

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010351.D
 Acq On : 20 Jun 2019 10:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 01:19:52 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	303032	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	443380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208950	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	139278	49.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.04%	
35) Dibromofluoromethane	5.49	113	138379	51.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	527574	50.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	192974	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	113289	53.774	ug/l	99
3) Chloromethane	1.32	50	125491	51.154	ug/l	99
4) Vinyl Chloride	1.40	62	138639	51.596	ug/l	98
5) Bromomethane	1.64	94	68245	52.133	ug/l	100
6) Chloroethane	1.71	64	82508	52.047	ug/l	100
7) Trichlorofluoromethane	1.93	101	229520	53.884	ug/l	98
8) Diethyl Ether	2.18	74	81971	53.663	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136374	52.832	ug/l	98
10) Methyl Iodide	2.51	142	190872	51.813	ug/l	100
11) Tert butyl alcohol	3.04	59	184453	248.102	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128509	48.926	ug/l	91
13) Acrolein	2.29	56	113746	230.633	ug/l	100
14) Allyl chloride	2.73	41	204748	54.906	ug/l	99
15) Acrylonitrile	3.14	53	389241	264.437	ug/l	99
16) Acetone	2.44	43	387658	272.244	ug/l	98
17) Carbon Disulfide	2.57	76	372736	52.894	ug/l	100
18) Methyl Acetate	2.77	43	148434	52.303	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	443774	53.706	ug/l	99
20) Methylene Chloride	2.85	84	156187	53.299	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	152555	54.003	ug/l	95
22) Diisopropyl ether	3.85	45	415467	53.288	ug/l	89
23) Vinyl Acetate	3.81	43	1861979	276.447	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242755	53.865	ug/l	99
25) 2-Butanone	4.67	43	561825	268.979	ug/l	99
26) 2,2-Dichloropropane	4.57	77	218774	55.882	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	174879	53.571	ug/l	99
28) Bromochloromethane	5.01	49	110009	51.055	ug/l	98
29) Tetrahydrofuran	5.12	42	341440	263.910	ug/l	99
30) Chloroform	5.21	83	255455	52.682	ug/l	98
31) Cyclohexane	5.57	56	225765	55.011	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	231631	54.099	ug/l	100
36) 1,1-Dichloropropene	5.79	75	191731	54.417	ug/l	99
37) Ethyl Acetate	4.82	43	199125	54.936	ug/l	100
38) Carbon Tetrachloride	5.78	117	212769	55.767	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010351.D
 Acq On : 20 Jun 2019 10:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 01:19:52 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)
39) Methylcyclohexane	7.46	83	264746	57.164	ug/l	97
40) Benzene	6.14	78	601585	54.805	ug/l	100
41) Methacrylonitrile	5.04	41	110363	55.492	ug/l	98
42) 1,2-Dichloroethane	6.19	62	186955	55.952	ug/l	100
43) Isopropyl Acetate	6.44	43	334356	55.754	ug/l	99
44) Trichloroethene	7.21	130	180972	55.098	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150996	54.472	ug/l	99
46) Dibromomethane	7.66	93	110264	55.442	ug/l	99
47) Bromodichloromethane	7.90	83	206063	56.537	ug/l	99
48) Methyl methacrylate	7.76	41	156442	56.123	ug/l	99
49) 1,4-Dioxane	7.73	88	86135	1072.668	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1047766	273.181	ug/l	100
52) Toluene	8.78	92	398080	55.070	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	232178	56.819	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	253697	57.131	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	165625	55.555	ug/l	98
56) Ethyl methacrylate	9.18	69	253820	56.202	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252921	54.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	604733	281.944	ug/l	99
59) 2-Hexanone	9.49	43	846248	280.343	ug/l	100
60) Dibromochloromethane	9.58	129	192275	57.602	ug/l	99
61) 1,2-Dibromoethane	9.67	107	179157	55.675	ug/l	100
64) Tetrachloroethene	9.34	164	175038	53.795	ug/l	97
65) Chlorobenzene	10.13	112	449965	55.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	170684	57.375	ug/l	99
67) Ethyl Benzene	10.25	91	776323	56.304	ug/l	99
68) m/p-Xylenes	10.35	106	606396	113.504	ug/l	100
69) o-Xylene	10.69	106	293533	55.870	ug/l	99
70) Styrene	10.71	104	506973	57.539	ug/l	99
71) Bromoform	10.85	173	156937	60.662	ug/l #	100
73) Isopropylbenzene	11.02	105	788136	55.643	ug/l	99
74) N-amyl acetate	10.90	43	306222	57.206	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	255722	54.515	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	295002	77.477	ug/l	80
77) Bromobenzene	11.25	156	215439	54.472	ug/l	99
78) n-propylbenzene	11.36	91	887321	57.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	514895	55.545	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	664317	56.893	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92873	56.903	ug/l	99
82) 4-Chlorotoluene	11.51	91	595841	56.488	ug/l	99
83) tert-Butylbenzene	11.77	119	660532	56.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	671306	57.223	ug/l	99
85) sec-Butylbenzene	11.94	105	786214	57.135	ug/l	100
86) p-Isopropyltoluene	12.06	119	732512	57.551	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	383506	55.550	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	387053	55.070	ug/l	99
89) n-Butylbenzene	12.38	91	635485	58.756	ug/l	100
90) Hexachloroethane	12.60	117	133293	60.564	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	373251	54.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54375	53.764	ug/l	99

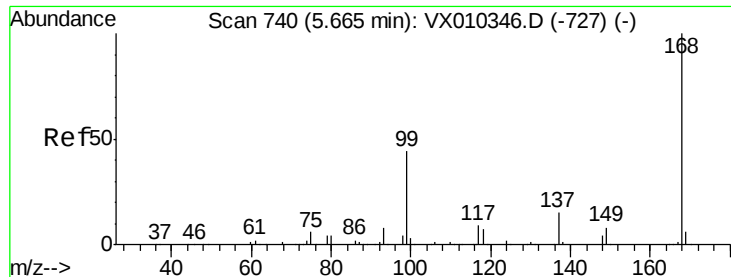
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
Data File : VX010351.D
Acq On : 20 Jun 2019 10:48
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 01:19:52 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)
93) 1,2,4-Trichlorobenzene	13.65	180	272997	57.372	ug/l	99
94) Hexachlorobutadiene	13.78	225	134080	57.655	ug/l	99
95) Naphthalene	13.83	128	819366	56.034	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	266543	56.339	ug/l	100

(#) = 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: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

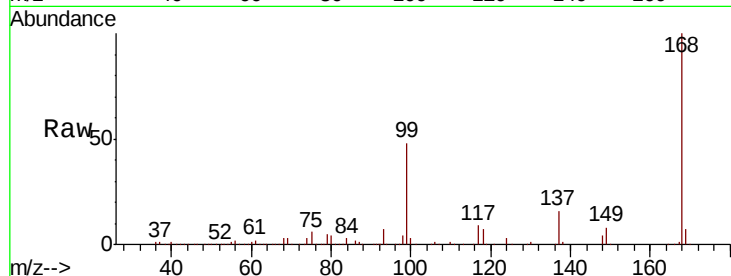
ClientSampled :

Tot Ion:168 Resp: 303032

Ion Ratio Lower Upper

168 100

99 48.3 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

120000

100000

80000

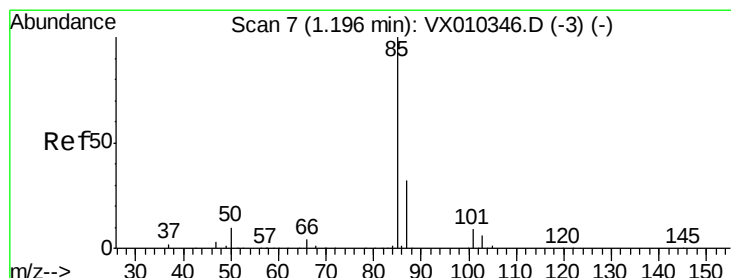
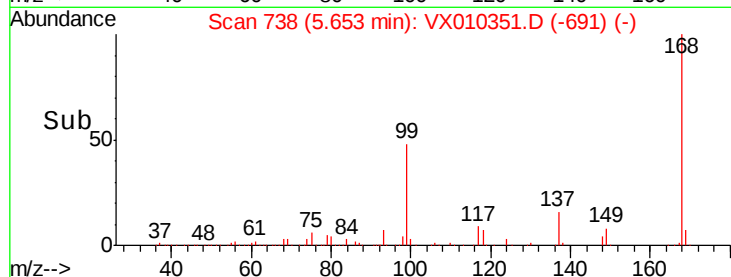
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.774 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010351.D

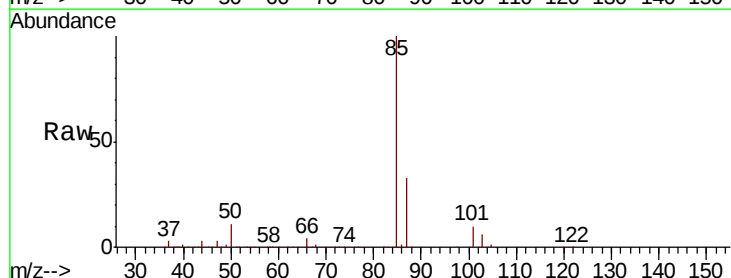
Acq: 20 Jun 2019 10:48

Tgt Ion: 85 Resp: 113289

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

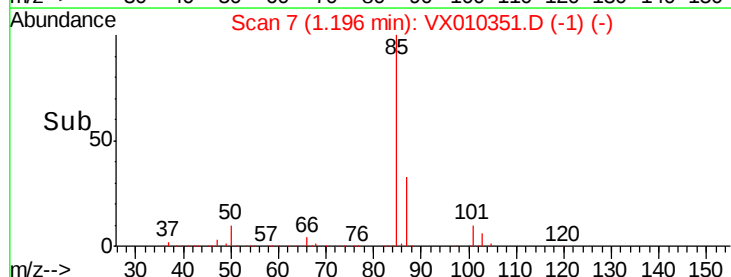
1.20

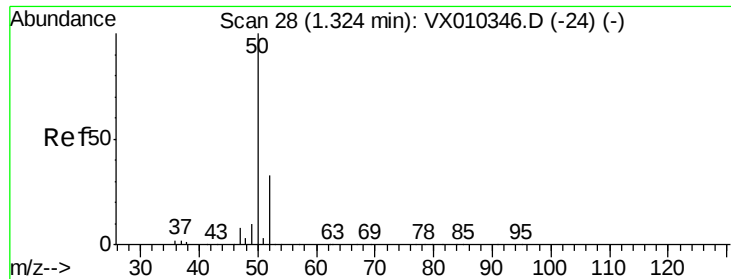
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.154 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

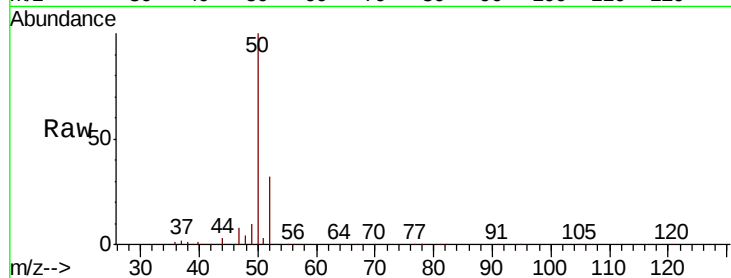
ClientSampleId :

Tot Ion: 50 Resp: 125491

Ion Ratio Lower Upper

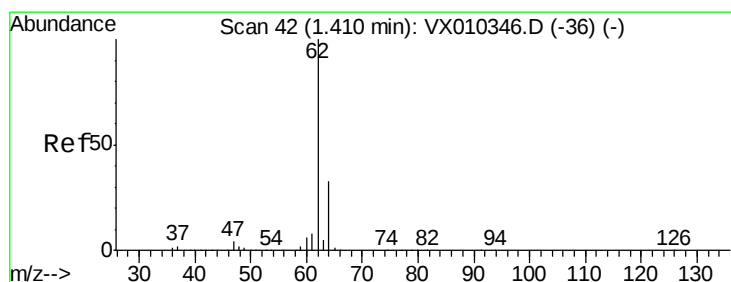
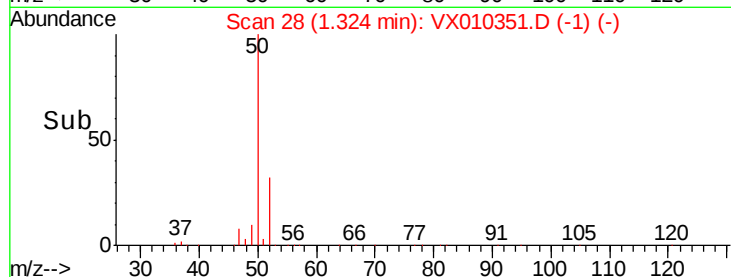
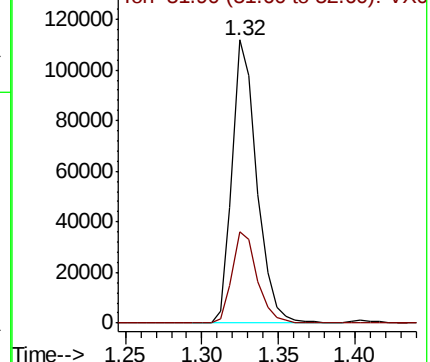
50 100

52 32.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.596 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010351.D

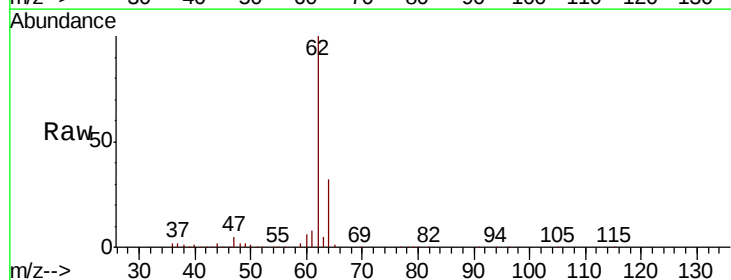
Acq: 20 Jun 2019 10:48

Tgt Ion: 62 Resp: 138639

Ion Ratio Lower Upper

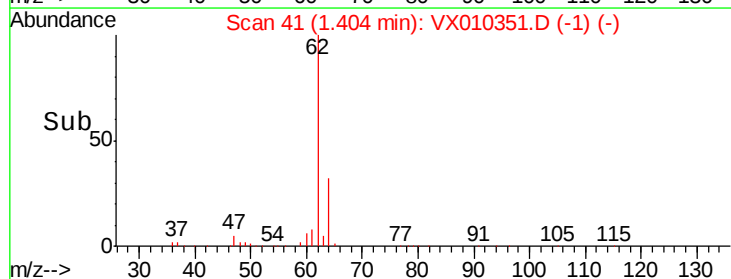
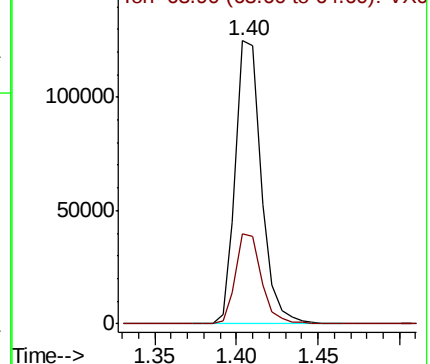
62 100

64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.133 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

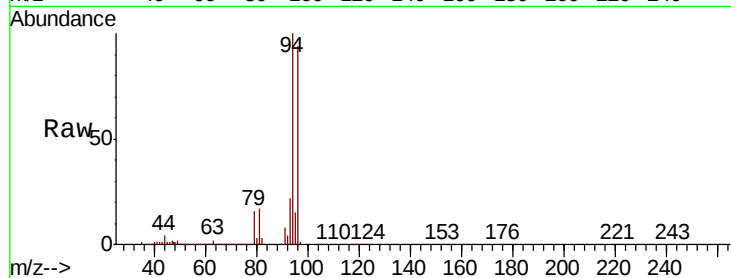
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 68245

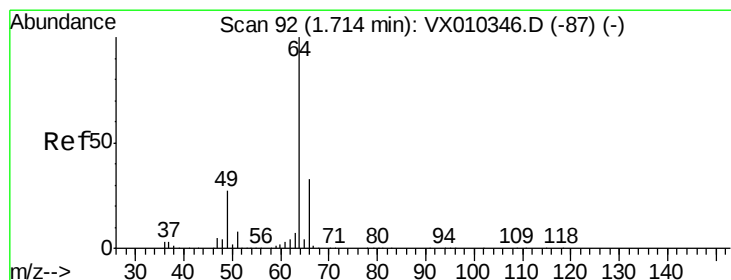
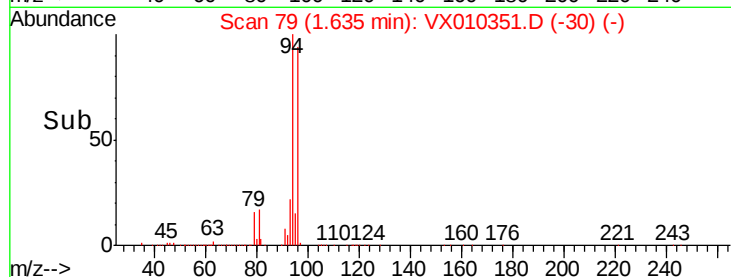
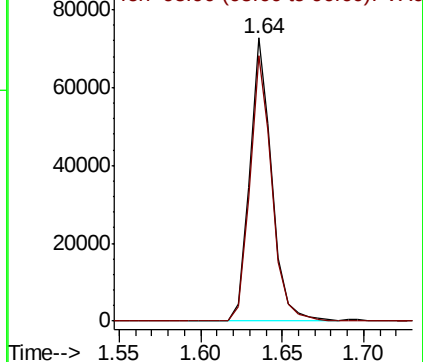
Ion Ratio Lower Upper

94 100

96 94.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.047 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010351.D

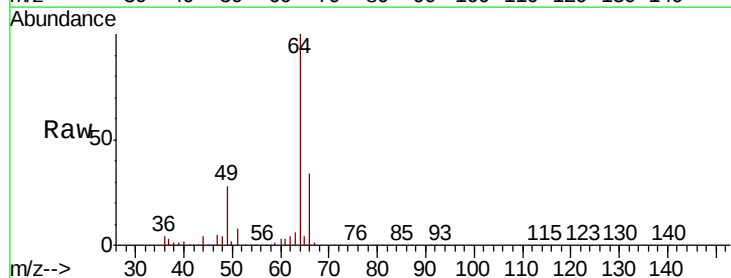
Acq: 20 Jun 2019 10:48

Tgt Ion: 64 Resp: 82508

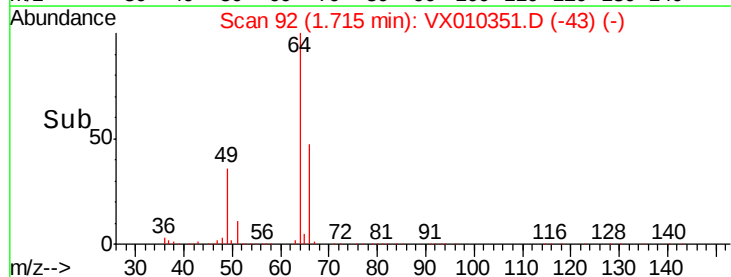
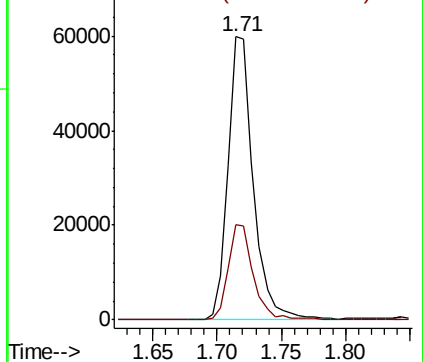
Ion Ratio Lower Upper

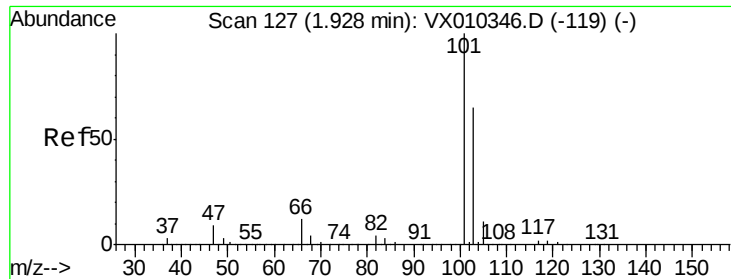
64 100

66 33.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



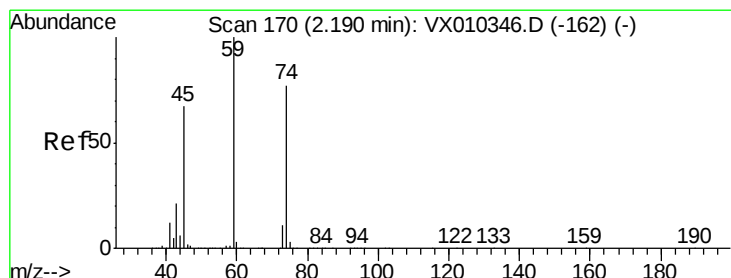
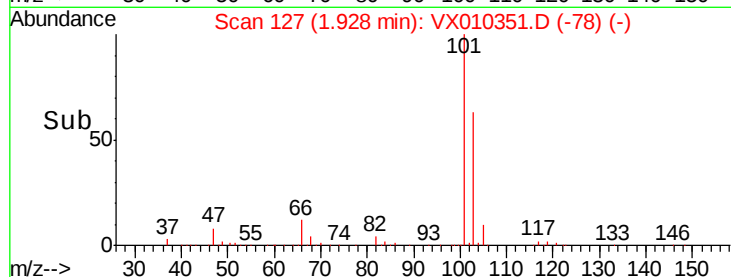
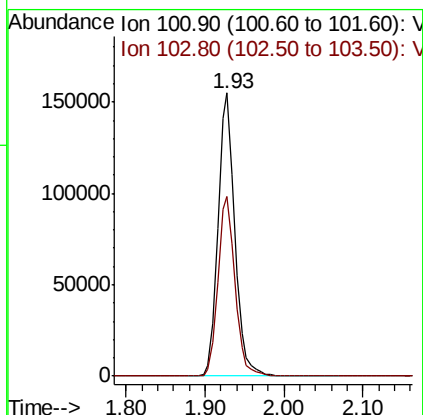
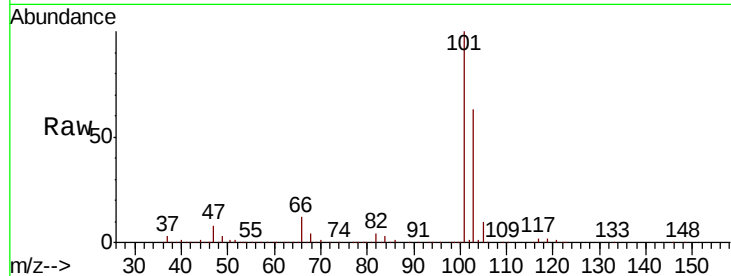


#7

Trichlorofluoromethane
Concen: 53.884 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

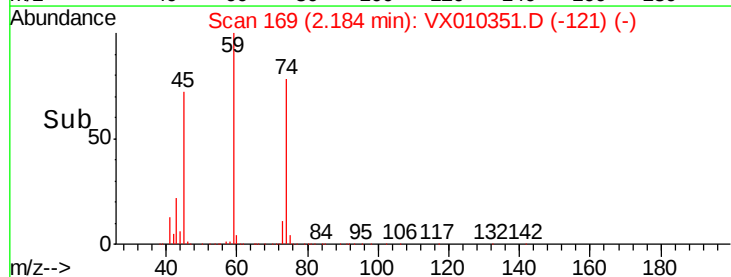
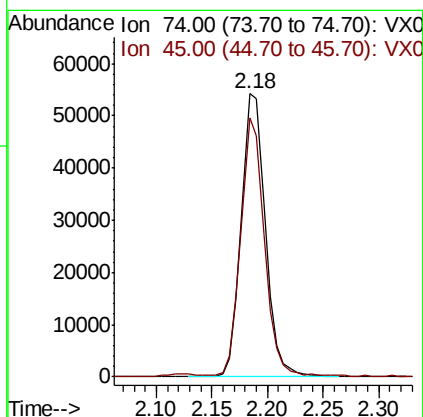
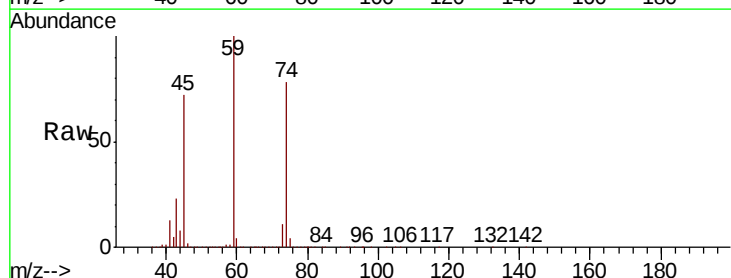
Tot Ion:101 Resp: 229520
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5



#8

Diethyl Ether
Concen: 53.663 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 74 Resp: 81971
Ion Ratio Lower Upper
74 100
45 88.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.832 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

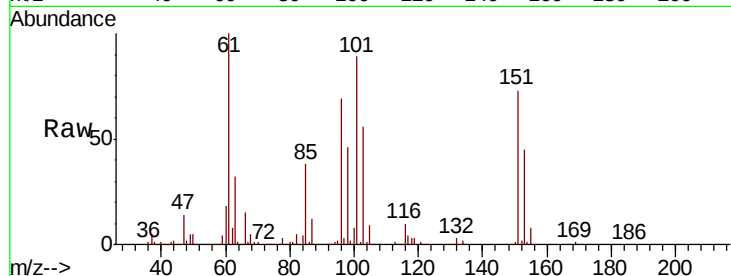
Tot Ion:101 Resp: 136374

Ion Ratio Lower Upper

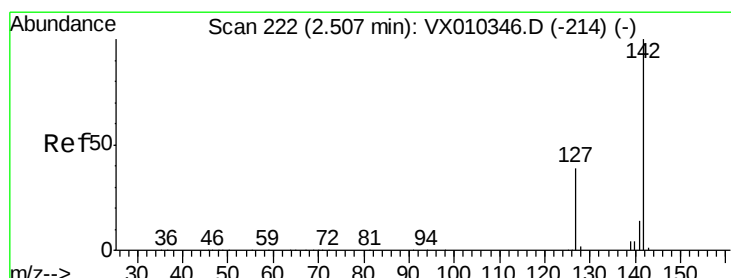
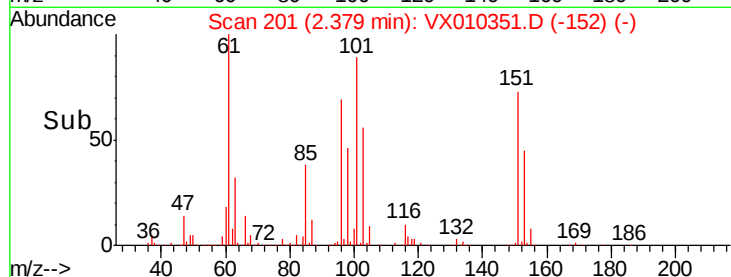
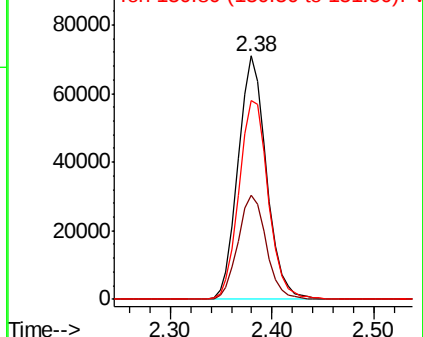
101 100

85 42.8 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: 51.813 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

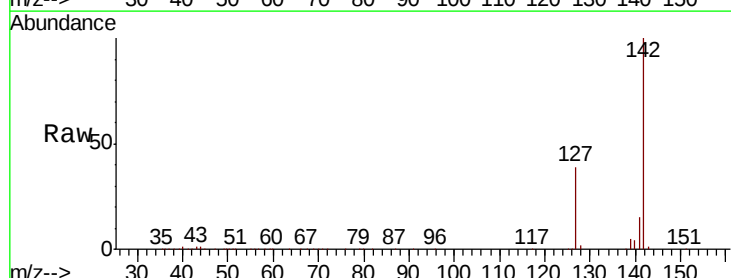
Tgt Ion:142 Resp: 190872

Ion Ratio Lower Upper

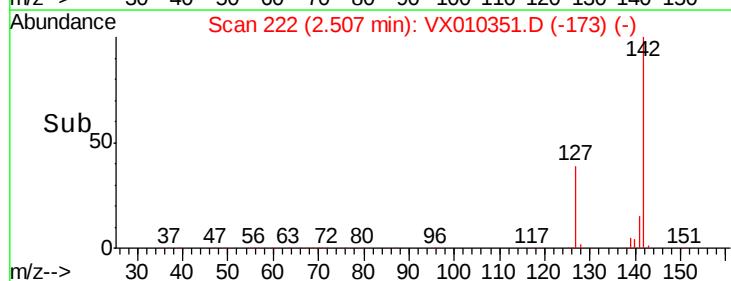
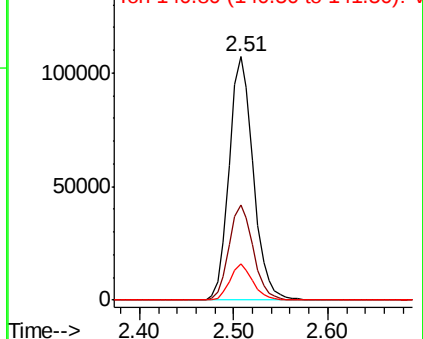
142 100

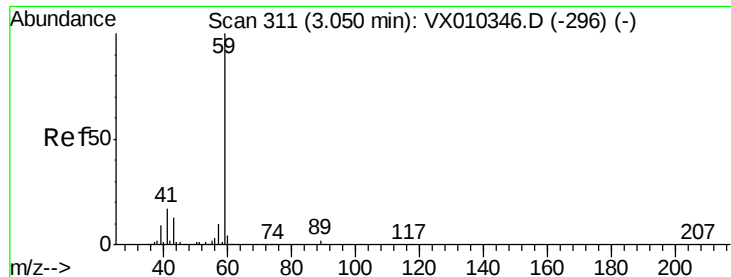
127 39.2 31.1 46.7

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

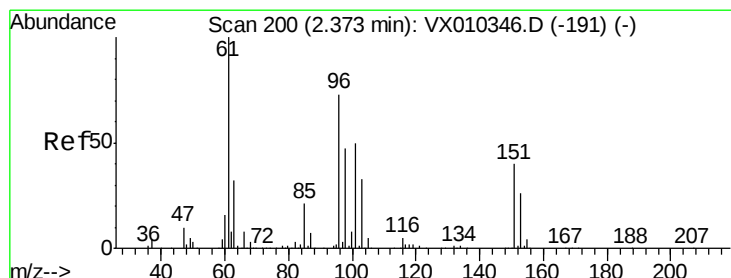
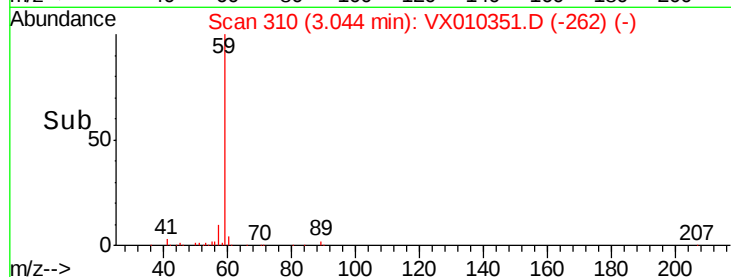
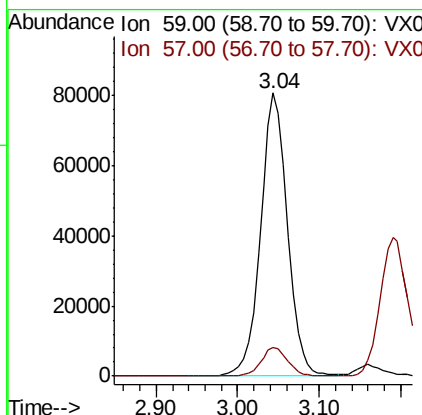
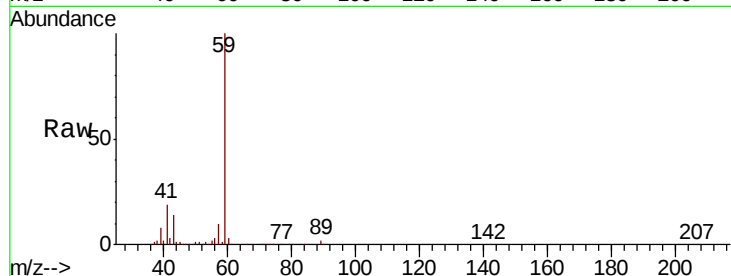




#11
Tert butyl alcohol
Concen: 248.102 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

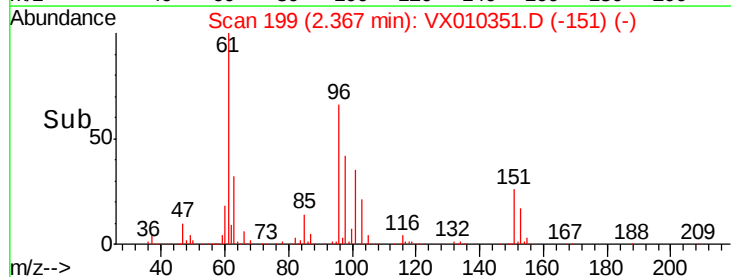
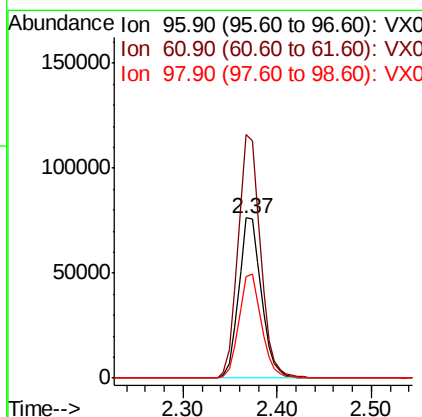
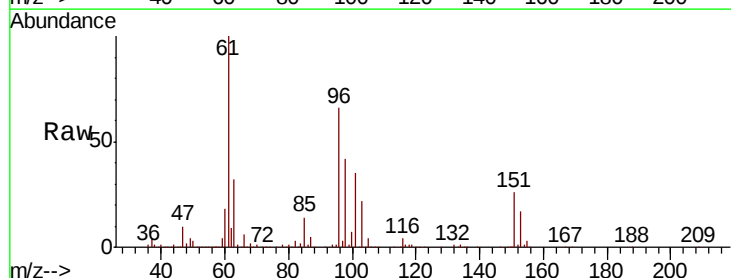
Instrument :
MSVOA_X
ClientSampleId :

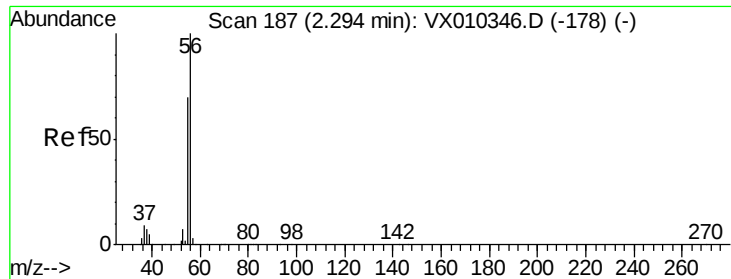
Tot Ion: 59 Resp: 184453
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.926 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 96 Resp: 128509
Ion Ratio Lower Upper
96 100
61 151.9 109.2 163.8
98 63.7 51.1 76.7





#13

Acrolein

Concen: 230.633 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

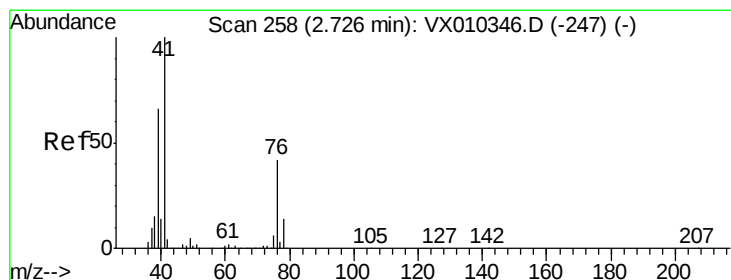
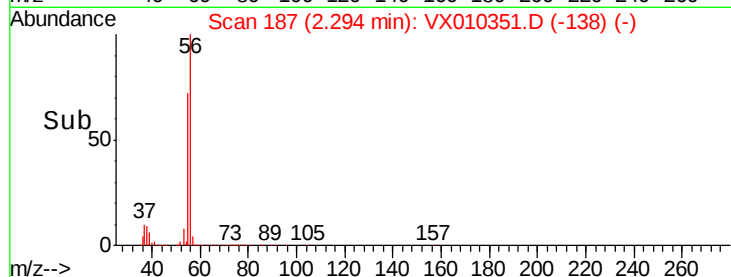
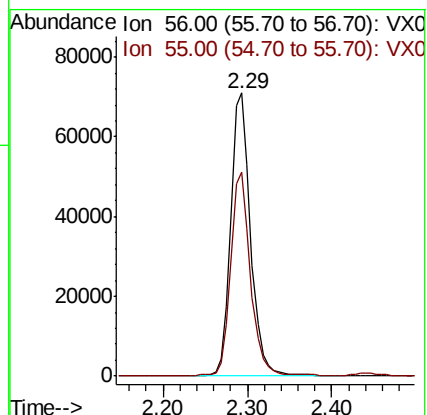
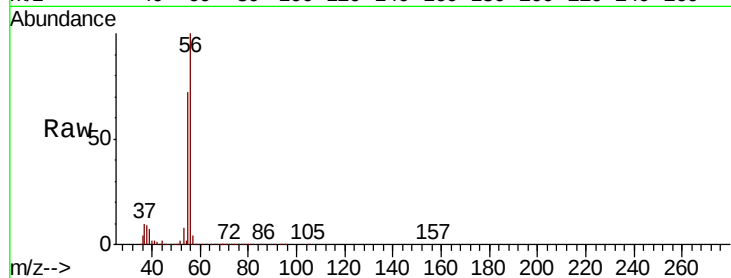
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 113746

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 54.906 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

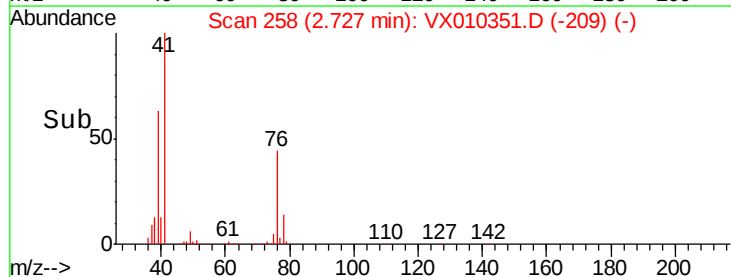
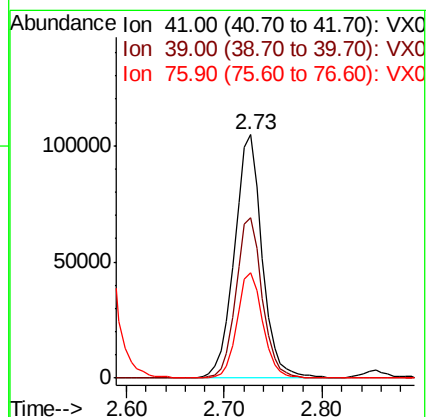
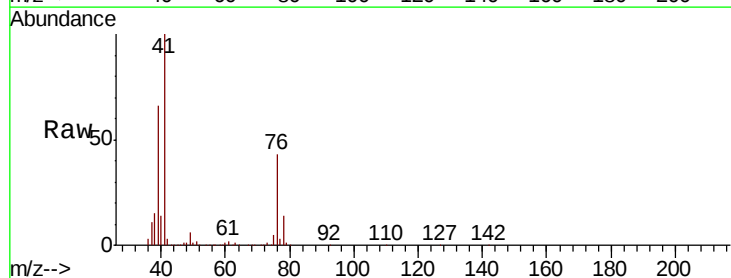
Tgt Ion: 41 Resp: 204748

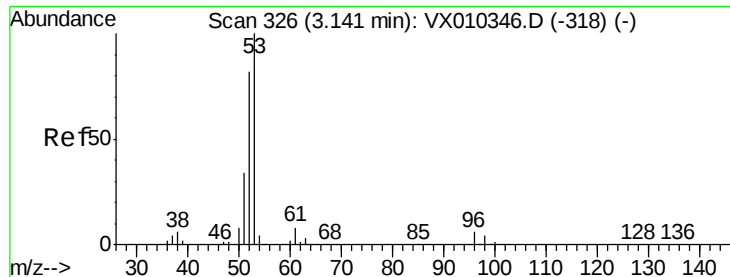
Ion Ratio Lower Upper

41 100

39 63.0 50.3 75.5

76 40.5 31.3 46.9





#15

Acrylonitrile

Concen: 264.437 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

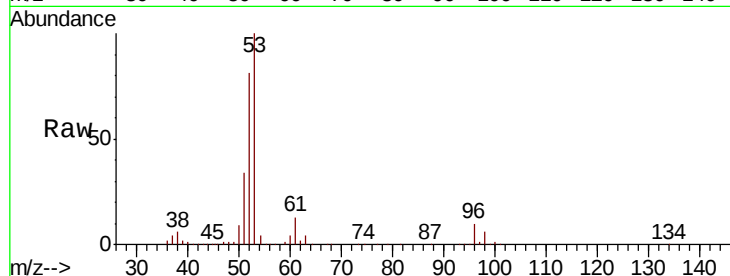
Tot Ion: 53 Resp: 389241

Ion Ratio Lower Upper

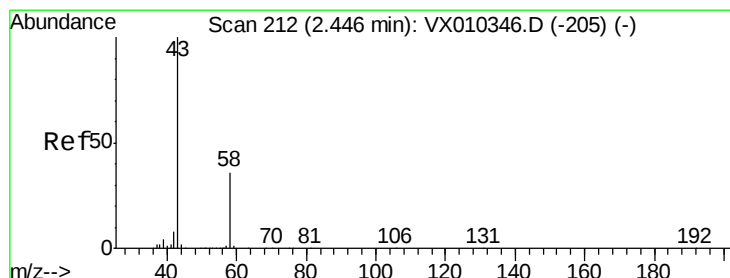
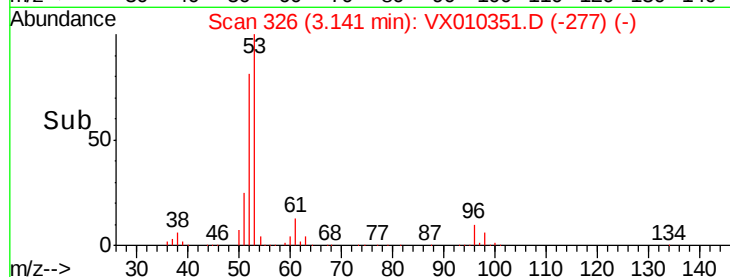
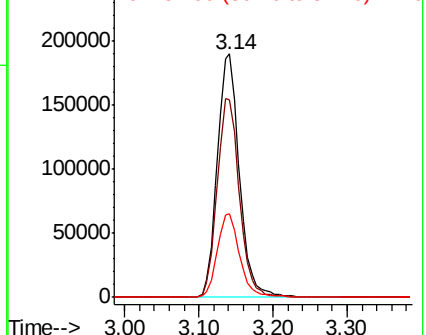
53 100

52 82.6 65.5 98.3

51 34.7 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: 272.244 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010351.D

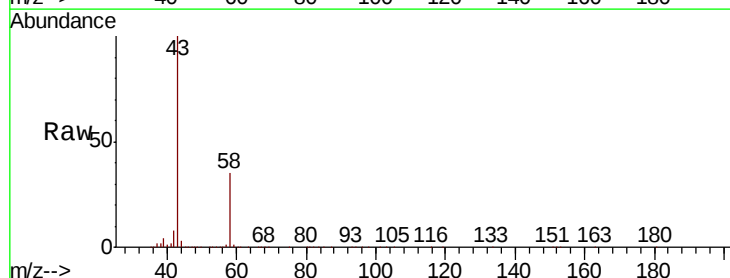
Acq: 20 Jun 2019 10:48

Tgt Ion: 43 Resp: 387658

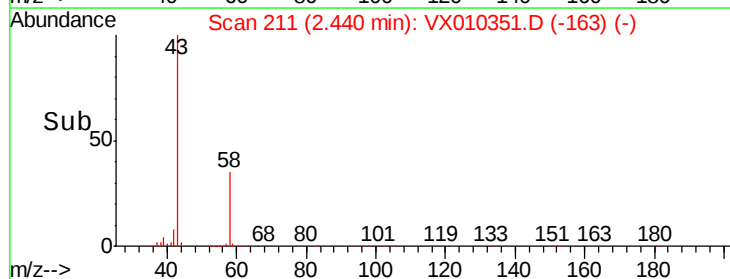
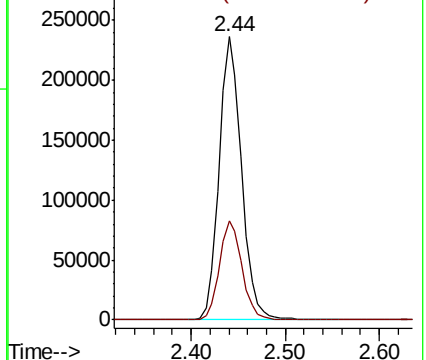
Ion Ratio Lower Upper

43 100

58 35.0 28.9 43.3



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

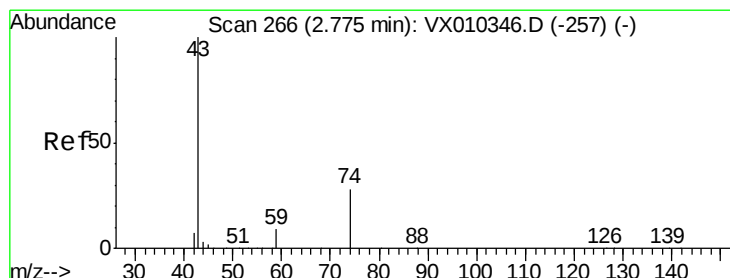
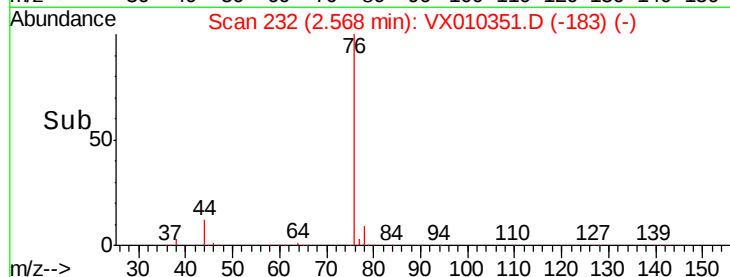
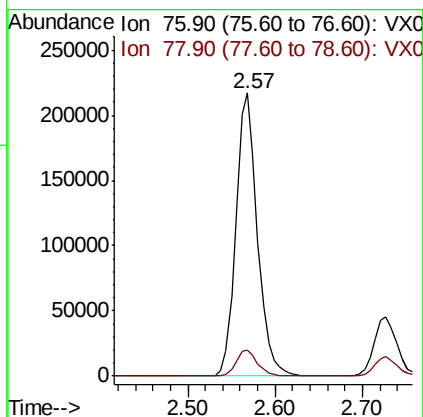
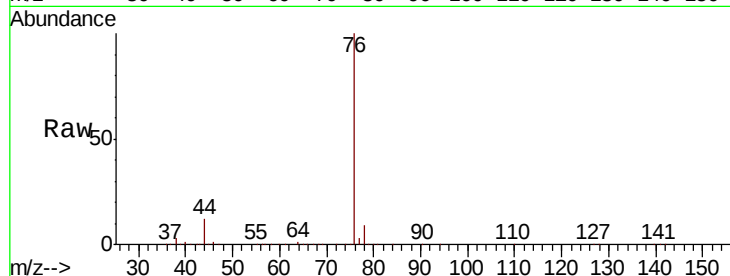




#17
Carbon Disulfide
Concen: 52.894 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

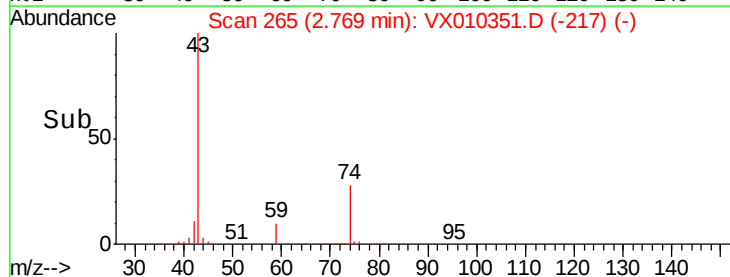
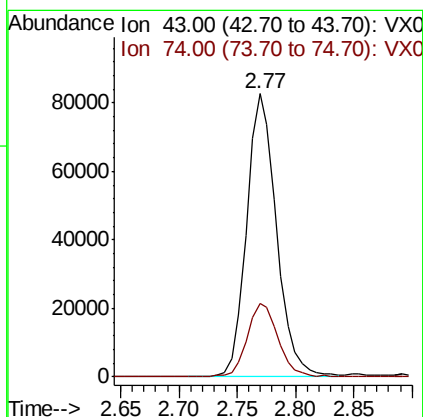
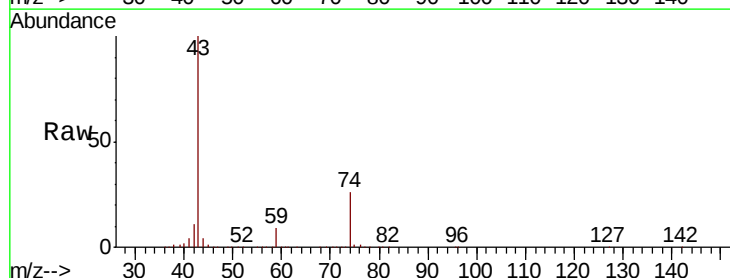
Instrument :
MSVOA_X
ClientSampleId :

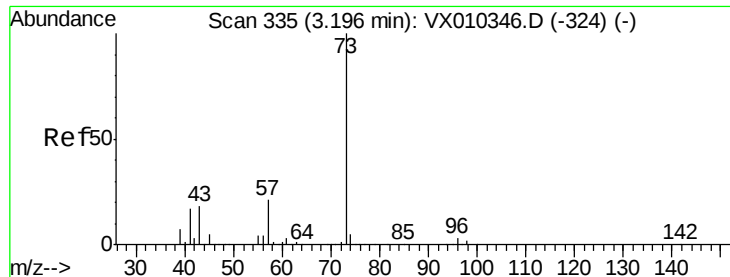
Tot Ion: 76 Resp: 372736
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 52.303 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 43 Resp: 148434
Ion Ratio Lower Upper
43 100
74 27.1 21.3 31.9

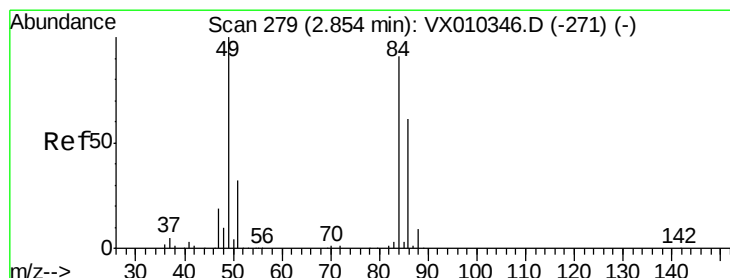
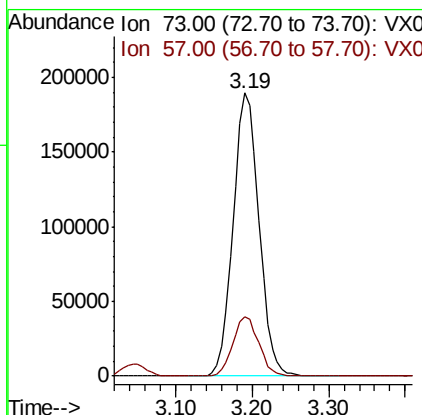
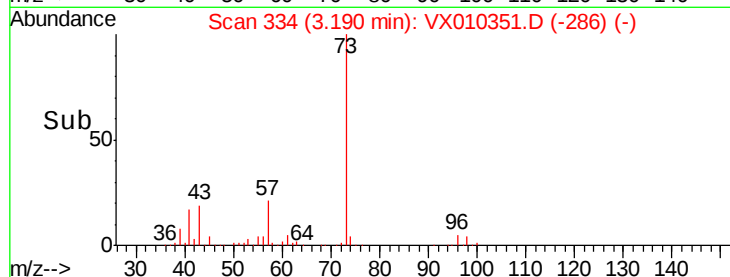
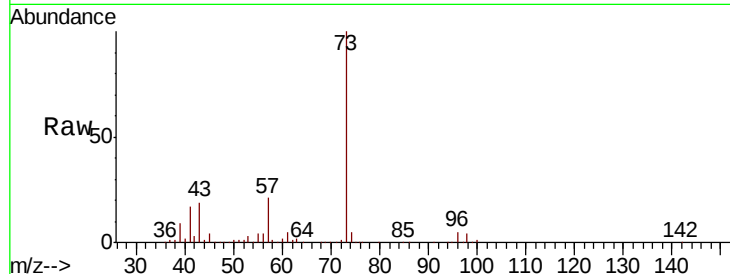




#19
Methyl tert-butyl Ether
Concen: 53.706 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

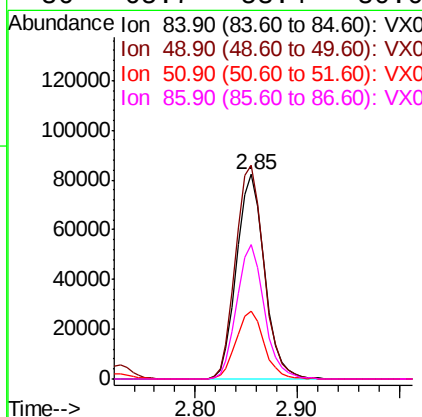
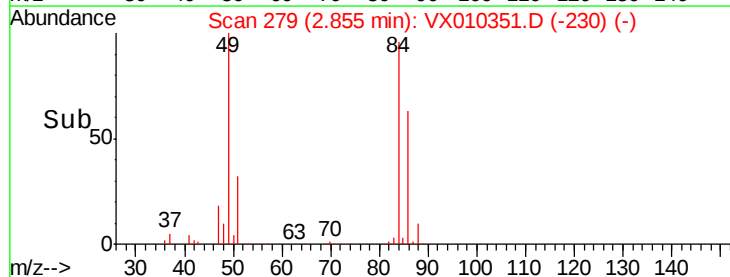
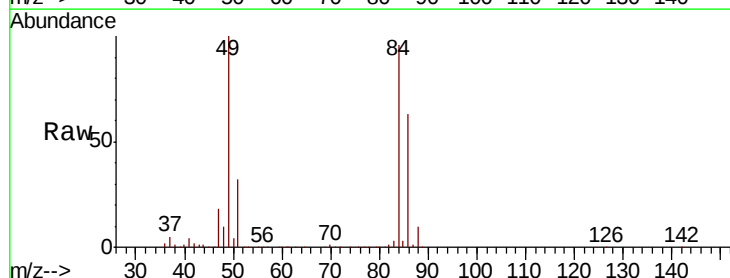
Instrument :
MSVOA_X
ClientSampleId :

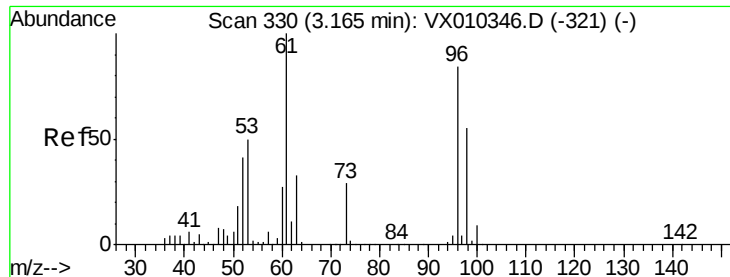
Tot Ion: 73 Resp: 443774
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 53.299 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 84 Resp: 156187
Ion Ratio Lower Upper
84 100
49 104.4 87.5 131.3
51 33.0 27.7 41.5
86 65.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 54.003 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

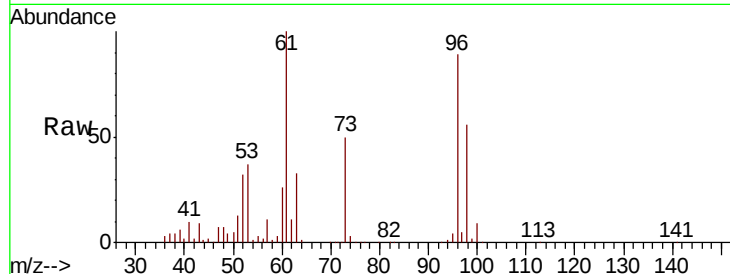
Tot Ion: 96 Resp: 152555

Ion Ratio Lower Upper

96 100

61 112.0 95.6 143.4

98 63.2 52.5 78.7

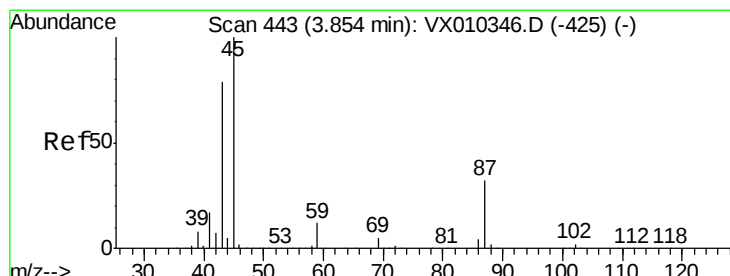
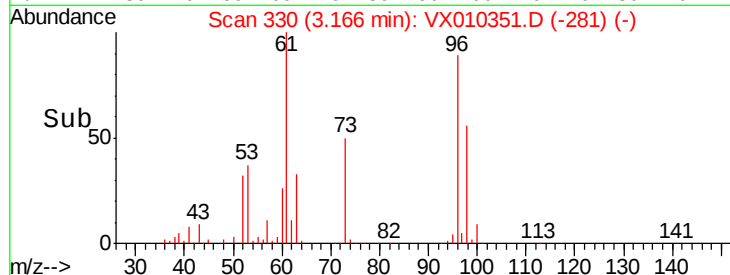
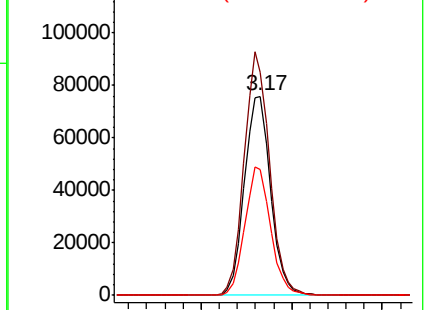


Abundance

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: 53.288 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Tgt Ion: 45 Resp: 415467

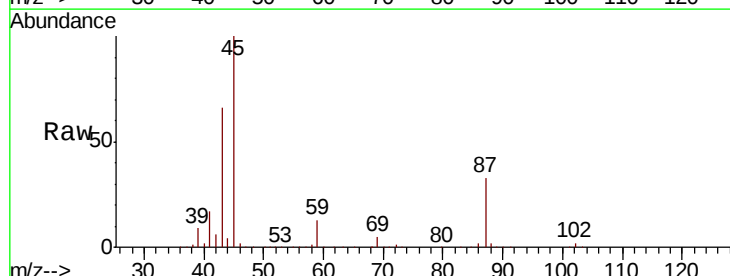
Ion Ratio Lower Upper

45 100

43 65.4 63.3 94.9

87 33.3 25.8 38.8

59 12.9 9.6 14.4



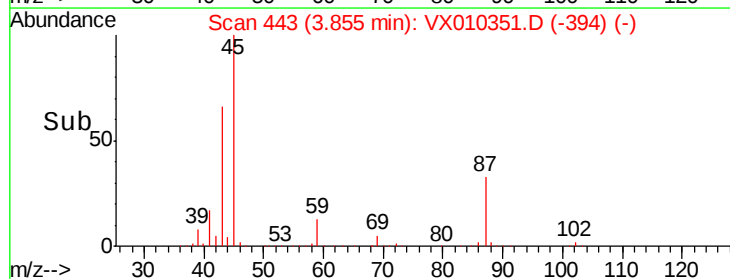
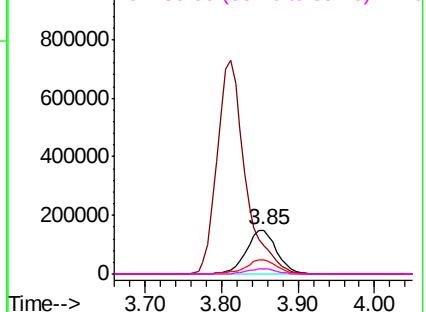
Abundance

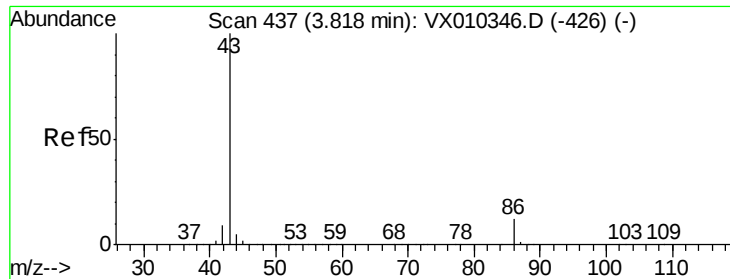
Ion 45.00 (44.70 to 45.70): VX0

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: 276.447 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

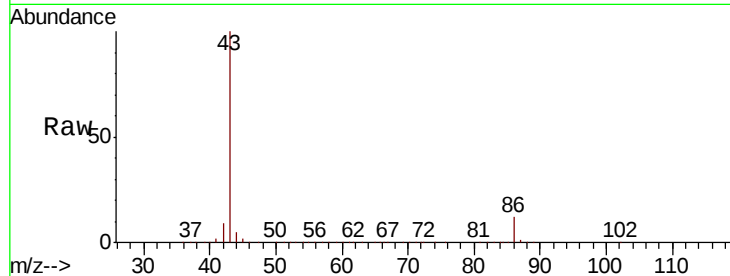
ClientSampleId :

Tot Ion: 43 Resp: 1861979

Ion Ratio Lower Upper

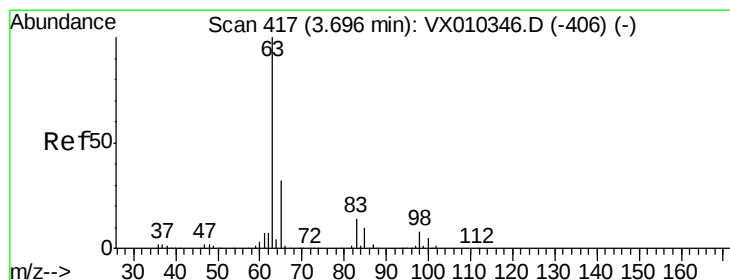
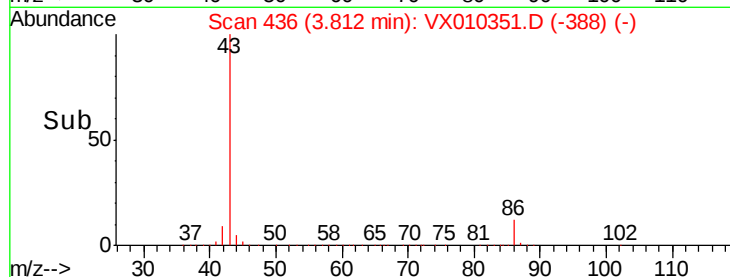
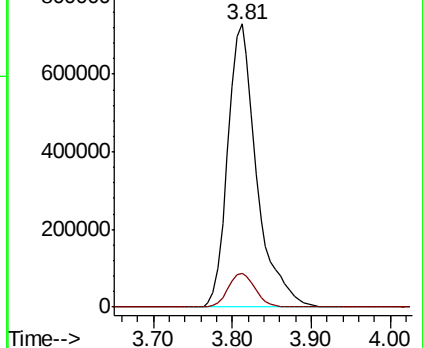
43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.865 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

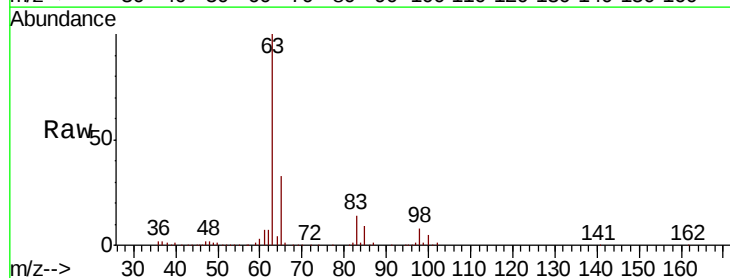
Tgt Ion: 63 Resp: 242755

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

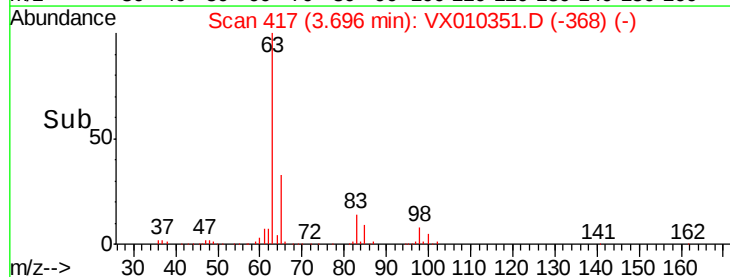
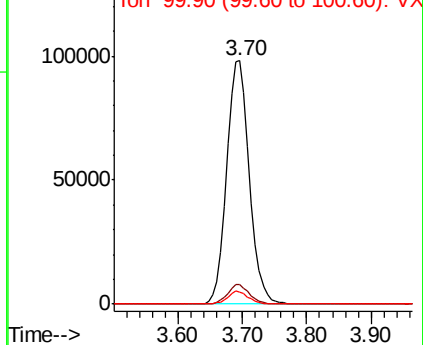
100 5.0 2.4 7.1

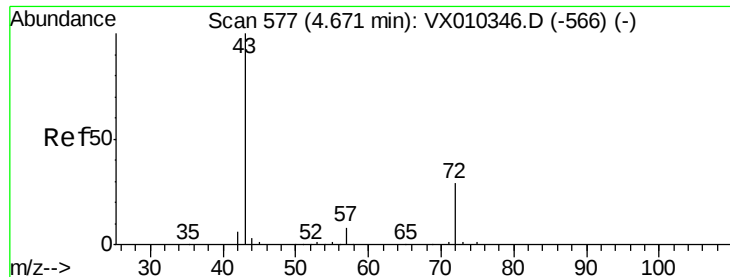


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.979 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

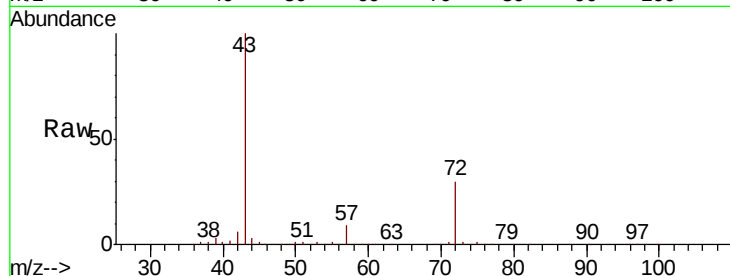
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 561825

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

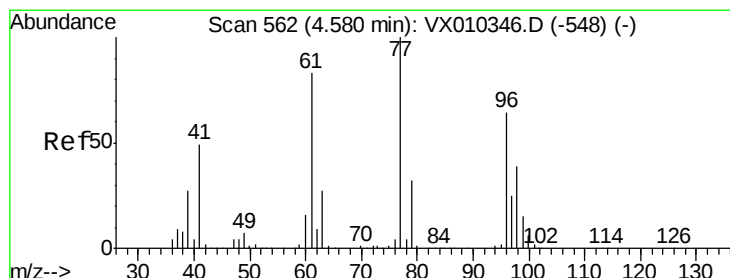
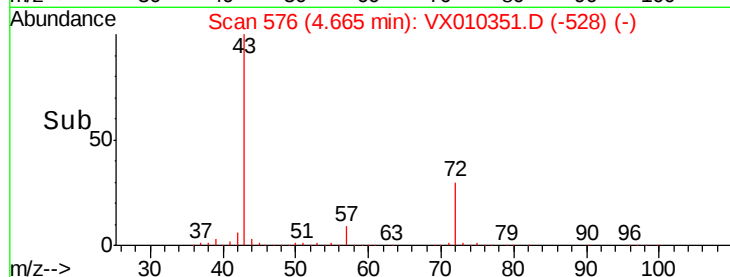
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 55.882 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010351.D

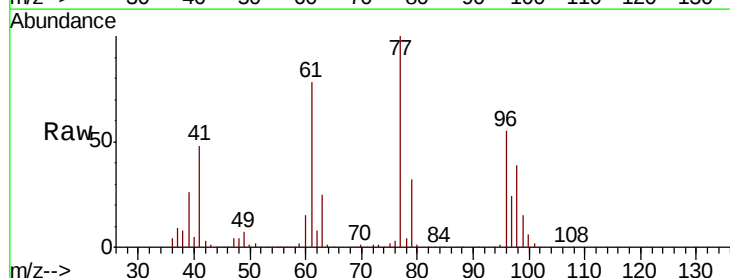
Acq: 20 Jun 2019 10:48

Tgt Ion: 77 Resp: 218774

Ion Ratio Lower Upper

77 100

97 25.7 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

80000

60000

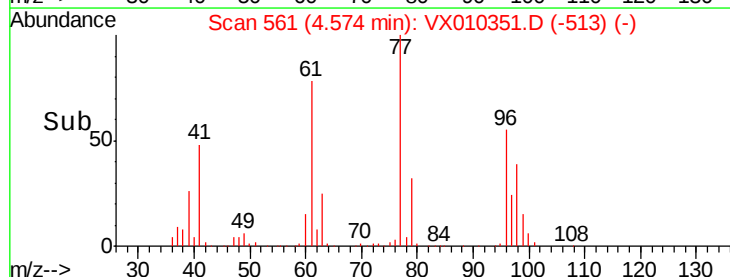
40000

20000

0

4.40 4.50 4.60 4.70

Time-->



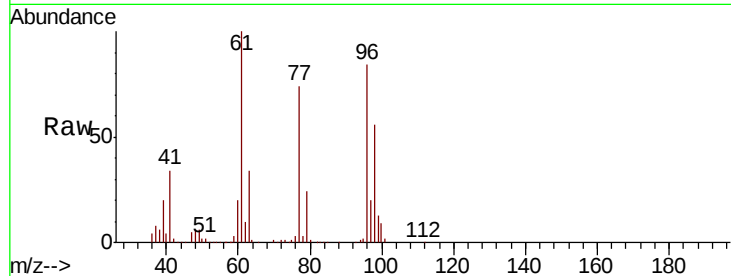


#27

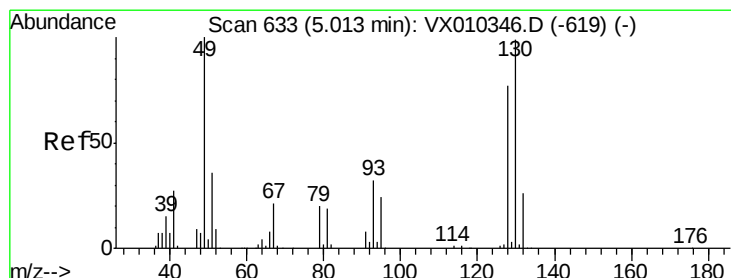
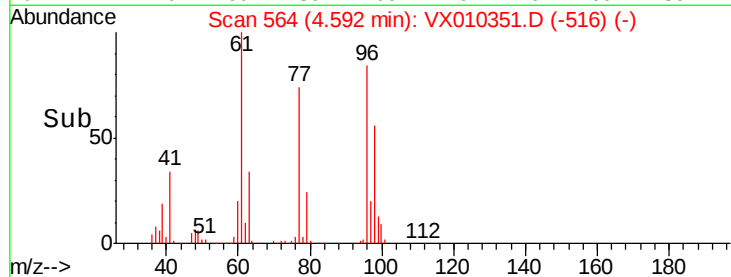
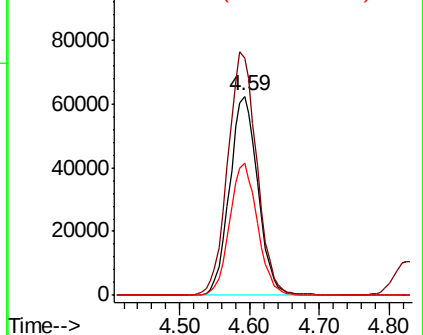
cis-1,2-Dichloroethene
Concen: 53.571 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 174879
Ion Ratio Lower Upper
96 100
61 126.4 0.0 251.8
98 65.4 0.0 129.4



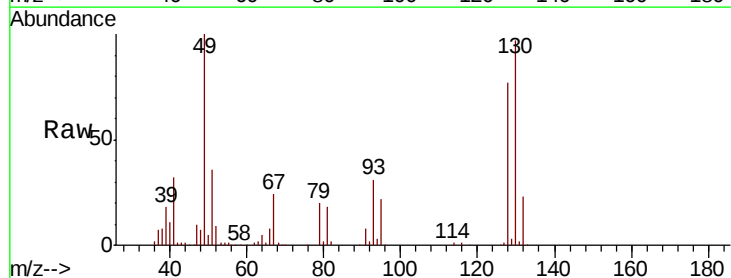
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



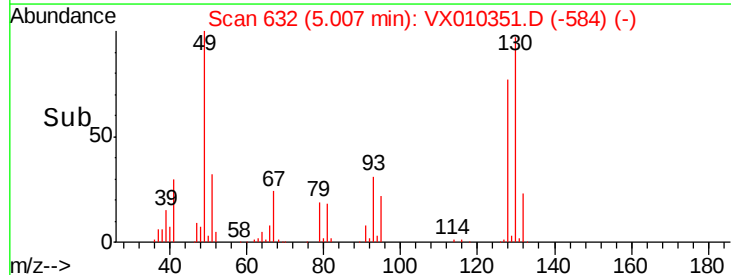
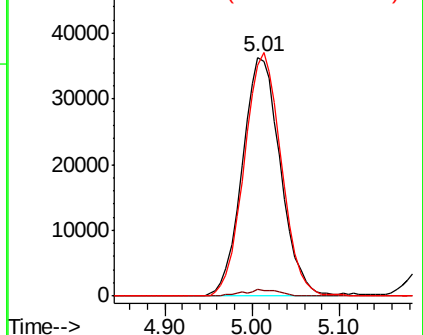
#28

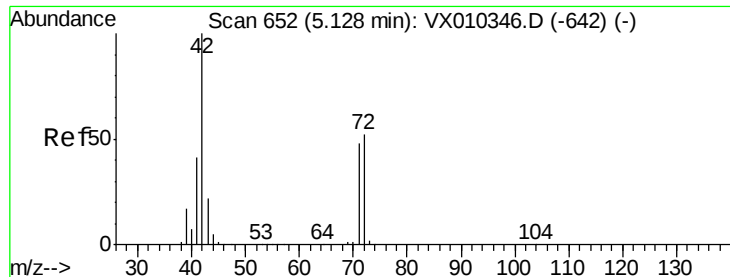
Bromochloromethane
Concen: 51.055 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 49 Resp: 110009
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 99.2 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: 263.910 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

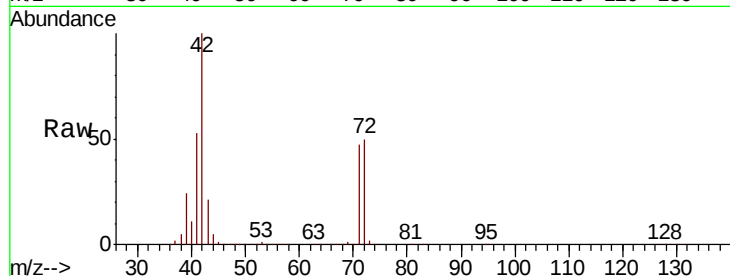
Tot Ion: 42 Resp: 341440

Ion Ratio Lower Upper

42 100

72 50.8 40.6 60.8

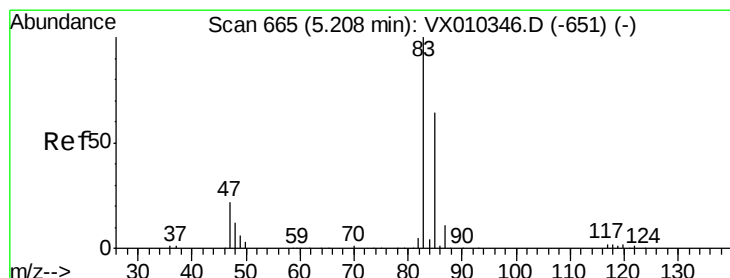
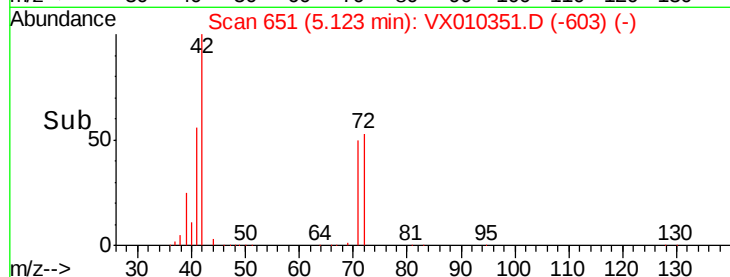
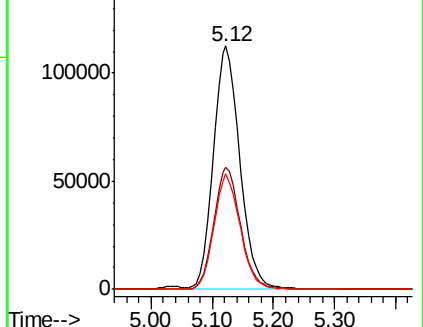
71 46.7 37.8 56.8



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: 52.682 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010351.D

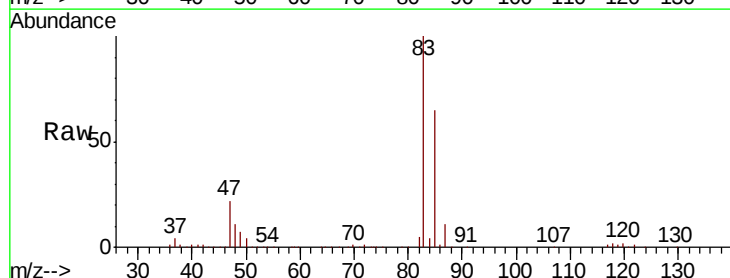
Acq: 20 Jun 2019 10:48

Tgt Ion: 83 Resp: 255455

Ion Ratio Lower Upper

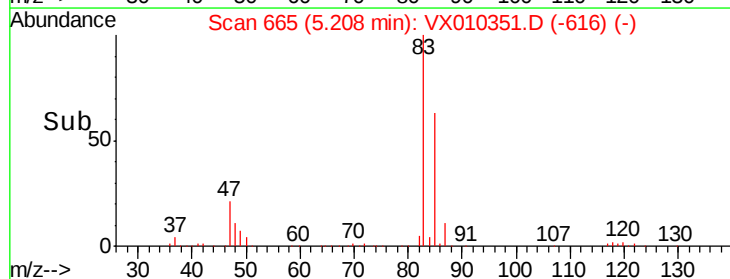
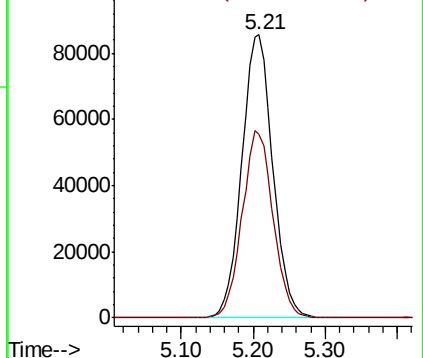
83 100

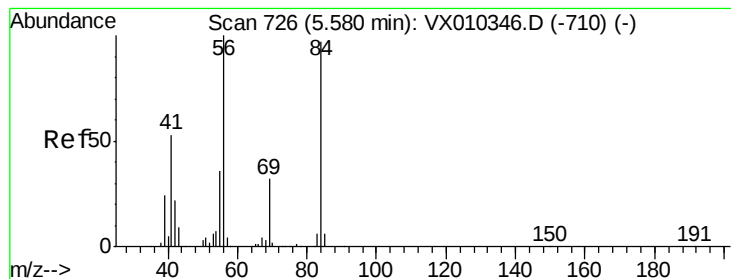
85 65.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.011 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

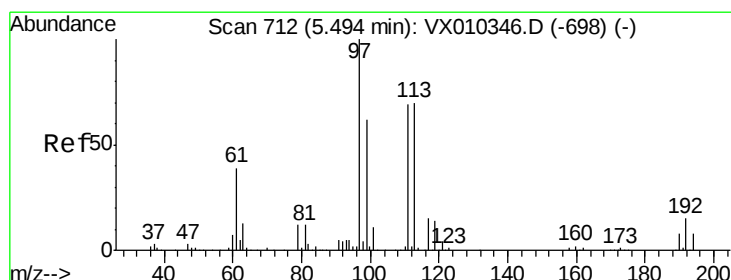
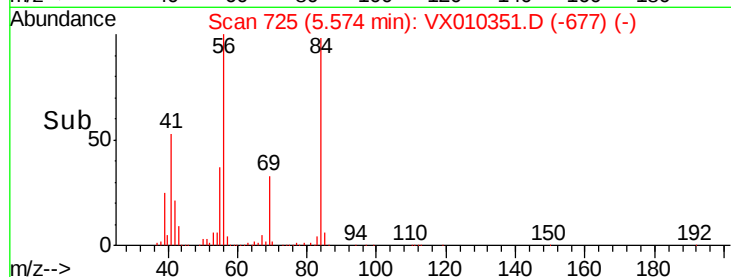
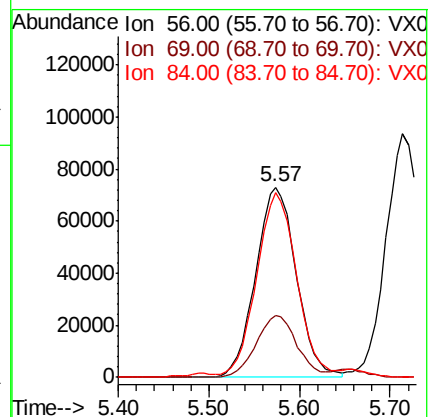
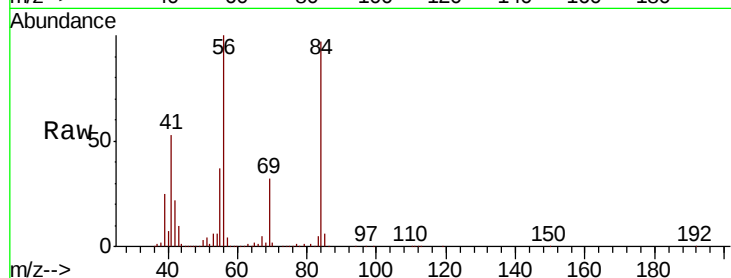
Tot Ion: 56 Resp: 225765

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

84 95.9 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 54.099 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

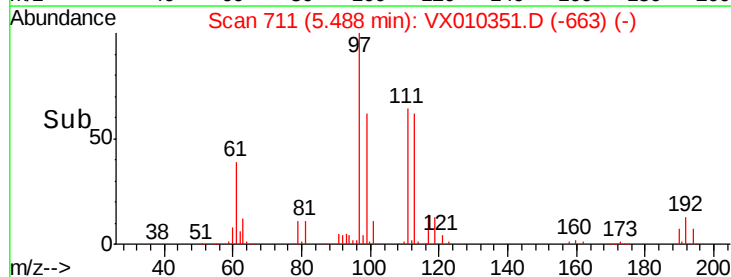
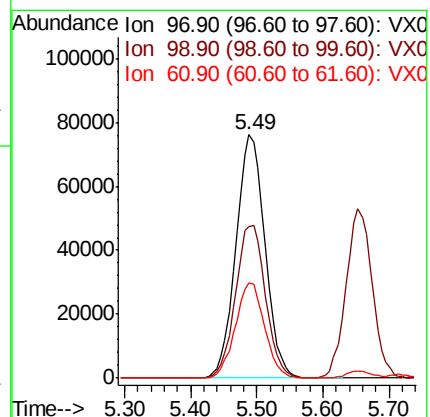
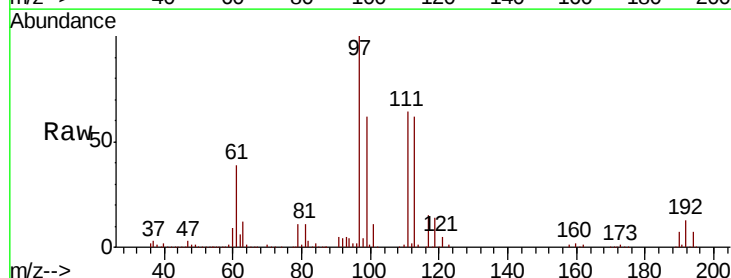
Tgt Ion: 97 Resp: 231631

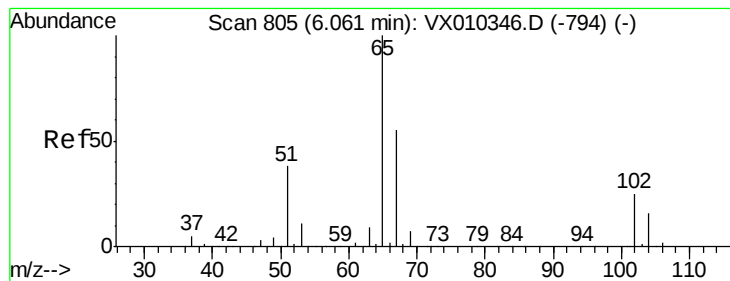
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 39.6 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 49.020 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

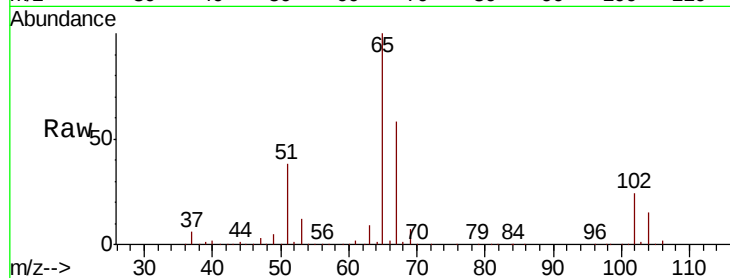
ClientSampled :

Tot Ion: 65 Resp: 139278

Ion Ratio Lower Upper

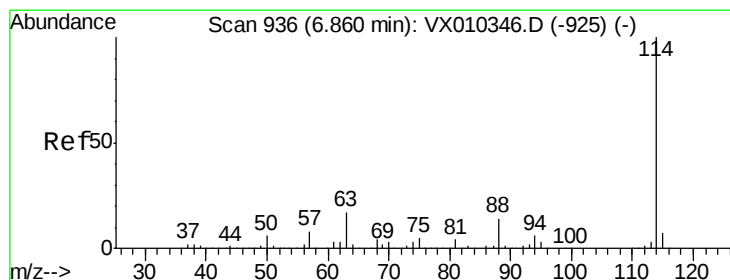
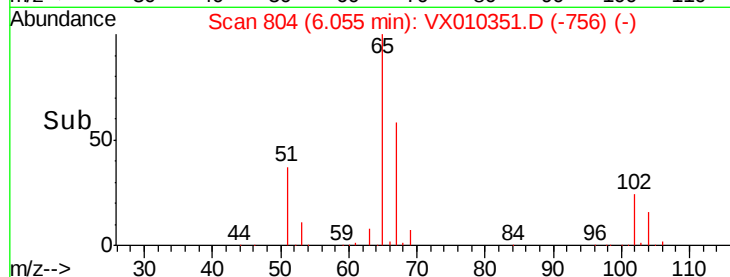
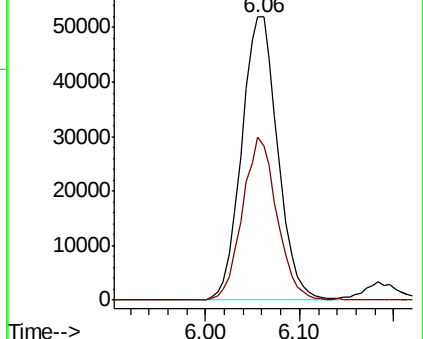
65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

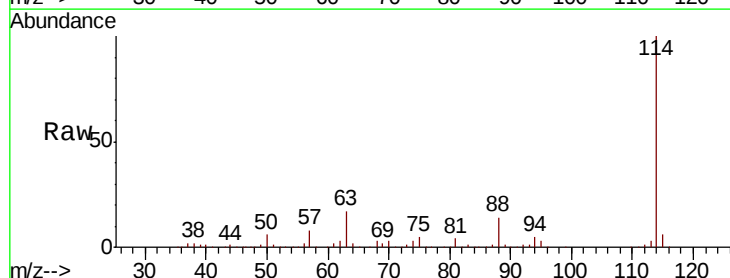
Tgt Ion: 114 Resp: 443380

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

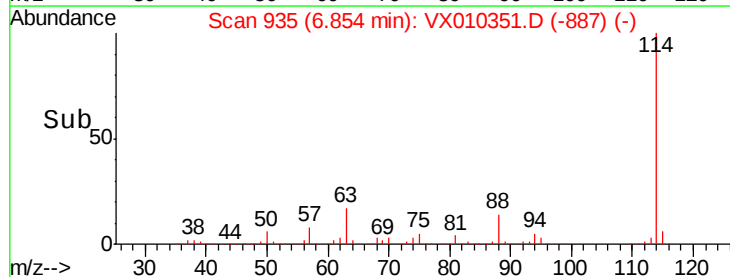
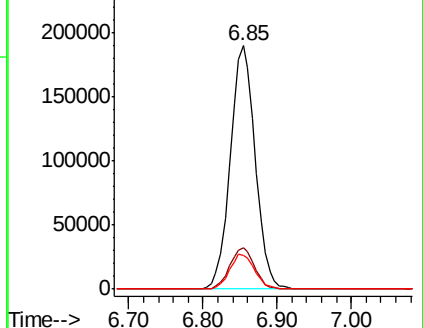
88 13.9 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

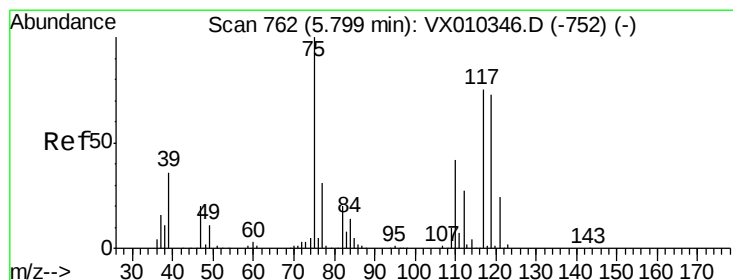
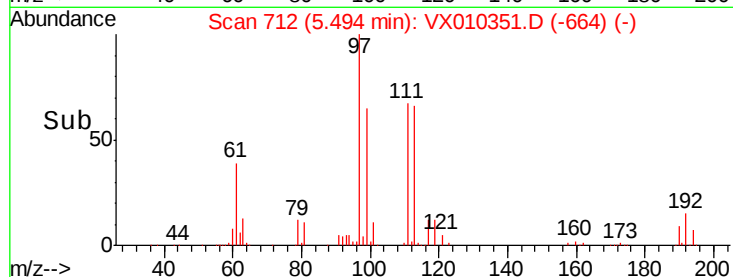
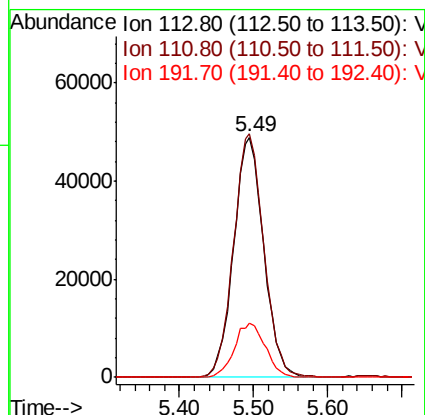
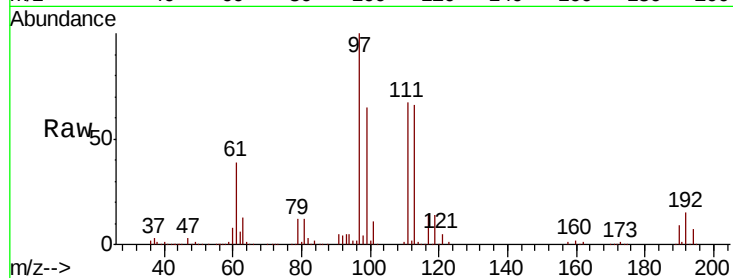




#35
 Dibromofluoromethane
 Concen: 51.010 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

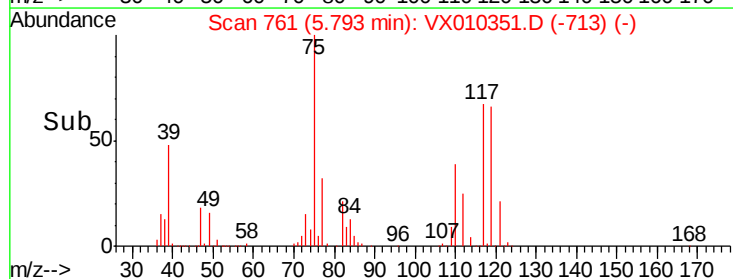
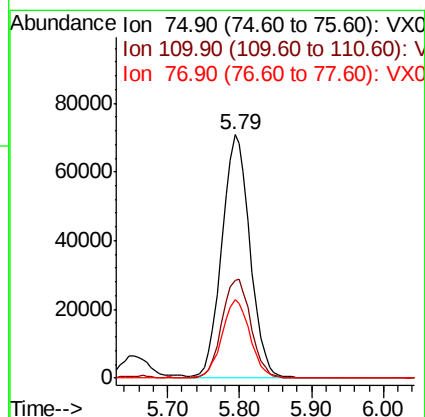
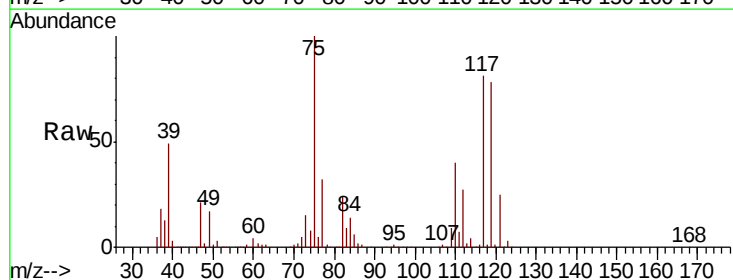
Instrument :
 MSVOA_X
 ClientSampleId :

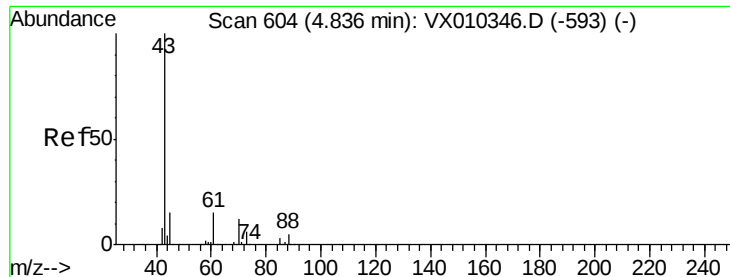
Tot Ion:113 Resp: 138379
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.2 121.8
 192 23.4 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 54.417 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

Tgt Ion: 75 Resp: 191731
 Ion Ratio Lower Upper
 75 100
 110 42.0 20.8 62.2
 77 32.3 25.4 38.0

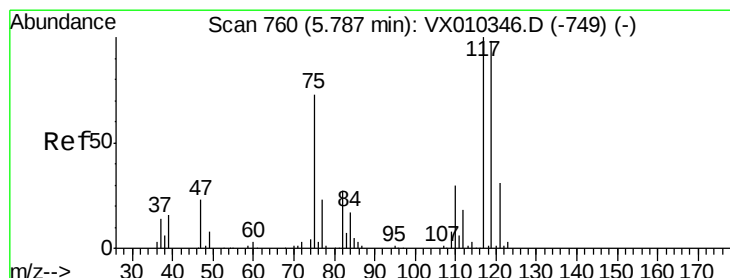
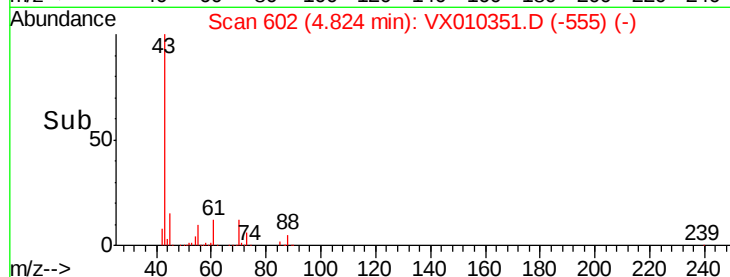
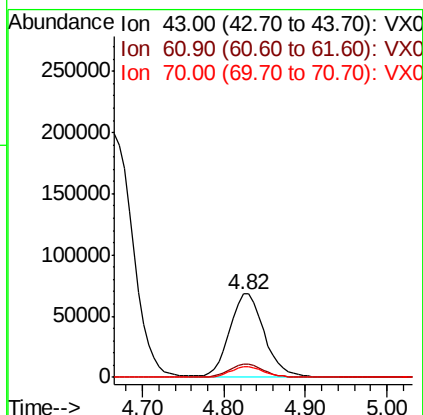
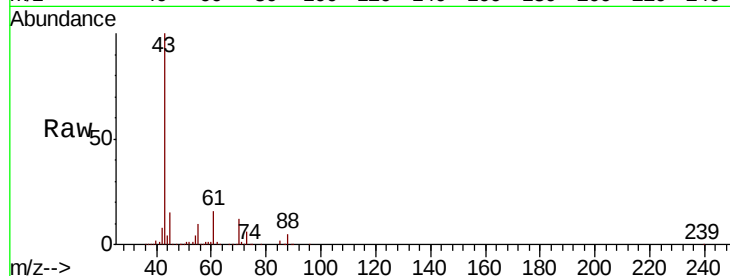




#37
Ethyl Acetate
Concen: 54.936 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

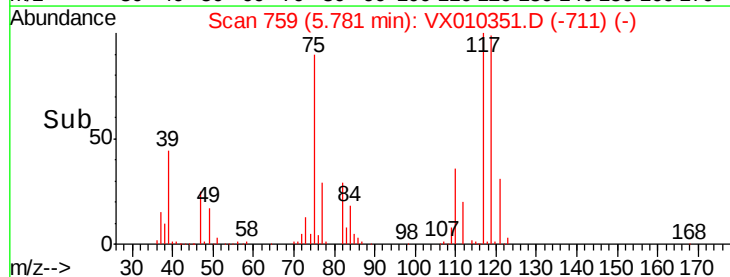
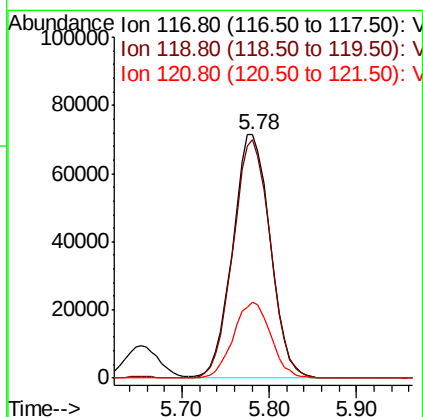
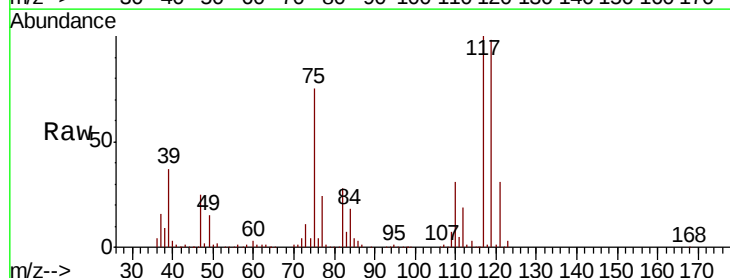
Instrument :
MSVOA_X
ClientSampled :

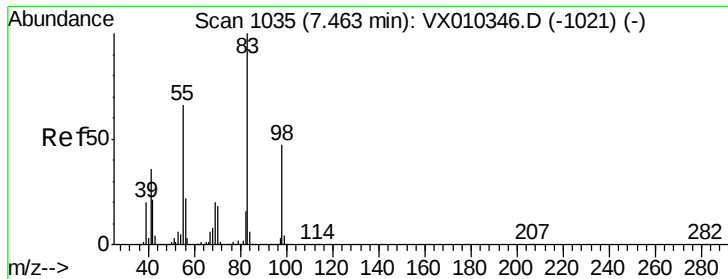
Tot Ion: 43 Resp: 199125
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 12.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 55.767 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 117 Resp: 212769
Ion Ratio Lower Upper
117 100
119 98.2 78.2 117.4
121 31.3 24.7 37.1

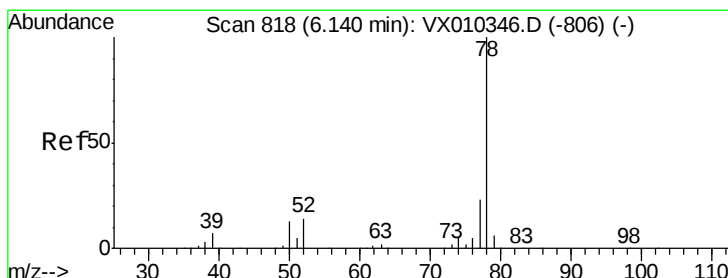
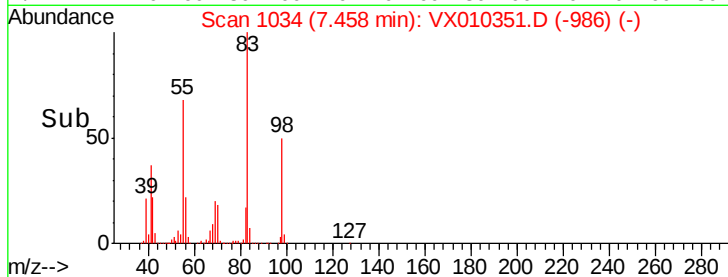
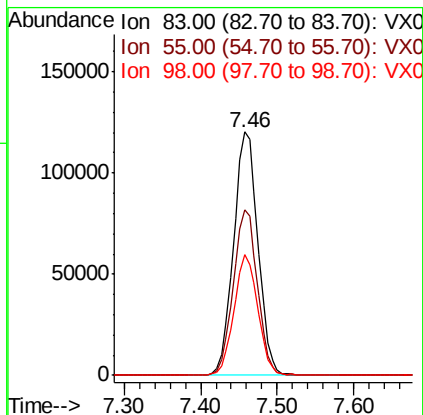
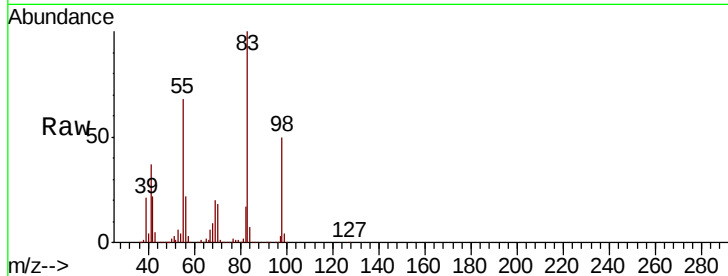




#39
Methvlcvclohexane
Concen: 57.164 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

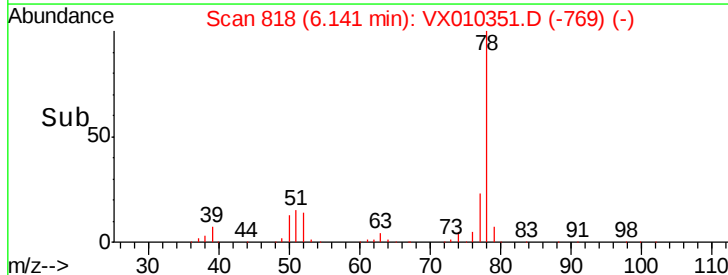
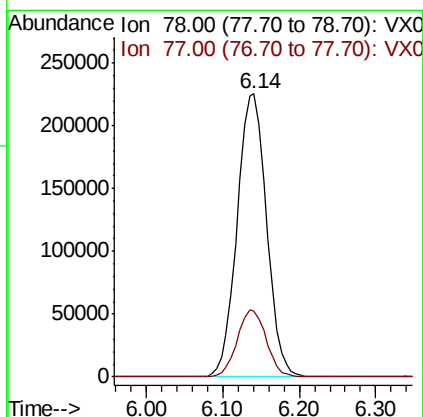
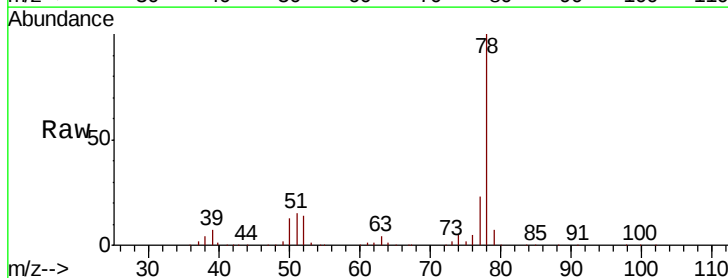
Instrument :
MSVOA_X
ClientSampleId :

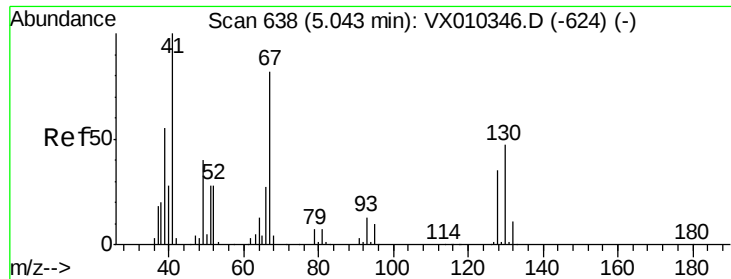
Tot Ion: 83 Resp: 264746
Ion Ratio Lower Upper
83 100
55 68.0 53.0 79.6
98 49.6 37.8 56.8



#40
Benzene
Concen: 54.805 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 78 Resp: 601585
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0





#41

Methacrylonitrile

Concen: 55.492 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 110363

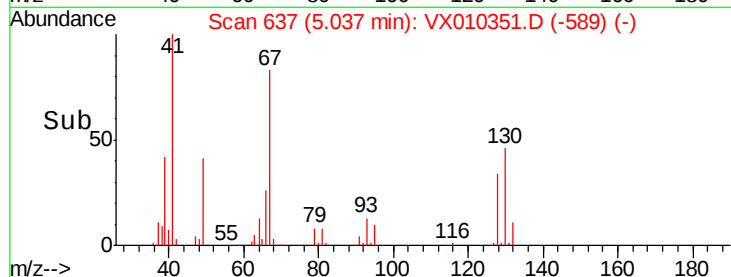
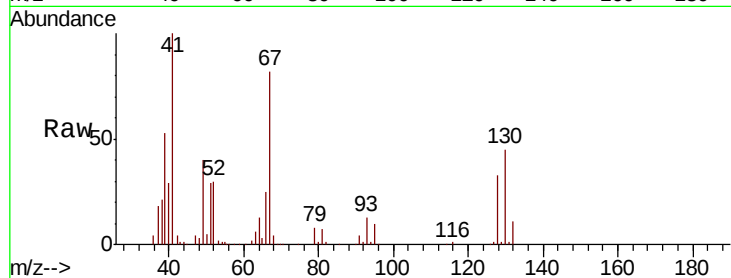
Ion Ratio Lower Upper

41 100

39 52.9 43.8 65.8

67 80.9 66.6 100.0

52 30.6 24.5 36.7

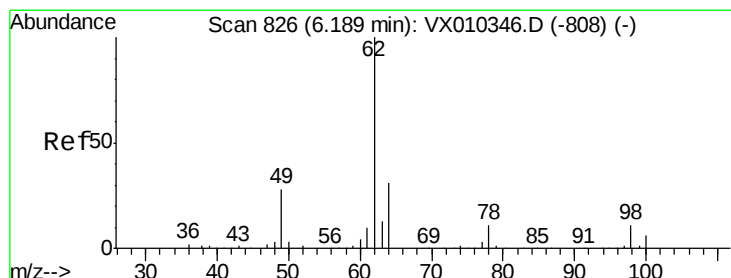
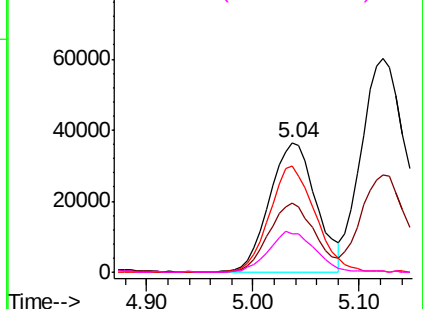


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.952 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010351.D

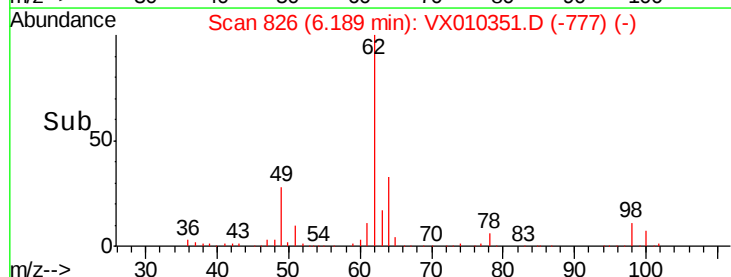
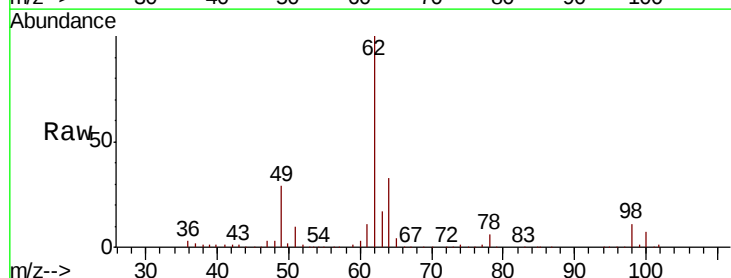
Acq: 20 Jun 2019 10:48

Tgt Ion: 62 Resp: 186955

Ion Ratio Lower Upper

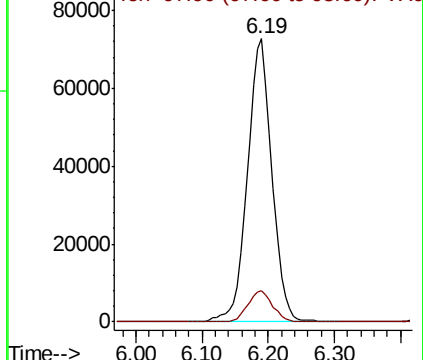
62 100

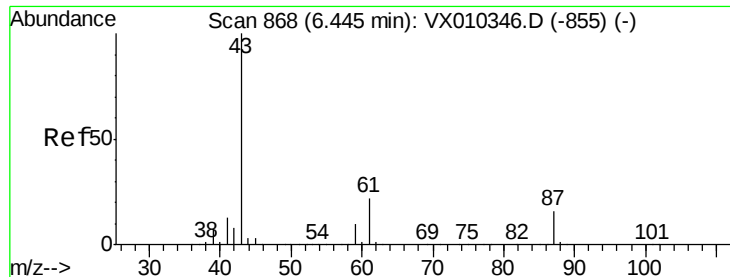
98 11.1 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.754 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

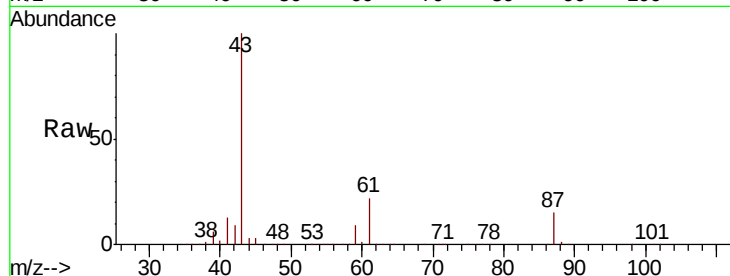
Tot Ion: 43 Resp: 334356

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

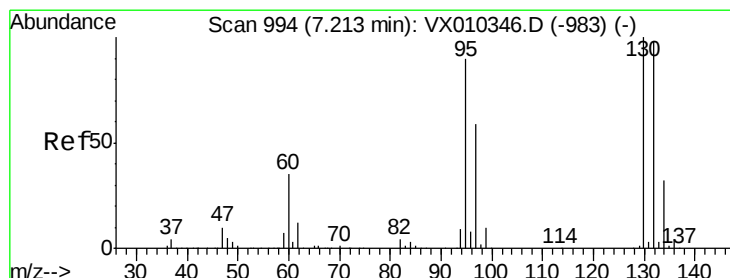
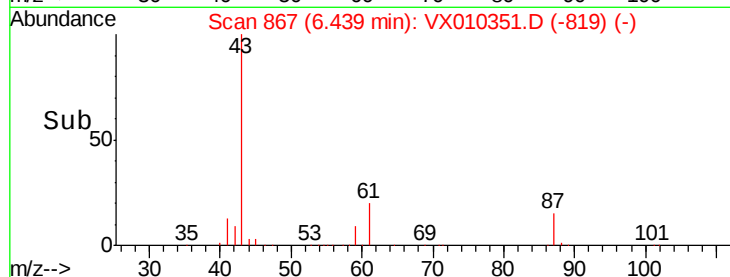
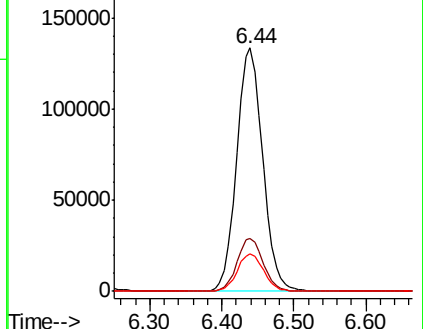
87 15.7 13.0 19.4



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: 55.098 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010351.D

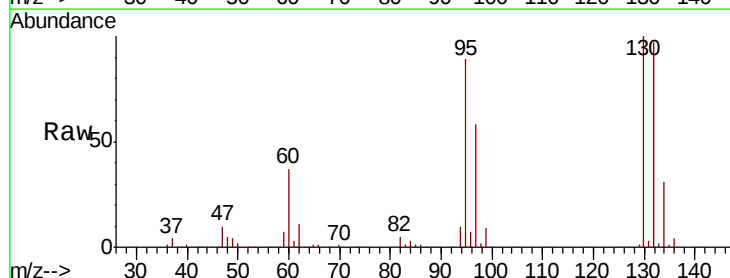
Acq: 20 Jun 2019 10:48

Tgt Ion:130 Resp: 180972

Ion Ratio Lower Upper

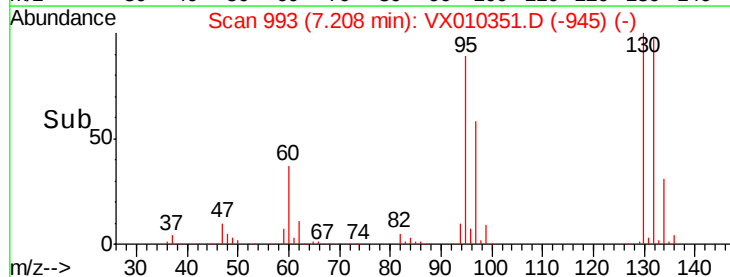
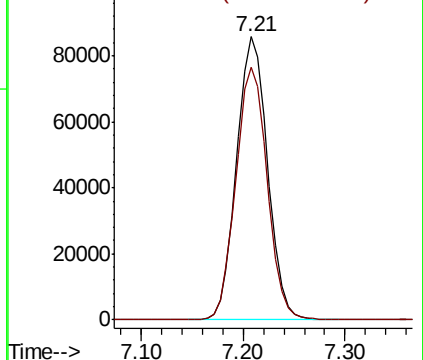
130 100

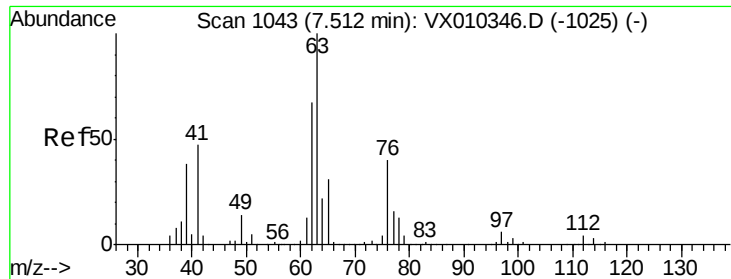
95 89.5 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

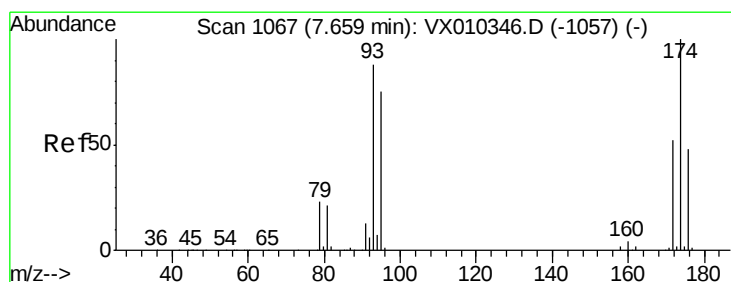
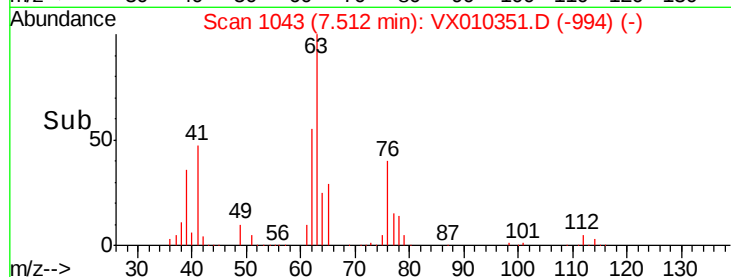
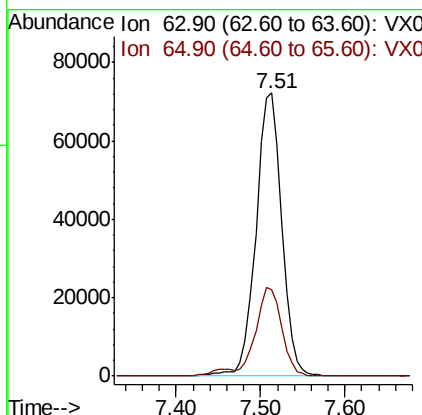
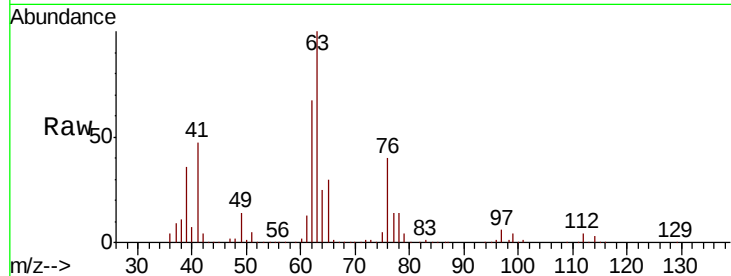




#45
1,2-Dichloropropane
Concen: 54.472 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

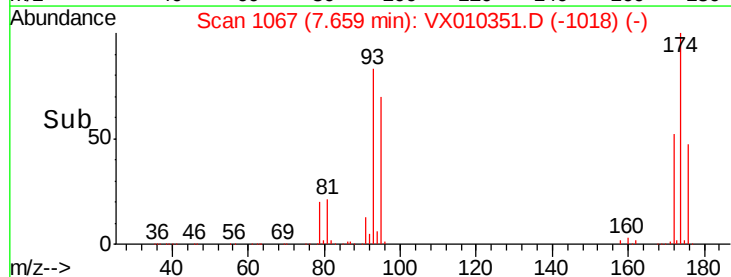
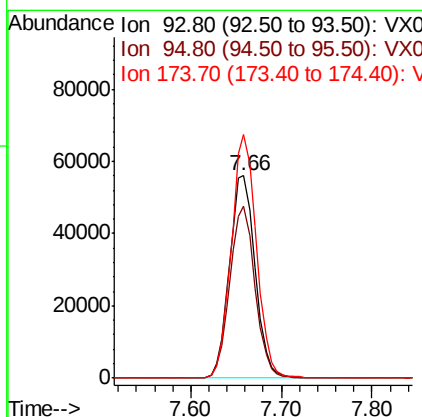
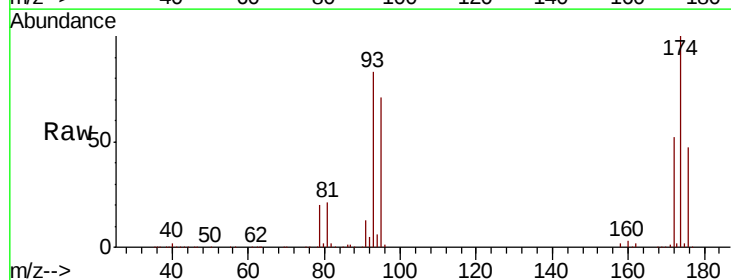
Instrument :
MSVOA_X
ClientSampleId :

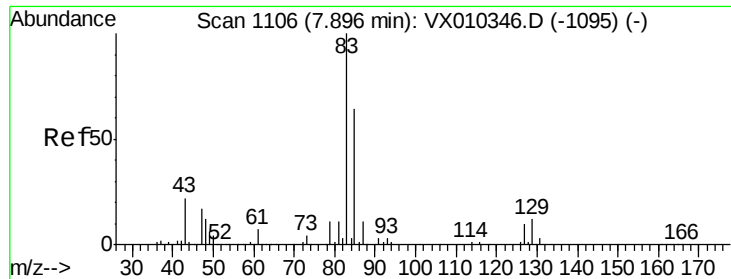
Tot Ion: 63 Resp: 150996
Ion Ratio Lower Upper
63 100
65 30.3 24.8 37.2



#46
Dibromomethane
Concen: 55.442 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 93 Resp: 110264
Ion Ratio Lower Upper
93 100
95 83.3 67.5 101.3
174 118.0 95.8 143.6





#47

Bromodichloromethane

Concen: 56.537 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

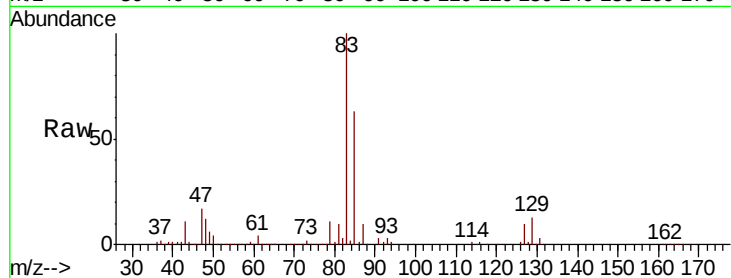
Tot Ion: 83 Resp: 206063

Ion Ratio Lower Upper

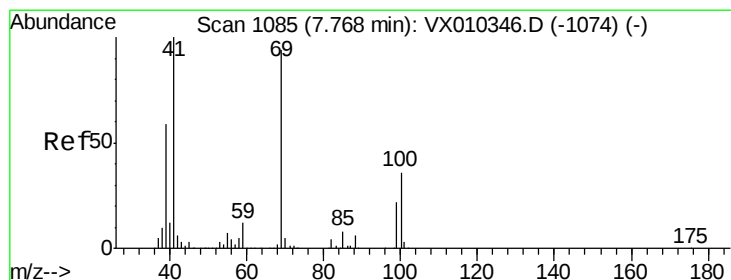
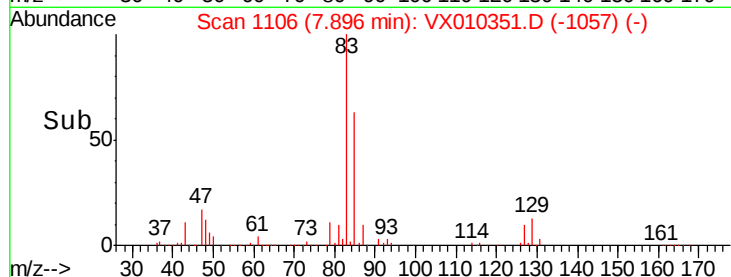
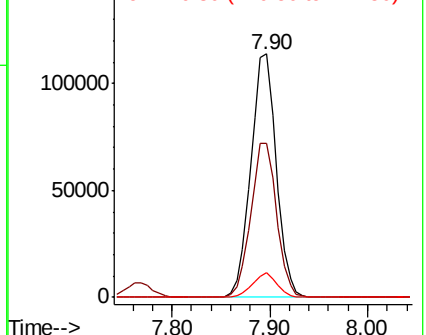
83 100

85 63.1 51.5 77.3

127 9.9 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: 56.123 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

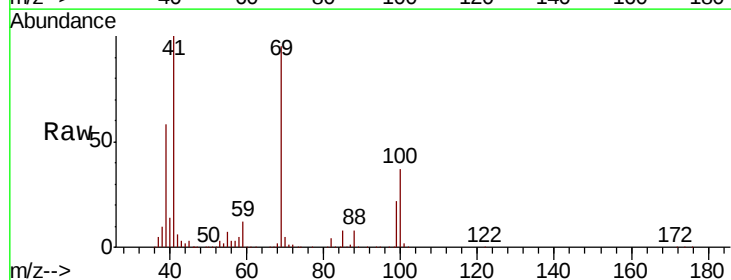
Tgt Ion: 41 Resp: 156442

Ion Ratio Lower Upper

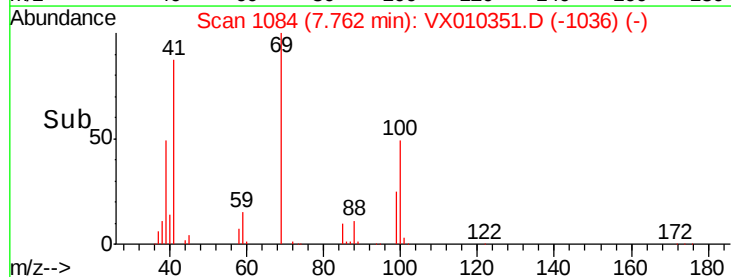
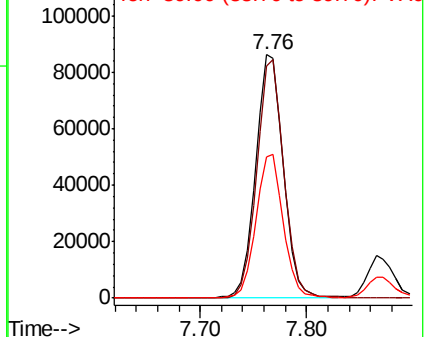
41 100

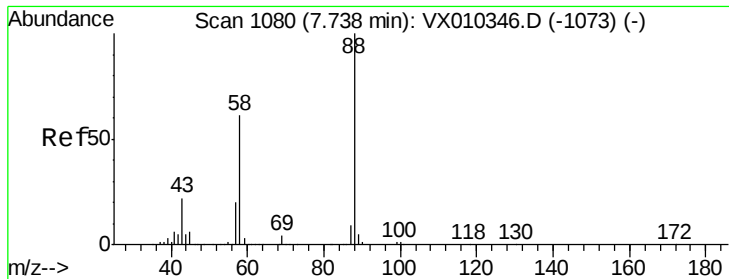
69 96.1 76.1 114.1

39 58.4 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

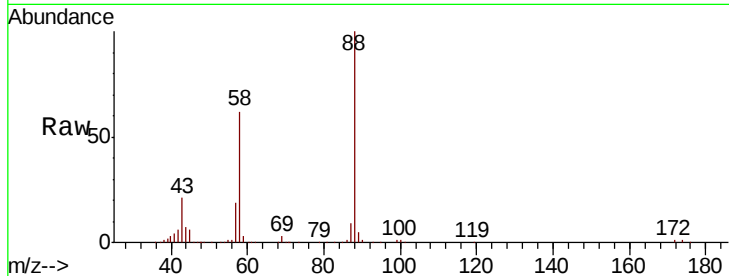




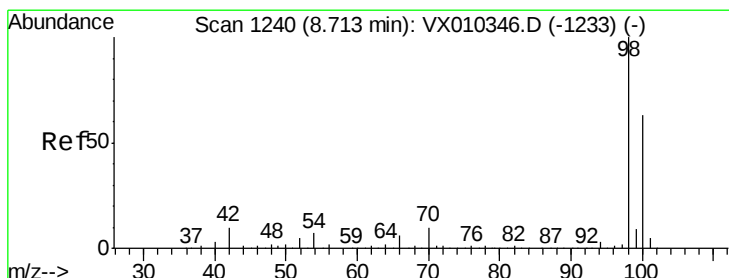
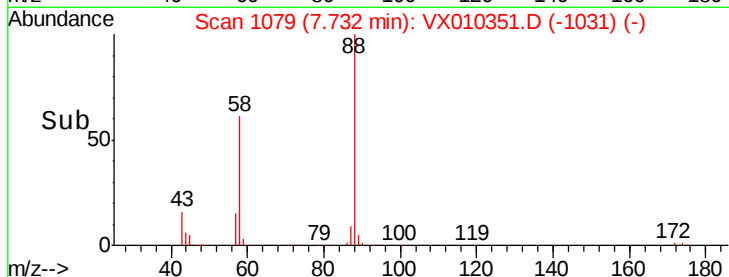
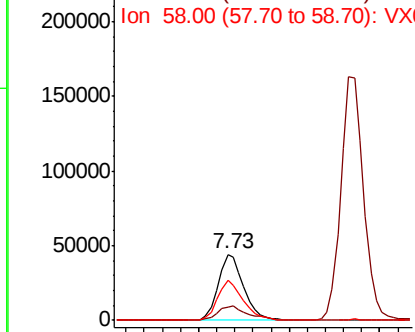
#49
1,4-Dioxane
Concen: 1072.668 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 86135
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.2
58 61.6 49.5 74.3

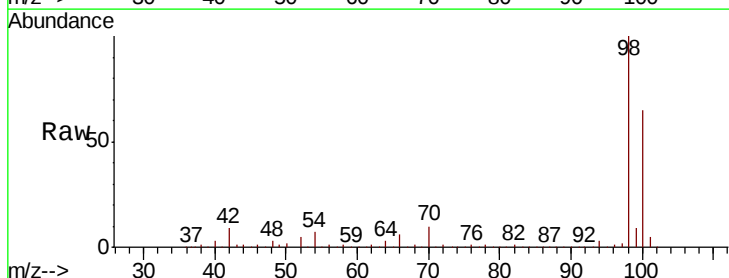


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

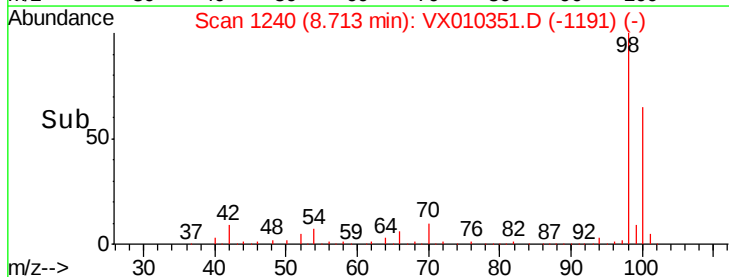
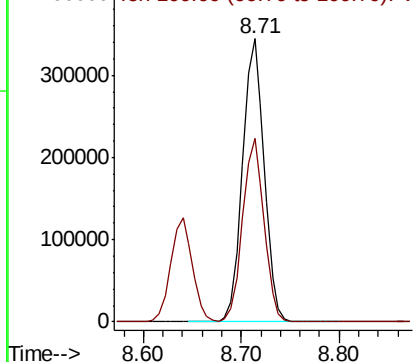


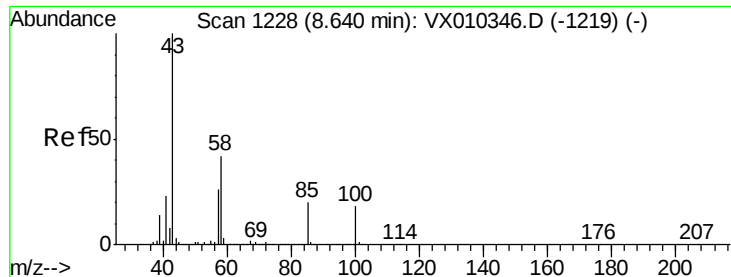
#50
Toluene-d8
Concen: 50.833 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 98 Resp: 527574
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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

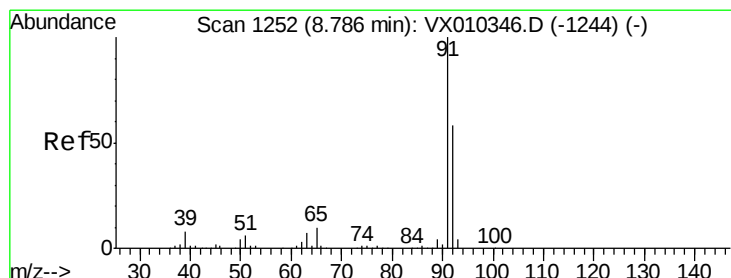
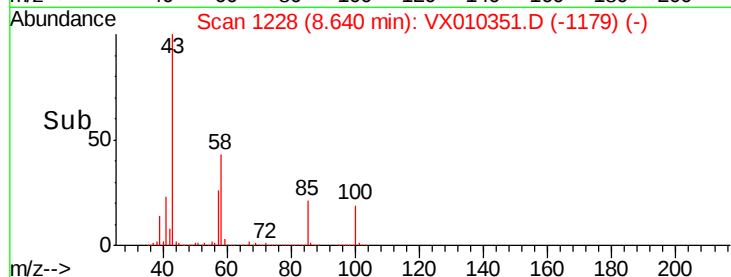
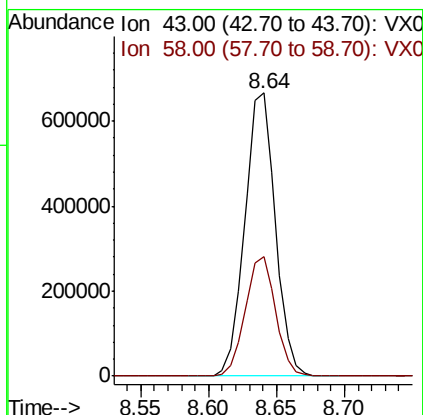
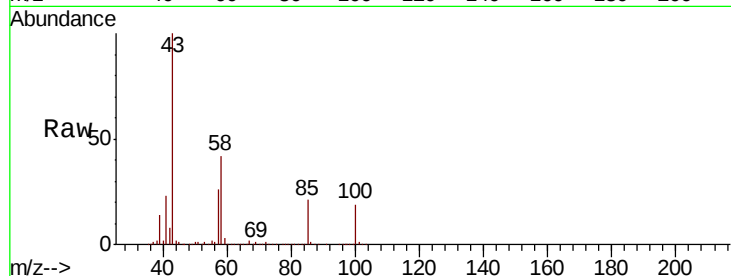




#51
4-Methyl-2-Pentanone
Concen: 273.181 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

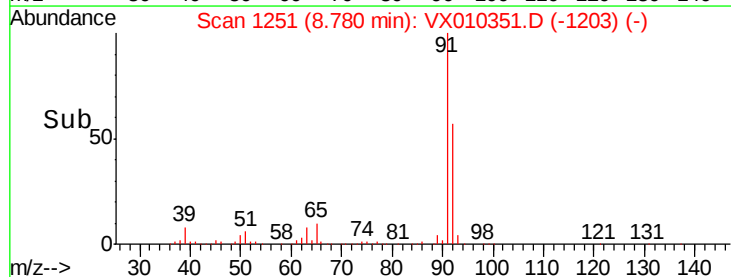
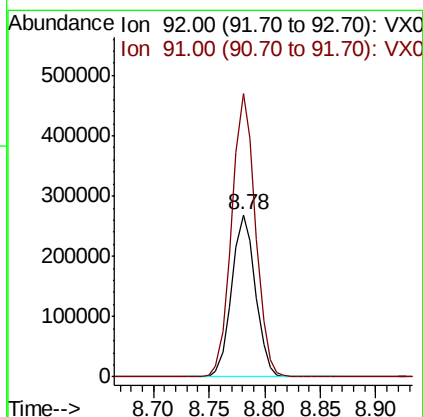
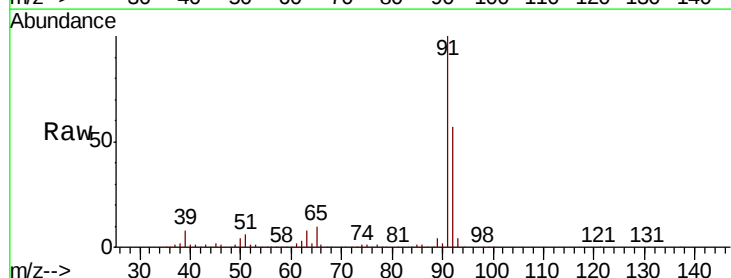
Instrument :
MSVOA_X
ClientSampleId :

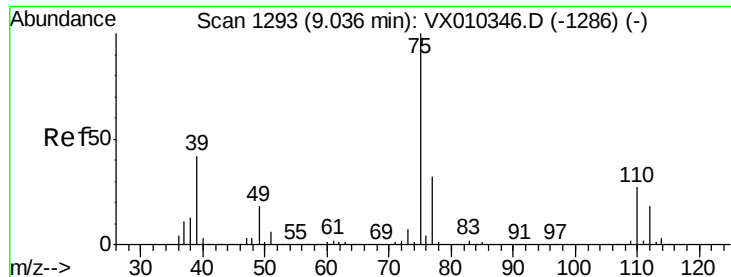
Tot Ion: 43 Resp: 1047766
Ion Ratio Lower Upper
43 100
58 41.8 33.5 50.3



#52
Toluene
Concen: 55.070 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 92 Resp: 398080
Ion Ratio Lower Upper
92 100
91 174.5 139.8 209.6

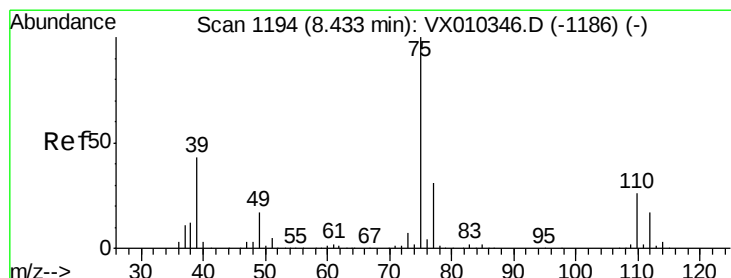
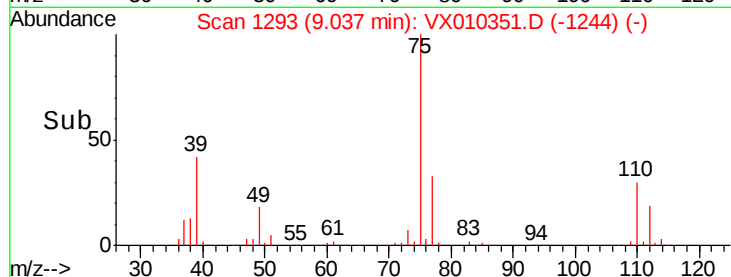
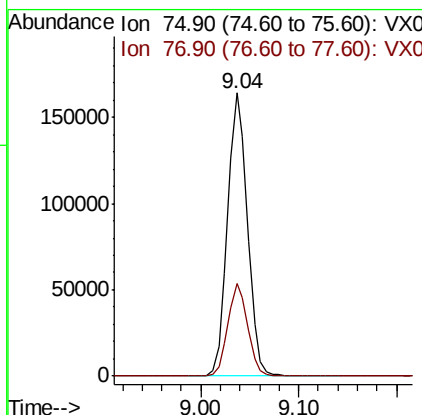
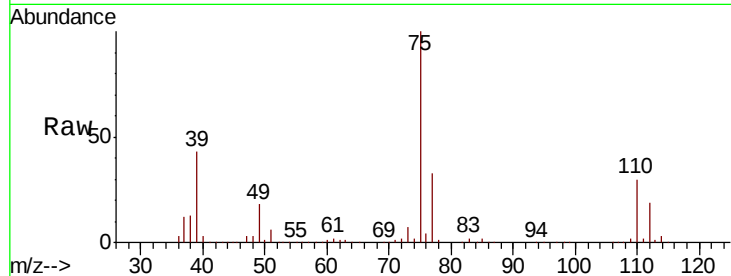




#53
t-1,3-Dichloropropene
Concen: 56.819 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

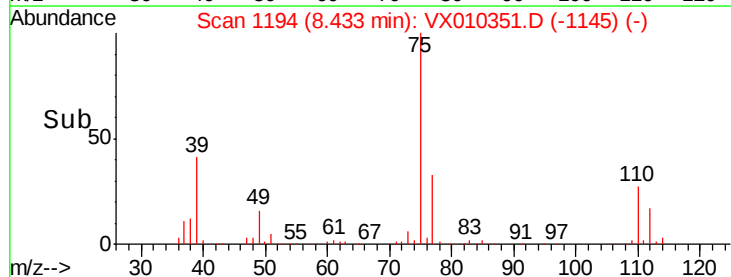
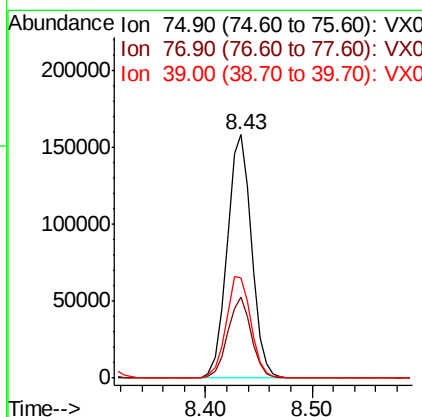
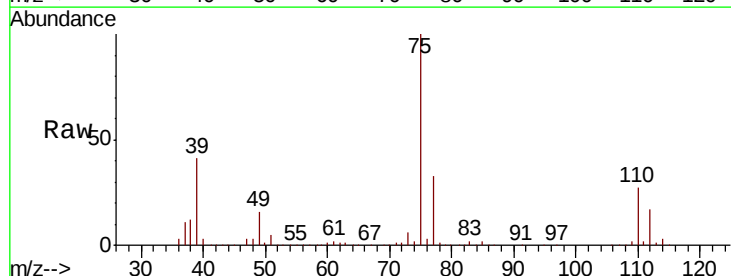
Instrument :
MSVOA_X
ClientSampleId :

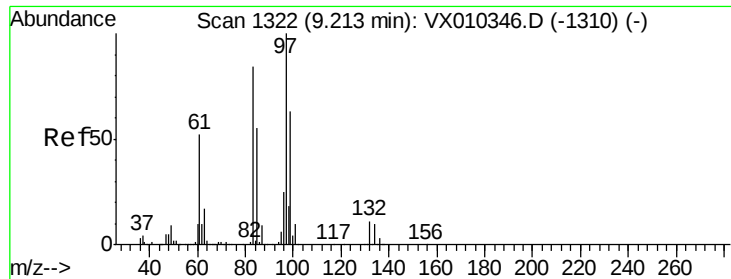
Tot Ion: 75 Resp: 232178
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.131 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 75 Resp: 253697
Ion Ratio Lower Upper
75 100
77 33.1 25.2 37.8
39 40.9 34.5 51.7

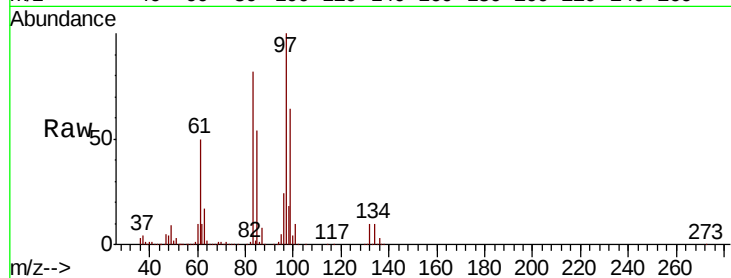




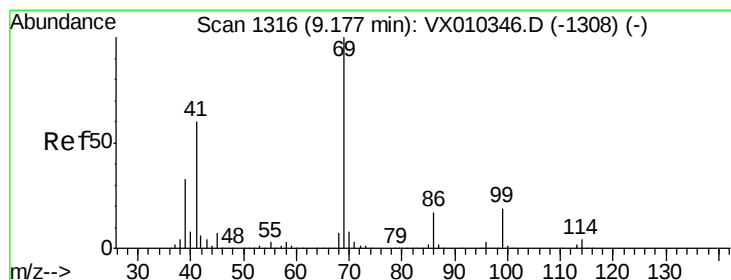
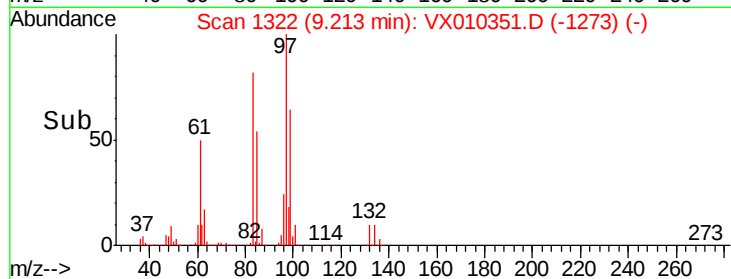
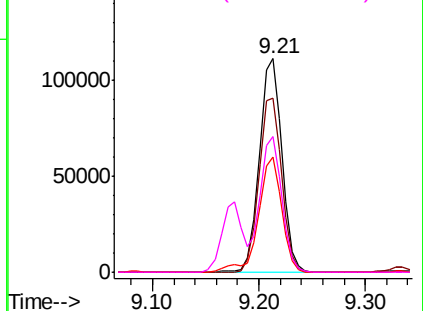
#55
 1,1,2-Trichloroethane
 Concen: 55.555 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	165625
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.4	101.0
85	54.2	43.8	65.8
99	63.6	50.3	75.5

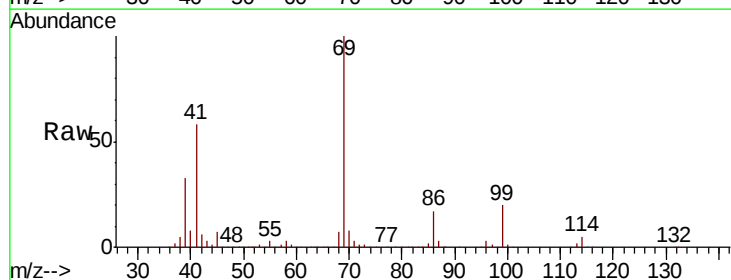


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

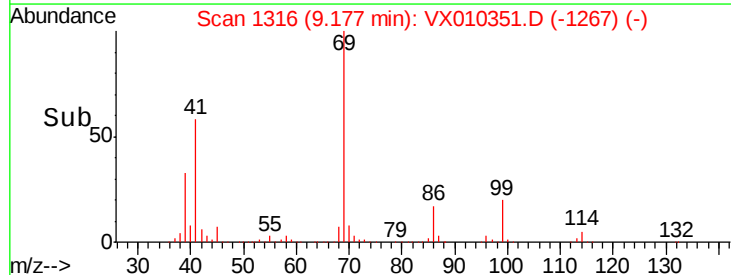
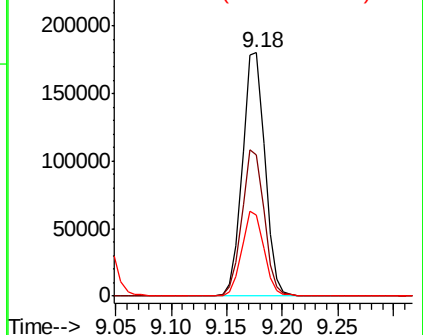


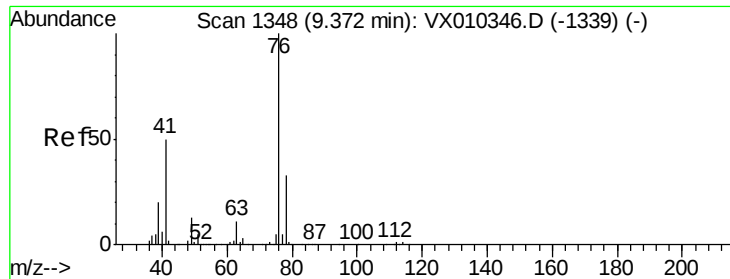
#56
 Ethyl methacrylate
 Concen: 56.202 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:	69	Resp:	253820
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.1	70.7
39	34.0	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: 54.652 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

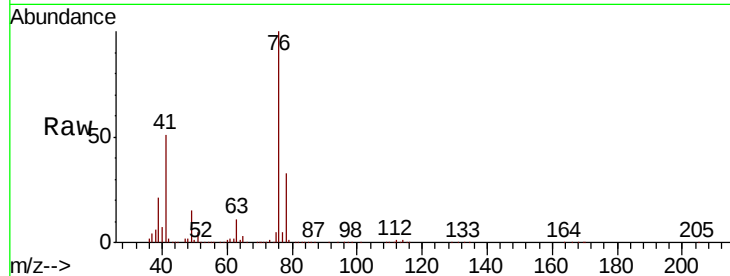
ClientSampleId :

Tot Ion: 76 Resp: 252921

Ion Ratio Lower Upper

76 100

78 33.1 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

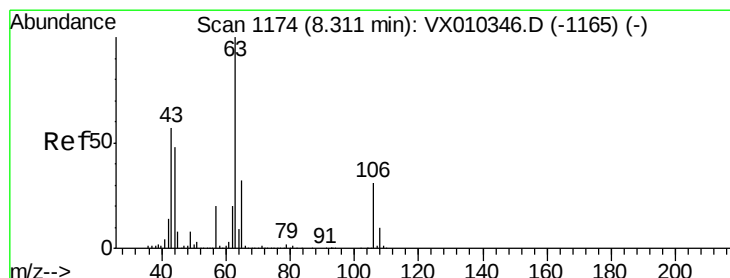
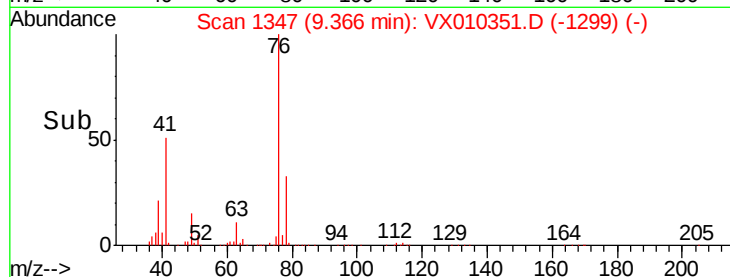
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.944 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010351.D

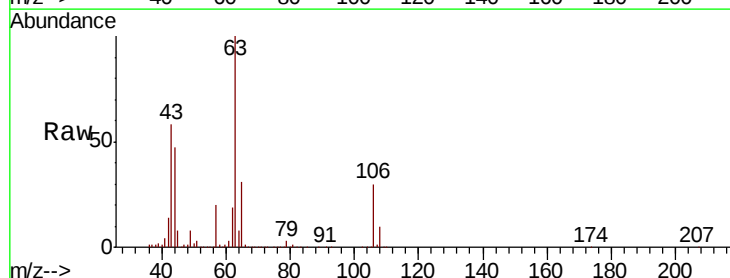
Acq: 20 Jun 2019 10:48

Tgt Ion: 63 Resp: 604733

Ion Ratio Lower Upper

63 100

106 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400000

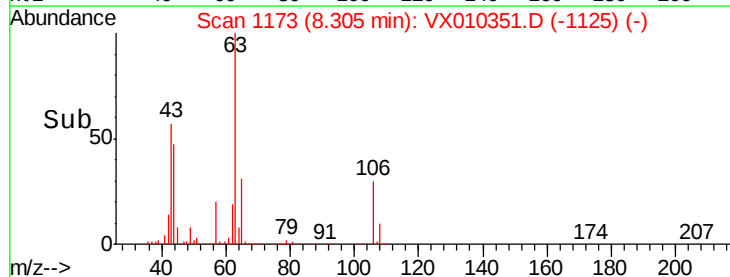
300000

200000

100000

0

Time-->

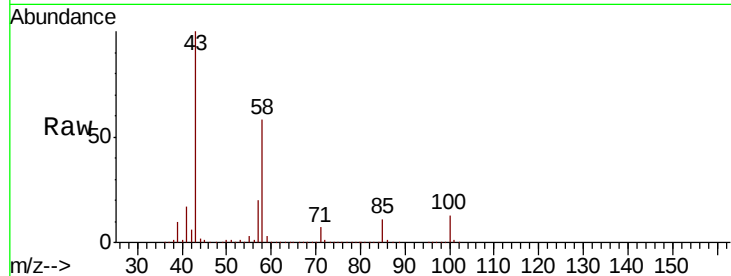




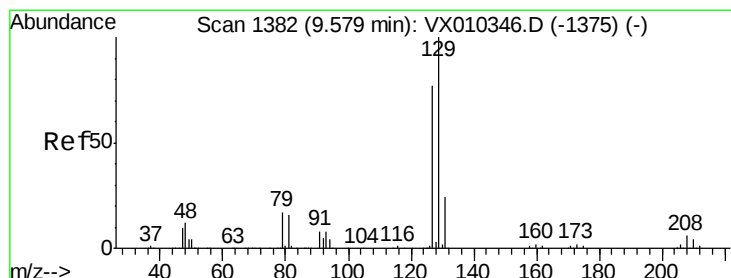
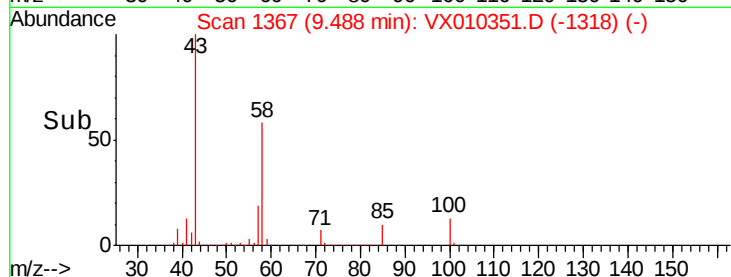
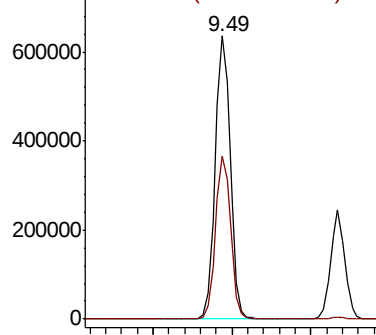
#59
2-Hexanone
Concen: 280.343 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 846248
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1

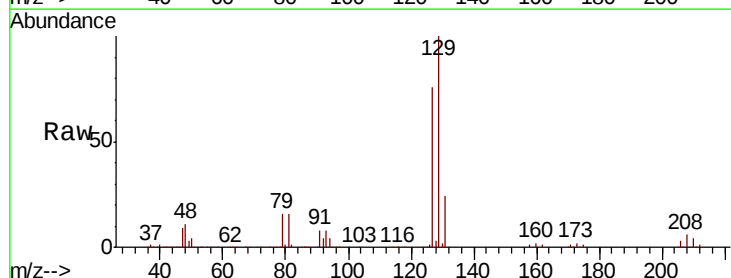


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

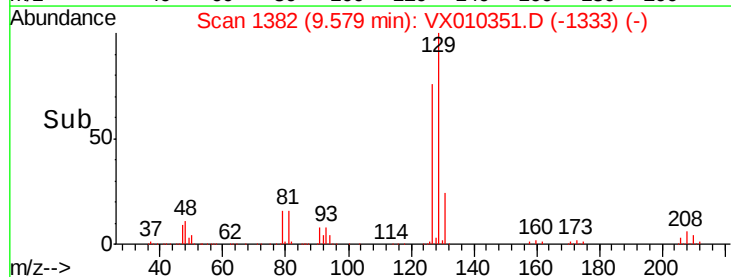
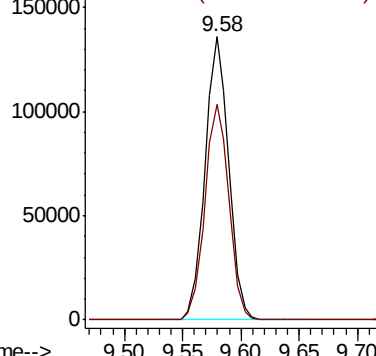


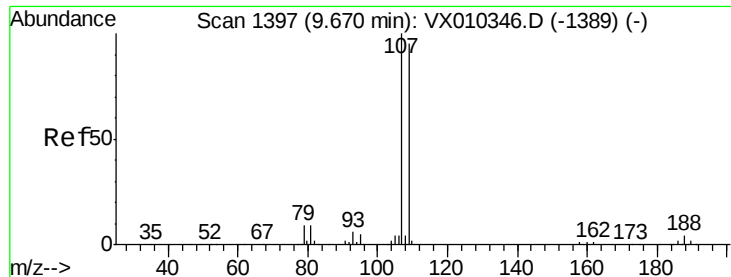
#60
Dibromochloromethane
Concen: 57.602 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion:129 Resp: 192275
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 55.675 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

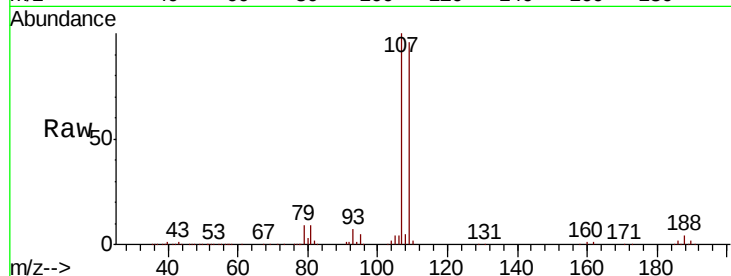
ClientSampleId :

Tot Ion:107 Resp: 179157

Ion Ratio Lower Upper

107 100

109 95.0 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

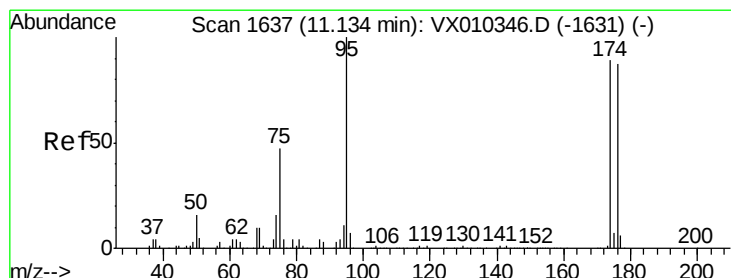
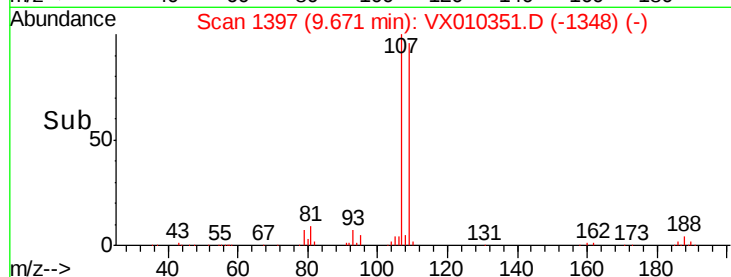
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

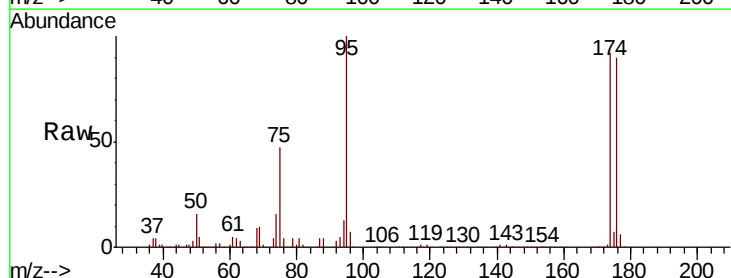
Tgt Ion: 95 Resp: 192974

Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.6

176 91.0 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

11.13

200000

150000

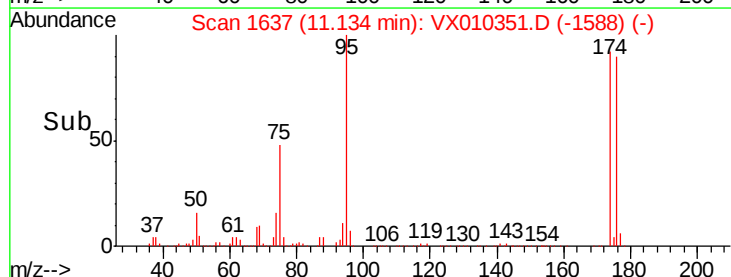
100000

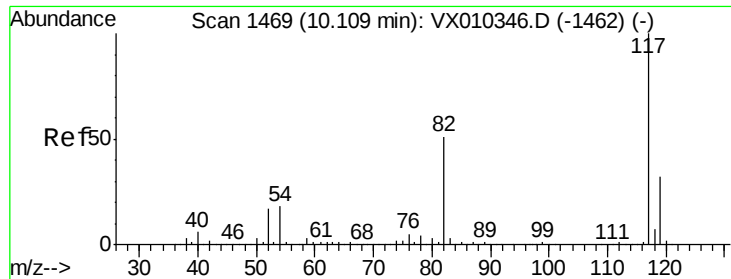
50000

0

Time-->

11.10 11.20

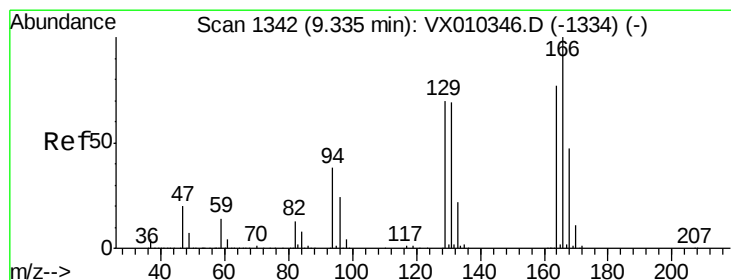
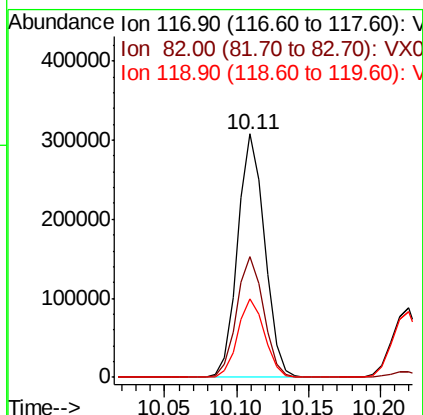
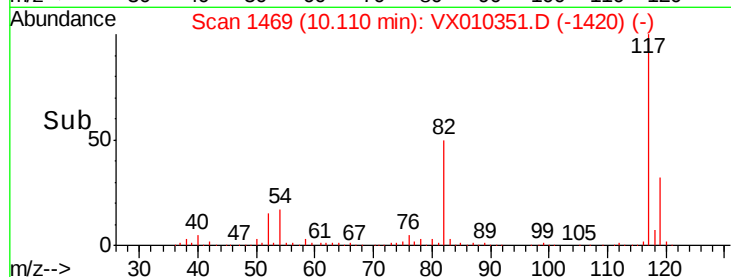
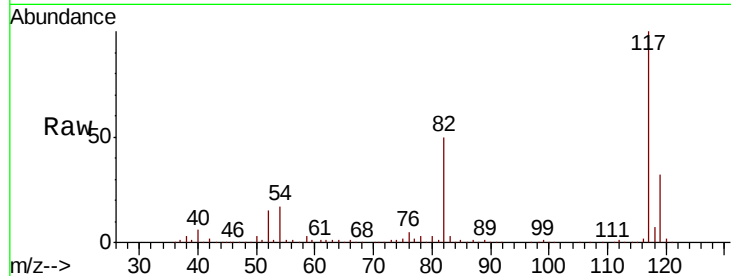




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

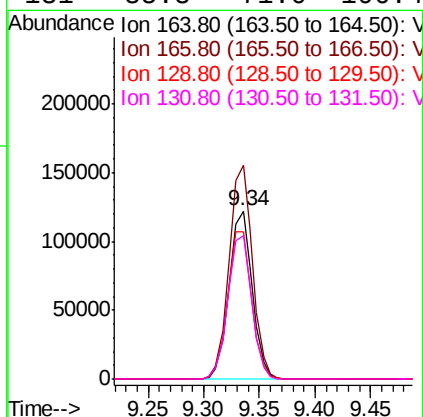
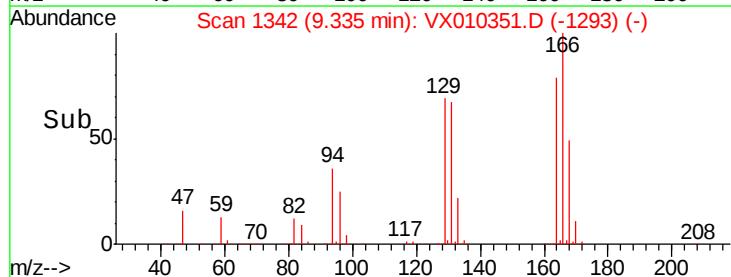
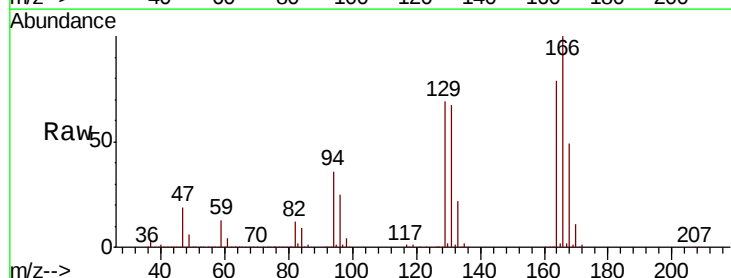
Instrument :
MSVOA_X
ClientSampleId :

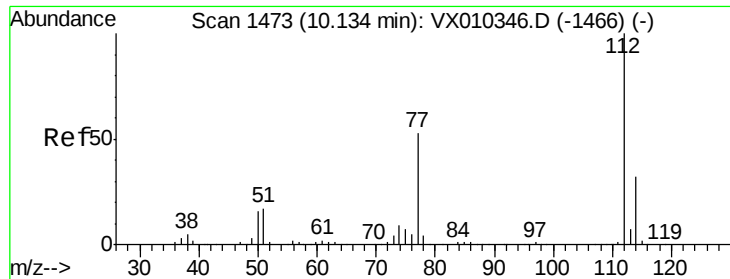
Tot Ion:117 Resp: 402286
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 53.795 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion:164 Resp: 175038
Ion Ratio Lower Upper
164 100
166 127.3 103.6 155.4
129 87.7 73.0 109.4
131 85.8 71.0 106.4

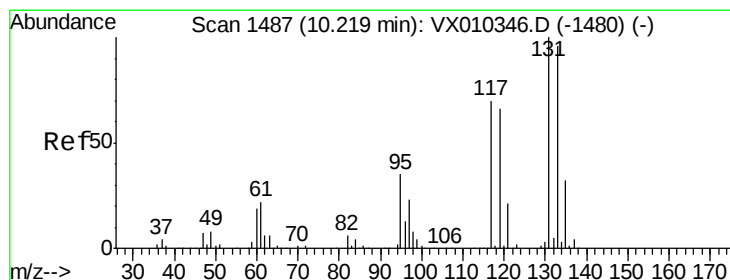
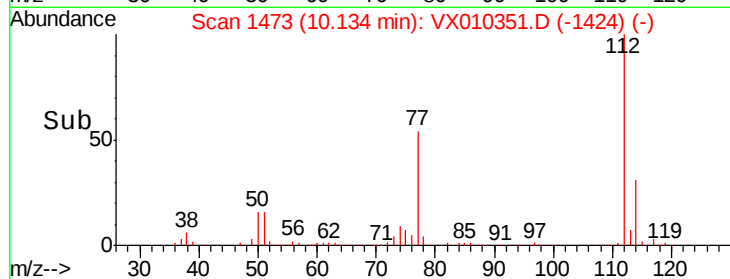
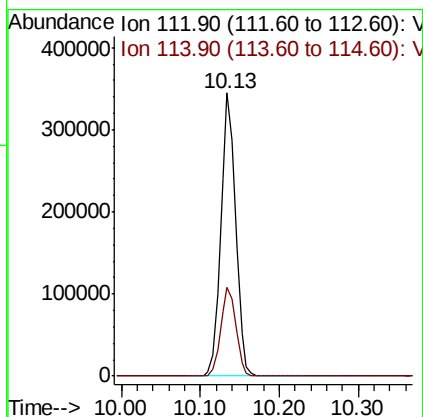
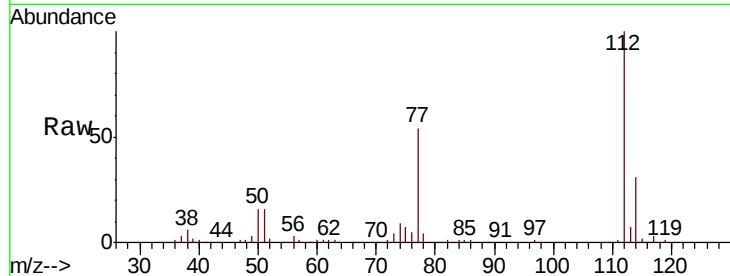




#65
Chlorobenzene
Concen: 55.094 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

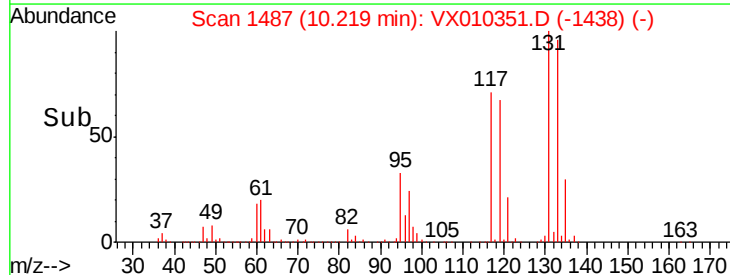
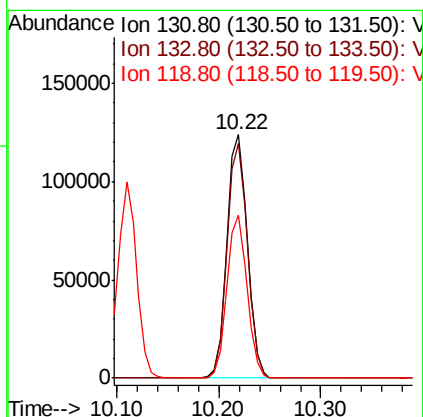
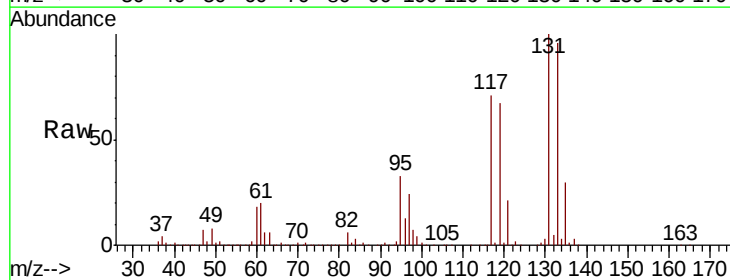
Instrument :
MSVOA_X
ClientSampleId :

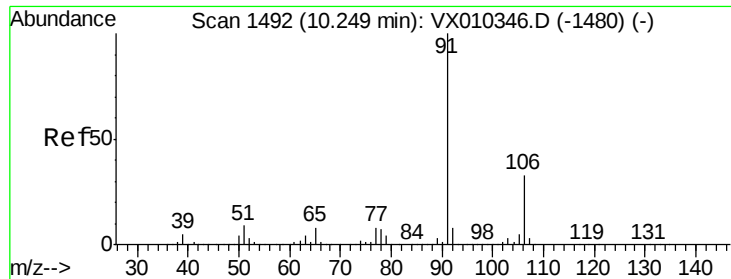
Tot Ion:112 Resp: 449965
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.375 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion:131 Resp: 170684
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 66.1 32.6 97.7

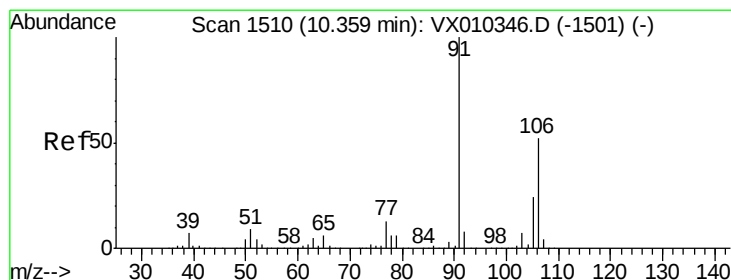
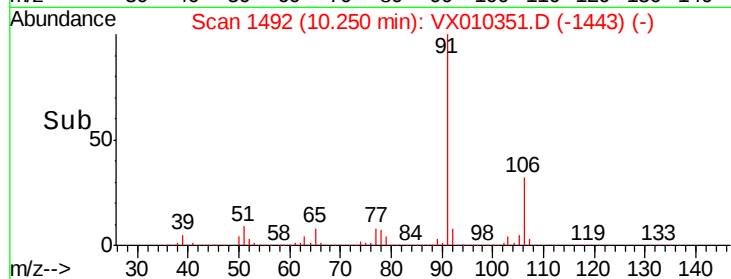
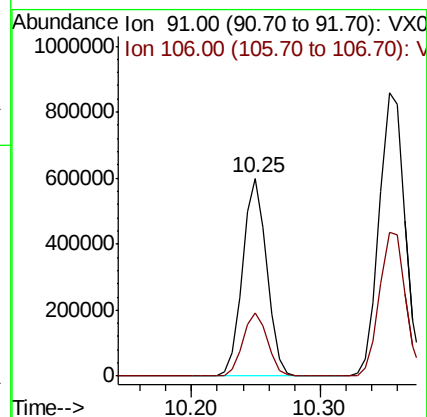
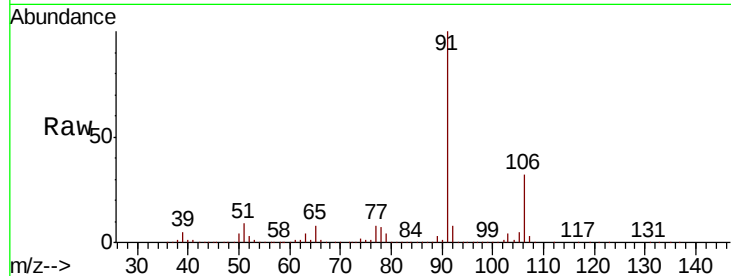




#67
Ethyl Benzene
Concen: 56.304 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

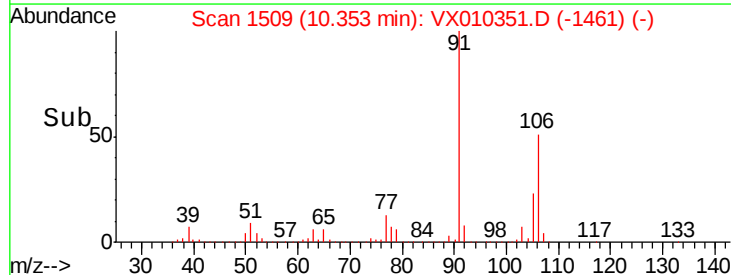
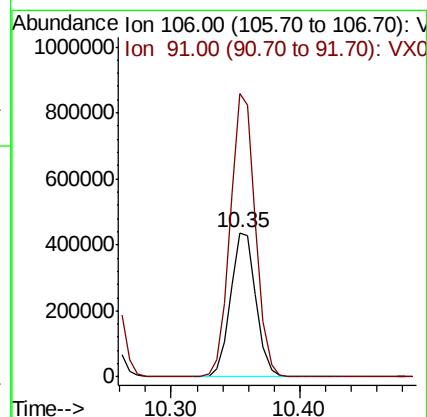
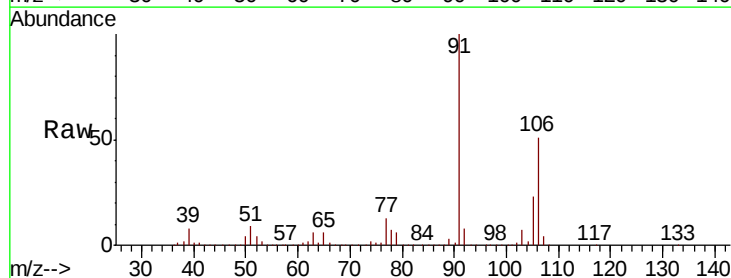
Instrument :
MSVOA_X
ClientSampled :

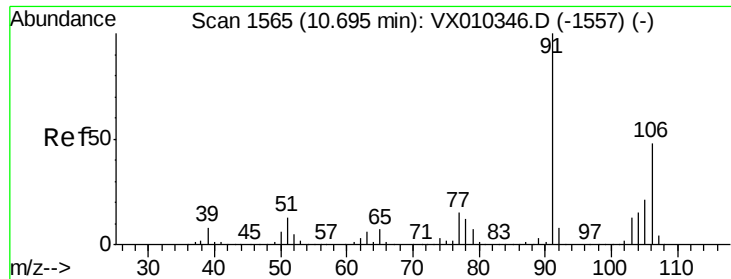
Tot Ion: 91 Resp: 776323
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



#68
m/p-Xylenes
Concen: 113.504 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 106 Resp: 606396
Ion Ratio Lower Upper
106 100
91 193.9 155.3 232.9

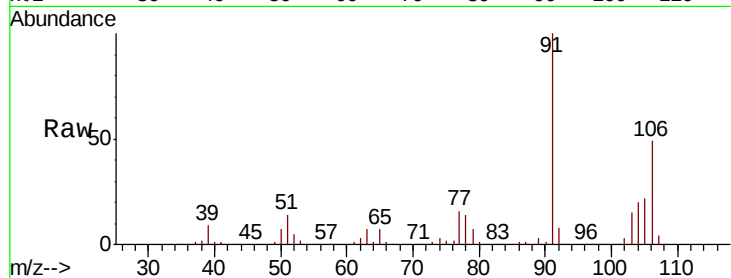




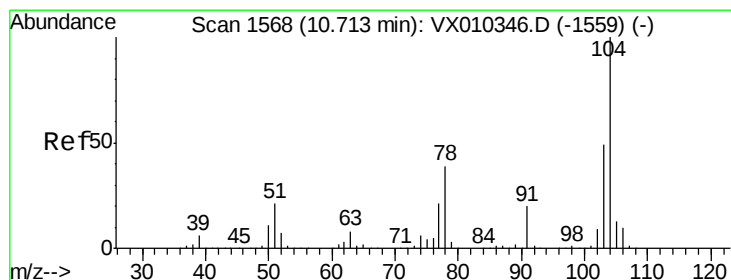
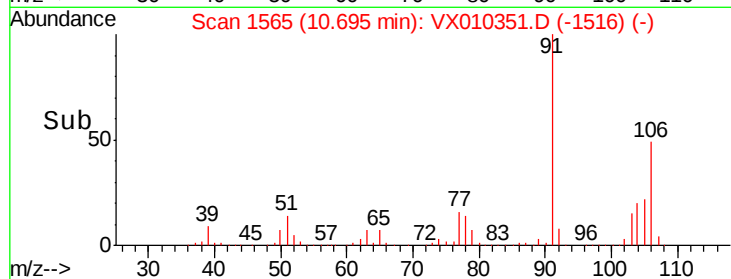
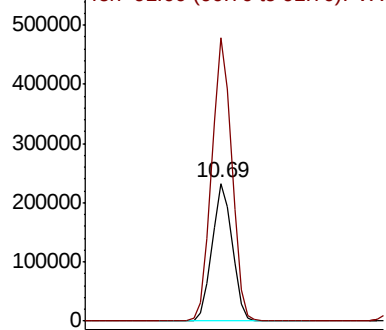
#69
o-Xylene
Concen: 55.870 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 293533
Ion Ratio Lower Upper
106 100
91 204.4 102.7 308.1

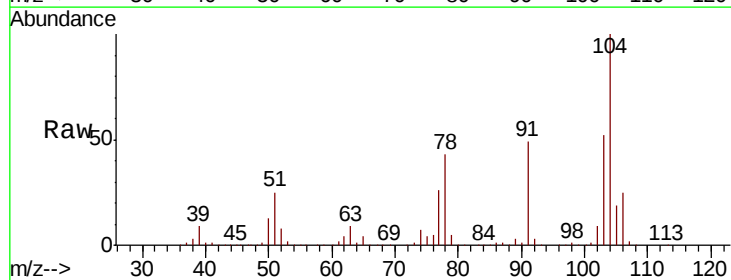


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

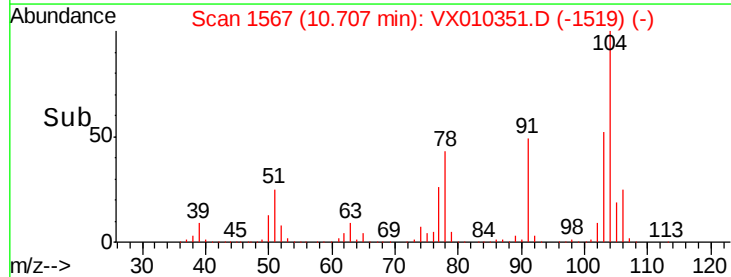
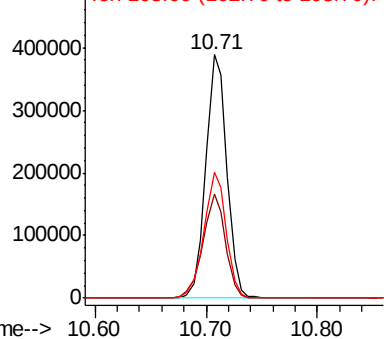


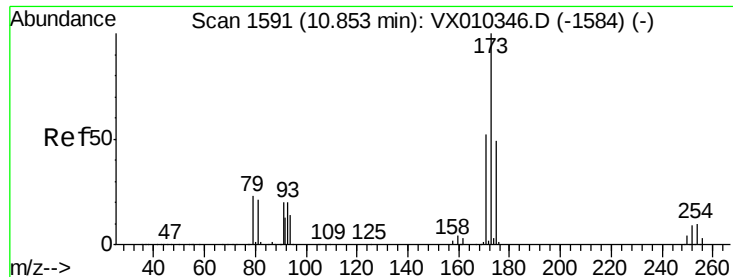
#70
Styrene
Concen: 57.539 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion:104 Resp: 506973
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.2
103 54.8 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: 60.662 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

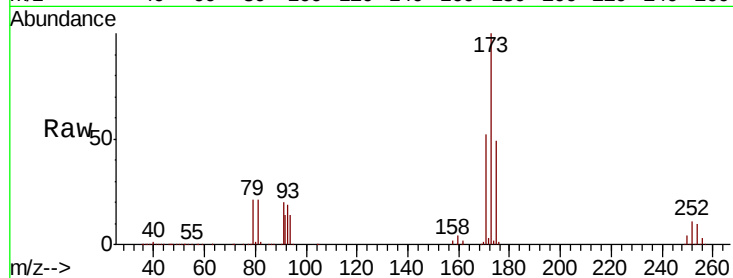
Tot Ion:173 Resp: 156937

Ion Ratio Lower Upper

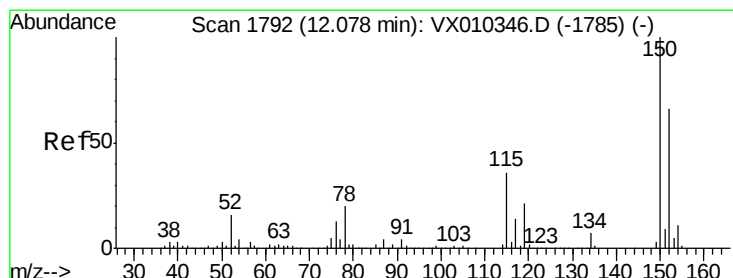
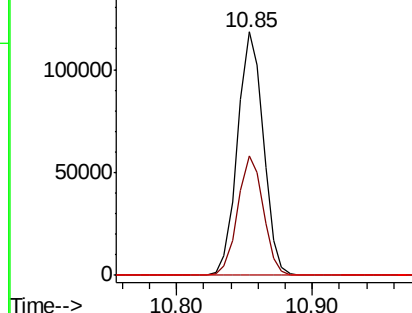
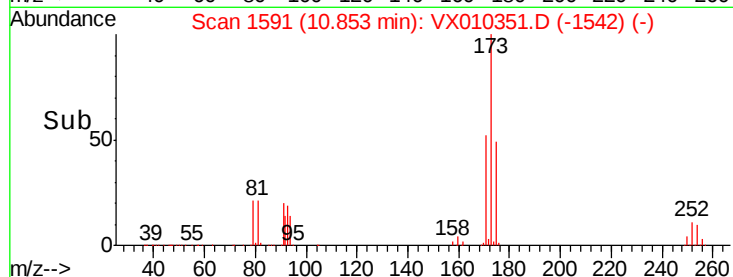
173 100

175 48.4 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: VX010351.D

Acq: 20 Jun 2019 10:48

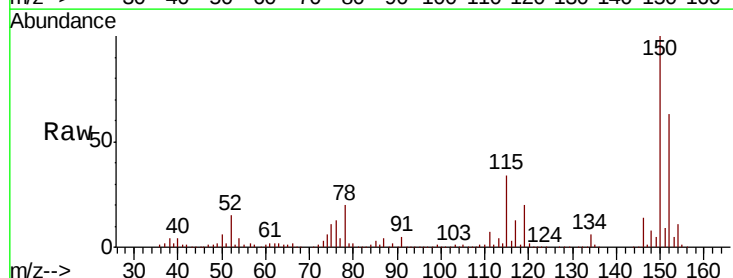
Tgt Ion:152 Resp: 208950

Ion Ratio Lower Upper

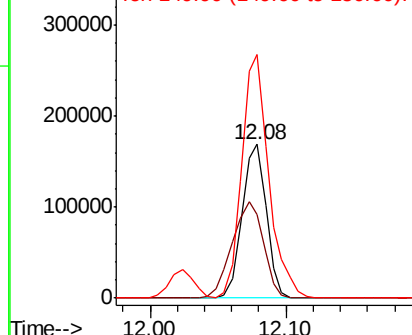
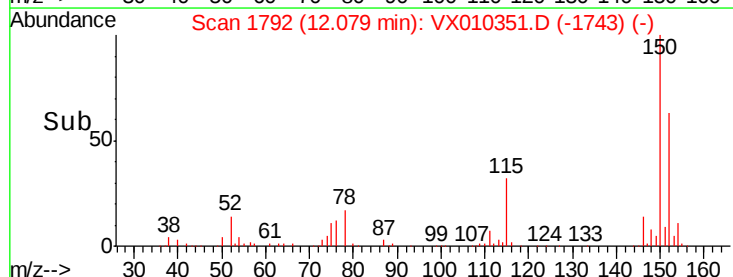
152 100

115 80.7 38.6 115.7

150 176.0 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: 55.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

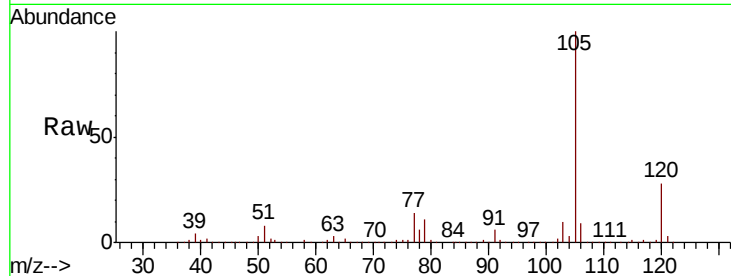
ClientSampleId :

Tot Ion:105 Resp: 788136

Ion Ratio Lower Upper

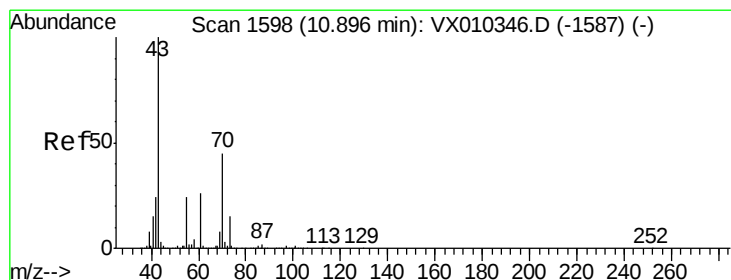
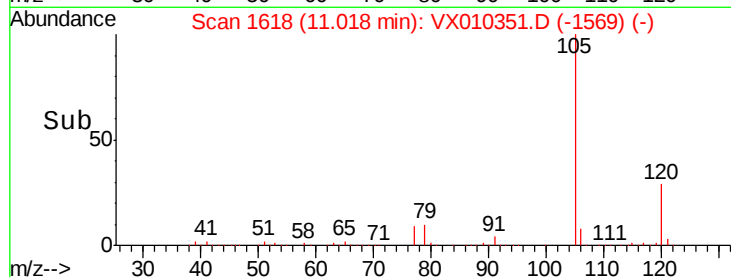
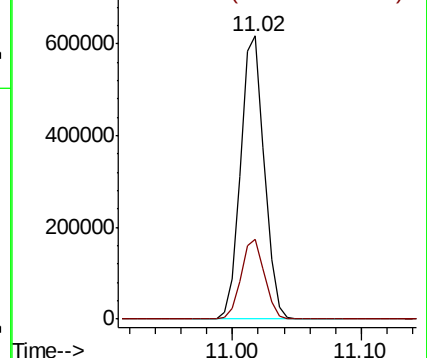
105 100

120 27.9 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: 57.206 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Tgt Ion: 43 Resp: 306222

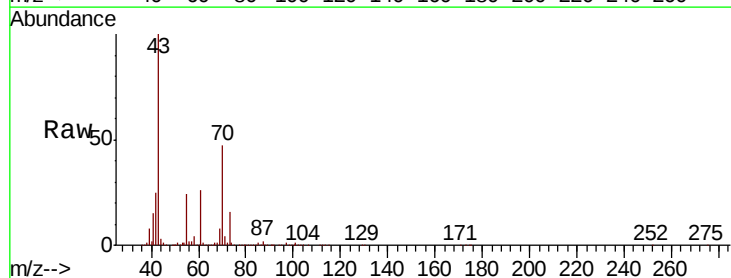
Ion Ratio Lower Upper

43 100

70 45.6 36.6 54.8

55 23.4 18.7 28.1

61 26.0 20.6 31.0

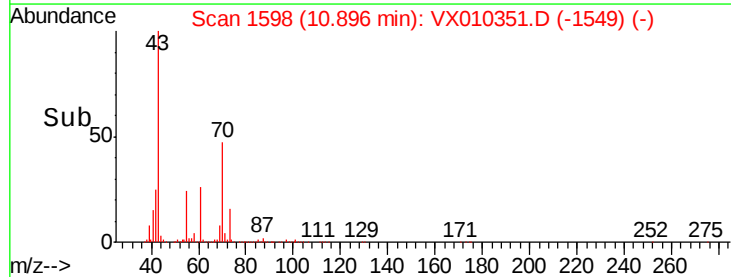
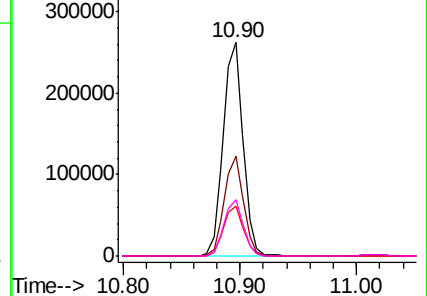


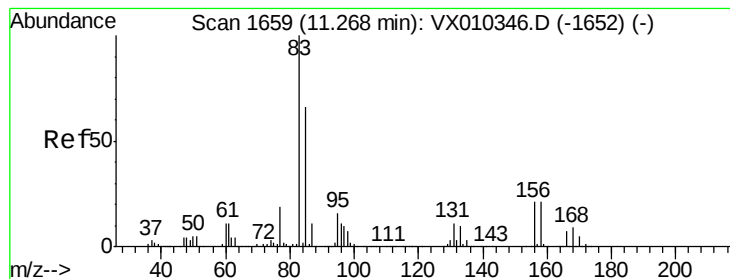
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

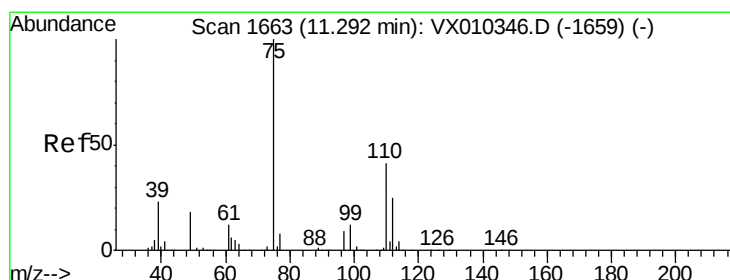
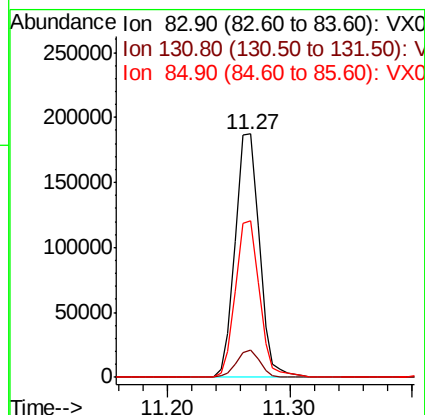
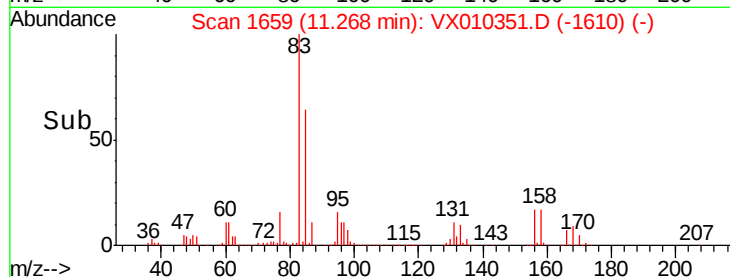
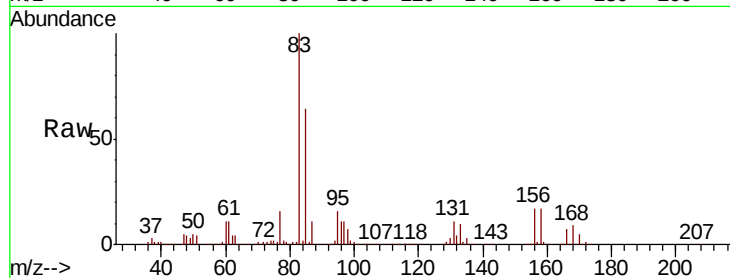
Tot Ion: 83 Resp: 255722

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 63.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 77.477 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010351.D

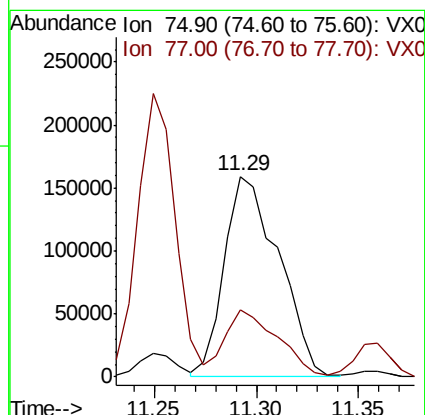
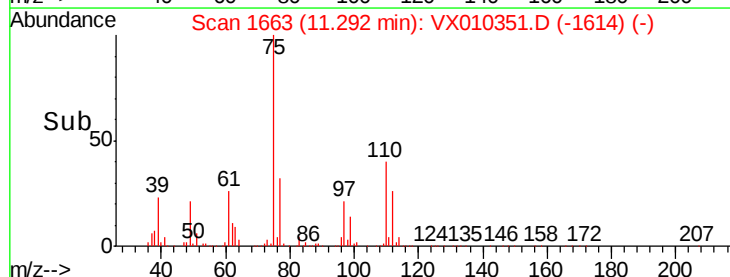
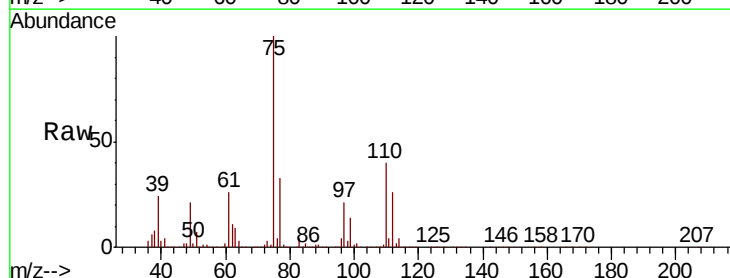
Acq: 20 Jun 2019 10:48

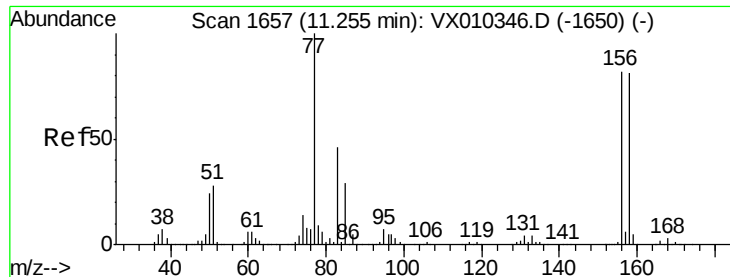
Tgt Ion: 75 Resp: 295002

Ion Ratio Lower Upper

75 100

77 32.2 22.6 67.8





#77

Bromobenzene

Concen: 54.472 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

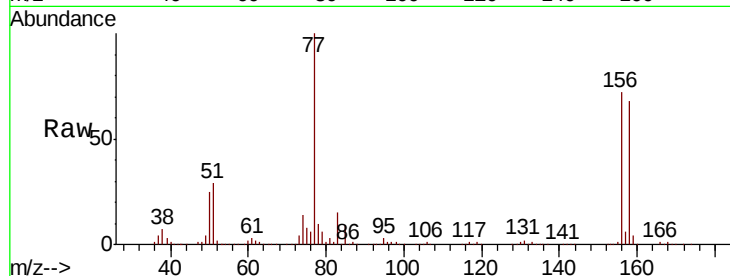
Tot Ion:156 Resp: 215439

Ion Ratio Lower Upper

156 100

77 133.0 66.3 198.7

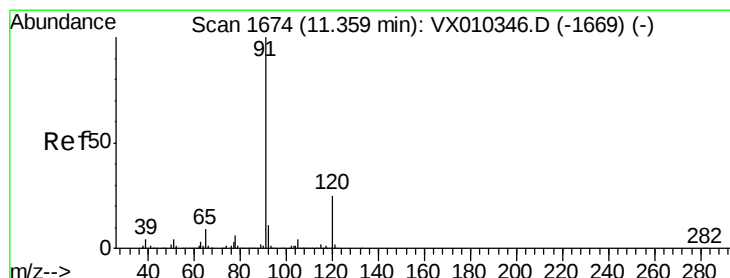
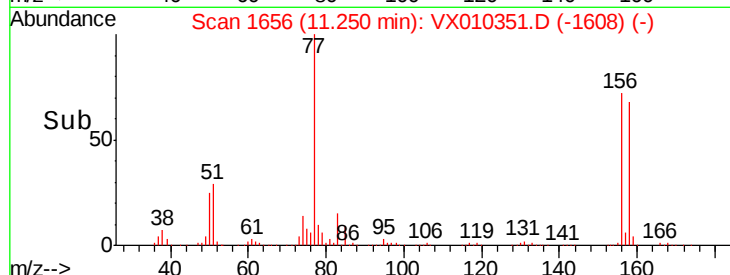
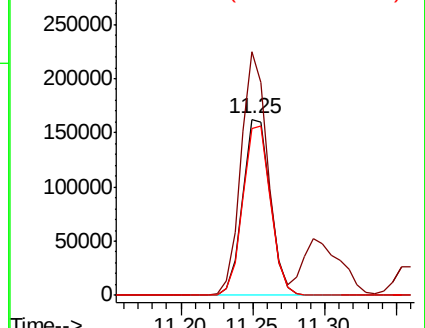
158 97.0 48.9 146.7



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: 57.000 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010351.D

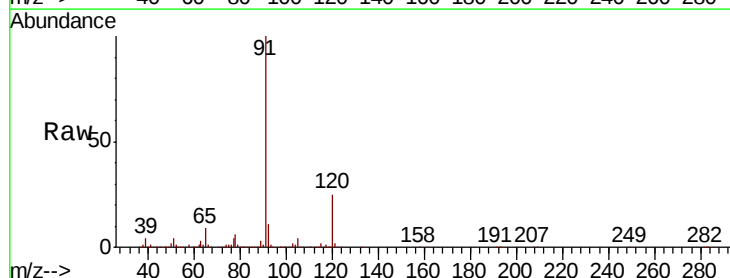
Acq: 20 Jun 2019 10:48

Tgt Ion: 91 Resp: 887321

Ion Ratio Lower Upper

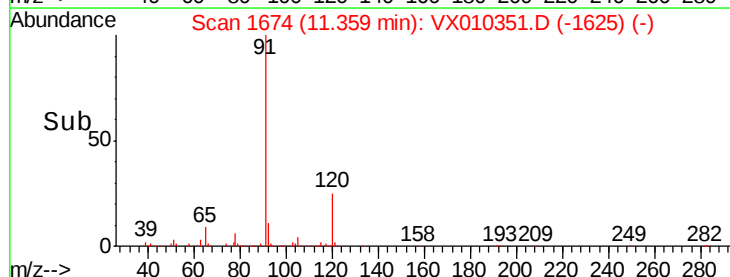
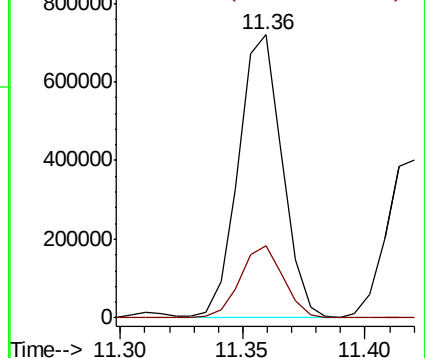
91 100

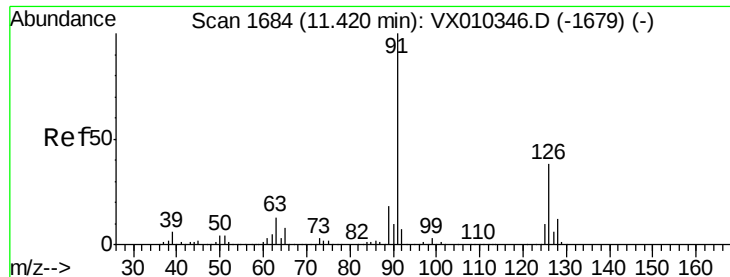
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.545 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

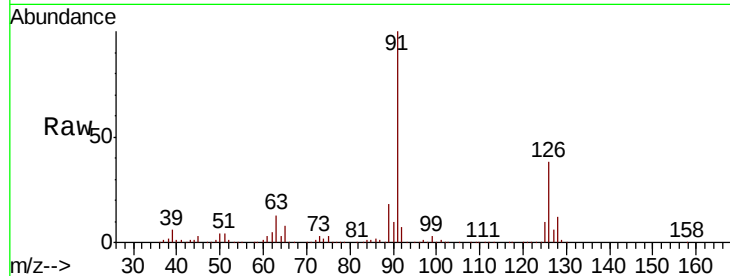
ClientSampleId :

Tot Ion: 91 Resp: 514895

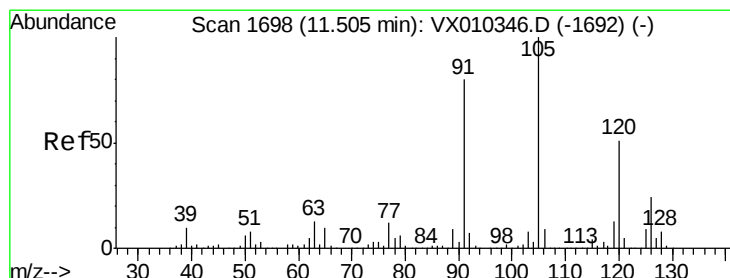
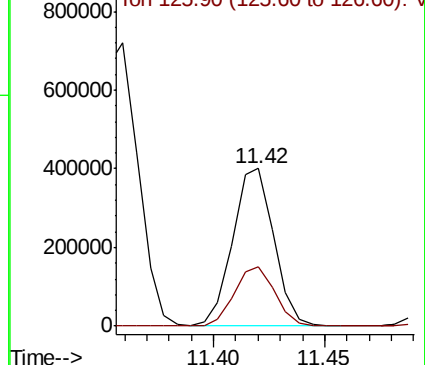
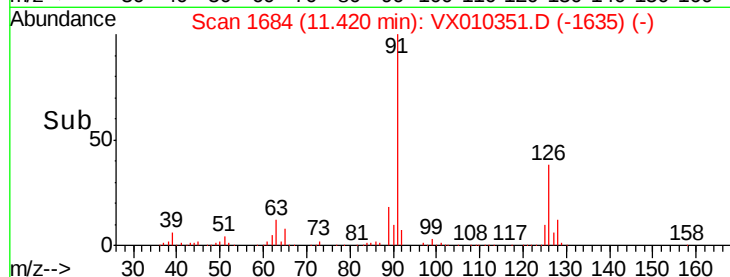
Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010351.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.893 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010351.D

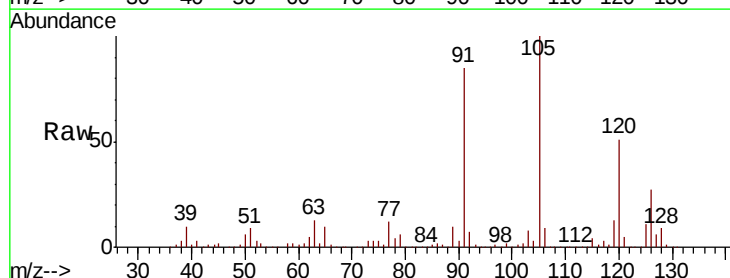
Acq: 20 Jun 2019 10:48

Tgt Ion: 105 Resp: 664317

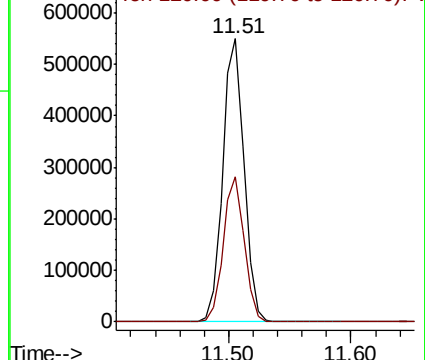
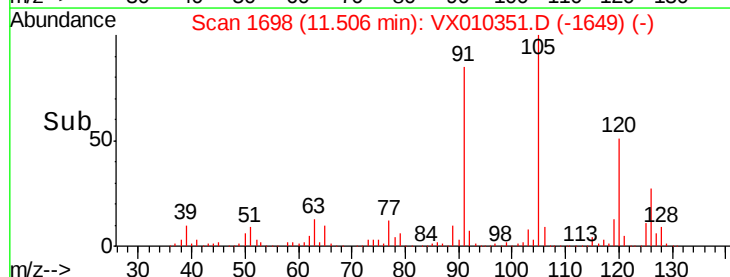
Ion Ratio Lower Upper

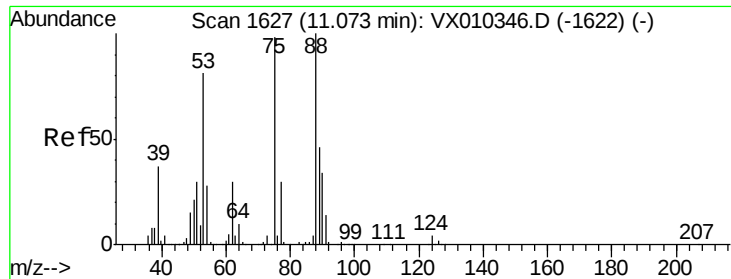
105 100

120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010351.D (-1649) (-)

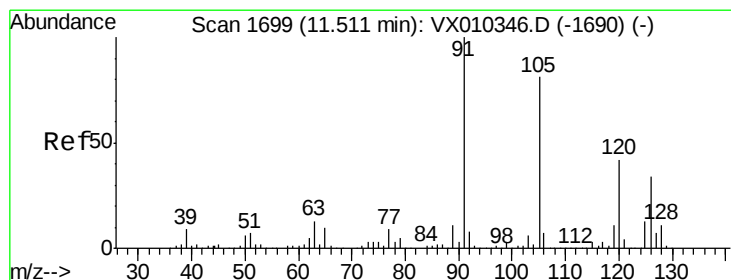
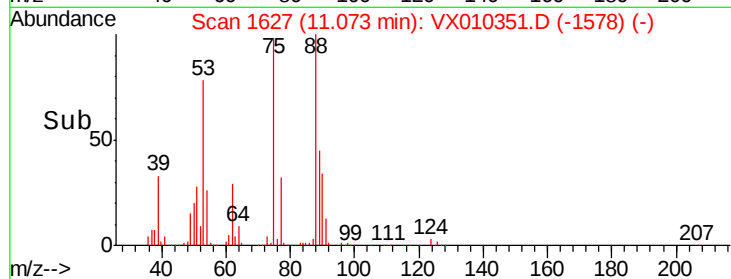
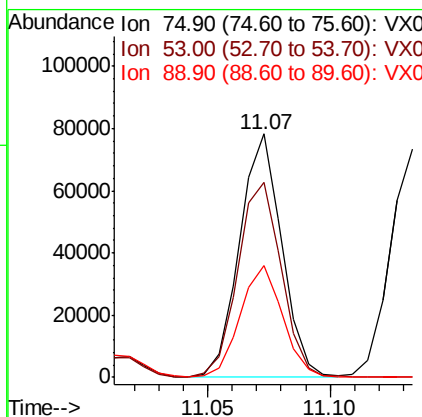
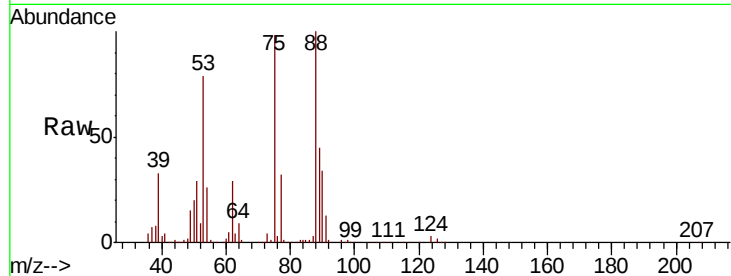




#81
trans-1,4-Dichloro-2-butene
Concen: 56.903 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

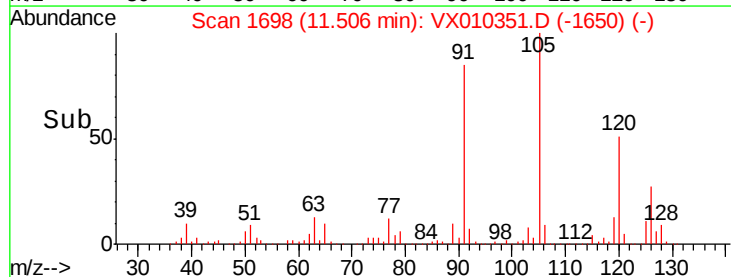
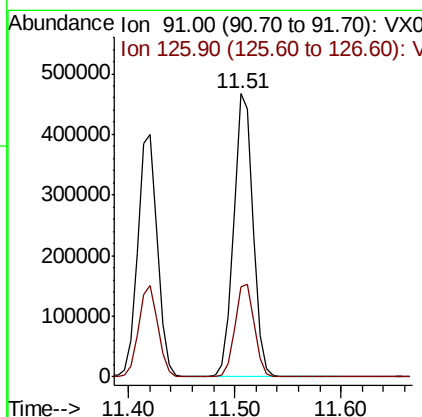
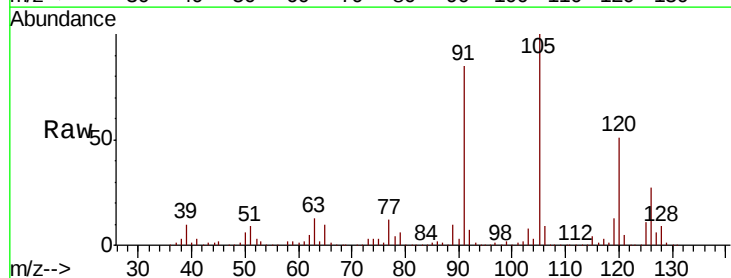
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 92873
Ion Ratio Lower Upper
75 100
53 83.1 66.1 99.1
89 46.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 56.488 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 91 Resp: 595841
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6





#83

tert-Butylbenzene

Concen: 56.361 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

ClientSampleId :

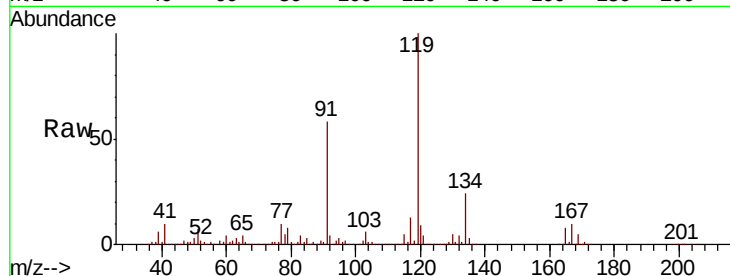
Tot Ion:119 Resp: 660532

Ion Ratio Lower Upper

119 100

91 54.9 27.6 82.7

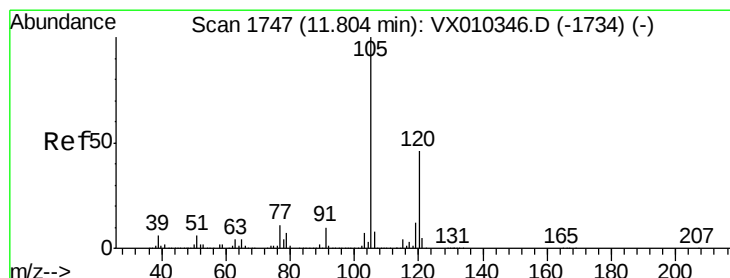
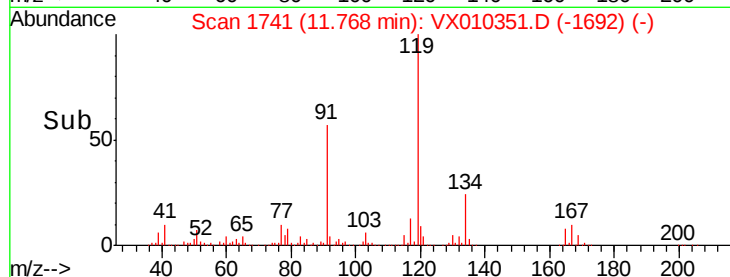
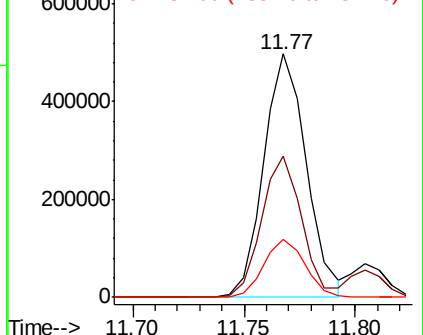
134 23.3 11.8 35.4



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: 57.223 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010351.D

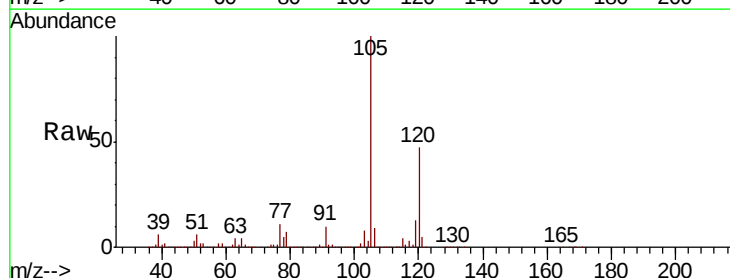
Acq: 20 Jun 2019 10:48

Tgt Ion:105 Resp: 671306

Ion Ratio Lower Upper

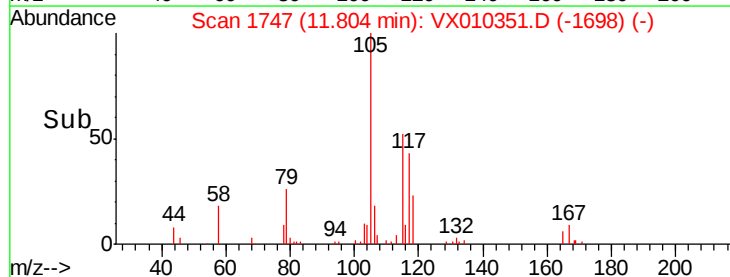
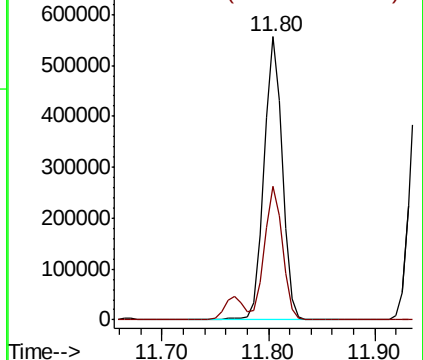
105 100

120 46.7 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: 57.135 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

Instrument :

MSVOA_X

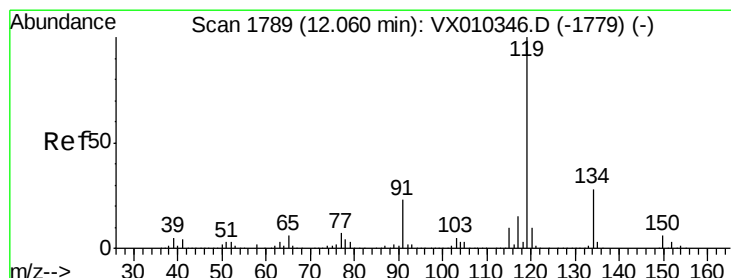
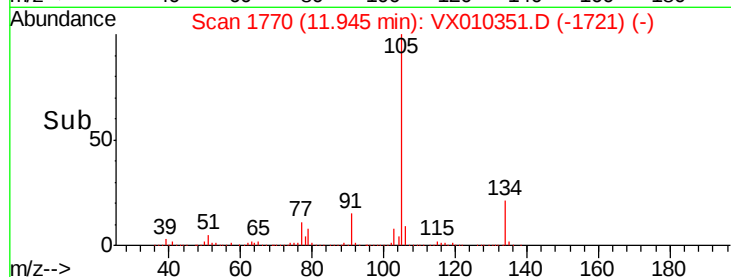
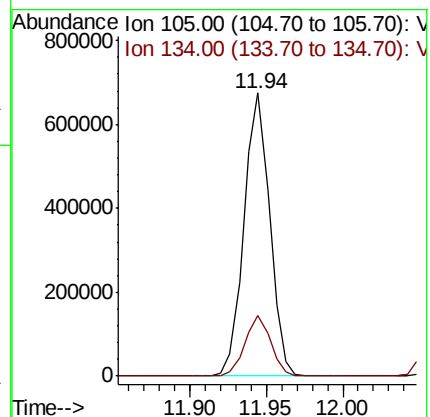
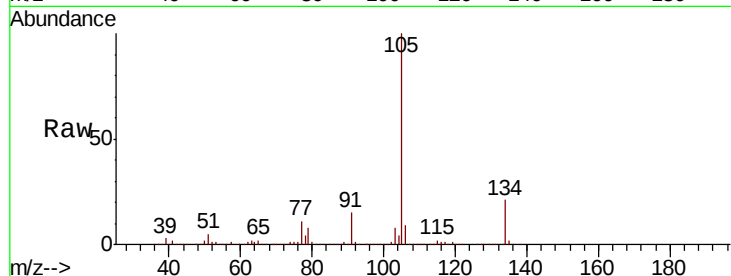
ClientSampleId :

Tot Ion:105 Resp: 786214

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 57.551 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010351.D

Acq: 20 Jun 2019 10:48

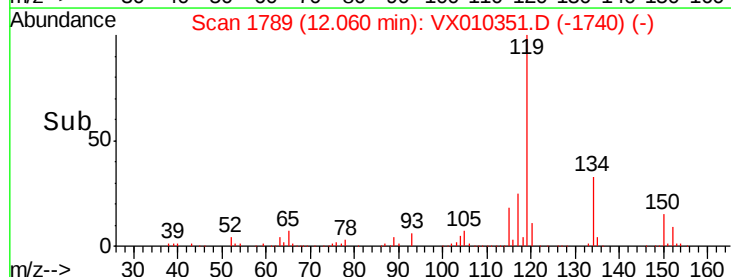
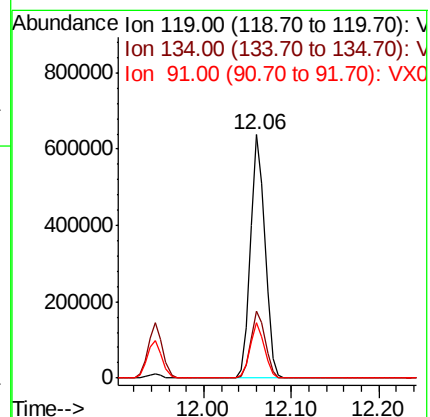
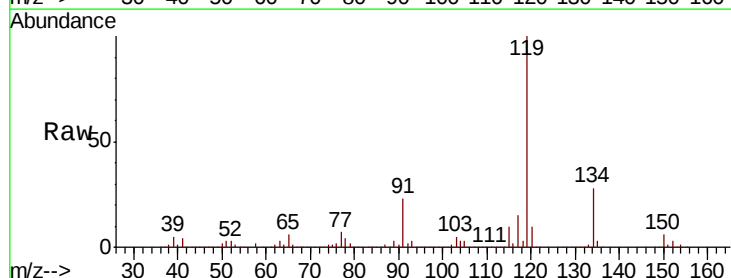
Tgt Ion:119 Resp: 732512

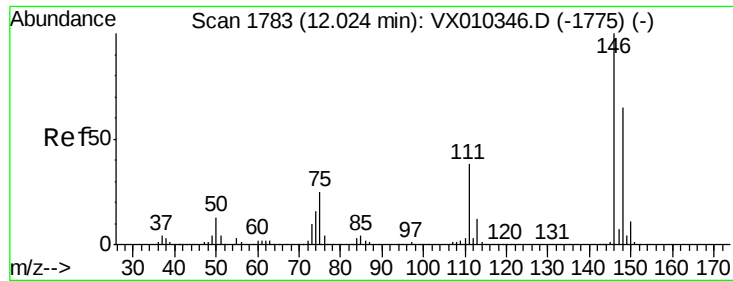
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.4 11.3 33.8

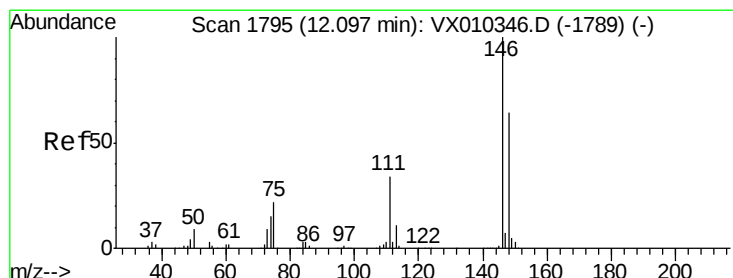
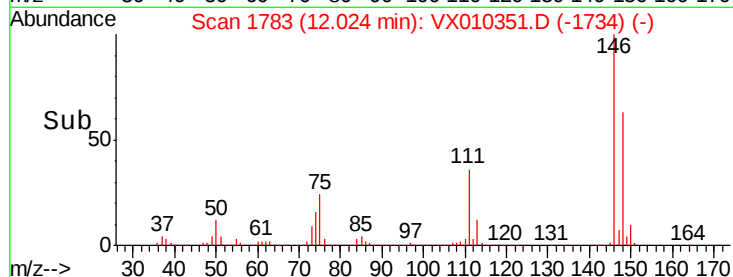
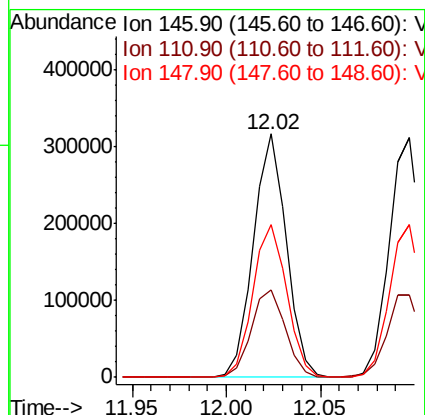
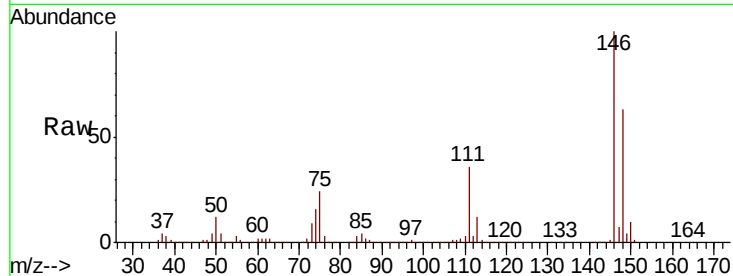




#87
 1,3-Dichlorobenzene
 Concen: 55.550 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

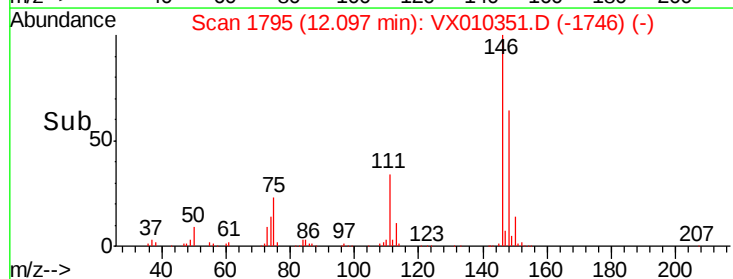
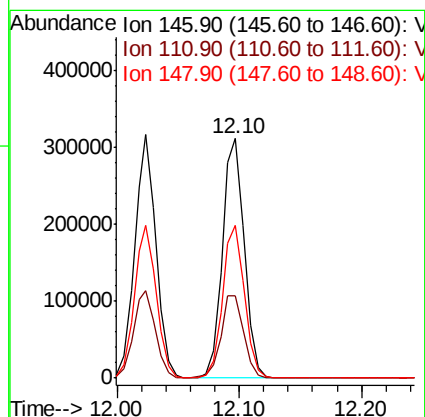
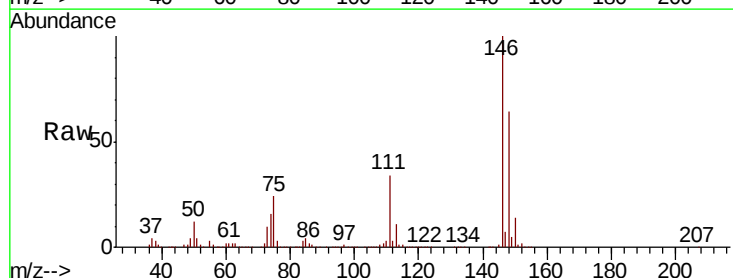
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 383506
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.7 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 55.070 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

Tgt Ion:146 Resp: 387053
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.3
 148 63.3 32.1 96.3

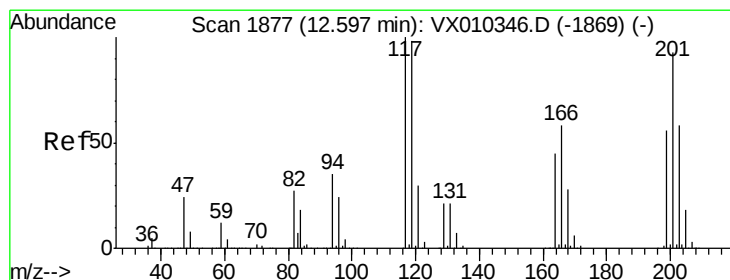
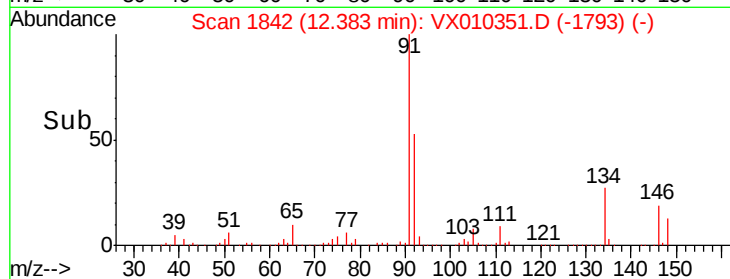
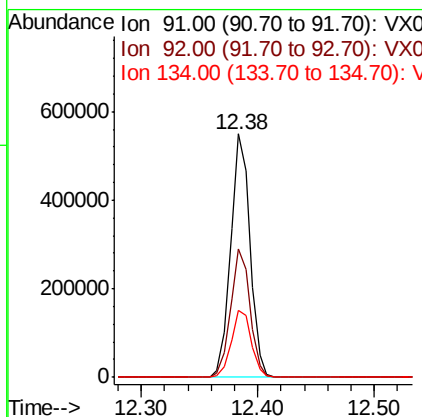
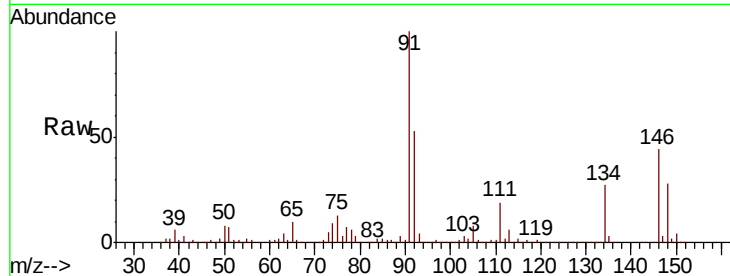




#89
n-Butylbenzene
Concen: 58.756 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

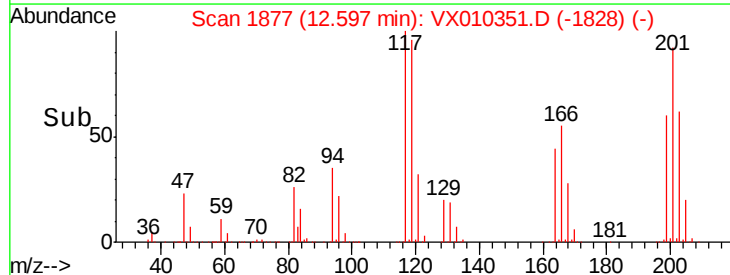
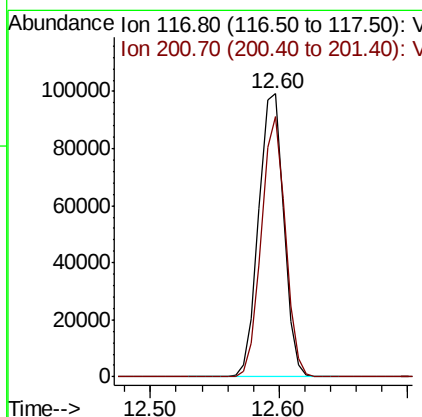
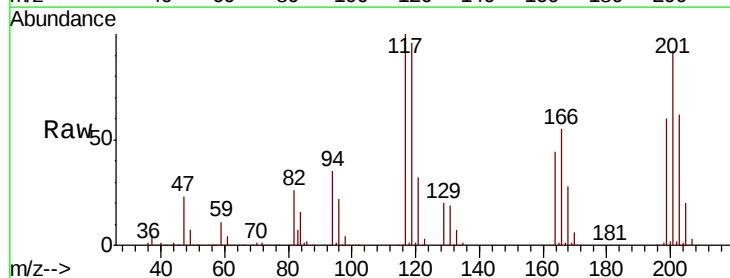
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 635485
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 60.564 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 117 Resp: 133293
Ion Ratio Lower Upper
117 100
201 87.7 44.0 131.8

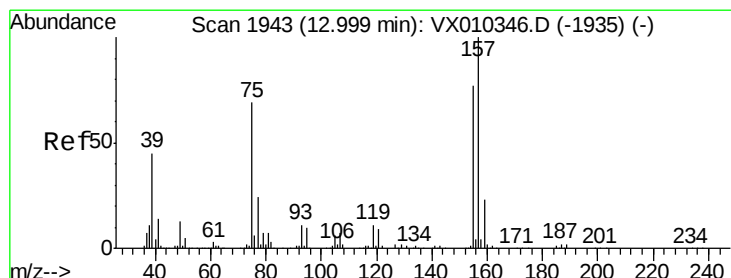
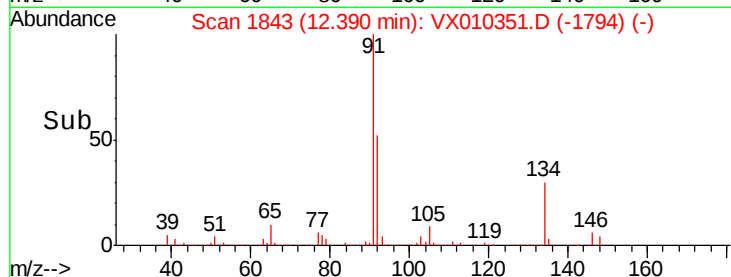
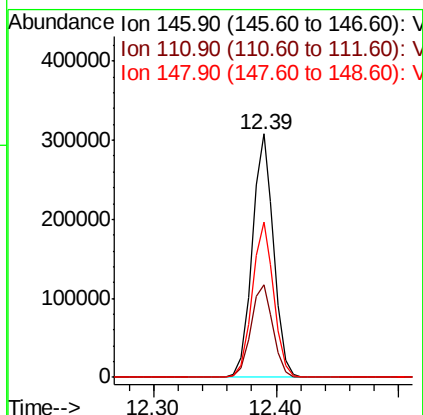
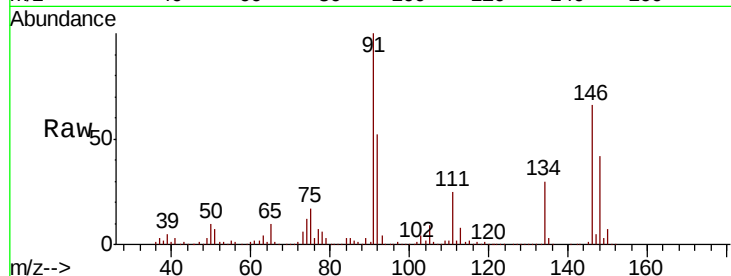




#91
1,2-Dichlorobenzene
Concen: 54.398 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

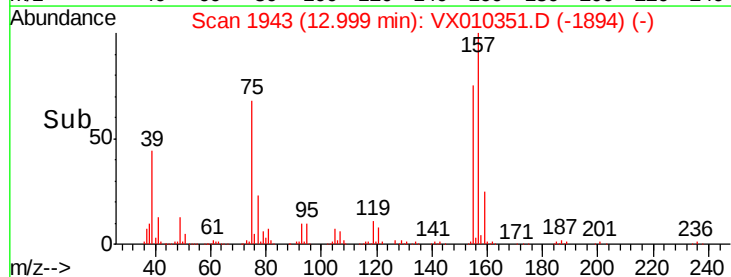
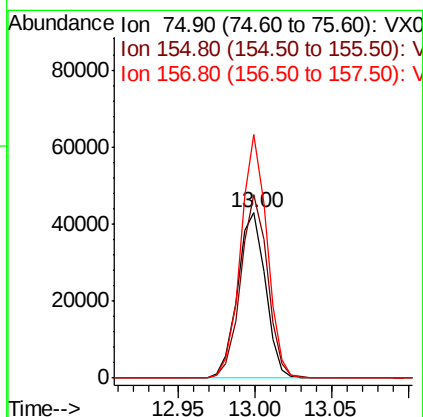
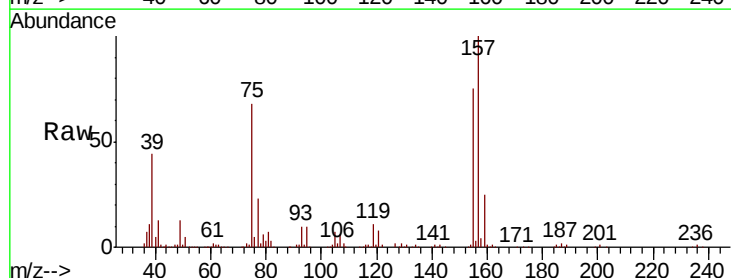
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 373251
Ion Ratio Lower Upper
146 100
111 39.2 19.2 57.6
148 64.5 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.764 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion: 75 Resp: 54375
Ion Ratio Lower Upper
75 100
155 106.2 54.4 163.1
157 138.7 69.5 208.3

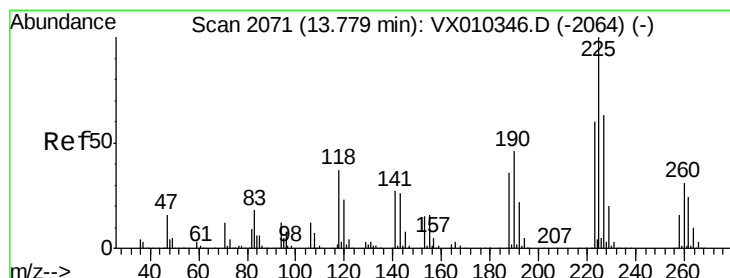
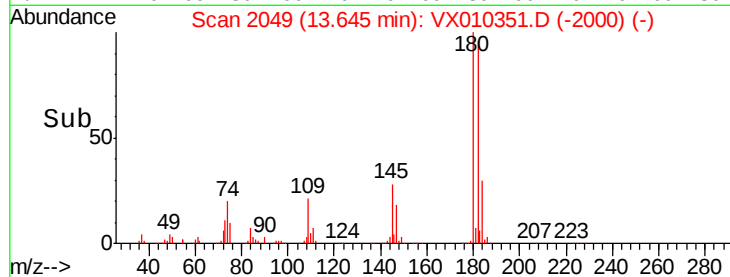
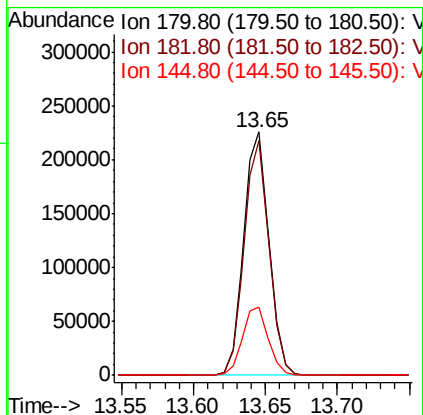
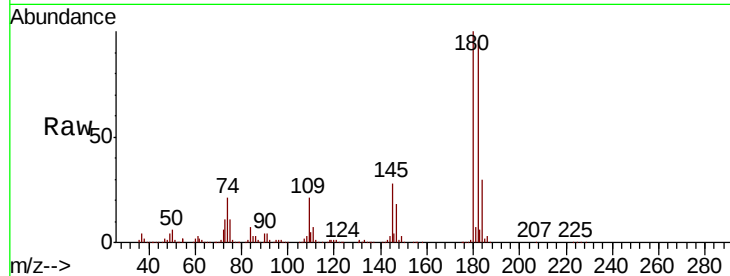




#93
 1,2,4-Trichlorobenzene
 Concen: 57.372 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

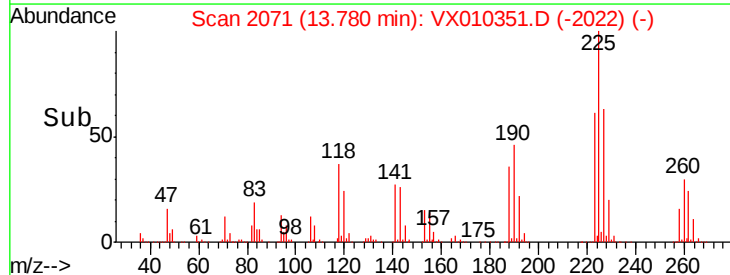
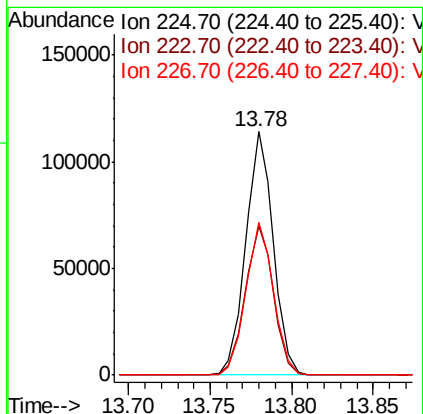
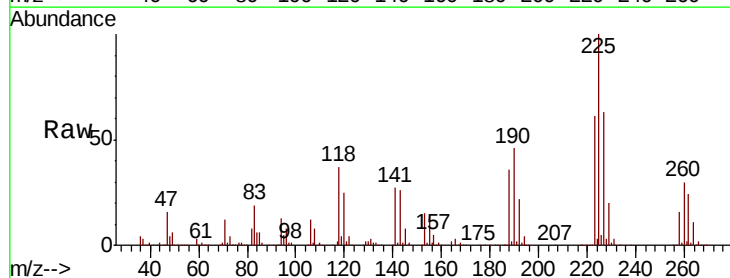
Instrument :
 MSVOA_X
 ClientSampleId :

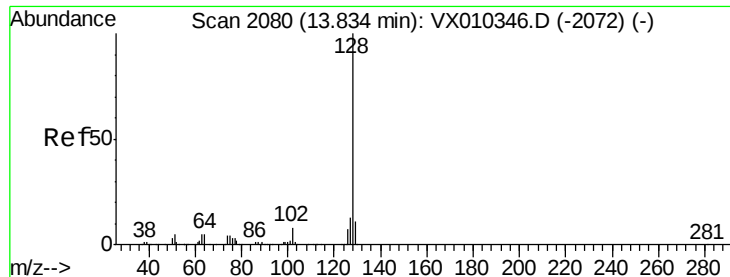
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	28.6	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 57.655 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010351.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.7
227	63.0	31.9	95.5

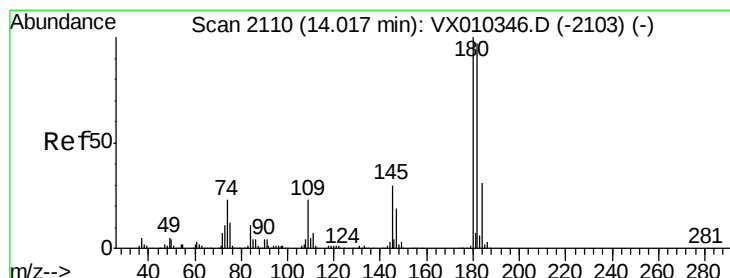
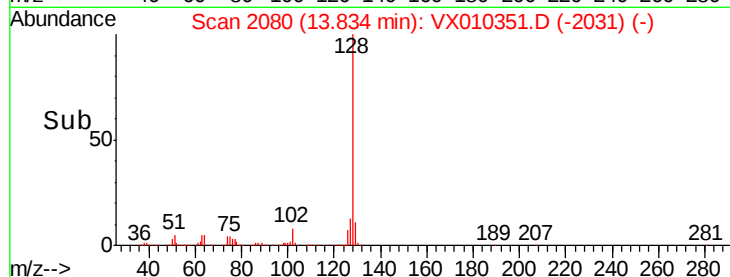
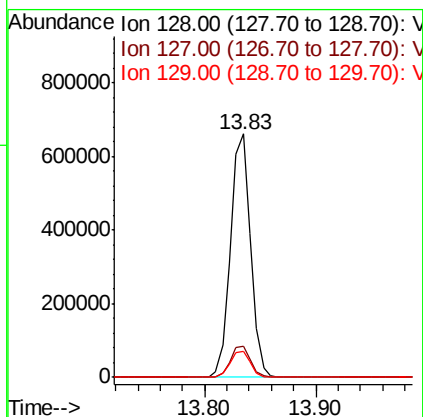
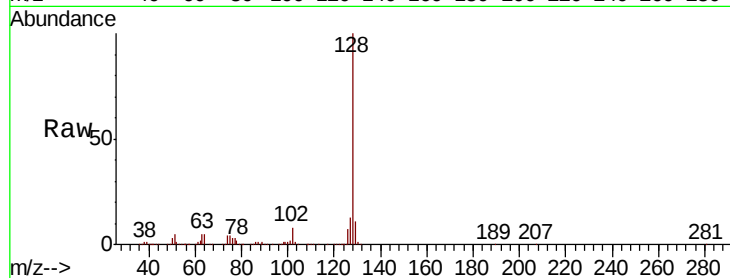




#95
Naphthalene
Concen: 56.034 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 819366
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 56.339 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010351.D
Acq: 20 Jun 2019 10:48

Tgt Ion:180 Resp: 266543
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.8 15.2 45.6

