

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010349.D
 Acq On : 19 Jun 2019 15:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

Quant Time: Jun 20 03:38:52 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	5.65	168	325905	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	477920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232840	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142697	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	
35) Dibromofluoromethane	5.49	113	142551	48.75	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	537705	48.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.13	95	201589	49.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	122132	53.903	ug/l	98
3) Chloromethane	1.32	50	134650	51.035	ug/l	100
4) Vinyl Chloride	1.41	62	144303	49.935	ug/l	99
5) Bromomethane	1.64	94	73591	52.272	ug/l	99
6) Chloroethane	1.71	64	87735	51.460	ug/l	96
7) Trichlorofluoromethane	1.93	101	238268	52.012	ug/l	100
8) Diethyl Ether	2.18	74	85650	52.136	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138012	49.714	ug/l	97
10) Methyl Iodide	2.51	142	194242	49.027	ug/l	99
11) Tert butyl alcohol	3.04	59	189850	237.439	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132947	47.063	ug/l	94
13) Acrolein	2.29	56	117050	220.676	ug/l	99
14) Allyl chloride	2.73	41	213017	53.115	ug/l	99
15) Acrylonitrile	3.14	53	395618	249.907	ug/l	99
16) Acetone	2.44	43	388371	253.603	ug/l	98
17) Carbon Disulfide	2.57	76	399915	52.768	ug/l	99
18) Methyl Acetate	2.77	43	151004	49.474	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	457040	51.429	ug/l	99
20) Methylene Chloride	2.85	84	161473	51.236	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	157076	51.701	ug/l	99
22) Diisopropyl ether	3.85	45	429130	51.178	ug/l	98
23) Vinyl Acetate	3.81	43	1929000	266.297	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251231	51.834	ug/l	99
25) 2-Butanone	4.67	43	562499	250.401	ug/l	99
26) 2,2-Dichloropropane	4.58	77	227495	54.031	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	180321	51.361	ug/l	99
28) Bromochloromethane	5.01	49	105843	45.674	ug/l	99
29) Tetrahydrofuran	5.12	42	338468	243.252	ug/l	99
30) Chloroform	5.20	83	266917	51.183	ug/l	98
31) Cyclohexane	5.57	56	238219	53.972	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	241632	52.474	ug/l	100
36) 1,1-Dichloropropene	5.79	75	203079	53.473	ug/l	99
37) Ethyl Acetate	4.82	43	205977	52.720	ug/l	99
38) Carbon Tetrachloride	5.78	117	220822	53.695	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277981	55.684	ug/l	99
40) Benzene	6.13	78	625186	52.839	ug/l	99
41) Methacrylonitrile	5.04	41	109062	50.875	ug/l	99
42) 1,2-Dichloroethane	6.18	62	194585	54.026	ug/l	99
43) Isopropyl Acetate	6.44	43	341022	52.756	ug/l	99
44) Trichloroethene	7.21	130	188809	53.329	ug/l	99
45) 1,2-Dichloropropane	7.51	63	154822	51.816	ug/l	98
46) Dibromomethane	7.65	93	111732	52.120	ug/l	99
47) Bromodichloromethane	7.89	83	211626	53.867	ug/l	99
48) Methyl methacrylate	7.76	41	162814	54.188	ug/l	99
49) 1,4-Dioxane	7.73	88	89563	1034.749	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1074315	259.860	ug/l	100
52) Toluene	8.78	92	409973	52.616	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	242965	55.161	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	264969	55.357	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	169312	52.688	ug/l	99
56) Ethyl methacrylate	9.18	69	259998	53.409	ug/l	99
57) 1,3-Dichloropropane	9.37	76	262153	52.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	685750	296.610	ug/l	100
59) 2-Hexanone	9.49	43	855885	263.044	ug/l	100
60) Dibromochloromethane	9.58	129	194886	54.164	ug/l	99
61) 1,2-Dibromoethane	9.67	107	182781	52.696	ug/l	100
64) Tetrachloroethene	9.33	164	178710	50.767	ug/l	97
65) Chlorobenzene	10.13	112	467124	52.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	175273	54.458	ug/l	99
67) Ethyl Benzene	10.25	91	802588	53.804	ug/l	99
68) m/p-Xylenes	10.35	106	630136	109.021	ug/l	100
69) o-Xylene	10.69	106	305352	53.721	ug/l	100
70) Styrene	10.71	104	531003	55.705	ug/l	99
71) Bromoform	10.85	173	158029	56.461	ug/l	# 99
73) Isopropylbenzene	11.02	105	816070	51.703	ug/l	99
74) N-amyl acetate	10.90	43	319342	53.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	262049	50.132	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	305948	72.107	ug/l	79
77) Bromobenzene	11.25	156	225563	51.180	ug/l	99
78) n-propylbenzene	11.36	91	931238	53.683	ug/l	100
79) 2-Chlorotoluene	11.42	91	536602	51.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	691516	53.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96309	52.953	ug/l	100
82) 4-Chlorotoluene	11.51	91	628289	53.453	ug/l	99
83) tert-Butylbenzene	11.77	119	692328	53.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	700760	53.605	ug/l	99
85) sec-Butylbenzene	11.94	105	825984	53.867	ug/l	100
86) p-Isopropyltoluene	12.06	119	772413	54.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	407791	53.007	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	407186	51.990	ug/l	100
89) n-Butylbenzene	12.38	91	687999	57.084	ug/l	99
90) Hexachloroethane	12.59	117	137660	56.131	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	392963	51.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55463	49.213	ug/l	99

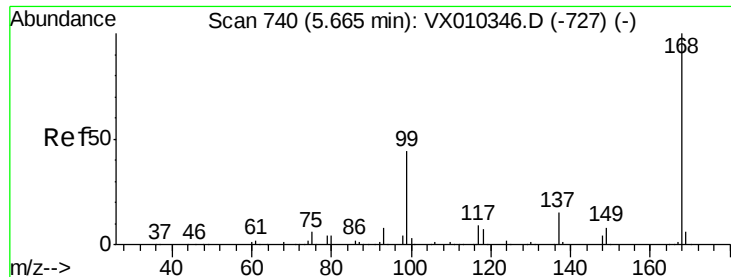
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291793	55.030	ug/l	98
94) Hexachlorobutadiene	13.78	225	140326	54.149	ug/l	100
95) Naphthalene	13.83	128	858164	52.666	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281907	53.473	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

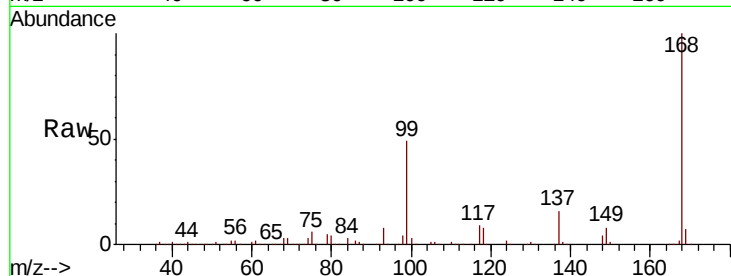
ICVVX061919

Tot Ion:168 Resp: 325905

Ion Ratio Lower Upper

168 100

99 48.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

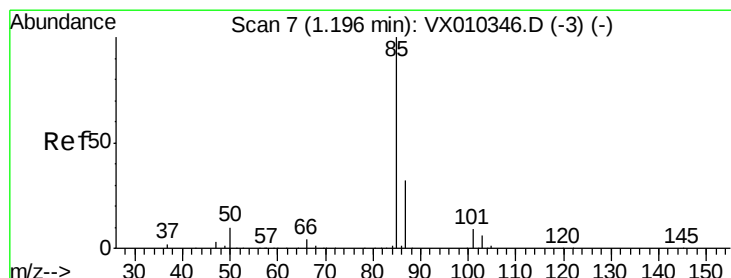
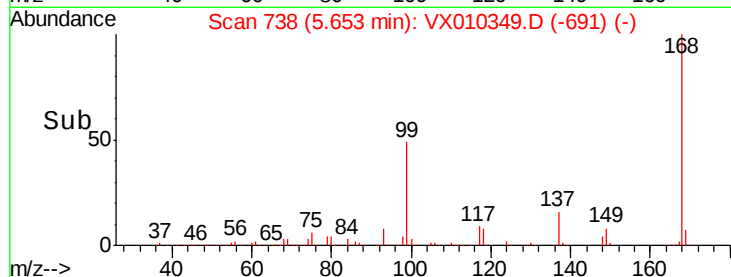
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.903 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010349.D

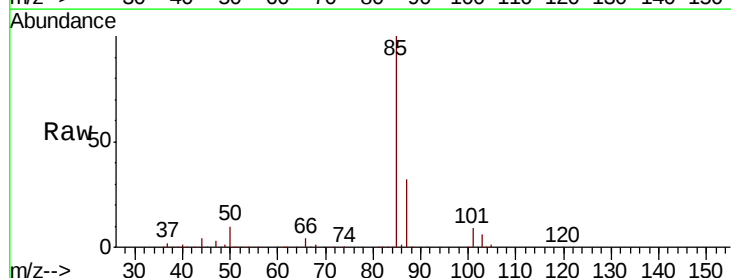
Acq: 19 Jun 2019 15:39

Tgt Ion: 85 Resp: 122132

Ion Ratio Lower Upper

85 100

87 31.6 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

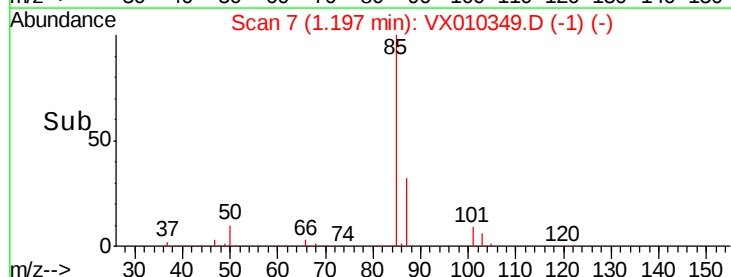
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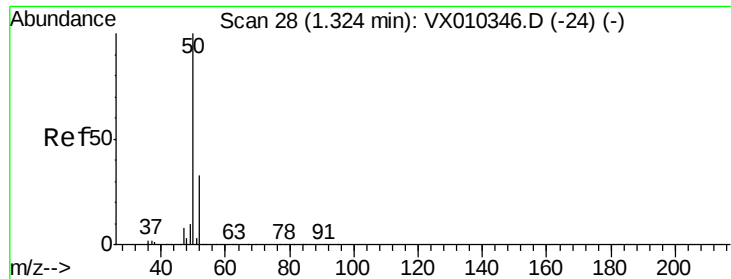
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50000

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Time-->





#3

Chloromethane

Concen: 51.035 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

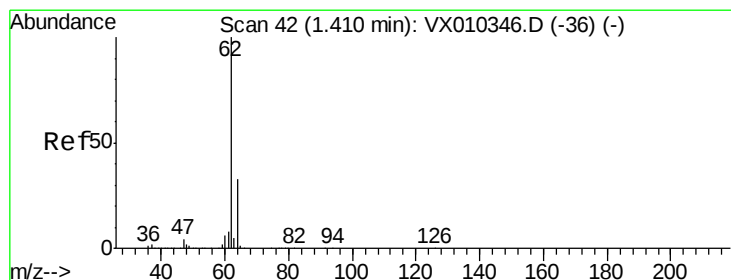
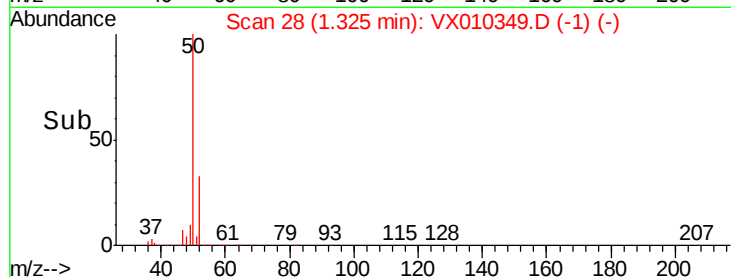
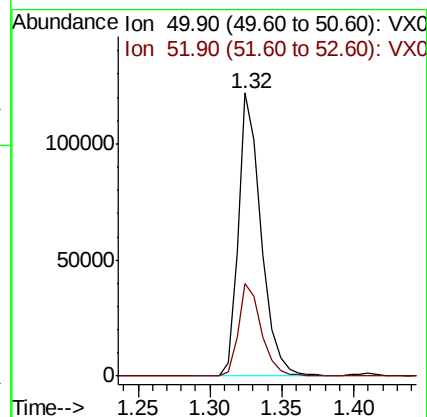
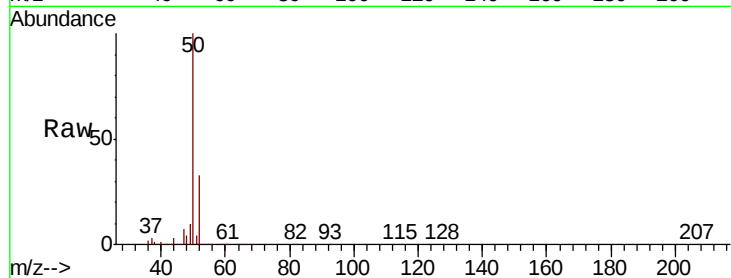
ICVVX061919

Tot Ion: 50 Resp: 134650

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 49.935 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010349.D

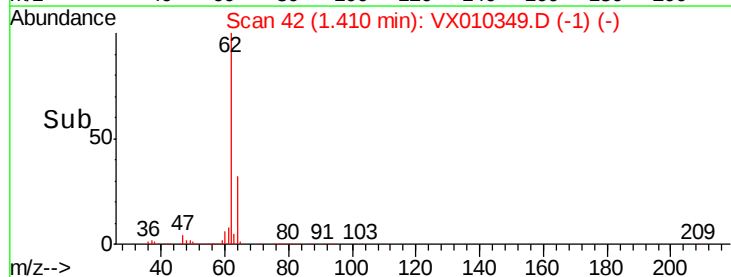
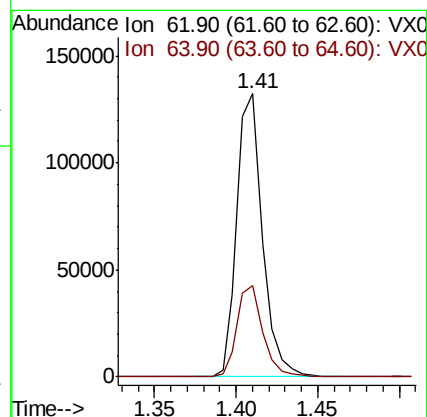
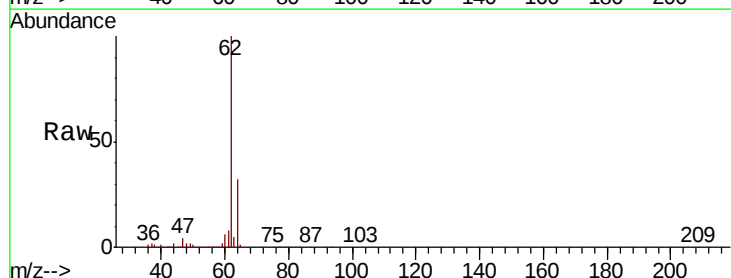
Acq: 19 Jun 2019 15:39

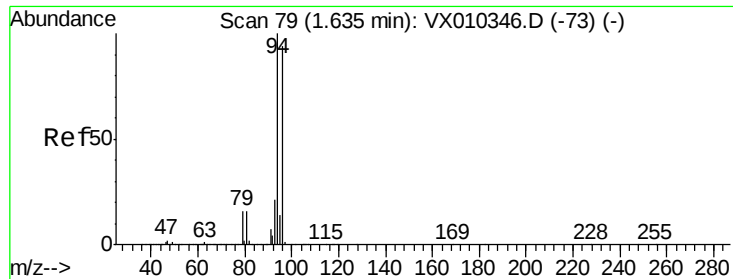
Tgt Ion: 62 Resp: 144303

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 52.272 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

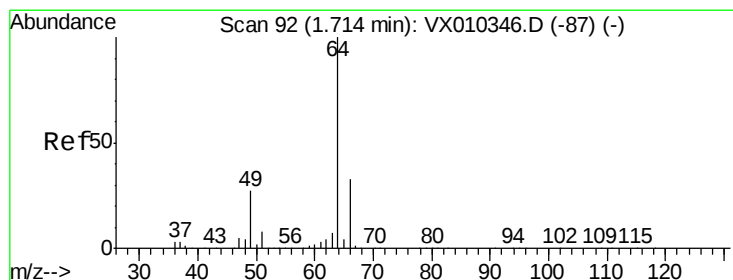
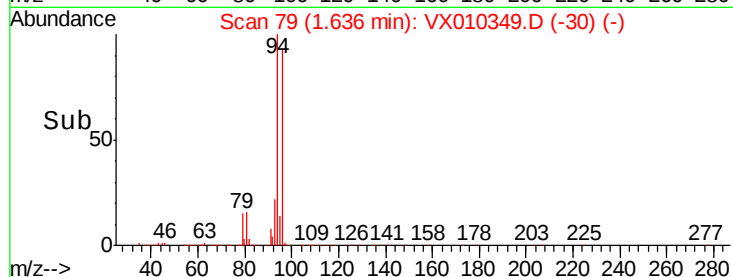
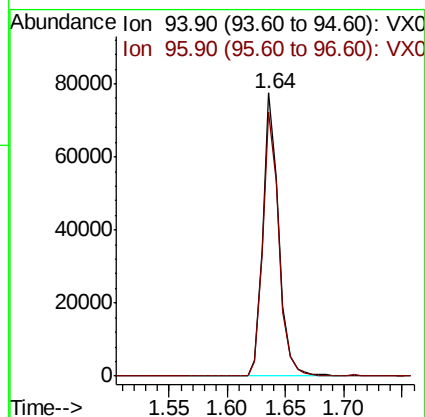
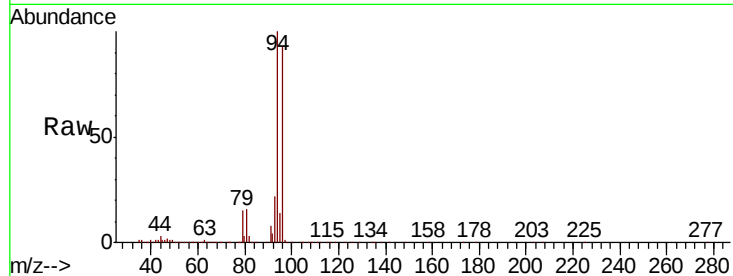
ICVVX061919

Tot Ion: 94 Resp: 73591

Ion Ratio Lower Upper

94 100

96 93.1 75.5 113.3



#6

Chloroethane

Concen: 51.460 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010349.D

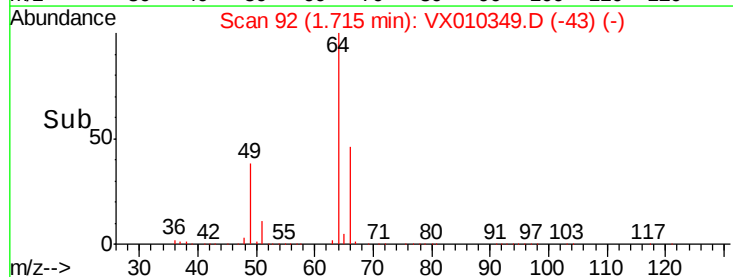
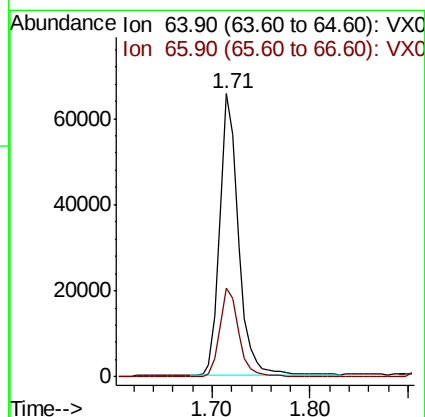
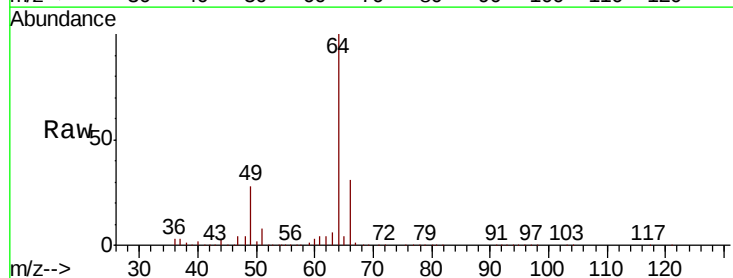
Acq: 19 Jun 2019 15:39

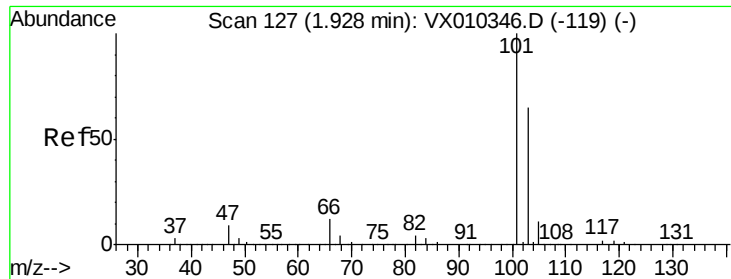
Tgt Ion: 64 Resp: 87735

Ion Ratio Lower Upper

64 100

66 31.2 26.6 40.0



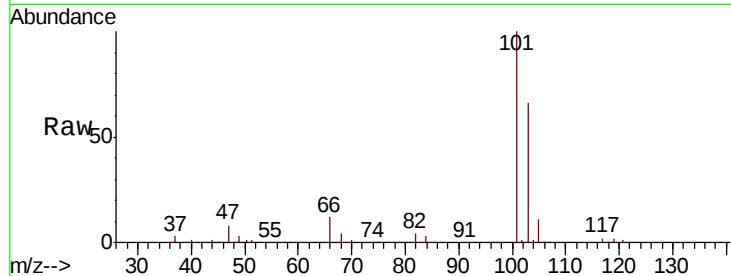


#7

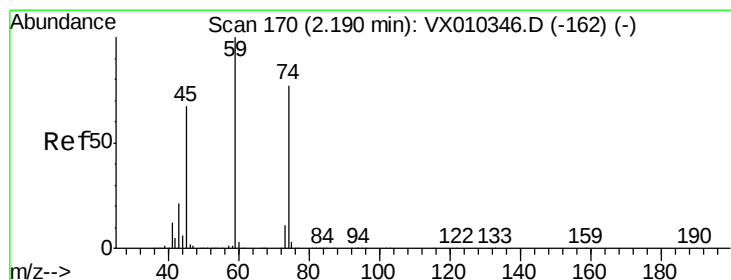
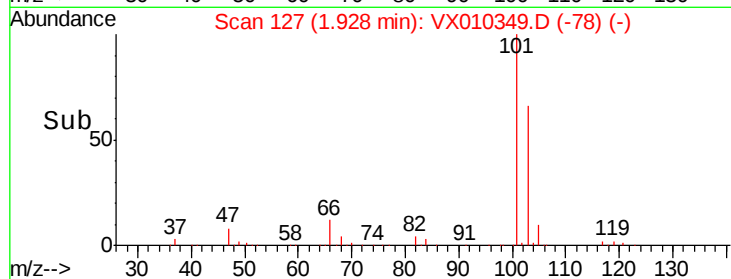
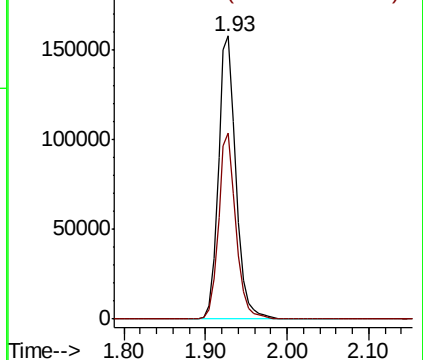
Trichlorofluoromethane
Concen: 52.012 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 238268
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5



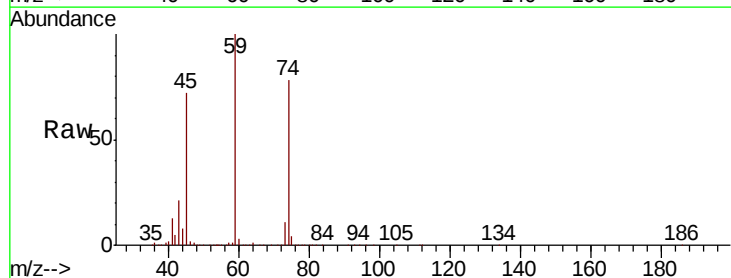
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



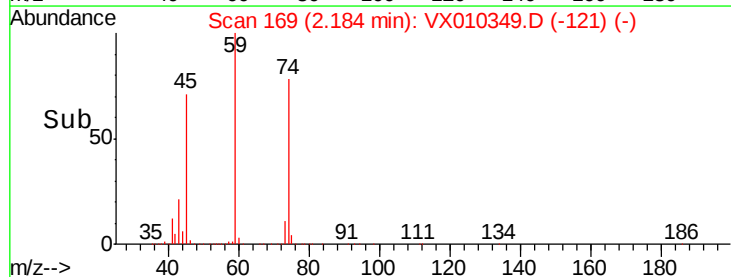
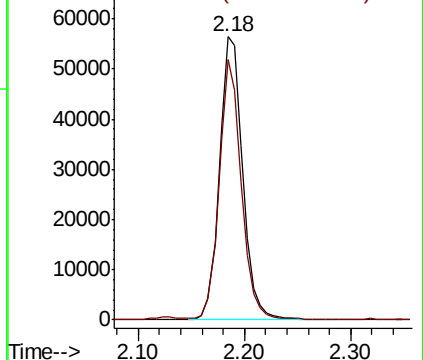
#8

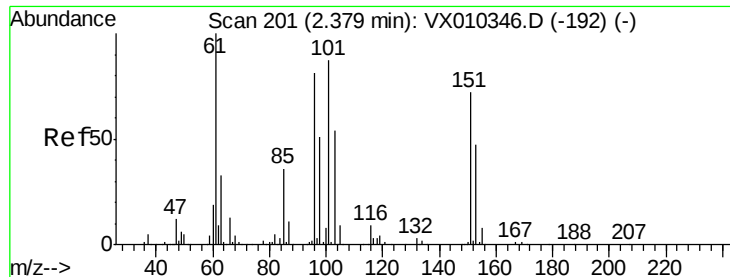
Diethyl Ether
Concen: 52.136 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 74 Resp: 85650
Ion Ratio Lower Upper
74 100
45 86.9 44.8 134.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.714 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

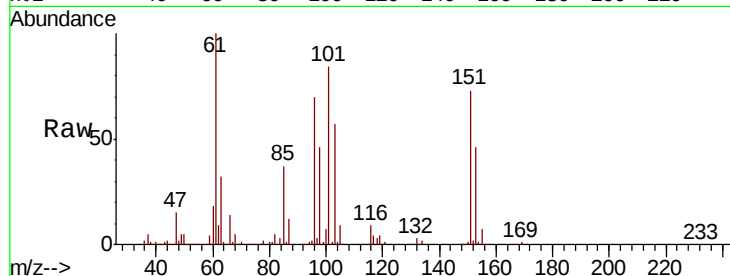
Tot Ion:101 Resp: 138012

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

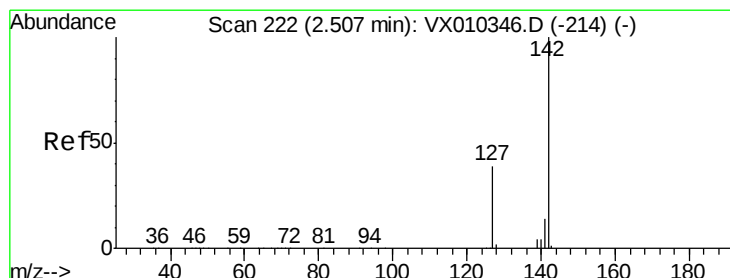
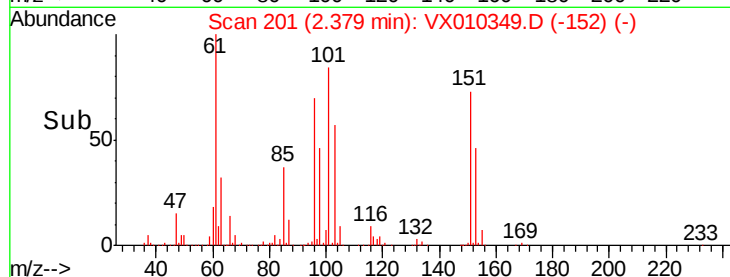
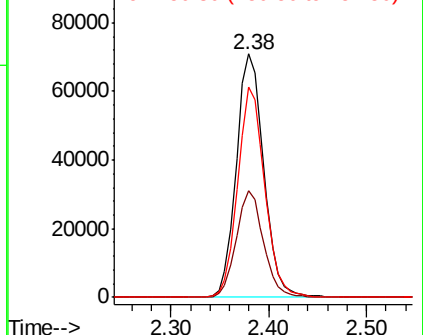
151 84.9 70.1 105.1



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: 49.027 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

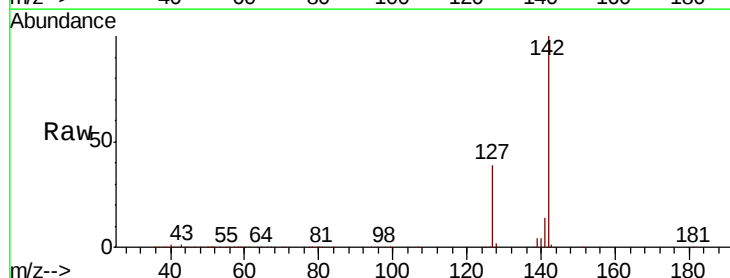
Tgt Ion:142 Resp: 194242

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

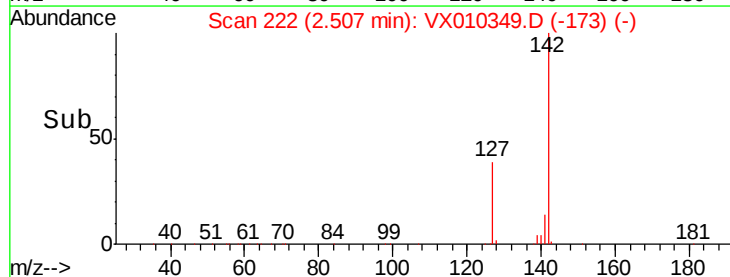
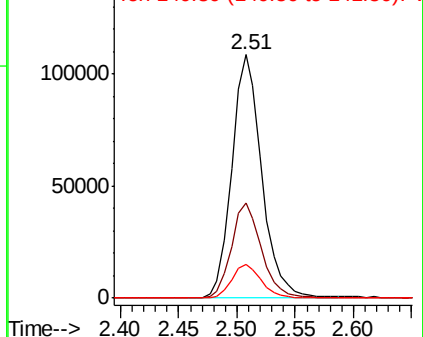
141 14.1 11.2 16.8



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

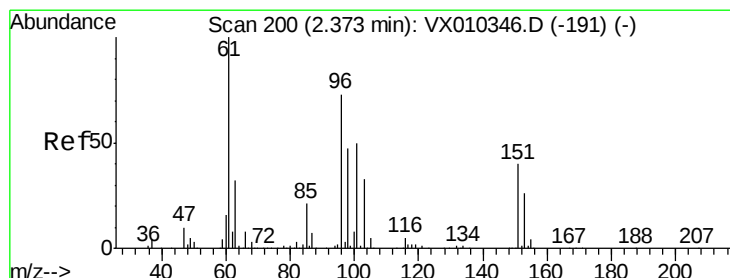
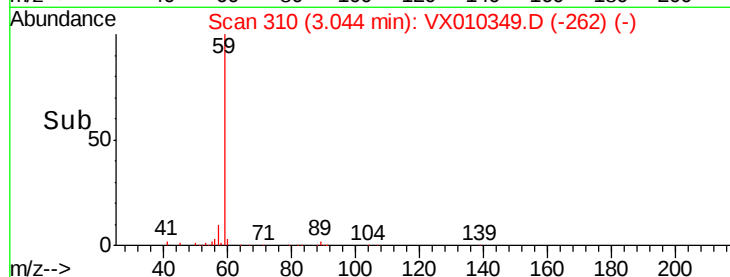
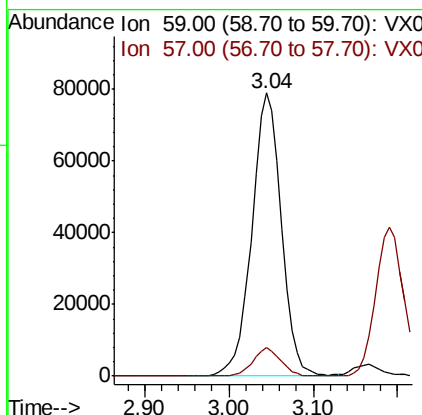
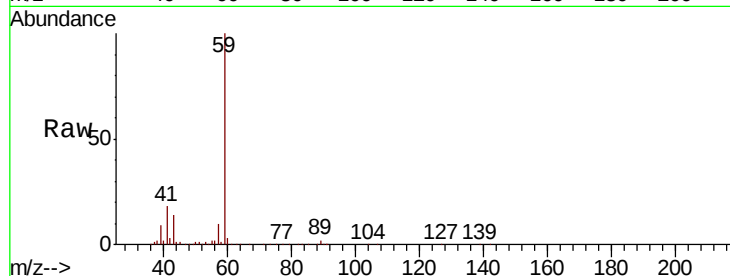




#11
Tert butyl alcohol
Concen: 237.439 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

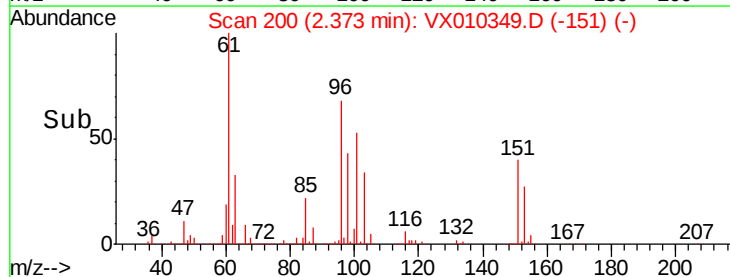
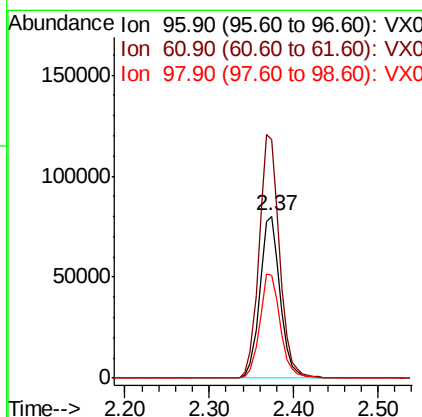
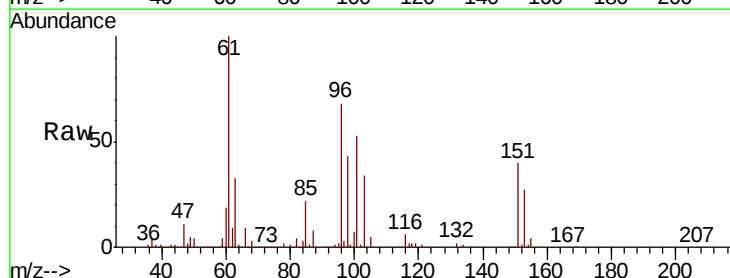
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion: 59 Resp: 189850
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.063 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 96 Resp: 132947
Ion Ratio Lower Upper
96 100
61 147.0 109.2 163.8
98 63.1 51.1 76.7





#13

Acrolein

Concen: 220.676 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

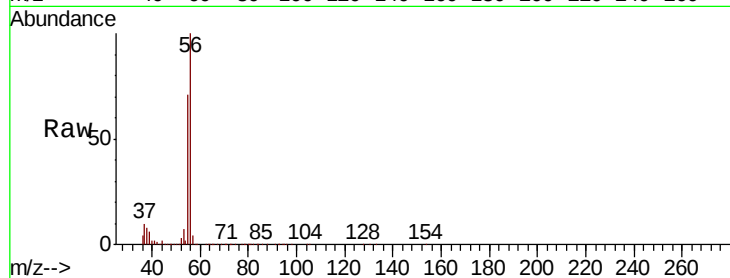
ICVVX061919

Tot Ion: 56 Resp: 117050

Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

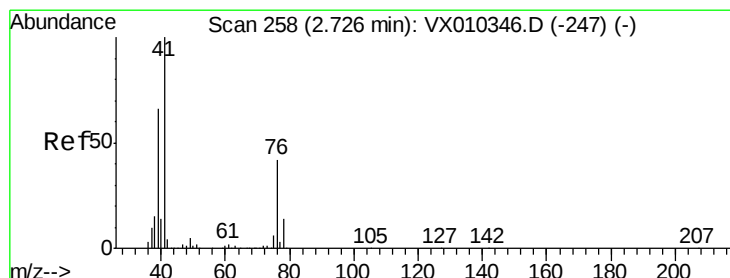
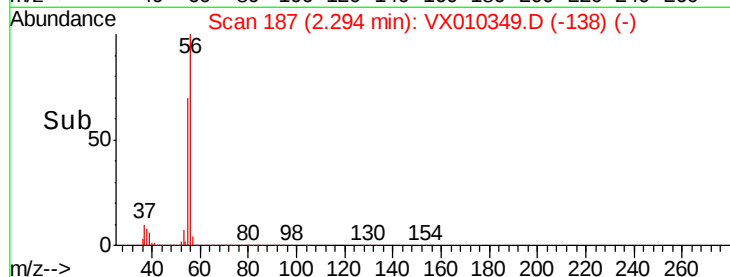
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 53.115 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

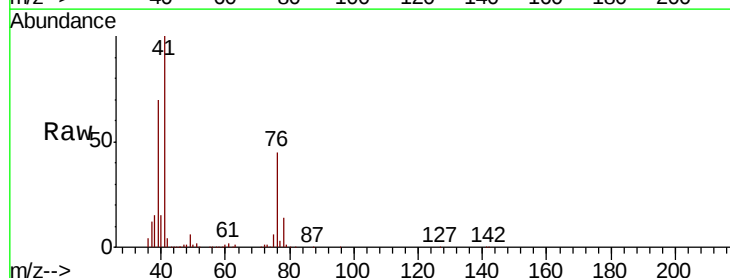
Tgt Ion: 41 Resp: 213017

Ion Ratio Lower Upper

41 100

39 64.1 50.3 75.5

76 39.6 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

250000

200000

150000

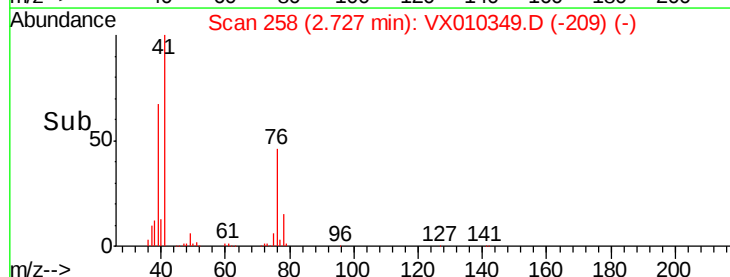
100000

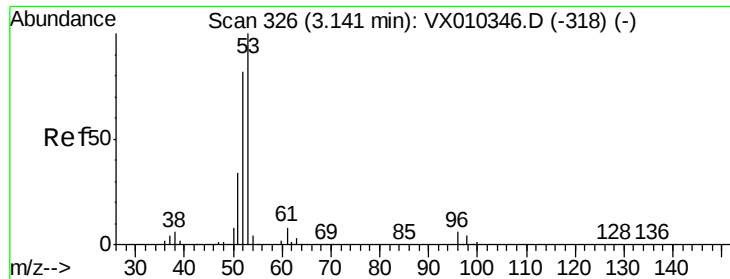
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 249.907 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

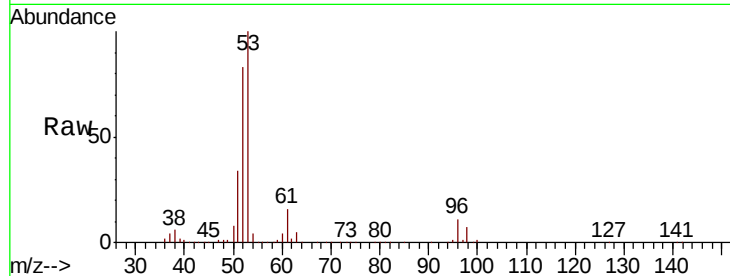
Tot Ion: 53 Resp: 395618

Ion Ratio Lower Upper

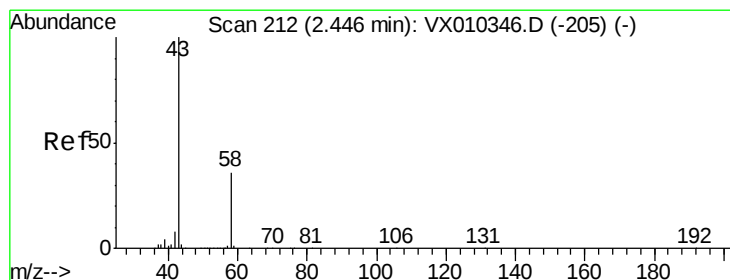
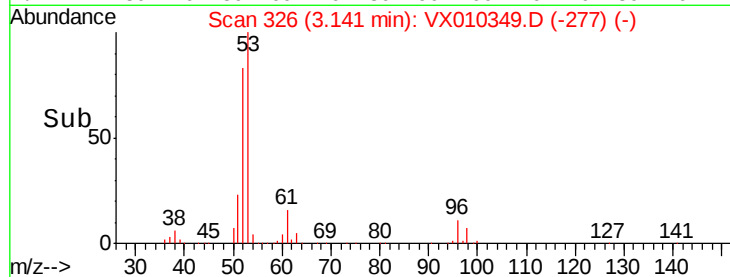
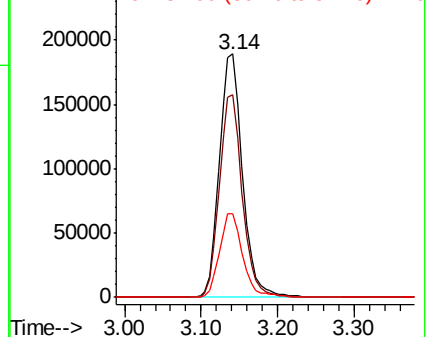
53 100

52 82.3 65.5 98.3

51 34.5 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: 253.603 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010349.D

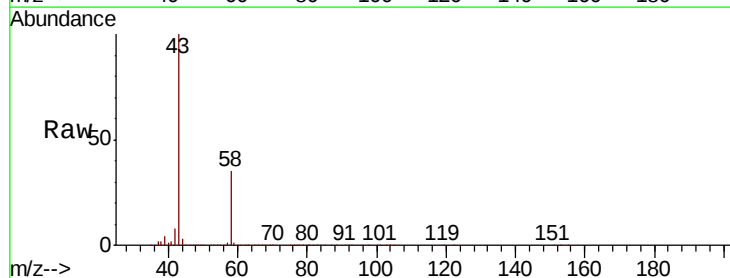
Acq: 19 Jun 2019 15:39

Tgt Ion: 43 Resp: 388371

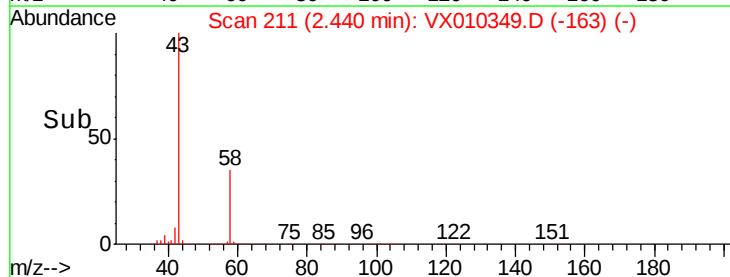
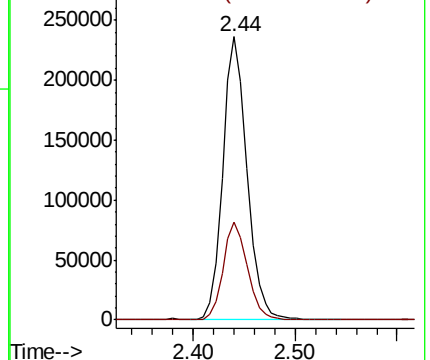
Ion Ratio Lower Upper

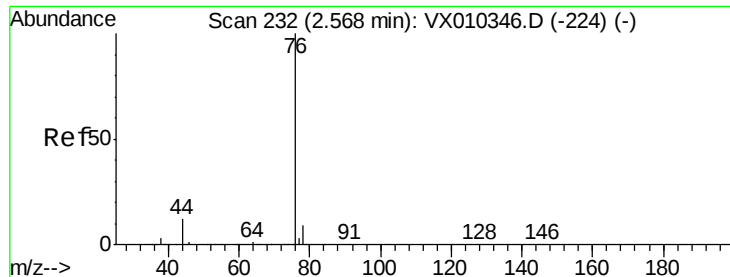
43 100

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

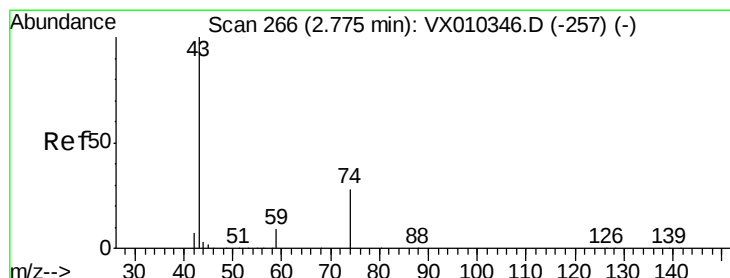
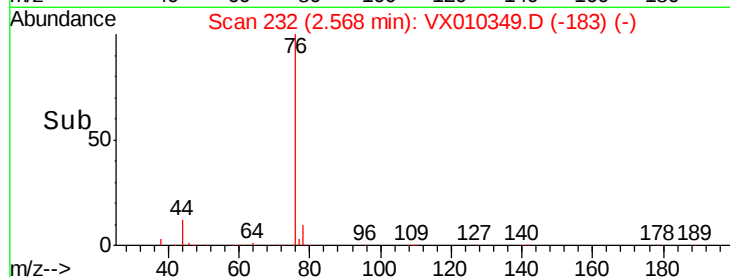
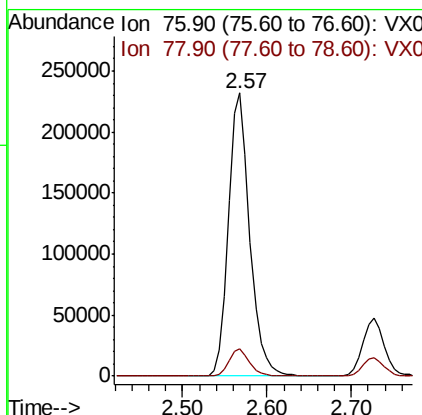
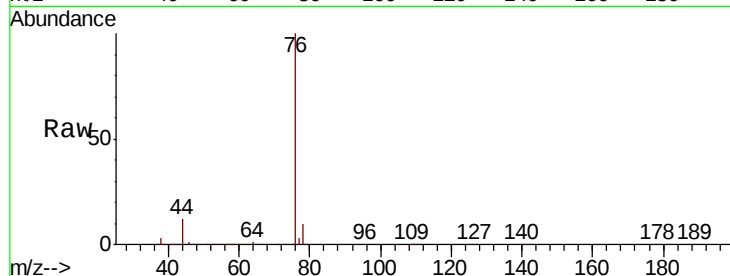




#17
Carbon Disulfide
Concen: 52.768 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

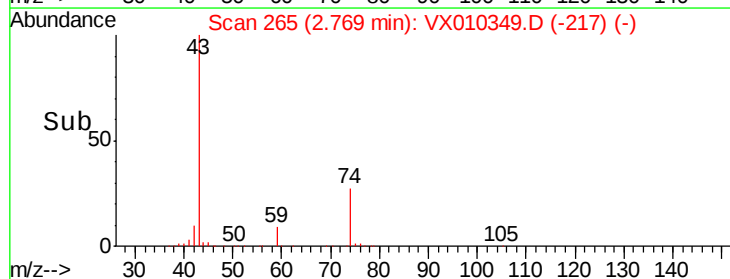
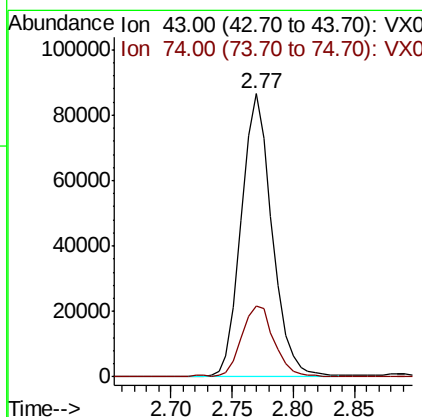
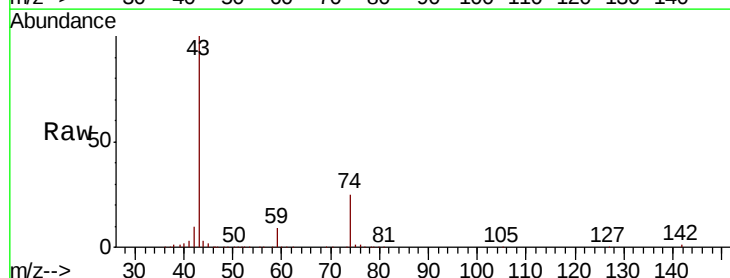
Instrument :
MSVOA_X
ClientSampled :
ICVVX061919

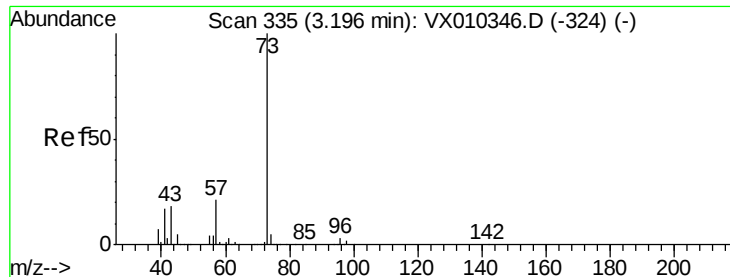
Tot Ion: 76 Resp: 399915
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 49.474 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 43 Resp: 151004
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9

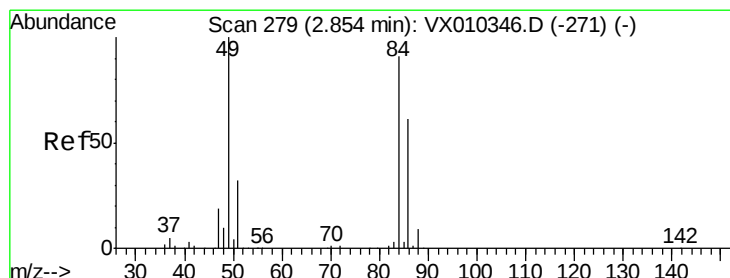
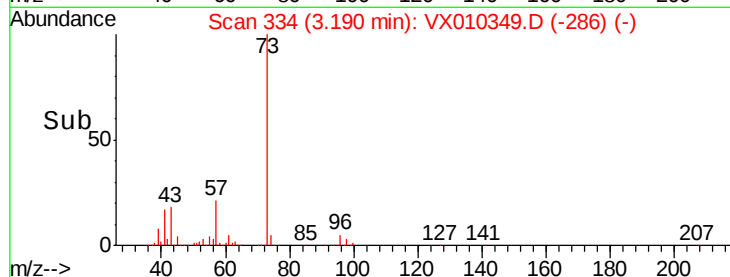
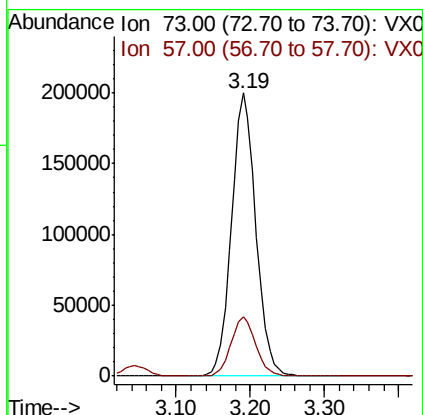
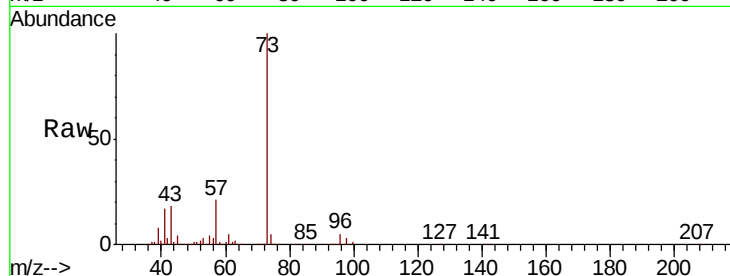




#19
Methyl tert-butyl Ether
Concen: 51.429 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

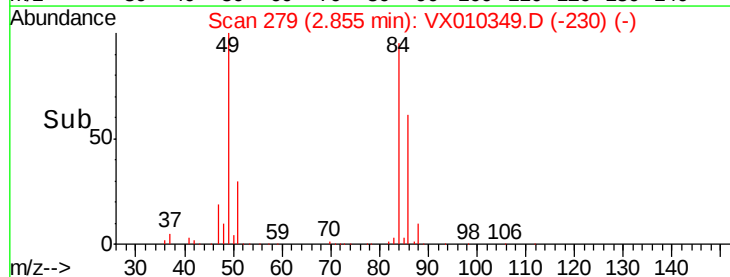
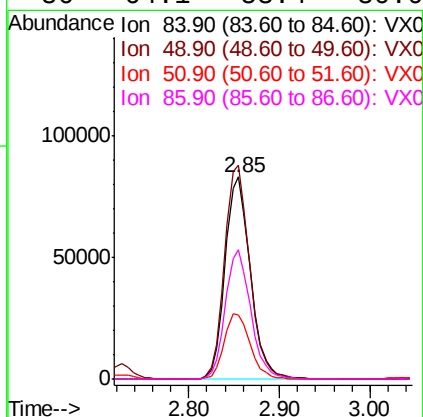
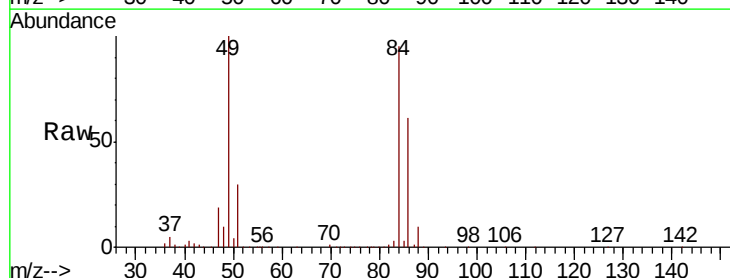
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

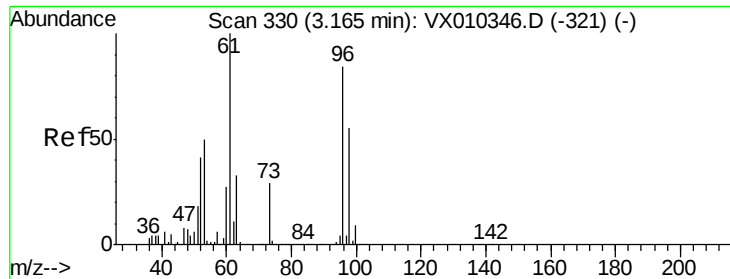
Tot Ion: 73 Resp: 457040
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 51.236 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 84 Resp: 161473
Ion Ratio Lower Upper
84 100
49 105.8 87.5 131.3
51 32.0 27.7 41.5
86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.701 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

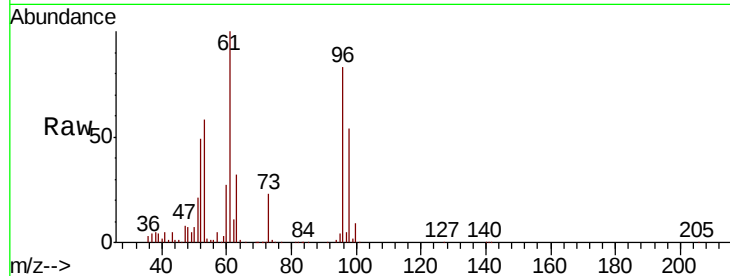
Tot Ion: 96 Resp: 157076

Ion Ratio Lower Upper

96 100

61 121.1 95.6 143.4

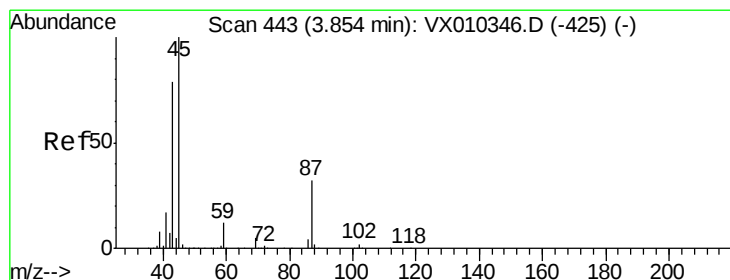
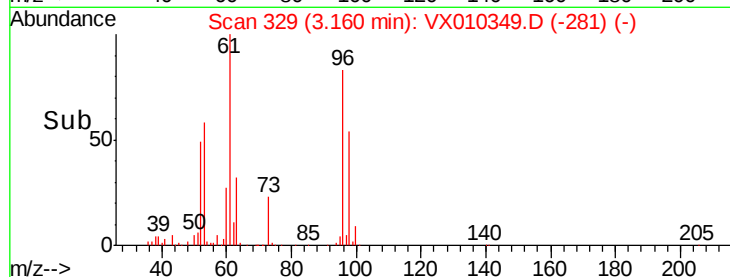
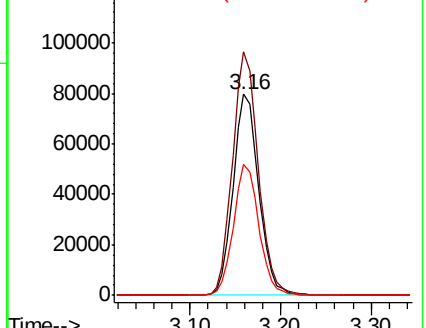
98 65.2 52.5 78.7



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: 51.178 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Tgt Ion: 45 Resp: 429130

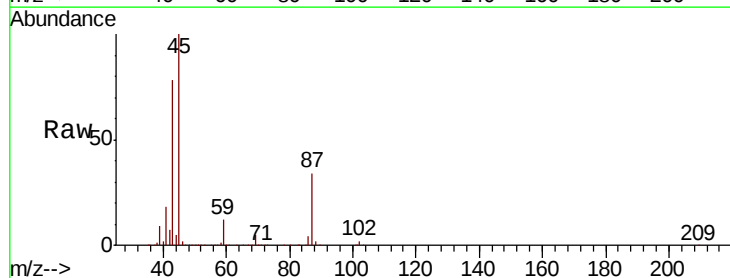
Ion Ratio Lower Upper

45 100

43 77.8 63.3 94.9

87 33.9 25.8 38.8

59 12.5 9.6 14.4

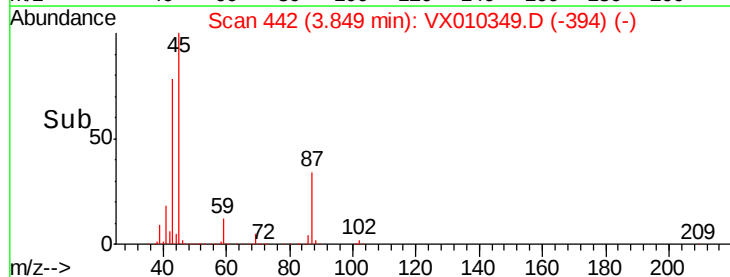
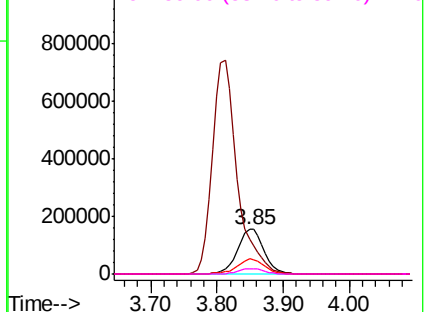


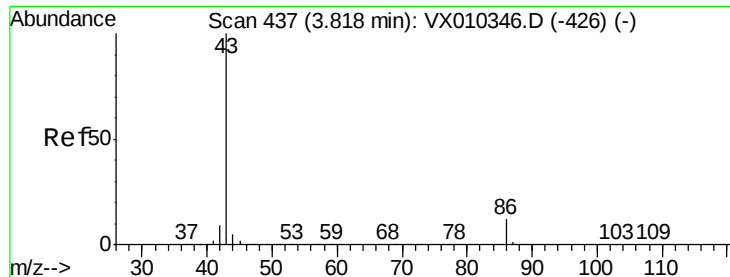
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 266.297 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

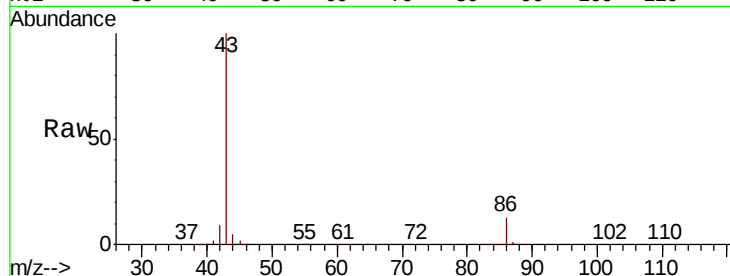
ICVVX061919

Tot Ion: 43 Resp: 1929000

Ion Ratio Lower Upper

43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

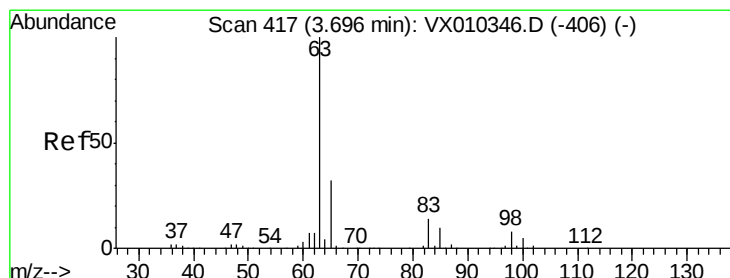
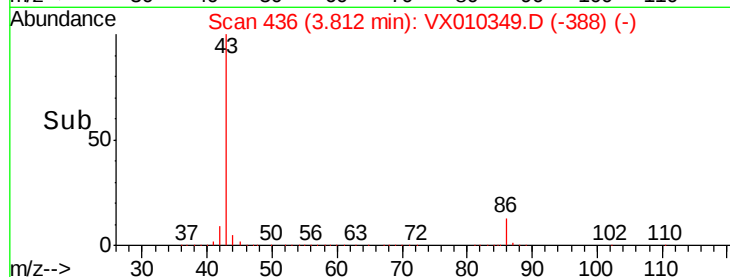
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.834 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

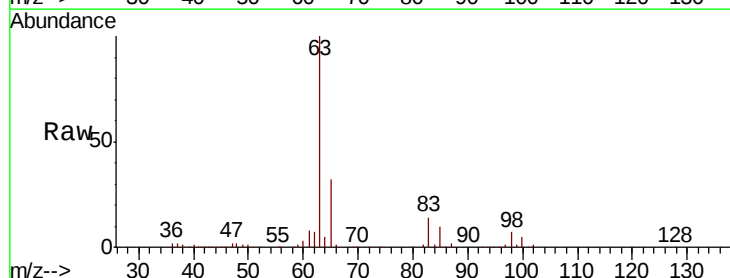
Tgt Ion: 63 Resp: 251231

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.9 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

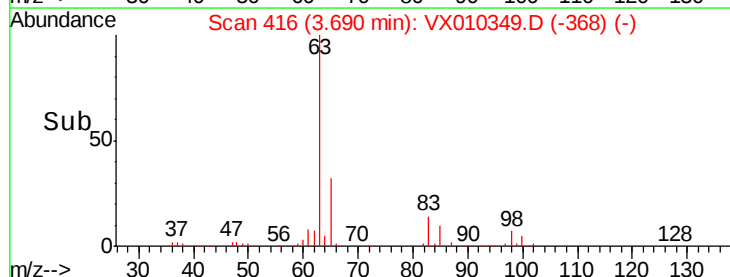
3.69

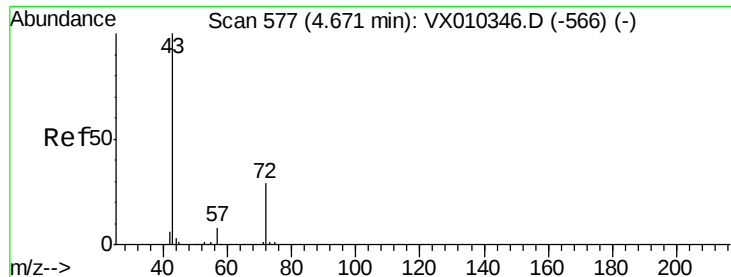
100000

50000

0

Time-->





#25

2-Butanone

Concen: 250.401 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

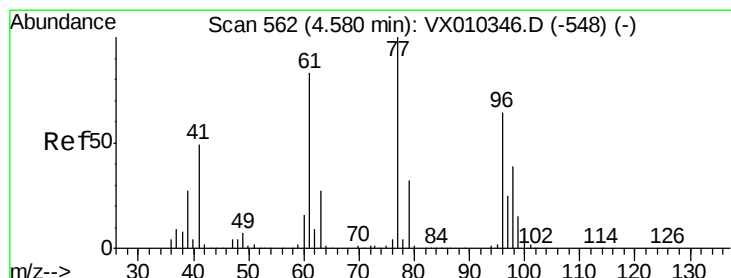
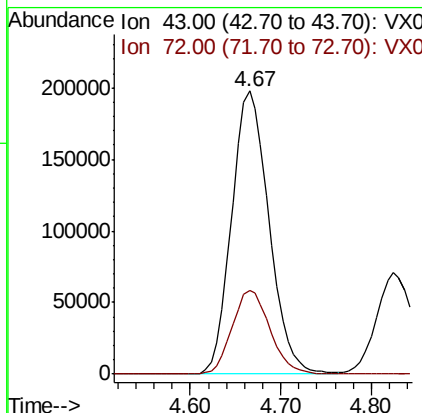
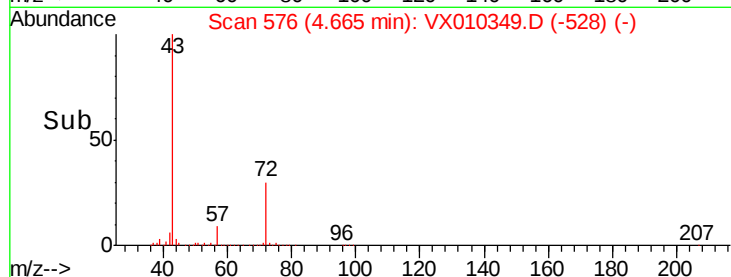
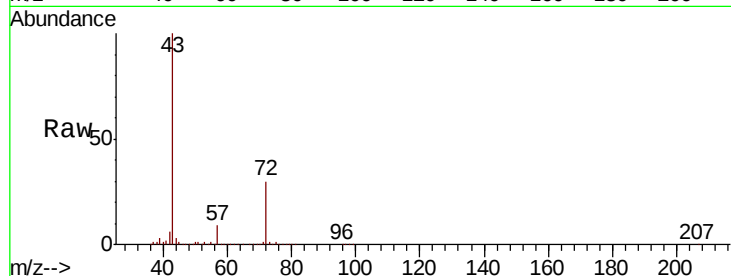
ICVVX061919

Tot Ion: 43 Resp: 562499

Ion Ratio Lower Upper

43 100

72 29.6 23.3 34.9



#26

2,2-Dichloropropane

Concen: 54.031 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010349.D

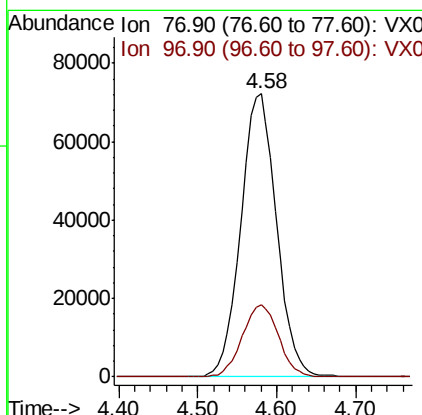
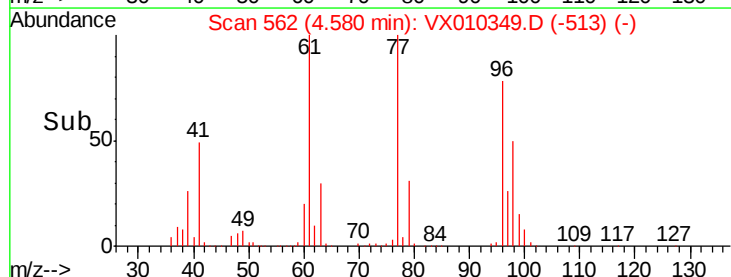
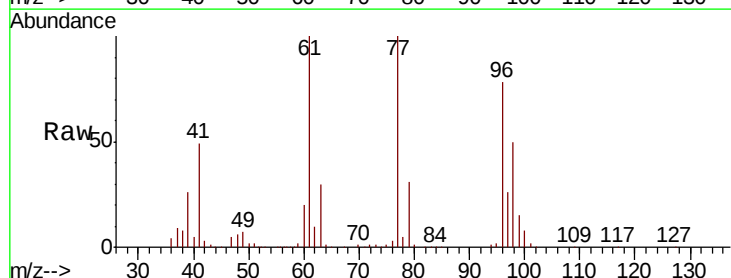
Acq: 19 Jun 2019 15:39

Tgt Ion: 77 Resp: 227495

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



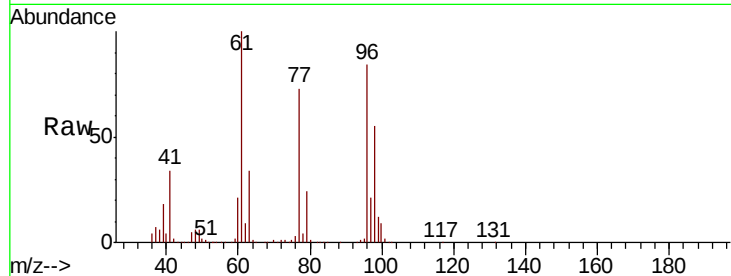


#27

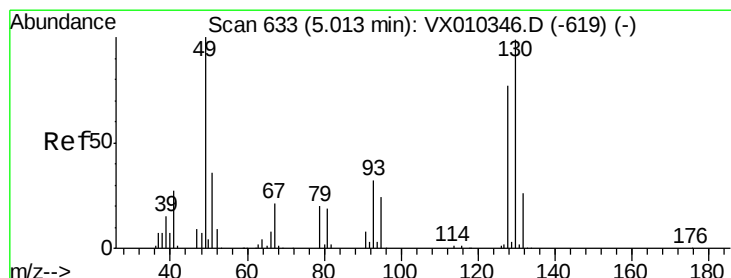
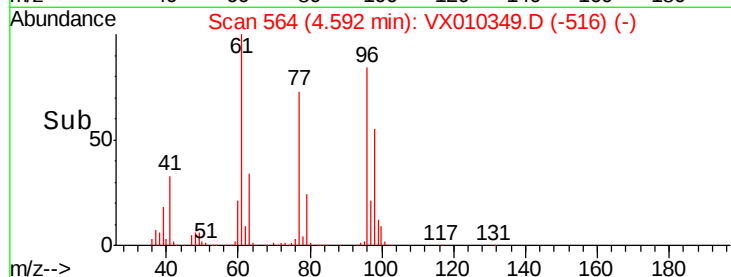
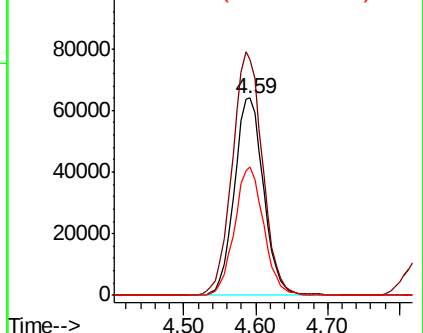
cis-1,2-Dichloroethene
Concen: 51.361 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion: 96 Resp: 180321
Ion Ratio Lower Upper
96 100
61 128.0 0.0 251.8
98 64.7 0.0 129.4



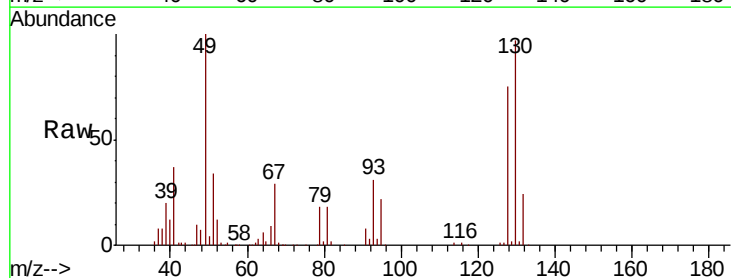
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



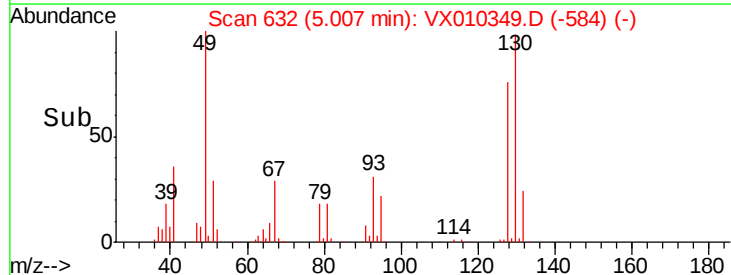
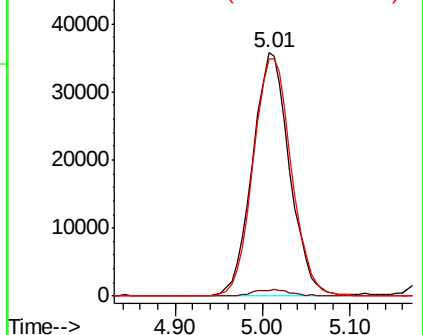
#28

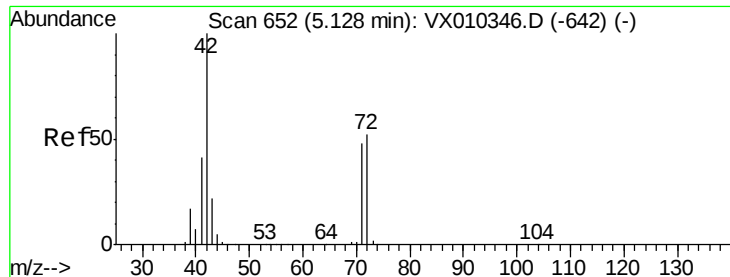
Bromochloromethane
Concen: 45.674 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 49 Resp: 105843
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 100.5 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: 243.252 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

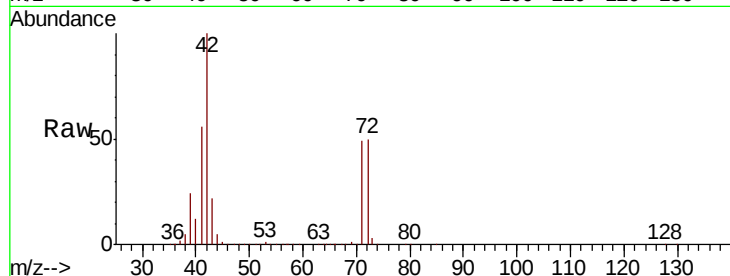
Tot Ion: 42 Resp: 338468

Ion Ratio Lower Upper

42 100

72 51.8 40.6 60.8

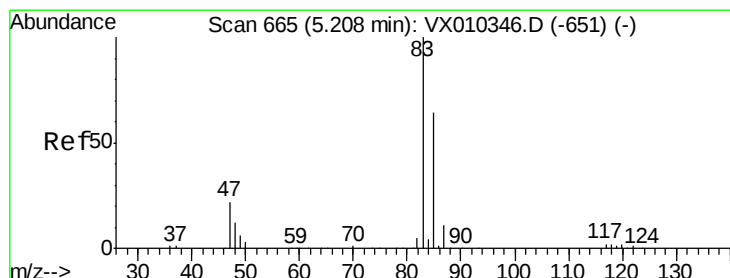
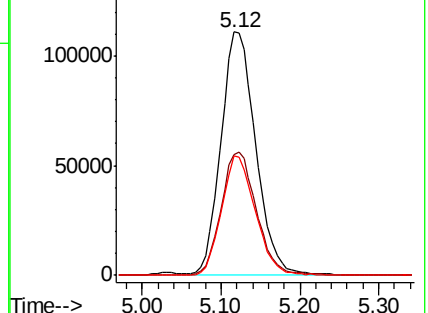
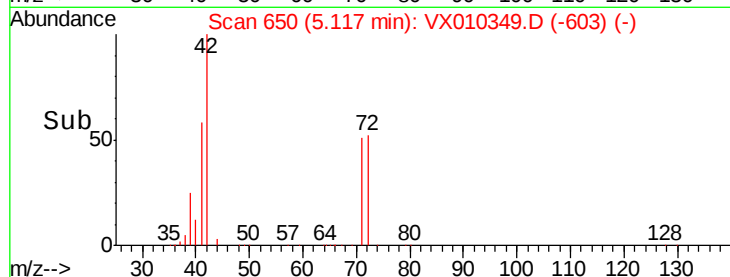
71 48.1 37.8 56.8



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: 51.183 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX010349.D

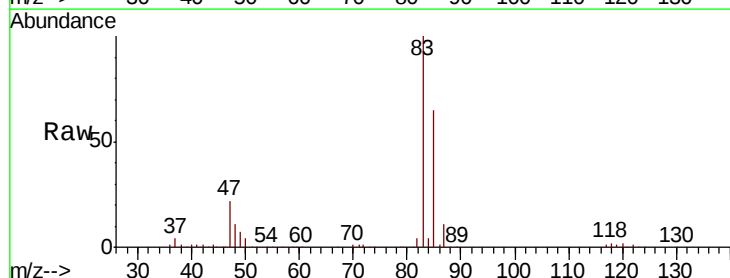
Acq: 19 Jun 2019 15:39

Tgt Ion: 83 Resp: 266917

Ion Ratio Lower Upper

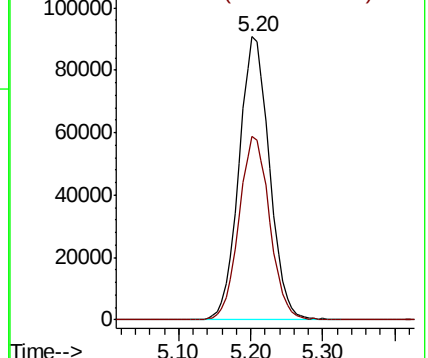
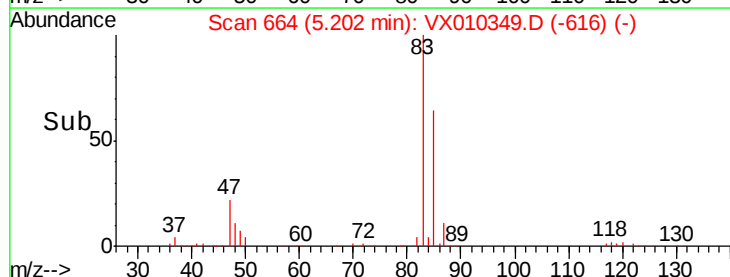
83 100

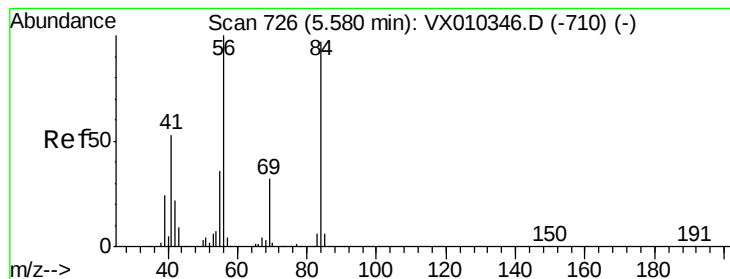
85 64.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.972 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

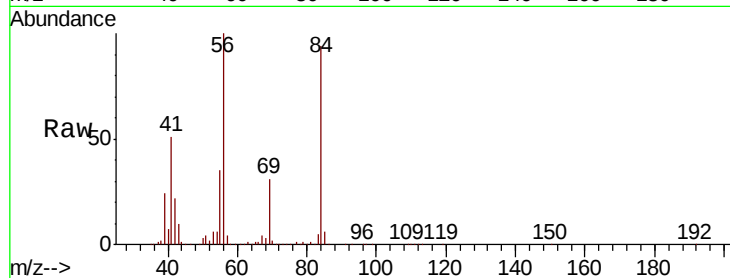
Tot Ion: 56 Resp: 238219

Ion Ratio Lower Upper

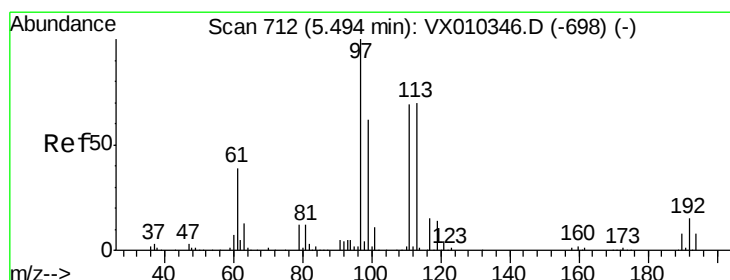
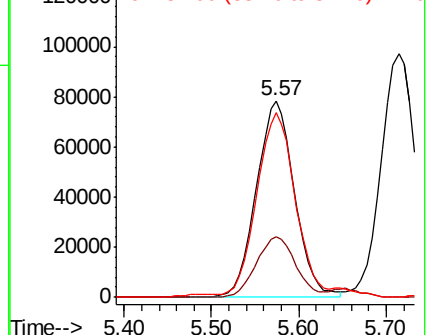
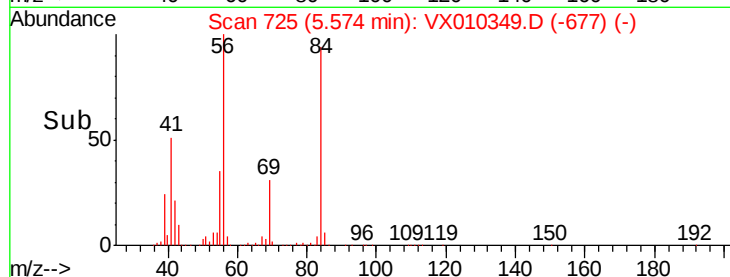
56 100

69 30.6 25.9 38.9

84 92.5 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 52.474 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

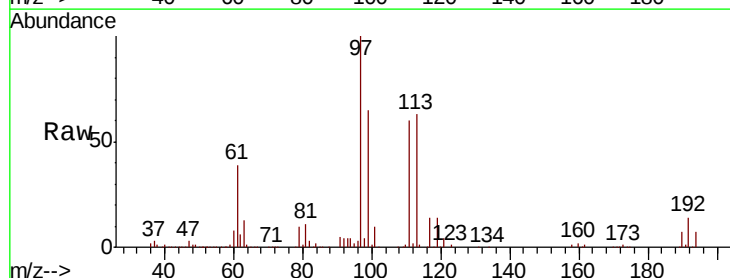
Tgt Ion: 97 Resp: 241632

Ion Ratio Lower Upper

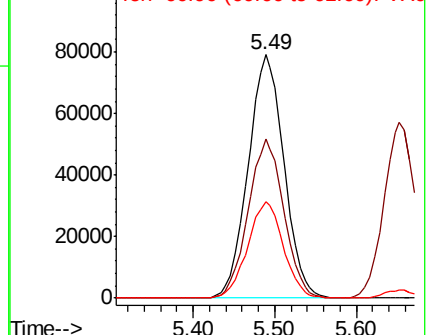
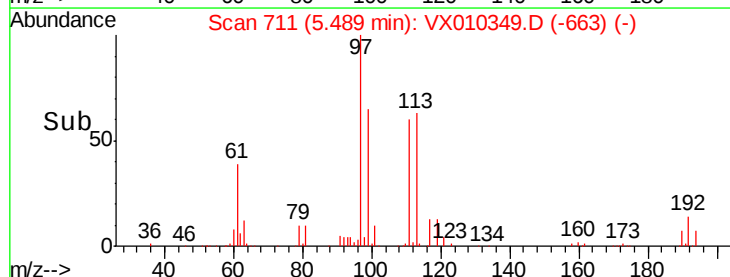
97 100

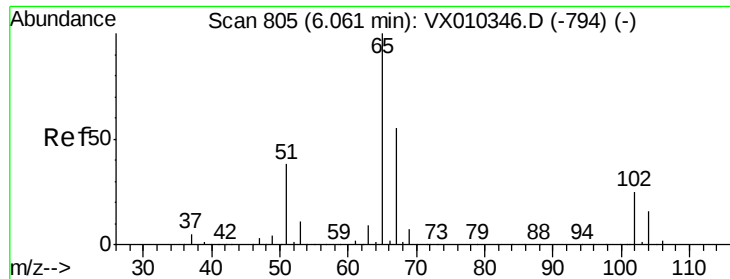
99 64.9 51.8 77.8

61 39.5 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 46.699 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

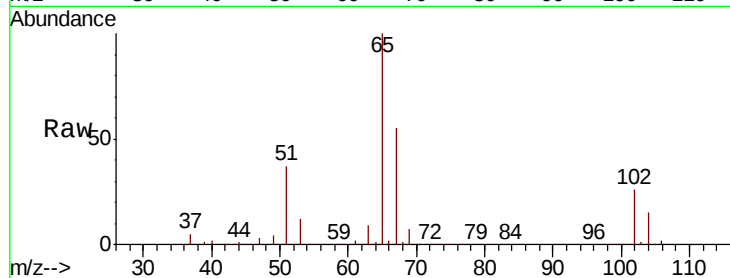
ICVVX061919

Tot Ion: 65 Resp: 142697

Ion Ratio Lower Upper

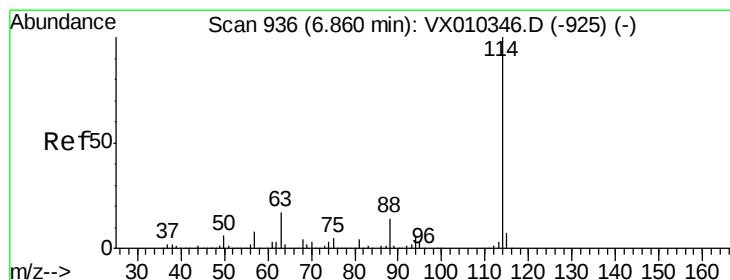
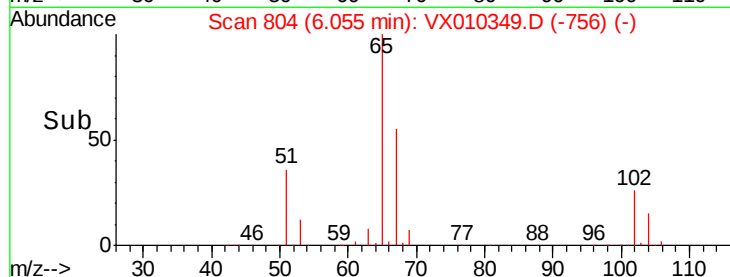
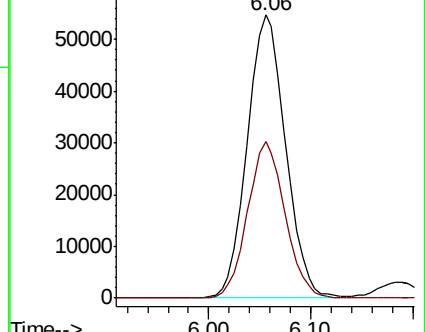
65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

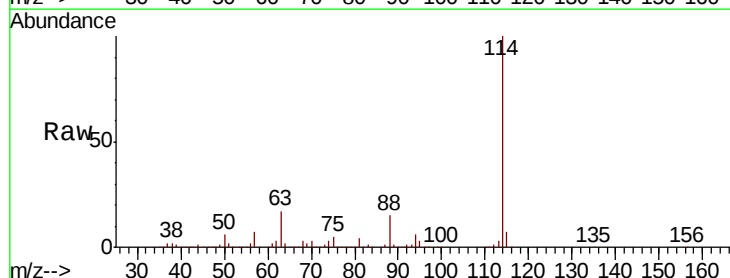
Tgt Ion: 114 Resp: 477920

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

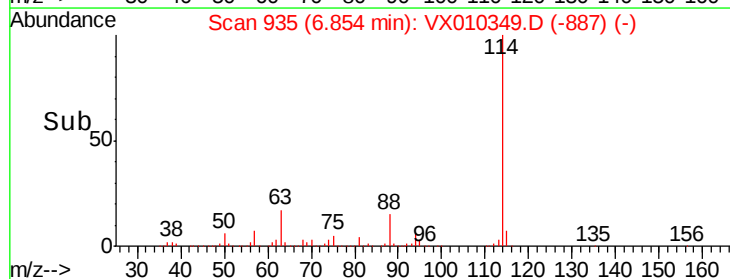
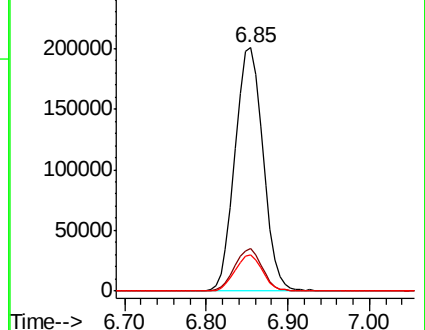
88 14.7 0.0 27.6



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

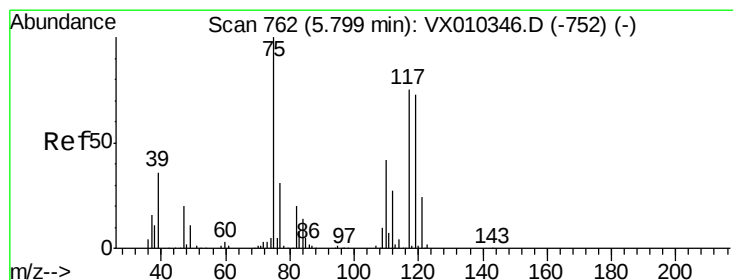
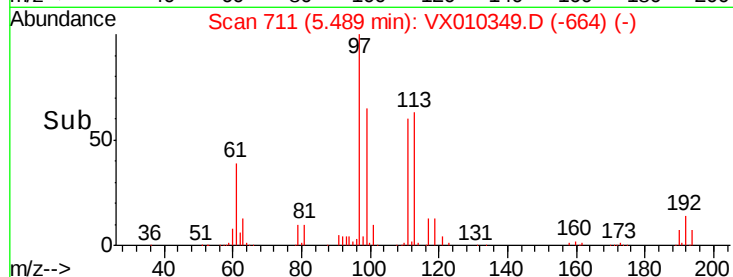
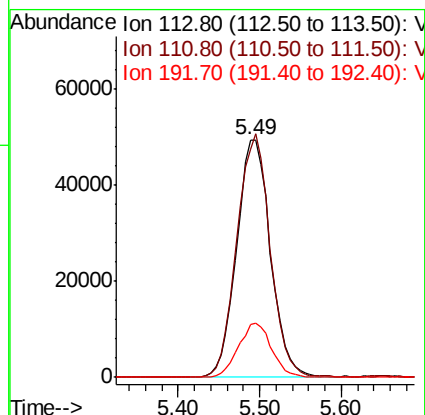
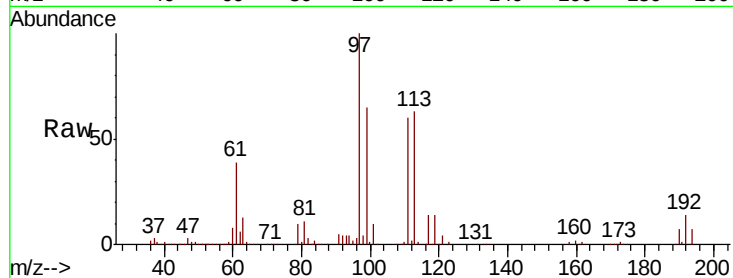




#35
 Dibromofluoromethane
 Concen: 48.751 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

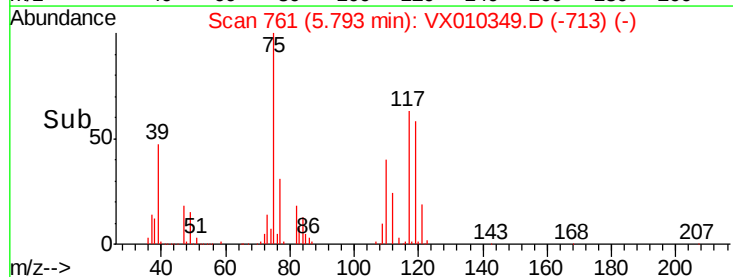
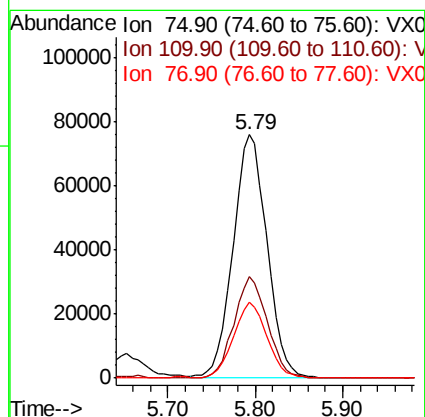
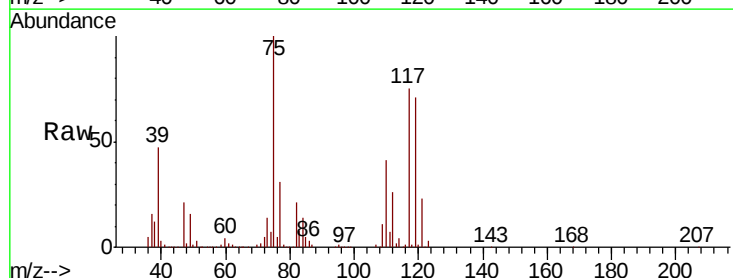
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

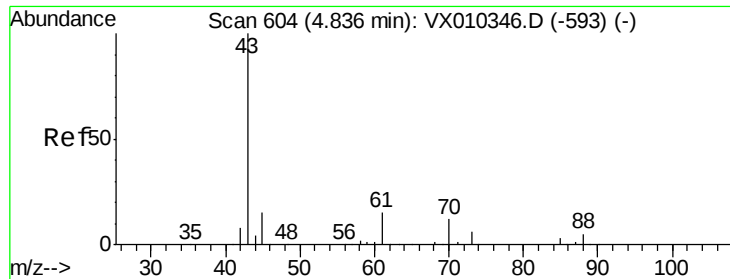
Tot Ion:113 Resp: 142551
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.2 121.8
 192 22.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 53.473 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Tgt Ion: 75 Resp: 203079
 Ion Ratio Lower Upper
 75 100
 110 41.3 20.8 62.2
 77 31.2 25.4 38.0





#37

Ethyl Acetate

Concen: 52.720 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX061919

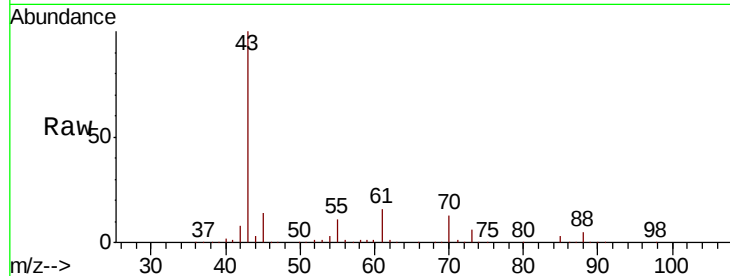
Tot Ion: 43 Resp: 205977

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

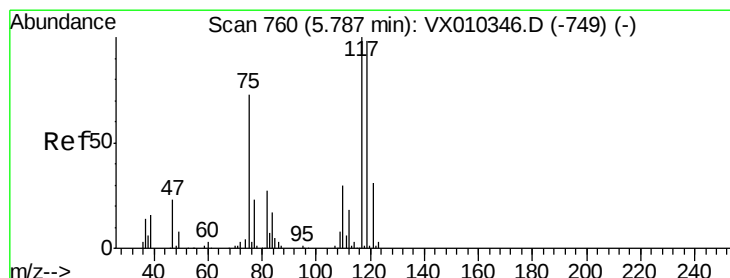
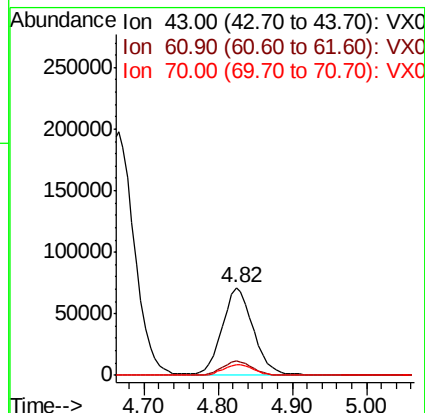
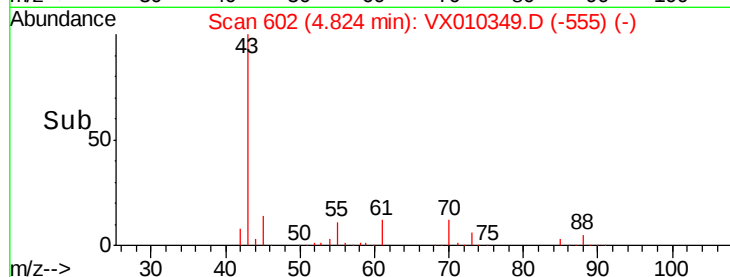
70 12.5 9.8 14.8



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: 53.695 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

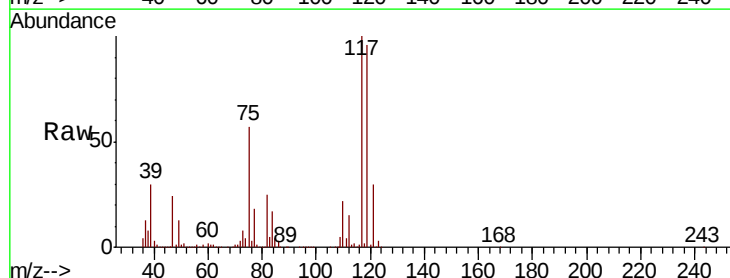
Tgt Ion: 117 Resp: 220822

Ion Ratio Lower Upper

117 100

119 96.1 78.2 117.4

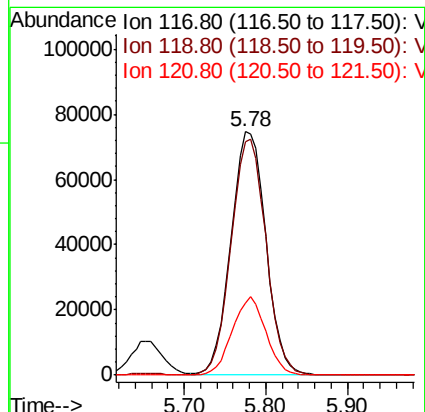
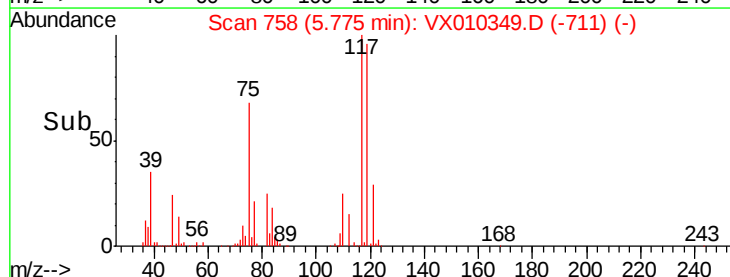
121 29.8 24.7 37.1



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

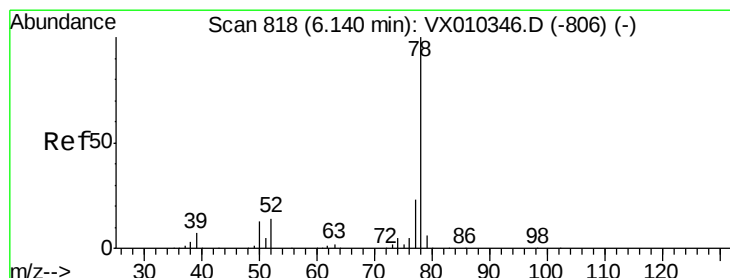
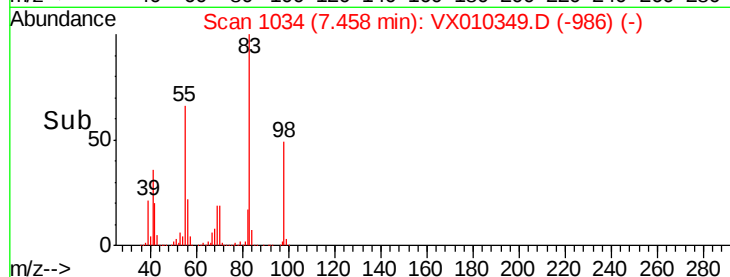
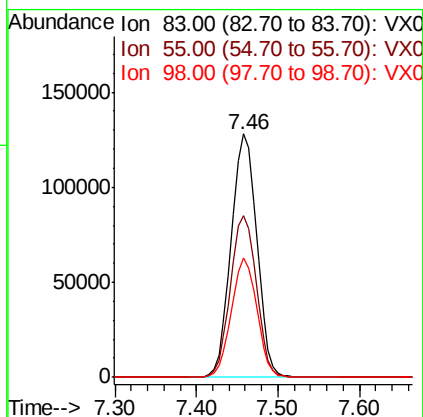
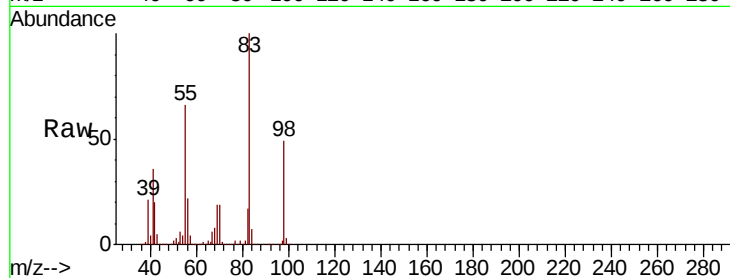




#39
Methvlcvclohexane
Concen: 55.684 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

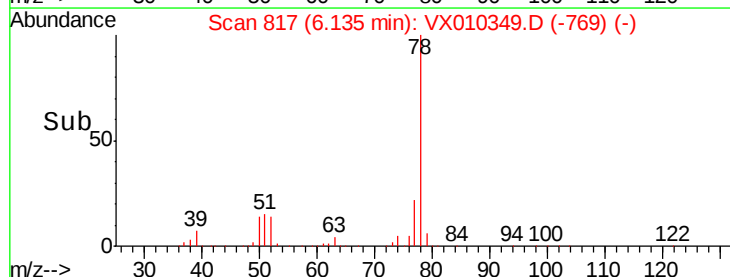
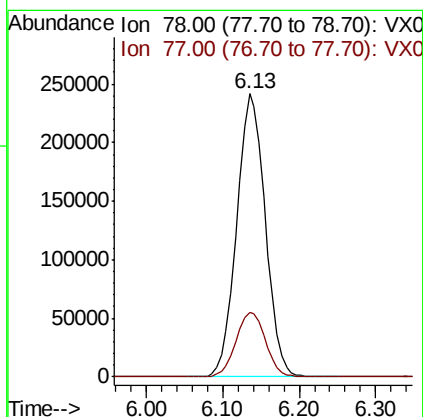
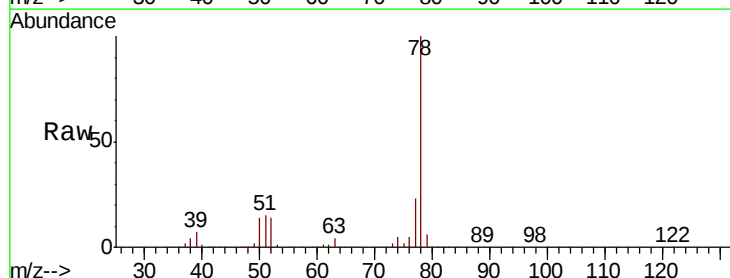
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

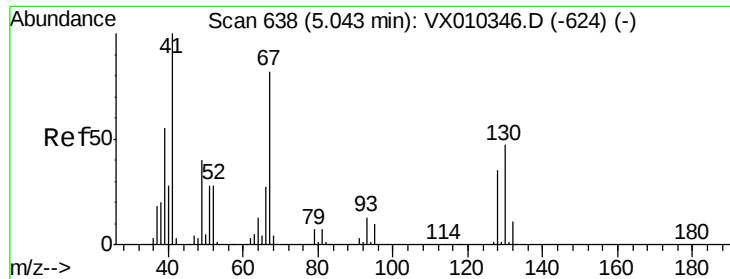
Tot Ion: 83 Resp: 277981
Ion Ratio Lower Upper
83 100
55 66.4 53.0 79.6
98 49.0 37.8 56.8



#40
Benzene
Concen: 52.839 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 78 Resp: 625186
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0





#41

Methacrylonitrile

Concen: 50.875 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

Tot Ion: 41 Resp: 109062

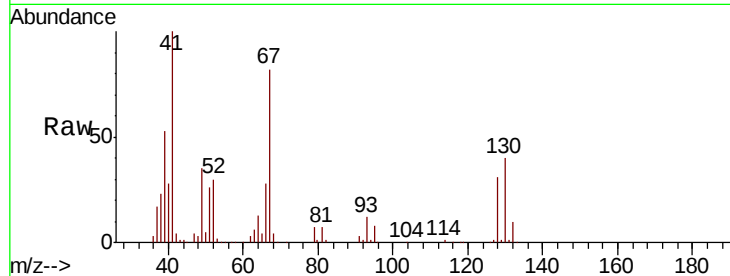
Ion Ratio Lower Upper

41 100

39 55.2 43.8 65.8

67 83.0 66.6 100.0

52 31.5 24.5 36.7

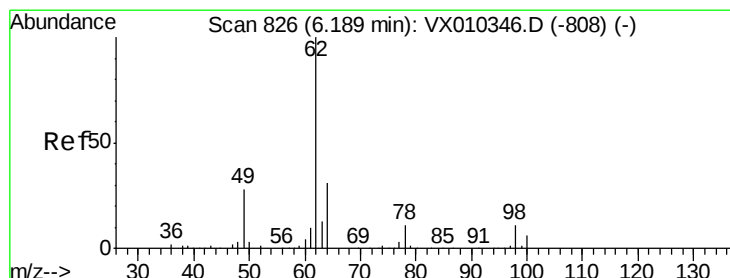
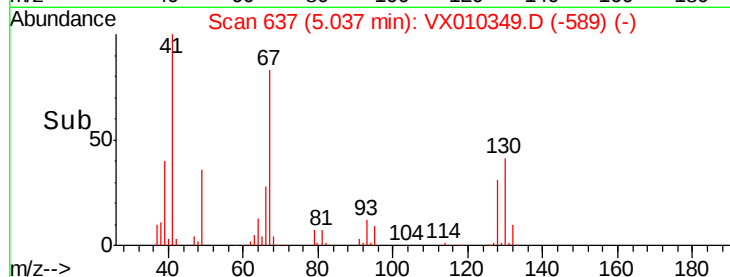
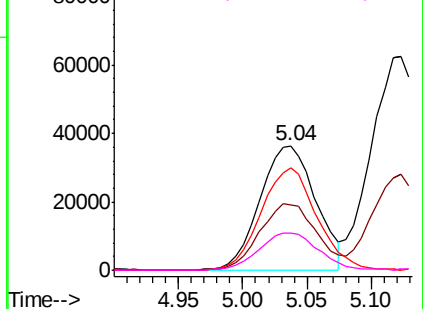


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.026 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010349.D

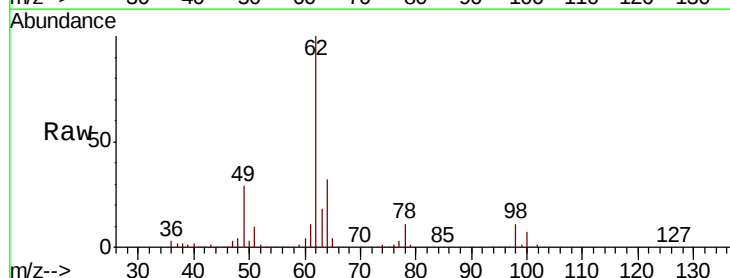
Acq: 19 Jun 2019 15:39

Tgt Ion: 62 Resp: 194585

Ion Ratio Lower Upper

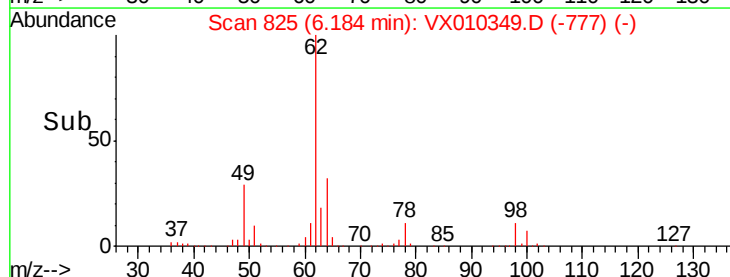
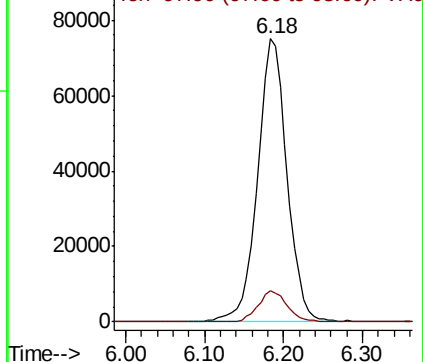
62 100

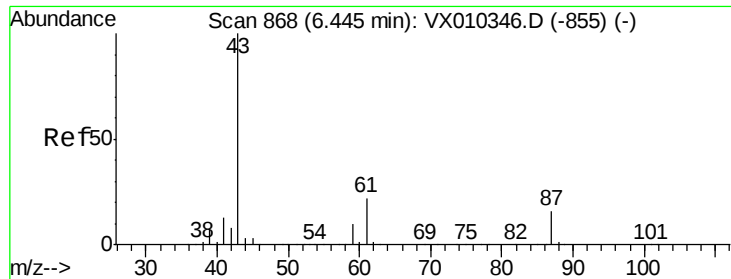
98 10.8 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.756 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

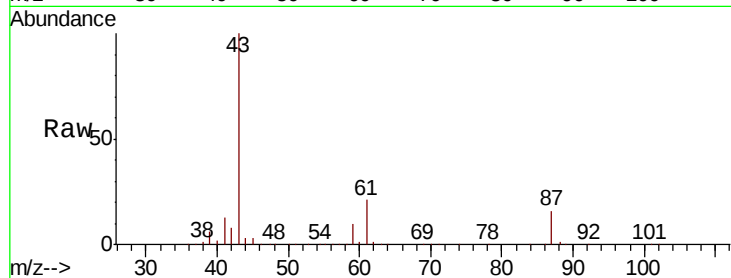
Tot Ion: 43 Resp: 341022

Ion Ratio Lower Upper

43 100

61 21.7 17.8 26.6

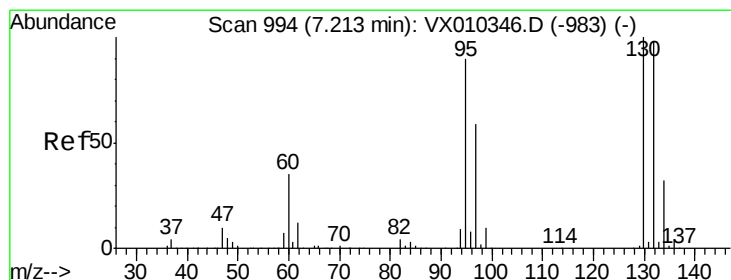
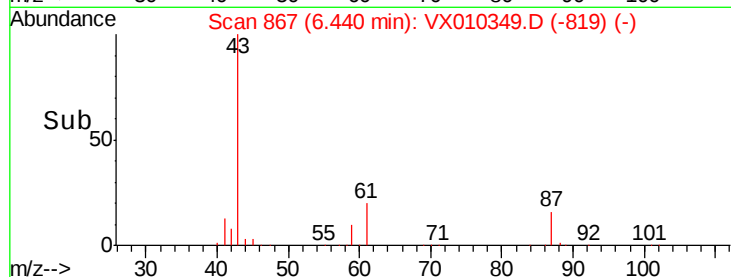
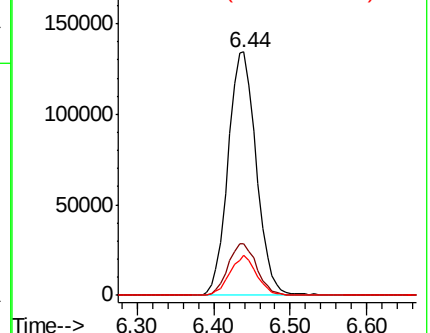
87 15.7 13.0 19.4



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: 53.329 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010349.D

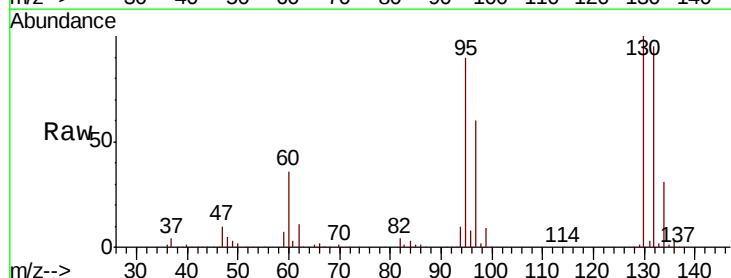
Acq: 19 Jun 2019 15:39

Tgt Ion:130 Resp: 188809

Ion Ratio Lower Upper

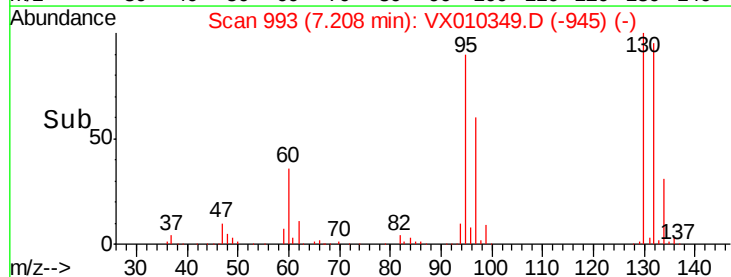
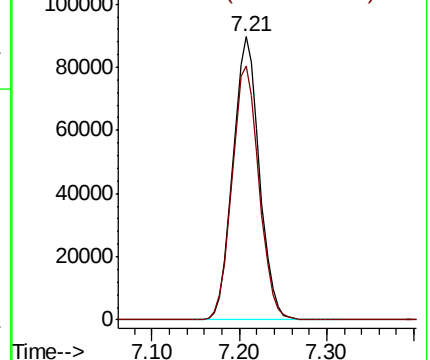
130 100

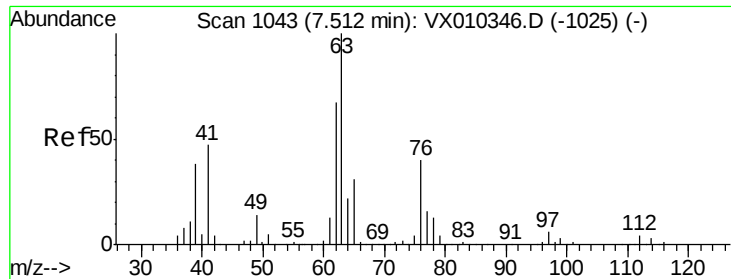
95 89.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.816 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

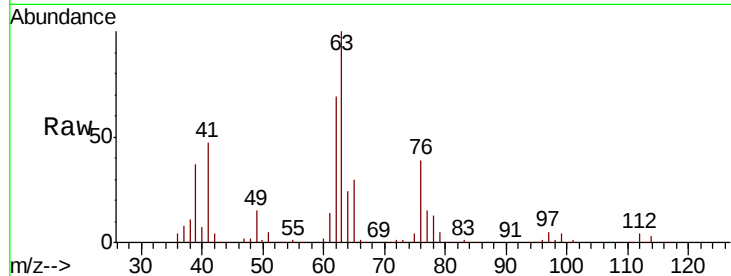
ICVVX061919

Tot Ion: 63 Resp: 154822

Ion Ratio Lower Upper

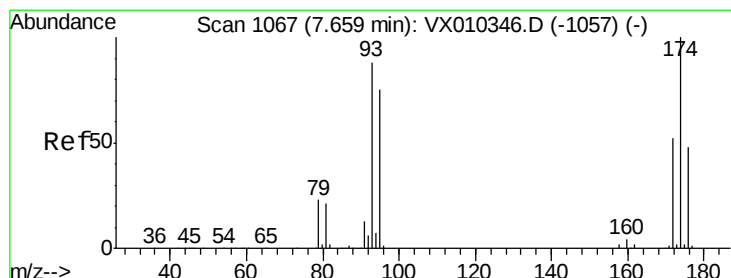
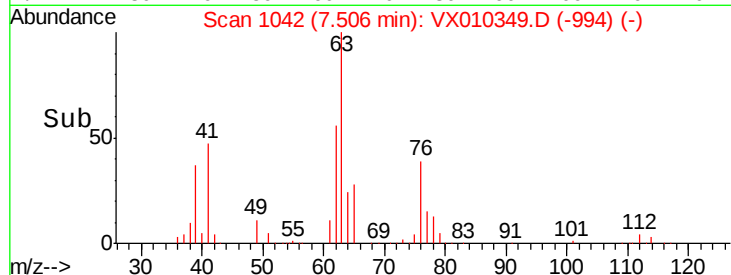
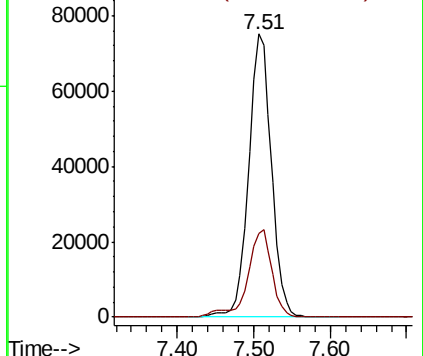
63 100

65 29.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.120 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

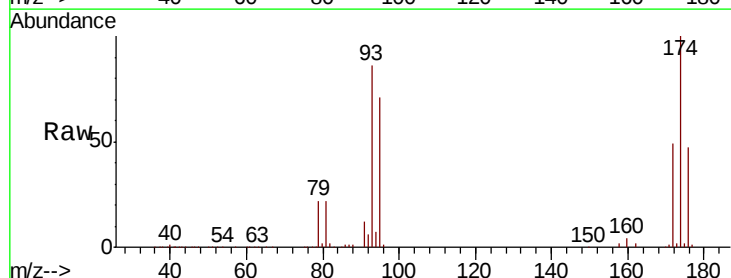
Tgt Ion: 93 Resp: 111732

Ion Ratio Lower Upper

93 100

95 85.2 67.5 101.3

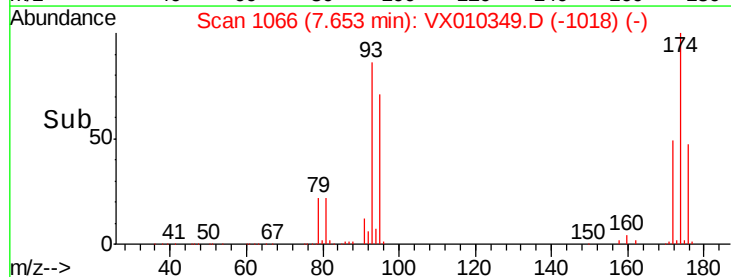
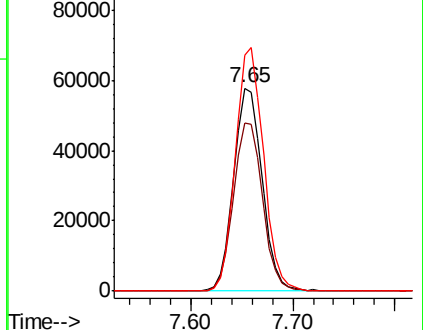
174 118.8 95.8 143.6

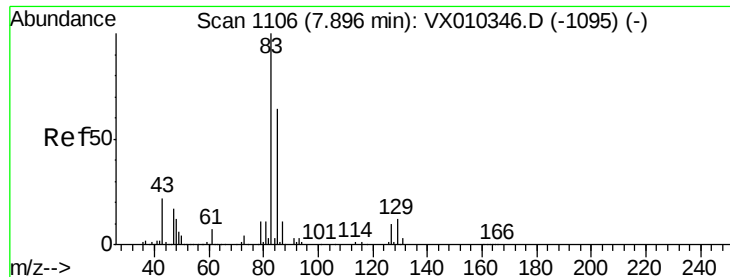


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.867 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

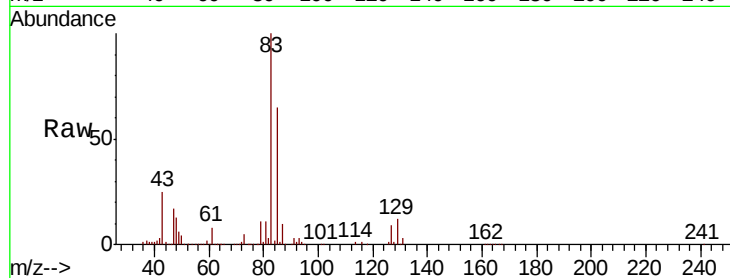
Tot Ion: 83 Resp: 211626

Ion Ratio Lower Upper

83 100

85 64.7 51.5 77.3

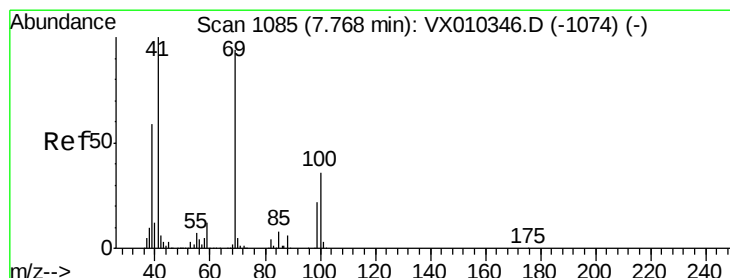
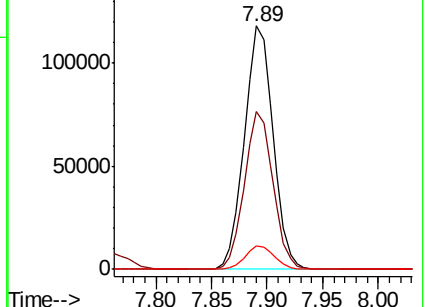
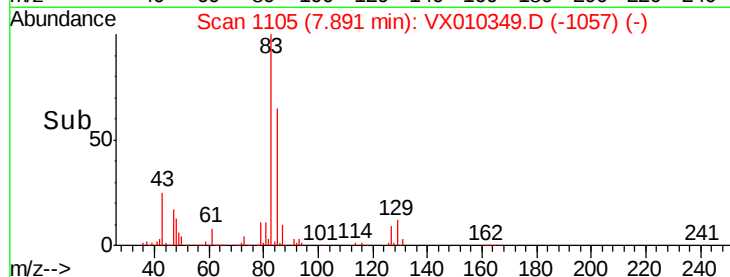
127 9.4 7.8 11.8



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: 54.188 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

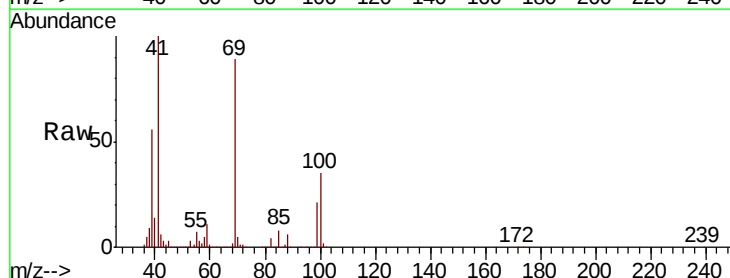
Tgt Ion: 41 Resp: 162814

Ion Ratio Lower Upper

41 100

69 93.9 76.1 114.1

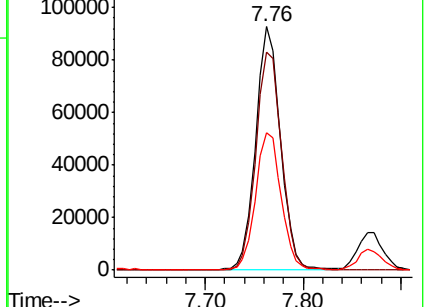
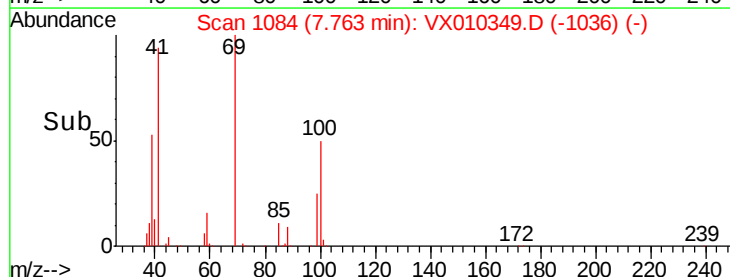
39 58.5 47.6 71.4

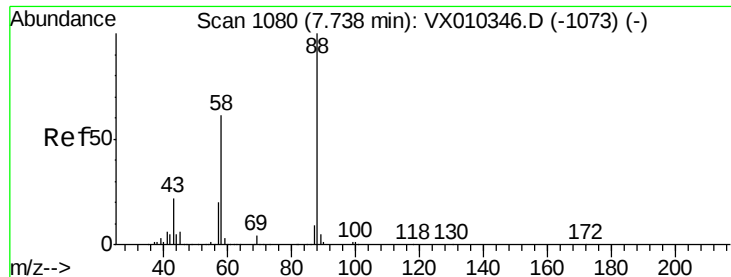


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1034.749 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

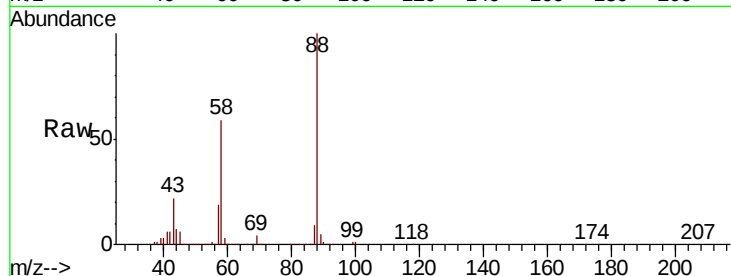
Tot Ion: 88 Resp: 89563

Ion Ratio Lower Upper

88 100

43 25.9 20.2 30.2

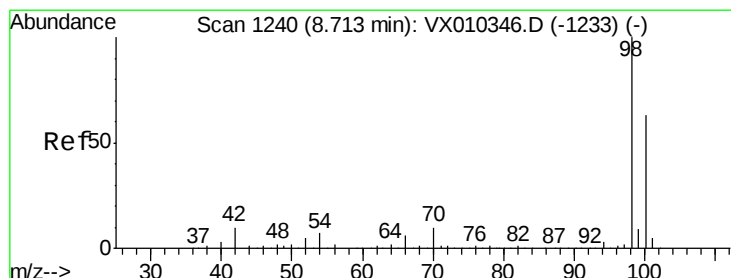
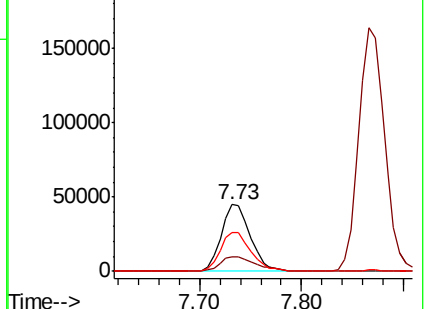
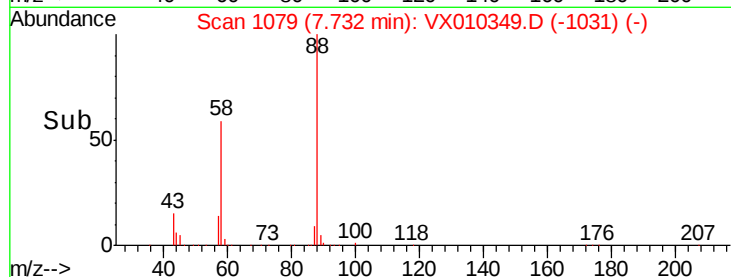
58 61.5 49.5 74.3



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: 48.065 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010349.D

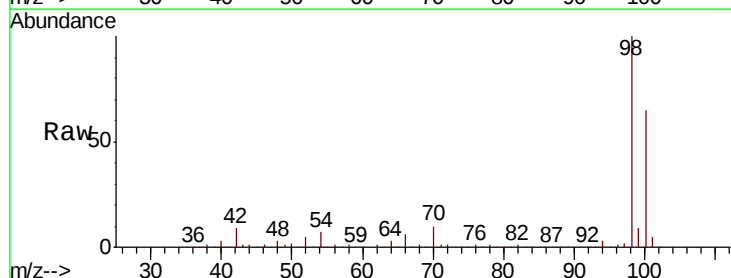
Acq: 19 Jun 2019 15:39

Tgt Ion: 98 Resp: 537705

Ion Ratio Lower Upper

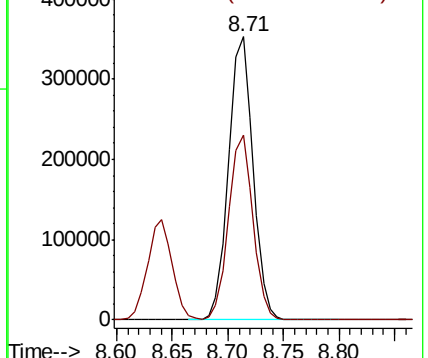
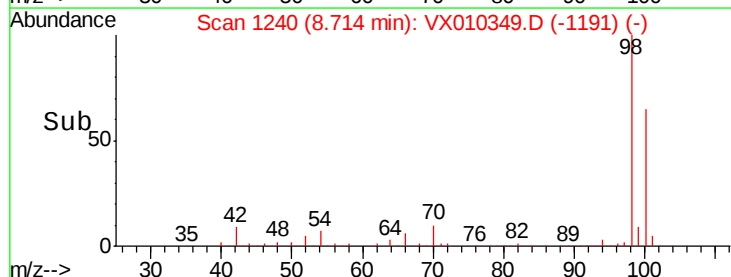
98 100

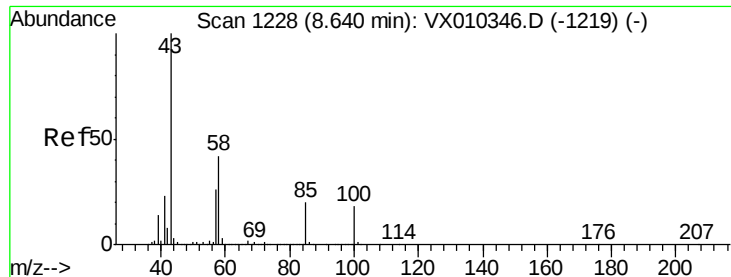
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

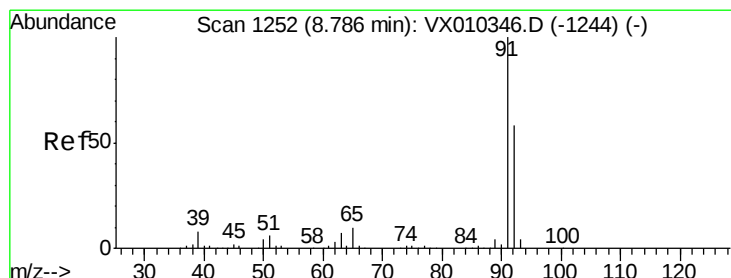
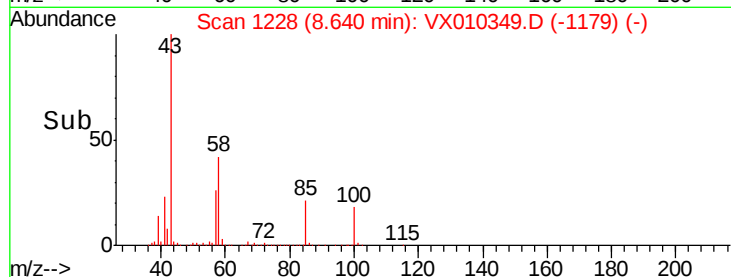
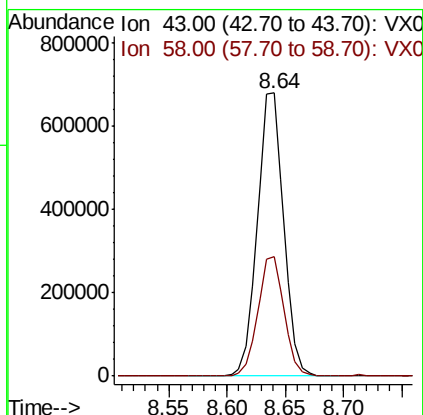
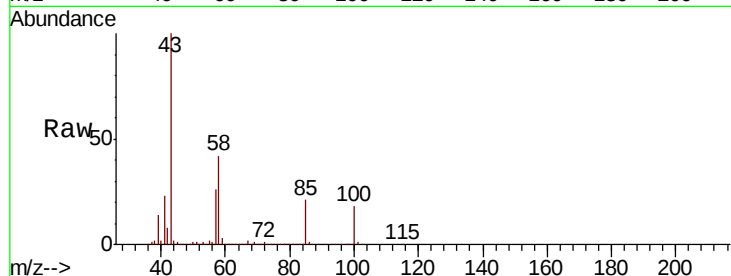




#51
4-Methyl-2-Pentanone
Concen: 259.860 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

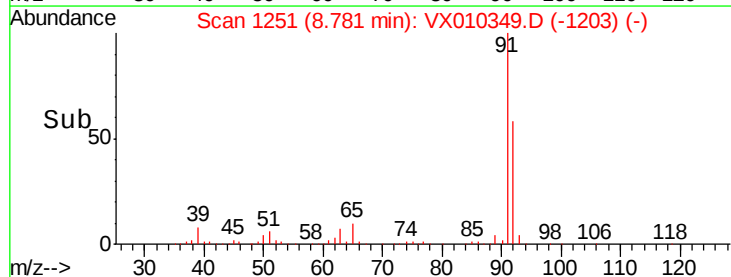
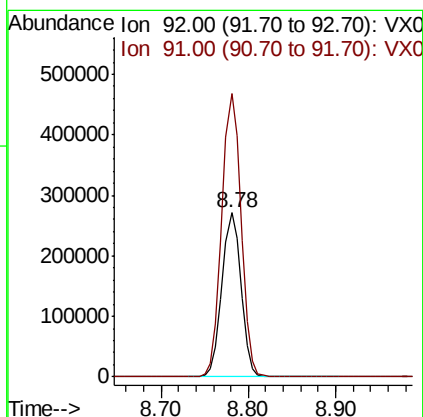
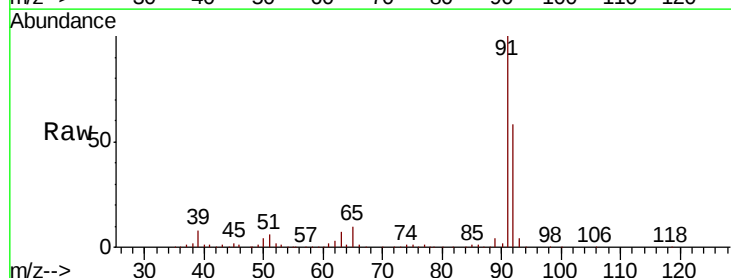
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

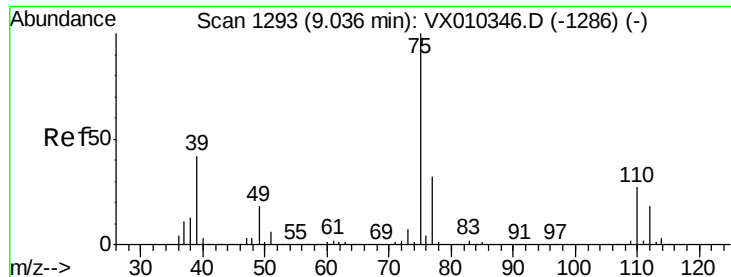
Tot Ion: 43 Resp: 1074315
Ion Ratio Lower Upper
43 100
58 41.8 33.5 50.3



#52
Toluene
Concen: 52.616 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 92 Resp: 409973
Ion Ratio Lower Upper
92 100
91 174.4 139.8 209.6

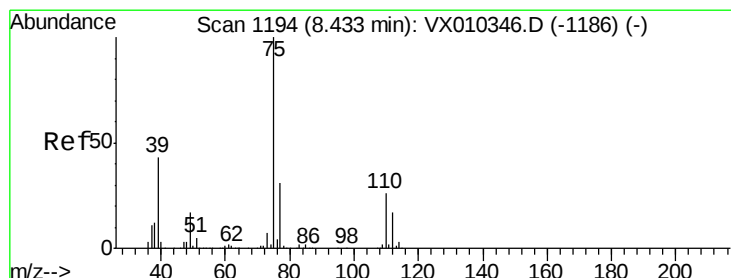
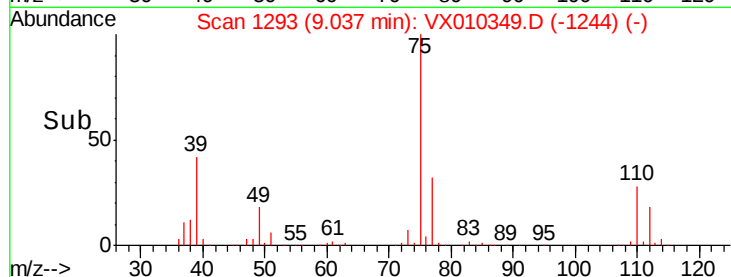
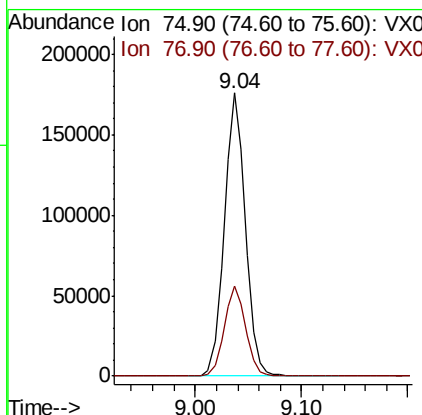
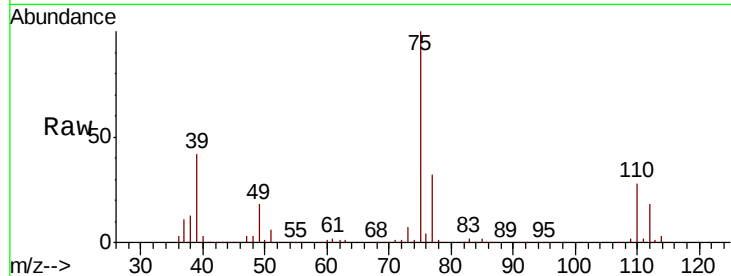




#53
t-1,3-Dichloropropene
Concen: 55.161 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

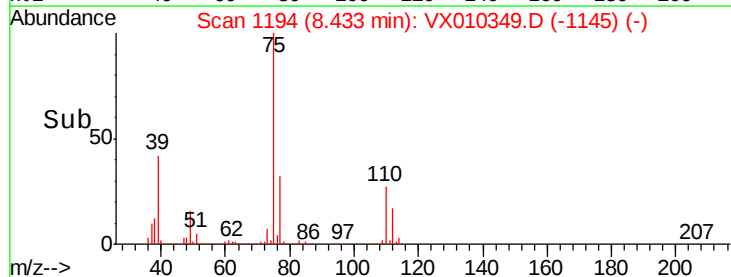
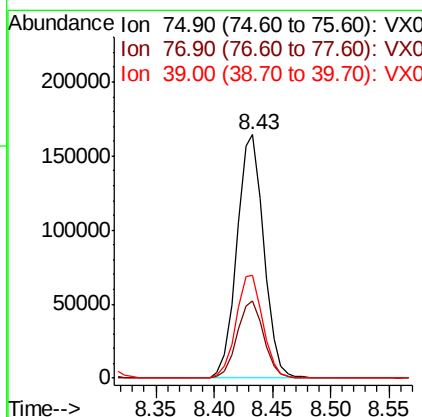
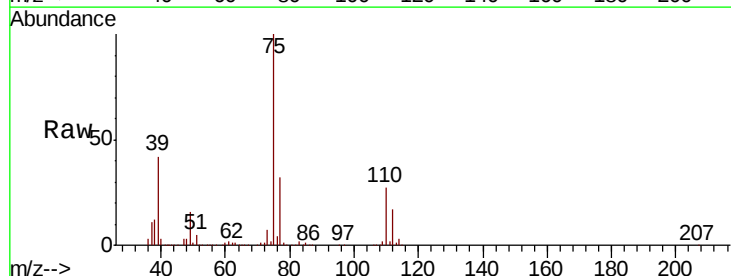
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

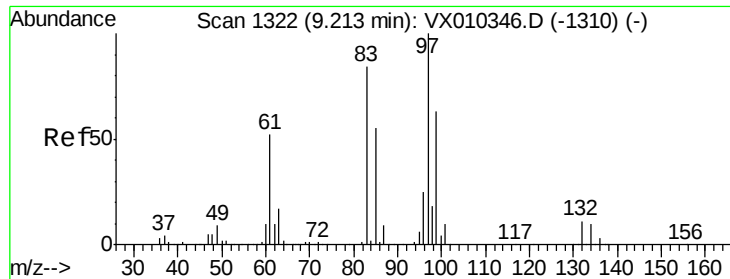
Tot Ion: 75 Resp: 242965
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 55.357 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 75 Resp: 264969
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 42.4 34.5 51.7

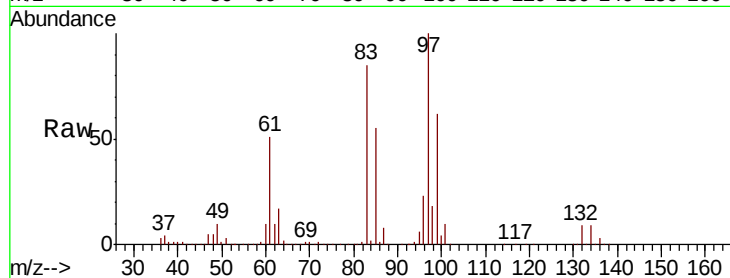




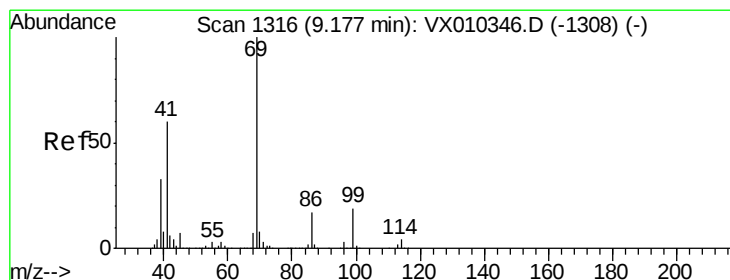
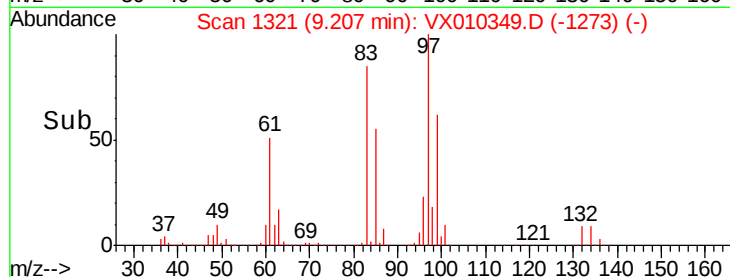
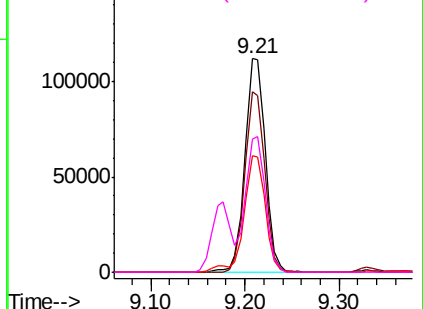
#55
 1,1,2-Trichloroethane
 Concen: 52.688 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

Tot Ion:	97	Resp:	169312
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.0
85	54.6	43.8	65.8
99	62.1	50.3	75.5

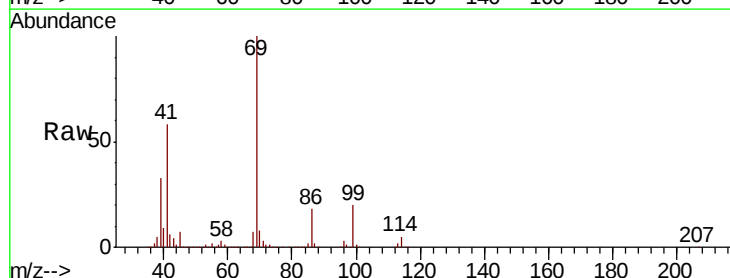


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

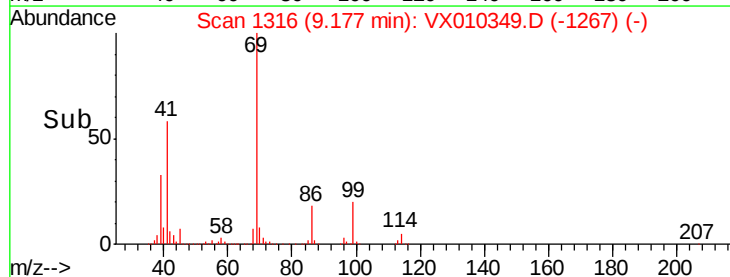
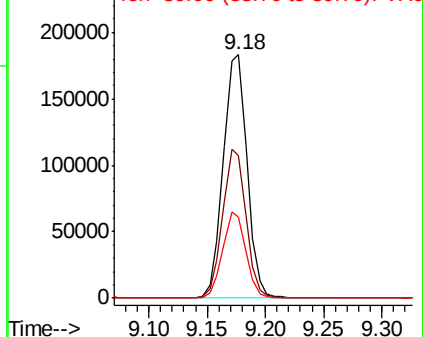


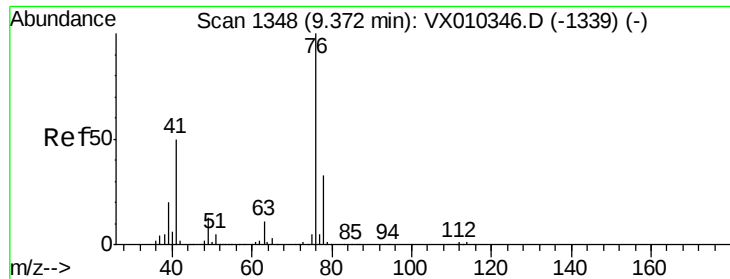
#56
 Ethyl methacrylate
 Concen: 53.409 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Tgt Ion:	69	Resp:	259998
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.1	70.7
39	34.3	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: 52.553 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

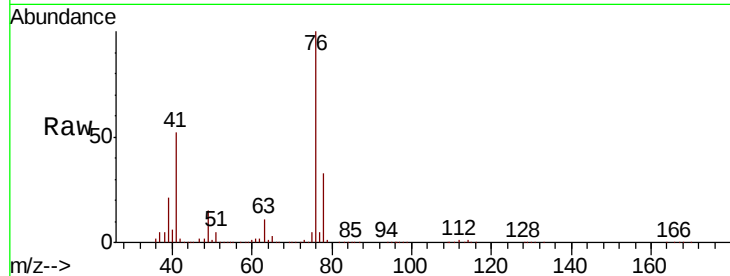
ICVVX061919

Tot Ion: 76 Resp: 262153

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

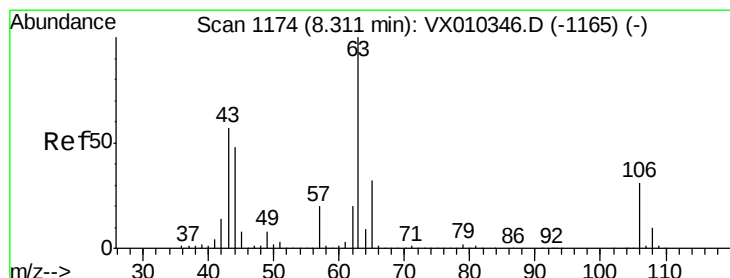
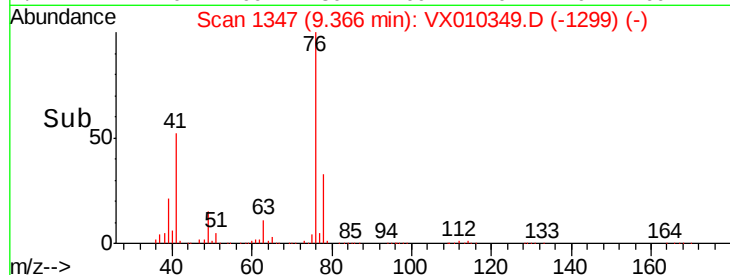
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 296.610 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010349.D

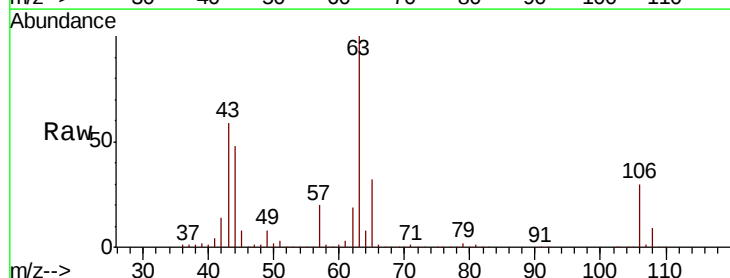
Acq: 19 Jun 2019 15:39

Tgt Ion: 63 Resp: 685750

Ion Ratio Lower Upper

63 100

106 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

300000

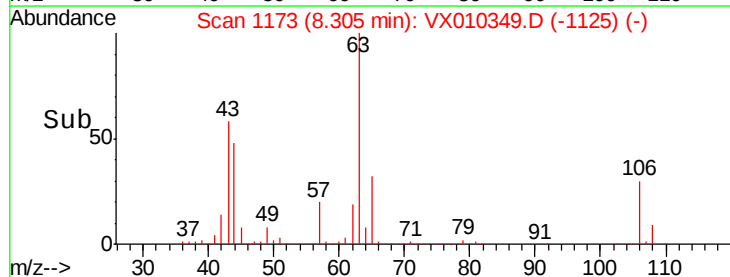
200000

100000

0

8.20 8.30 8.40

Time-->

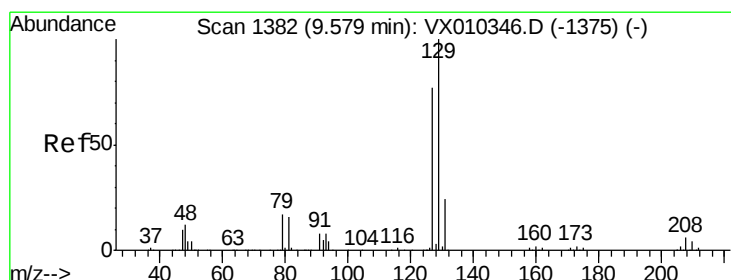
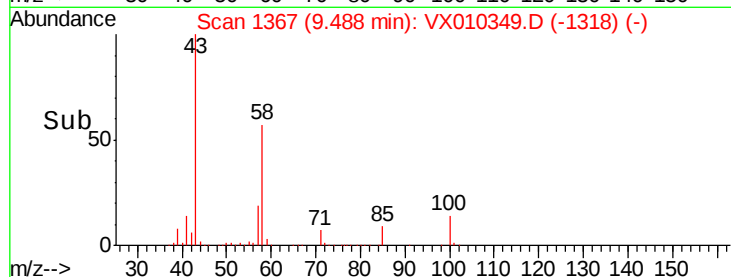
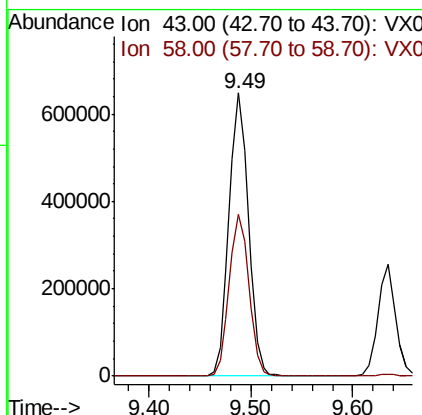
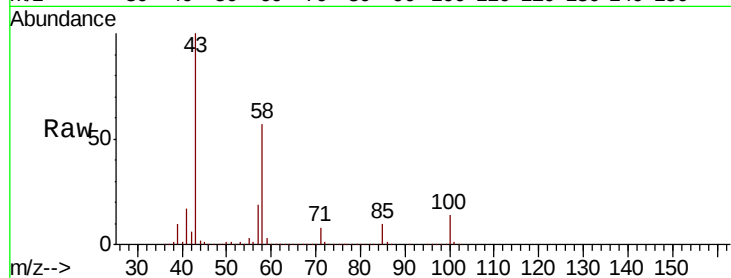




#59
2-Hexanone
Concen: 263.044 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

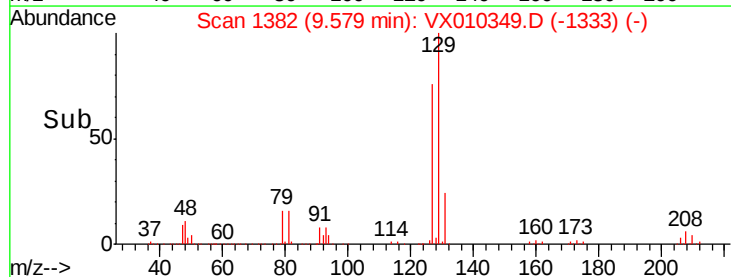
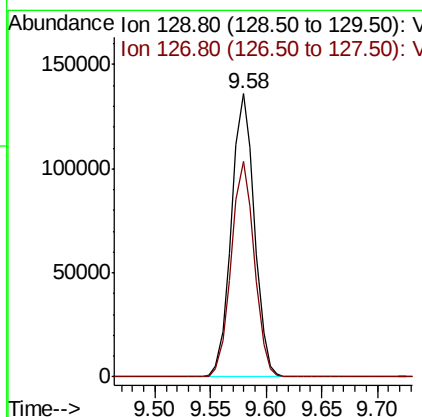
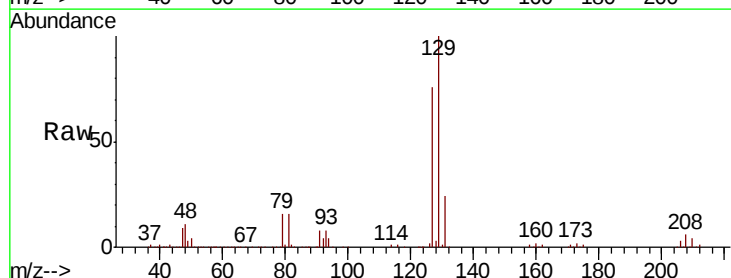
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion: 43 Resp: 855885
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1



#60
Dibromochloromethane
Concen: 54.164 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 129 Resp: 194886
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.696 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

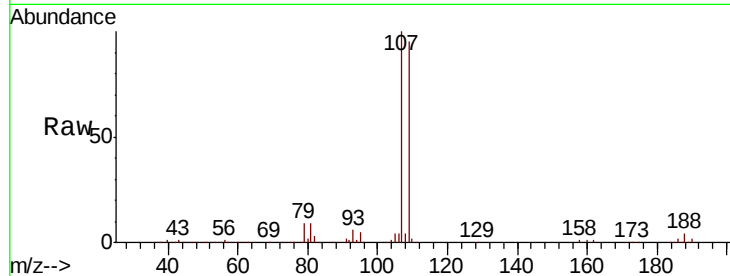
ICVVX061919

Tot Ion:107 Resp: 182781

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

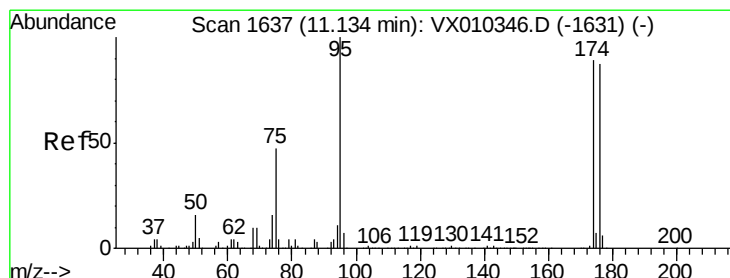
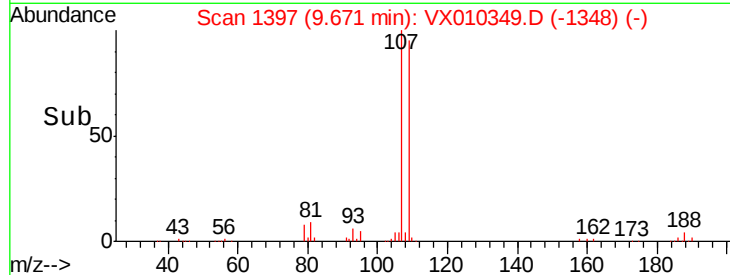
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

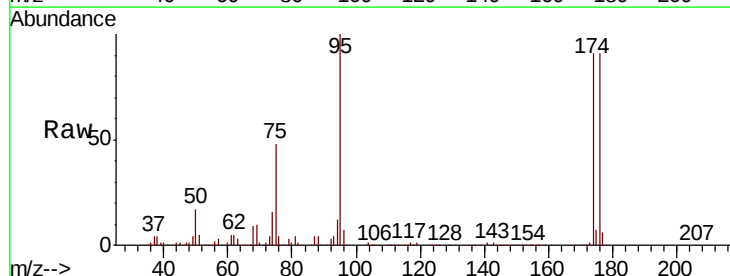
Tgt Ion: 95 Resp: 201589

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.6

176 91.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

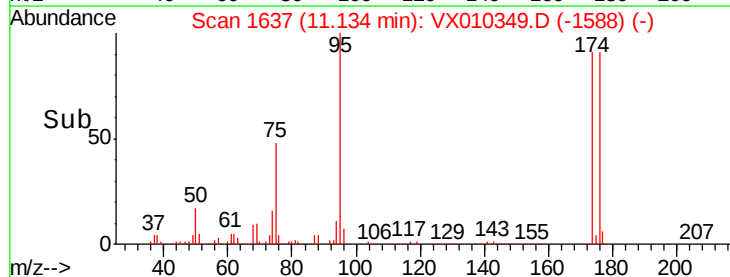
150000

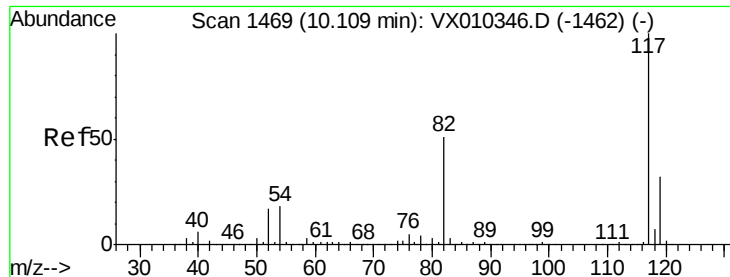
100000

50000

0

Time-->

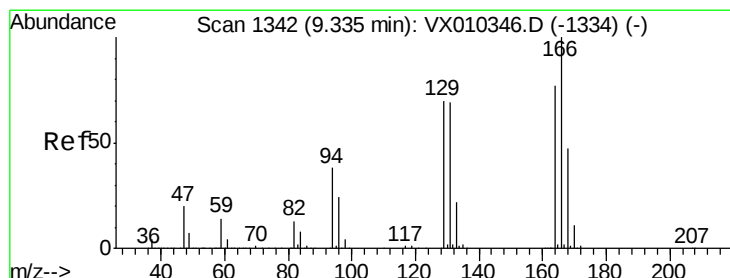
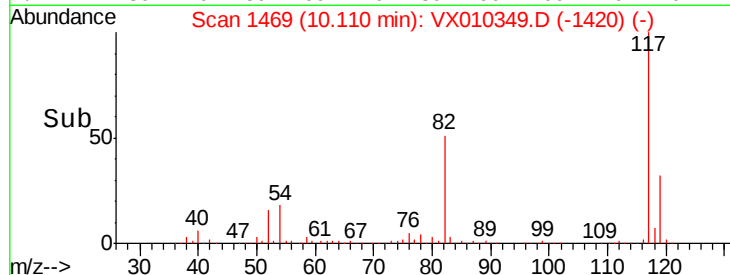
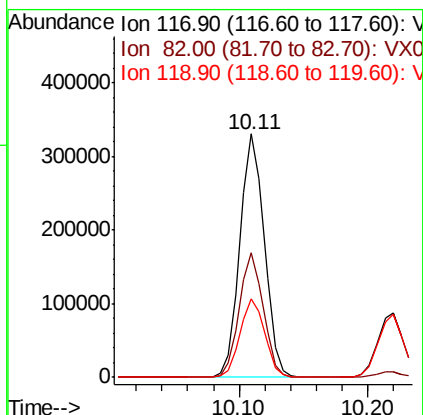
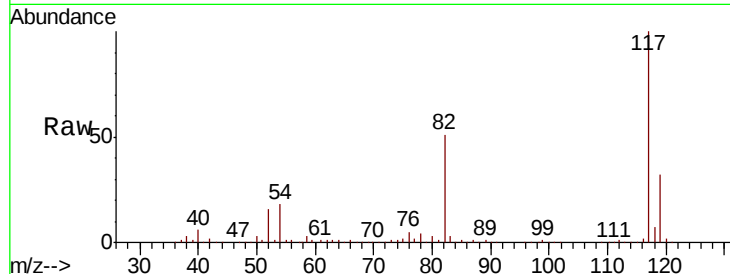




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

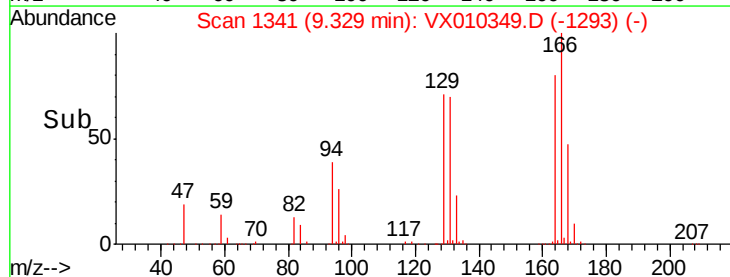
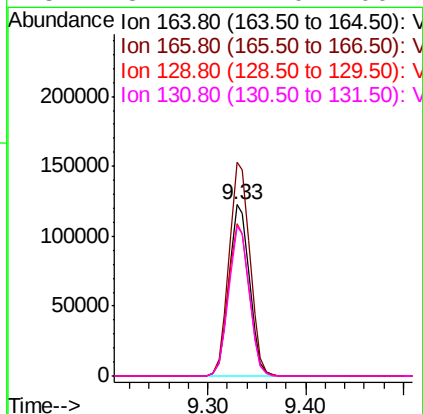
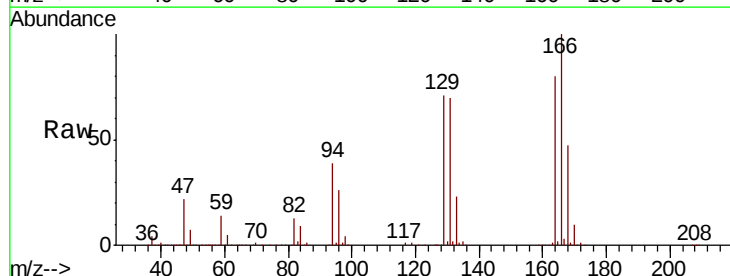
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

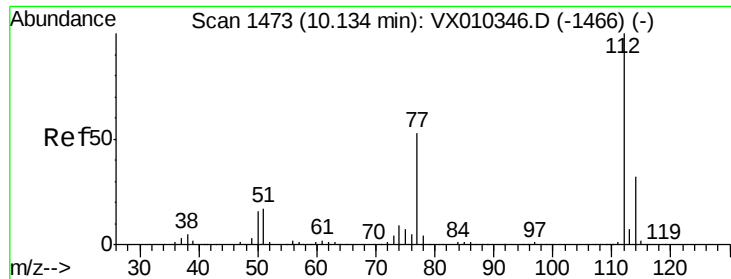
Tot Ion:117 Resp: 435226
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 50.767 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion:164 Resp: 178710
Ion Ratio Lower Upper
164 100
166 124.9 103.6 155.4
129 88.8 73.0 109.4
131 87.7 71.0 106.4

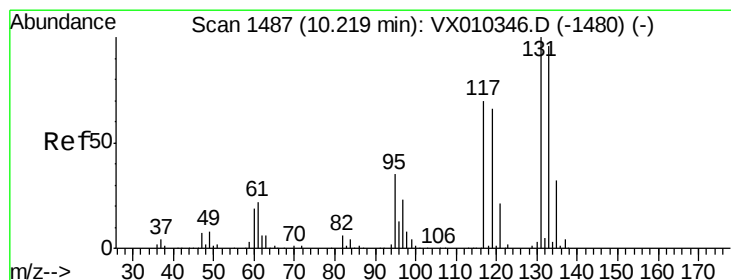
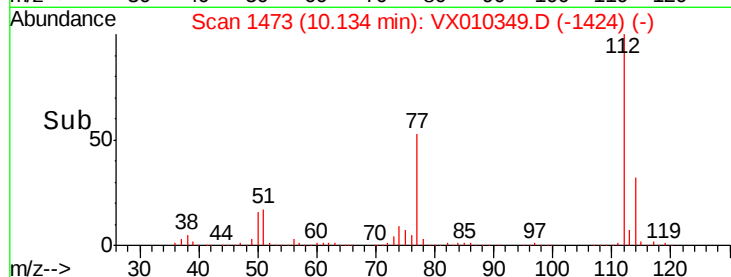
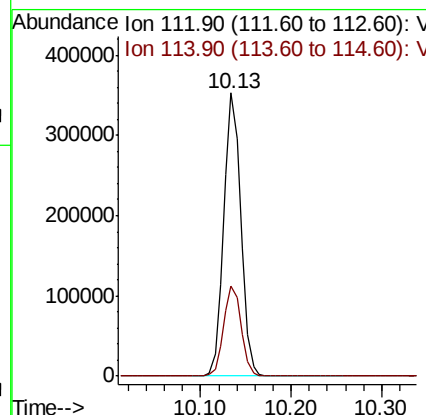
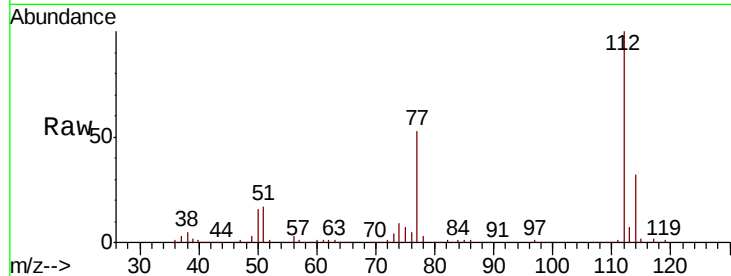




#65
Chlorobenzene
Concen: 52.866 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

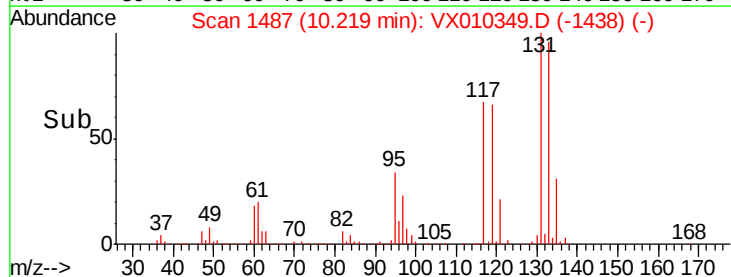
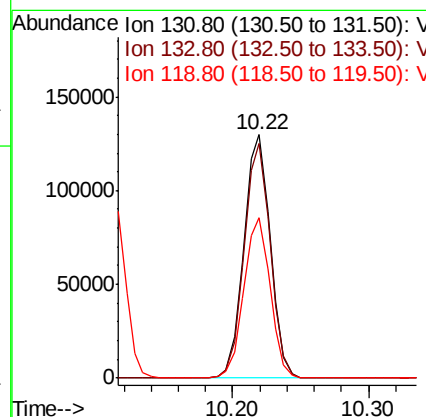
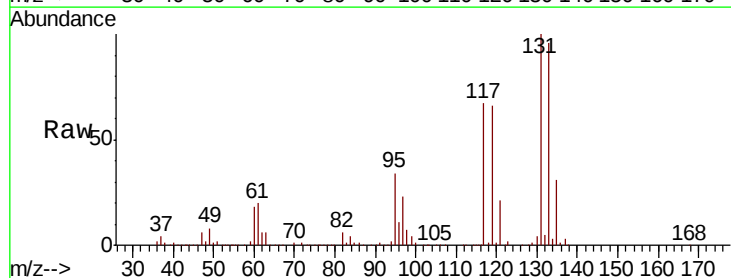
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

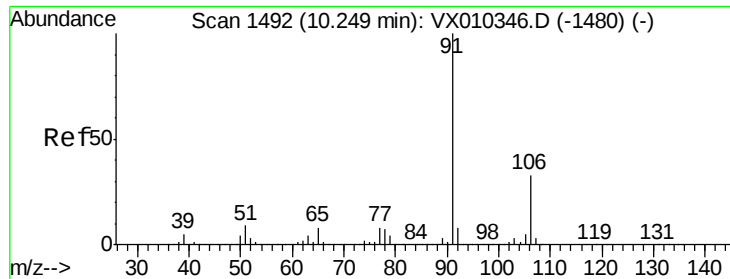
Tot Ion:112 Resp: 467124
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.458 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion:131 Resp: 175273
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.8 32.6 97.7

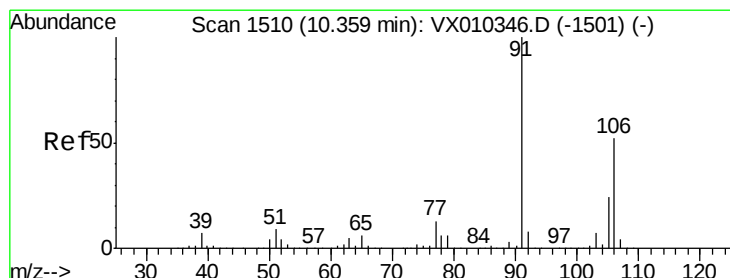
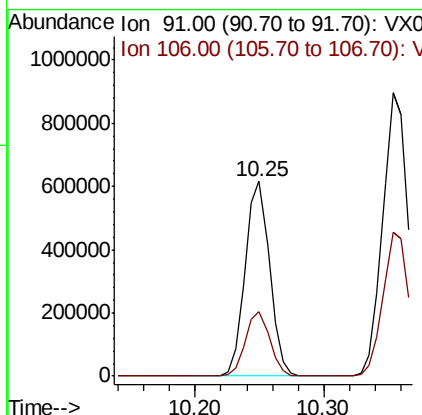
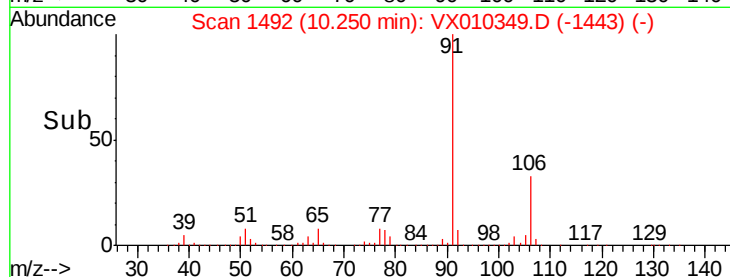
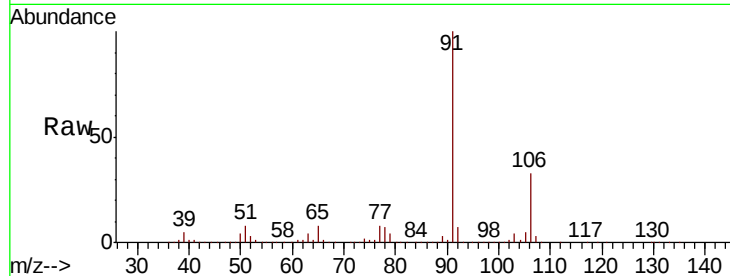




#67
Ethyl Benzene
Concen: 53.804 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

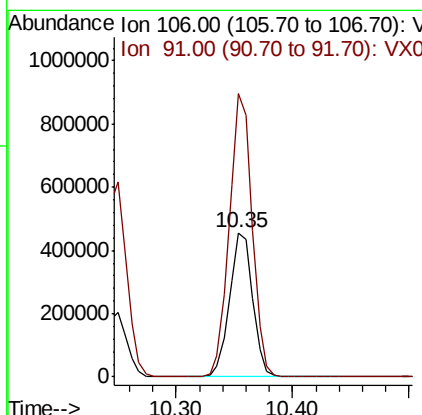
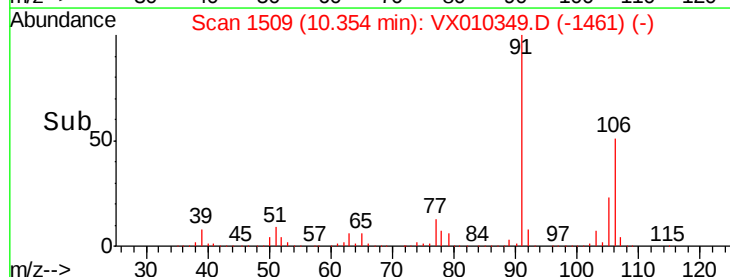
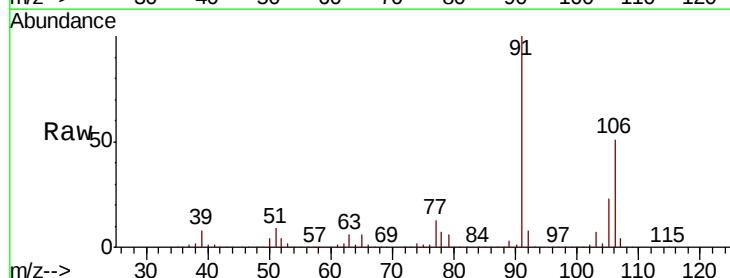
Instrument :
MSVOA_X
ClientSampled :
ICVX061919

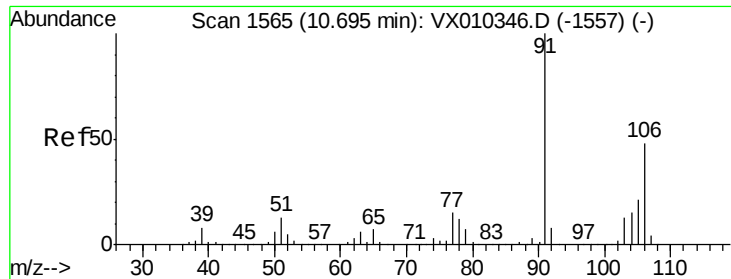
Tot Ion: 91 Resp: 802588
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2



#68
m/p-Xylenes
Concen: 109.021 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 106 Resp: 630136
Ion Ratio Lower Upper
106 100
91 194.3 155.3 232.9

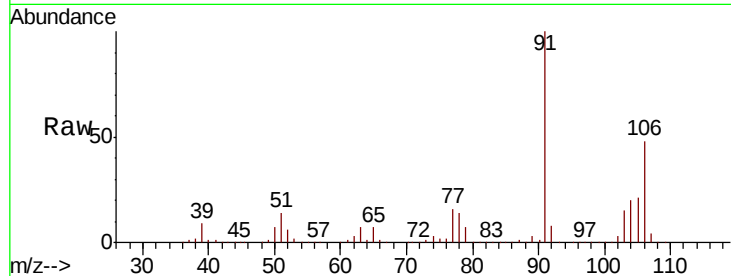




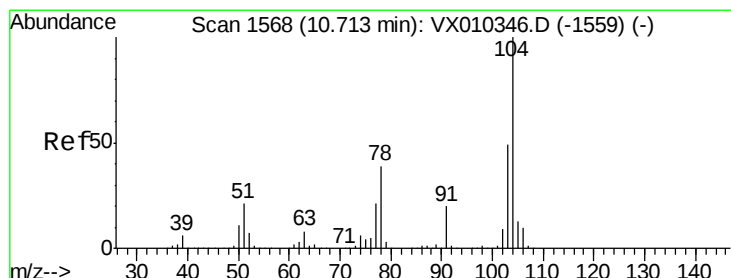
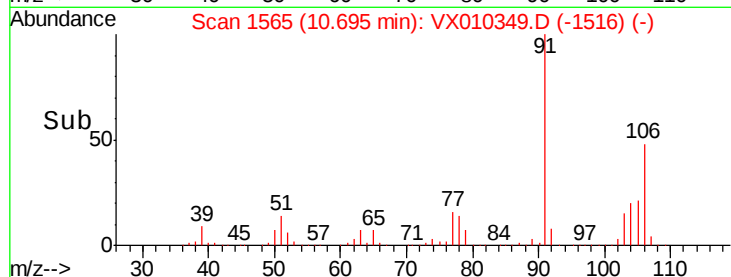
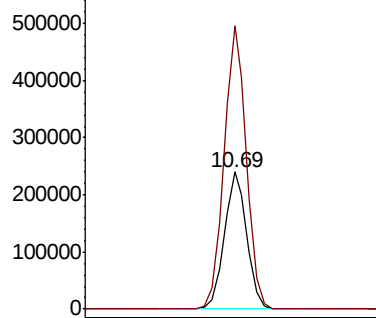
#69
o-Xylene
Concen: 53.721 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX061919

Tot Ion:106 Resp: 305352
Ion Ratio Lower Upper
106 100
91 205.5 102.7 308.1

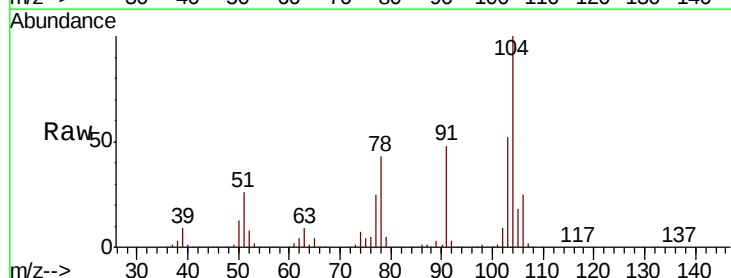


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

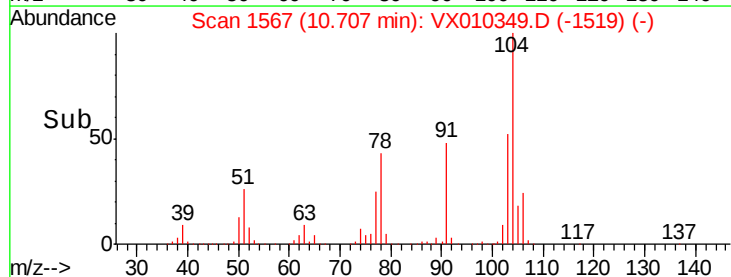
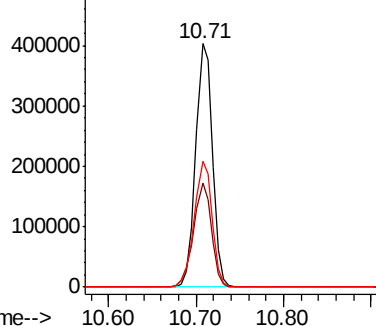


#70
Styrene
Concen: 55.705 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion:104 Resp: 531003
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.2
103 55.1 44.2 66.4



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





#71

Bromoform

Concen: 56.461 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

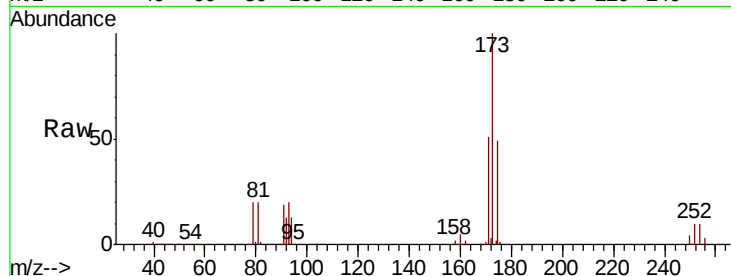
Tot Ion:173 Resp: 158029

Ion Ratio Lower Upper

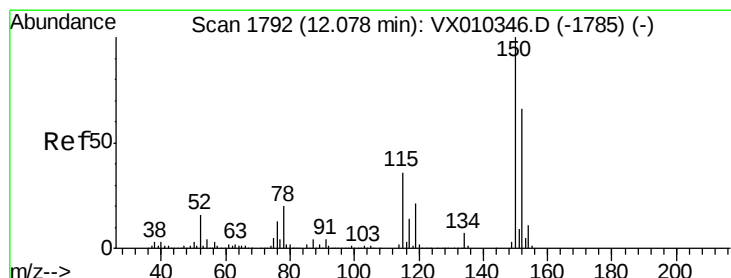
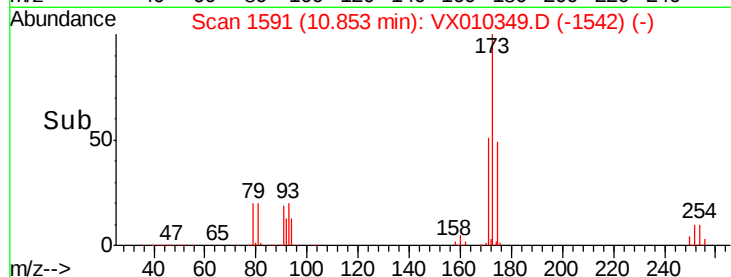
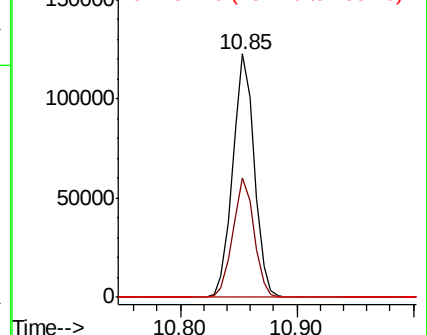
173 100

175 48.7 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

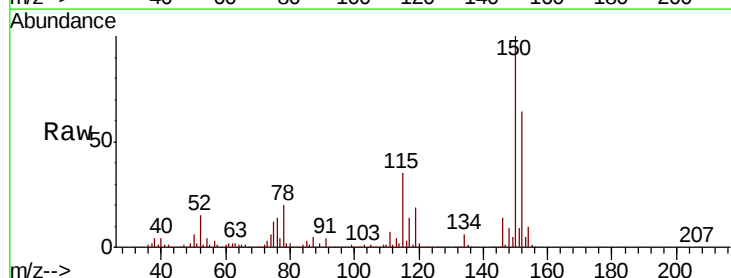
Tgt Ion:152 Resp: 232840

Ion Ratio Lower Upper

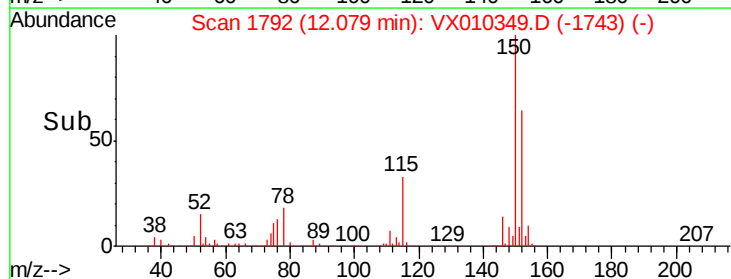
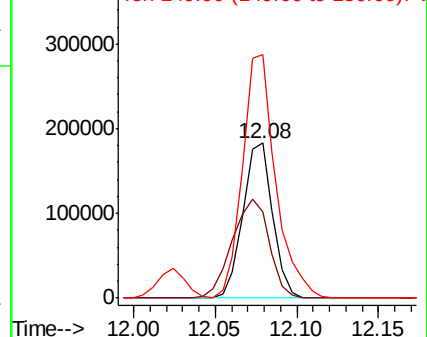
152 100

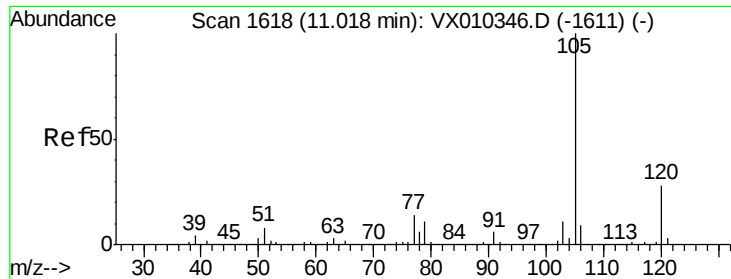
115 79.8 38.6 115.7

150 174.6 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: 51.703 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

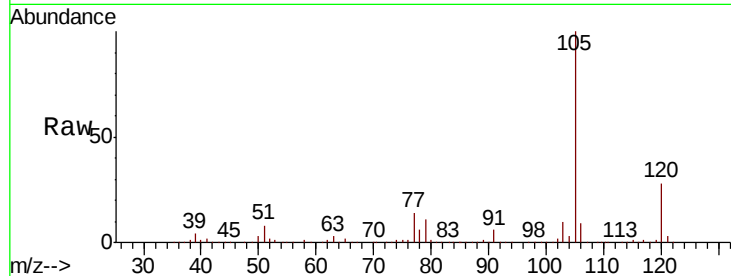
ICVVX061919

Tot Ion:105 Resp: 816070

Ion Ratio Lower Upper

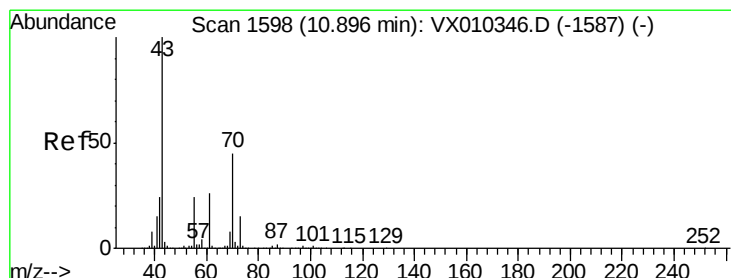
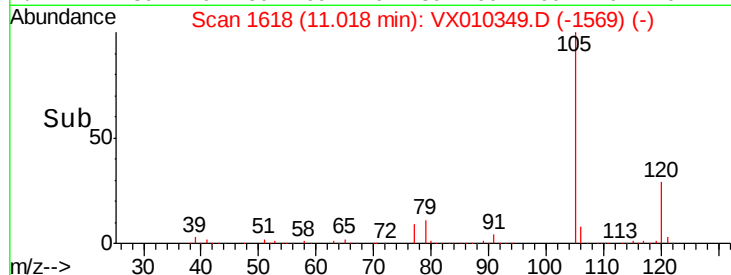
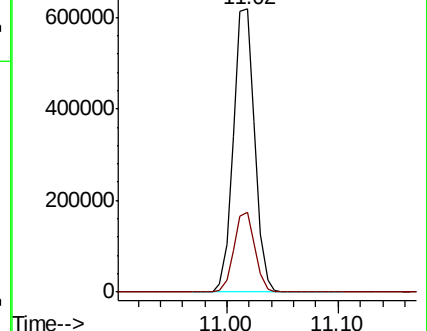
105 100

120 27.7 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-ethyl acetate

Concen: 53.536 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Tgt Ion: 43 Resp: 319342

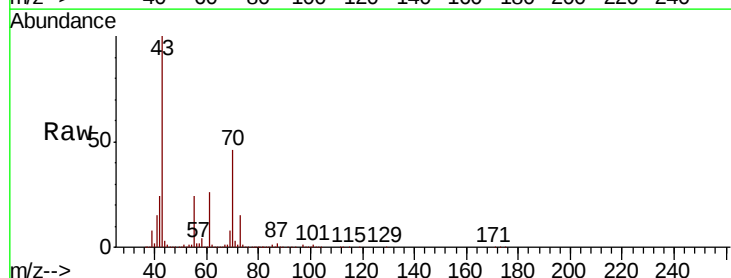
Ion Ratio Lower Upper

43 100

70 45.1 36.6 54.8

55 23.4 18.7 28.1

61 25.4 20.6 31.0

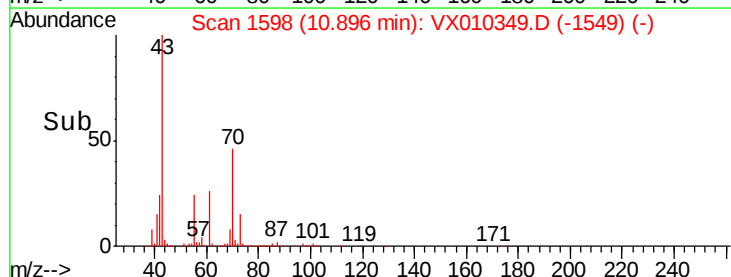
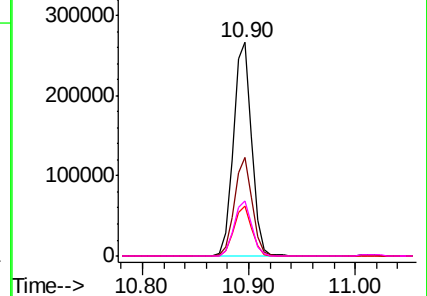


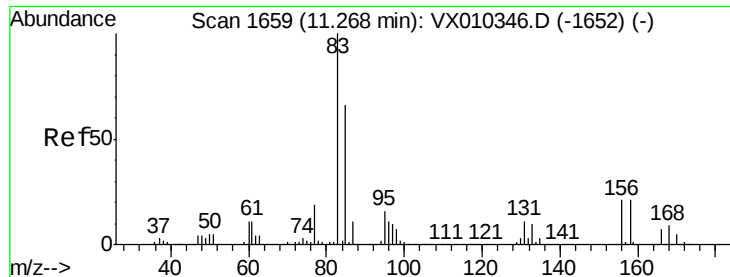
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.132 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

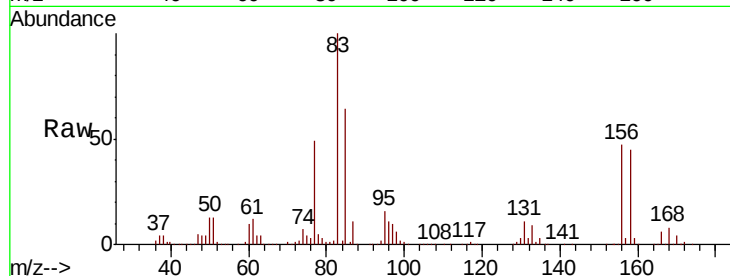
Tot Ion: 83 Resp: 262049

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

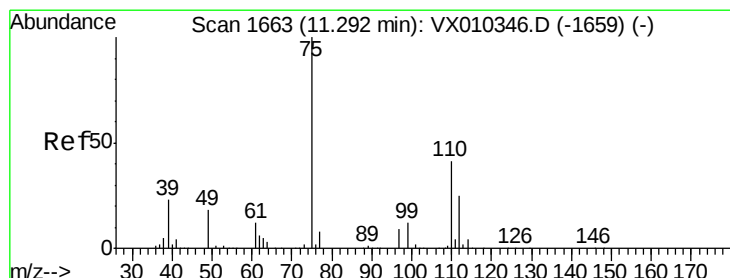
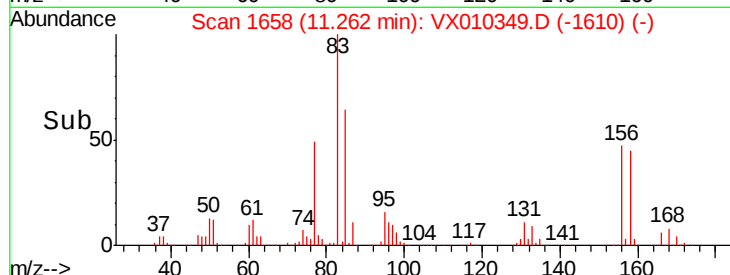
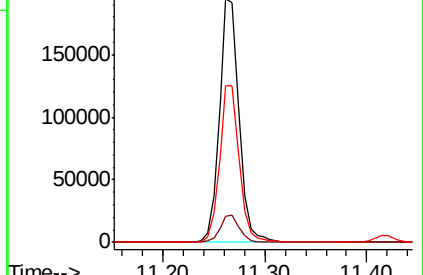
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.107 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010349.D

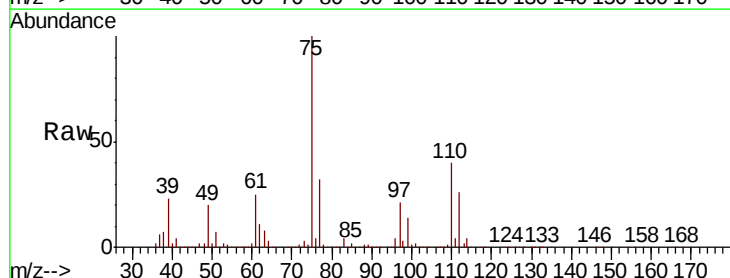
Acq: 19 Jun 2019 15:39

Tgt Ion: 75 Resp: 305948

Ion Ratio Lower Upper

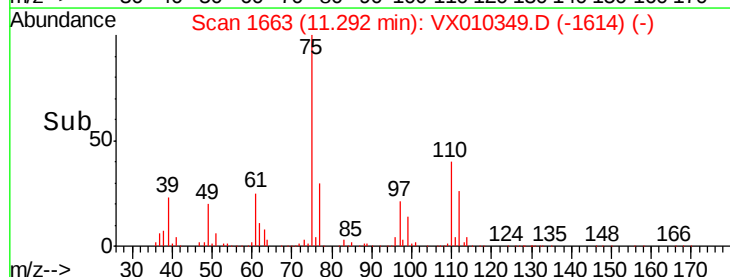
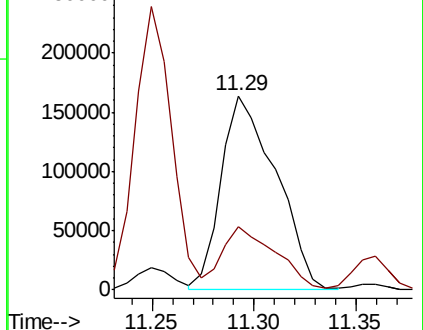
75 100

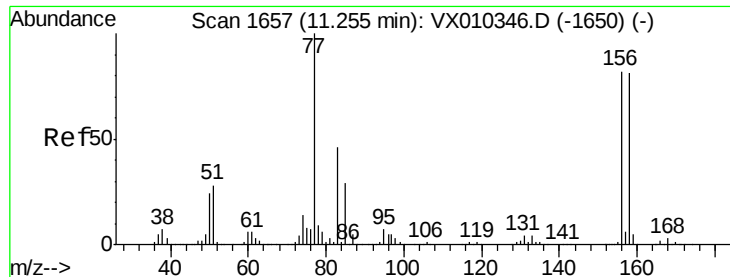
77 31.7 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.180 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

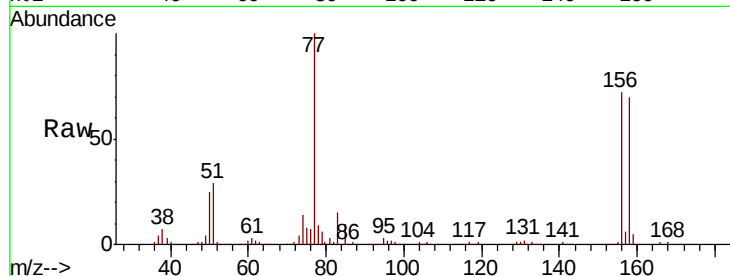
Tot Ion:156 Resp: 225563

Ion Ratio Lower Upper

156 100

77 132.9 66.3 198.7

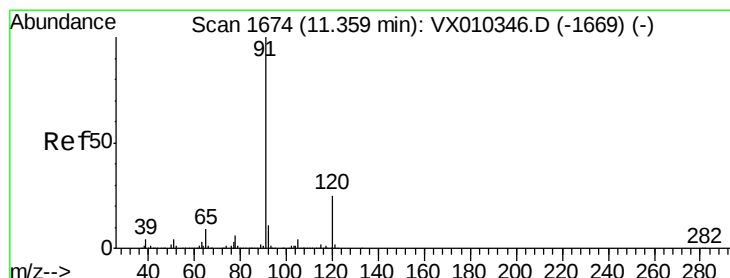
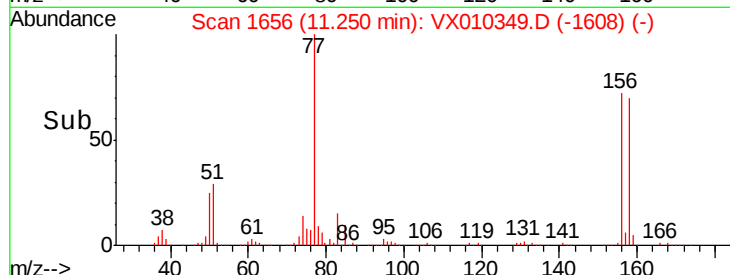
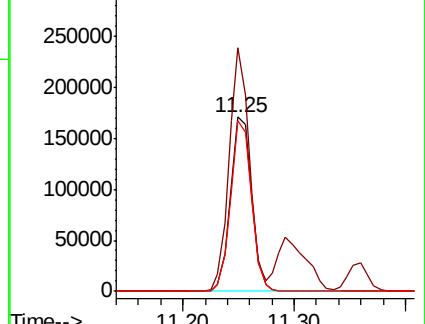
158 95.9 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.683 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010349.D

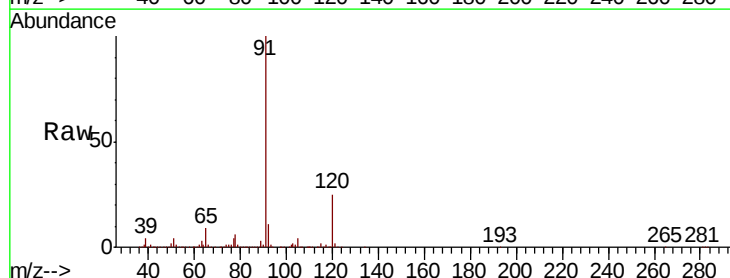
Acq: 19 Jun 2019 15:39

Tgt Ion: 91 Resp: 931238

Ion Ratio Lower Upper

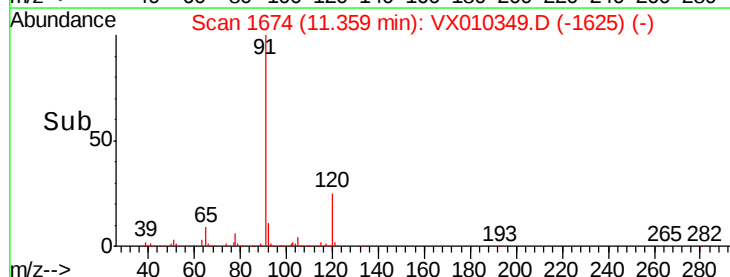
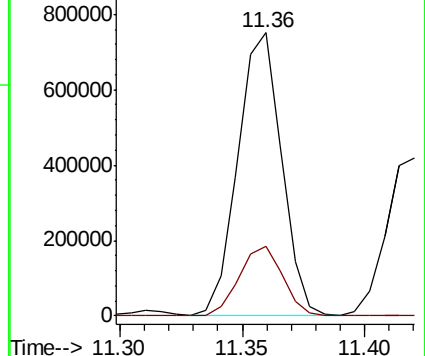
91 100

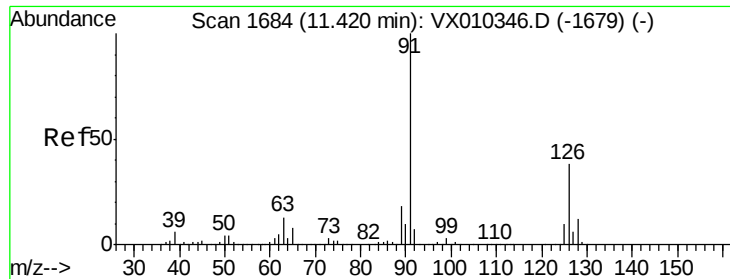
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

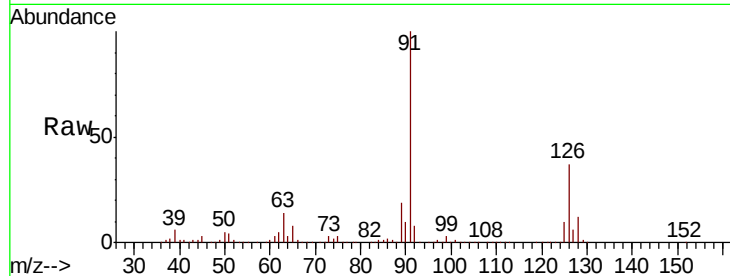




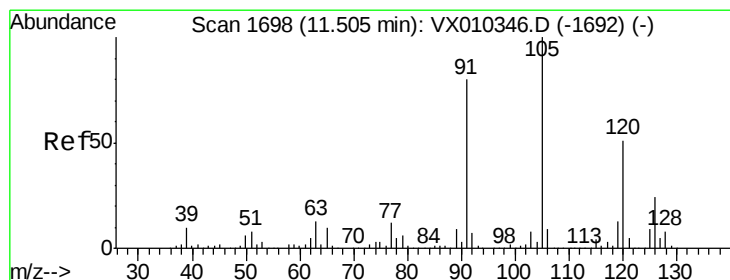
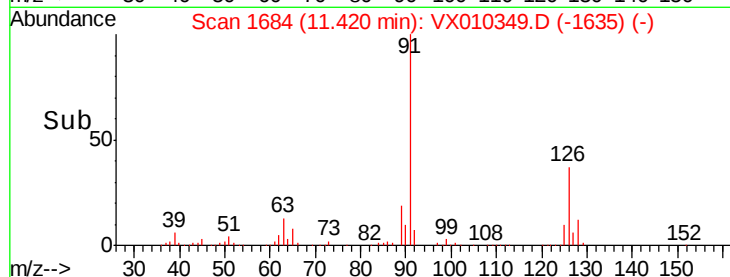
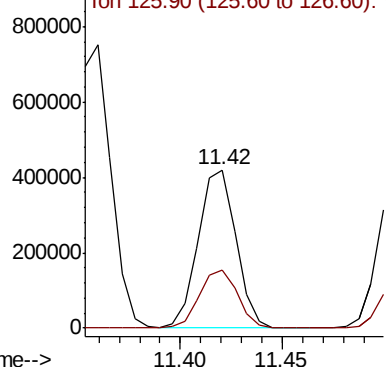
#79
 2-Chlorotoluene
 Concen: 51.948 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

Tot Ion: 91 Resp: 536602
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

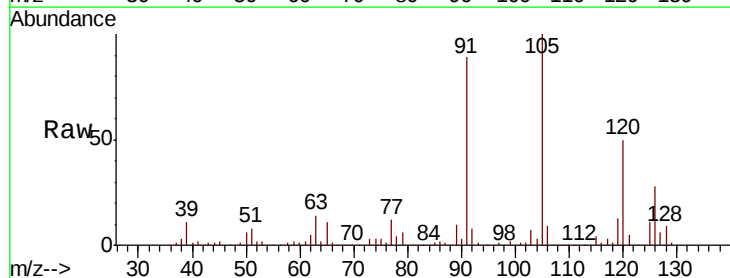


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

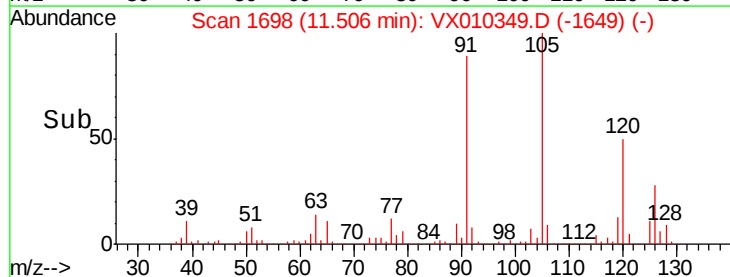
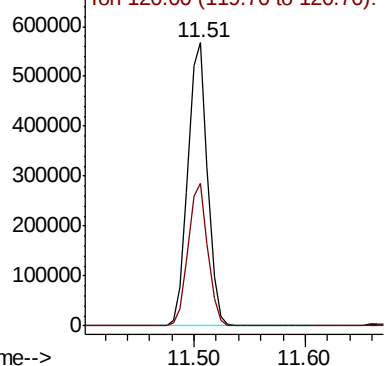


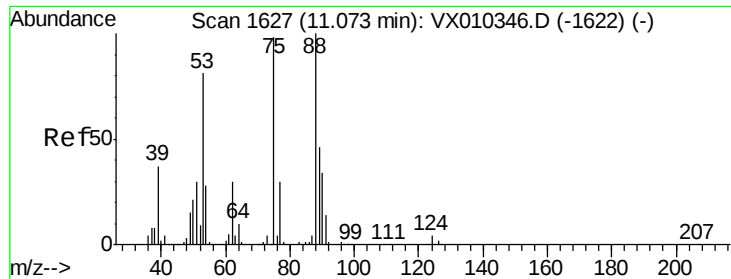
#80
 1,3,5-Trimethylbenzene
 Concen: 53.146 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Tgt Ion:105 Resp: 691516
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



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

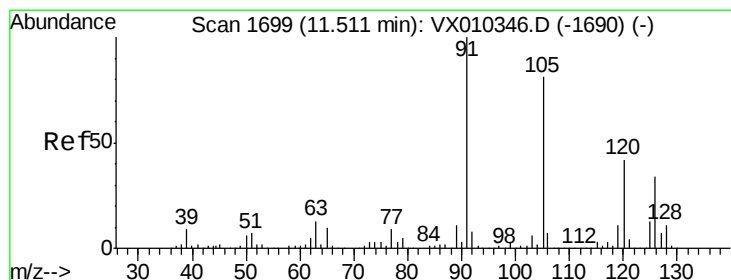
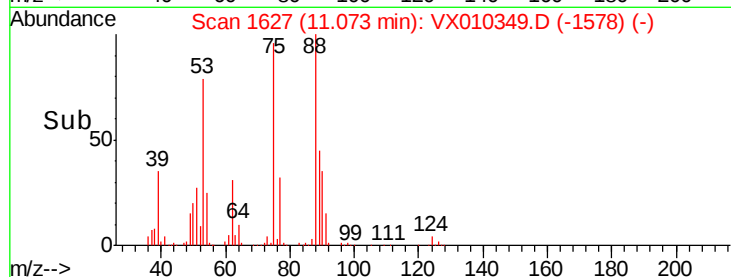
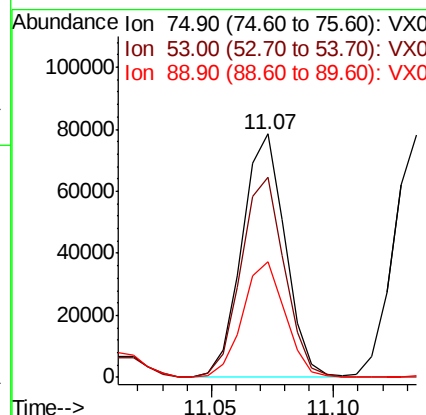
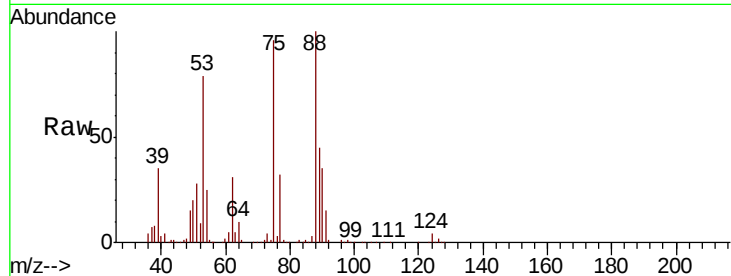




#81
trans-1,4-Dichloro-2-butene
Concen: 52.953 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

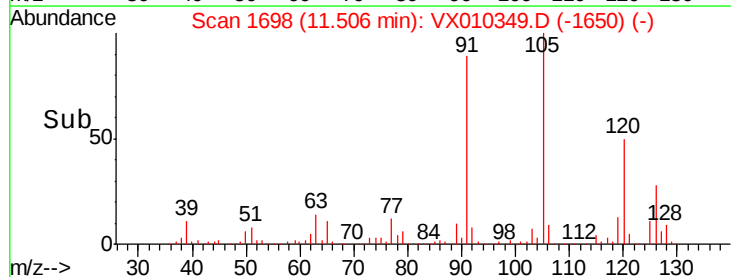
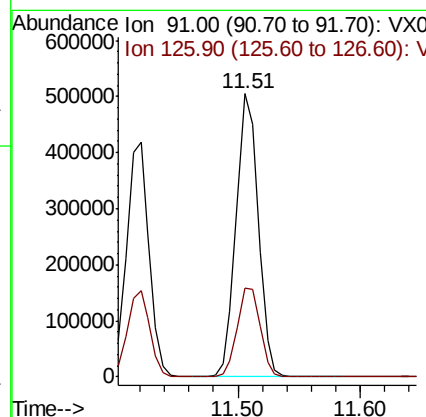
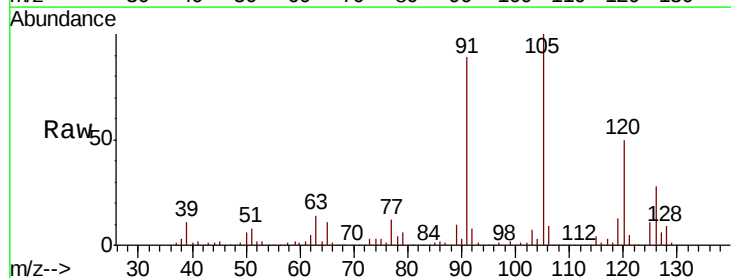
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion: 75 Resp: 96309
Ion Ratio Lower Upper
75 100
53 82.6 66.1 99.1
89 47.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 53.453 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 91 Resp: 628289
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 53.013 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

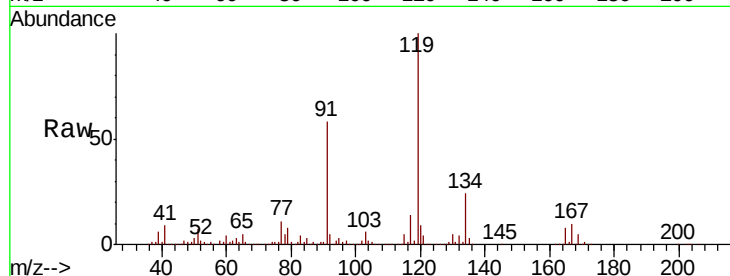
Tot Ion:119 Resp: 692328

Ion Ratio Lower Upper

119 100

91 55.2 27.6 82.7

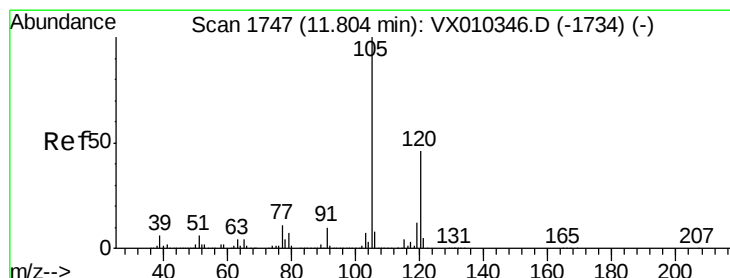
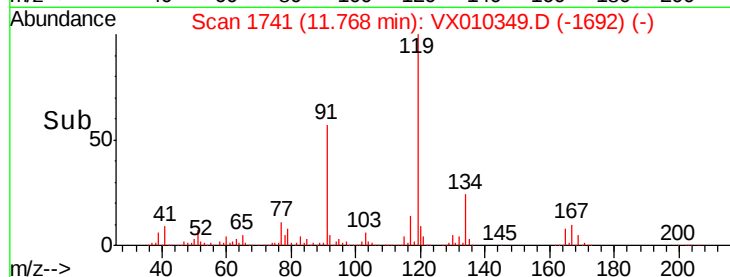
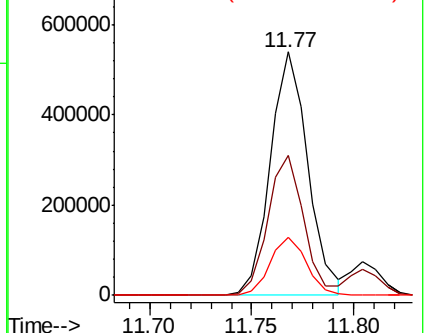
134 23.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.605 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010349.D

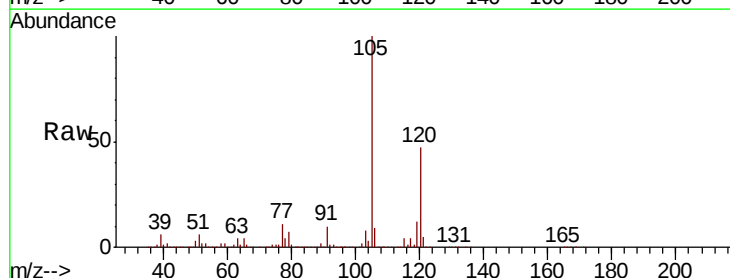
Acq: 19 Jun 2019 15:39

Tgt Ion:105 Resp: 700760

Ion Ratio Lower Upper

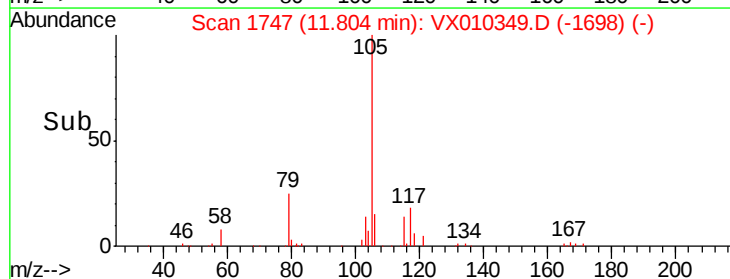
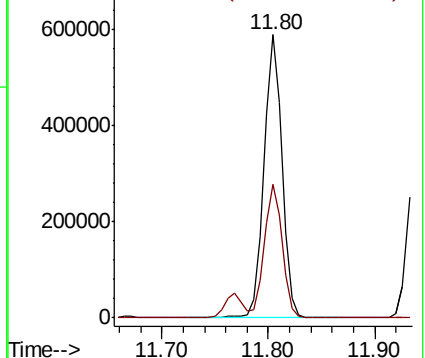
105 100

120 46.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.867 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

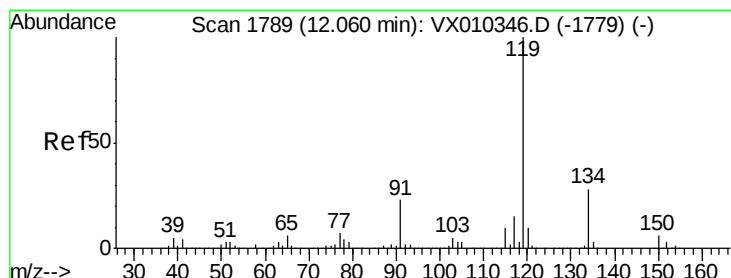
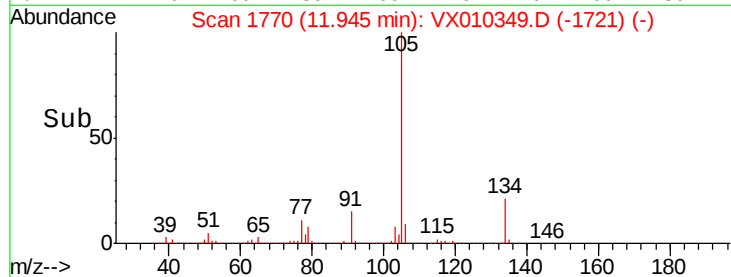
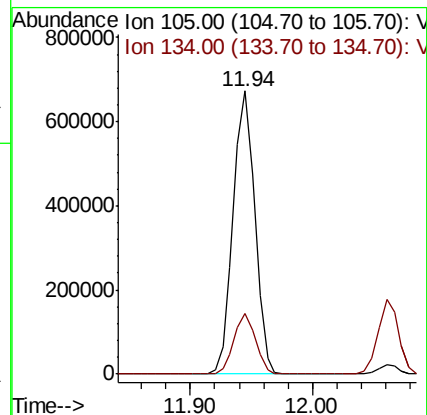
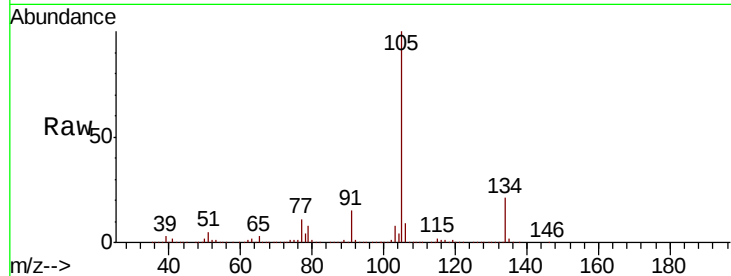
ICVVX061919

Tot Ion:105 Resp: 825984

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 54.459 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

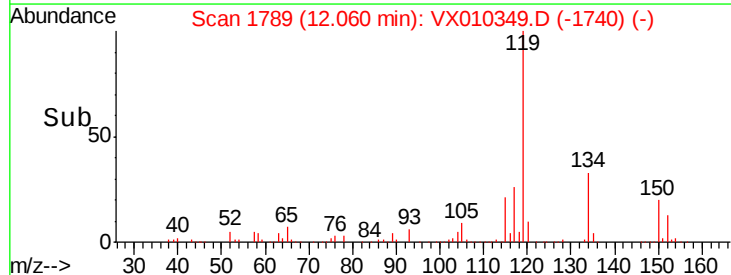
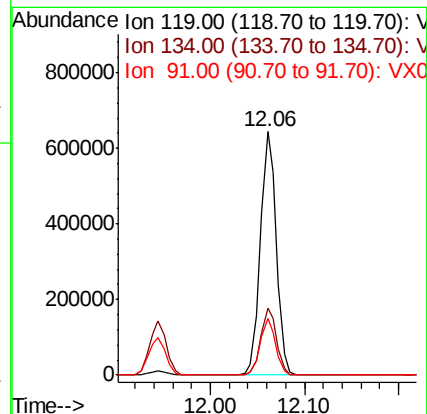
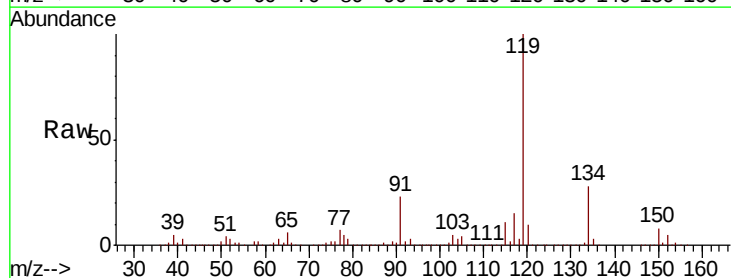
Tgt Ion:119 Resp: 772413

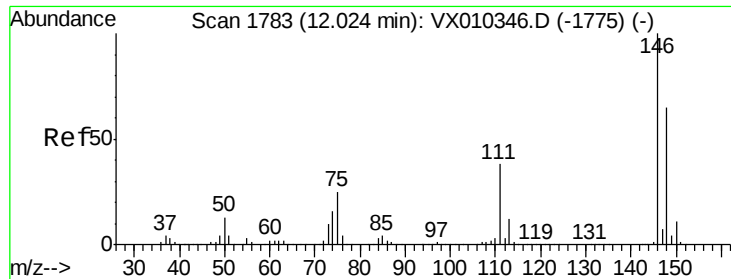
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 53.007 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVX061919

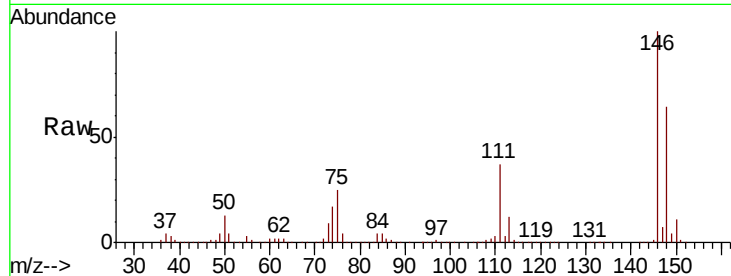
Tot Ion:146 Resp: 407791

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

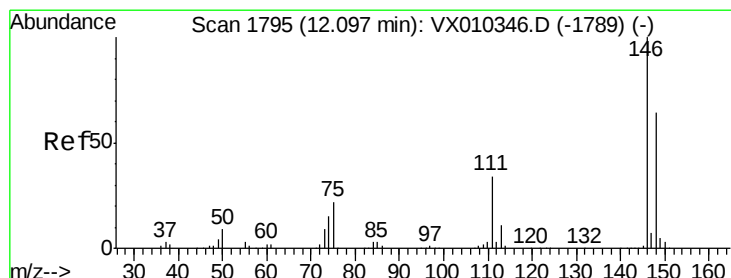
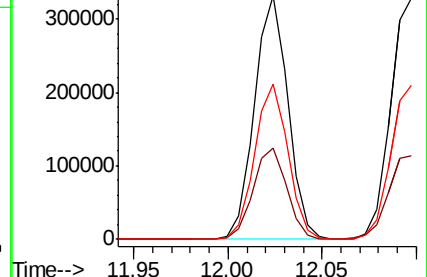
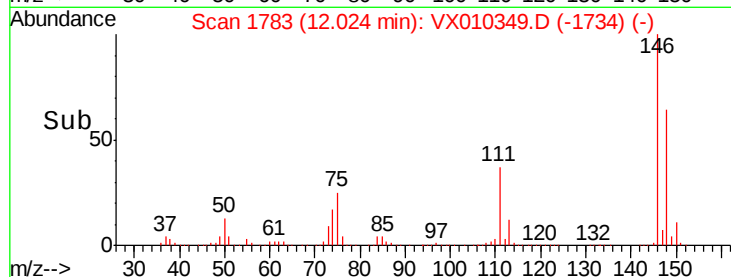
148 63.4 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 51.990 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

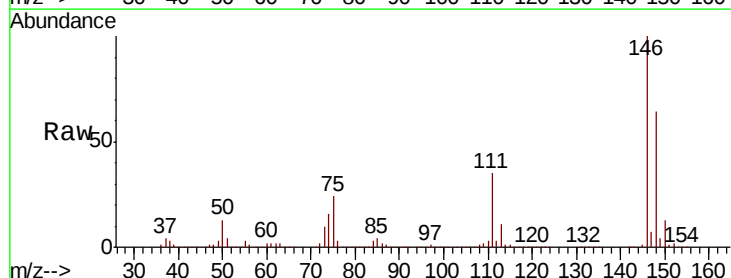
Tgt Ion:146 Resp: 407186

Ion Ratio Lower Upper

146 100

111 36.5 18.1 54.3

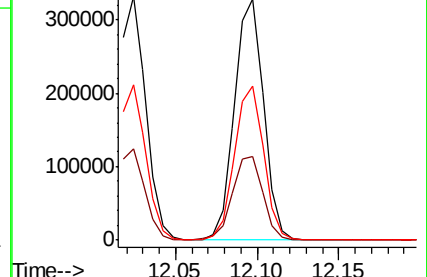
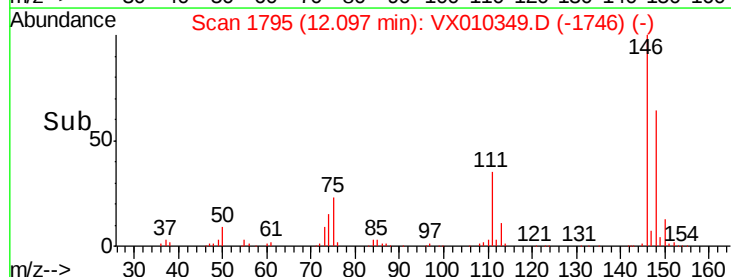
148 64.0 32.1 96.3

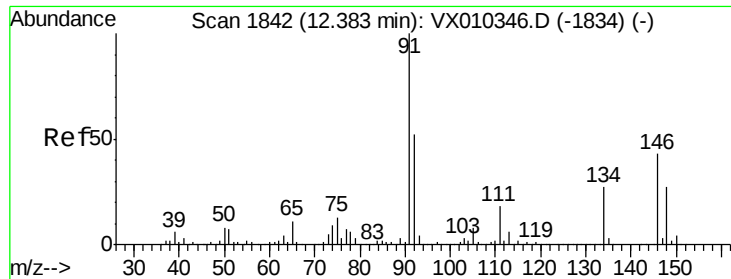


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

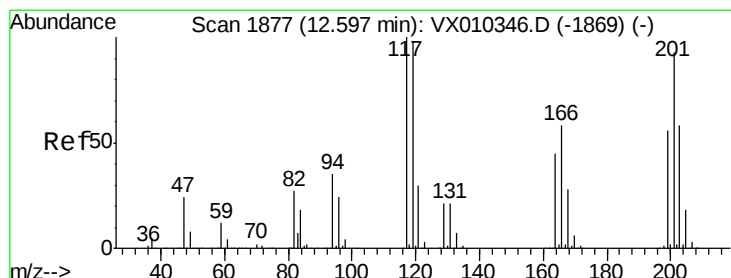
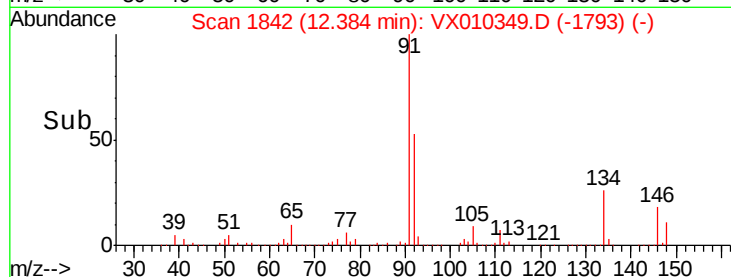
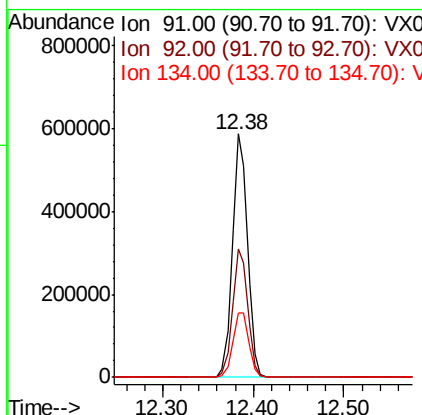
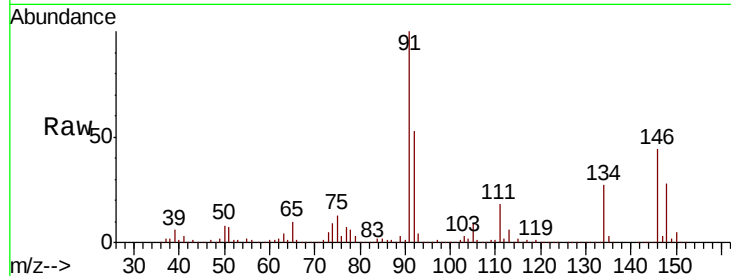




#89
n-Butylbenzene
Concen: 57.084 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

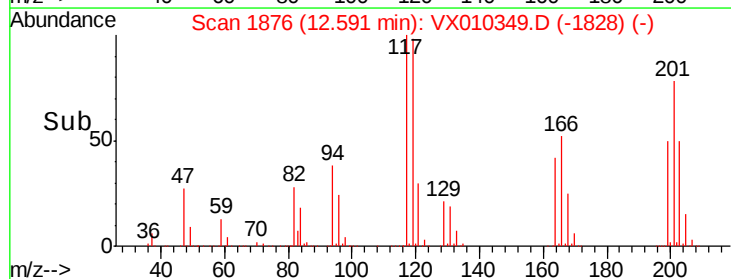
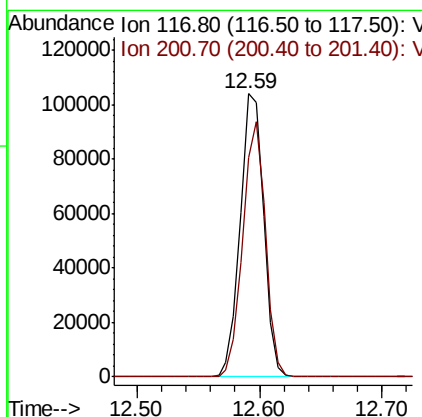
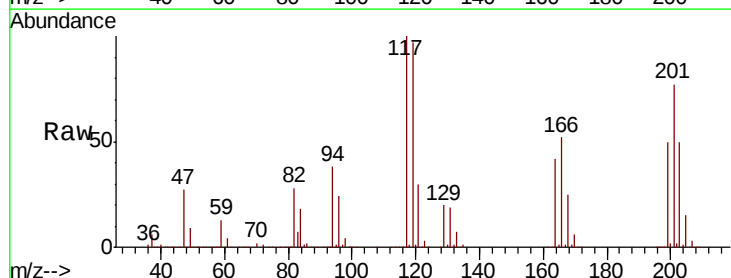
Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion: 91 Resp: 687999
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 28.1 14.1 42.4



#90
Hexachloroethane
Concen: 56.131 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion: 117 Resp: 137660
Ion Ratio Lower Upper
117 100
201 87.1 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 51.395 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX061919

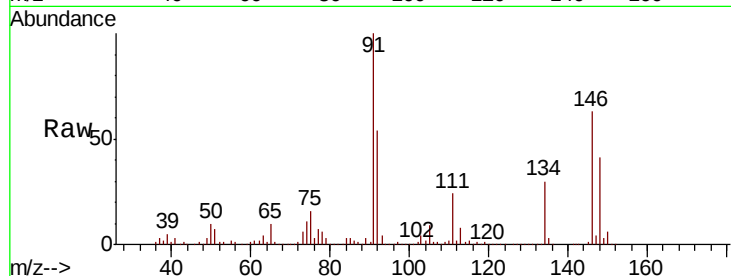
Tot Ion:146 Resp: 392963

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

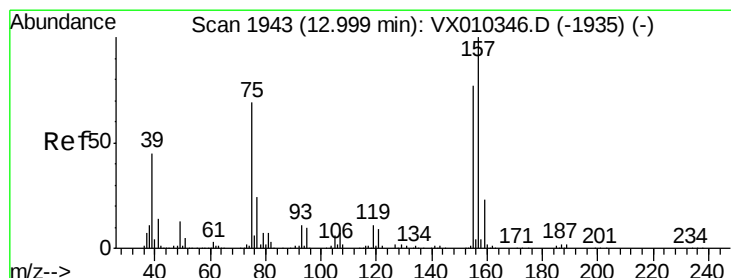
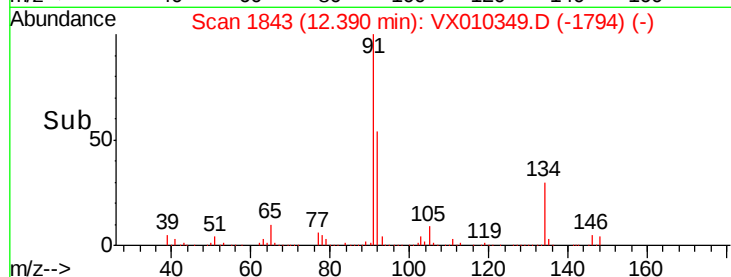
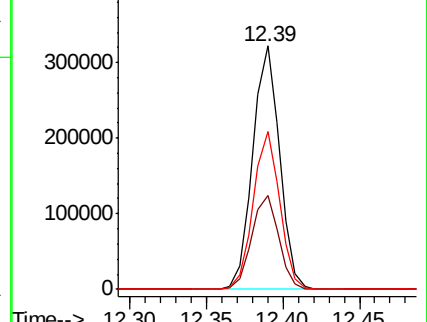
148 64.0 32.0 96.0



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: 49.213 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010349.D

Acq: 19 Jun 2019 15:39

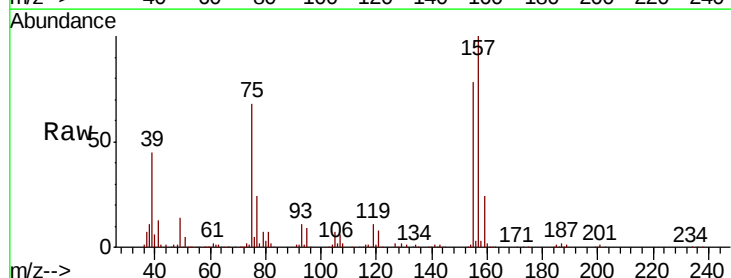
Tgt Ion: 75 Resp: 55463

Ion Ratio Lower Upper

75 100

155 106.4 54.4 163.1

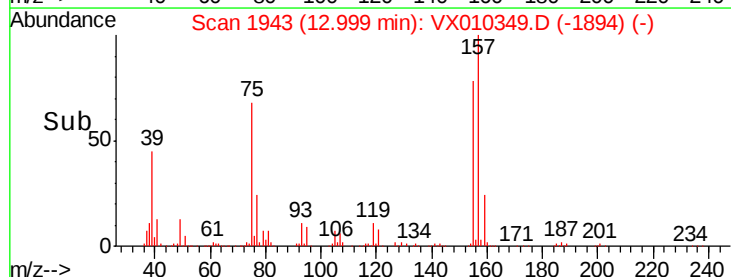
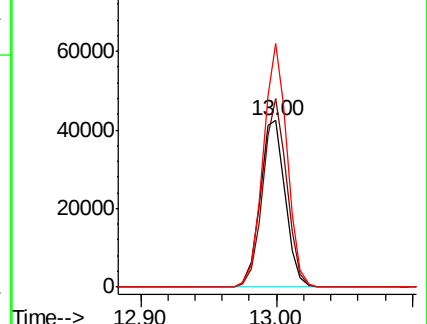
157 137.9 69.5 208.3



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

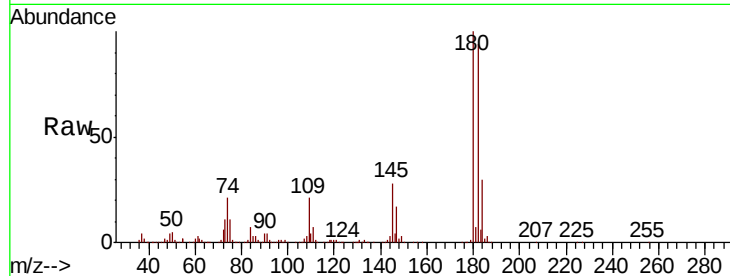




#93
 1,2,4-Trichlorobenzene
 Concen: 55.030 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061919

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.0
145	28.8	14.4	43.4

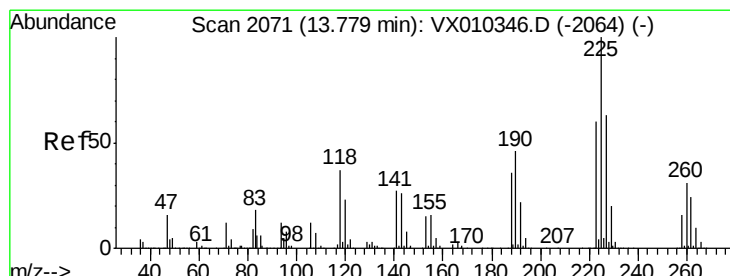
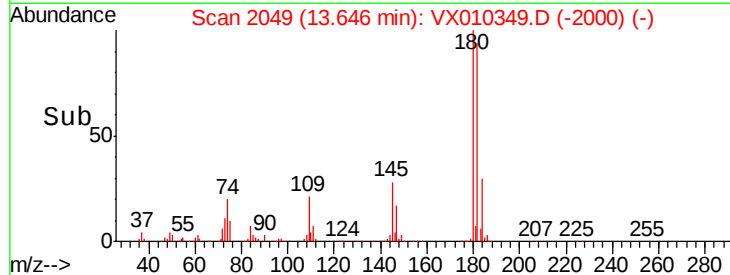
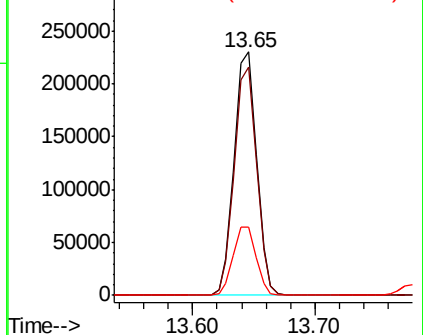


Abundance

Ion 179.80 (179.50 to 180.50): V

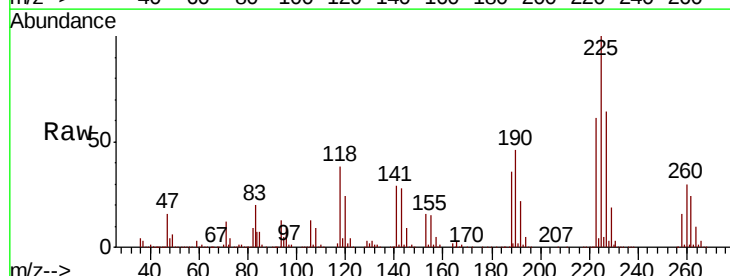
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 54.149 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010349.D
 Acq: 19 Jun 2019 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.7
227	63.7	31.9	95.5

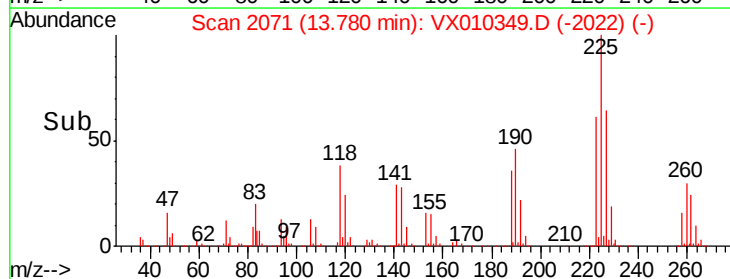
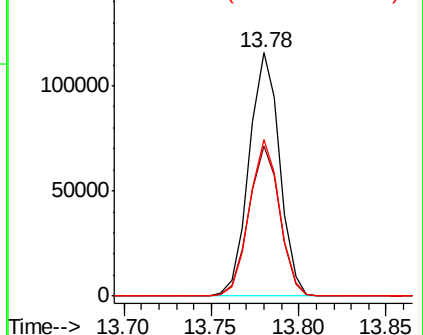


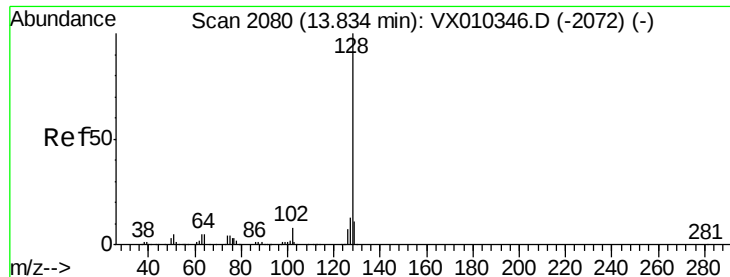
Abundance

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

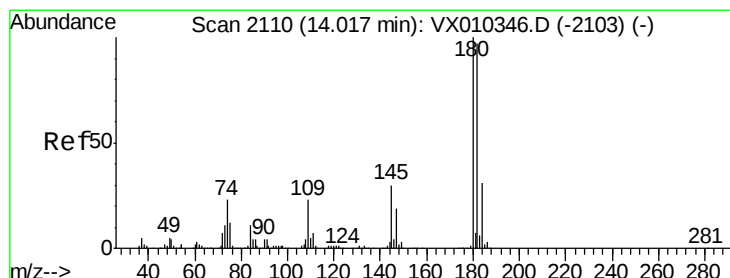
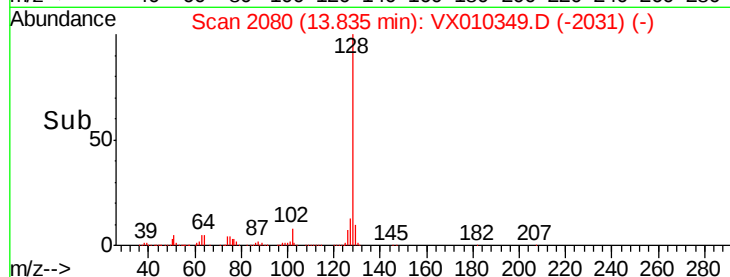
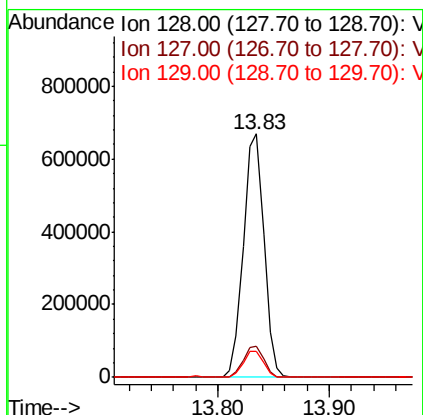
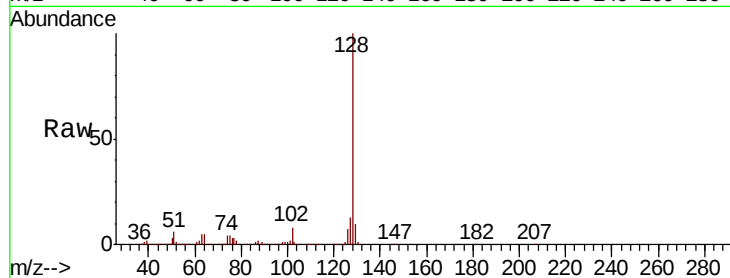




#95
Naphthalene
Concen: 52.666 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061919

Tot Ion:128 Resp: 858164
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.473 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010349.D
Acq: 19 Jun 2019 15:39

Tgt Ion:180 Resp: 281907
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 31.1 15.2 45.6

