

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010093.D
 Acq On : 05 Jun 2019 22:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:36:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	160682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105815	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	78437	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	313676	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	112291	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107213	54.603	ug/l	99
3) Chloromethane	1.32	50	120732	45.738	ug/l	100
4) Vinyl Chloride	1.41	62	114228	48.003	ug/l	99
5) Bromomethane	1.64	94	70616	48.980	ug/l	99
6) Chloroethane	1.71	64	68742	46.928	ug/l	100
7) Trichlorofluoromethane	1.92	101	132823	50.512	ug/l	98
8) Diethyl Ether	2.19	74	57446	46.489	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79997	50.390	ug/l	98
10) Methyl Iodide	2.51	142	98565	50.125	ug/l	100
11) Tert butyl alcohol	3.06	59	137878	246.832	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82571	50.742	ug/l	98
13) Acrolein	2.29	56	94769	240.248	ug/l	99
14) Allyl chloride	2.73	41	194576	49.196	ug/l	99
15) Acrylonitrile	3.15	53	326708	242.742	ug/l	99
16) Acetone	2.45	43	291200	222.049	ug/l	98
17) Carbon Disulfide	2.57	76	247191	50.166	ug/l	99
18) Methyl Acetate	2.78	43	147142	48.220	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	313822	51.081	ug/l	98
20) Methylene Chloride	2.85	84	97774	48.686	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	88876	49.086	ug/l	98
22) Diisopropyl ether	3.86	45	377605	50.178	ug/l	# 85
23) Vinyl Acetate	3.82	43	1680221	248.540	ug/l	99
24) 1,1-Dichloroethane	3.70	63	182862	50.142	ug/l	99
25) 2-Butanone	4.67	43	485874	237.803	ug/l	100
26) 2,2-Dichloropropane	4.59	77	119047	43.153	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	103210	49.382	ug/l	96
28) Bromochloromethane	5.01	49	83204	43.965	ug/l	96
29) Tetrahydrofuran	5.13	42	321977	245.745	ug/l	99
30) Chloroform	5.21	83	168423	51.208	ug/l	97
31) Cyclohexane	5.58	56	179829	52.062	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	141806	52.941	ug/l	99
36) 1,1-Dichloropropene	5.80	75	130610	50.312	ug/l	99
37) Ethyl Acetate	4.84	43	184118	50.901	ug/l	99
38) Carbon Tetrachloride	5.79	117	120039	53.510	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162084	52.636	ug/l	99
40) Benzene	6.14	78	400026	51.945	ug/l	99
41) Methacrylonitrile	5.04	41	103954	49.182	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143630	50.450	ug/l	100
43) Isopropyl Acetate	6.45	43	294088	50.388	ug/l	99
44) Trichloroethene	7.21	130	96541	51.610	ug/l	96
45) 1,2-Dichloropropane	7.51	63	112034	50.538	ug/l	96
46) Dibromomethane	7.66	93	65312	50.052	ug/l	98
47) Bromodichloromethane	7.90	83	132730	53.490	ug/l	99
48) Methyl methacrylate	7.77	41	149563	51.765	ug/l	98
49) 1,4-Dioxane	7.74	88	51694	961.870	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	937544	246.935	ug/l	100
52) Toluene	8.78	92	247126	52.853	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	152221	51.151	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	168492	51.965	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	97721	51.926	ug/l	99
56) Ethyl methacrylate	9.18	69	178459	53.265	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172498	51.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430236	244.889	ug/l	99
59) 2-Hexanone	9.49	43	707587	242.067	ug/l	99
60) Dibromochloromethane	9.58	129	101107	54.616	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102409	52.969	ug/l	99
64) Tetrachloroethene	9.34	164	90636	55.545	ug/l	97
65) Chlorobenzene	10.13	112	252895	51.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	93934	55.376	ug/l	99
67) Ethyl Benzene	10.25	91	465445	53.004	ug/l	99
68) m/p-Xylenes	10.36	106	338811	104.439	ug/l	99
69) o-Xylene	10.69	106	163133	52.433	ug/l	99
70) Styrene	10.71	104	289072	52.986	ug/l	99
71) Bromoform	10.85	173	75985	54.801	ug/l	100
73) Isopropylbenzene	11.02	105	441059	53.899	ug/l	100
74) N-amyl acetate	10.90	43	250299	51.187	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	153201	50.182	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185361	69.890	ug/l	81
77) Bromobenzene	11.26	156	110204	52.845	ug/l	95
78) n-propylbenzene	11.36	91	505833	53.627	ug/l	100
79) 2-Chlorotoluene	11.42	91	300697	52.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	371411	53.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52706	49.168	ug/l	98
82) 4-Chlorotoluene	11.51	91	344760	51.390	ug/l	99
83) tert-Butylbenzene	11.77	119	354338	53.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	374066	53.429	ug/l	99
85) sec-Butylbenzene	11.94	105	426393	54.342	ug/l	100
86) p-Isopropyltoluene	12.06	119	390661	55.353	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	192659	51.891	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193205	51.026	ug/l	99
89) n-Butylbenzene	12.38	91	352056	53.079	ug/l	99
90) Hexachloroethane	12.60	117	66758	55.118	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188845	51.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35270	49.081	ug/l	94

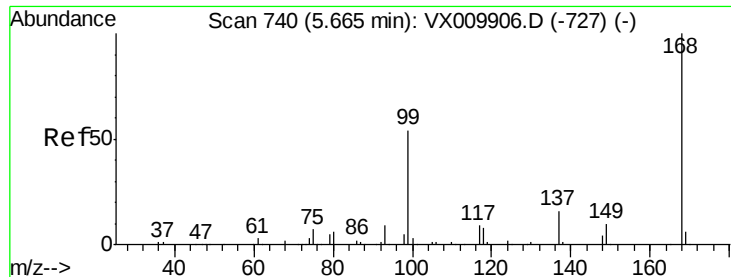
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138030	52.766	ug/l	99
94) Hexachlorobutadiene	13.78	225	63999	48.777	ug/l	99
95) Naphthalene	13.83	128	433289	53.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138001	52.703	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

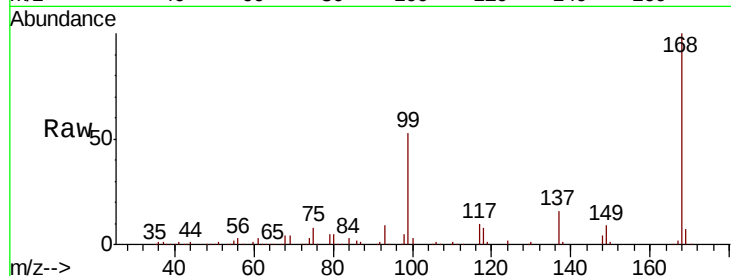
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 160682

Ion Ratio Lower Upper

168 100

99 52.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

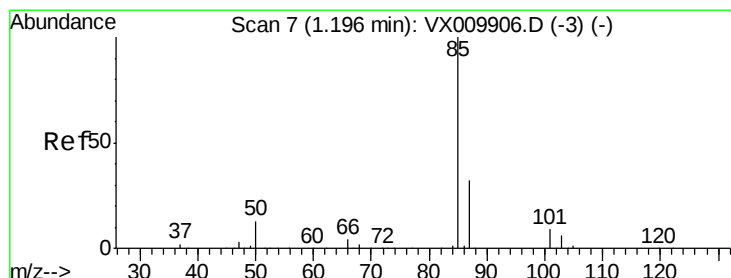
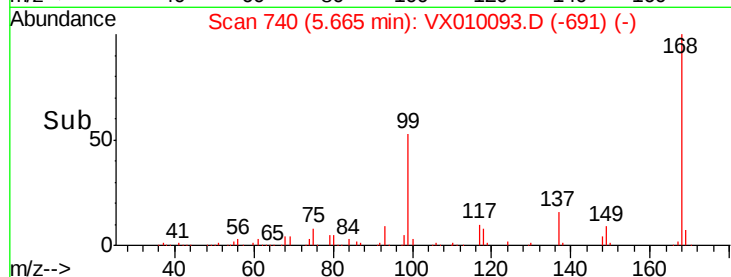
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.603 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010093.D

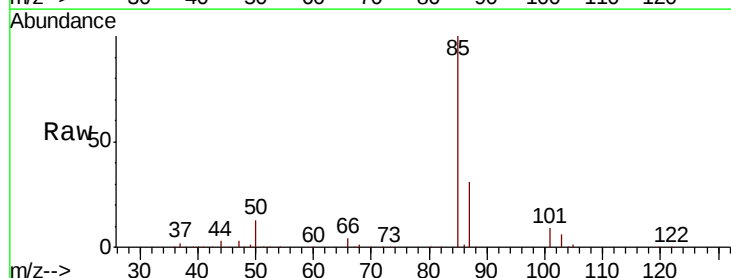
Acq: 05 Jun 2019 22:18

Tgt Ion: 85 Resp: 107213

Ion Ratio Lower Upper

85 100

87 31.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

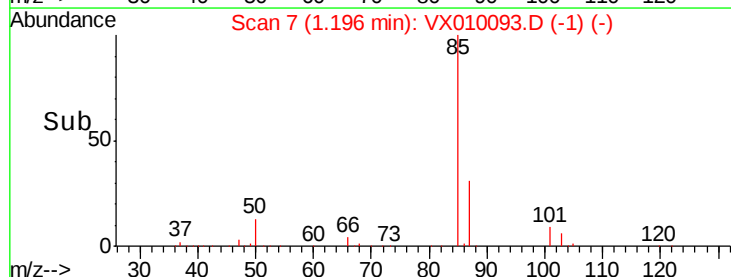
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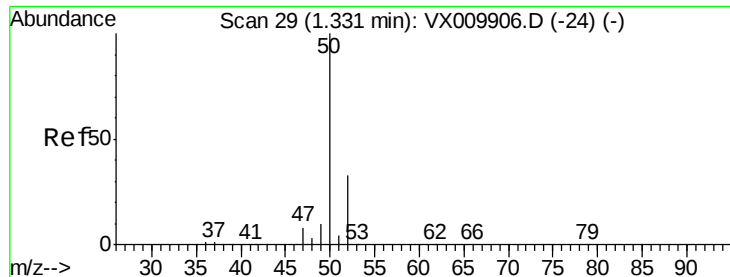
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.738 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

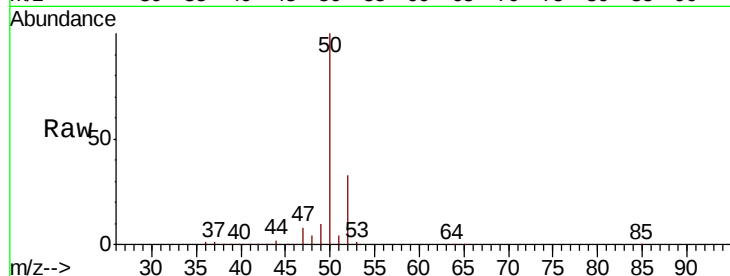
ClientSampleId :

Tot Ion: 50 Resp: 120732

Ion Ratio Lower Upper

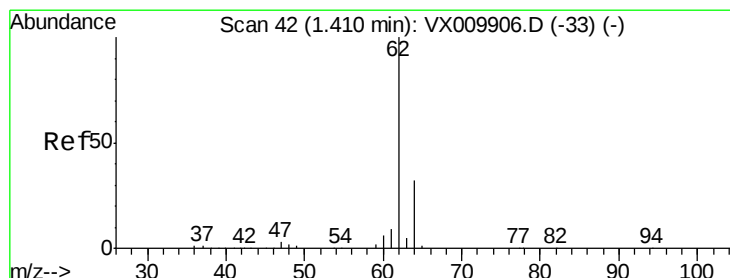
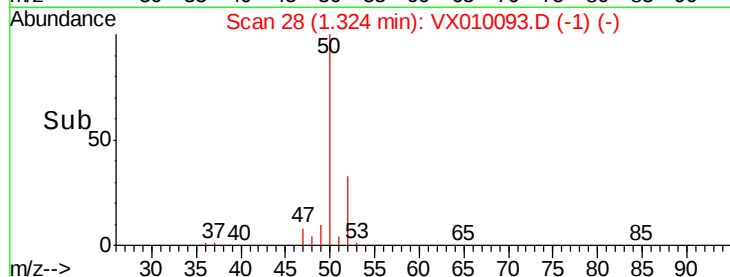
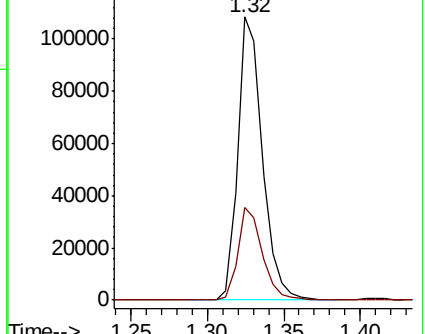
50 100

52 32.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.003 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010093.D

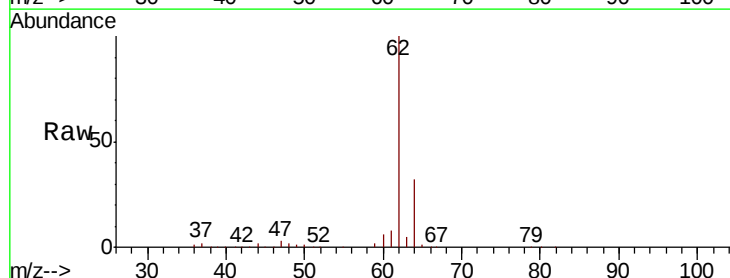
Acq: 05 Jun 2019 22:18

Tgt Ion: 62 Resp: 114228

Ion Ratio Lower Upper

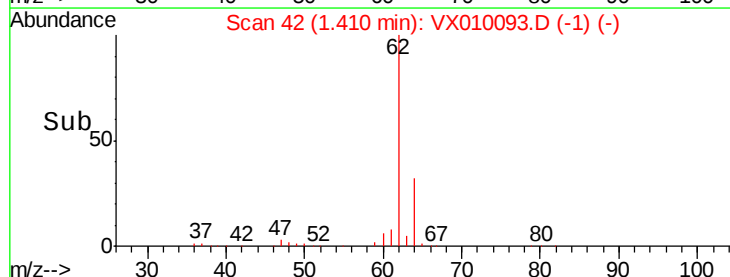
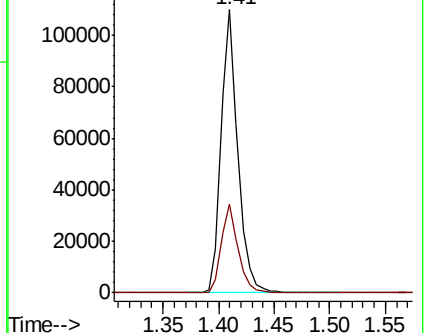
62 100

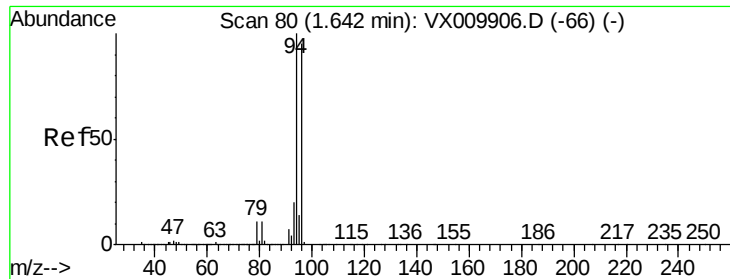
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.980 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

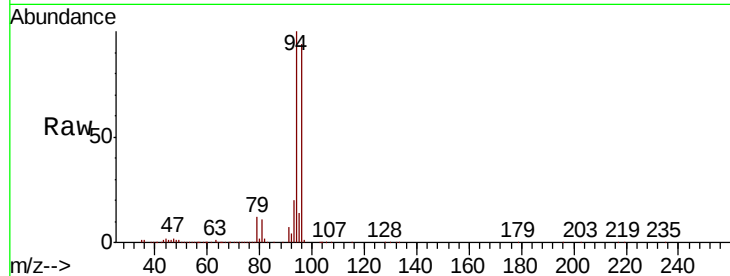
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 70616

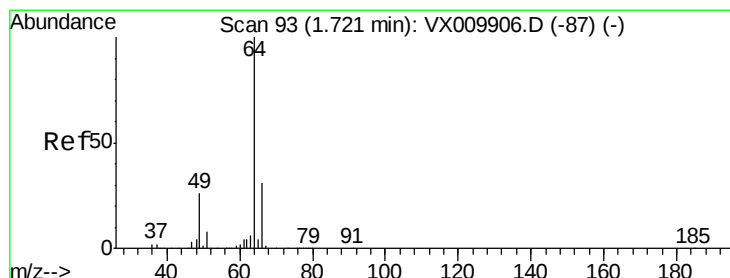
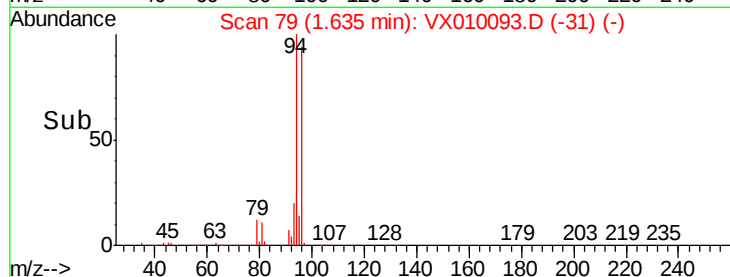
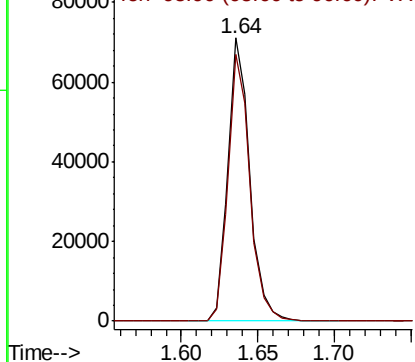
Ion Ratio Lower Upper

94 100

96 93.9 76.2 114.4



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



#6

Chloroethane

Concen: 46.928 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010093.D

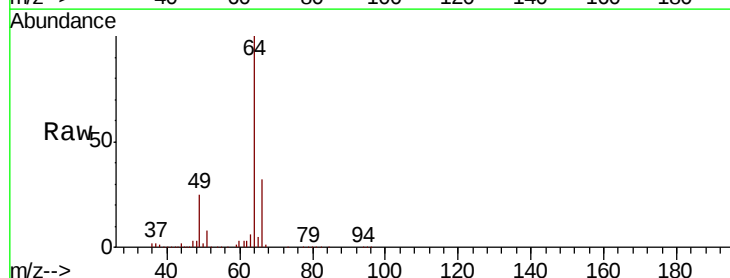
Acq: 05 Jun 2019 22:18

Tgt Ion: 64 Resp: 68742

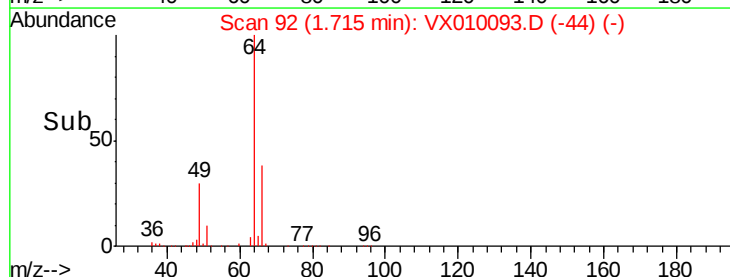
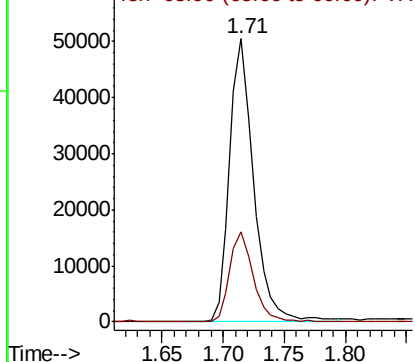
Ion Ratio Lower Upper

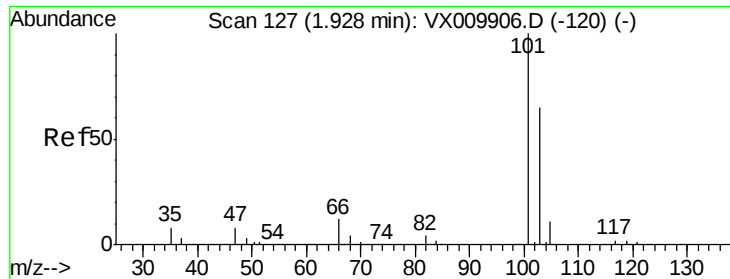
64 100

66 31.6 25.1 37.7



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



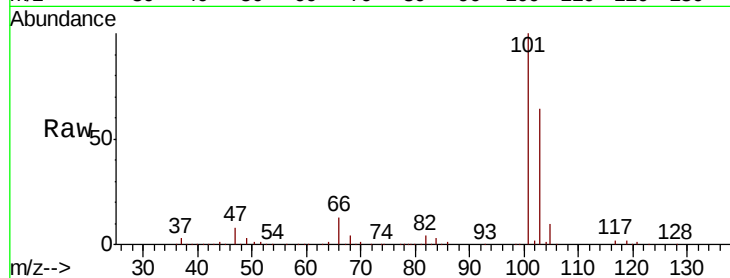


#7

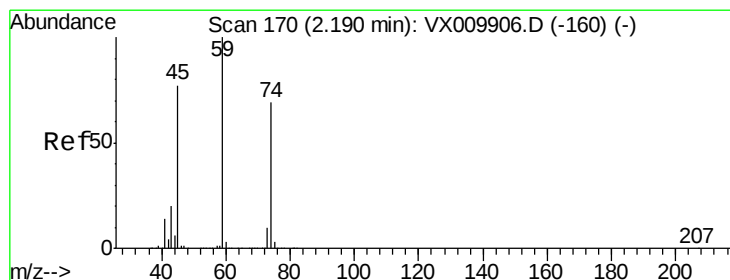
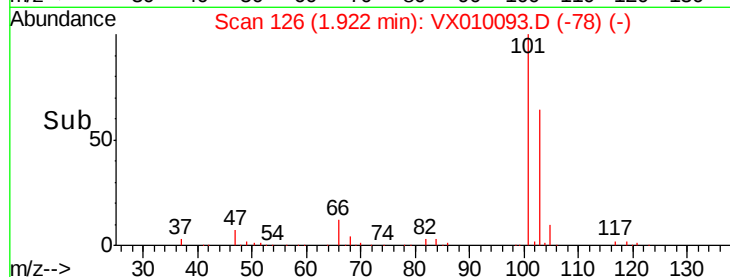
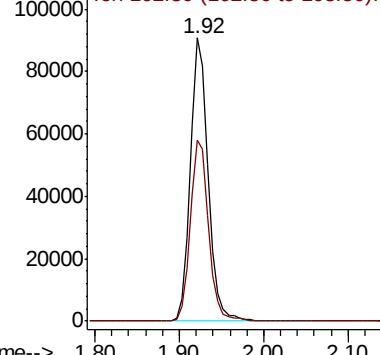
Trichlorofluoromethane
 Concen: 50.512 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 132823
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.4



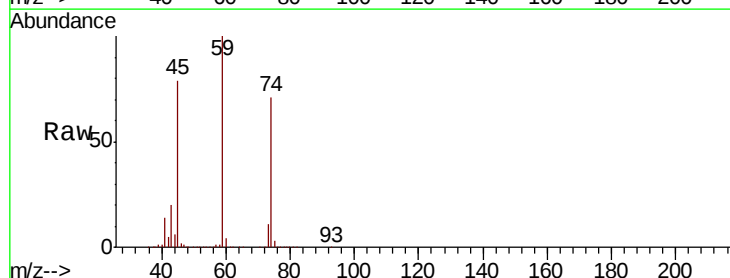
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



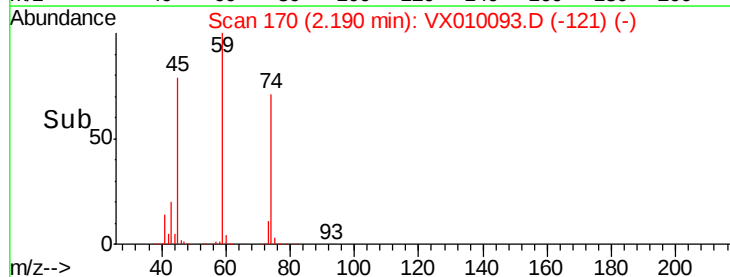
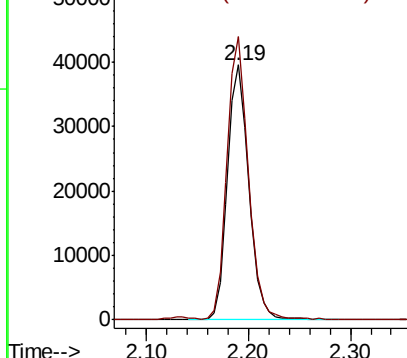
#8

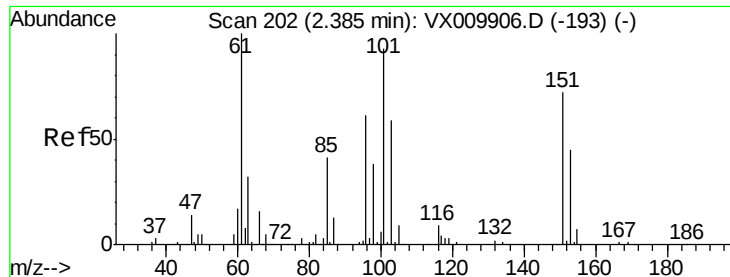
Diethyl Ether
 Concen: 46.489 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion: 74 Resp: 57446
 Ion Ratio Lower Upper
 74 100
 45 109.9 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.390 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

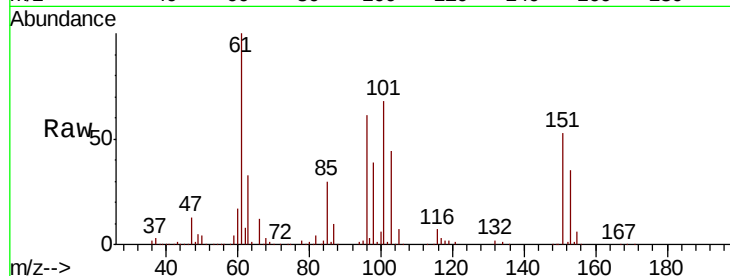
Tot Ion:101 Resp: 79997

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

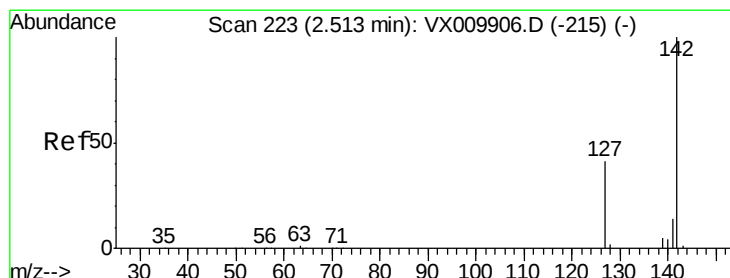
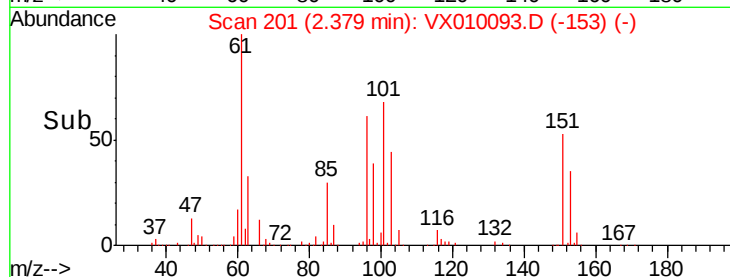
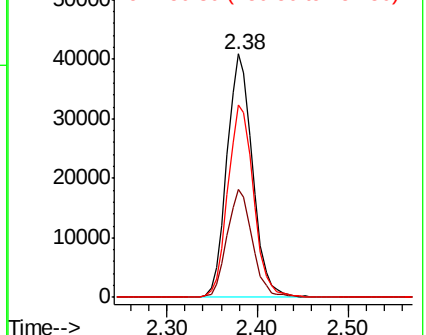
151 79.7 61.9 92.9



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: 50.125 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

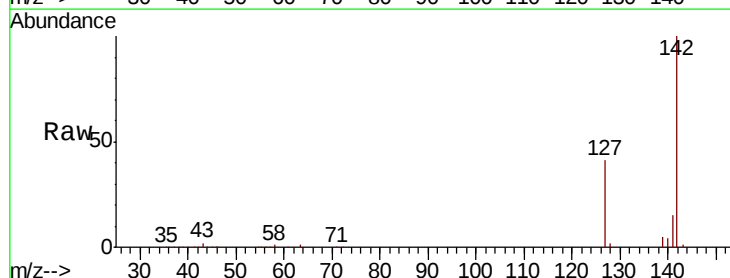
Tgt Ion:142 Resp: 98565

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.4

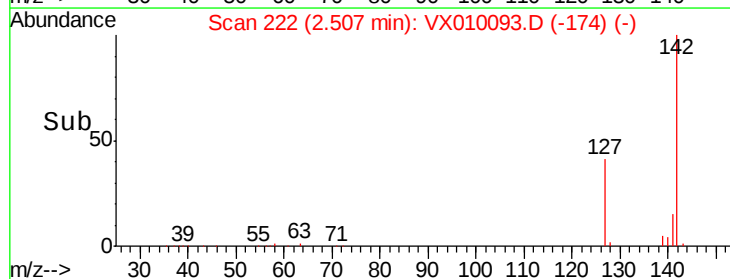
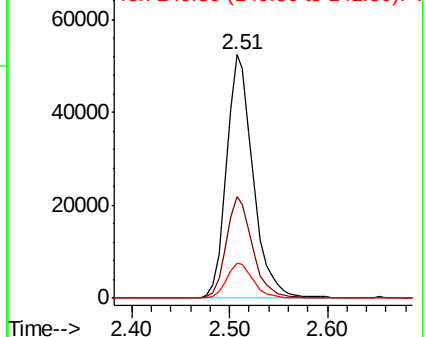
141 14.4 11.4 17.0

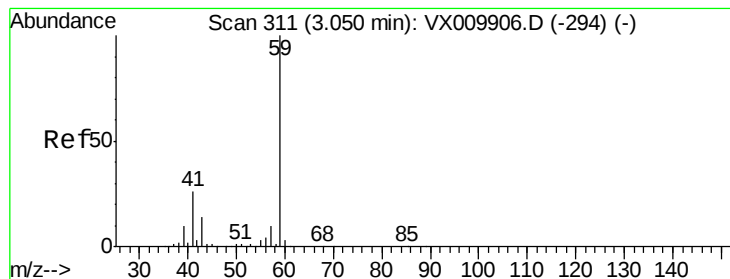


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



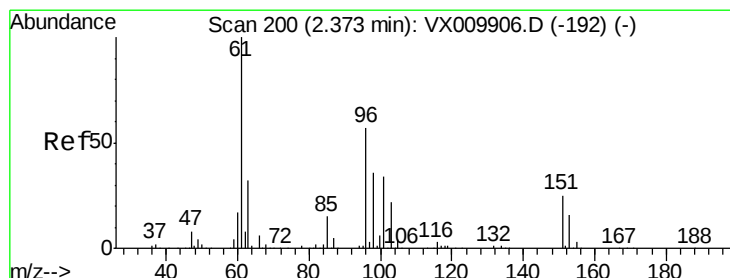
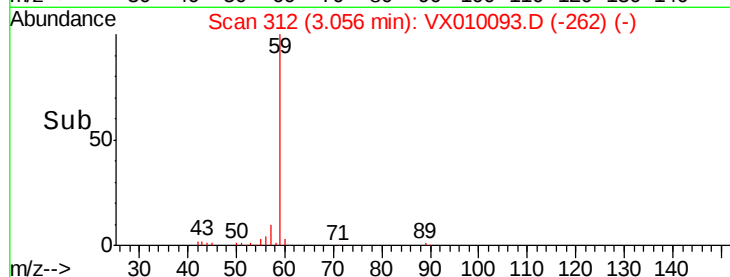
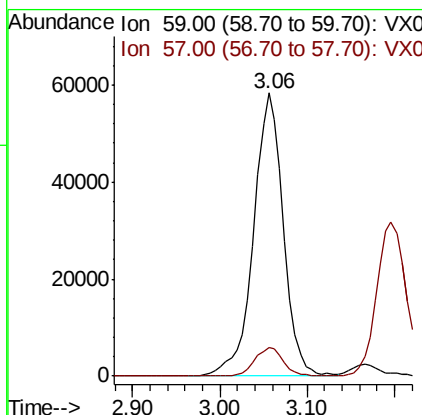
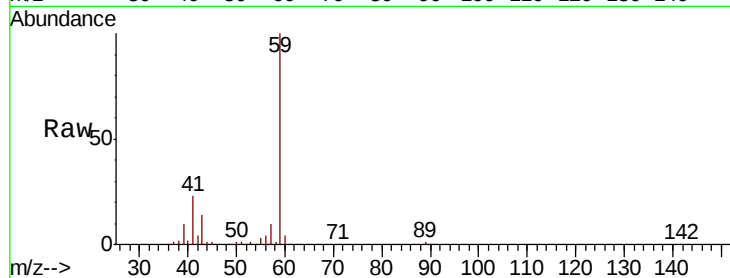


#11

Tert butyl alcohol
Concen: 246.832 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampleId :

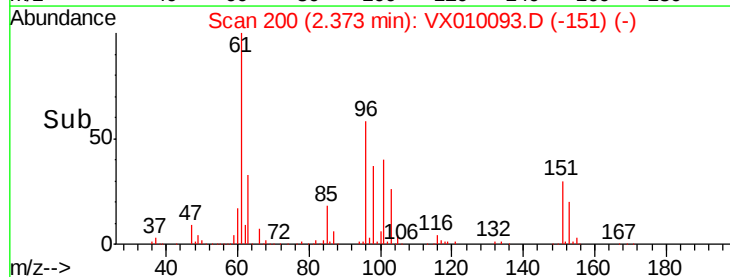
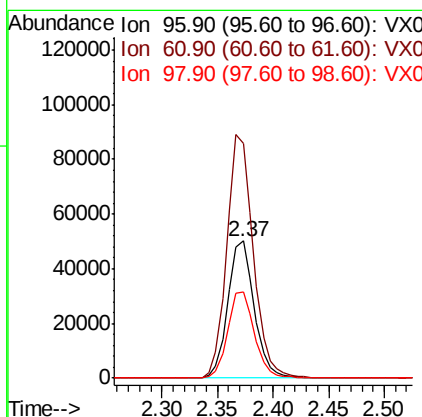
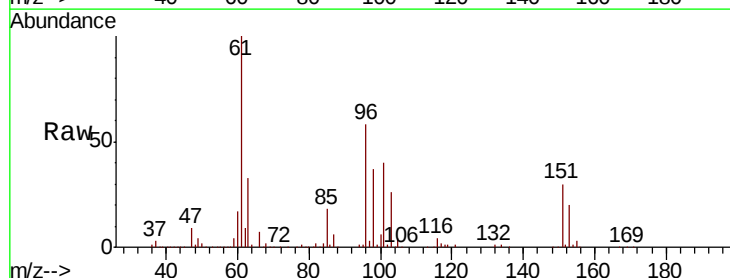
Tot Ion: 59 Resp: 137878
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

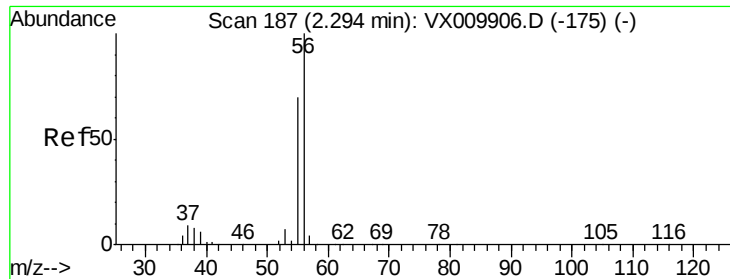


#12

1,1-Dichloroethene
Concen: 50.742 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 96 Resp: 82571
Ion Ratio Lower Upper
96 100
61 171.6 140.7 211.1
98 63.0 50.1 75.1

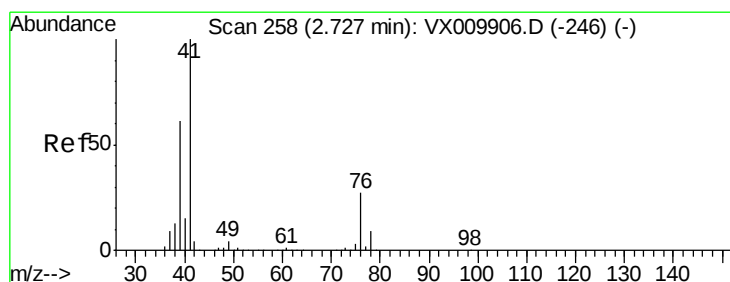
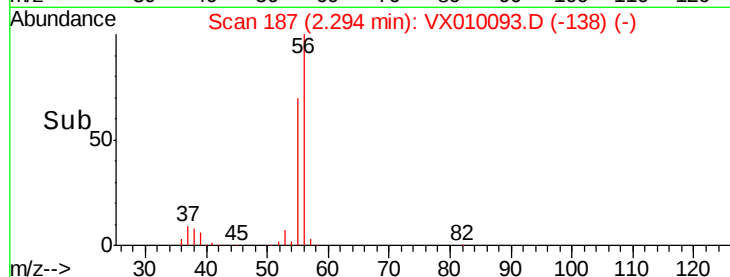
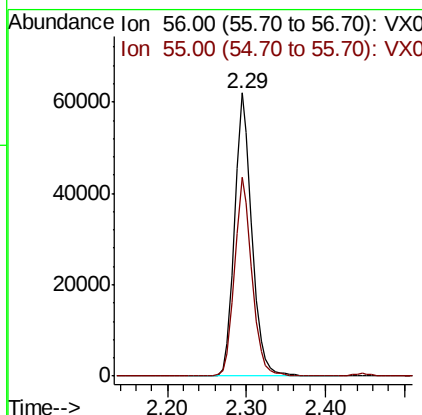
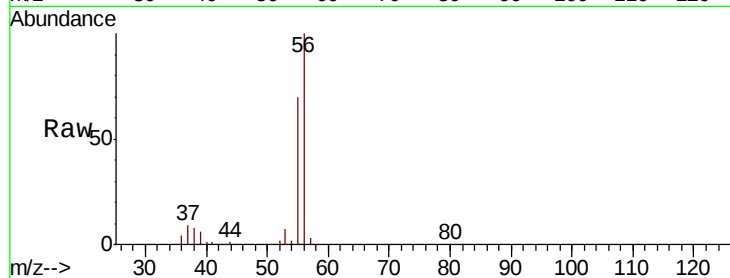




#13
Acrolein
Concen: 240.248 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

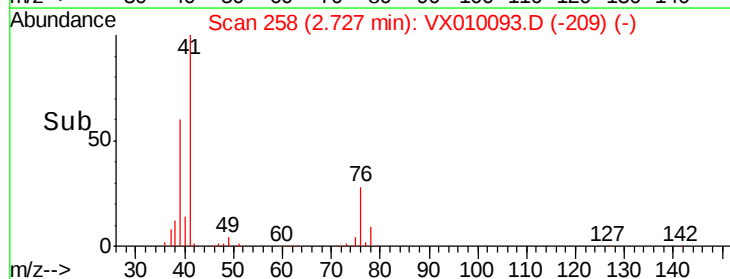
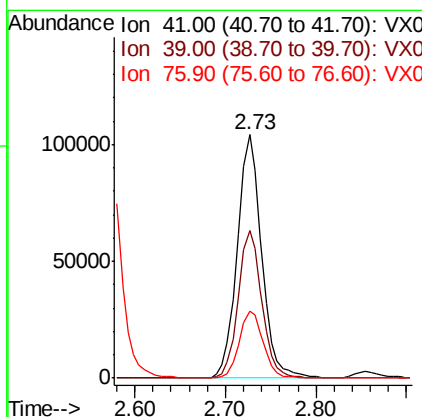
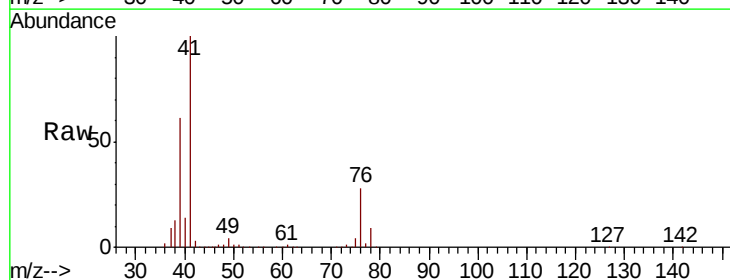
Instrument :
MSVOA_X
ClientSampleId :

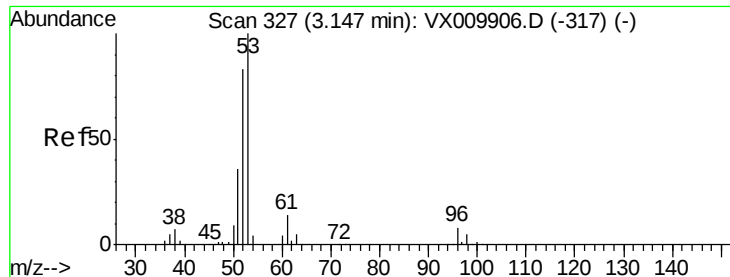
Tot Ion: 56 Resp: 94769
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4



#14
Allyl chloride
Concen: 49.196 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 41 Resp: 194576
Ion Ratio Lower Upper
41 100
39 58.6 46.7 70.1
76 27.1 21.0 31.4





#15

Acrylonitrile

Concen: 242.742 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

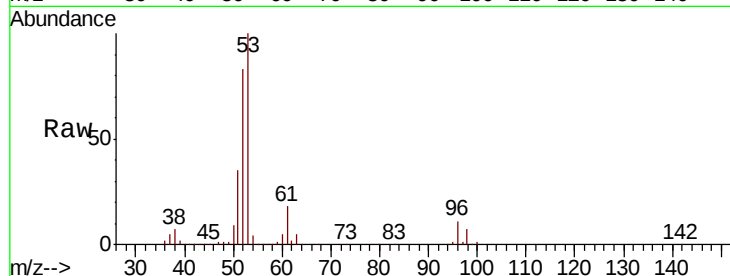
Tot Ion: 53 Resp: 326708

Ion Ratio Lower Upper

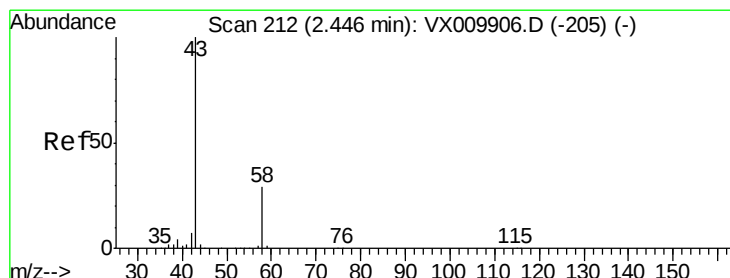
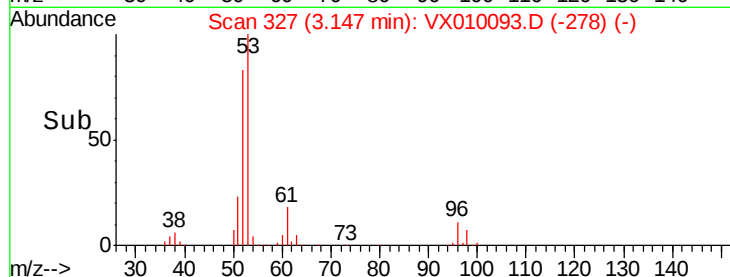
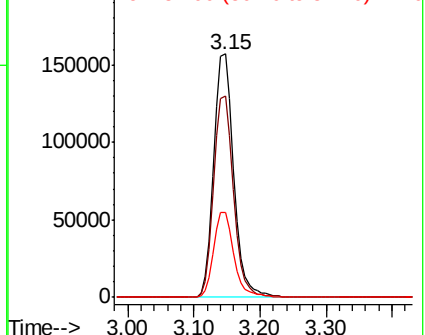
53 100

52 82.6 66.7 100.1

51 35.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.049 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010093.D

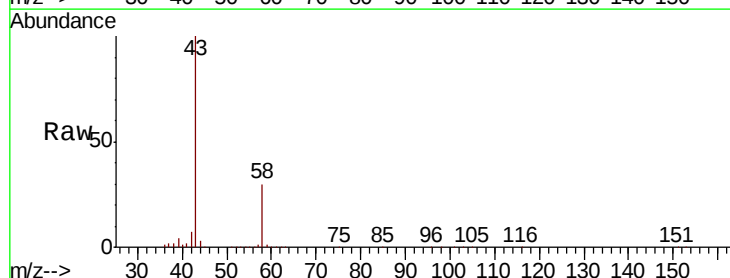
Acq: 05 Jun 2019 22:18

Tgt Ion: 43 Resp: 291200

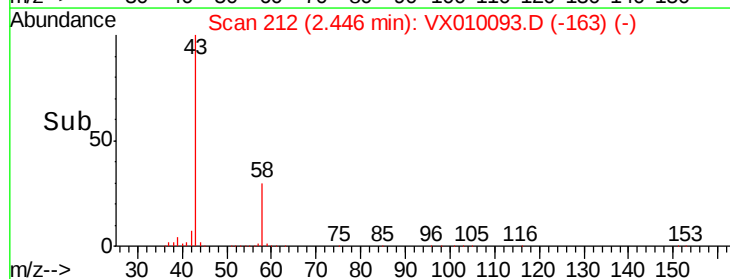
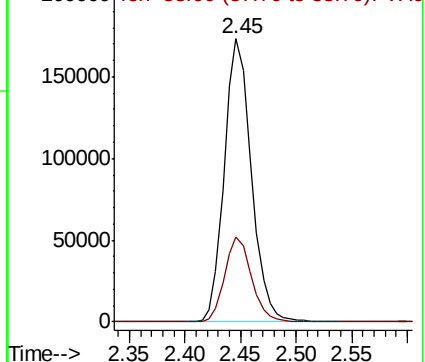
Ion Ratio Lower Upper

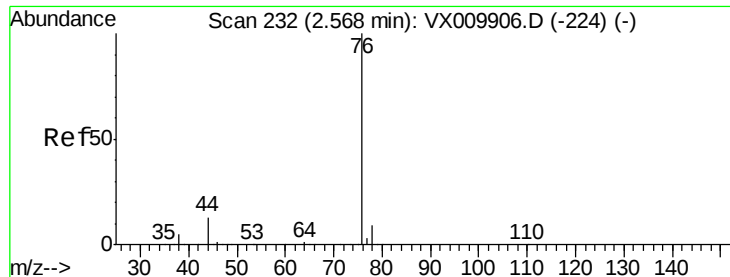
43 100

58 30.1 23.2 34.8



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

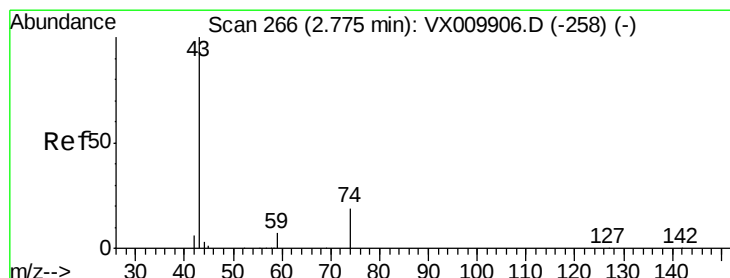
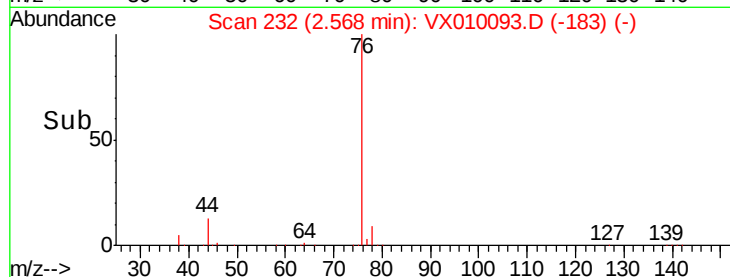
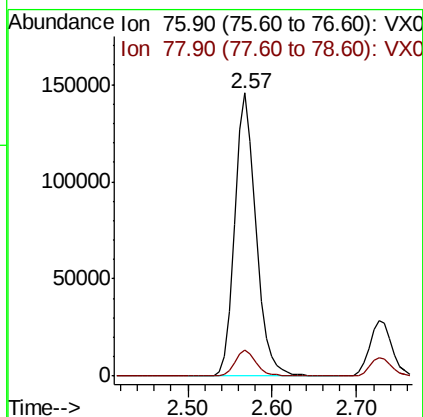
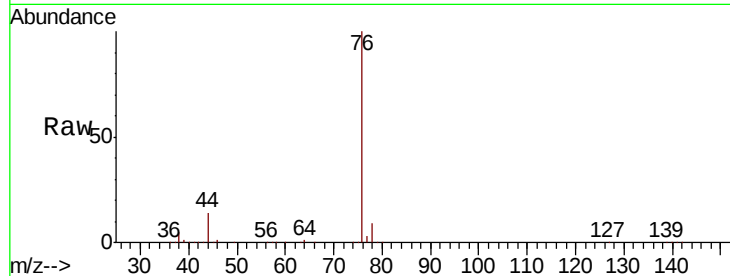




#17
Carbon Disulfide
Concen: 50.166 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

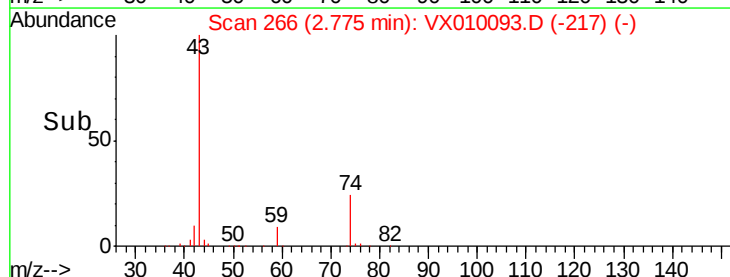
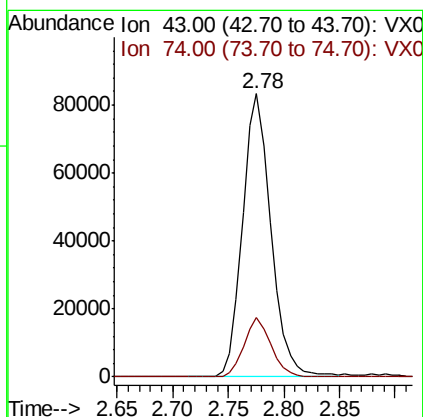
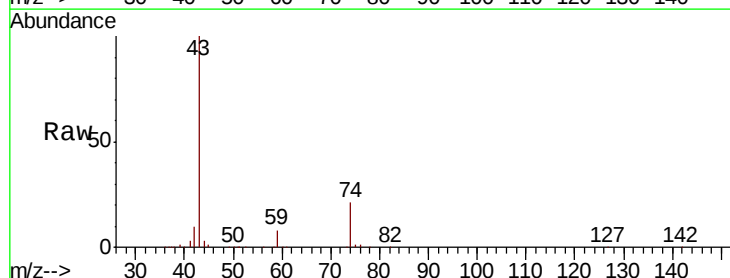
Instrument :
MSVOA_X
ClientSampleId :

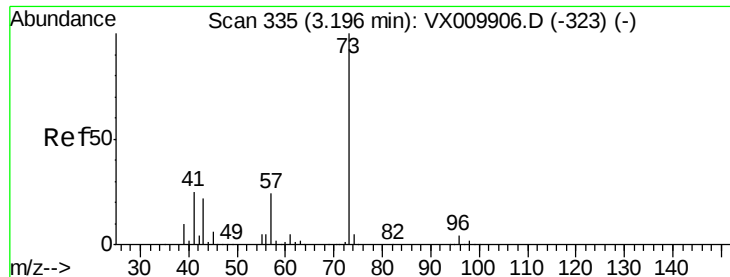
Tot Ion: 76 Resp: 247191
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 48.220 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 43 Resp: 147142
Ion Ratio Lower Upper
43 100
74 20.7 15.8 23.6

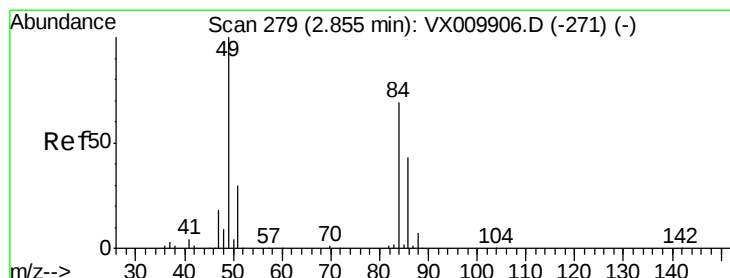
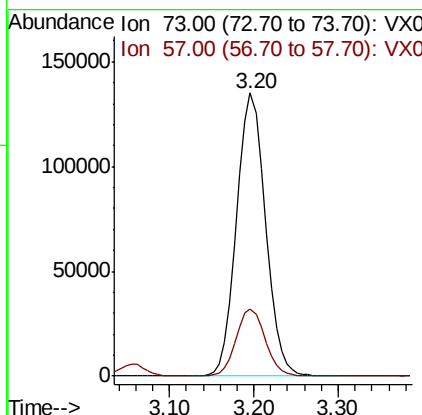
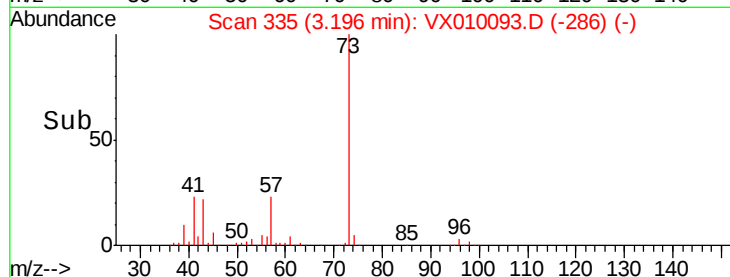
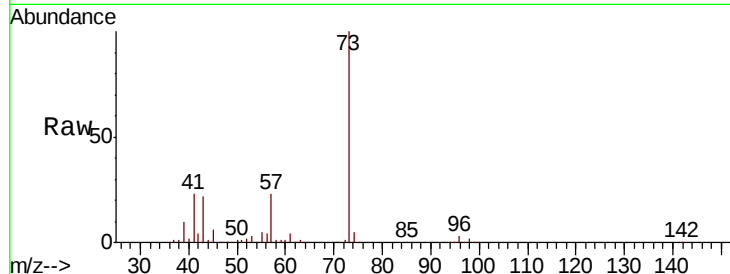




#19
Methvl tert-butvl Ether
Concen: 51.081 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

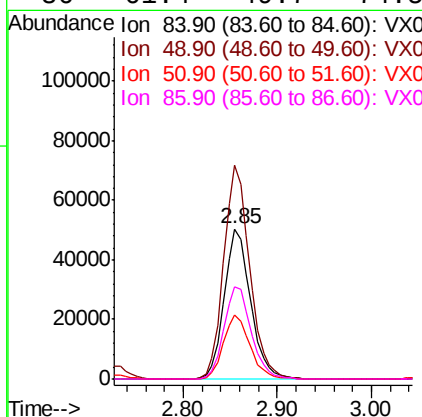
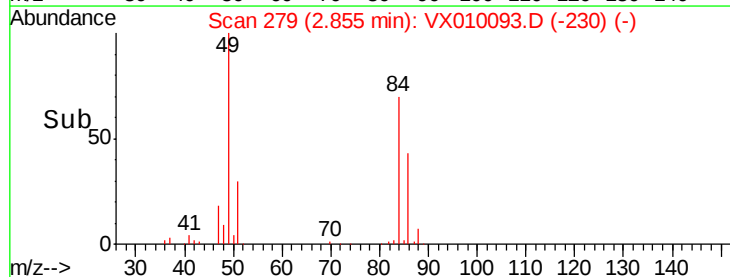
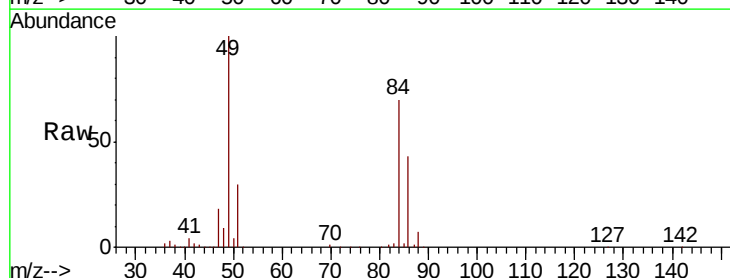
Instrument :
MSVOA_X
ClientSampleId :

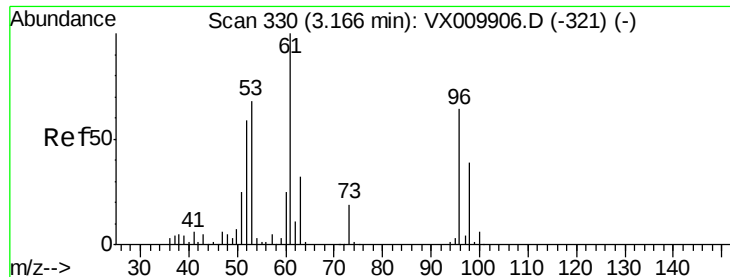
Tot Ion: 73 Resp: 313822
Ion Ratio Lower Upper
73 100
57 23.4 19.4 29.2



#20
Methylene Chloride
Concen: 48.686 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 84 Resp: 97774
Ion Ratio Lower Upper
84 100
49 142.3 115.8 173.6
51 42.6 34.4 51.6
86 61.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 49.086 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampled :

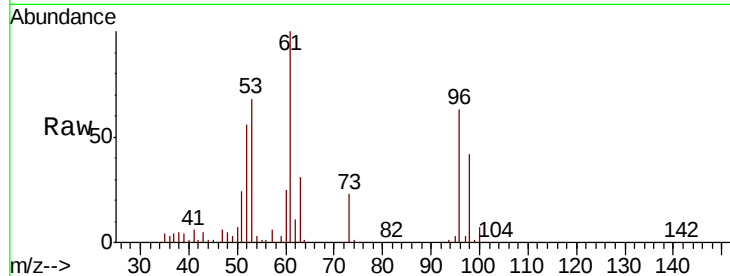
Tot Ion: 96 Resp: 88876

Ion Ratio Lower Upper

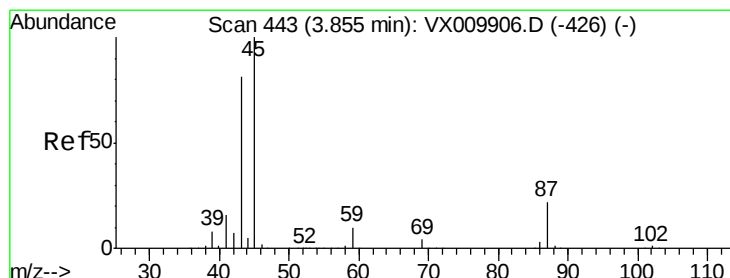
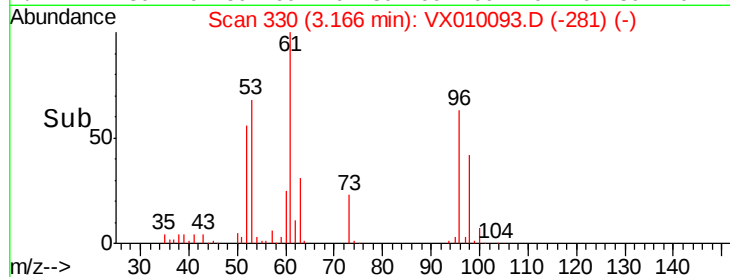
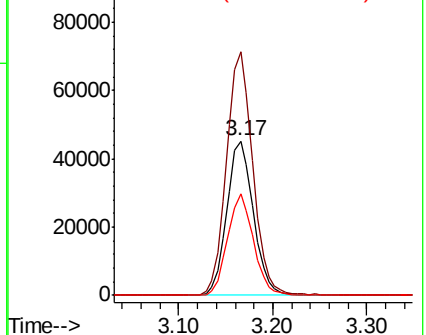
96 100

61 157.8 125.7 188.5

98 65.6 49.0 73.6



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



#22

Diisopropyl ether

Concen: 50.178 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Tgt Ion: 45 Resp: 377605

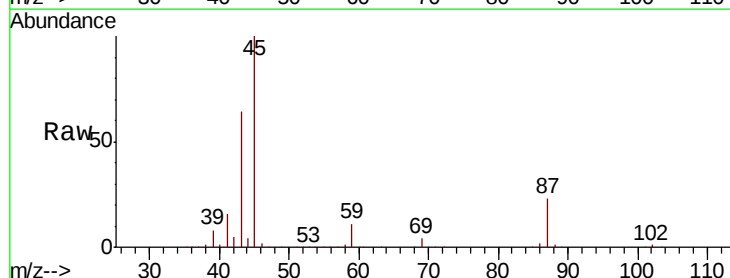
Ion Ratio Lower Upper

45 100

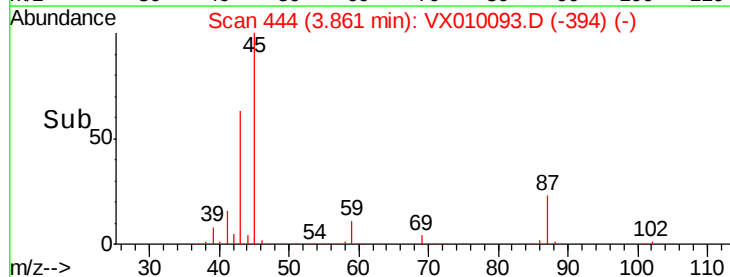
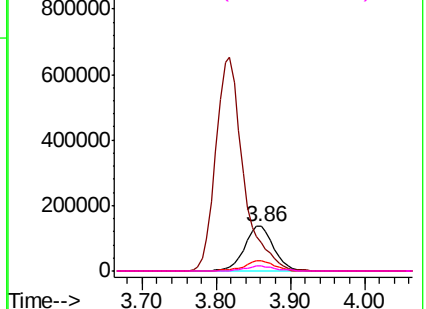
43 63.2 65.0 97.4#

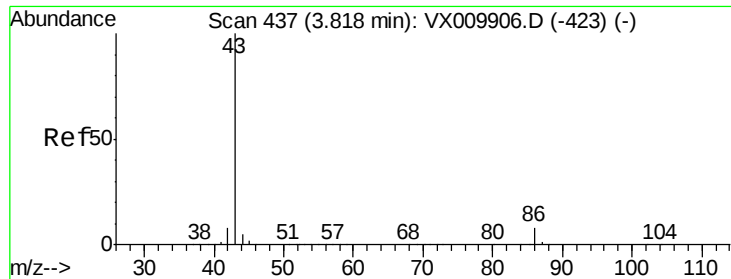
87 23.3 17.3 25.9

59 10.9 8.1 12.1



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: 248.540 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

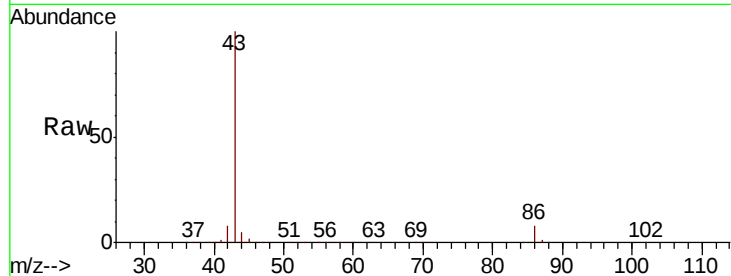
ClientSampleId :

Tot Ion: 43 Resp: 1680221

Ion Ratio Lower Upper

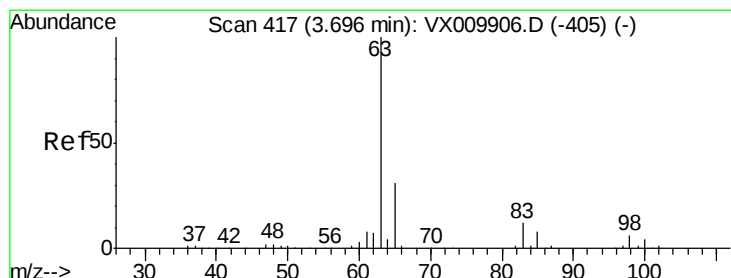
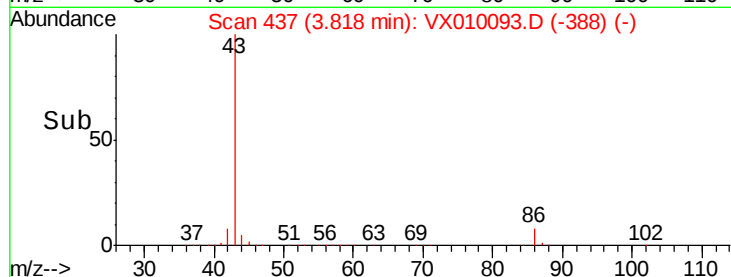
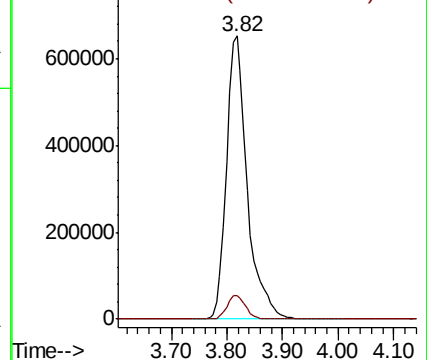
43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

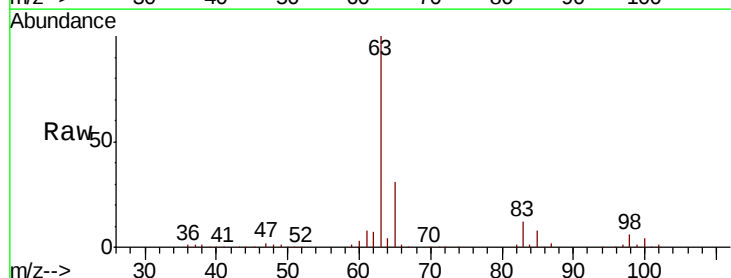
Tgt Ion: 63 Resp: 182862

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

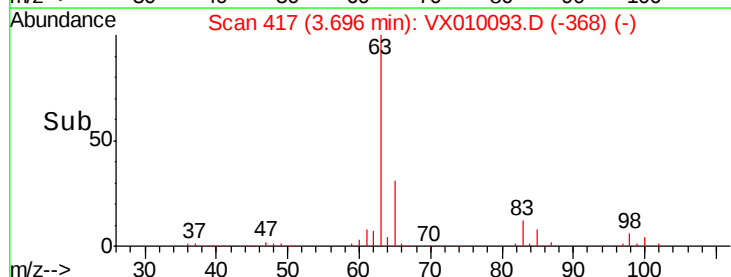
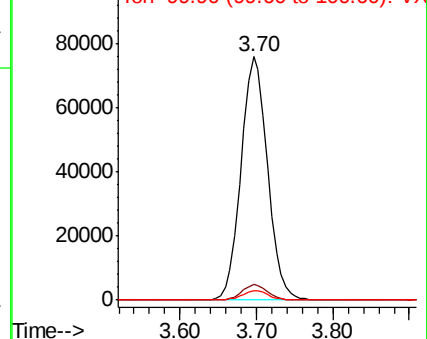
100 4.0 1.8 5.4

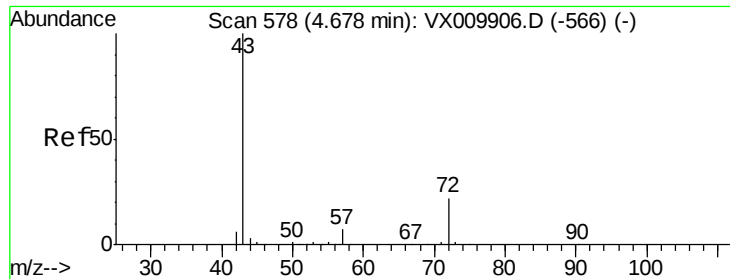


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.803 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

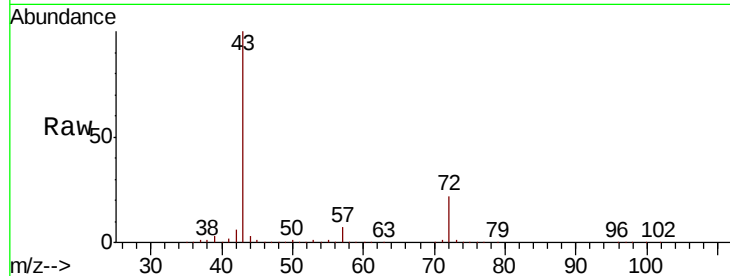
ClientSampleId :

Tot Ion: 43 Resp: 485874

Ion Ratio Lower Upper

43 100

72 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

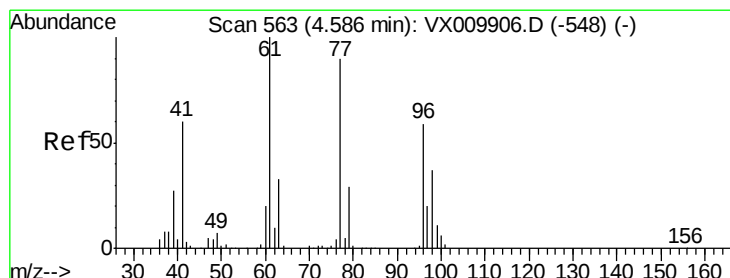
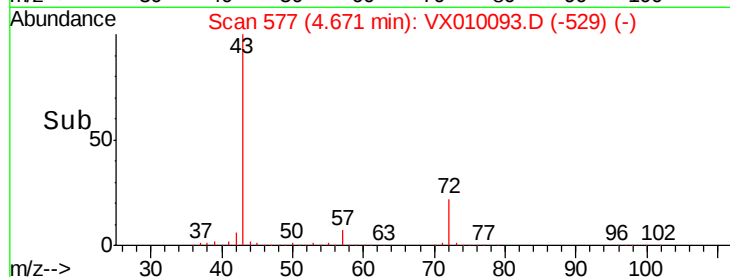
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.153 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010093.D

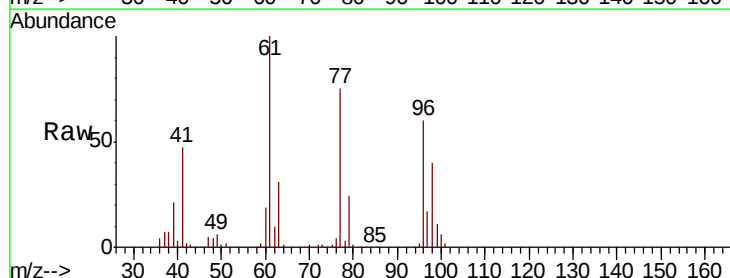
Acq: 05 Jun 2019 22:18

Tgt Ion: 77 Resp: 119047

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

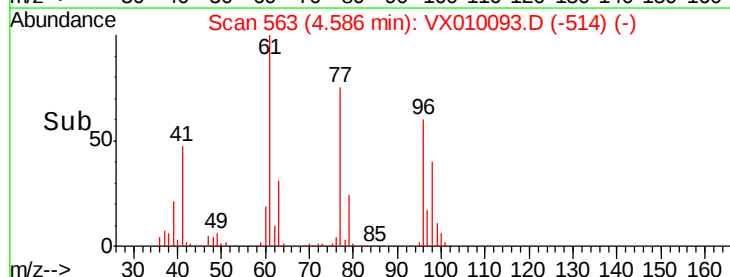
30000

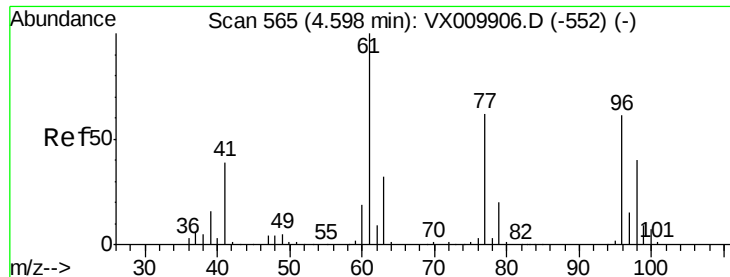
20000

10000

0

Time-->



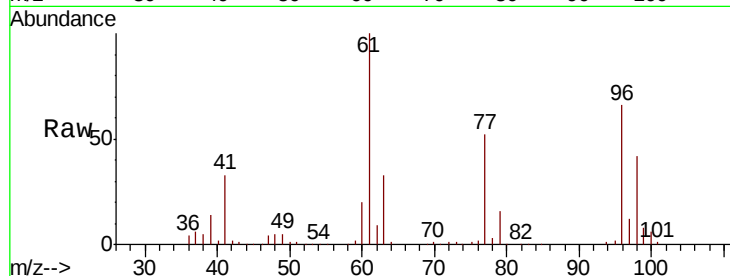


#27

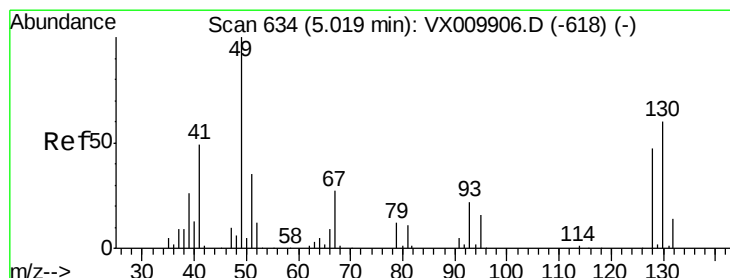
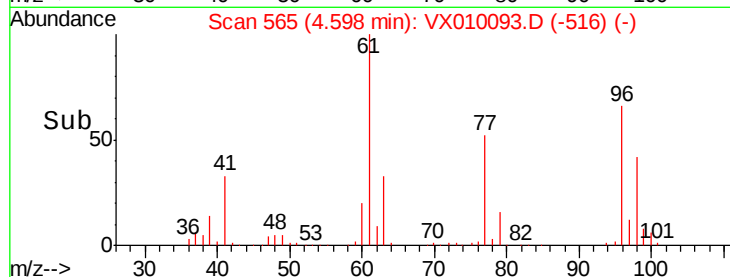
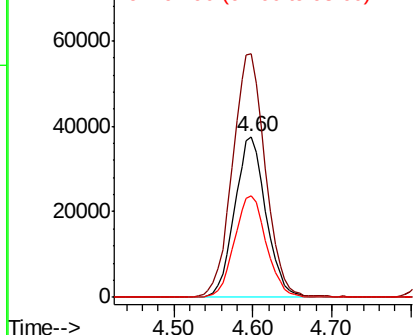
cis-1,2-Dichloroethene
Concen: 49.382 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	334.0
98	65.1	0.0	131.6



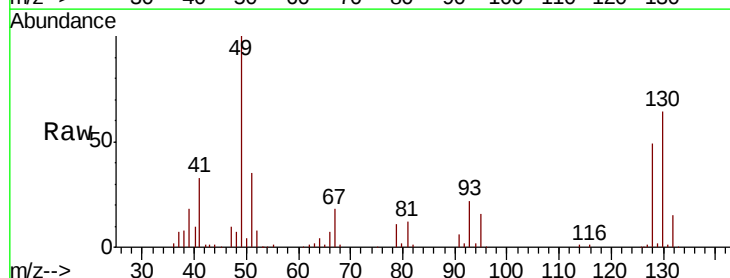
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



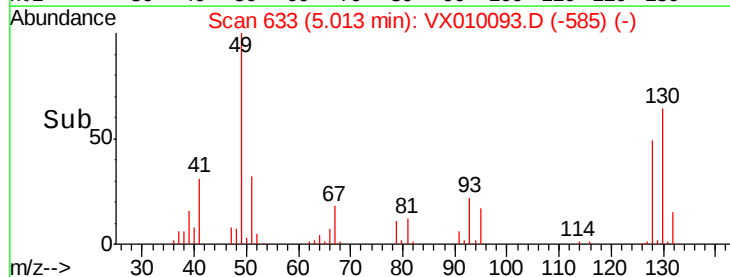
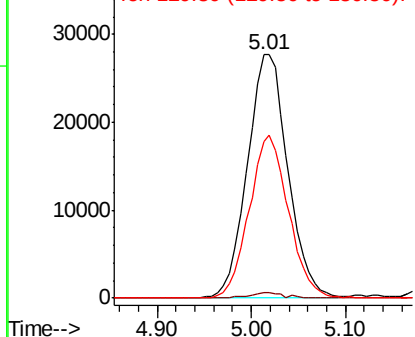
#28

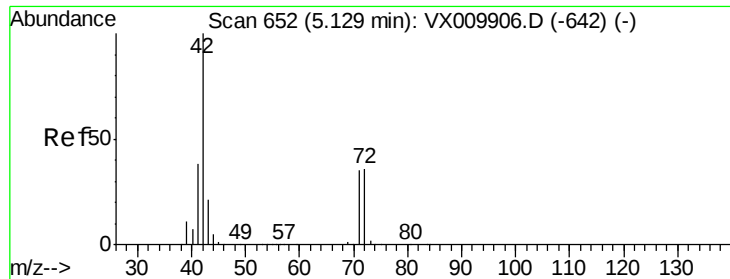
Bromochloromethane
Concen: 43.965 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	65.0	49.4	74.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

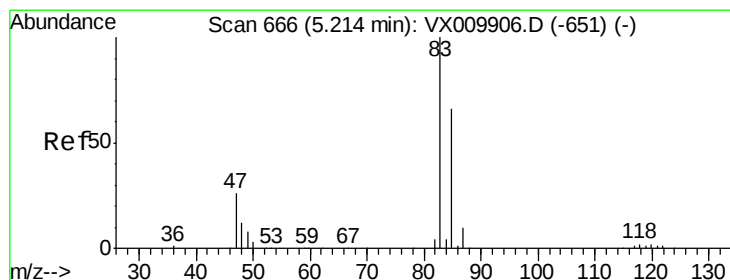
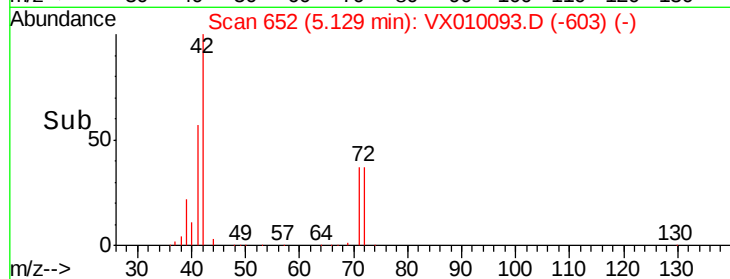
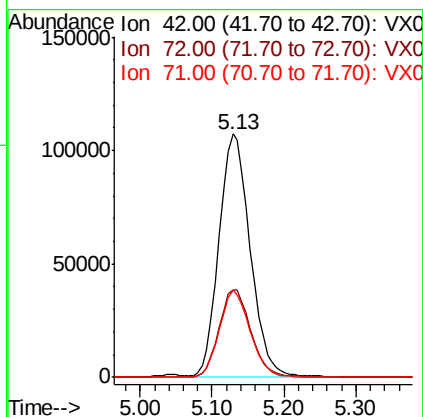
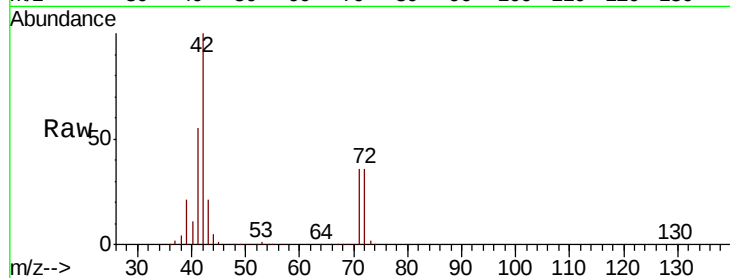




#29
Tetrahydrofuran
Concen: 245.745 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

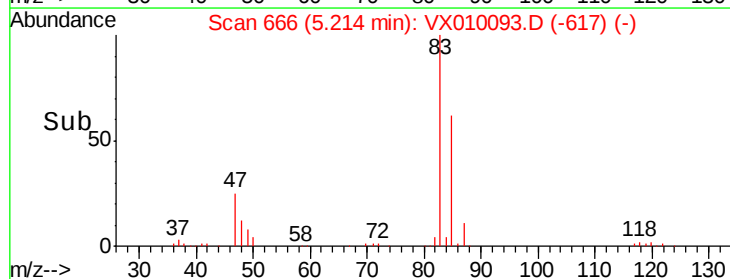
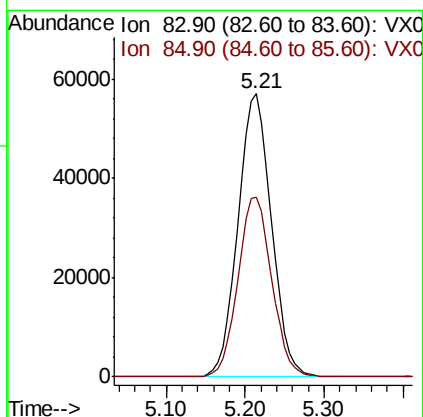
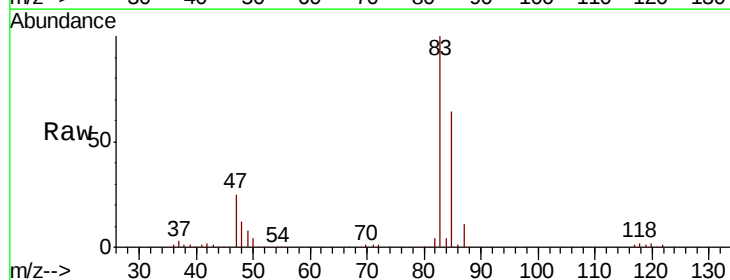
Instrument :
MSVOA_X
ClientSampled :

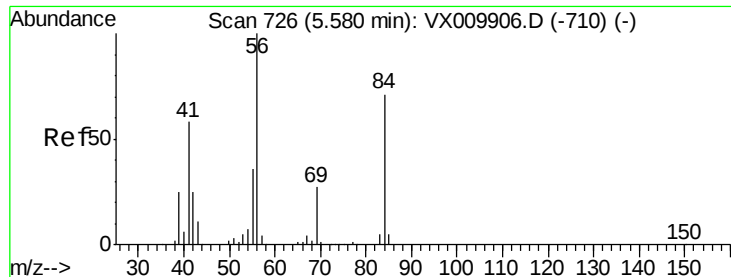
Tot Ion: 42 Resp: 321977
Ion Ratio Lower Upper
42 100
72 37.2 29.2 43.8
71 35.5 27.6 41.4



#30
Chloroform
Concen: 51.208 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 83 Resp: 168423
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8





#31

Cyclohexane

Concen: 52.062 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

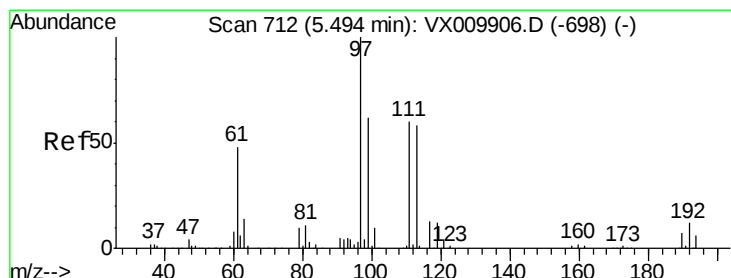
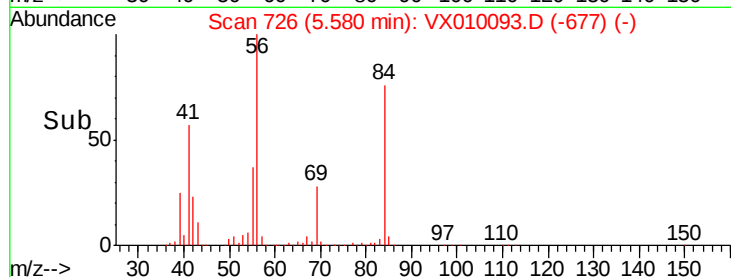
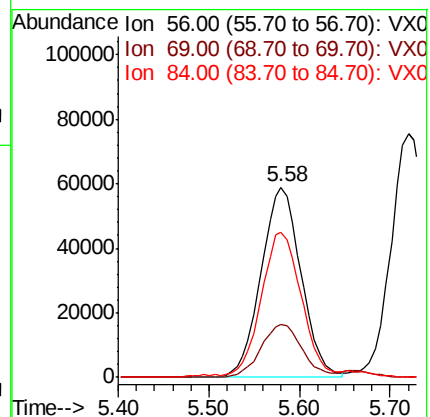
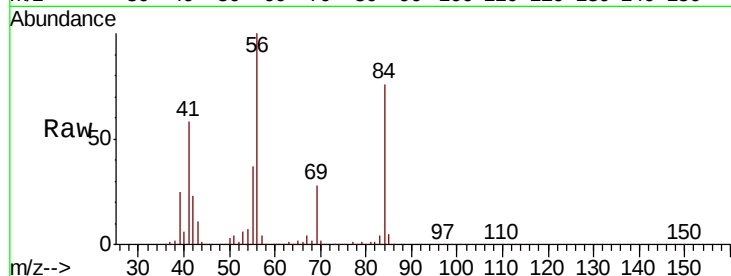
Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 179829

Ion	Ratio	Lower	Upper
56	100		
69	27.9	21.6	32.4
84	75.1	56.8	85.2



#32

1,1,1-Trichloroethane

Concen: 52.941 ug/l

RT: 5.49 min Scan# 712

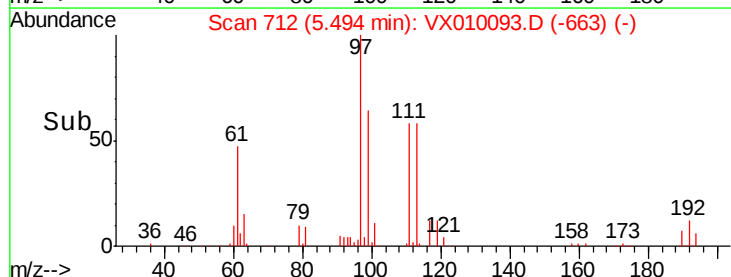
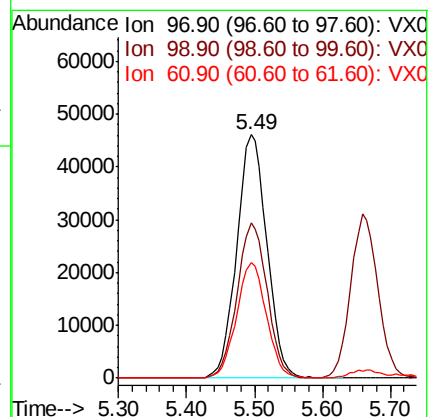
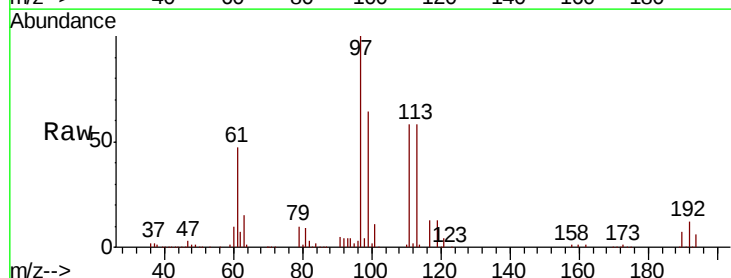
Delta R.T. -0.00 min

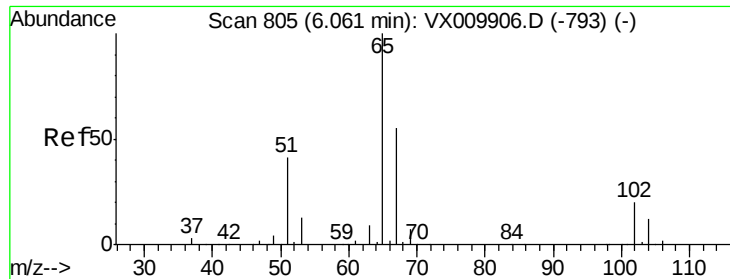
Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Tgt Ion: 97 Resp: 141806

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	47.3	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 46.619 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

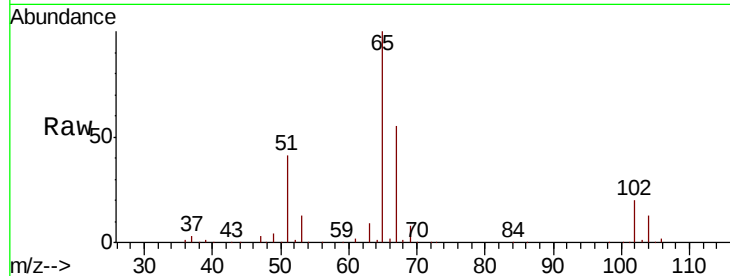
ClientSampleId :

Tot Ion: 65 Resp: 105815

Ion Ratio Lower Upper

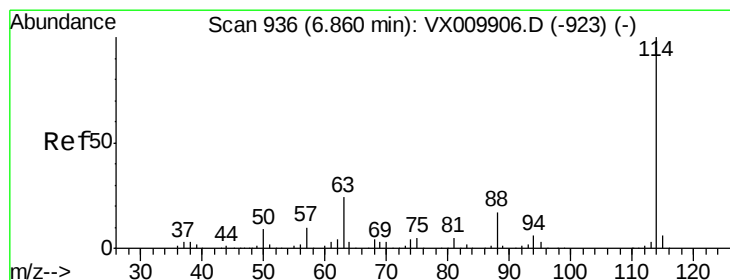
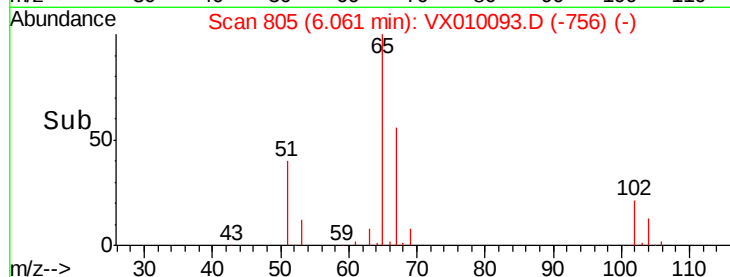
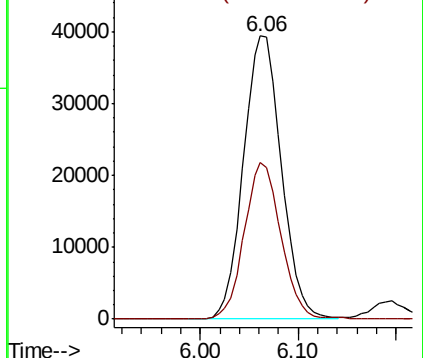
65 100

67 53.8 0.0 108.4



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: VX010093.D

Acq: 05 Jun 2019 22:18

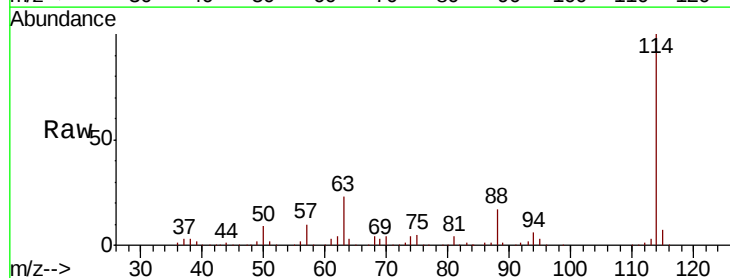
Tgt Ion: 114 Resp: 255860

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

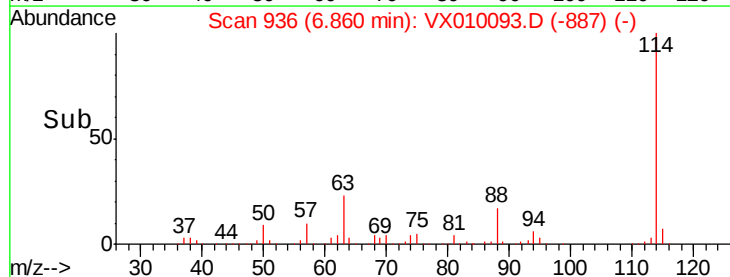
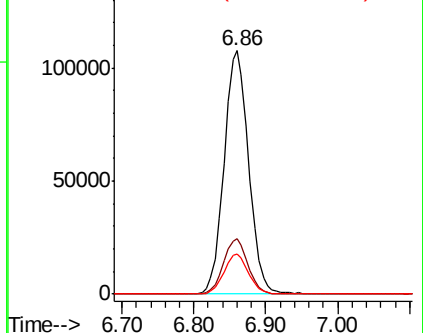
88 16.6 0.0 33.0

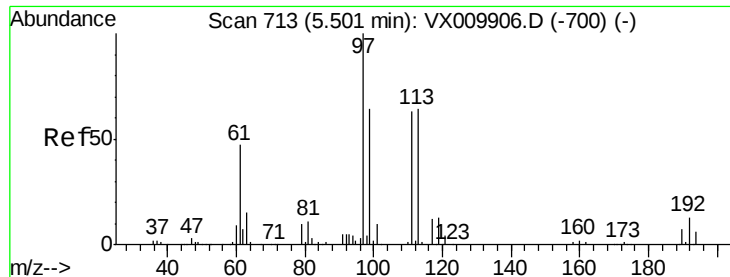


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.761 ug/l

RT: 5.50 min Scan# 713

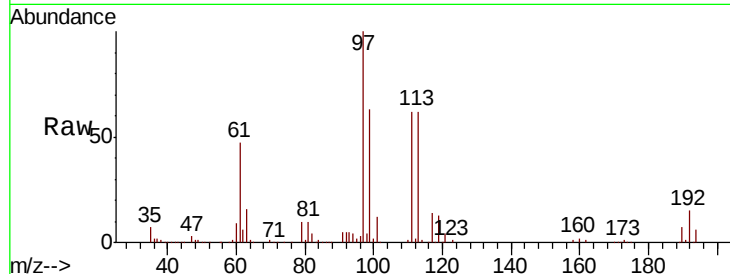
Delta R.T. -0.00 min

Lab File: VX010093.D

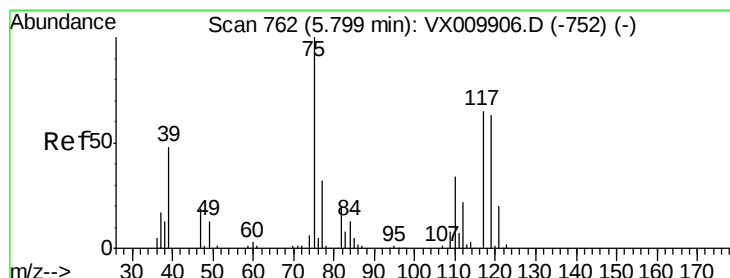
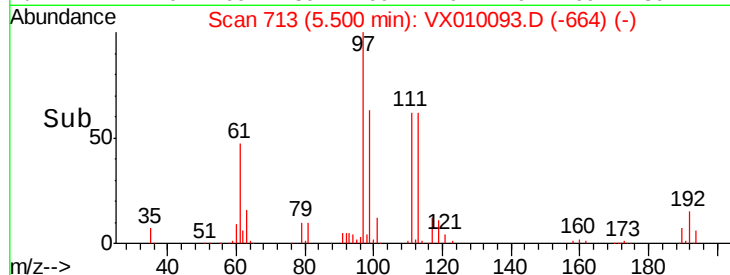
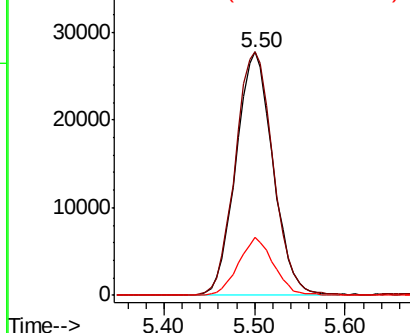
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	78437
Ion	Ratio	Lower Upper
113	100	
111	102.8	82.2 123.2
192	22.5	17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.312 ug/l

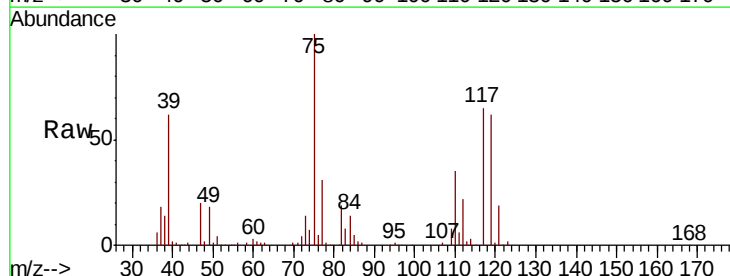
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

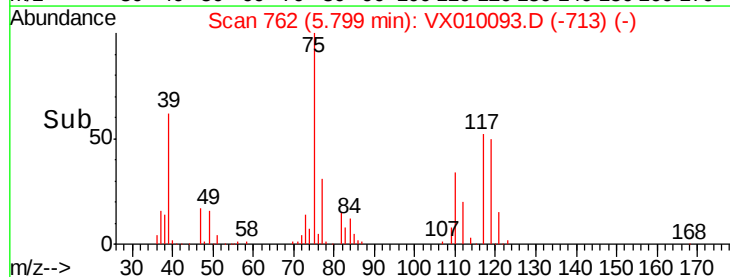
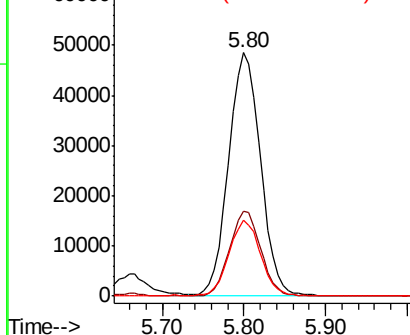
Lab File: VX010093.D

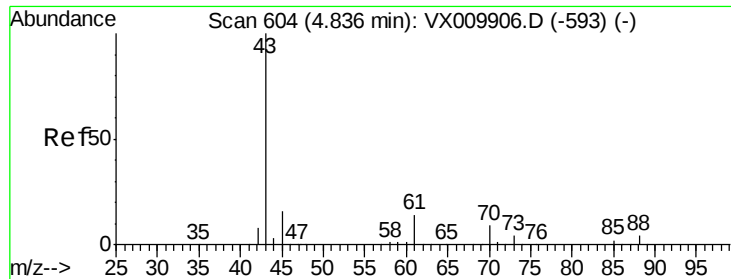
Acq: 05 Jun 2019 22:18

Tgt Ion: 75	Resp:	130610
Ion	Ratio	Lower Upper
75	100	
110	34.5	16.7 50.1
77	31.3	25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

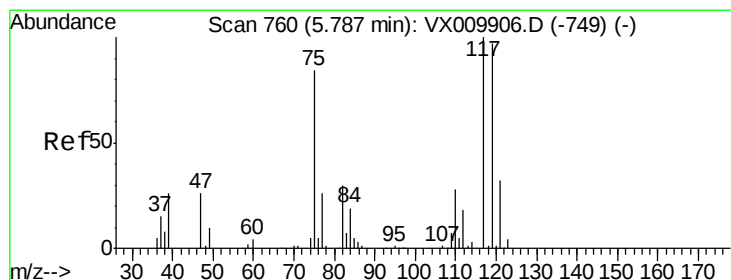
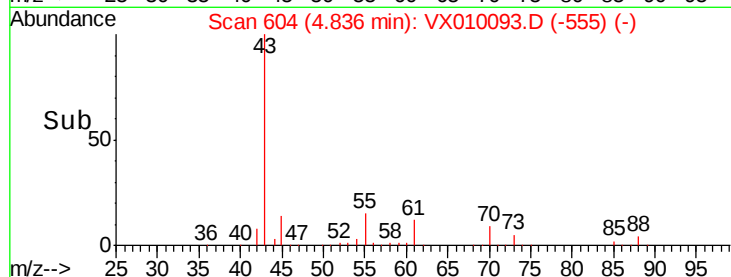
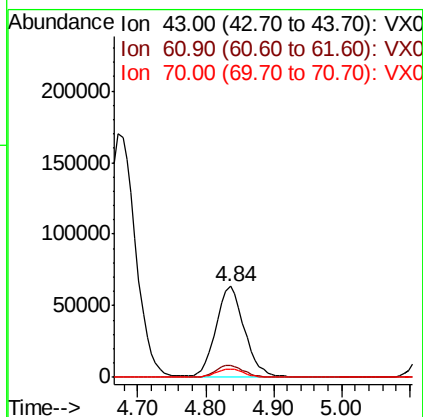
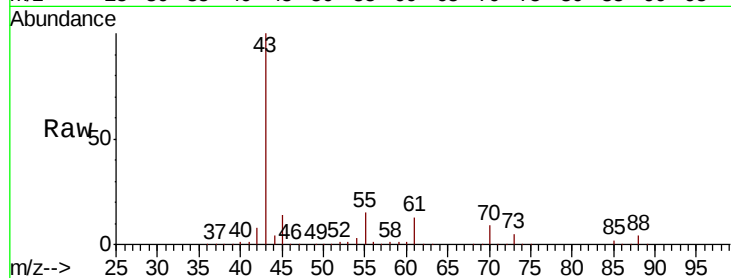




#37
Ethyl Acetate
Concen: 50.901 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

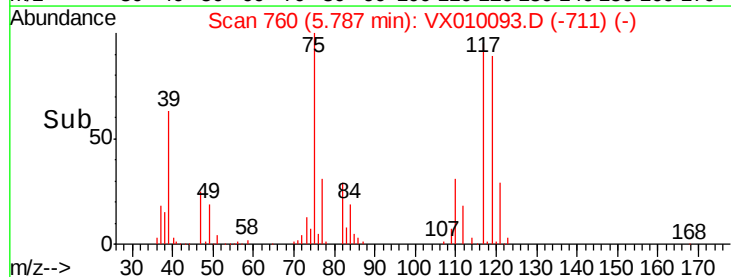
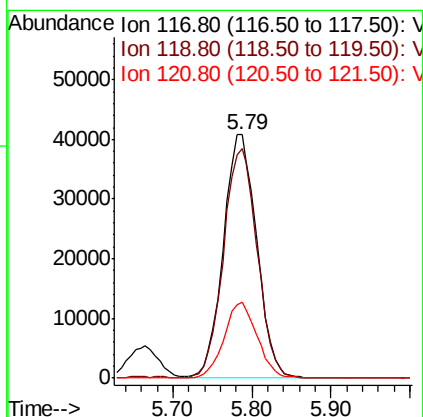
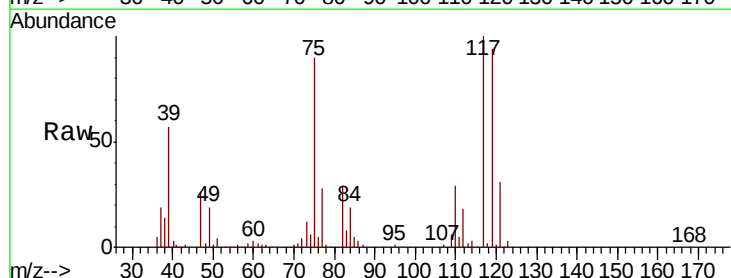
Instrument :
MSVOA_X
ClientSampled :

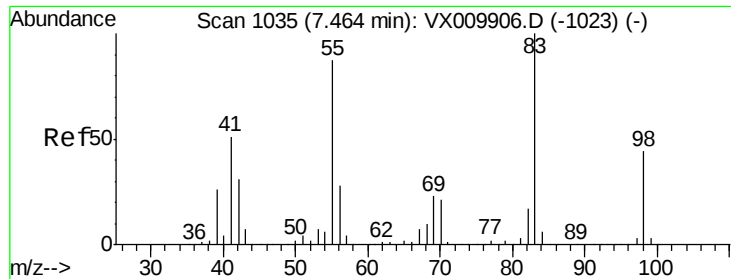
Tot Ion: 43 Resp: 184118
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 53.510 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 117 Resp: 120039
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 31.2 25.4 38.0

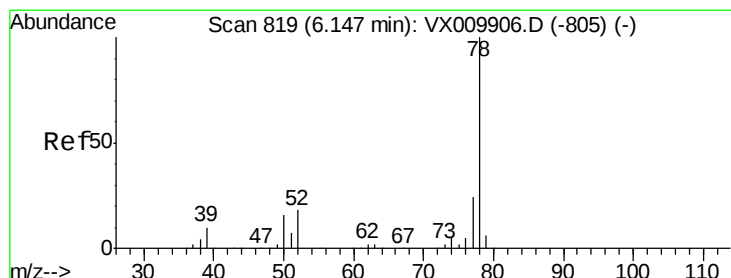
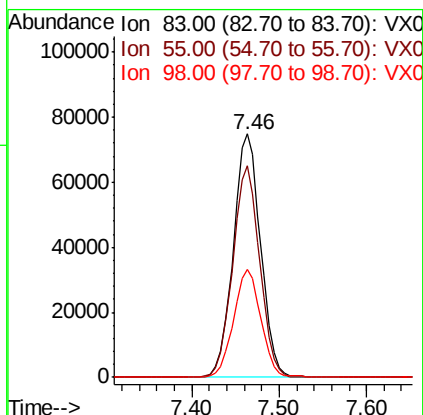
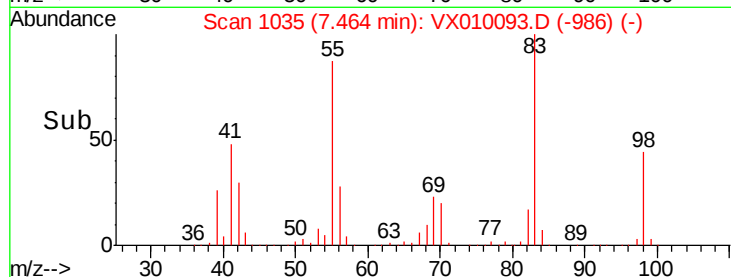
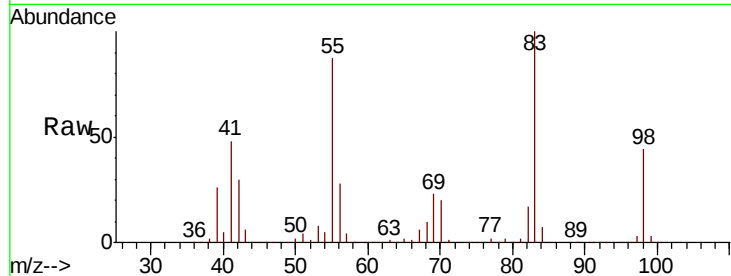




#39
Methvlcvclohexane
Concen: 52.636 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

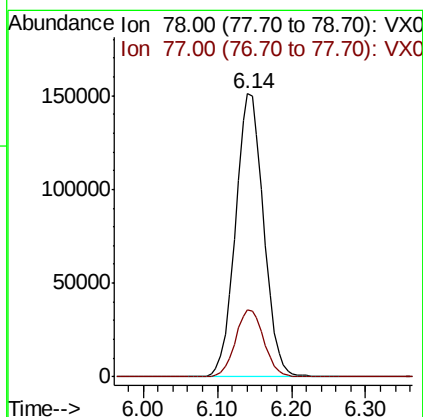
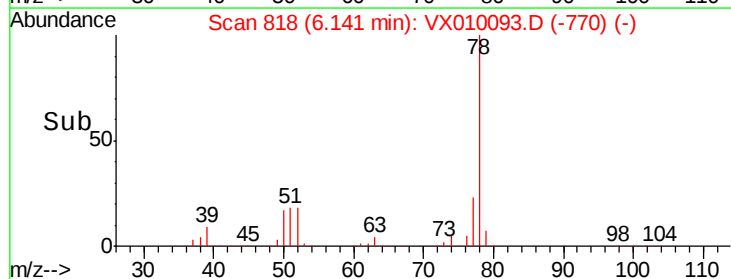
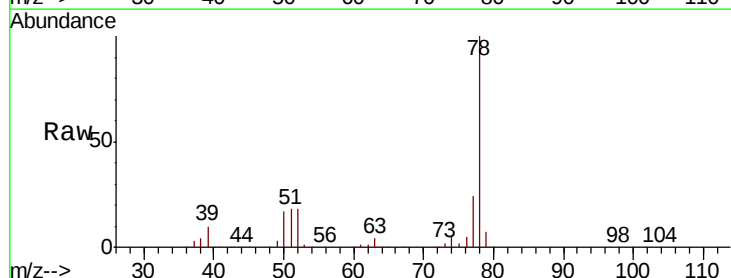
Instrument :
MSVOA_X
ClientSampleId :

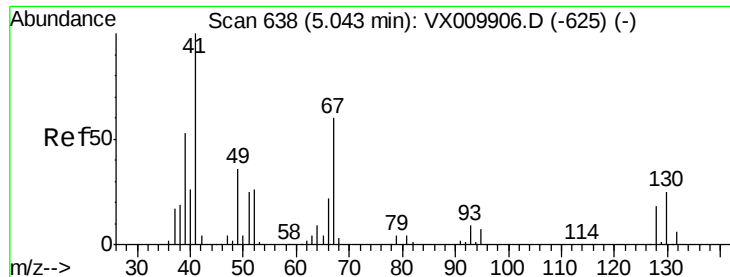
Tot Ion: 83 Resp: 162084
Ion Ratio Lower Upper
83 100
55 86.8 69.9 104.9
98 44.2 35.1 52.7



#40
Benzene
Concen: 51.945 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 78 Resp: 400026
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 49.182 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 103954

Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.4
67	62.4	48.9	73.3
52	27.0	20.1	30.1

Abundance

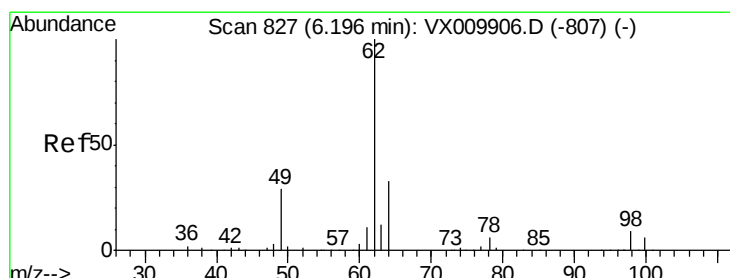
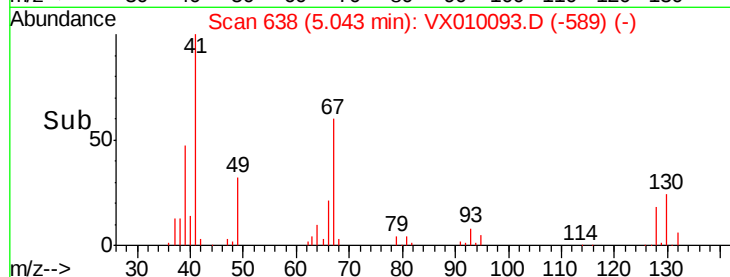
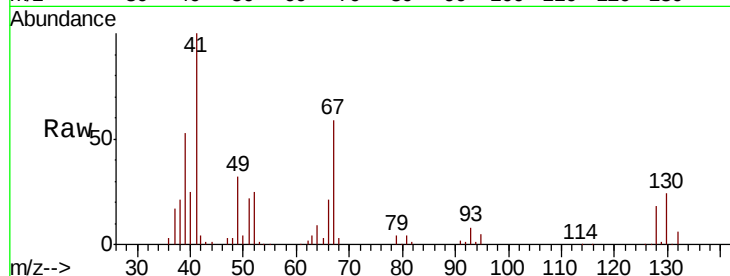
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 50.450 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Tgt Ion: 62 Resp: 143630

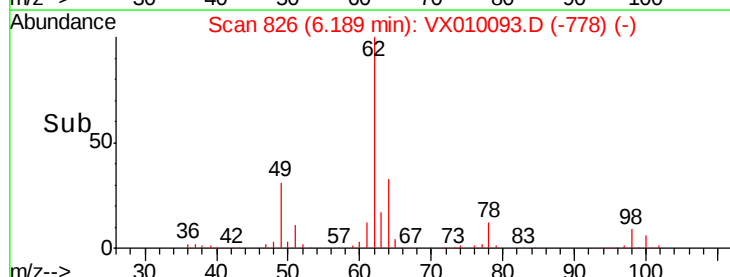
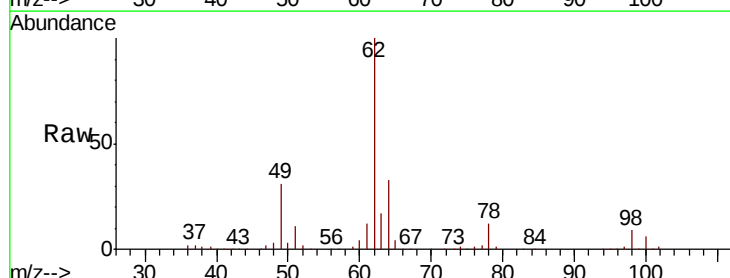
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

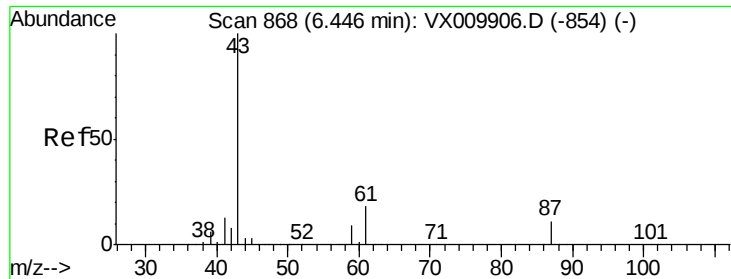
Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->



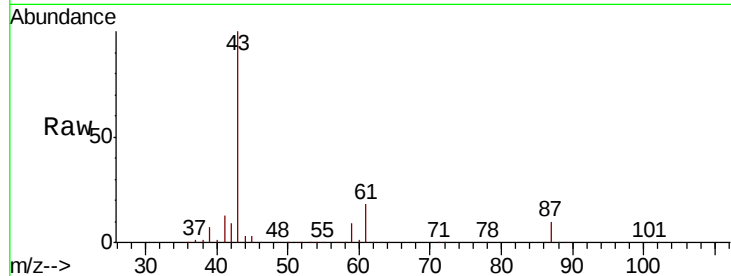


#43

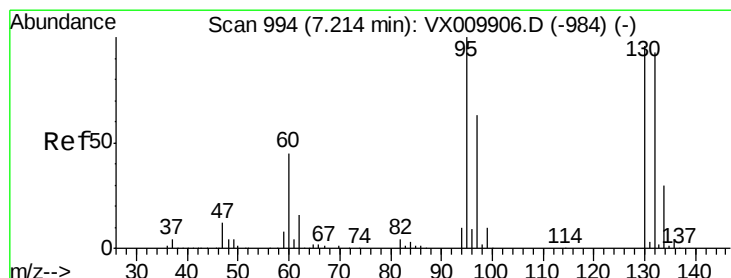
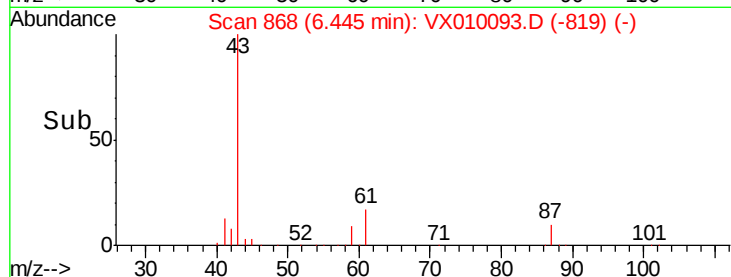
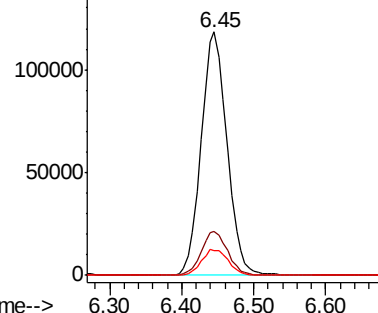
Isopropyl Acetate
 Concen: 50.388 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 294088
 Ion Ratio Lower Upper
 43 100
 61 18.5 14.6 21.8
 87 11.2 8.7 13.1



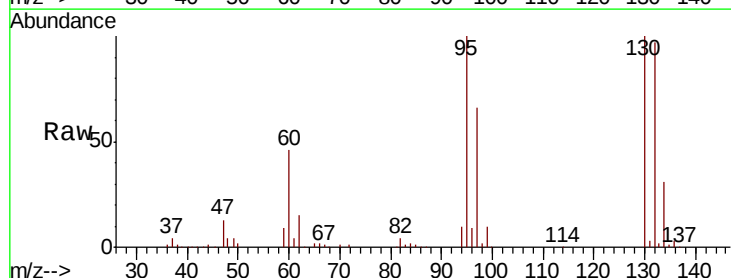
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



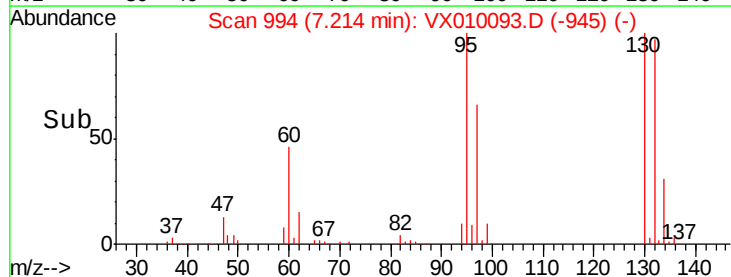
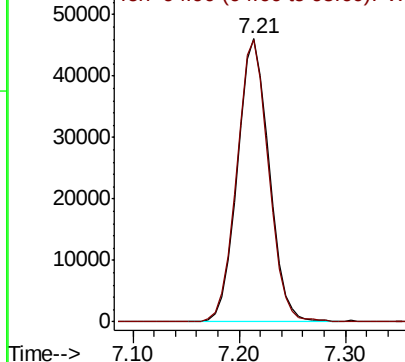
#44

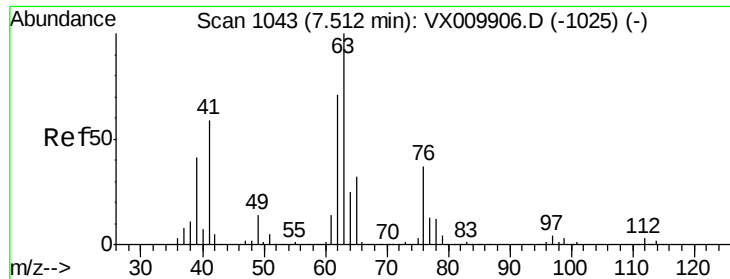
Trichloroethene
 Concen: 51.610 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion:130 Resp: 96541
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 50.538 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

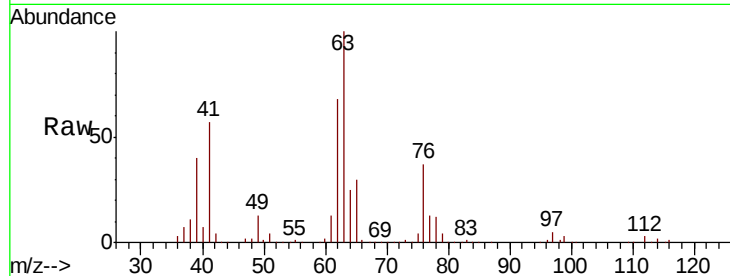
ClientSampled :

Tot Ion: 63 Resp: 112034

Ion Ratio Lower Upper

63 100

65 29.7 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

20000

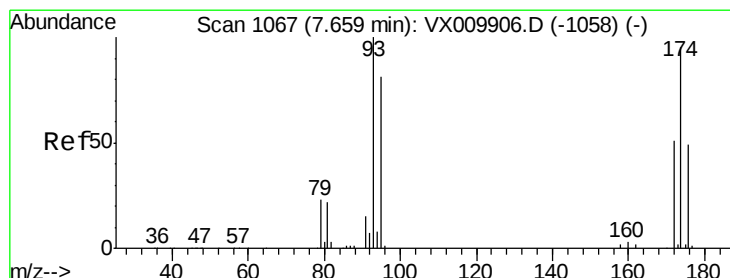
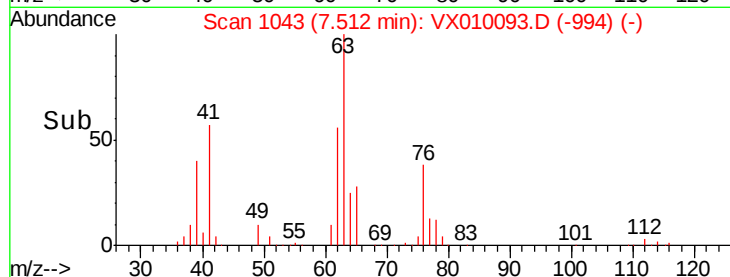
10000

0

7.51

7.30 7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 50.052 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

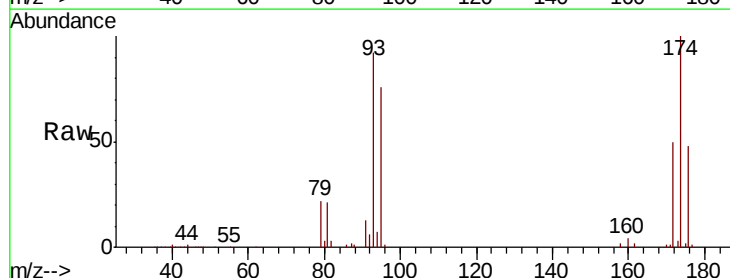
Tgt Ion: 93 Resp: 65312

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

174 106.3 81.9 122.9



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

50000

40000

30000

20000

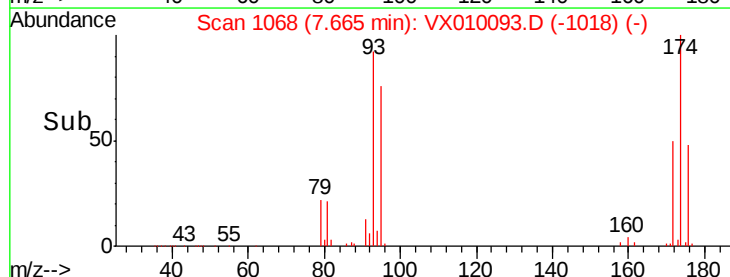
10000

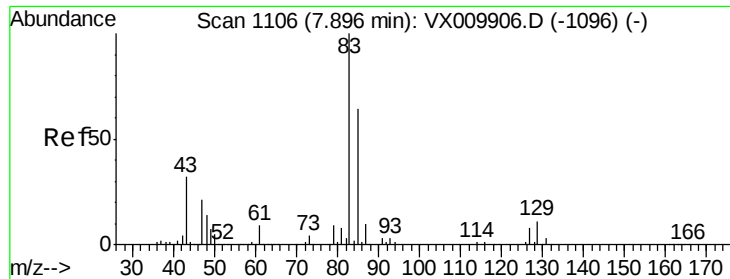
0

7.66

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 53.490 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

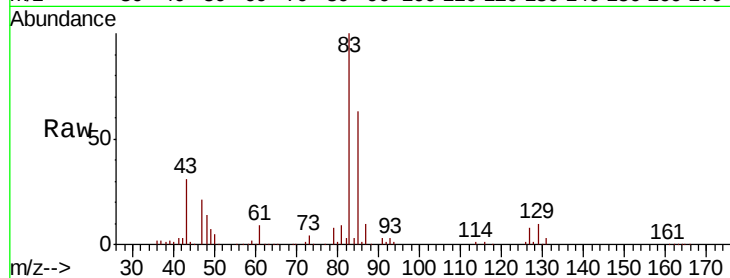
Tot Ion: 83 Resp: 132730

Ion Ratio Lower Upper

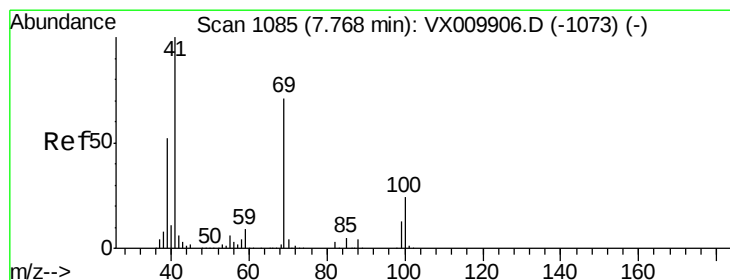
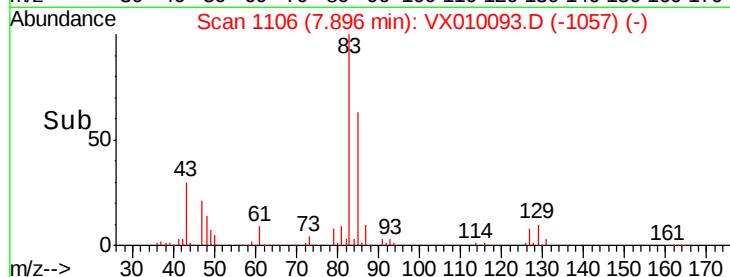
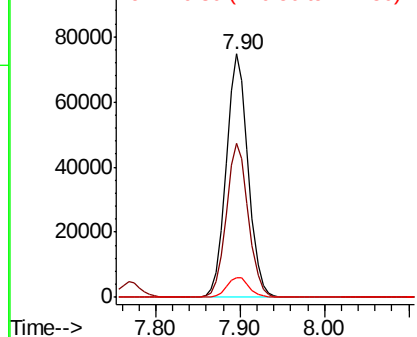
83 100

85 63.3 51.4 77.2

127 8.0 6.4 9.6



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: 51.765 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

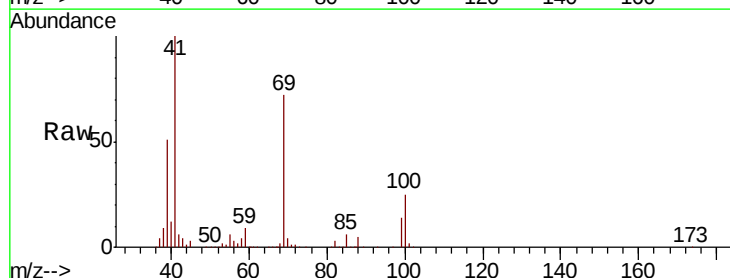
Tgt Ion: 41 Resp: 149563

Ion Ratio Lower Upper

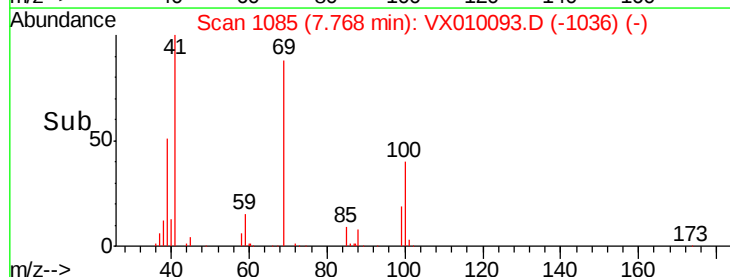
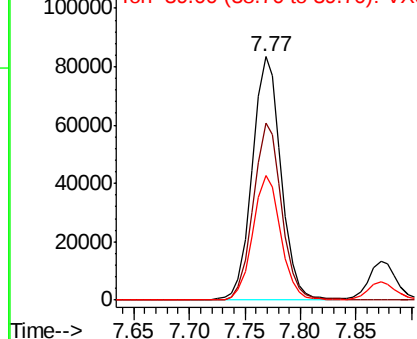
41 100

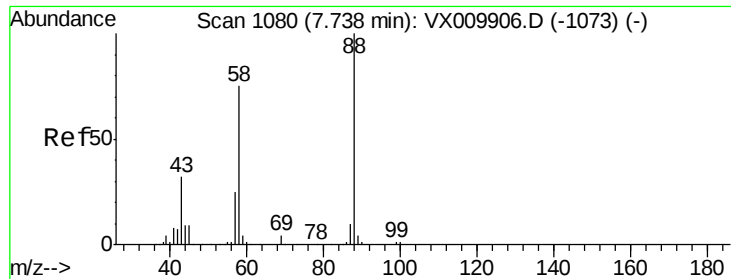
69 72.5 56.4 84.6

39 50.3 40.6 60.8



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: 961.870 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

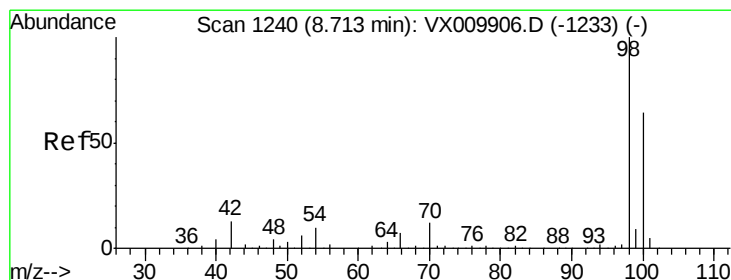
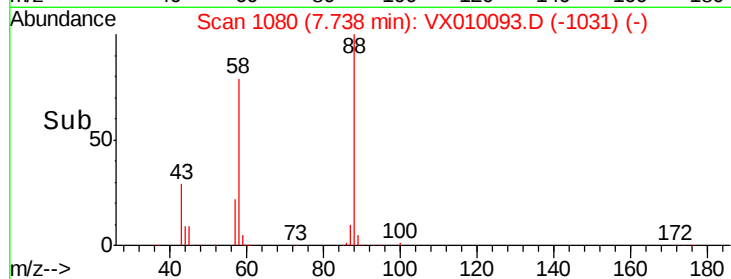
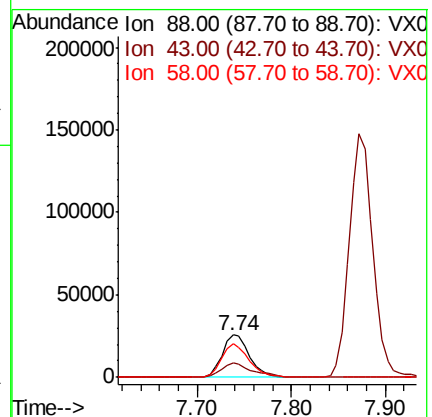
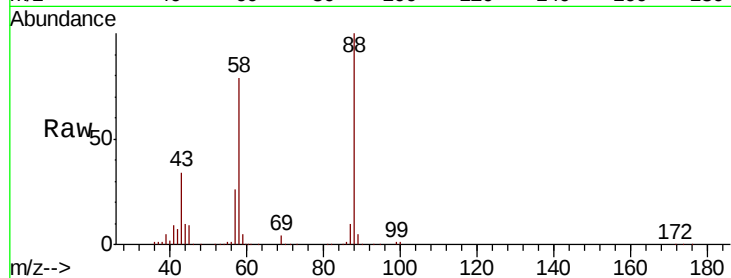
Tot Ion: 88 Resp: 51694

Ion Ratio Lower Upper

88 100

43 38.5 30.2 45.4

58 80.0 64.0 96.0



#50

Toluene-d8

Concen: 48.020 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010093.D

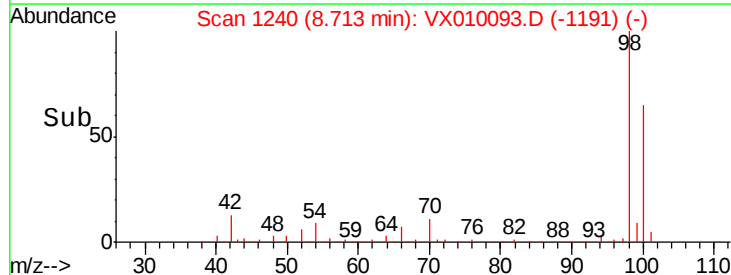
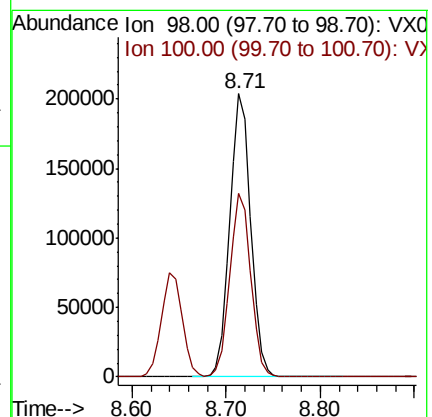
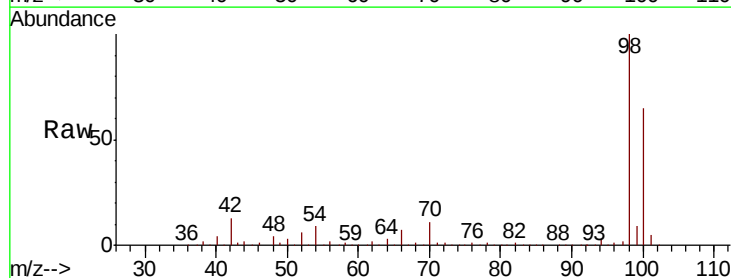
Acq: 05 Jun 2019 22:18

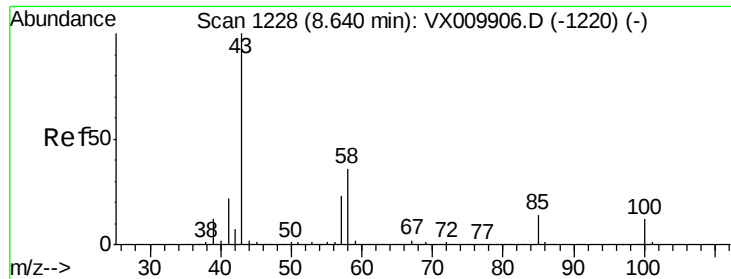
Tgt Ion: 98 Resp: 313676

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 246.935 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

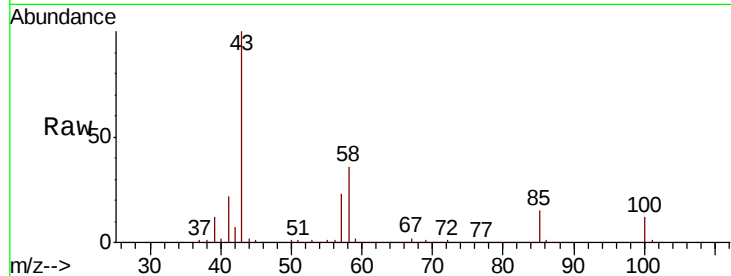
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 937544

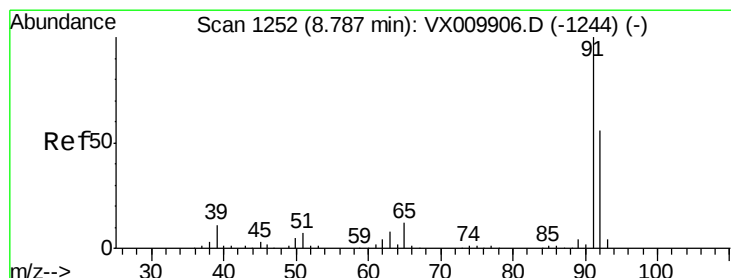
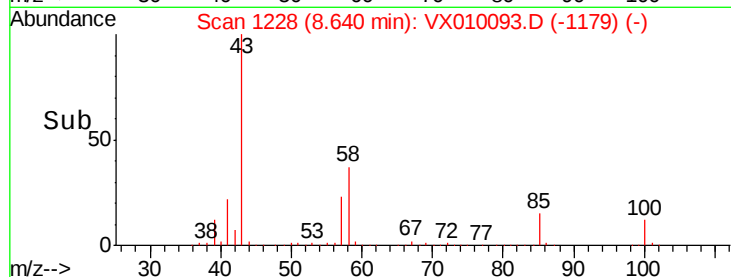
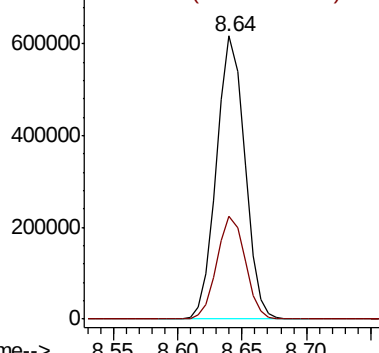
Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2



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



#52

Toluene

Concen: 52.853 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010093.D

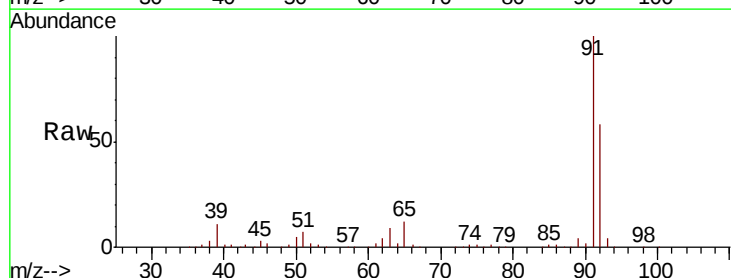
Acq: 05 Jun 2019 22:18

Tgt Ion: 92 Resp: 247126

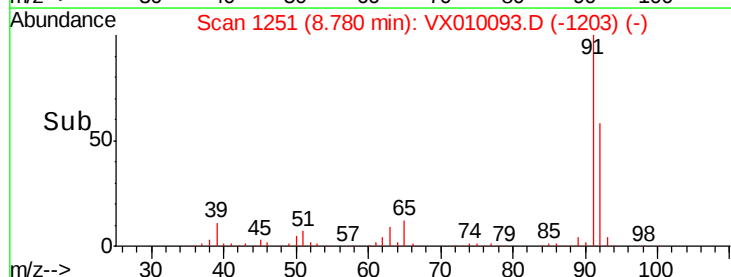
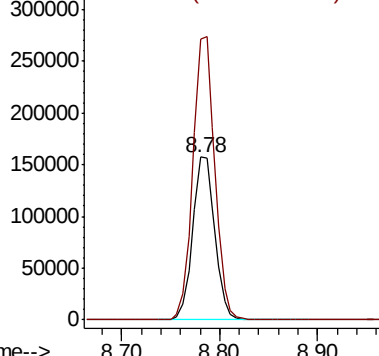
Ion Ratio Lower Upper

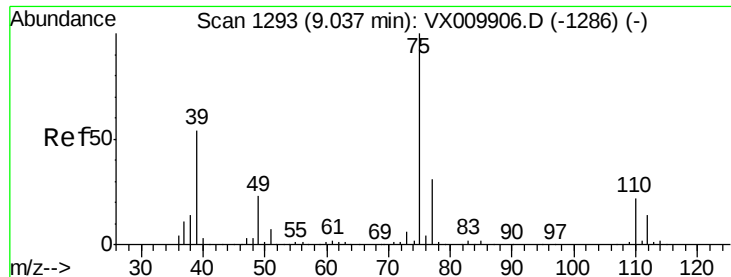
92 100

91 171.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

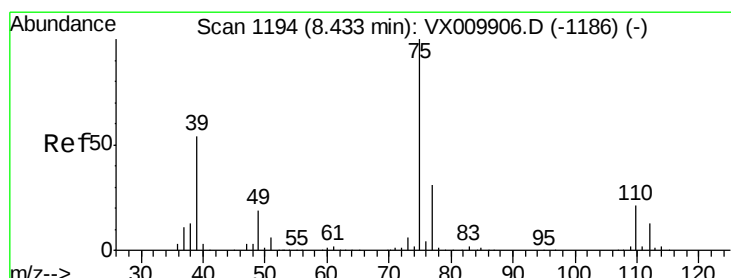
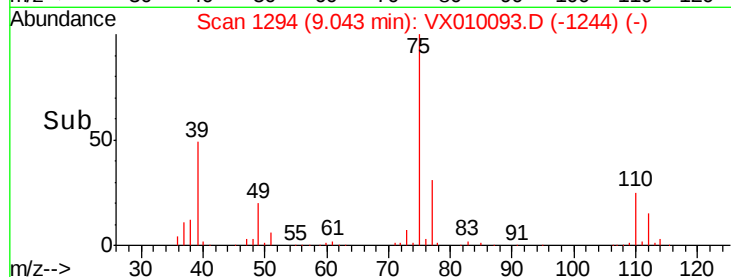
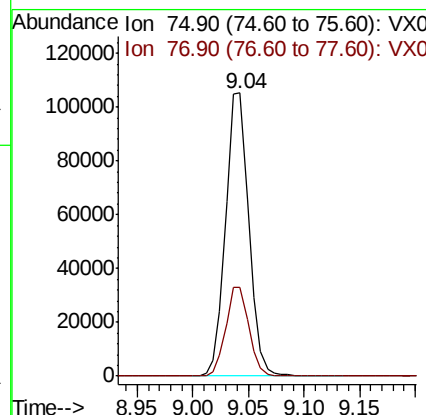
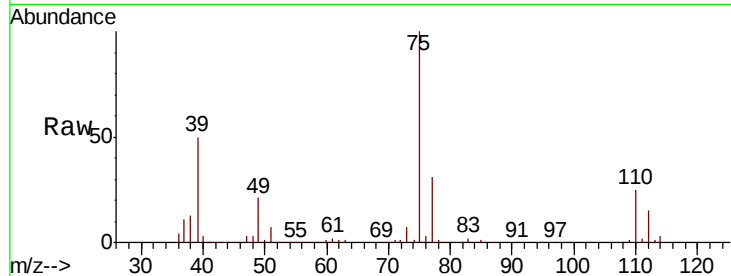




#53
 t-1,3-Dichloropropene
 Concen: 51.151 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

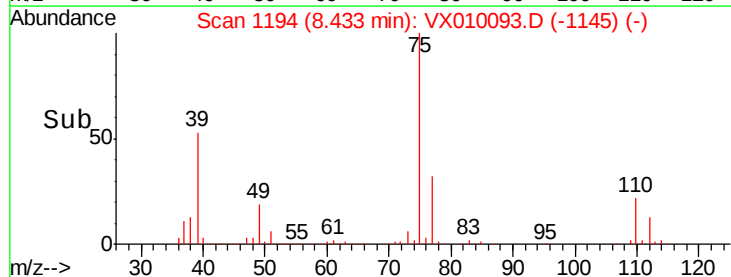
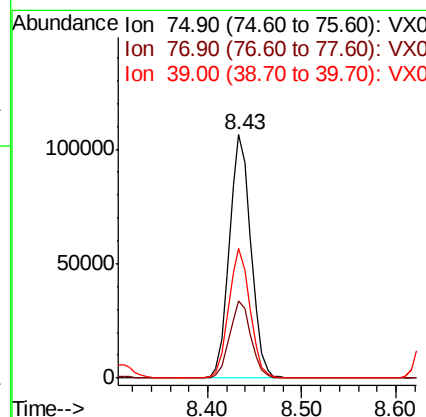
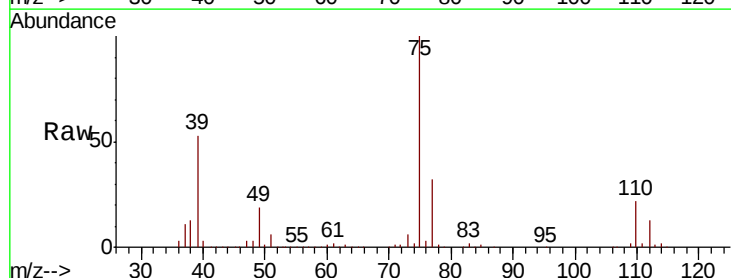
Instrument :
 MSVOA_X
 ClientSampled :

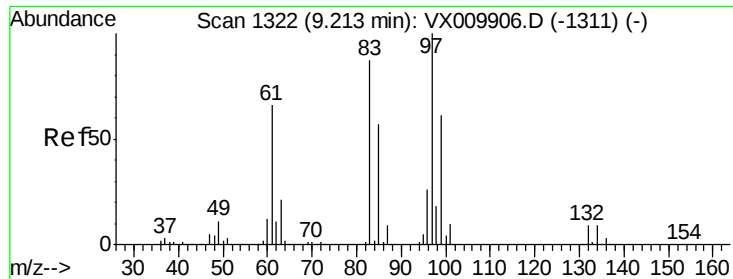
Tot Ion: 75 Resp: 152221
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.965 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion: 75 Resp: 168492
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 52.9 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 51.926 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 97721

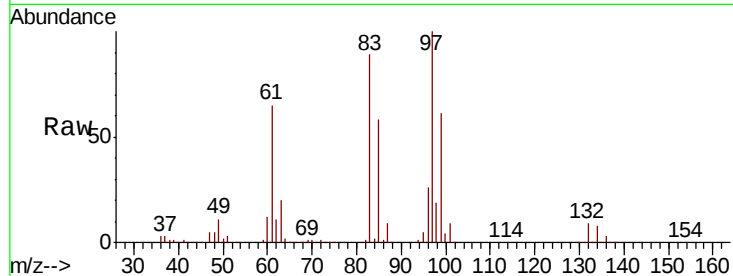
Ion Ratio Lower Upper

97 100

83 88.7 69.8 104.8

85 58.0 45.3 67.9

99 61.4 49.0 73.4

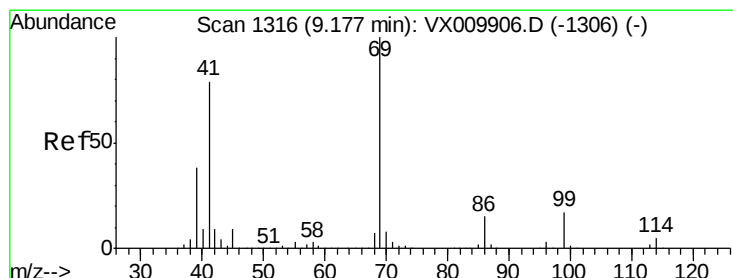
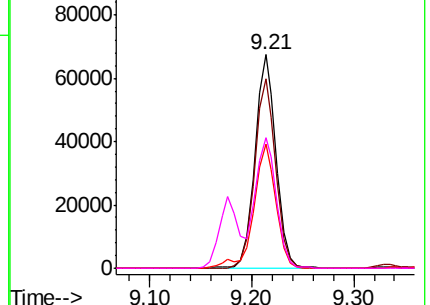
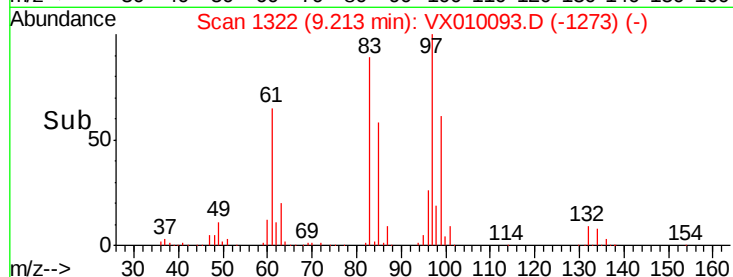


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.265 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

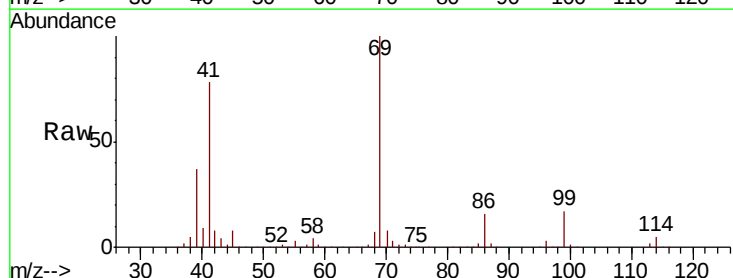
Tgt Ion: 69 Resp: 178459

Ion Ratio Lower Upper

69 100

41 77.4 62.7 94.1

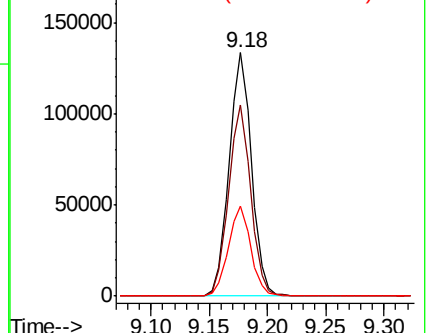
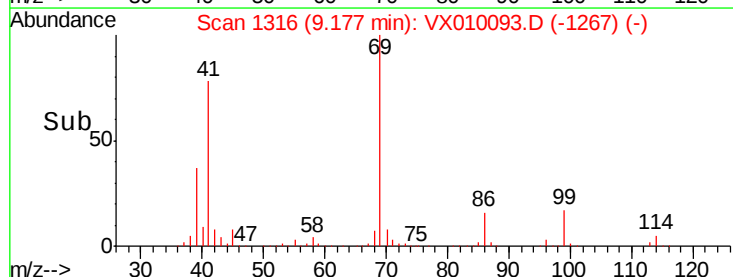
39 37.0 29.5 44.3

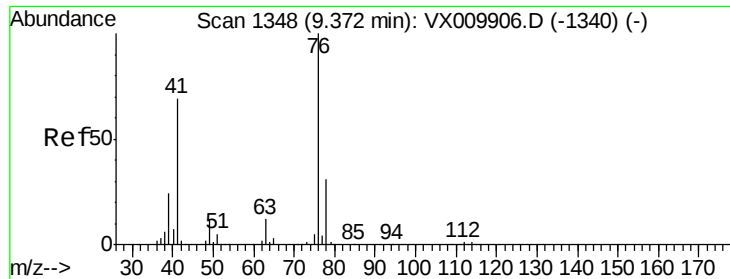


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.039 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

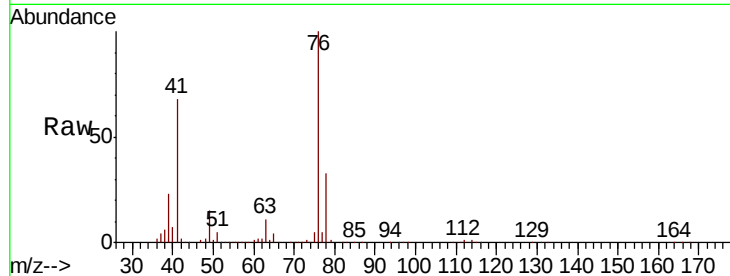
ClientSampled :

Tot Ion: 76 Resp: 172498

Ion Ratio Lower Upper

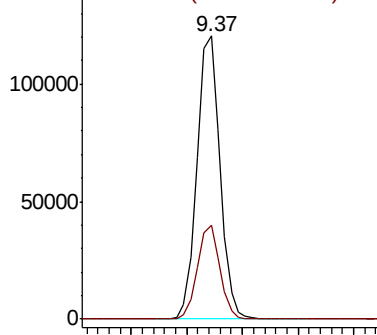
76 100

78 32.4 25.4 38.0

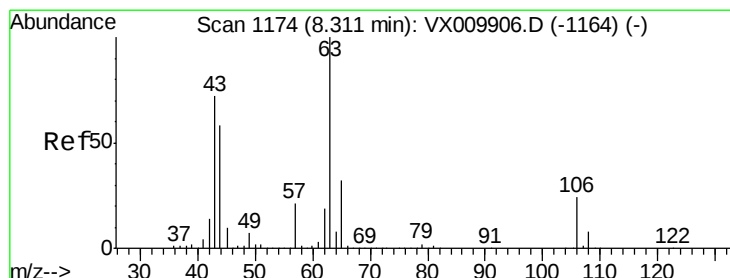
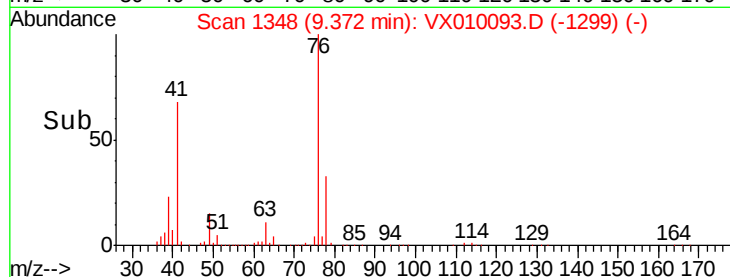


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.889 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010093.D

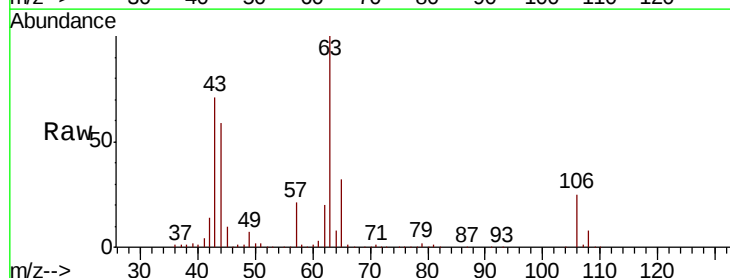
Acq: 05 Jun 2019 22:18

Tgt Ion: 63 Resp: 430236

Ion Ratio Lower Upper

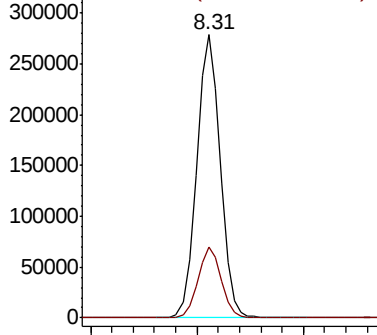
63 100

106 24.8 19.4 29.2

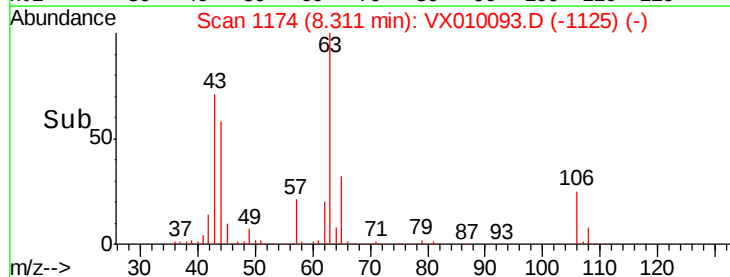


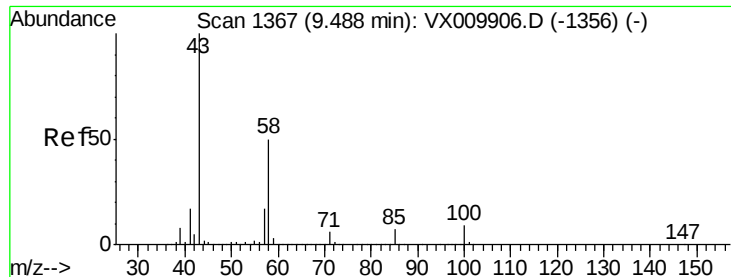
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

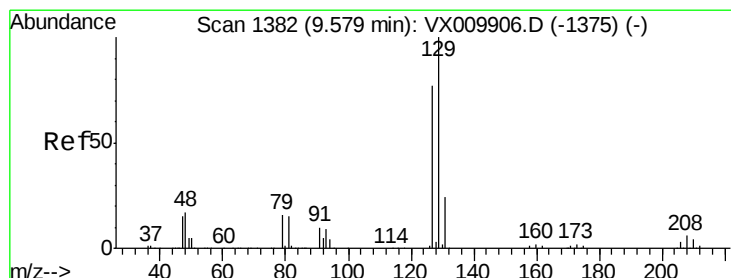
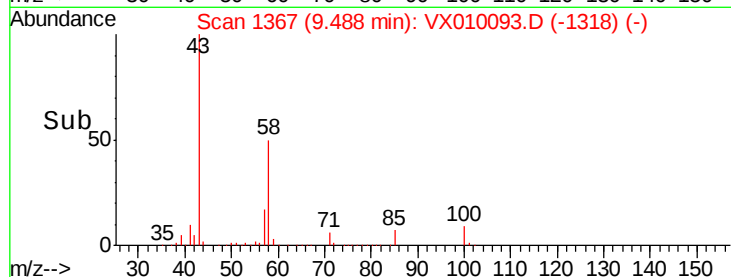
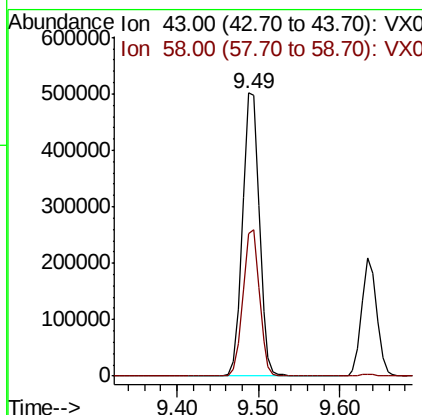
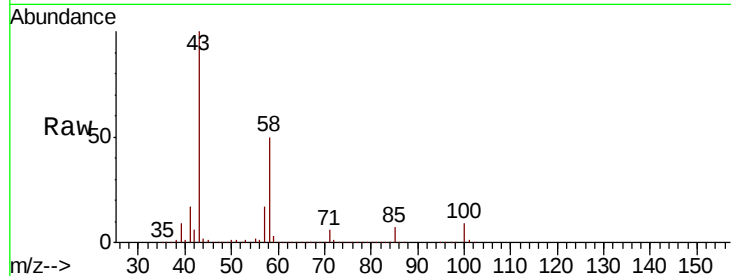




#59
2-Hexanone
Concen: 242.067 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

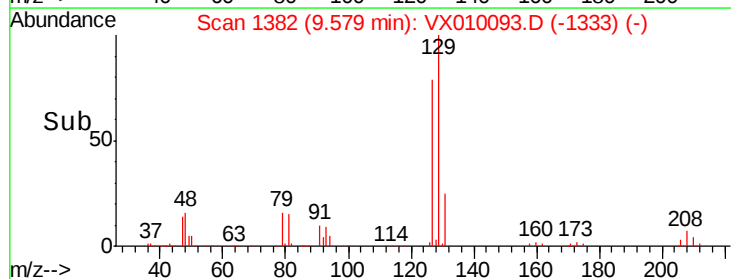
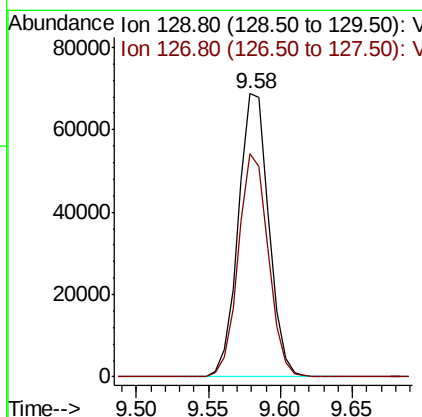
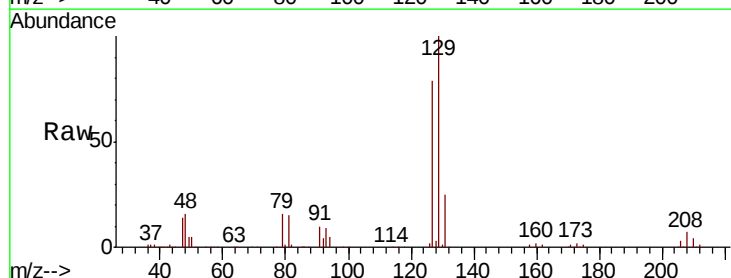
Instrument :
MSVOA_X
ClientSampled :

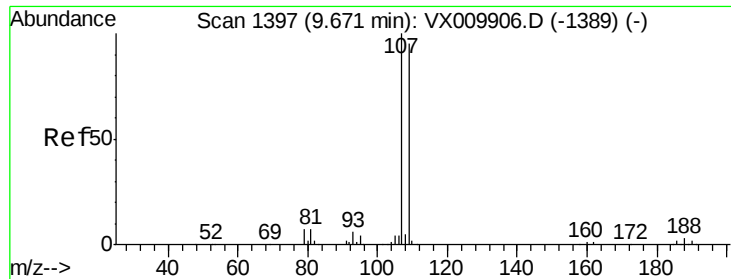
Tot Ion: 43 Resp: 707587
Ion Ratio Lower Upper
43 100
58 51.0 25.1 75.3



#60
Dibromochloromethane
Concen: 54.616 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 129 Resp: 101107
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.969 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

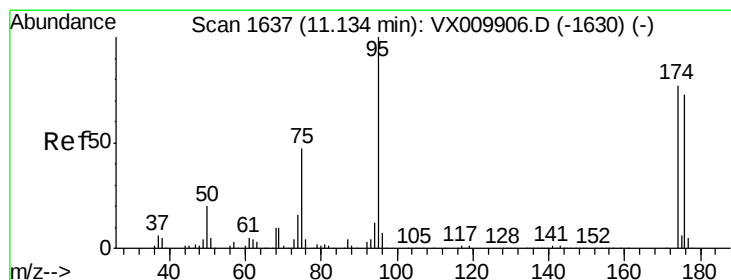
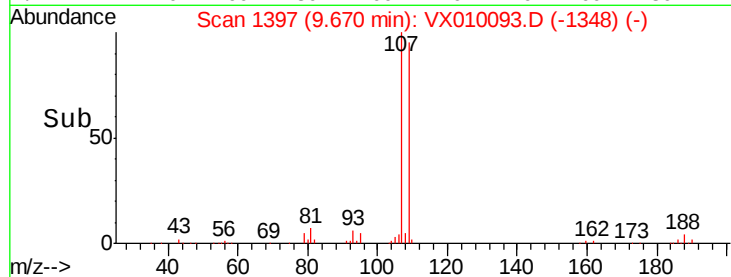
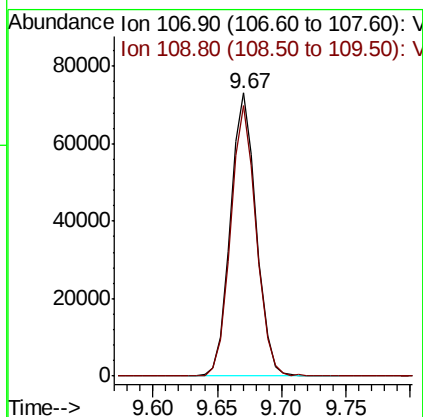
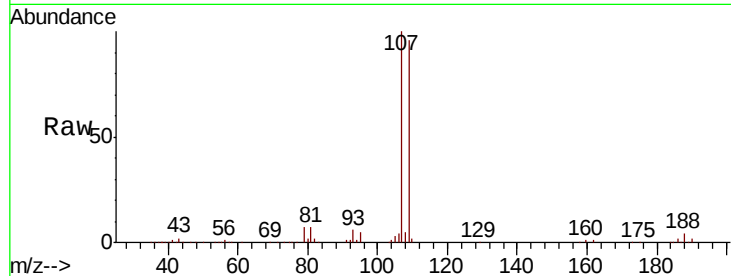
ClientSampleId :

Tot Ion:107 Resp: 102409

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 47.860 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

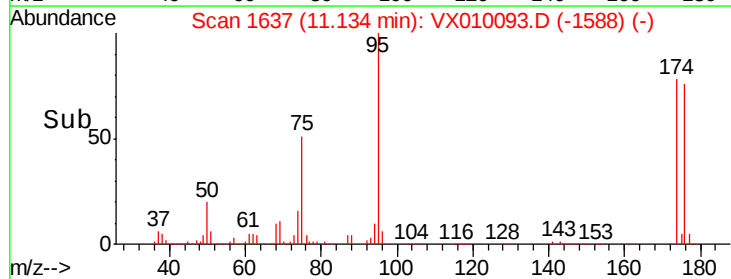
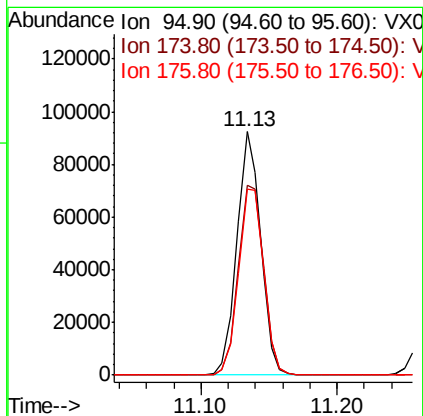
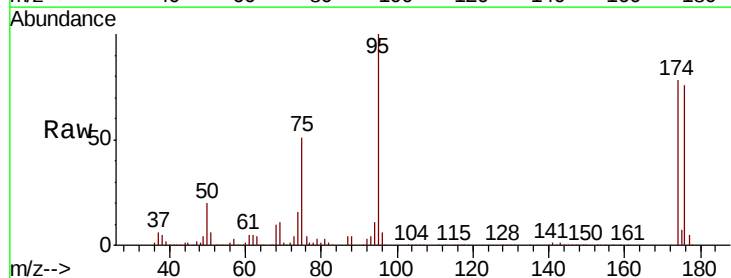
Tgt Ion: 95 Resp: 112291

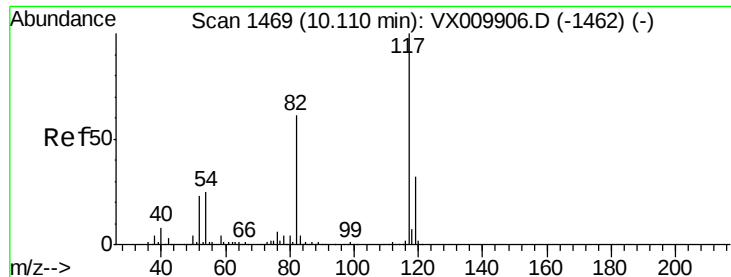
Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

176 81.2 0.0 154.6

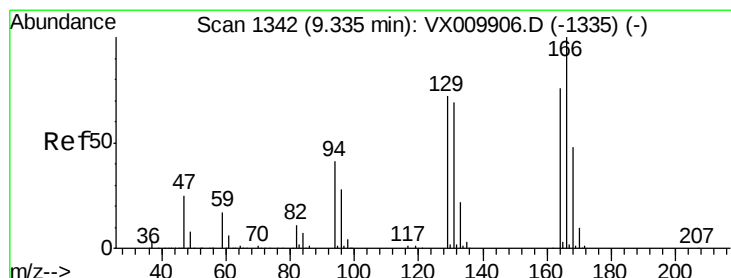
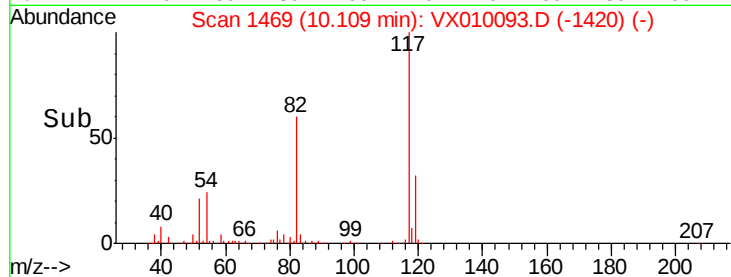
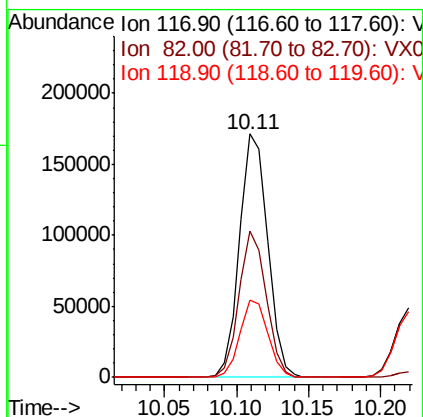
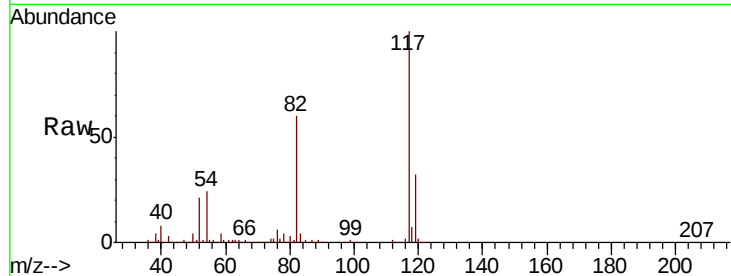




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

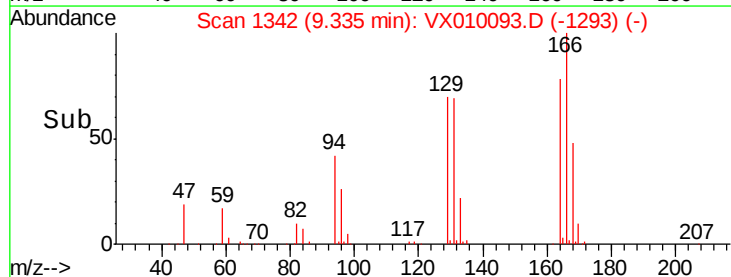
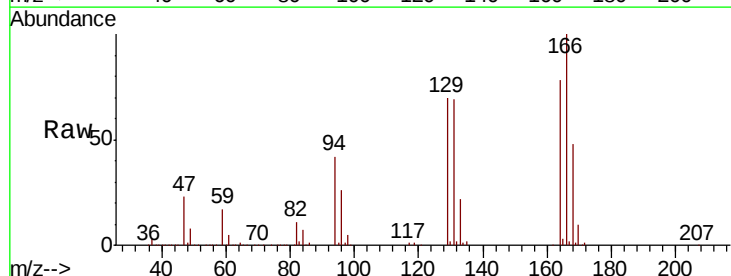
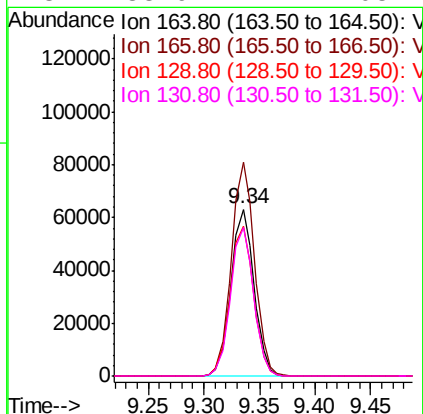
Instrument :
MSVOA_X
ClientSampleId :

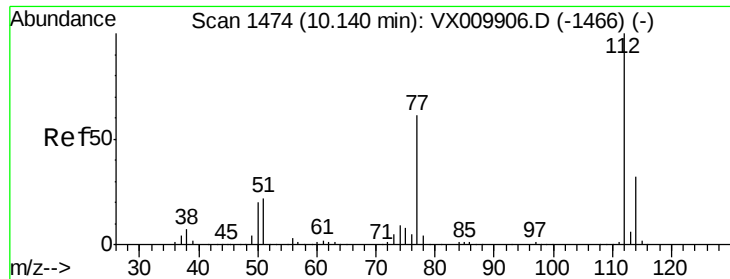
Tot Ion:117 Resp: 233611
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 55.545 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:164 Resp: 90636
Ion Ratio Lower Upper
164 100
166 128.2 105.0 157.4
129 90.1 75.1 112.7
131 88.9 72.2 108.4

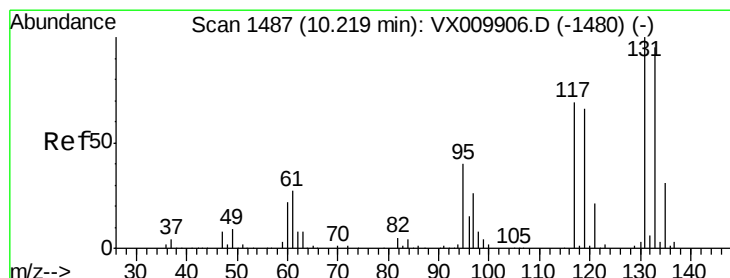
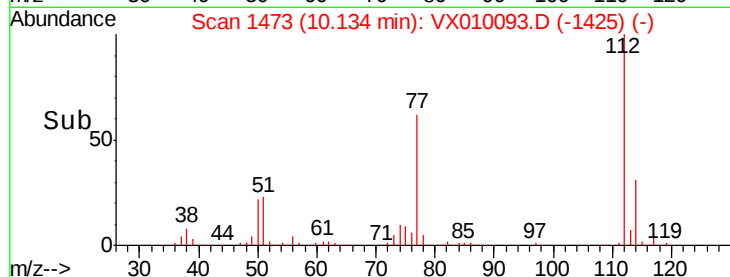
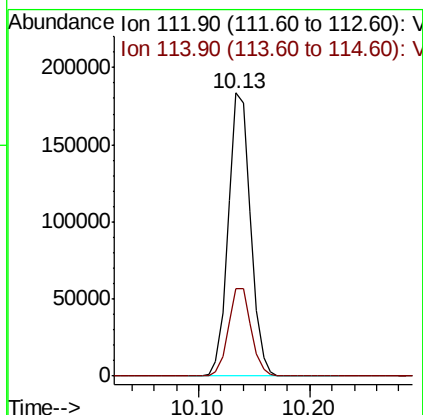
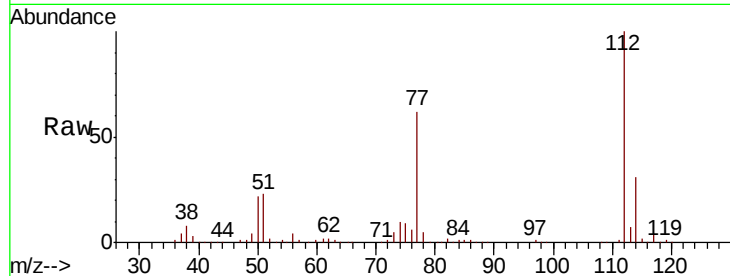




#65
Chlorobenzene
Concen: 51.710 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

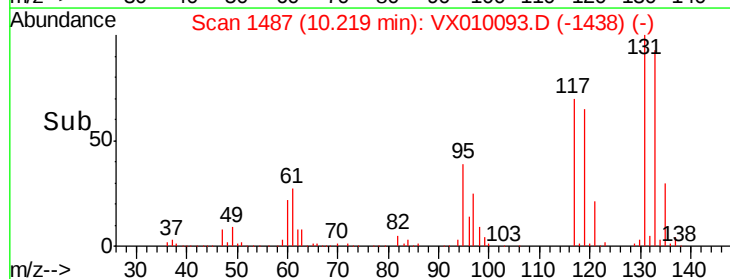
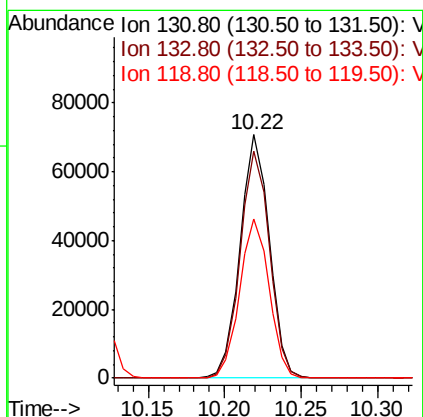
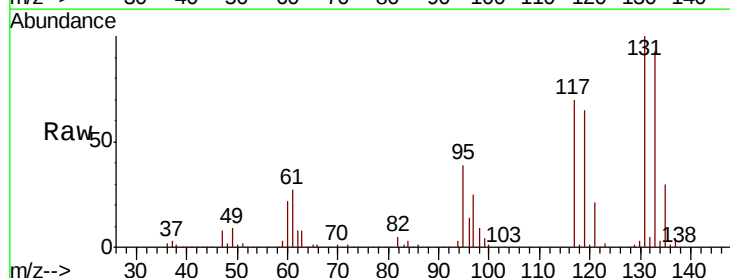
Instrument :
MSVOA_X
ClientSampled :

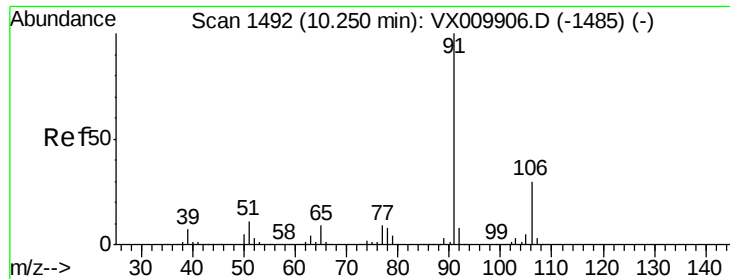
Tot Ion:112 Resp: 252895
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.376 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:131 Resp: 93934
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 66.0 33.4 100.1

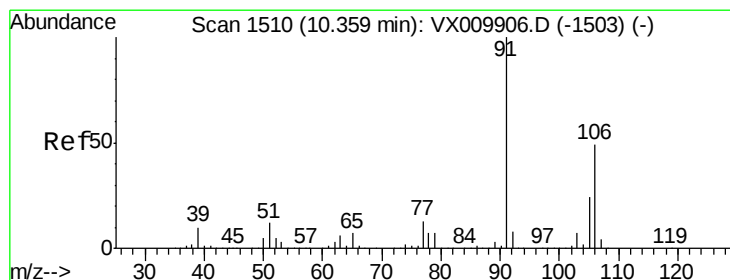
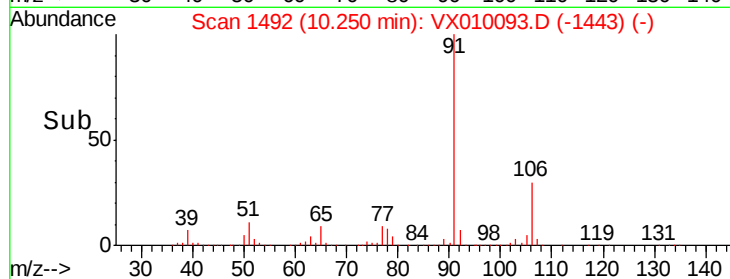
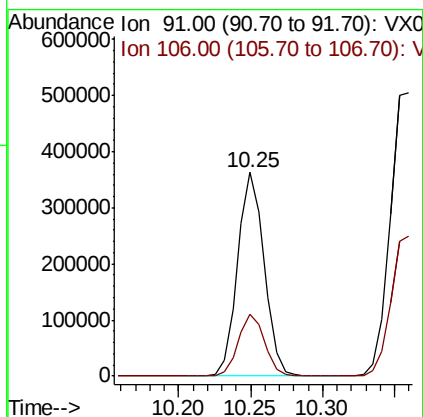
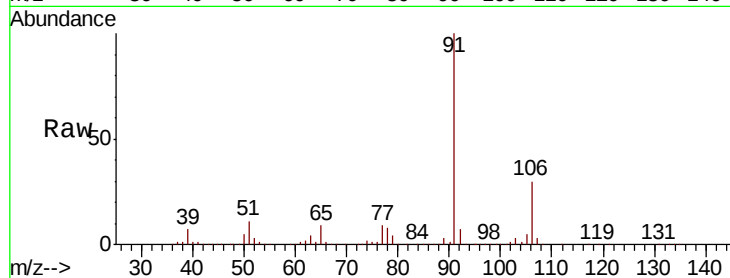




#67
Ethyl Benzene
Concen: 53.004 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

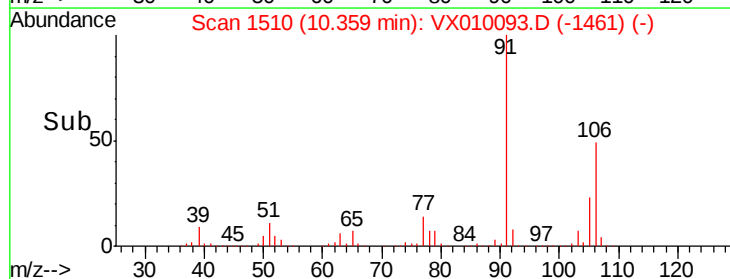
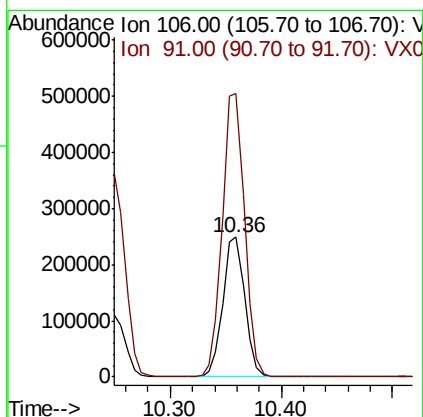
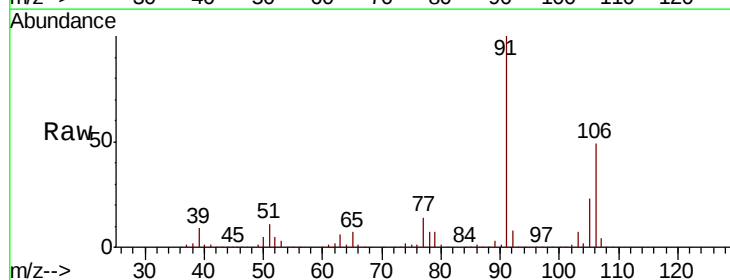
Instrument :
MSVOA_X
ClientSampled :

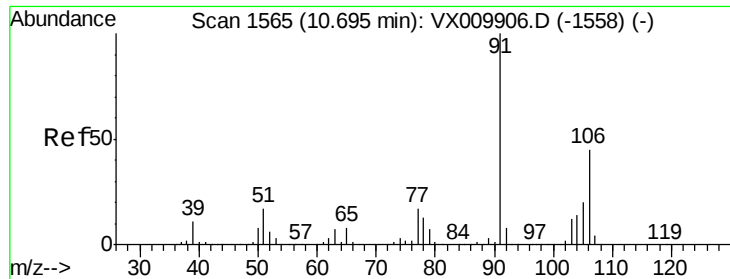
Tot Ion: 91 Resp: 465445
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 104.439 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 106 Resp: 338811
Ion Ratio Lower Upper
106 100
91 207.4 167.3 250.9

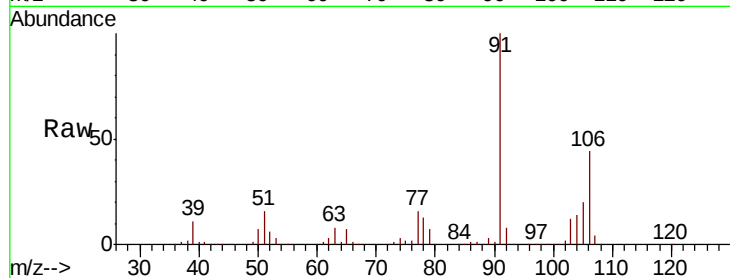




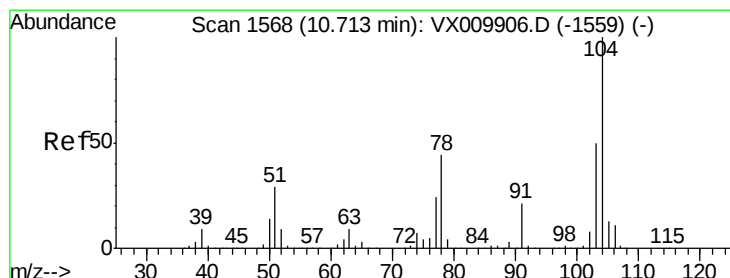
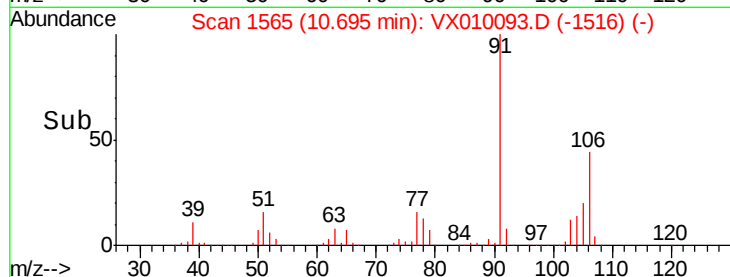
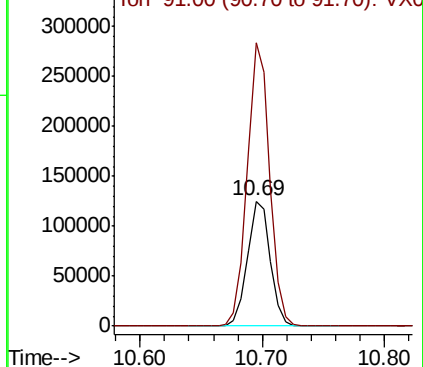
#69
o-Xylene
Concen: 52.433 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 163133
Ion Ratio Lower Upper
106 100
91 221.6 110.4 331.2

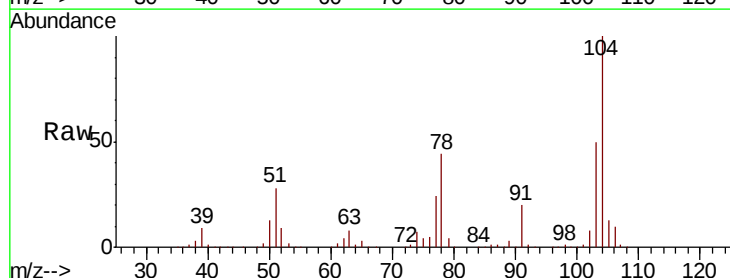


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

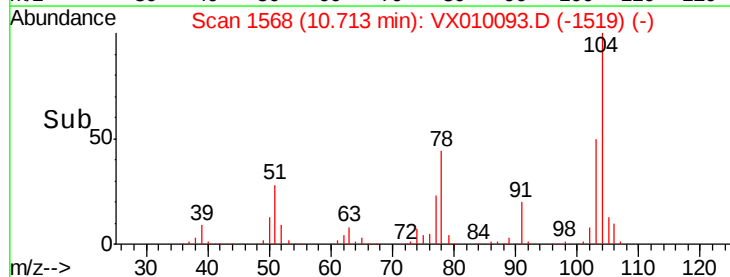
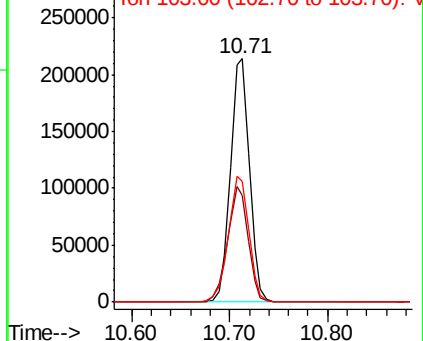


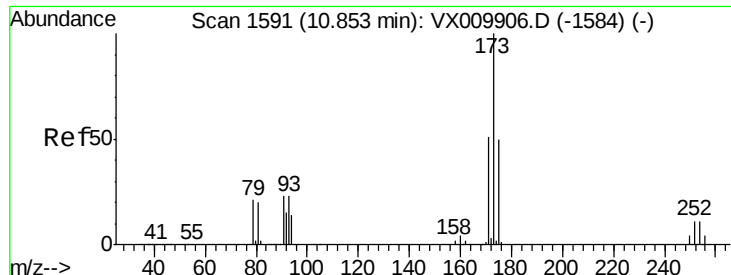
#70
Styrene
Concen: 52.986 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:104 Resp: 289072
Ion Ratio Lower Upper
104 100
78 51.2 42.1 63.1
103 55.6 44.1 66.1



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

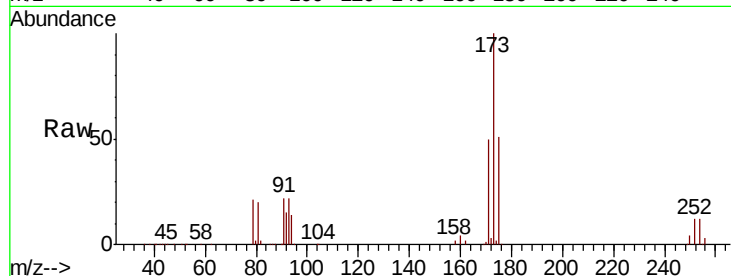




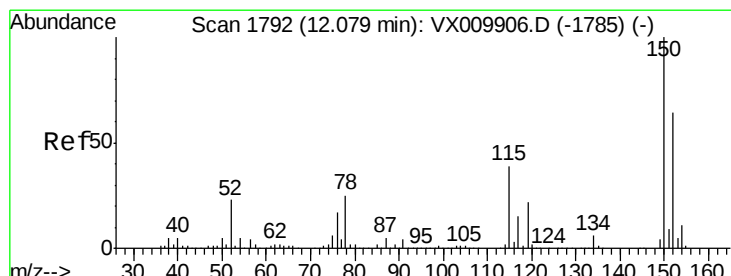
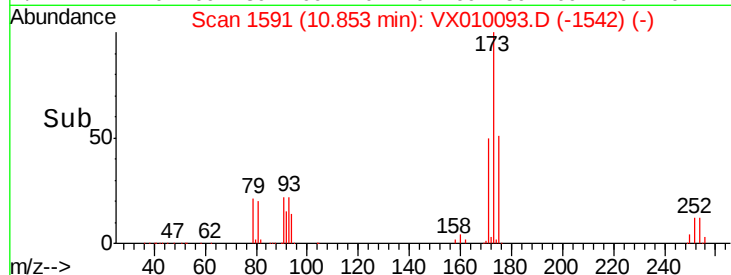
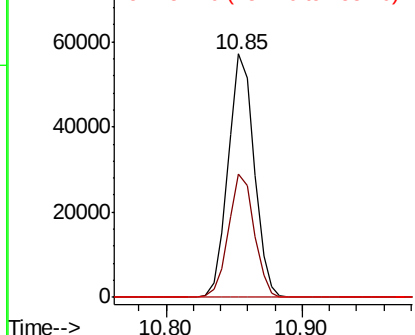
#71
Bromoform
Concen: 54.801 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 75985
Ion Ratio Lower Upper
173 100
175 50.2 25.0 75.0
254 0.2 0.2 0.2

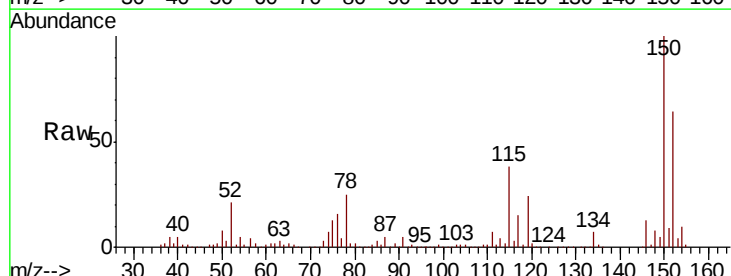


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

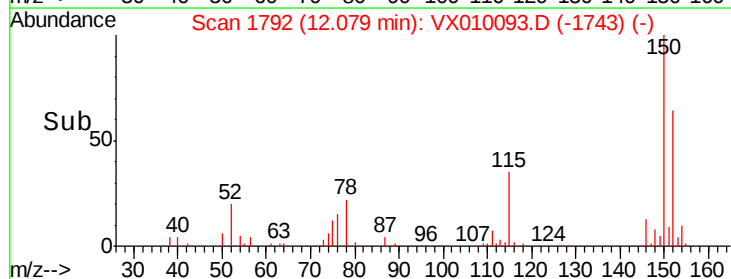
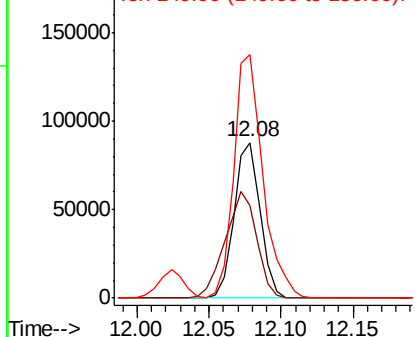


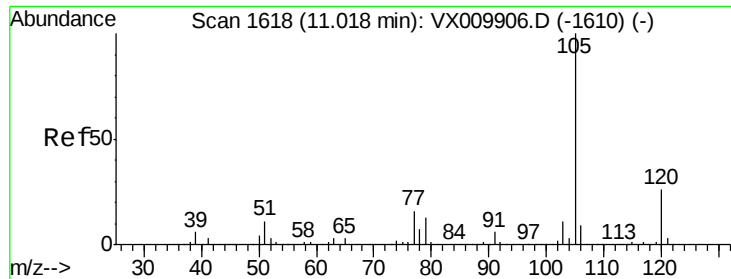
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:152 Resp: 110909
Ion Ratio Lower Upper
152 100
115 83.3 41.4 124.2
150 175.0 0.0 345.2



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: 53.899 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

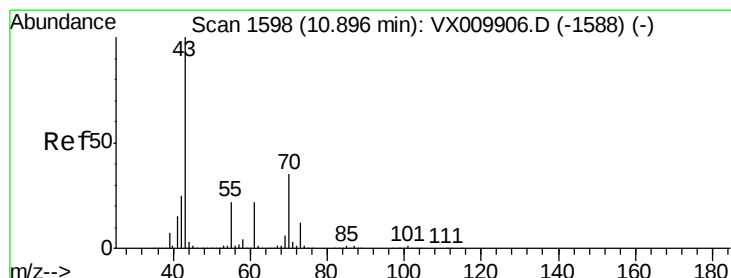
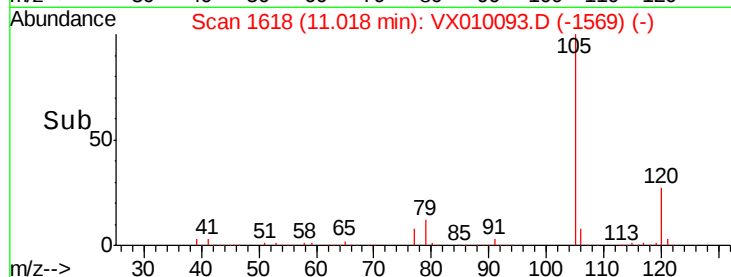
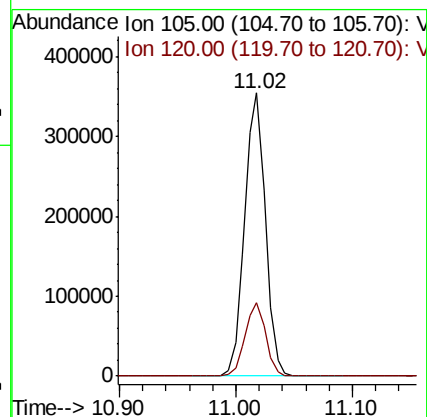
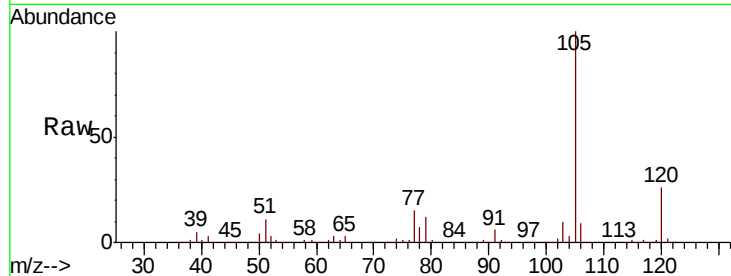
ClientSampleId :

Tot Ion:105 Resp: 441059

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 51.187 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Tgt Ion: 43 Resp: 250299

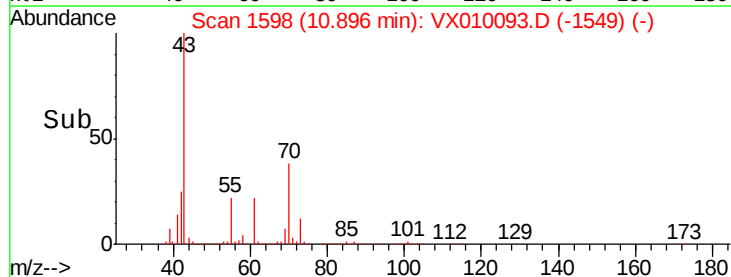
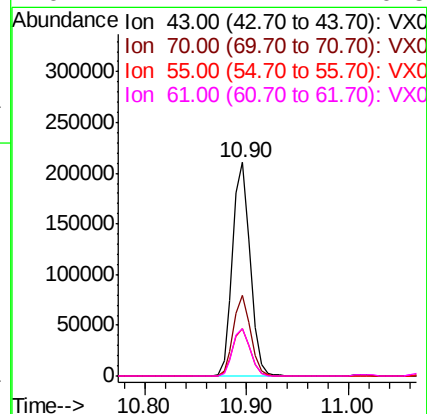
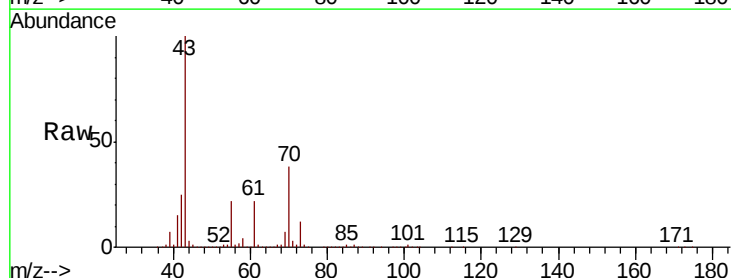
Ion Ratio Lower Upper

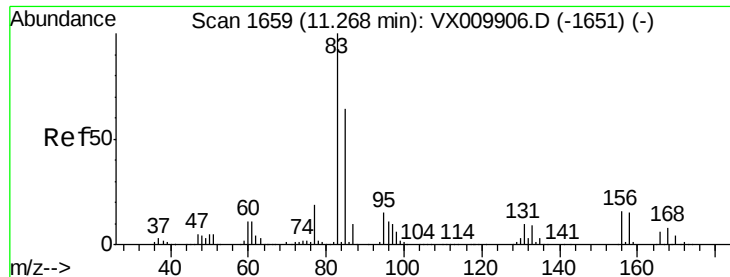
43 100

70 36.9 28.6 43.0

55 22.3 17.8 26.8

61 22.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.182 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

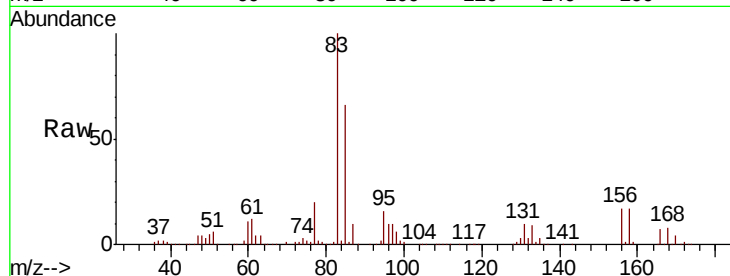
Tot Ion: 83 Resp: 153201

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

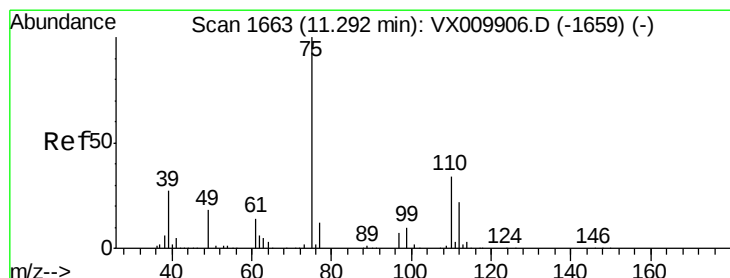
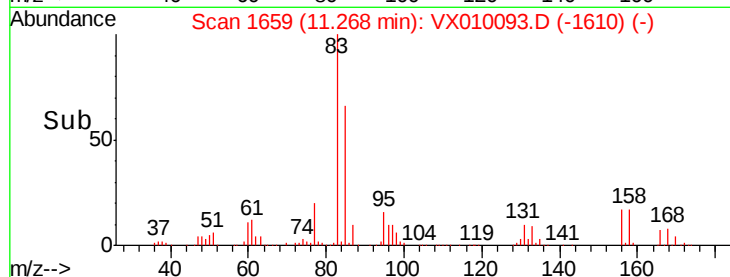
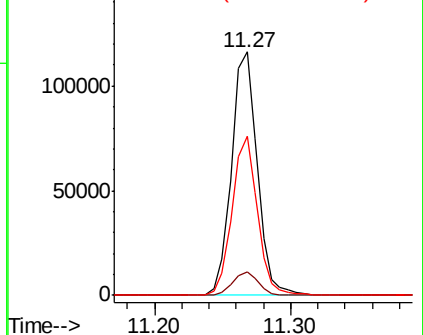
85 64.3 31.9 95.9



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: 69.890 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010093.D

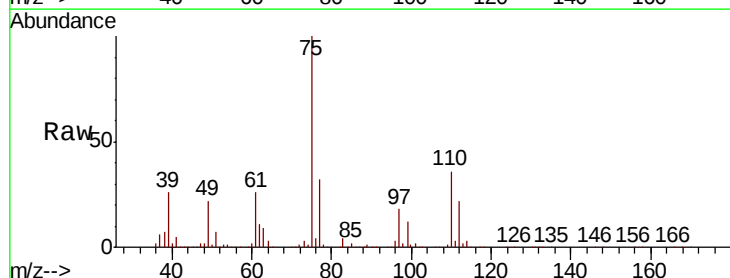
Acq: 05 Jun 2019 22:18

Tgt Ion: 75 Resp: 185361

Ion Ratio Lower Upper

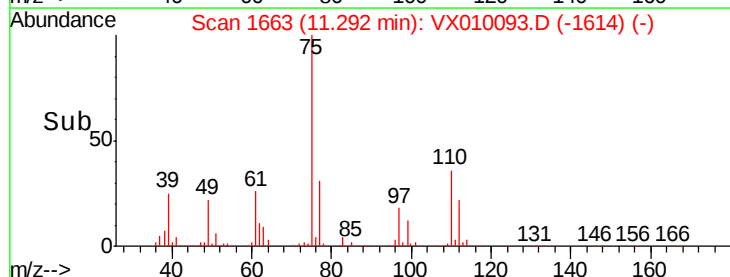
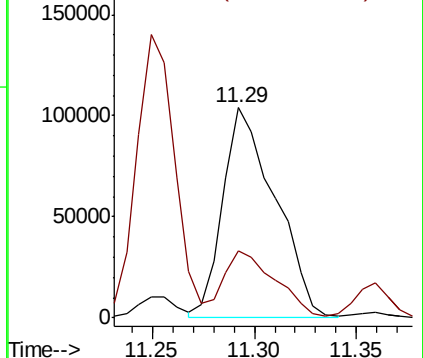
75 100

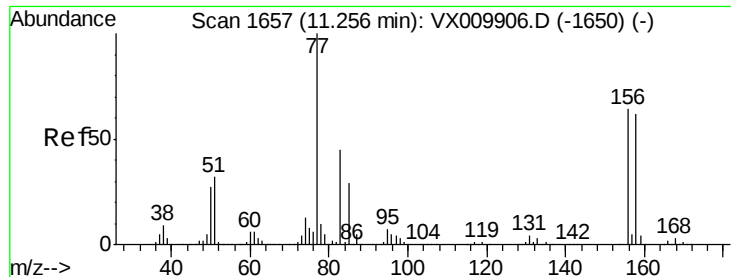
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.845 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

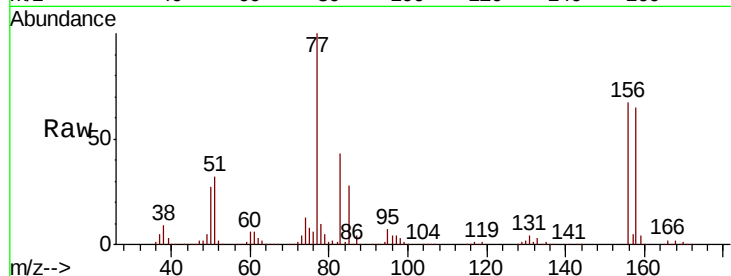
Tot Ion:156 Resp: 110204

Ion Ratio Lower Upper

156 100

77 165.0 86.8 260.3

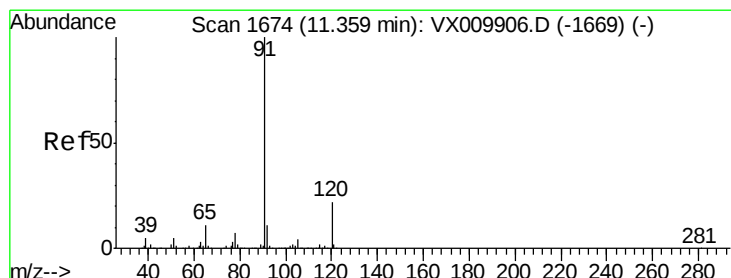
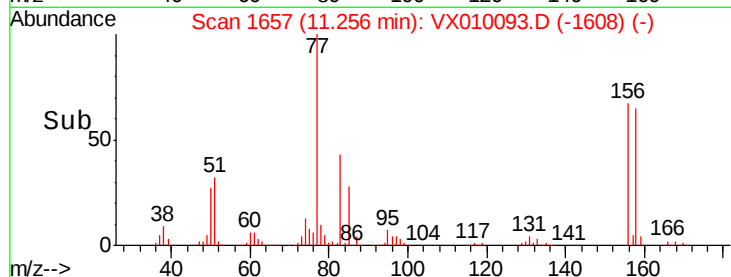
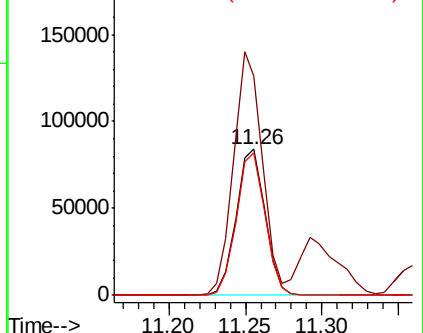
158 96.7 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.627 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010093.D

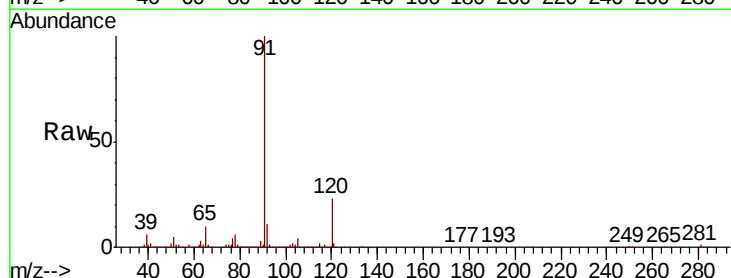
Acq: 05 Jun 2019 22:18

Tgt Ion: 91 Resp: 505833

Ion Ratio Lower Upper

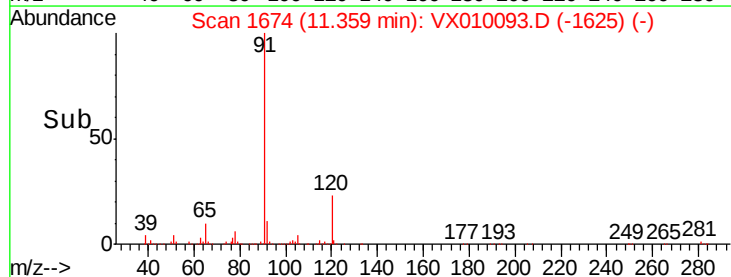
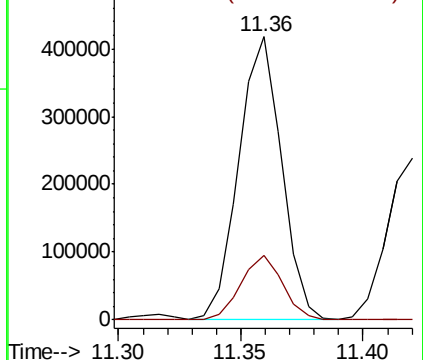
91 100

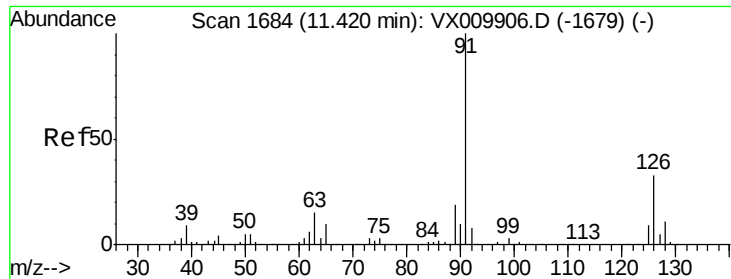
120 22.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

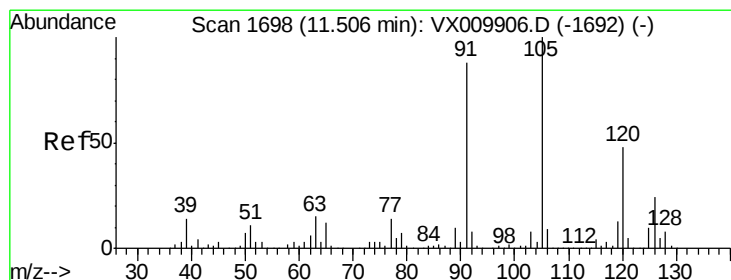
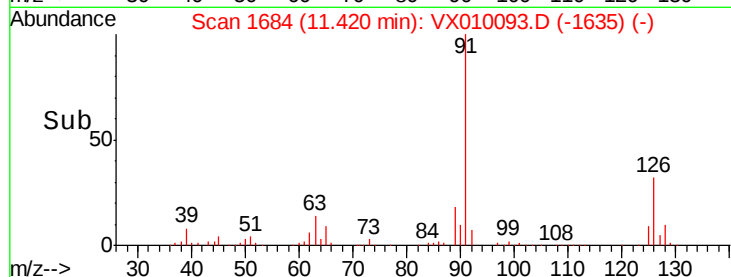
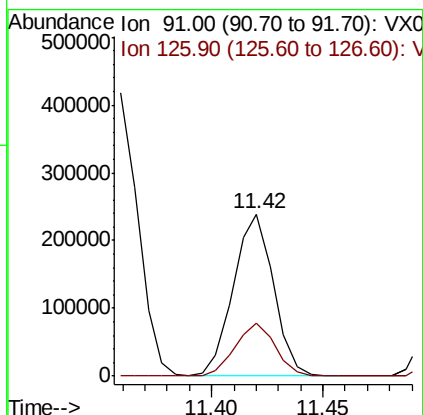
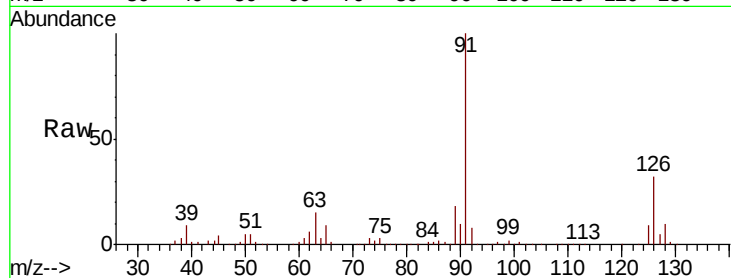




#79
 2-Chlorotoluene
 Concen: 52.178 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

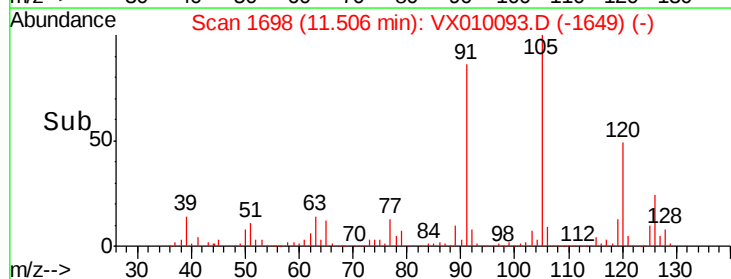
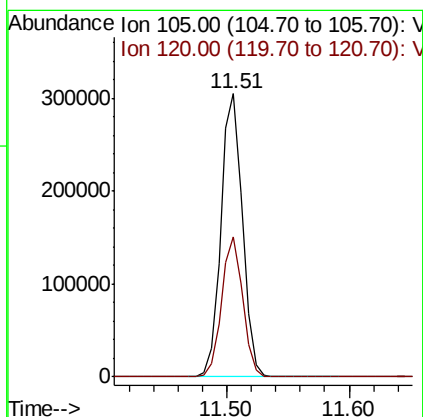
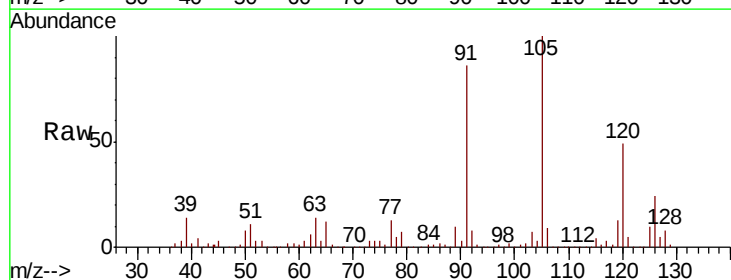
Instrument :
 MSVOA_X
 ClientSampled :

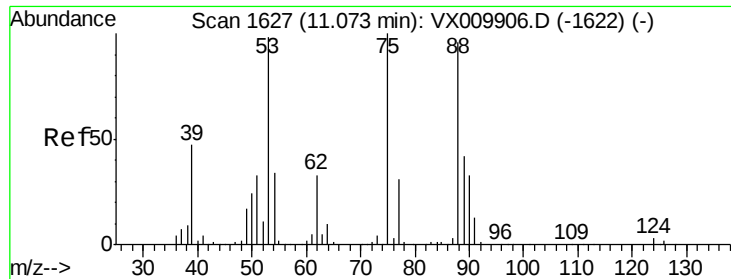
Tot Ion: 91 Resp: 300697
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.875 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion: 105 Resp: 371411
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.168 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

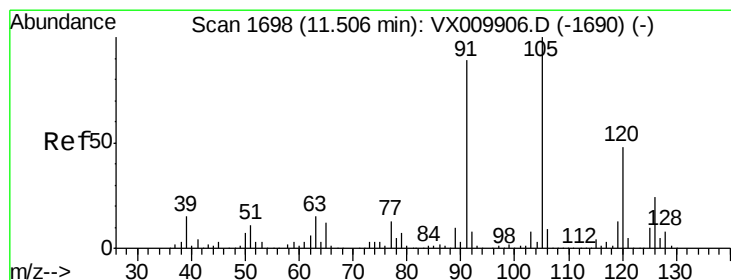
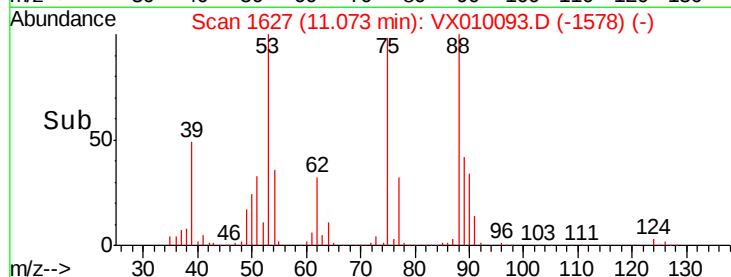
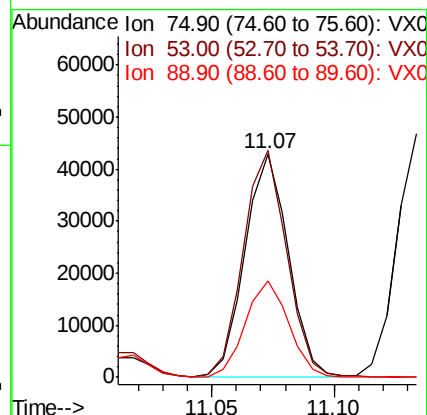
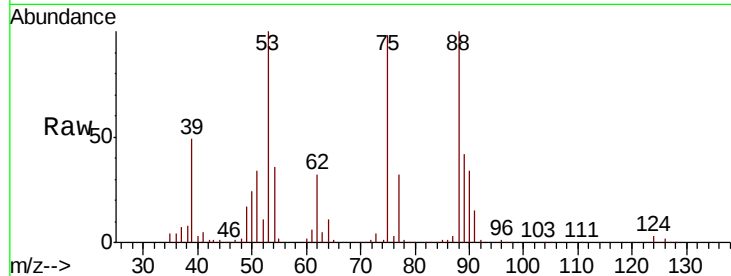
Tot Ion: 75 Resp: 52706

Ion Ratio Lower Upper

75 100

53 101.9 79.8 119.6

89 43.6 34.2 51.4



#82

4-Chlorotoluene

Concen: 51.390 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010093.D

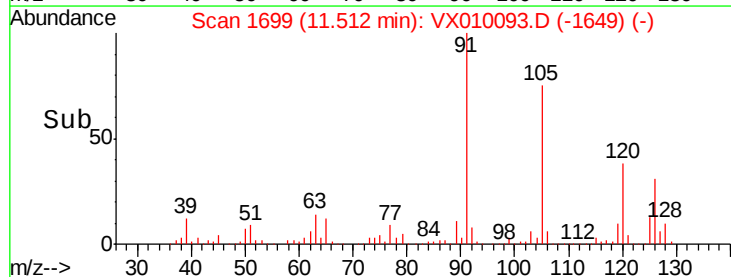
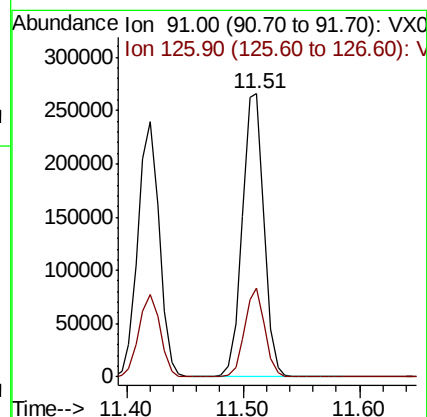
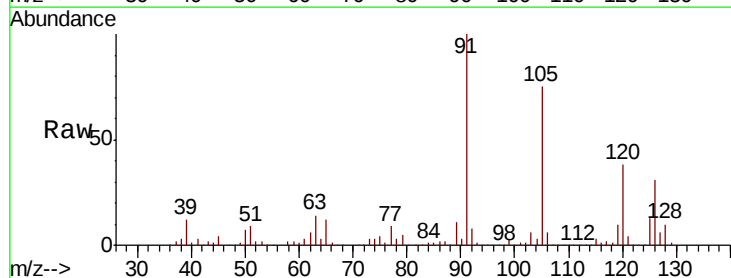
Acq: 05 Jun 2019 22:18

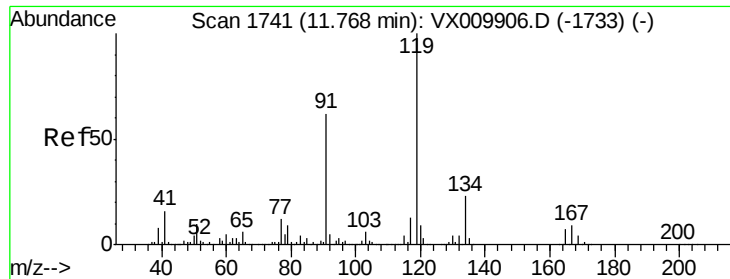
Tgt Ion: 91 Resp: 344760

Ion Ratio Lower Upper

91 100

126 29.1 14.2 42.6

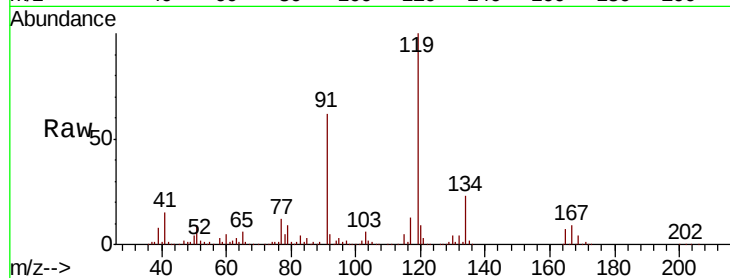




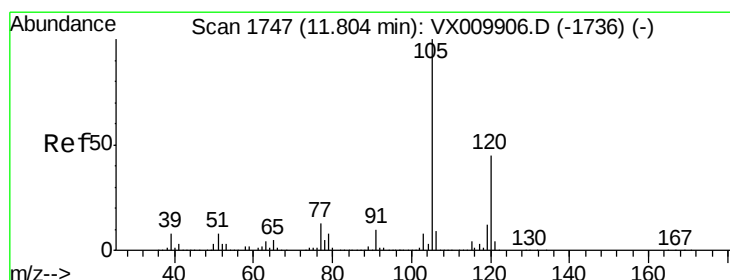
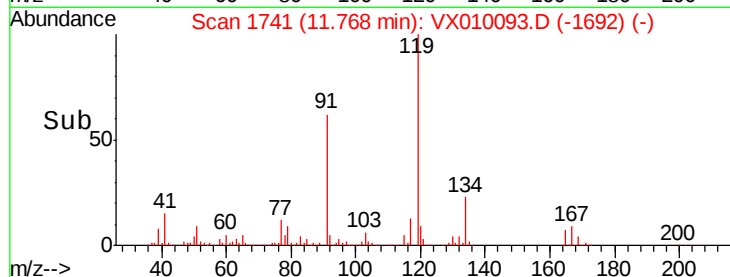
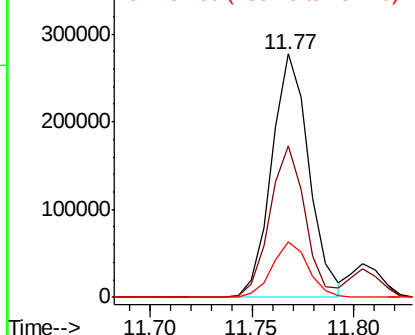
#83
tert-Butylbenzene
Concen: 53.724 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 354338
Ion Ratio Lower Upper
119 100
91 59.1 30.0 90.0
134 22.1 11.2 33.5

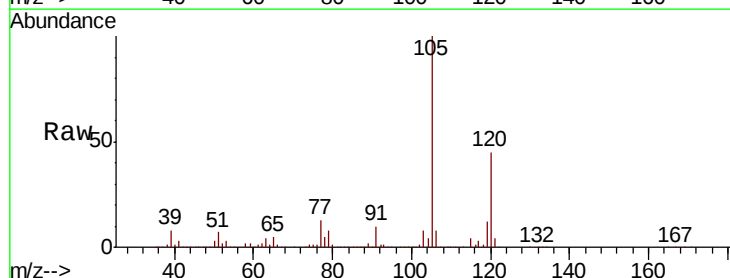


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

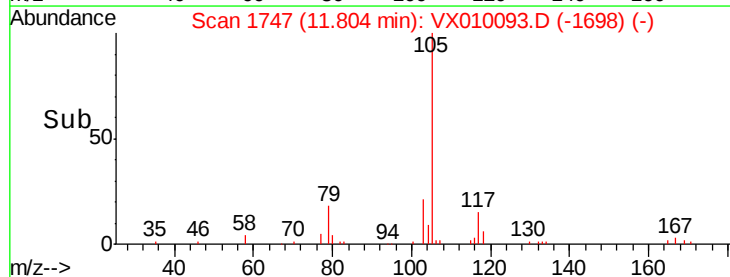
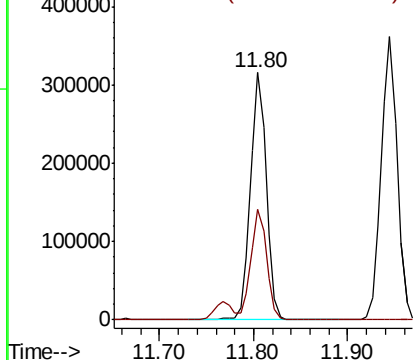


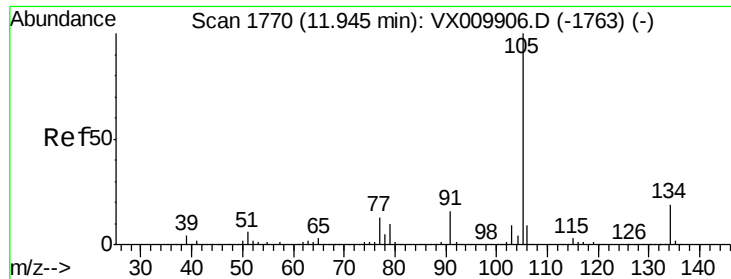
#84
1,2,4-Trimethylbenzene
Concen: 53.429 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:105 Resp: 374066
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.1



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

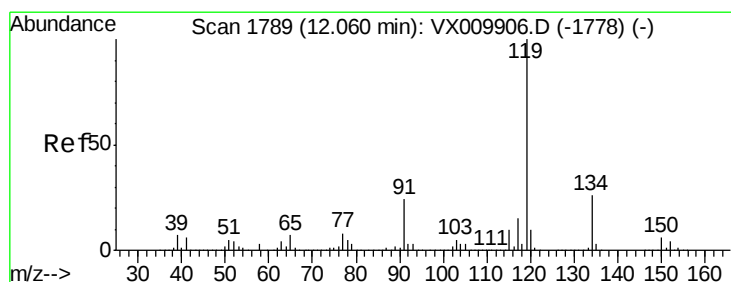
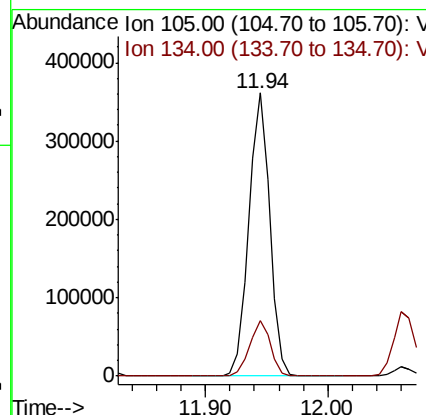
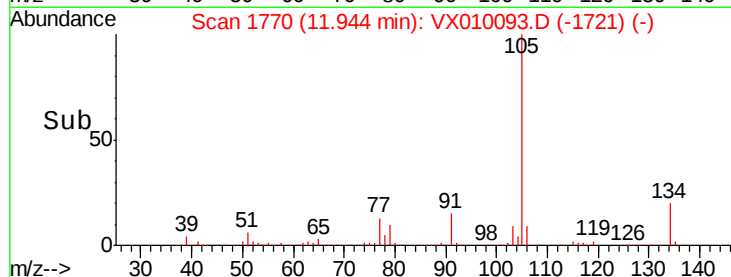
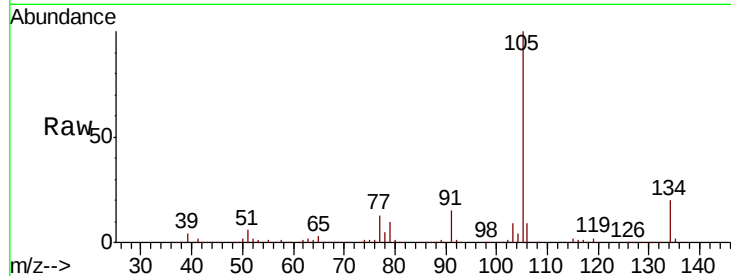




#85
 sec-Butylbenzene
 Concen: 54.342 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

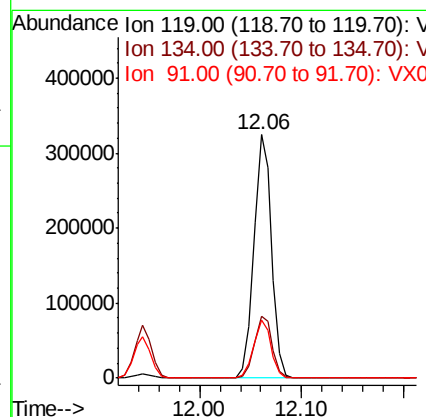
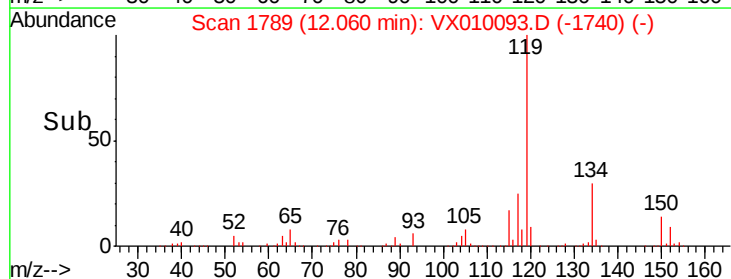
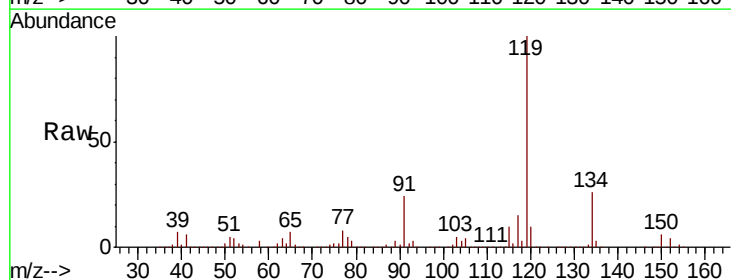
Instrument :
 MSVOA_X
 ClientSampleId :

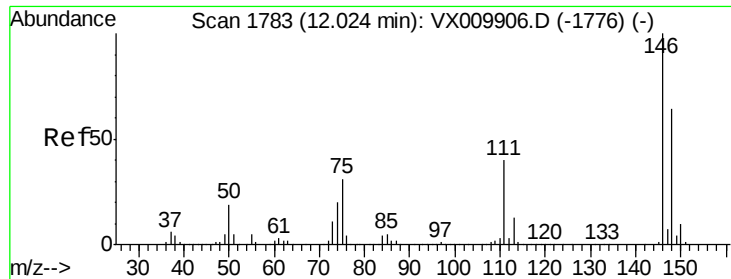
Tot Ion:105 Resp: 426393
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.353 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion:119 Resp: 390661
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.4 11.9 35.9

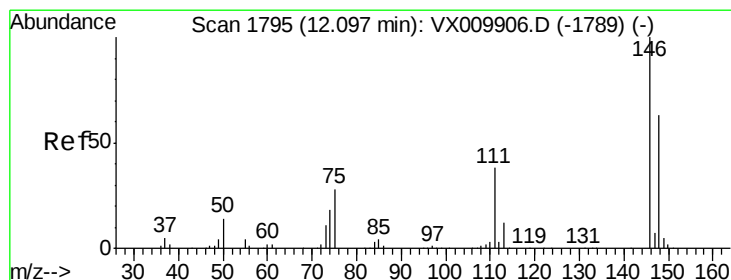
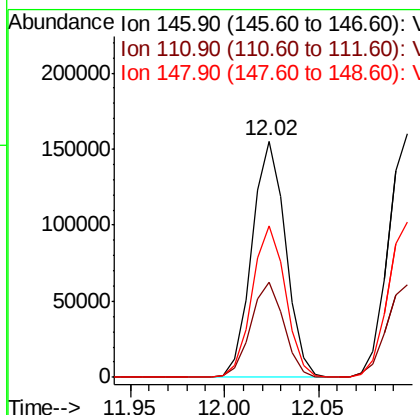
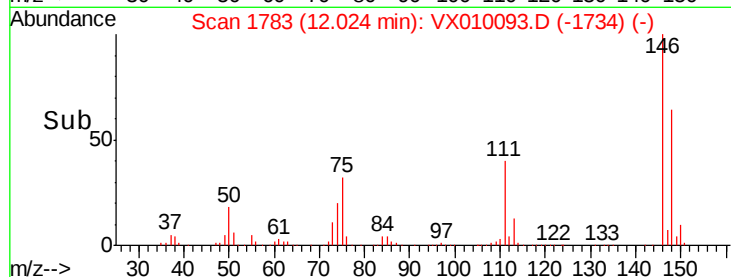
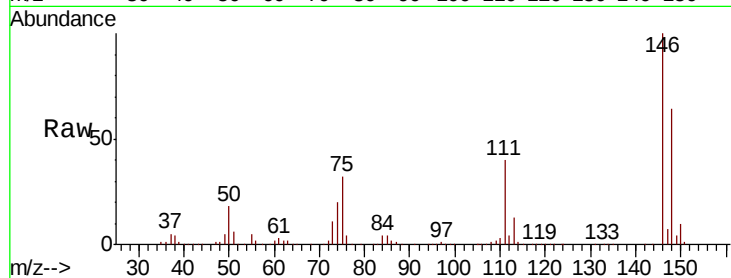




#87
 1,3-Dichlorobenzene
 Concen: 51.891 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

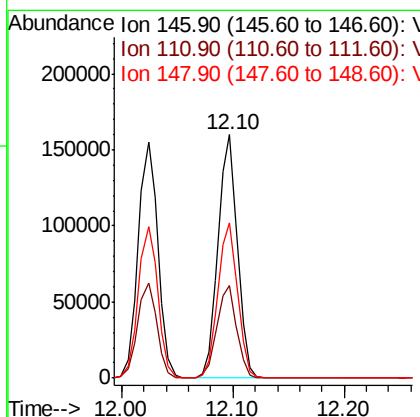
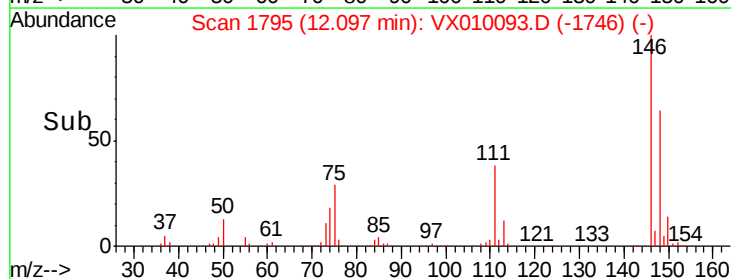
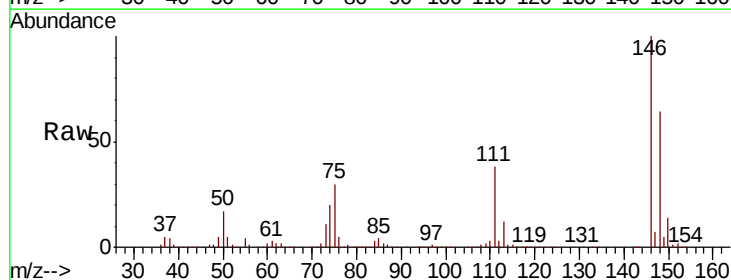
Instrument :
 MSVOA_X
 ClientSampleId :

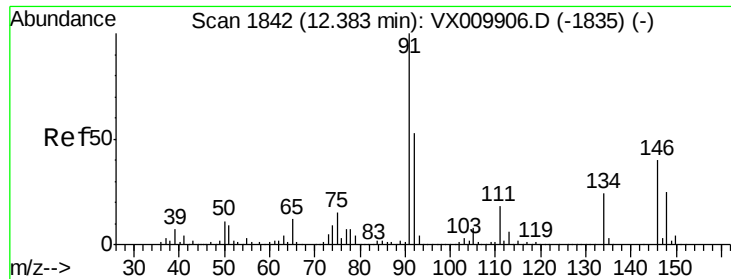
Tot Ion:146 Resp: 192659
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.026 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion:146 Resp: 193205
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 59.9
 148 64.4 32.3 96.9

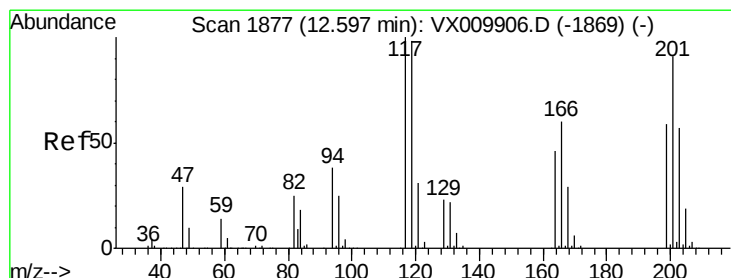
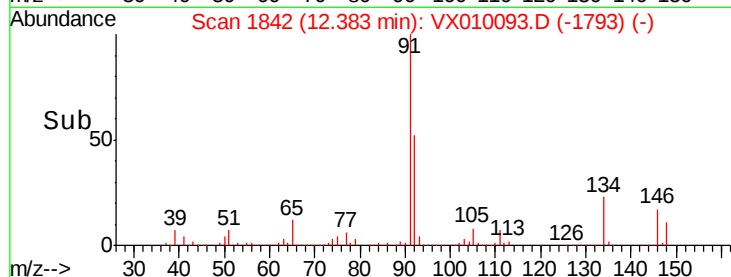
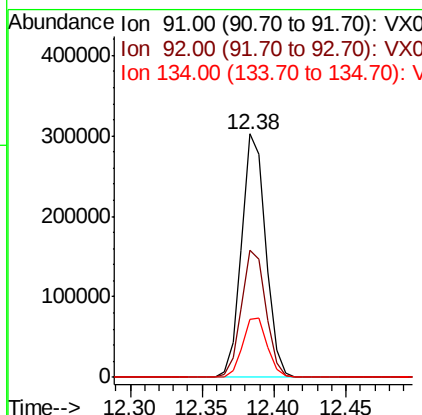
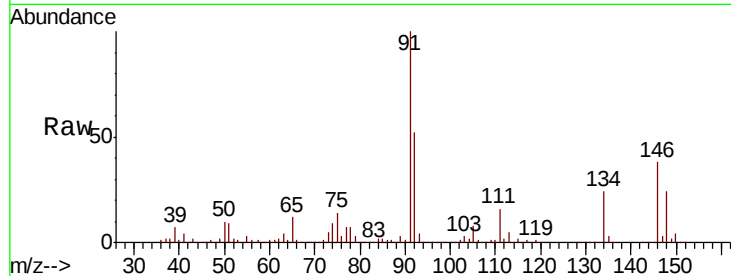




#89
n-Butylbenzene
Concen: 53.079 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

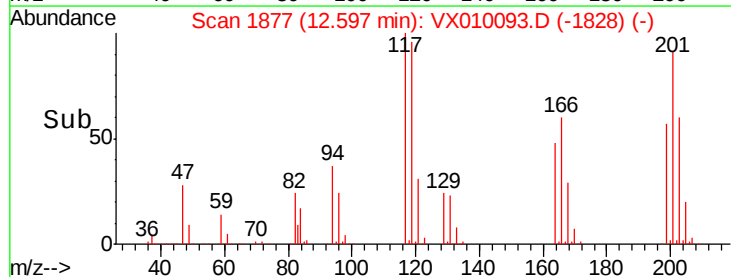
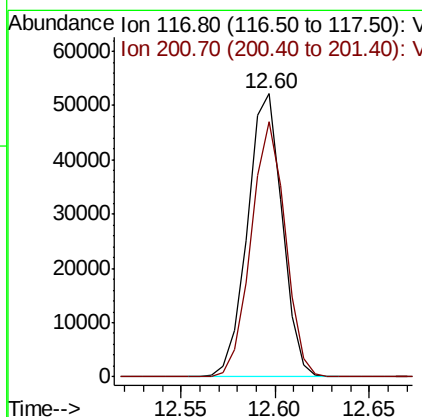
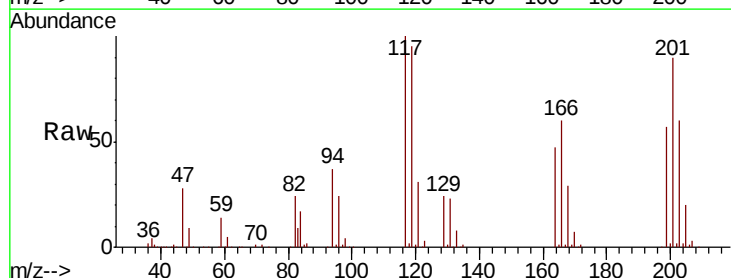
Instrument :
MSVOA_X
ClientSampleId :

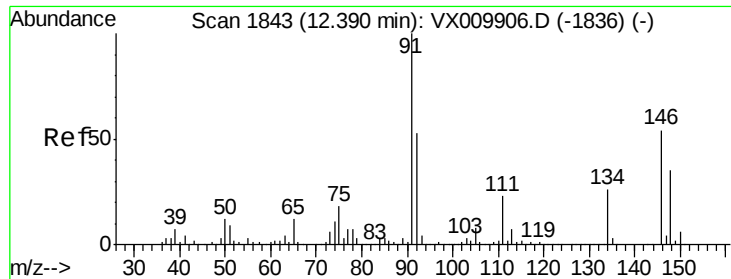
Tot Ion: 91 Resp: 352056
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 25.0 12.3 36.8



#90
Hexachloroethane
Concen: 55.118 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion: 117 Resp: 66758
Ion Ratio Lower Upper
117 100
201 88.7 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 51.590 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

Instrument :

MSVOA_X

ClientSampleId :

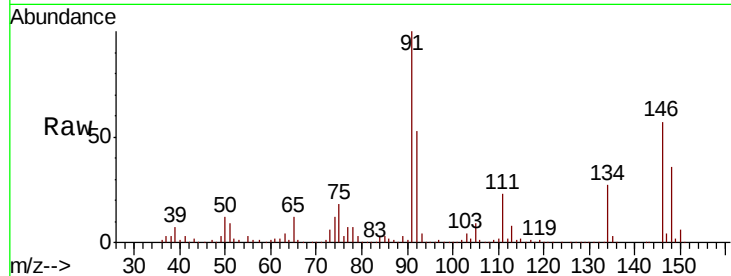
Tot Ion:146 Resp: 188845

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

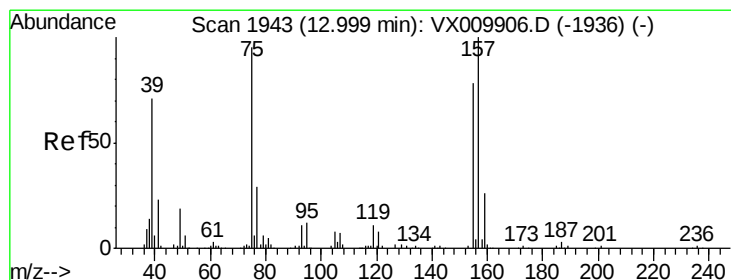
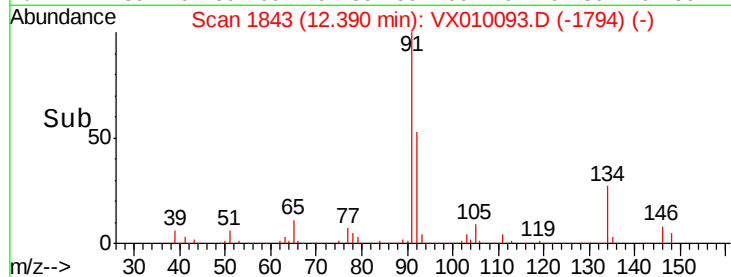
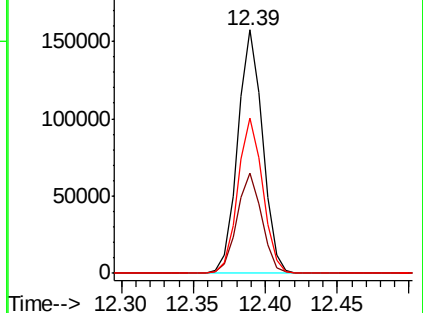
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.081 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010093.D

Acq: 05 Jun 2019 22:18

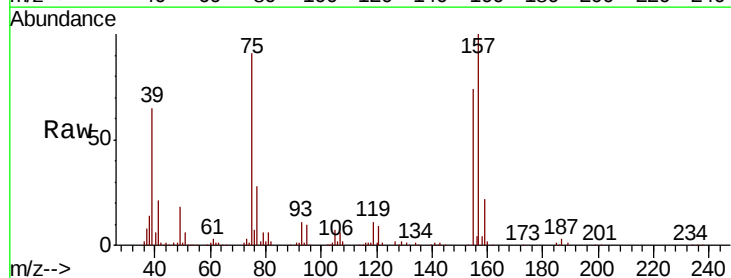
Tgt Ion: 75 Resp: 35270

Ion Ratio Lower Upper

75 100

155 82.7 39.3 117.8

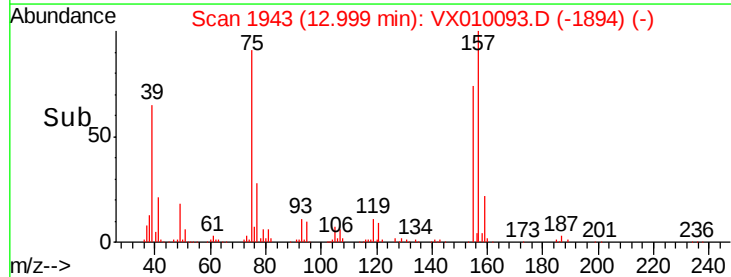
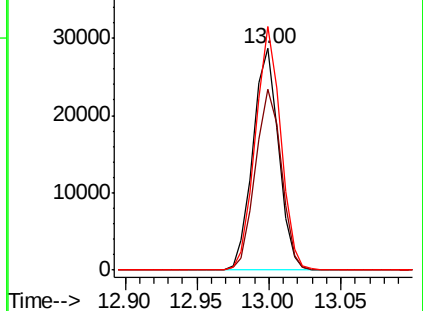
157 107.7 50.6 151.8

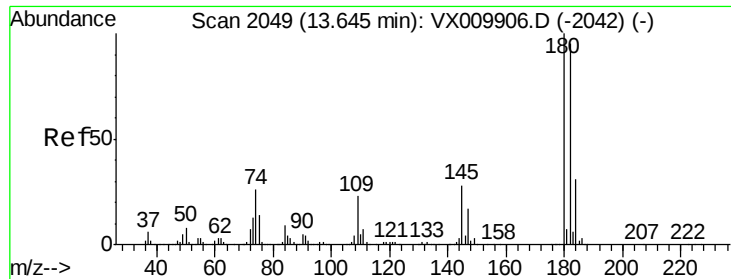


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

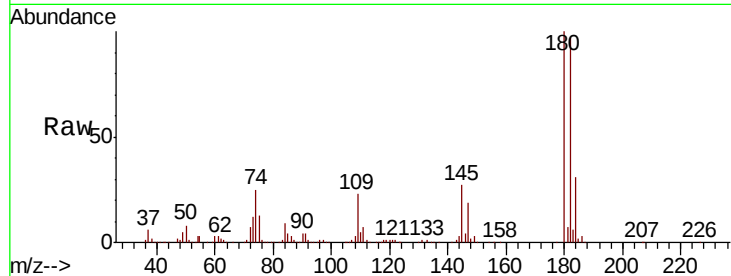




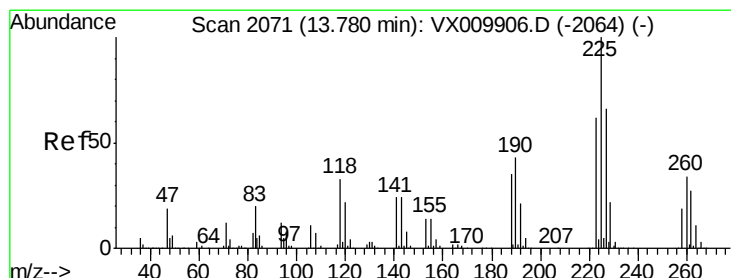
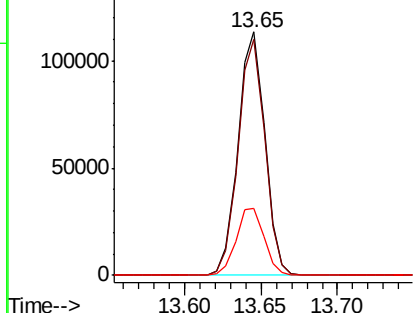
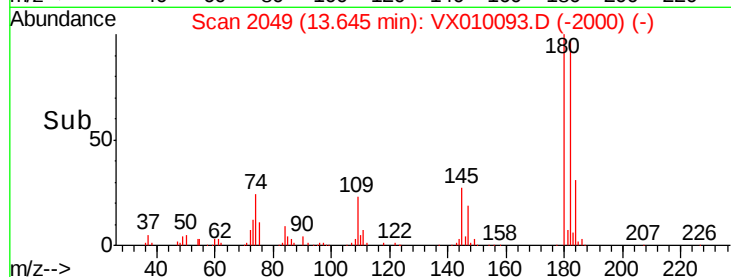
#93
 1,2,4-Trichlorobenzene
 Concen: 52.766 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 138030
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 28.7 14.5 43.5

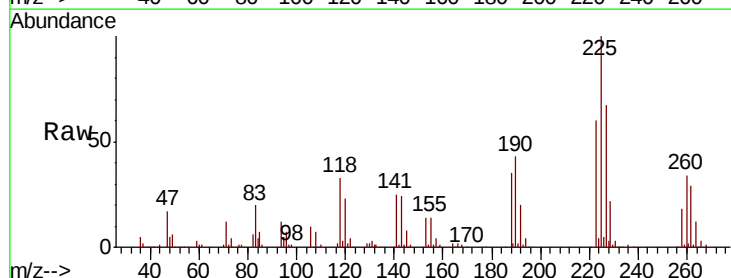


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

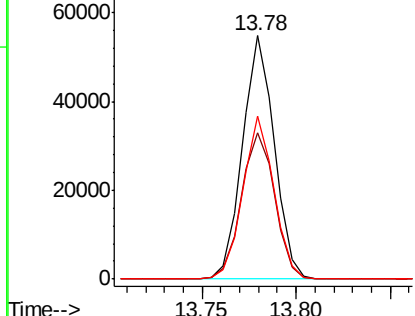
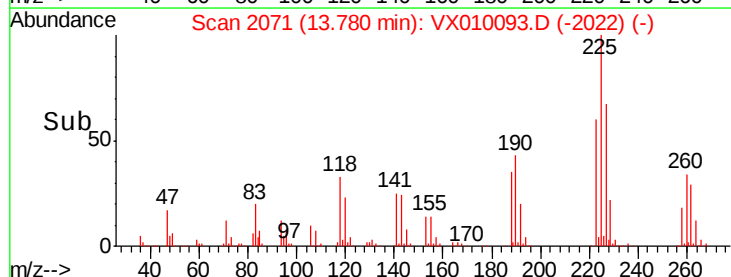


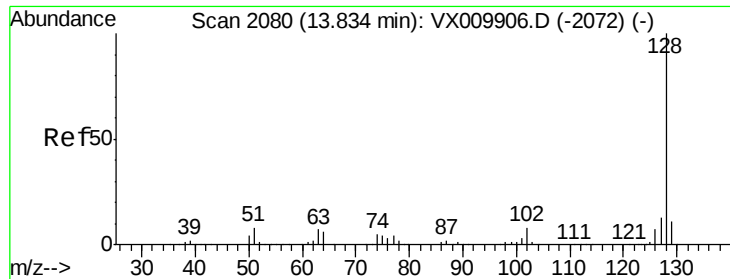
#94
 Hexachlorobutadiene
 Concen: 48.777 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010093.D
 Acq: 05 Jun 2019 22:18

Tgt Ion:225 Resp: 63999
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 65.3 32.3 96.8



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

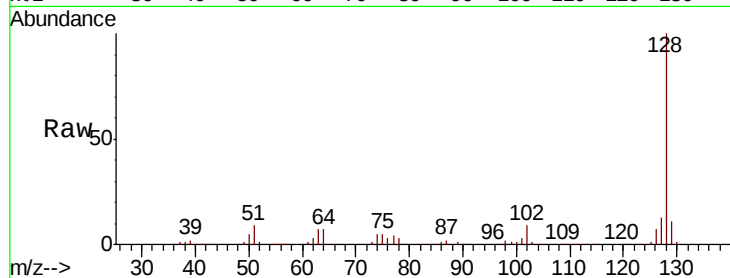




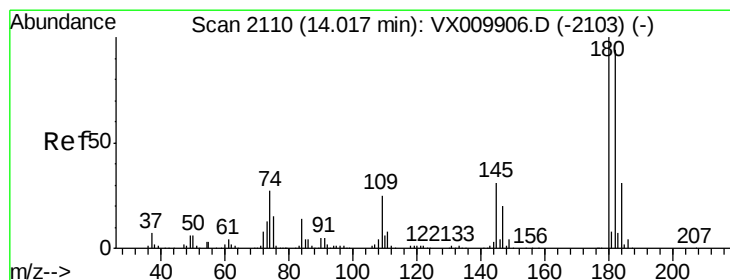
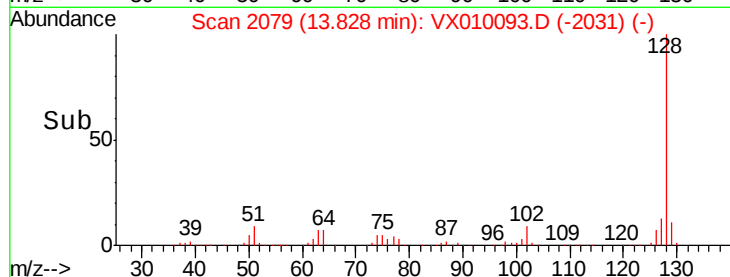
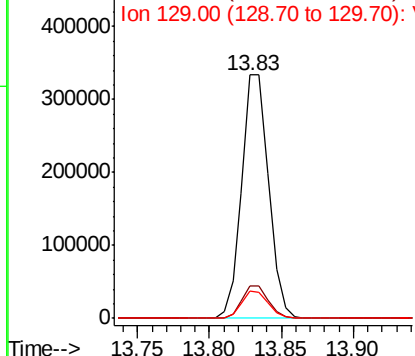
#95
Naphthalene
Concen: 53.227 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 433289
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.8 13.2

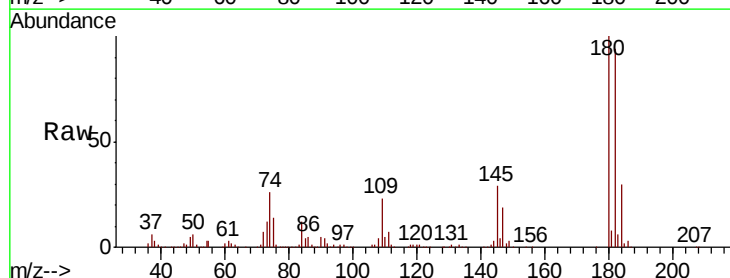


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.703 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010093.D
Acq: 05 Jun 2019 22:18

Tgt Ion:180 Resp: 138001
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 29.5 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

