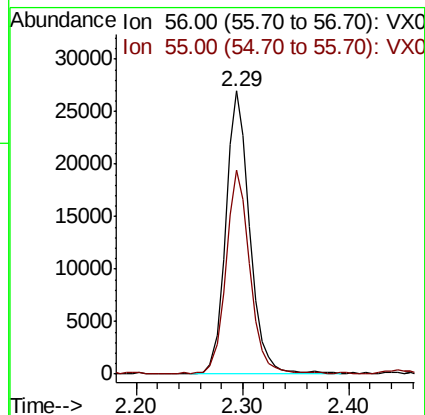
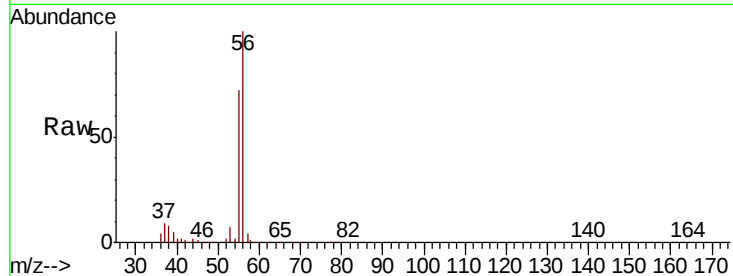
VX0419WBS01

Tot Ion: 56 Resp: 42378

Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8



#14

Allyl chloride

Concen: 21.291 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

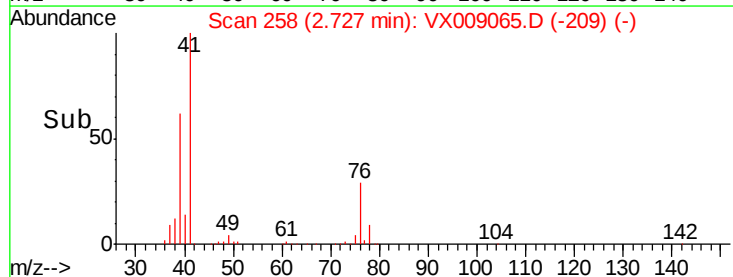
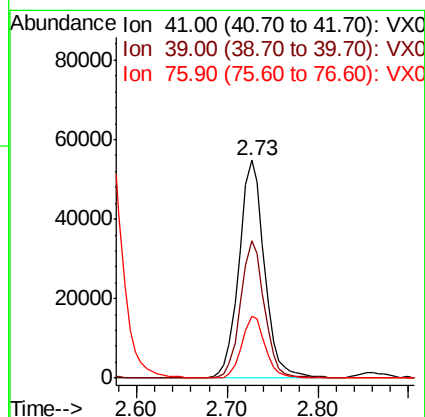
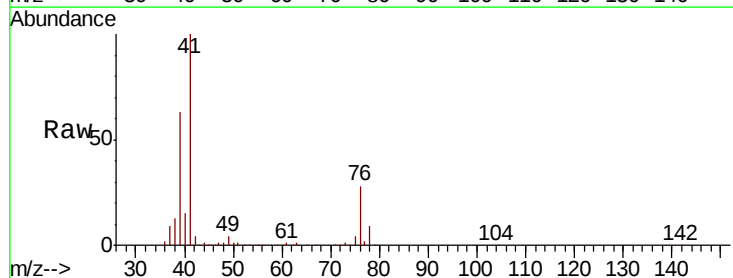
Tgt Ion: 41 Resp: 106315

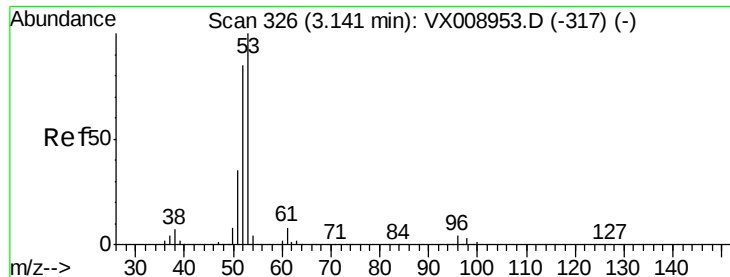
Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

76 26.4 22.0 33.0





#15

Acrylonitrile

Concen: 111.009 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

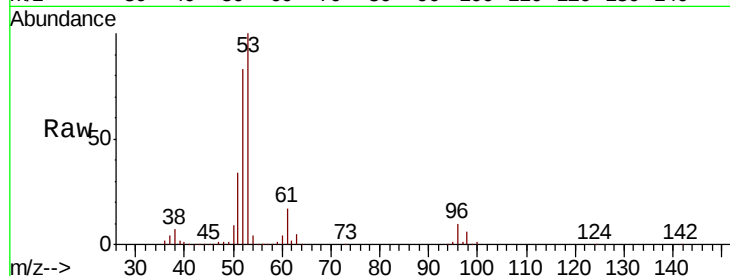
Tot Ion: 53 Resp: 188142

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

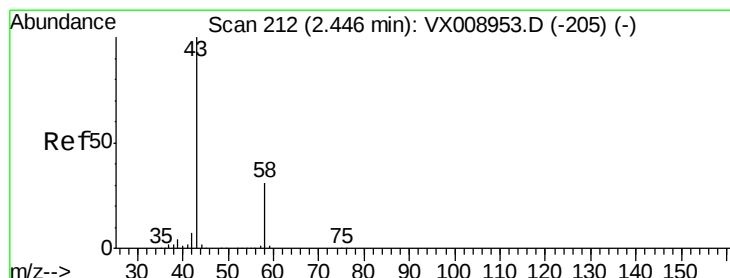
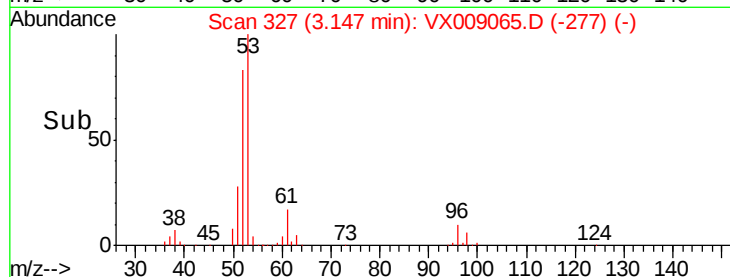
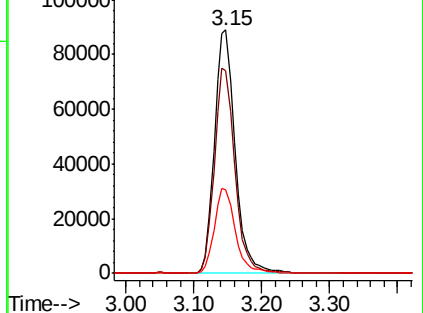
51 35.3 28.3 42.5



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: 108.617 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009065.D

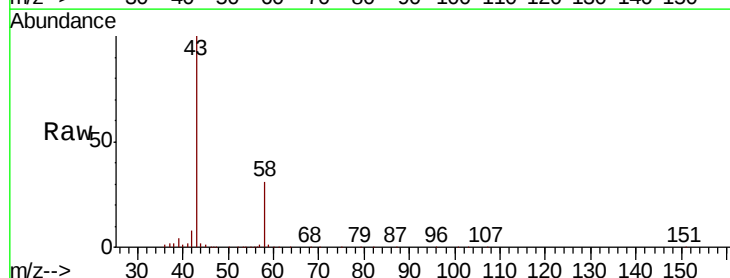
Acq: 19 Apr 2019 13:10

Tgt Ion: 43 Resp: 169420

Ion Ratio Lower Upper

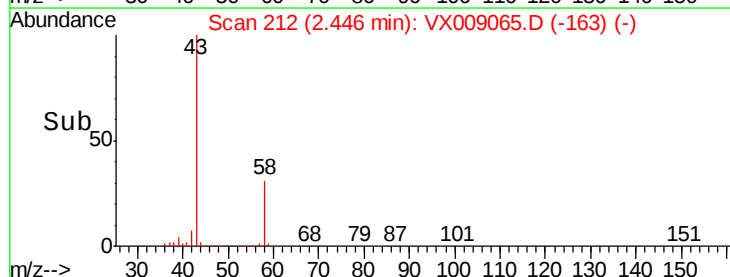
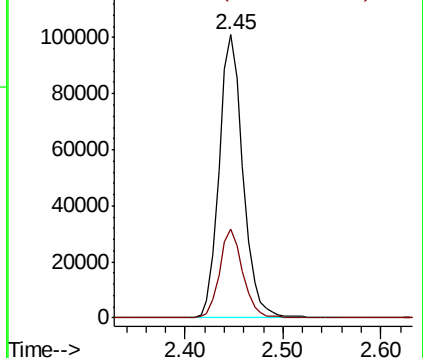
43 100

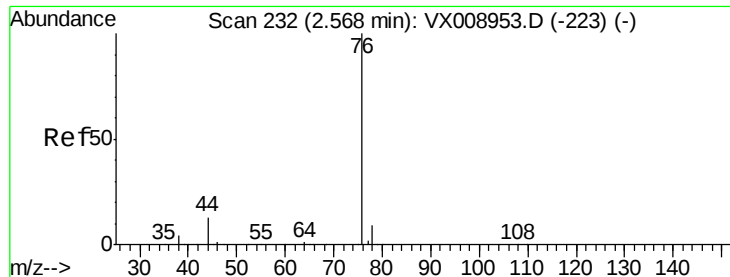
58 31.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

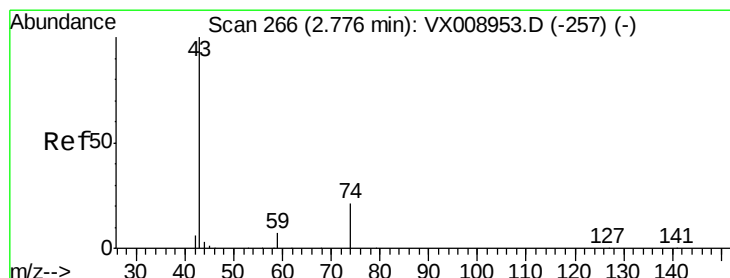
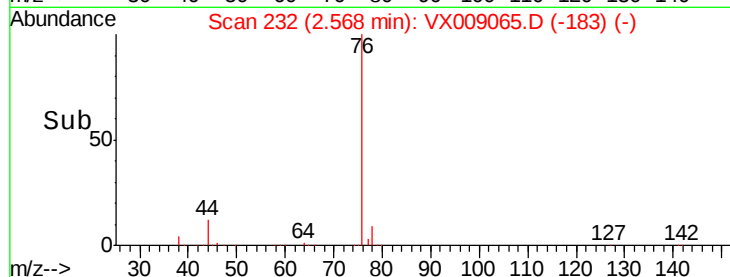
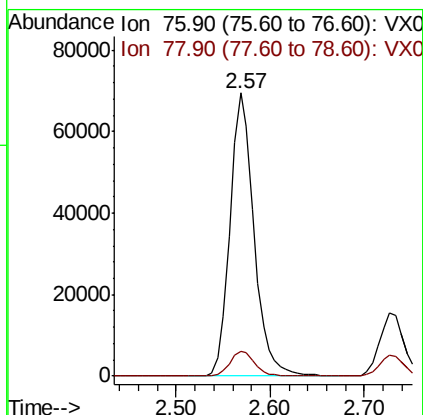
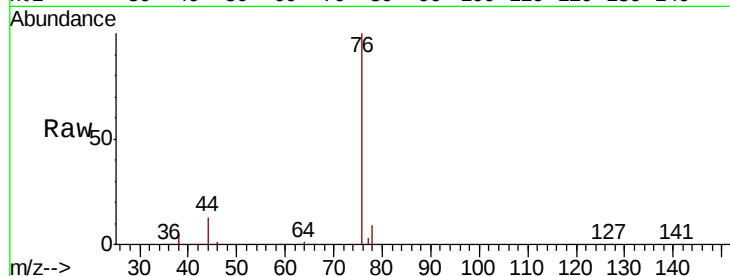




#17
Carbon Disulfide
Concen: 19.072 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

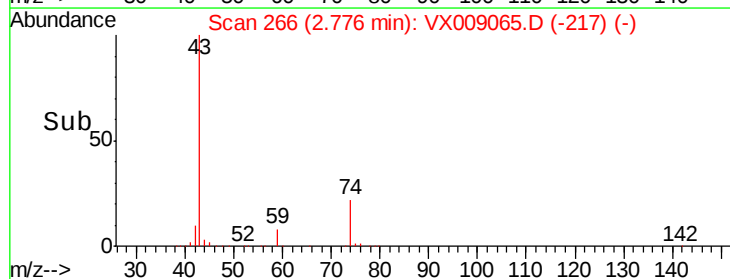
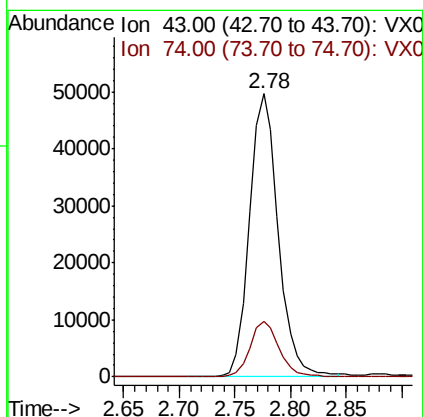
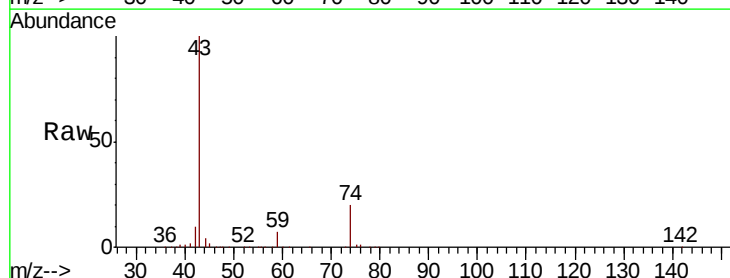
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

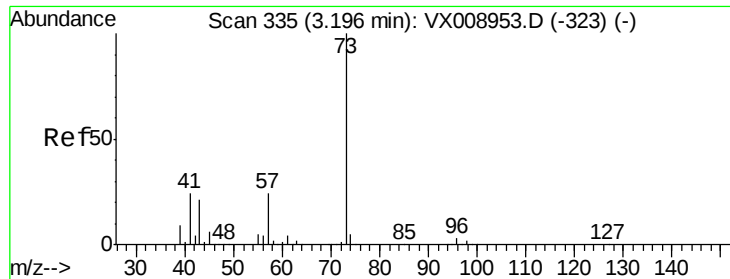
Tot Ion: 76 Resp: 122928
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 22.806 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 43 Resp: 88780
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0

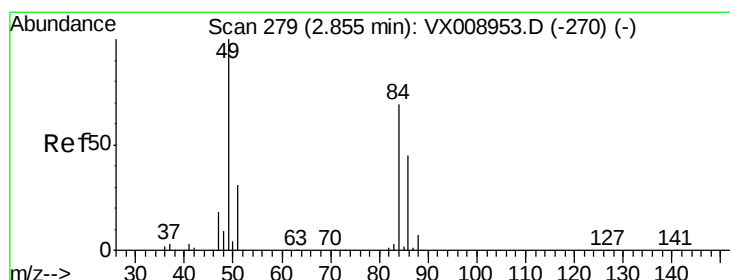
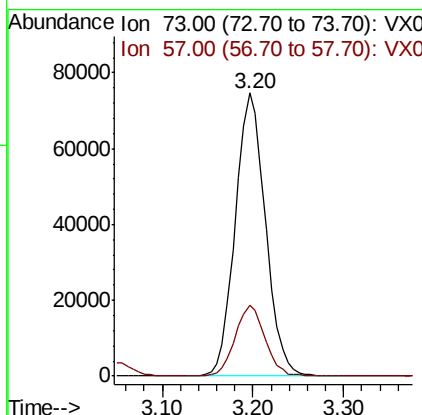
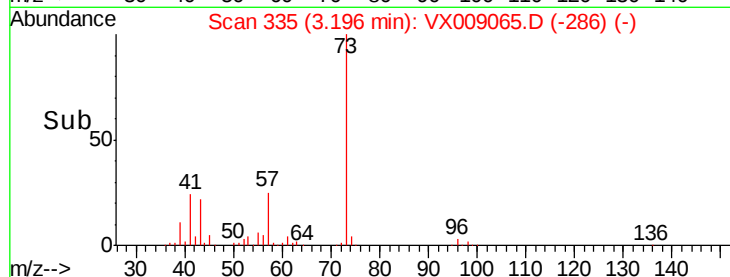
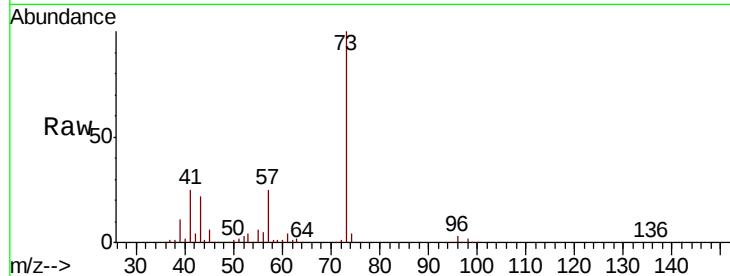




#19
Methvl tert-butvl Ether
Concen: 21.159 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

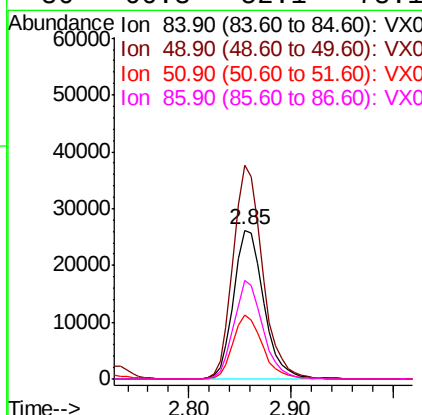
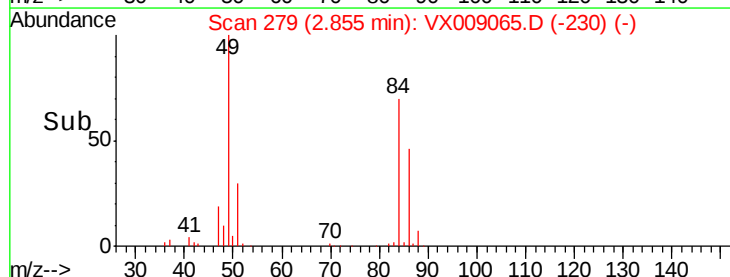
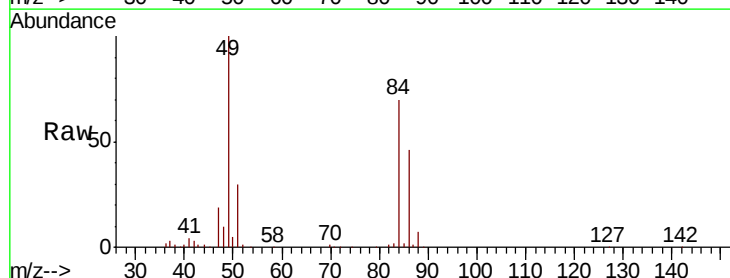
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

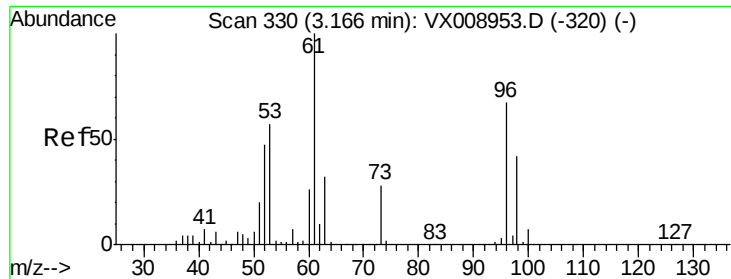
Tot Ion: 73 Resp: 172558
Ion Ratio Lower Upper
73 100
57 24.8 19.2 28.8



#20
Methylene Chloride
Concen: 20.074 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 84 Resp: 53546
Ion Ratio Lower Upper
84 100
49 143.6 115.4 173.0
51 42.5 35.8 53.6
86 66.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.340 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

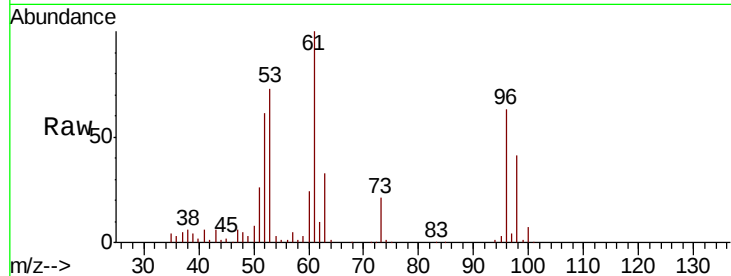
Tot Ion: 96 Resp: 47213

Ion Ratio Lower Upper

96 100

61 159.7 120.3 180.5

98 65.0 50.2 75.2

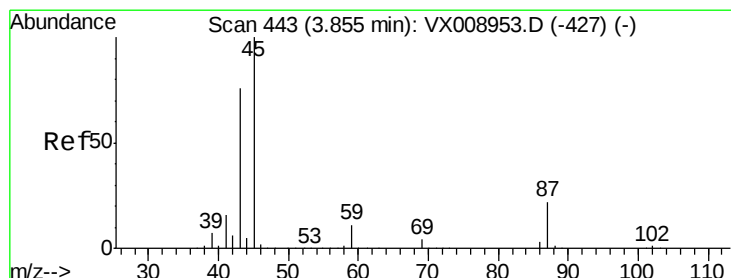
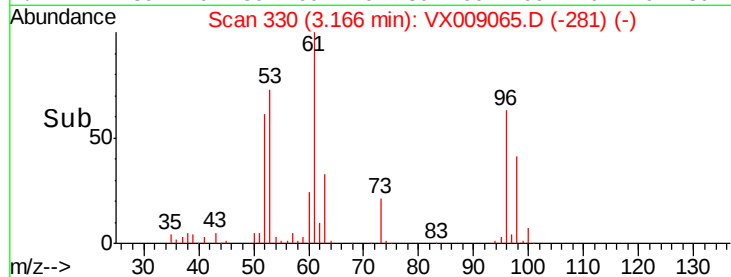
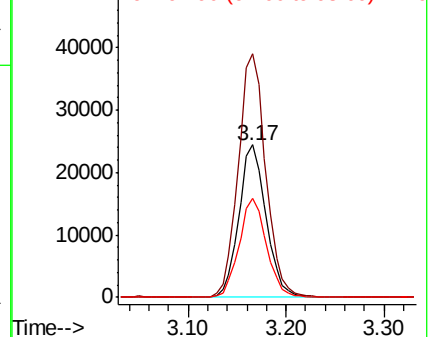


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.931 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Tgt Ion: 45 Resp: 212802

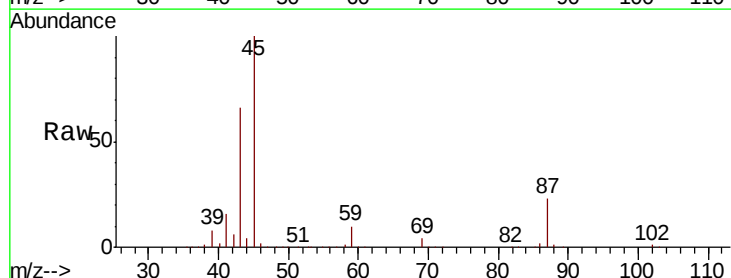
Ion Ratio Lower Upper

45 100

43 65.5 60.6 91.0

87 22.8 17.8 26.8

59 9.8 8.7 13.1



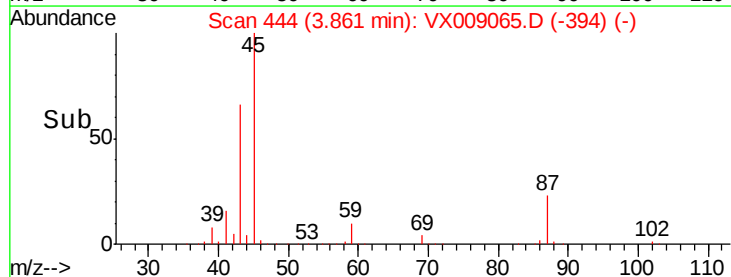
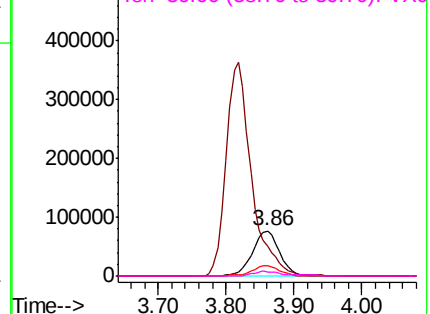
Abundance

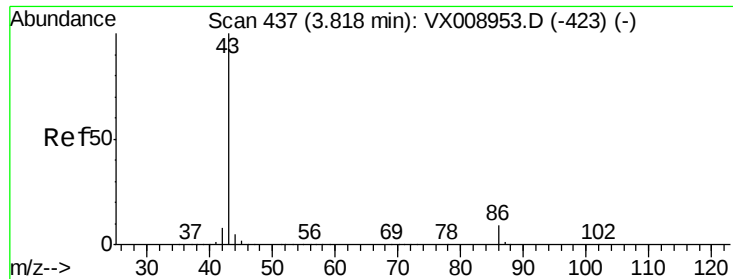
Ion 45.00 (44.70 to 45.70): VX0

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: 110.071 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

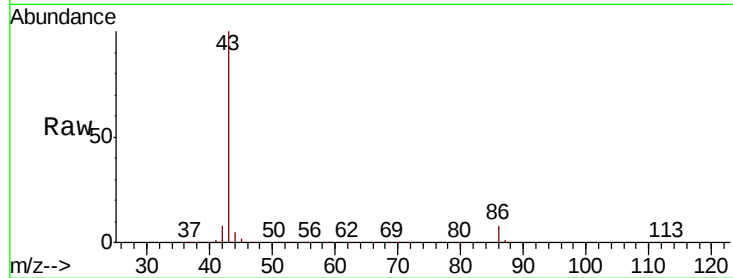
VX0419WBS01

Tot Ion: 43 Resp: 938843

Ion Ratio Lower Upper

43 100

86 8.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

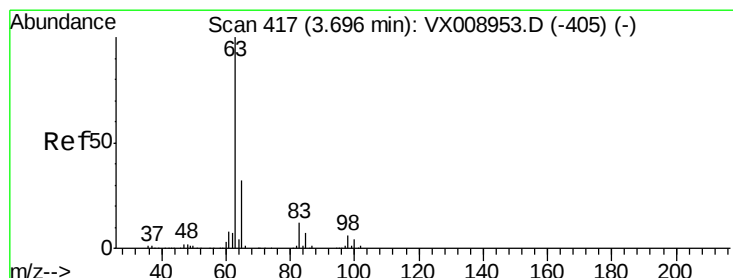
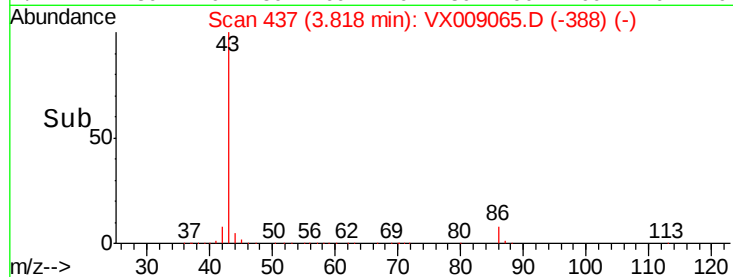
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.081 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

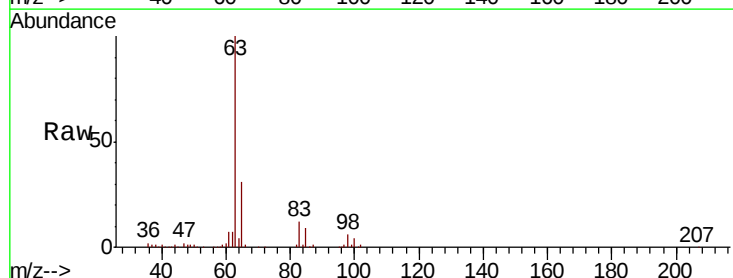
Tgt Ion: 63 Resp: 102680

Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 4.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

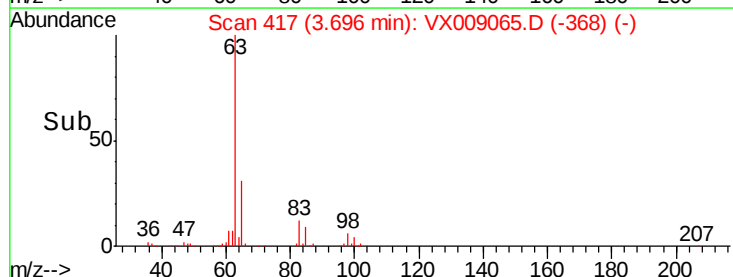
30000

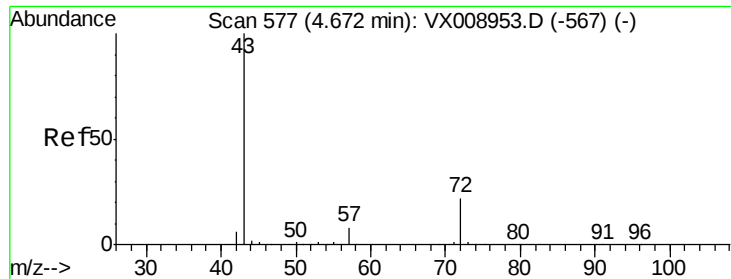
20000

10000

0

Time-->





#25

2-Butanone

Concen: 113.413 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

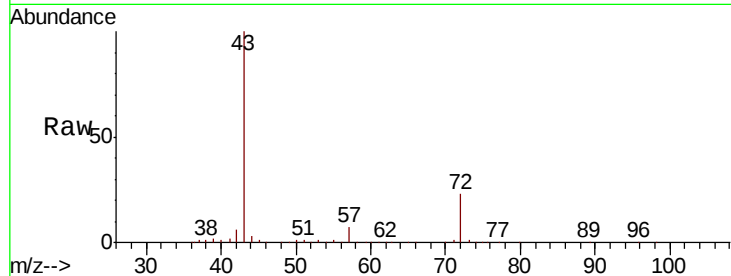
VX0419WBS01

Tot Ion: 43 Resp: 282764

Ion Ratio Lower Upper

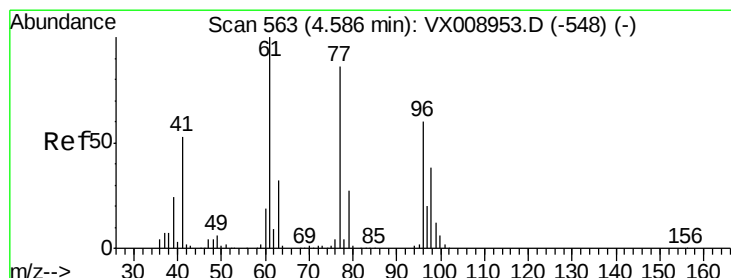
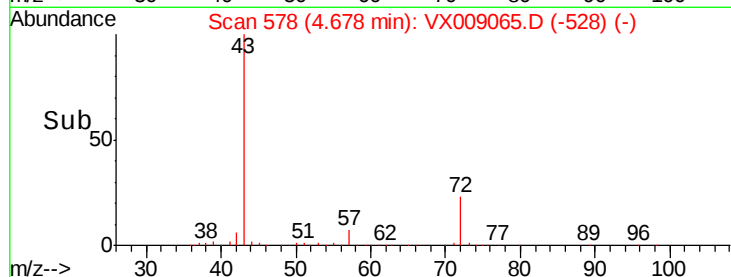
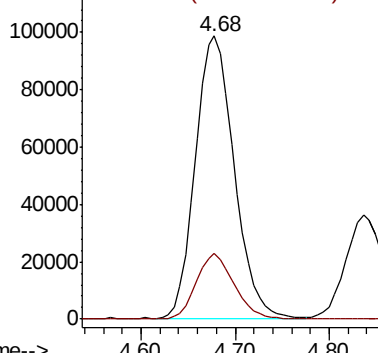
43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.080 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009065.D

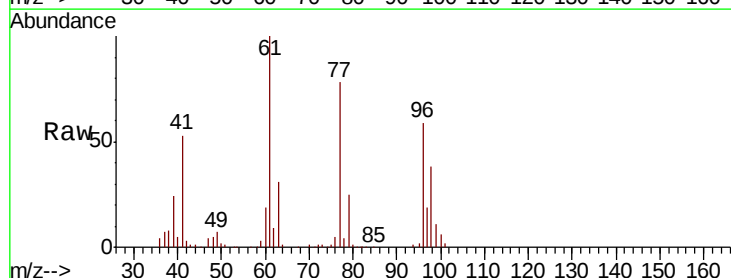
Acq: 19 Apr 2019 13:10

Tgt Ion: 77 Resp: 69664

Ion Ratio Lower Upper

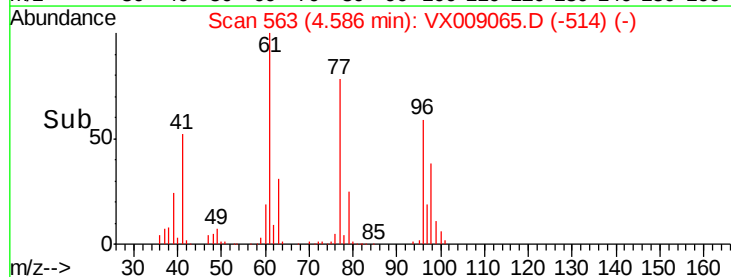
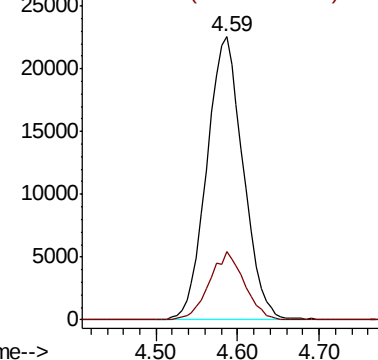
77 100

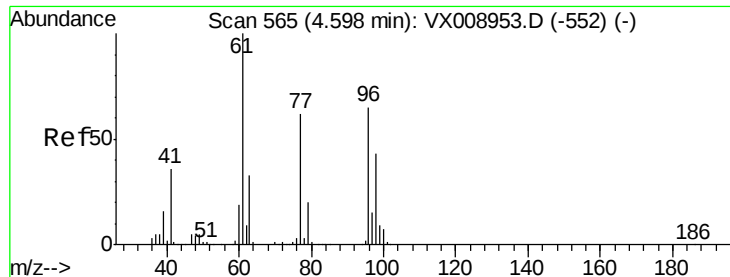
97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



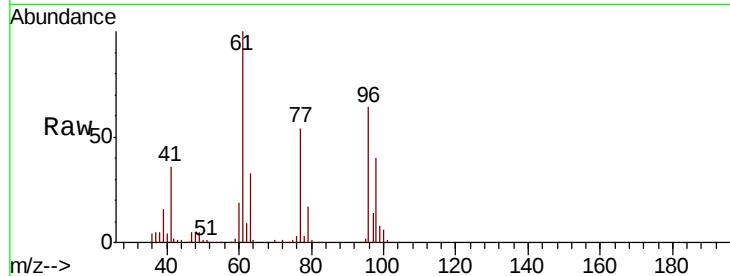


#27

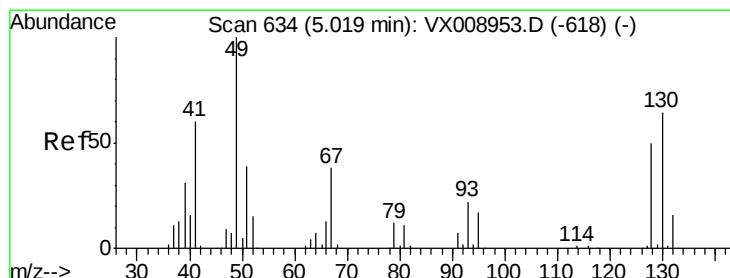
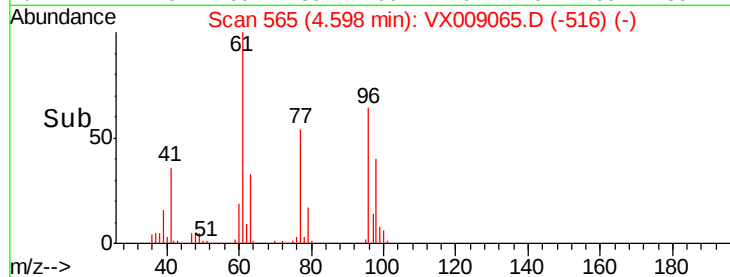
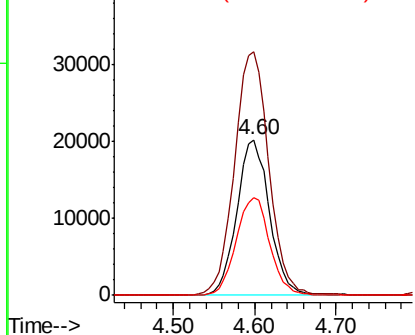
cis-1,2-Dichloroethene
Concen: 20.267 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

Tot Ion: 96 Resp: 56174
Ion Ratio Lower Upper
96 100
61 165.0 0.0 322.0
98 64.8 0.0 128.4



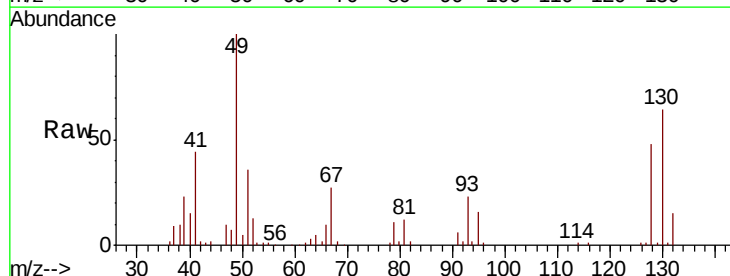
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



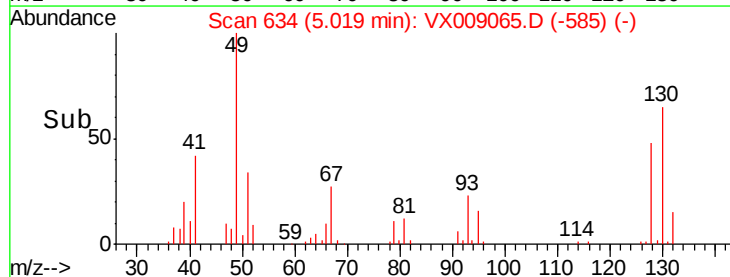
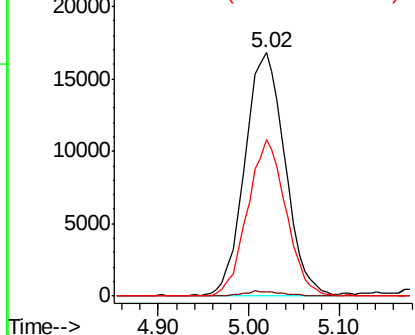
#28

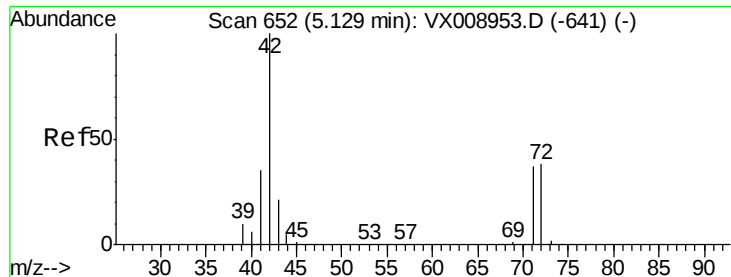
Bromochloromethane
Concen: 24.613 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 49 Resp: 51778
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 61.3 50.4 75.6



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

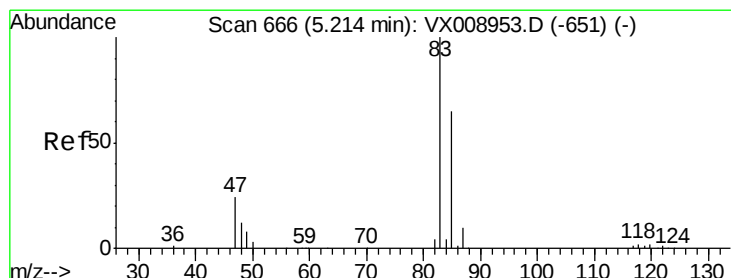
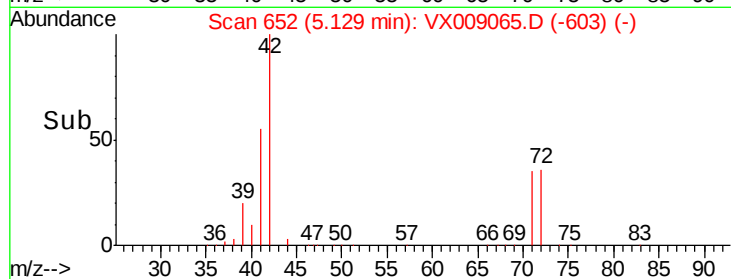
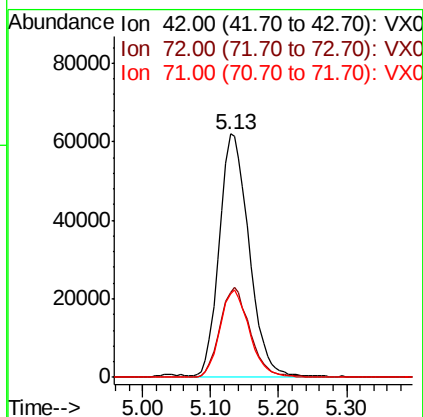
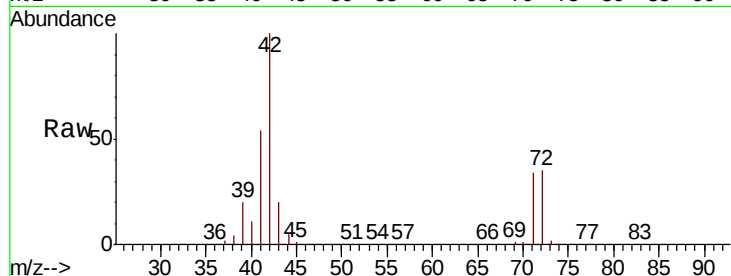




#29
Tetrahydrofuran
Concen: 112.012 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

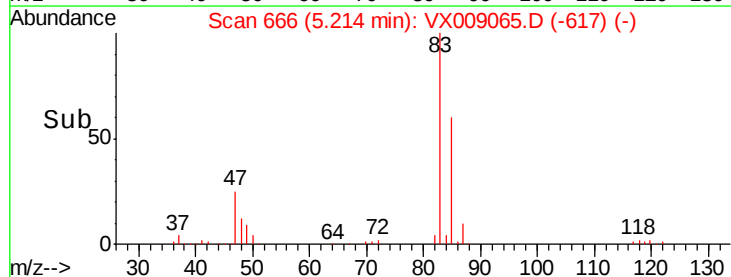
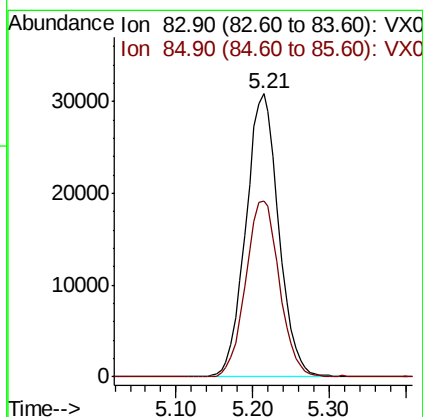
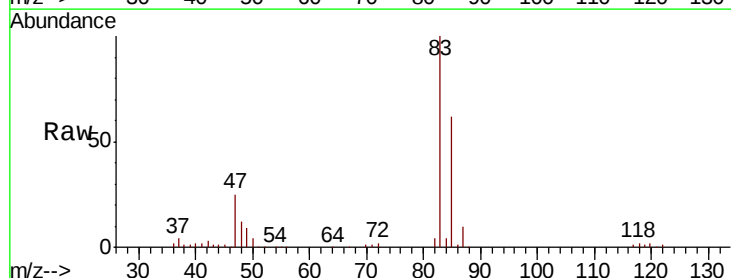
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

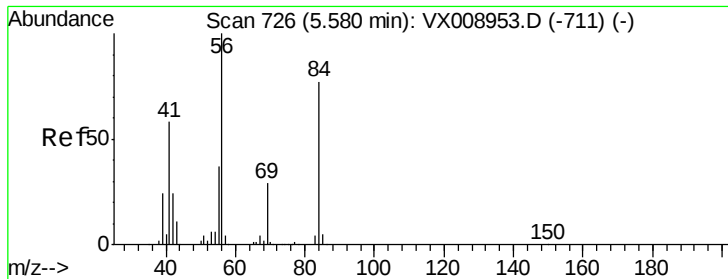
Tot Ion: 42 Resp: 186921
Ion Ratio Lower Upper
42 100
72 37.7 30.6 45.8
71 35.8 28.8 43.2



#30
Chloroform
Concen: 21.192 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 83 Resp: 92367
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9

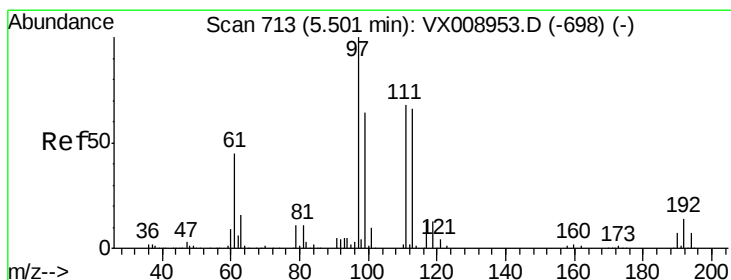
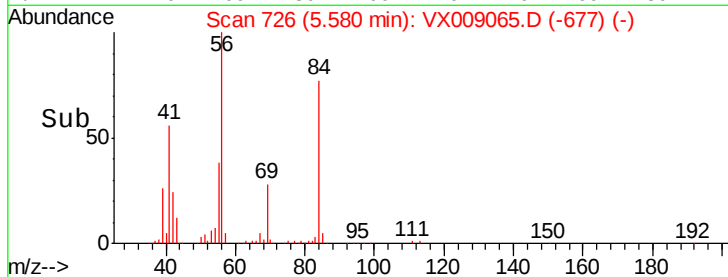
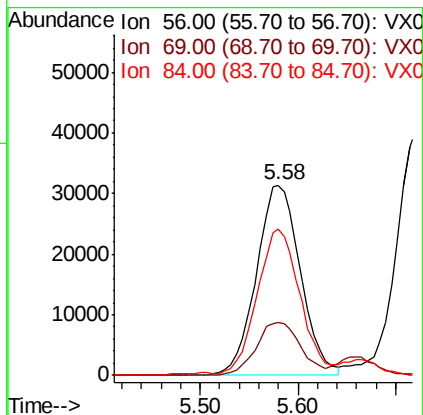
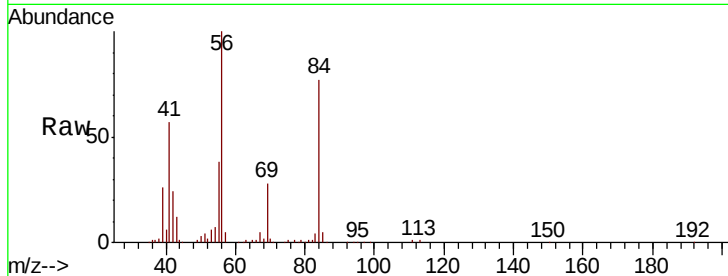




#31
Cyclohexane
Concen: 20.540 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

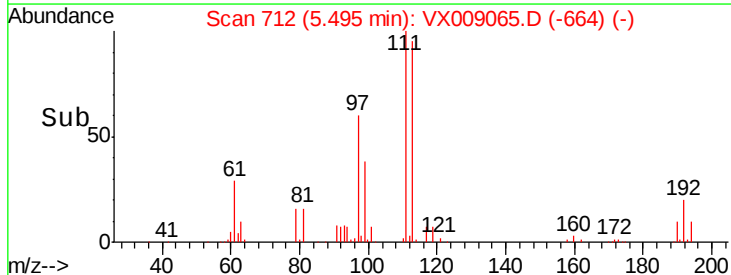
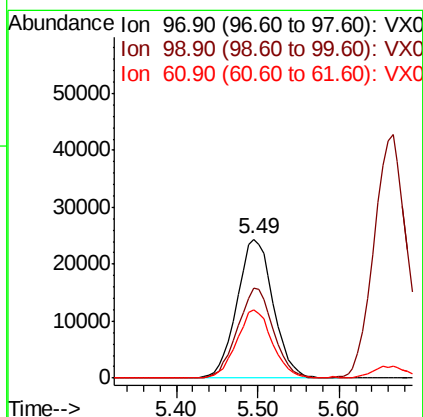
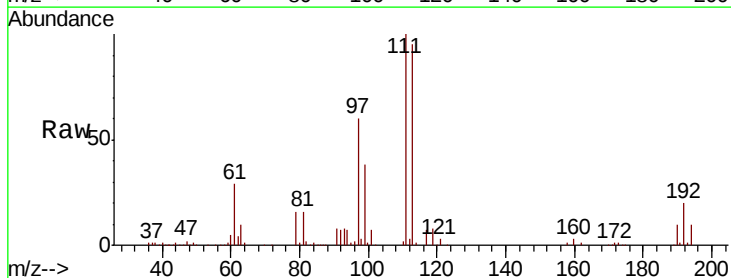
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

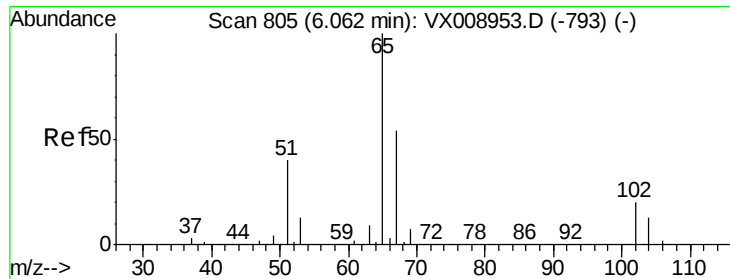
Tot Ion: 56 Resp: 98401
Ion Ratio Lower Upper
56 100
69 27.8 23.3 34.9
84 76.0 61.7 92.5



#32
1,1,1-Trichloroethane
Concen: 20.802 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 97 Resp: 75146
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 48.1 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 53.450 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

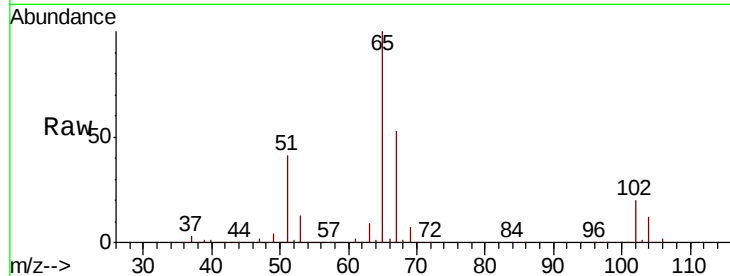
VX0419WBS01

Tot Ion: 65 Resp: 160768

Ion Ratio Lower Upper

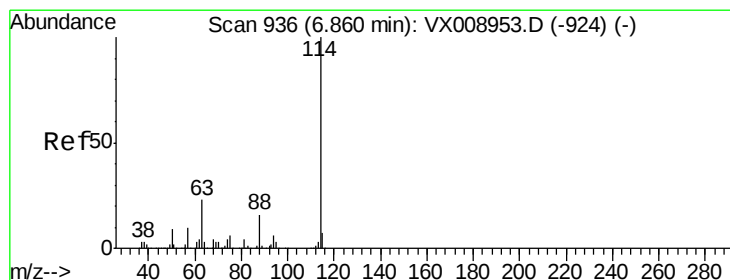
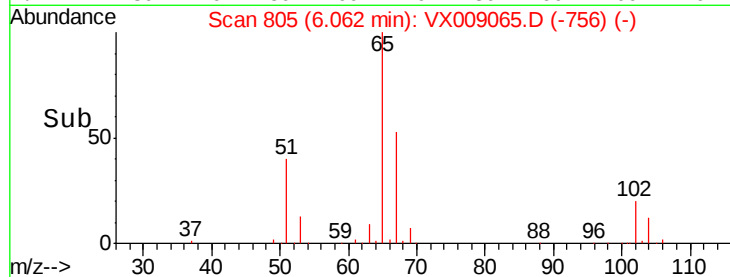
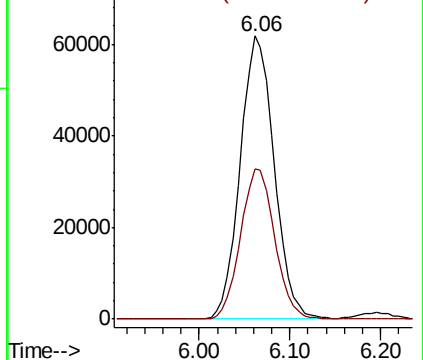
65 100

67 53.6 0.0 108.6



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: VX009065.D

Acq: 19 Apr 2019 13:10

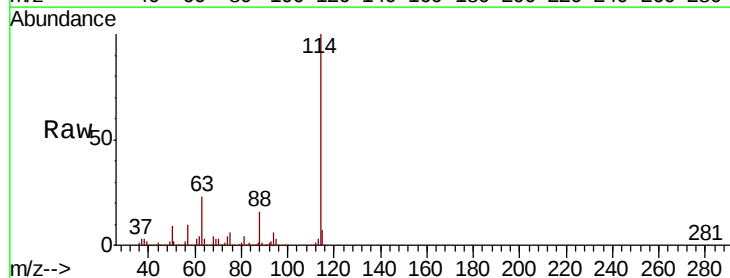
Tgt Ion: 114 Resp: 354589

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

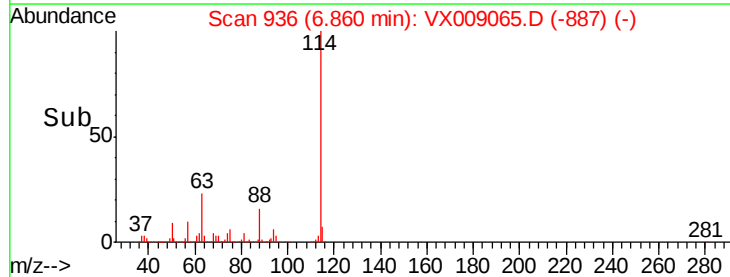
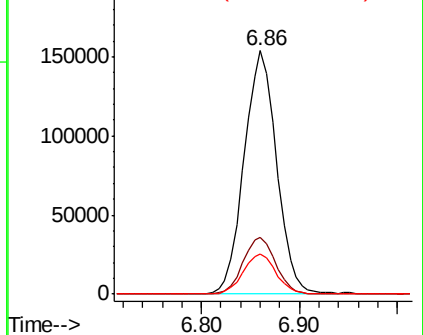
88 16.5 0.0 32.6

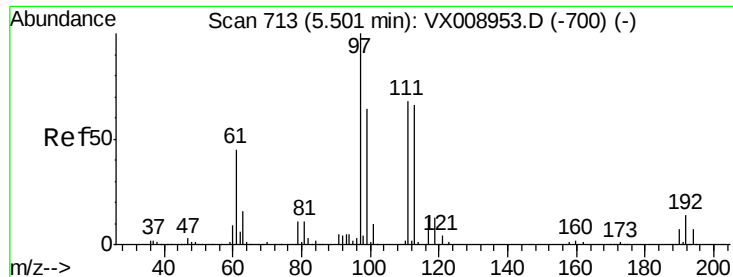


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.493 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

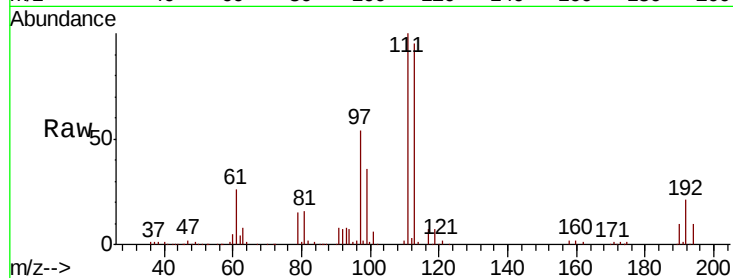
Tot Ion:113 Resp: 117182

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

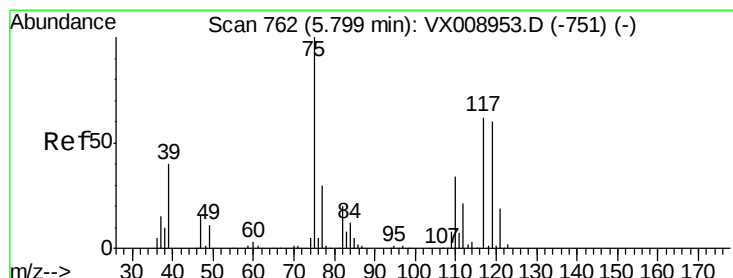
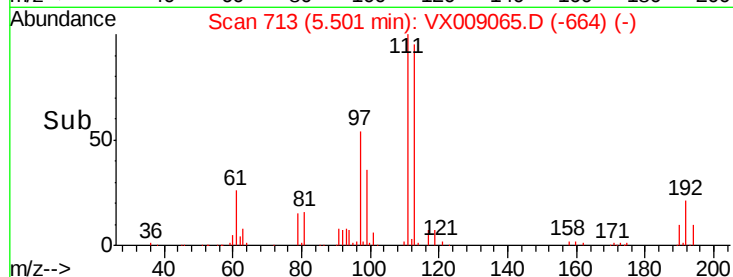
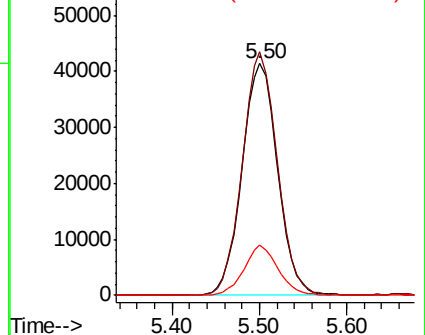
192 20.6 17.4 26.0



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: 18.884 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

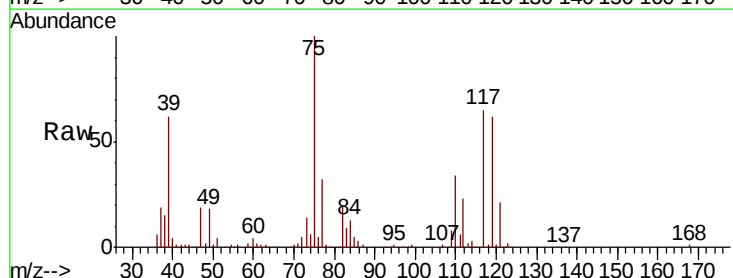
Tgt Ion: 75 Resp: 69253

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.7

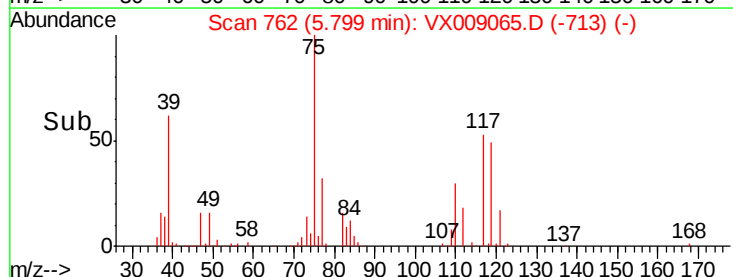
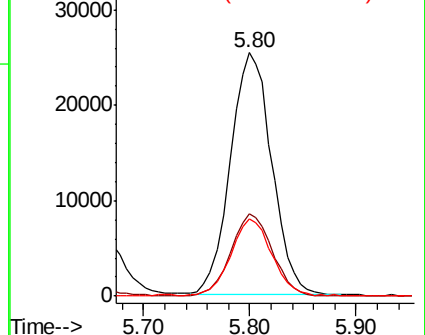
77 32.0 25.0 37.4

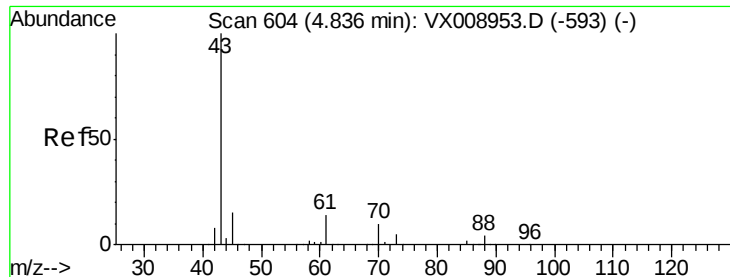


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.492 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampled :

VX0419WBS01

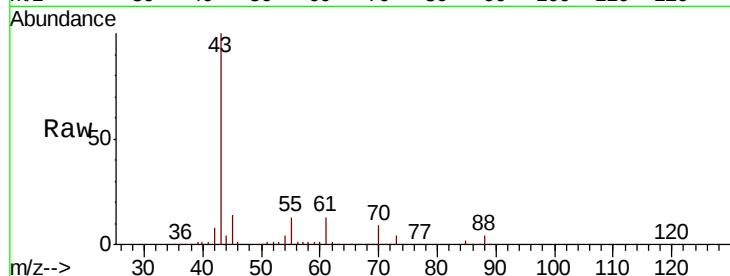
Tot Ion: 43 Resp: 106138

Ion Ratio Lower Upper

43 100

61 13.5 10.6 15.8

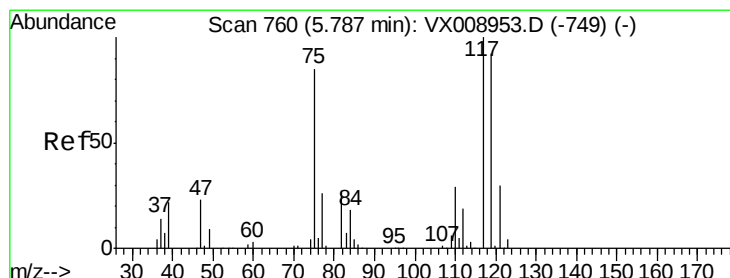
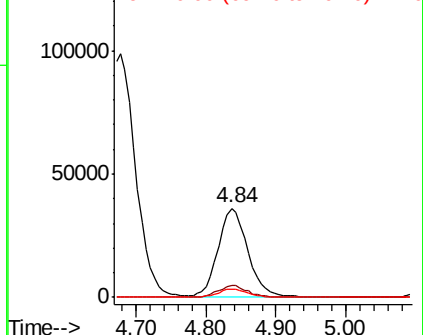
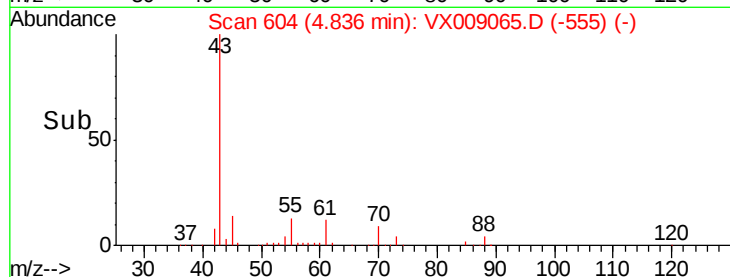
70 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.792 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

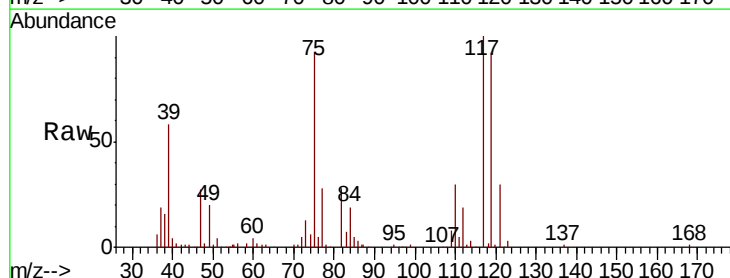
Tgt Ion: 117 Resp: 61532

Ion Ratio Lower Upper

117 100

119 91.8 73.8 110.8

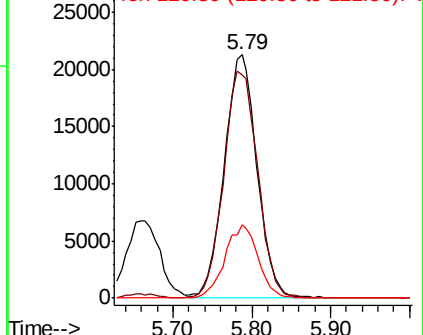
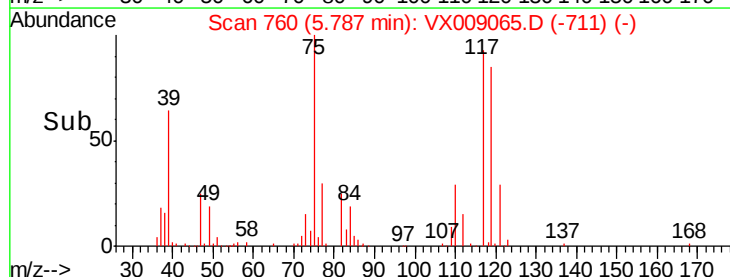
121 30.3 23.6 35.4

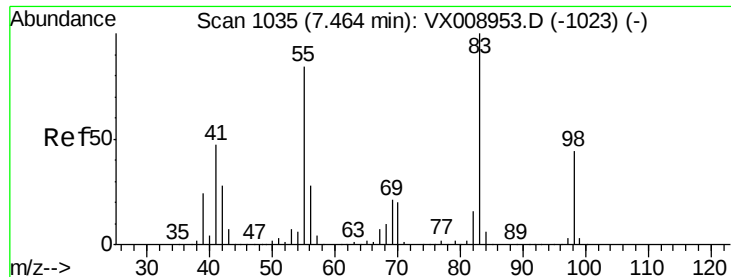


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

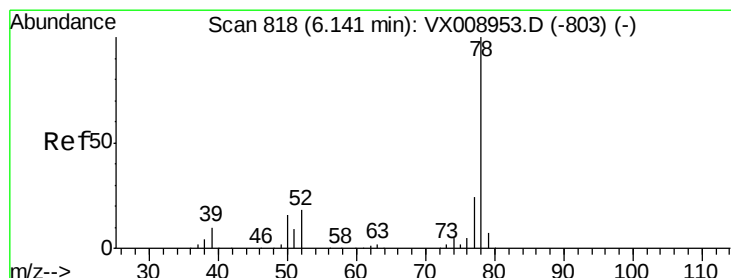
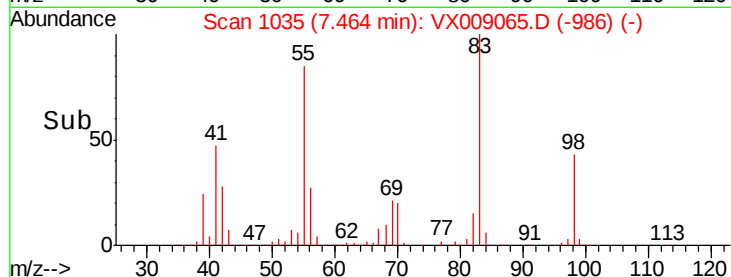
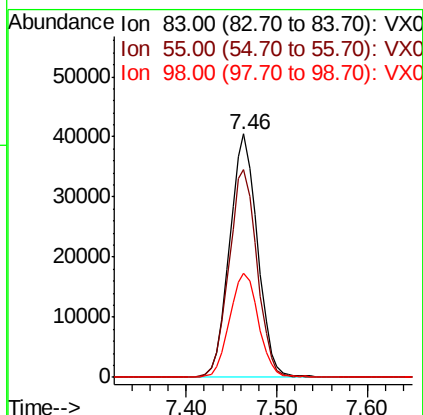
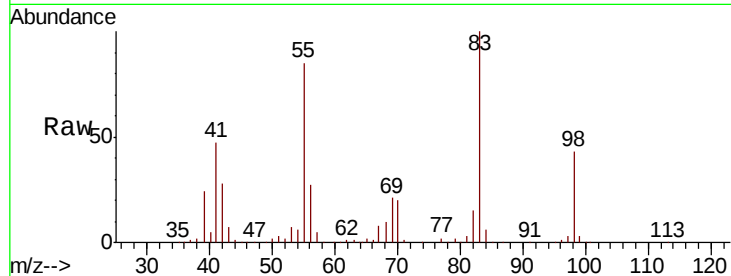




#39
Methvlcvclohexane
Concen: 19.317 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

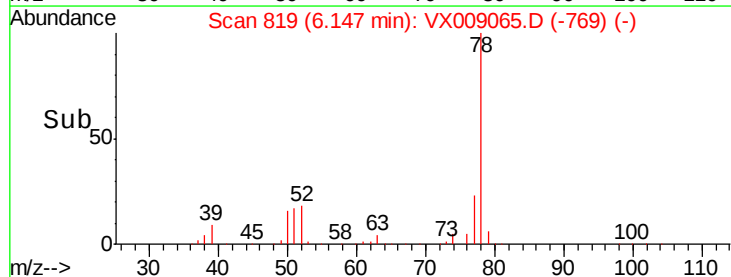
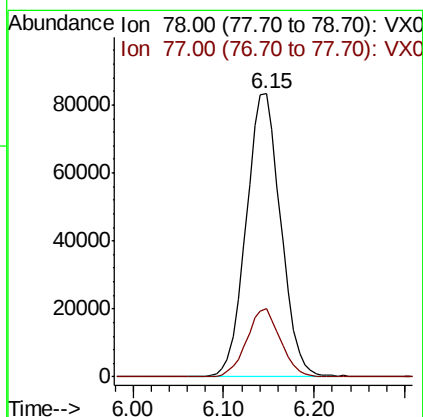
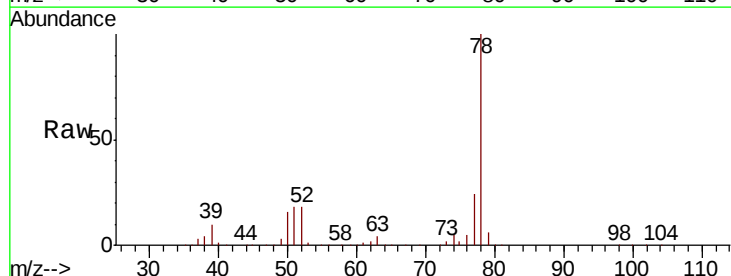
Instrument :
MSVOA_X
ClientSampled :
VX0419WBS01

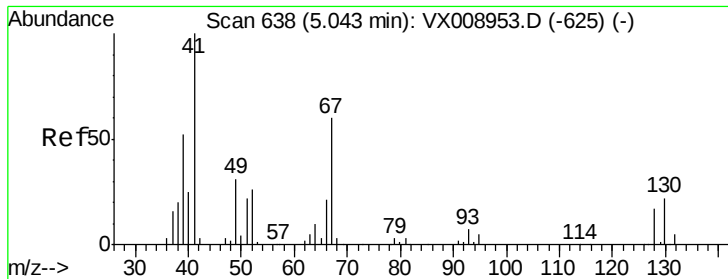
Tot Ion: 83 Resp: 86251
Ion Ratio Lower Upper
83 100
55 85.3 67.1 100.7
98 42.8 35.1 52.7



#40
Benzene
Concen: 20.321 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 78 Resp: 219849
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

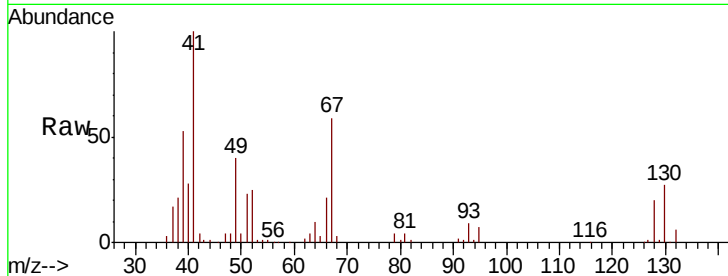




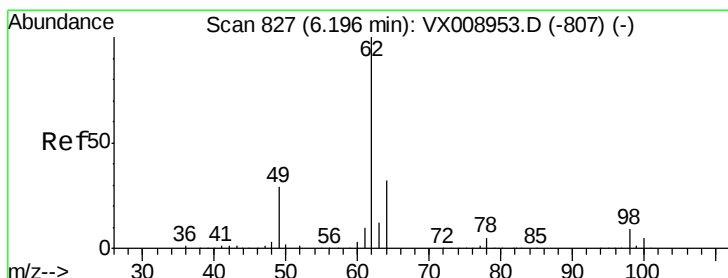
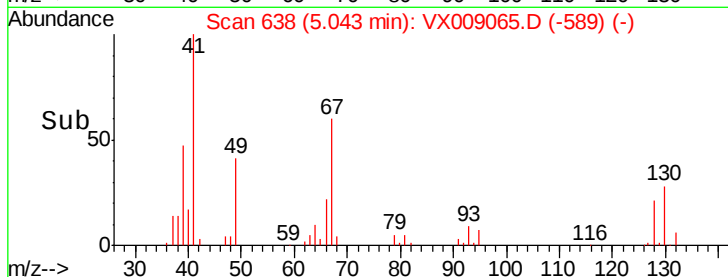
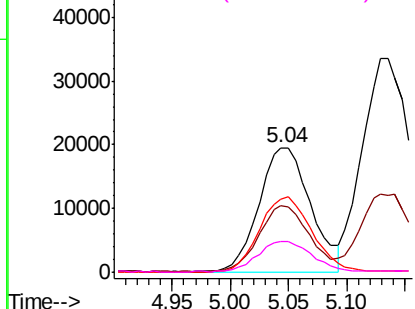
#41
Methacrylonitrile
Concen: 22.022 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

Tot Ion:	41	Resp:	59641
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.8	62.6
67	62.6	50.2	75.4
52	25.9	21.1	31.7

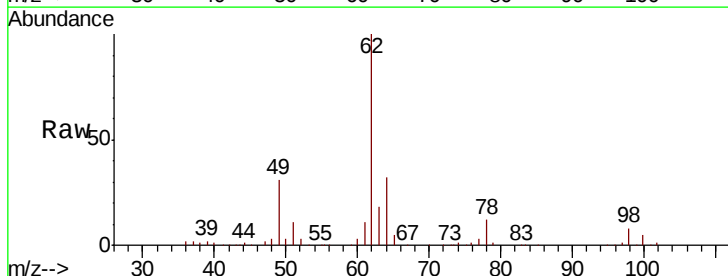


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

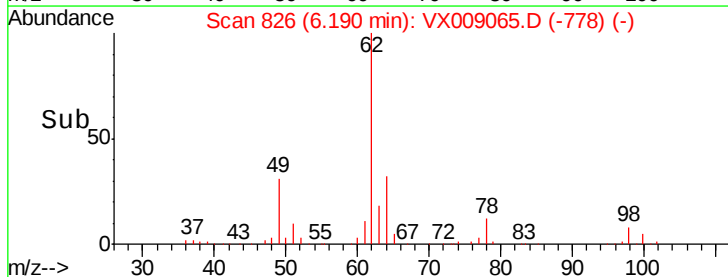
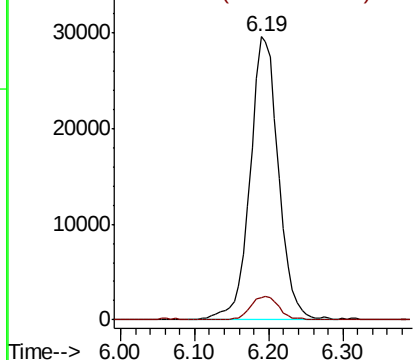


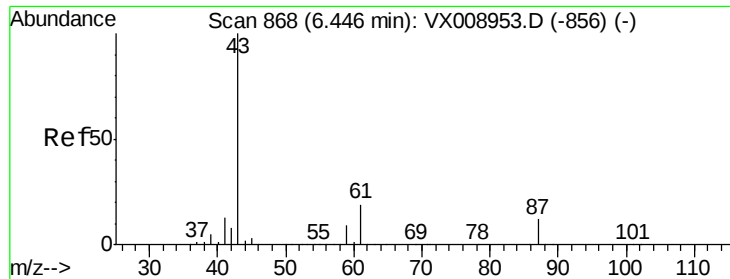
#42
1,2-Dichloroethane
Concen: 20.685 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion:	62	Resp:	79272
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.4



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



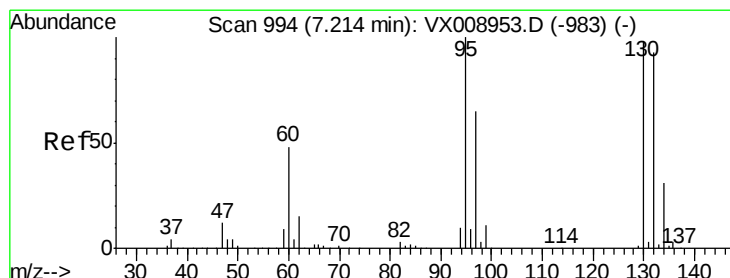
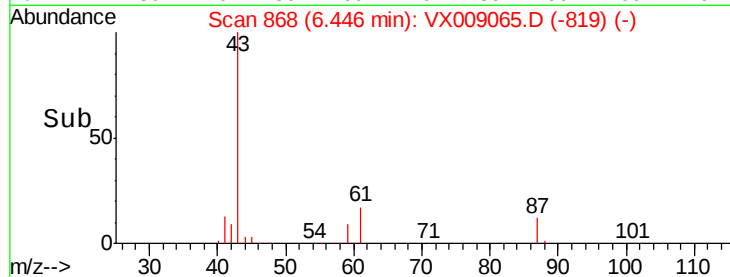
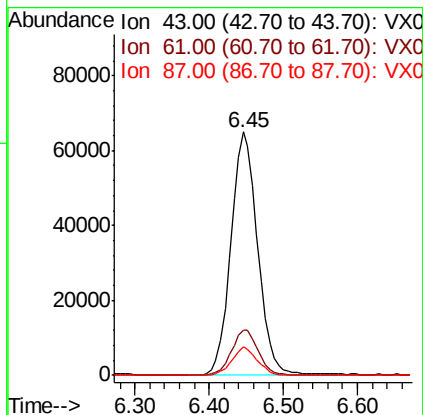
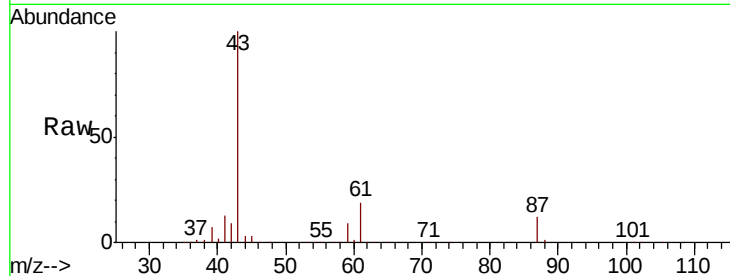


#43

Isopropyl Acetate
 Concen: 21.414 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

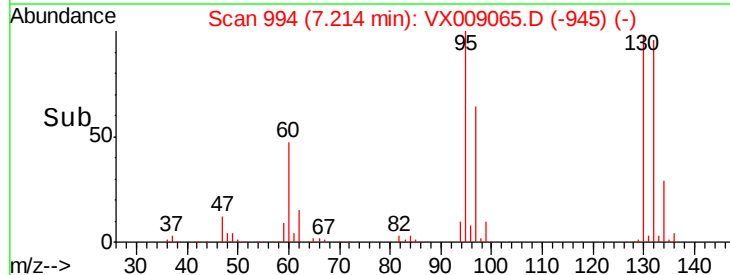
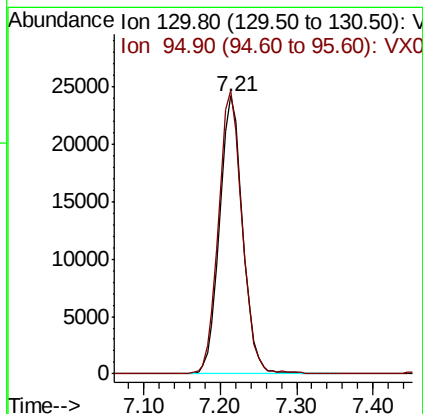
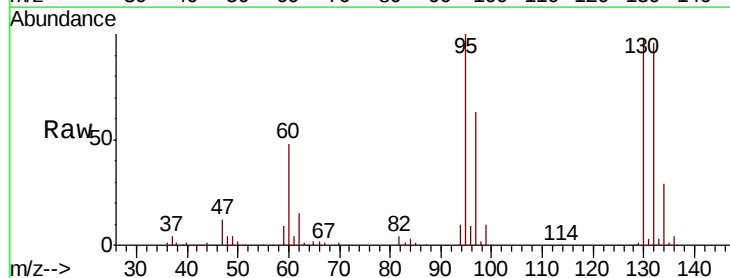
Tot Ion: 43 Resp: 162842
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.0 9.0 13.4

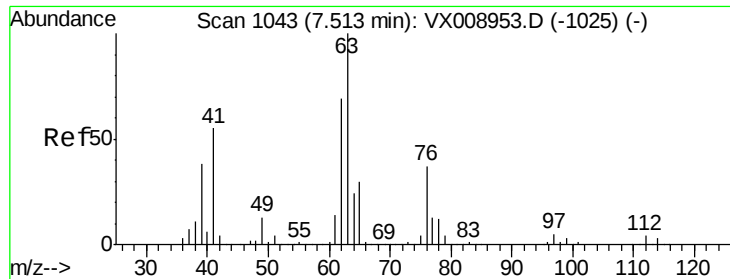


#44

Trichloroethene
 Concen: 19.162 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion:130 Resp: 50793
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 203.2





#45

1,2-Dichloropropane

Concen: 20.726 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

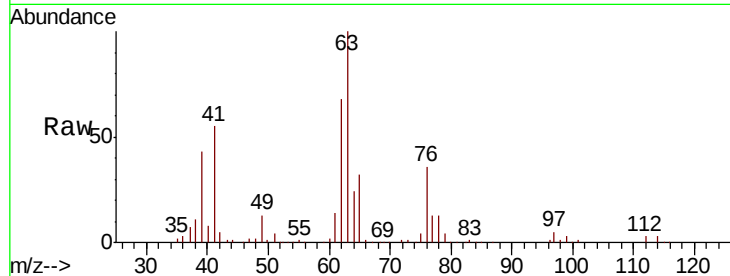
VX0419WBS01

Tot Ion: 63 Resp: 62205

Ion Ratio Lower Upper

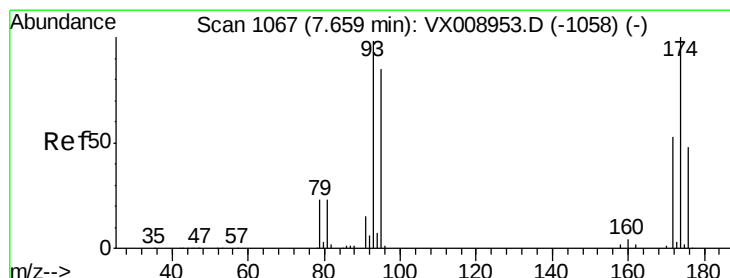
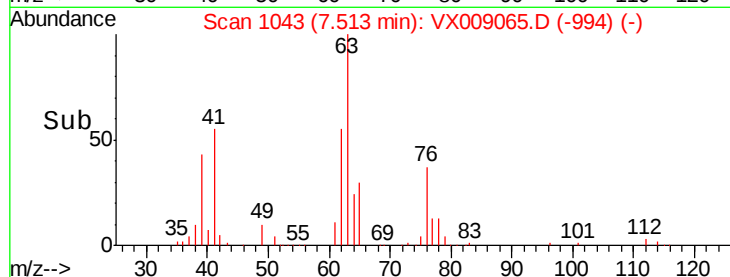
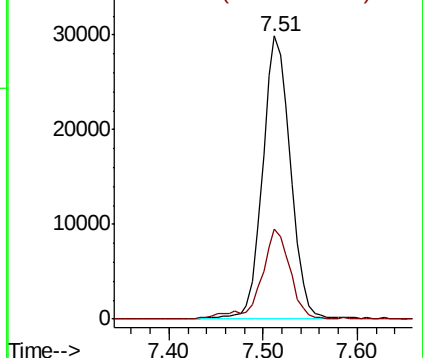
63 100

65 31.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.101 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

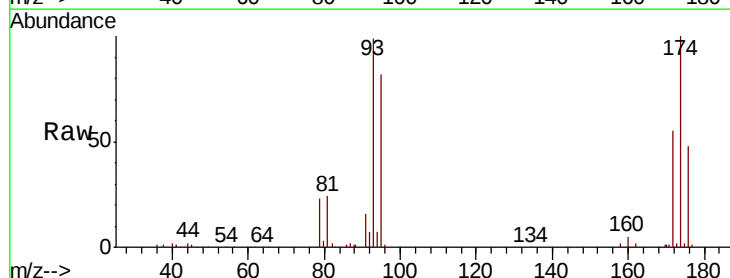
Tgt Ion: 93 Resp: 35110

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.4

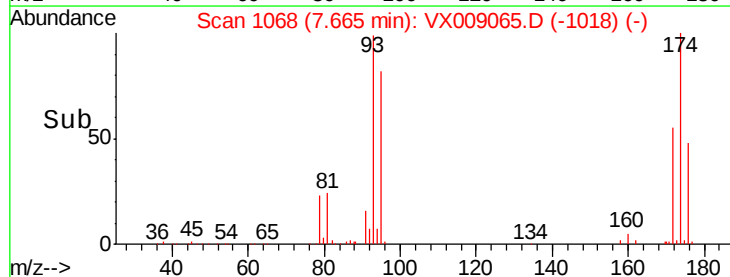
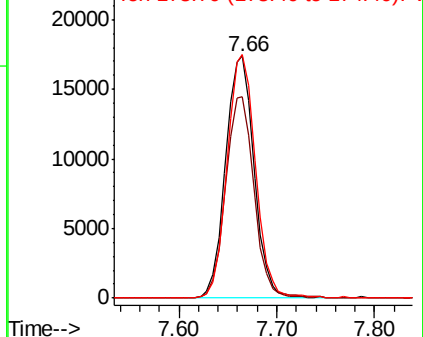
174 100.0 81.6 122.4

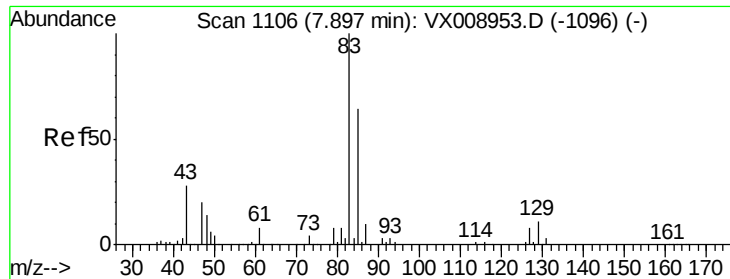


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.085 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

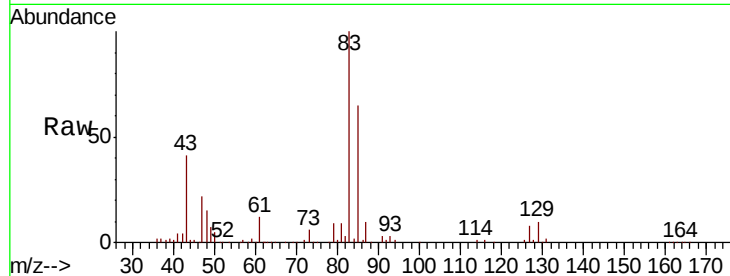
Tot Ion: 83 Resp: 68811

Ion Ratio Lower Upper

83 100

85 64.9 50.8 76.2

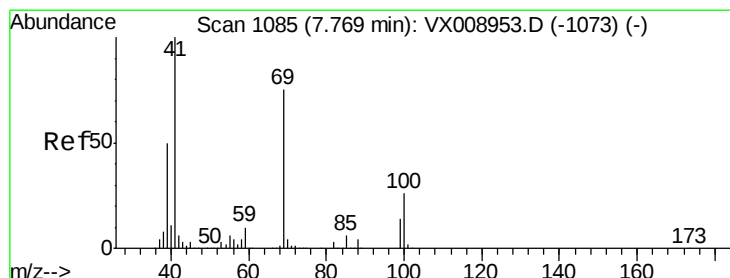
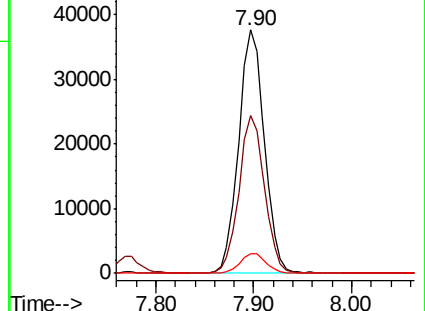
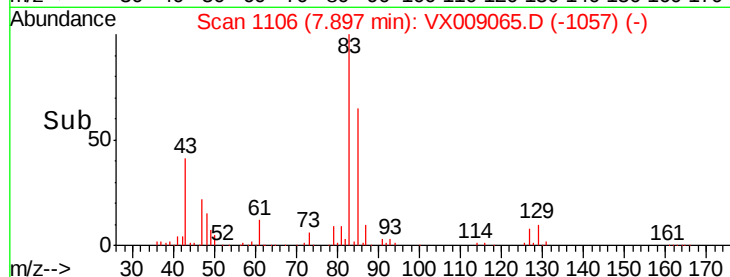
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.229 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

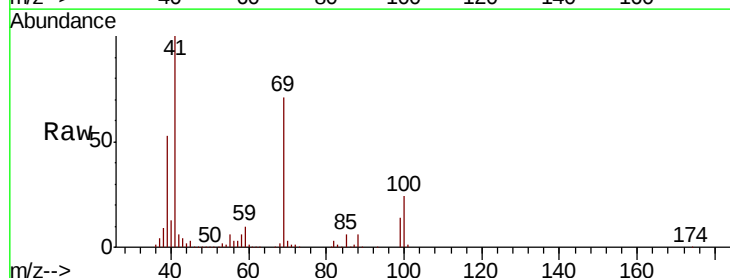
Tgt Ion: 41 Resp: 79768

Ion Ratio Lower Upper

41 100

69 74.0 59.4 89.2

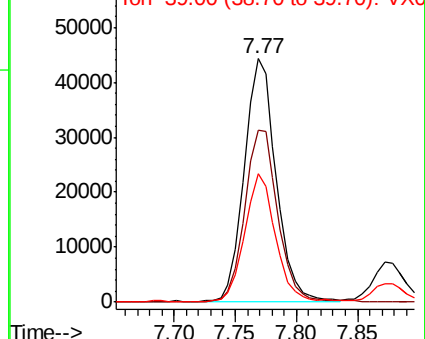
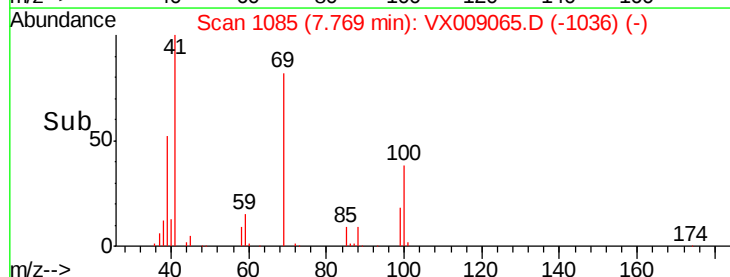
39 50.9 39.8 59.6

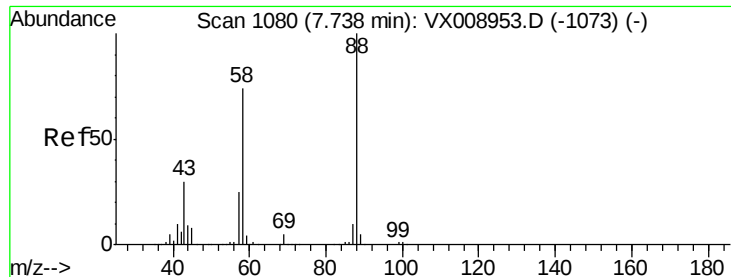


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

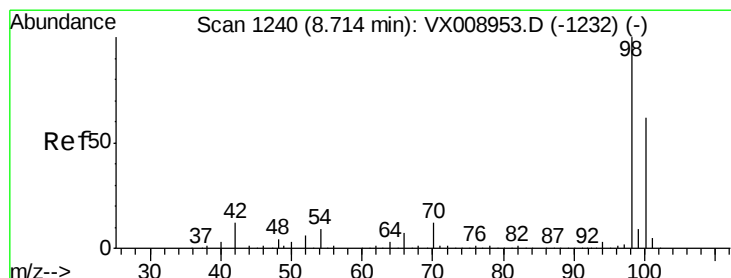
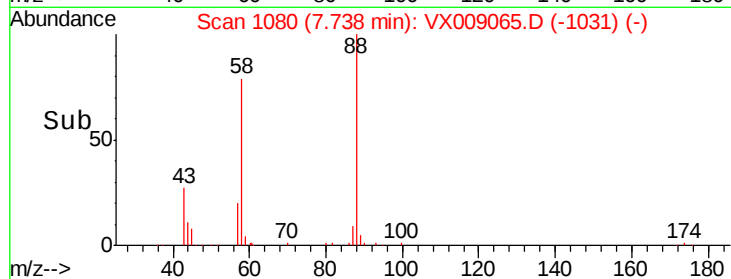
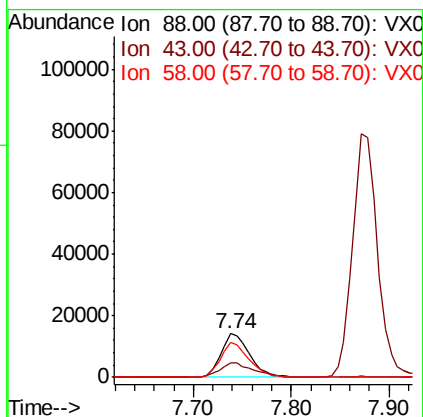
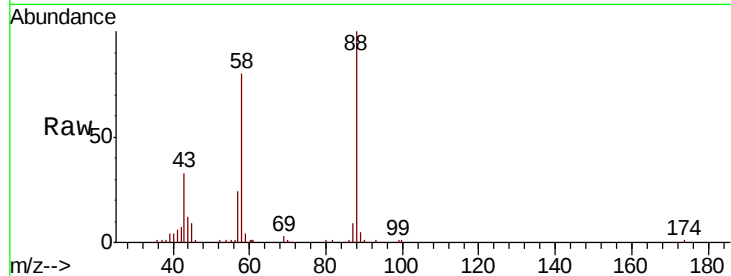




#49
1,4-Dioxane
Concen: 409.511 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

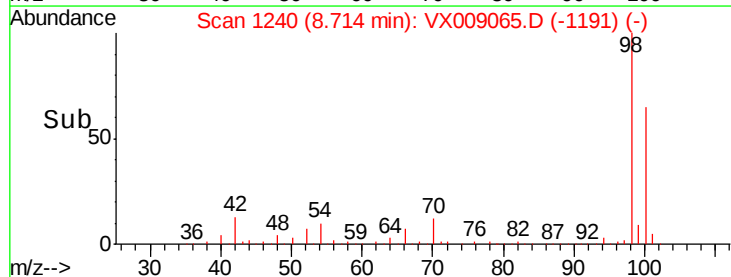
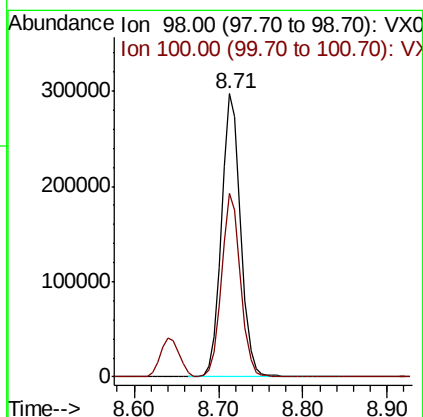
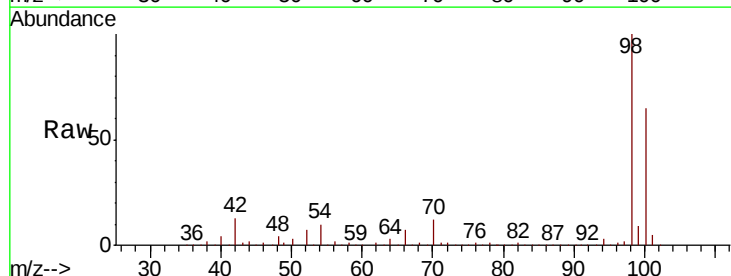
Instrument :
MSVOA_X
ClientSampled :
VX0419WBS01

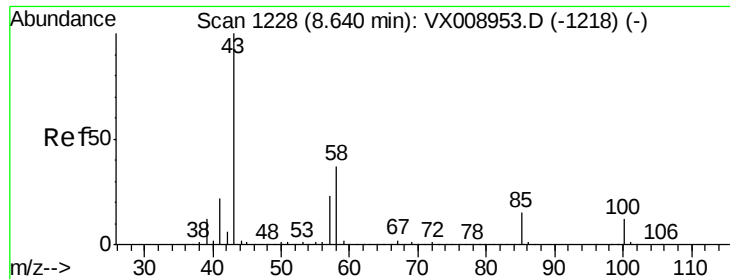
Tot Ion: 88 Resp: 28800
Ion Ratio Lower Upper
88 100
43 40.4 29.3 43.9
58 81.5 62.6 93.8



#50
Toluene-d8
Concen: 50.954 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 98 Resp: 462429
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.2

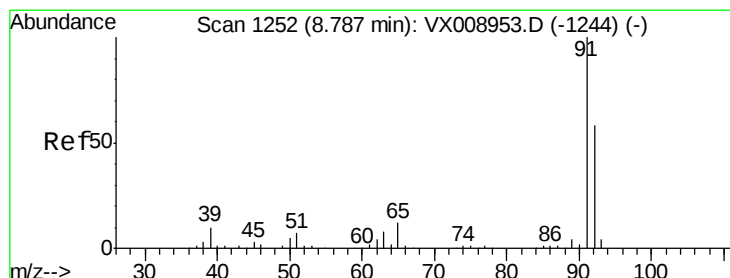
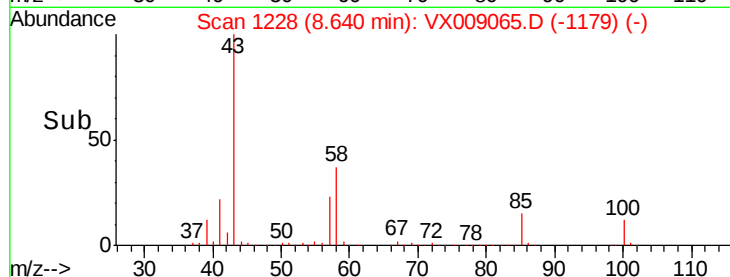
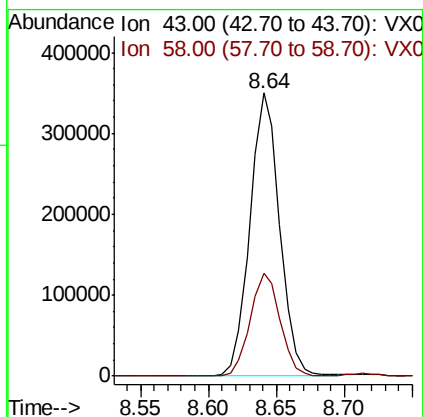
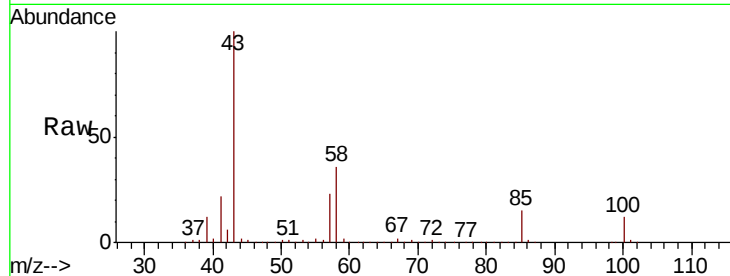




#51
 4-Methyl-2-Pentanone
 Concen: 110.863 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

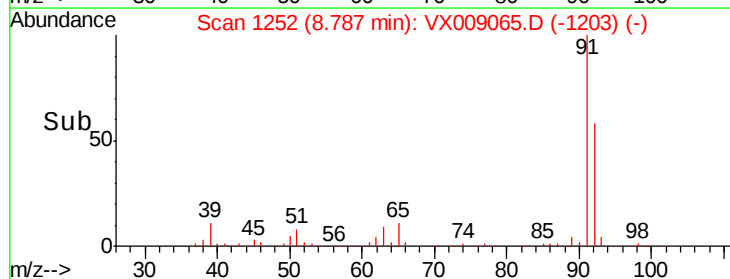
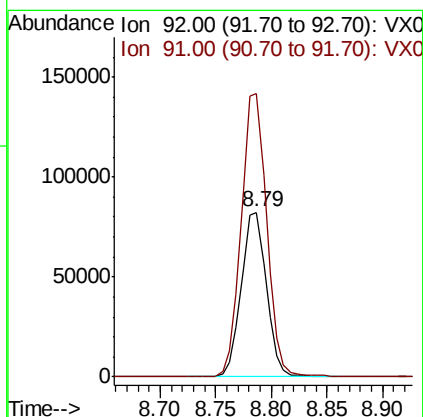
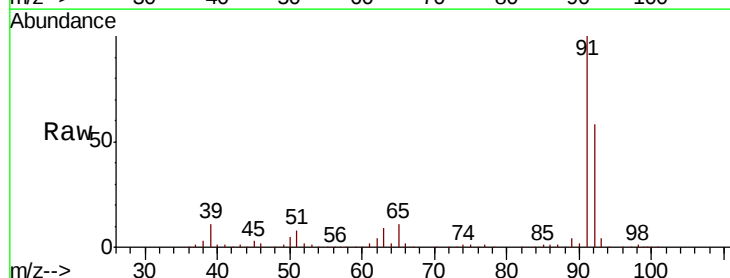
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

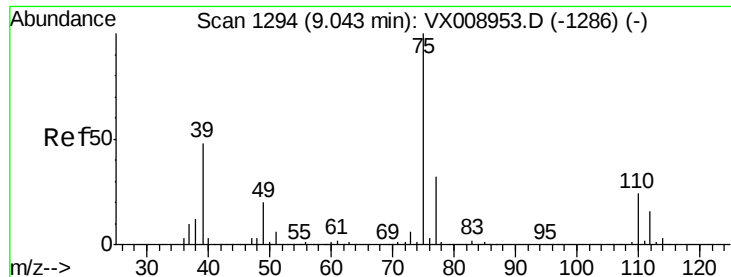
Tot Ion: 43 Resp: 537092
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.6



#52
 Toluene
 Concen: 20.044 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion: 92 Resp: 129960
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 19.665 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

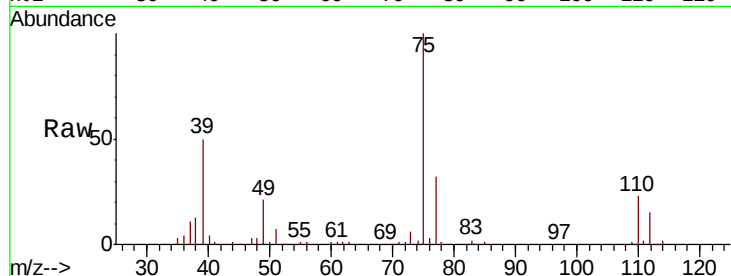
VX0419WBS01

Tot Ion: 75 Resp: 77536

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

60000

50000

40000

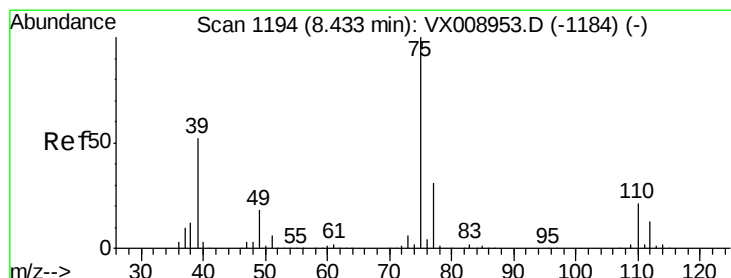
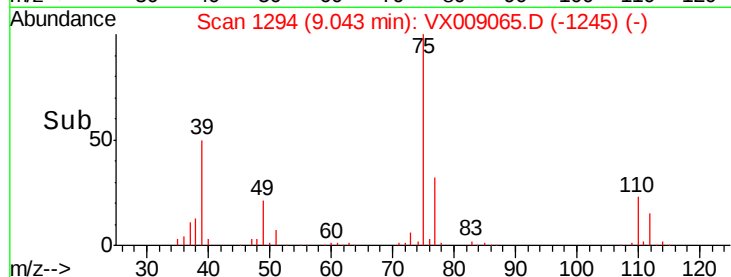
30000

20000

10000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 19.725 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

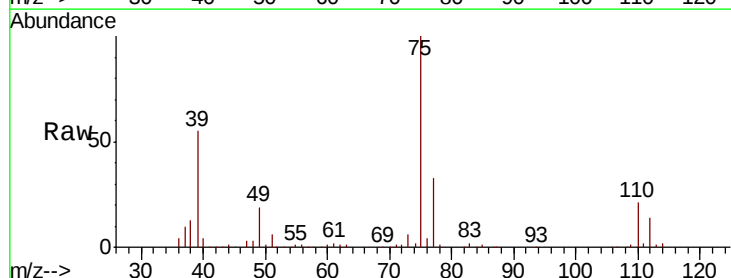
Tgt Ion: 75 Resp: 87082

Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 54.8 41.8 62.6



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

8.43

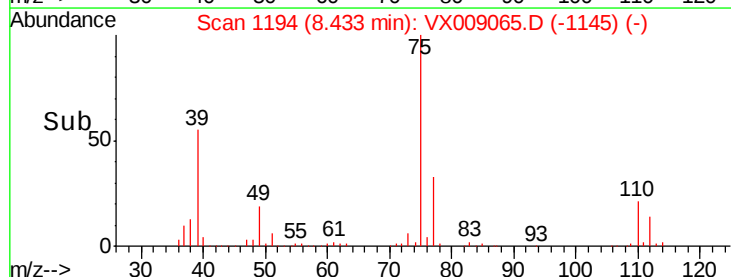
60000

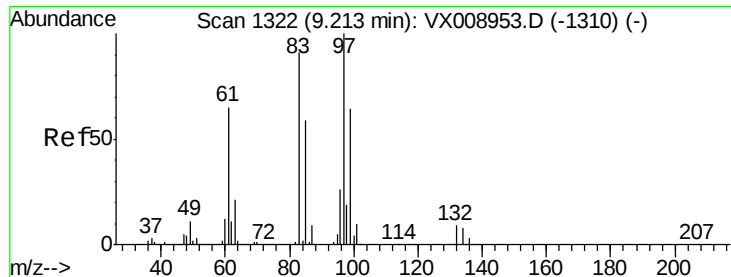
40000

20000

0

Time--> 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 20.567 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampled :

VX0419WBS01

Tot Ion: 97 Resp: 52850

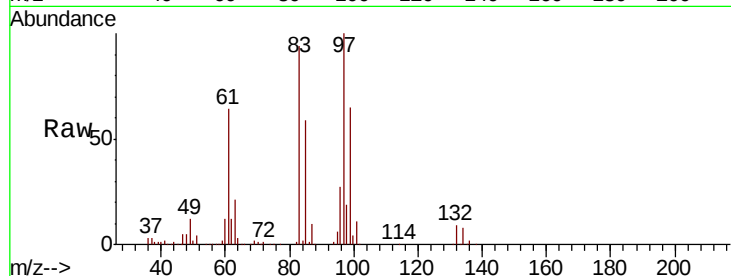
Ion Ratio Lower Upper

97 100

83 93.5 72.6 108.8

85 59.4 46.9 70.3

99 65.3 51.0 76.6

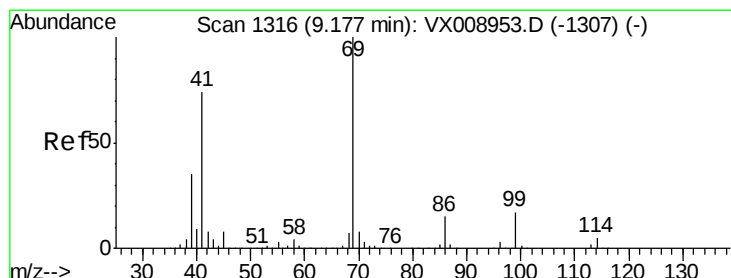
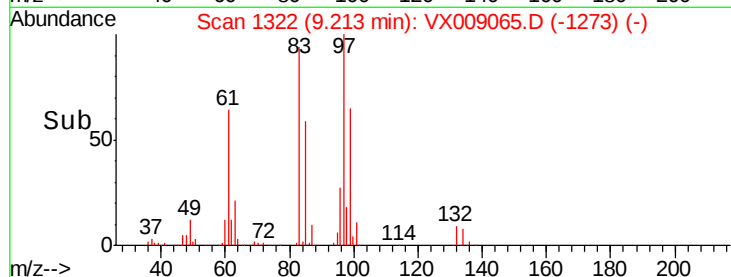
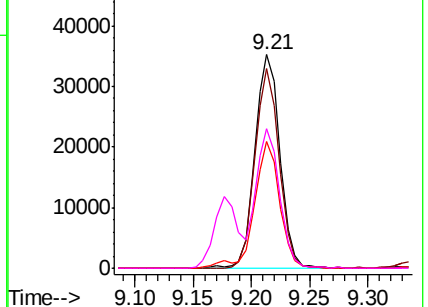


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.598 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

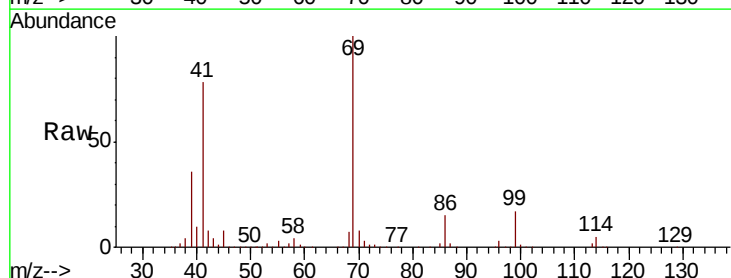
Tgt Ion: 69 Resp: 94908

Ion Ratio Lower Upper

69 100

41 76.8 60.2 90.2

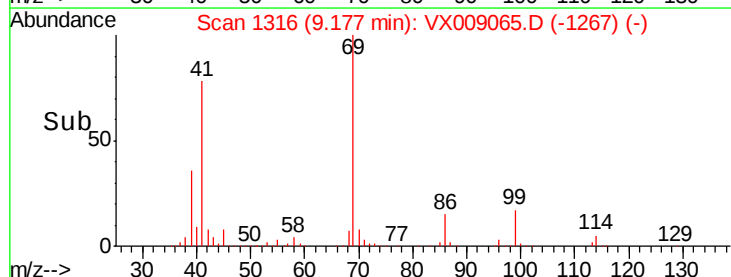
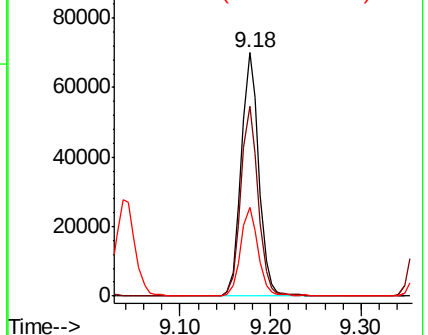
39 35.6 27.9 41.9

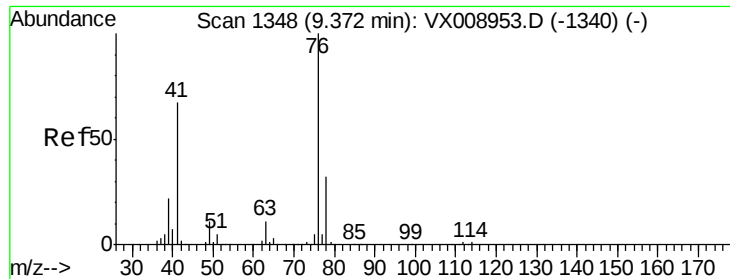


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.736 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

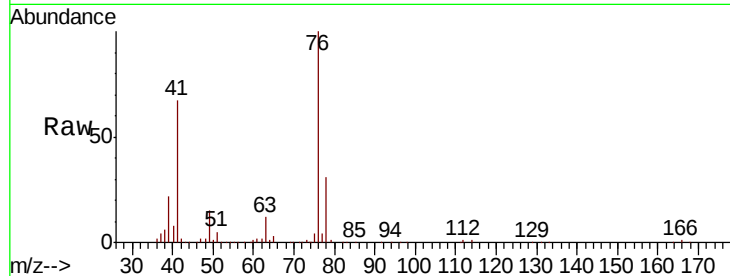
VX0419WBS01

Tot Ion: 76 Resp: 94876

Ion Ratio Lower Upper

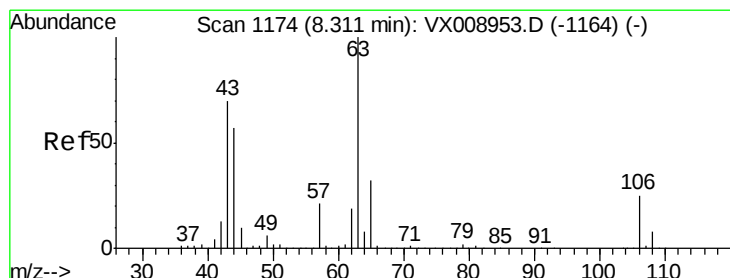
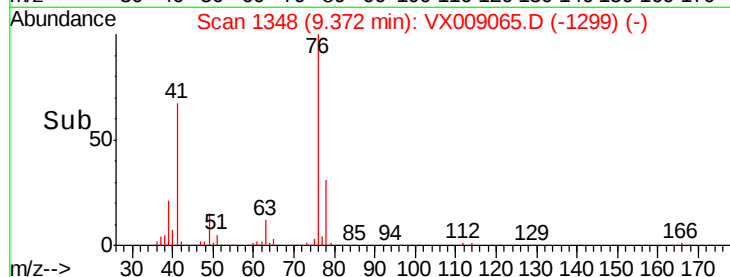
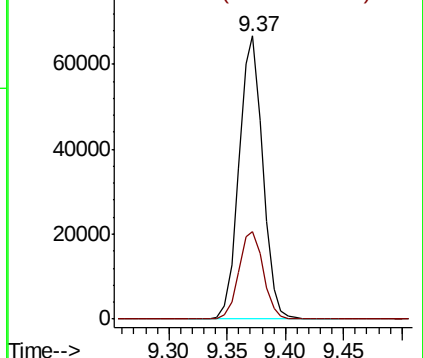
76 100

78 31.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.538 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009065.D

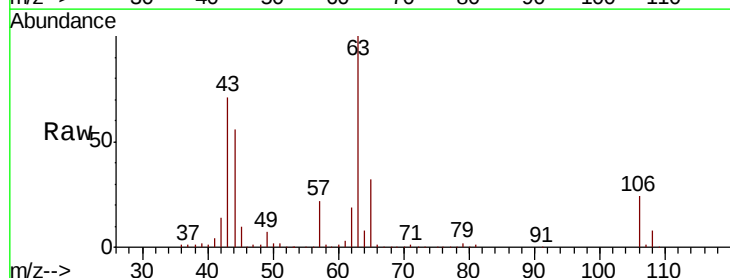
Acq: 19 Apr 2019 13:10

Tgt Ion: 63 Resp: 264347

Ion Ratio Lower Upper

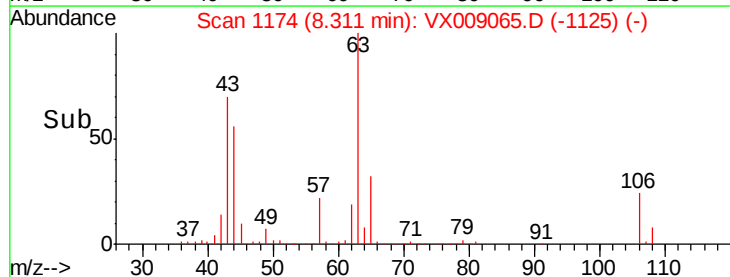
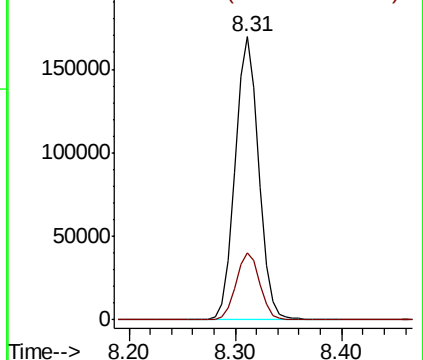
63 100

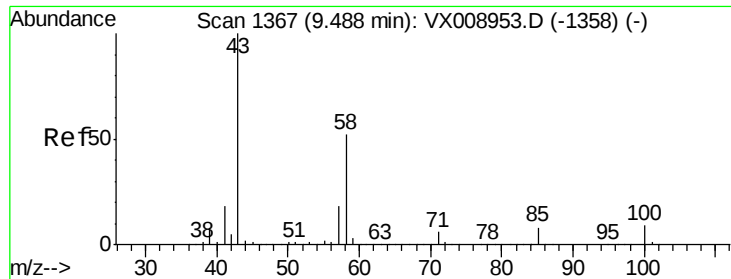
106 23.9 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

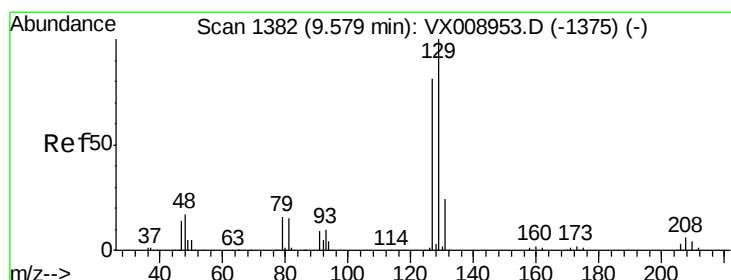
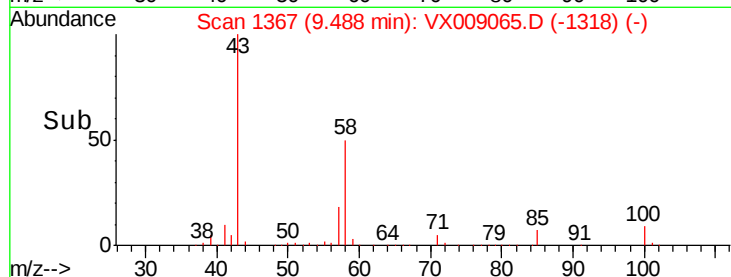
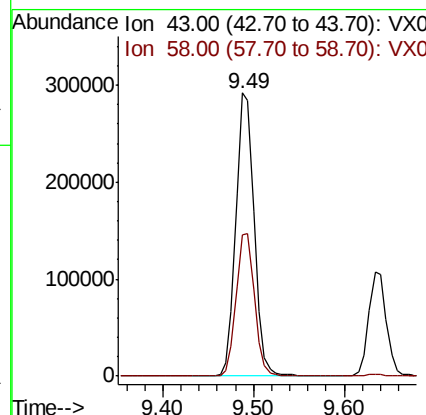
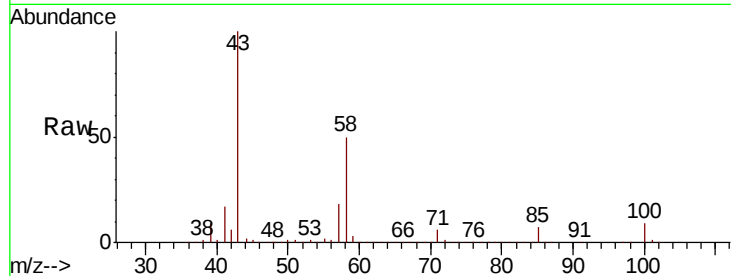




#59
2-Hexanone
Concen: 109.799 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

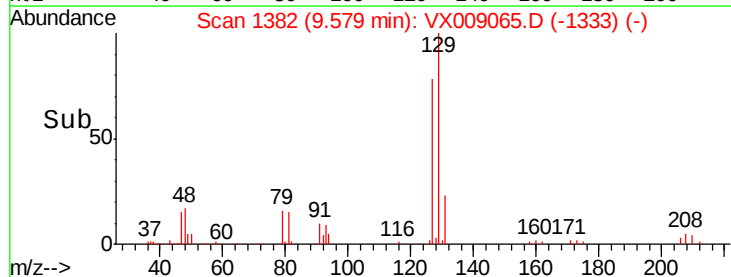
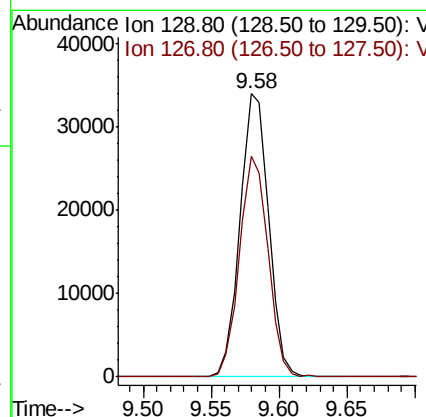
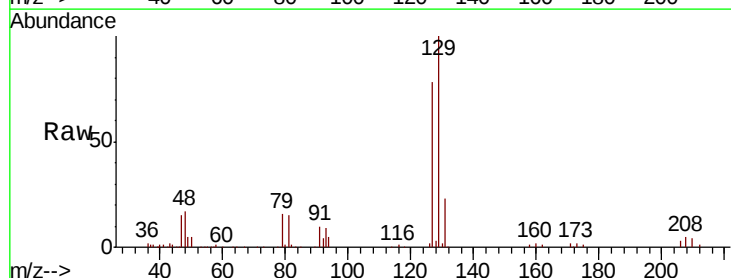
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

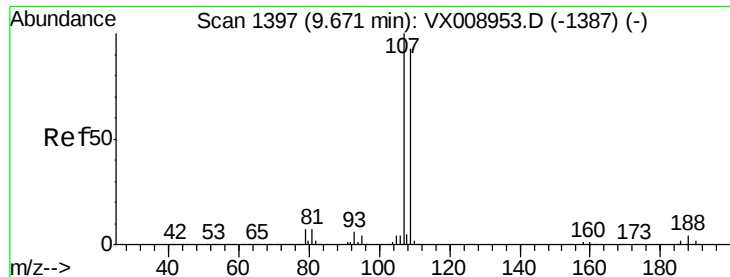
Tot Ion: 43 Resp: 410111
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8



#60
Dibromochloromethane
Concen: 20.284 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 129 Resp: 49956
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.556 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

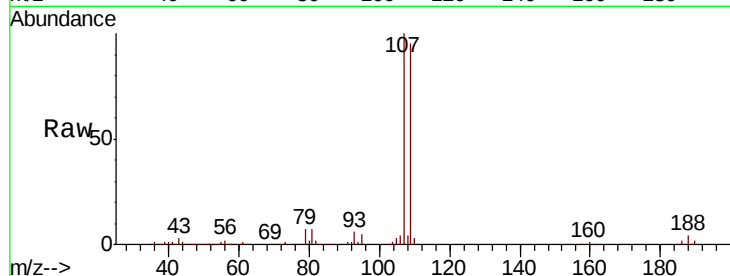
VX0419WBS01

Tot Ion:107 Resp: 54519

Ion Ratio Lower Upper

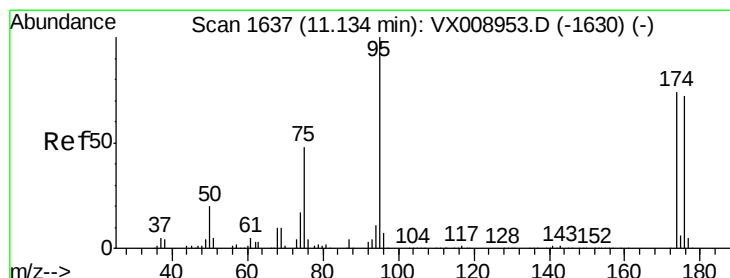
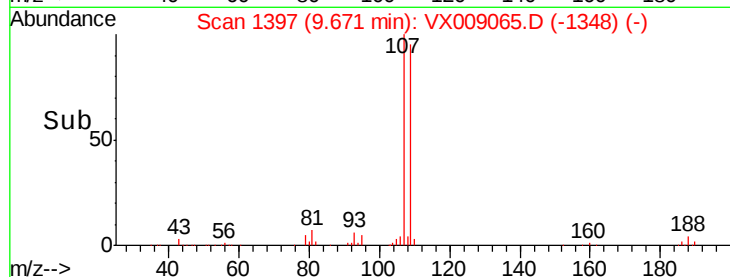
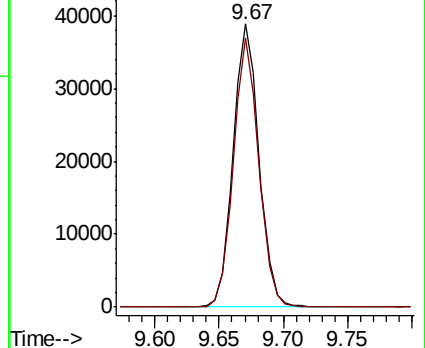
107 100

109 93.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.325 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

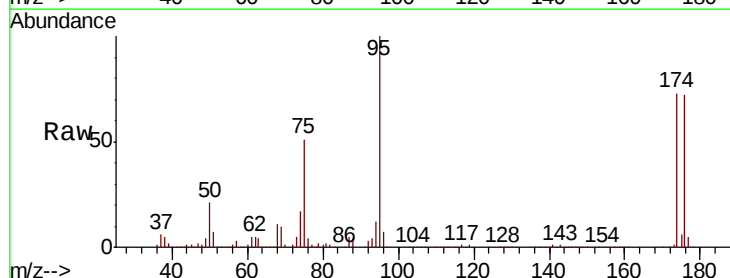
Tgt Ion: 95 Resp: 158022

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

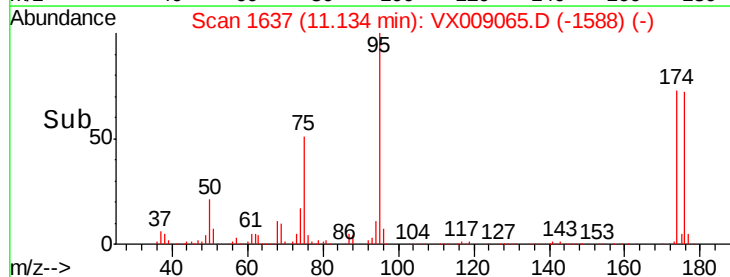
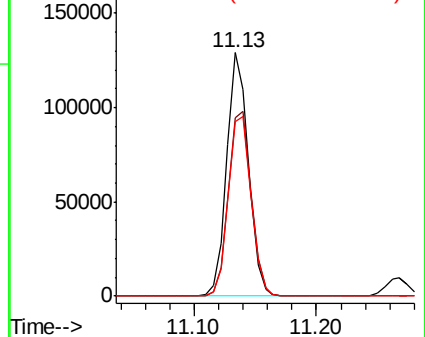
176 77.7 0.0 154.8

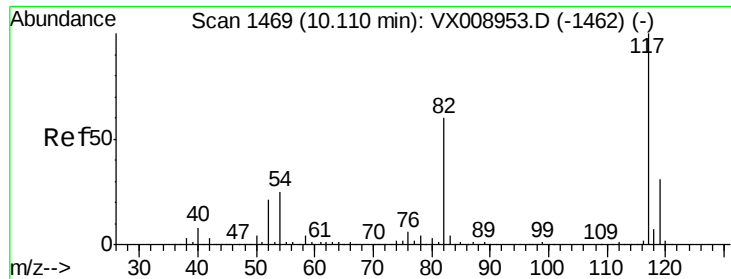


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

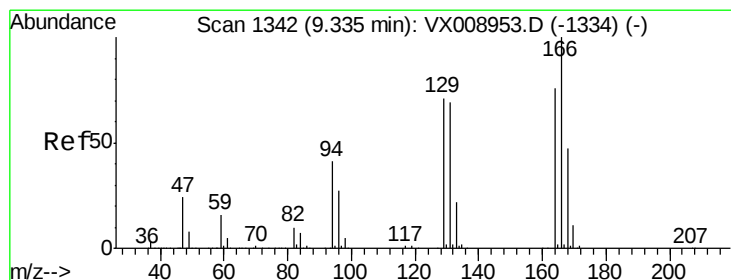
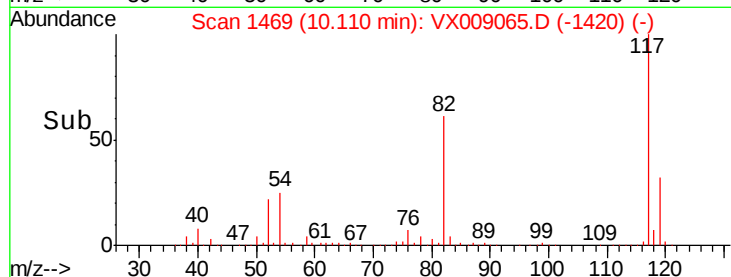
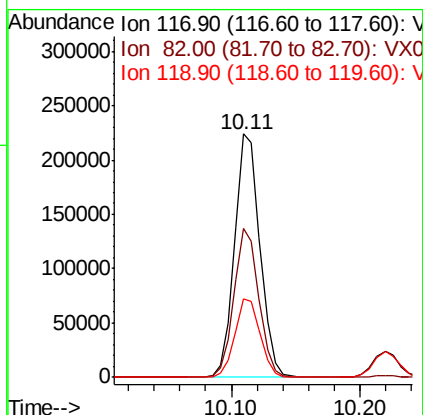
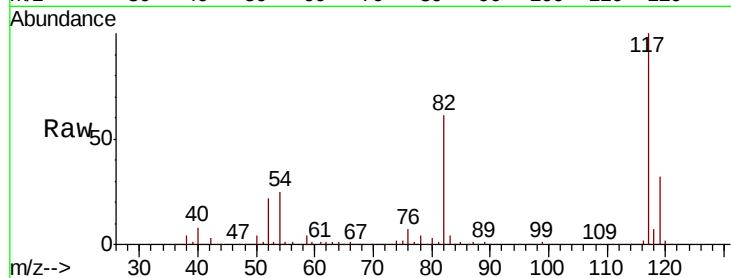




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

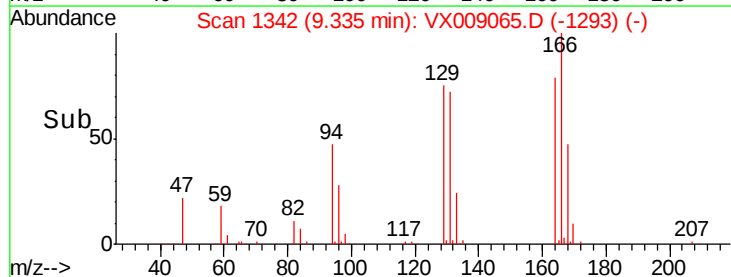
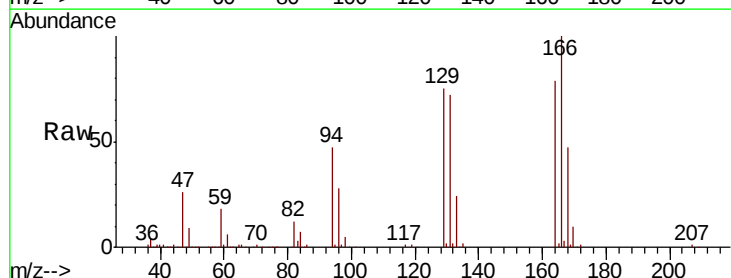
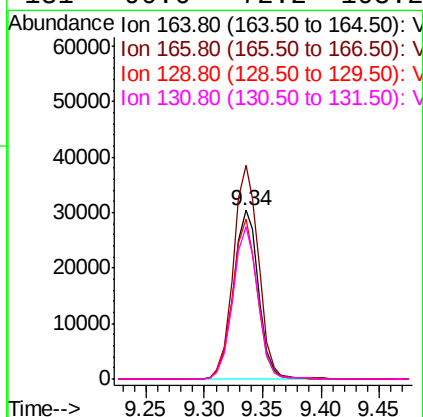
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

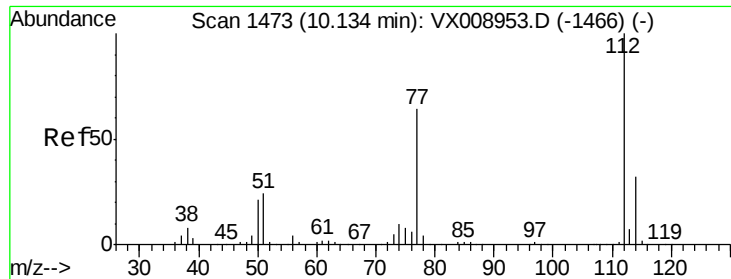
Tot Ion:117 Resp: 307974
Ion Ratio Lower Upper
117 100
82 61.4 48.2 72.4
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 19.463 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion:164 Resp: 45537
Ion Ratio Lower Upper
164 100
166 126.6 105.0 157.4
129 94.9 74.2 111.4
131 90.6 72.2 108.2

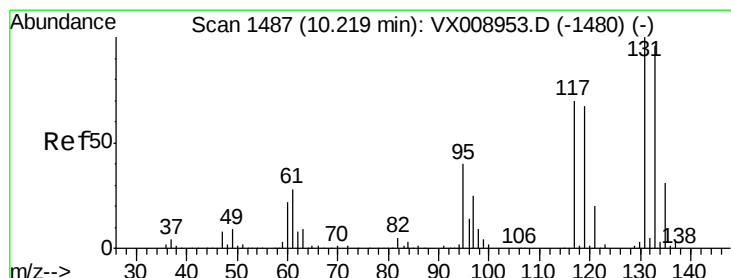
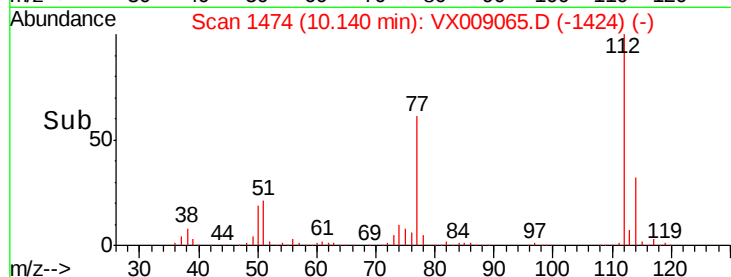
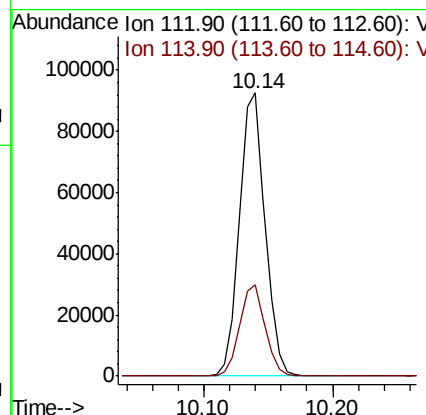
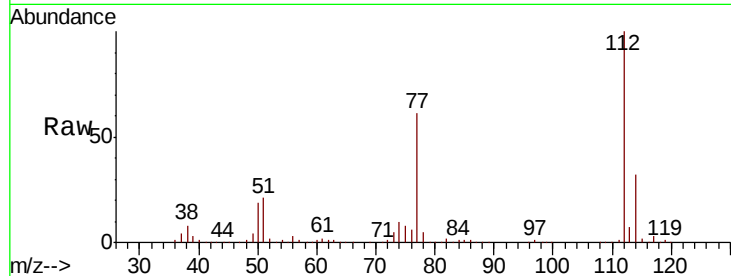




#65
Chlorobenzene
Concen: 19.786 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

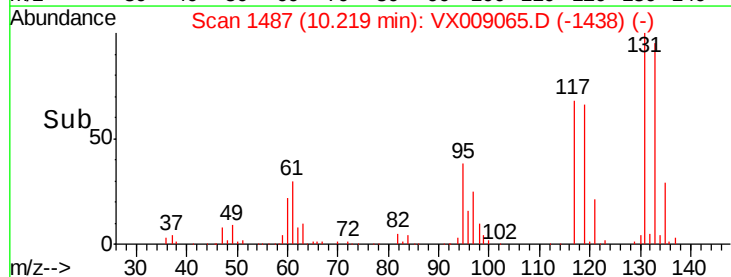
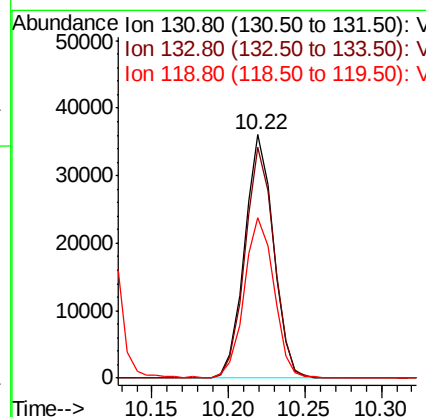
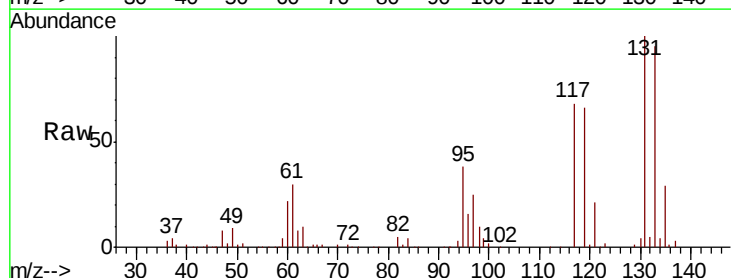
Instrument :
MSVOA_X
ClientSampled :
VX0419WBS01

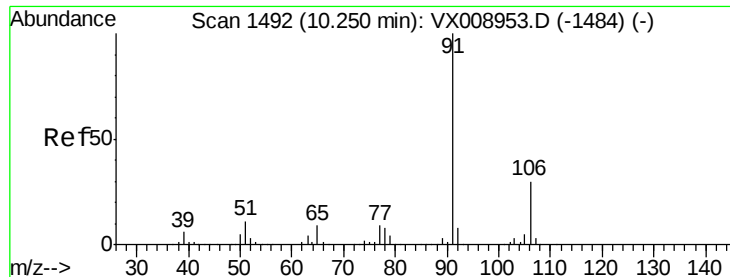
Tot Ion:112 Resp: 128621
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.666 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion:131 Resp: 47326
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 68.3 33.7 101.1

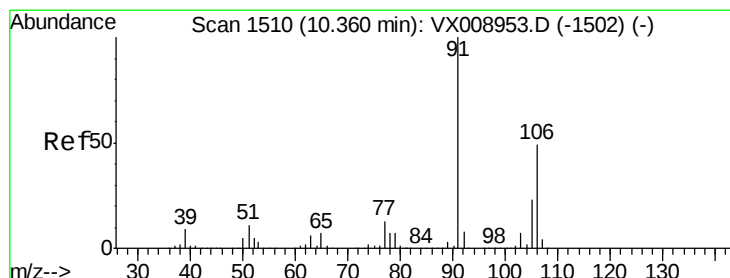
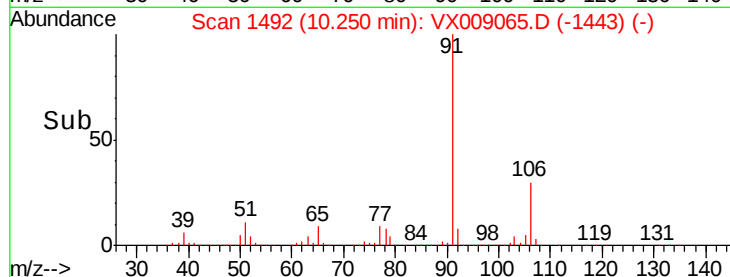
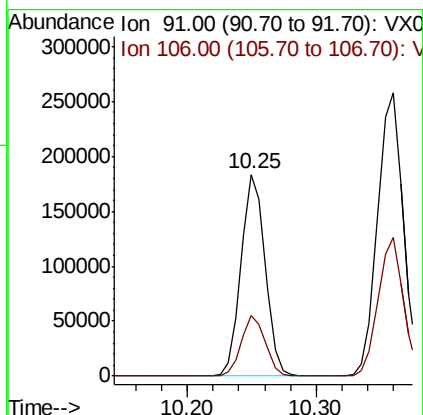
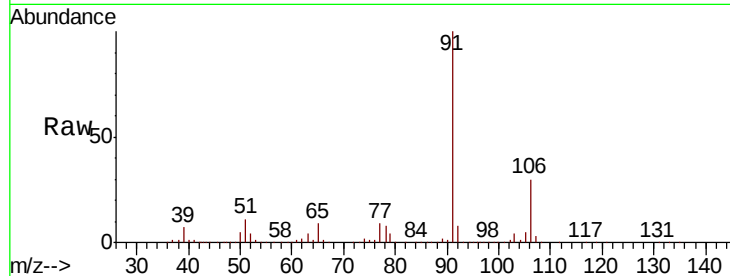




#67
Ethyl Benzene
Concen: 20.038 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

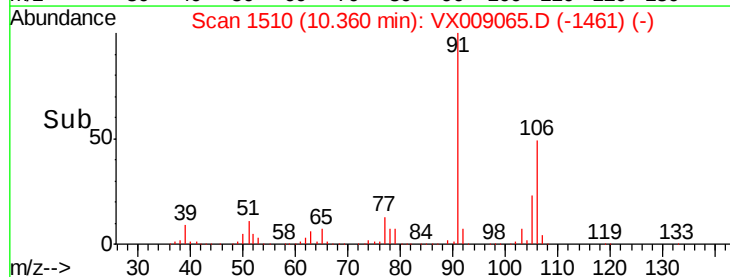
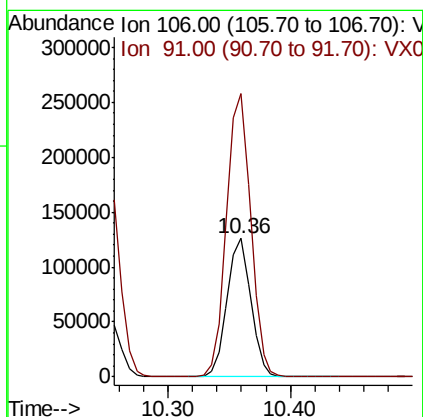
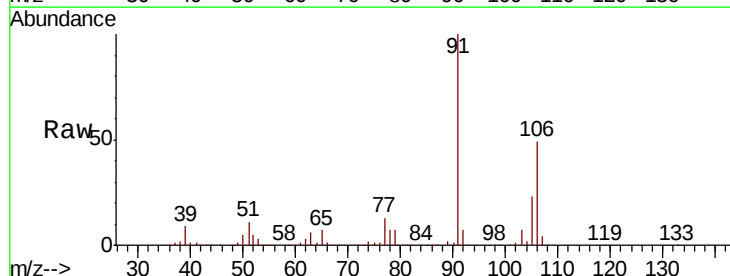
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

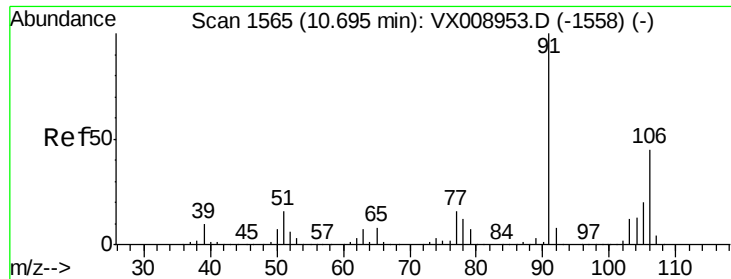
Tot Ion: 91 Resp: 238112
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 39.233 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion: 106 Resp: 169433
Ion Ratio Lower Upper
106 100
91 209.2 165.4 248.2

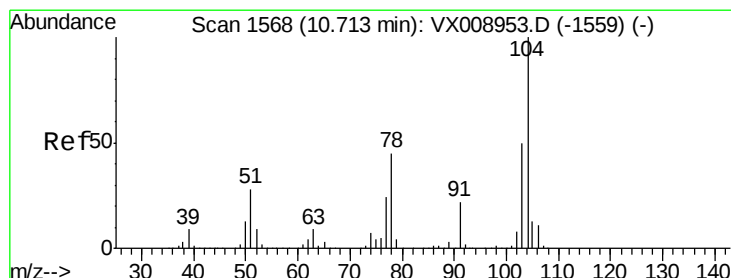
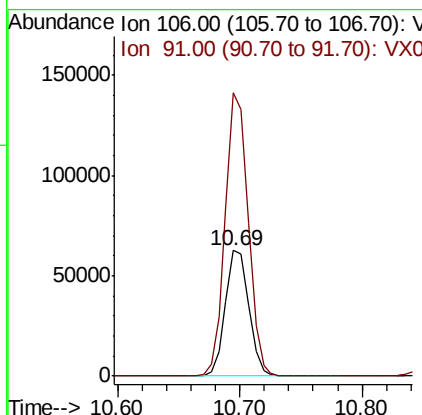
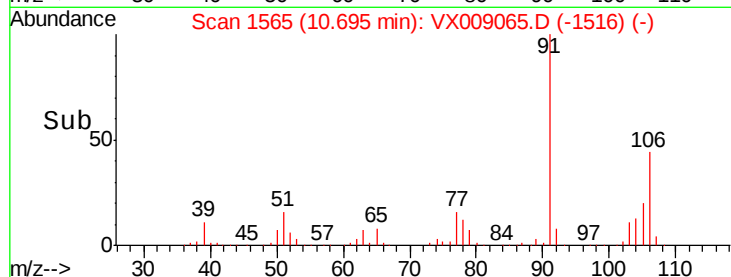
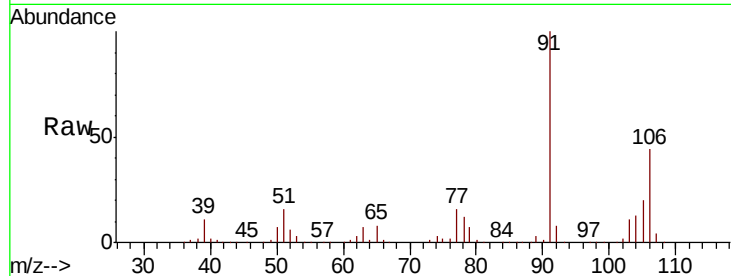




#69
o-Xylene
Concen: 19.854 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

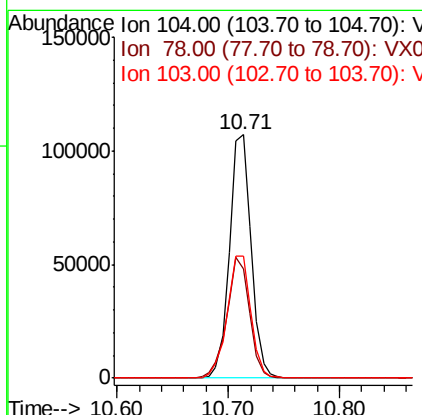
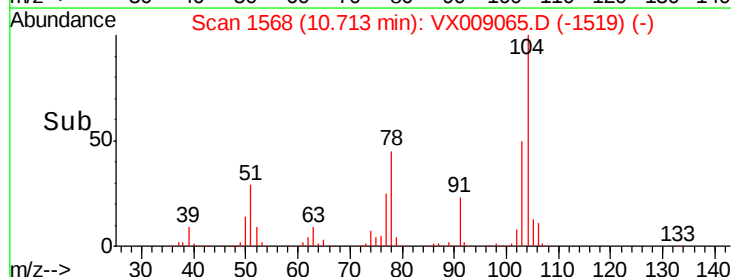
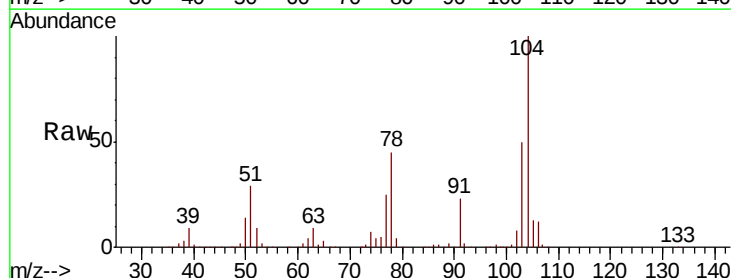
Instrument :
MSVOA_X
ClientSampleId :
VX0419WBS01

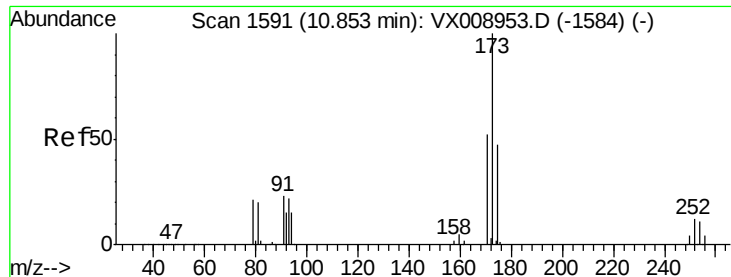
Tot Ion:106 Resp: 83427
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.7



#70
Styrene
Concen: 19.785 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009065.D
Acq: 19 Apr 2019 13:10

Tgt Ion:104 Resp: 144073
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.0 43.9 65.9





#71

Bromoform

Concen: 19.865 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

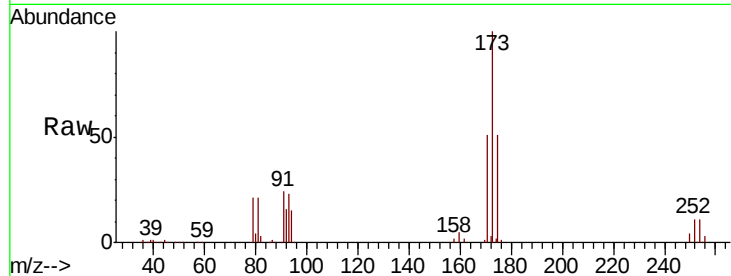
Tot Ion:173 Resp: 36242

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.8

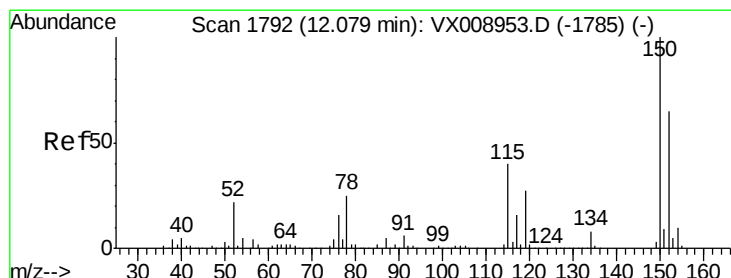
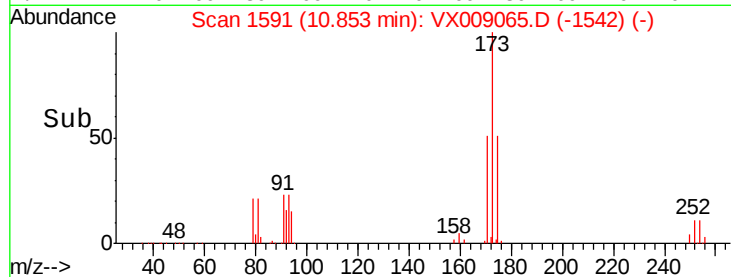
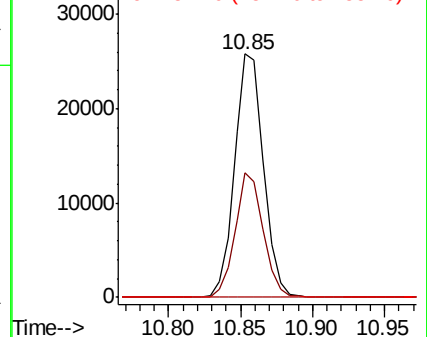
254 0.1 0.2 0.4#



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: VX009065.D

Acq: 19 Apr 2019 13:10

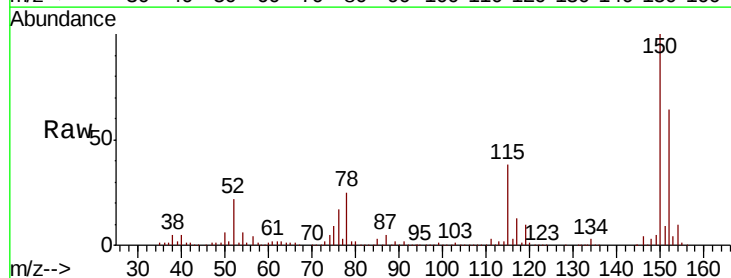
Tgt Ion:152 Resp: 140702

Ion Ratio Lower Upper

152 100

115 69.7 41.4 124.2

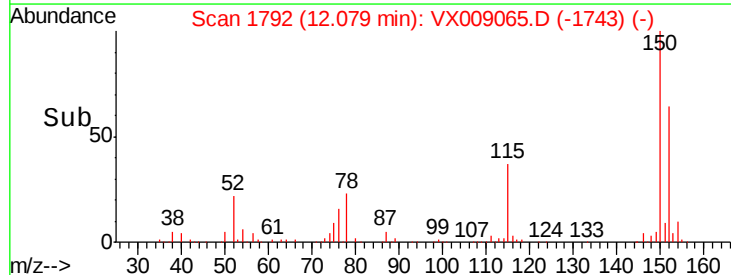
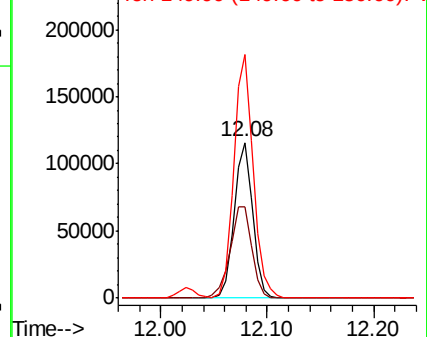
150 163.9 0.0 349.8

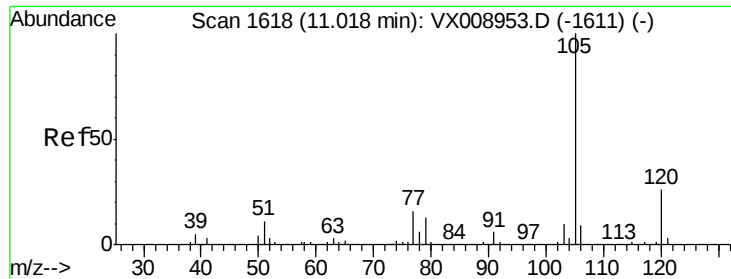


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.148 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

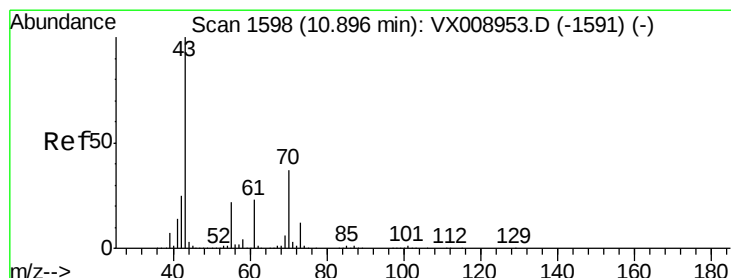
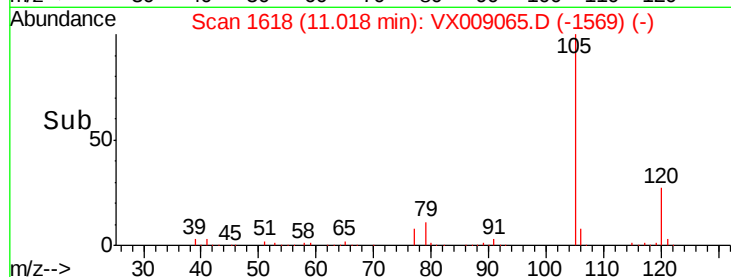
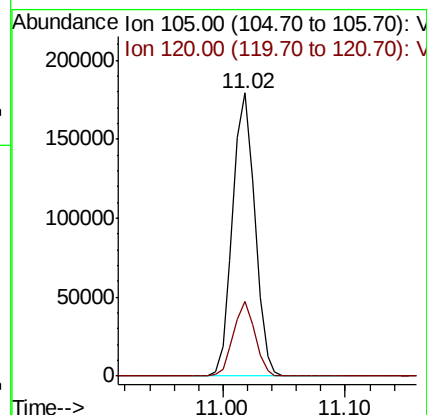
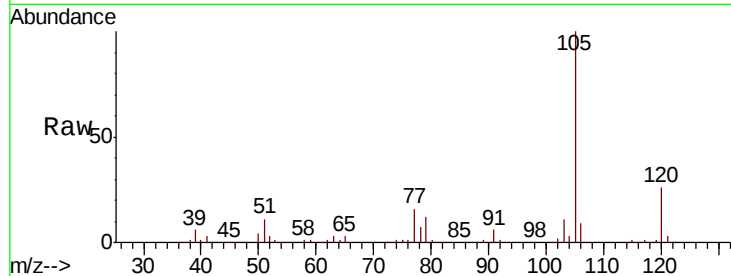
VX0419WBS01

Tot Ion:105 Resp: 225545

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



#74

N-ethyl acetate

Concen: 22.136 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Tgt Ion: 43 Resp: 135552

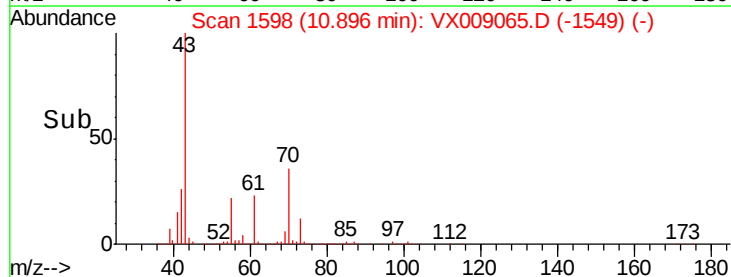
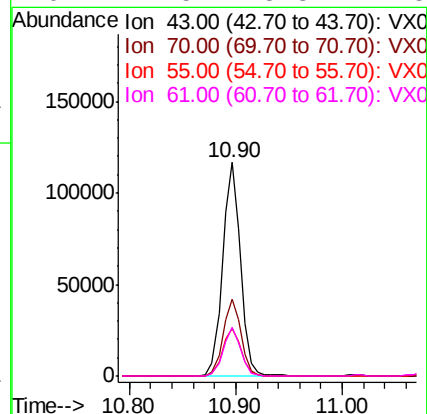
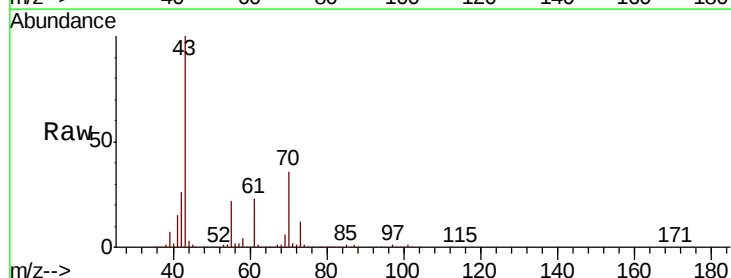
Ion Ratio Lower Upper

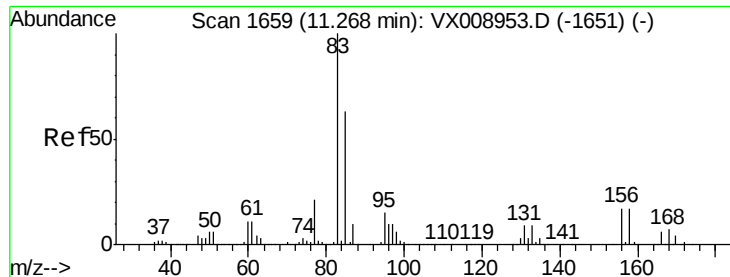
43 100

70 36.4 29.9 44.9

55 23.1 17.8 26.8

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.854 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

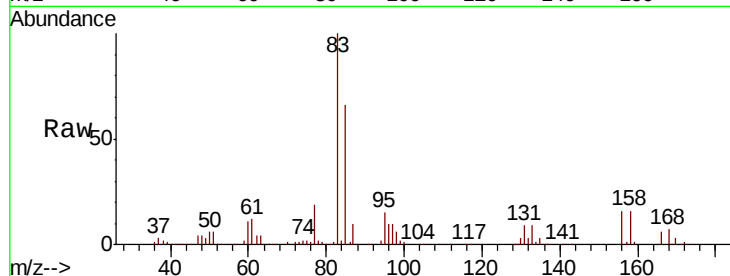
Tot Ion: 83 Resp: 85160

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

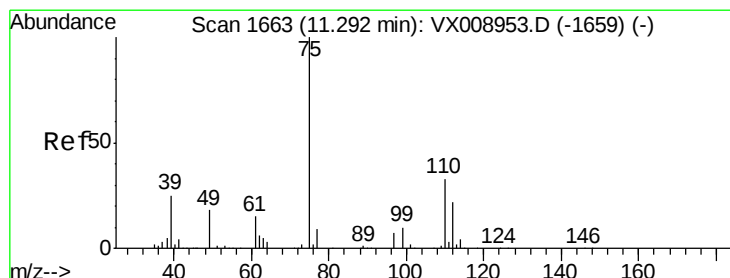
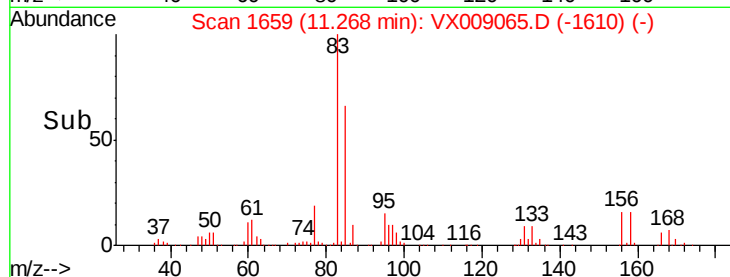
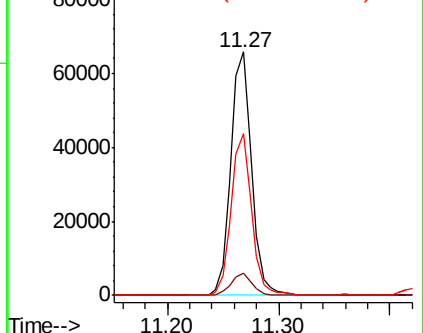
85 65.4 31.9 95.9



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: 28.556 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009065.D

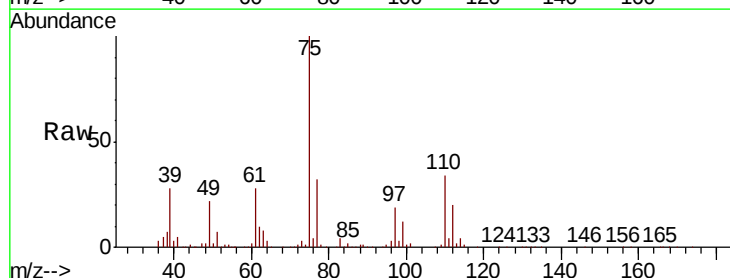
Acq: 19 Apr 2019 13:10

Tgt Ion: 75 Resp: 98110

Ion Ratio Lower Upper

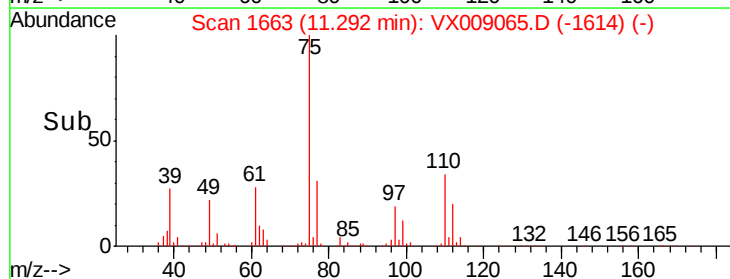
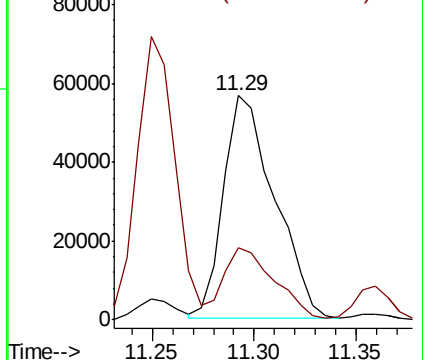
75 100

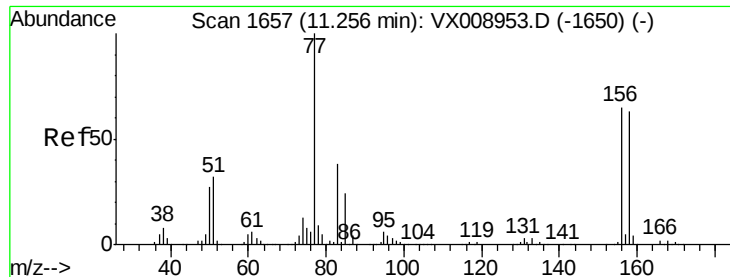
77 32.4 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.935 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

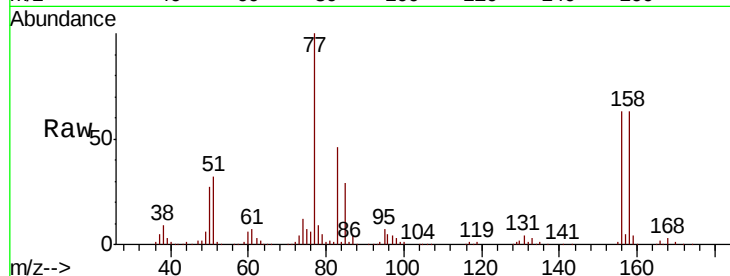
MSVOA_X

ClientSampleId :

VX0419WBS01

Tot Ion:156 Resp: 53643

Ion	Ratio	Lower	Upper
156	100		
77	173.4	85.4	256.1
158	98.0	48.8	146.4

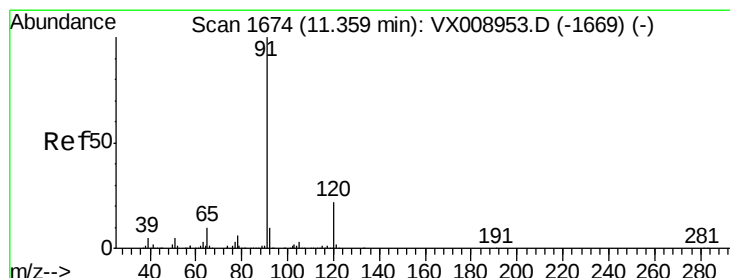
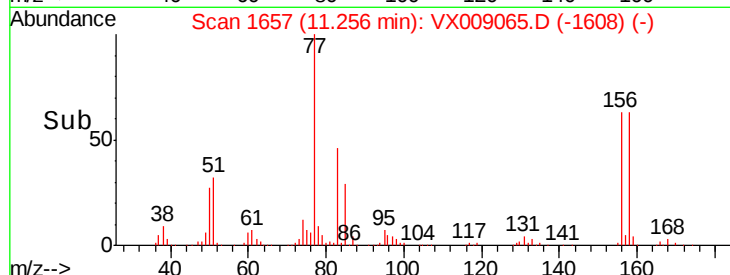
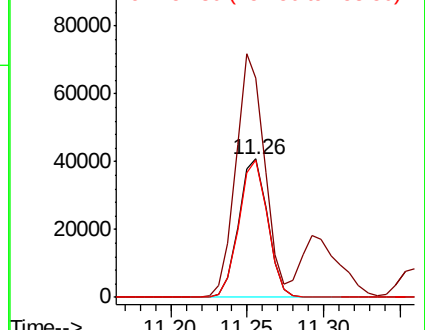


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.824 ug/l

RT: 11.36 min Scan# 1674

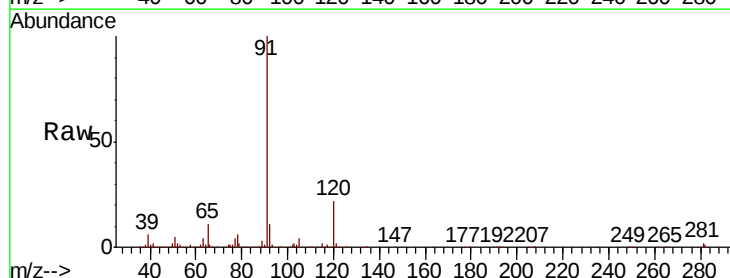
Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Tgt Ion: 91 Resp: 254908

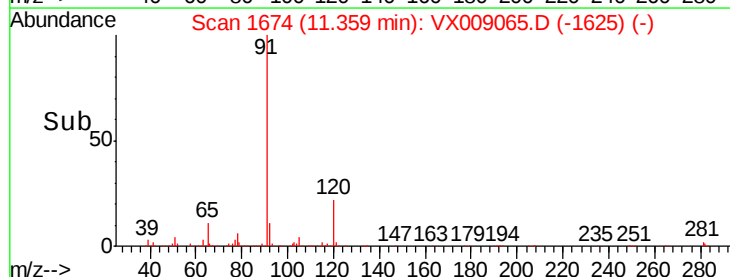
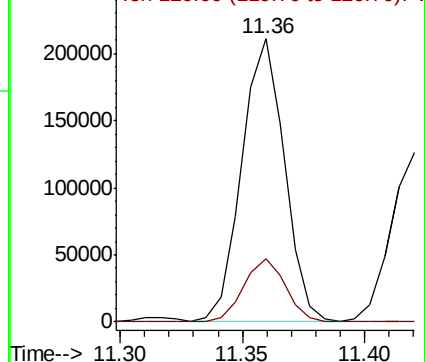
Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.9

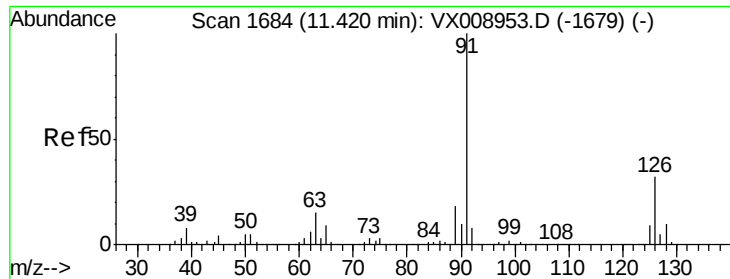


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

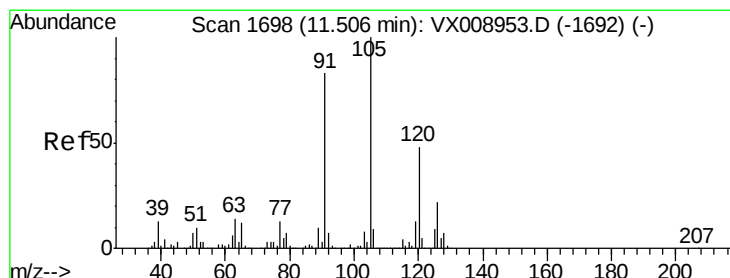
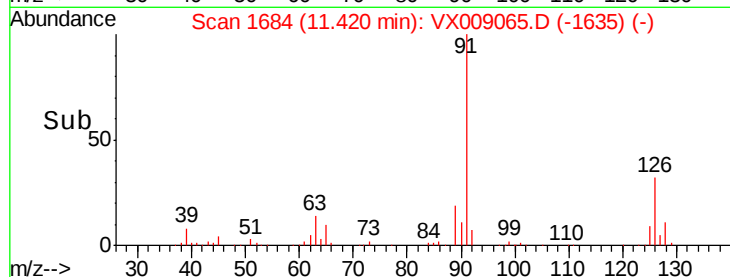
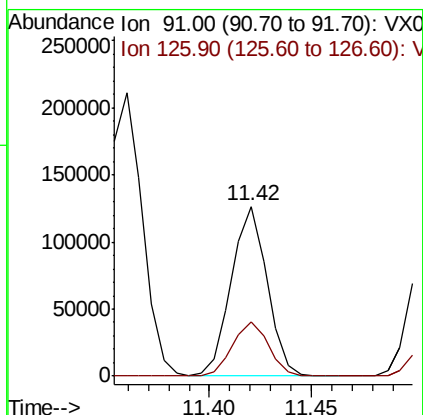
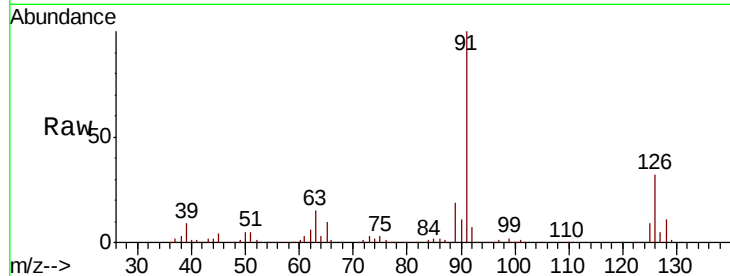




#79
 2-Chlorotoluene
 Concen: 20.652 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

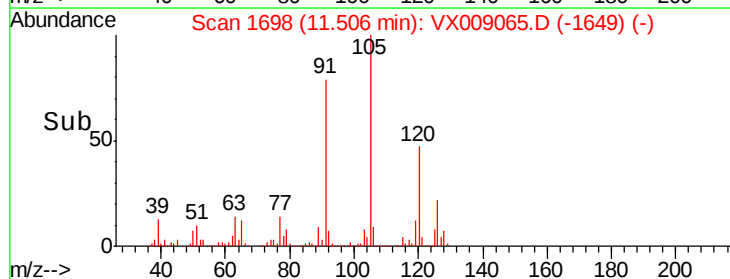
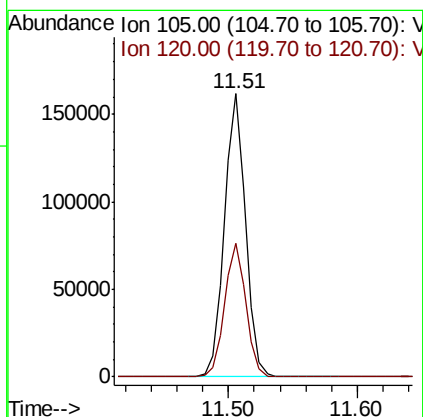
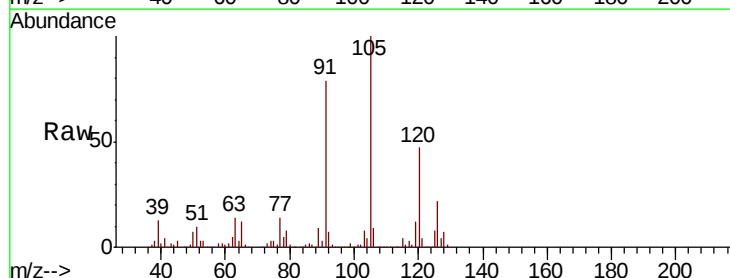
Instrument :
 MSVOA_X
 ClientSampled :
 VX0419WBS01

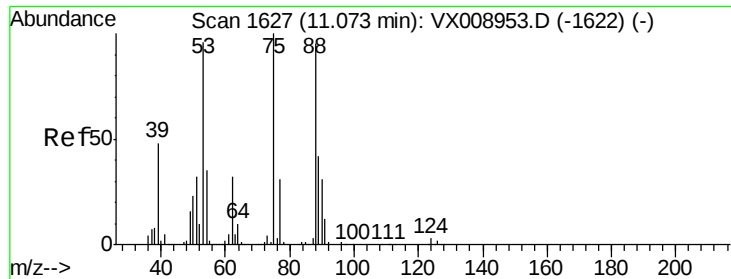
Tot Ion: 91 Resp: 152337
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.877 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion:105 Resp: 186842
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.555 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

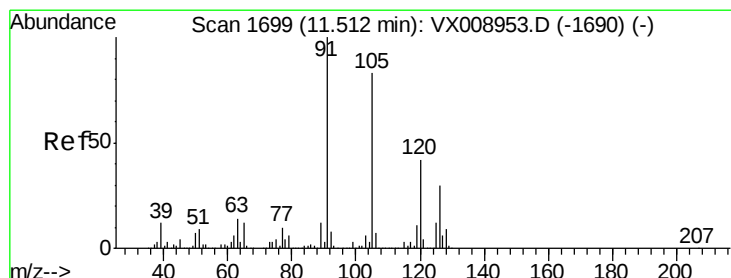
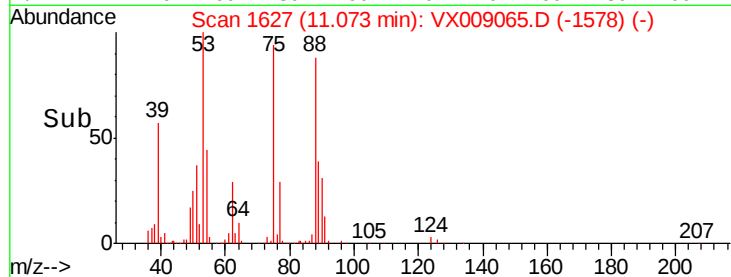
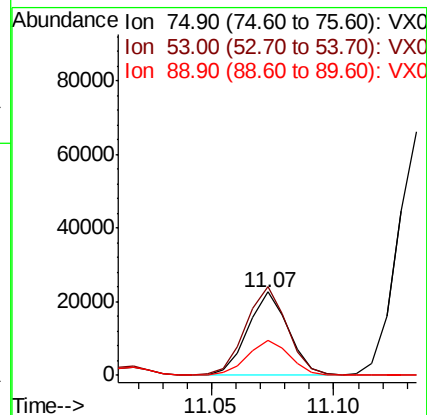
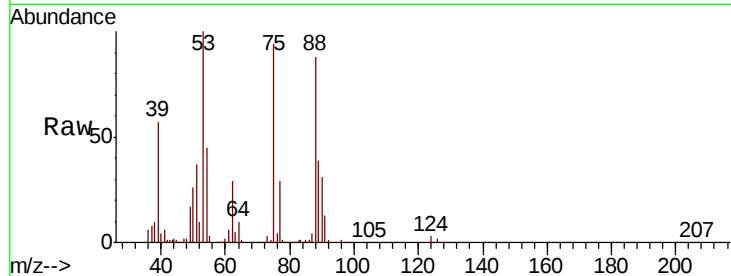
Tot Ion: 75 Resp: 26170

Ion Ratio Lower Upper

75 100

53 108.3 78.2 117.4

89 44.1 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.114 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009065.D

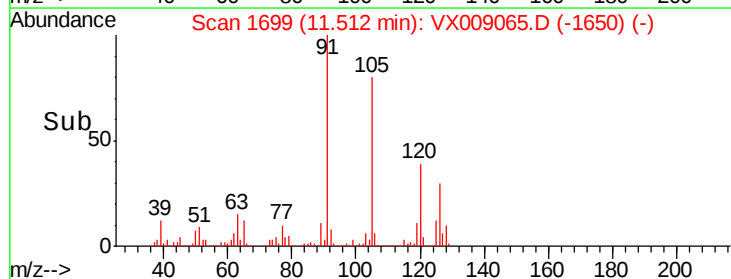
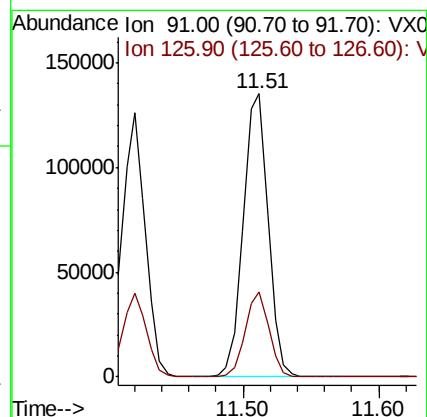
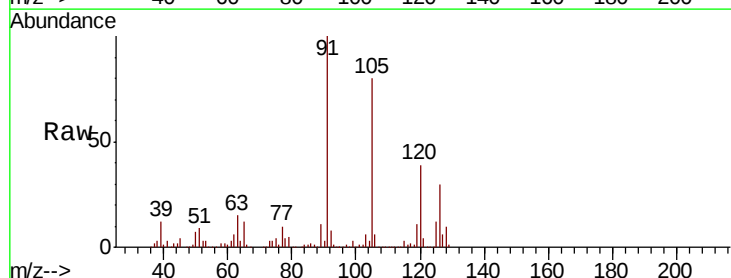
Acq: 19 Apr 2019 13:10

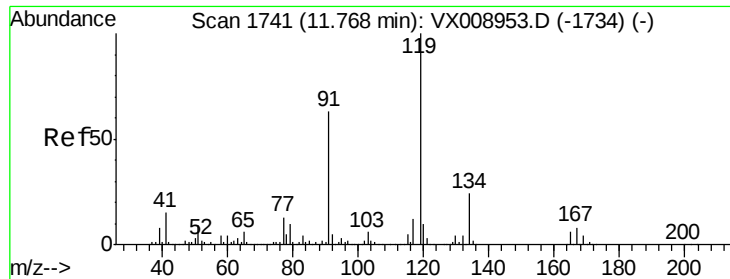
Tgt Ion: 91 Resp: 172311

Ion Ratio Lower Upper

91 100

126 28.5 14.3 42.9

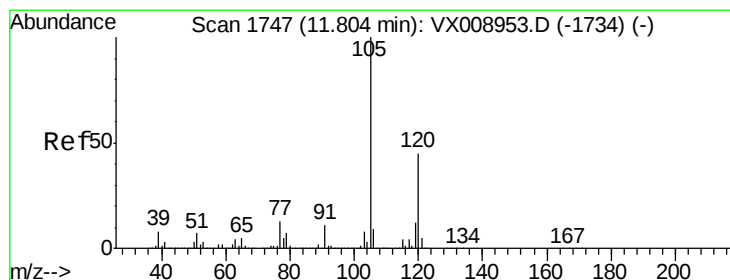
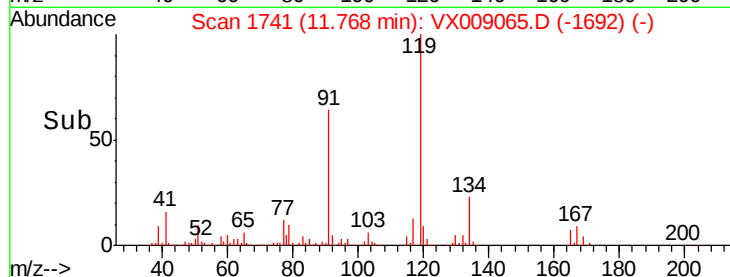
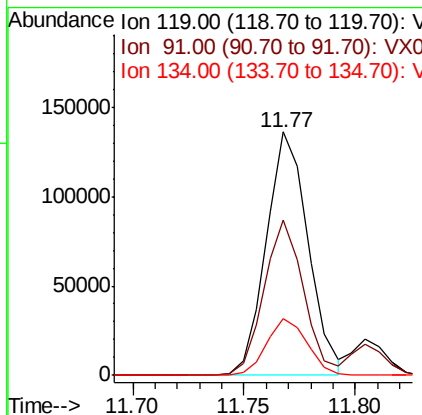
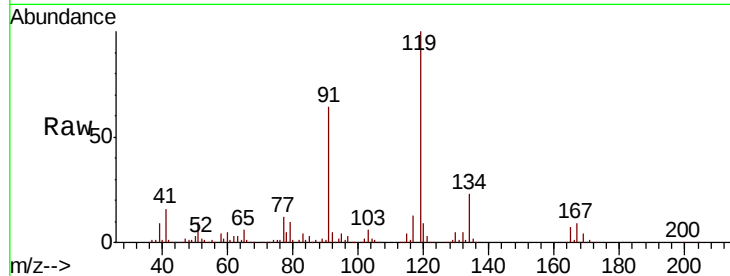




#83
 tert-Butylbenzene
 Concen: 20.656 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

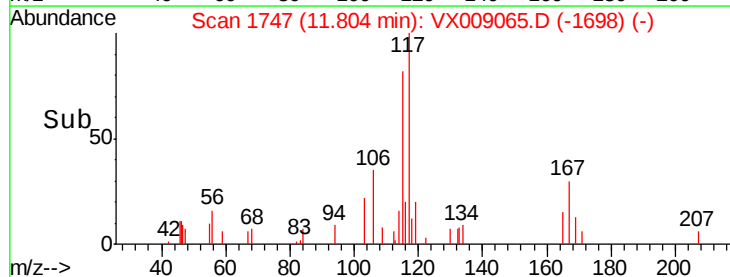
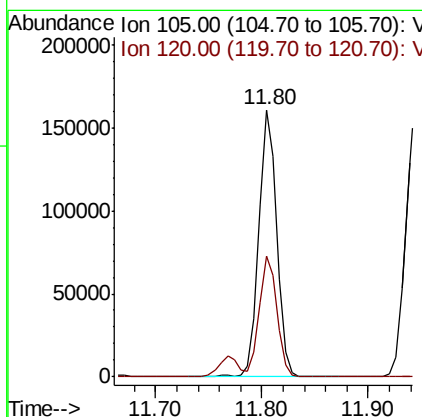
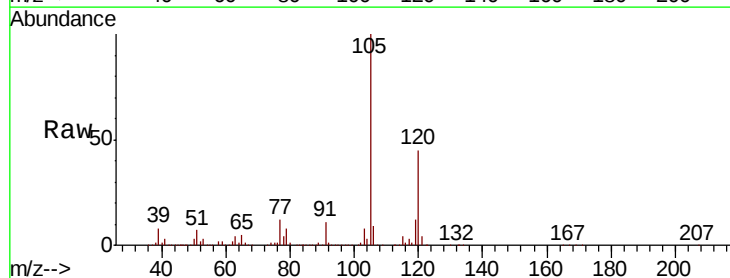
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

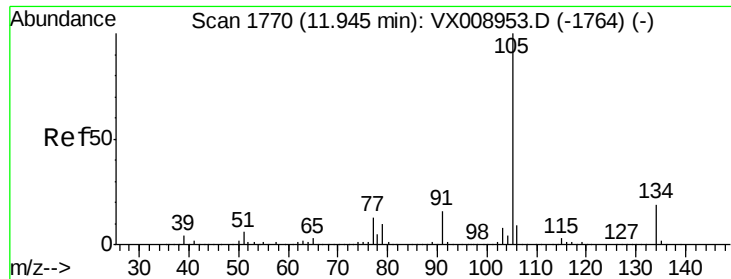
Tot Ion:119 Resp: 177482
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.7 89.1
 134 22.7 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.916 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion:105 Resp: 190549
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.8





#85

sec-Butylbenzene

Concen: 20.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

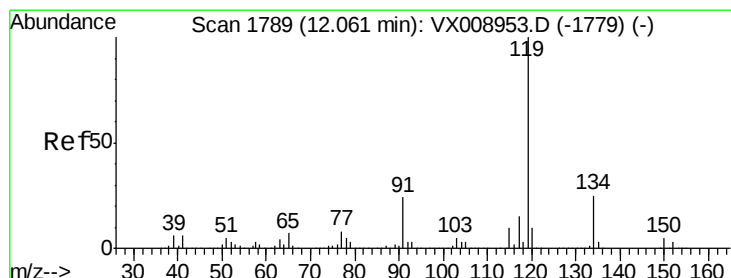
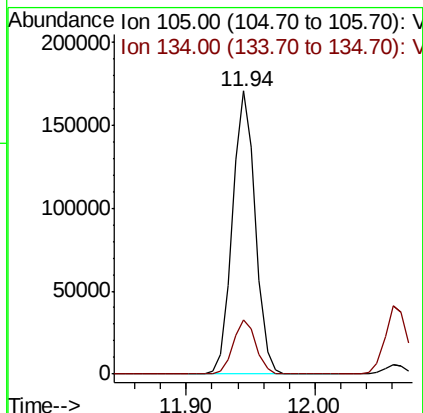
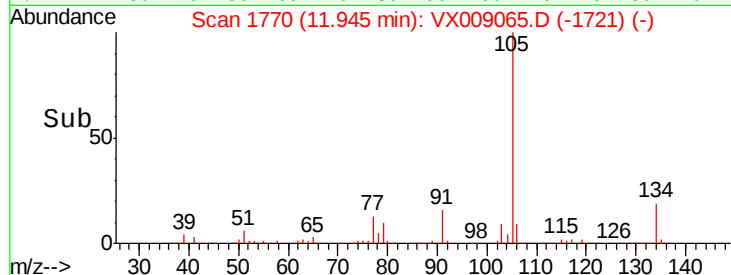
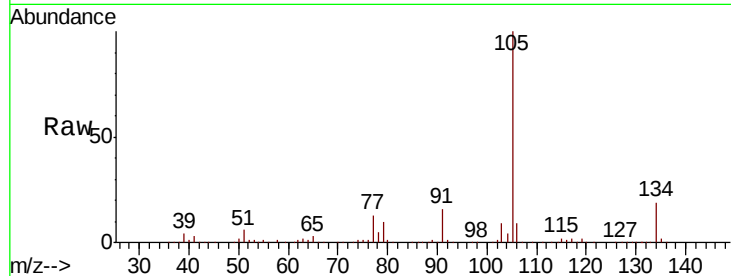
VX0419WBS01

Tot Ion:105 Resp: 210670

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 20.478 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

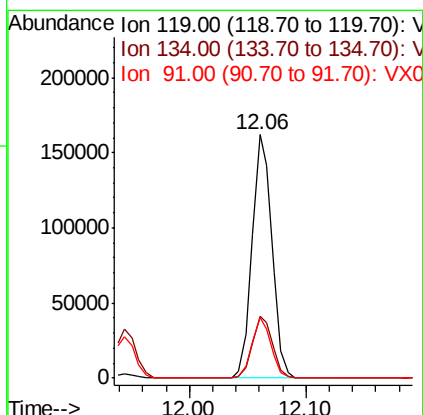
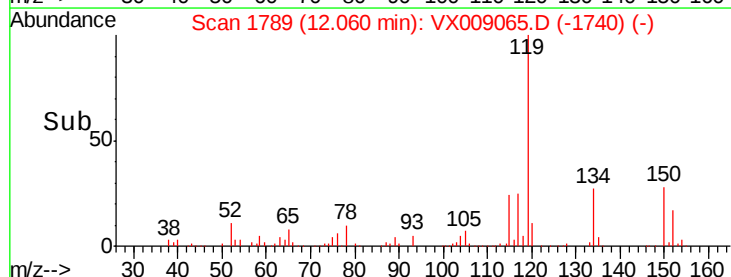
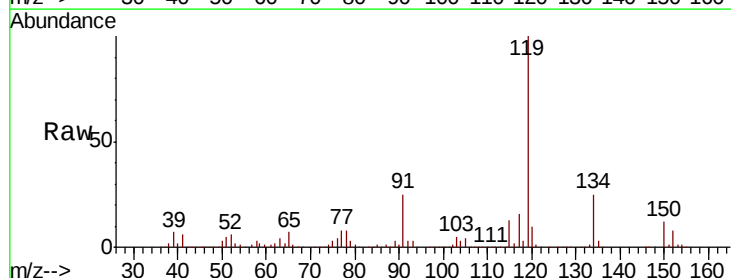
Tgt Ion:119 Resp: 192942

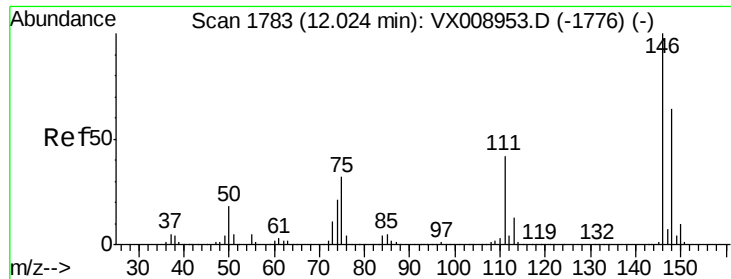
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.1 11.9 35.5

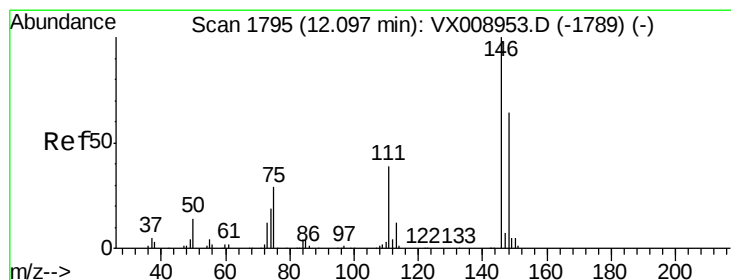
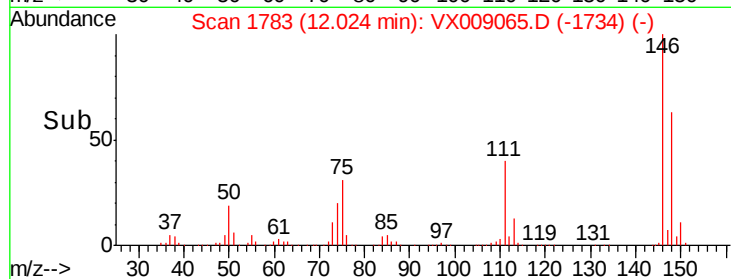
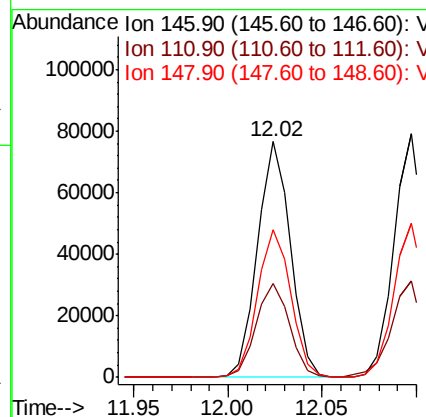
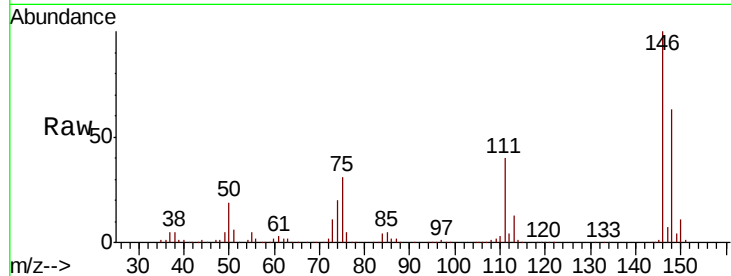




#87
 1,3-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

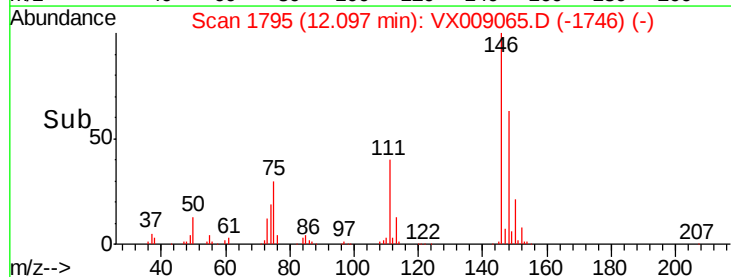
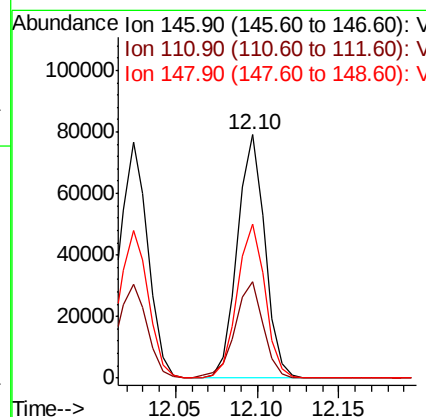
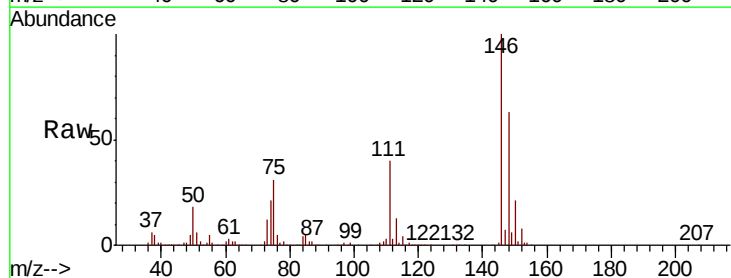
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0419WBS01

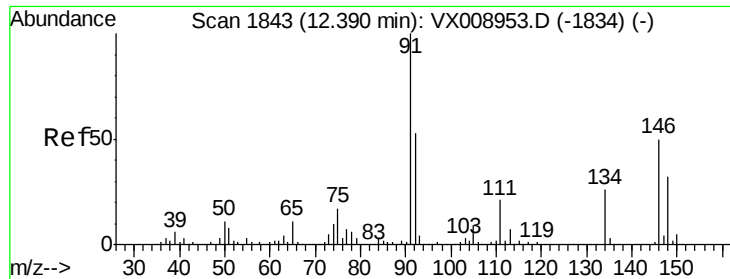
Tot Ion:146 Resp: 92830
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.441 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009065.D
 Acq: 19 Apr 2019 13:10

Tgt Ion:146 Resp: 92815
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 59.9
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 20.046 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

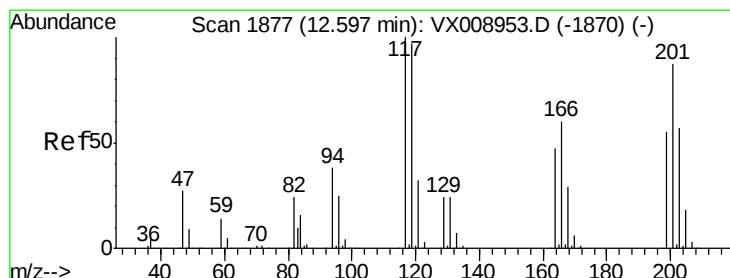
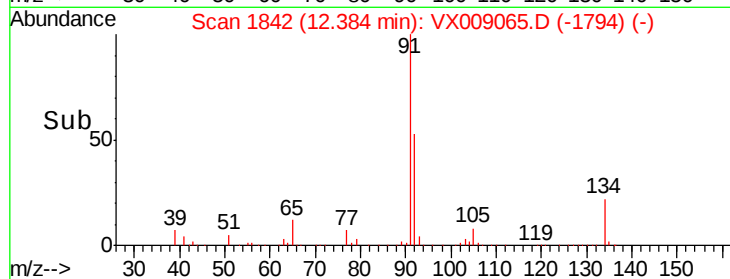
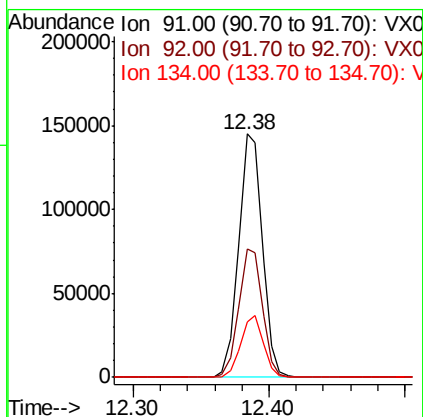
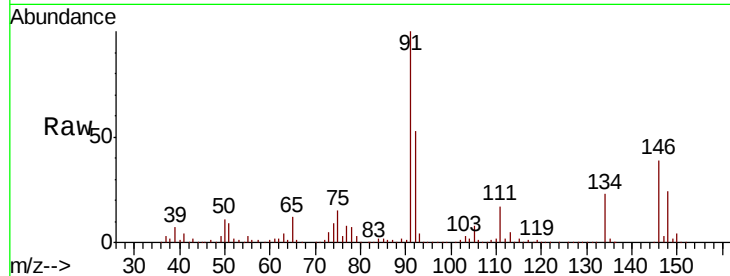
Tot Ion: 91 Resp: 175896

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 24.3 12.4 37.2



#90

Hexachloroethane

Concen: 20.567 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009065.D

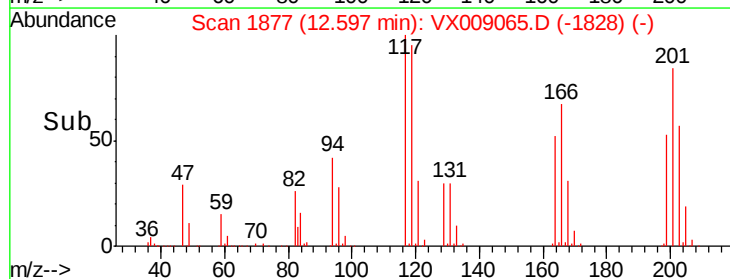
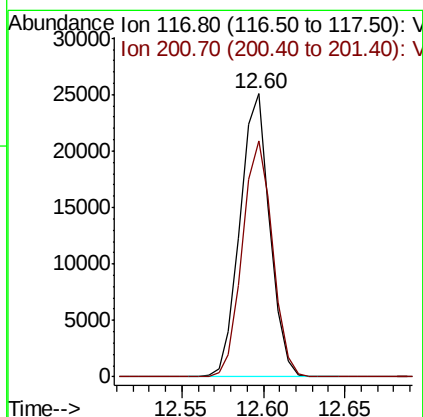
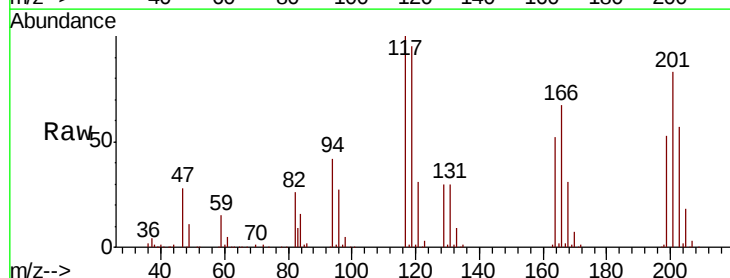
Acq: 19 Apr 2019 13:10

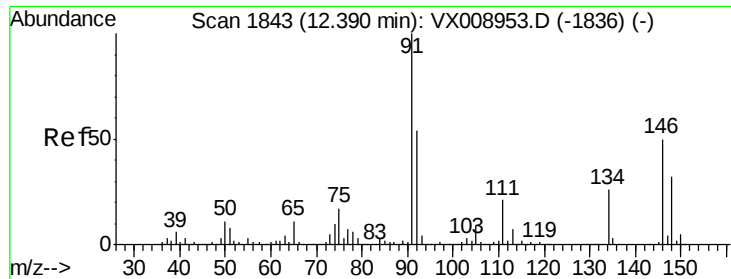
Tgt Ion: 117 Resp: 31965

Ion Ratio Lower Upper

117 100

201 84.3 43.0 129.0





#91

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

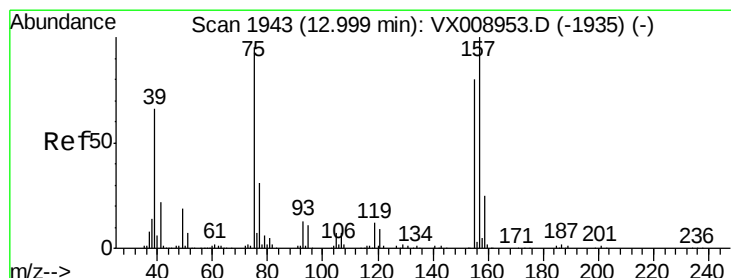
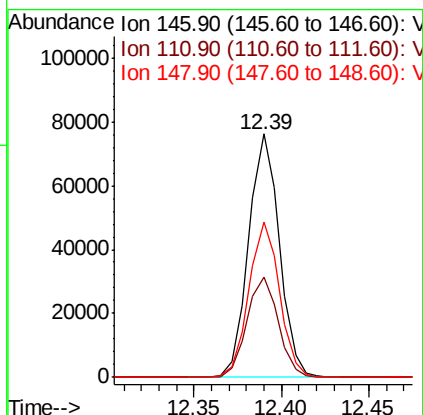
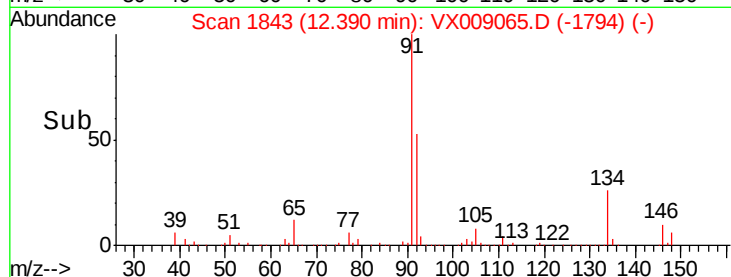
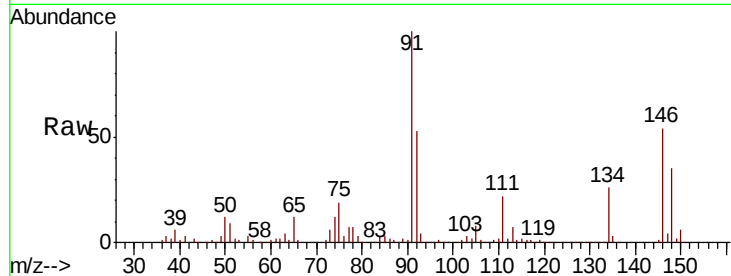
Tot Ion:146 Resp: 92893

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.222 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

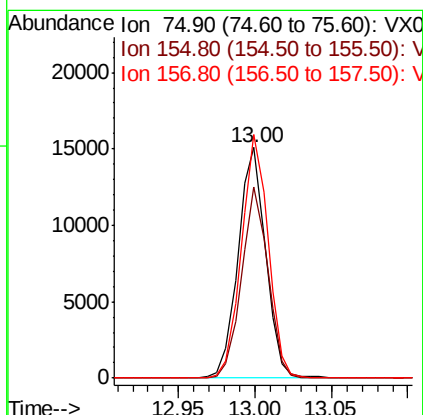
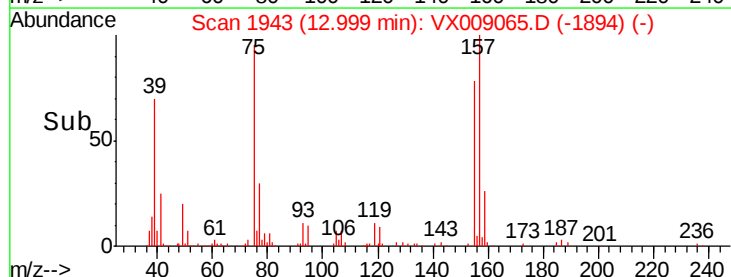
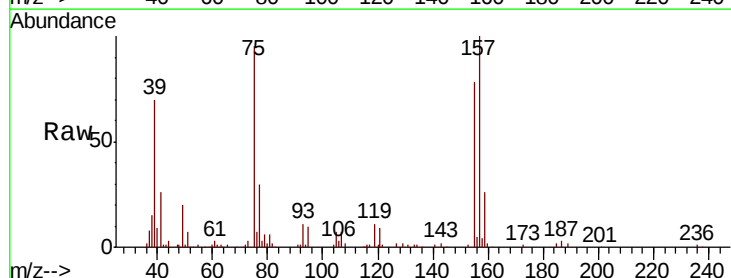
Tgt Ion: 75 Resp: 18829

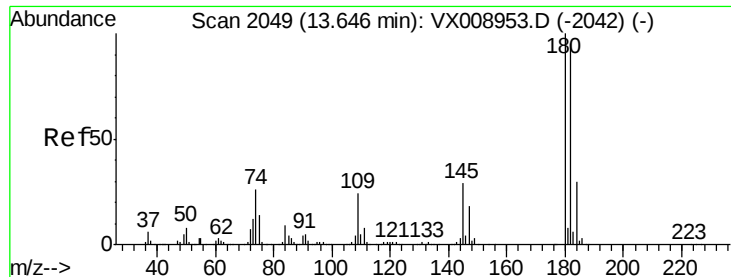
Ion Ratio Lower Upper

75 100

155 79.3 41.2 123.6

157 102.5 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 18.821 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

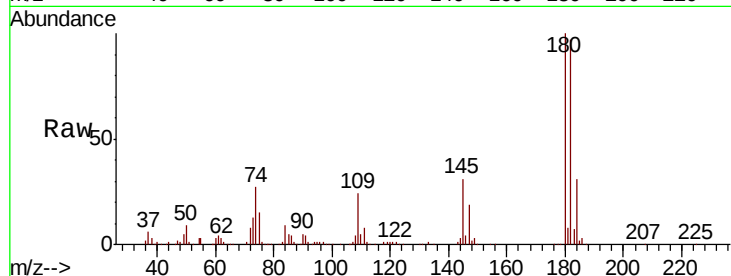
Tot Ion:180 Resp: 63186

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

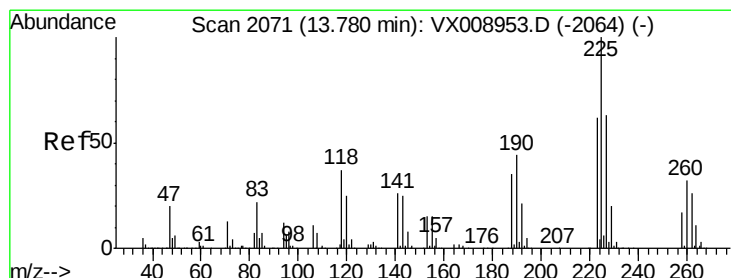
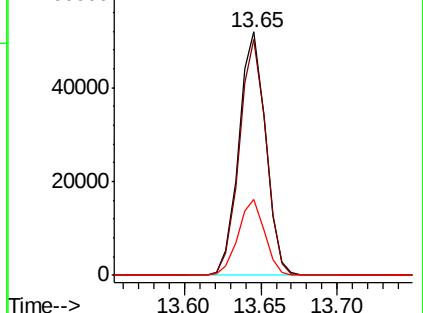
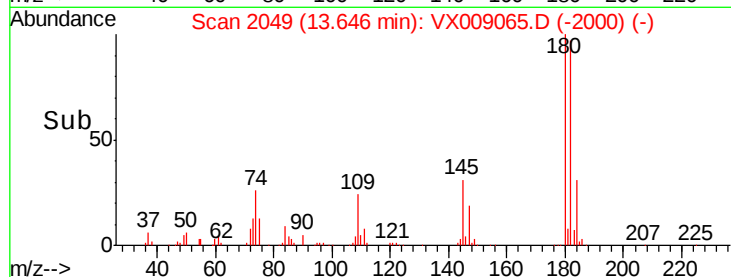
145 30.6 14.8 44.4



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: 19.632 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

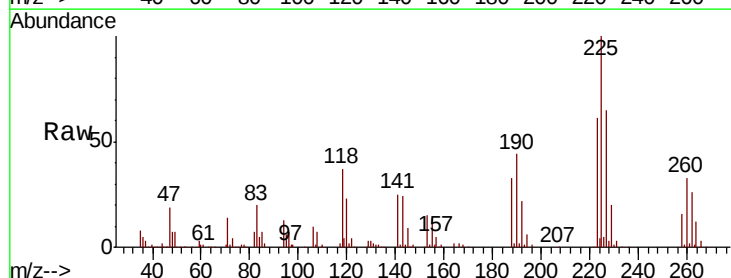
Tgt Ion:225 Resp: 32872

Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

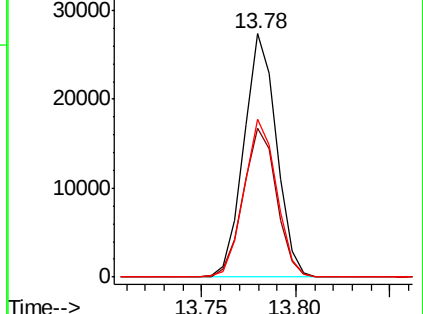
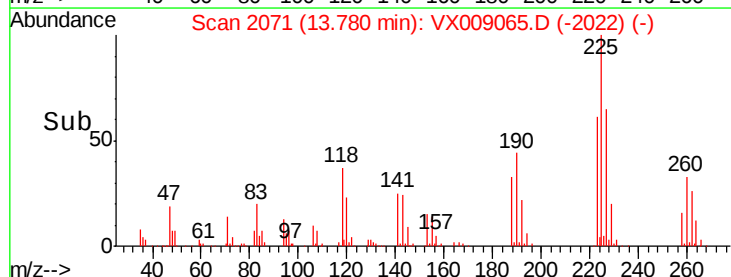
227 64.6 32.0 96.2

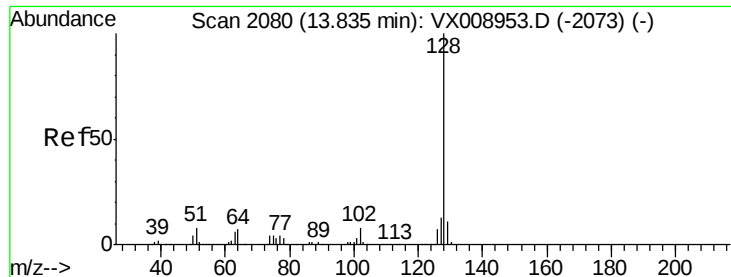


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.488 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VX0419WBS01

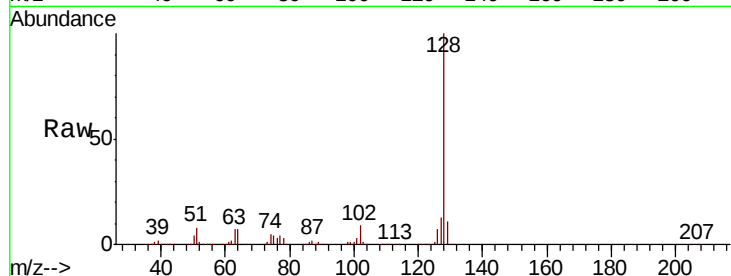
Tot Ion:128 Resp: 220360

Ion Ratio Lower Upper

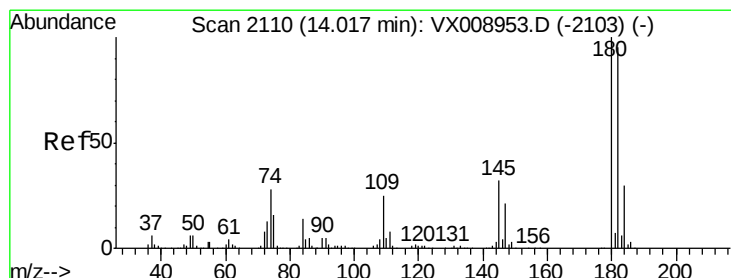
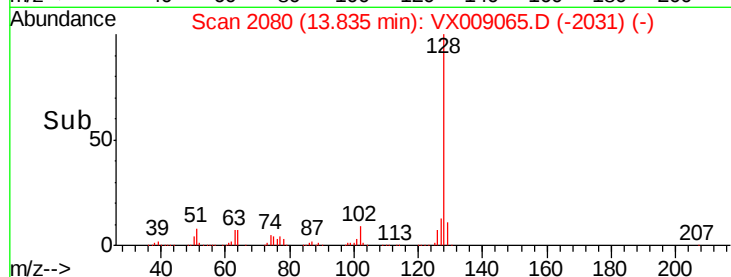
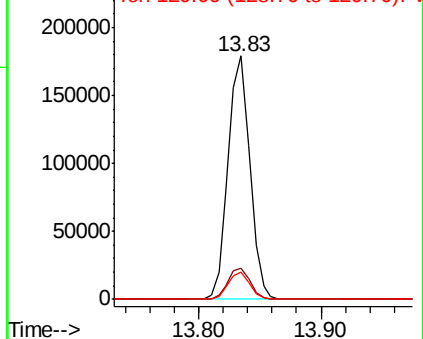
128 100

127 13.3 10.6 16.0

129 11.0 8.6 13.0



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: 19.671 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009065.D

Acq: 19 Apr 2019 13:10

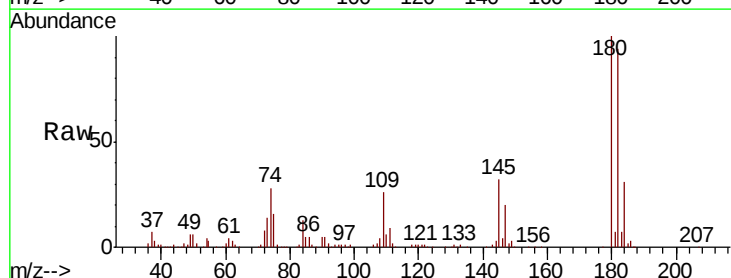
Tgt Ion:180 Resp: 65158

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.4

145 31.4 15.8 47.3



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

