

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010453.D
 Acq On : 26 Jun 2019 11:29
 Operator : JC/SP
 Sample : VU0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 01:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123398	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	122155	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.71	98	460958	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	162666	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34552	18.509	ug/l	98
3) Chloromethane	1.33	50	38971	17.928	ug/l	98
4) Vinyl Chloride	1.41	62	43649	18.333	ug/l	96
5) Bromomethane	1.64	94	25702	22.158	ug/l	100
6) Chloroethane	1.72	64	28118	20.017	ug/l	97
7) Trichlorofluoromethane	1.93	101	73991	19.604	ug/l	99
8) Diethyl Ether	2.19	74	26946	19.908	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43155	18.868	ug/l	98
10) Methyl Iodide	2.51	142	54267	16.625	ug/l	97
11) Tert butyl alcohol	3.04	59	66208	100.503	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43883	18.855	ug/l	99
13) Acrolein	2.29	56	29710	67.985	ug/l	99
14) Allyl chloride	2.73	41	62111	18.797	ug/l	97
15) Acrylonitrile	3.14	53	132969	101.948	ug/l	98
16) Acetone	2.44	43	119361	94.601	ug/l	94
17) Carbon Disulfide	2.57	76	104745	16.775	ug/l	100
18) Methyl Acetate	2.78	43	50488	20.077	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	144291	19.707	ug/l	97
20) Methylene Chloride	2.85	84	50506	19.451	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46965	18.762	ug/l	99
22) Diisopropyl ether	3.85	45	137531	19.908	ug/l	97
23) Vinyl Acetate	3.82	43	593820	99.498	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79091	19.806	ug/l	99
25) 2-Butanone	4.67	43	183097	98.928	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64010	18.452	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56259	19.449	ug/l	100
28) Bromochloromethane	5.02	49	38766	20.304	ug/l	96
29) Tetrahydrofuran	5.13	42	114162	99.583	ug/l	100
30) Chloroform	5.21	83	83380	19.406	ug/l	100
31) Cyclohexane	5.58	56	68437	18.820	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	74139	19.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59873	18.807	ug/l	99
37) Ethyl Acetate	4.84	43	64800	19.786	ug/l	99
38) Carbon Tetrachloride	5.79	117	66020	19.151	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77281	18.468	ug/l	97
40) Benzene	6.14	78	193682	19.528	ug/l	100
41) Methacrylonitrile	5.04	41	35664	19.847	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61033	20.215	ug/l	100
43) Isopropyl Acetate	6.45	43	108601	20.042	ug/l	98
44) Trichloroethene	7.21	130	57033	19.217	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49231	19.656	ug/l	94
46) Dibromomethane	7.66	93	35281	19.633	ug/l	99
47) Bromodichloromethane	7.90	83	63053	19.146	ug/l	99
48) Methyl methacrylate	7.77	41	49870	19.800	ug/l	99
49) 1,4-Dioxane	7.74	88	30375	418.644	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354187	102.203	ug/l	99
52) Toluene	8.78	92	127091	19.458	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	68226	18.478	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	76382	19.037	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	53616	19.904	ug/l	96
56) Ethyl methacrylate	9.18	69	79127	19.391	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83837	20.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193010	99.591	ug/l	100
59) 2-Hexanone	9.49	43	276166	101.253	ug/l	99
60) Dibromochloromethane	9.58	129	56294	18.665	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56098	19.294	ug/l	98
64) Tetrachloroethene	9.34	164	57657	19.776	ug/l	97
65) Chlorobenzene	10.13	112	144644	19.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52776	19.799	ug/l	98
67) Ethyl Benzene	10.25	91	243902	19.742	ug/l	100
68) m/p-Xylenes	10.36	106	188964	39.474	ug/l	98
69) o-Xylene	10.69	106	92869	19.728	ug/l	99
70) Styrene	10.71	104	157522	19.953	ug/l	100
71) Bromoform	10.85	173	42225	18.216	ug/l #	100
73) Isopropylbenzene	11.02	105	247137	19.528	ug/l	98
74) N-amyl acetate	10.90	43	94984	19.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82587	19.705	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	89850	26.411	ug/l	81
77) Bromobenzene	11.26	156	67069	18.979	ug/l	99
78) n-propylbenzene	11.36	91	269960	19.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	159044	19.203	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203183	19.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23604	16.186	ug/l	91
82) 4-Chlorotoluene	11.51	91	181300	19.237	ug/l	99
83) tert-Butylbenzene	11.77	119	200402	19.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203475	19.412	ug/l	99
85) sec-Butylbenzene	11.94	105	237917	19.351	ug/l	99
86) p-Isopropyltoluene	12.06	119	219379	19.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116493	18.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	117441	18.701	ug/l	99
89) n-Butylbenzene	12.38	91	182394	18.874	ug/l	100
90) Hexachloroethane	12.60	117	35444	18.025	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118597	19.345	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17170	19.001	ug/l	93

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

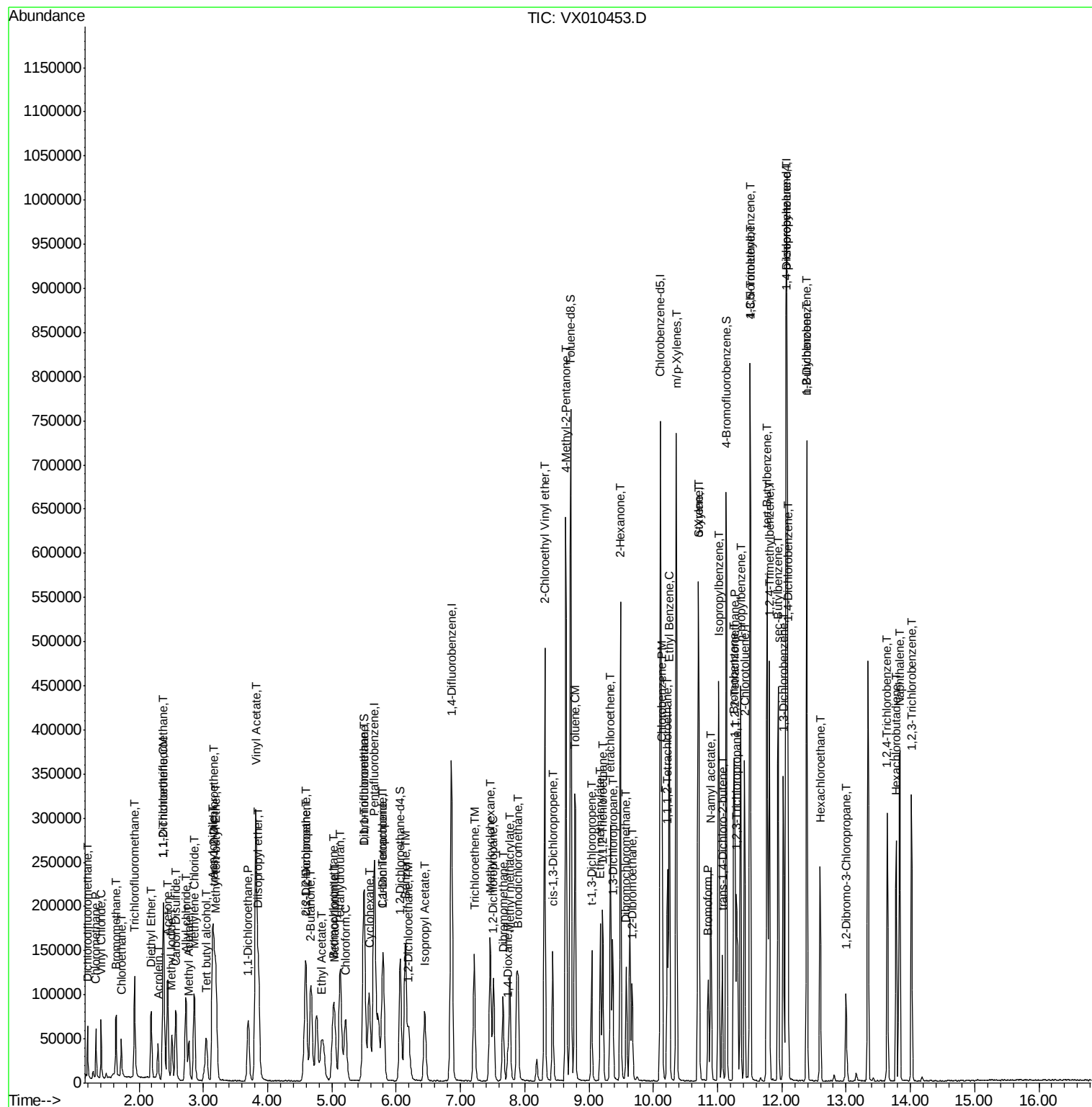
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79323	18.658	ug/l	98
94) Hexachlorobutadiene	13.78	225	38292	18.429	ug/l	97
95) Naphthalene	13.83	128	251208	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82649	19.552	ug/l	99

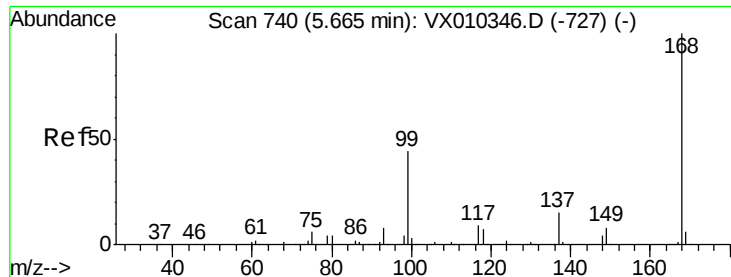
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

Quant Time: Jun 27 01:10:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

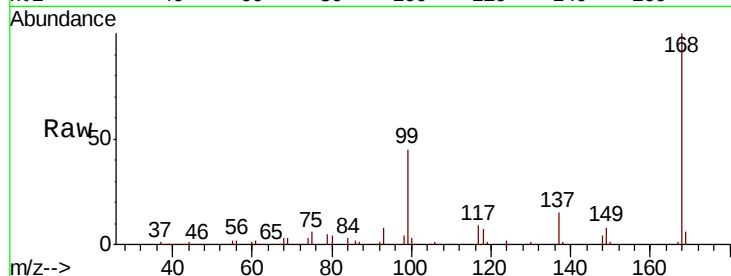
ClientSampled :

Tot Ion:168 Resp: 268513

Ion Ratio Lower Upper

168 100

99 44.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

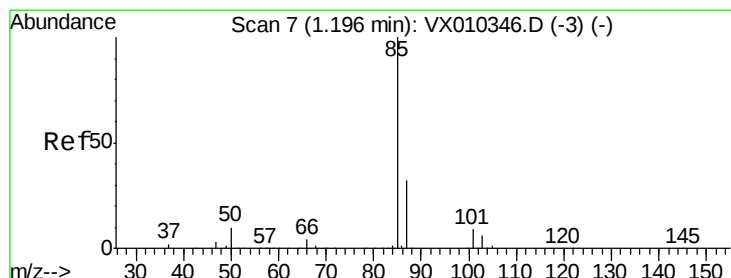
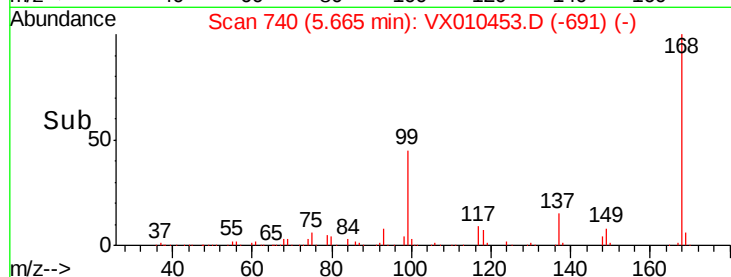
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 18.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010453.D

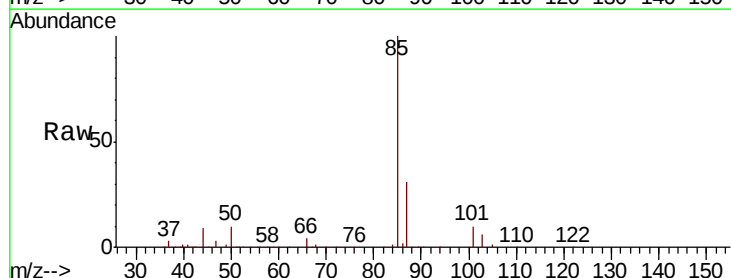
Acq: 26 Jun 2019 11:29

Tgt Ion: 85 Resp: 34552

Ion Ratio Lower Upper

85 100

87 31.2 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

40000

30000

20000

10000

0

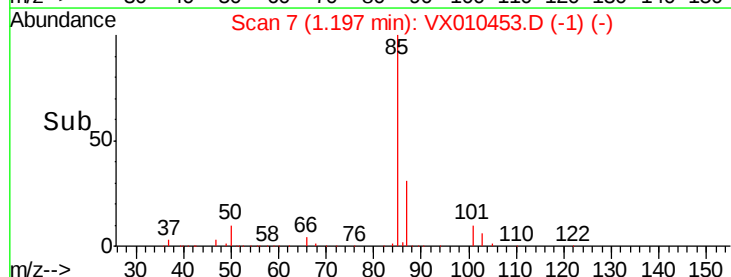
Time-->

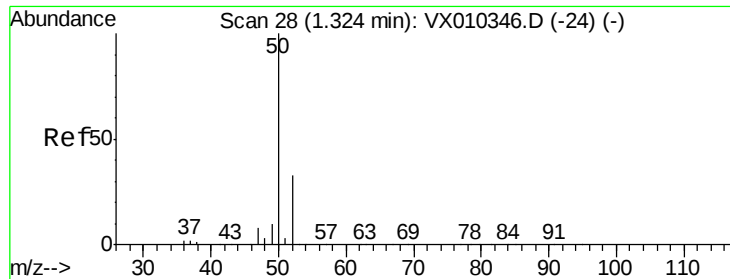
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 17.928 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

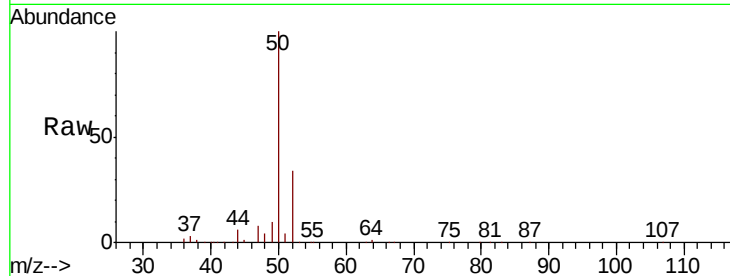
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 38971

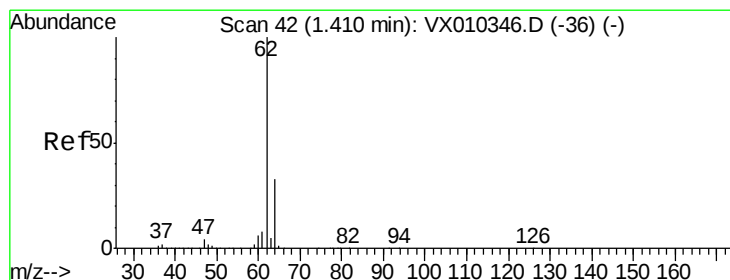
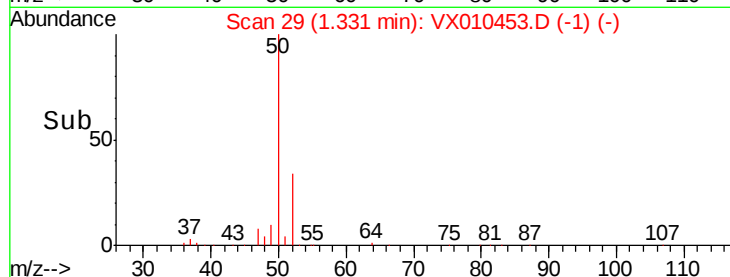
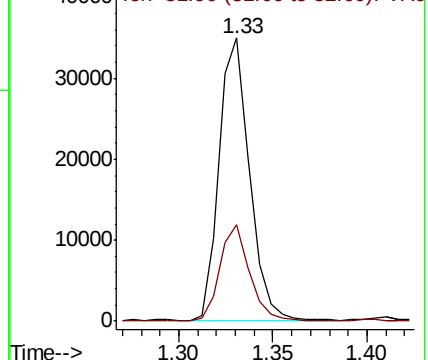
Ion Ratio Lower Upper

50 100

52 34.0 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: 18.333 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010453.D

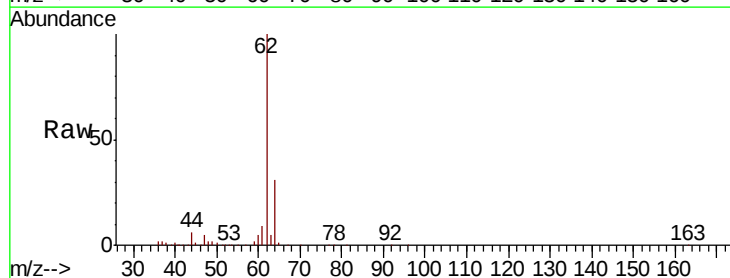
Acq: 26 Jun 2019 11:29

Tgt Ion: 62 Resp: 43649

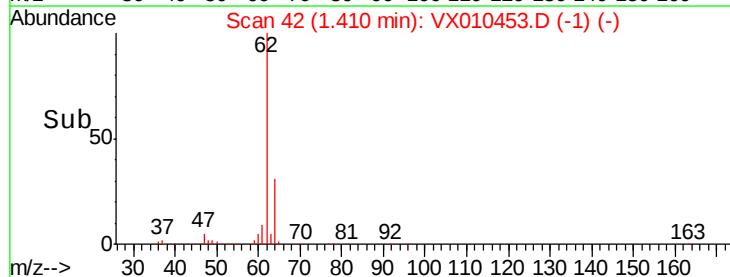
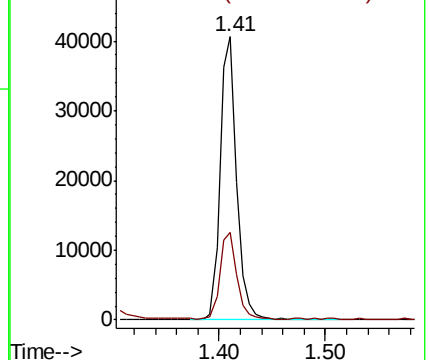
Ion Ratio Lower Upper

62 100

64 30.7 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: 22.158 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

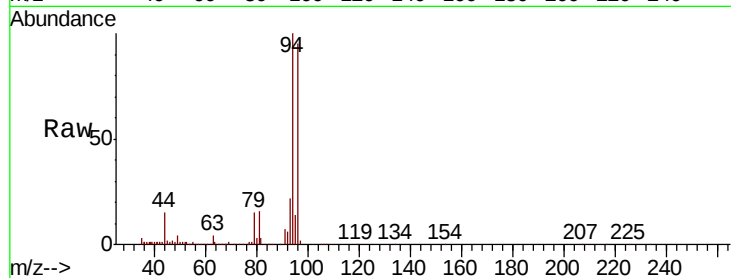
ClientSampled :

Tot Ion: 94 Resp: 25702

Ion Ratio Lower Upper

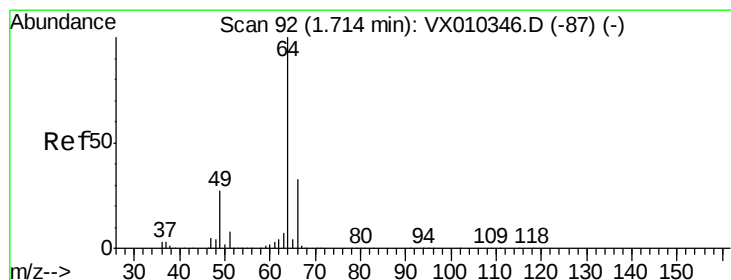
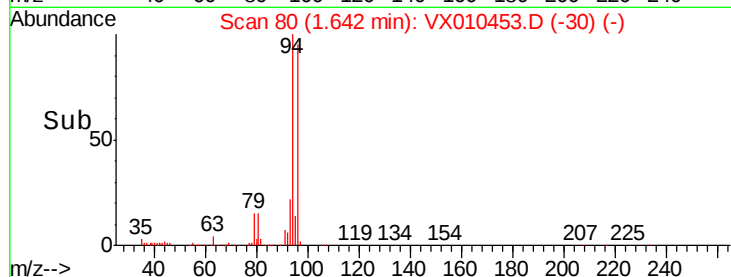
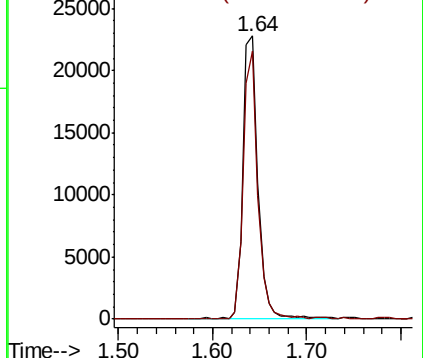
94 100

96 94.8 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: 20.017 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010453.D

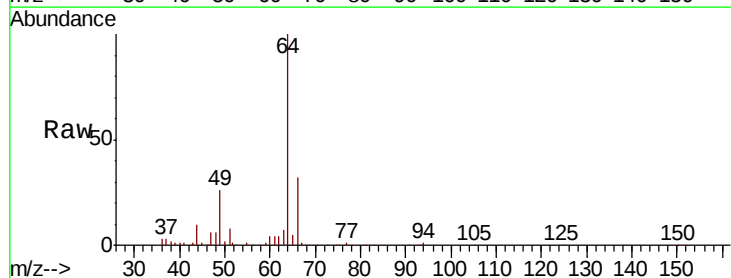
Acq: 26 Jun 2019 11:29

Tgt Ion: 64 Resp: 28118

Ion Ratio Lower Upper

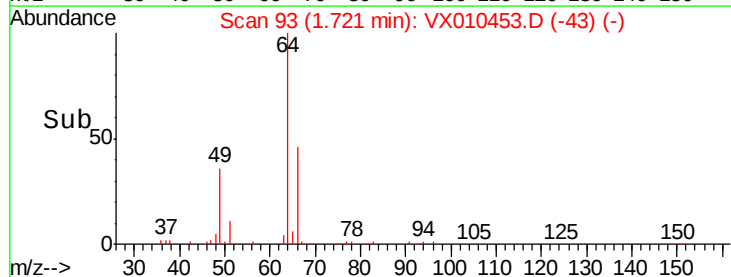
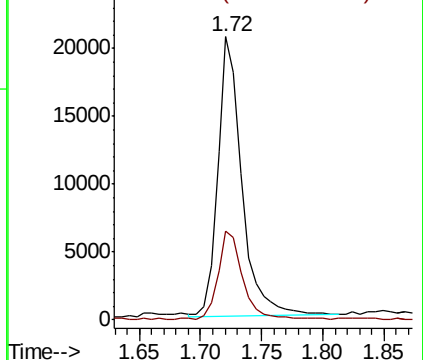
64 100

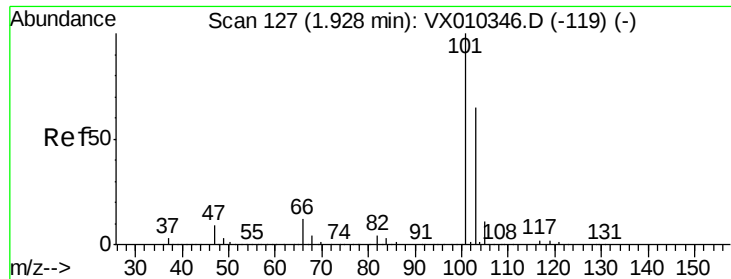
66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



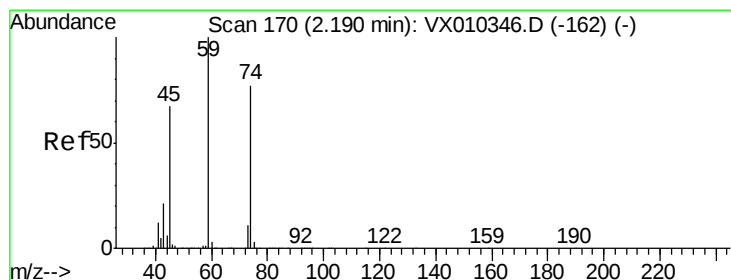
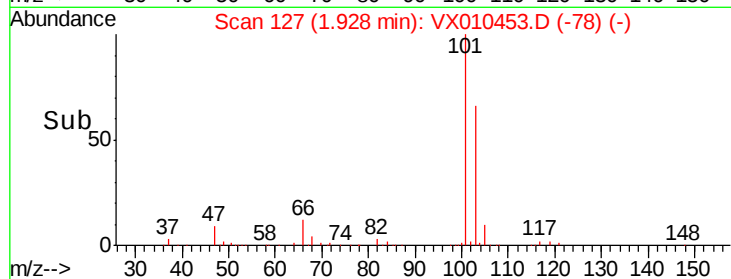
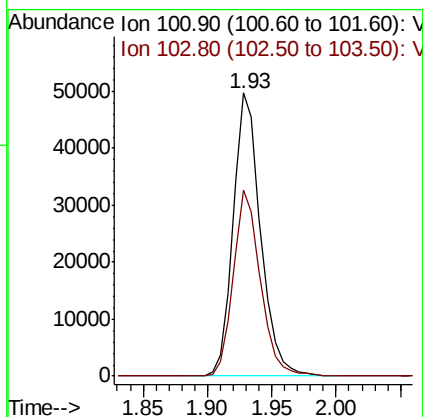
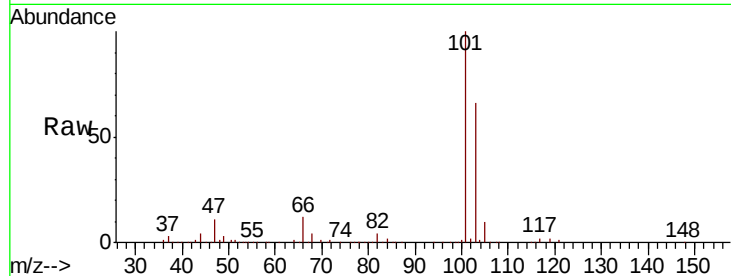


#7

Trichlorofluoromethane
Concen: 19.604 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

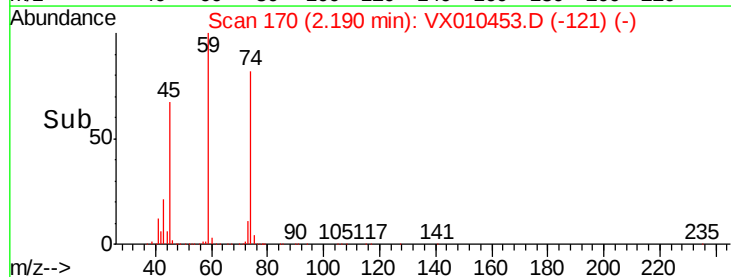
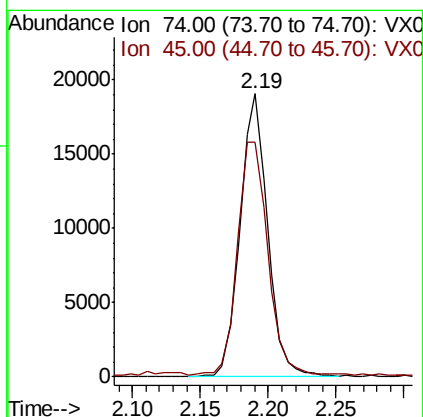
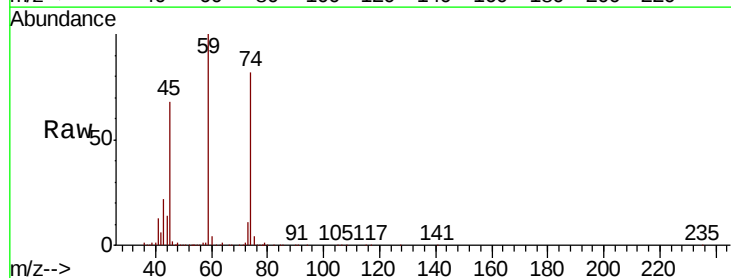
Tot Ion:101 Resp: 73991
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5



#8

Diethyl Ether
Concen: 19.908 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 74 Resp: 26946
Ion Ratio Lower Upper
74 100
45 92.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.868 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

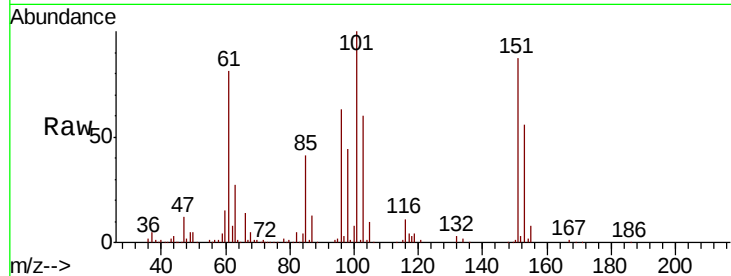
Tot Ion:101 Resp: 43155

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

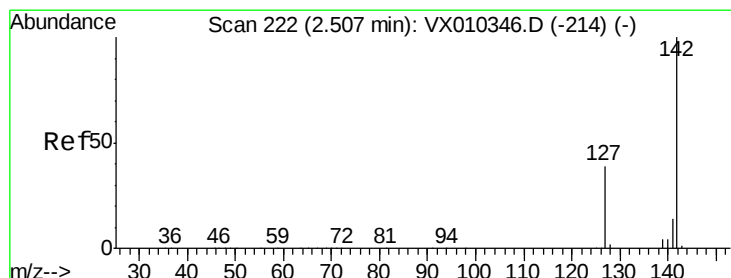
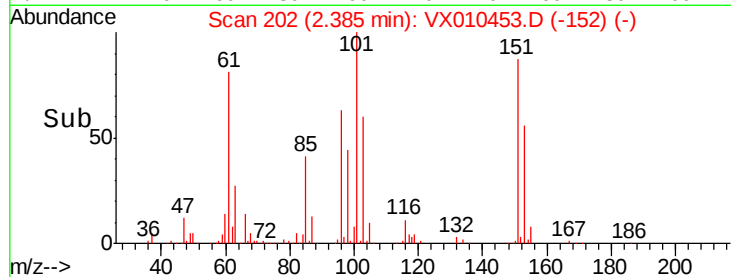
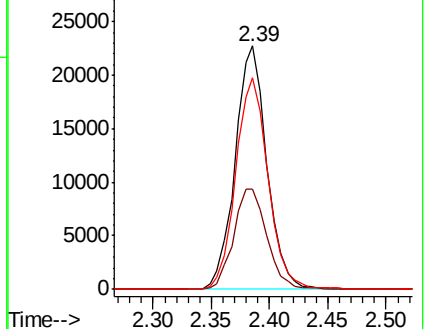
151 89.0 70.1 105.1



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: 16.625 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

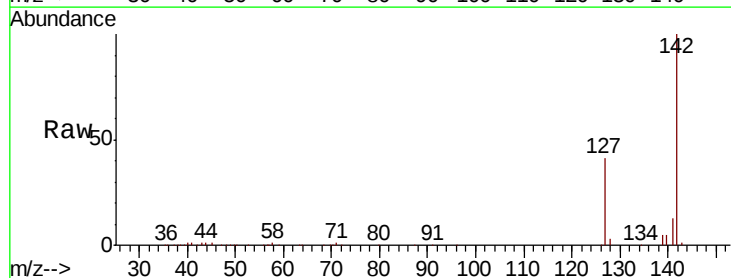
Tgt Ion:142 Resp: 54267

Ion Ratio Lower Upper

142 100

127 41.0 31.1 46.7

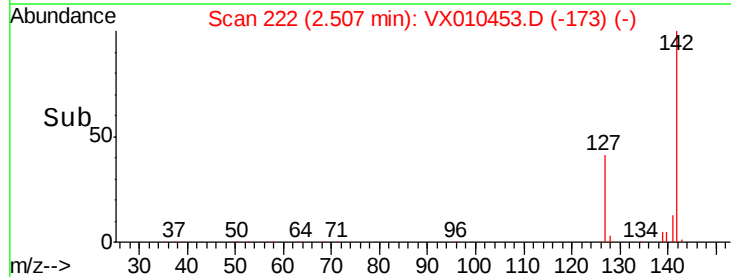
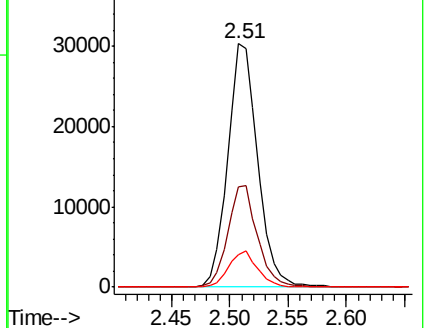
141 14.4 11.2 16.8

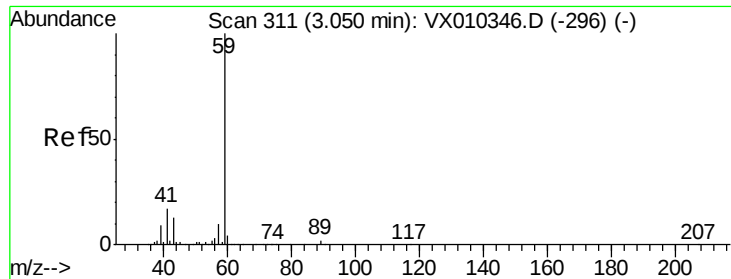


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

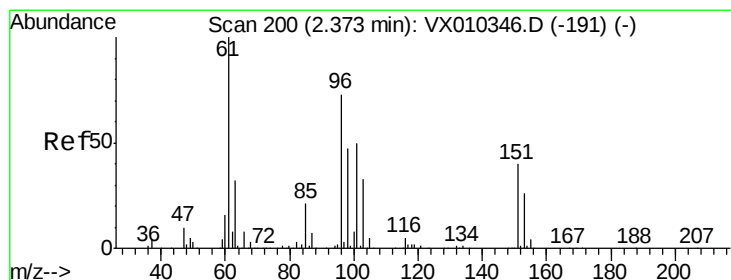
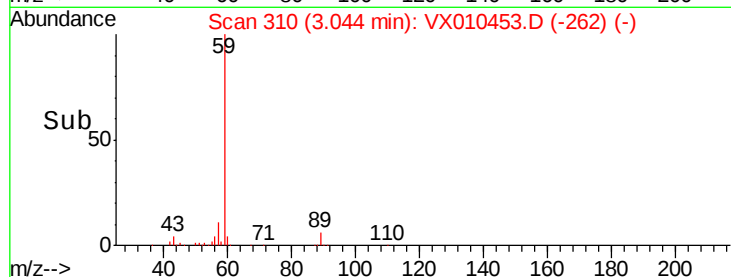
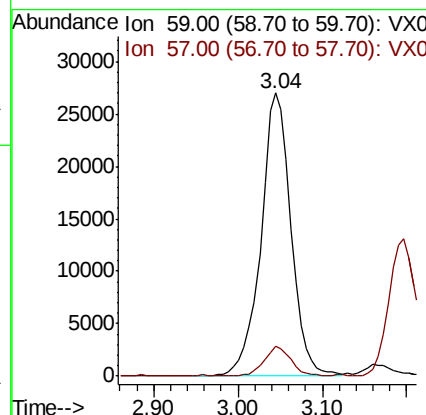
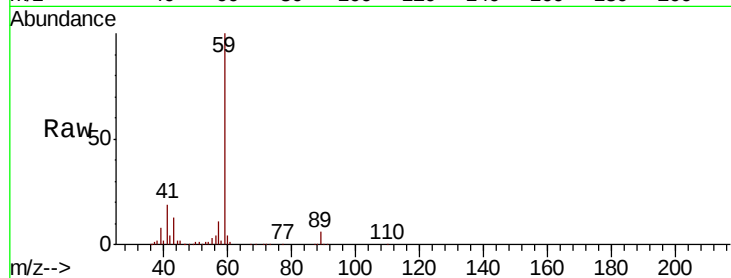




#11
Tert butyl alcohol
Concen: 100.503 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

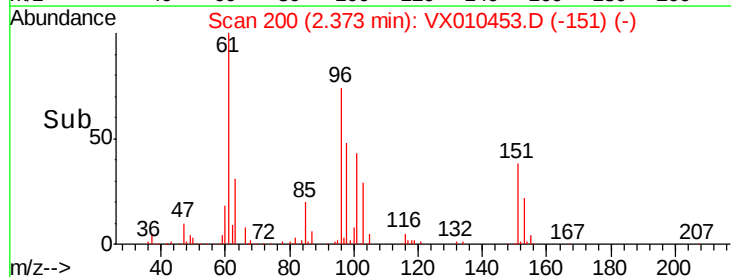
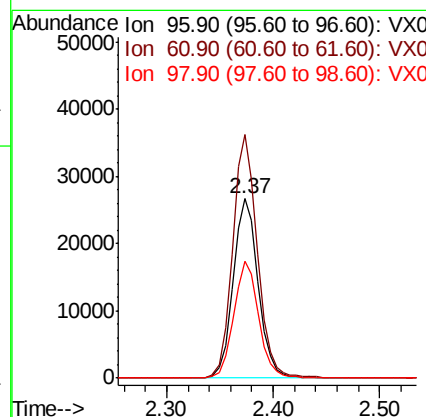
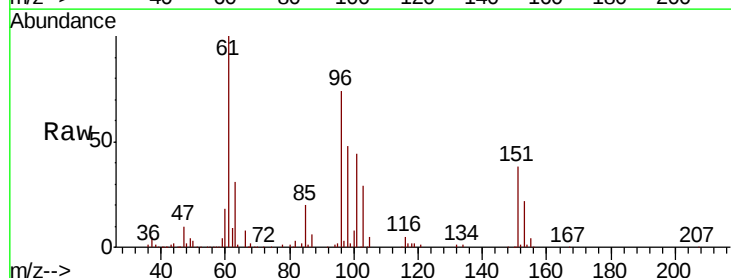
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 66208
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.855 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 96 Resp: 43883
Ion Ratio Lower Upper
96 100
61 135.4 109.2 163.8
98 65.2 51.1 76.7





#13

Acrolein

Concen: 67.985 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

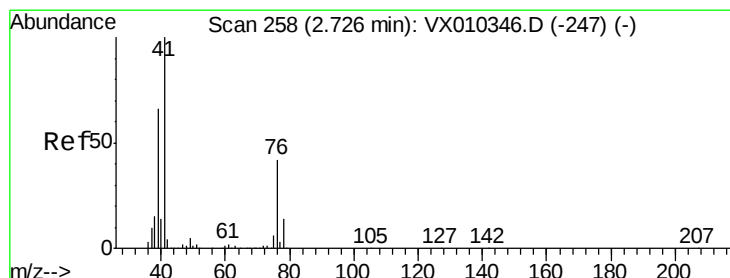
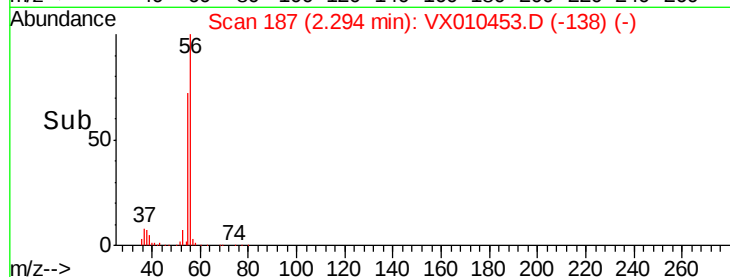
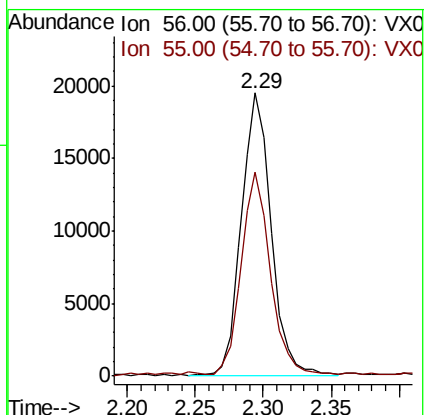
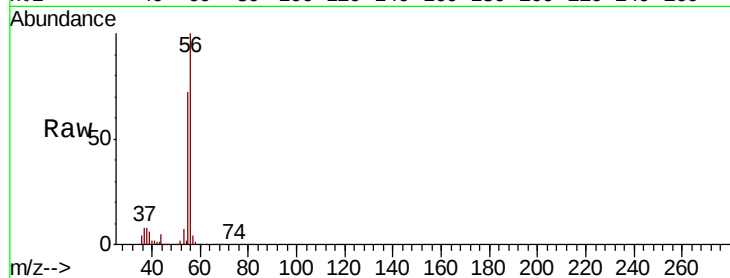
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29710

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 18.797 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

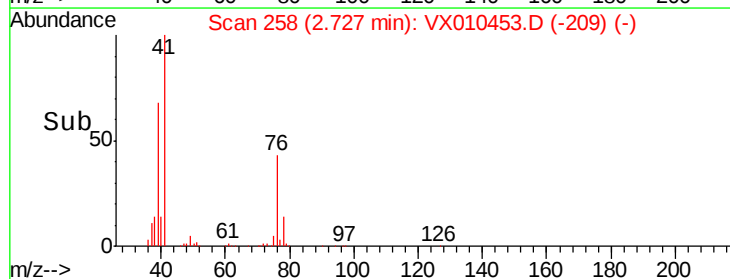
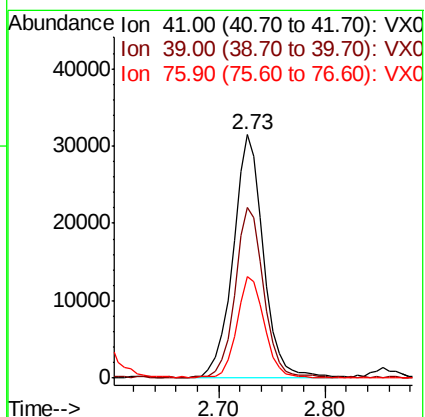
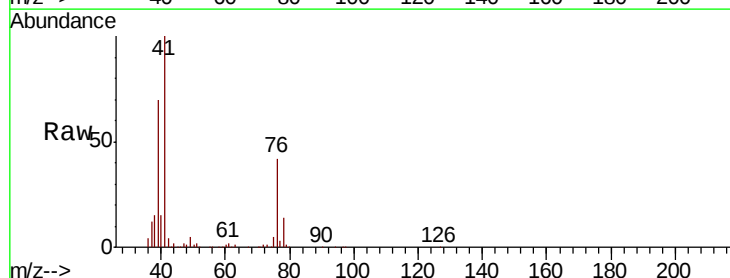
Tgt Ion: 41 Resp: 62111

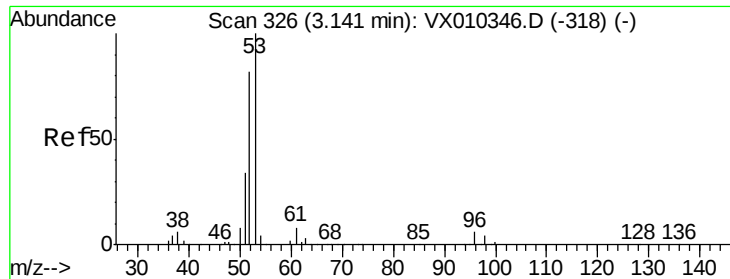
Ion Ratio Lower Upper

41 100

39 66.0 50.3 75.5

76 38.4 31.3 46.9

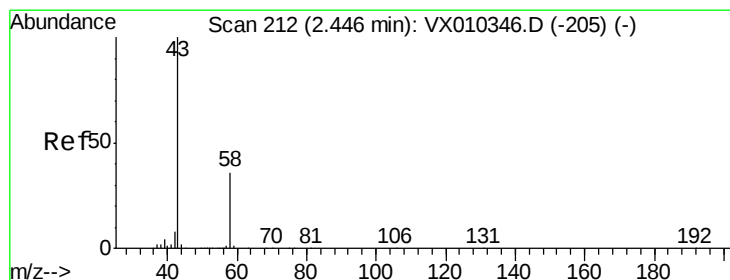
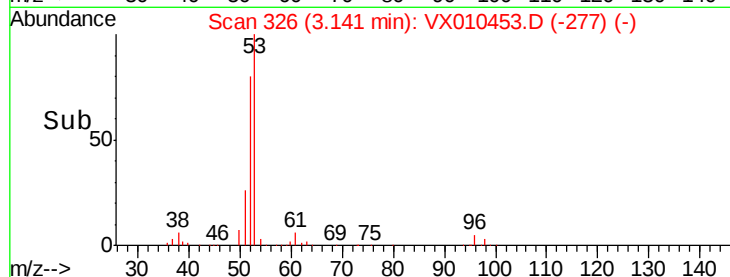
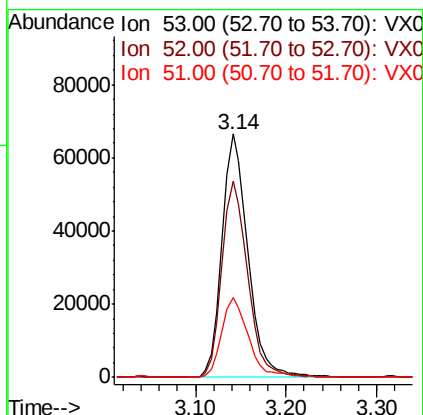
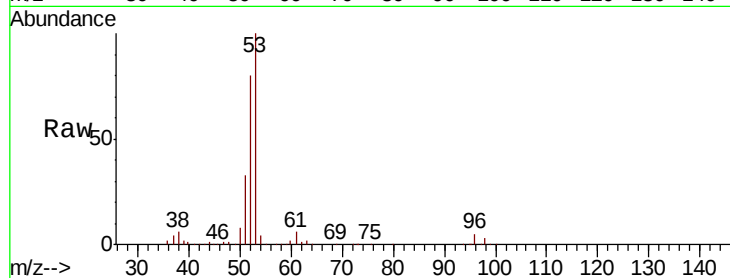




#15
 Acrylonitrile
 Concen: 101.948 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

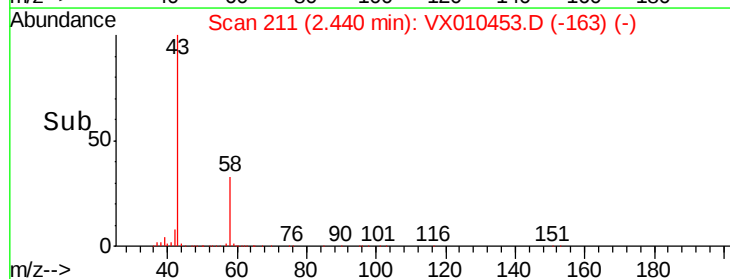
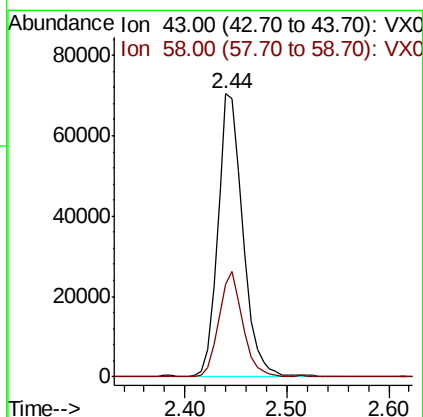
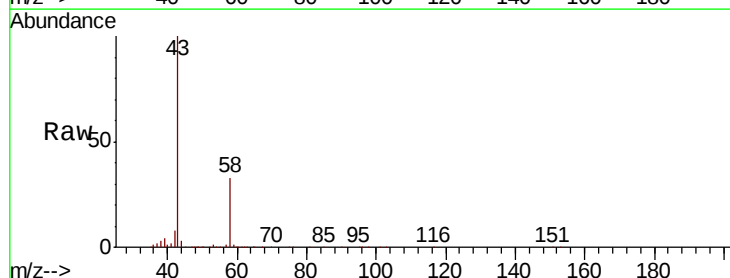
Instrument :
 MSVOA_X
 ClientSampleId :

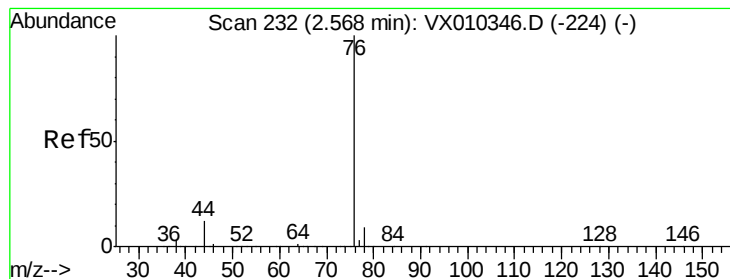
Tot Ion: 53 Resp: 132969
 Ion Ratio Lower Upper
 53 100
 52 80.8 65.5 98.3
 51 34.0 28.2 42.4



#16
 Acetone
 Concen: 94.601 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion: 43 Resp: 119361
 Ion Ratio Lower Upper
 43 100
 58 32.6 28.9 43.3





#17

Carbon Disulfide

Concen: 16.775 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

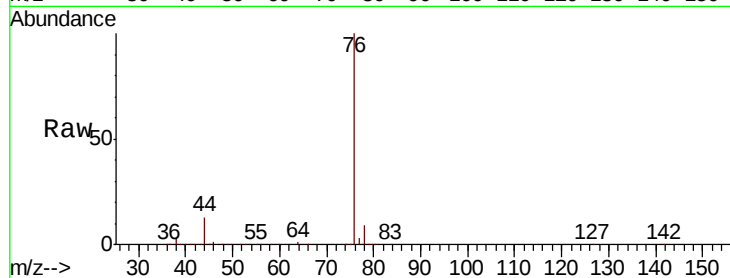
ClientSampleId :

Tot Ion: 76 Resp: 104745

Ion Ratio Lower Upper

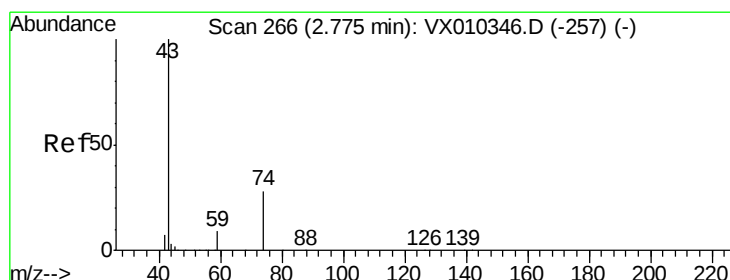
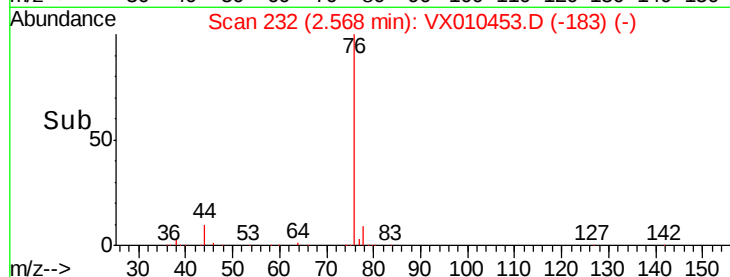
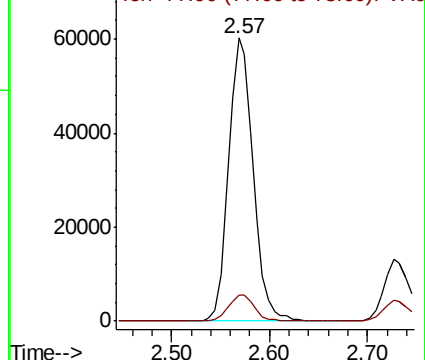
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.077 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010453.D

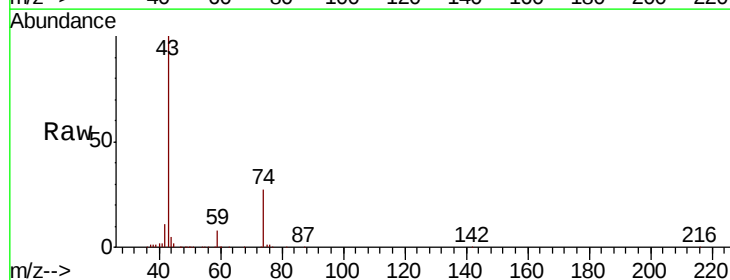
Acq: 26 Jun 2019 11:29

Tgt Ion: 43 Resp: 50488

Ion Ratio Lower Upper

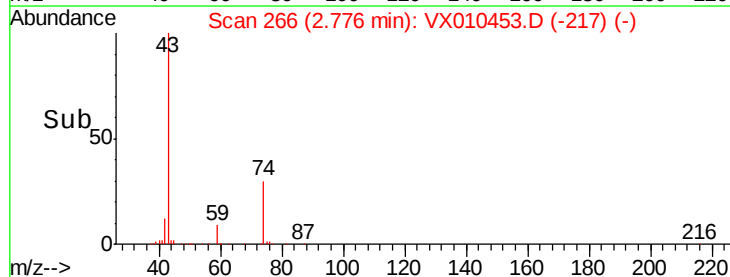
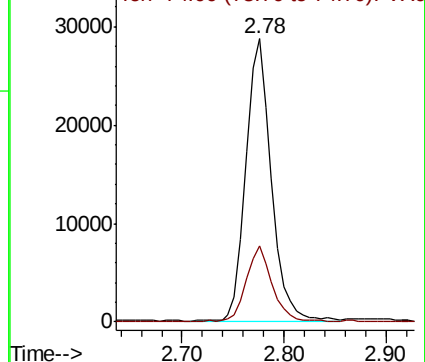
43 100

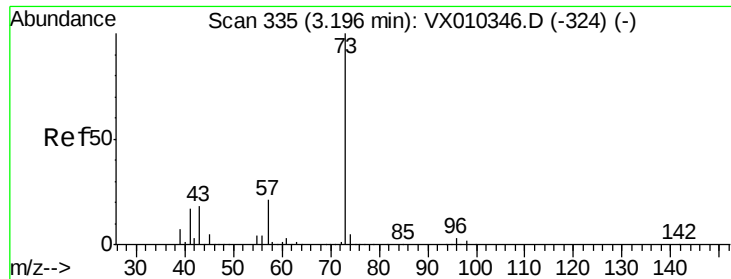
74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

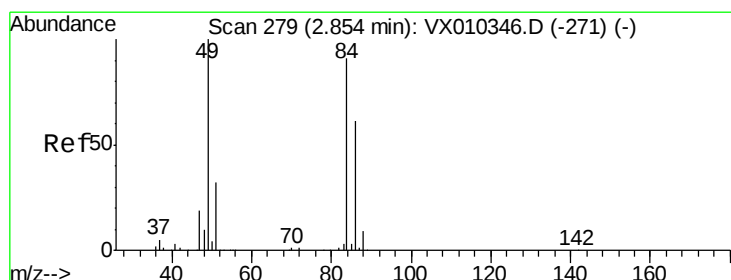
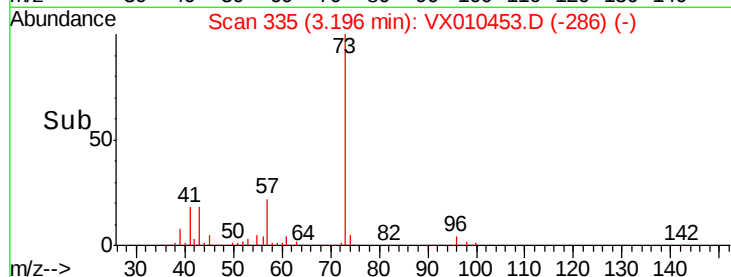
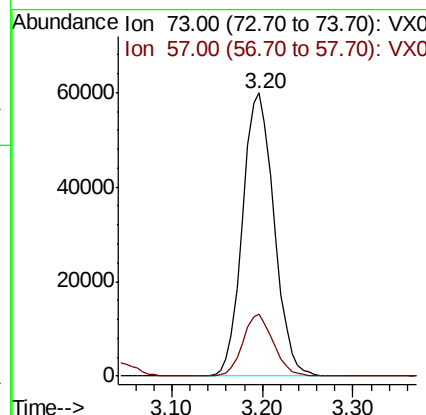
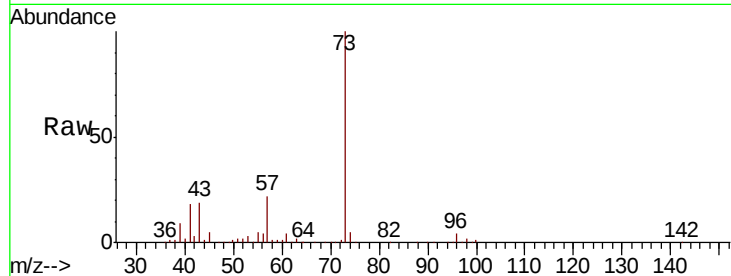




#19
Methyl tert-butyl Ether
Concen: 19.707 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

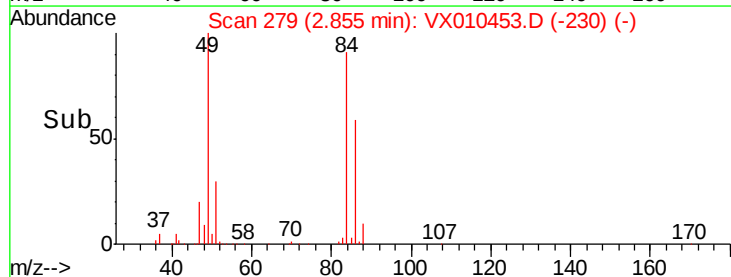
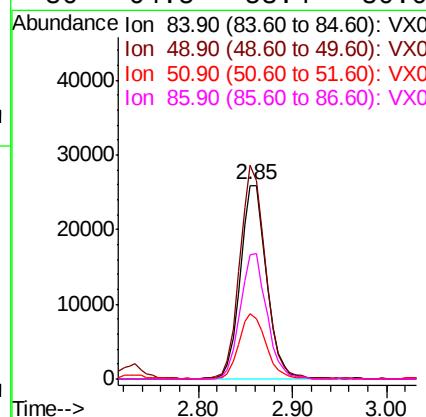
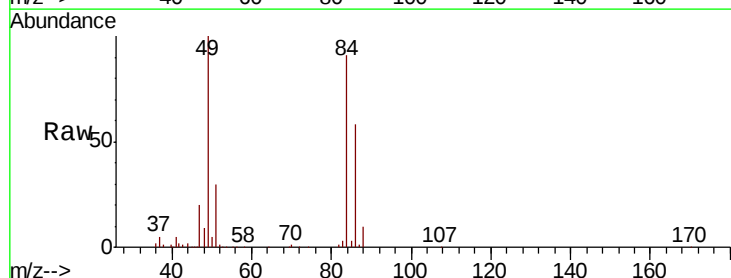
Instrument :
MSVOA_X
ClientSampleId :

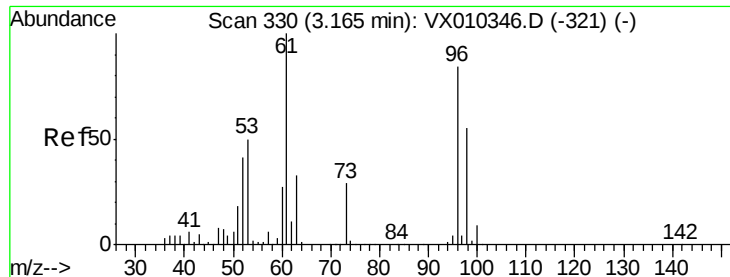
Tot Ion: 73 Resp: 144291
Ion Ratio Lower Upper
73 100
57 21.8 16.4 24.6



#20
Methylene Chloride
Concen: 19.451 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 84 Resp: 50506
Ion Ratio Lower Upper
84 100
49 110.4 87.5 131.3
51 33.5 27.7 41.5
86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.762 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

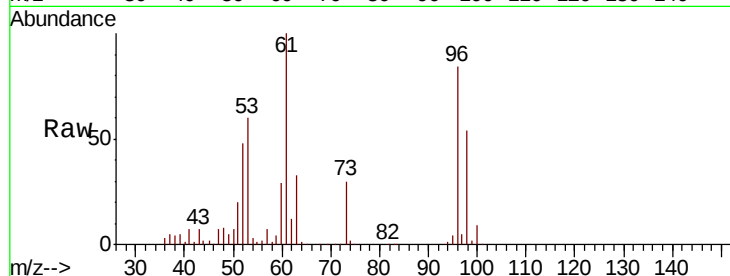
Tot Ion: 96 Resp: 46965

Ion Ratio Lower Upper

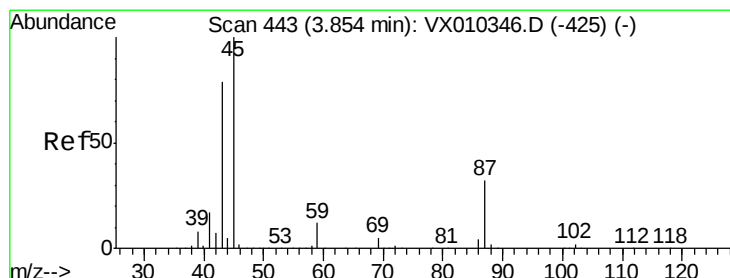
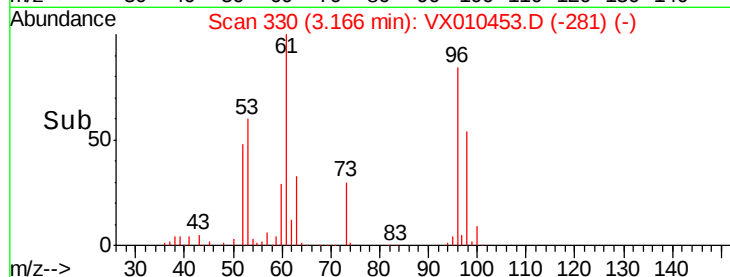
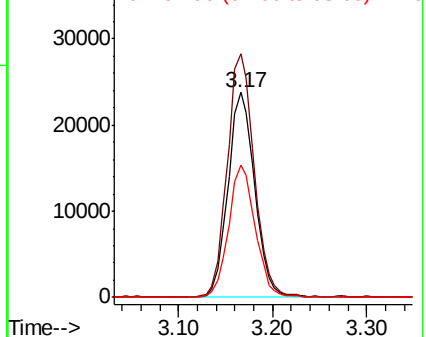
96 100

61 119.0 95.6 143.4

98 64.6 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: 19.908 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion: 45 Resp: 137531

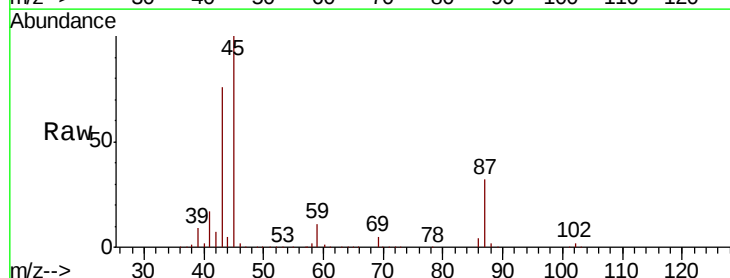
Ion Ratio Lower Upper

45 100

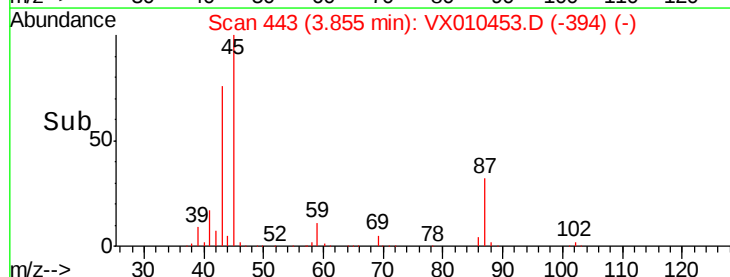
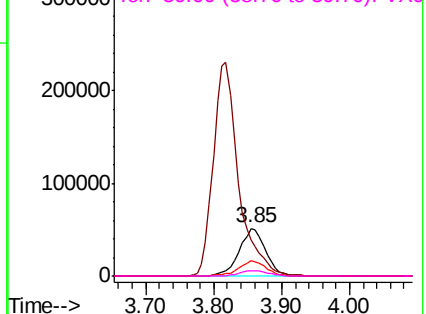
43 75.6 63.3 94.9

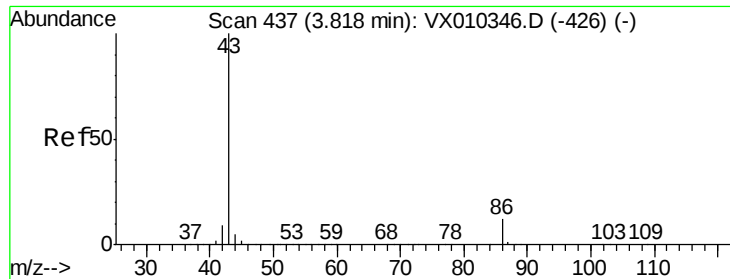
87 31.7 25.8 38.8

59 10.9 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

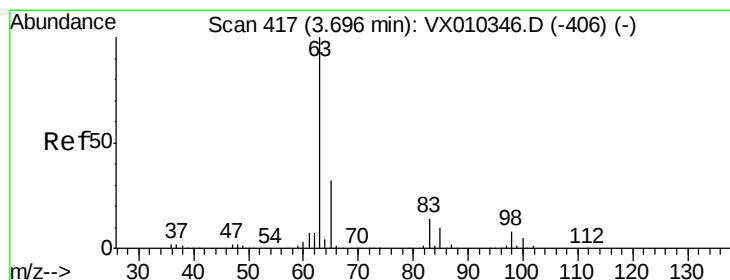
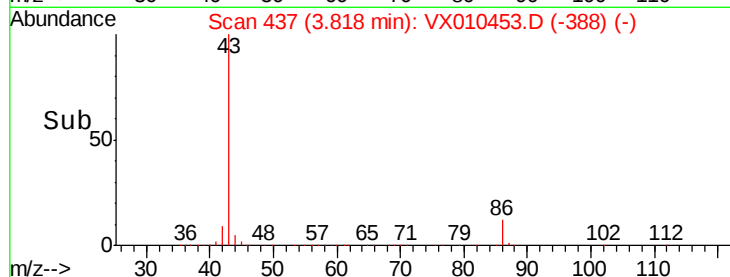
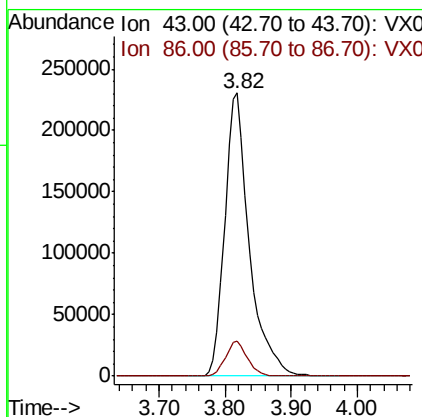
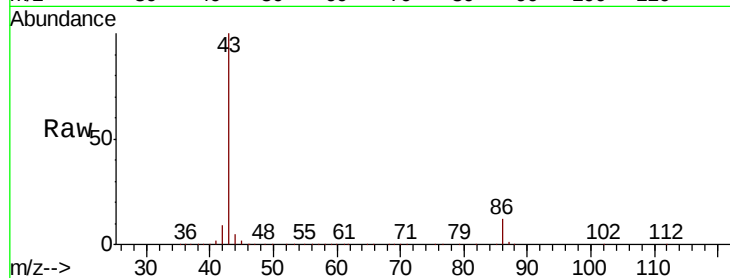




#23
 Vinyl Acetate
 Concen: 99.498 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

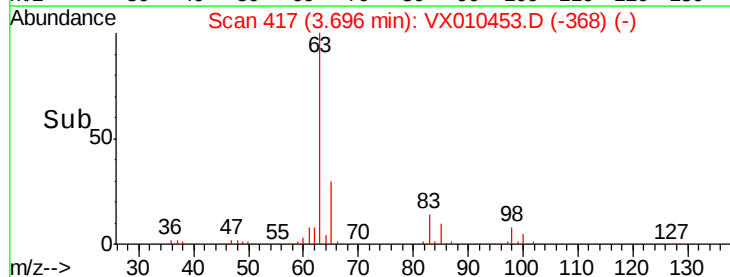
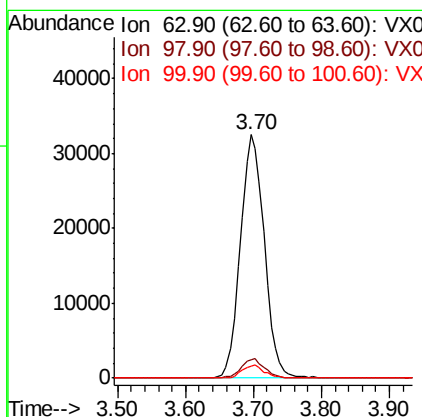
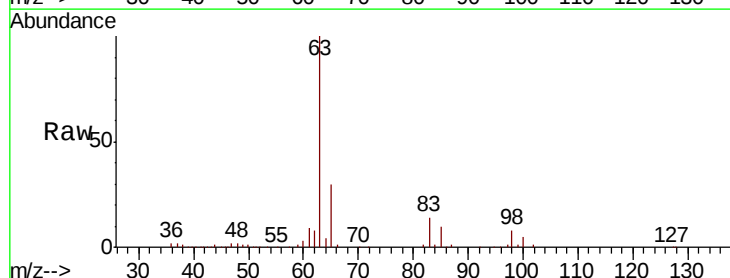
Instrument :
 MSVOA_X
 ClientSampled :

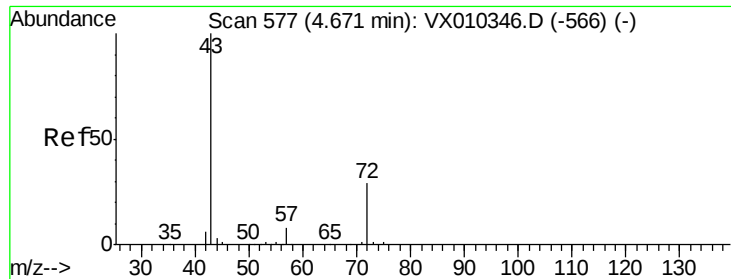
Tot Ion: 43 Resp: 593820
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.806 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion: 63 Resp: 79091
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.1 2.4 7.1





#25

2-Butanone

Concen: 98.928 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

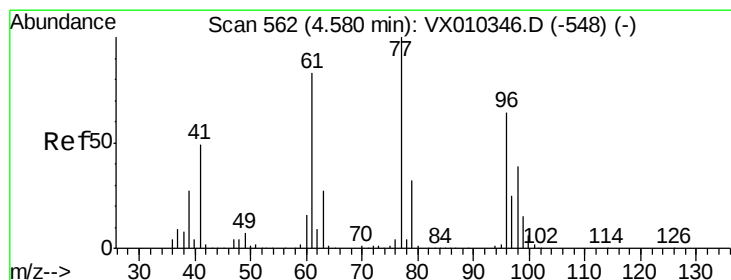
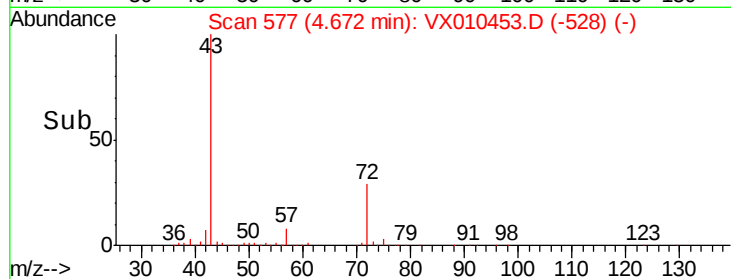
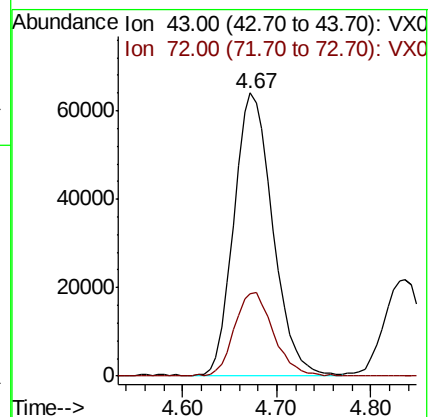
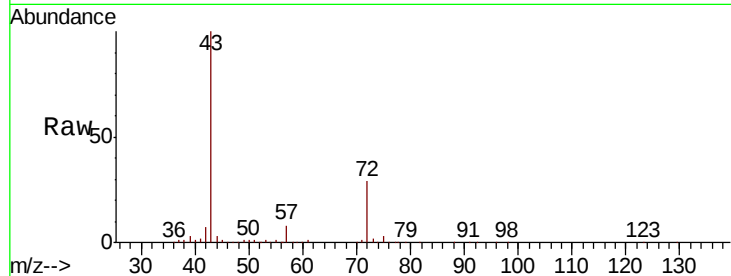
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 183097

Ion Ratio Lower Upper

43 100

72 28.9 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.452 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010453.D

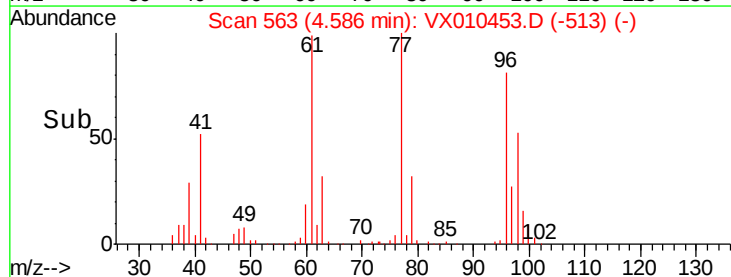
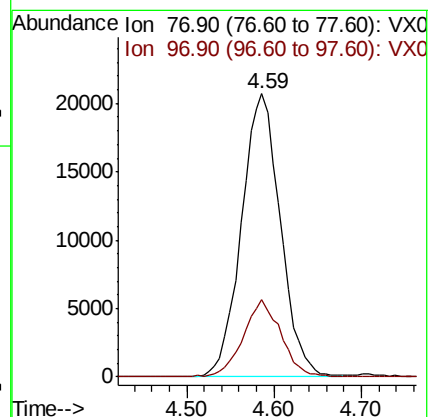
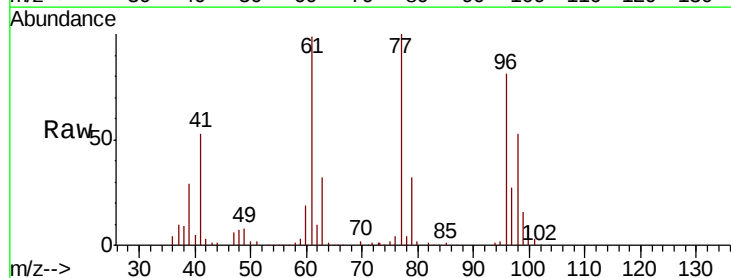
Acq: 26 Jun 2019 11:29

Tgt Ion: 77 Resp: 64010

Ion Ratio Lower Upper

77 100

97 26.3 13.1 39.3



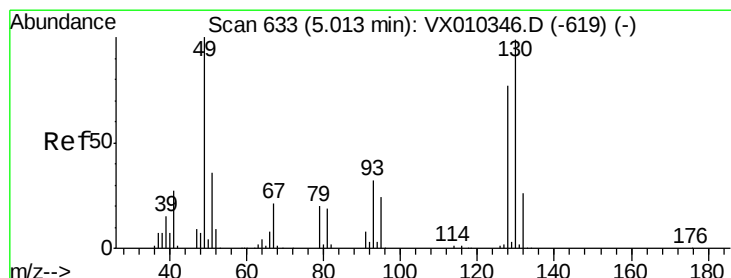
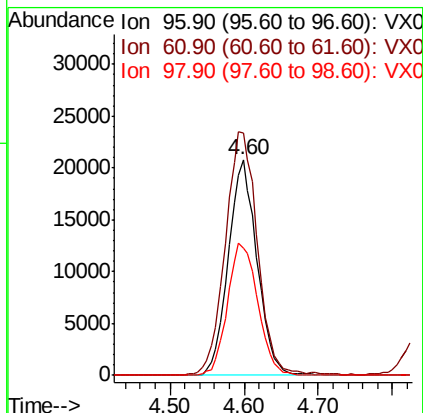
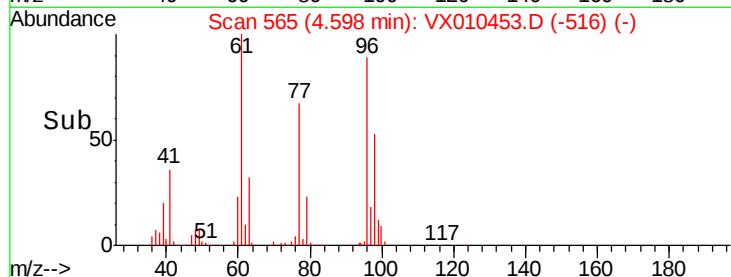
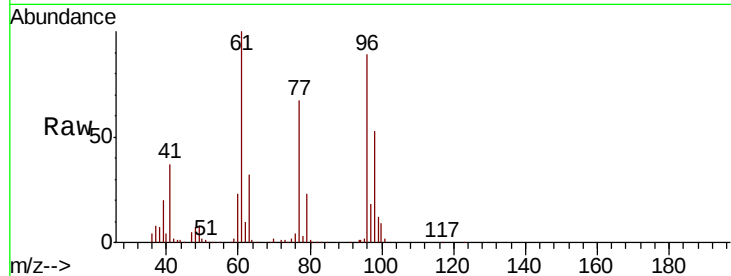


#27

cis-1,2-Dichloroethene
Concen: 19.449 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

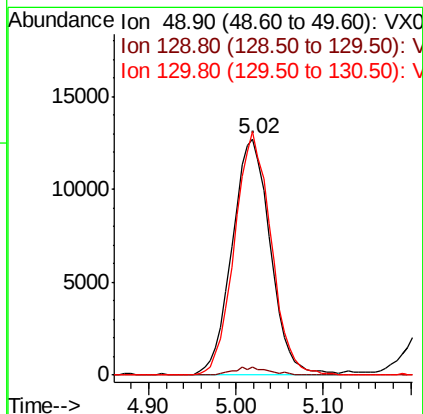
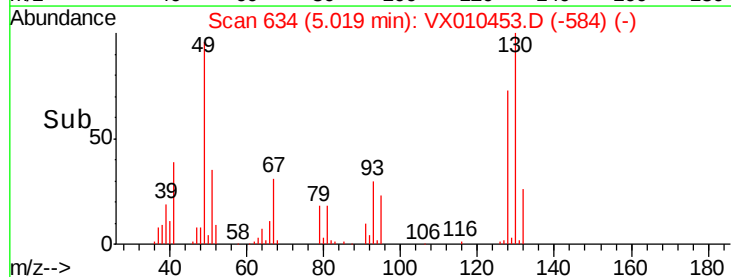
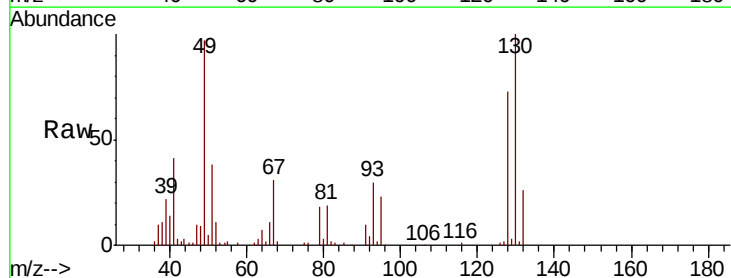
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	251.8
98	64.6	0.0	129.4

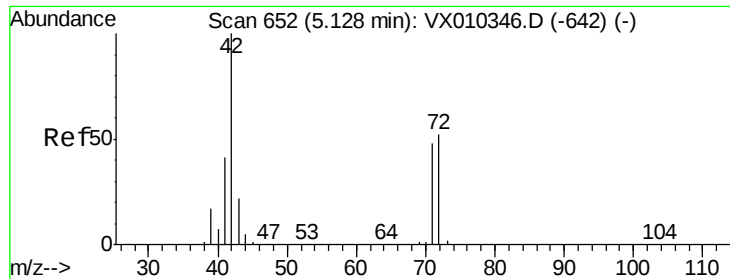


#28

Bromochloromethane
Concen: 20.304 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	98.0	81.4	122.0

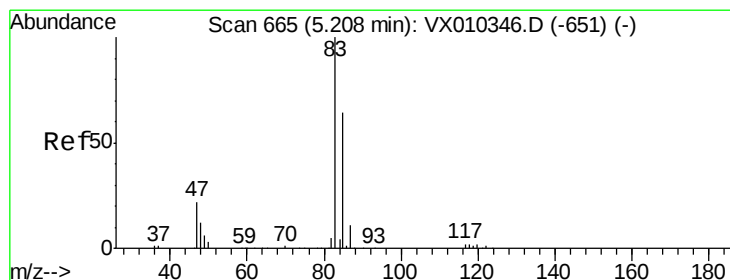
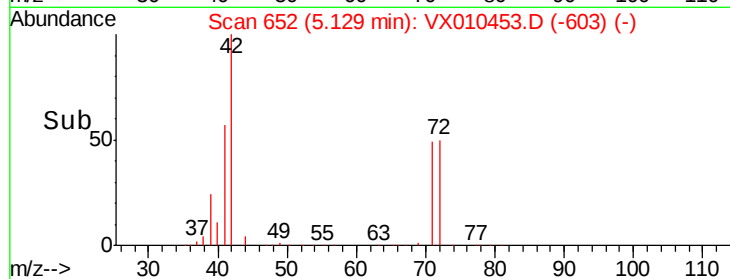
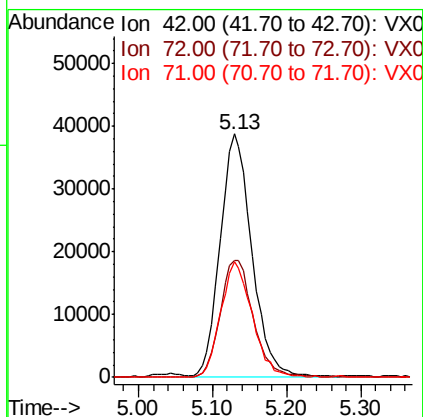
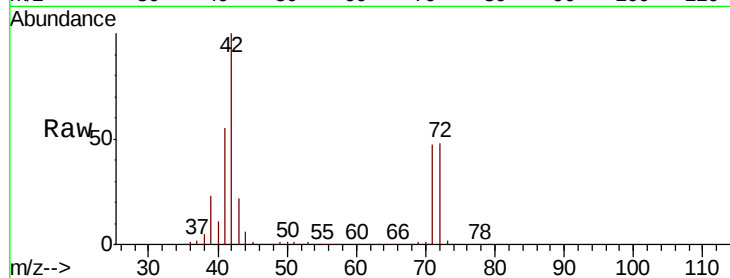




#29
Tetrahydrofuran
Concen: 99.583 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

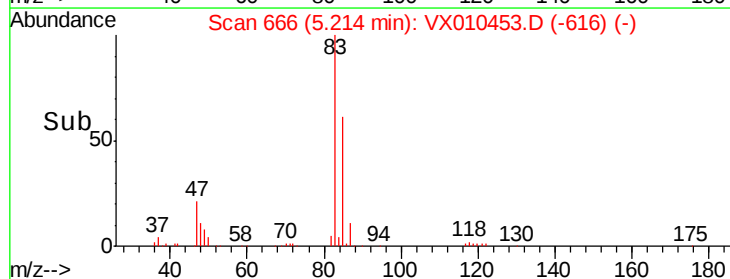
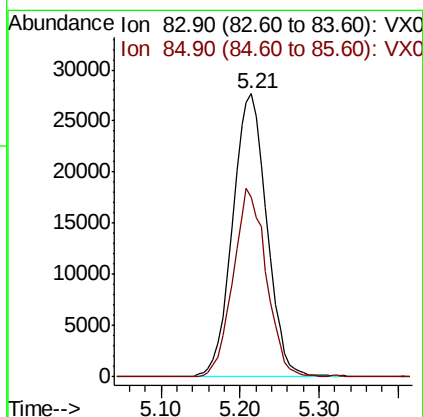
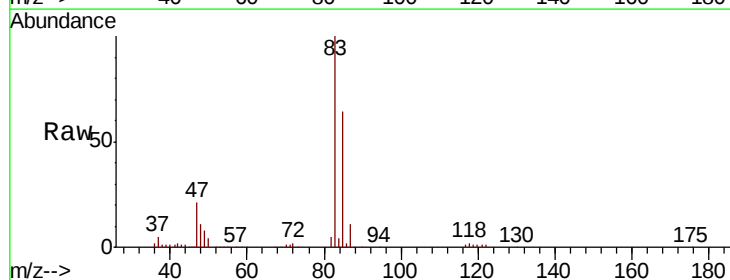
Instrument :
MSVOA_X
ClientSampleId :

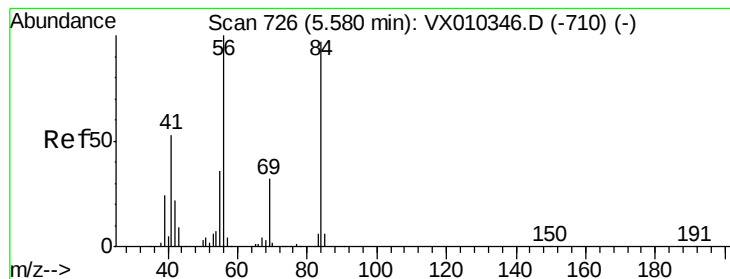
Tot Ion: 42 Resp: 114162
Ion Ratio Lower Upper
42 100
72 50.3 40.6 60.8
71 47.6 37.8 56.8



#30
Chloroform
Concen: 19.406 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 83 Resp: 83380
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3





#31

Cyclohexane

Concen: 18.820 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

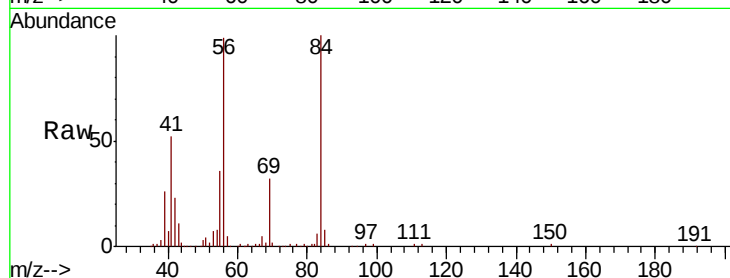
Tot Ion: 56 Resp: 68437

Ion Ratio Lower Upper

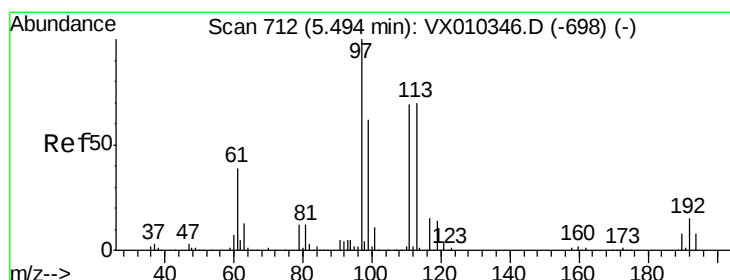
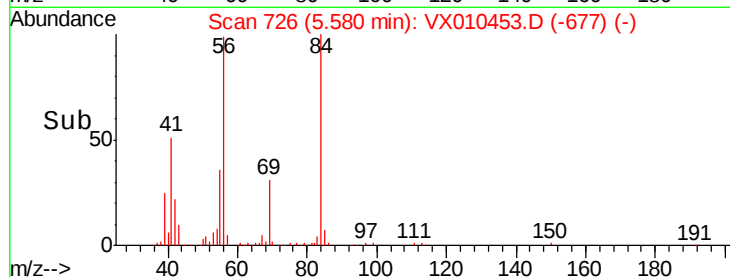
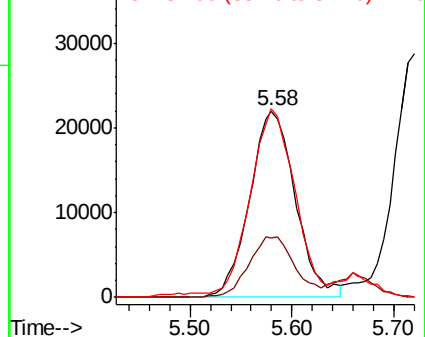
56 100

69 31.9 25.9 38.9

84 98.8 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 19.542 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

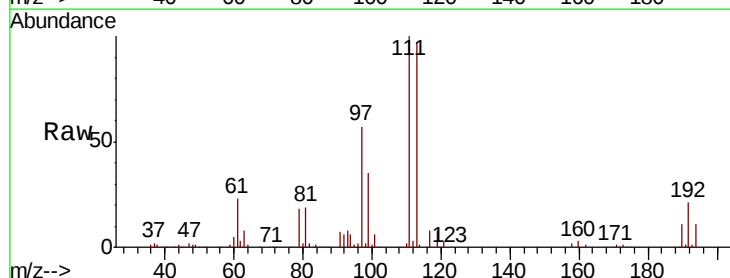
Tgt Ion: 97 Resp: 74139

Ion Ratio Lower Upper

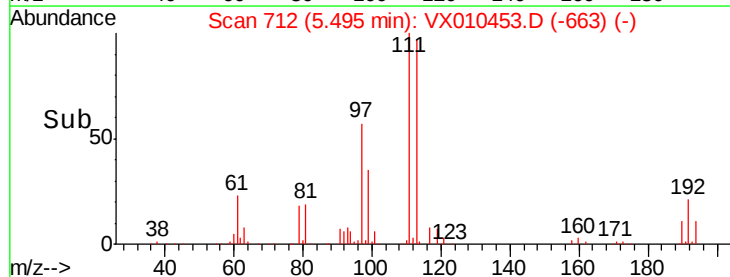
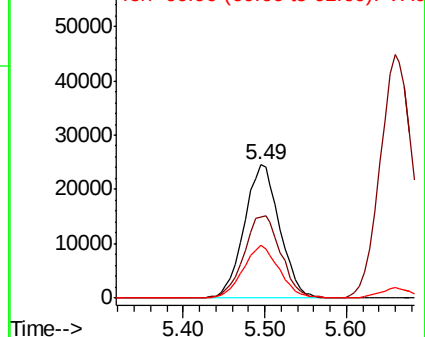
97 100

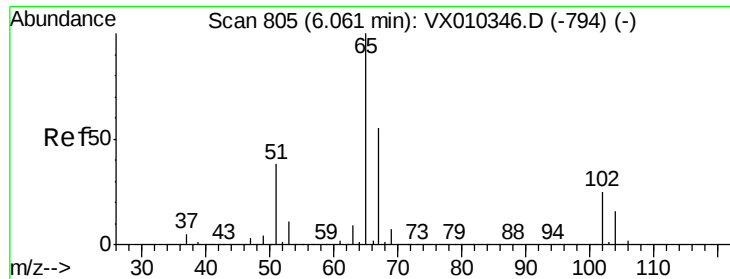
99 64.3 51.8 77.8

61 40.5 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 49.015 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

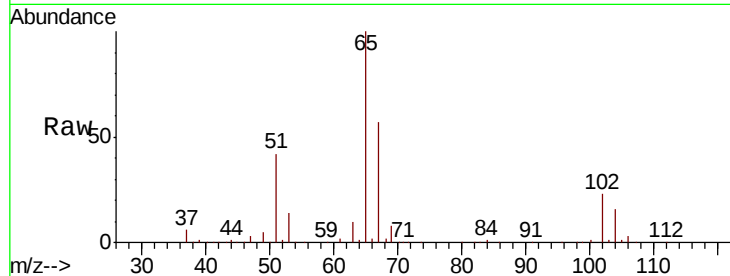
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 123398

Ion Ratio Lower Upper

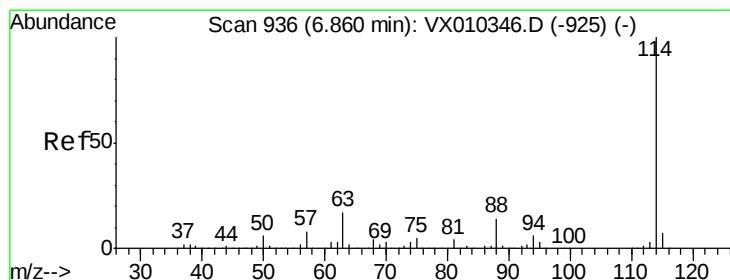
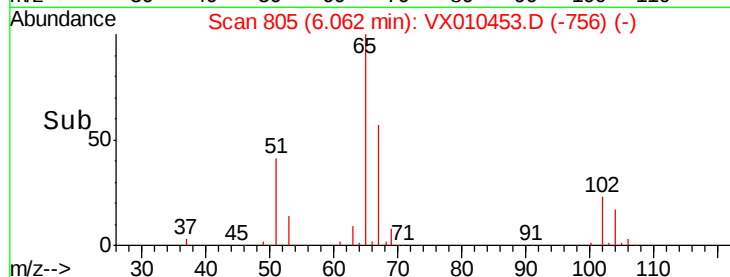
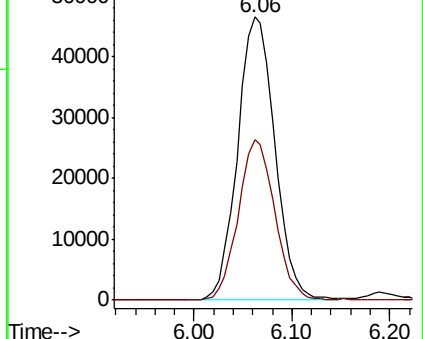
65 100

67 55.5 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

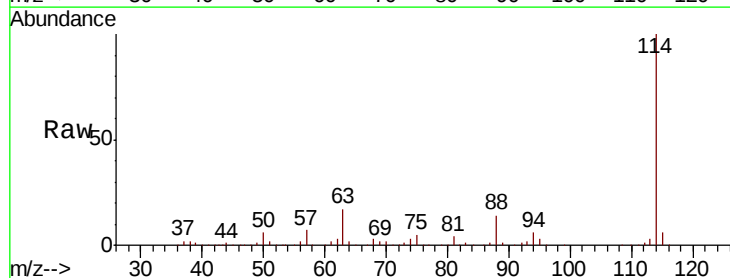
Tgt Ion: 114 Resp: 400620

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

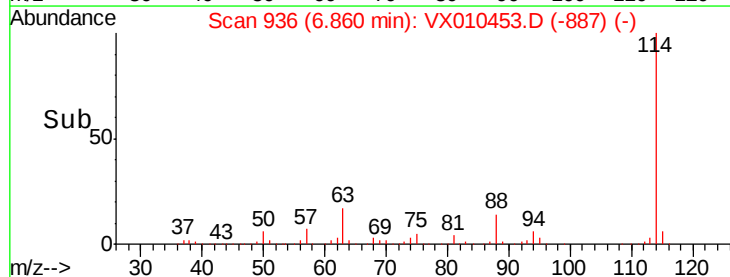
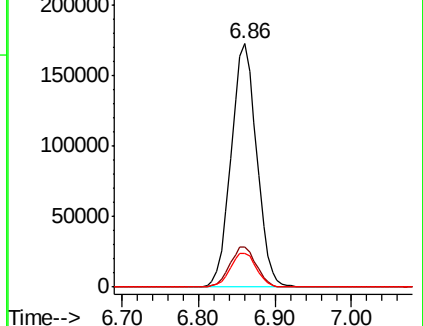
88 14.0 0.0 27.6

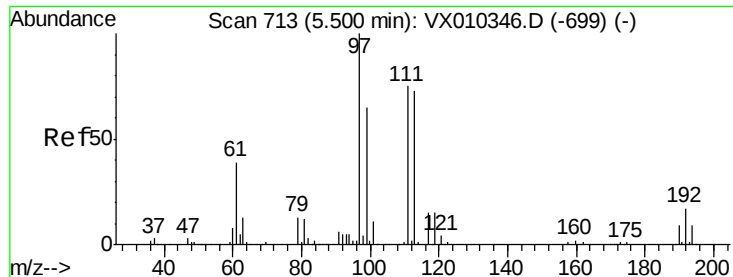


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 5.50 min Scan# 713

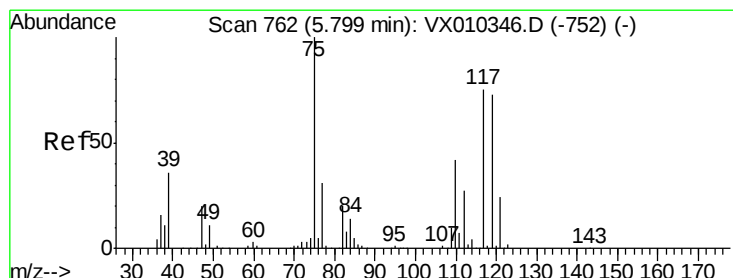
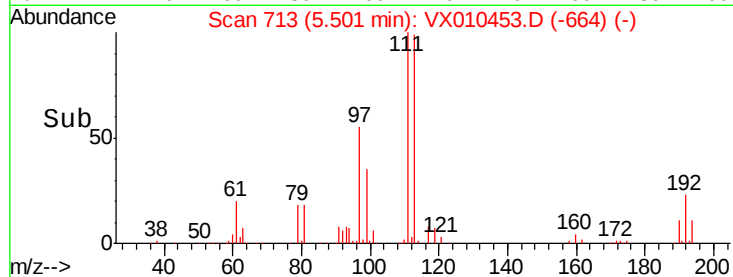
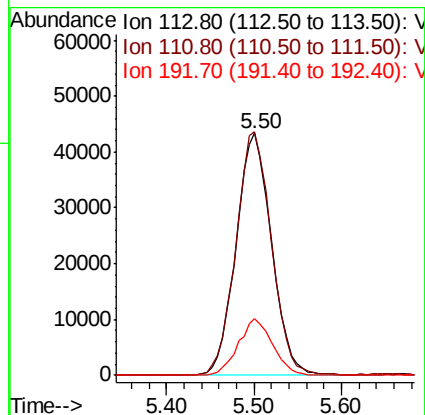
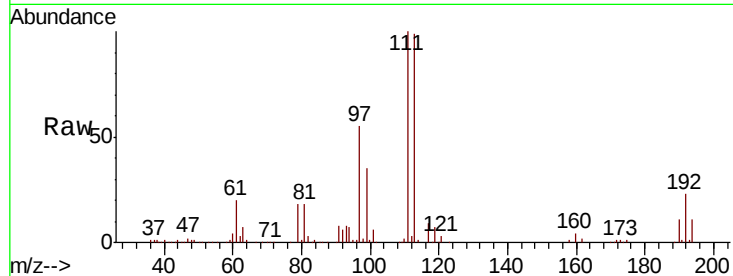
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	122155
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	22.7	18.6	27.8



#36

1,1-Dichloropropene

Concen: 18.807 ug/l

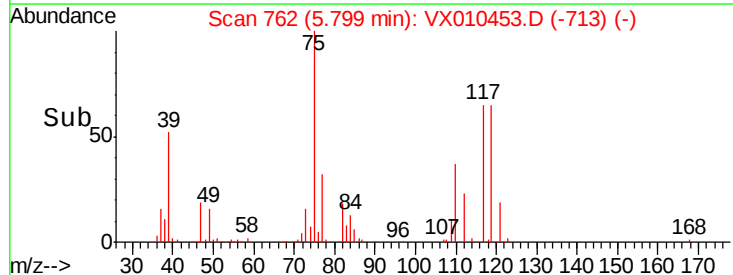
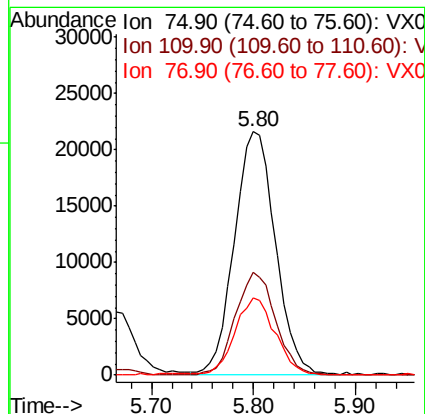
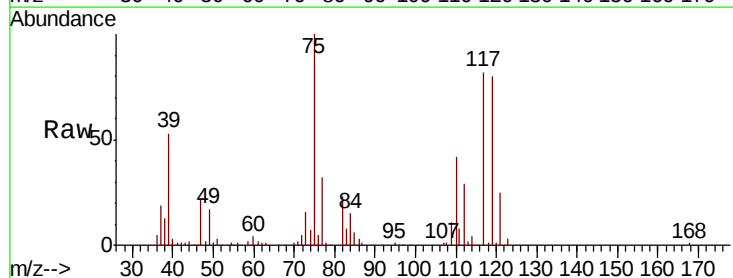
RT: 5.80 min Scan# 762

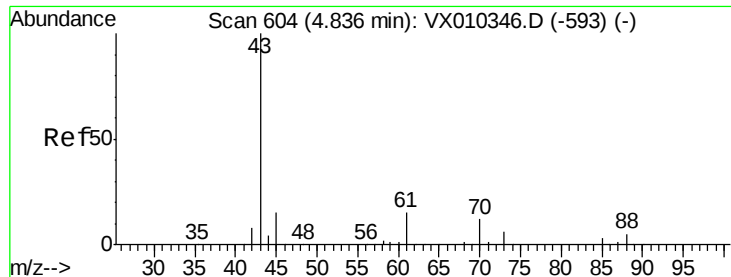
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion:	75	Resp:	59873
Ion	Ratio	Lower	Upper
75	100		
110	41.8	20.8	62.2
77	30.6	25.4	38.0

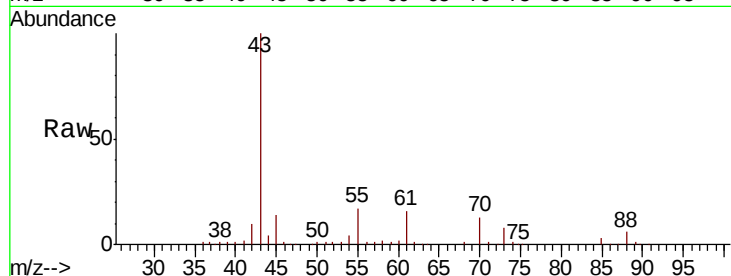




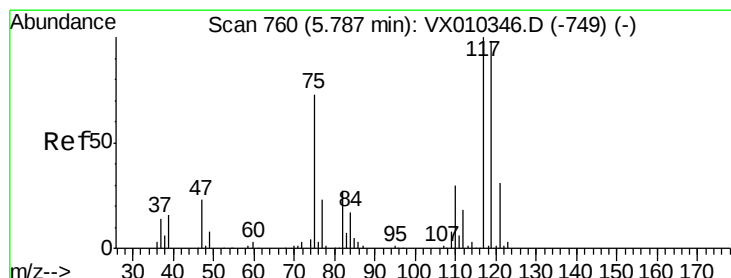
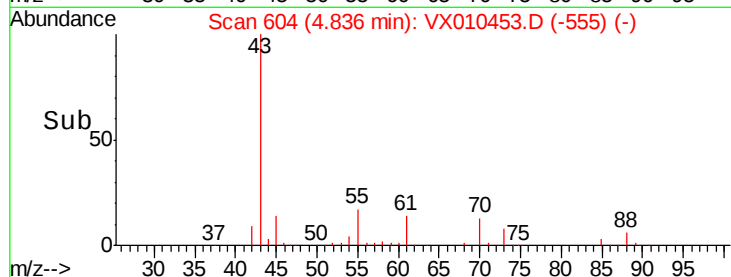
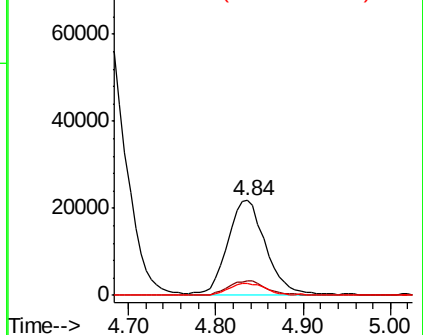
#37
Ethyl Acetate
Concen: 19.786 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 64800
Ion Ratio Lower Upper
43 100
61 15.7 12.4 18.6
70 13.0 9.8 14.8

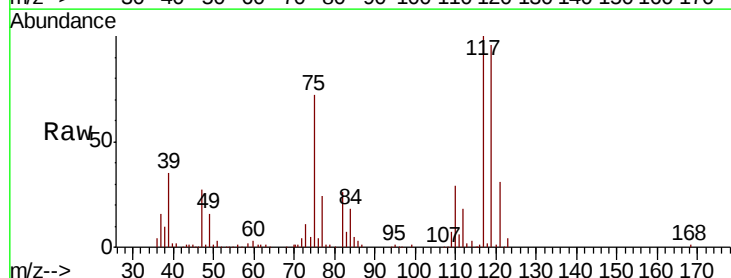


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

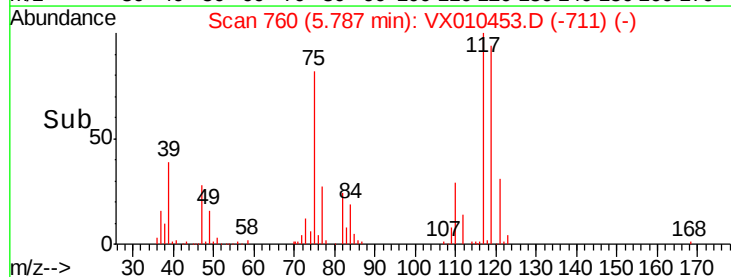
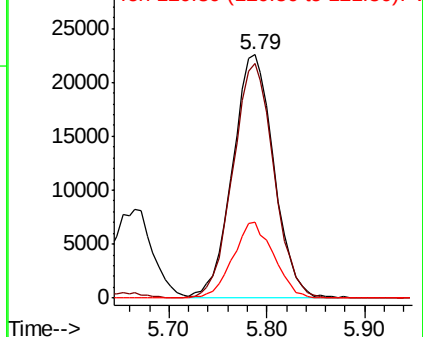


#38
Carbon Tetrachloride
Concen: 19.151 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 117 Resp: 66020
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.4
121 31.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

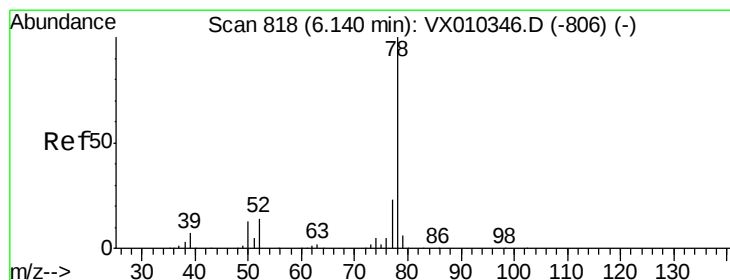
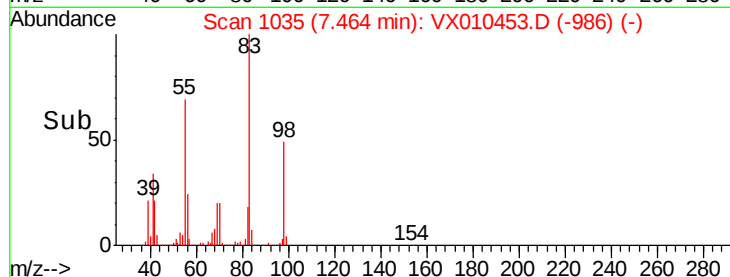
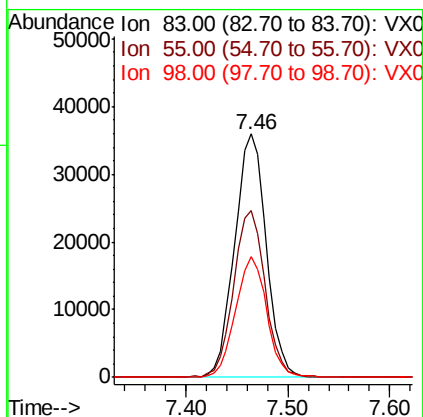
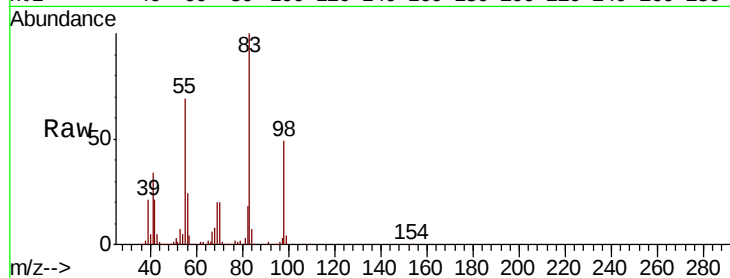




#39
Methvlcvclohexane
Concen: 18.468 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

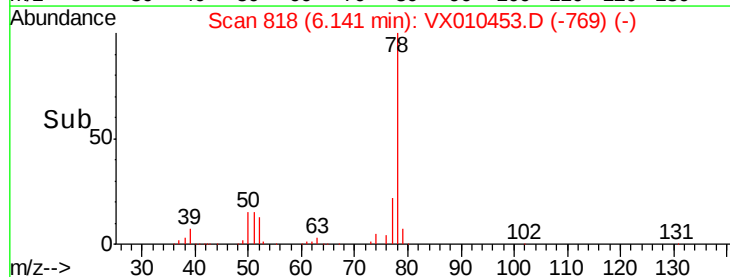
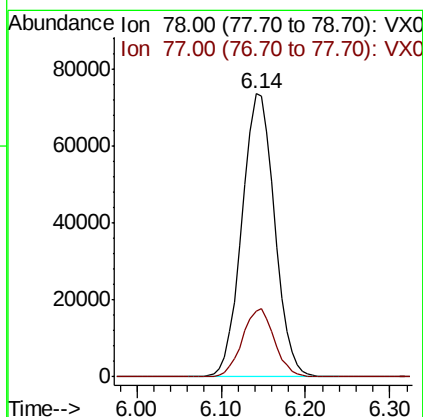
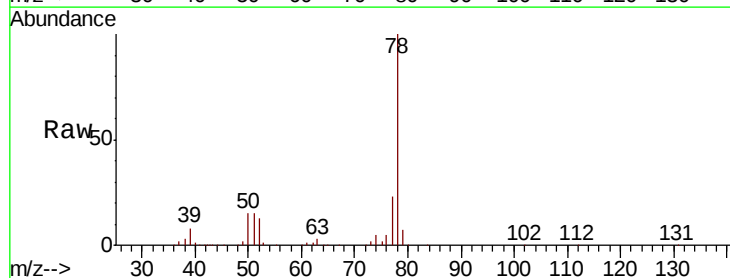
Instrument :
MSVOA_X
ClientSampled :

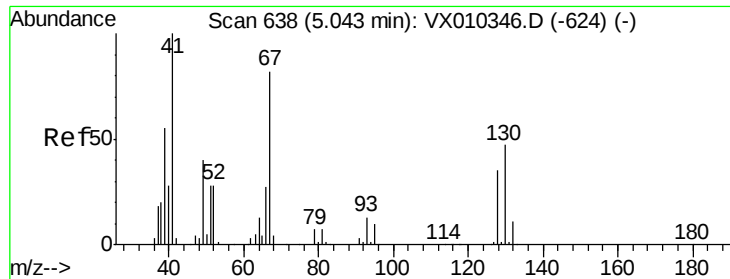
Tot Ion: 83 Resp: 77281
Ion Ratio Lower Upper
83 100
55 68.3 53.0 79.6
98 49.4 37.8 56.8



#40
Benzene
Concen: 19.528 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 78 Resp: 193682
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

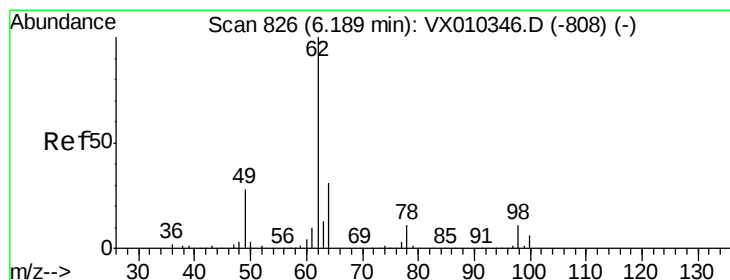
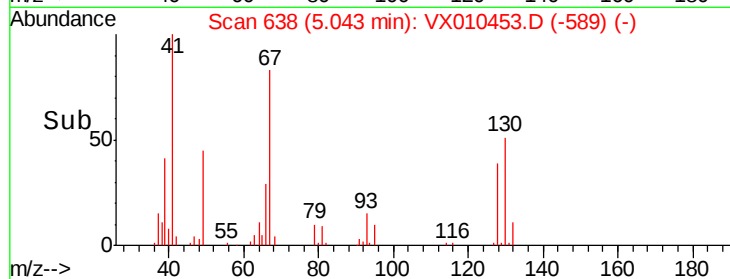
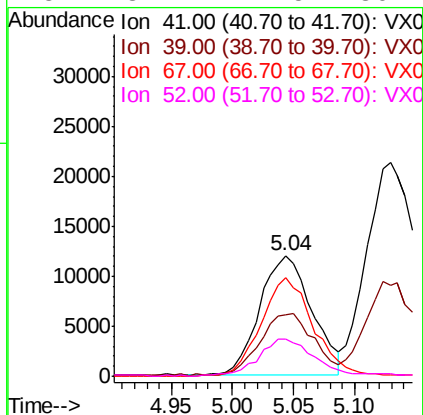
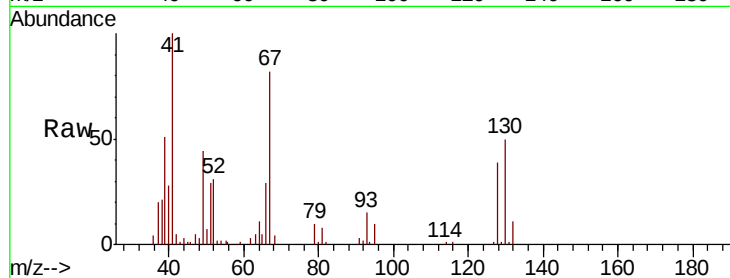




#41
Methacrylonitrile
Concen: 19.847 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

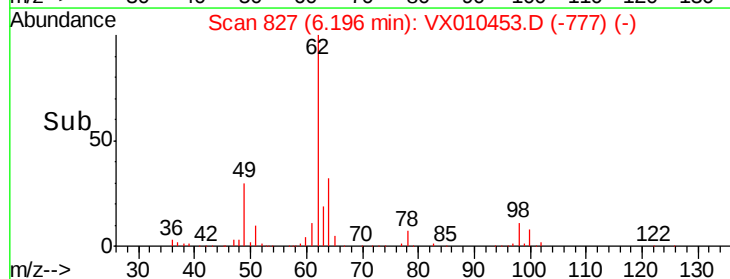
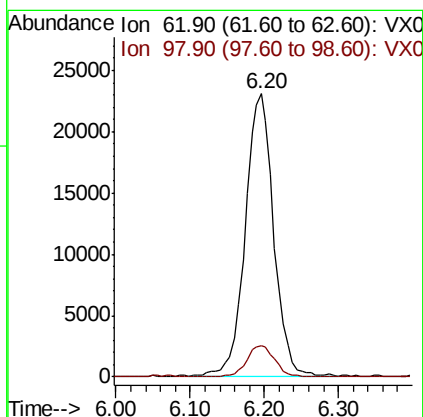
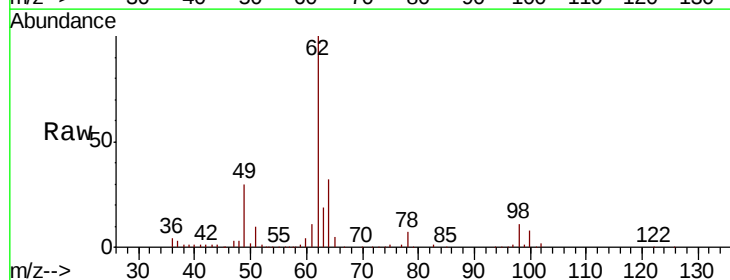
Instrument :
MSVOA_X
ClientSampled :

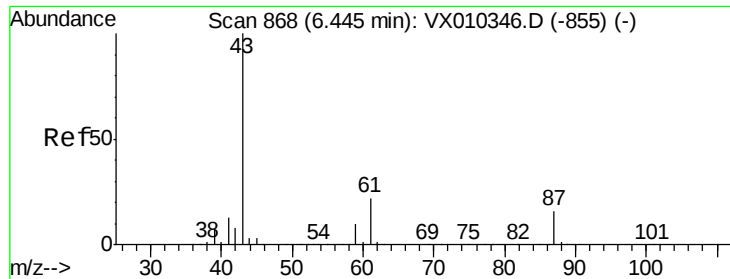
Tot Ion:	41	Resp:	35664
Ion	Ratio	Lower	Upper
41	100		
39	51.8	43.8	65.8
67	82.5	66.6	100.0
52	31.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 20.215 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:	62	Resp:	61033
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.2



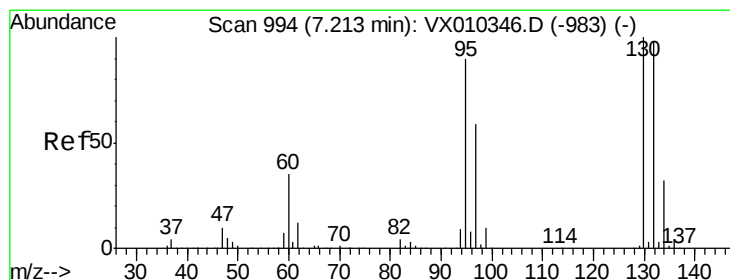
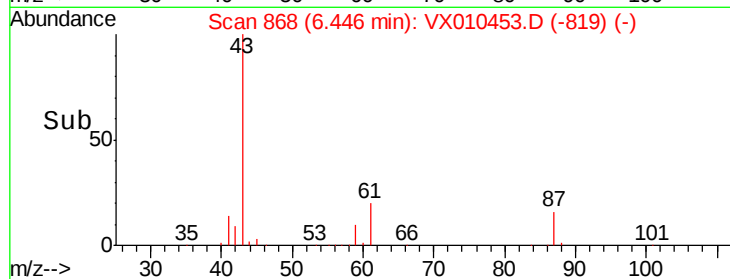
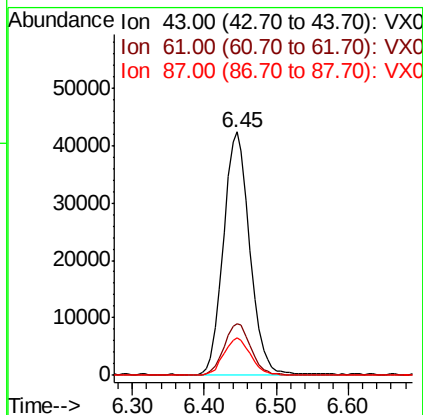
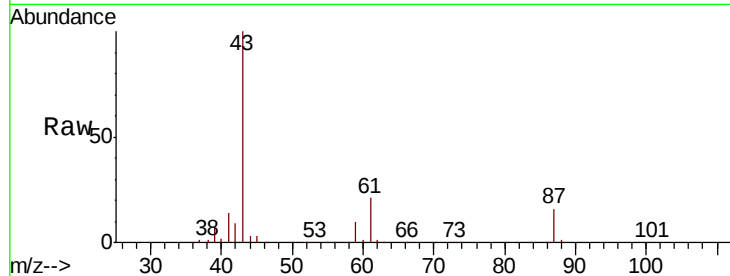


#43

Isopropyl Acetate
 Concen: 20.042 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampled :

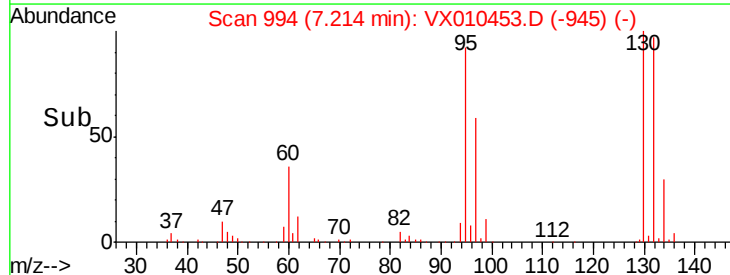
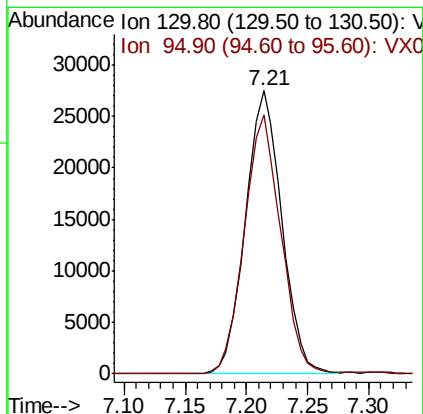
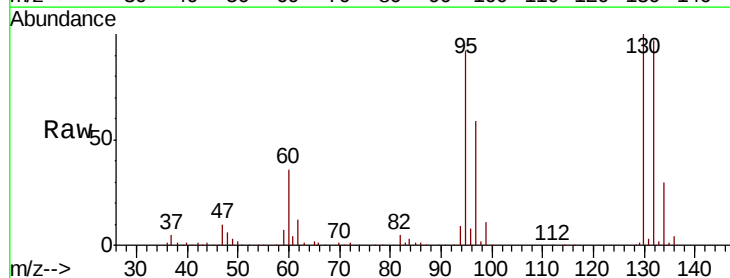
Tot Ion: 43 Resp: 108601
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.6 13.0 19.4

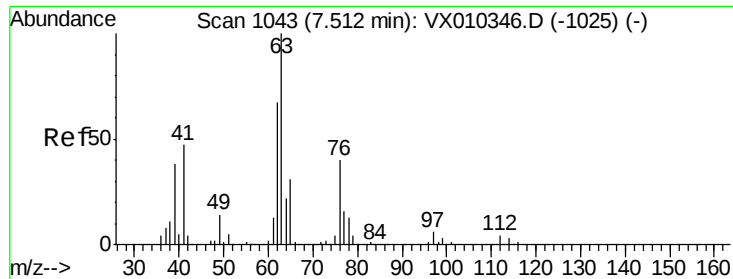


#44

Trichloroethene
 Concen: 19.217 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion:130 Resp: 57033
 Ion Ratio Lower Upper
 130 100
 95 91.6 0.0 180.8





#45

1,2-Dichloropropane

Concen: 19.656 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

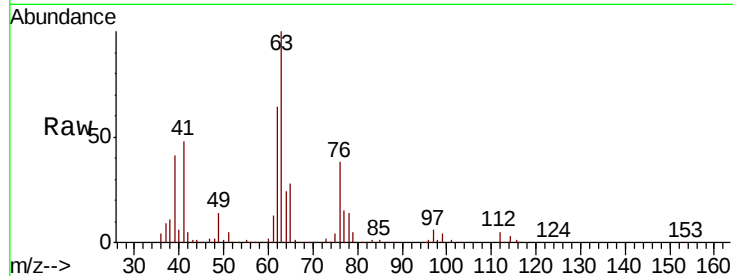
ClientSampled :

Tot Ion: 63 Resp: 49231

Ion Ratio Lower Upper

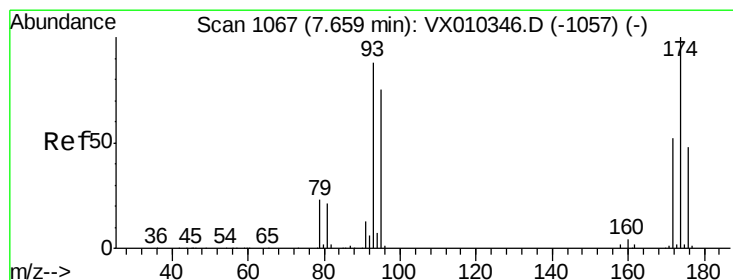
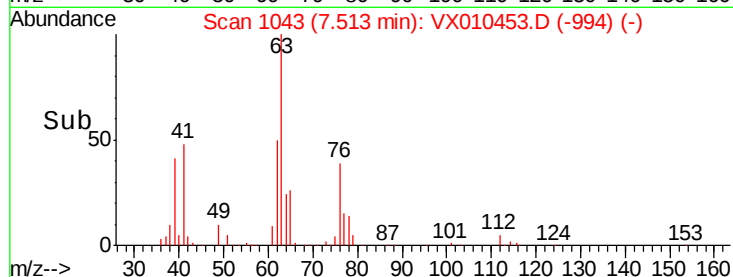
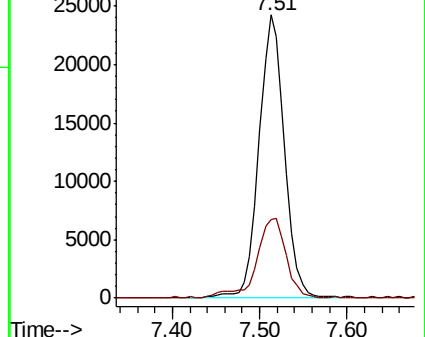
63 100

65 27.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.633 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

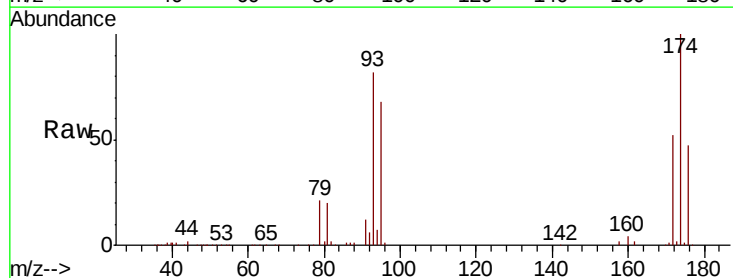
Tgt Ion: 93 Resp: 35281

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

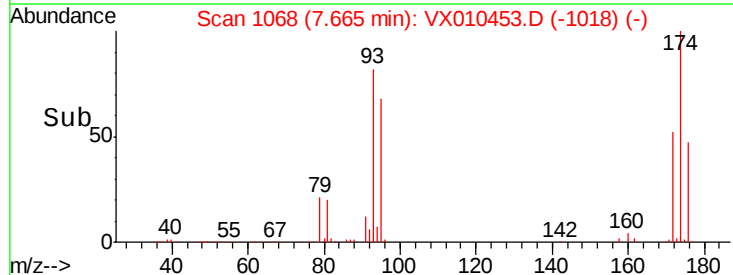
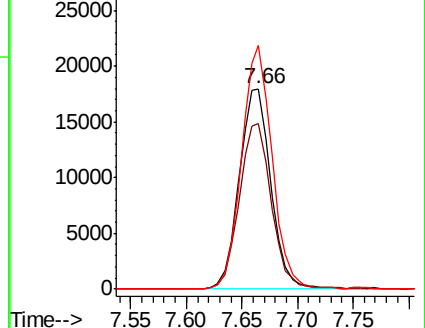
174 117.6 95.8 143.6

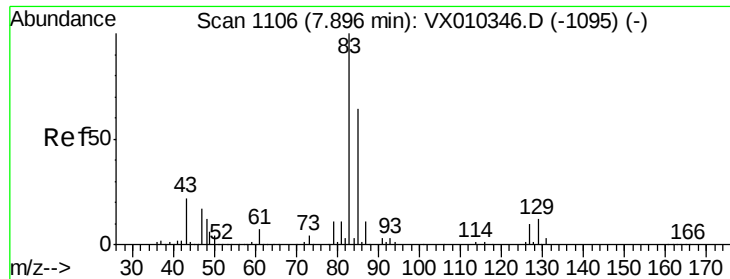


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.146 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

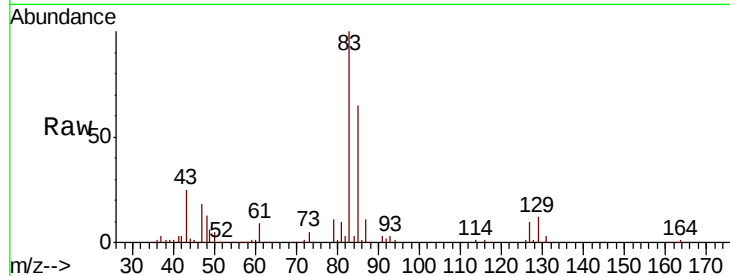
Tot Ion: 83 Resp: 63053

Ion Ratio Lower Upper

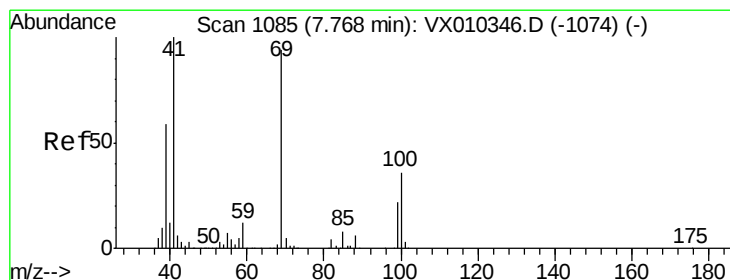
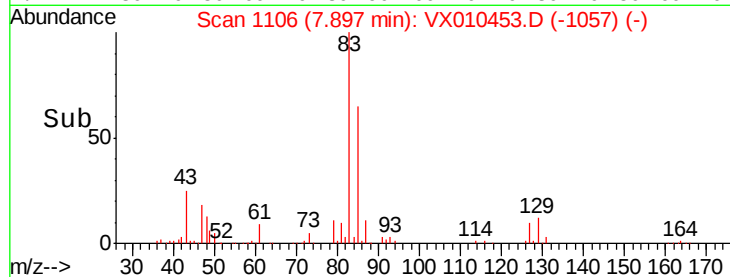
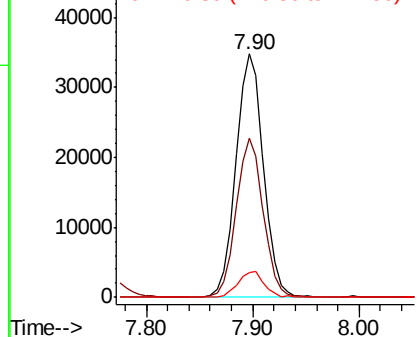
83 100

85 65.1 51.5 77.3

127 10.0 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: 19.800 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

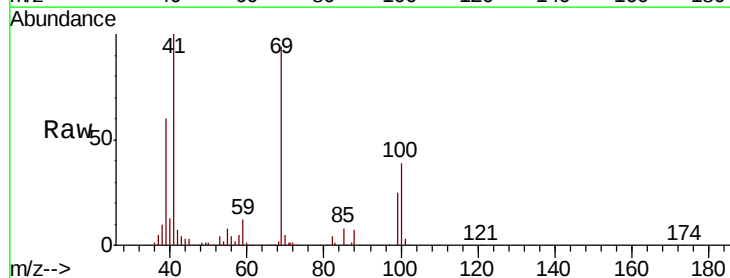
Tgt Ion: 41 Resp: 49870

Ion Ratio Lower Upper

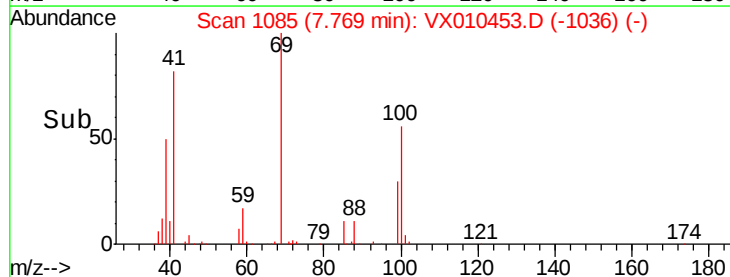
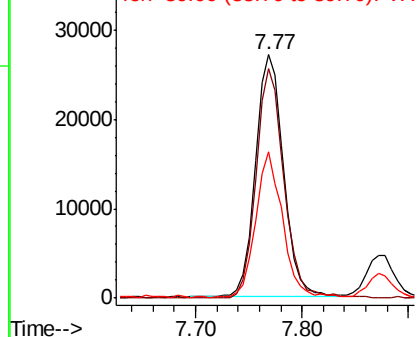
41 100

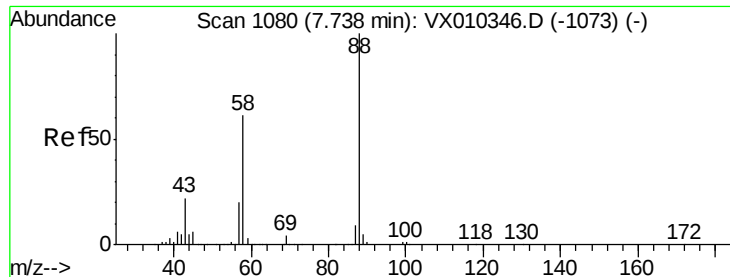
69 95.0 76.1 114.1

39 57.7 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: 418.644 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

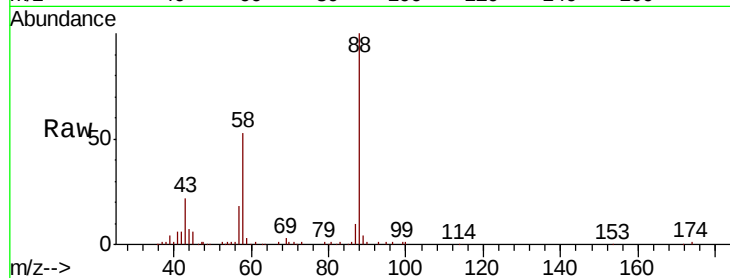
Tot Ion: 88 Resp: 30375

Ion Ratio Lower Upper

88 100

43 26.5 20.2 30.2

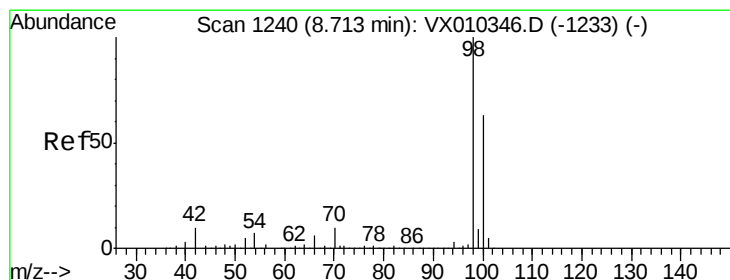
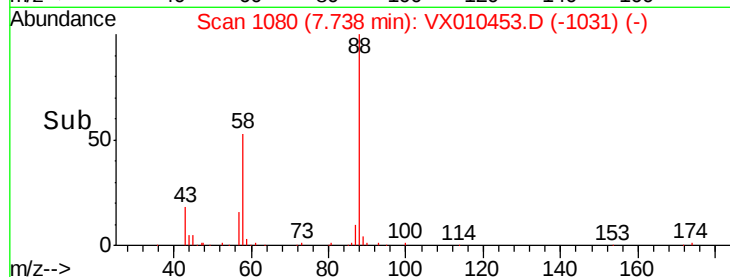
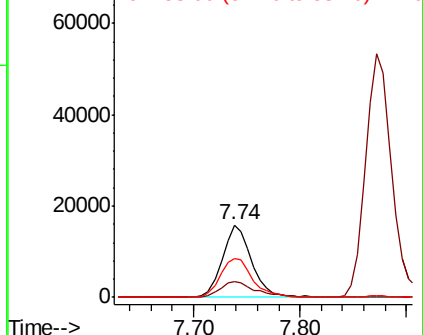
58 58.8 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.155 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010453.D

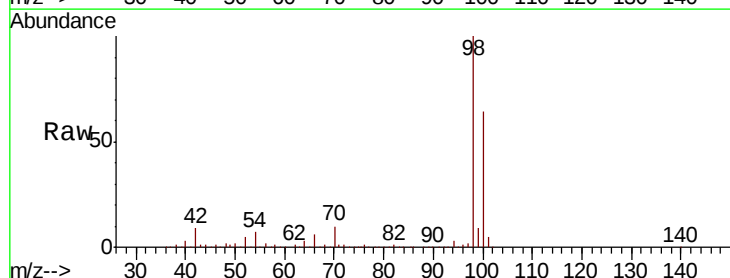
Acq: 26 Jun 2019 11:29

Tgt Ion: 98 Resp: 460958

Ion Ratio Lower Upper

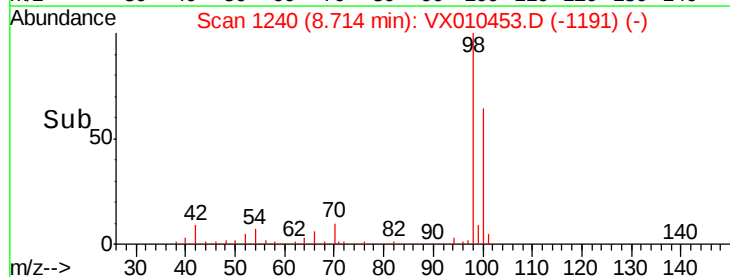
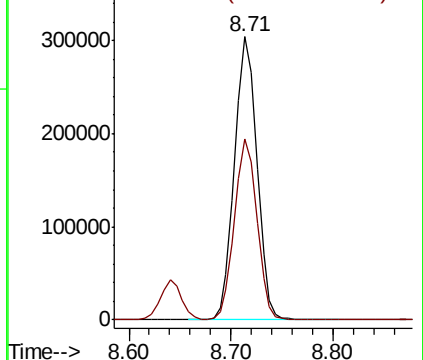
98 100

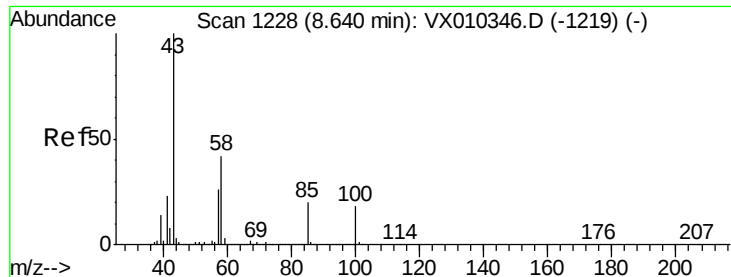
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

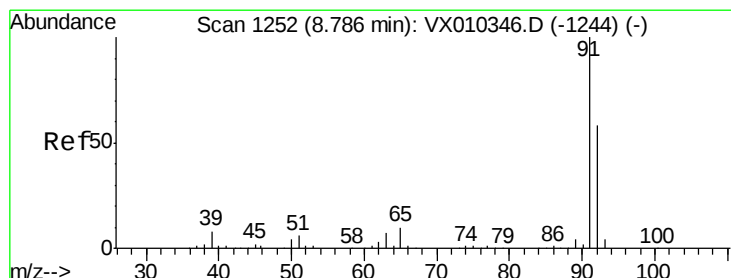
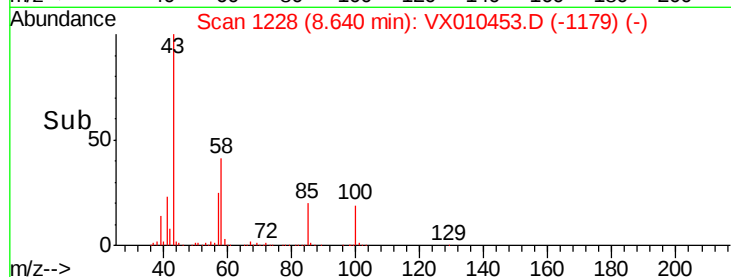
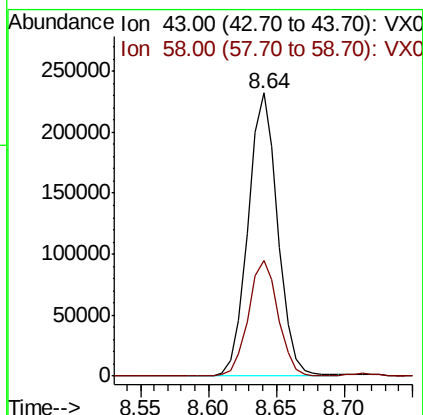
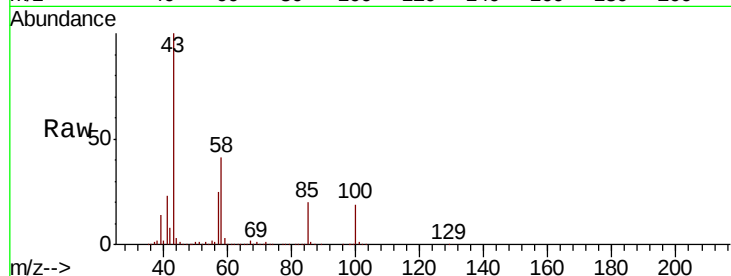




#51
4-Methyl-2-Pentanone
Concen: 102.203 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

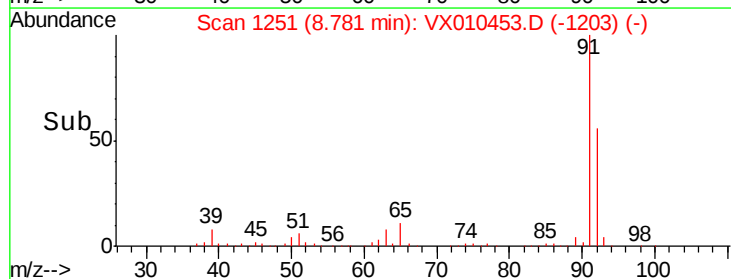
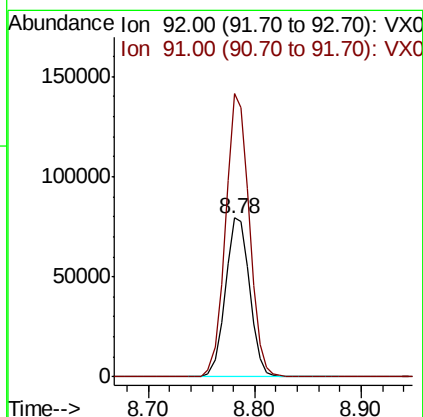
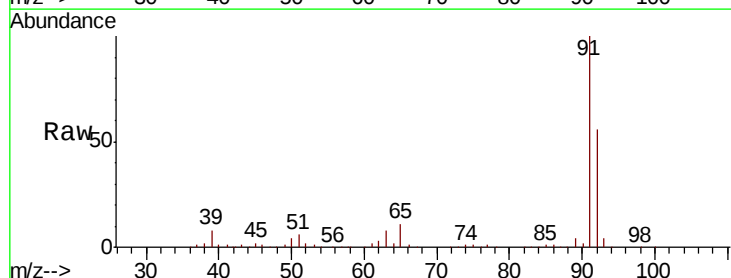
Instrument :
MSVOA_X
ClientSampled :

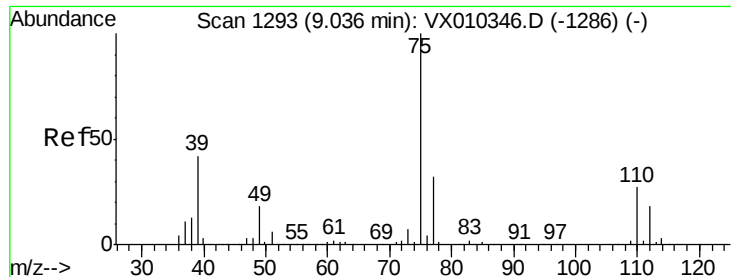
Tot Ion: 43 Resp: 354187
Ion Ratio Lower Upper
43 100
58 41.2 33.5 50.3



#52
Toluene
Concen: 19.458 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 92 Resp: 127091
Ion Ratio Lower Upper
92 100
91 173.3 139.8 209.6

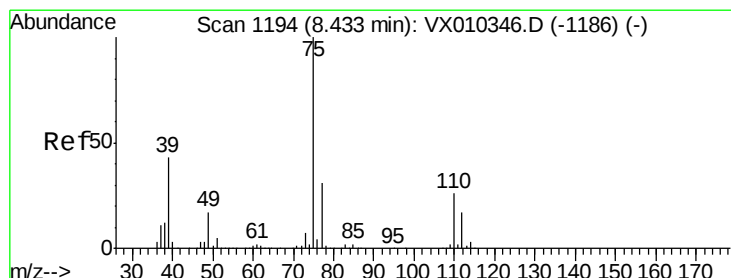
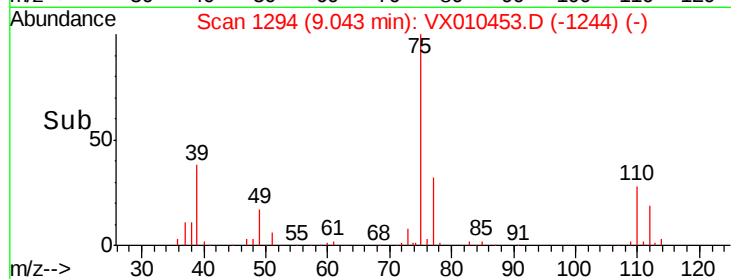
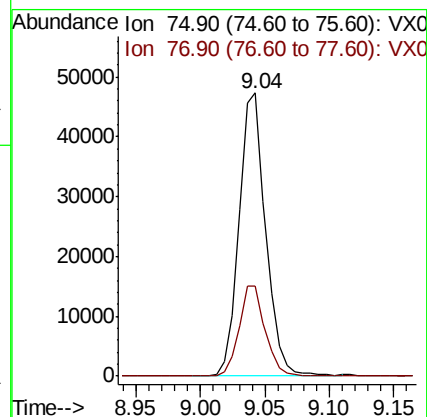
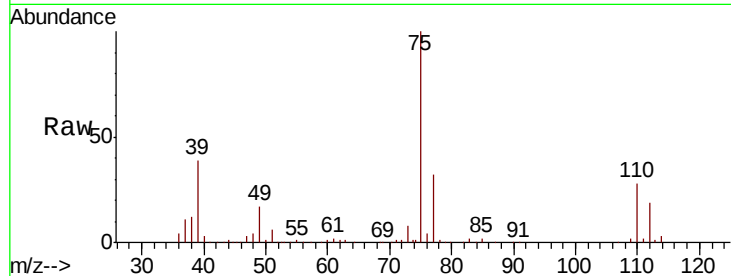




#53
t-1,3-Dichloropropene
Concen: 18.478 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

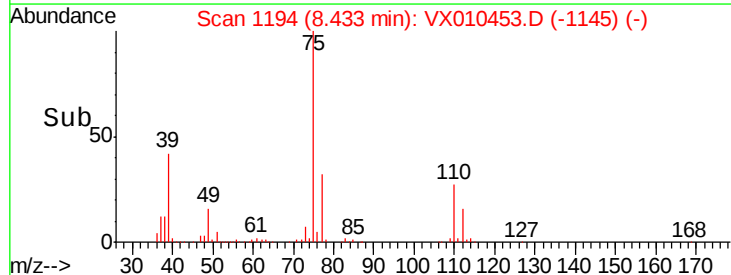
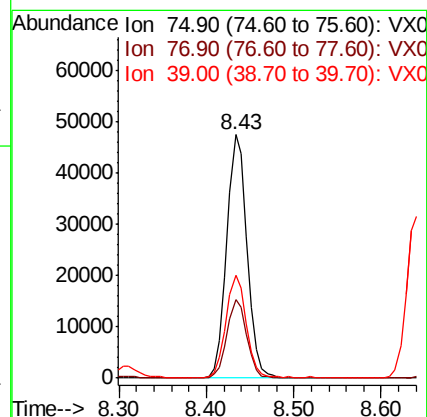
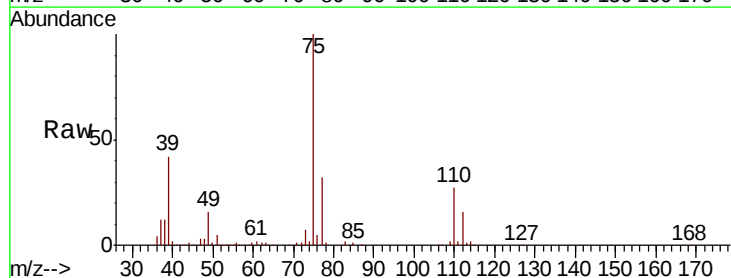
Instrument :
MSVOA_X
ClientSampled :

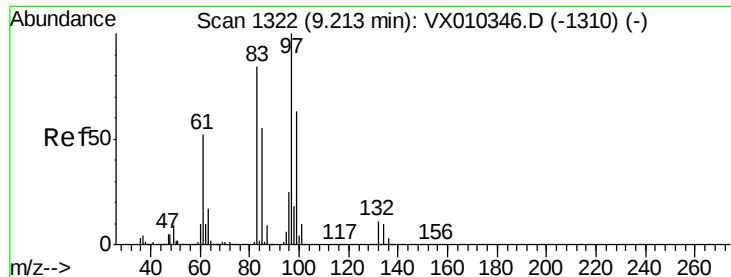
Tot Ion: 75 Resp: 68226
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.037 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 75 Resp: 76382
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 41.9 34.5 51.7

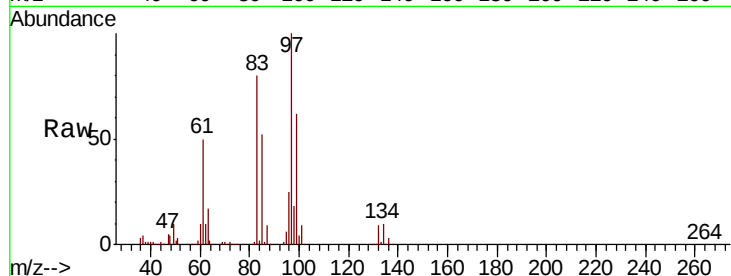




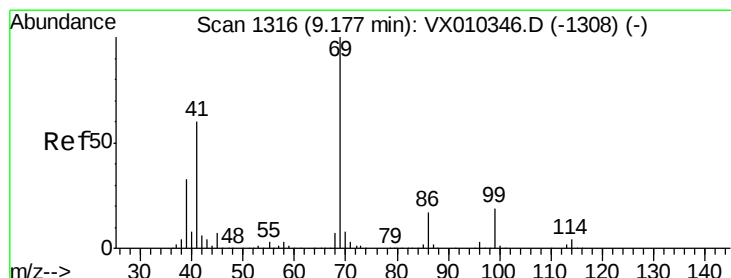
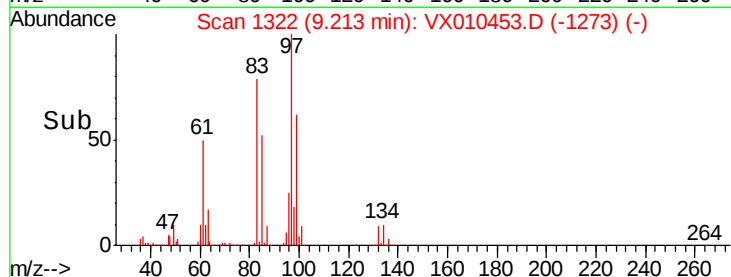
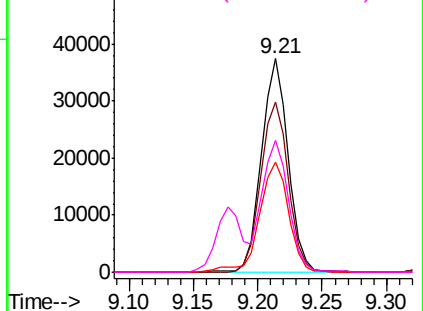
#55
1,1,2-Trichloroethane
Concen: 19.904 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 53616
Ion Ratio Lower Upper
97 100
83 79.6 67.4 101.0
85 51.6 43.8 65.8
99 61.4 50.3 75.5

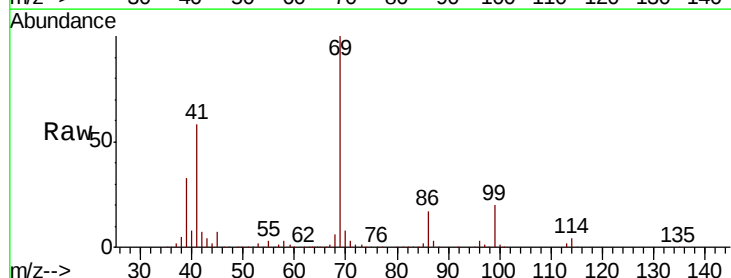


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

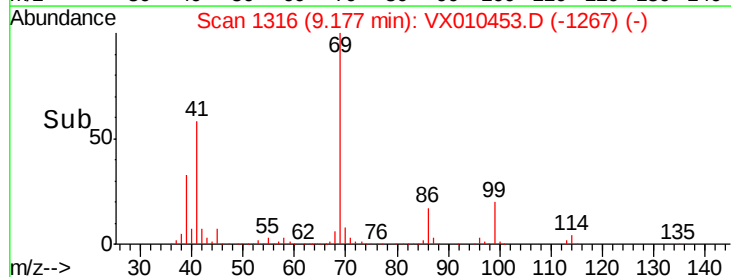
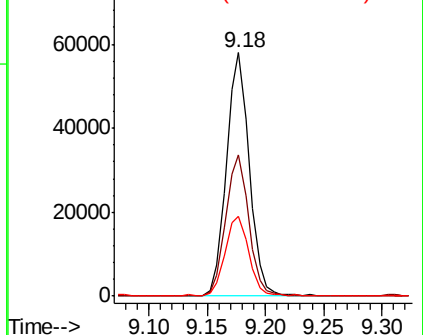


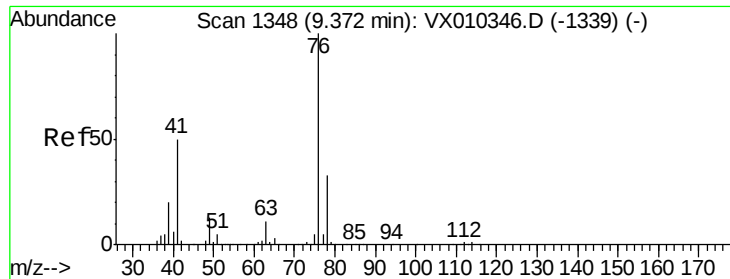
#56
Ethyl methacrylate
Concen: 19.391 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 69 Resp: 79127
Ion Ratio Lower Upper
69 100
41 57.9 47.1 70.7
39 33.9 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: 20.050 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

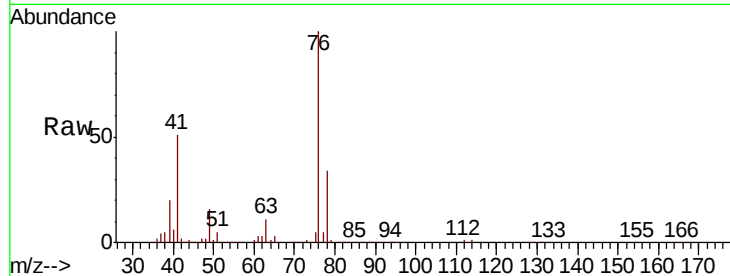
ClientSampleId :

Tot Ion: 76 Resp: 83837

Ion Ratio Lower Upper

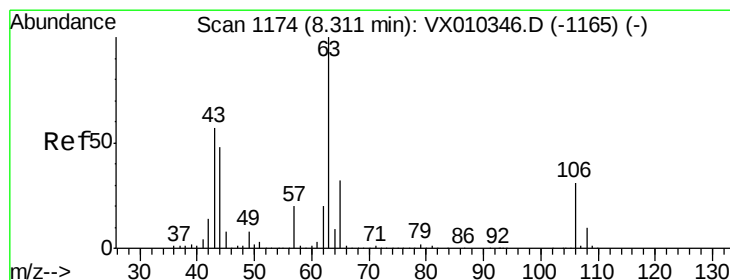
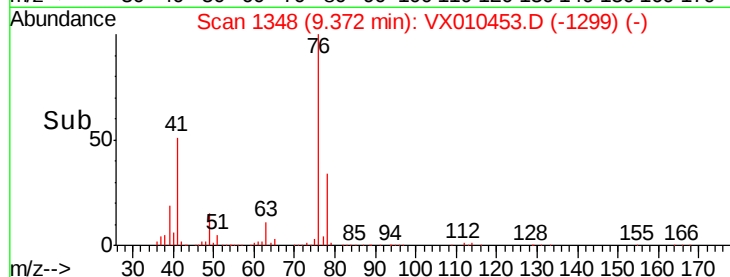
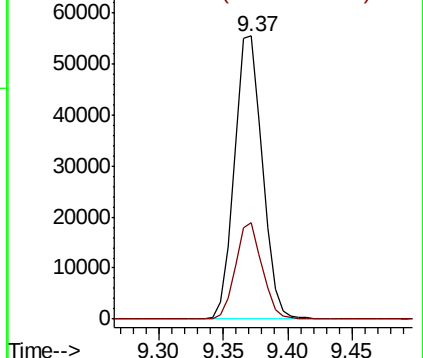
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.591 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010453.D

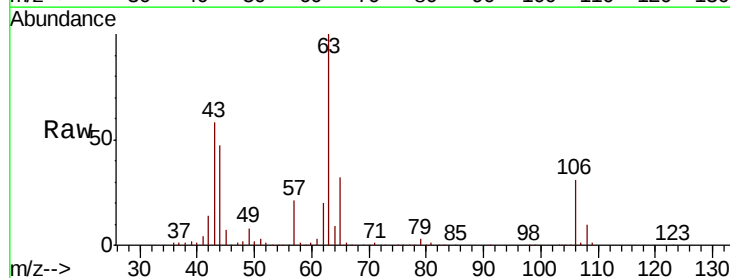
Acq: 26 Jun 2019 11:29

Tgt Ion: 63 Resp: 193010

Ion Ratio Lower Upper

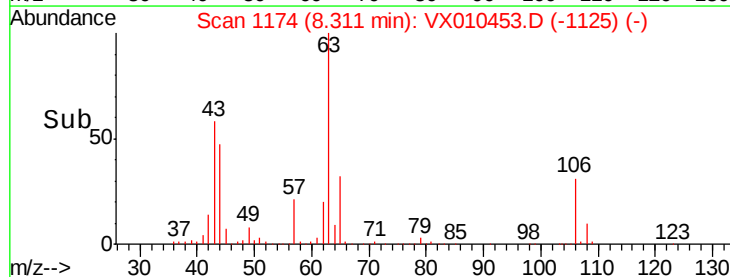
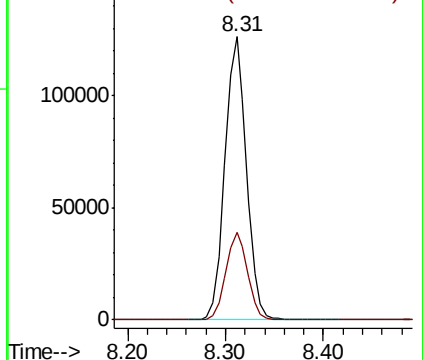
63 100

106 31.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

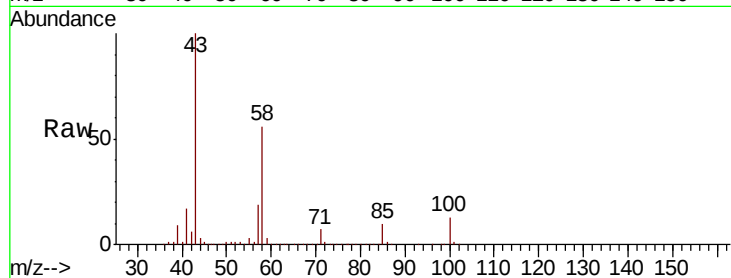




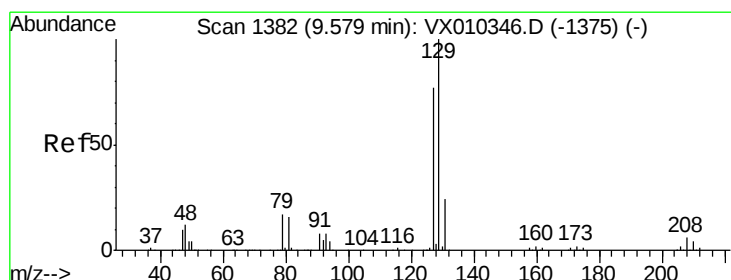
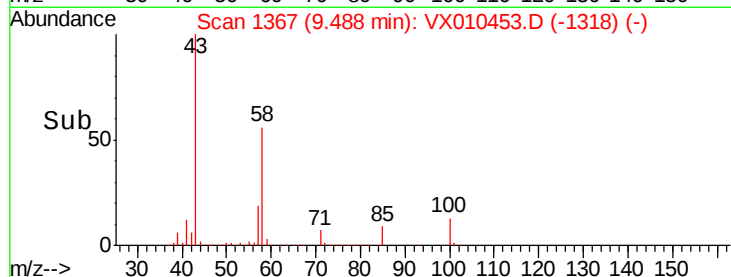
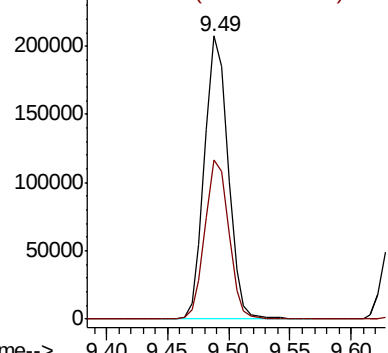
#59
2-Hexanone
Concen: 101.253 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 276166
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.1

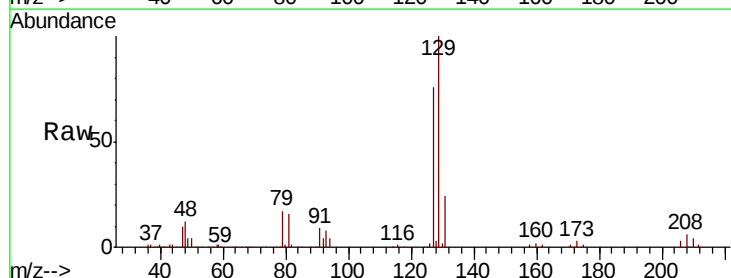


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

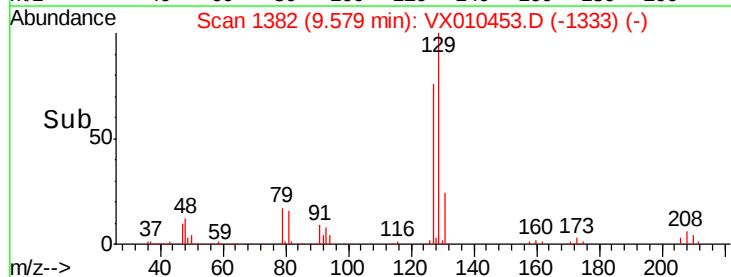
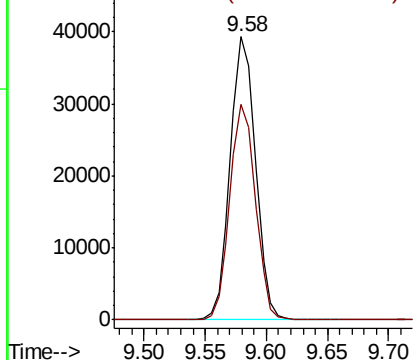


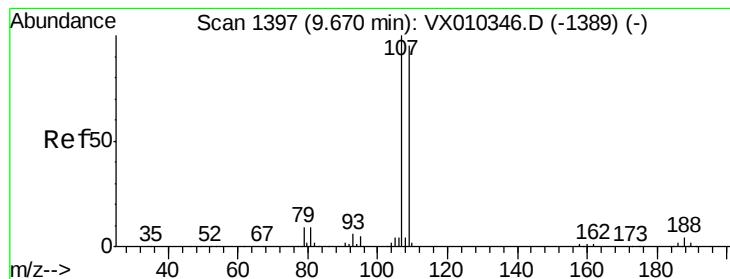
#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 129 Resp: 56294
Ion Ratio Lower Upper
129 100
127 76.8 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: 19.294 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

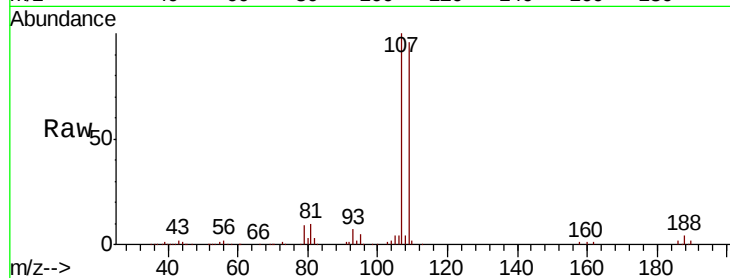
ClientSampleId :

Tot Ion: 107 Resp: 56098

Ion Ratio Lower Upper

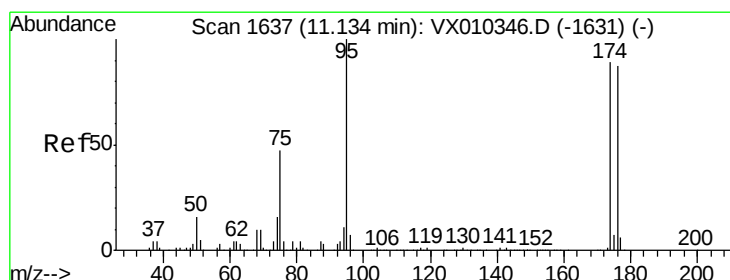
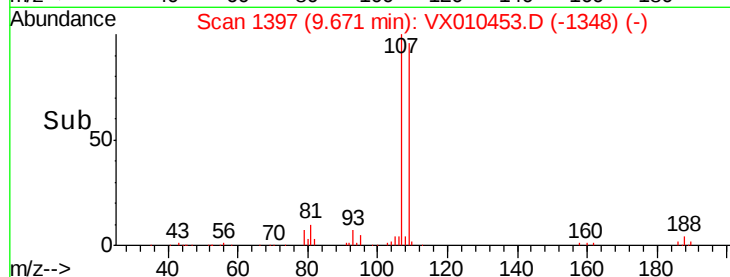
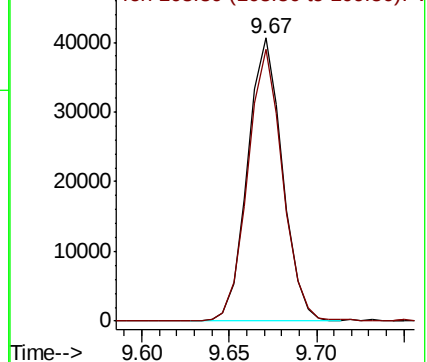
107 100

109 96.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.047 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

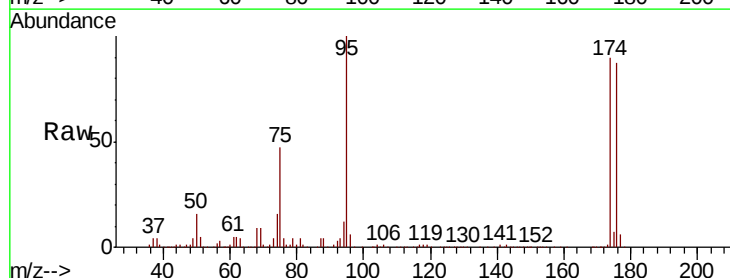
Tgt Ion: 95 Resp: 162666

Ion Ratio Lower Upper

95 100

174 94.8 0.0 187.6

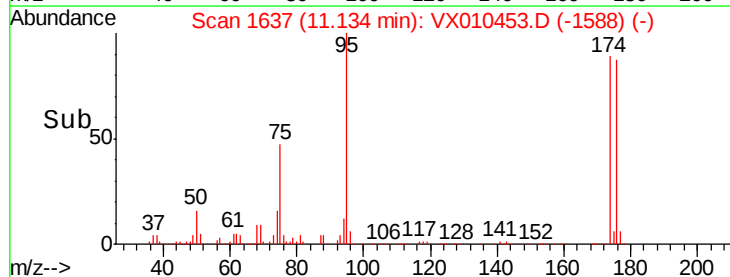
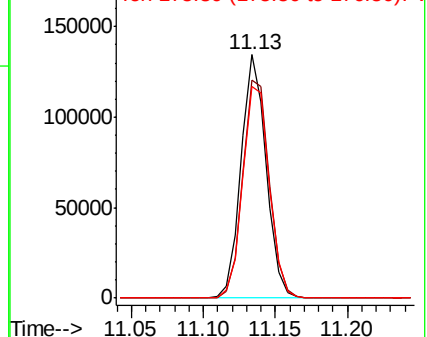
176 92.3 0.0 184.0

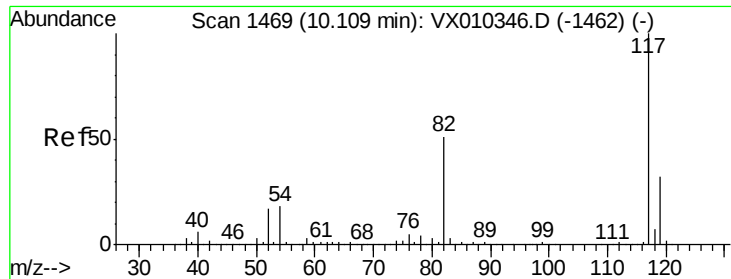


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

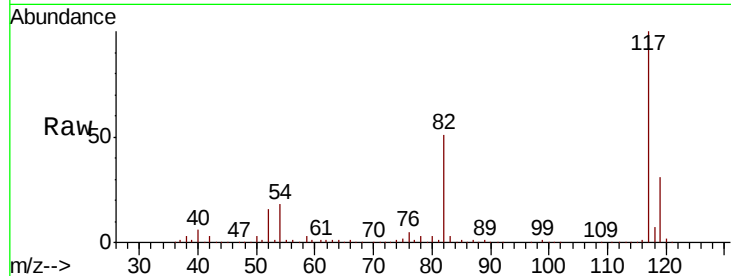




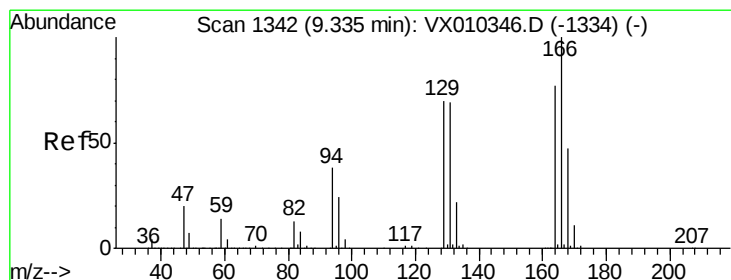
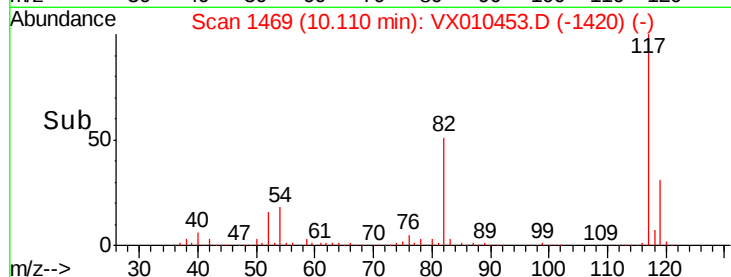
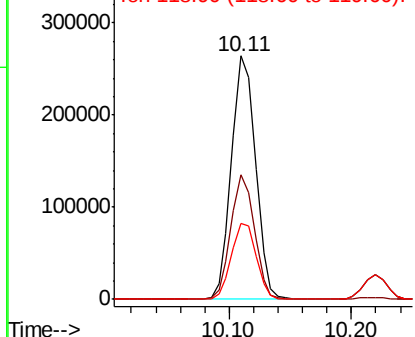
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 360457
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 31.4 25.5 38.3



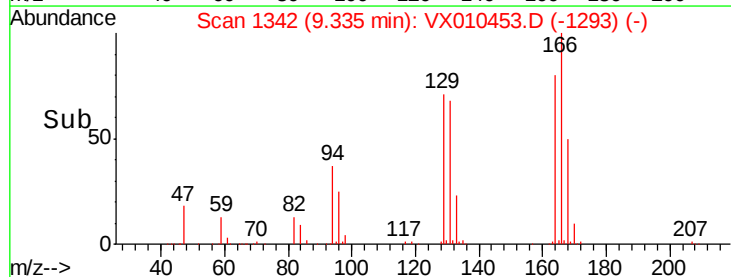
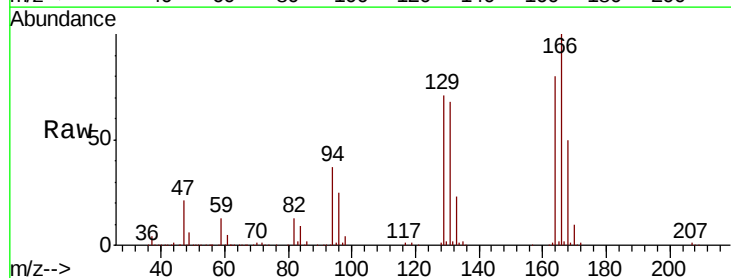
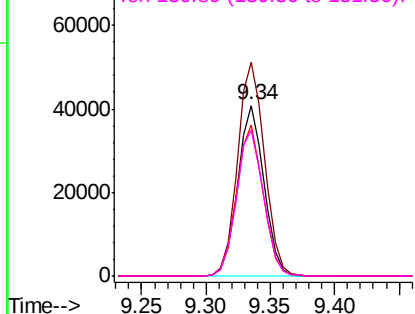
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

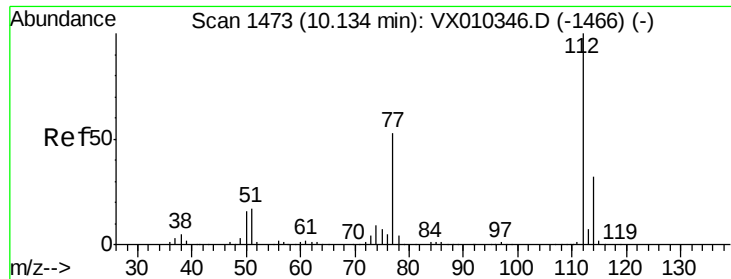


#64
Tetrachloroethene
Concen: 19.776 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:164 Resp: 57657
Ion Ratio Lower Upper
164 100
166 125.1 103.6 155.4
129 88.8 73.0 109.4
131 85.3 71.0 106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

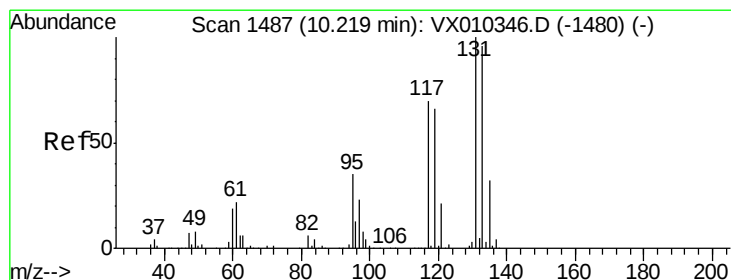
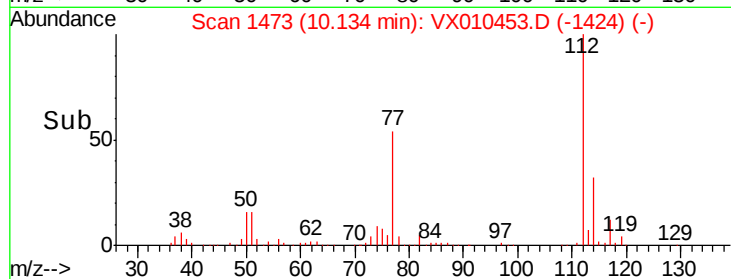
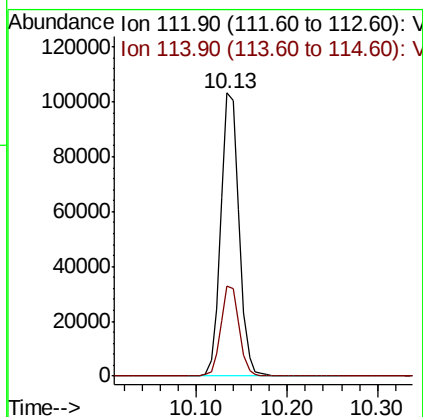
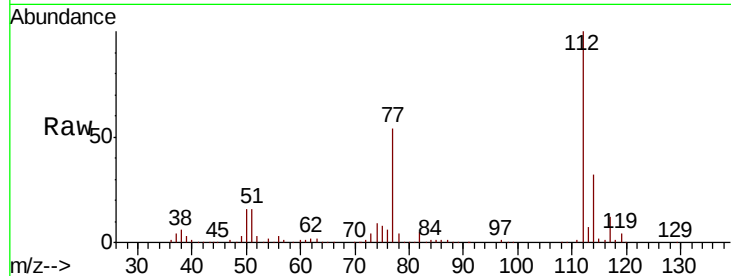




#65
Chlorobenzene
Concen: 19.766 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

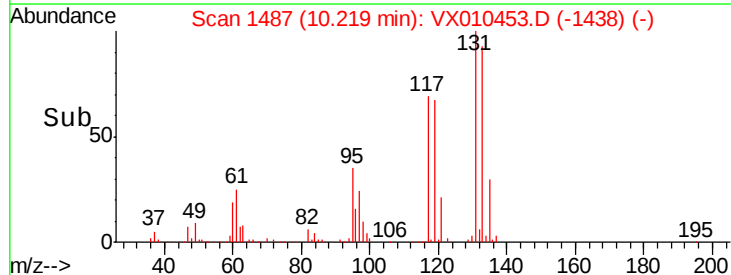
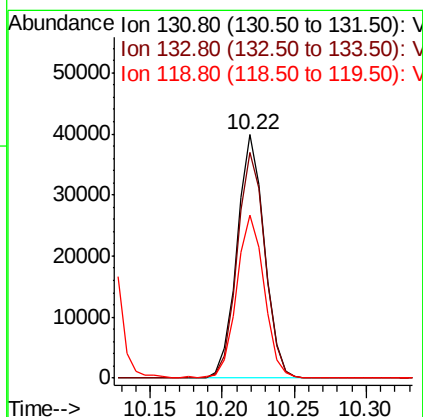
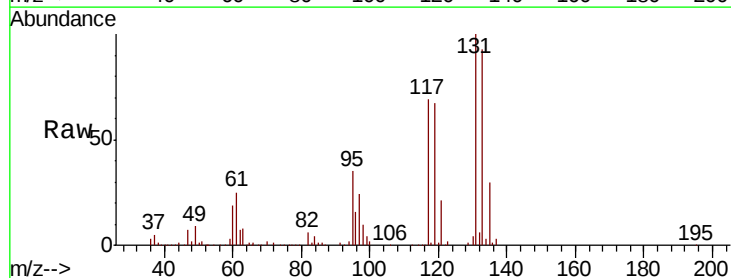
Instrument :
MSVOA_X
ClientSampled :

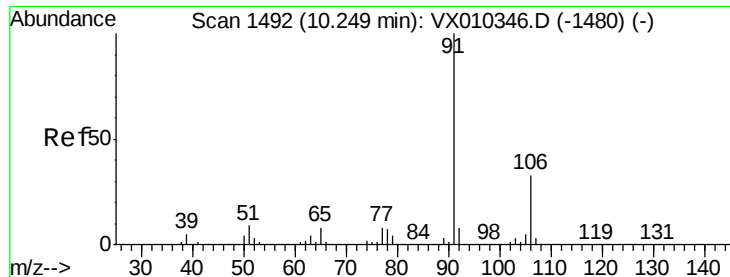
Tot Ion:112 Resp: 144644
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.799 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:131 Resp: 52776
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 67.6 32.6 97.7

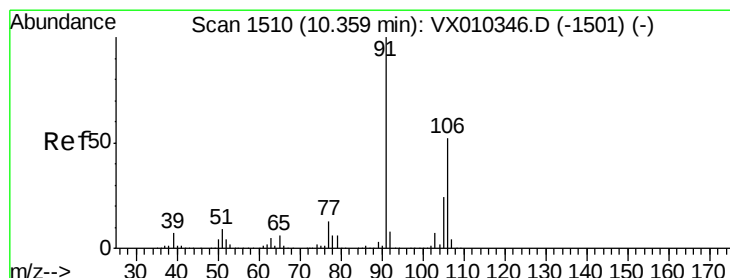
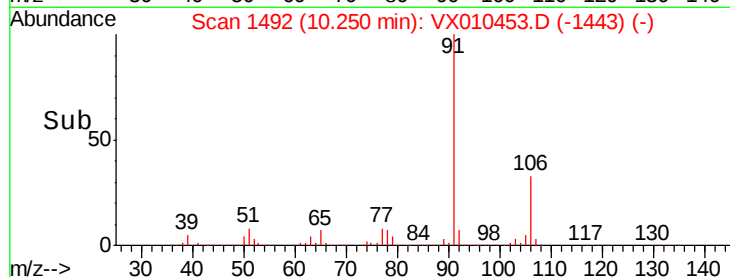
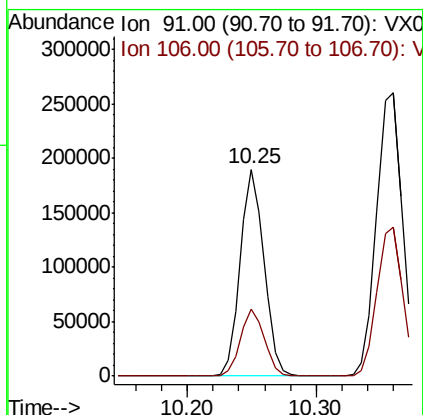
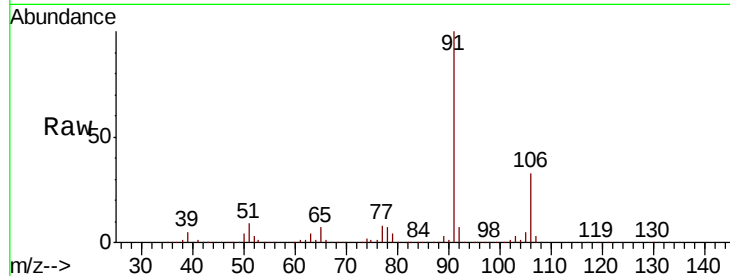




#67
Ethyl Benzene
Concen: 19.742 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

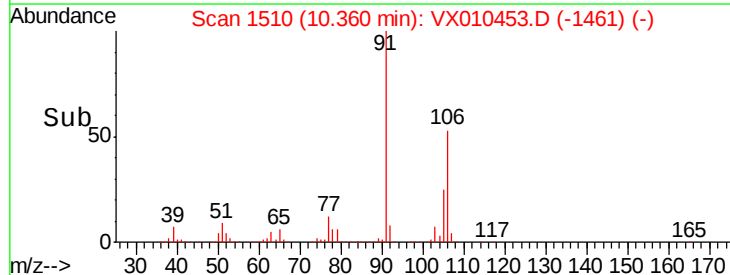
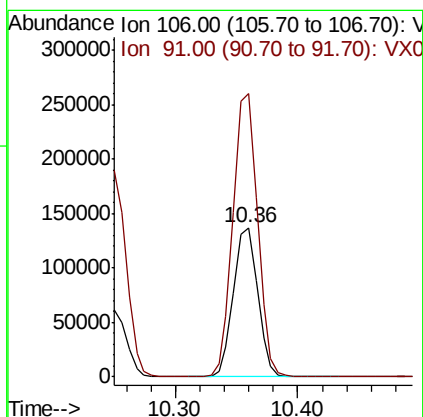
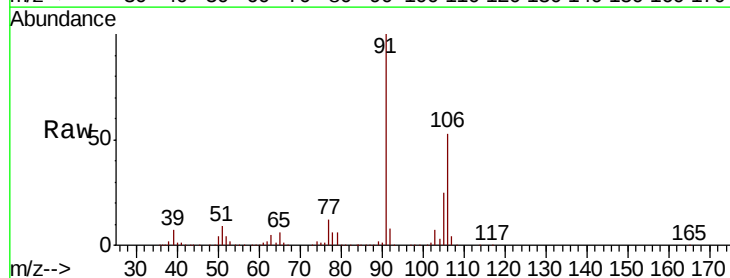
Instrument :
MSVOA_X
ClientSampled :

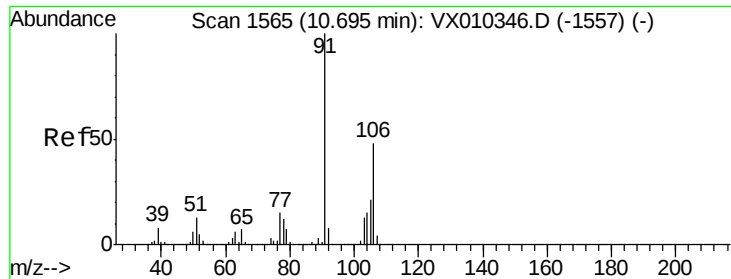
Tot Ion: 91 Resp: 243902
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 39.474 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 106 Resp: 188964
Ion Ratio Lower Upper
106 100
91 191.5 155.3 232.9

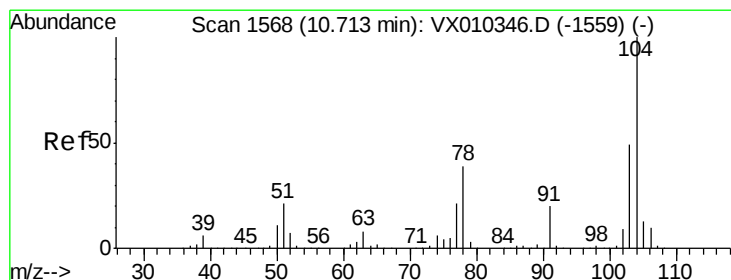
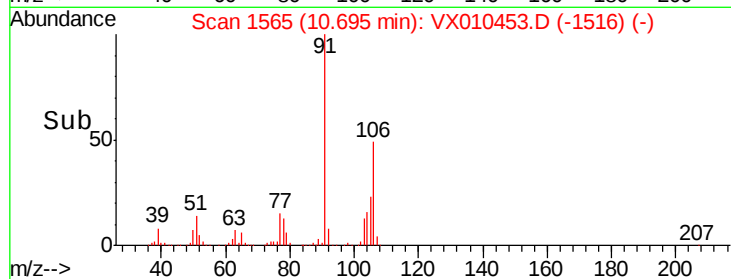
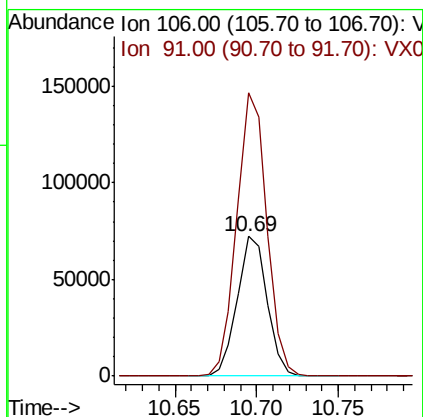
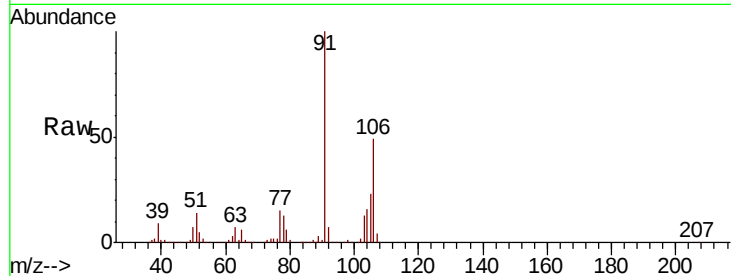




#69
o-Xylene
Concen: 19.728 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

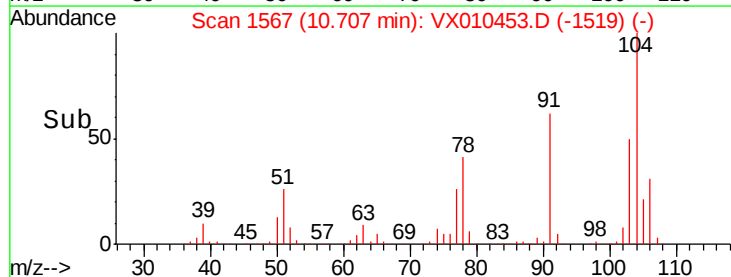
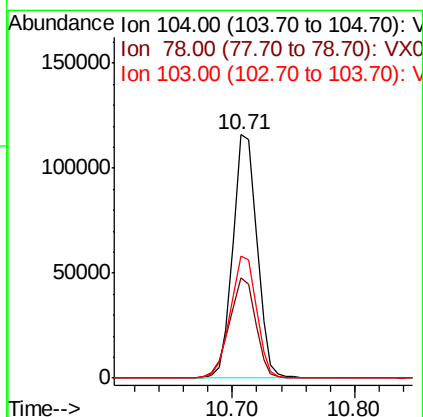
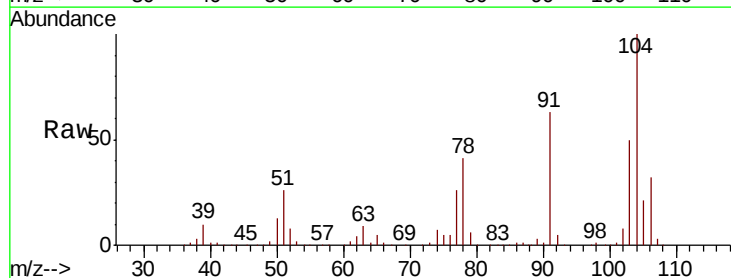
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 92869
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1



#70
Styrene
Concen: 19.953 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:104 Resp: 157522
Ion Ratio Lower Upper
104 100
78 45.4 36.2 54.2
103 55.0 44.2 66.4





#71

Bromoform

Concen: 18.216 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

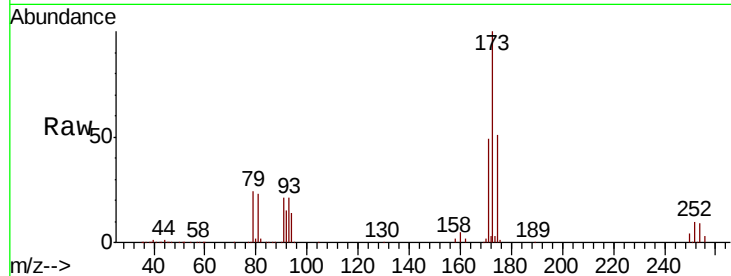
Tot Ion:173 Resp: 42225

Ion Ratio Lower Upper

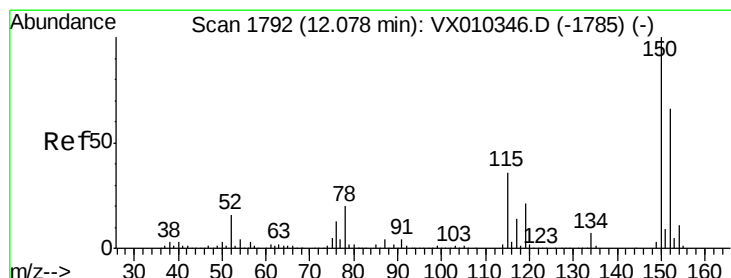
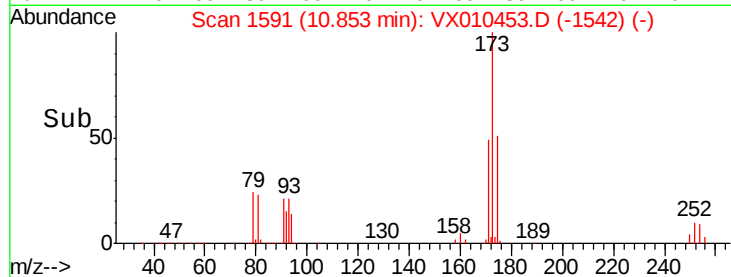
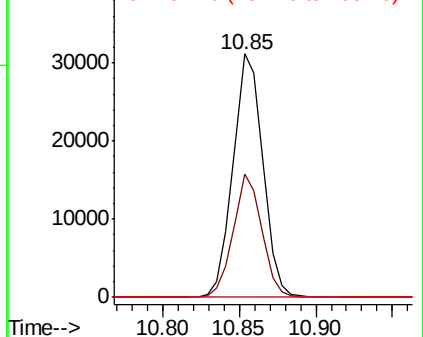
173 100

175 48.5 24.1 72.3

254 0.0 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: VX010453.D

Acq: 26 Jun 2019 11:29

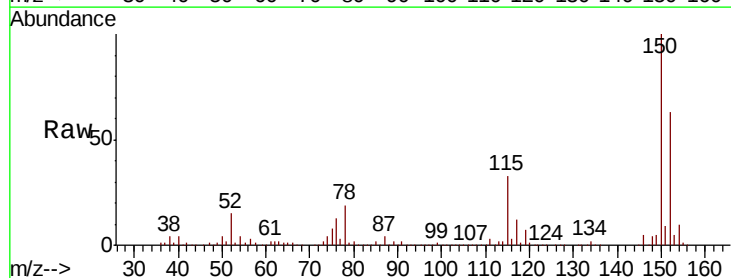
Tgt Ion:152 Resp: 186693

Ion Ratio Lower Upper

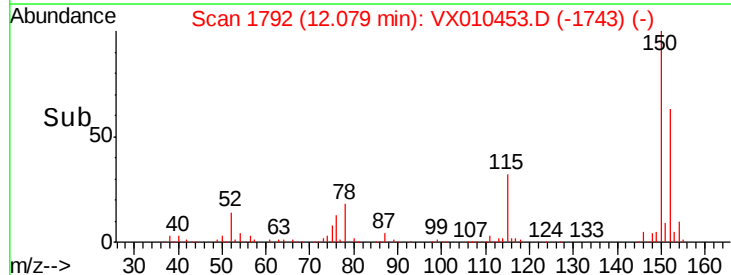
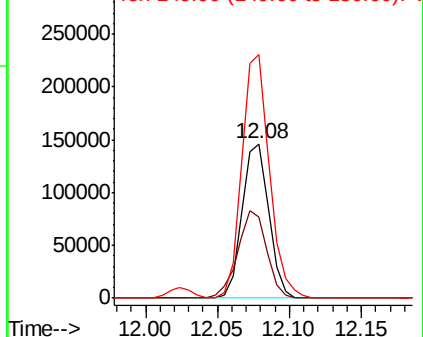
152 100

115 62.0 38.6 115.7

150 163.1 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: 19.528 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

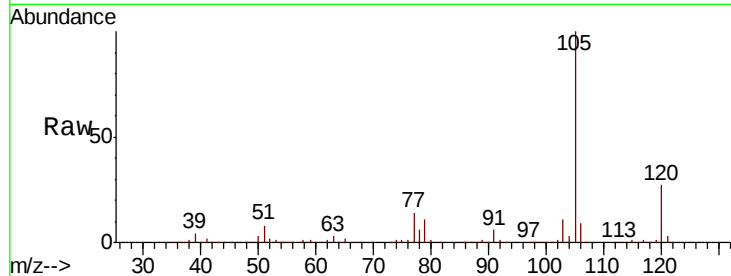
ClientSampleId :

Tot Ion:105 Resp: 247137

Ion Ratio Lower Upper

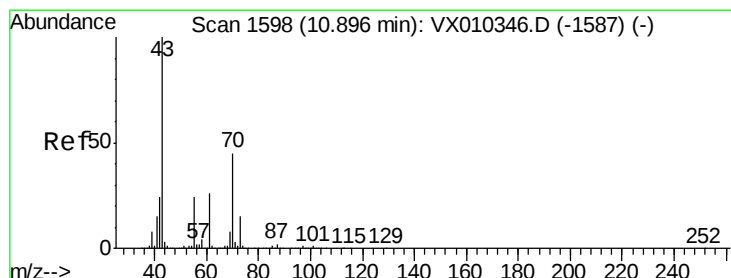
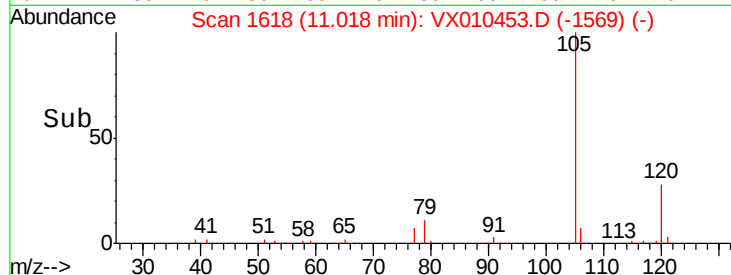
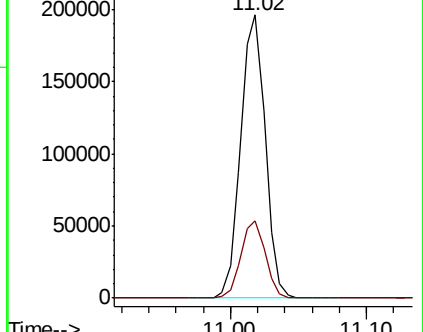
105 100

120 27.3 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: 19.860 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Tgt Ion: 43 Resp: 94984

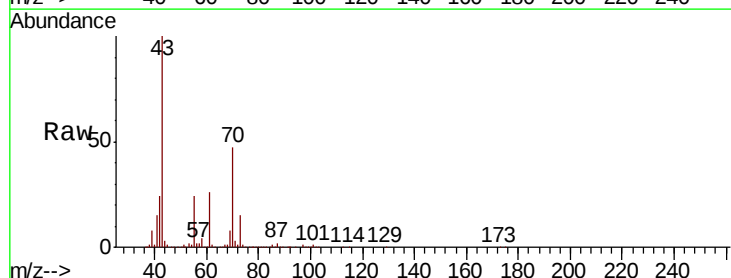
Ion Ratio Lower Upper

43 100

70 45.8 36.6 54.8

55 24.3 18.7 28.1

61 25.4 20.6 31.0

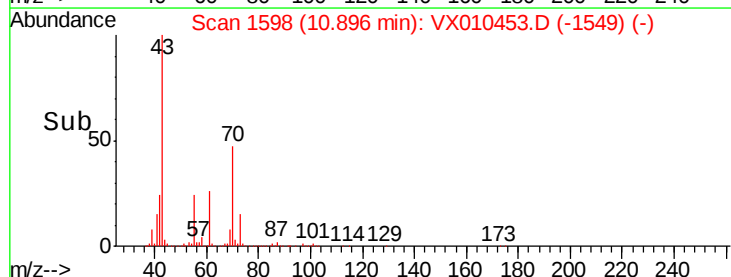
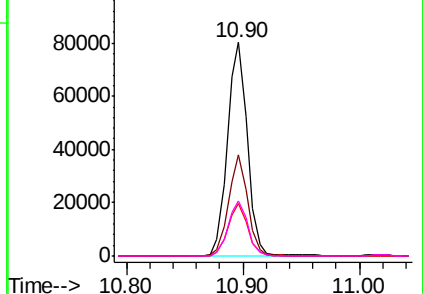


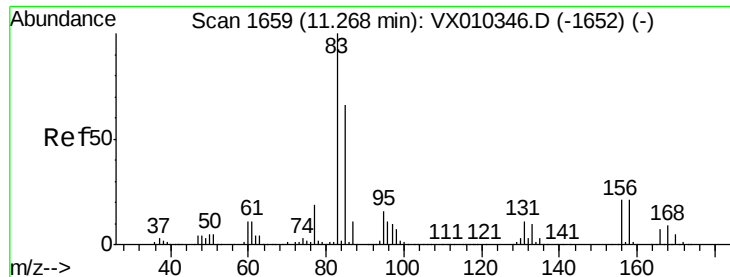
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

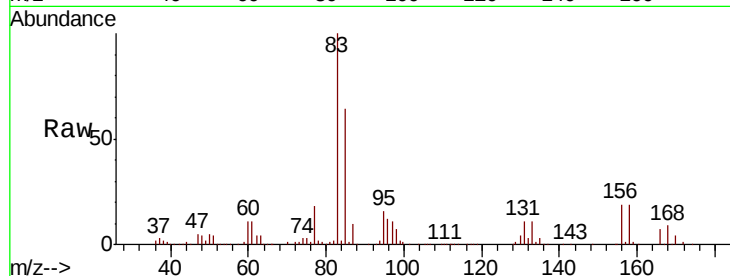
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 82587

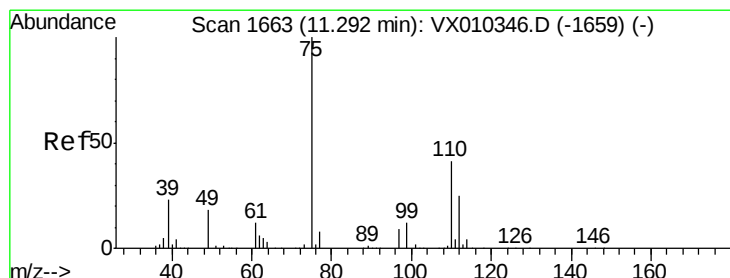
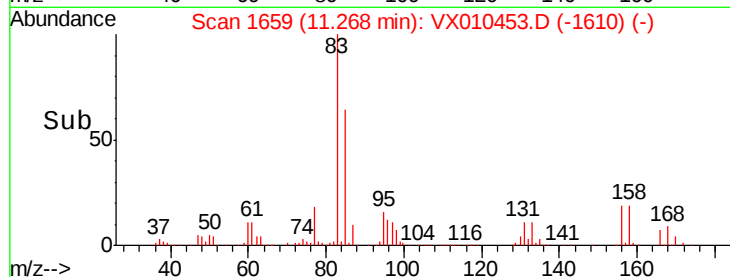
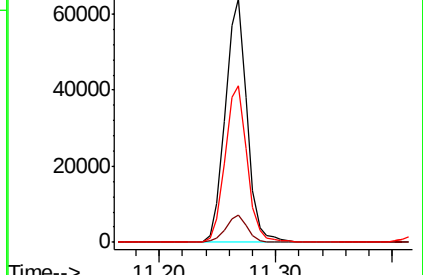
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.5	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.411 ug/l

RT: 11.29 min Scan# 1663

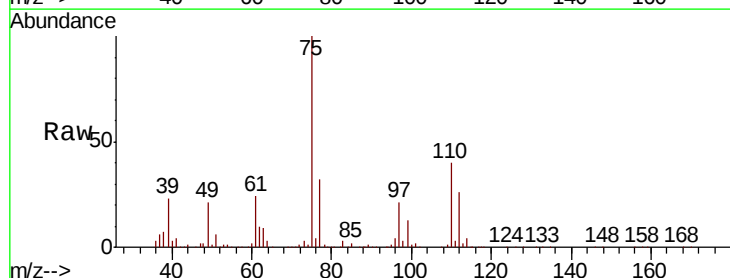
Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

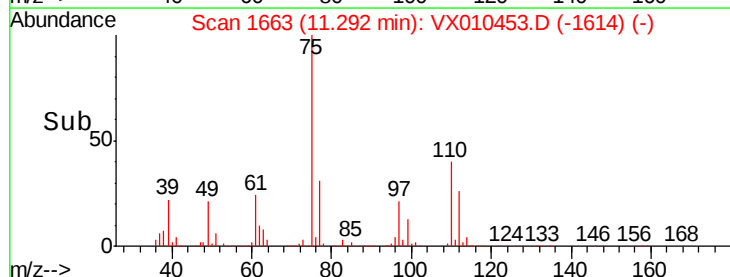
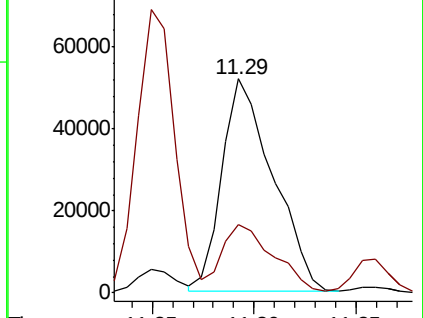
Tgt Ion: 75 Resp: 89850

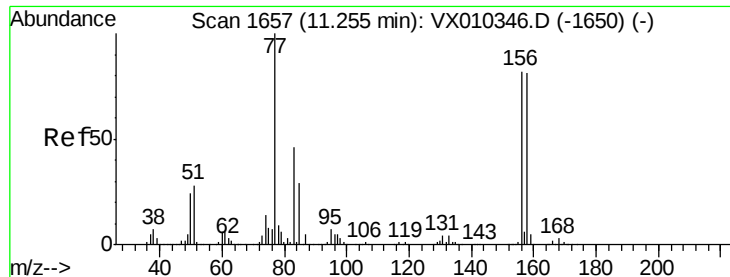
Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.979 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

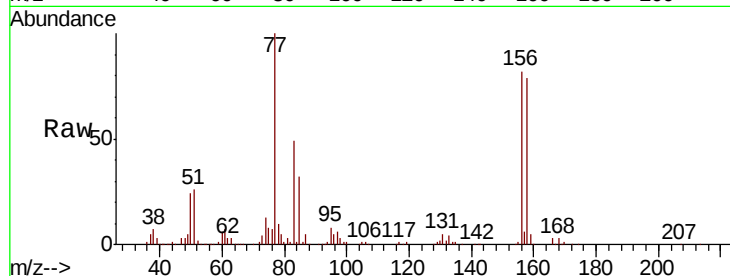
Tot Ion:156 Resp: 67069

Ion Ratio Lower Upper

156 100

77 132.6 66.3 198.7

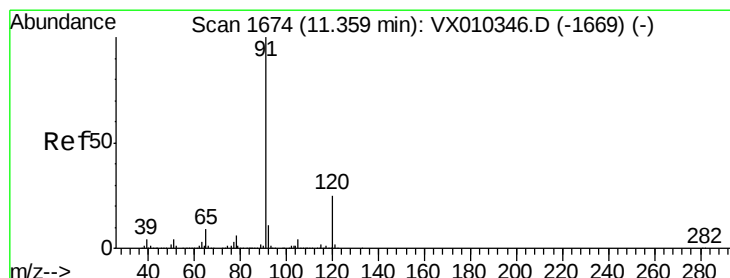
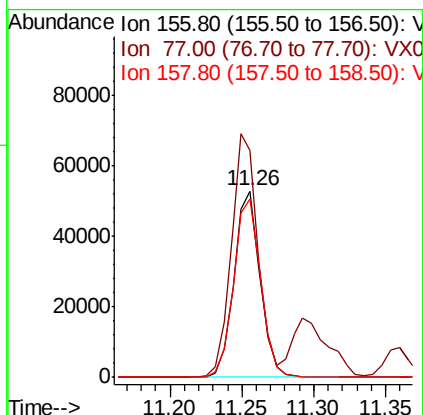
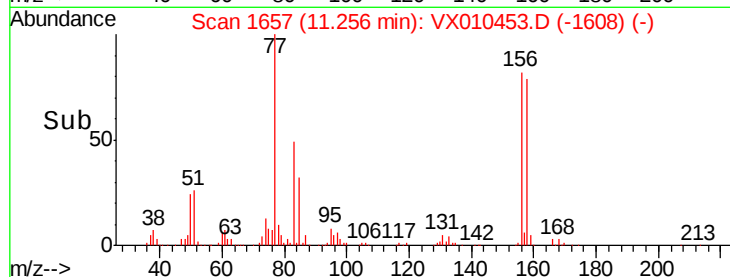
158 99.0 48.9 146.7



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: 19.409 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010453.D

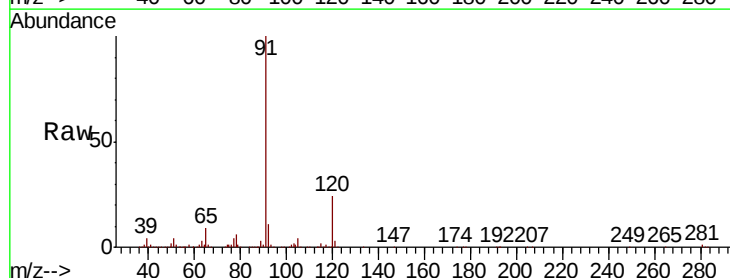
Acq: 26 Jun 2019 11:29

Tgt Ion: 91 Resp: 269960

Ion Ratio Lower Upper

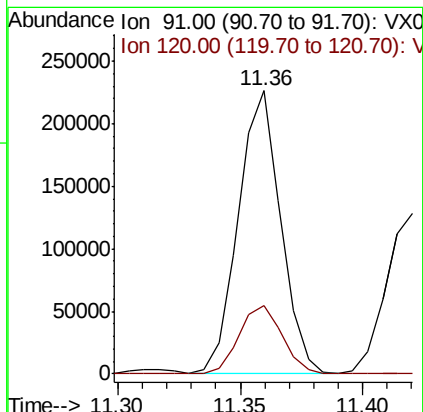
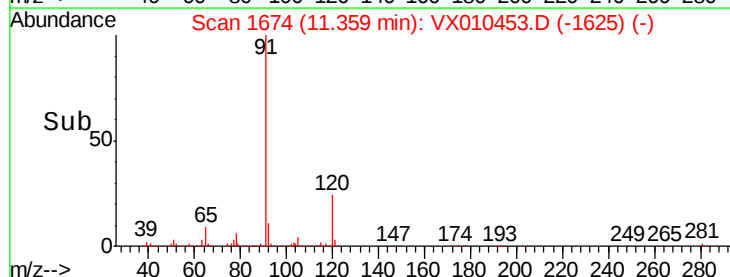
91 100

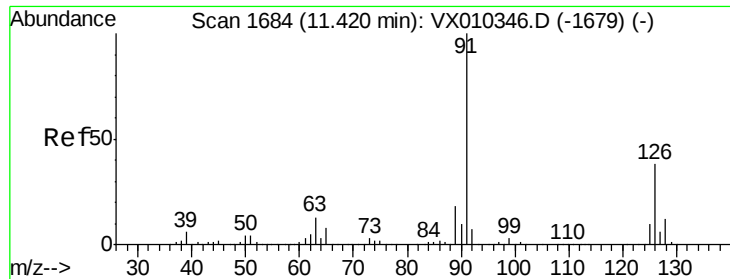
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

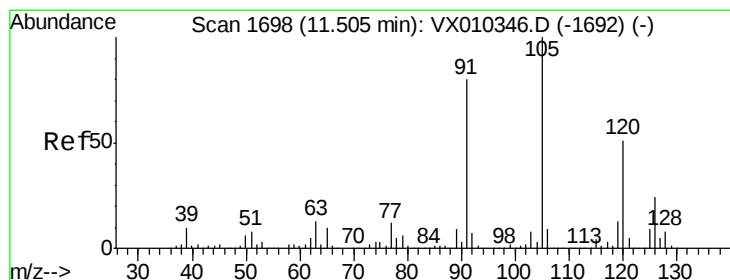
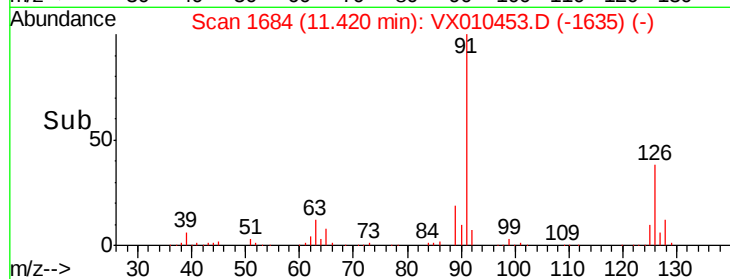
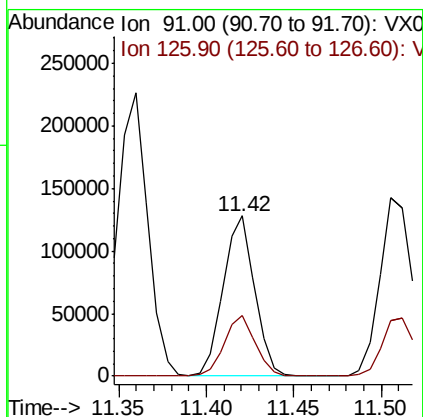
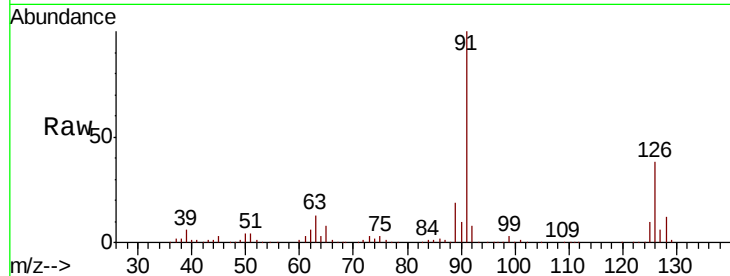




#79
 2-Chlorotoluene
 Concen: 19.203 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

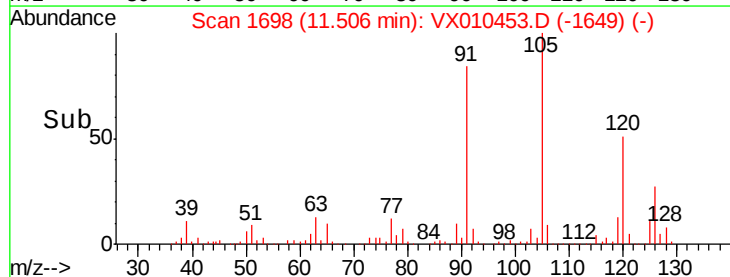
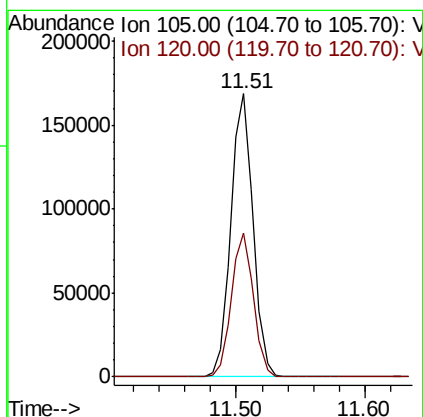
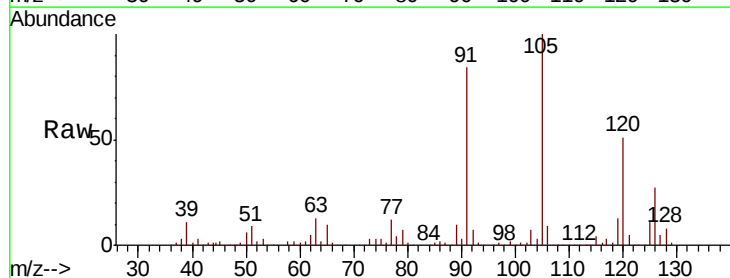
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 159044
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.475 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion: 105 Resp: 203183
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.2 75.6

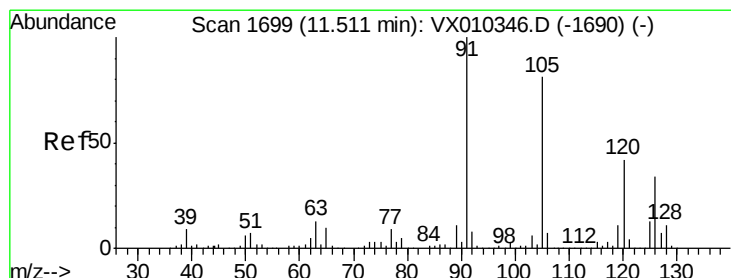
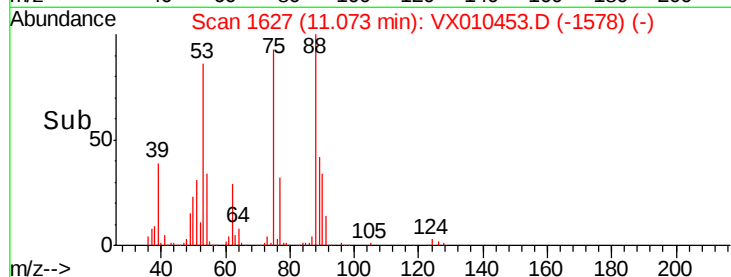
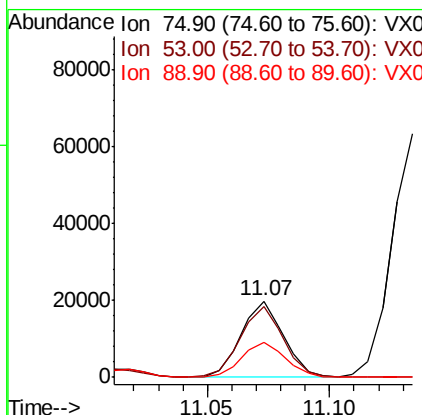
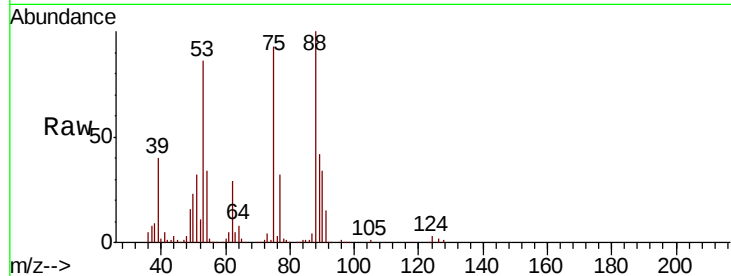




#81
trans-1,4-Dichloro-2-butene
Concen: 16.186 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

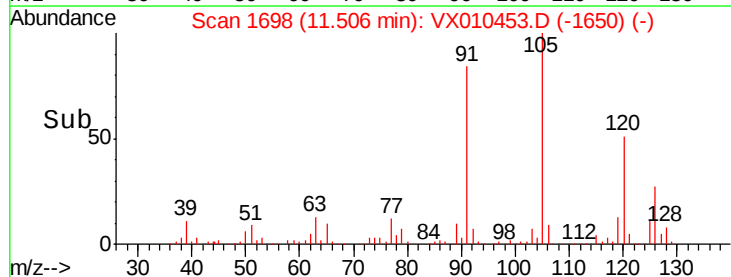
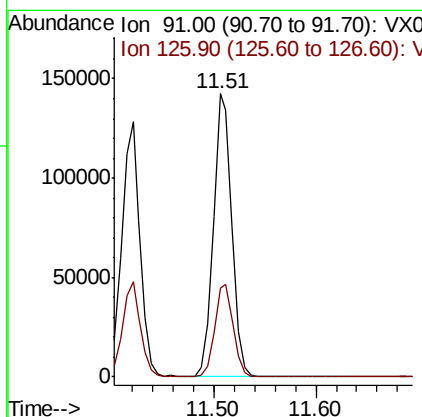
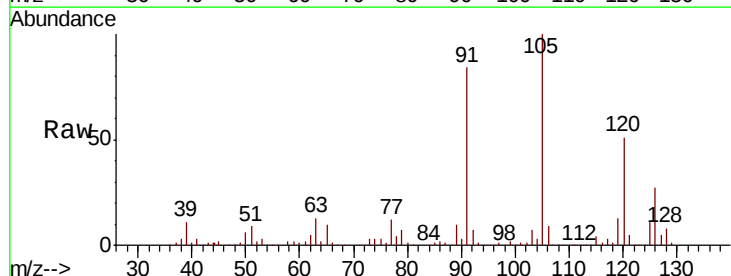
Instrument :
MSVOA_X
ClientSampleId :

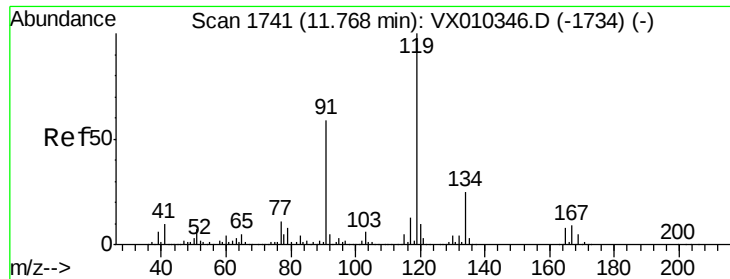
Tot Ion: 75 Resp: 23604
Ion Ratio Lower Upper
75 100
53 94.8 66.1 99.1
89 48.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.237 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 91 Resp: 181300
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

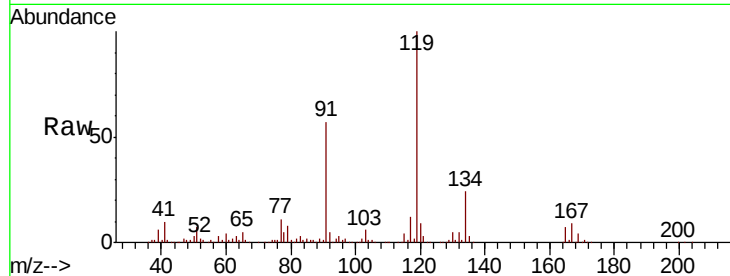




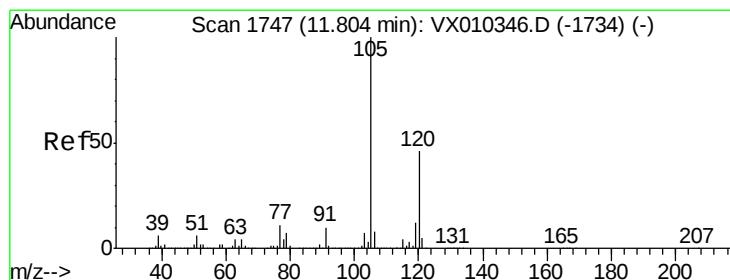
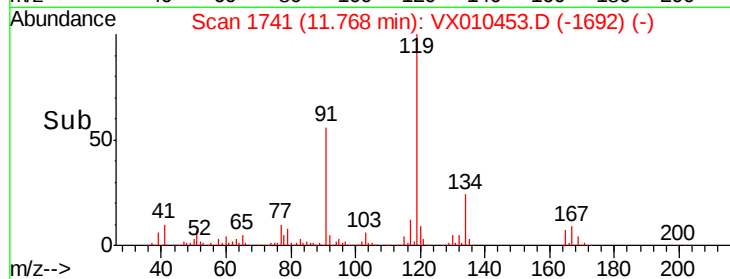
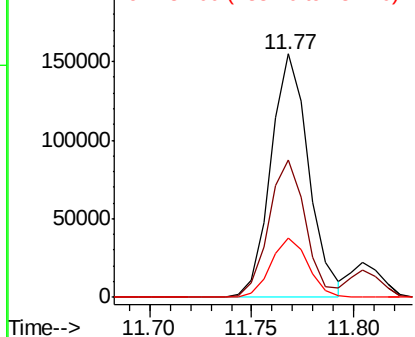
#83
tert-Butylbenzene
Concen: 19.138 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 200402
Ion Ratio Lower Upper
119 100
91 55.5 27.6 82.7
134 24.0 11.8 35.4

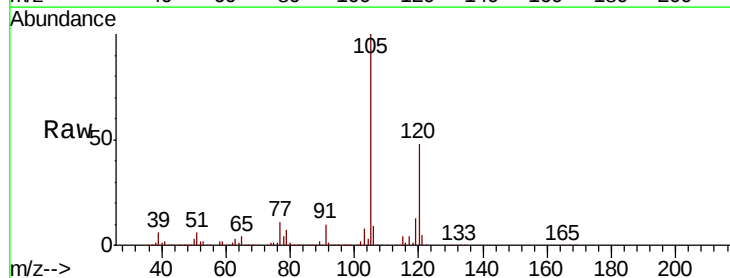


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

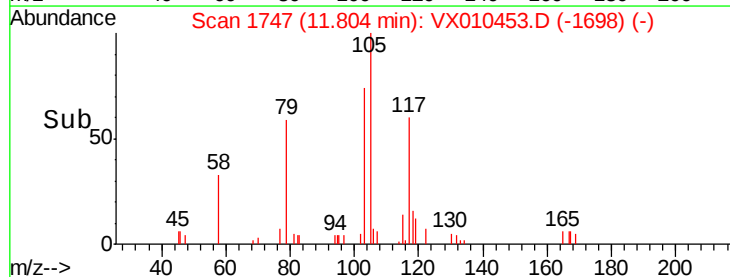
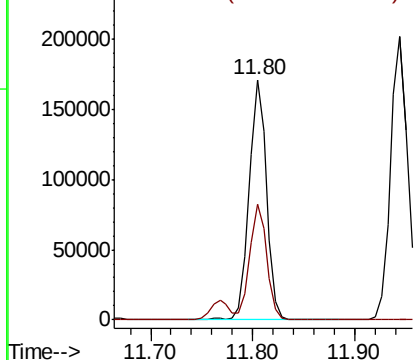


#84
1,2,4-Trimethylbenzene
Concen: 19.412 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:105 Resp: 203475
Ion Ratio Lower Upper
105 100
120 47.0 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: 19.351 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

Instrument :

MSVOA_X

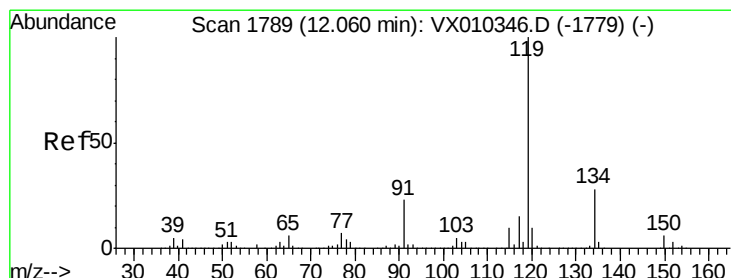
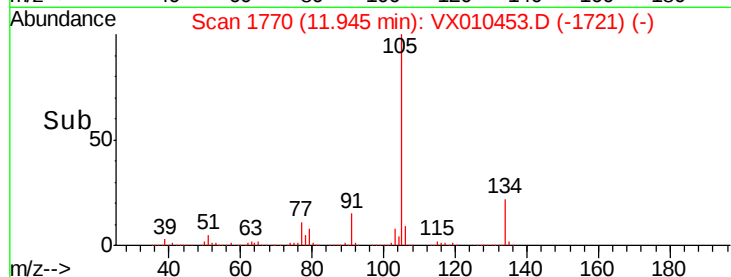
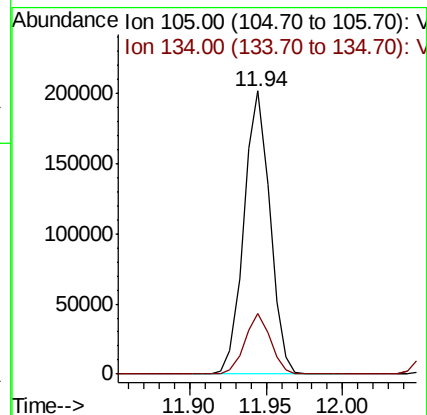
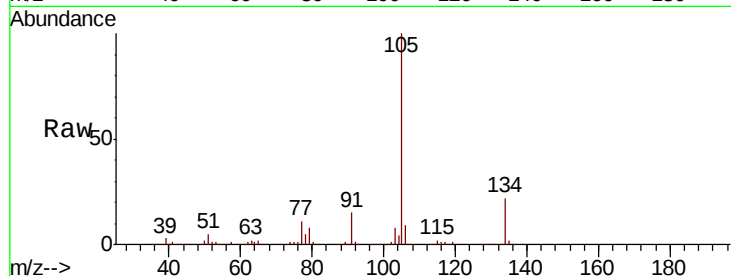
ClientSampleId :

Tot Ion:105 Resp: 237917

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.291 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010453.D

Acq: 26 Jun 2019 11:29

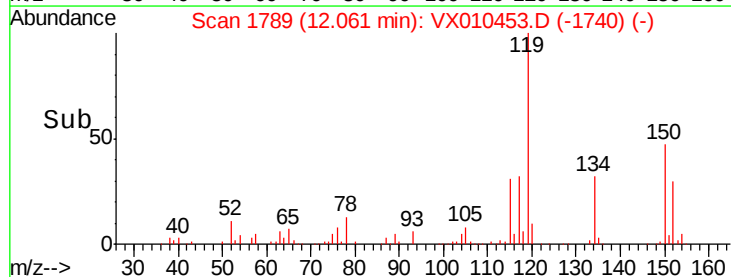
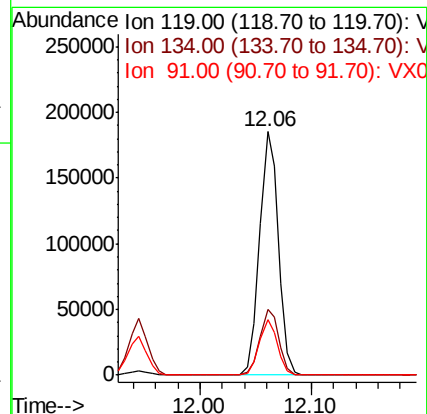
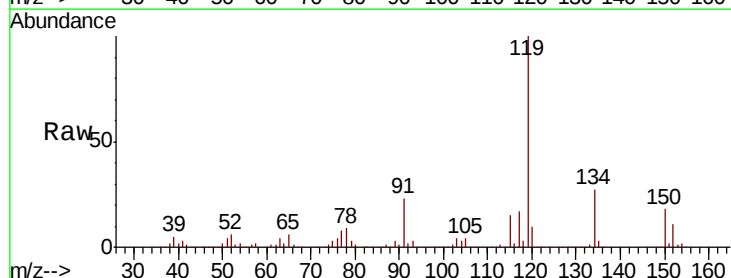
Tgt Ion:119 Resp: 219379

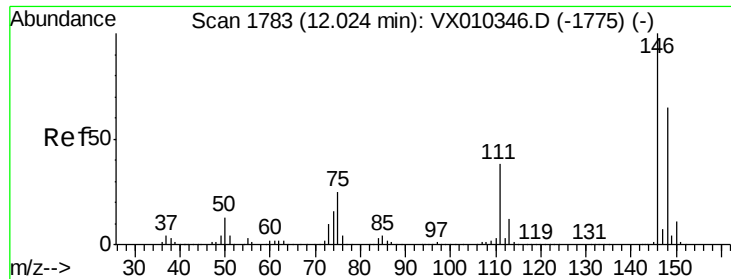
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.2 11.3 33.8

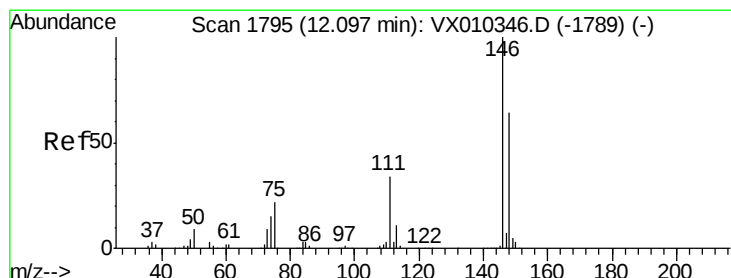
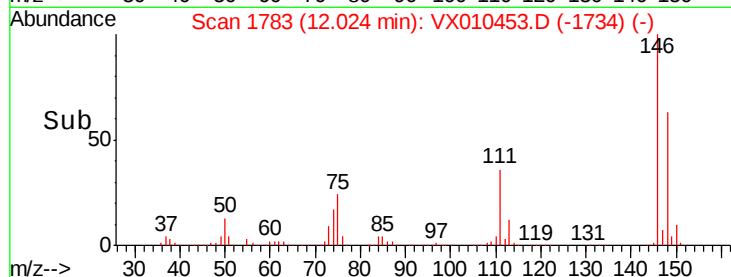
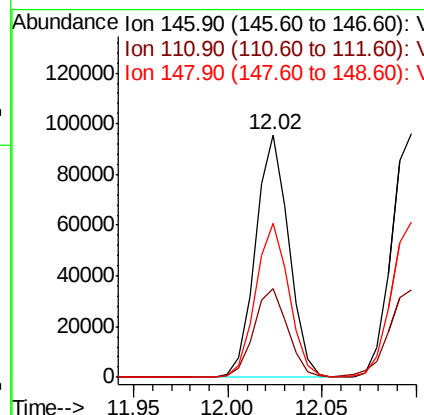
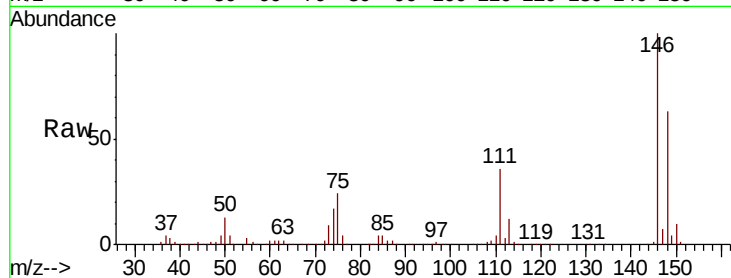




#87
 1,3-Dichlorobenzene
 Concen: 18.885 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

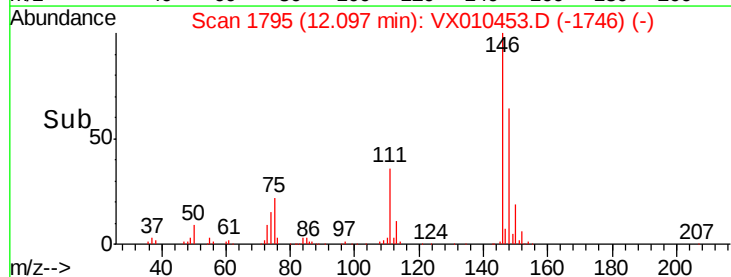
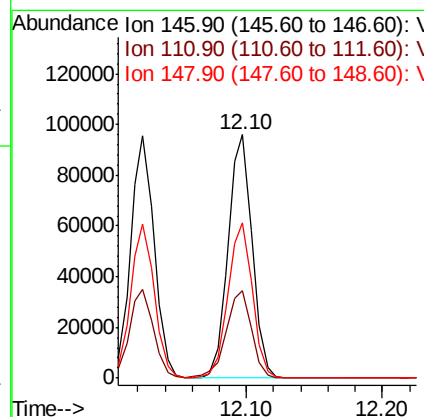
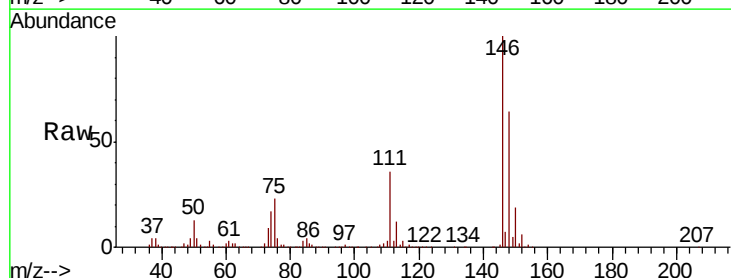
Instrument :
 MSVOA_X
 ClientSampleId :

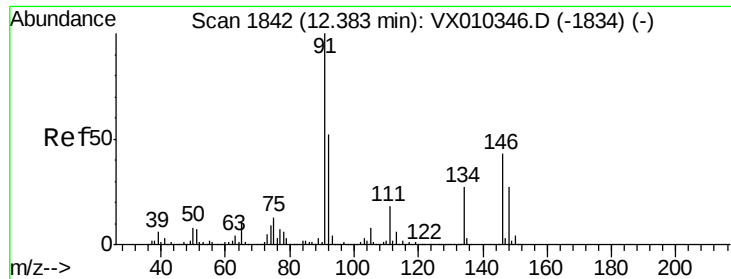
Tot Ion:146 Resp: 116493
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 63.8 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion:146 Resp: 117441
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.1 54.3
 148 64.5 32.1 96.3

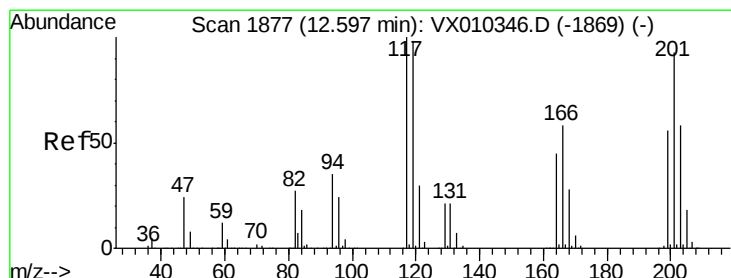
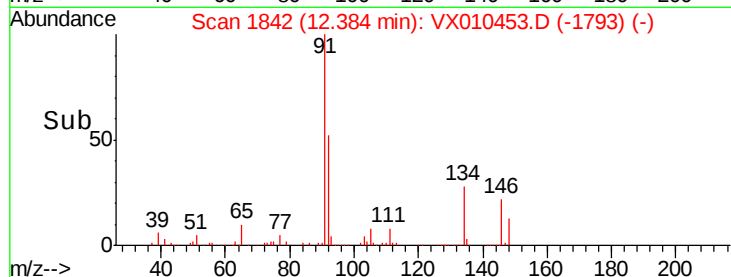
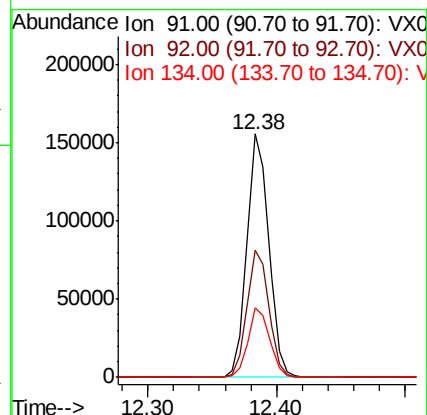
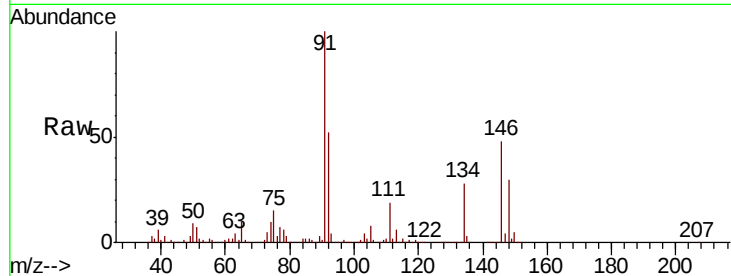




#89
n-Butylbenzene
Concen: 18.874 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

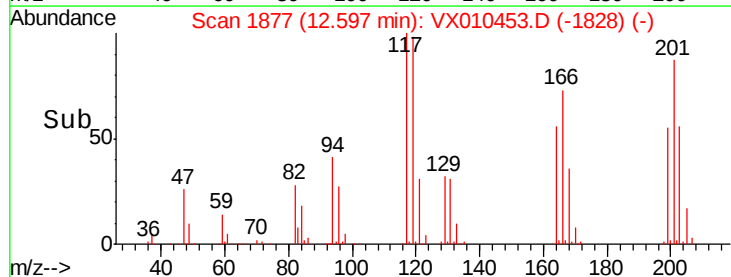
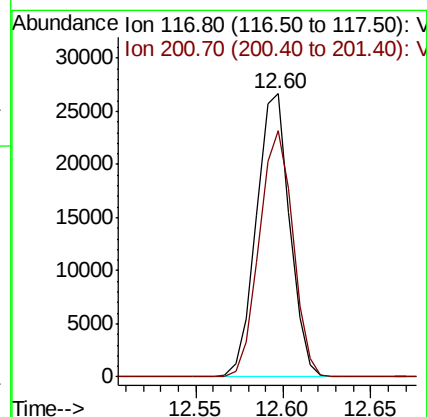
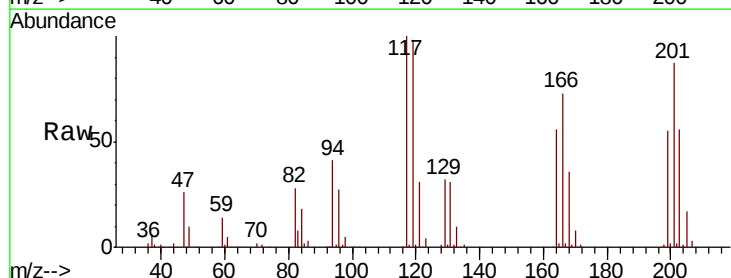
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 182394
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 18.025 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 117 Resp: 35444
Ion Ratio Lower Upper
117 100
201 87.1 44.0 131.8

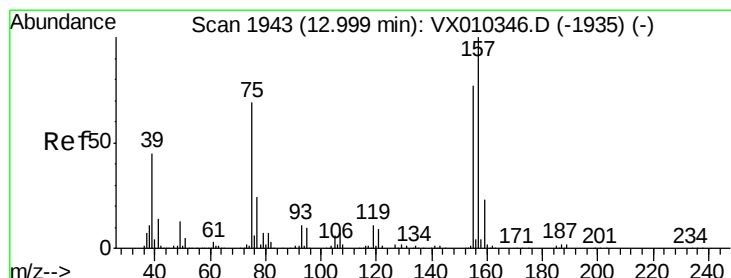
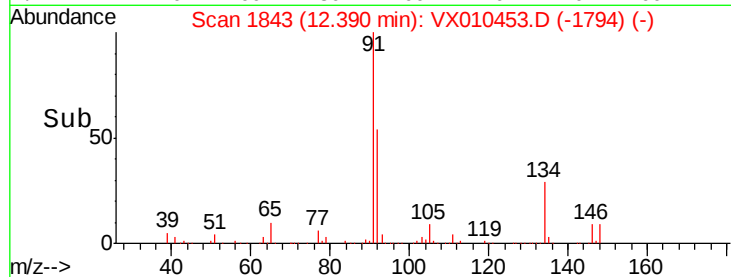
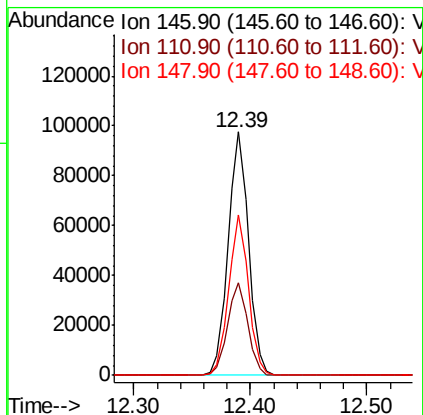
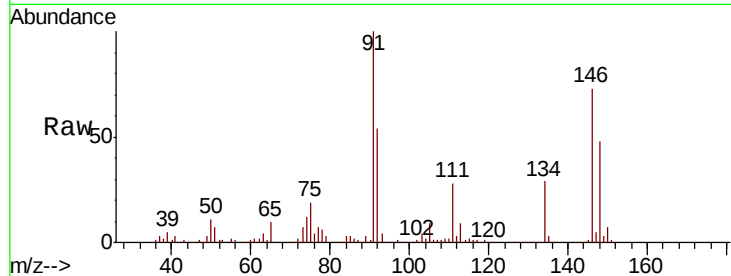




#91
1,2-Dichlorobenzene
Concen: 19.345 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

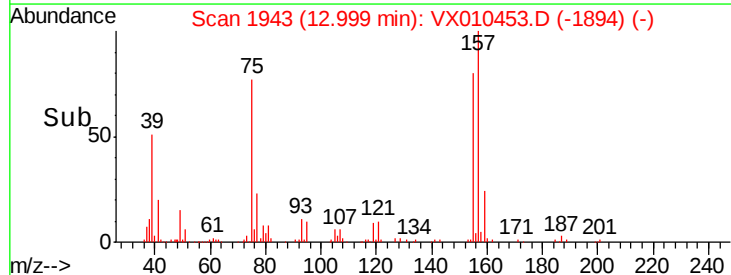
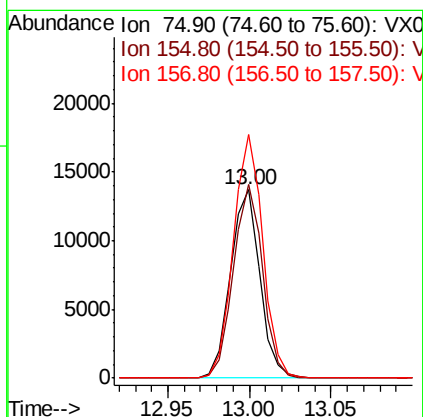
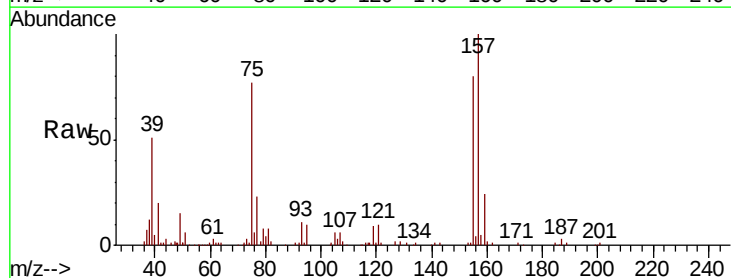
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 118597
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.001 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion: 75 Resp: 17170
Ion Ratio Lower Upper
75 100
155 102.7 54.4 163.1
157 128.9 69.5 208.3

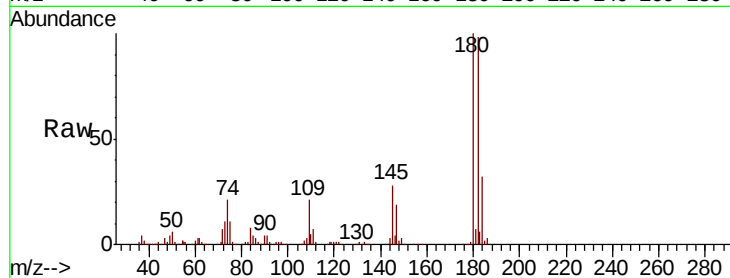




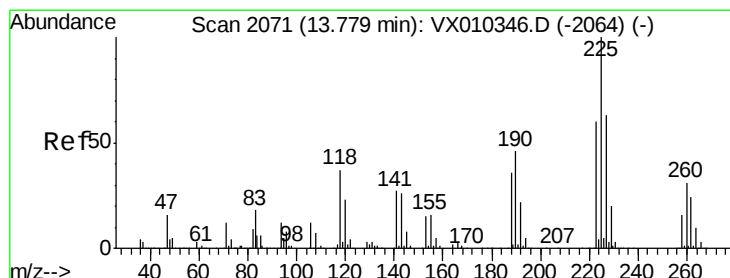
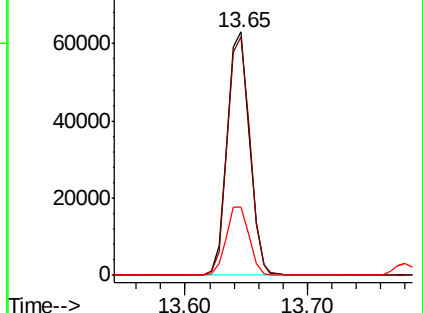
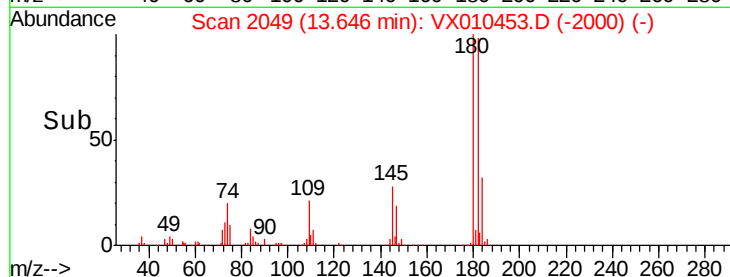
#93
 1,2,4-Trichlorobenzene
 Concen: 18.658 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 79323
 Ion Ratio Lower Upper
 180 100
 182 98.4 48.0 144.0
 145 28.9 14.4 43.4

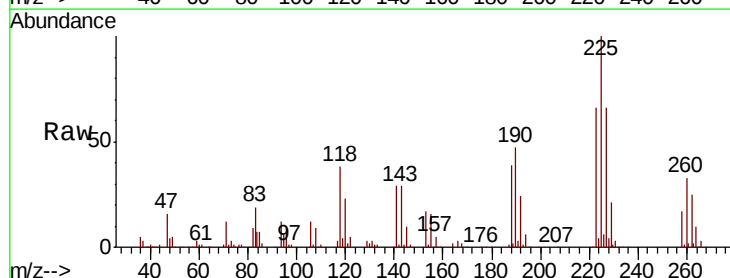


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

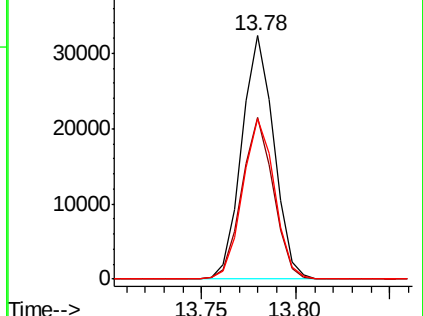
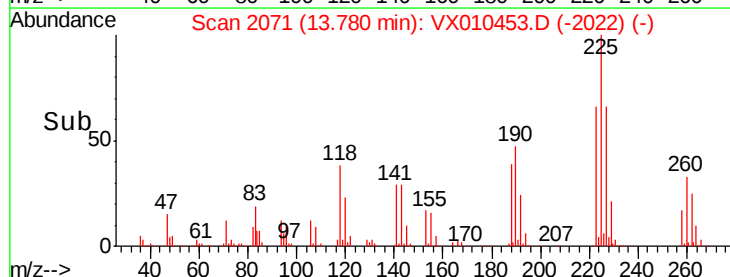


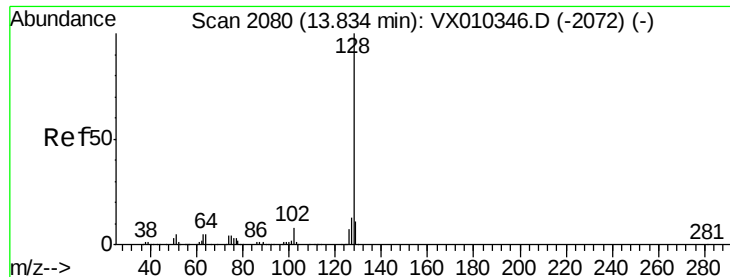
#94
 Hexachlorobutadiene
 Concen: 18.429 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010453.D
 Acq: 26 Jun 2019 11:29

Tgt Ion:225 Resp: 38292
 Ion Ratio Lower Upper
 225 100
 223 64.8 30.9 92.7
 227 65.6 31.9 95.5



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

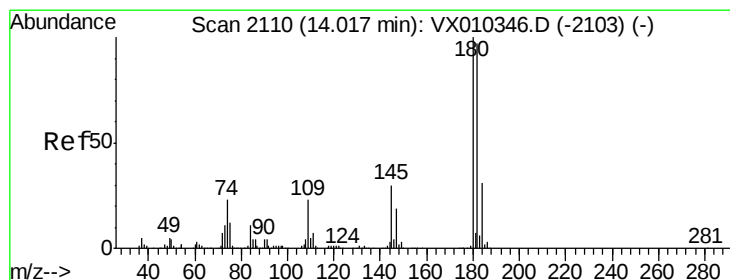
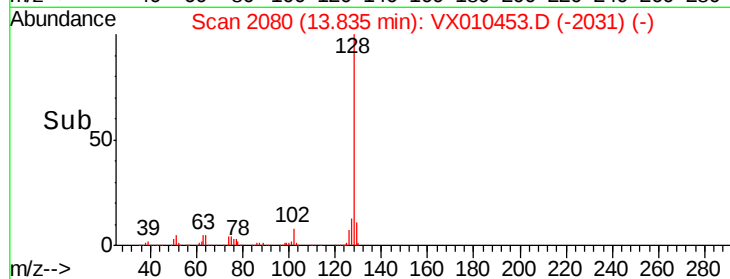
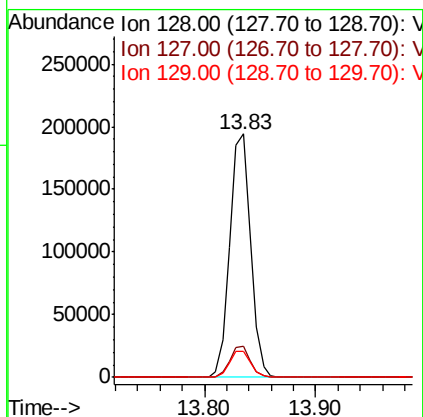
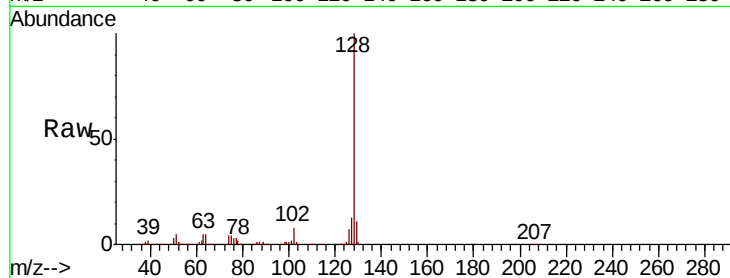




#95
Naphthalene
Concen: 19.227 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 251208
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.552 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010453.D
Acq: 26 Jun 2019 11:29

Tgt Ion:180 Resp: 82649
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 29.8 15.2 45.6

