

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010368.D
 Acq On : 20 Jun 2019 19:32
 Operator : JC/SP
 Sample : K3469-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 01:24:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	390551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135726	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	134361	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	508568	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	181217	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94176	47.644	ug/l	99
3) Chloromethane	1.32	50	104172	45.258	ug/l	100
4) Vinyl Chloride	1.41	62	121363	48.140	ug/l	99
5) Bromomethane	1.64	94	43275	35.234	ug/l	97
6) Chloroethane	1.71	64	75915	51.039	ug/l	99
7) Trichlorofluoromethane	1.93	101	204141	51.080	ug/l	99
8) Diethyl Ether	2.19	74	73538	51.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117773	48.629	ug/l	100
10) Methyl Iodide	2.51	142	98263	28.430	ug/l	99
11) Tert butyl alcohol	3.05	59	168756	241.928	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124954	50.703	ug/l	99
13) Acrolein	2.29	56	89463	193.335	ug/l	98
14) Allyl chloride	2.73	41	182197	52.075	ug/l	100
15) Acrylonitrile	3.14	53	361400	261.683	ug/l	99
16) Acetone	2.45	43	292290	218.779	ug/l	97
17) Carbon Disulfide	2.57	76	331309	50.110	ug/l	99
18) Methyl Acetate	2.78	43	130324	48.944	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	408860	52.737	ug/l	100
20) Methylene Chloride	2.85	84	140492	51.099	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	134515	50.751	ug/l	96
22) Diisopropyl ether	3.86	45	376680	51.493	ug/l	# 87
23) Vinyl Acetate	3.82	43	1624810	257.112	ug/l	100
24) 1,1-Dichloroethane	3.70	63	218607	51.700	ug/l	98
25) 2-Butanone	4.67	43	491450	250.772	ug/l	97
26) 2,2-Dichloropropane	4.59	77	173260	47.169	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158604	51.783	ug/l	99
28) Bromochloromethane	5.01	49	96851	47.906	ug/l	100
29) Tetrahydrofuran	5.13	42	322580	265.742	ug/l	100
30) Chloroform	5.21	83	233124	51.241	ug/l	99
31) Cyclohexane	5.58	56	194620	50.543	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	209611	52.178	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168813	48.734	ug/l	99
37) Ethyl Acetate	4.84	43	179370	50.334	ug/l	100
38) Carbon Tetrachloride	5.79	117	190087	50.676	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217377	47.740	ug/l	99
40) Benzene	6.14	78	547760	50.756	ug/l	100
41) Methacrylonitrile	5.04	41	100735	51.519	ug/l	99
42) 1,2-Dichloroethane	6.19	62	169582	51.622	ug/l	99
43) Isopropyl Acetate	6.45	43	300094	50.898	ug/l	100
44) Trichloroethene	7.21	130	160288	49.636	ug/l	99
45) 1,2-Dichloropropane	7.51	63	136430	50.061	ug/l	99
46) Dibromomethane	7.66	93	99810	51.045	ug/l	99
47) Bromodichloromethane	7.90	83	184927	51.607	ug/l	99
48) Methyl methacrylate	7.77	41	144769	52.825	ug/l	100
49) 1,4-Dioxane	7.74	88	82784	1048.598	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	973656	258.208	ug/l	100
52) Toluene	8.79	92	357065	50.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203923	50.759	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	223984	51.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149547	51.022	ug/l	99
56) Ethyl methacrylate	9.18	69	229047	51.586	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231882	50.965	ug/l	100
59) 2-Hexanone	9.49	43	743015	250.361	ug/l	100
60) Dibromochloromethane	9.58	129	171708	52.321	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164769	52.081	ug/l	99
64) Tetrachloroethene	9.34	164	142597	45.142	ug/l	98
65) Chlorobenzene	10.13	112	400140	50.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154935	53.645	ug/l	99
67) Ethyl Benzene	10.25	91	679470	50.761	ug/l	99
68) m/p-Xylenes	10.36	106	524271	101.081	ug/l	100
69) o-Xylene	10.69	106	258044	50.591	ug/l	99
70) Stvrene	10.71	104	438506	51.264	ug/l	100
71) Bromoform	10.85	173	136405	54.310	ug/l	99
73) Isopropylbenzene	11.02	105	675164	50.661	ug/l	99
74) N-amyl acetate	10.90	43	260687	51.758	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229499	51.998	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	253392	70.728	ug/l	81
77) Bromobenzene	11.26	156	186242	50.047	ug/l	99
78) n-propylbenzene	11.36	91	749932	51.200	ug/l	100
79) 2-Chlorotoluene	11.42	91	439965	50.443	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	561688	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76076	49.539	ug/l	98
82) 4-Chlorotoluene	11.51	91	505403	50.924	ug/l	98
83) tert-Butylbenzene	11.77	119	583241	52.891	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	572063	51.826	ug/l	99
85) sec-Butylbenzene	11.94	105	664053	51.289	ug/l	100
86) p-Isopropyltoluene	12.06	119	614362	51.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323953	49.871	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322565	48.777	ug/l	100
89) n-Butylbenzene	12.38	91	528374	51.921	ug/l	99
90) Hexachloroethane	12.60	117	111402	53.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	319562	49.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48520	50.988	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	225370	50.338	ug/l	99

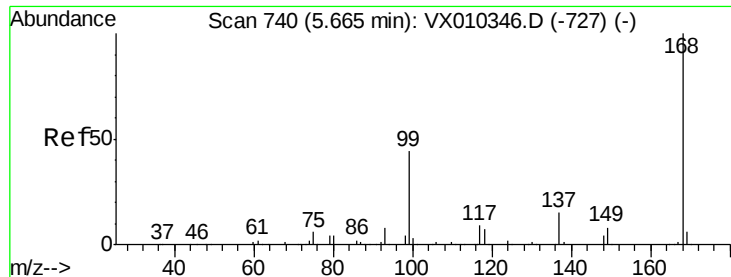
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	104754	47.874	ug/l	99
95) Naphthalene	13.83	128	754024	54.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227386	51.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

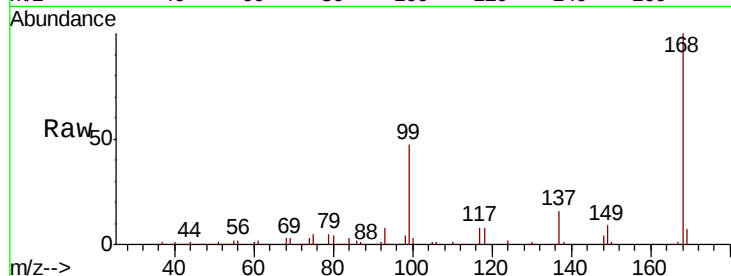
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 284319

Ion Ratio Lower Upper

168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

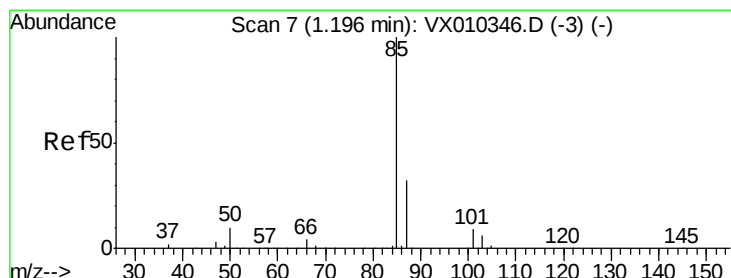
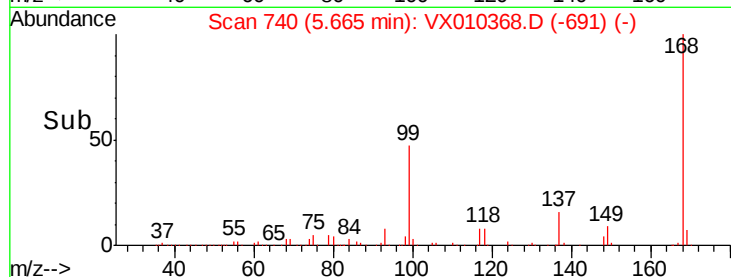
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.644 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010368.D

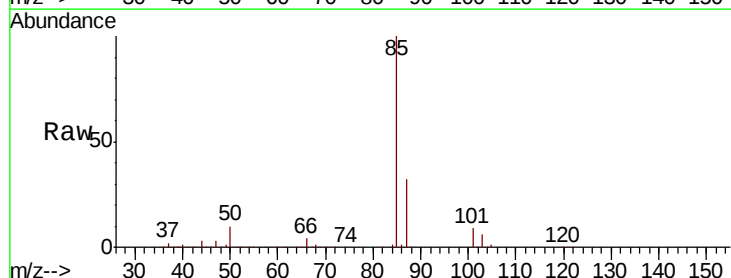
Acq: 20 Jun 2019 19:32

Tgt Ion: 85 Resp: 94176

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

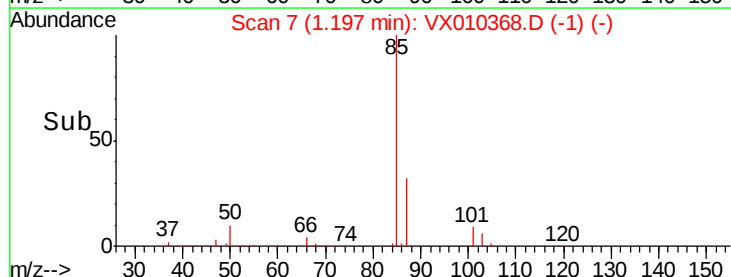
1.15

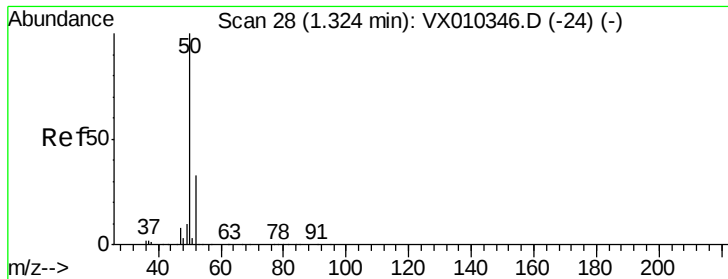
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 45.258 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

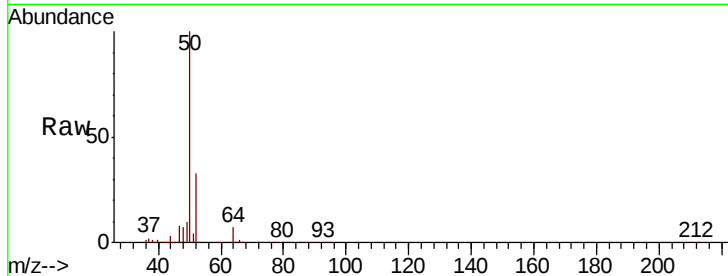
ClientSampleId :

Tot Ion: 50 Resp: 104172

Ion Ratio Lower Upper

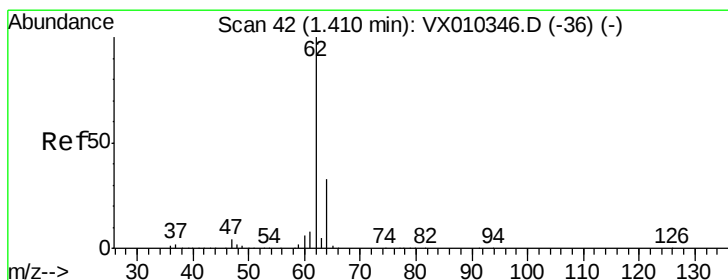
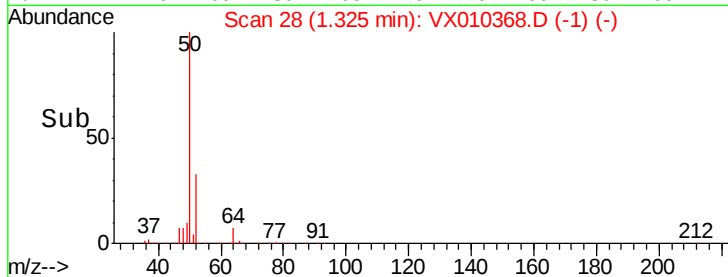
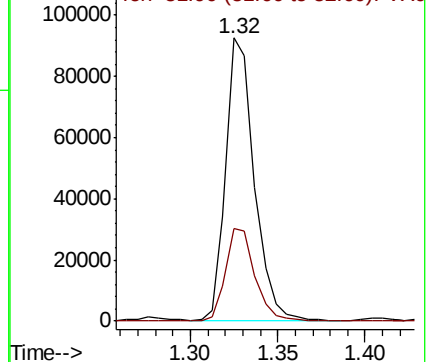
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.140 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010368.D

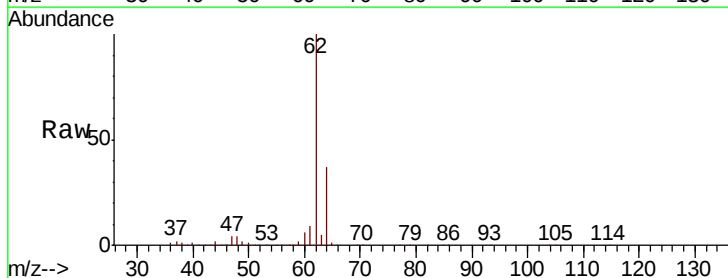
Acq: 20 Jun 2019 19:32

Tgt Ion: 62 Resp: 121363

Ion Ratio Lower Upper

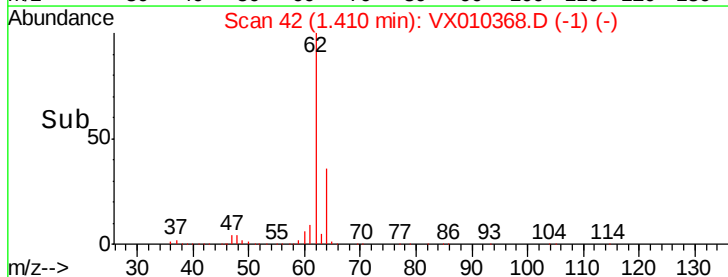
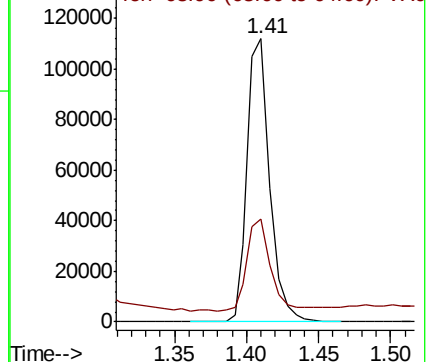
62 100

64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.234 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

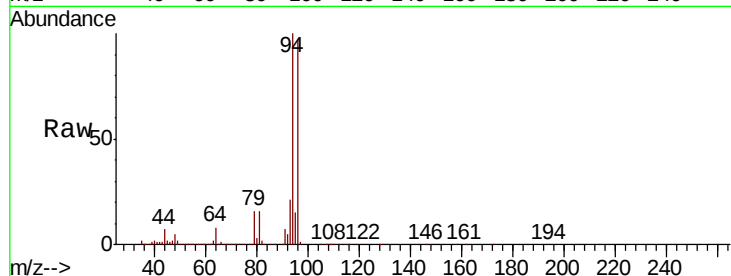
ClientSampled :

Tot Ion: 94 Resp: 43275

Ion Ratio Lower Upper

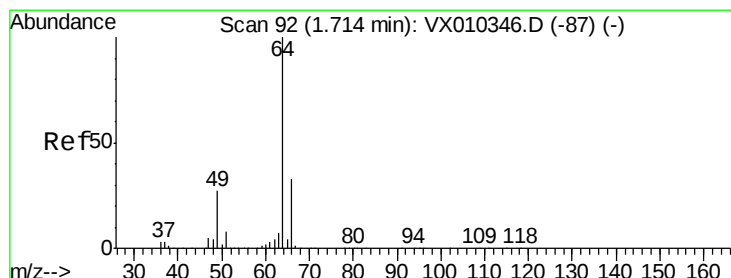
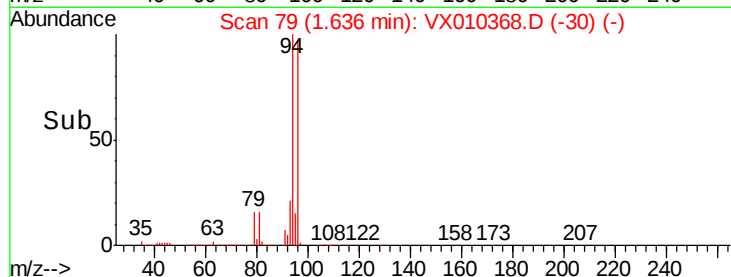
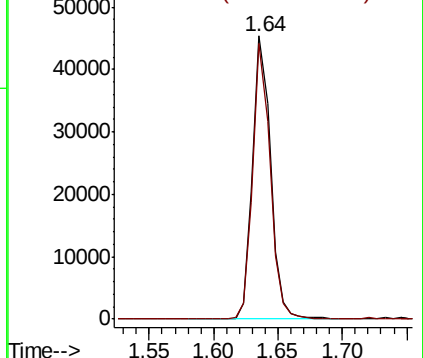
94 100

96 97.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.039 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010368.D

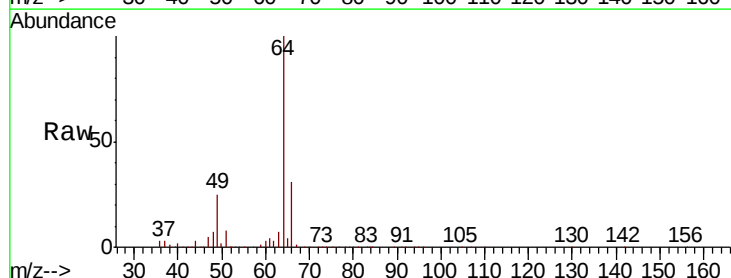
Acq: 20 Jun 2019 19:32

Tgt Ion: 64 Resp: 75915

Ion Ratio Lower Upper

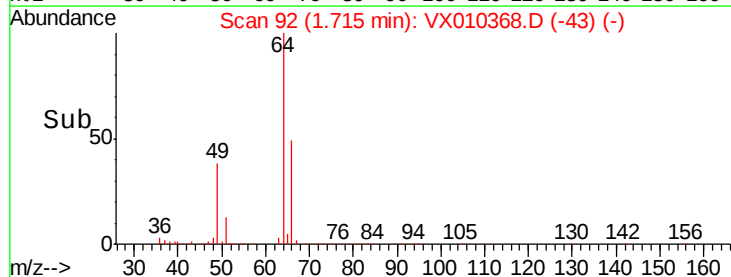
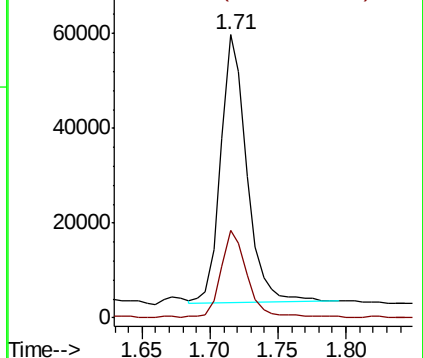
64 100

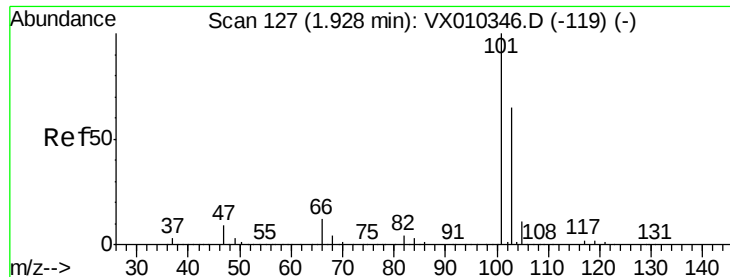
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



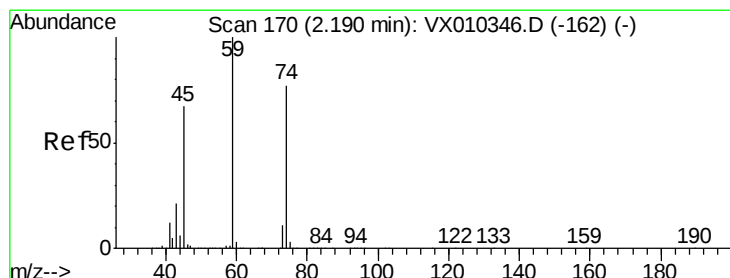
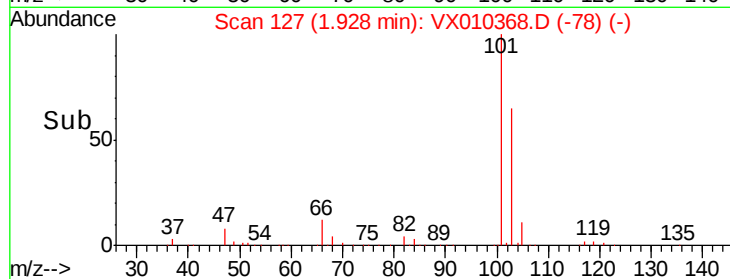
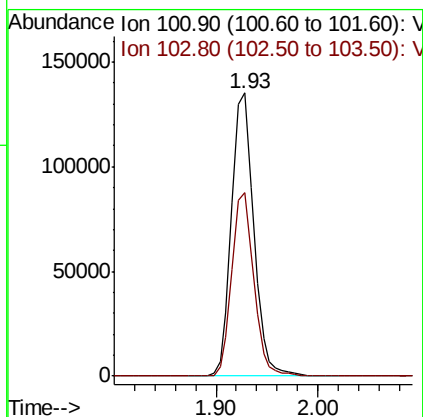
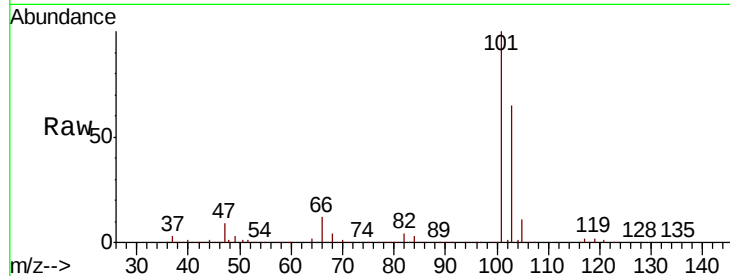


#7

Trichlorofluoromethane
Concen: 51.080 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

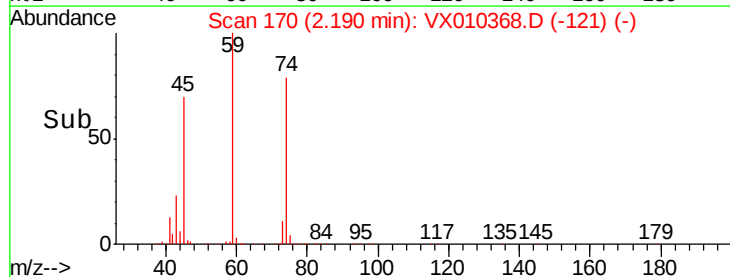
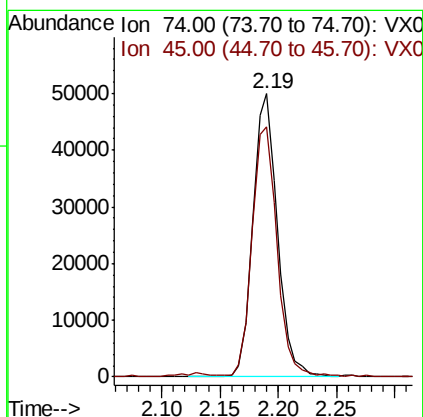
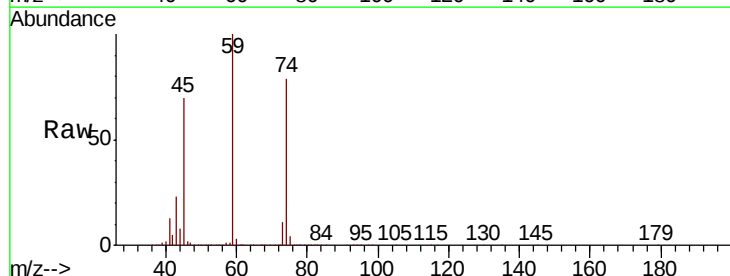
Tot Ion:101 Resp: 204141
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5

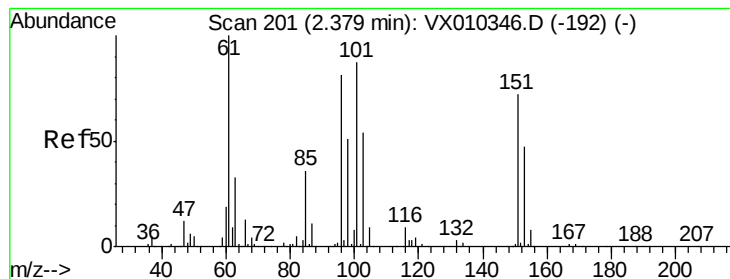


#8

Diethyl Ether
Concen: 51.310 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 74 Resp: 73538
Ion Ratio Lower Upper
74 100
45 89.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.629 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

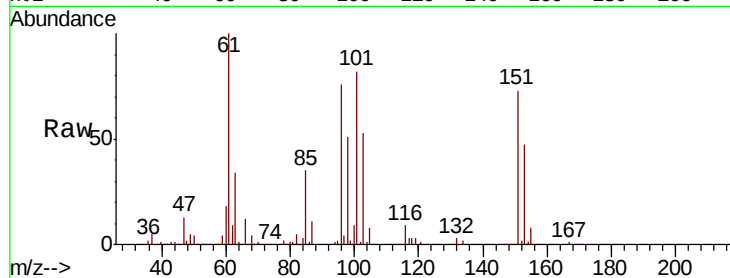
Tot Ion:101 Resp: 117773

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

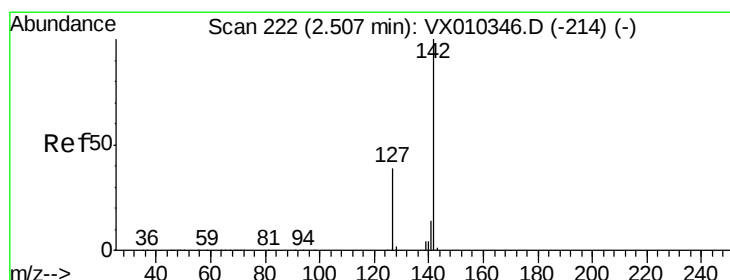
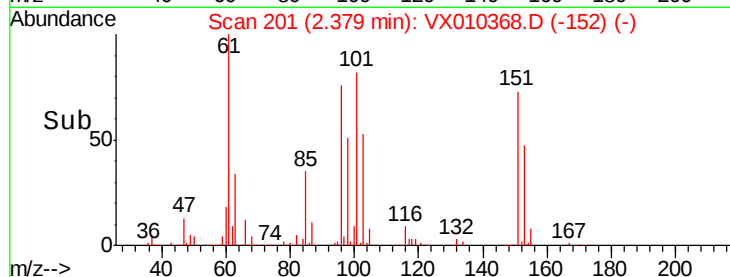
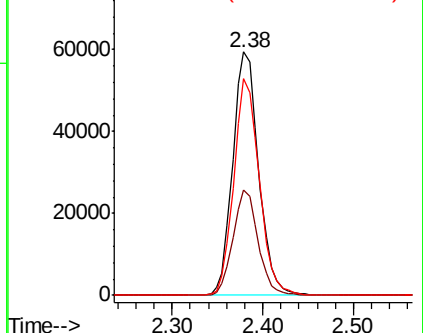
151 87.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.430 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

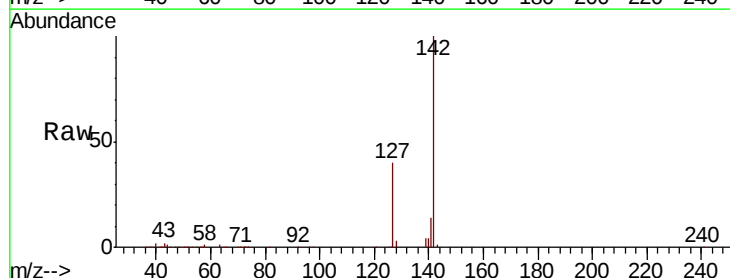
Tgt Ion:142 Resp: 98263

Ion Ratio Lower Upper

142 100

127 39.5 31.1 46.7

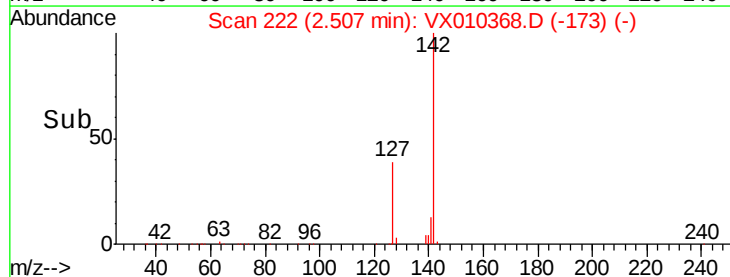
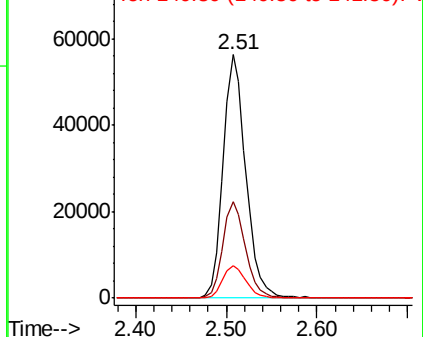
141 14.0 11.2 16.8



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



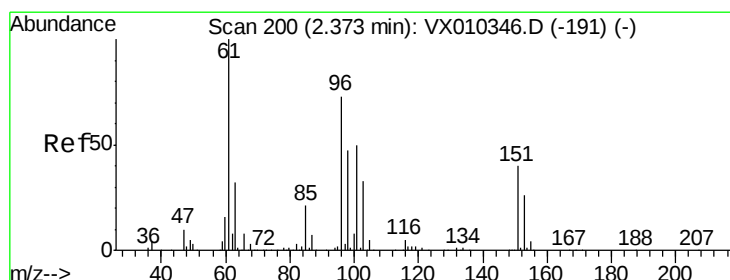
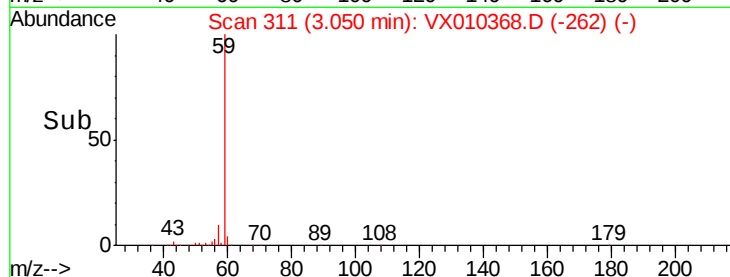
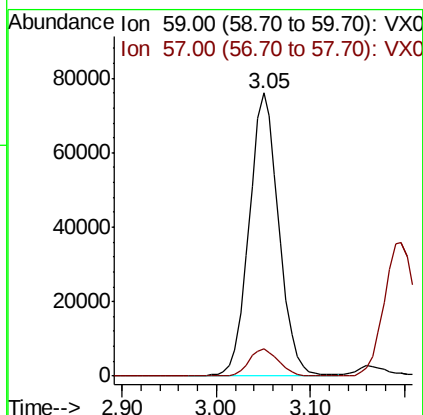
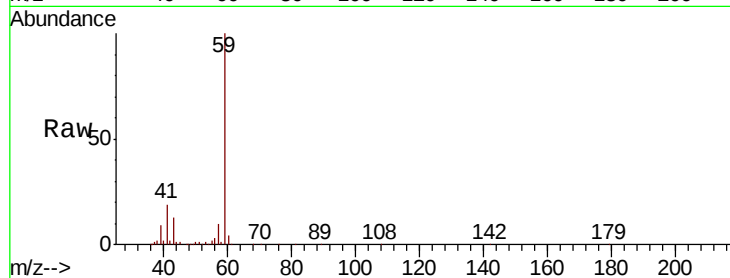


#11

Tert butyl alcohol
Concen: 241.928 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampled :

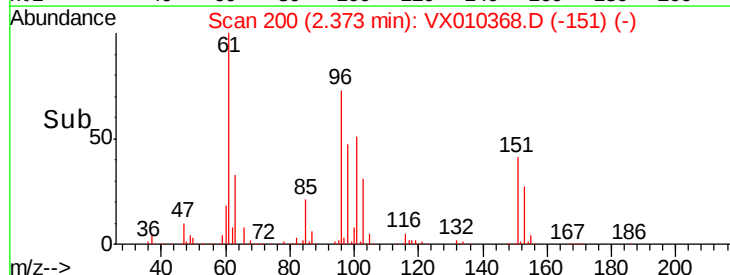
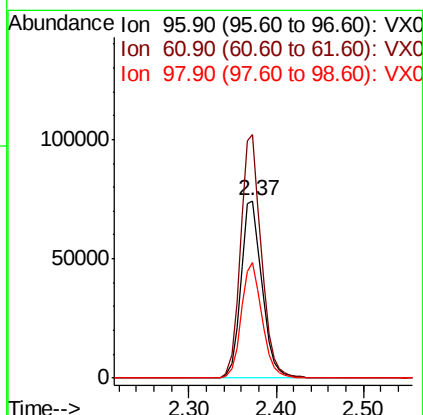
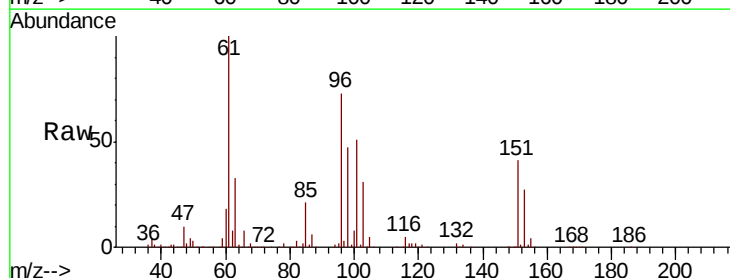
Tot Ion: 59 Resp: 168756
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12

1,1-Dichloroethene
Concen: 50.703 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 96 Resp: 124954
Ion Ratio Lower Upper
96 100
61 137.2 109.2 163.8
98 64.9 51.1 76.7





#13

Acrolein

Concen: 193.335 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

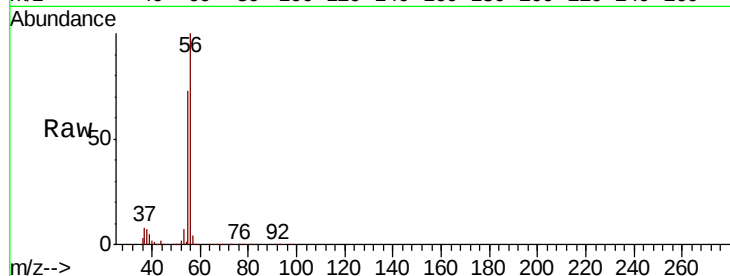
ClientSampleId :

Tot Ion: 56 Resp: 89463

Ion Ratio Lower Upper

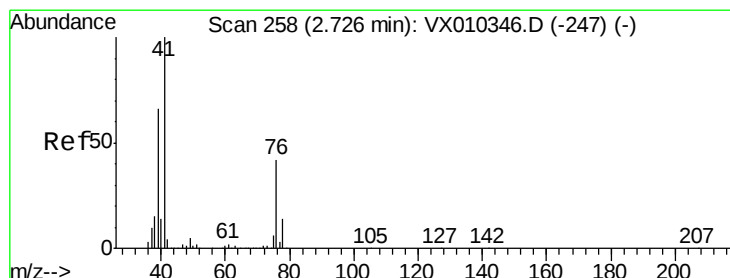
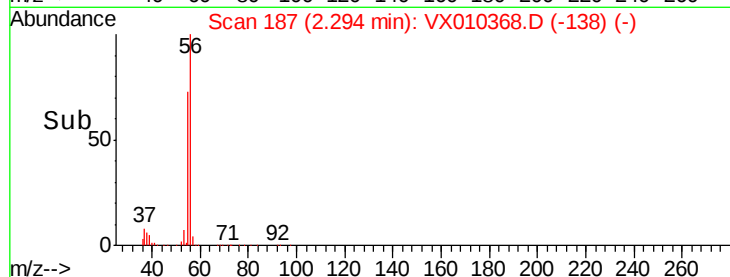
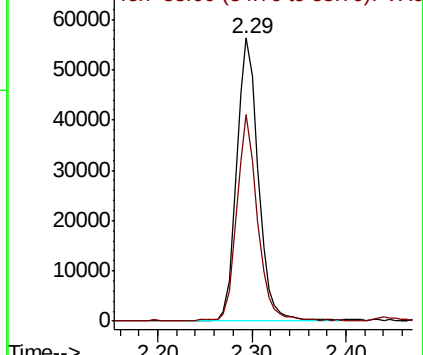
56 100

55 69.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.075 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

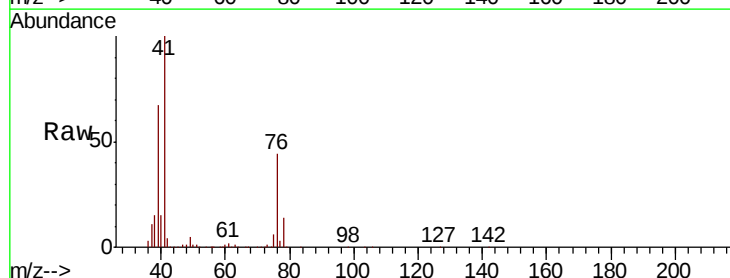
Tgt Ion: 41 Resp: 182197

Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

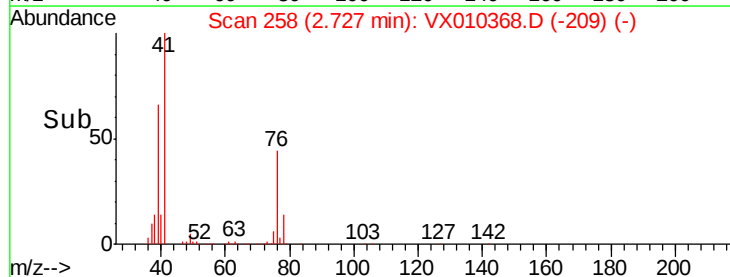
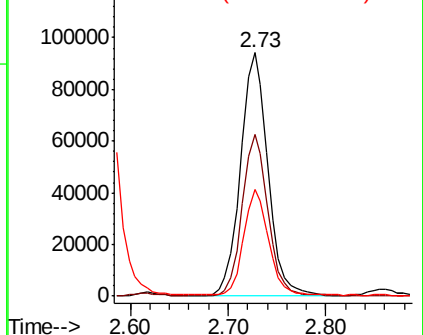
76 39.3 31.3 46.9

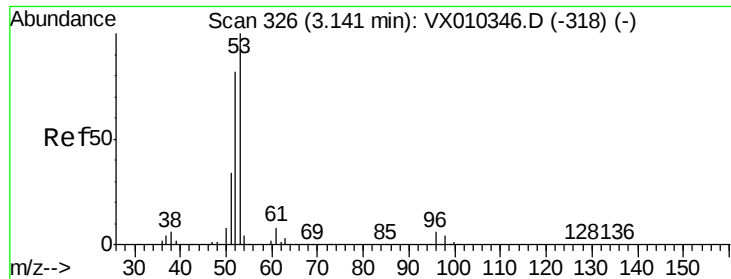


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.683 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

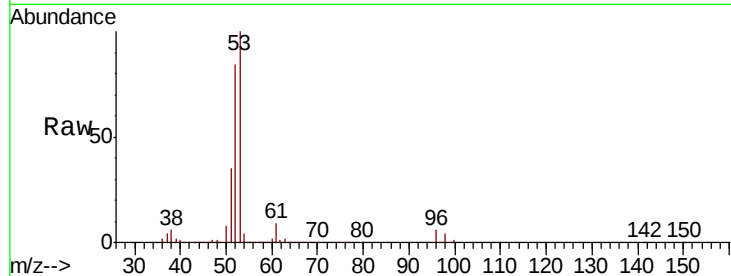
Tot Ion: 53 Resp: 361400

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

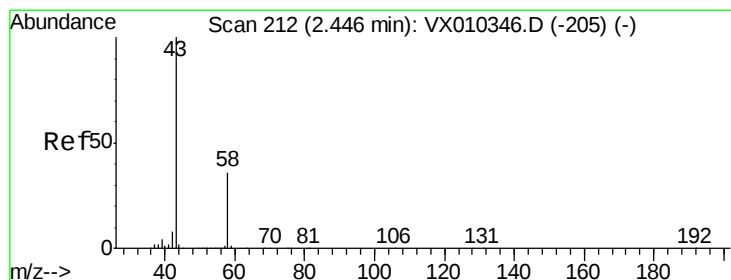
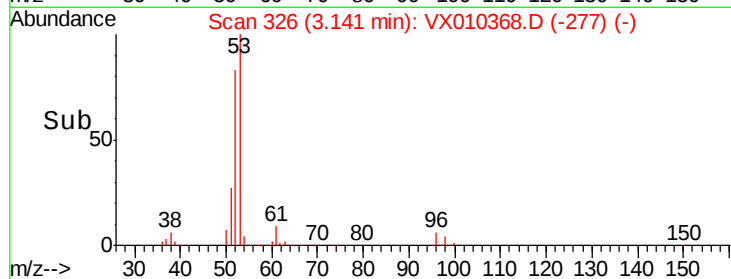
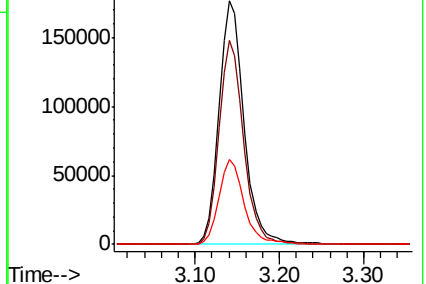
51 35.0 28.2 42.4



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: 218.779 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010368.D

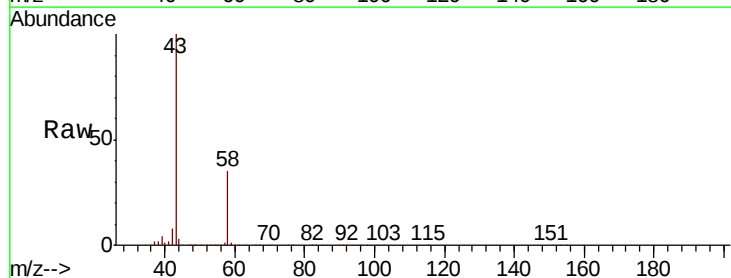
Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 292290

Ion Ratio Lower Upper

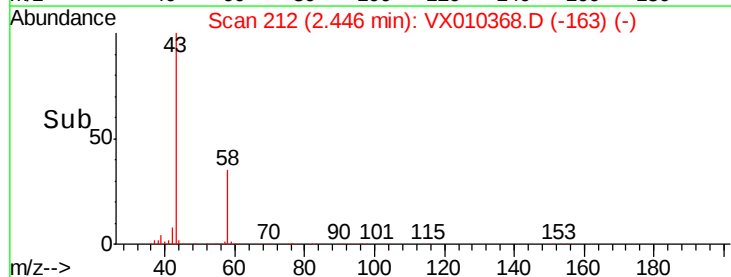
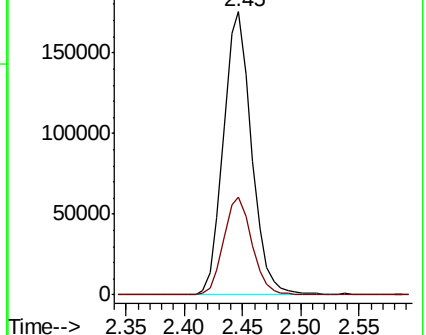
43 100

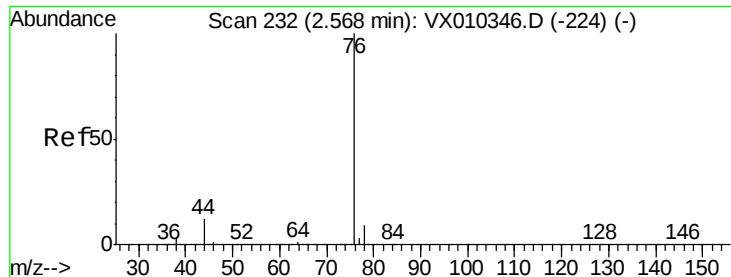
58 34.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

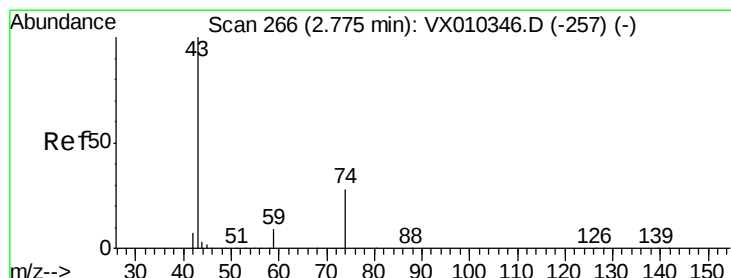
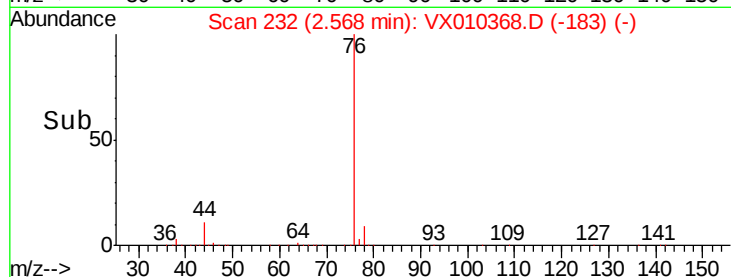
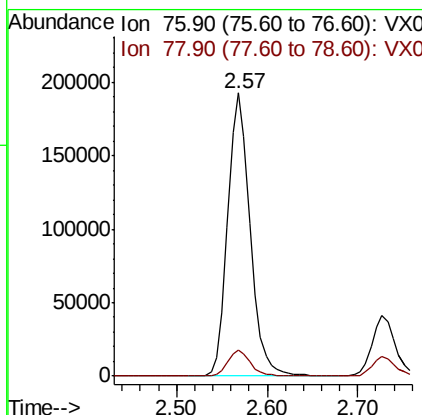
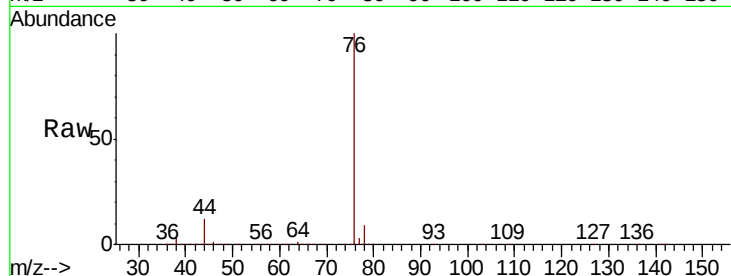




#17
Carbon Disulfide
Concen: 50.110 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

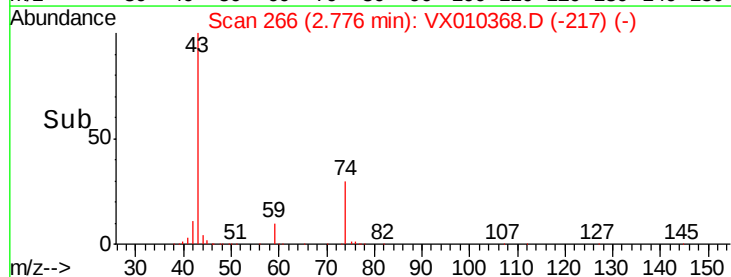
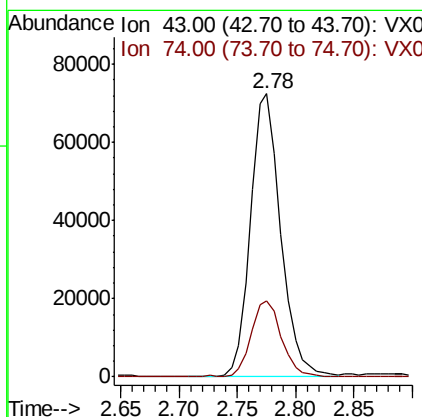
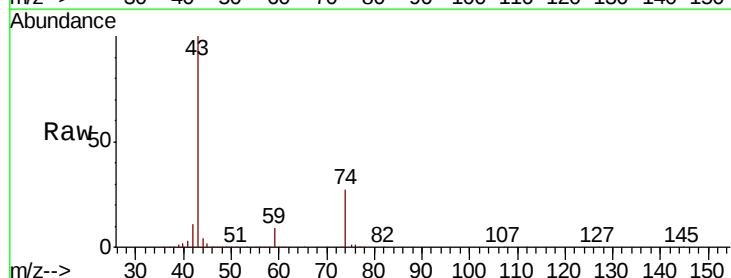
Instrument :
MSVOA_X
ClientSampleId :

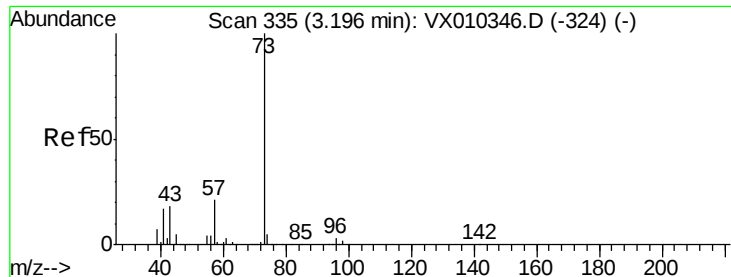
Tot Ion: 76 Resp: 331309
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 48.944 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 130324
Ion Ratio Lower Upper
43 100
74 28.0 21.3 31.9

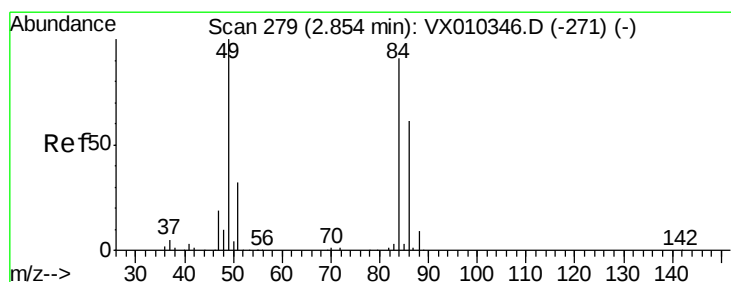
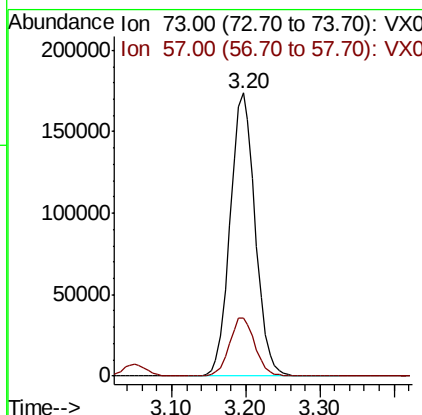
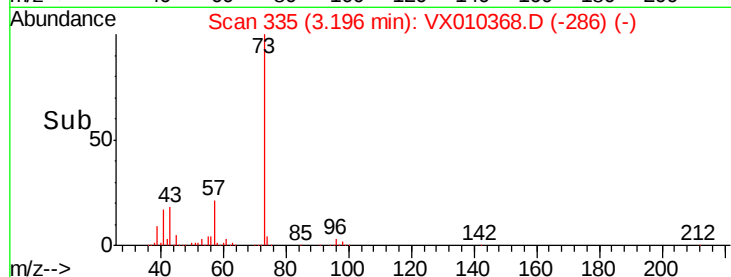
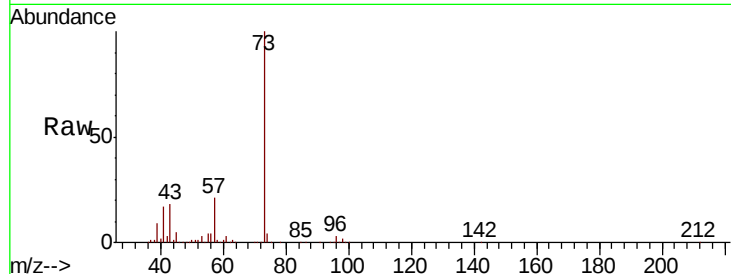




#19
Methvl tert-butvl Ether
Concen: 52.737 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

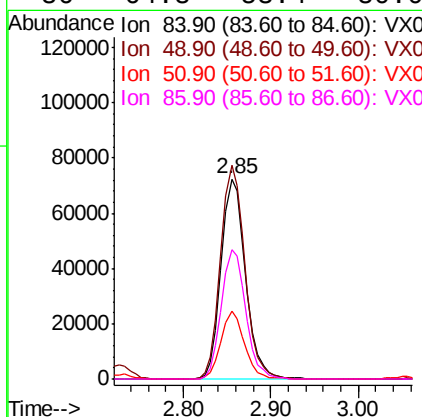
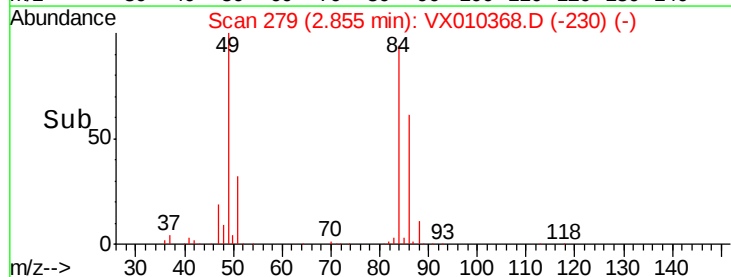
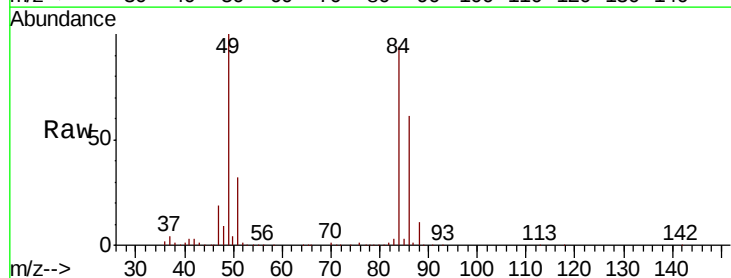
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 408860
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 51.099 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 84 Resp: 140492
Ion Ratio Lower Upper
84 100
49 106.5 87.5 131.3
51 33.9 27.7 41.5
86 64.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 50.751 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

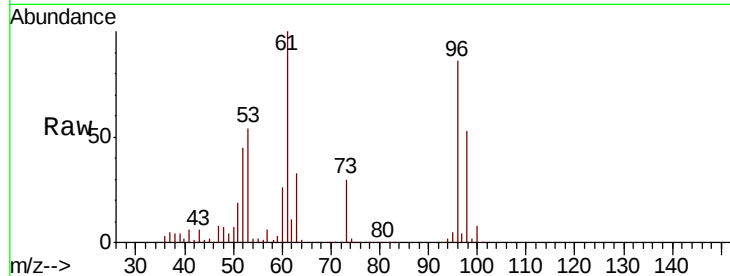
Tot Ion: 96 Resp: 134515

Ion Ratio Lower Upper

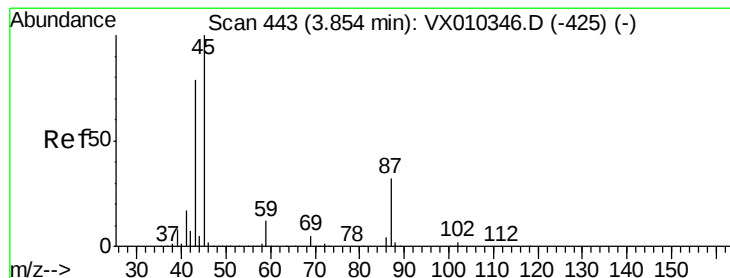
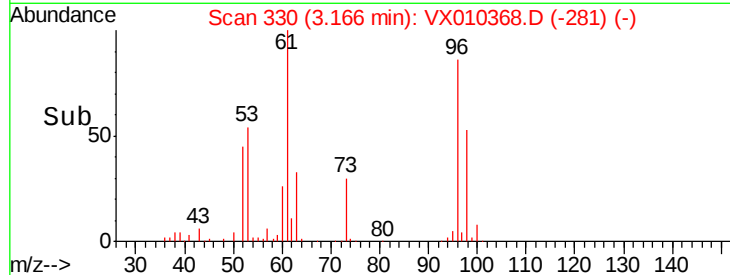
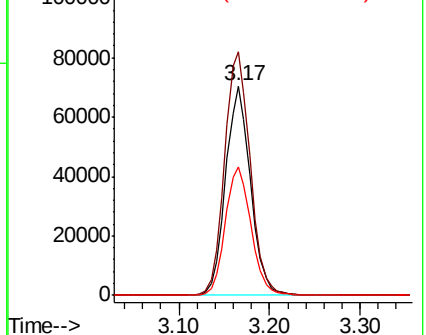
96 100

61 116.4 95.6 143.4

98 61.2 52.5 78.7



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



#22

Diisopropyl ether

Concen: 51.493 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Tgt Ion: 45 Resp: 376680

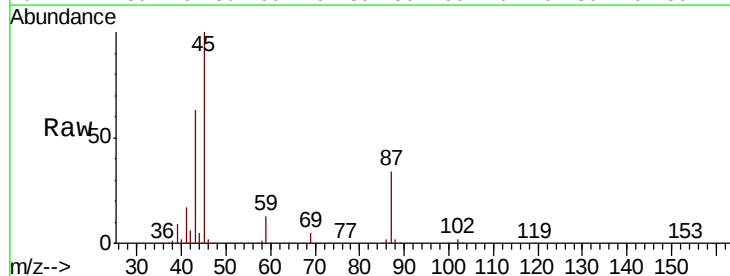
Ion Ratio Lower Upper

45 100

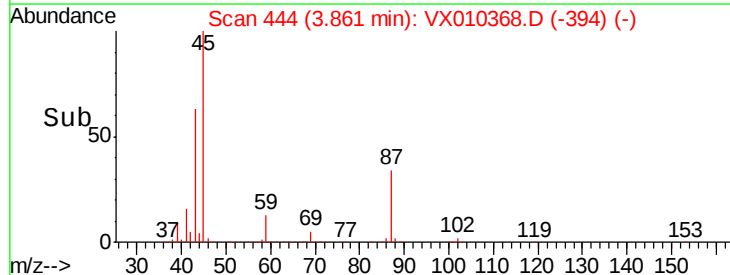
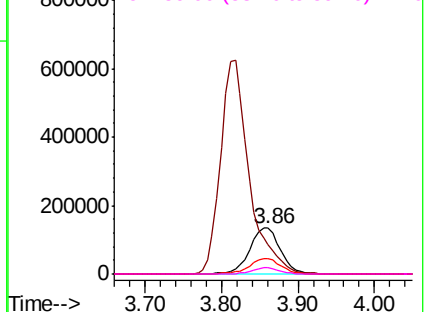
43 62.9 63.3 94.9#

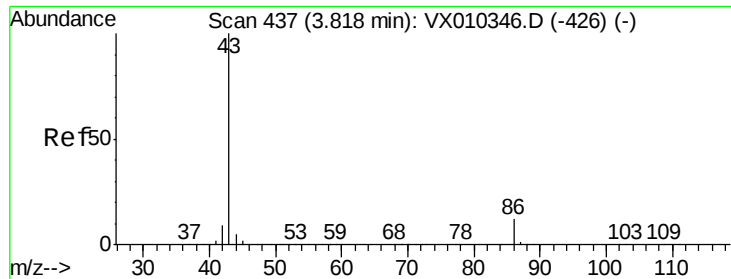
87 33.8 25.8 38.8

59 12.6 9.6 14.4



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: 257.112 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

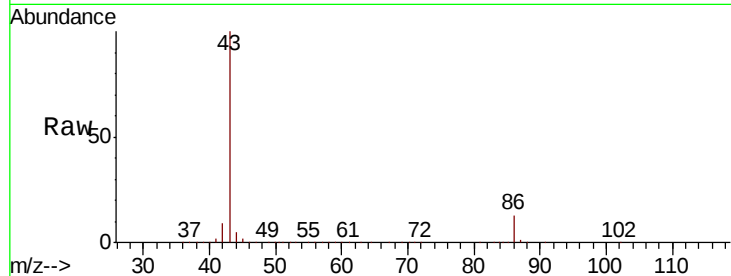
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1624810

Ion Ratio Lower Upper

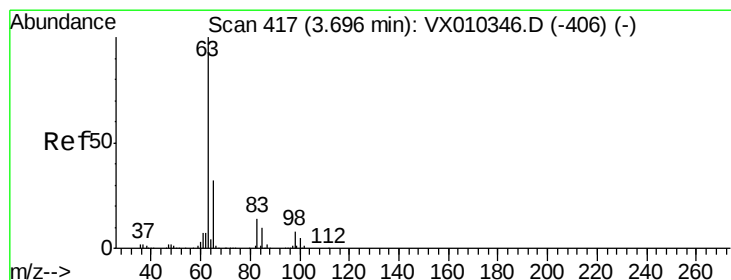
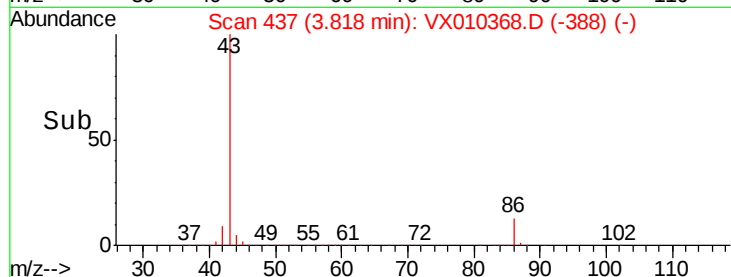
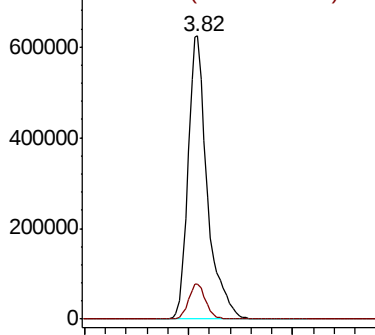
43 100

86 12.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.700 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

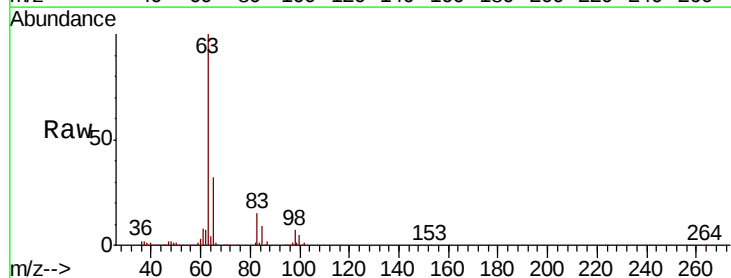
Tgt Ion: 63 Resp: 218607

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

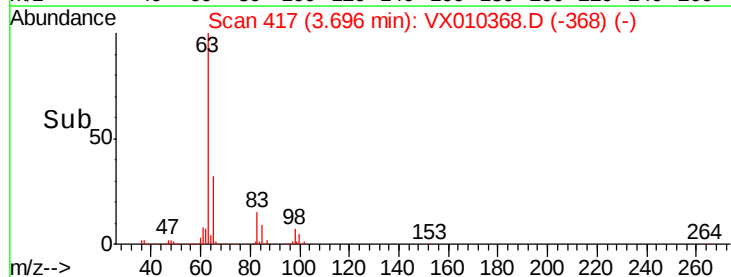
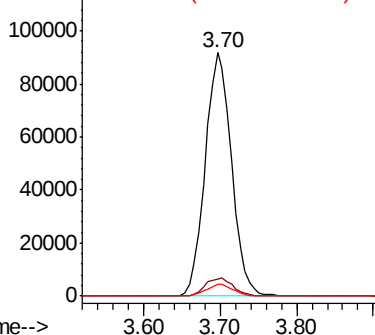
100 5.1 2.4 7.1

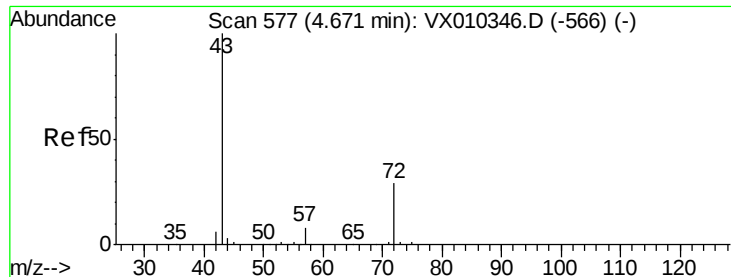


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.772 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

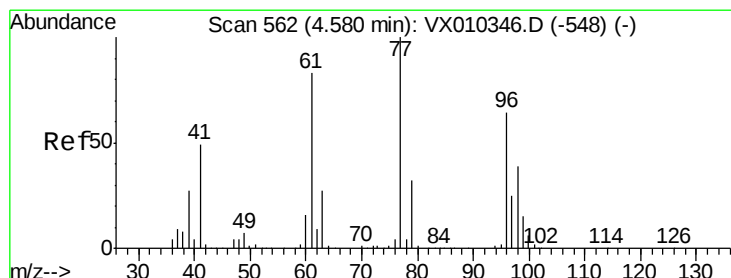
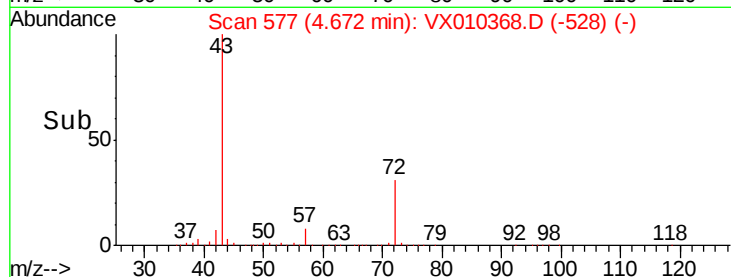
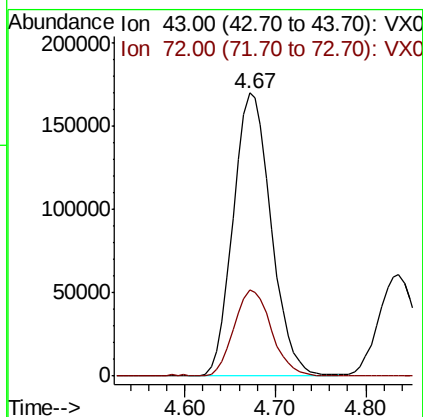
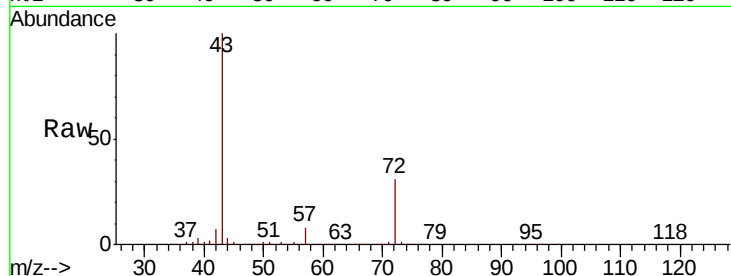
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 491450

Ion Ratio Lower Upper

43 100

72 30.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 47.169 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010368.D

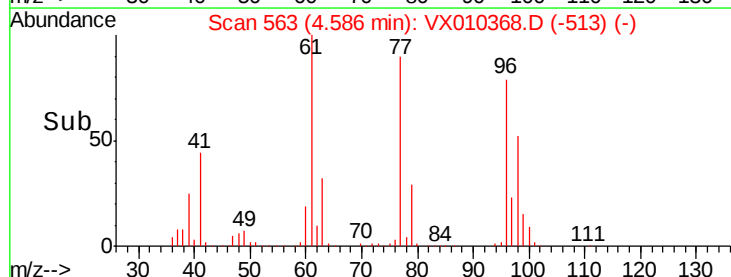
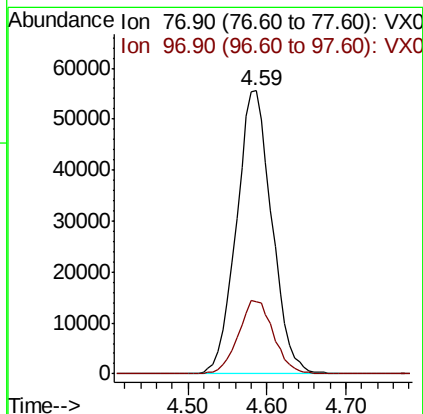
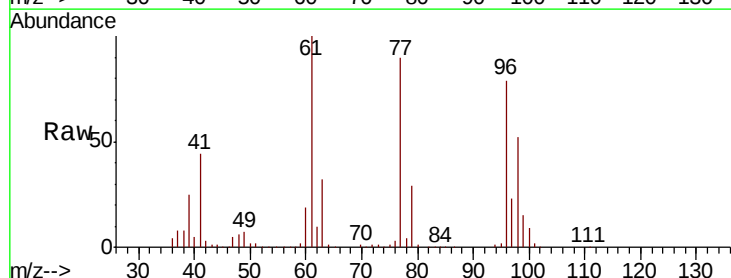
Acq: 20 Jun 2019 19:32

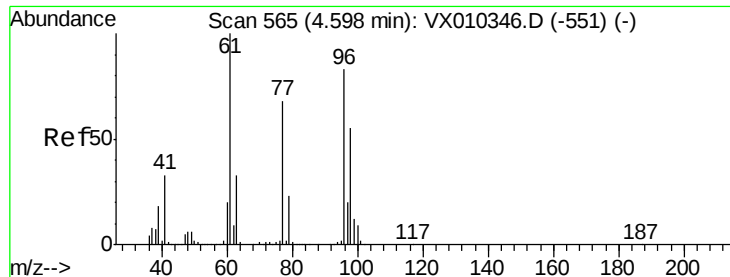
Tgt Ion: 77 Resp: 173260

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



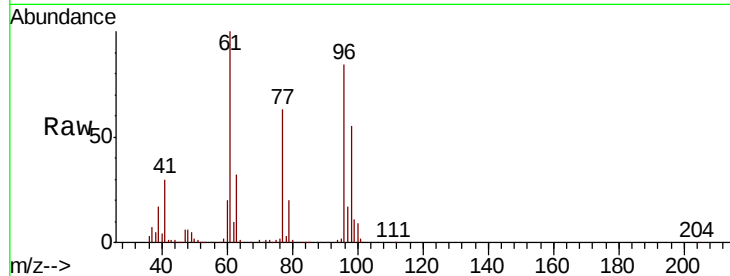


#27

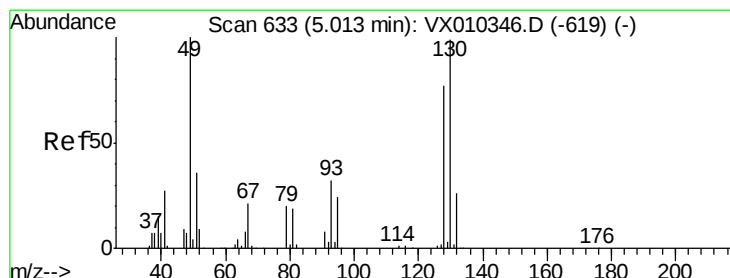
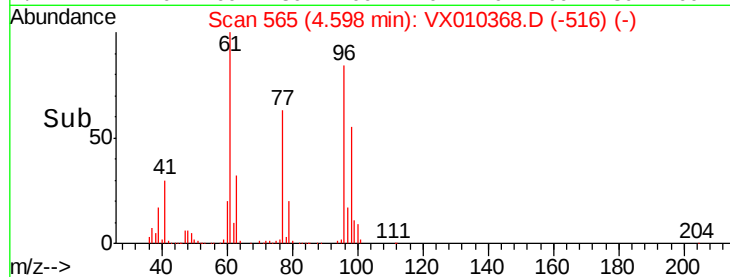
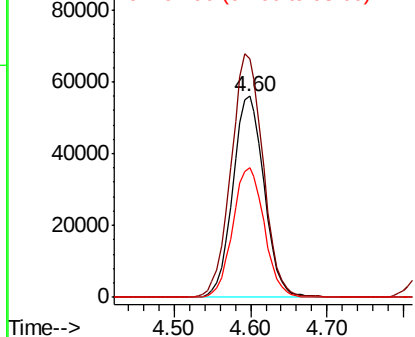
cis-1,2-Dichloroethene
 Concen: 51.783 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	251.8
98	65.0	0.0	129.4



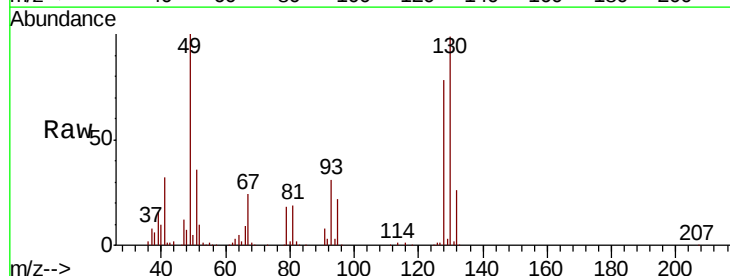
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



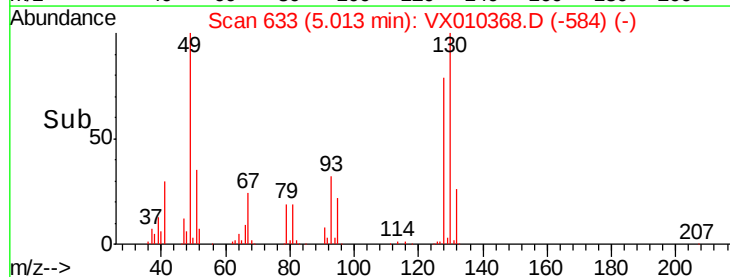
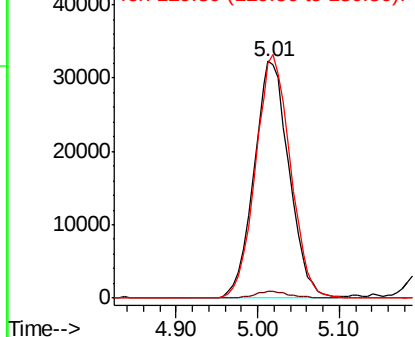
#28

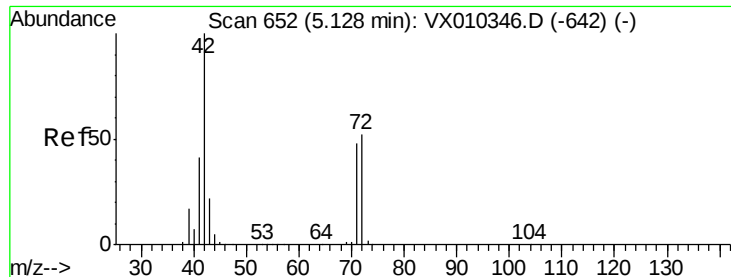
Bromochloromethane
 Concen: 47.906 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	101.7	81.4	122.0



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

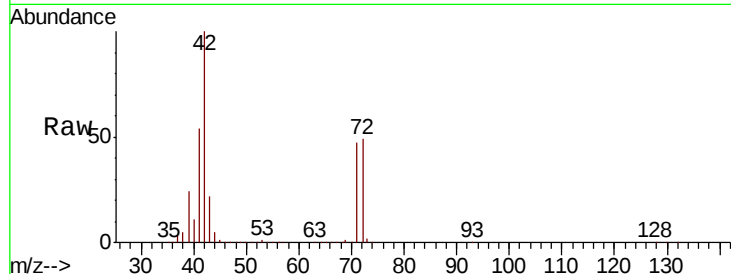




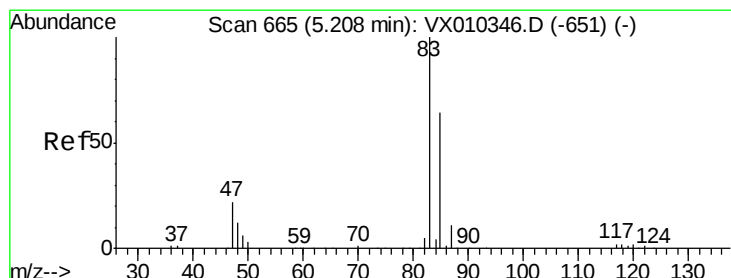
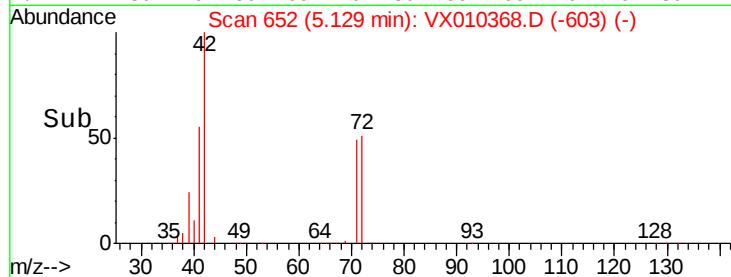
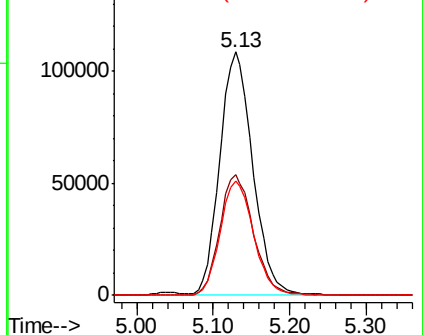
#29
Tetrahydrofuran
Concen: 265.742 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 322580
Ion Ratio Lower Upper
42 100
72 50.8 40.6 60.8
71 47.5 37.8 56.8

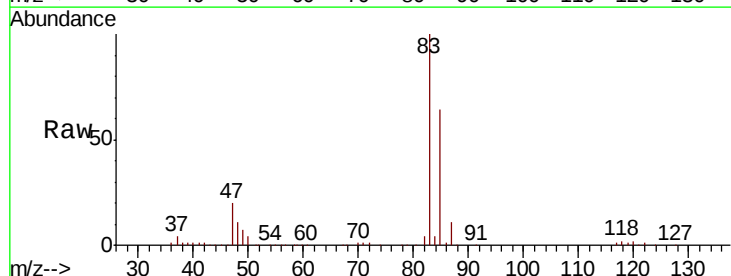


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

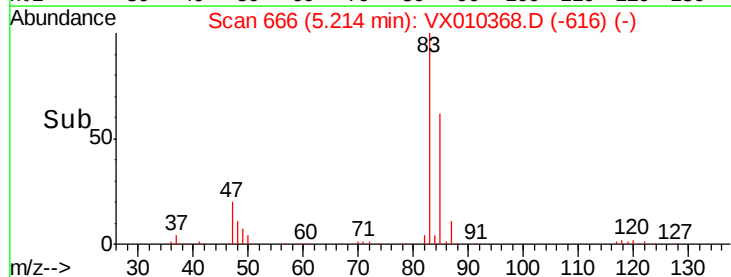
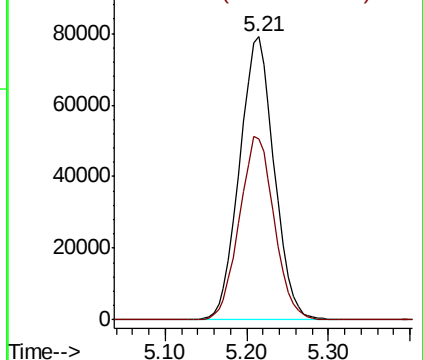


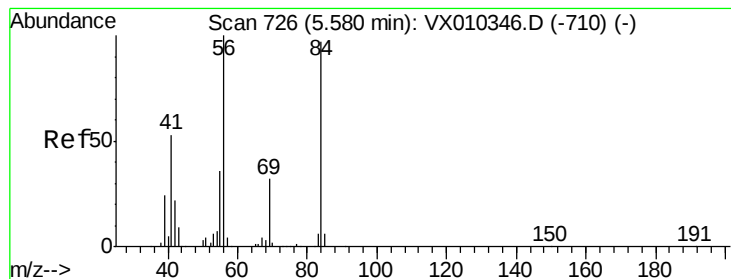
#30
Chloroform
Concen: 51.241 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 83 Resp: 233124
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.543 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

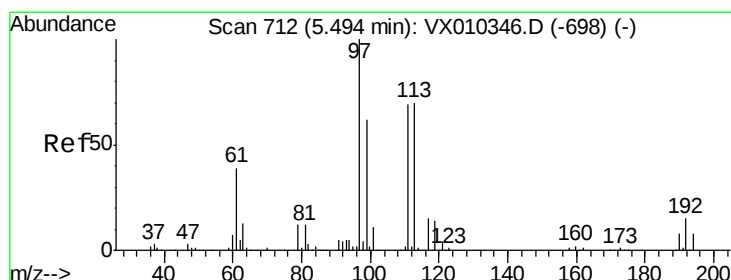
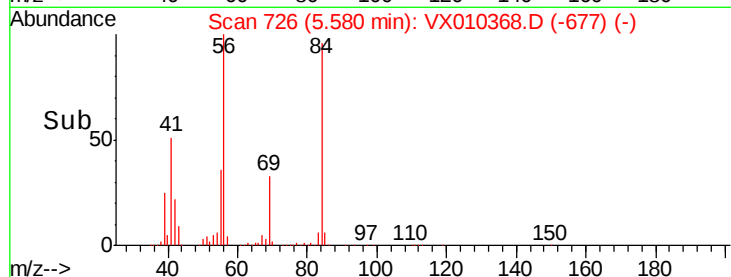
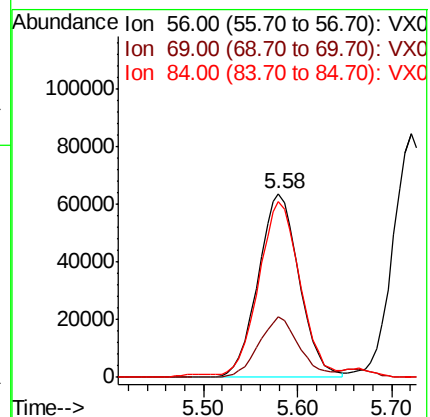
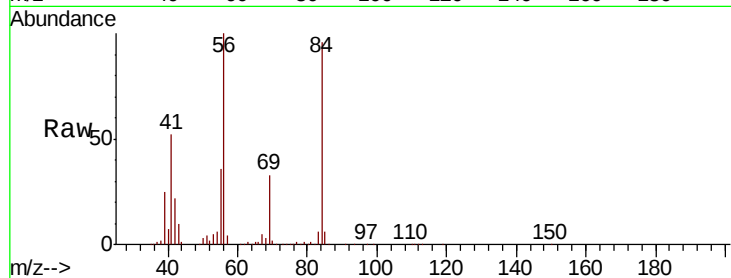
Tot Ion: 56 Resp: 194620

Ion Ratio Lower Upper

56 100

69 32.6 25.9 38.9

84 94.3 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 52.178 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

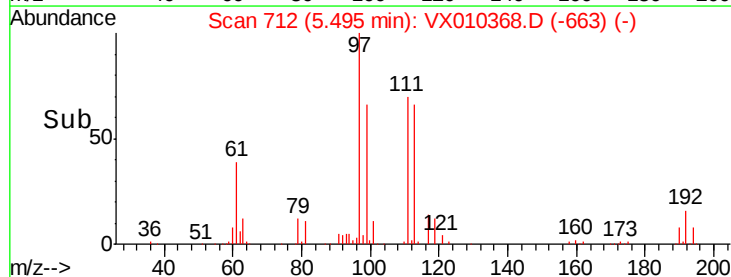
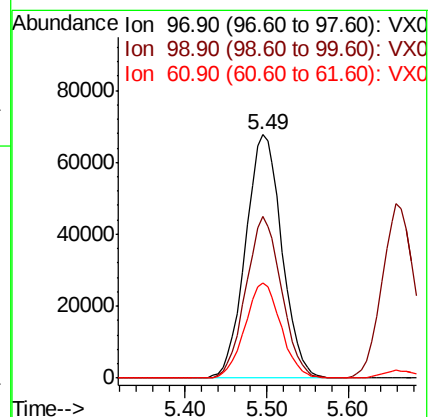
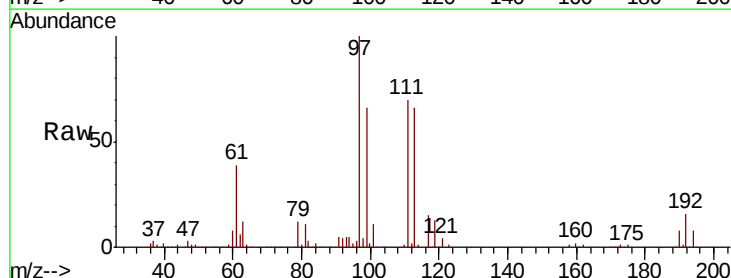
Tgt Ion: 97 Resp: 209611

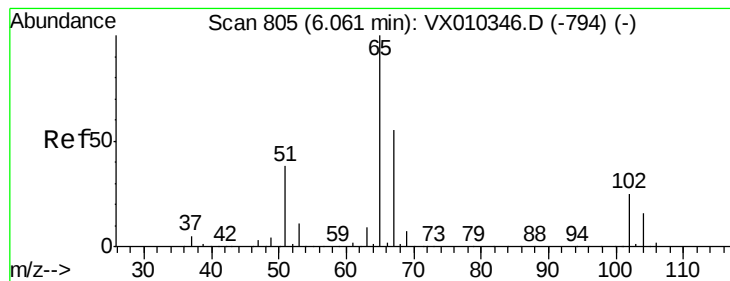
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 38.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 50.914 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

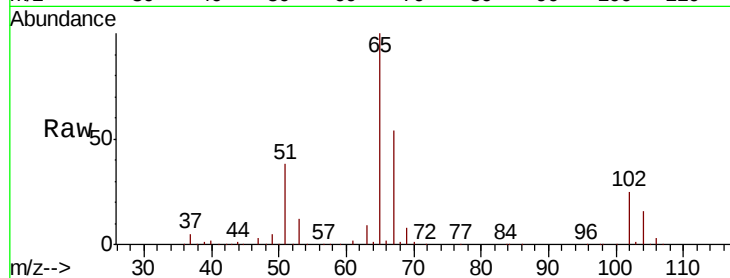
ClientSampled :

Tot Ion: 65 Resp: 135726

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

30000

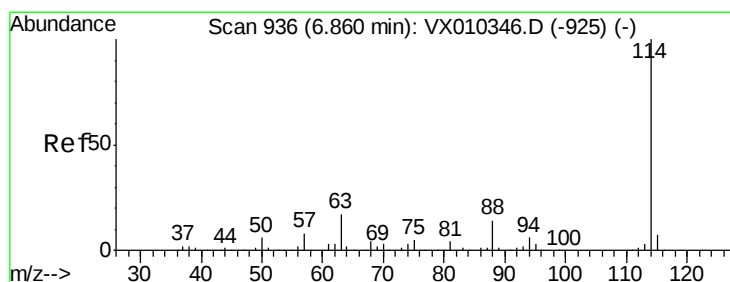
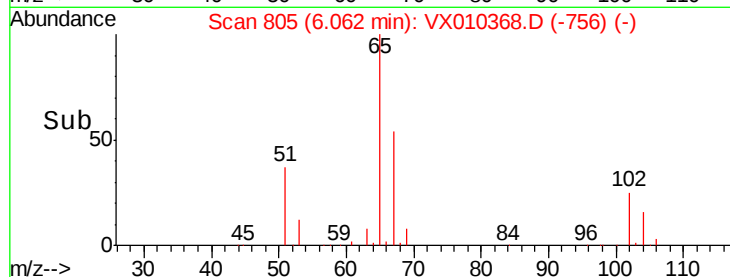
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

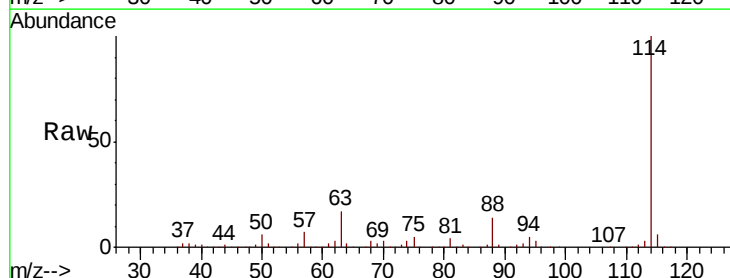
Tgt Ion: 114 Resp: 435912

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 13.9 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

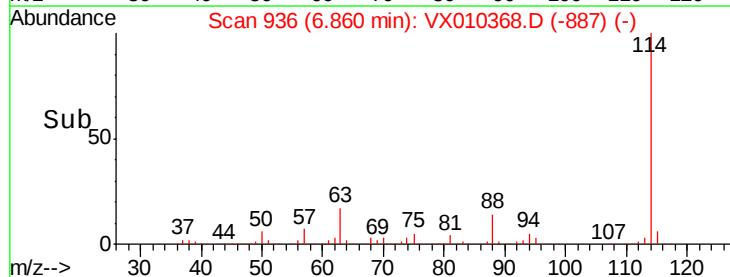
100000

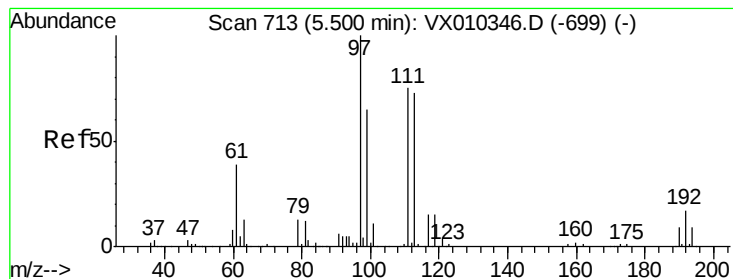
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.378 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

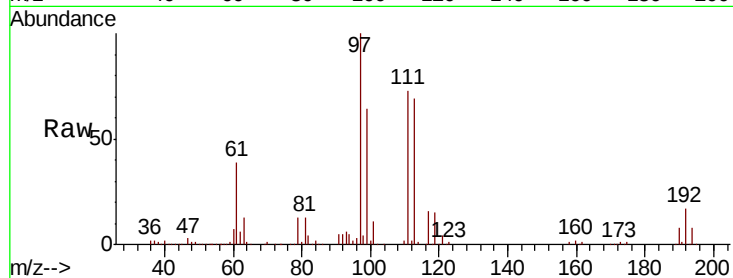
Tot Ion:113 Resp: 134361

Ion Ratio Lower Upper

113 100

111 103.5 81.2 121.8

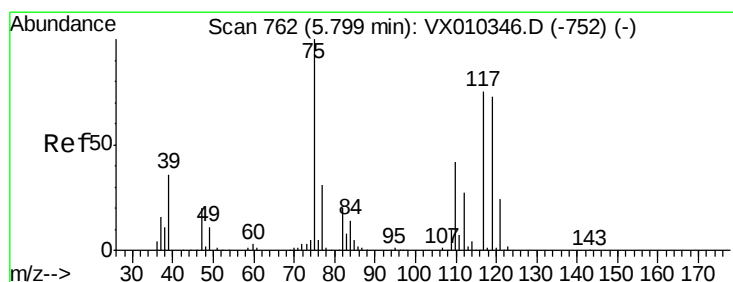
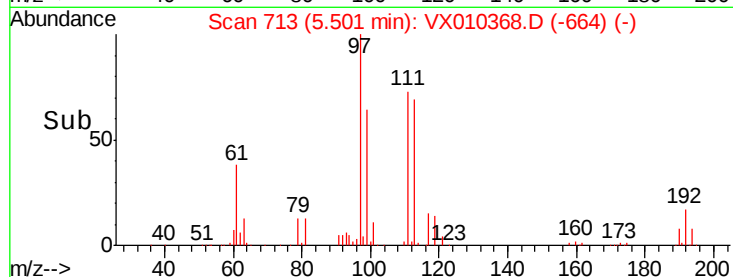
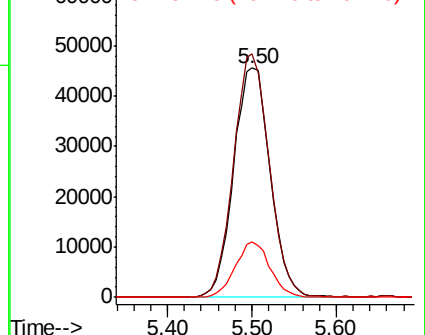
192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.734 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

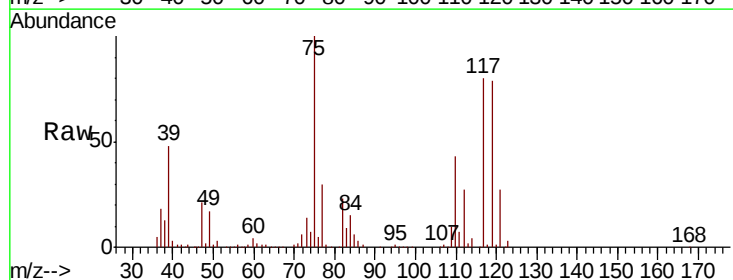
Tgt Ion: 75 Resp: 168813

Ion Ratio Lower Upper

75 100

110 42.1 20.8 62.2

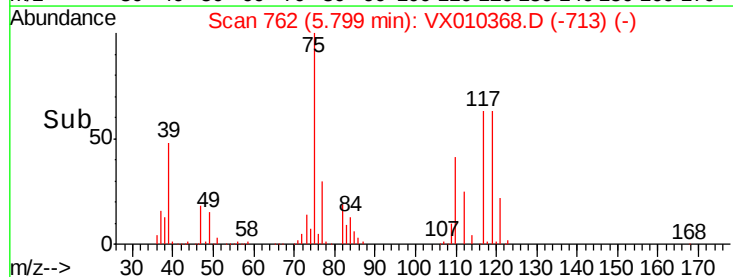
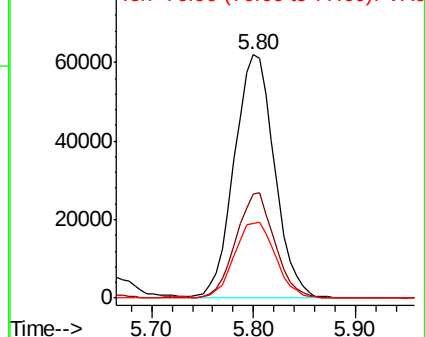
77 32.1 25.4 38.0

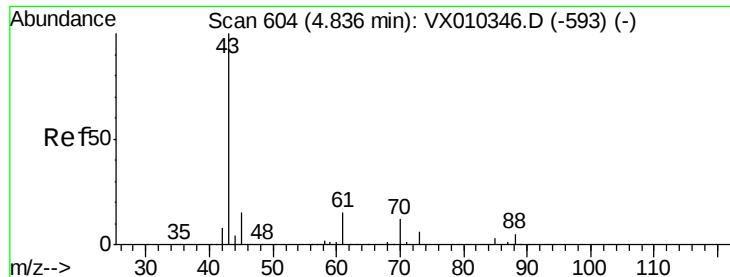


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.334 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

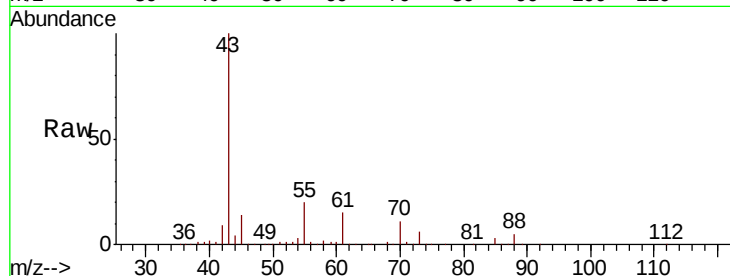
Tot Ion: 43 Resp: 179370

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

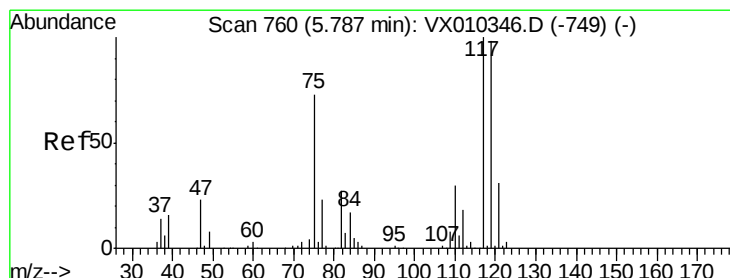
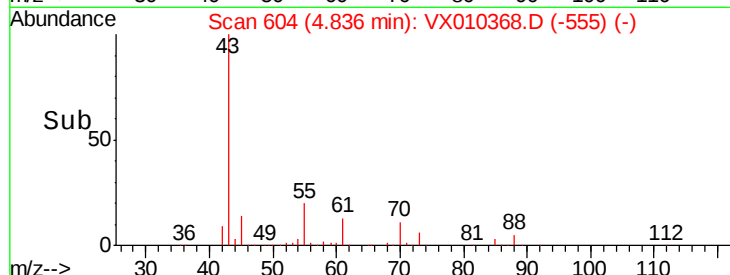
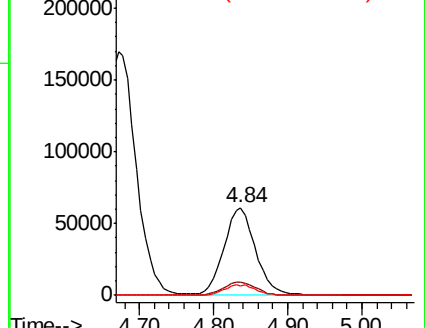
70 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.676 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

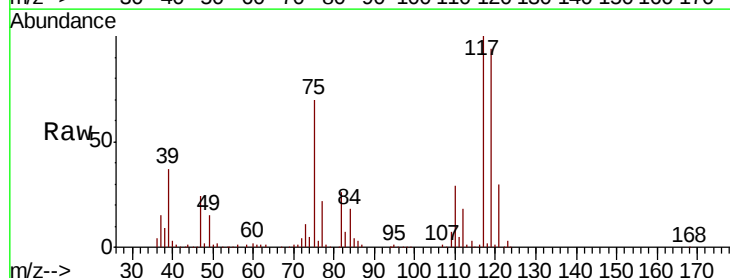
Tgt Ion: 117 Resp: 190087

Ion Ratio Lower Upper

117 100

119 94.0 78.2 117.4

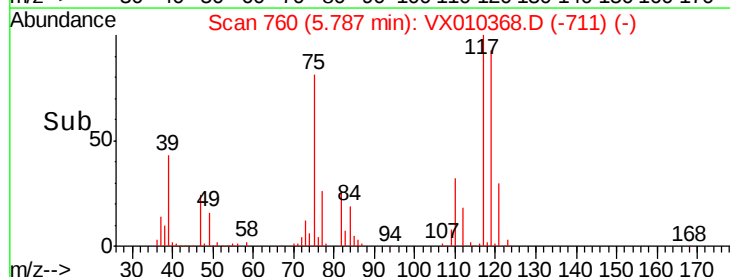
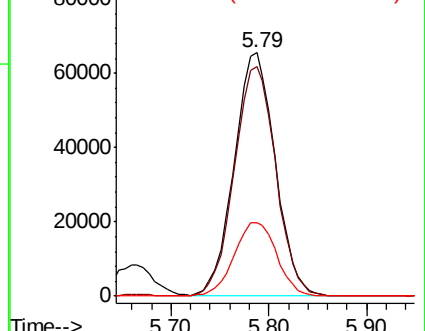
121 30.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

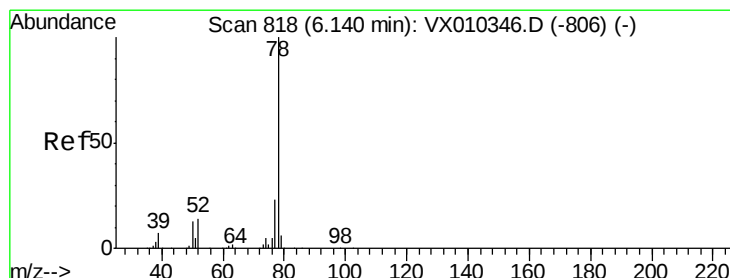
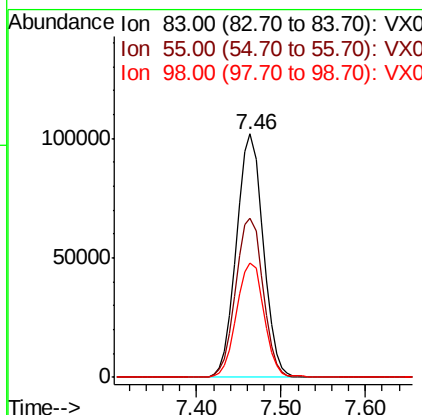
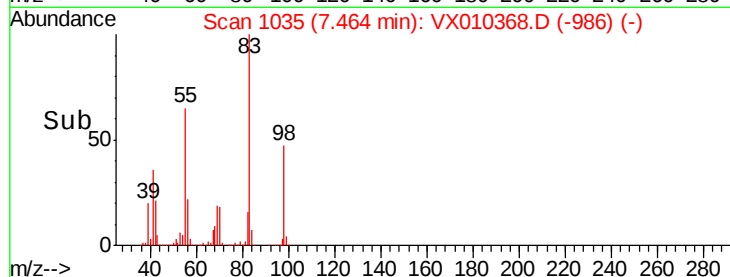
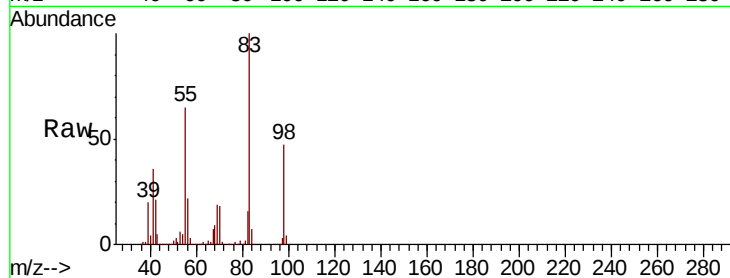




#39
Methvlcvclohexane
Concen: 47.740 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

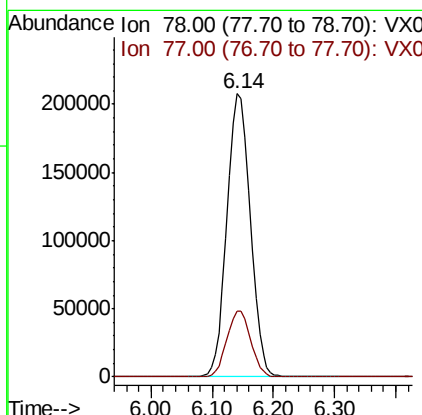
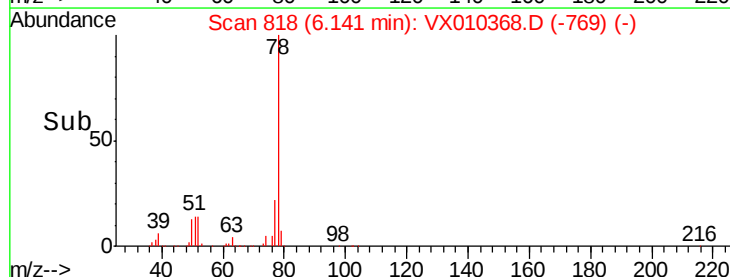
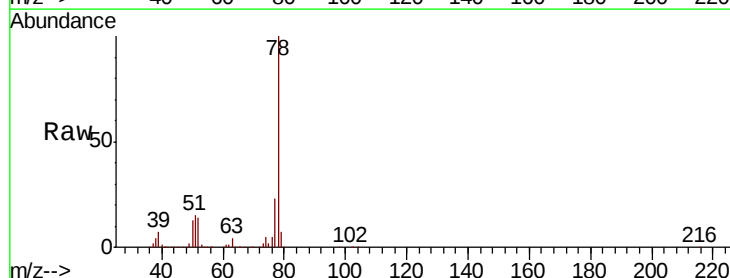
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 217377
Ion Ratio Lower Upper
83 100
55 65.4 53.0 79.6
98 47.2 37.8 56.8



#40
Benzene
Concen: 50.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 78 Resp: 547760
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

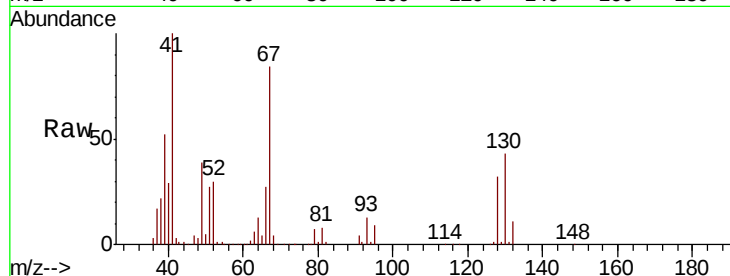




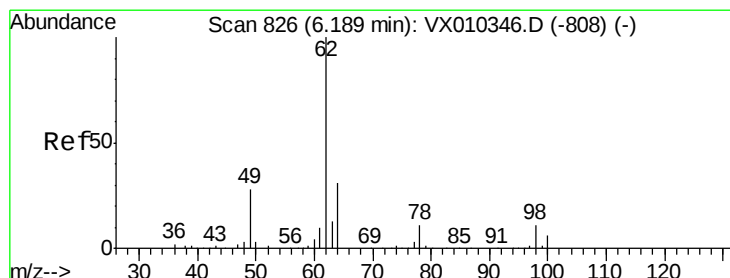
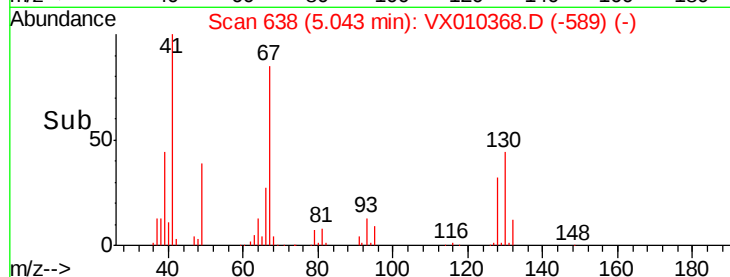
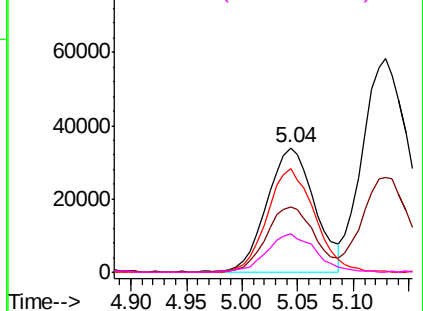
#41
Methacrylonitrile
Concen: 51.519 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 100735
Ion Ratio Lower Upper
41 100
39 53.6 43.8 65.8
67 83.6 66.6 100.0
52 30.6 24.5 36.7

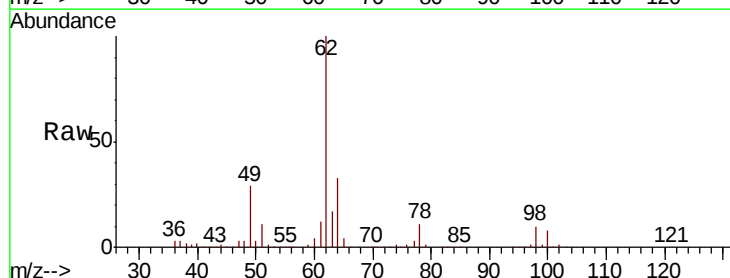


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

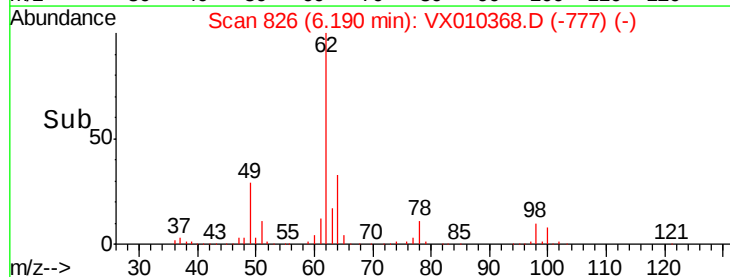
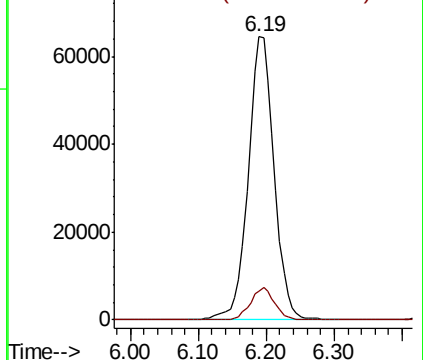


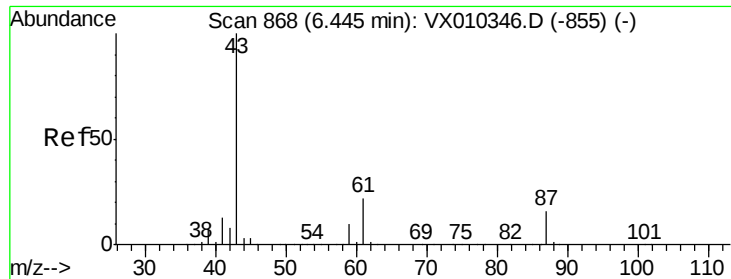
#42
1,2-Dichloroethane
Concen: 51.622 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 62 Resp: 169582
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.2



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



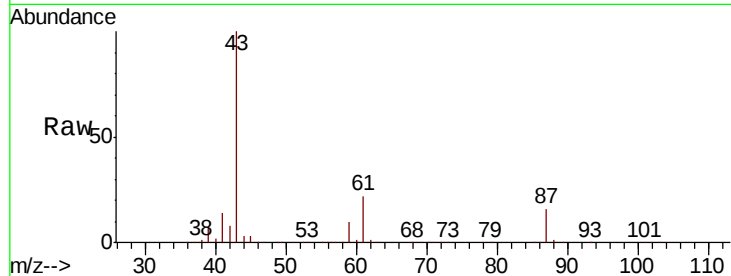


#43

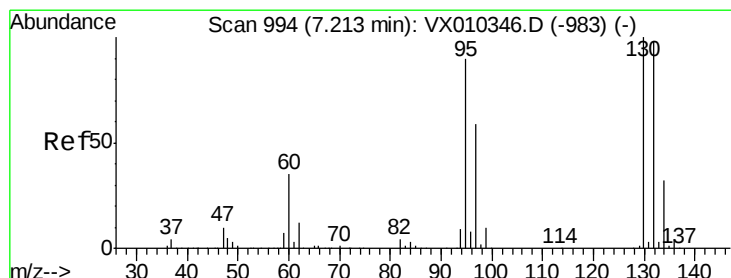
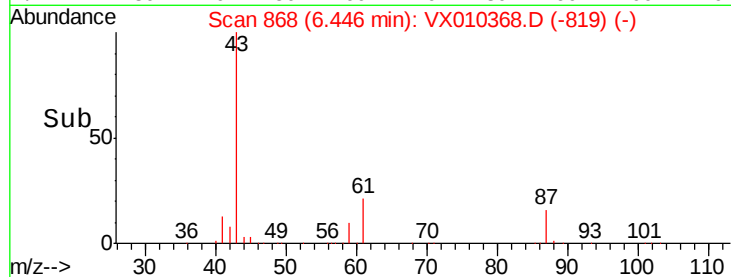
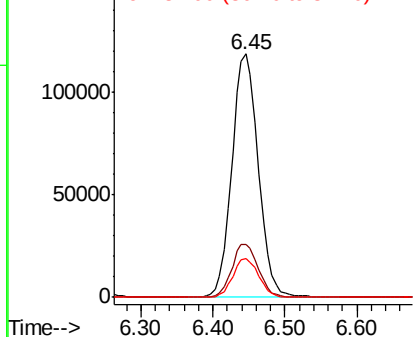
Isopropyl Acetate
 Concen: 50.898 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 300094
 Ion Ratio Lower Upper
 43 100
 61 22.1 17.8 26.6
 87 16.0 13.0 19.4



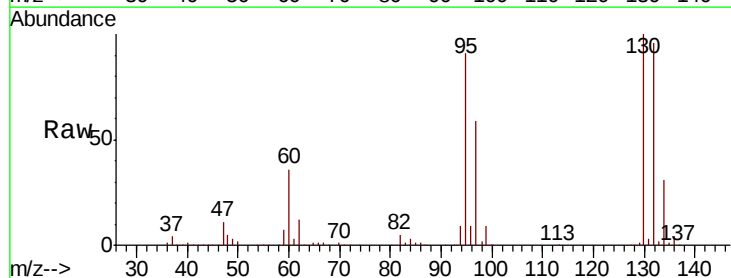
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



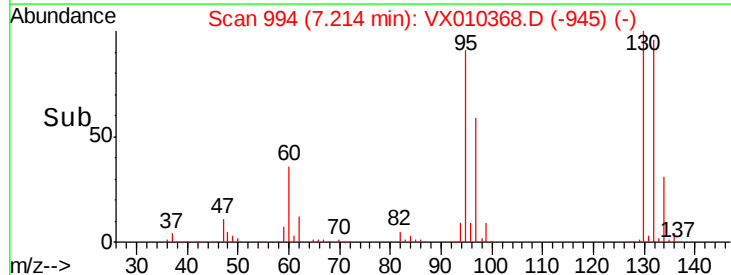
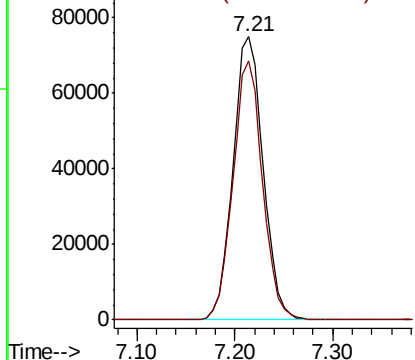
#44

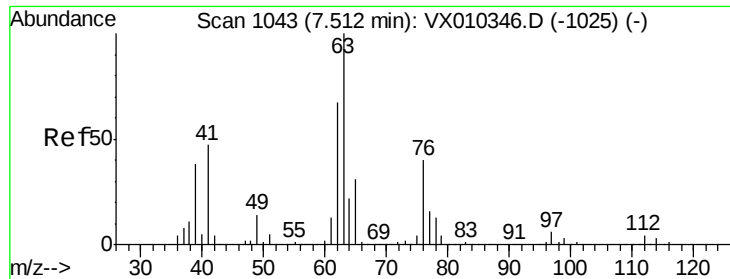
Trichloroethene
 Concen: 49.636 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 130 Resp: 160288
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

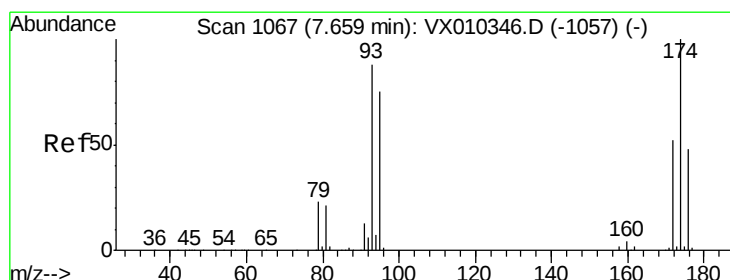
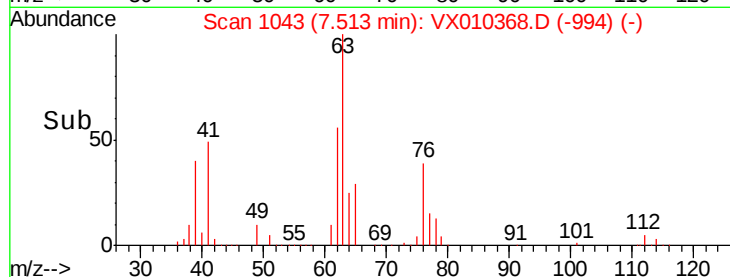
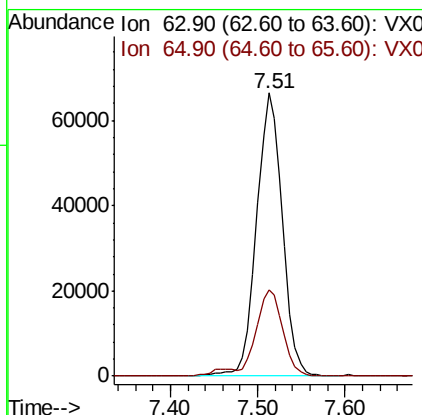
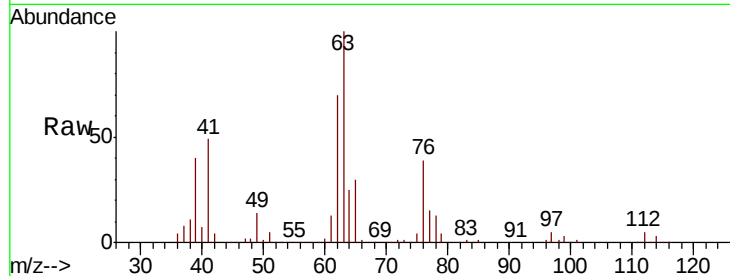




#45
 1,2-Dichloropropane
 Concen: 50.061 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

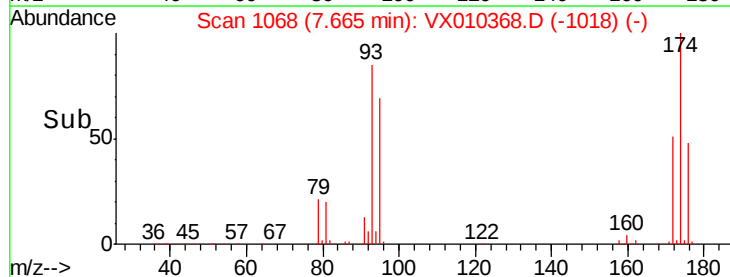
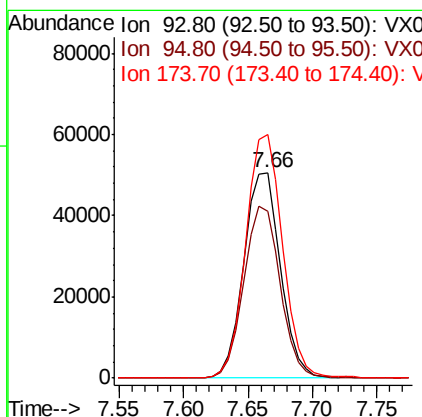
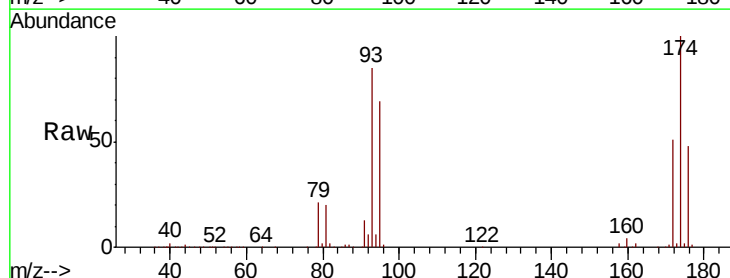
Instrument :
 MSVOA_X
 ClientSampleId :

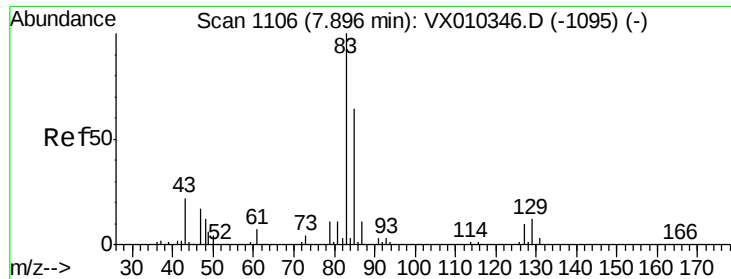
Tot Ion: 63 Resp: 136430
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2



#46
 Dibromomethane
 Concen: 51.045 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 93 Resp: 99810
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 119.1 95.8 143.6





#47

Bromodichloromethane

Concen: 51.607 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

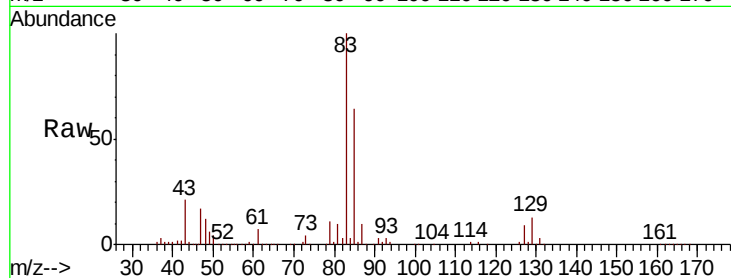
Tot Ion: 83 Resp: 184927

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

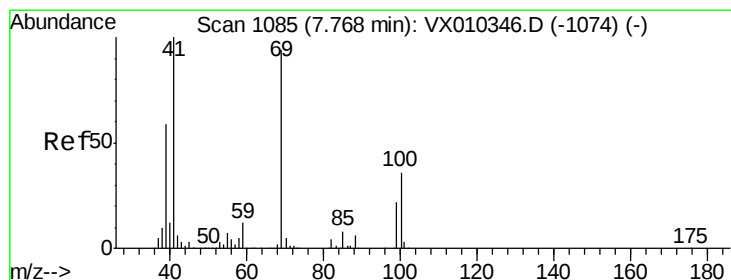
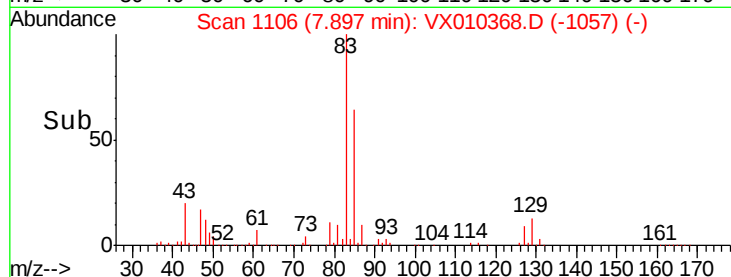
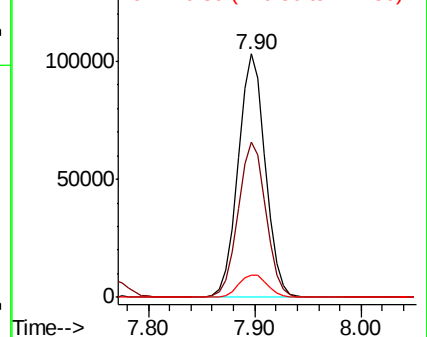
127 9.1 7.8 11.8



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: 52.825 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

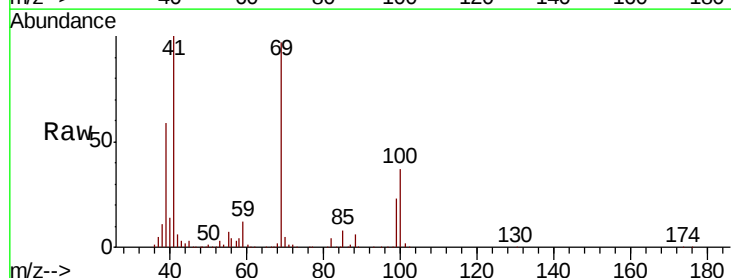
Tgt Ion: 41 Resp: 144769

Ion Ratio Lower Upper

41 100

69 95.2 76.1 114.1

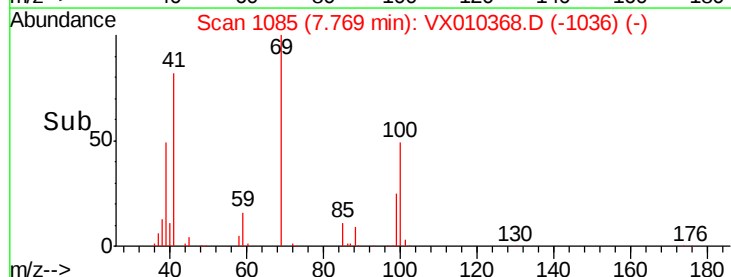
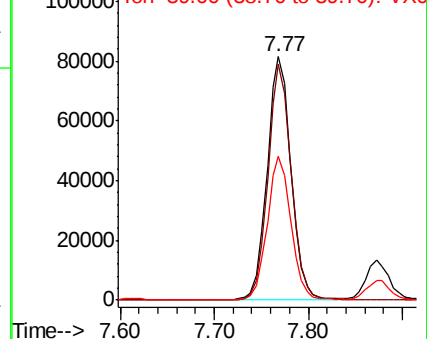
39 58.9 47.6 71.4

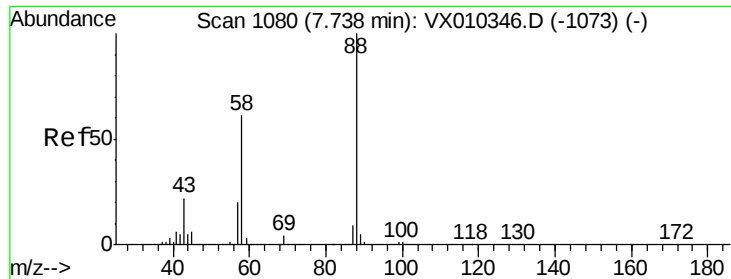


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

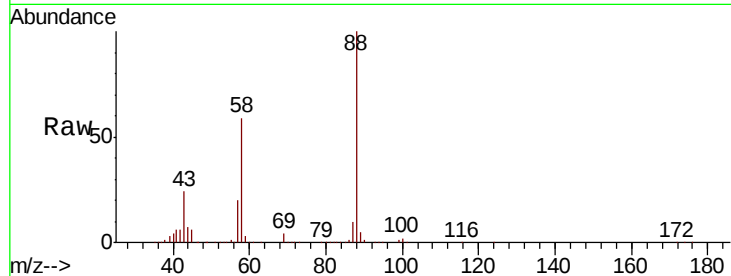




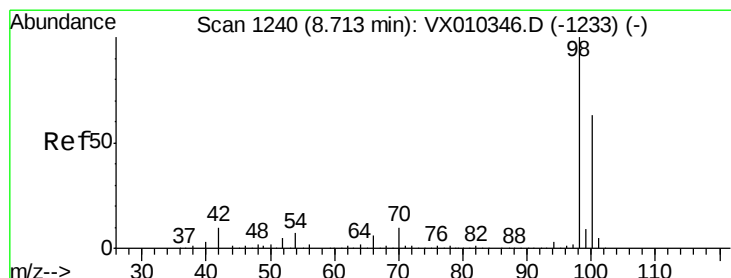
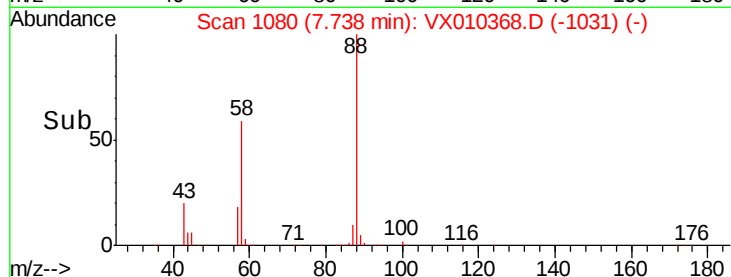
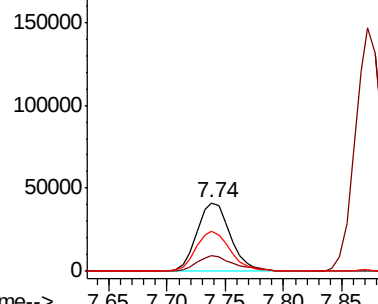
#49
1,4-Dioxane
Concen: 1048.598 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 82784
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.2
58 61.1 49.5 74.3

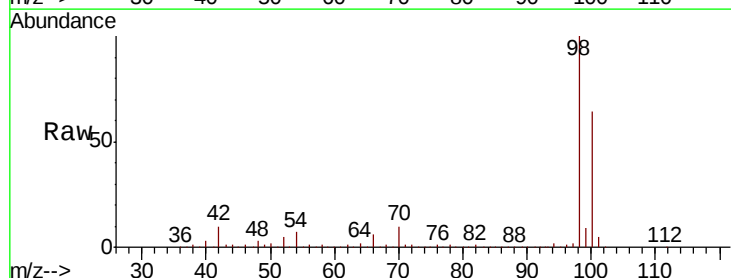


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

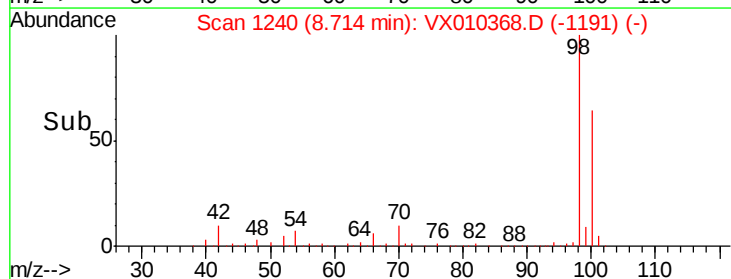
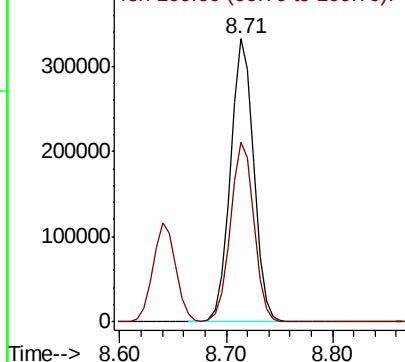


#50
Toluene-d8
Concen: 49.842 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 98 Resp: 508568
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

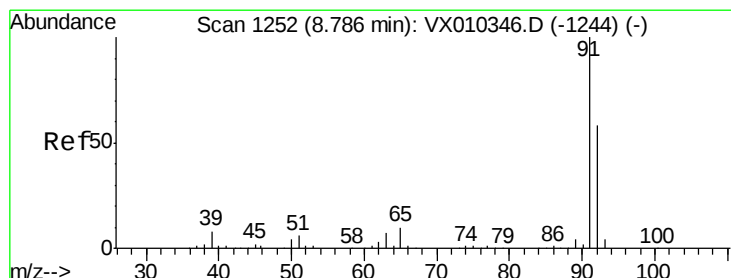
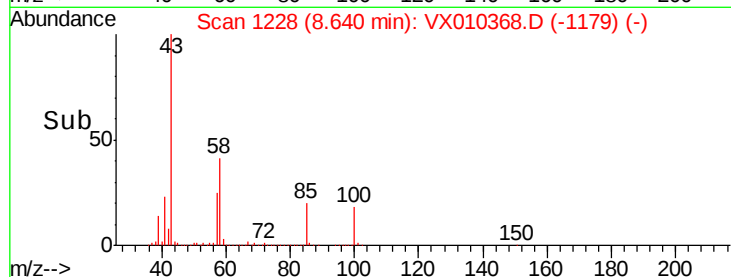
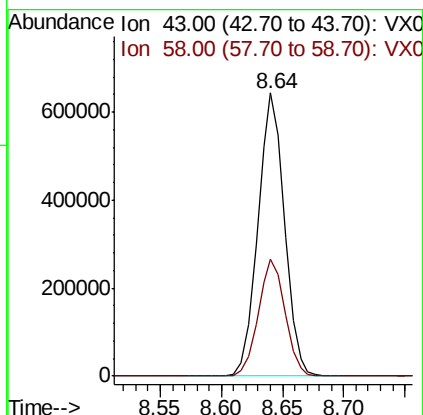
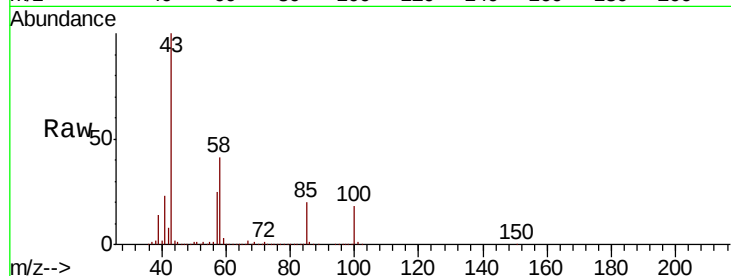




#51
4-Methyl-2-Pentanone
Concen: 258.208 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

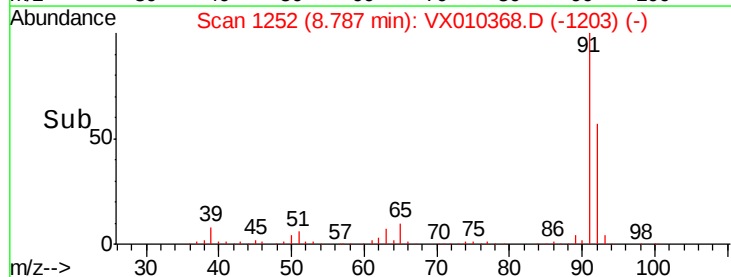
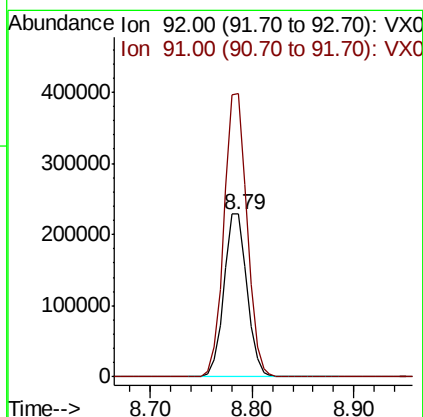
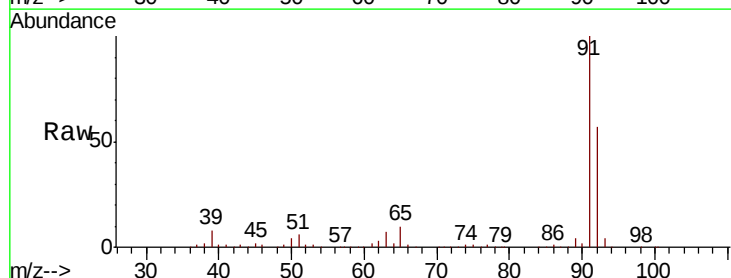
Instrument :
MSVOA_X
ClientSampleId :

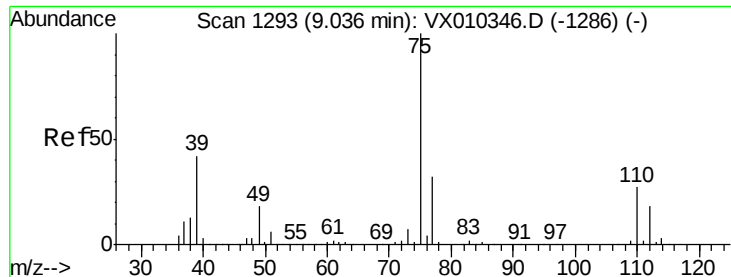
Tot Ion: 43 Resp: 973656
Ion Ratio Lower Upper
43 100
58 41.6 33.5 50.3



#52
Toluene
Concen: 50.242 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 92 Resp: 357065
Ion Ratio Lower Upper
92 100
91 174.0 139.8 209.6

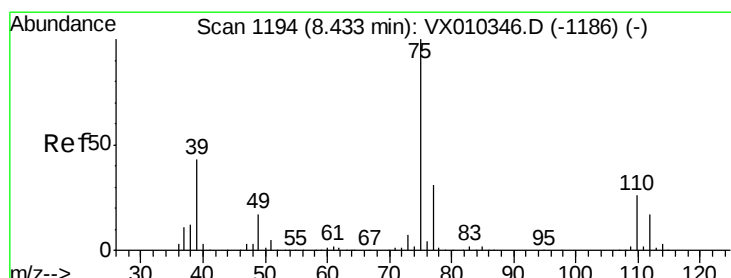
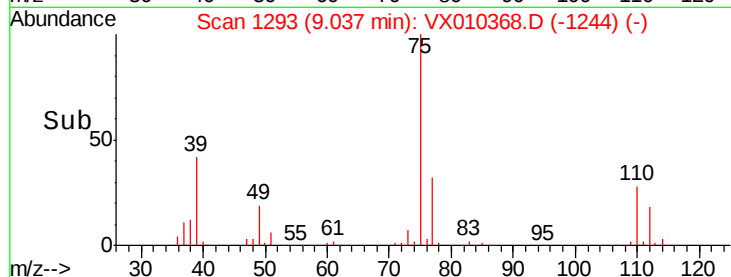
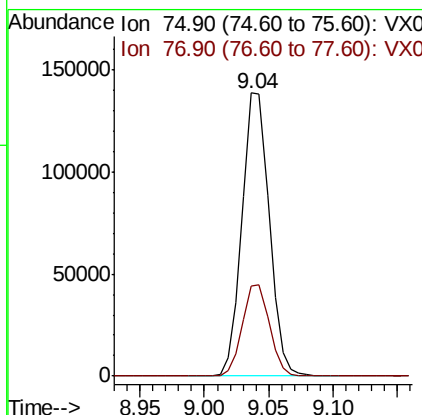
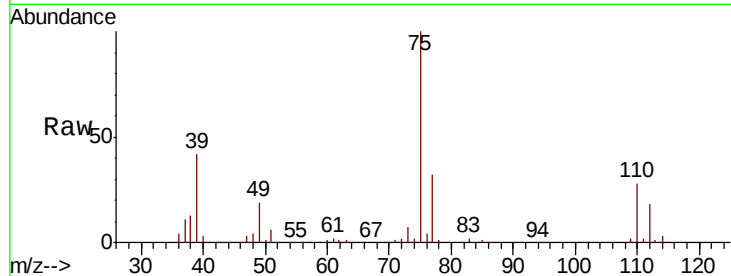




#53
t-1,3-Dichloropropene
Concen: 50.759 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

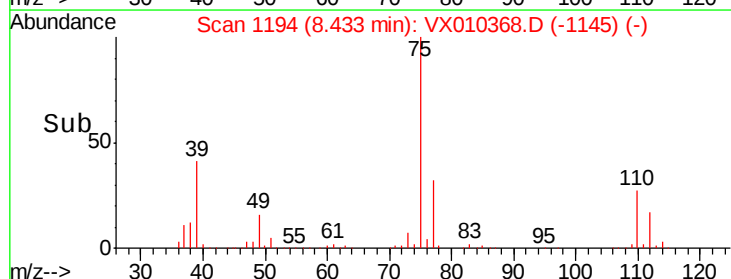
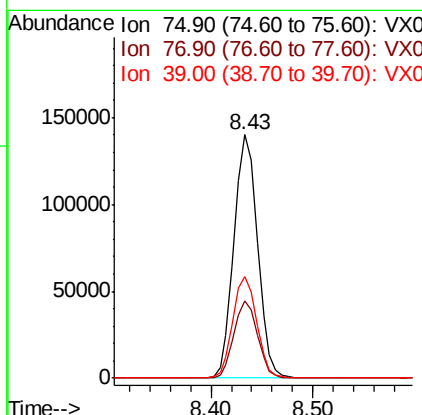
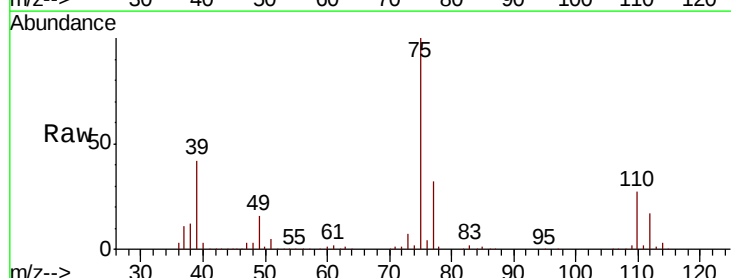
Instrument :
MSVOA_X
ClientSampleId :

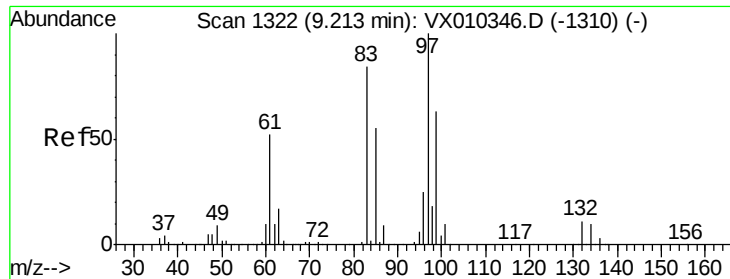
Tot Ion: 75 Resp: 203923
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.304 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 223984
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 41.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.022 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 149547

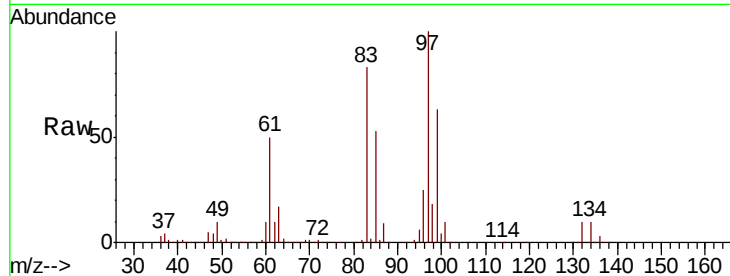
Ion Ratio Lower Upper

97 100

83 83.0 67.4 101.0

85 53.2 43.8 65.8

99 62.9 50.3 75.5

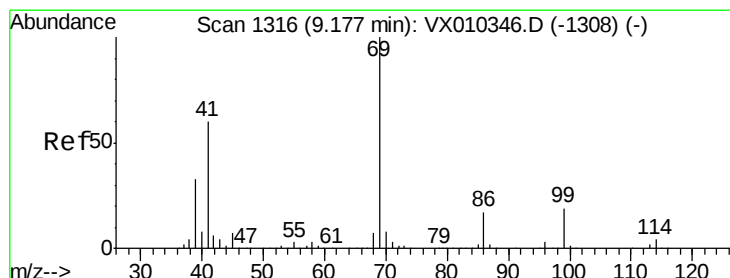
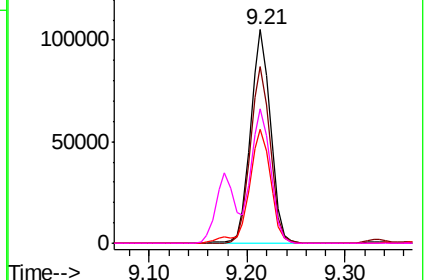
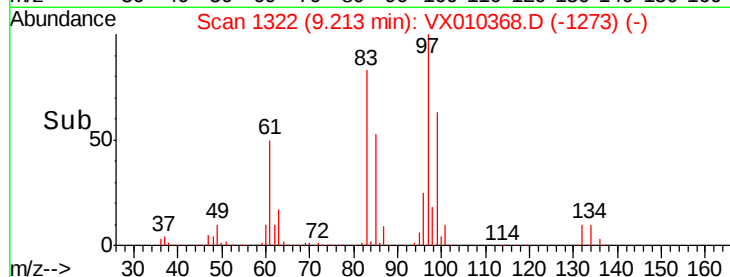


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.586 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

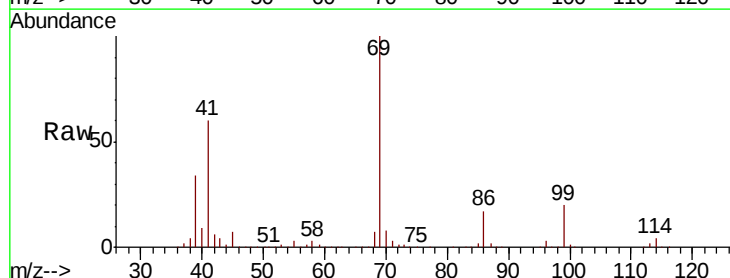
Tgt Ion: 69 Resp: 229047

Ion Ratio Lower Upper

69 100

41 59.2 47.1 70.7

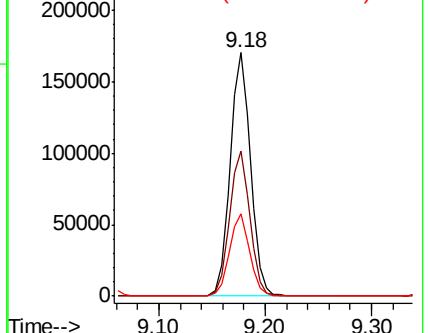
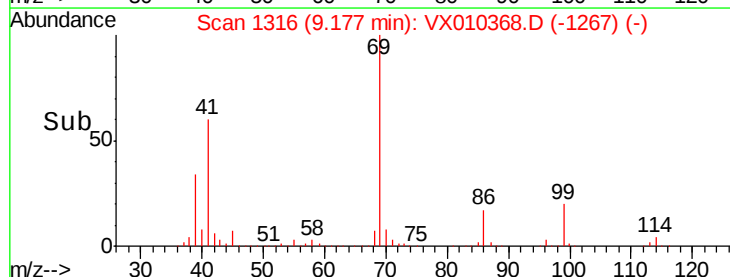
39 33.4 26.6 40.0

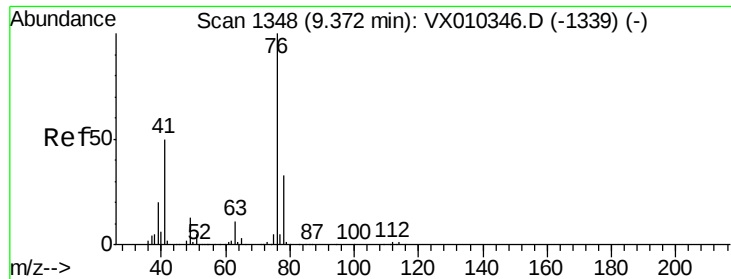


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

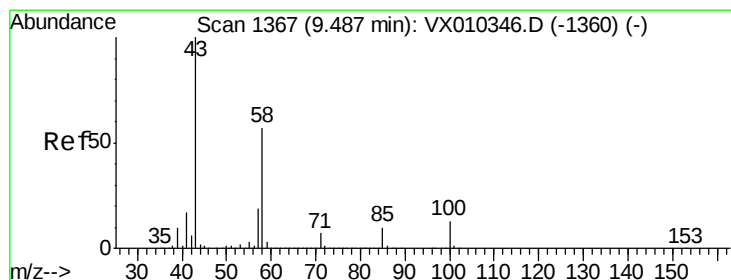
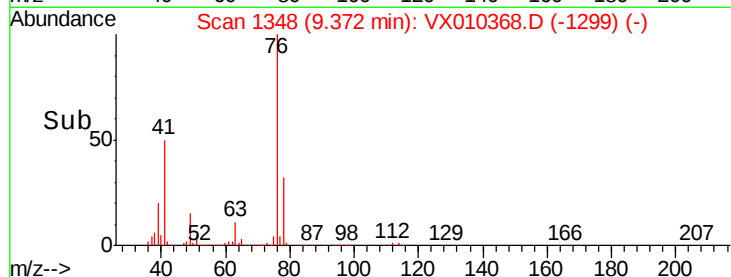
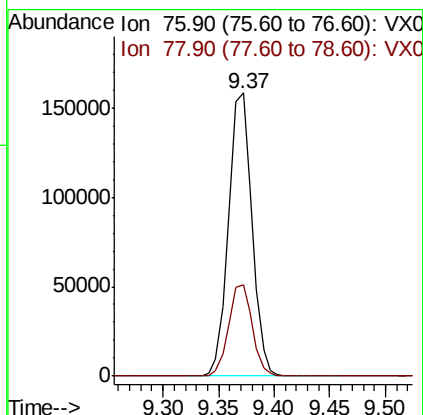
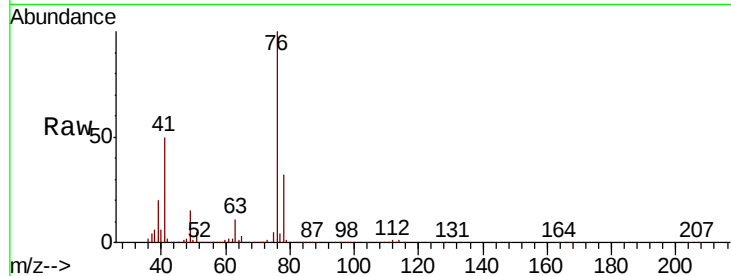




#57
 1,3-Dichloropropane
 Concen: 50.965 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

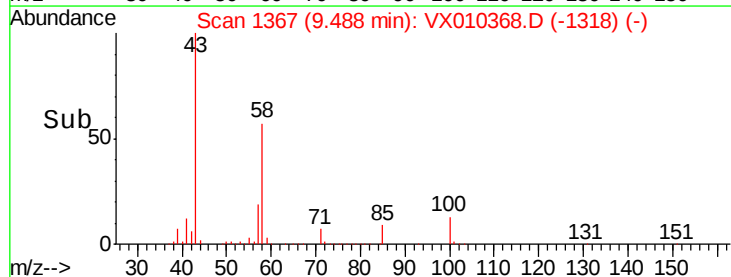
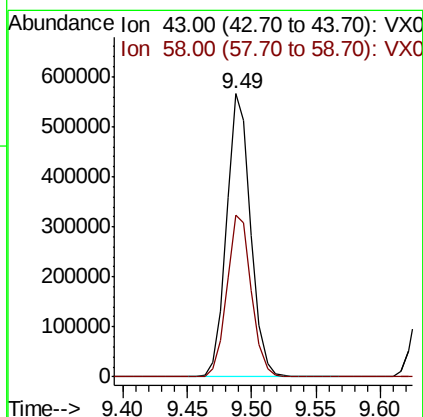
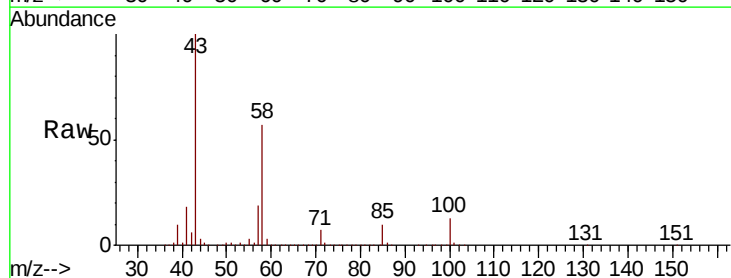
Instrument :
 MSVOA_X
 ClientSampleId :

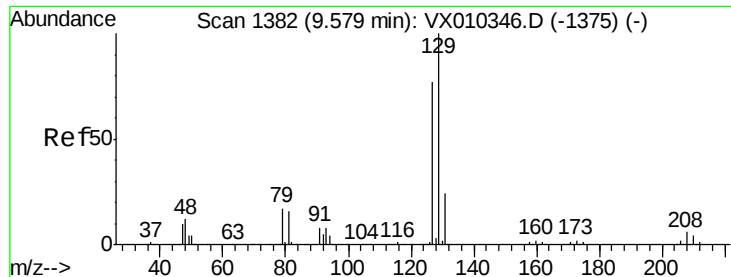
Tot Ion: 76 Resp: 231882
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#59
 2-Hexanone
 Concen: 250.361 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 43 Resp: 743015
 Ion Ratio Lower Upper
 43 100
 58 58.4 29.0 87.1





#60

Dibromochloromethane

Concen: 52.321 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

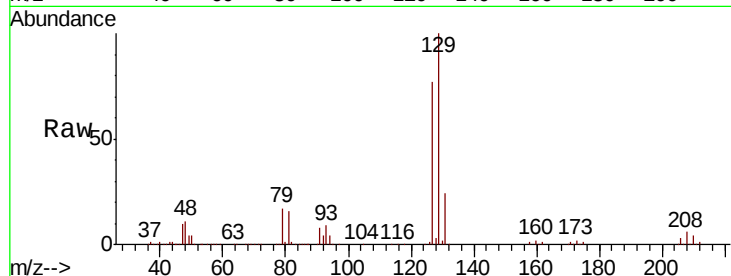
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 171708

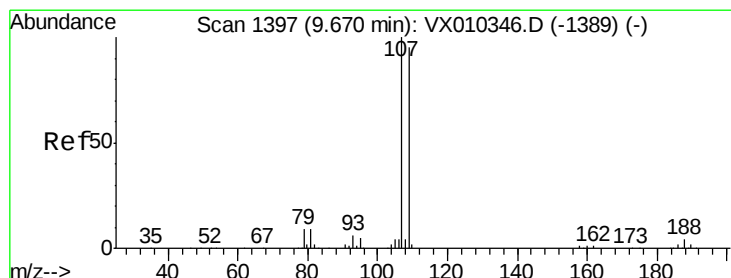
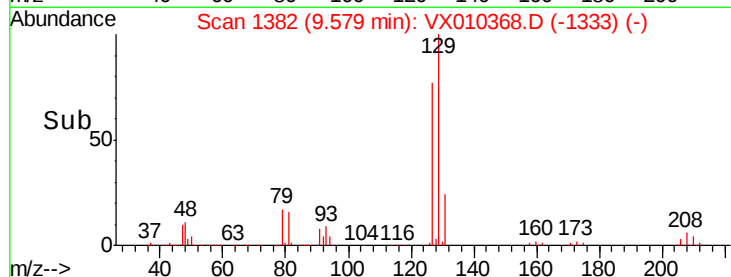
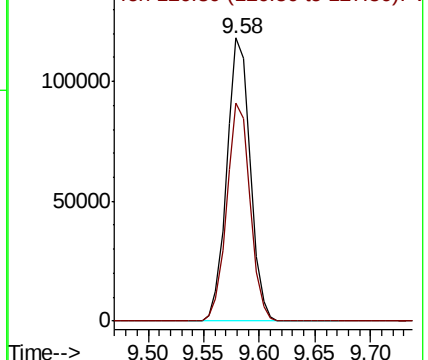
Ion Ratio Lower Upper

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: 52.081 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010368.D

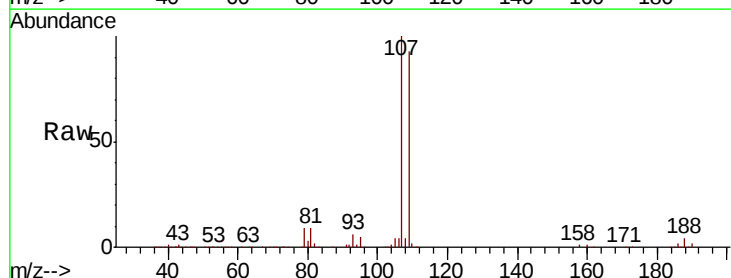
Acq: 20 Jun 2019 19:32

Tgt Ion:107 Resp: 164769

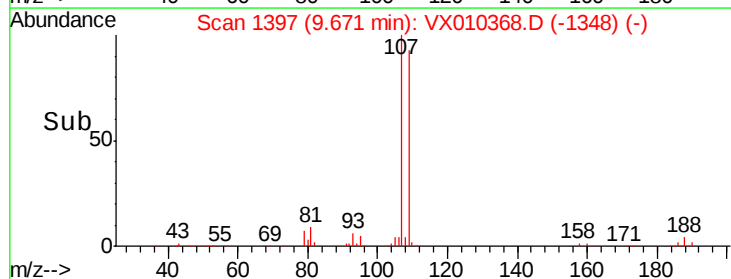
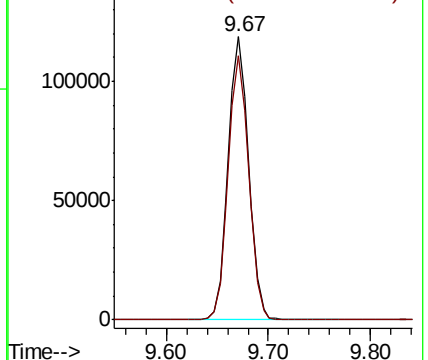
Ion Ratio Lower Upper

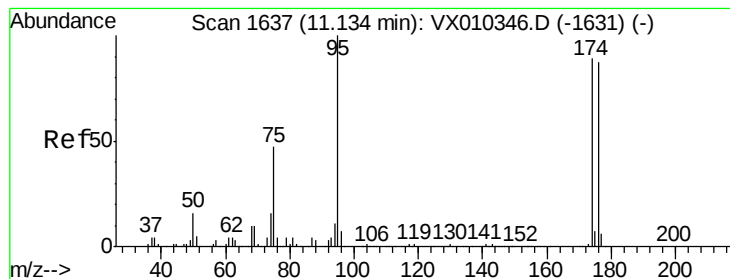
107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

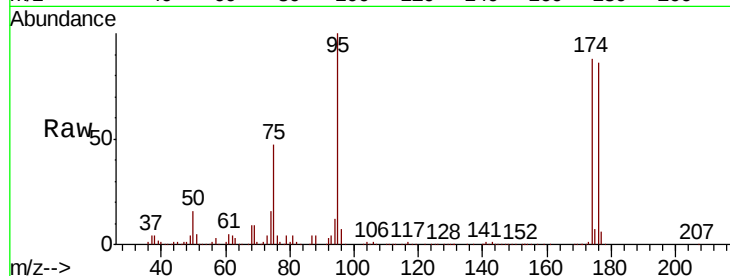
Tot Ion: 95 Resp: 181217

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.6

176 92.0 0.0 184.0

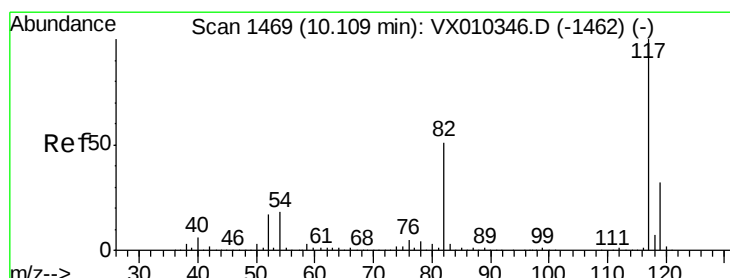
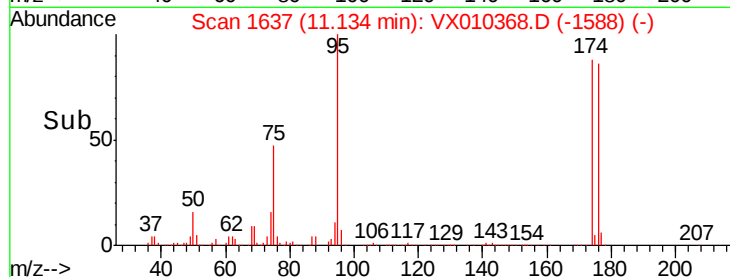
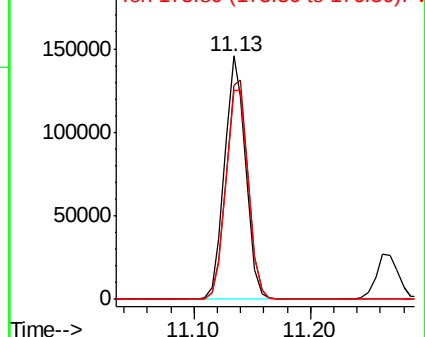


Abundance

Ion 94.90 (94.60 to 95.60): VX010368.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010368.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010368.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

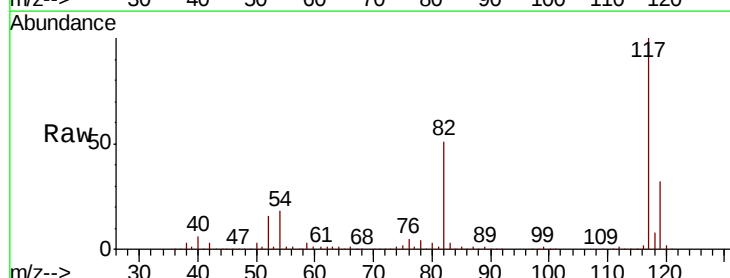
Tgt Ion: 117 Resp: 390551

Ion Ratio Lower Upper

117 100

82 51.1 41.2 61.8

119 31.8 25.5 38.3

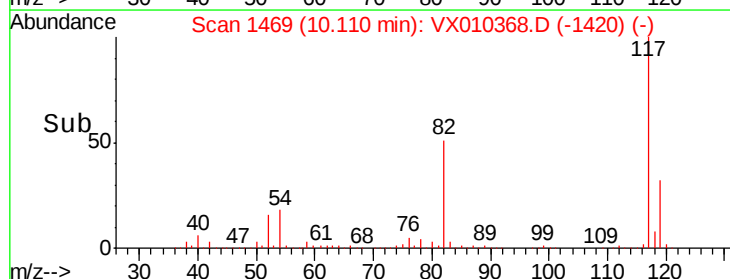
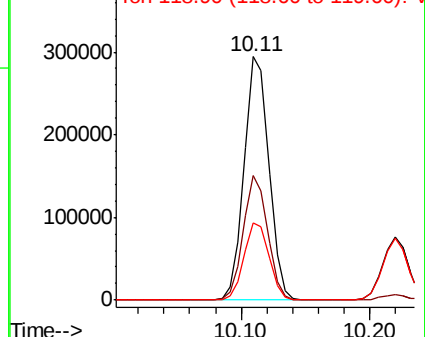


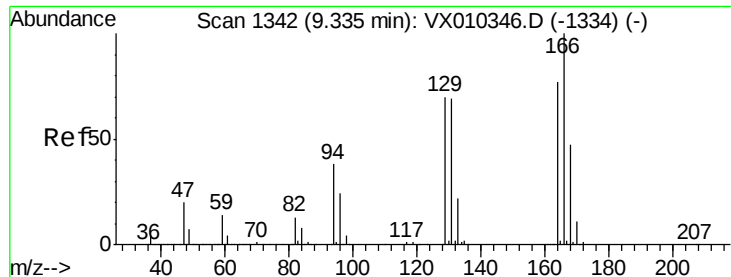
Abundance

Ion 116.90 (116.60 to 117.60): VX010368.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010368.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010368.D (-1462) (-)





#64

Tetrachloroethene

Concen: 45.142 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 142597

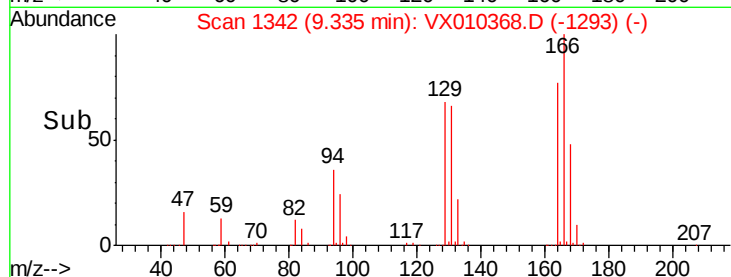
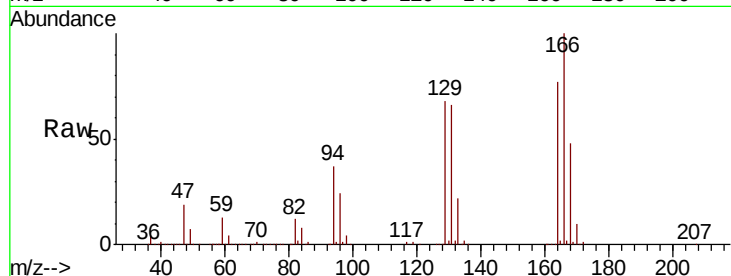
Ion Ratio Lower Upper

164 100

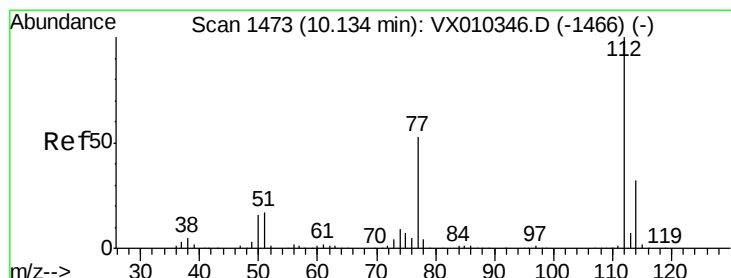
166 129.4 103.6 155.4

129 88.4 73.0 109.4

131 85.1 71.0 106.4



Time-->



#65

Chlorobenzene

Concen: 50.466 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010368.D

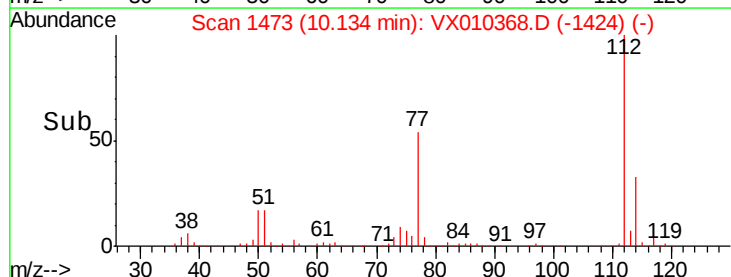
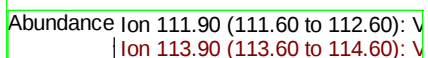
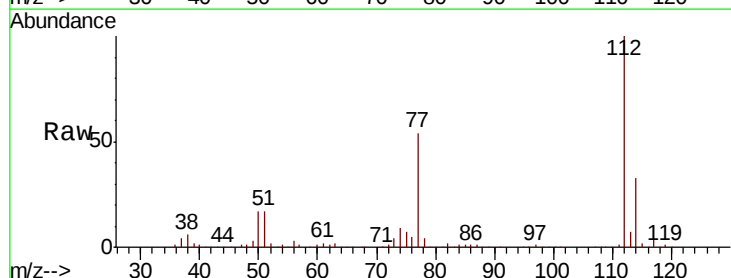
Acq: 20 Jun 2019 19:32

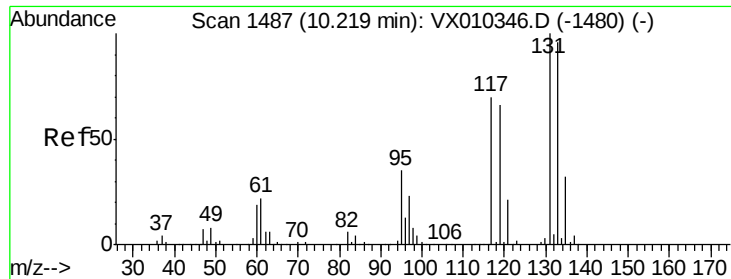
Tgt Ion:112 Resp: 400140

Ion Ratio Lower Upper

112 100

114 33.0 25.4 38.2

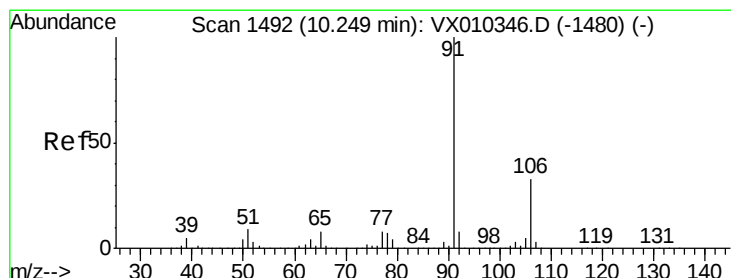
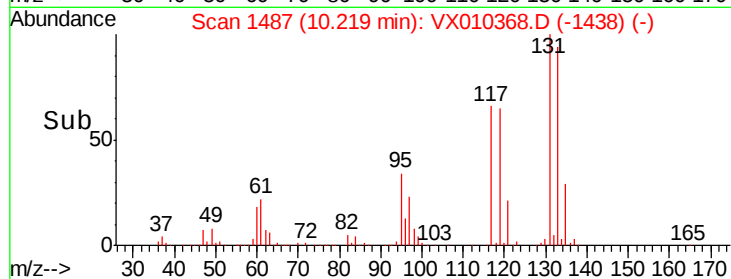
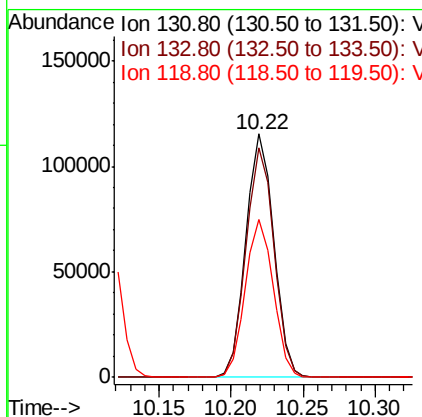
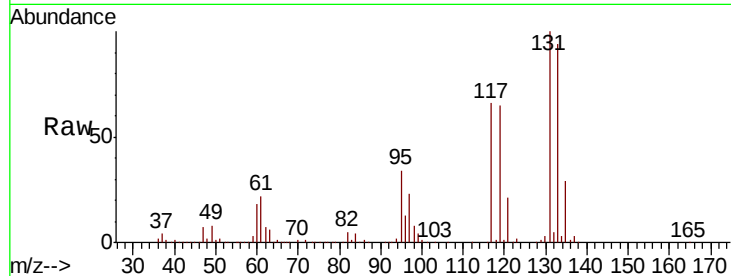




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.645 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

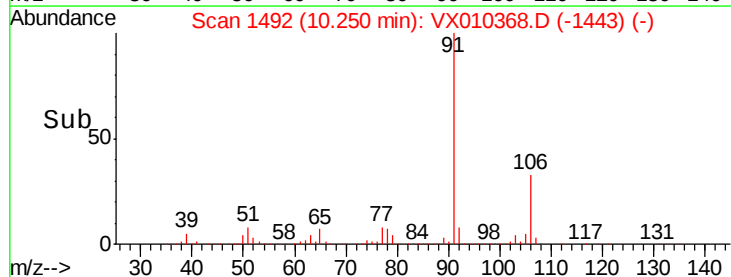
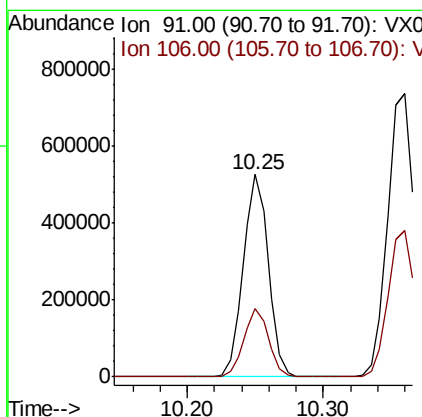
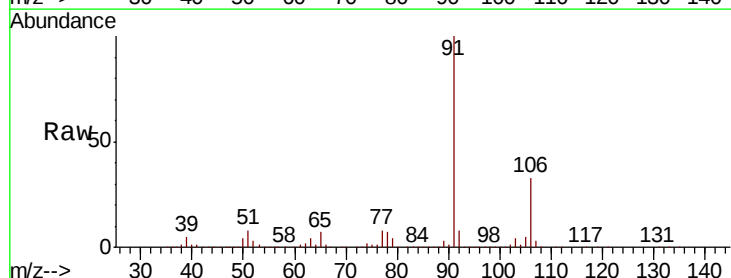
Instrument :
 MSVOA_X
 ClientSampleId :

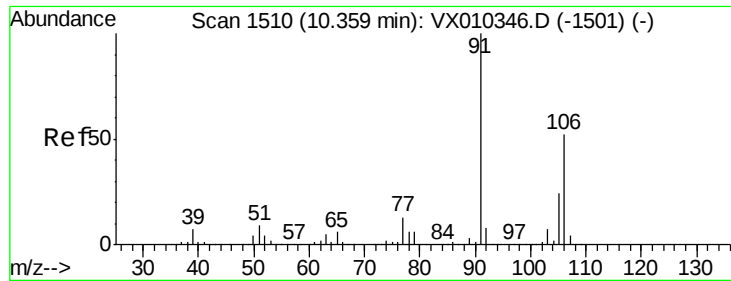
Tot Ion:131 Resp: 154935
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.7 143.1
 119 65.0 32.6 97.7



#67
 Ethyl Benzene
 Concen: 50.761 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 91 Resp: 679470
 Ion Ratio Lower Upper
 91 100
 106 33.5 26.2 39.2

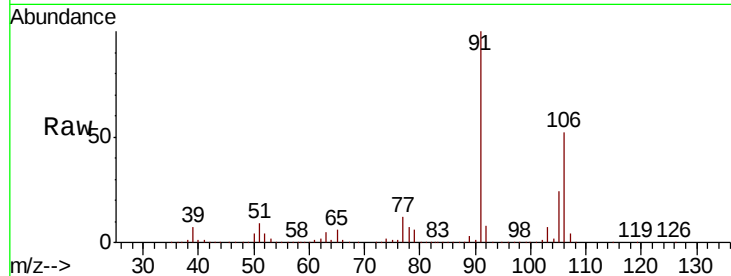




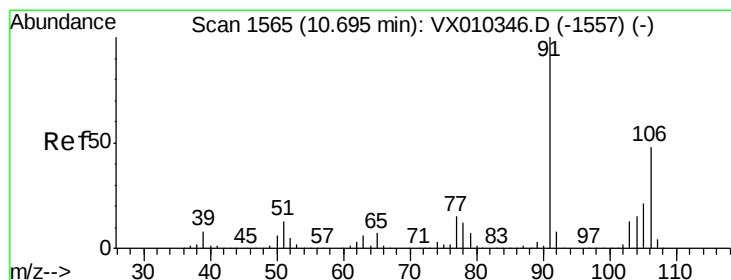
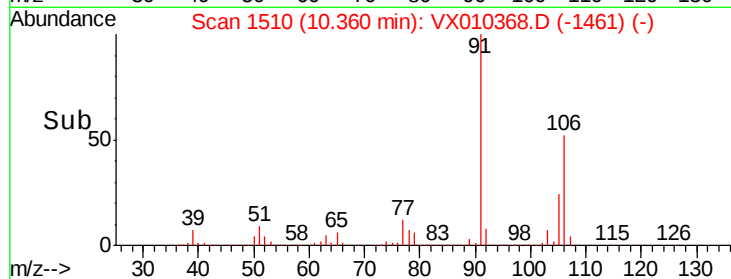
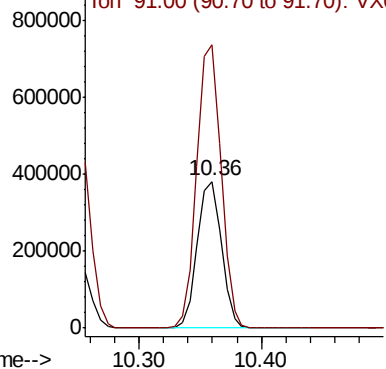
#68
m/p-Xylenes
Concen: 101.081 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 524271
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

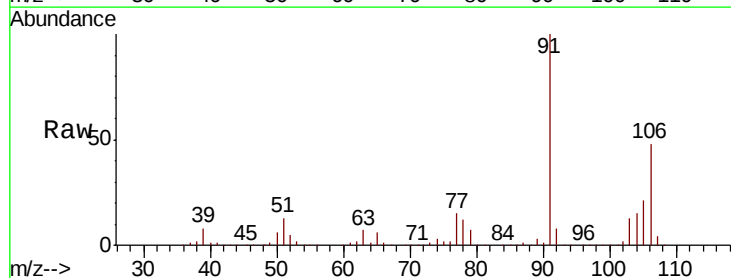


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

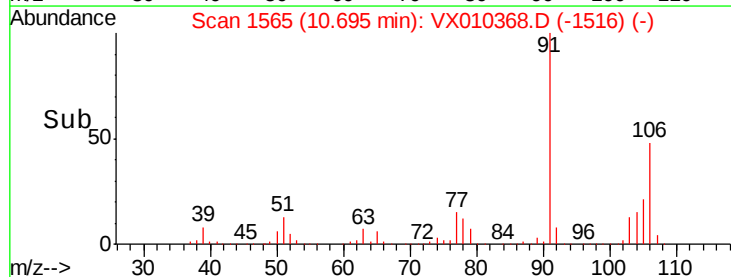
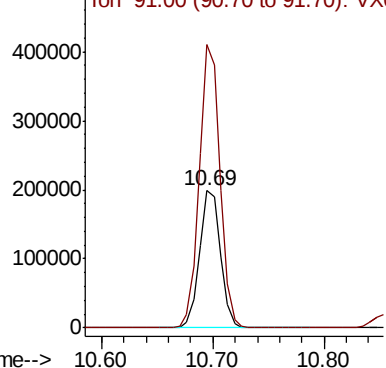


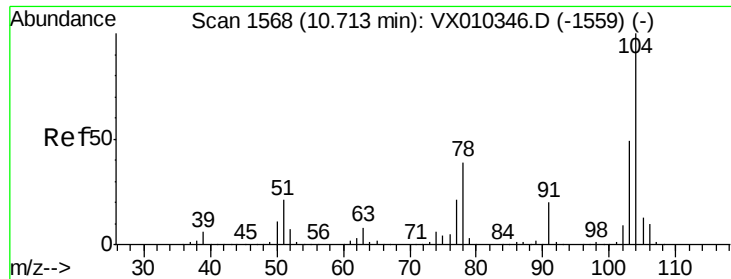
#69
o-Xylene
Concen: 50.591 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:106 Resp: 258044
Ion Ratio Lower Upper
106 100
91 203.5 102.7 308.1



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

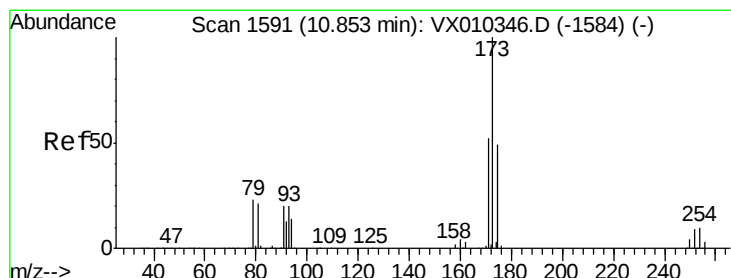
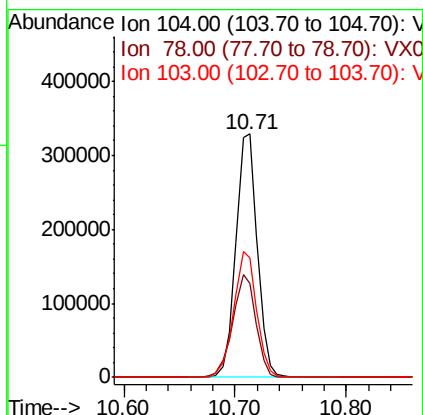
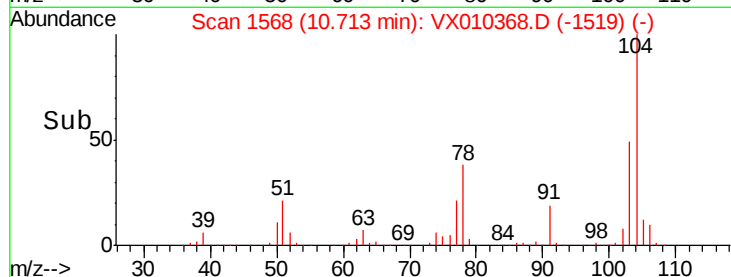
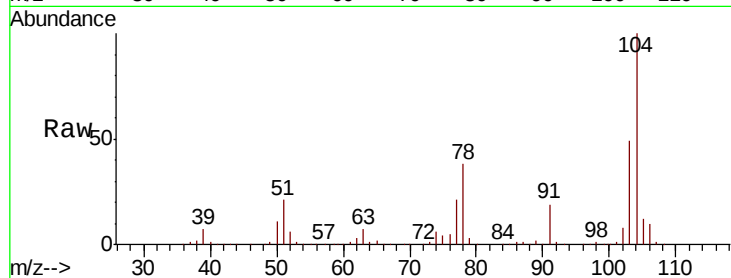




#70
Stvrene
Concen: 51.264 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

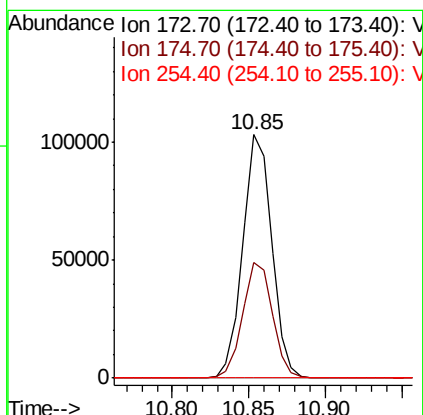
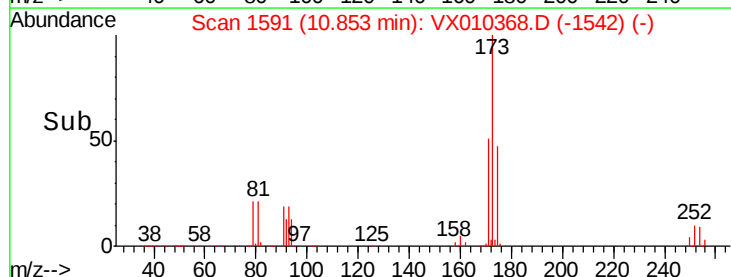
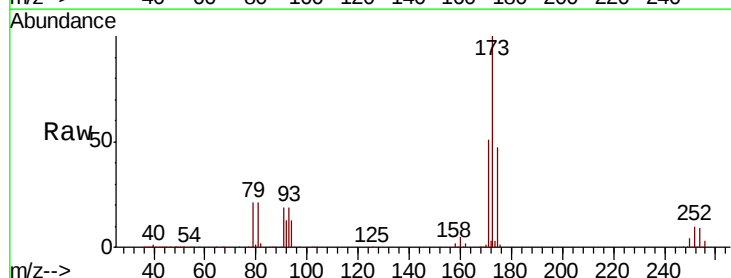
Instrument :
MSVOA_X
ClientSampled :

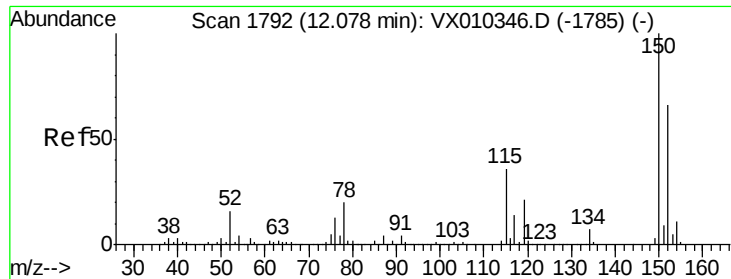
Tot Ion:104 Resp: 438506
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.2
103 55.3 44.2 66.4



#71
Bromoform
Concen: 54.310 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:173 Resp: 136405
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.2 0.2 0.2



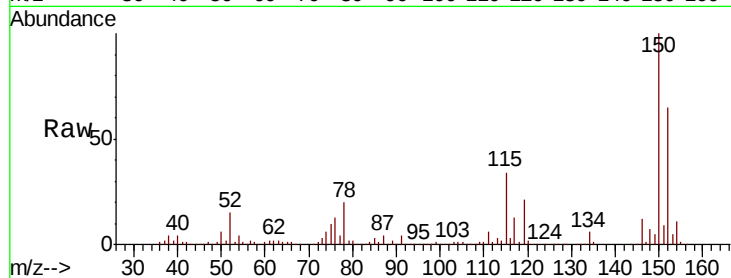


#72

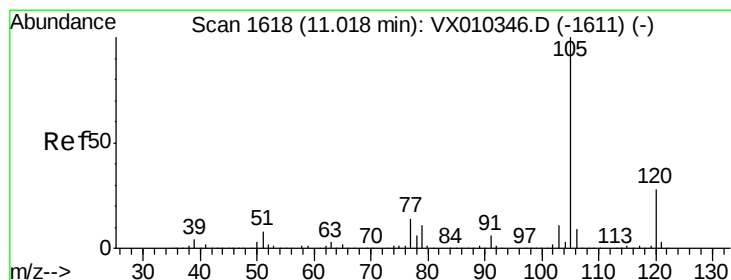
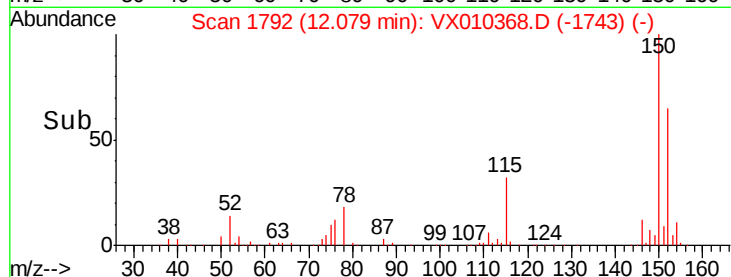
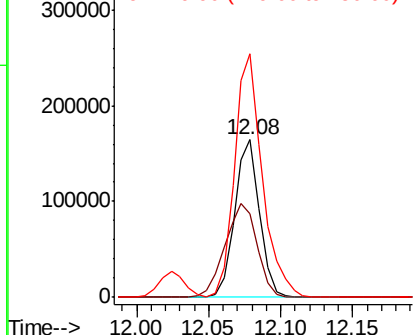
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 196602
Ion Ratio Lower Upper
152 100
115 77.7 38.6 115.7
150 173.5 0.0 347.4



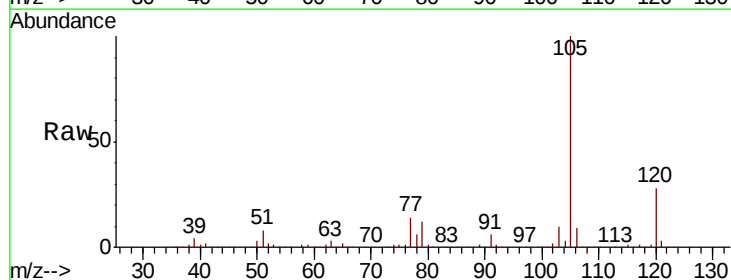
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



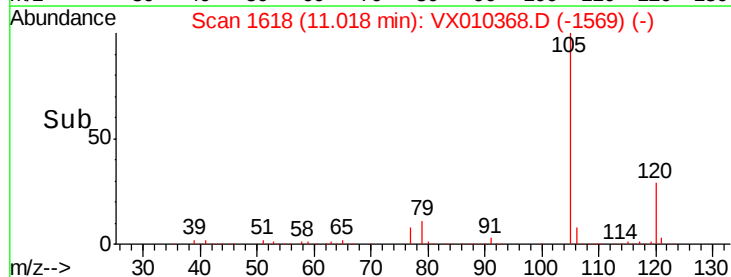
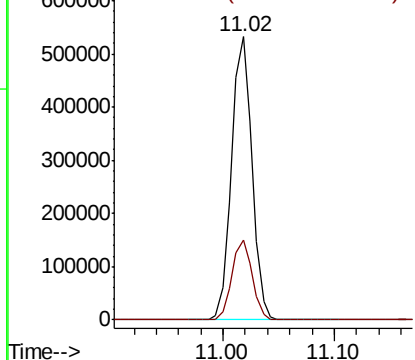
#73

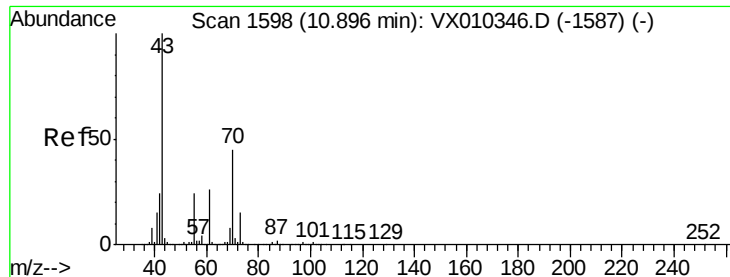
Isopropylbenzene
Concen: 50.661 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:105 Resp: 675164
Ion Ratio Lower Upper
105 100
120 28.0 14.1 42.4



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

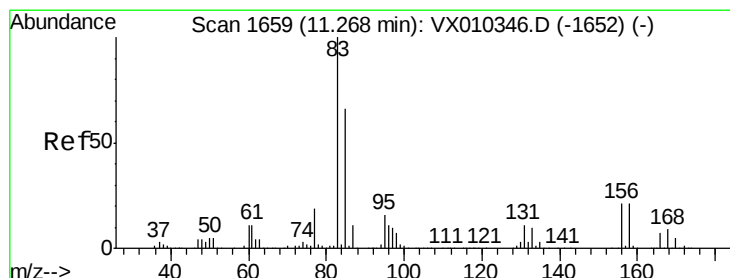
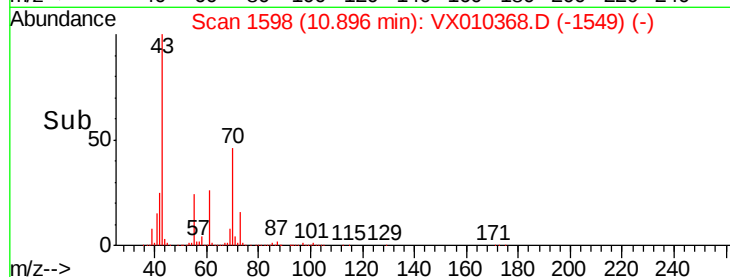
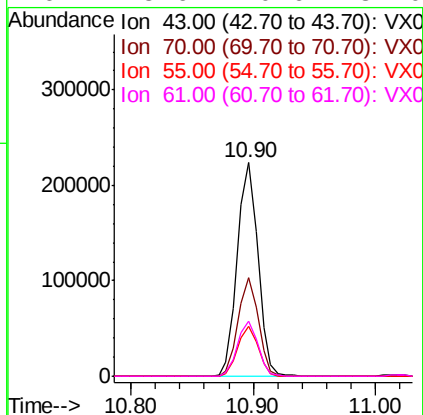
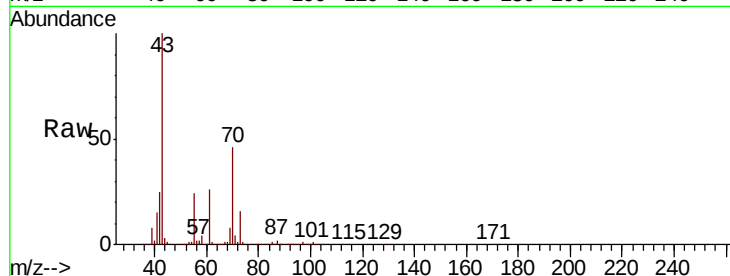




#74
N-amvl acetate
Concen: 51.758 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

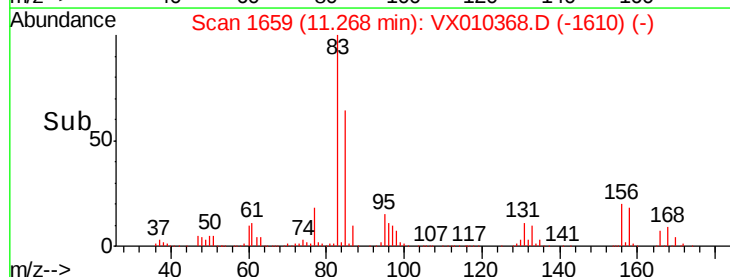
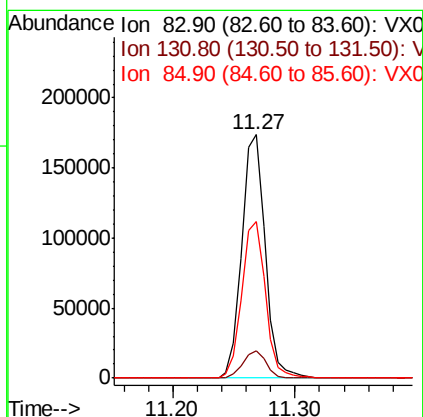
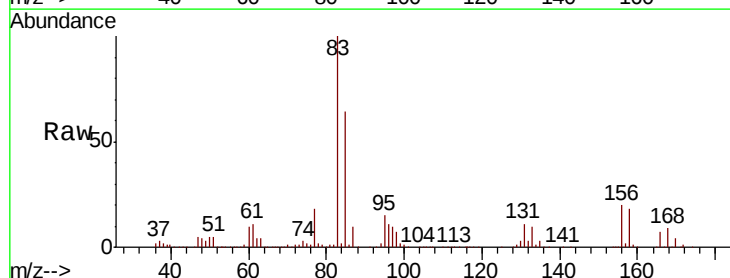
Instrument :
MSVOA_X
ClientSampleId :

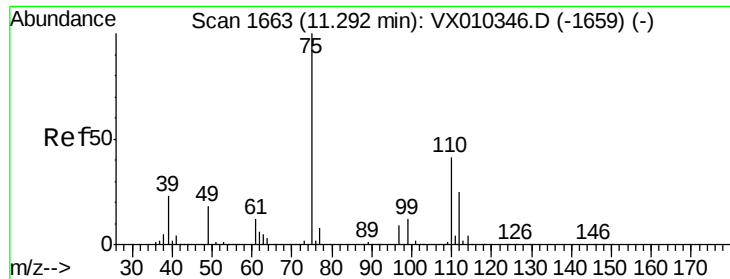
Tot Ion:	43	Resp:	260687
Ion	Ratio	Lower	Upper
43	100		
70	45.3	36.6	54.8
55	23.5	18.7	28.1
61	25.6	20.6	31.0



#75
1,1,2,2-Tetrachloroethane
Concen: 51.998 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:	83	Resp:	229499
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.1	32.3	96.8

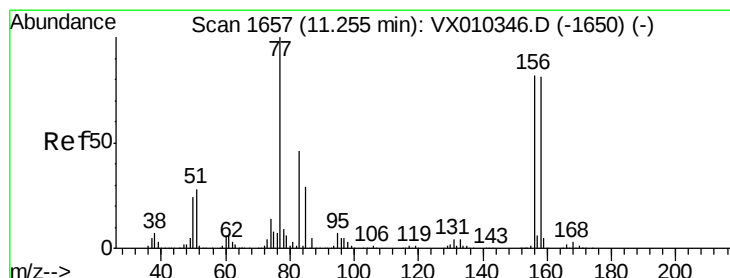
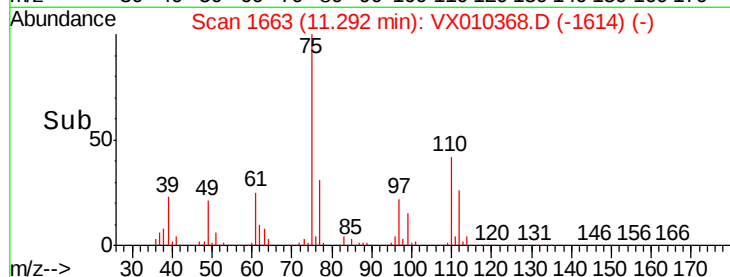
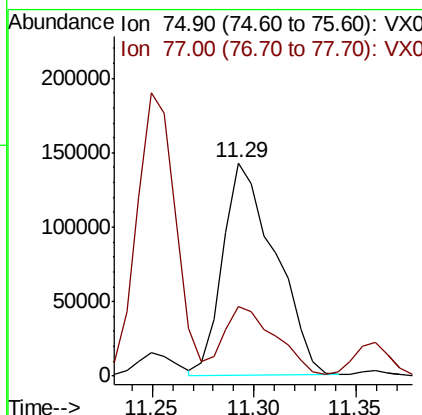
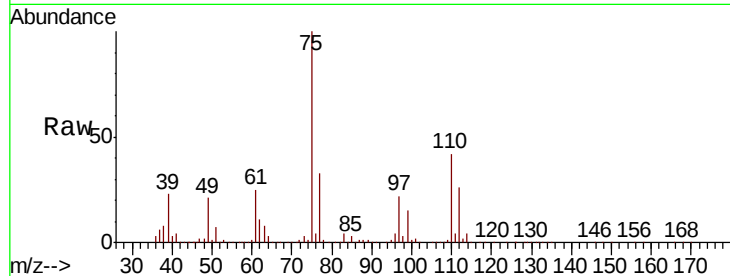




#76
1,2,3-Trichloropropane
Concen: 70.728 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

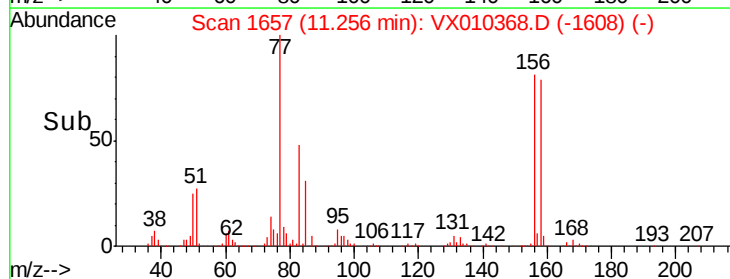
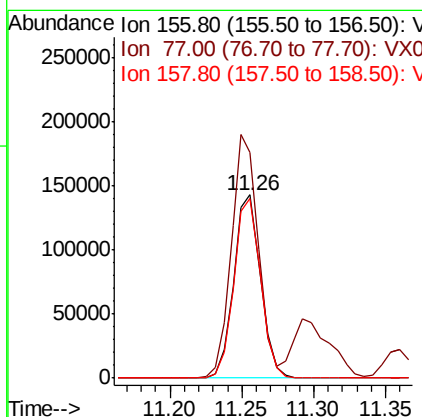
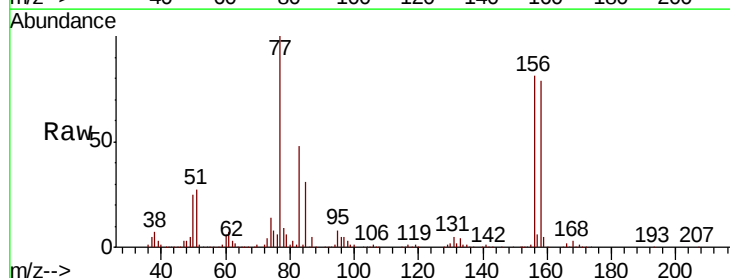
Instrument :
MSVOA_X
ClientSampleId :

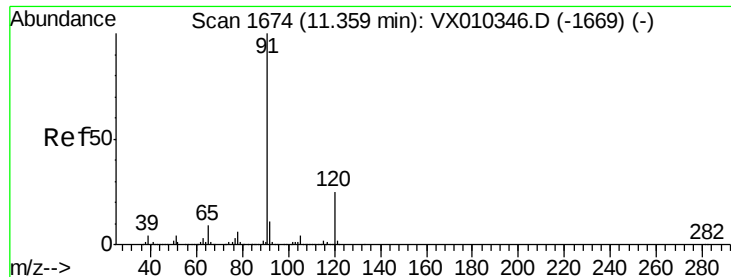
Tot Ion: 75 Resp: 253392
Ion Ratio Lower Upper
75 100
77 32.9 22.6 67.8



#77
Bromobenzene
Concen: 50.047 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 156 Resp: 186242
Ion Ratio Lower Upper
156 100
77 133.6 66.3 198.7
158 97.9 48.9 146.7





#78

n-propylbenzene

Concen: 51.200 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

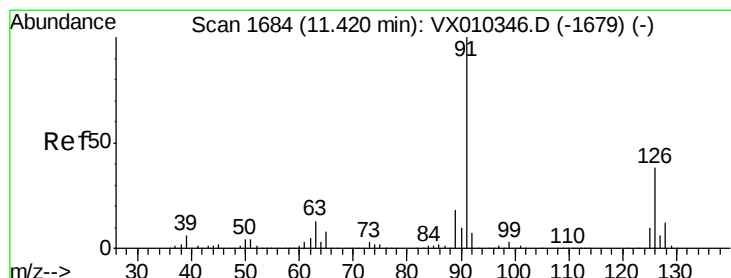
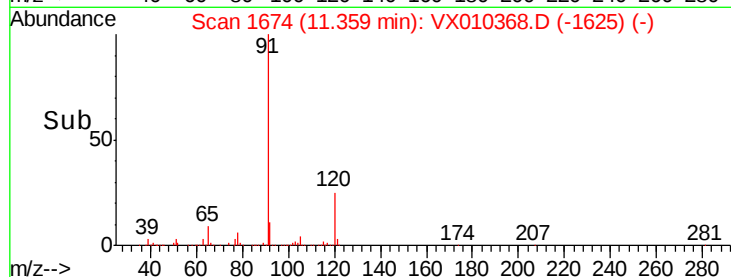
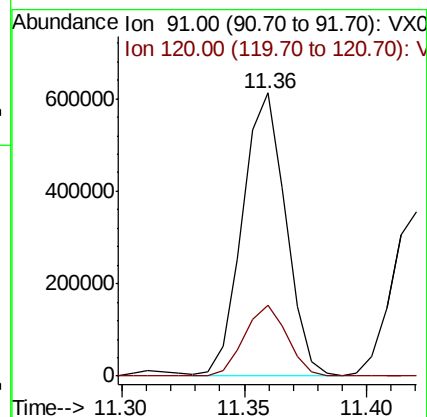
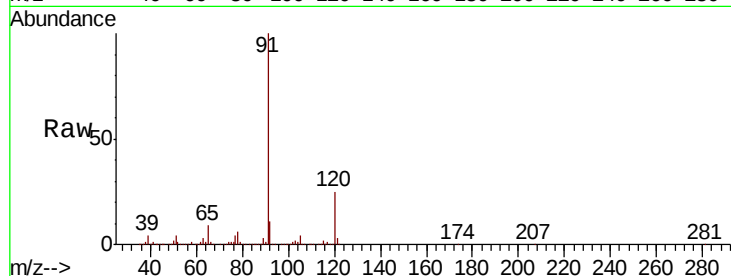
ClientSampleId :

Tot Ion: 91 Resp: 749932

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4



#79

2-Chlorotoluene

Concen: 50.443 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010368.D

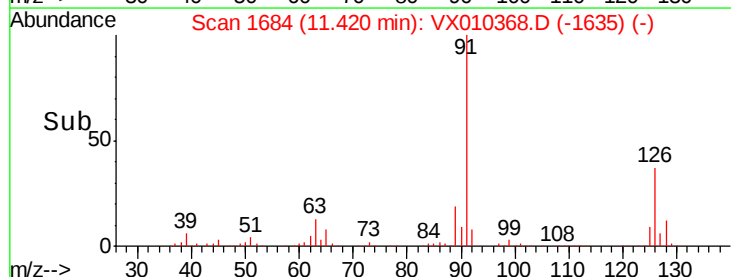
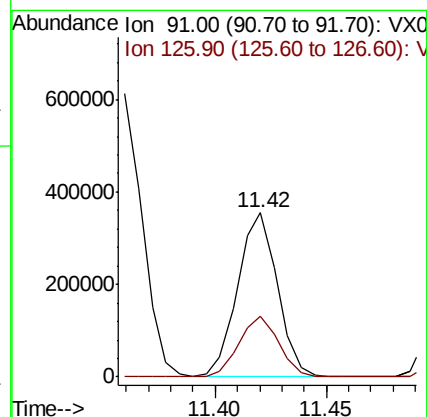
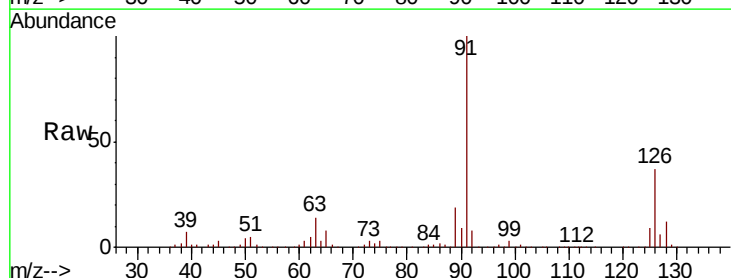
Acq: 20 Jun 2019 19:32

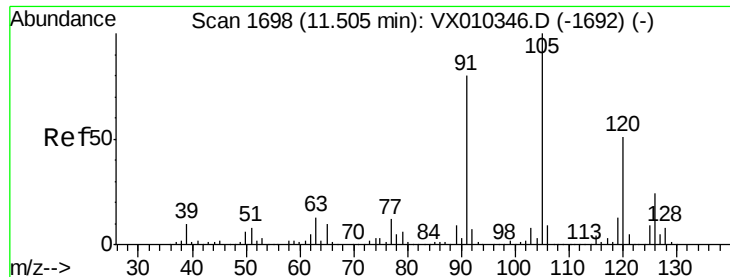
Tgt Ion: 91 Resp: 439965

Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

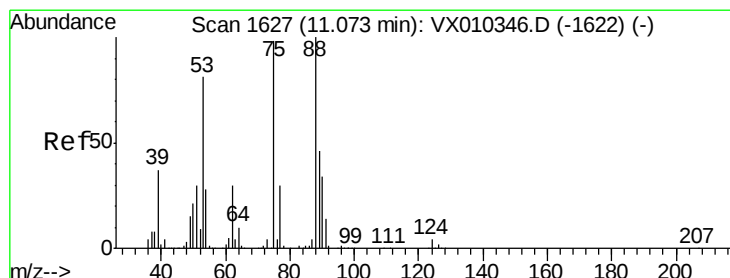
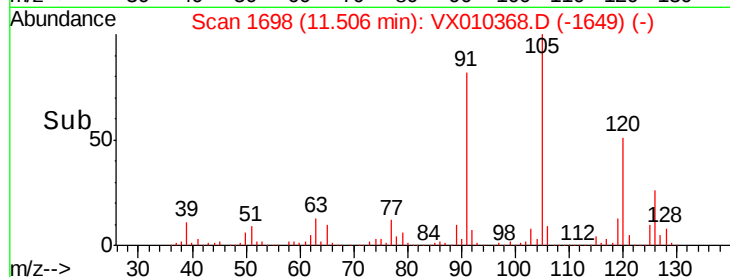
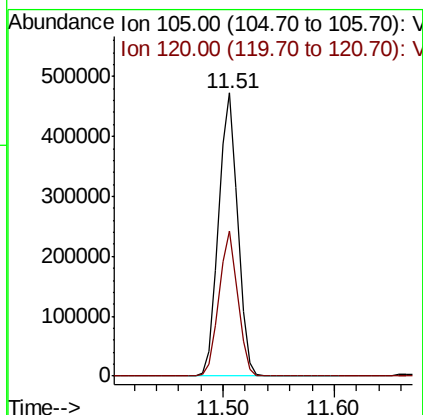
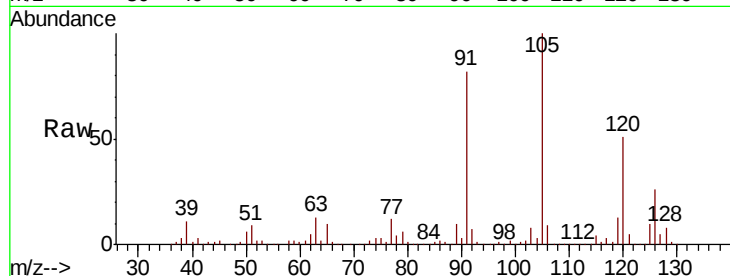




#80
 1,3,5-Trimethylbenzene
 Concen: 51.125 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

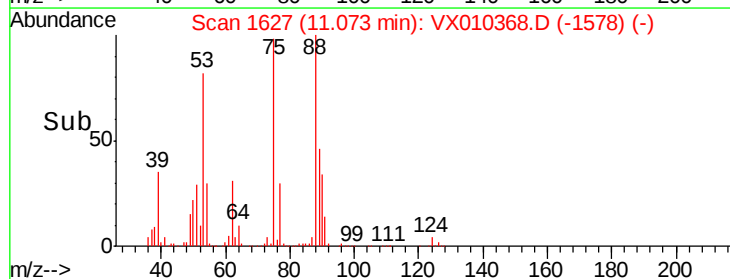
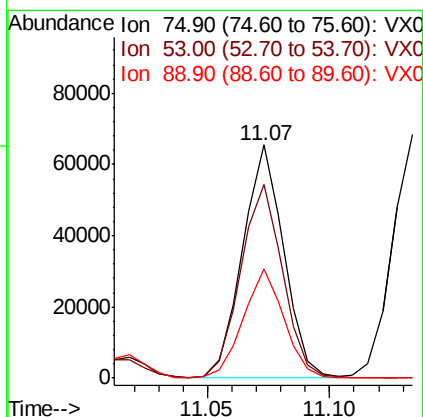
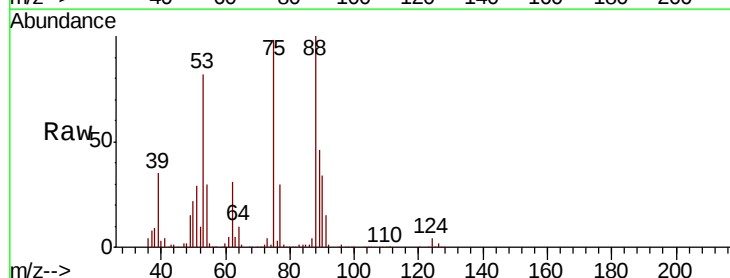
Instrument :
 MSVOA_X
 ClientSampleId :

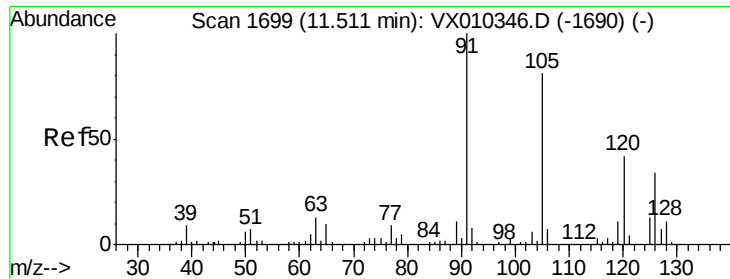
Tot Ion:105 Resp: 561688
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.539 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 75 Resp: 76076
 Ion Ratio Lower Upper
 75 100
 53 85.3 66.1 99.1
 89 47.1 37.8 56.6

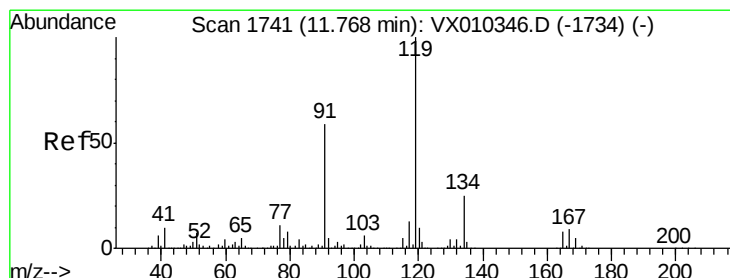
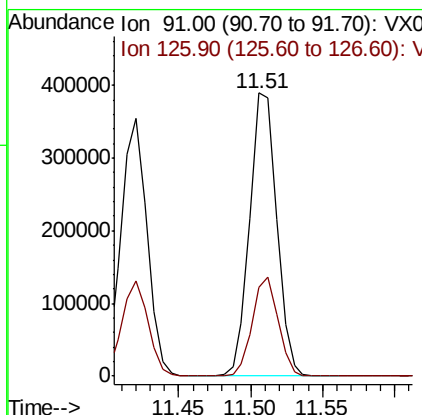
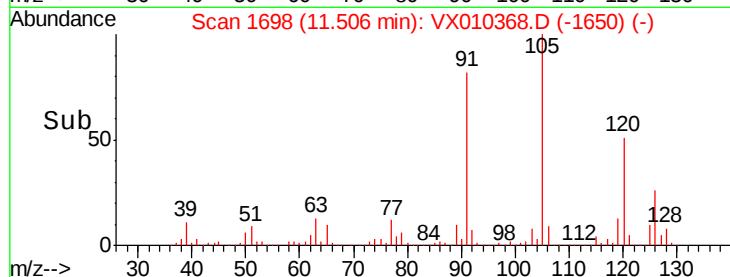
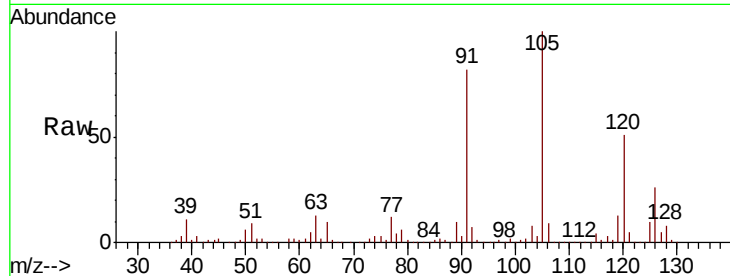




#82
4-Chlorotoluene
Concen: 50.924 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

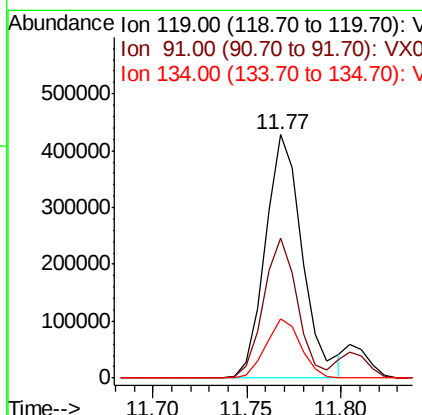
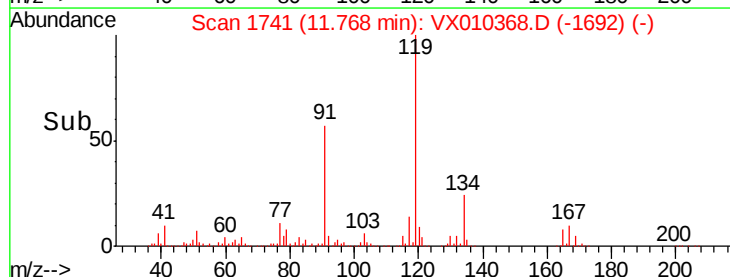
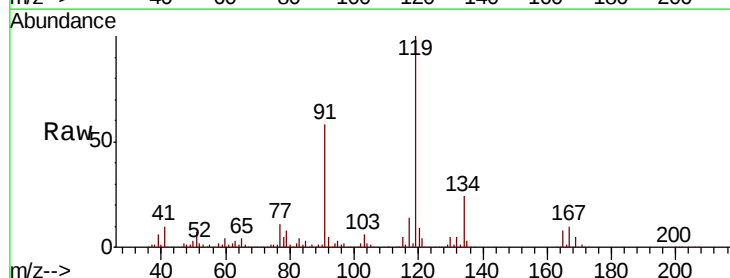
Instrument :
MSVOA_X
ClientSampleId :

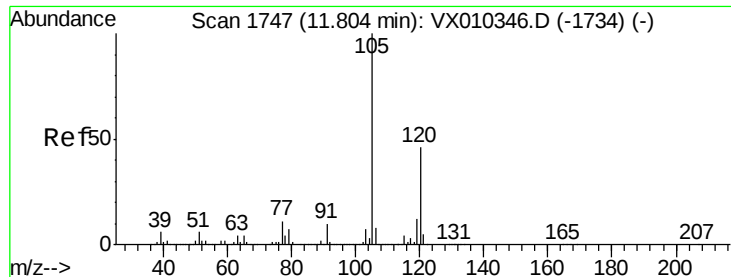
Tot Ion: 91 Resp: 505403
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#83
tert-Butylbenzene
Concen: 52.891 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion: 119 Resp: 583241
Ion Ratio Lower Upper
119 100
91 52.8 27.6 82.7
134 22.9 11.8 35.4

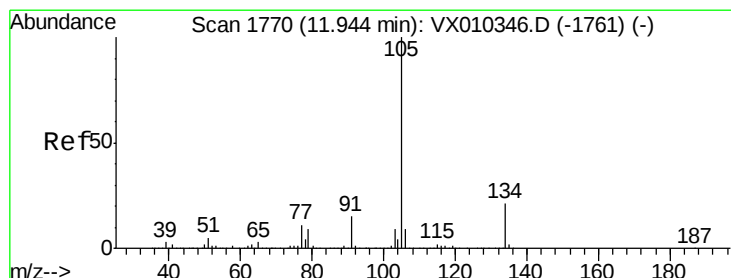
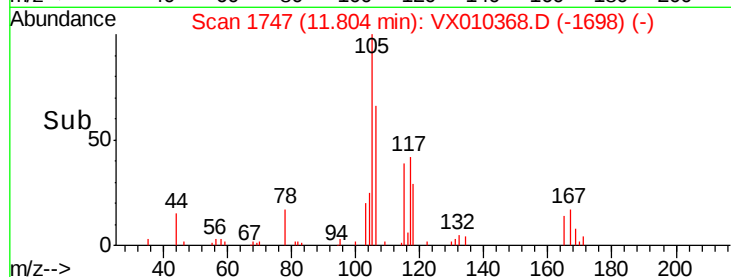
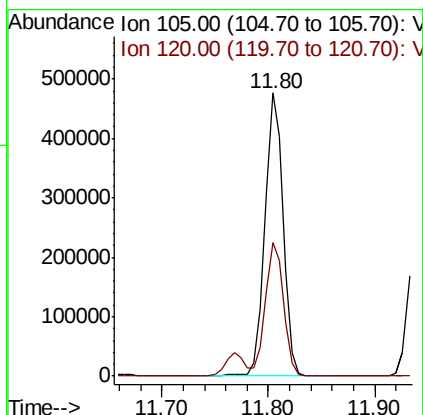
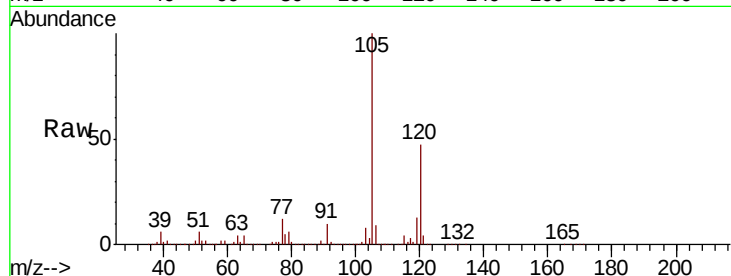




#84
 1,2,4-Trimethylbenzene
 Concen: 51.826 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

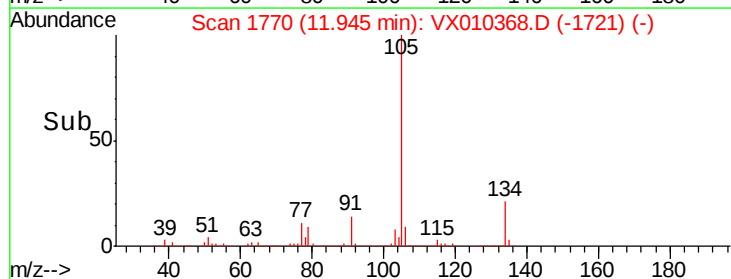
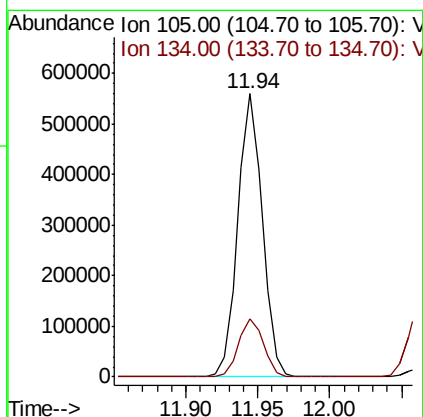
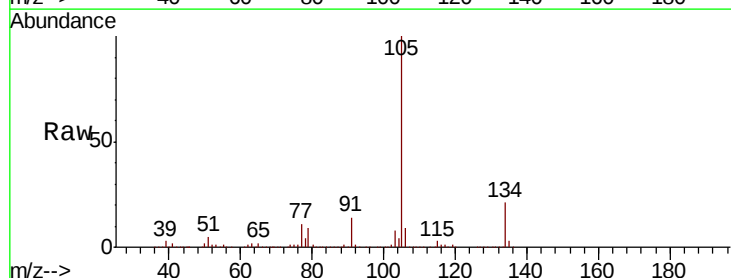
Instrument :
 MSVOA_X
 ClientSampled :

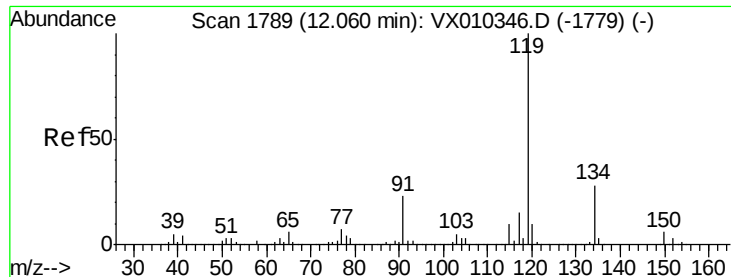
Tot Ion:105 Resp: 572063
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 51.289 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion:105 Resp: 664053
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9

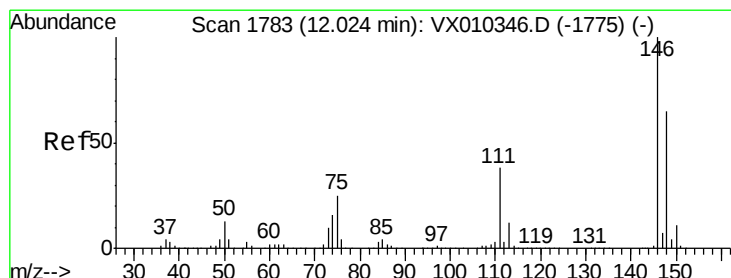
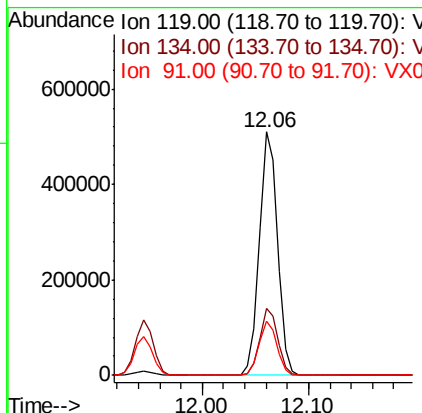
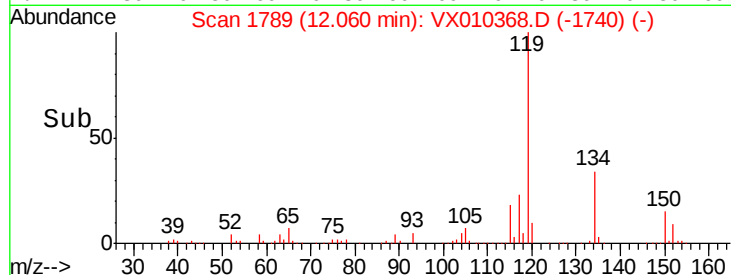
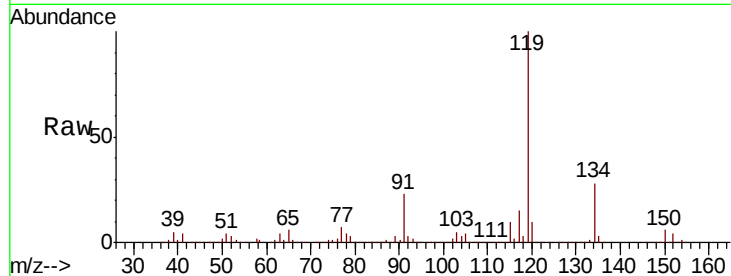




#86
p-Isopropyltoluene
Concen: 51.300 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

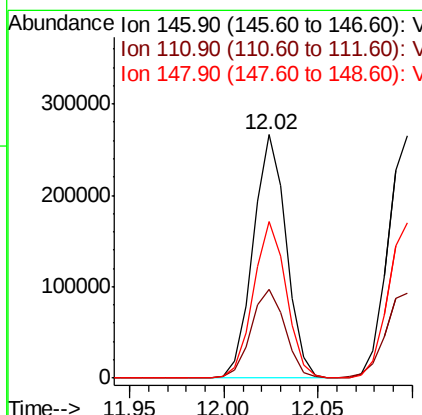
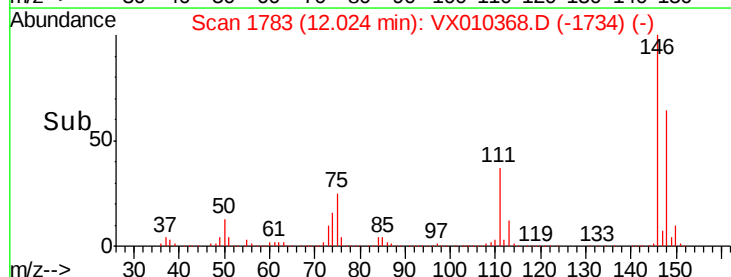
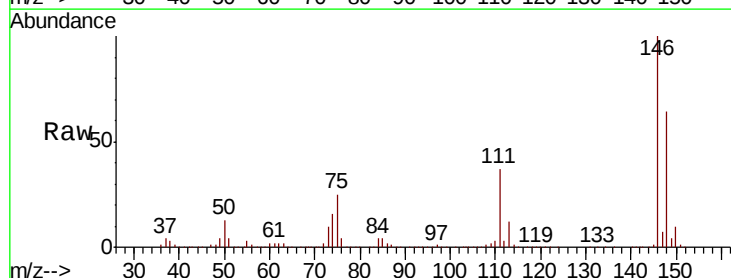
Instrument :
MSVOA_X
ClientSampleId :

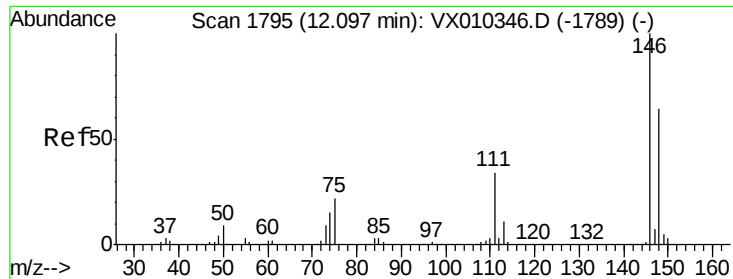
Tot Ion:119 Resp: 614362
Ion Ratio Lower Upper
119 100
134 27.3 13.7 41.1
91 22.0 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 49.871 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:146 Resp: 323953
Ion Ratio Lower Upper
146 100
111 37.5 19.1 57.1
148 63.8 32.5 97.4

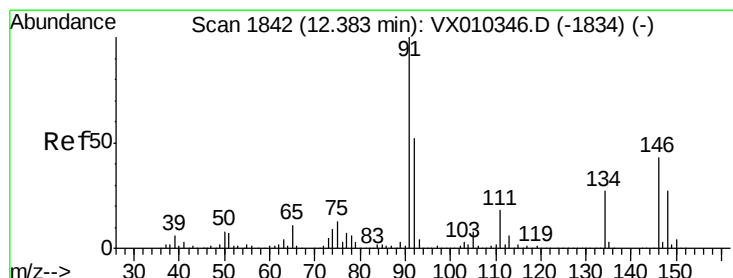
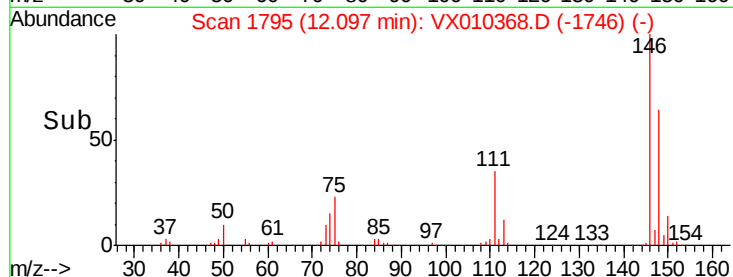
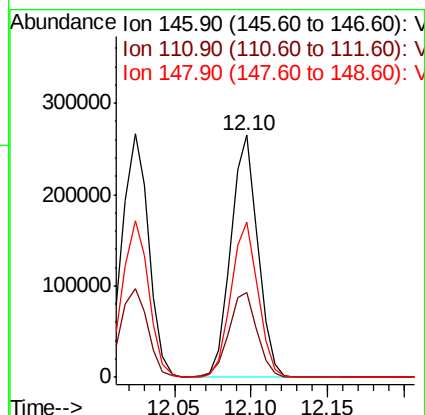
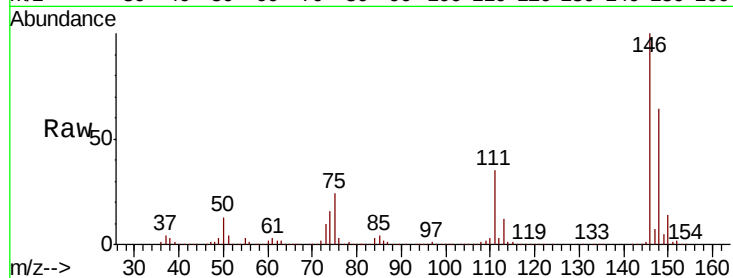




#88
 1,4-Dichlorobenzene
 Concen: 48.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

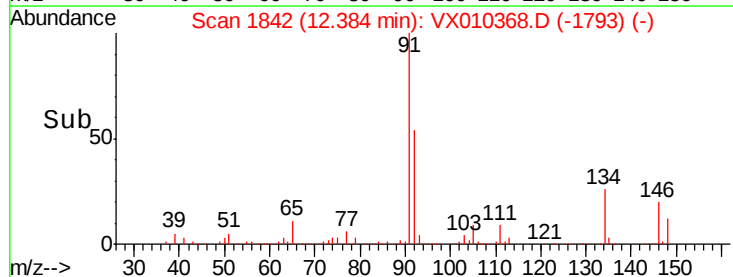
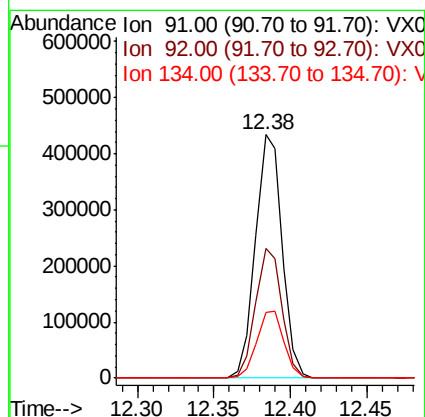
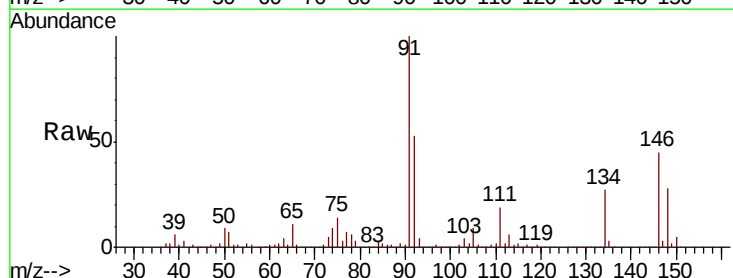
Instrument :
 MSVOA_X
 ClientSampleId :

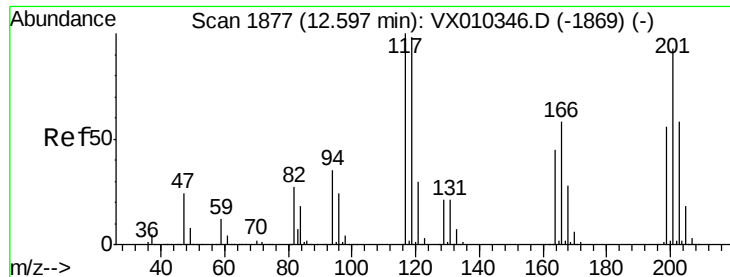
Tot Ion:146 Resp: 322565
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.3
 148 64.3 32.1 96.3



#89
 n-Butylbenzene
 Concen: 51.921 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Tgt Ion: 91 Resp: 528374
 Ion Ratio Lower Upper
 91 100
 92 52.8 26.2 78.5
 134 27.9 14.1 42.4

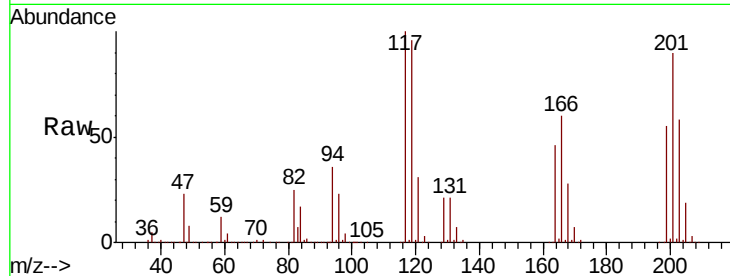




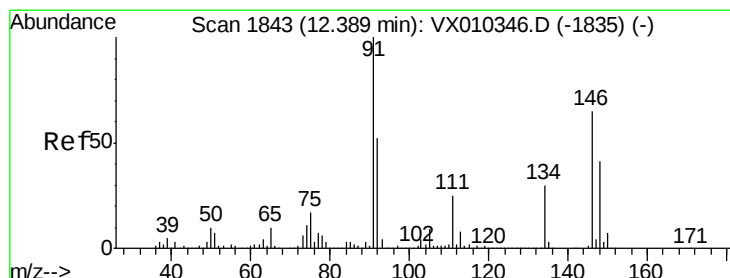
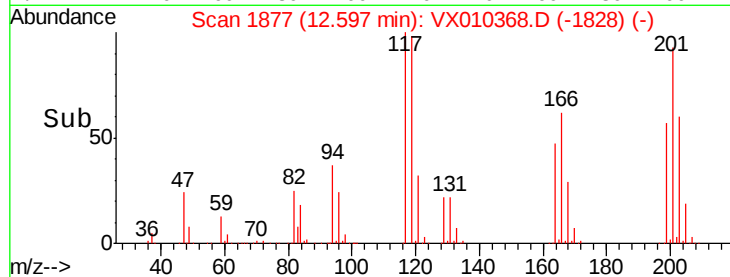
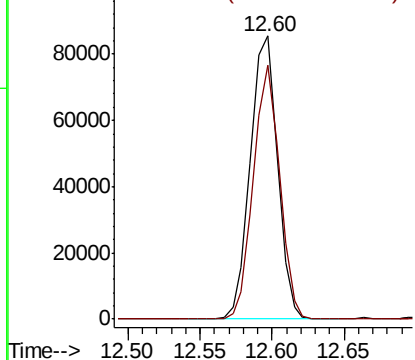
#90
Hexachloroethane
Concen: 53.797 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 111402
Ion Ratio Lower Upper
117 100
201 86.3 44.0 131.8

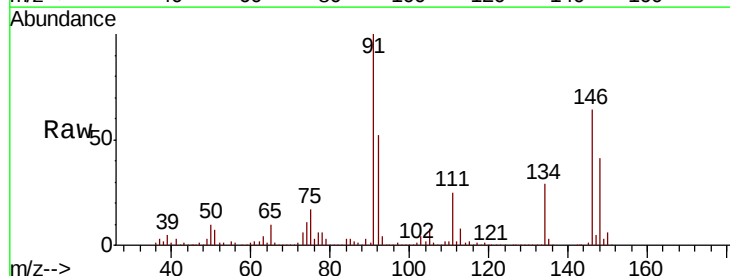


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

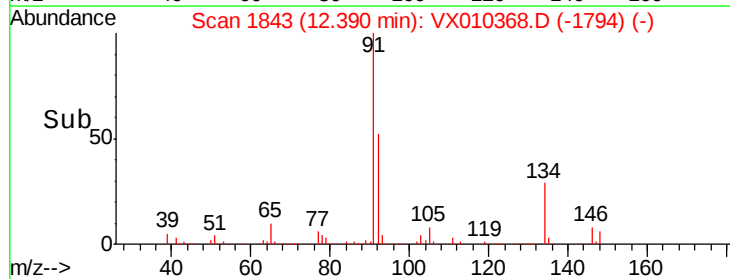
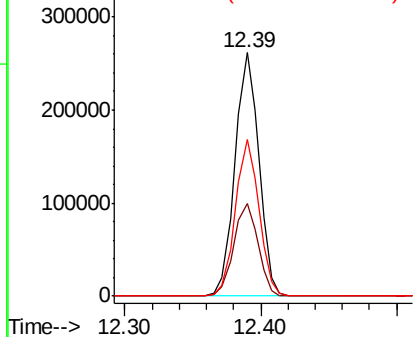


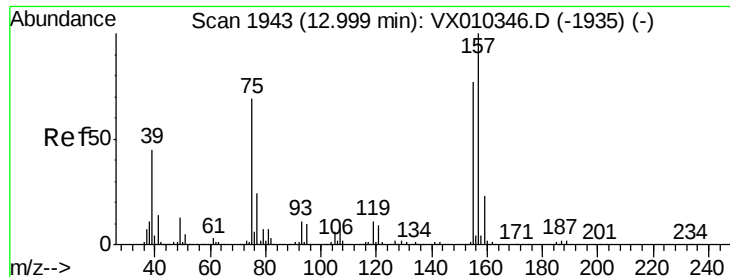
#91
1,2-Dichlorobenzene
Concen: 49.498 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010368.D
Acq: 20 Jun 2019 19:32

Tgt Ion:146 Resp: 319562
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 63.5 32.0 96.0



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.988 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

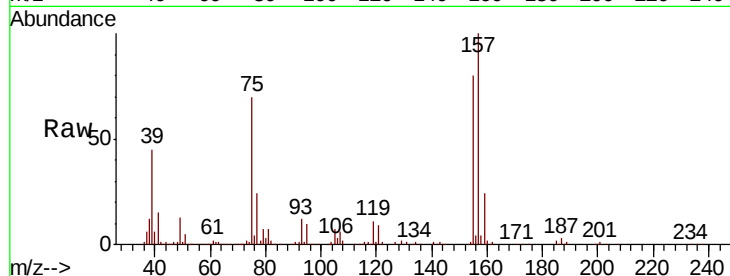
Tot Ion: 75 Resp: 48520

Ion	Ratio	Lower	Upper
75	100		
155	106.7	54.4	163.1
157	137.4	69.5	208.3

75 100

155 106.7 54.4 163.1

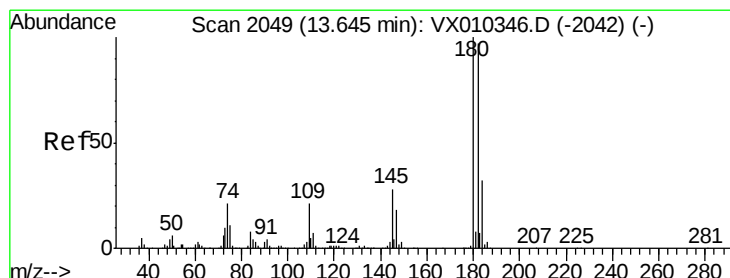
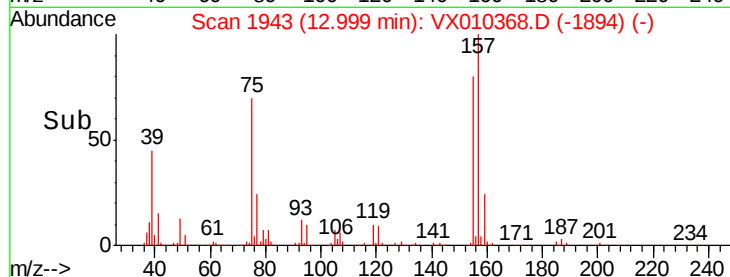
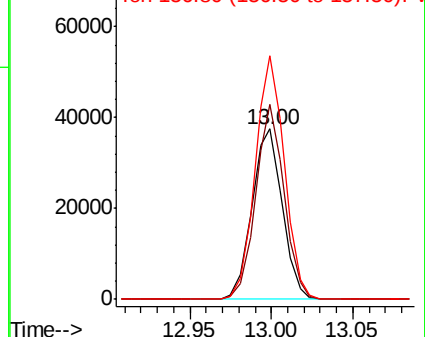
157 137.4 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.338 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

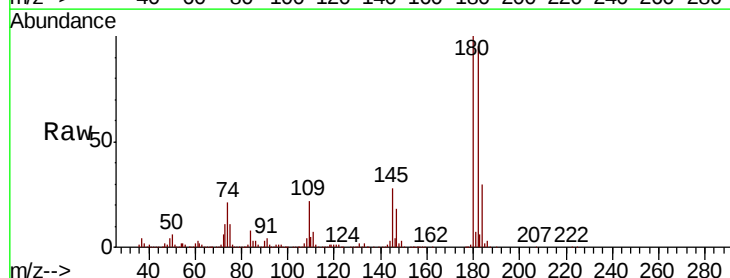
Tgt Ion:180 Resp: 225370

Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.0
145	30.1	14.4	43.4

180 100

182 96.4 48.0 144.0

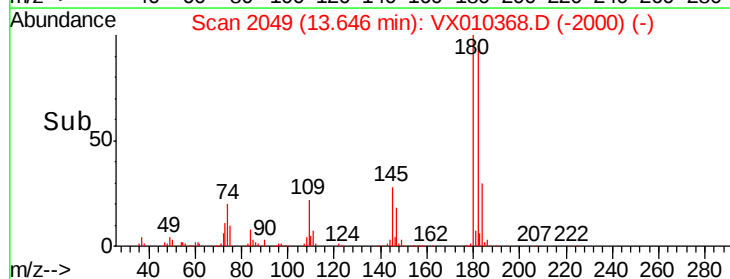
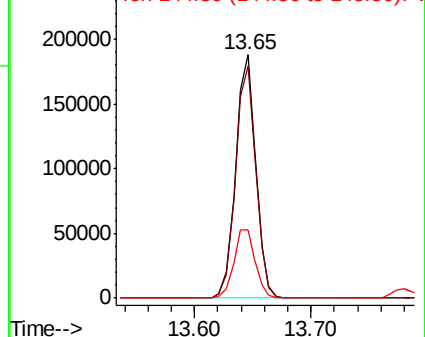
145 30.1 14.4 43.4

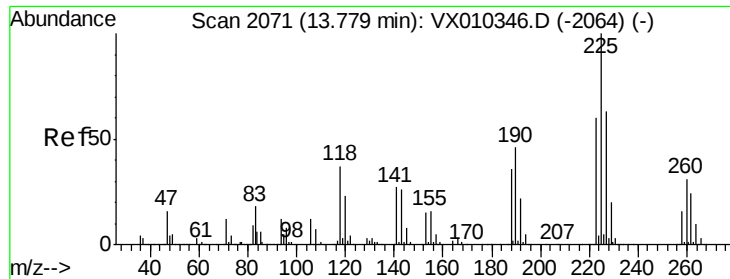


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.874 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

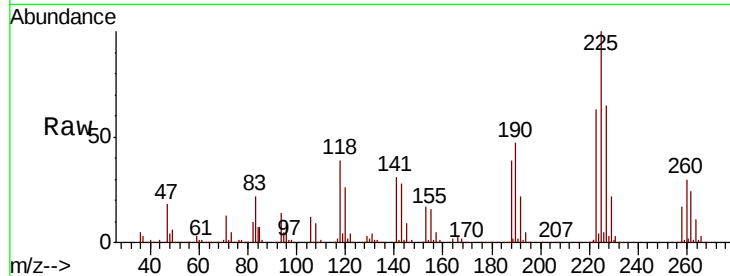
Tot Ion:225 Resp: 104754

Ion Ratio Lower Upper

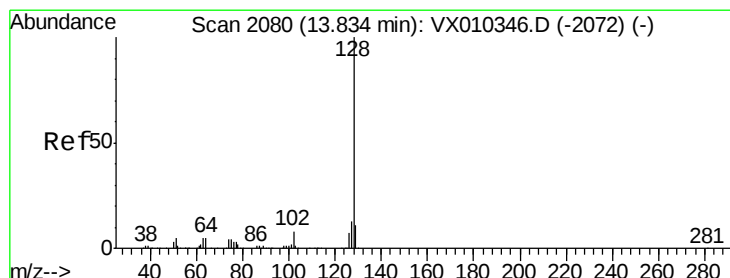
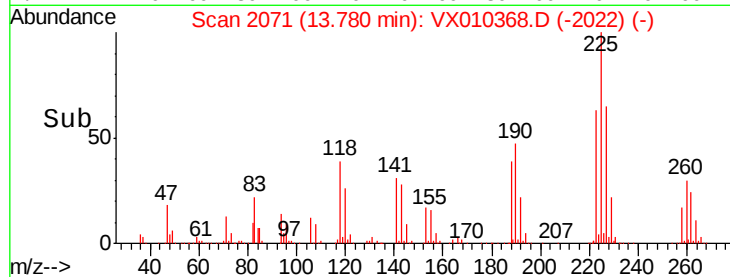
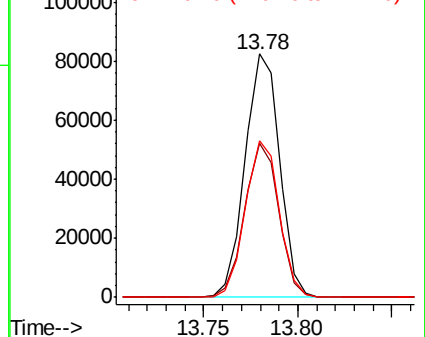
225 100

223 62.6 30.9 92.7

227 63.5 31.9 95.5



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: 54.804 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010368.D

Acq: 20 Jun 2019 19:32

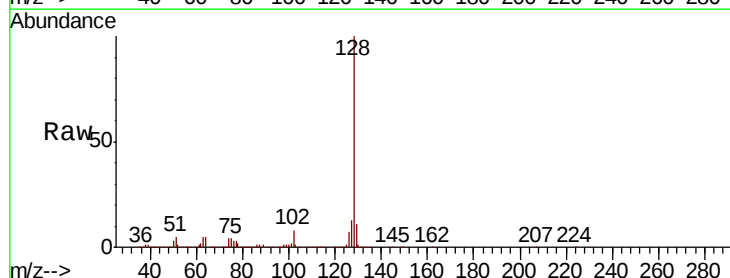
Tgt Ion:128 Resp: 754024

Ion Ratio Lower Upper

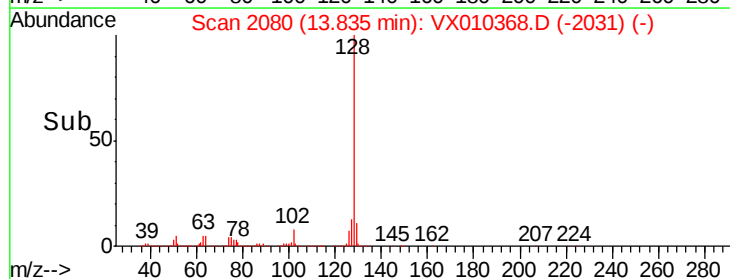
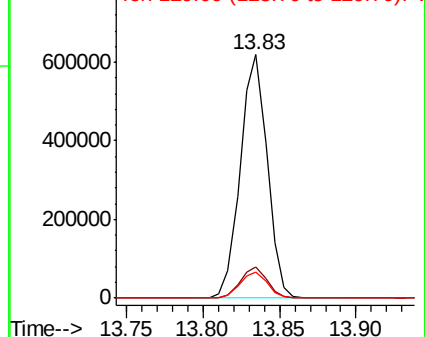
128 100

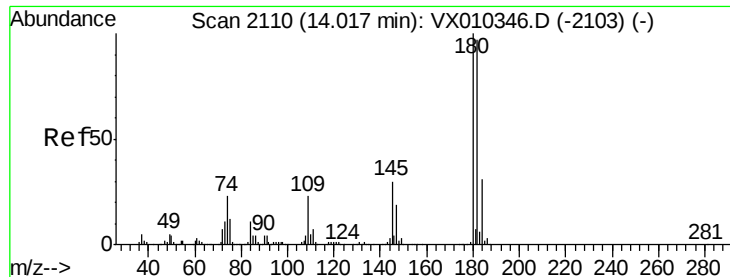
127 12.8 10.2 15.4

129 10.9 8.9 13.3



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: 51.081 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010368.D
 Acq: 20 Jun 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	31.3	15.2	45.6

