

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009467.D
 Acq On : 10 May 2019 07:19
 Operator : JC/SP
 Sample : K2782-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 09:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111066	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.50	113	81900	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.71	98	327438	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	119852	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69800	49.034	ug/l	99
3) Chloromethane	1.32	50	103850	53.436	ug/l	100
4) Vinyl Chloride	1.41	62	102586	54.132	ug/l	98
5) Bromomethane	1.64	94	57873	50.879	ug/l	98
6) Chloroethane	1.71	64	66566	54.709	ug/l	99
7) Trichlorofluoromethane	1.93	101	128560	55.809	ug/l	98
8) Diethyl Ether	2.19	74	59525	54.552	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76736	53.046	ug/l	99
10) Methyl Iodide	2.51	142	92838	54.754	ug/l	99
11) Tert butyl alcohol	3.05	59	121776	249.479	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79547	54.883	ug/l	98
13) Acrolein	2.29	56	110796	250.636	ug/l	99
14) Allyl chloride	2.73	41	180783	51.181	ug/l	99
15) Acrylonitrile	3.14	53	321080	269.025	ug/l	99
16) Acetone	2.44	43	272653	240.793	ug/l	97
17) Carbon Disulfide	2.57	76	230505	56.645	ug/l	100
18) Methyl Acetate	2.77	43	121334	45.058	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304320	54.069	ug/l	100
20) Methylene Chloride	2.85	84	96227	52.486	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	86174	54.822	ug/l	99
22) Diisopropyl ether	3.85	45	366947	54.020	ug/l	99
23) Vinyl Acetate	3.81	43	1490383	256.221	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180611	53.898	ug/l	99
25) 2-Butanone	4.67	43	466469	265.103	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85922	34.448	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	102841	54.813	ug/l	94
28) Bromochloromethane	5.02	49	69494	51.606	ug/l	99
29) Tetrahydrofuran	5.13	42	310874	274.556	ug/l	99
30) Chloroform	5.21	83	166318	54.877	ug/l	99
31) Cyclohexane	5.58	56	173298	55.586	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137630	54.551	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125933	53.372	ug/l	100
37) Ethyl Acetate	4.83	43	162071	49.299	ug/l	99
38) Carbon Tetrachloride	5.79	117	115436	53.847	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151920	52.427	ug/l	99
40) Benzene	6.14	78	394330	54.001	ug/l	99
41) Methacrylonitrile	5.04	41	102483	52.368	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141440	53.996	ug/l	100
43) Isopropyl Acetate	6.45	43	266700	50.717	ug/l	100
44) Trichloroethene	7.21	130	93304	52.853	ug/l	100
45) 1,2-Dichloropropane	7.51	63	110466	53.424	ug/l	96
46) Dibromomethane	7.66	93	63307	52.723	ug/l	97
47) Bromodichloromethane	7.90	83	128463	53.634	ug/l	98
48) Methyl methacrylate	7.77	41	142909	54.777	ug/l	98
49) 1,4-Dioxane	7.74	88	48628	919.102	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	929131	270.323	ug/l	100
52) Toluene	8.78	92	240108	54.092	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138648	51.272	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152321	50.891	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97207	53.678	ug/l	98
56) Ethyl methacrylate	9.18	69	175597	54.320	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172598	54.160	ug/l	100
59) 2-Hexanone	9.49	43	724378	268.342	ug/l	99
60) Dibromochloromethane	9.58	129	96874	54.771	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99390	54.370	ug/l	99
64) Tetrachloroethene	9.34	164	80526	50.596	ug/l	100
65) Chlorobenzene	10.13	112	247124	53.244	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90918	54.031	ug/l	99
67) Ethyl Benzene	10.25	91	459006	53.736	ug/l	100
68) m/p-Xylenes	10.36	106	338212	108.350	ug/l	100
69) o-Xylene	10.69	106	165081	53.601	ug/l	99
70) Styrene	10.71	104	288384	53.874	ug/l	100
71) Bromoform	10.85	173	73729	53.917	ug/l #	99
73) Isopropylbenzene	11.02	105	436738	51.923	ug/l	99
74) N-amyl acetate	10.90	43	235358	47.995	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162620	51.863	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	182835	68.144	ug/l	81
77) Bromobenzene	11.26	156	110313	52.839	ug/l	98
78) n-propylbenzene	11.36	91	500273	52.079	ug/l	99
79) 2-Chlorotoluene	11.42	91	299812	50.589	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370560	52.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48139	45.906	ug/l	97
82) 4-Chlorotoluene	11.51	91	345217	51.562	ug/l	100
83) tert-Butylbenzene	11.77	119	357503	51.890	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	371708	52.288	ug/l	99
85) sec-Butylbenzene	11.94	105	417631	51.129	ug/l	100
86) p-Isopropyltoluene	12.06	119	377947	51.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193406	51.967	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	192425	51.284	ug/l	99
89) n-Butylbenzene	12.38	91	334371	50.380	ug/l	100
90) Hexachloroethane	12.60	117	65042	51.991	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197401	52.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36115	51.343	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	134079	51.723	ug/l	99

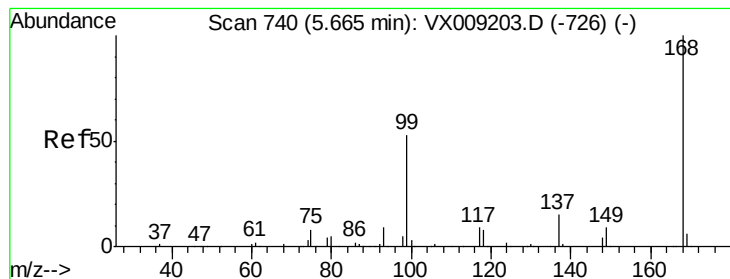
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66195	50.006	ug/l	99
95) Naphthalene	13.83	128	440835	52.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136082	51.789	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

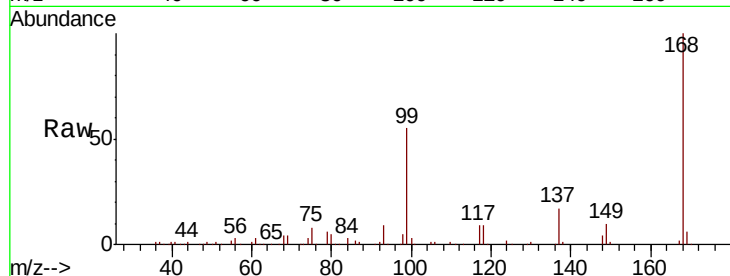
ClientSampleId :

Tot Ion:168 Resp: 154473

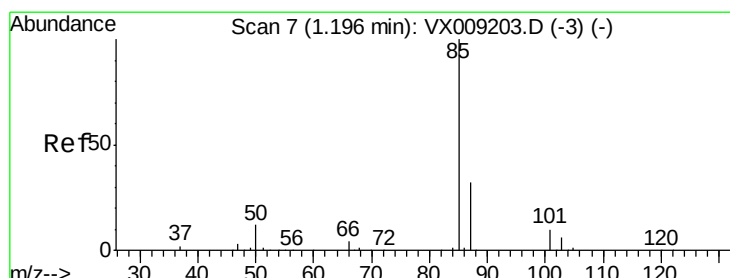
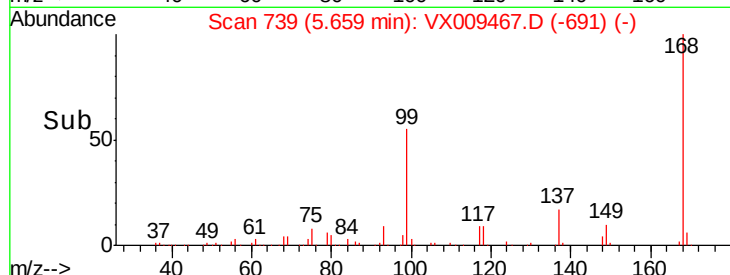
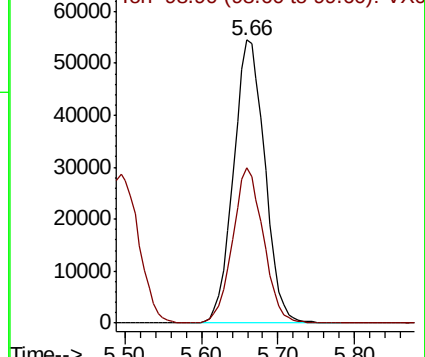
Ion Ratio Lower Upper

168 100

99 54.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009467.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 49.034 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009467.D

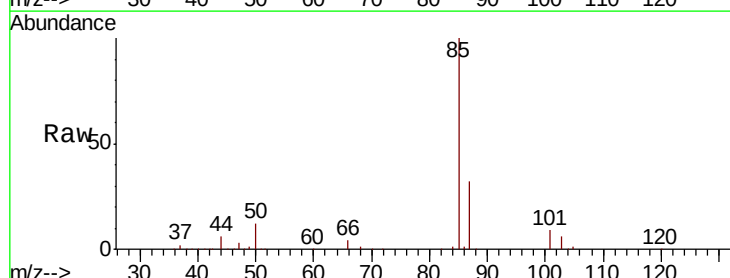
Acq: 10 May 2019 07:19

Tgt Ion: 85 Resp: 69800

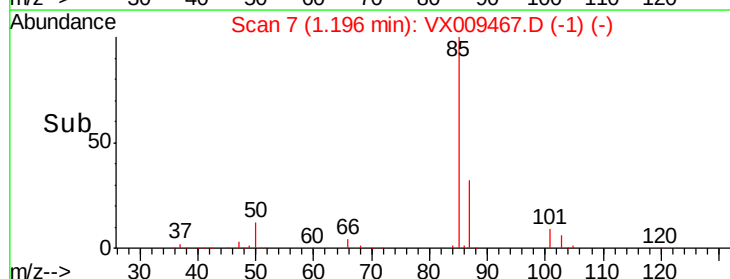
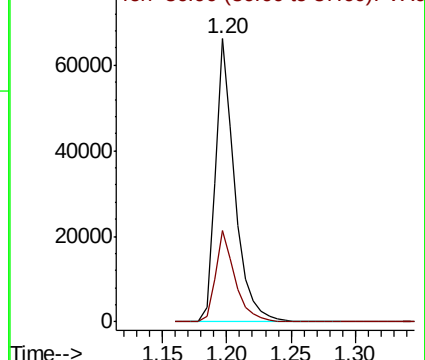
Ion Ratio Lower Upper

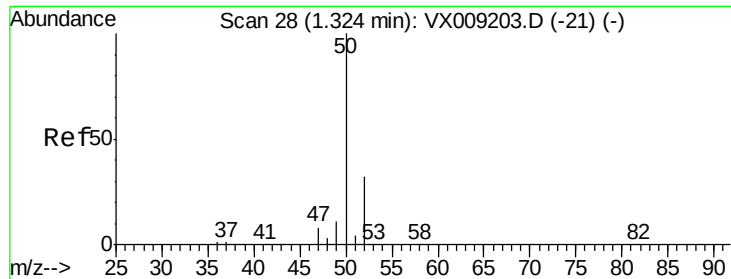
85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009467.D (-1) (-)

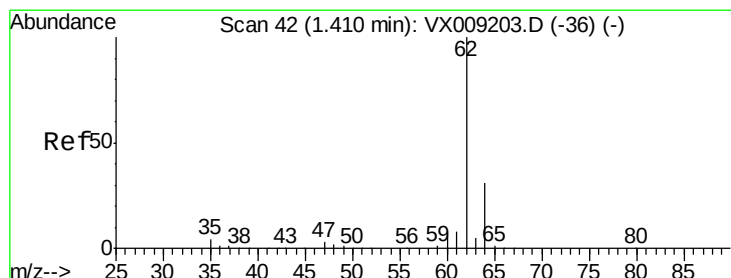
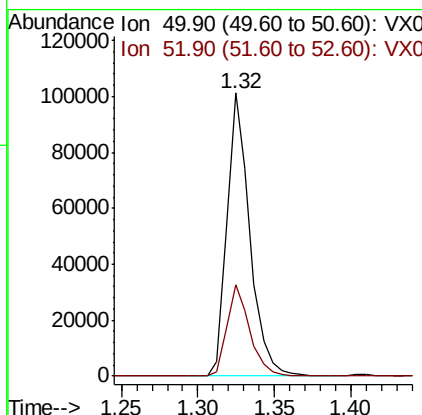
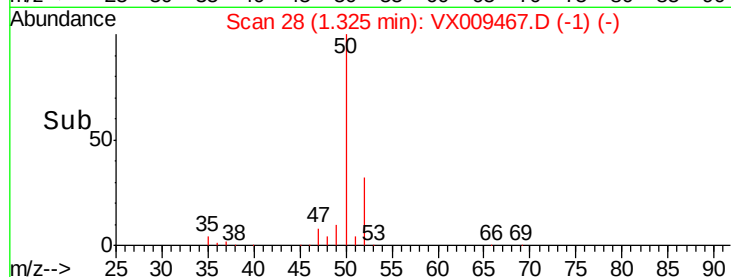
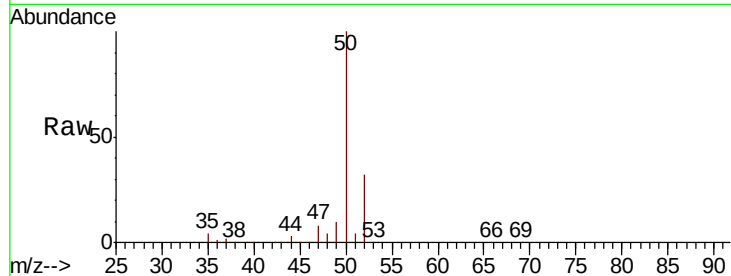




#3
Chloromethane
Concen: 53.436 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

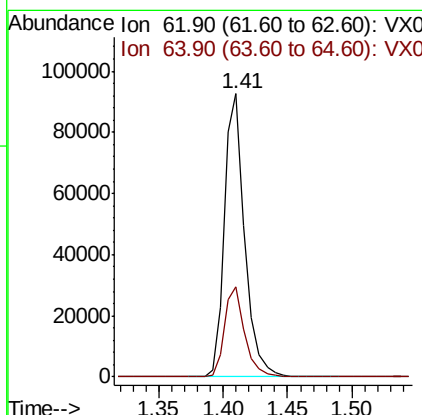
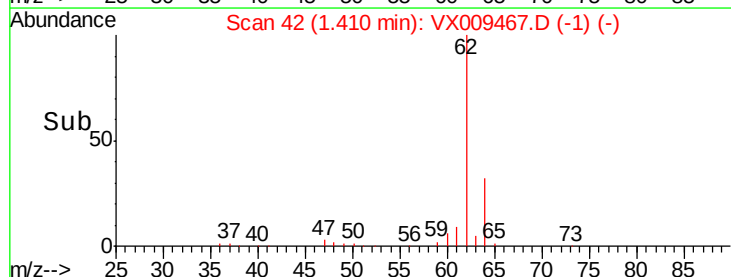
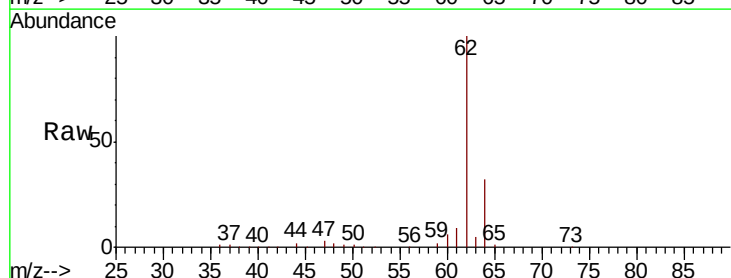
Instrument :
MSVOA_X
ClientSampleId :

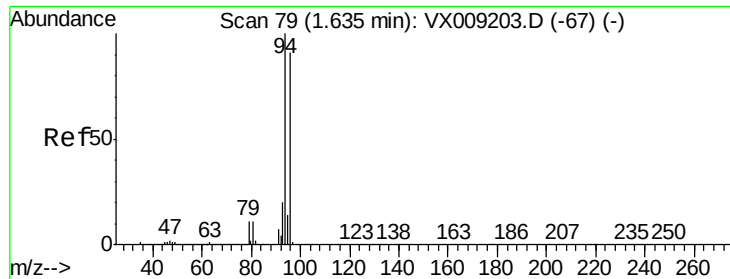
Tot Ion: 50 Resp: 103850
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 54.132 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 62 Resp: 102586
Ion Ratio Lower Upper
62 100
64 31.9 24.6 36.8





#5

Bromomethane

Concen: 50.879 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

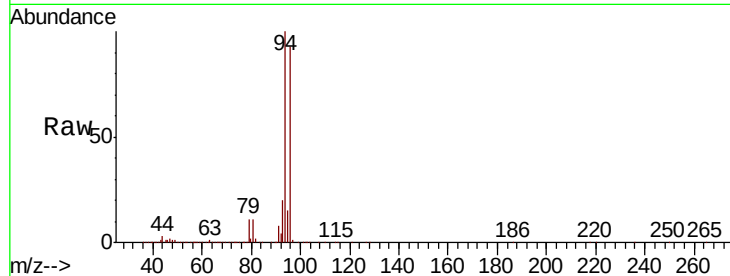
ClientSampleId :

Tot Ion: 94 Resp: 57873

Ion Ratio Lower Upper

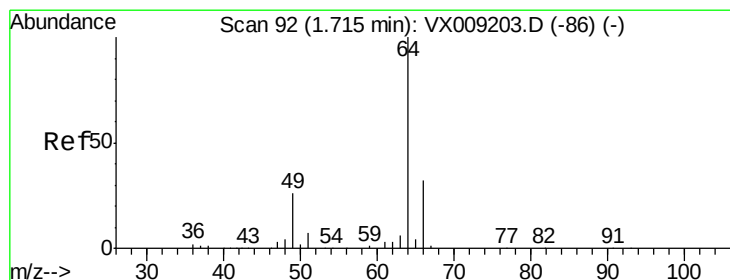
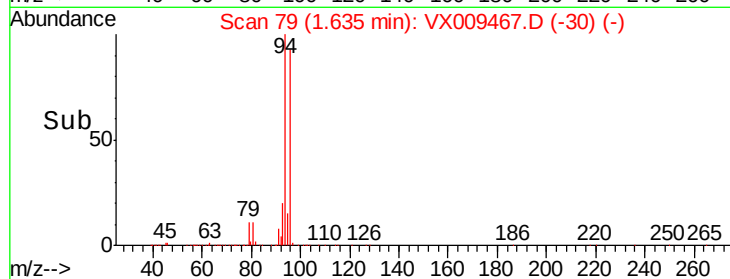
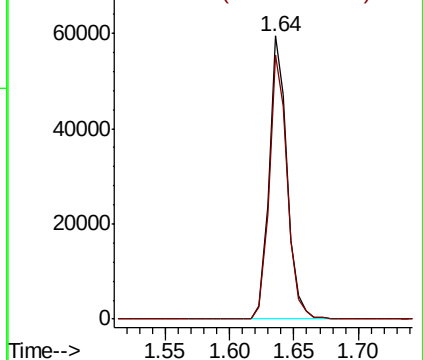
94 100

96 93.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.709 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009467.D

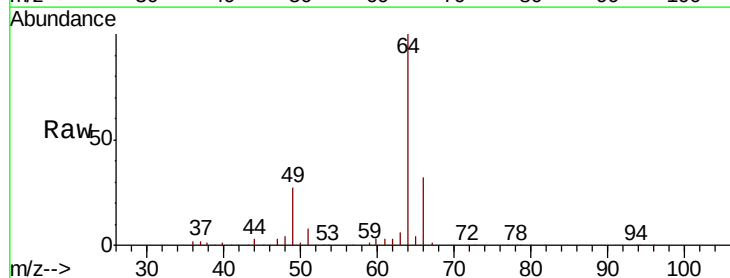
Acq: 10 May 2019 07:19

Tgt Ion: 64 Resp: 66566

Ion Ratio Lower Upper

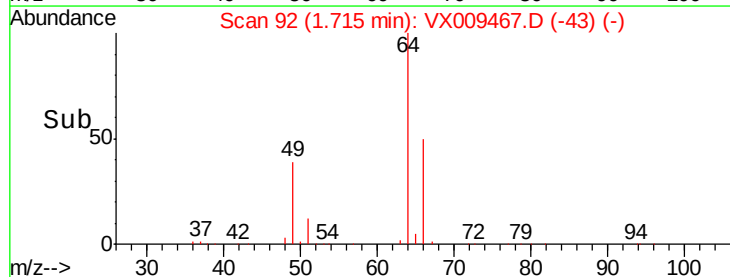
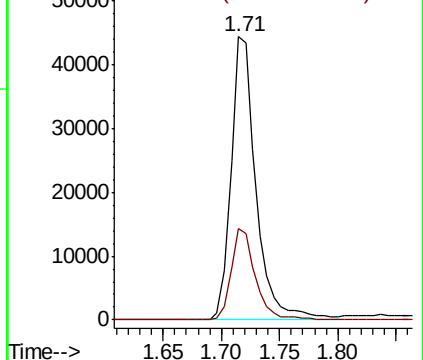
64 100

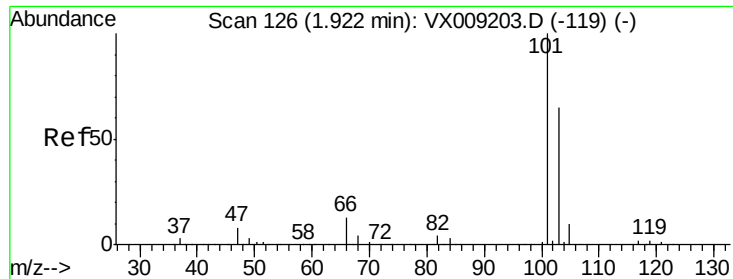
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



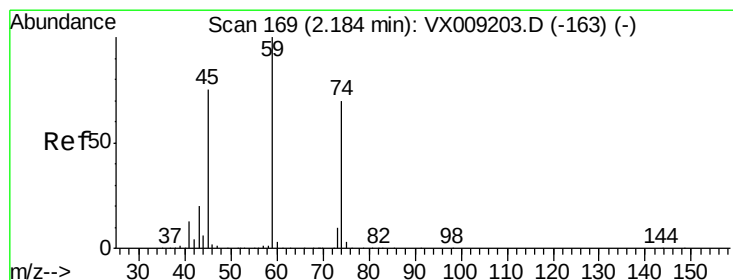
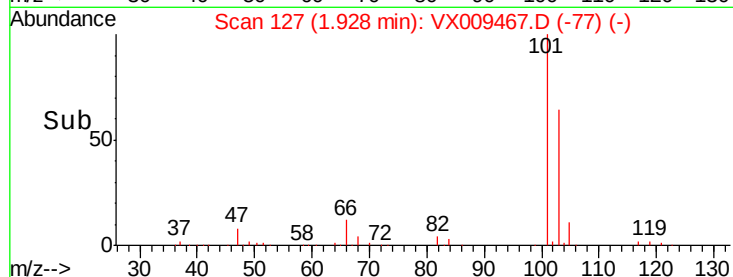
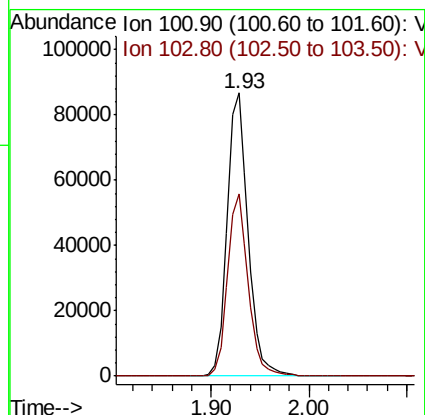
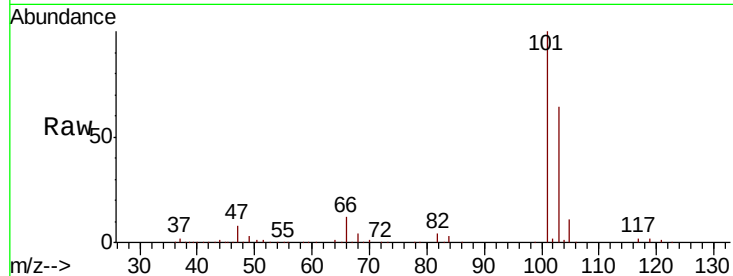


#7

Trichlorofluoromethane
 Concen: 55.809 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :

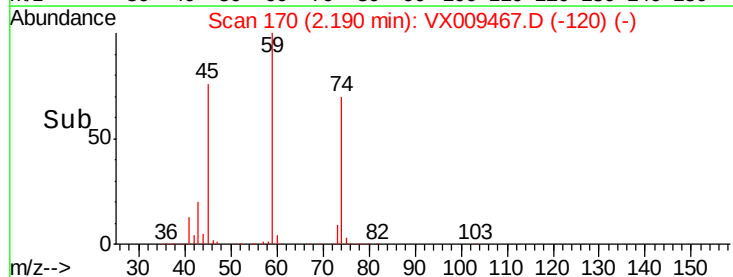
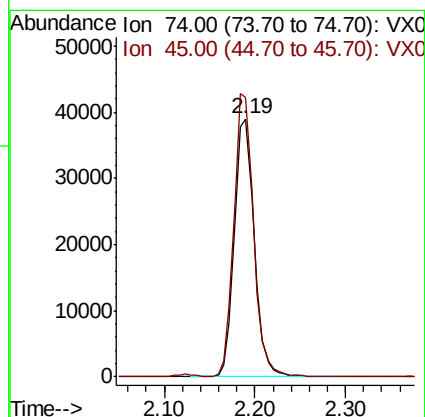
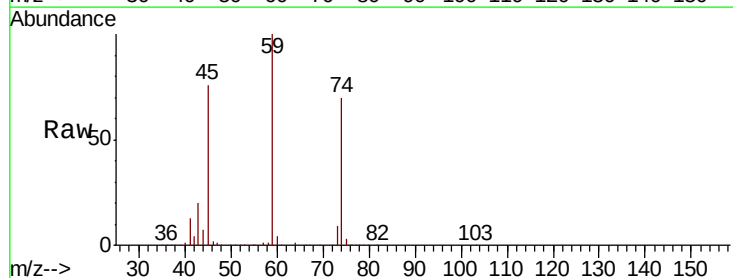
Tot Ion:101 Resp: 128560
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.4 78.6

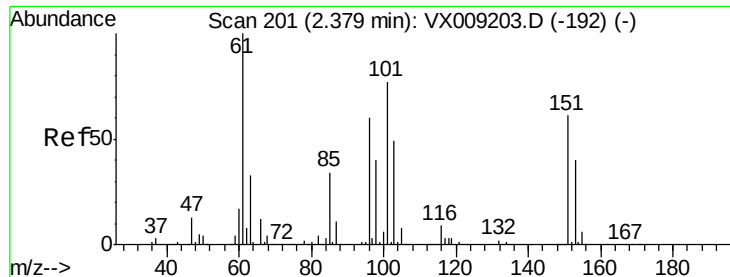


#8

Diethyl Ether
 Concen: 54.552 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 74 Resp: 59525
 Ion Ratio Lower Upper
 74 100
 45 108.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.046 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

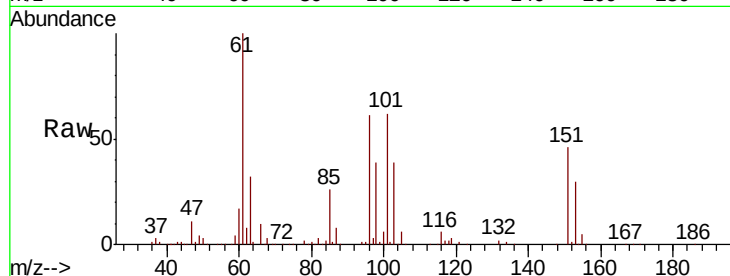
Tot Ion:101 Resp: 76736

Ion Ratio Lower Upper

101 100

85 43.5 35.7 53.5

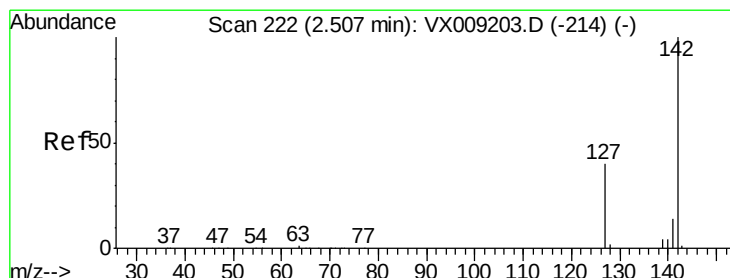
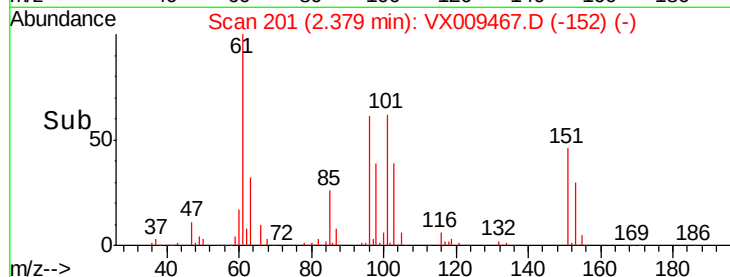
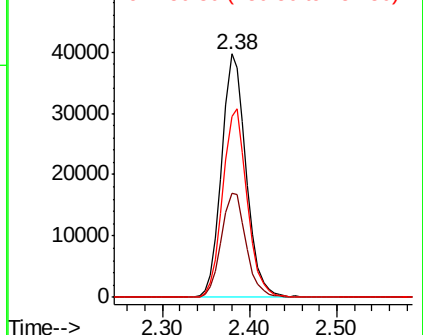
151 77.6 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.754 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

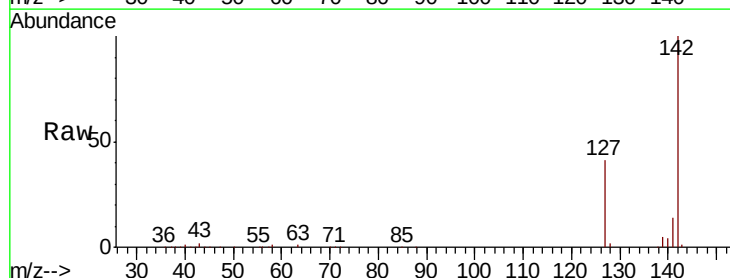
Tgt Ion:142 Resp: 92838

Ion Ratio Lower Upper

142 100

127 40.7 32.7 49.1

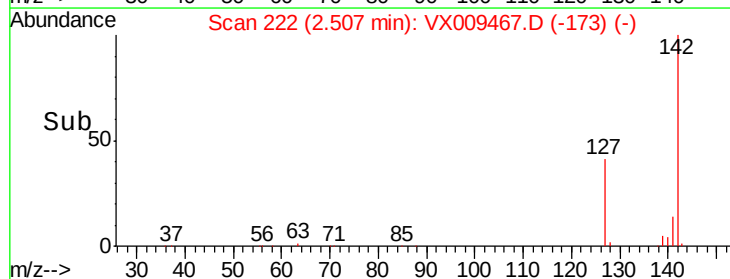
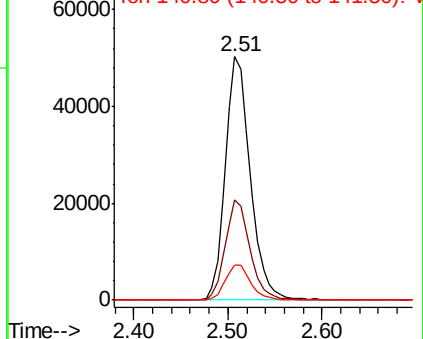
141 14.7 11.5 17.3

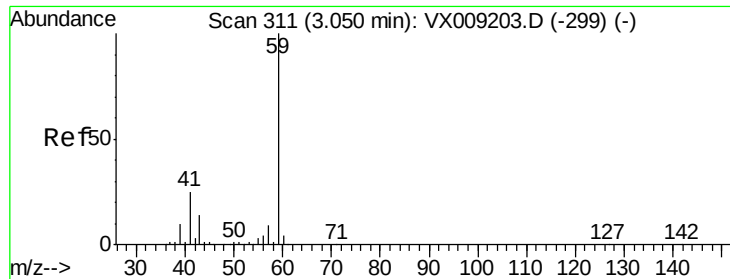


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



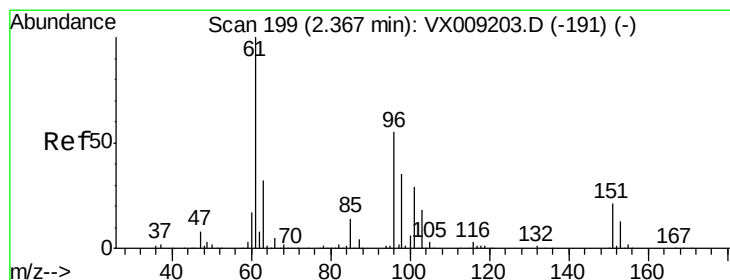
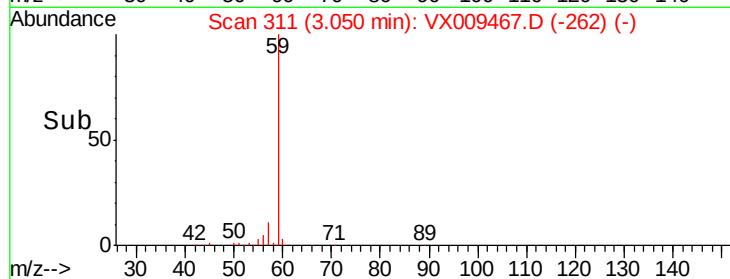
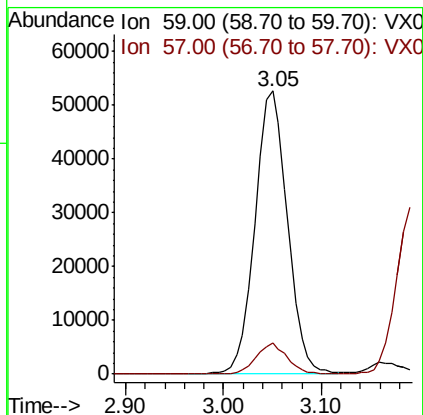
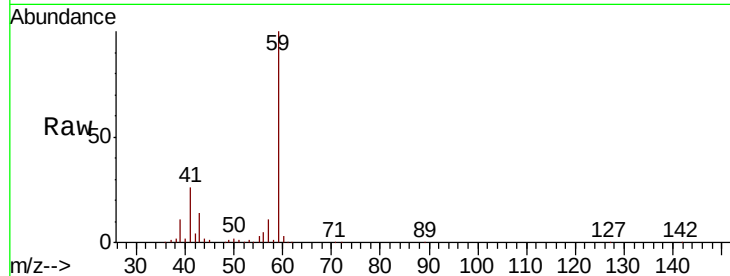


#11

Tert butyl alcohol
 Concen: 249.479 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampled :

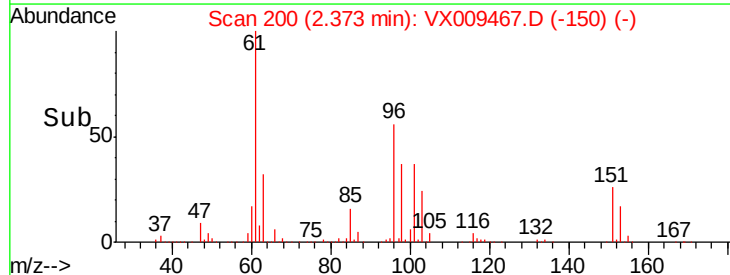
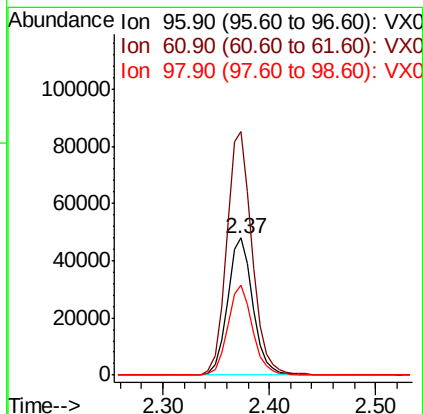
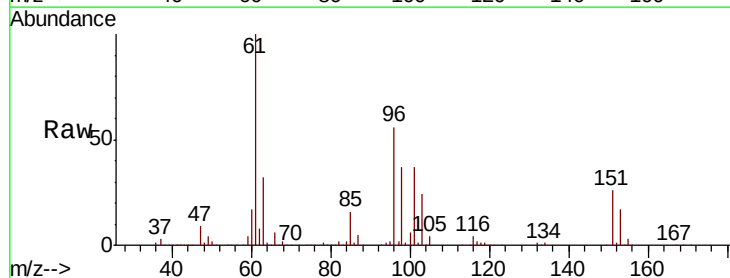
Tot Ion: 59 Resp: 121776
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

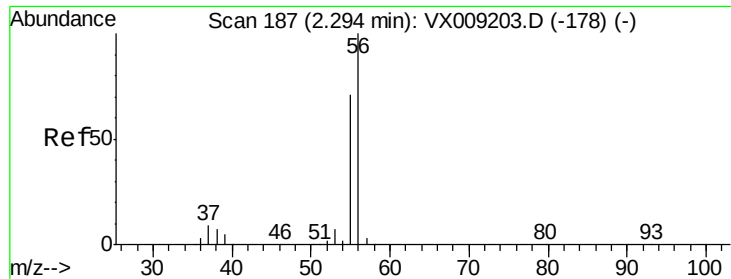


#12

1,1-Dichloroethene
 Concen: 54.883 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 96 Resp: 79547
 Ion Ratio Lower Upper
 96 100
 61 177.9 144.3 216.5
 98 65.9 50.3 75.5

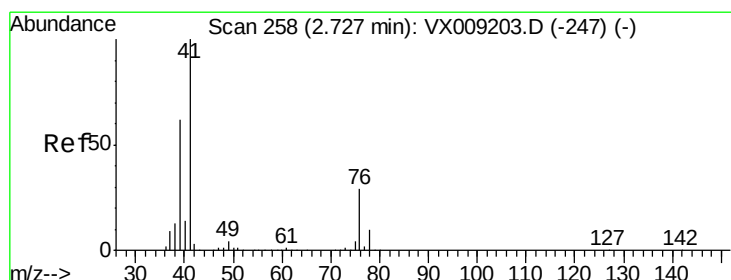
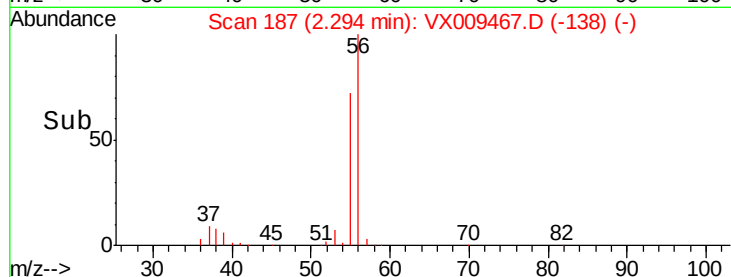
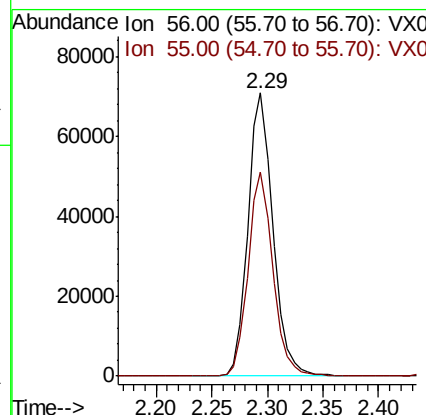
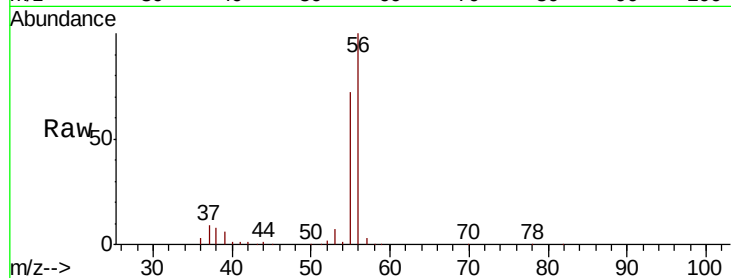




#13
 Acrolein
 Concen: 250.636 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

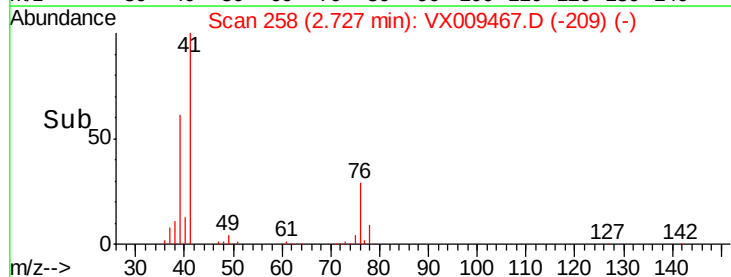
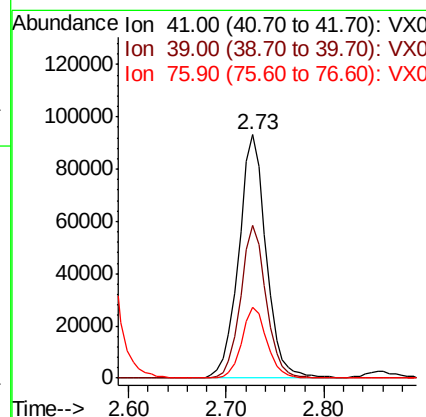
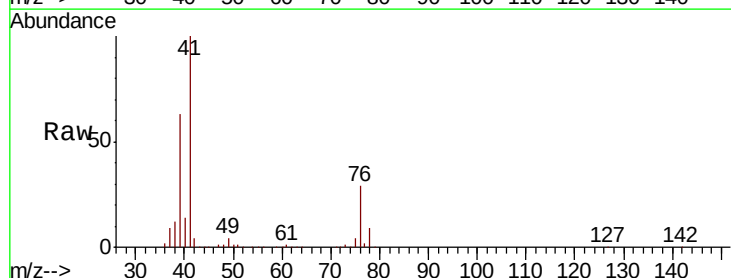
Instrument :
 MSVOA_X
 ClientSampleId :

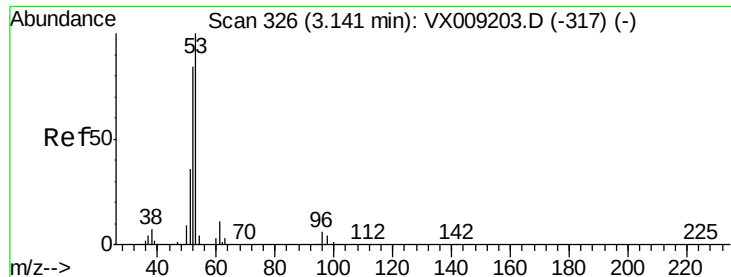
Tot Ion: 56 Resp: 110796
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.6 85.0



#14
 Allyl chloride
 Concen: 51.181 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 41 Resp: 180783
 Ion Ratio Lower Upper
 41 100
 39 59.0 46.7 70.1
 76 26.8 21.8 32.8





#15

Acrylonitrile

Concen: 269.025 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

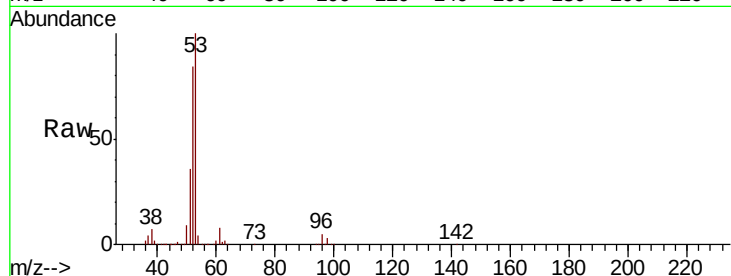
Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 321080

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	35.8	28.2	42.2

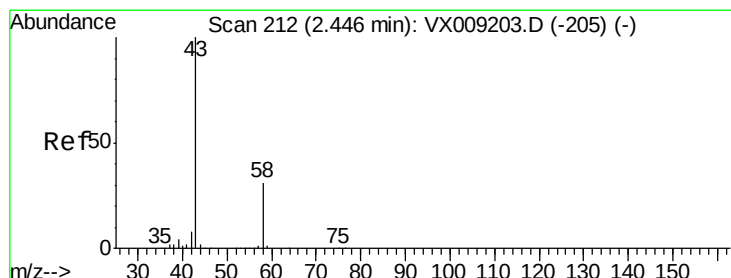
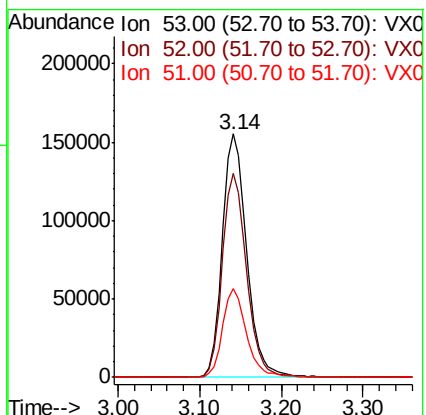
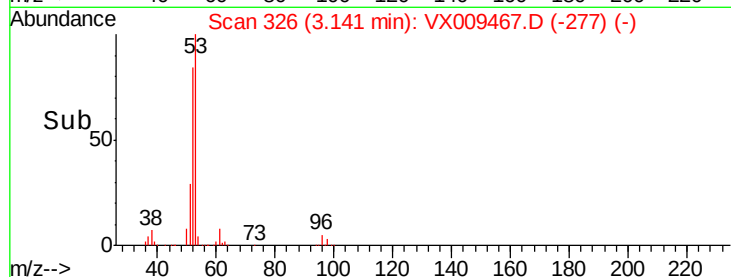


Abundance

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: 240.793 ug/l

RT: 2.44 min Scan# 211

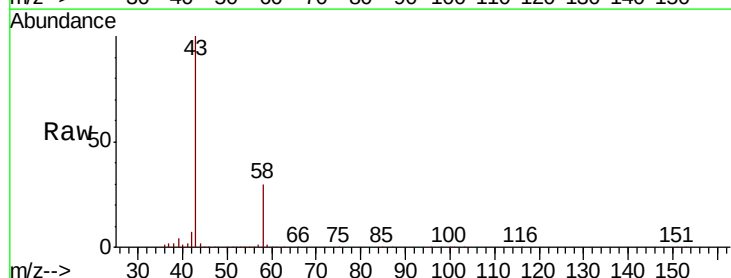
Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion: 43 Resp: 272653

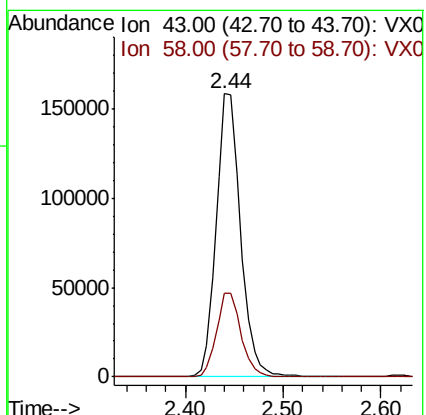
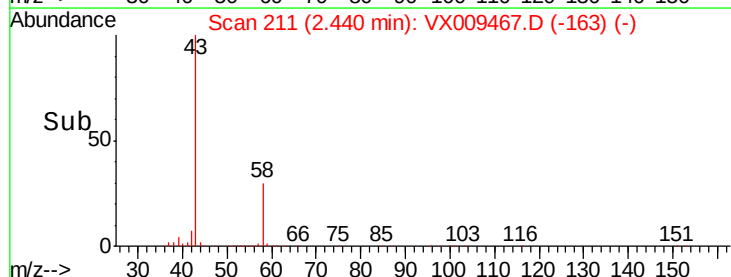
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.9	37.3

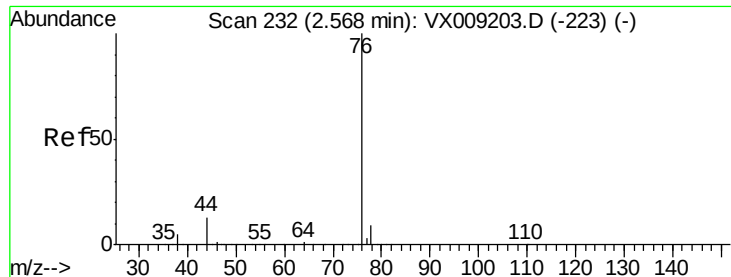


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 56.645 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

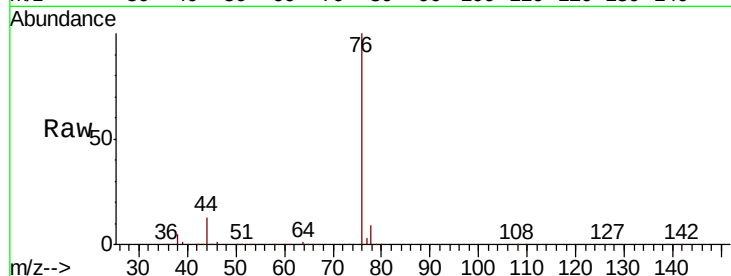
ClientSampled :

Tot Ion: 76 Resp: 230505

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

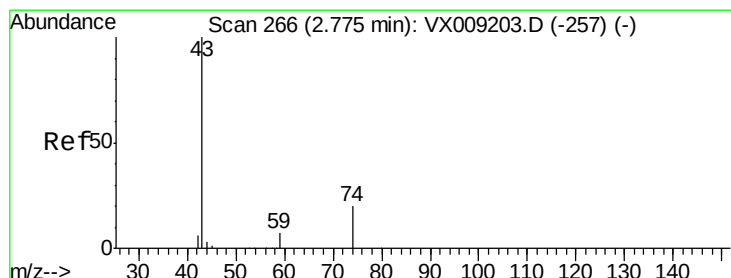
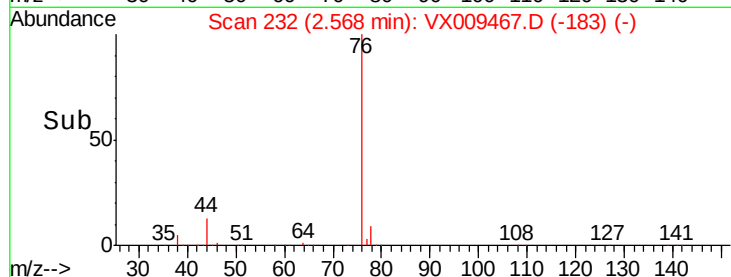
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 45.058 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009467.D

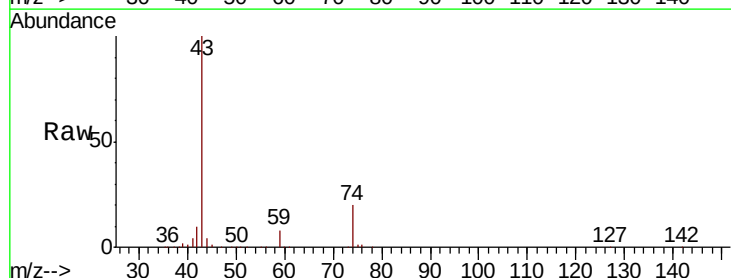
Acq: 10 May 2019 07:19

Tgt Ion: 43 Resp: 121334

Ion Ratio Lower Upper

43 100

74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

60000

40000

20000

0

Time-->

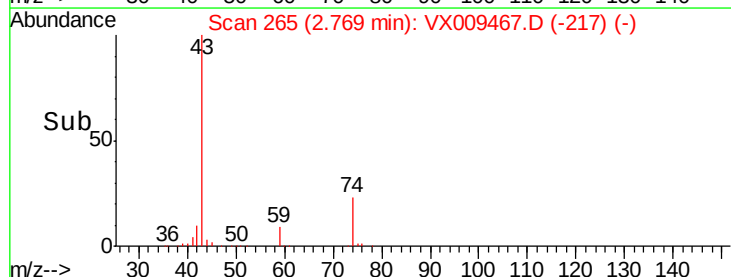
2.65

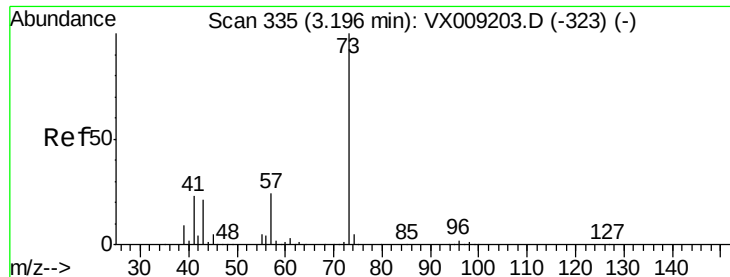
2.70

2.75

2.80

2.85



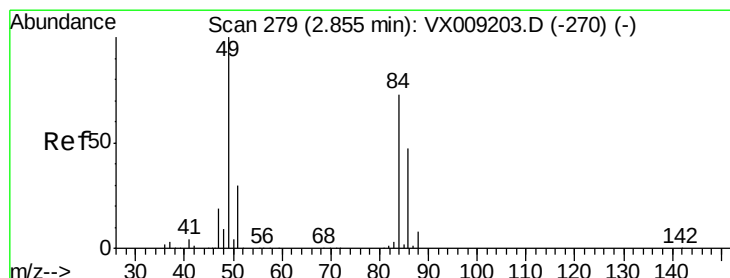
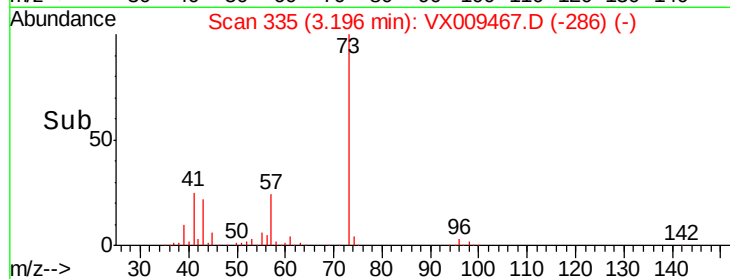
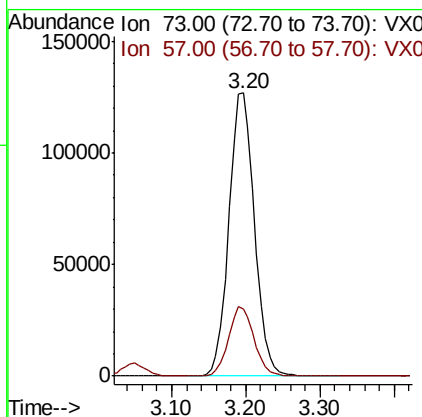
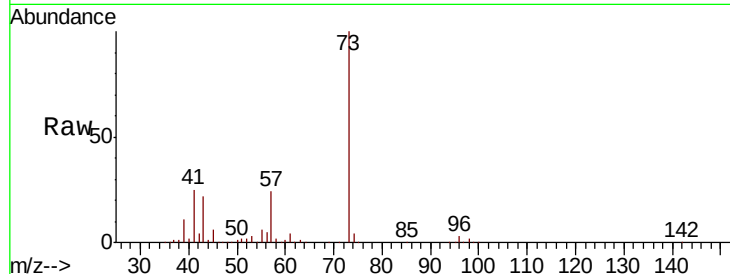


#19

Methyl tert-butyl Ether
 Concen: 54.069 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampled :

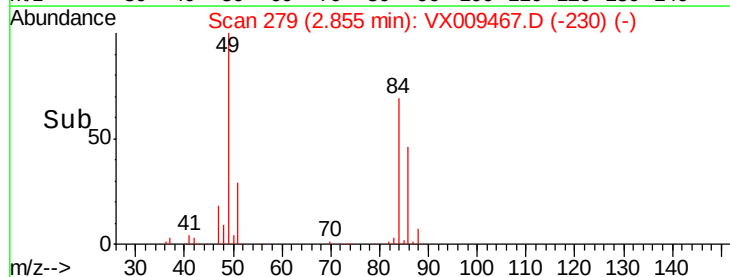
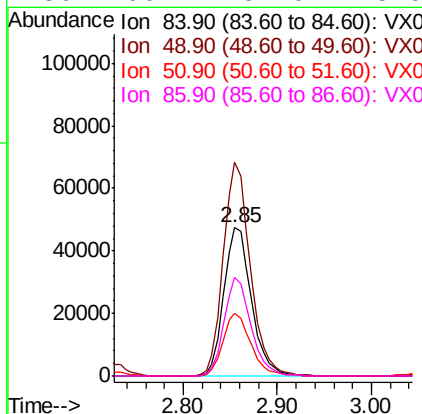
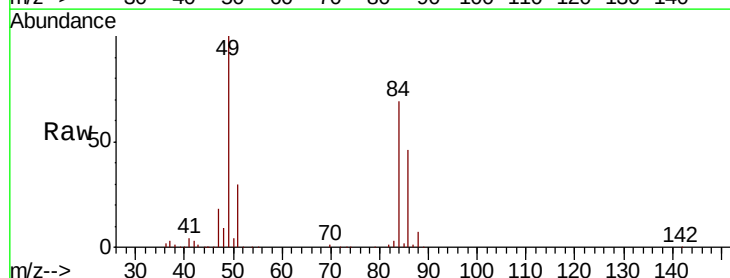
Tot Ion: 73 Resp: 304320
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.3 28.9

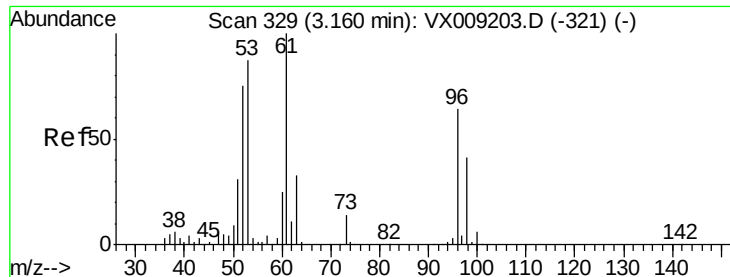


#20

Methylene Chloride
 Concen: 52.486 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 84 Resp: 96227
 Ion Ratio Lower Upper
 84 100
 49 143.9 109.9 164.9
 51 42.6 32.7 49.1
 86 66.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 54.822 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampled :

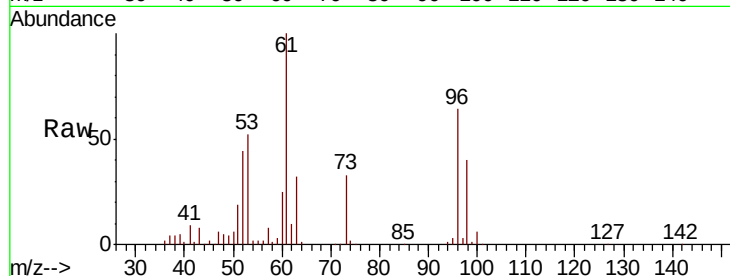
Tot Ion: 96 Resp: 86174

Ion Ratio Lower Upper

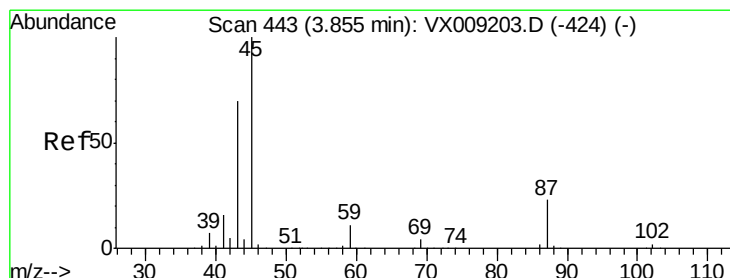
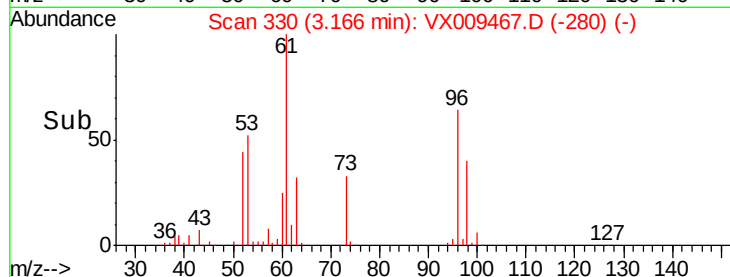
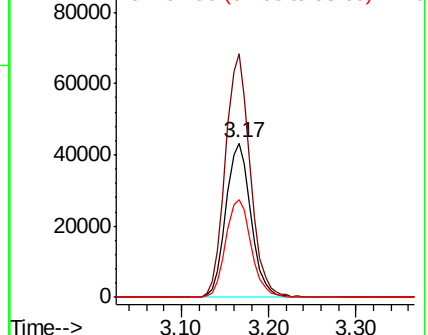
96 100

61 157.4 124.5 186.7

98 63.3 50.4 75.6



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: 54.020 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion: 45 Resp: 366947

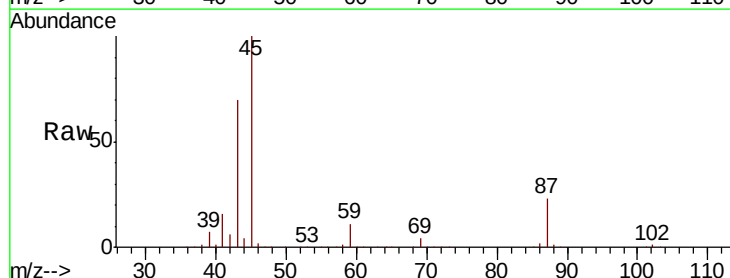
Ion Ratio Lower Upper

45 100

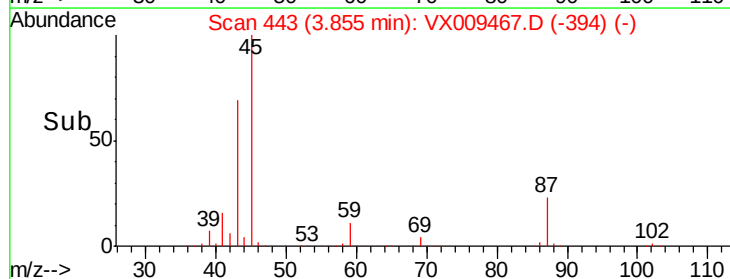
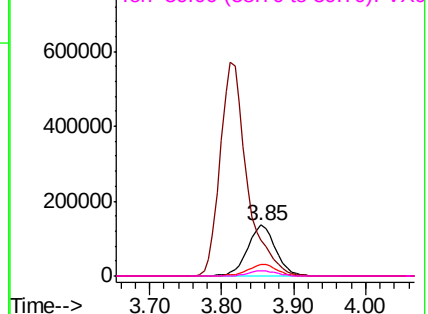
43 69.4 56.1 84.1

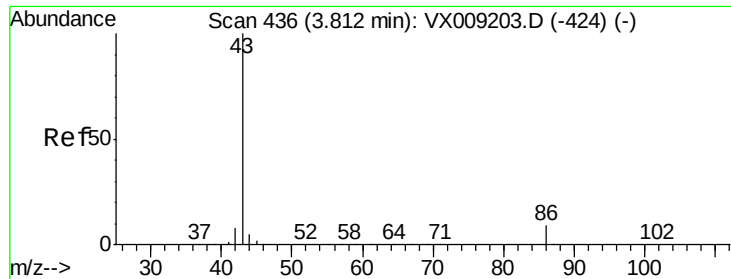
87 22.8 18.1 27.1

59 10.9 8.5 12.7



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: 256.221 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

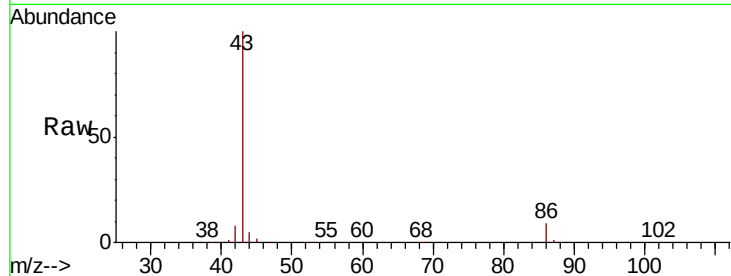
ClientSampleId :

Tot Ion: 43 Resp: 1490383

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

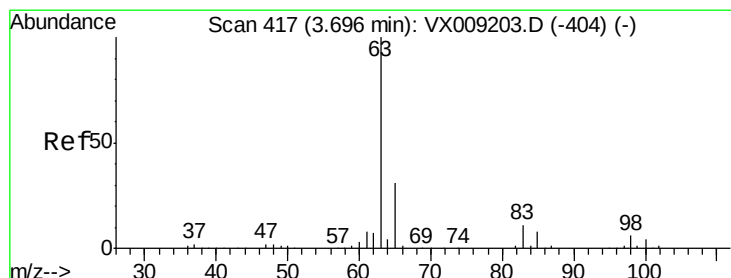
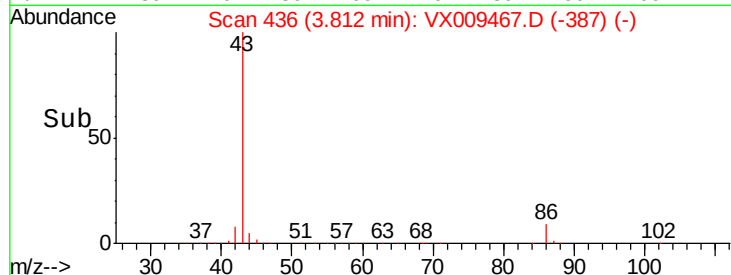
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.898 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

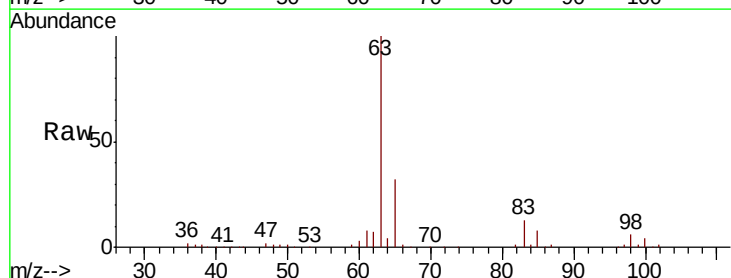
Tgt Ion: 63 Resp: 180611

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.1 2.0 6.0



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

3.70

100000

80000

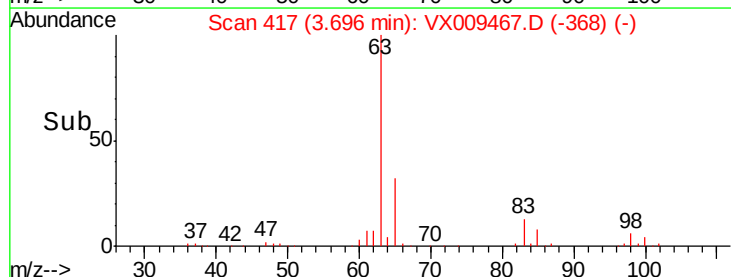
60000

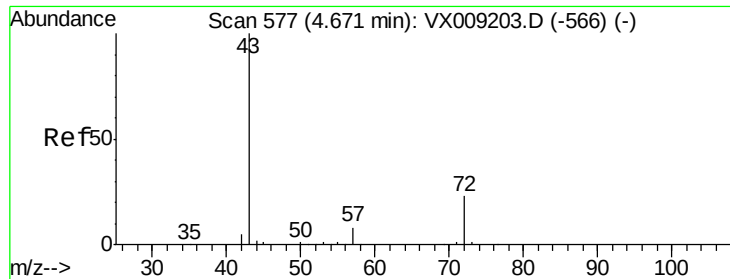
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.103 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

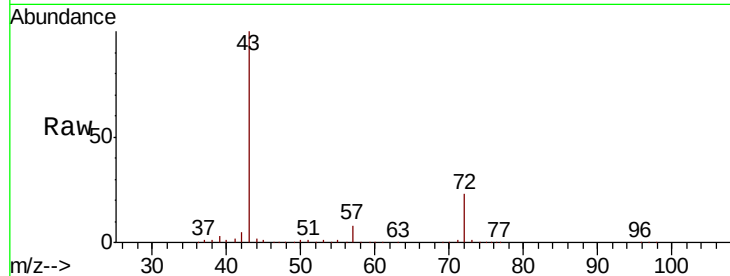
ClientSampleId :

Tot Ion: 43 Resp: 466469

Ion Ratio Lower Upper

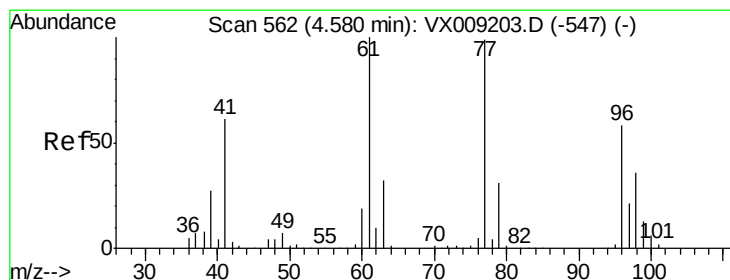
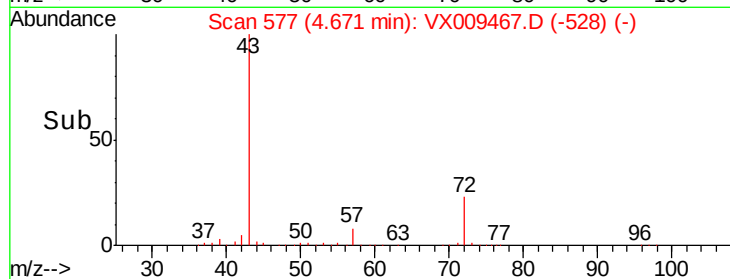
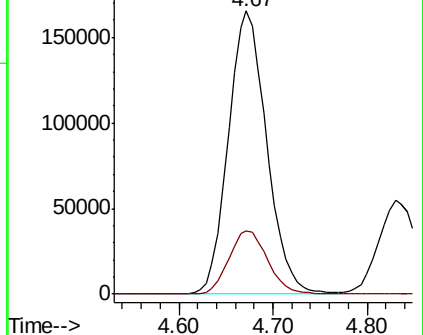
43 100

72 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 34.448 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009467.D

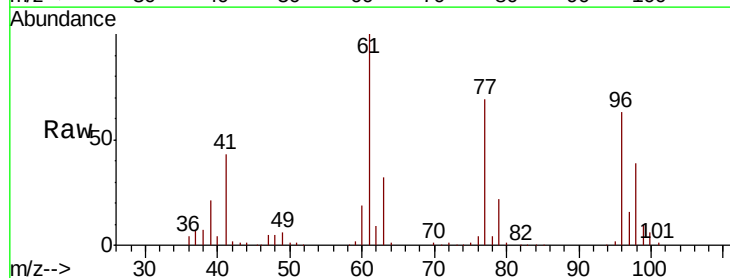
Acq: 10 May 2019 07:19

Tgt Ion: 77 Resp: 85922

Ion Ratio Lower Upper

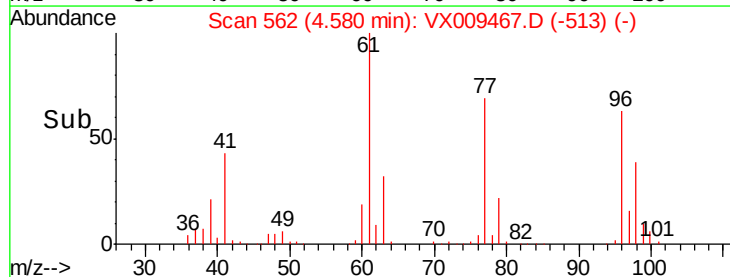
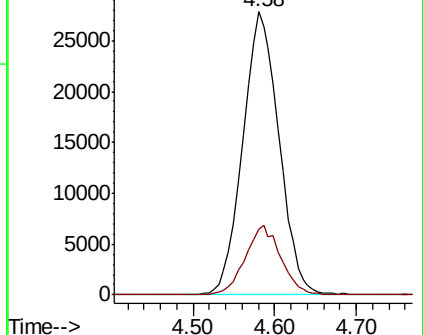
77 100

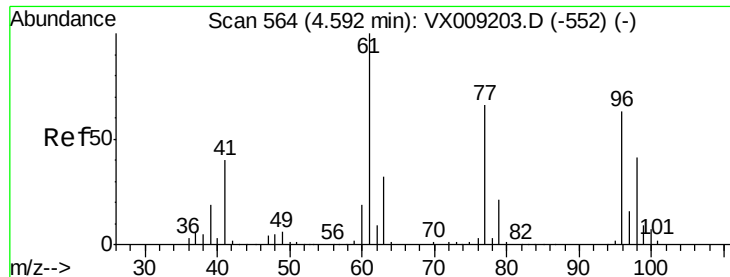
97 24.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



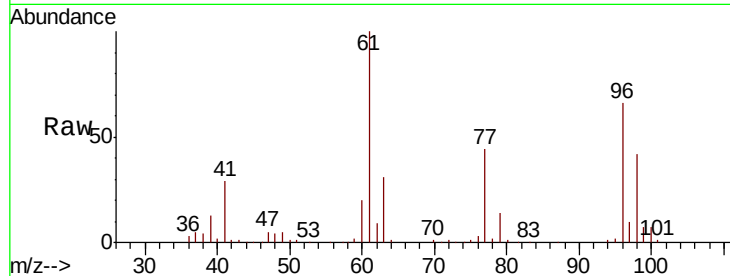


#27

cis-1,2-Dichloroethene
Concen: 54.813 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	324.0
98	63.6	0.0	130.4

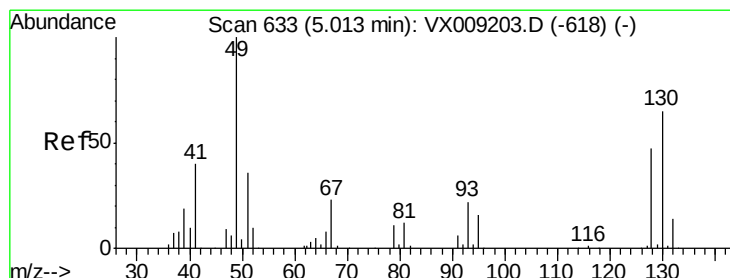
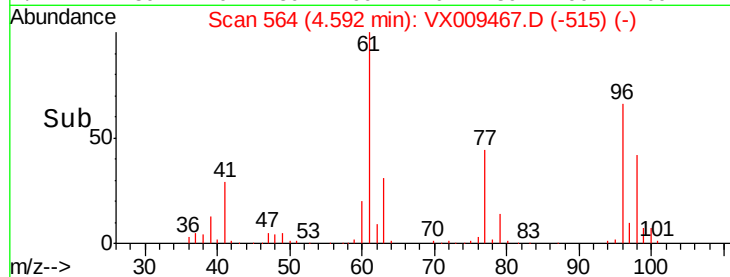
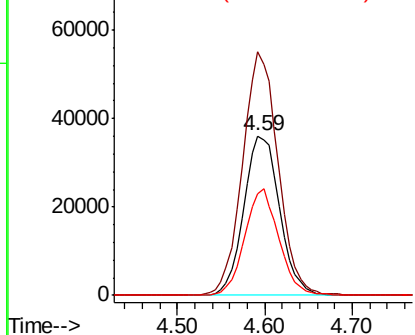


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

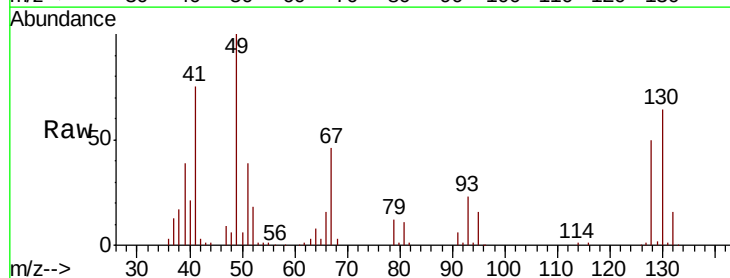
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.606 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	64.6	51.2	76.8

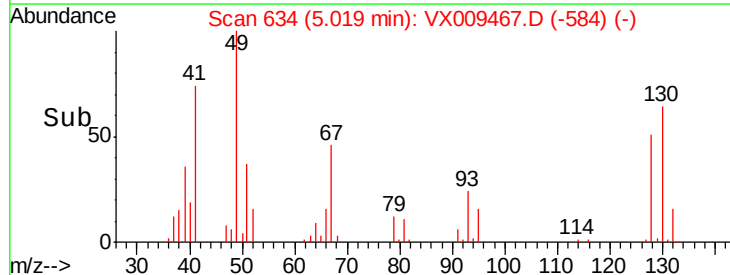
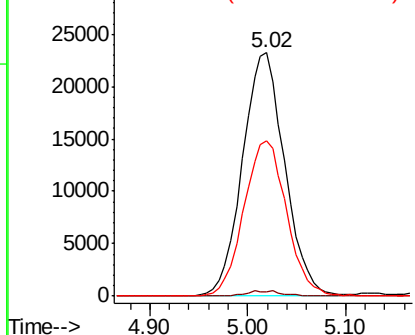


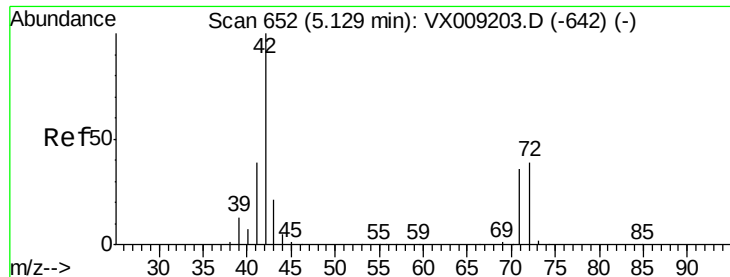
Abundance

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: 274.556 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

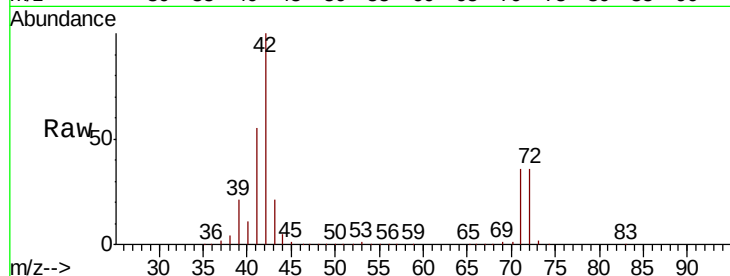
Tot Ion: 42 Resp: 310874

Ion Ratio Lower Upper

42 100

72 37.6 30.4 45.6

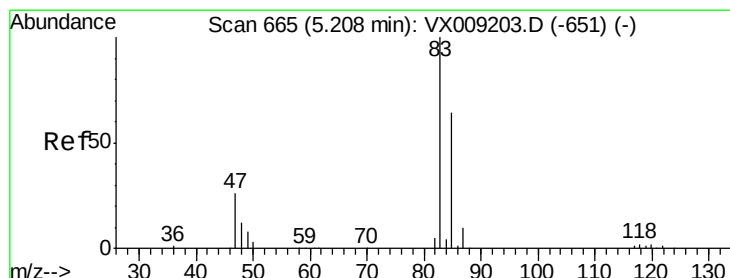
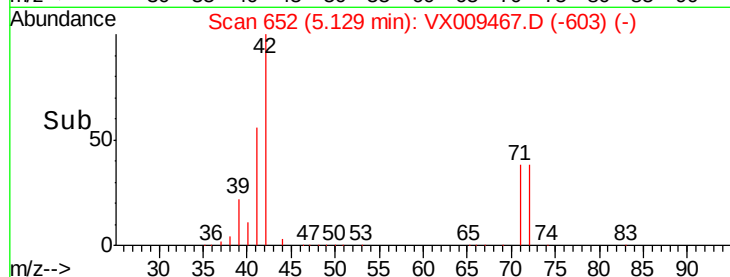
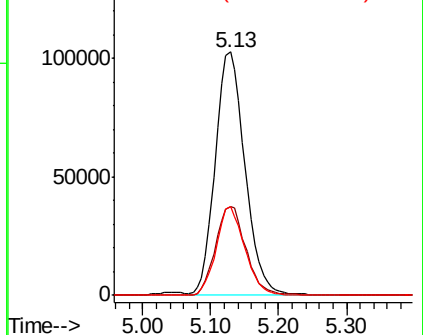
71 35.2 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.877 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009467.D

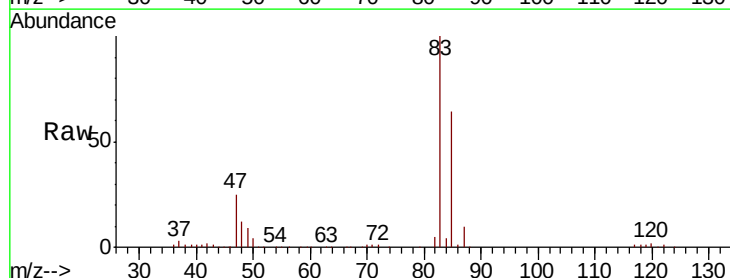
Acq: 10 May 2019 07:19

Tgt Ion: 83 Resp: 166318

Ion Ratio Lower Upper

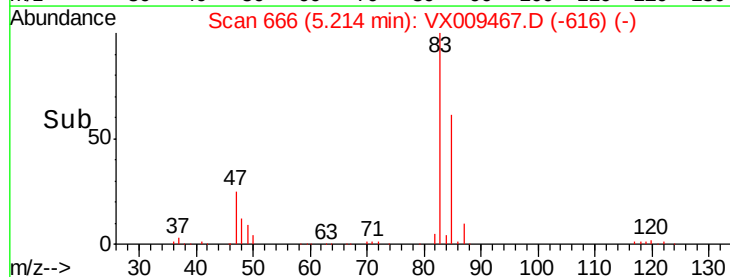
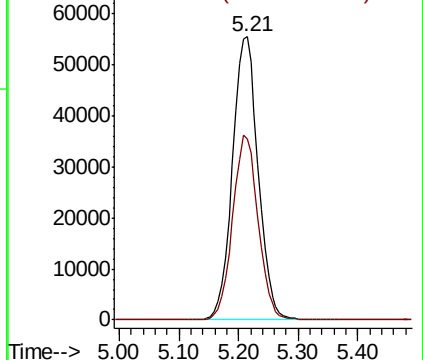
83 100

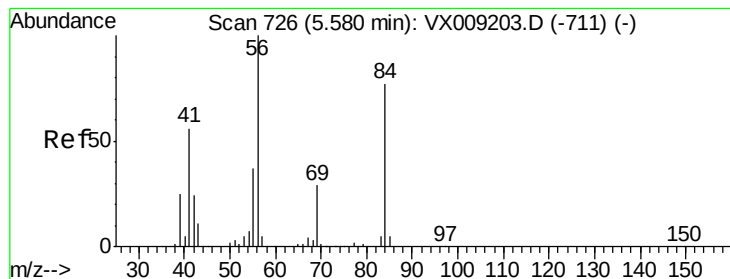
85 63.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.586 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

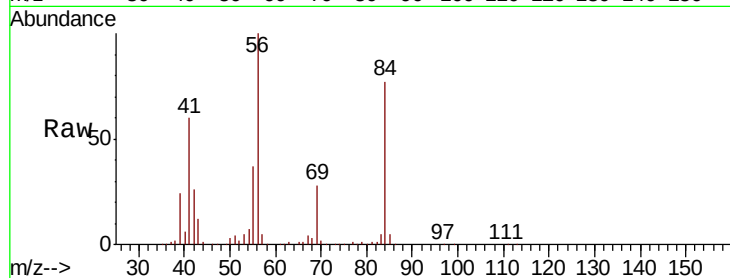
Tot Ion: 56 Resp: 173298

Ion Ratio Lower Upper

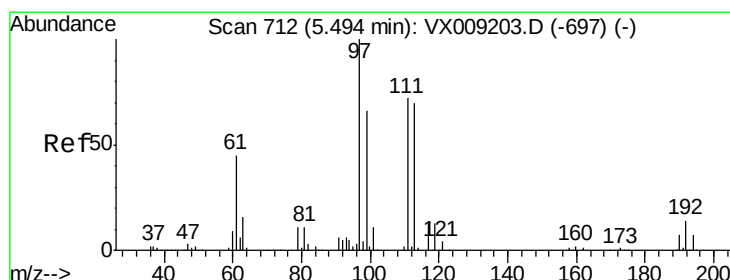
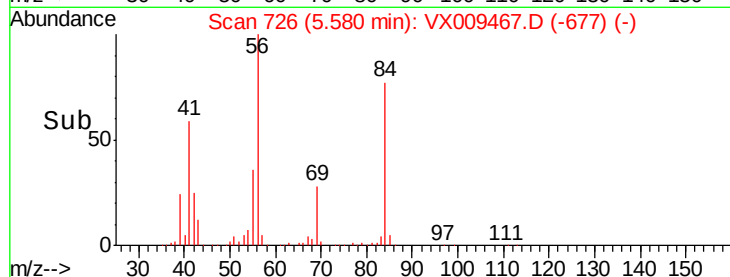
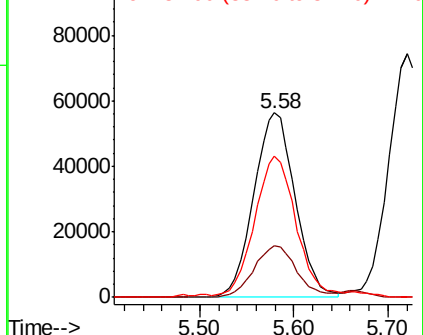
56 100

69 27.9 23.4 35.0

84 75.7 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 54.551 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

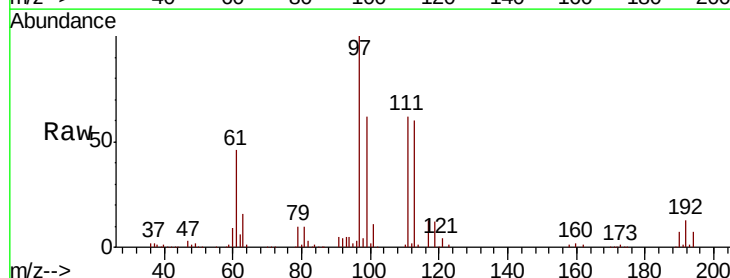
Tgt Ion: 97 Resp: 137630

Ion Ratio Lower Upper

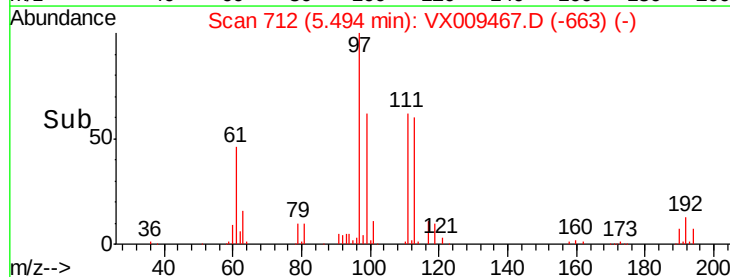
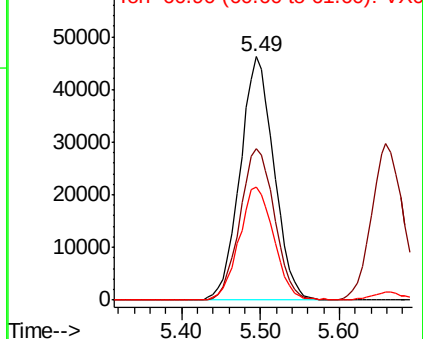
97 100

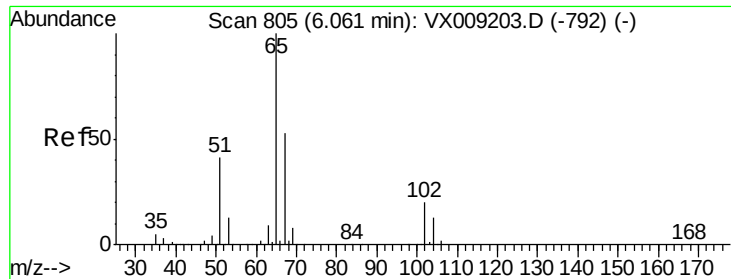
99 63.6 51.8 77.8

61 47.6 37.8 56.8



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

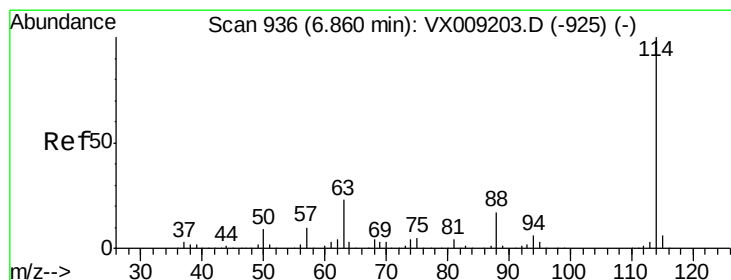
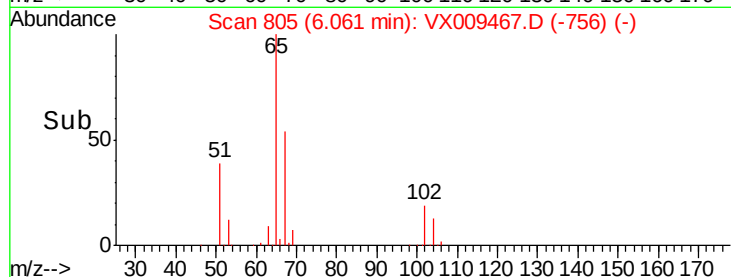
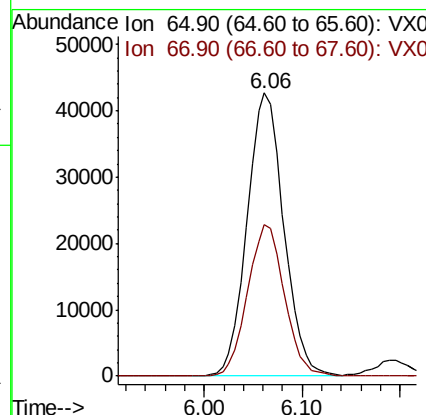
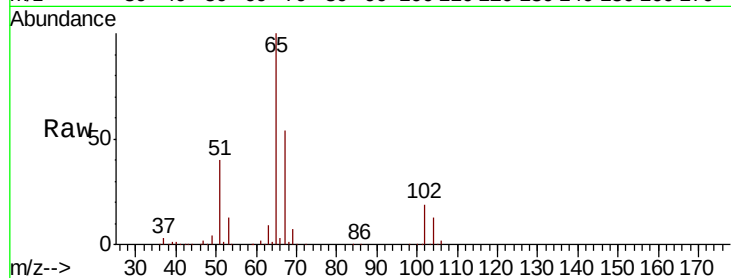




#33
 1,2-Dichloroethane-d4
 Concen: 52.669 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

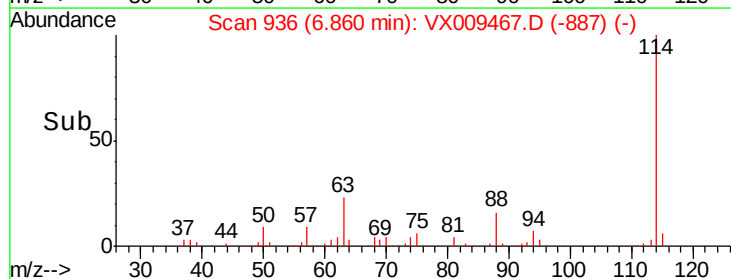
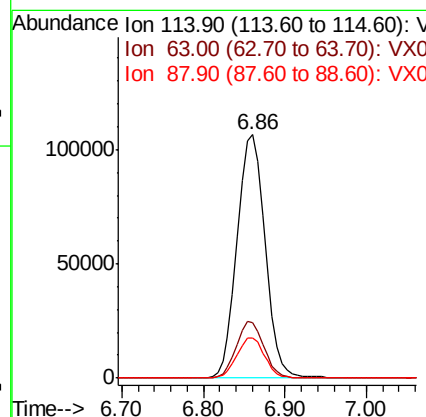
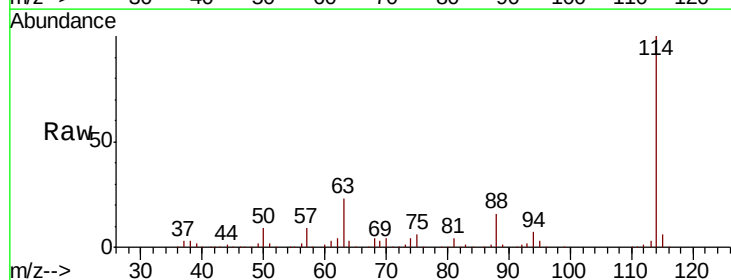
Instrument :
 MSVOA_X
 ClientSampleId :

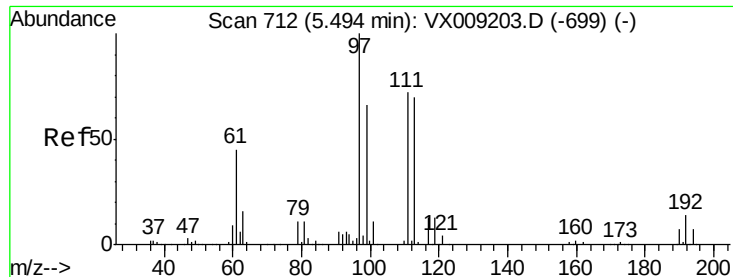
Tot Ion: 65 Resp: 111066
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 114 Resp: 253900
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.4 0.0 33.2

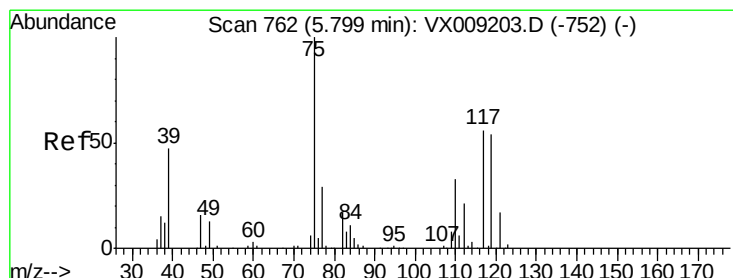
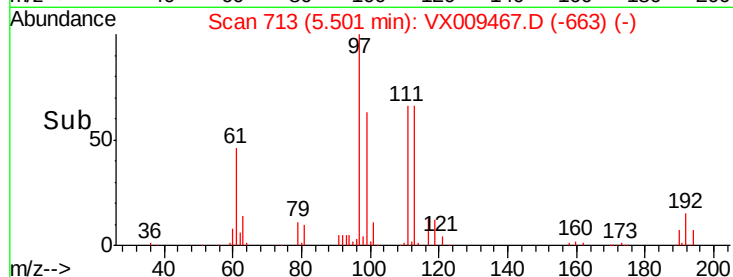
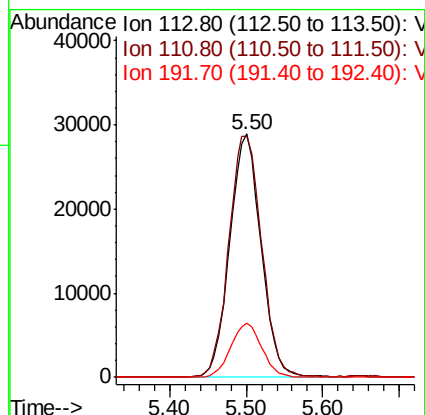
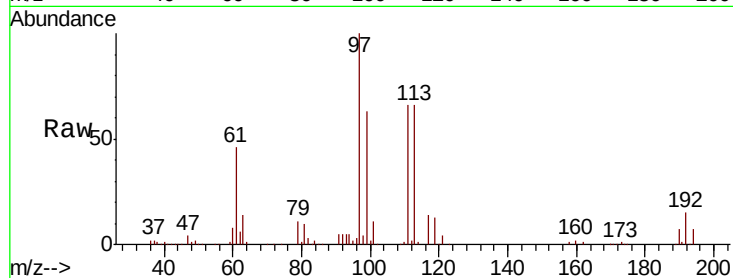




#35
 Dibromofluoromethane
 Concen: 51.312 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

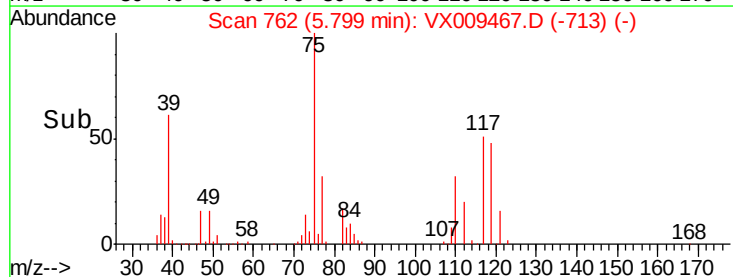
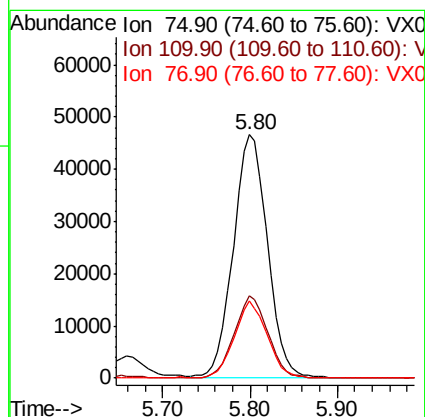
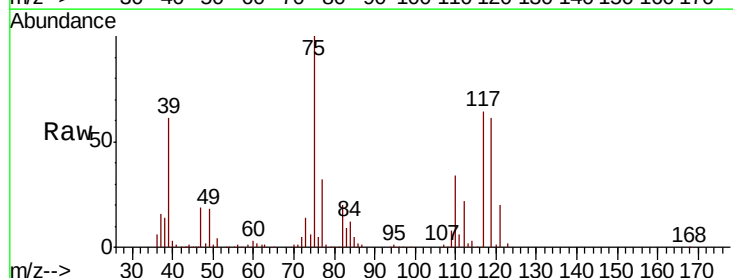
Instrument :
 MSVOA_X
 ClientSampleId :

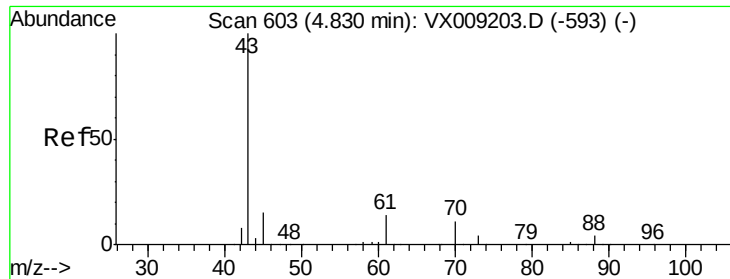
Tot Ion:113 Resp: 81900
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 53.372 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 75 Resp: 125933
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 30.9 24.8 37.2

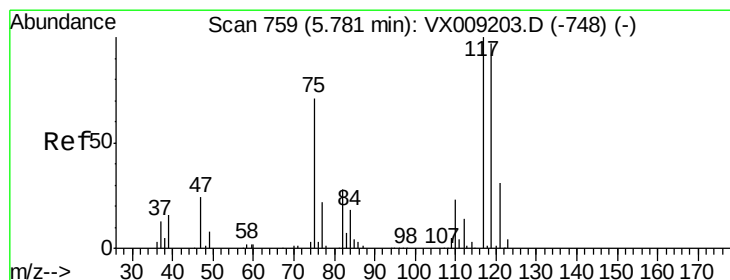
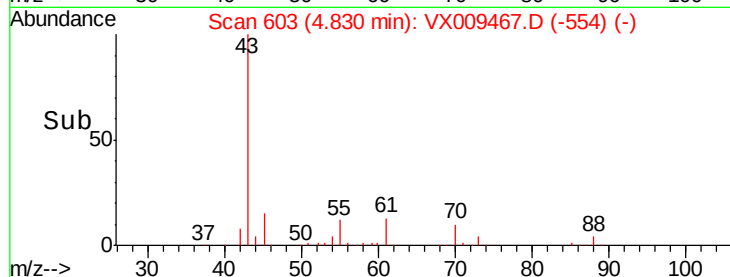
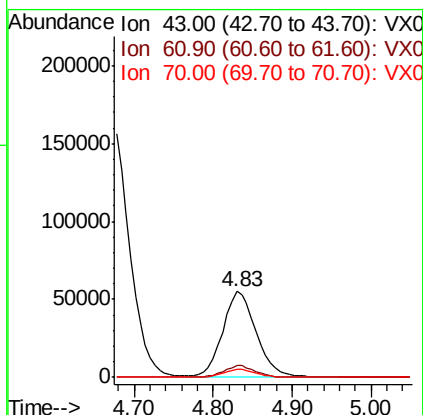
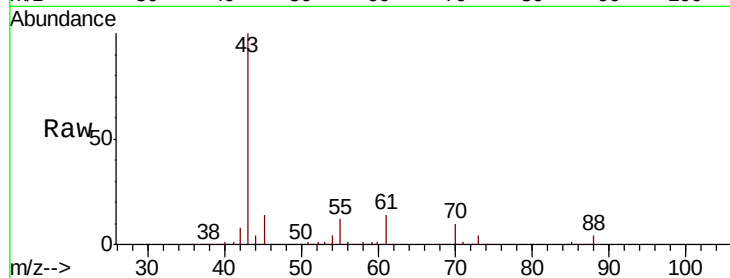




#37
Ethyl Acetate
Concen: 49.299 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

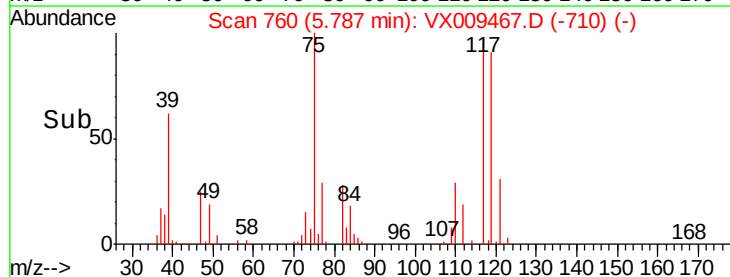
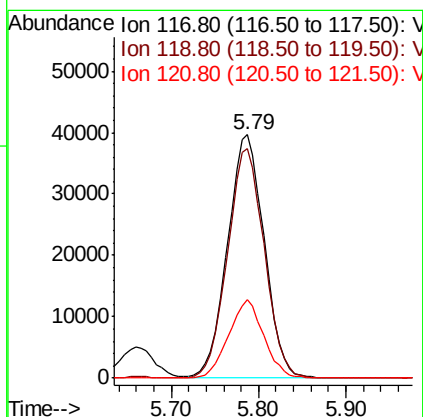
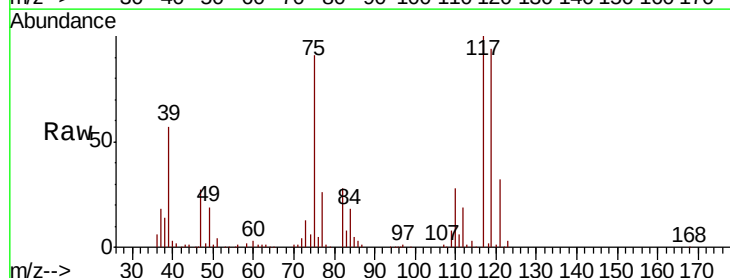
Instrument :
MSVOA_X
ClientSampled :

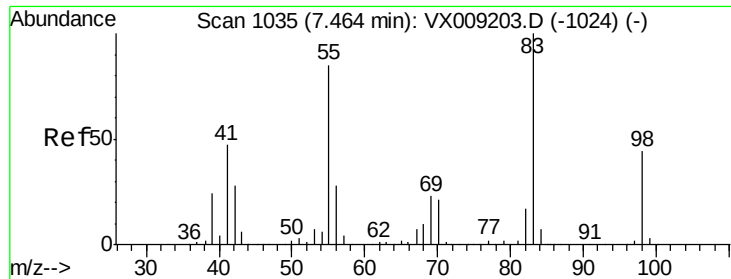
Tot Ion: 43 Resp: 162071
Ion Ratio Lower Upper
43 100
61 12.6 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 53.847 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 117 Resp: 115436
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
121 32.0 24.7 37.1

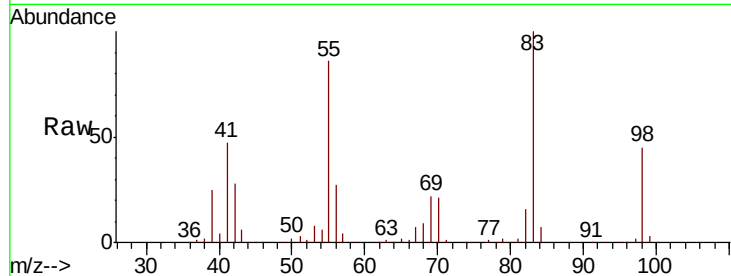




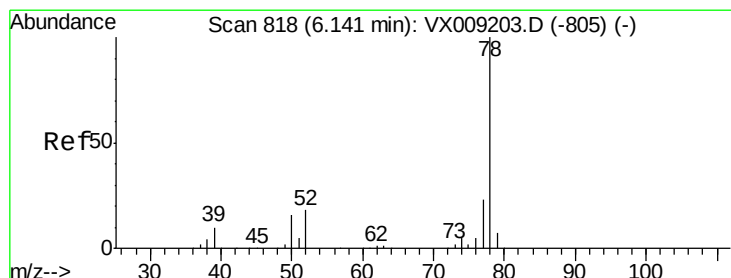
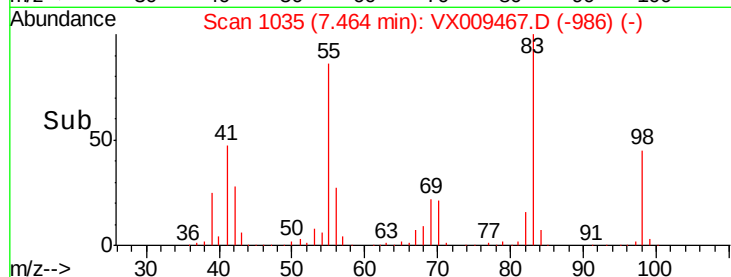
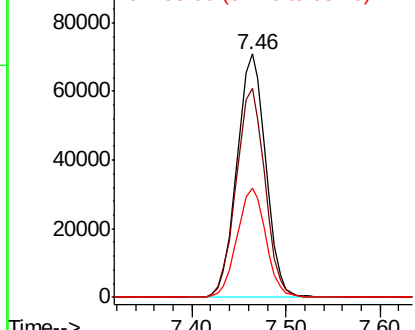
#39
Methylvlcyclohexane
Concen: 52.427 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 151920
Ion Ratio Lower Upper
83 100
55 85.9 67.7 101.5
98 45.0 35.5 53.3

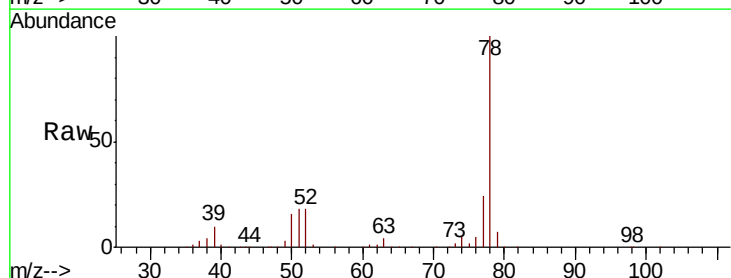


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

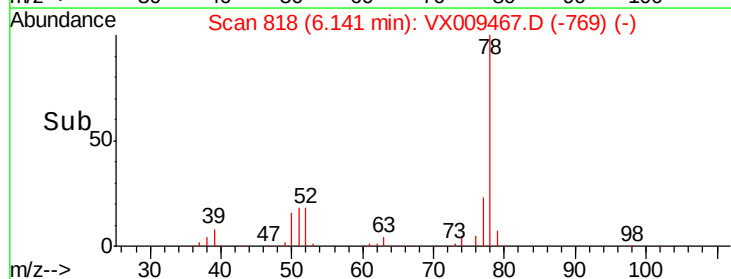
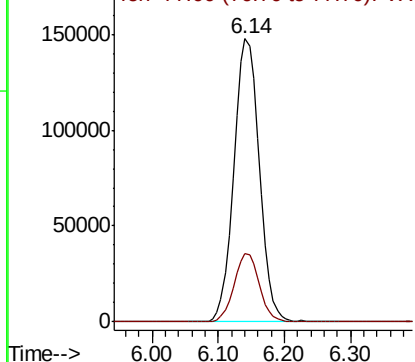


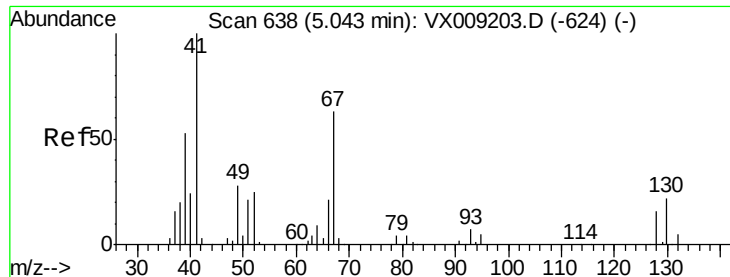
#40
Benzene
Concen: 54.001 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 78 Resp: 394330
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



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





#41

Methacrylonitrile

Concen: 52.368 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 102483

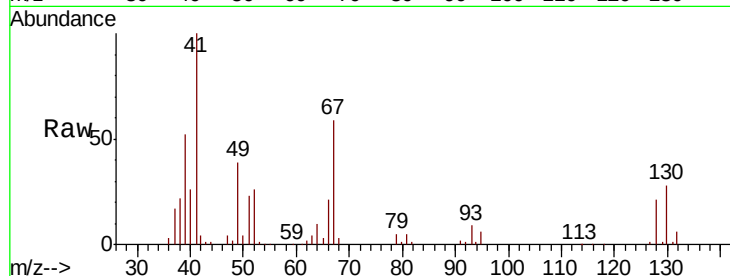
Ion Ratio Lower Upper

41 100

39 52.3 42.0 63.0

67 61.5 49.8 74.8

52 26.3 20.3 30.5

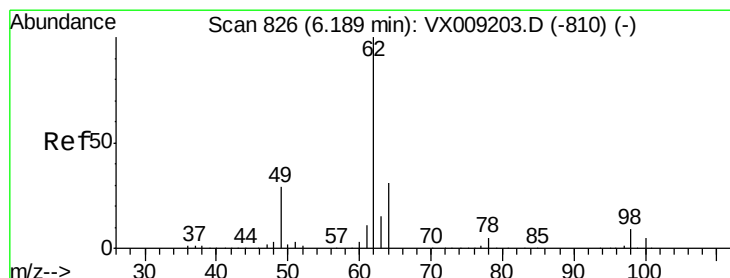
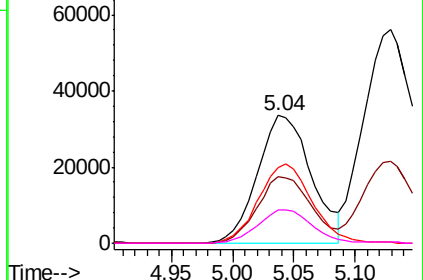
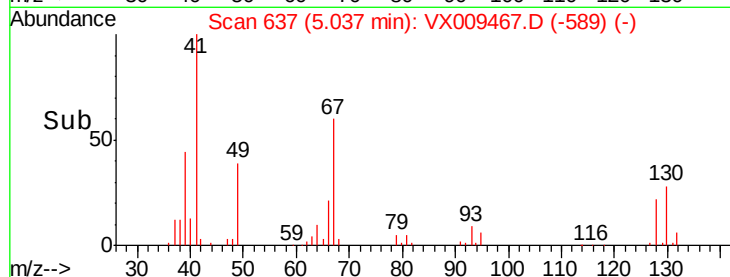


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.996 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009467.D

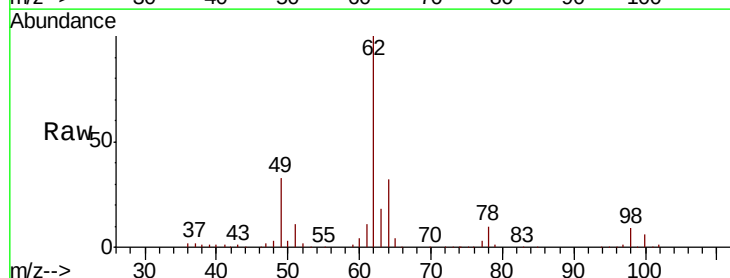
Acq: 10 May 2019 07:19

Tgt Ion: 62 Resp: 141440

Ion Ratio Lower Upper

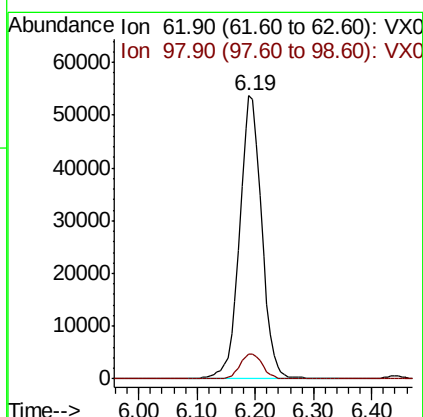
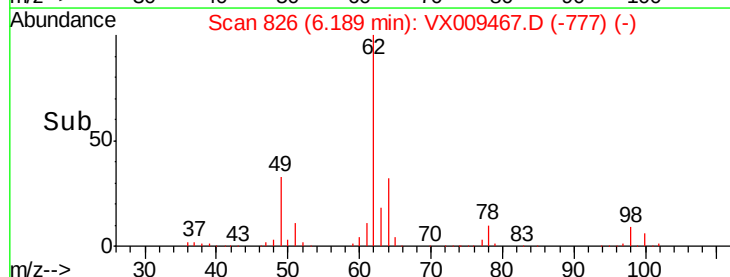
62 100

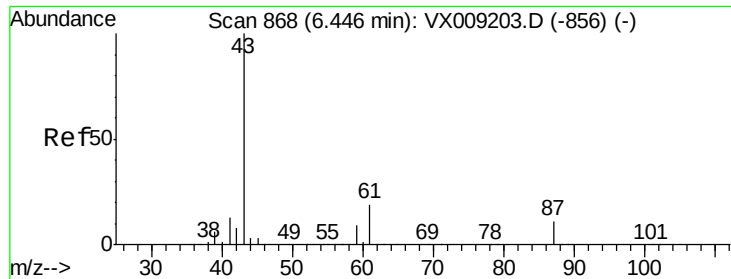
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.717 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampled :

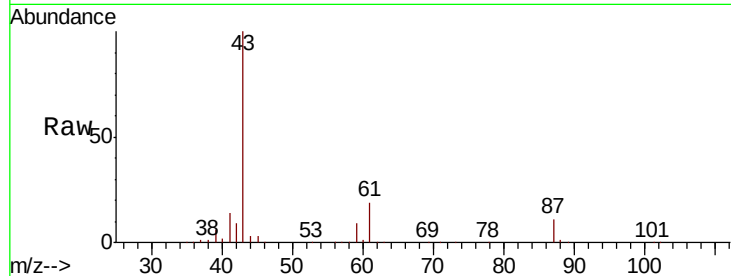
Tot Ion: 43 Resp: 266700

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

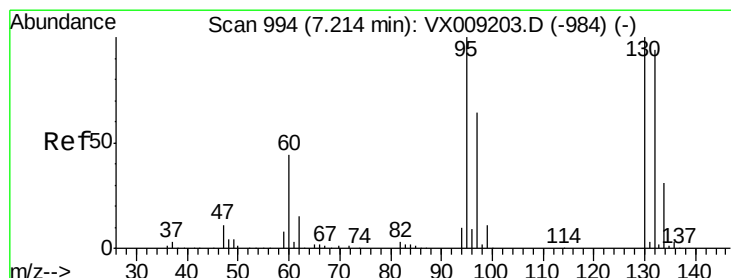
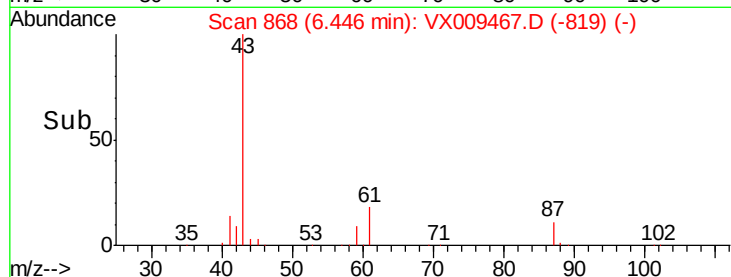
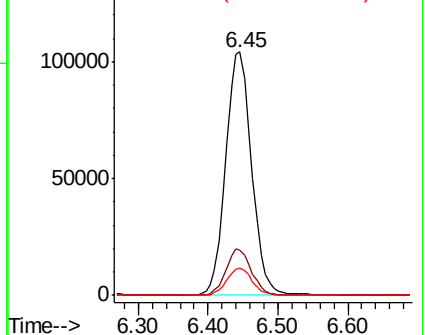
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.853 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009467.D

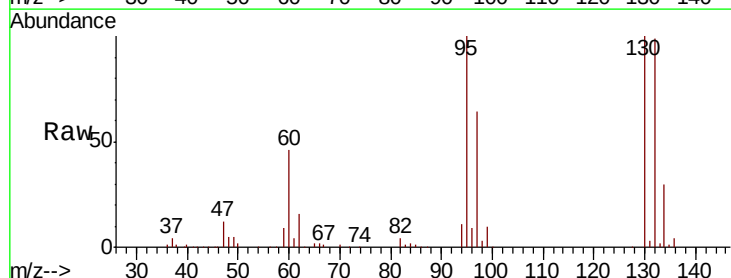
Acq: 10 May 2019 07:19

Tgt Ion:130 Resp: 93304

Ion Ratio Lower Upper

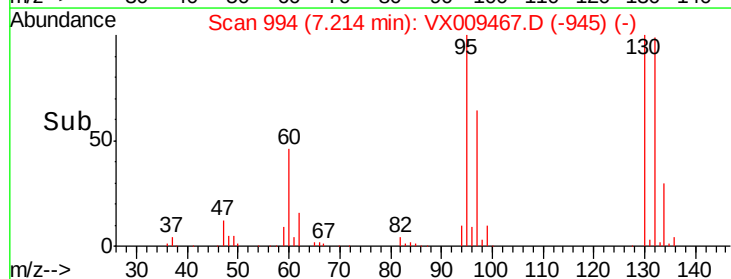
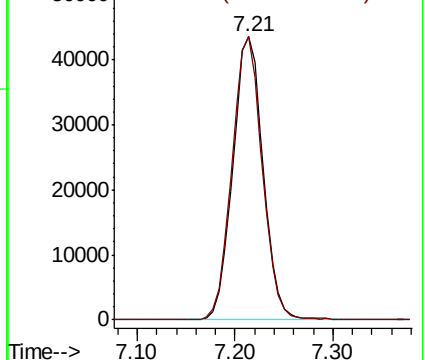
130 100

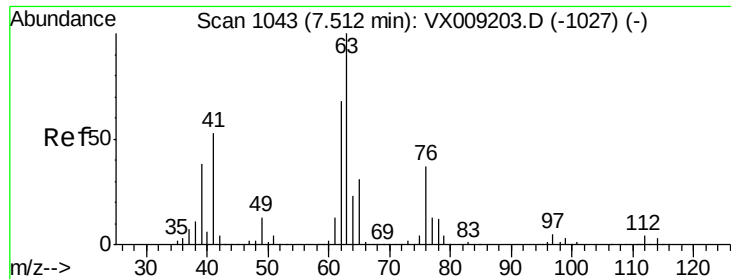
95 100.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

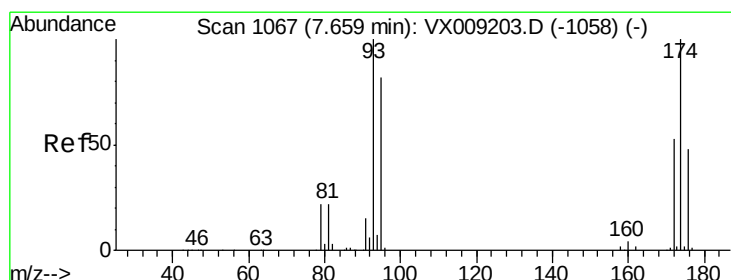
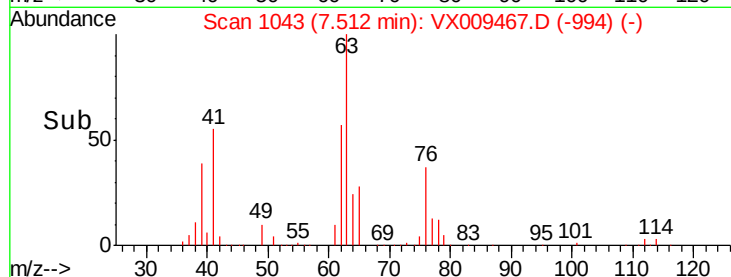
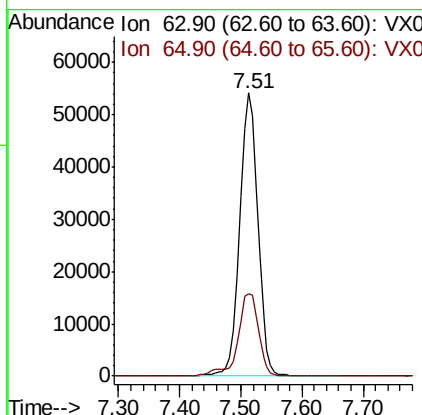
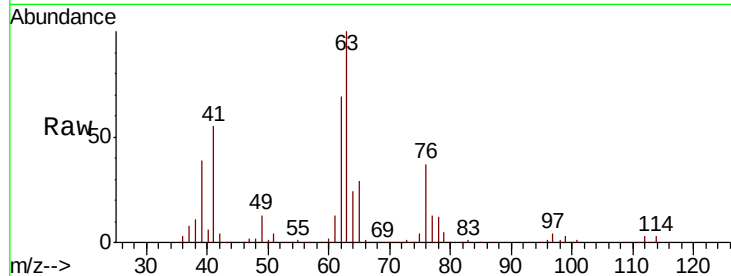




#45
 1,2-Dichloropropane
 Concen: 53.424 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

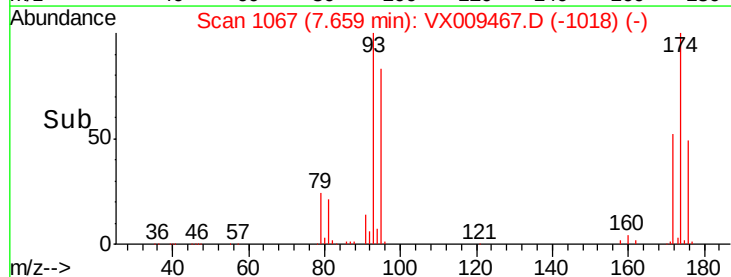
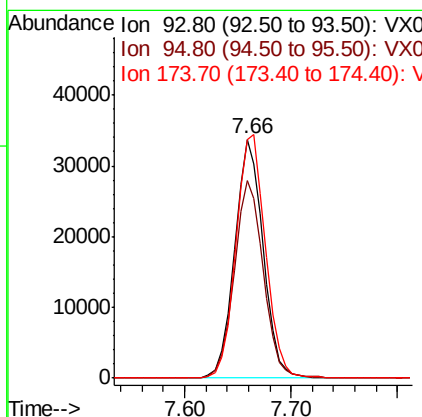
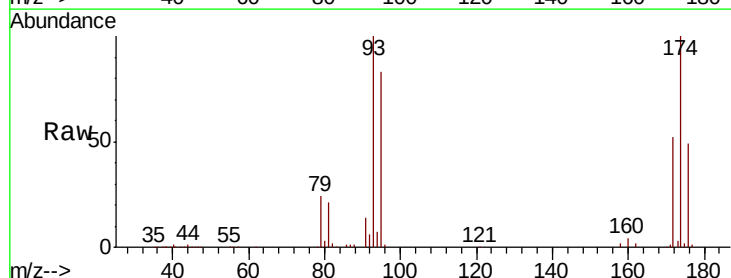
Instrument :
 MSVOA_X
 ClientSampleId :

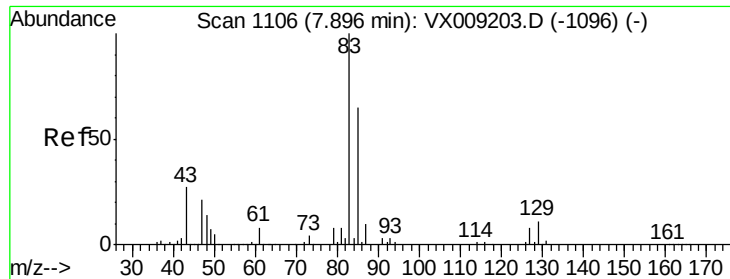
Tot Ion: 63 Resp: 110466
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.0 37.6



#46
 Dibromomethane
 Concen: 52.723 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 93 Resp: 63307
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.5 99.7
 174 106.2 82.1 123.1





#47

Bromodichloromethane

Concen: 53.634 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampled :

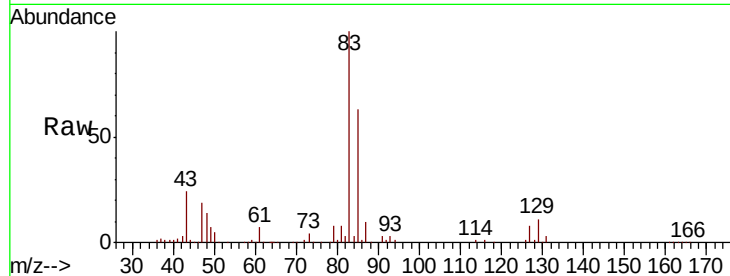
Tot Ion: 83 Resp: 128463

Ion Ratio Lower Upper

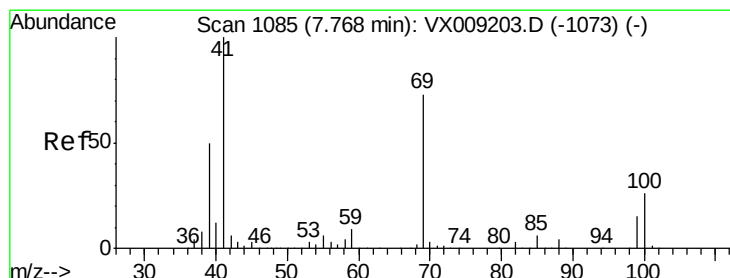
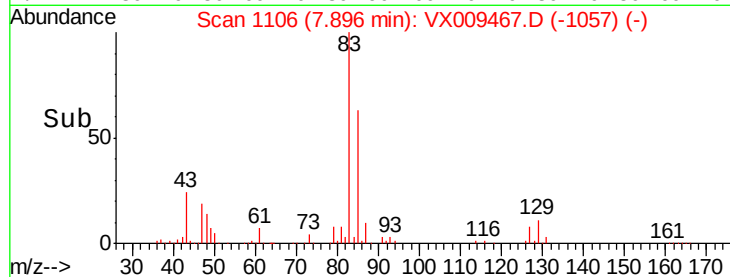
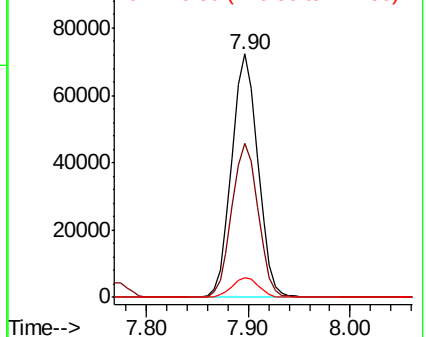
83 100

85 63.3 52.4 78.6

127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.777 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

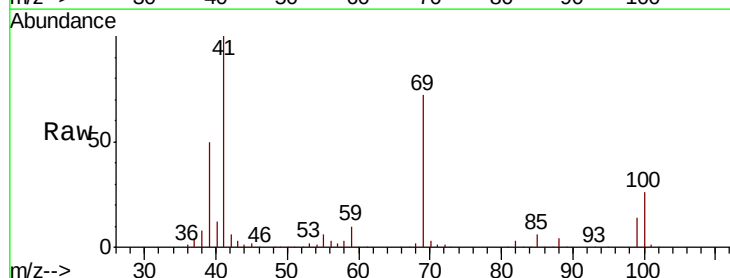
Tgt Ion: 41 Resp: 142909

Ion Ratio Lower Upper

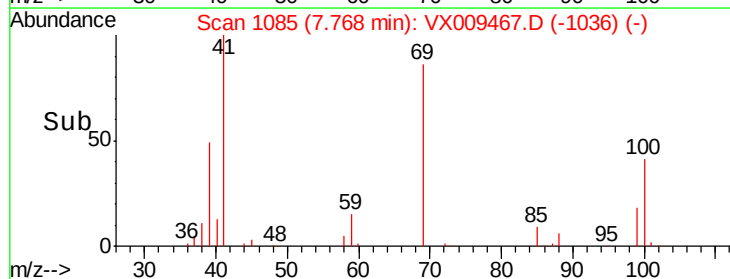
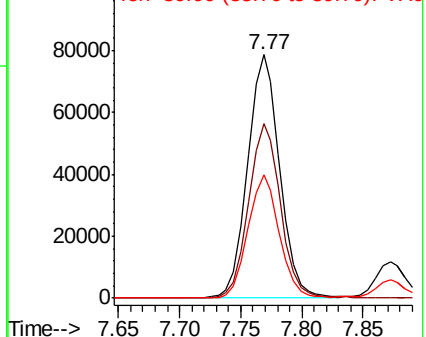
41 100

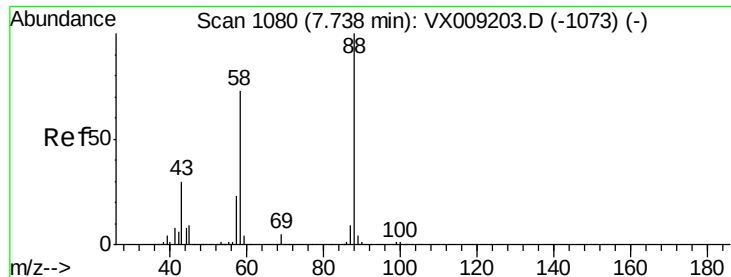
69 72.2 59.1 88.7

39 49.8 40.4 60.6



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

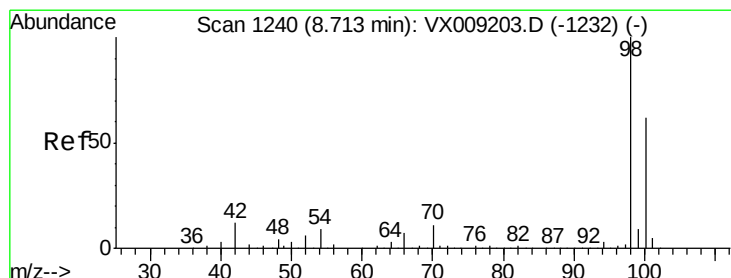
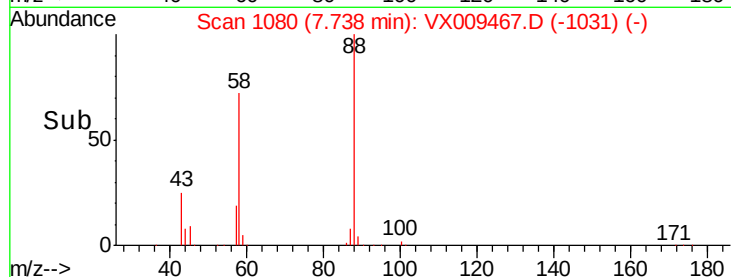
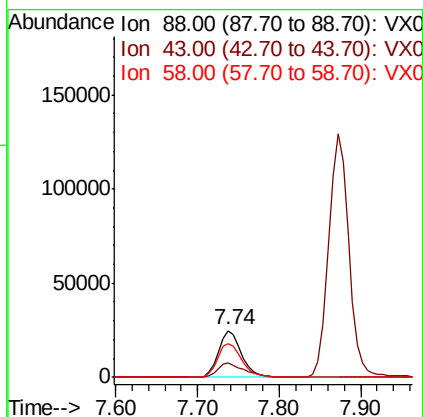
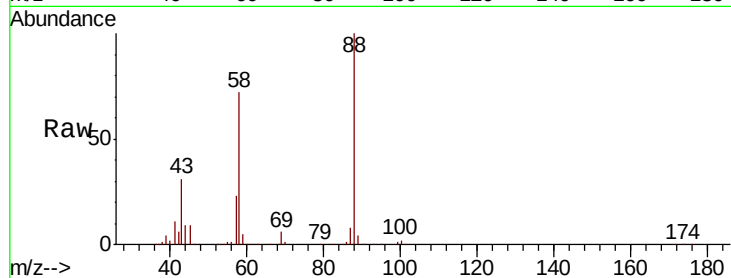




#49
1,4-Dioxane
Concen: 919.102 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

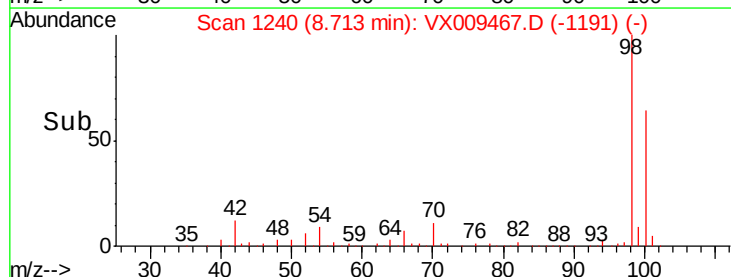
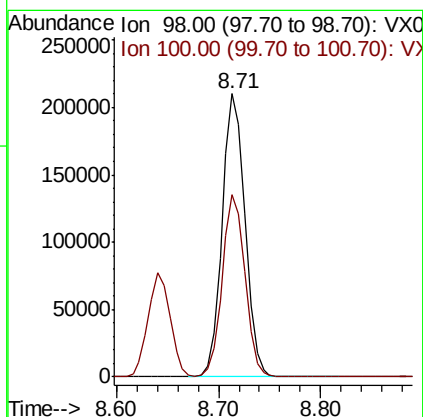
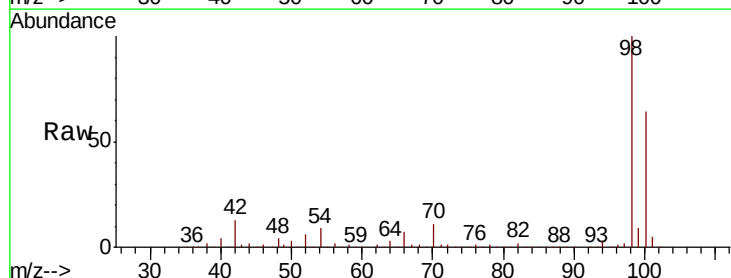
Instrument :
MSVOA_X
ClientSampleId :

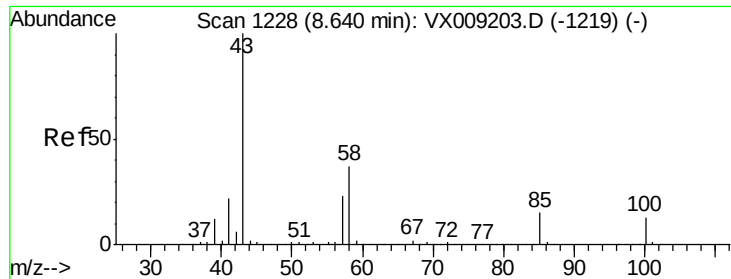
Tot Ion: 88 Resp: 48628
Ion Ratio Lower Upper
88 100
43 35.6 28.6 42.8
58 77.4 61.7 92.5



#50
Toluene-d8
Concen: 50.813 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 98 Resp: 327438
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 270.323 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

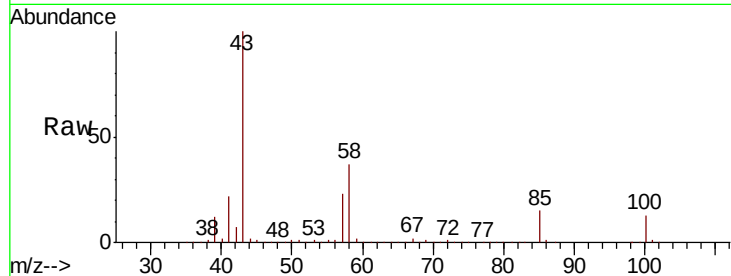
ClientSampleId :

Tot Ion: 43 Resp: 929131

Ion Ratio Lower Upper

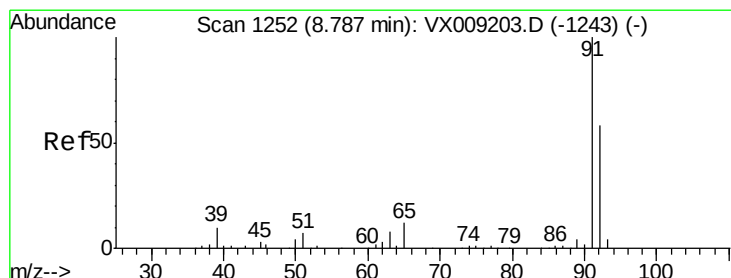
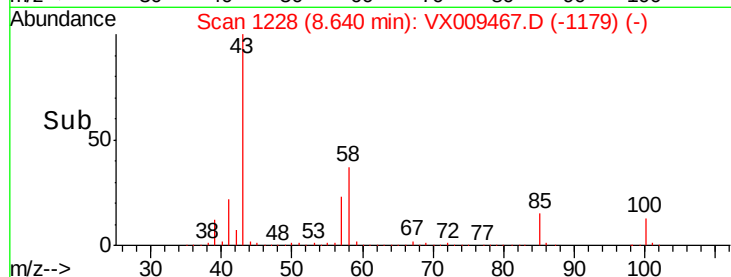
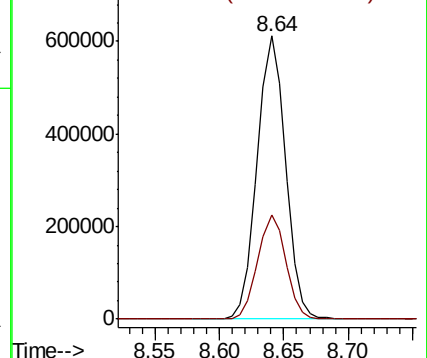
43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.092 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009467.D

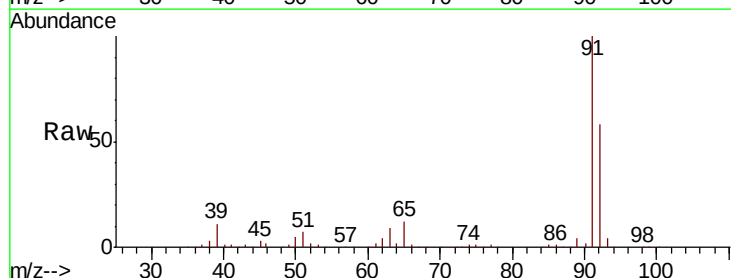
Acq: 10 May 2019 07:19

Tgt Ion: 92 Resp: 240108

Ion Ratio Lower Upper

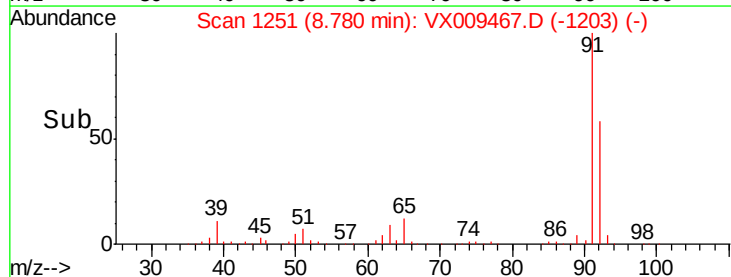
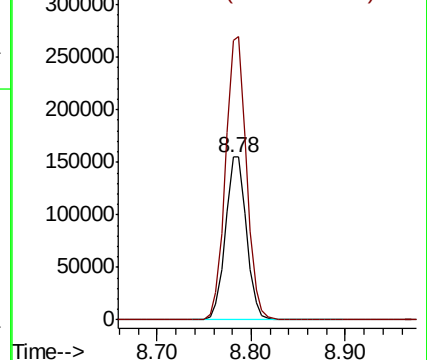
92 100

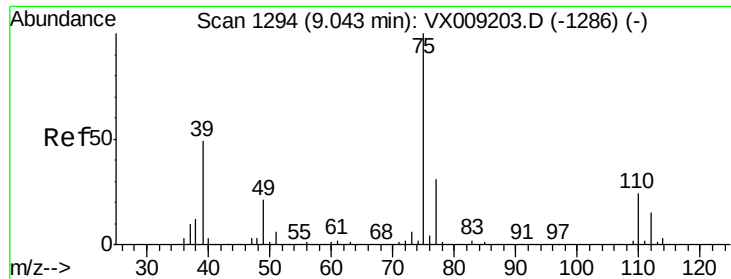
91 172.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.272 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

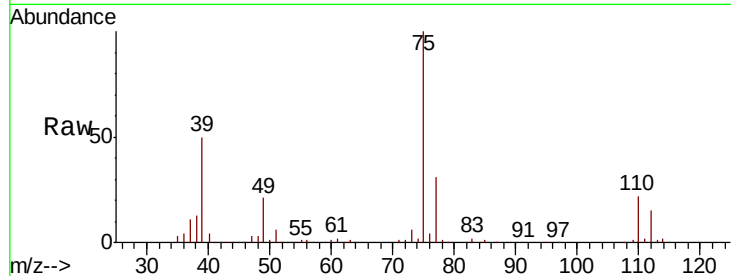
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 138648

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

60000

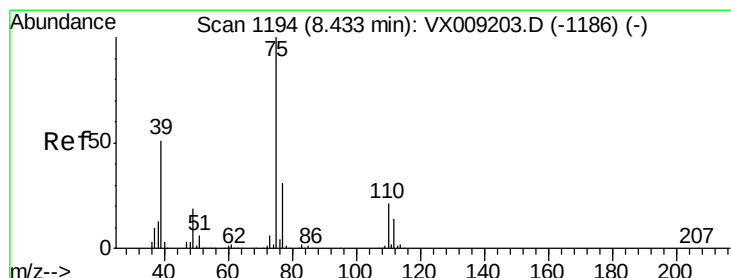
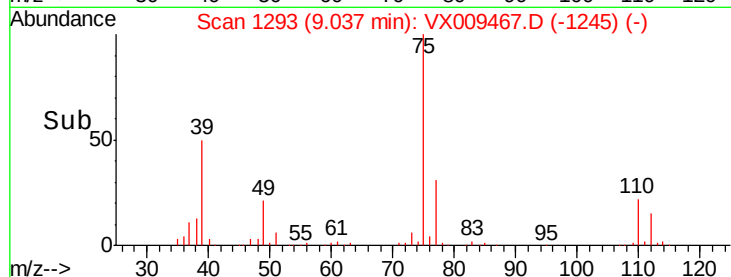
40000

20000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.891 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

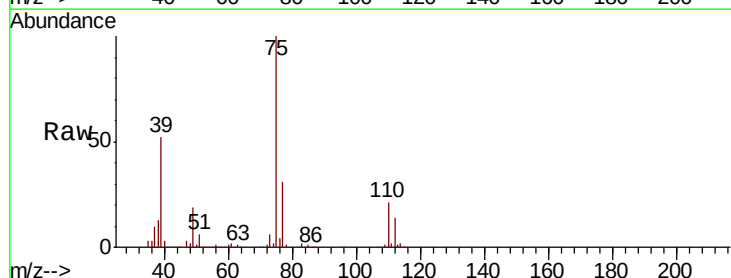
Tgt Ion: 75 Resp: 152321

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 52.2 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

60000

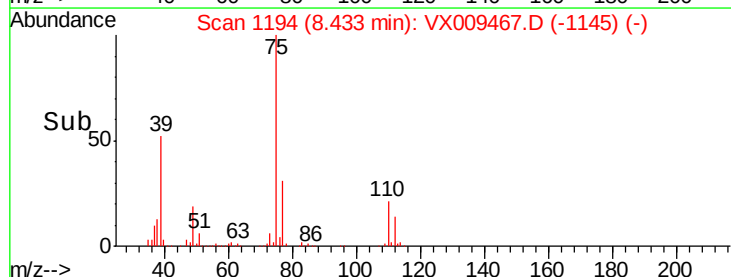
40000

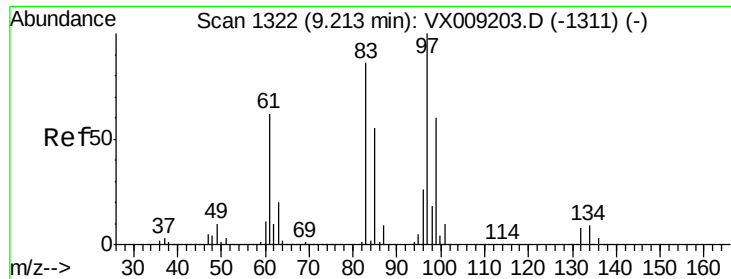
20000

0

8.40 8.50 8.60

Time-->

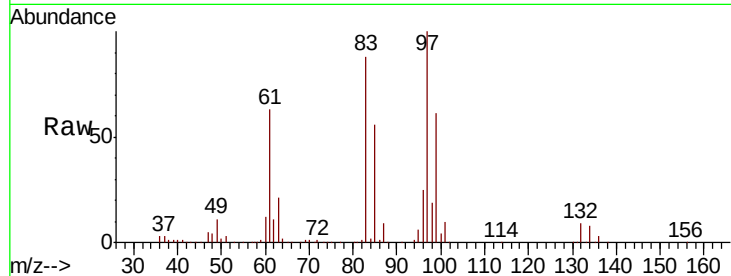




#55
 1,1,2-Trichloroethane
 Concen: 53.678 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion:	97	Resp:	97207
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.9	103.3
85	56.4	43.8	65.6
99	61.3	48.2	72.2



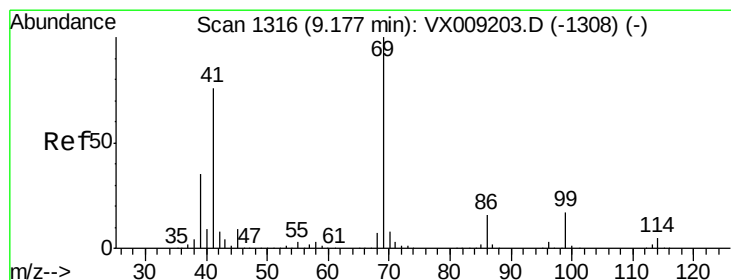
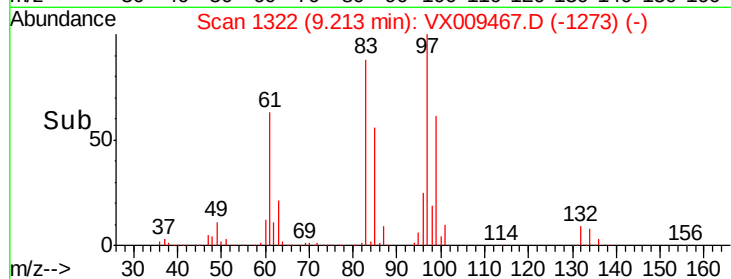
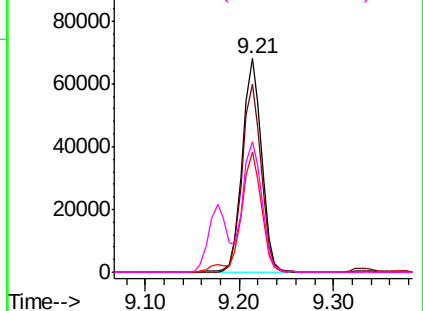
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

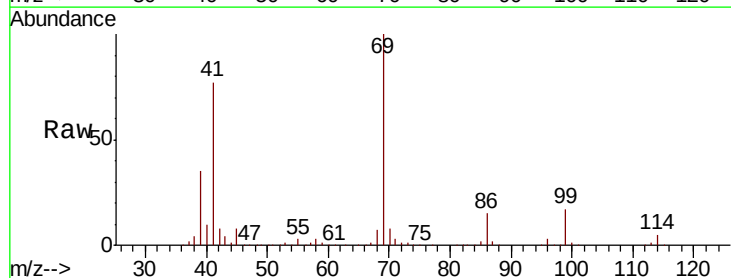
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.320 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion:	69	Resp:	175597
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.6	90.8
39	35.5	28.2	42.4

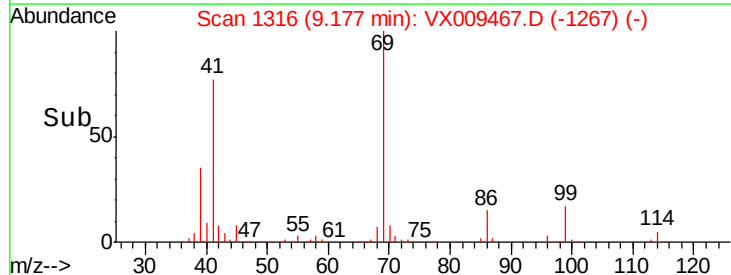
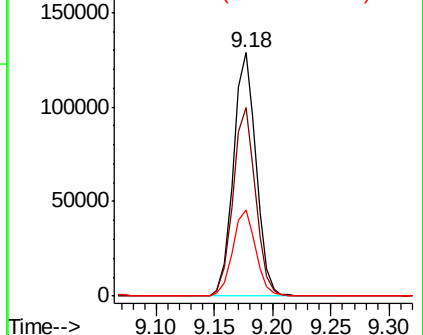


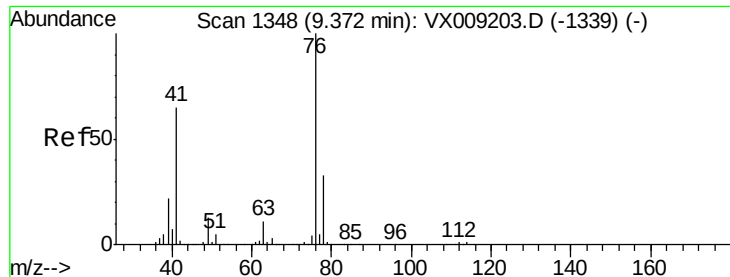
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

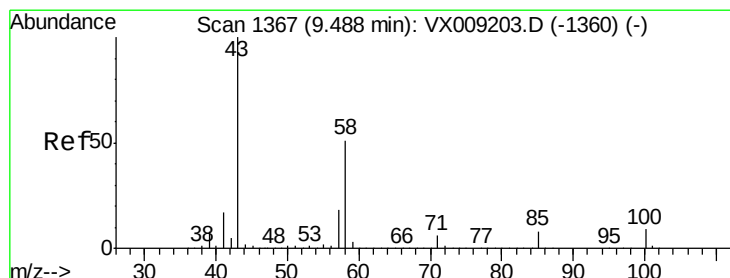
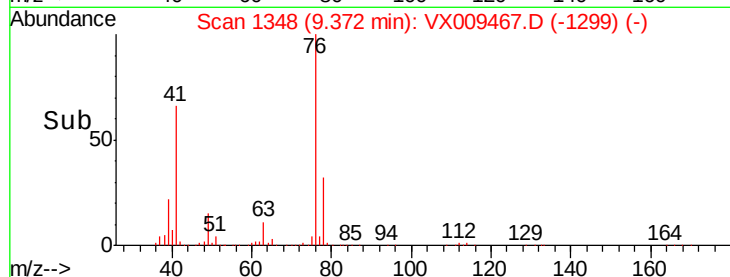
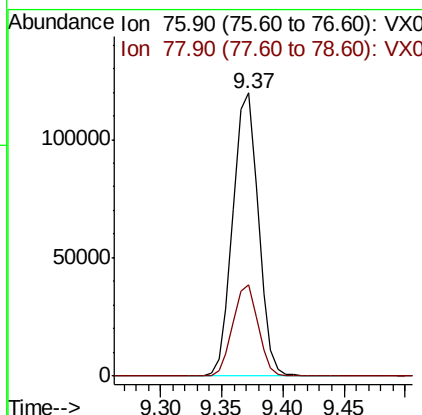
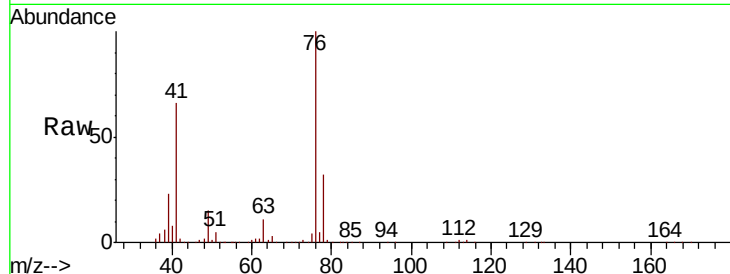




#57
 1,3-Dichloropropane
 Concen: 54.160 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

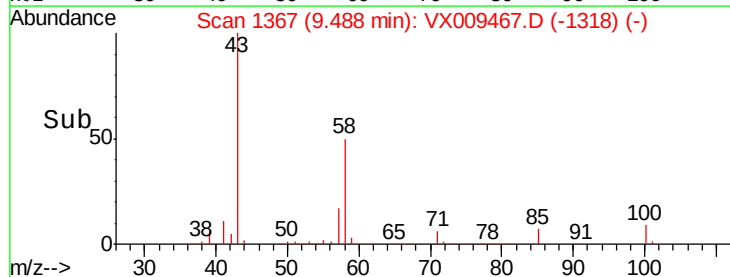
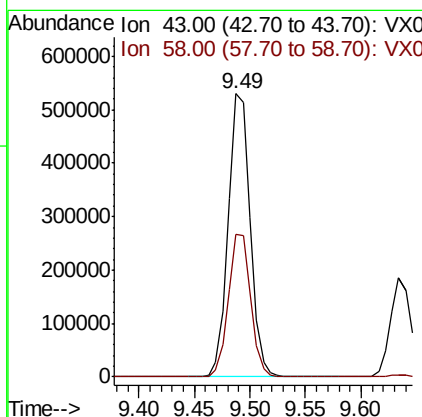
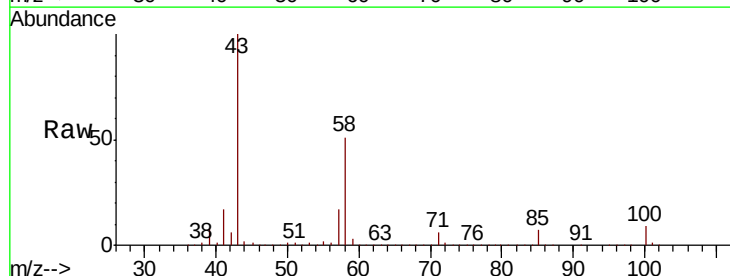
Instrument :
 MSVOA_X
 ClientSampleId :

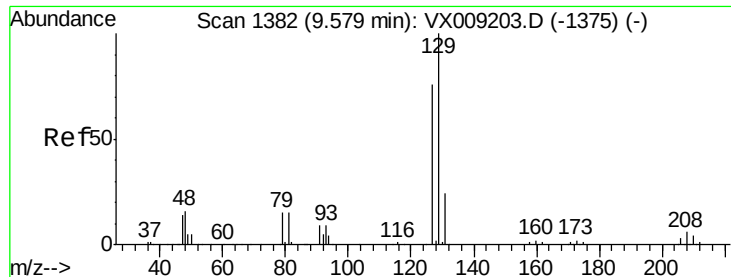
Tot Ion: 76 Resp: 172598
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#59
 2-Hexanone
 Concen: 268.342 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 43 Resp: 724378
 Ion Ratio Lower Upper
 43 100
 58 51.1 25.9 77.7





#60

Dibromochloromethane

Concen: 54.771 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

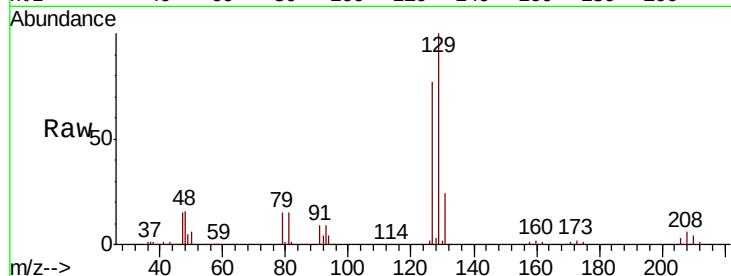
ClientSampleId :

Tot Ion:129 Resp: 96874

Ion Ratio Lower Upper

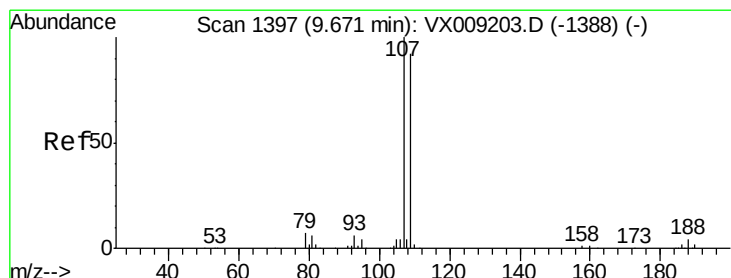
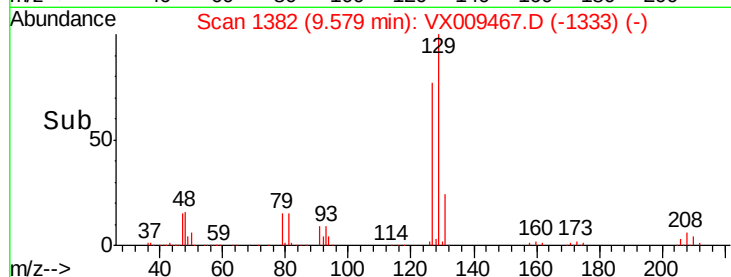
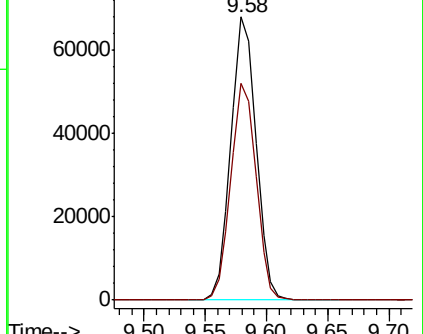
129 100

127 76.7 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.370 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009467.D

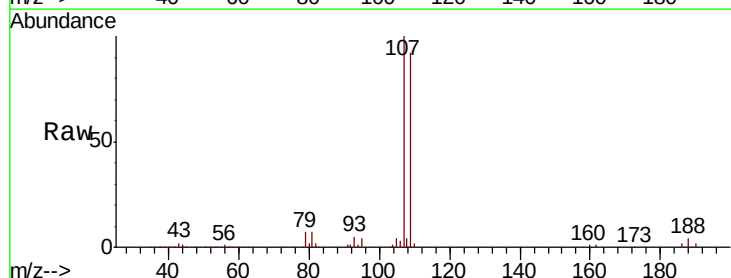
Acq: 10 May 2019 07:19

Tgt Ion:107 Resp: 99390

Ion Ratio Lower Upper

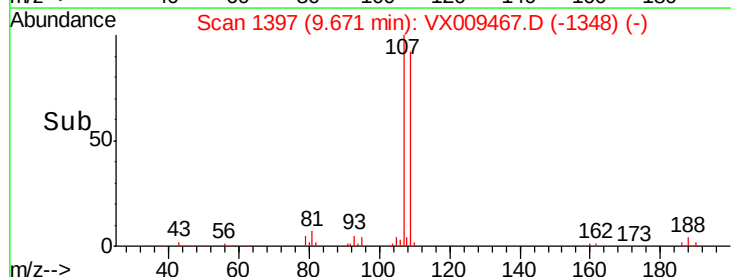
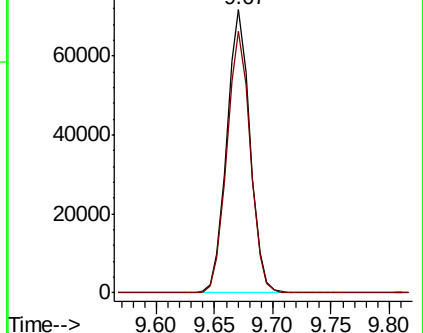
107 100

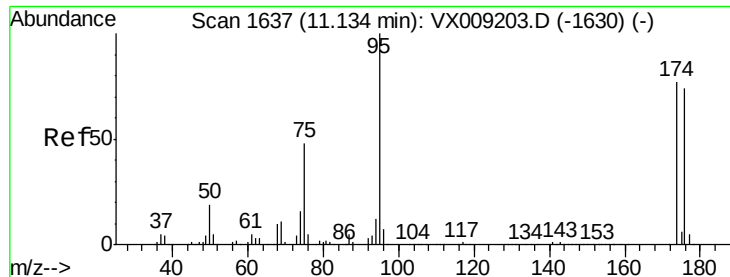
109 93.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.187 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

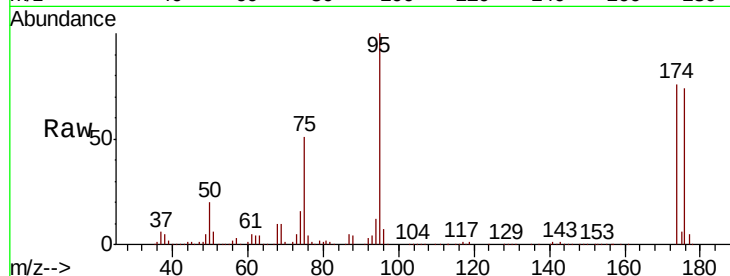
Tot Ion: 95 Resp: 119852

Ion Ratio Lower Upper

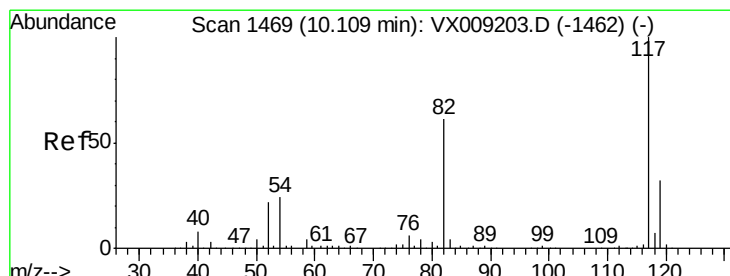
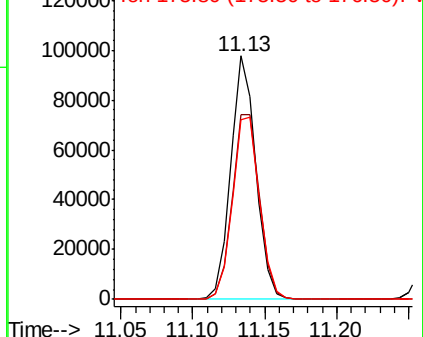
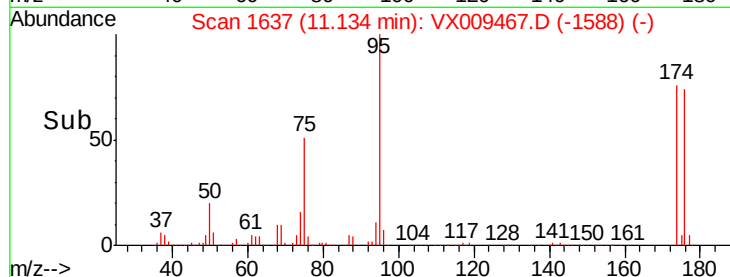
95 100

174 82.2 0.0 161.6

176 80.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009467.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

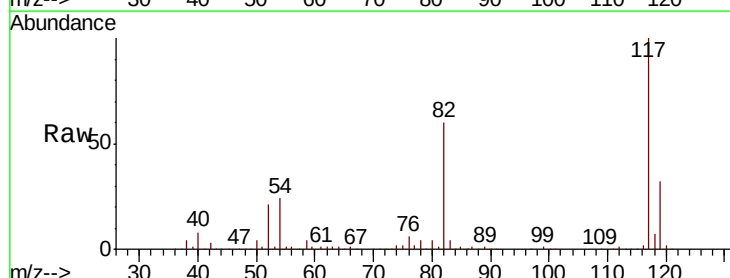
Tgt Ion: 117 Resp: 232017

Ion Ratio Lower Upper

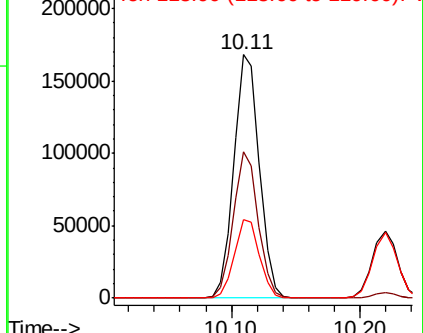
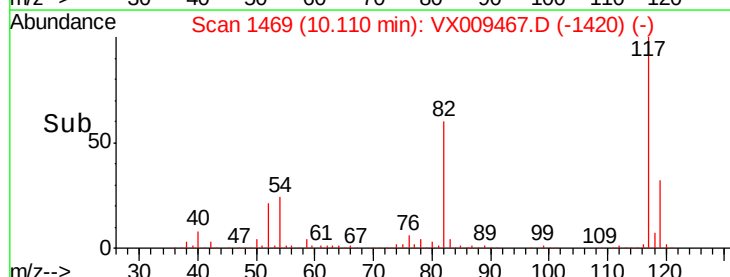
117 100

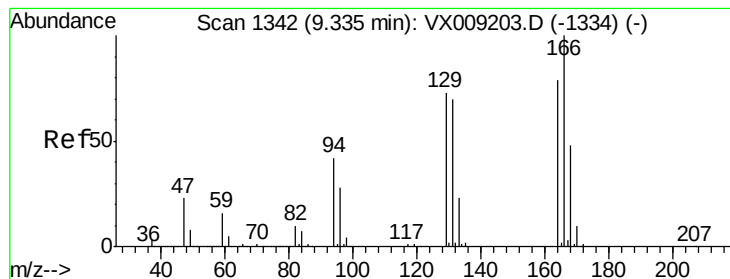
82 60.2 48.8 73.2

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009467.D (-1420) (-)





#64

Tetrachloroethene

Concen: 50.596 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 80526

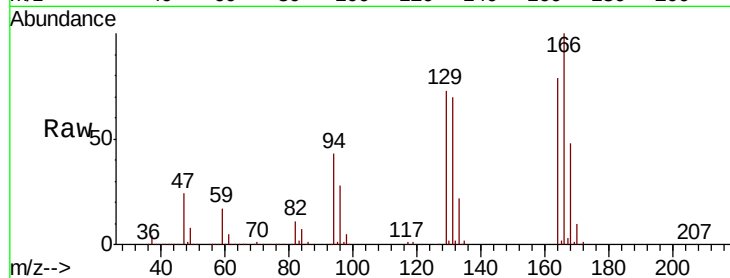
Ion Ratio Lower Upper

164 100

166 126.8 101.2 151.8

129 92.3 74.3 111.5

131 88.6 71.0 106.6



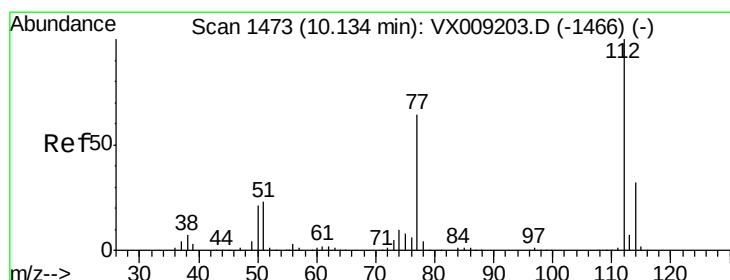
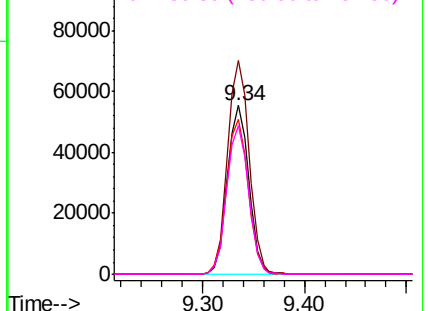
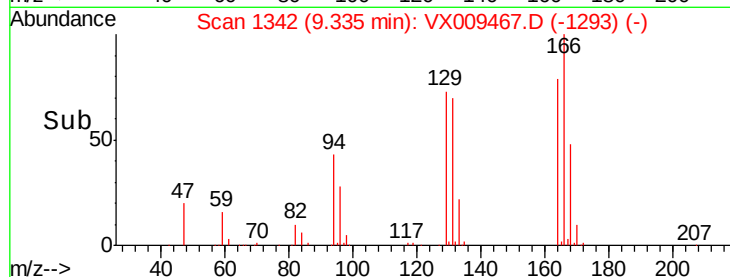
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 53.244 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009467.D

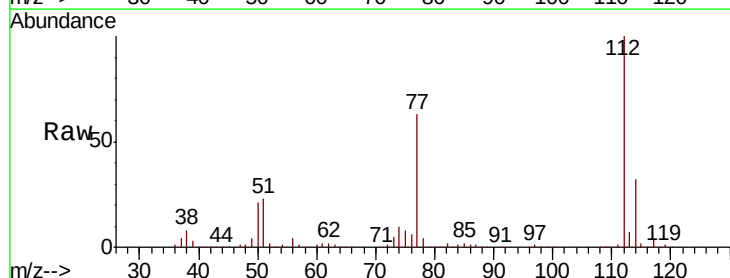
Acq: 10 May 2019 07:19

Tgt Ion:112 Resp: 247124

Ion Ratio Lower Upper

112 100

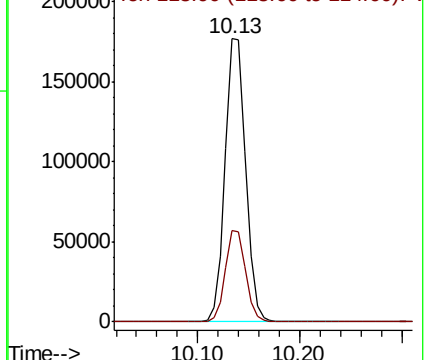
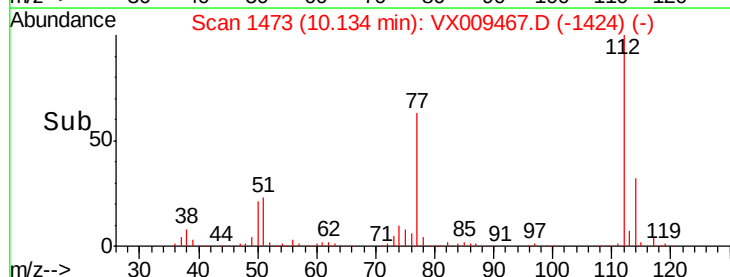
114 32.2 25.5 38.3

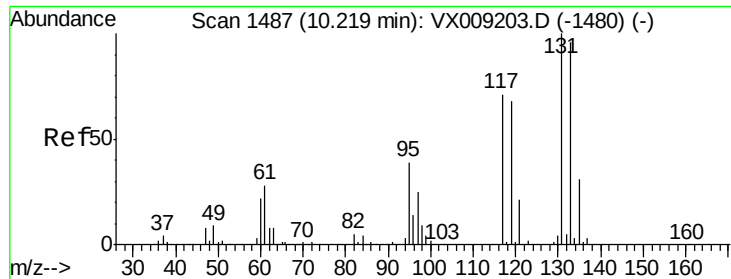


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

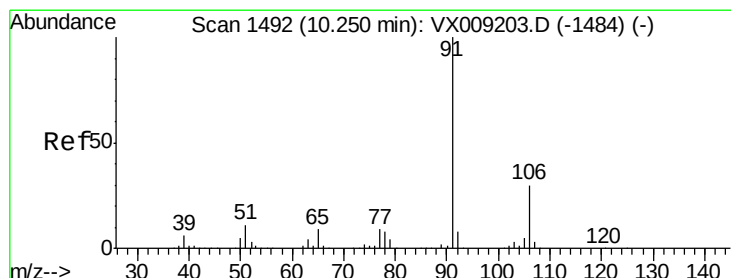
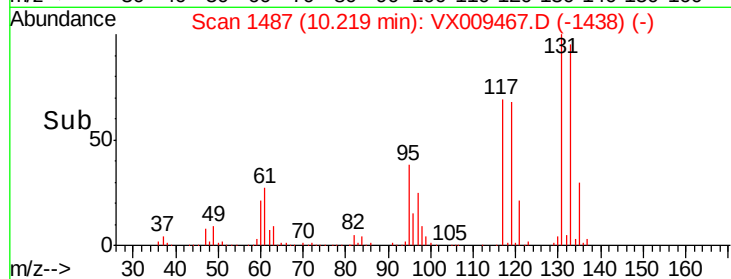
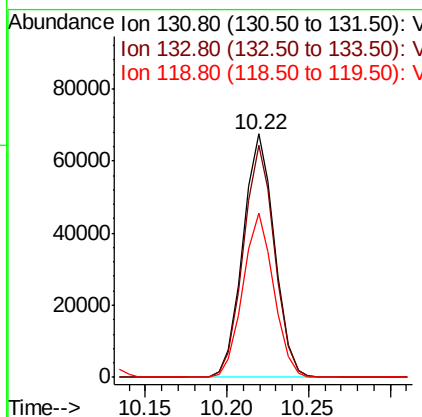
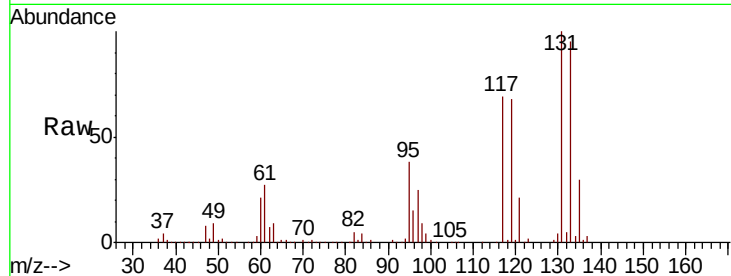




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.031 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

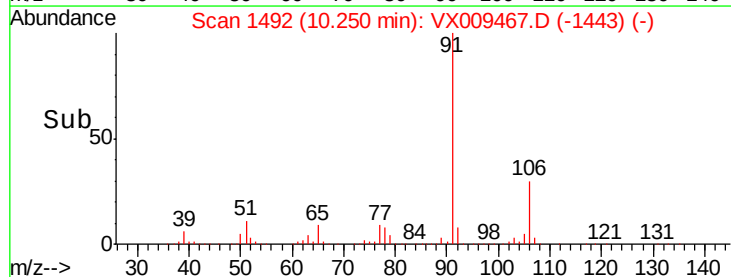
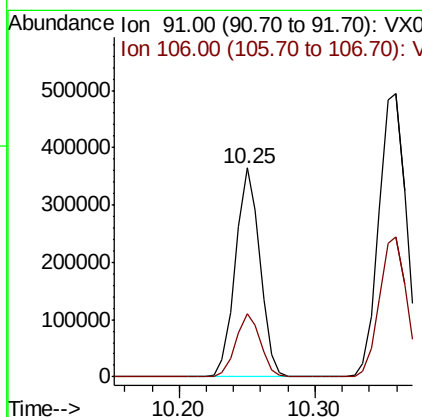
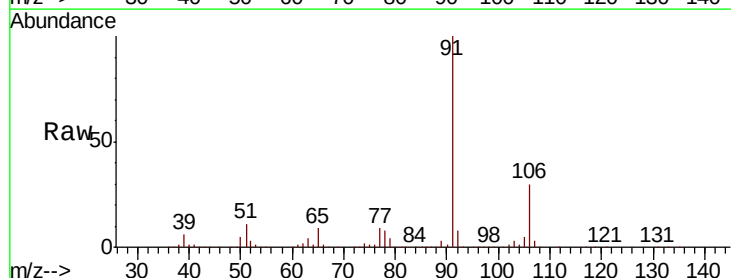
Instrument :
 MSVOA_X
 ClientSampleId :

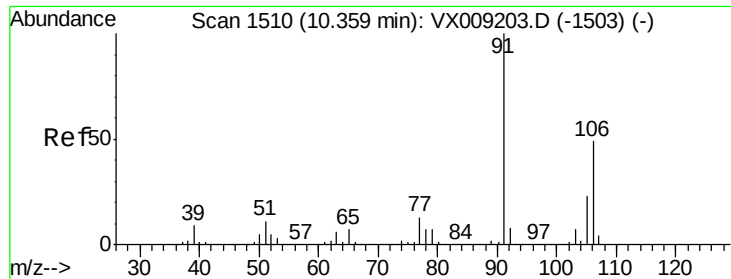
Tot Ion:131 Resp: 90918
 Ion Ratio Lower Upper
 131 100
 133 94.5 47.7 143.1
 119 66.0 33.5 100.4



#67
 Ethyl Benzene
 Concen: 53.736 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 91 Resp: 459006
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.0 36.0





#68

m/p-Xylenes

Concen: 108.350 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

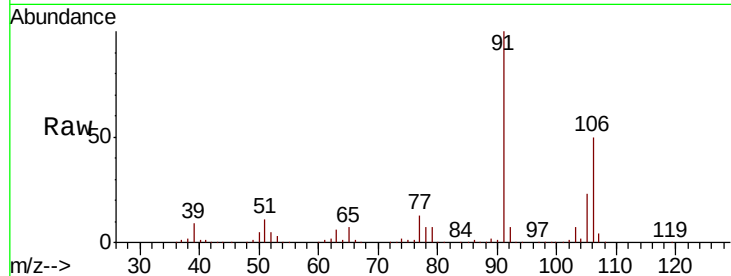
ClientSampleId :

Tot Ion:106 Resp: 338212

Ion Ratio Lower Upper

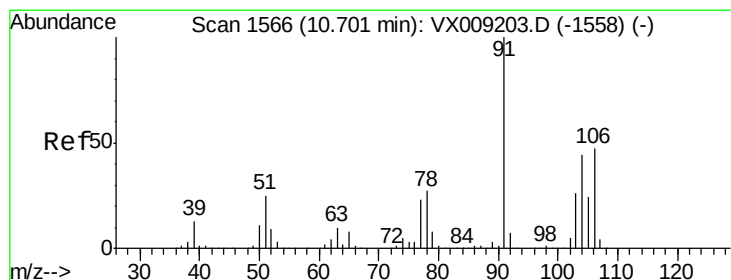
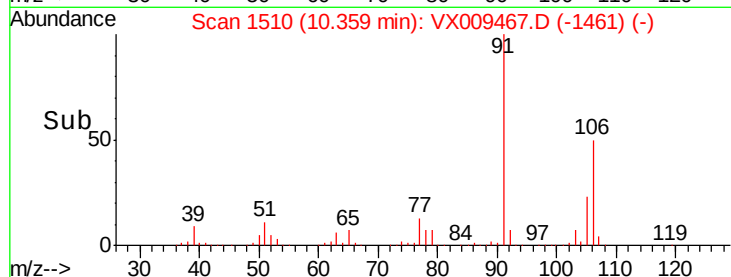
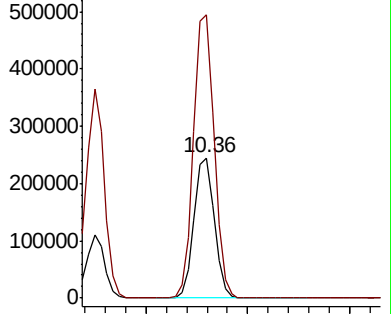
106 100

91 205.1 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 53.601 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX009467.D

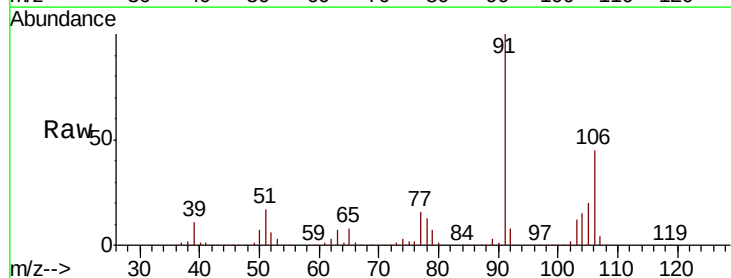
Acq: 10 May 2019 07:19

Tgt Ion:106 Resp: 165081

Ion Ratio Lower Upper

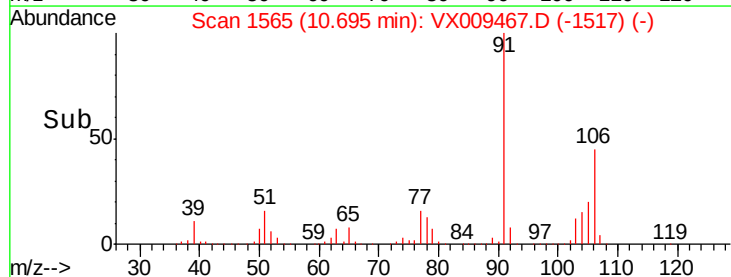
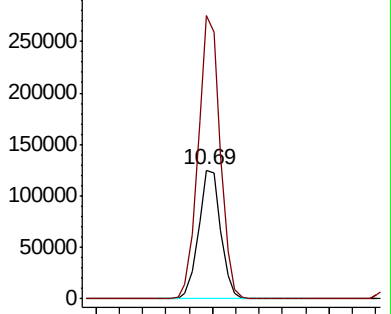
106 100

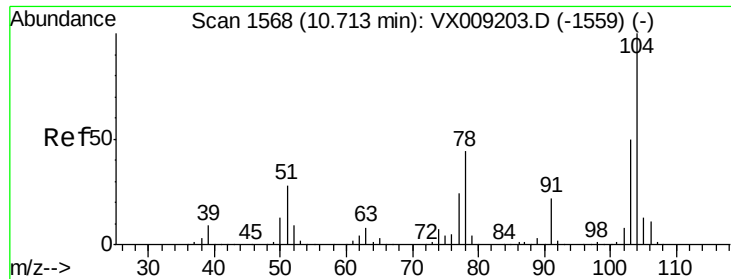
91 217.8 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

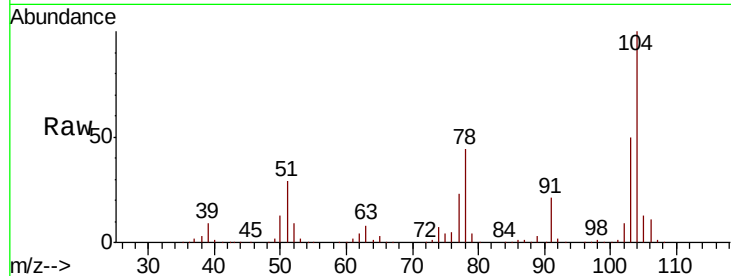




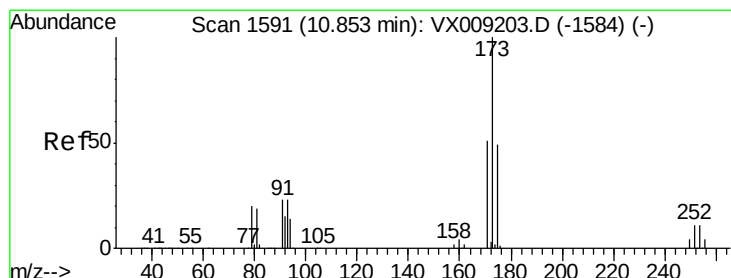
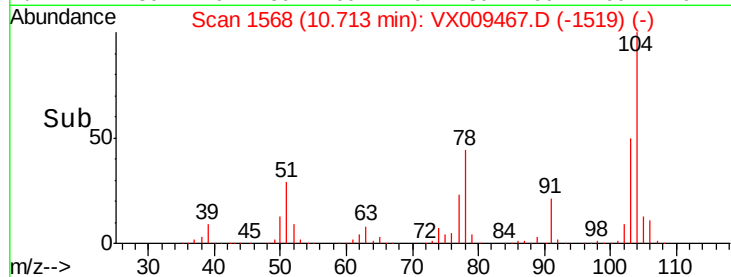
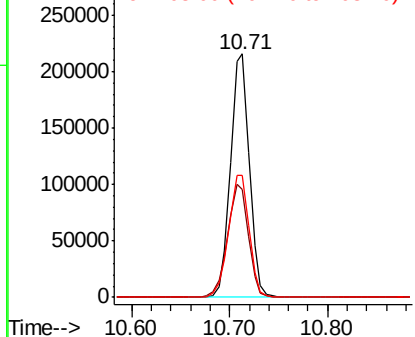
#70
Stvrene
Concen: 53.874 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 288384
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.0 43.8 65.6

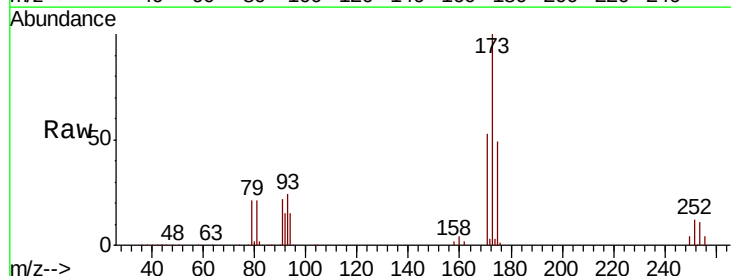


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

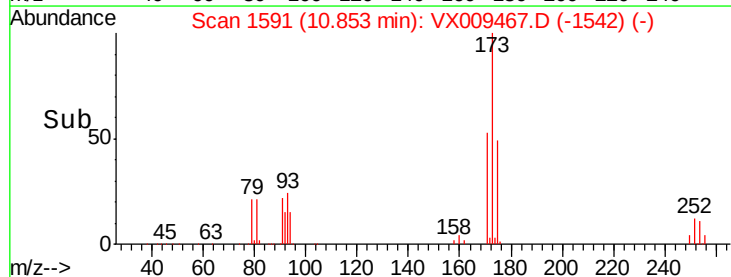
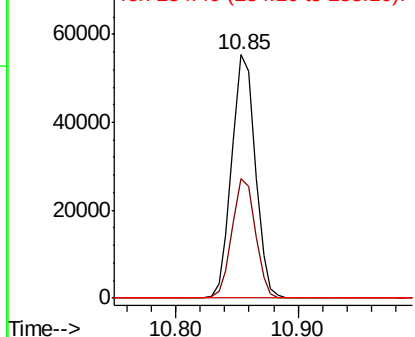


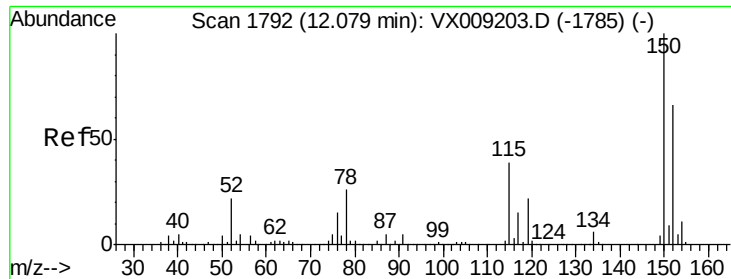
#71
Bromoform
Concen: 53.917 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion:173 Resp: 73729
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



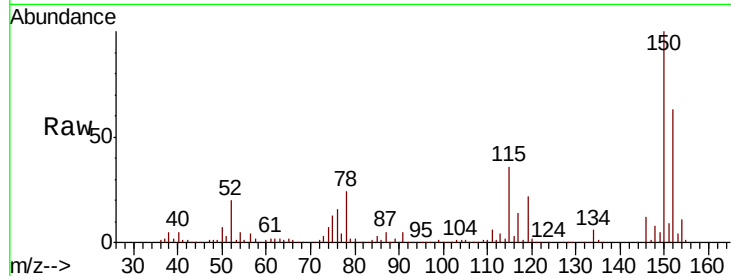


#72

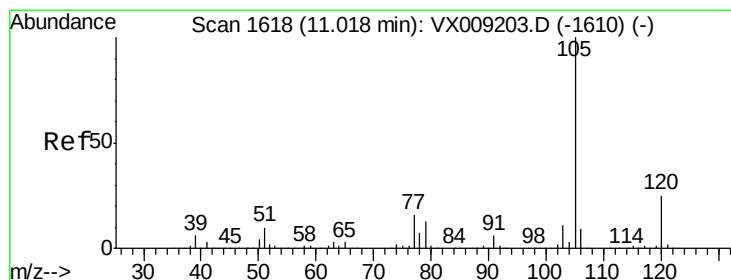
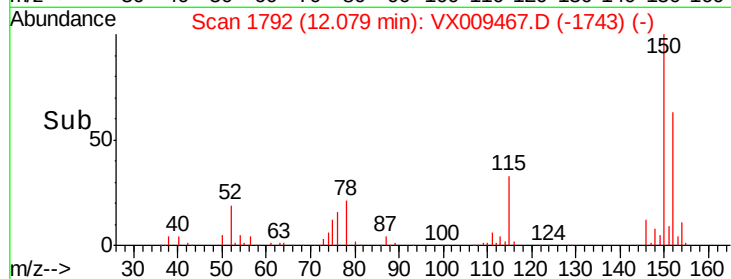
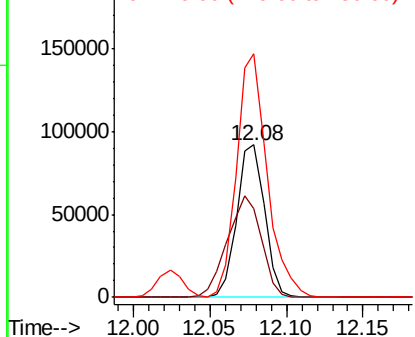
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 115668
Ion Ratio Lower Upper
152 100
115 81.1 41.2 123.6
150 175.6 0.0 346.4



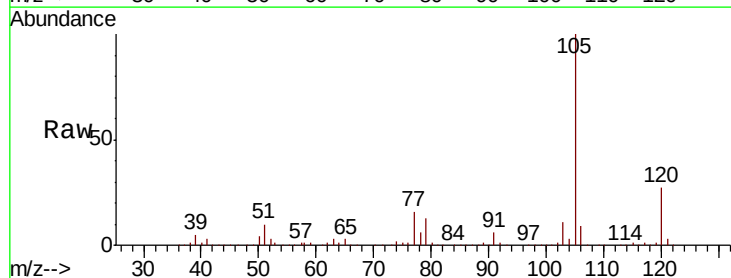
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



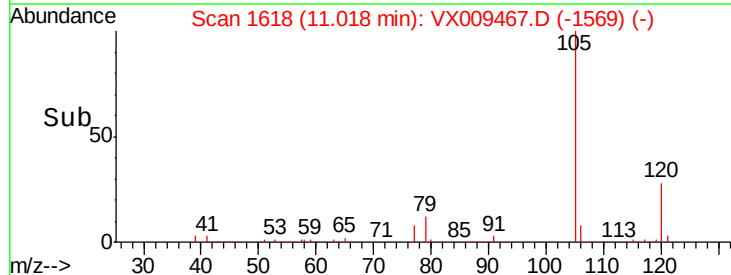
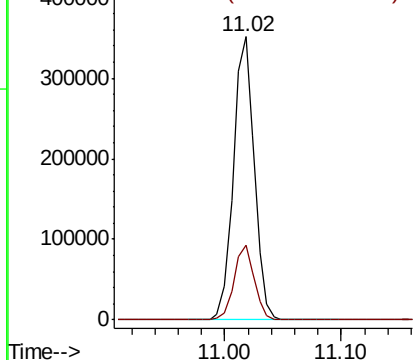
#73

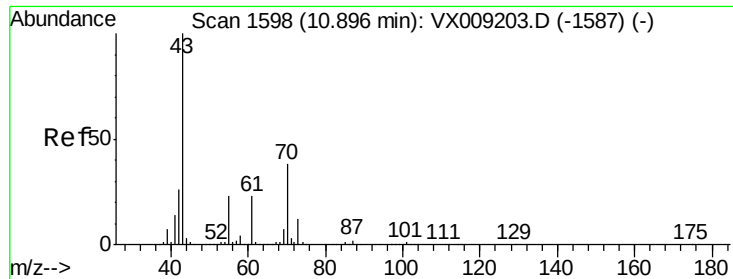
Isopropylbenzene
Concen: 51.923 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion:105 Resp: 436738
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3



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





#74

N-amvl acetate

Concen: 47.995 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 235358

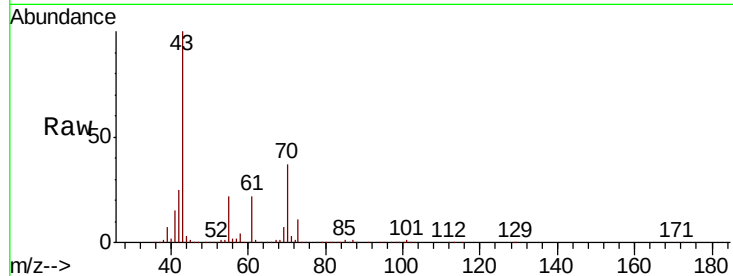
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 22.9 17.9 26.9

61 22.3 18.4 27.6

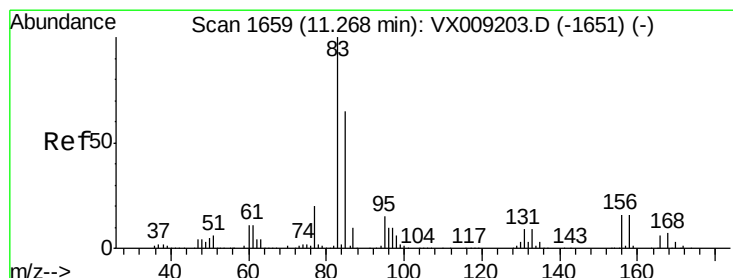
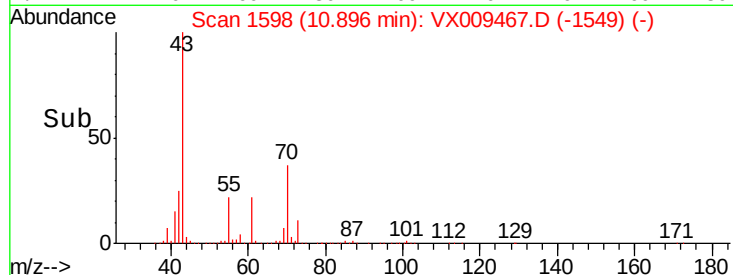
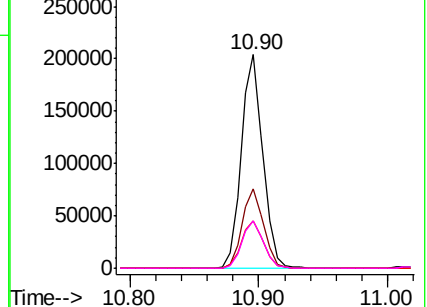


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.863 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

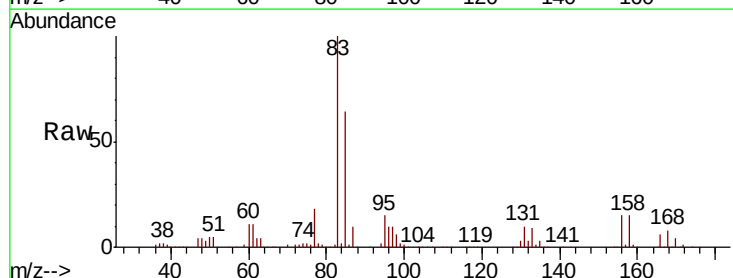
Tgt Ion: 83 Resp: 162620

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

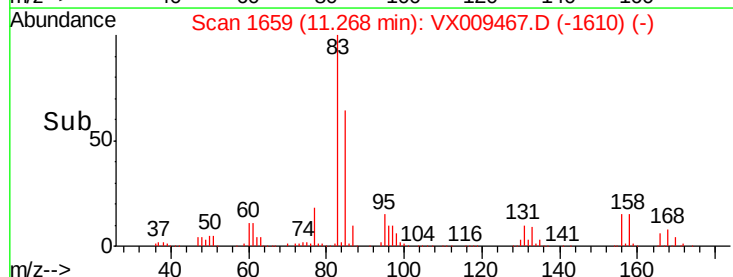
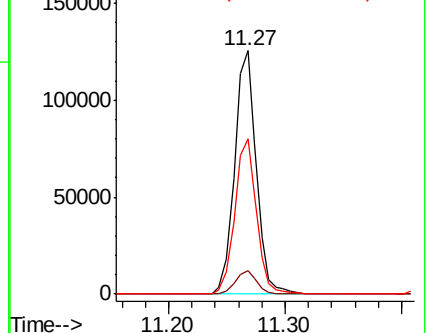
85 64.2 32.0 96.2

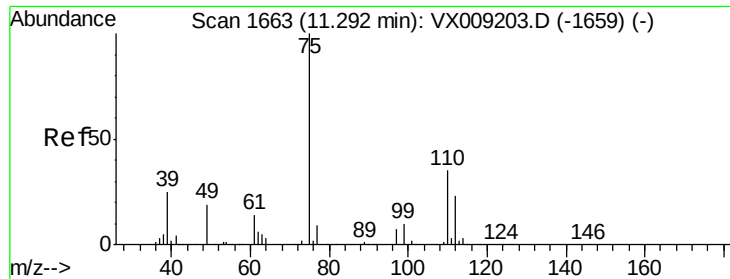


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 68.144 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

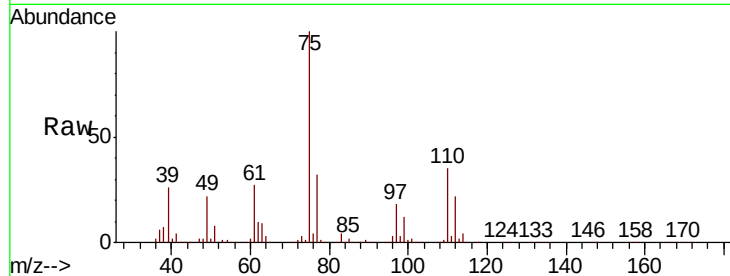
ClientSampleId :

Tot Ion: 75 Resp: 182835

Ion Ratio Lower Upper

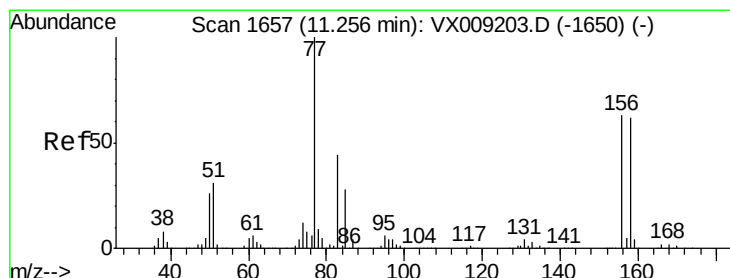
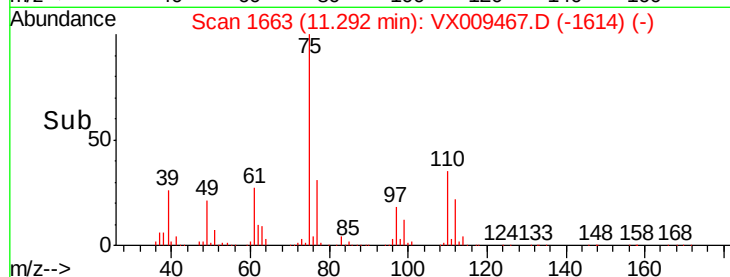
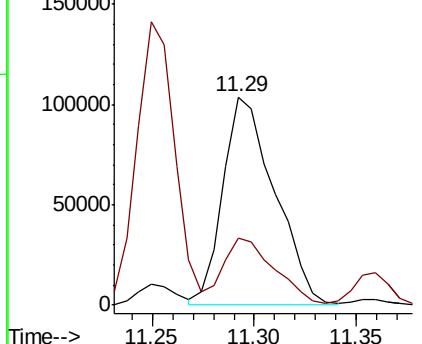
75 100

77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 52.839 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

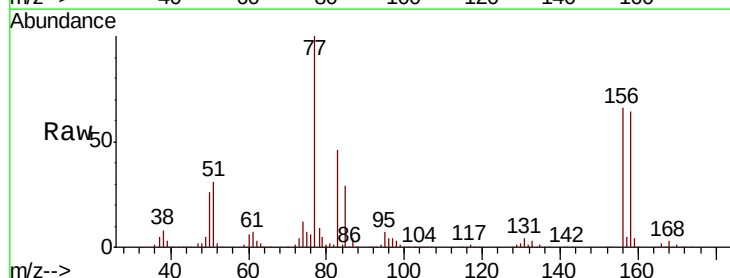
Tgt Ion: 156 Resp: 110313

Ion Ratio Lower Upper

156 100

77 165.9 84.8 254.3

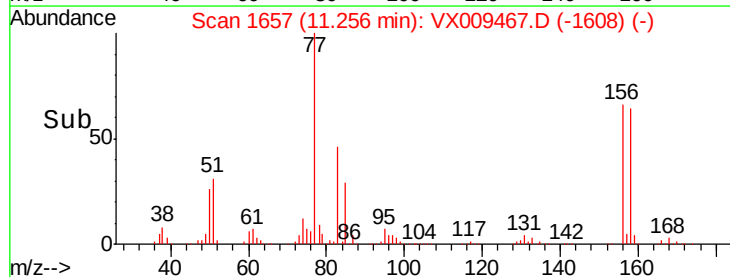
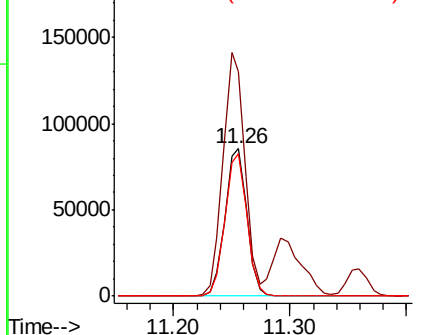
158 97.0 49.1 147.3

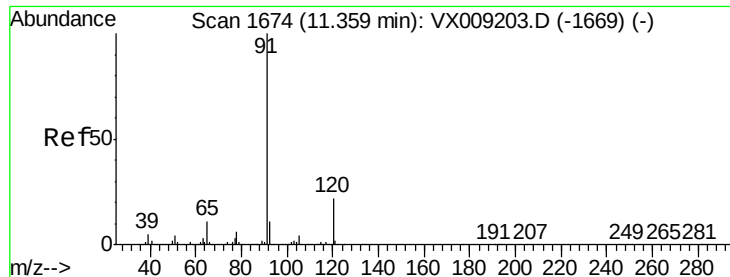


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 52.079 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

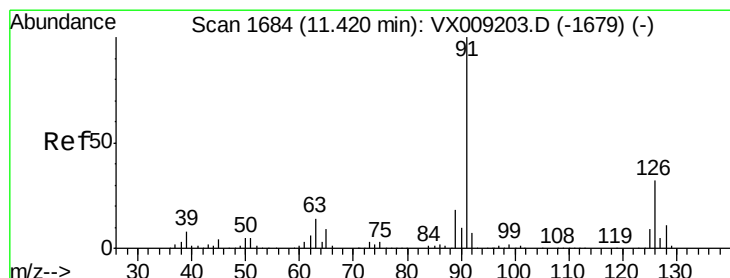
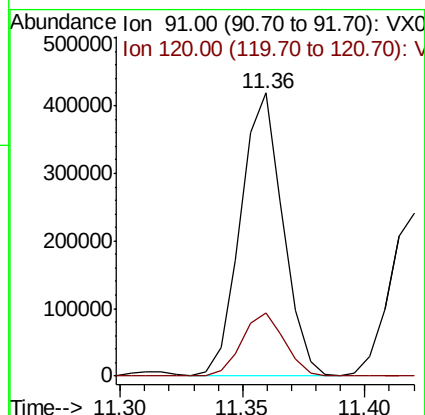
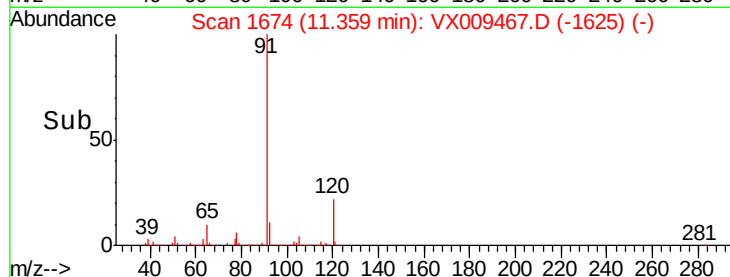
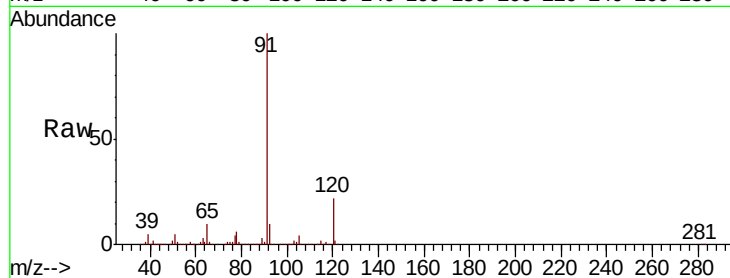
ClientSampled :

Tot Ion: 91 Resp: 500273

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0



#79

2-Chlorotoluene

Concen: 50.589 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009467.D

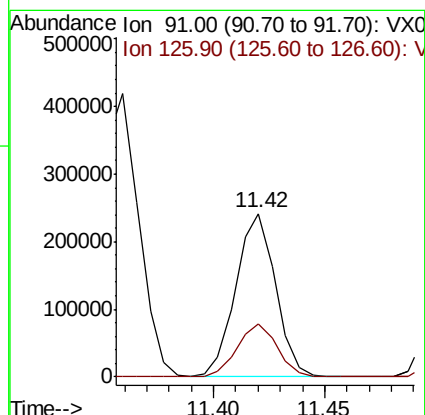
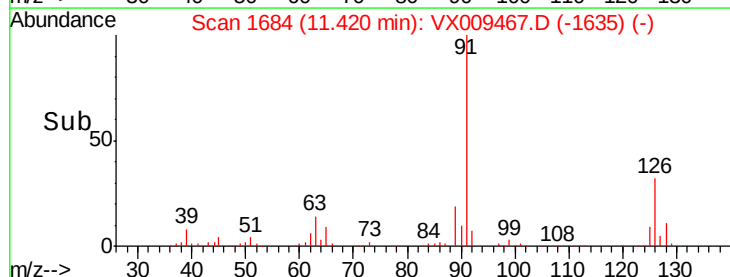
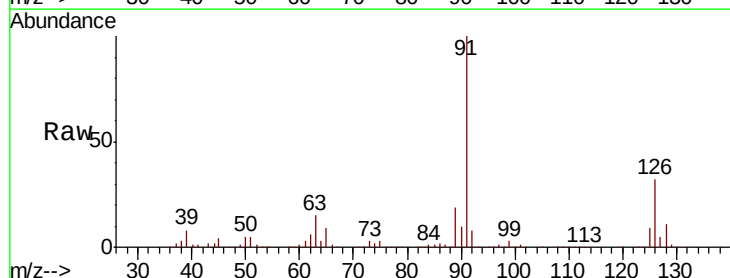
Acq: 10 May 2019 07:19

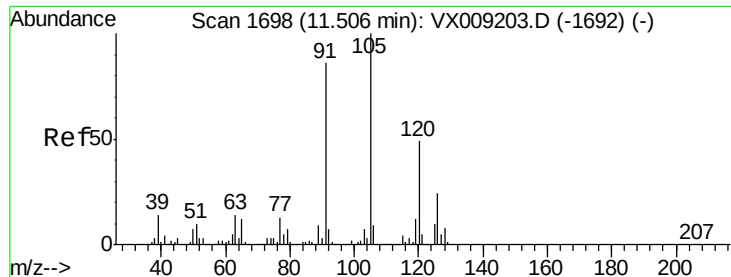
Tgt Ion: 91 Resp: 299812

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

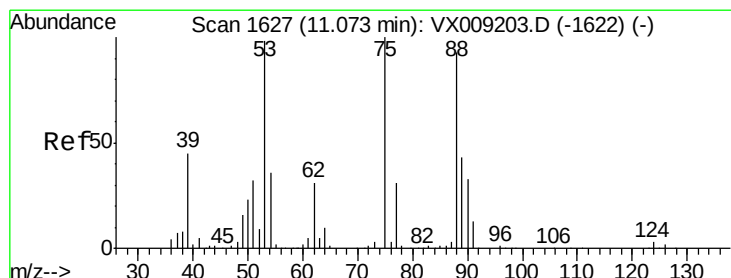
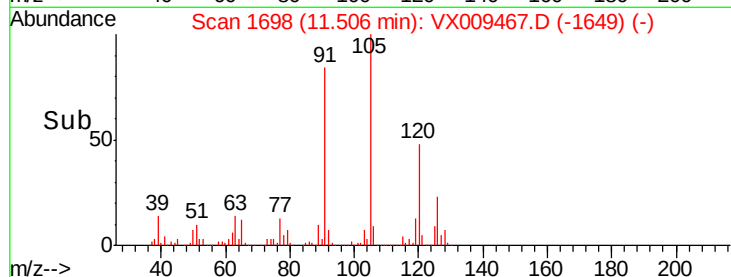
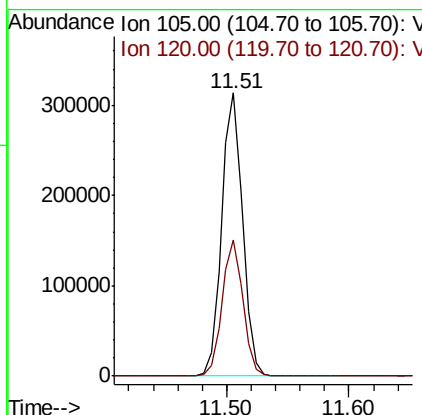
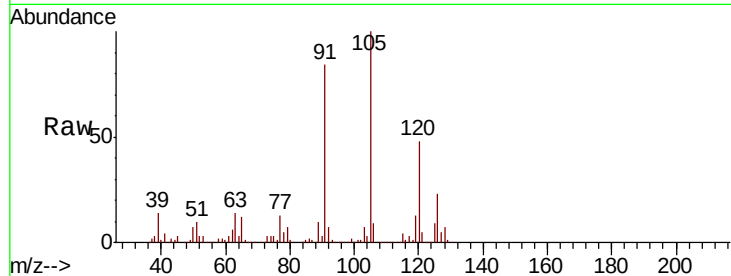




#80
 1,3,5-Trimethylbenzene
 Concen: 52.322 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

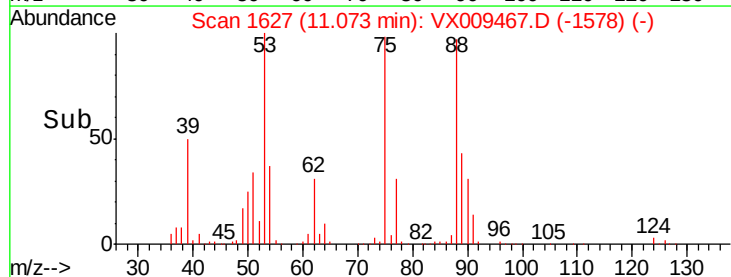
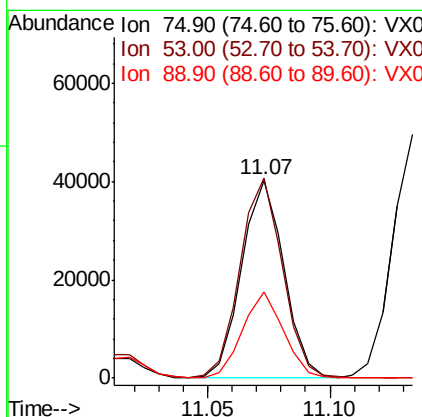
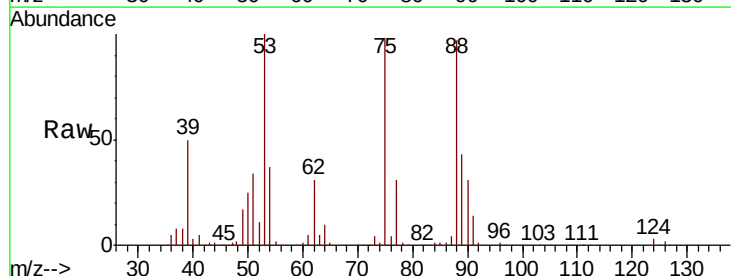
Instrument :
 MSVOA_X
 ClientSampled :

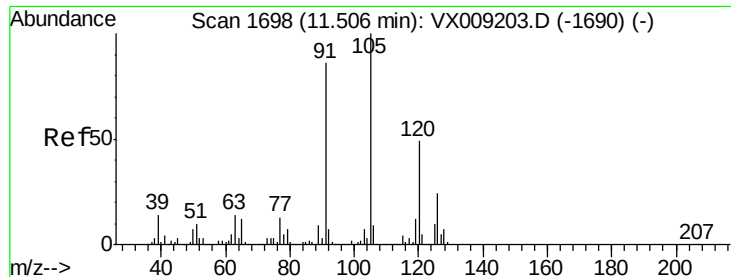
Tot Ion:105 Resp: 370560
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.906 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 75 Resp: 48139
 Ion Ratio Lower Upper
 75 100
 53 102.0 79.0 118.6
 89 42.5 34.7 52.1

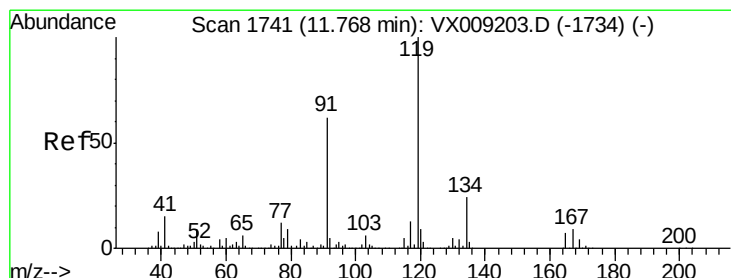
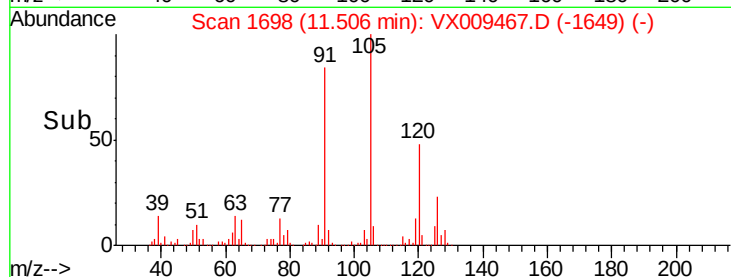
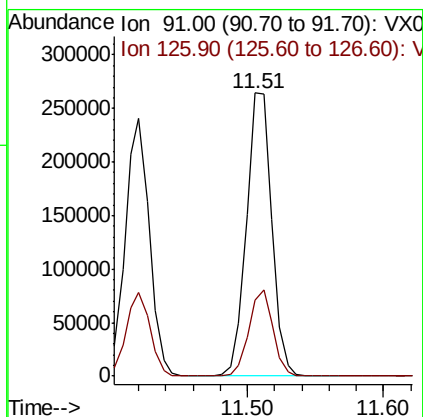
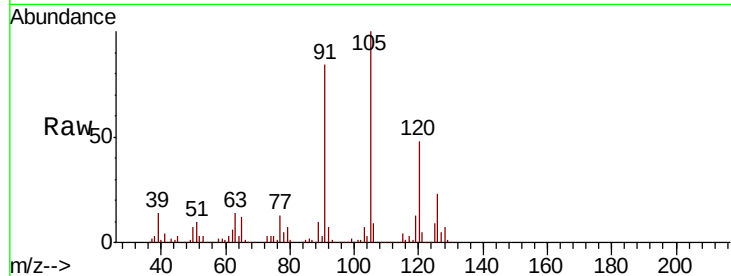




#82
4-Chlorotoluene
Concen: 51.562 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

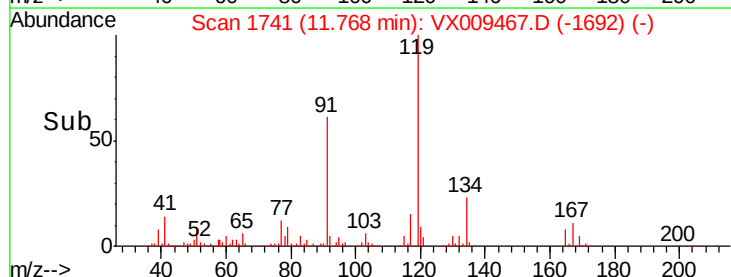
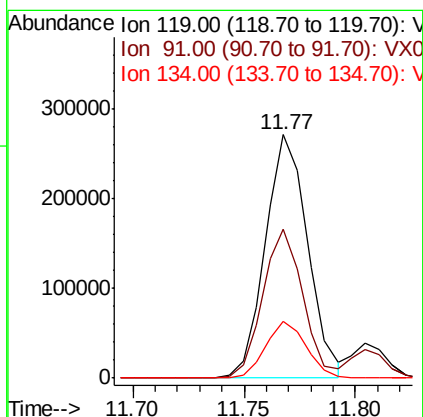
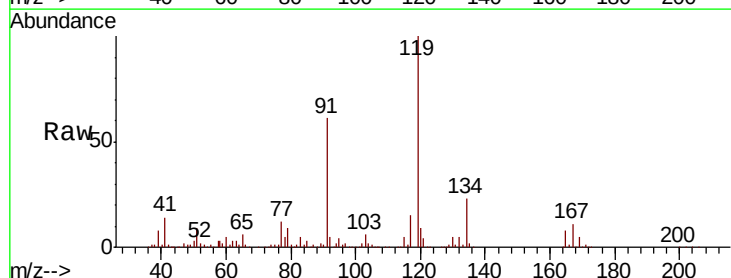
Instrument :
MSVOA_X
ClientSampled :

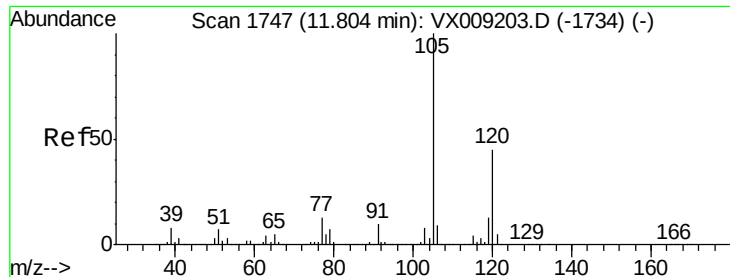
Tot Ion: 91 Resp: 345217
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.6



#83
tert-Butylbenzene
Concen: 51.890 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 119 Resp: 357503
Ion Ratio Lower Upper
119 100
91 58.3 29.5 88.5
134 22.4 11.4 34.1

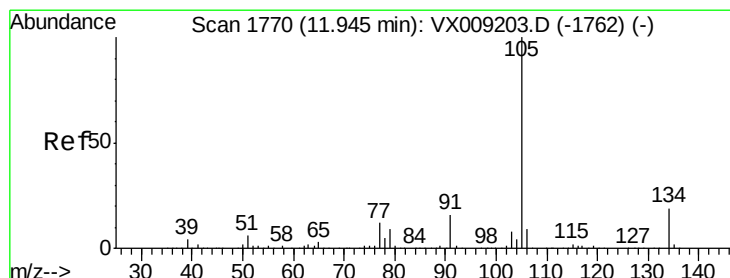
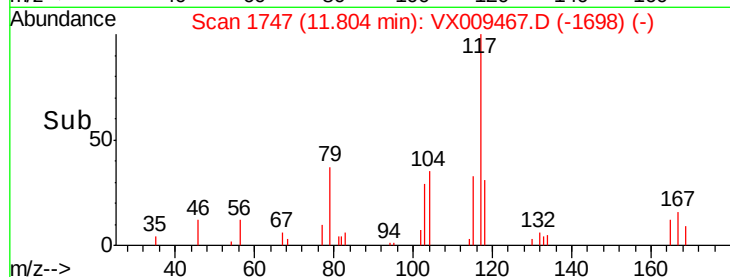
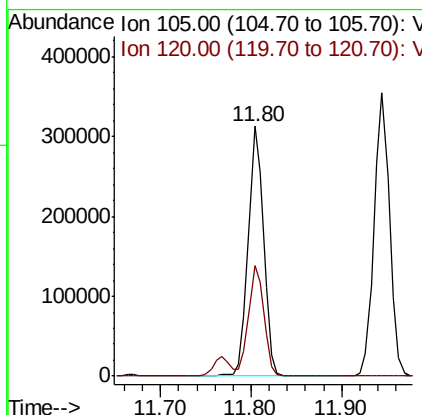
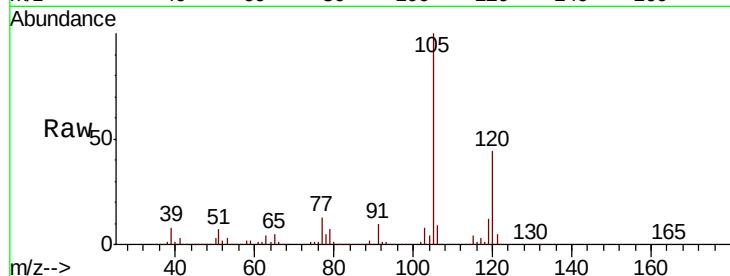




#84
 1,2,4-Trimethylbenzene
 Concen: 52.288 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

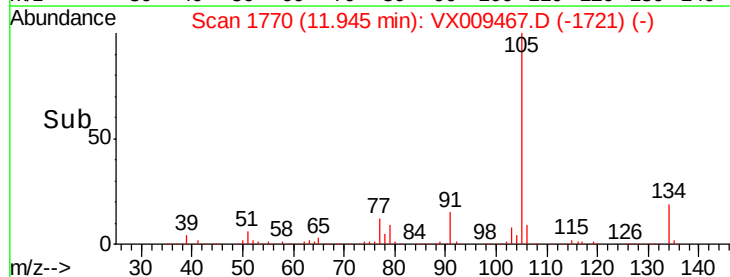
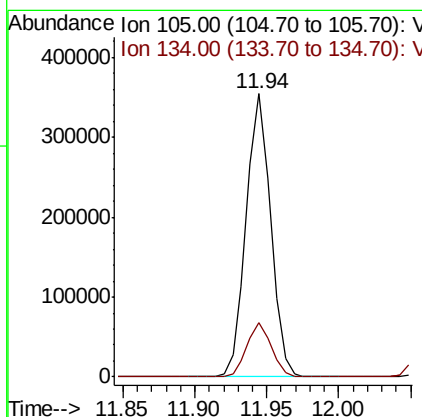
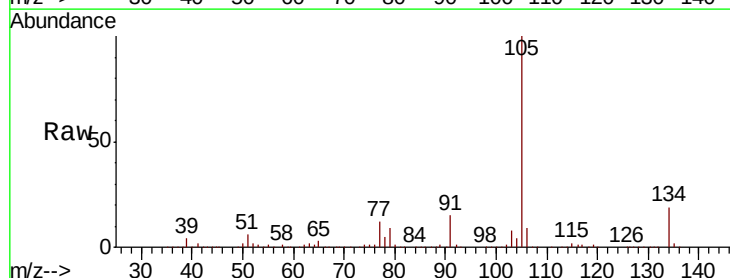
Instrument :
 MSVOA_X
 ClientSampled :

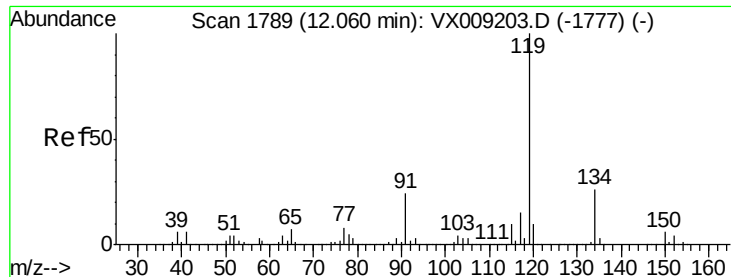
Tot Ion:105 Resp: 371708
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 51.129 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion:105 Resp: 417631
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

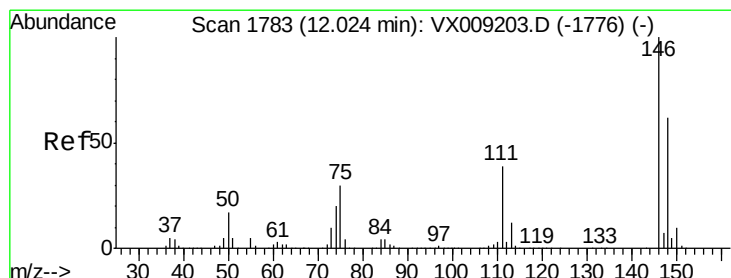
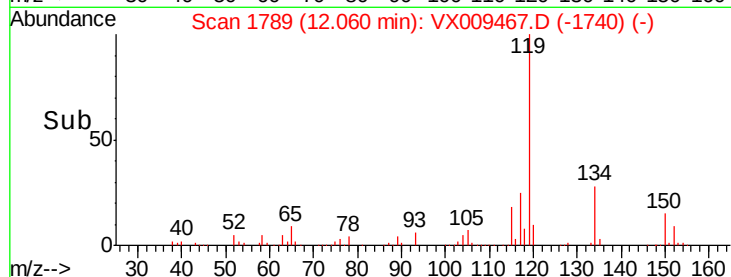
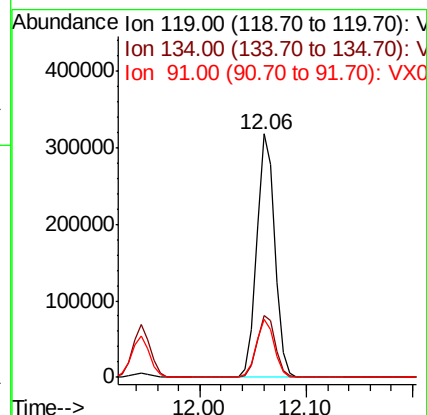
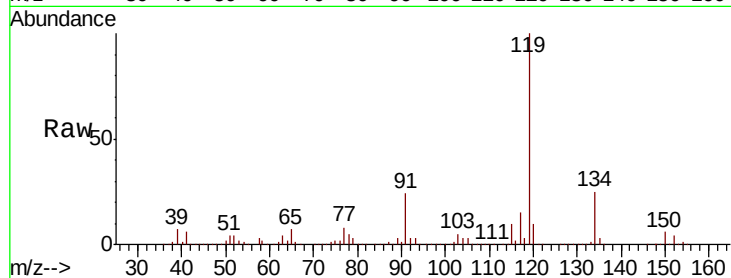




#86
 p-Isopropyltoluene
 Concen: 51.469 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

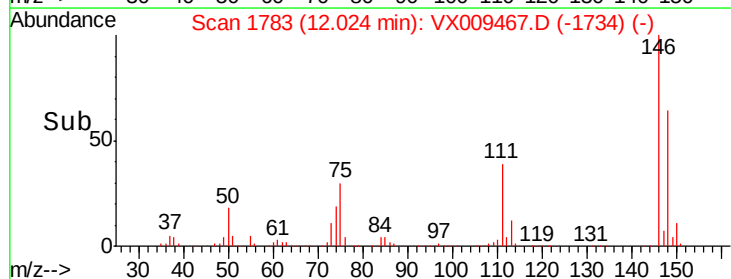
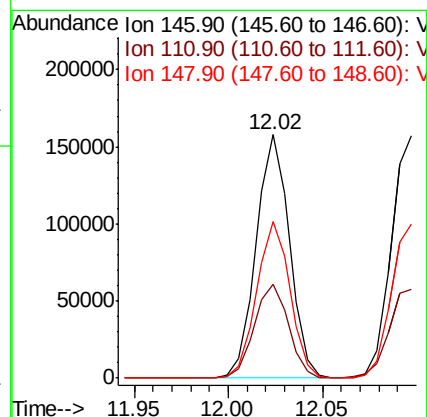
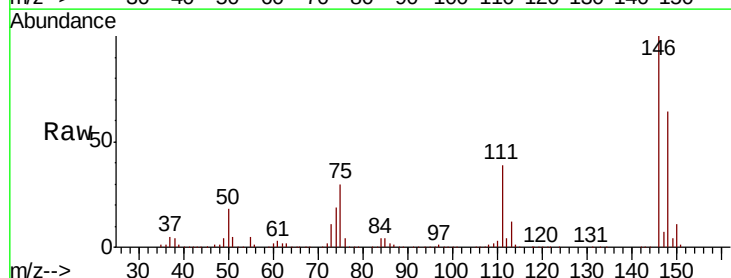
Instrument :
 MSVOA_X
 ClientSampleId :

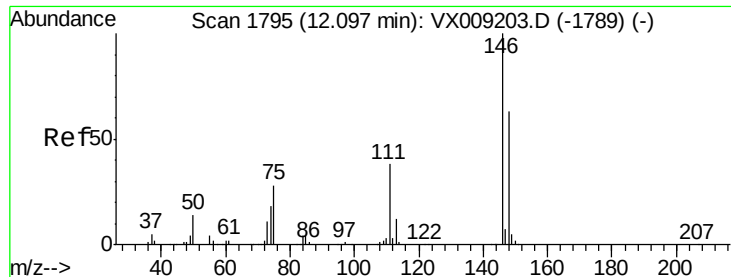
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.8	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 51.967 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 51.284 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampled :

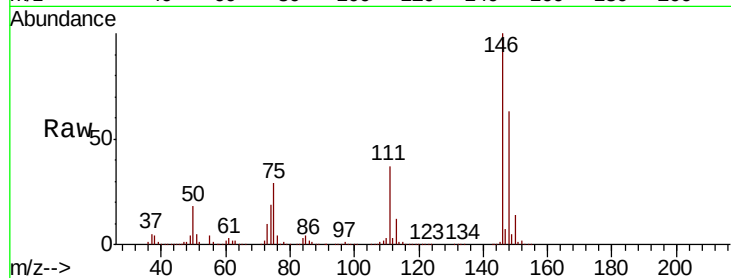
Tot Ion:146 Resp: 192425

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

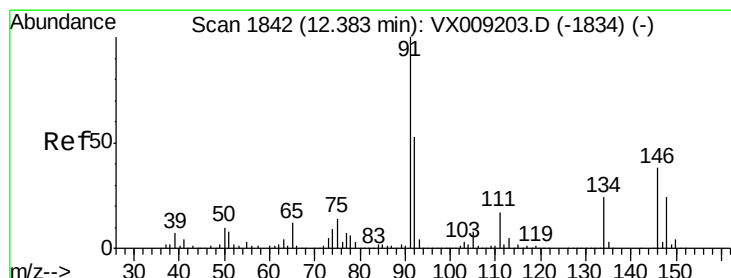
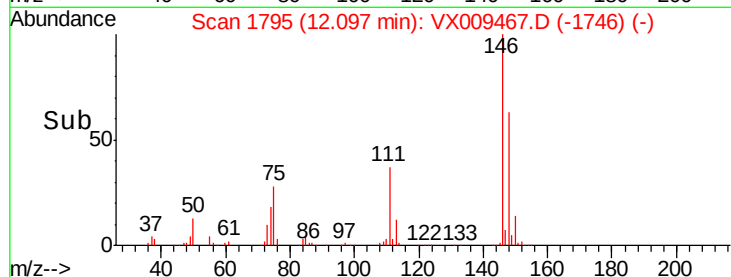
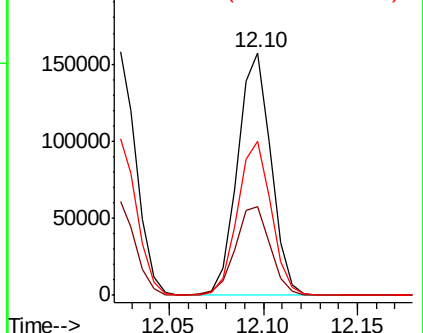
148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.380 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

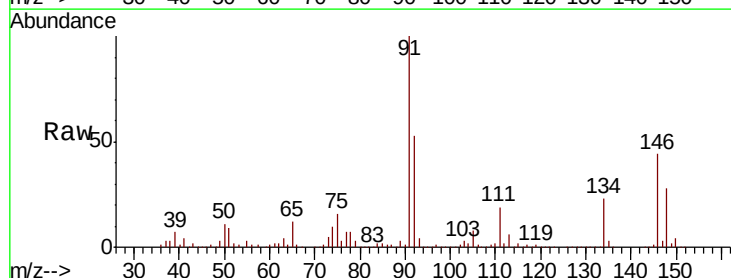
Tgt Ion: 91 Resp: 334371

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

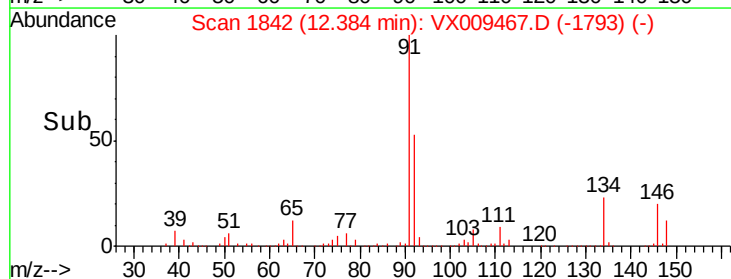
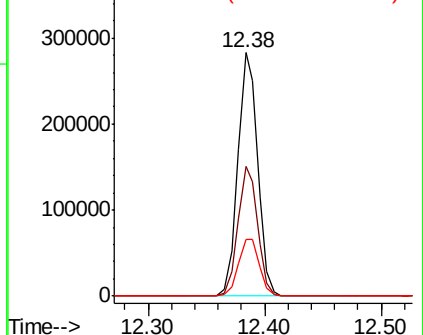
134 24.7 12.4 37.2

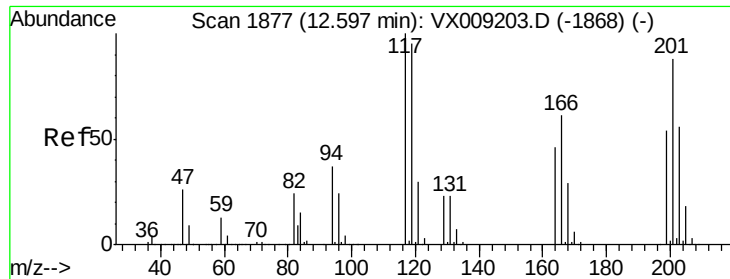


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

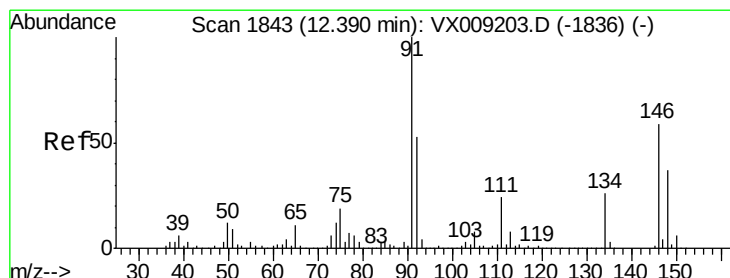
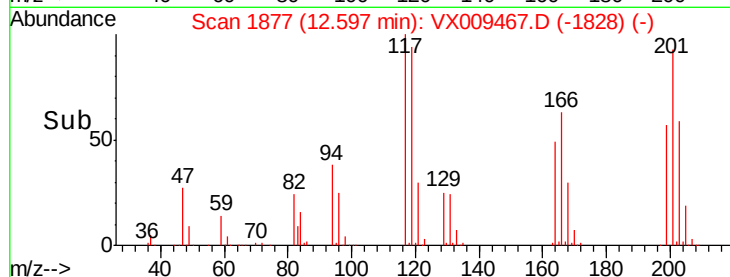
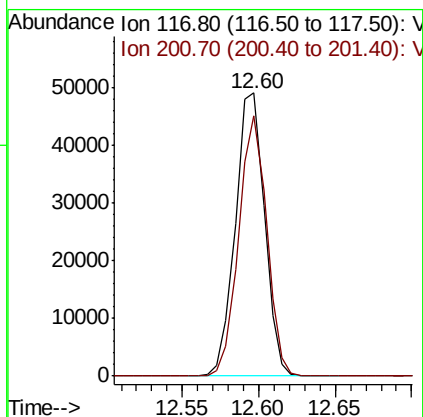
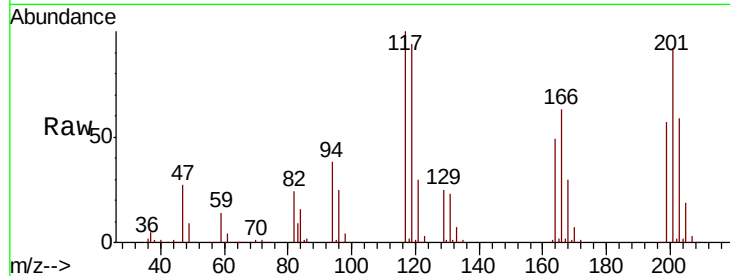




#90
Hexachloroethane
Concen: 51.991 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

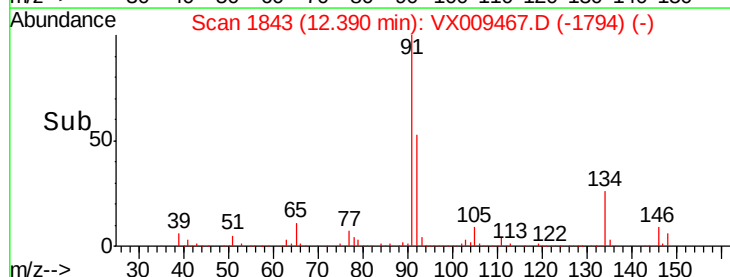
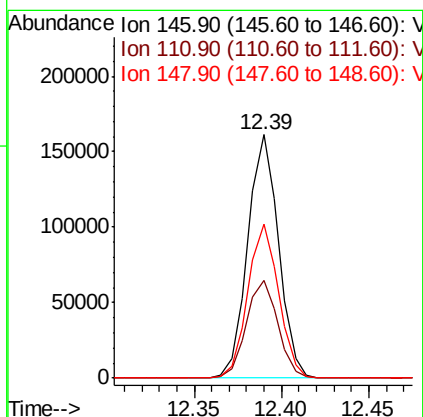
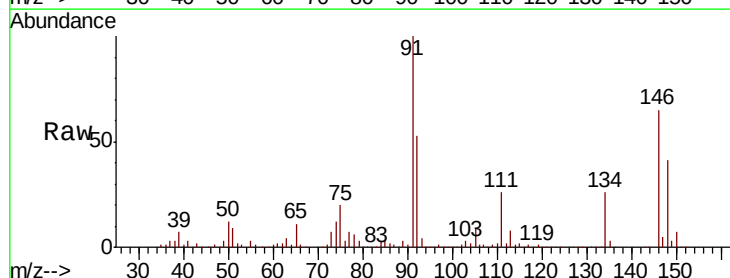
Instrument :
MSVOA_X
ClientSampleId :

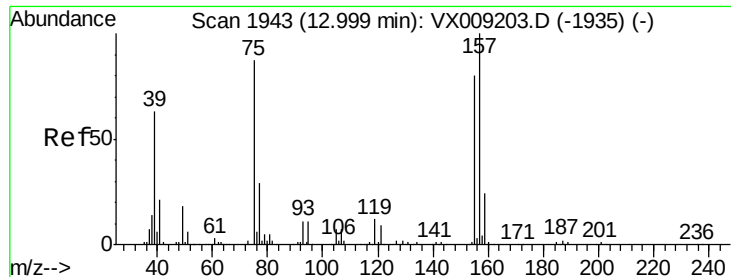
Tot Ion:117 Resp: 65042
Ion Ratio Lower Upper
117 100
201 87.9 42.3 126.9



#91
1,2-Dichlorobenzene
Concen: 52.075 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion:146 Resp: 197401
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.3 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.343 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

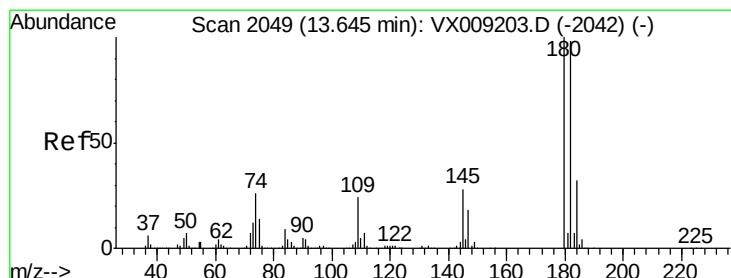
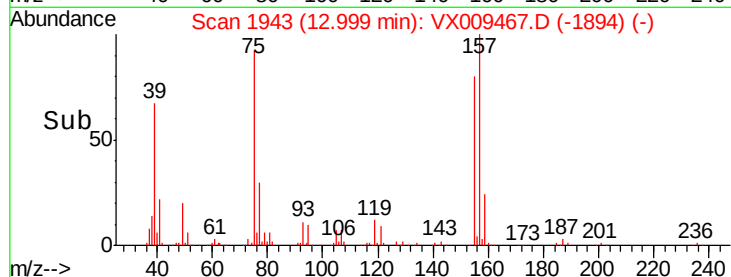
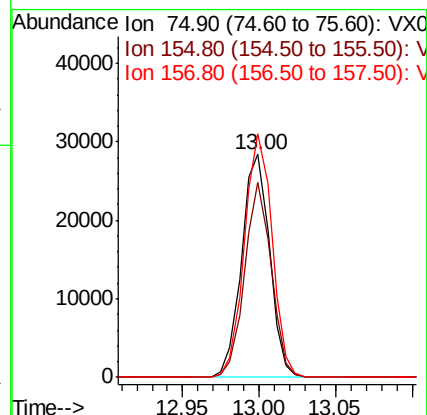
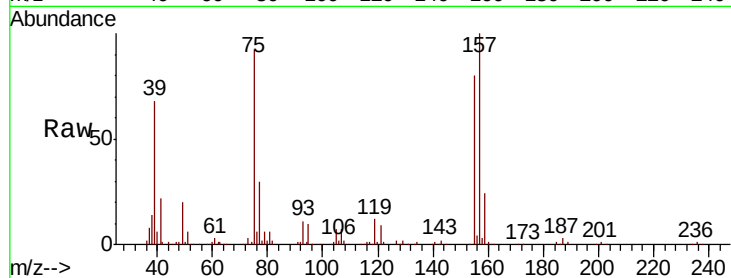
Tot Ion: 75 Resp: 36115

Ion Ratio Lower Upper

75 100

155 82.6 42.0 126.0

157 107.8 53.2 159.6



#93

1,2,4-Trichlorobenzene

Concen: 51.723 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

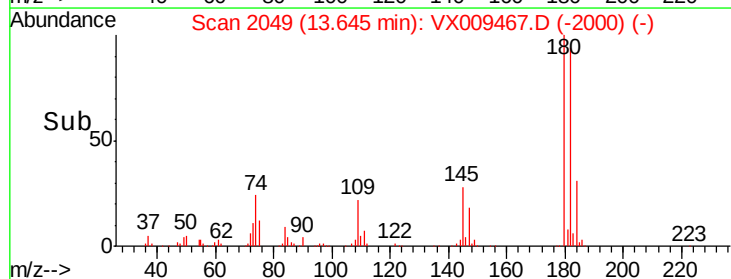
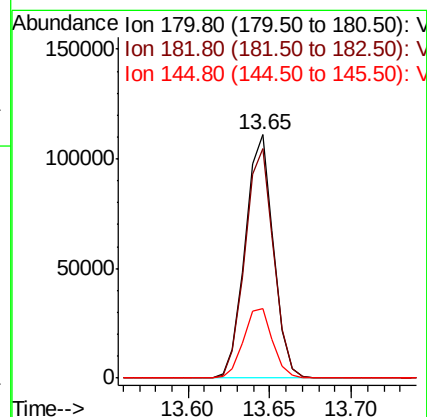
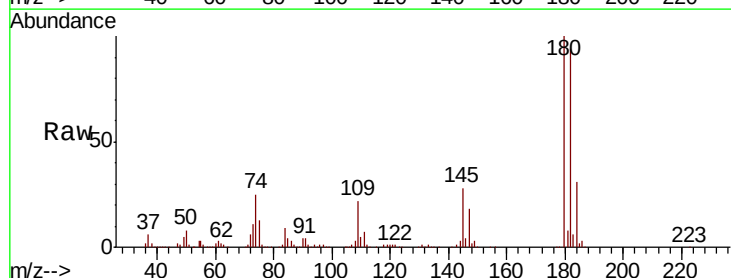
Tgt Ion: 180 Resp: 134079

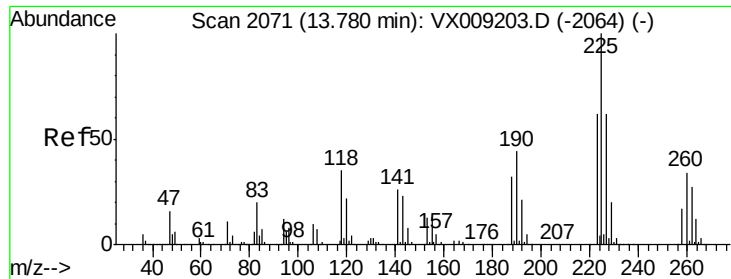
Ion Ratio Lower Upper

180 100

182 95.6 48.4 145.2

145 29.5 14.6 43.8

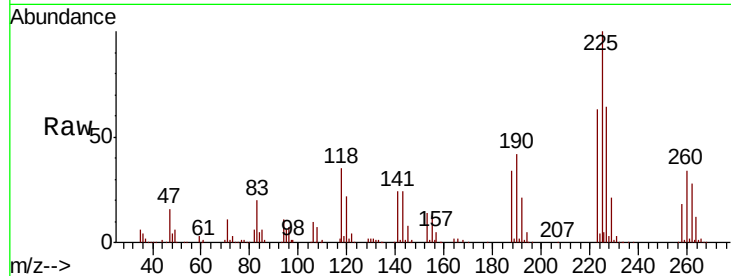




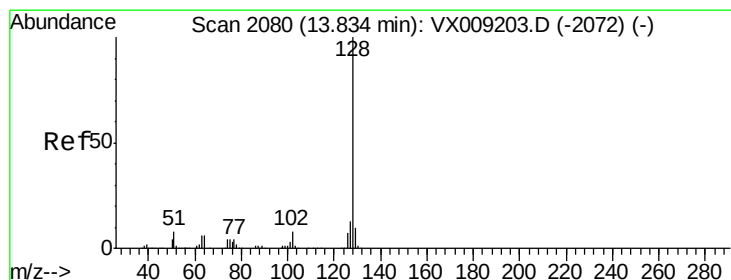
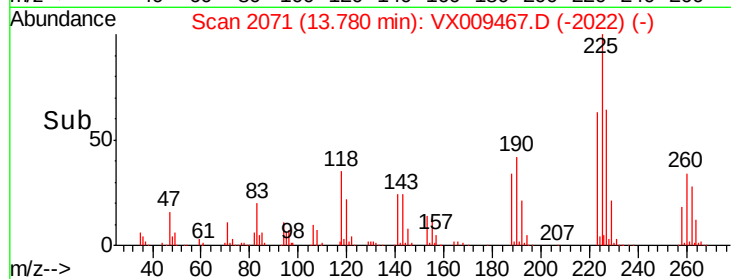
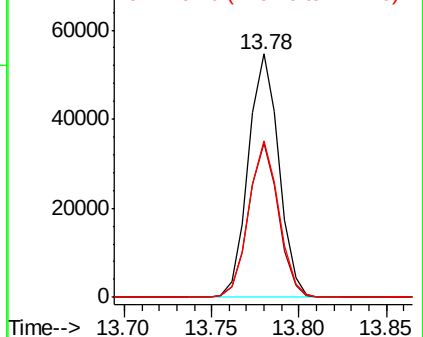
#94
Hexachlorobutadiene
Concen: 50.006 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.3	93.8
227	63.2	31.8	95.3

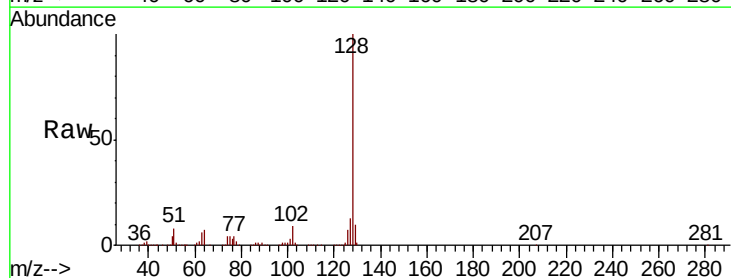


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

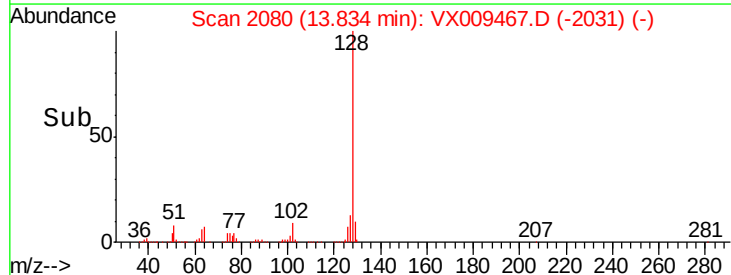
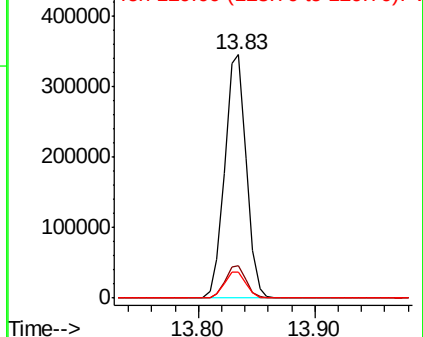


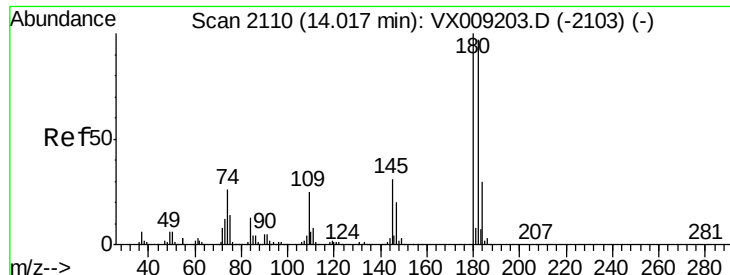
#95
Naphthalene
Concen: 52.271 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

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

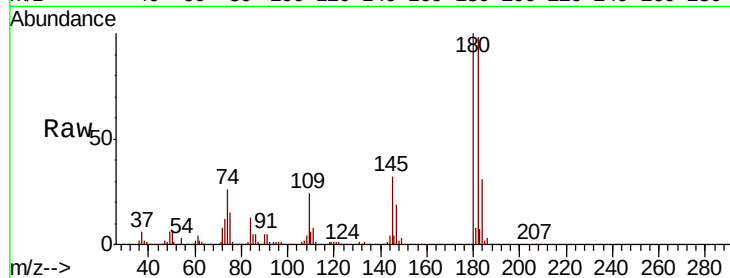




#96
 1,2,3-Trichlorobenzene
 Concen: 51.789 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.4
145	31.2	15.4	46.4



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

