

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010091.D
 Acq On : 05 Jun 2019 20:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:36:10 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	153181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	239377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100812	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	5.50	113	74563	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	299615	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	111622	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99404	53.105	ug/l	98
3) Chloromethane	1.32	50	113792	45.220	ug/l	98
4) Vinyl Chloride	1.41	62	105866	46.668	ug/l	100
5) Bromomethane	1.64	94	75224	54.731	ug/l	98
6) Chloroethane	1.71	64	63141	45.215	ug/l	99
7) Trichlorofluoromethane	1.92	101	121425	48.438	ug/l	99
8) Diethyl Ether	2.19	74	53028	45.015	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72712	48.044	ug/l	98
10) Methyl Iodide	2.51	142	93088	49.702	ug/l	99
11) Tert butyl alcohol	3.06	59	123359	231.654	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74836	48.240	ug/l	98
13) Acrolein	2.29	56	91873	243.954	ug/l	100
14) Allyl chloride	2.73	41	179711	47.663	ug/l	99
15) Acrylonitrile	3.14	53	302113	235.460	ug/l	100
16) Acetone	2.45	43	277424	221.903	ug/l	100
17) Carbon Disulfide	2.57	76	227320	48.405	ug/l	100
18) Methyl Acetate	2.78	43	134676	46.296	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	287363	49.065	ug/l	99
20) Methylene Chloride	2.85	84	90724	47.387	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	81307	47.104	ug/l	97
22) Diisopropyl ether	3.85	45	345442	48.152	ug/l	95
23) Vinyl Acetate	3.81	43	1548843	240.325	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167719	48.241	ug/l	99
25) 2-Butanone	4.68	43	457896	235.084	ug/l	99
26) 2,2-Dichloropropane	4.58	77	115389	43.875	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	95611	47.986	ug/l	95
28) Bromochloromethane	5.01	49	78593	43.562	ug/l	97
29) Tetrahydrofuran	5.13	42	297164	237.913	ug/l	99
30) Chloroform	5.21	83	153376	48.917	ug/l	97
31) Cyclohexane	5.58	56	164117	49.840	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	129927	50.882	ug/l	100
36) 1,1-Dichloropropene	5.80	75	119853	49.347	ug/l	100
37) Ethyl Acetate	4.83	43	171477	50.670	ug/l	100
38) Carbon Tetrachloride	5.79	117	109588	52.215	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147394	51.162	ug/l	99
40) Benzene	6.14	78	365658	50.752	ug/l	99
41) Methacrylonitrile	5.04	41	96446	48.772	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132132	49.607	ug/l	99
43) Isopropyl Acetate	6.45	43	269931	49.433	ug/l	99
44) Trichloroethene	7.21	130	89109	50.918	ug/l	95
45) 1,2-Dichloropropane	7.51	63	103584	49.944	ug/l	95
46) Dibromomethane	7.66	93	59539	48.770	ug/l	97
47) Bromodichloromethane	7.90	83	121180	52.198	ug/l	99
48) Methyl methacrylate	7.77	41	137269	50.781	ug/l	98
49) 1,4-Dioxane	7.74	88	50032	995.048	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	901332	253.744	ug/l	99
52) Toluene	8.79	92	225995	51.662	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140353	50.410	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	154110	50.802	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	89887	51.053	ug/l	98
56) Ethyl methacrylate	9.18	69	168458	53.742	ug/l	99
57) 1,3-Dichloropropane	9.37	76	159439	50.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	401703	244.393	ug/l	99
59) 2-Hexanone	9.49	43	691599	252.889	ug/l	99
60) Dibromochloromethane	9.58	129	92226	53.249	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93357	51.612	ug/l	99
64) Tetrachloroethene	9.34	164	82662	52.683	ug/l	99
65) Chlorobenzene	10.13	112	236745	50.343	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	85199	52.235	ug/l	99
67) Ethyl Benzene	10.25	91	439158	52.010	ug/l	99
68) m/p-Xylenes	10.36	106	320083	102.610	ug/l	99
69) o-Xylene	10.69	106	156718	52.385	ug/l	99
70) Styrene	10.71	104	276181	52.647	ug/l	100
71) Bromoform	10.85	173	73642	55.234	ug/l	# 96
73) Isopropylbenzene	11.02	105	416221	50.823	ug/l	99
74) N-amyl acetate	10.90	43	243743	49.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	149134	48.812	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	178617	67.294	ug/l	81
77) Bromobenzene	11.26	156	105343	50.474	ug/l	96
78) n-propylbenzene	11.36	91	484409	51.316	ug/l	100
79) 2-Chlorotoluene	11.42	91	286451	49.667	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	354377	51.364	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52065	48.532	ug/l	99
82) 4-Chlorotoluene	11.51	91	333881	49.730	ug/l	98
83) tert-Butylbenzene	11.77	119	340995	51.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	356563	50.889	ug/l	100
85) sec-Butylbenzene	11.94	105	401291	51.103	ug/l	99
86) p-Isopropyltoluene	12.06	119	368873	52.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185208	49.845	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	186357	49.179	ug/l	99
89) n-Butylbenzene	12.38	91	336772	50.734	ug/l	98
90) Hexachloroethane	12.60	117	63311	52.231	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	184777	50.439	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34153	47.490	ug/l	95

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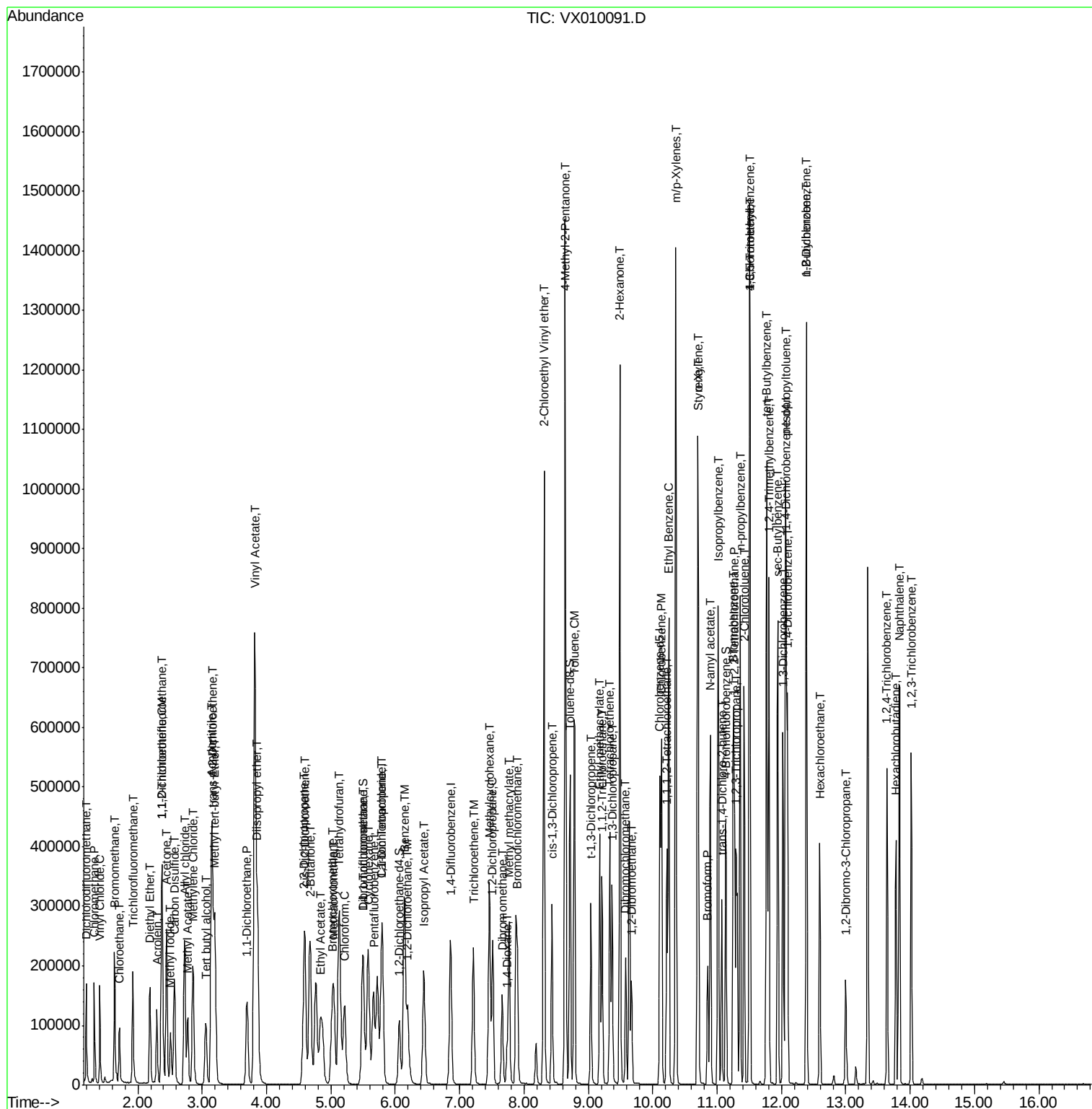
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132842	50.743	ug/l	100
94) Hexachlorobutadiene	13.78	225	61908	47.147	ug/l	99
95) Naphthalene	13.83	128	420844	51.658	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133164	50.816	ug/l	99

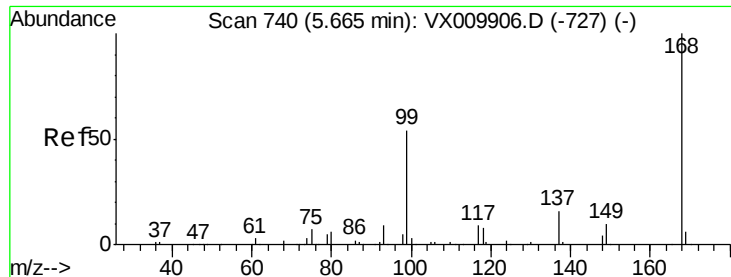
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

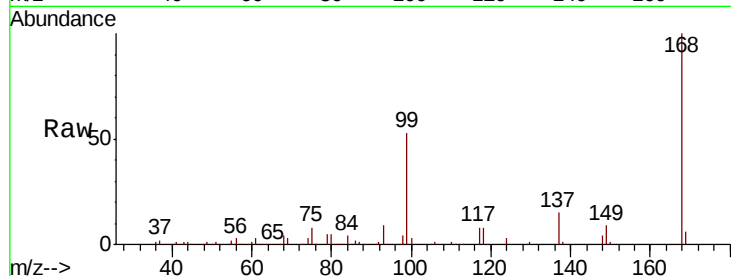
ClientSampleId :

Tot Ion:168 Resp: 153181

Ion Ratio Lower Upper

168 100

99 52.6 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

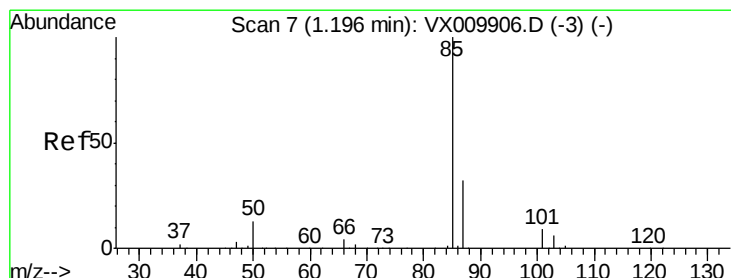
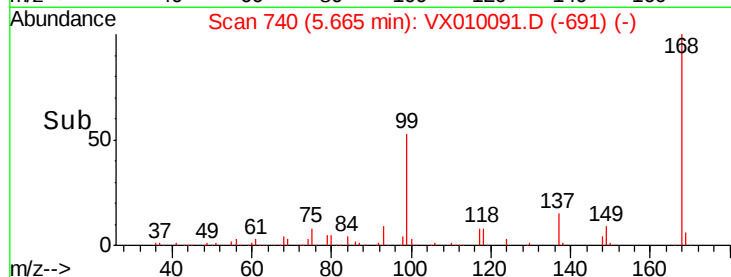
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.105 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010091.D

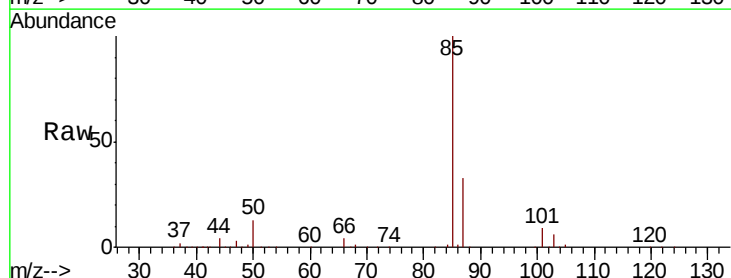
Acq: 05 Jun 2019 20:45

Tgt Ion: 85 Resp: 99404

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

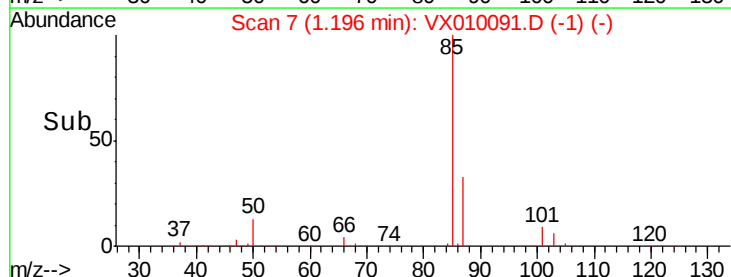
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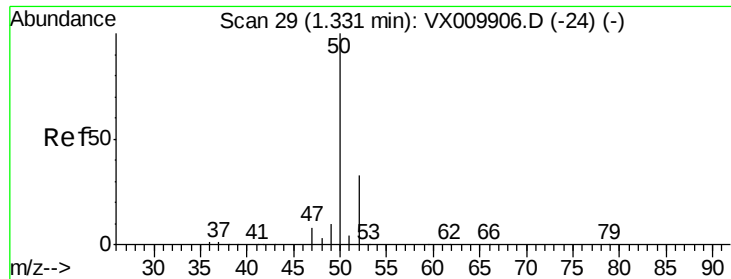
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.220 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

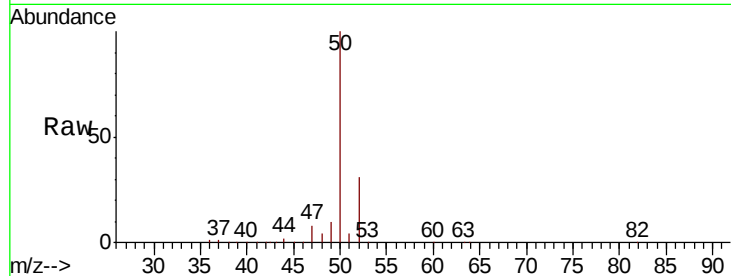
ClientSampleId :

Tot Ion: 50 Resp: 113792

Ion Ratio Lower Upper

50 100

52 31.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

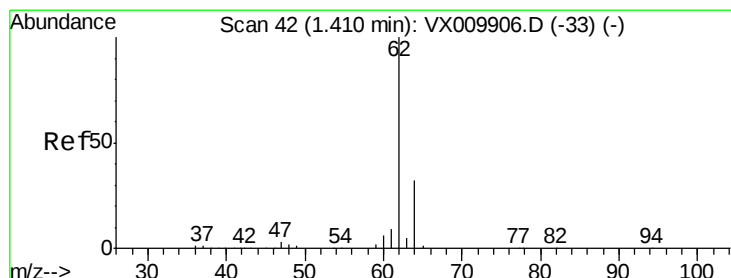
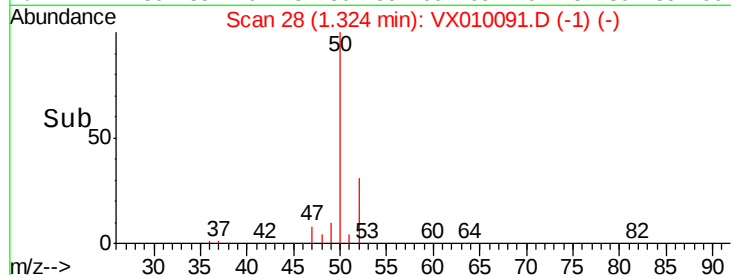
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 46.668 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010091.D

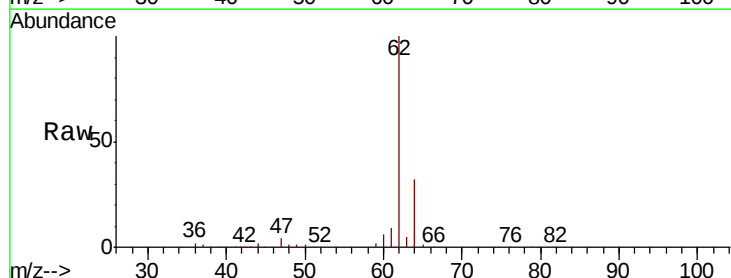
Acq: 05 Jun 2019 20:45

Tgt Ion: 62 Resp: 105866

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

60000

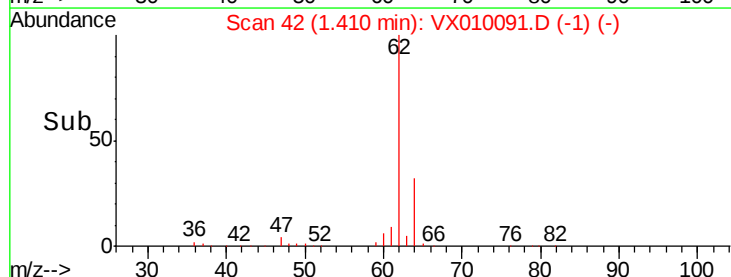
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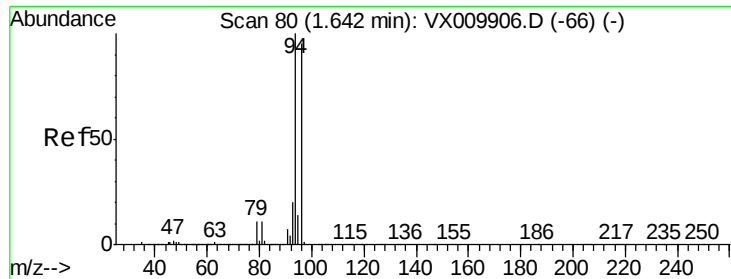
20000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 54.731 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

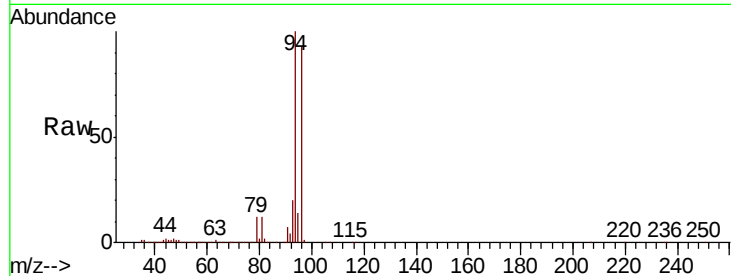
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 75224

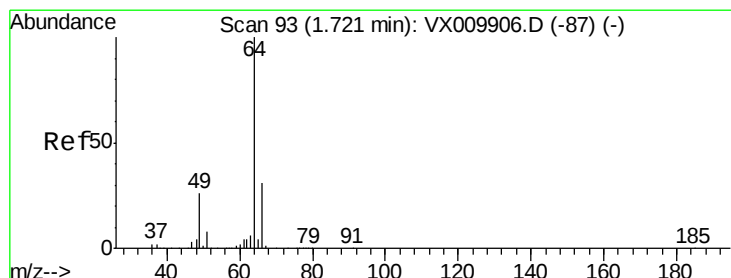
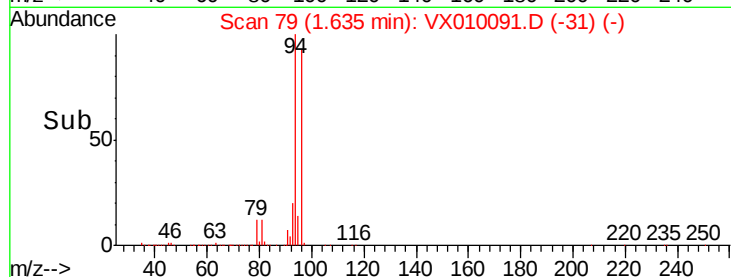
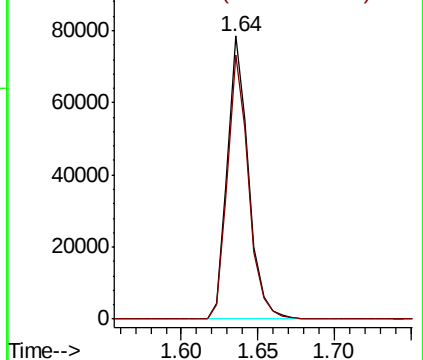
Ion Ratio Lower Upper

94 100

96 93.3 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: 45.215 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010091.D

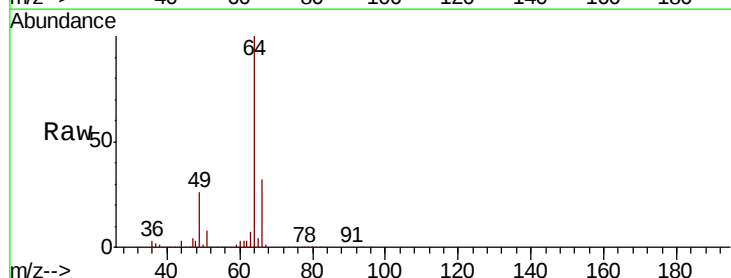
Acq: 05 Jun 2019 20:45

Tgt Ion: 64 Resp: 63141

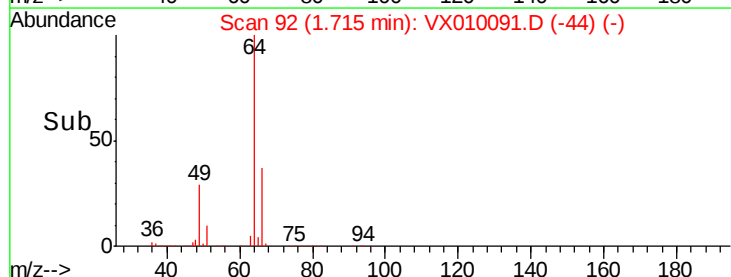
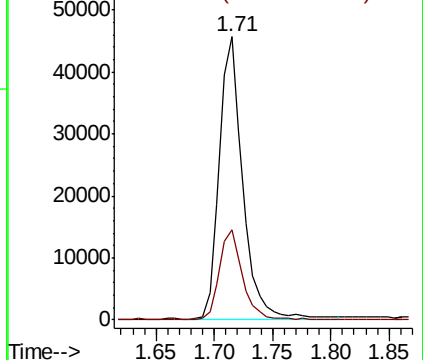
Ion Ratio Lower Upper

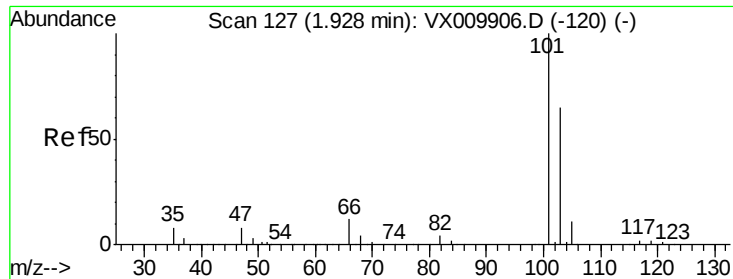
64 100

66 31.9 25.1 37.7



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



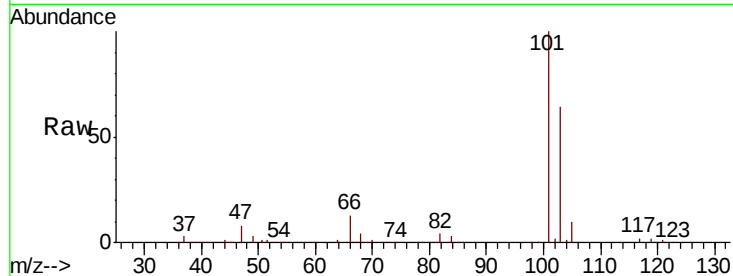


#7

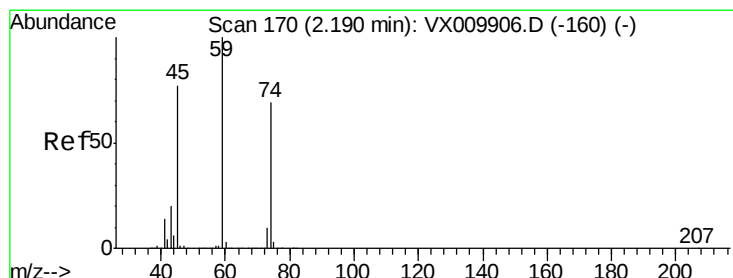
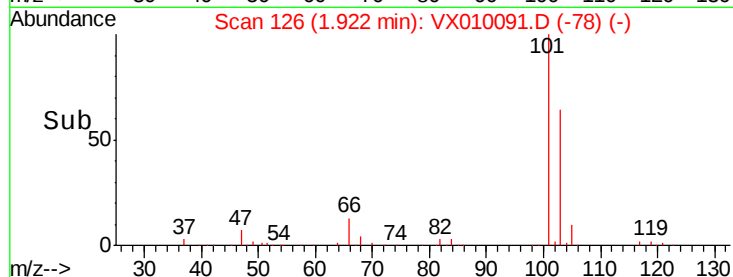
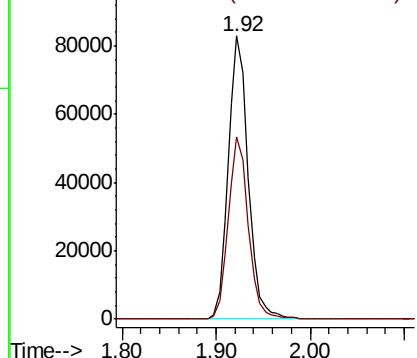
Trichlorofluoromethane
Concen: 48.438 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 121425
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4



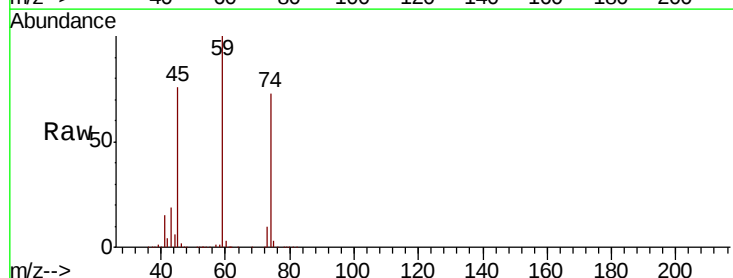
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



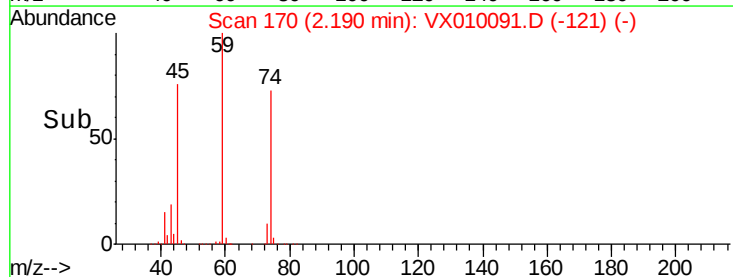
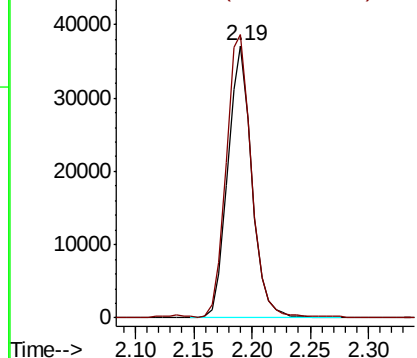
#8

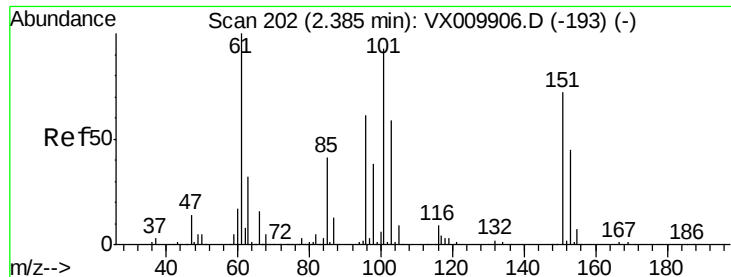
Diethyl Ether
Concen: 45.015 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 74 Resp: 53028
Ion Ratio Lower Upper
74 100
45 108.3 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: 48.044 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

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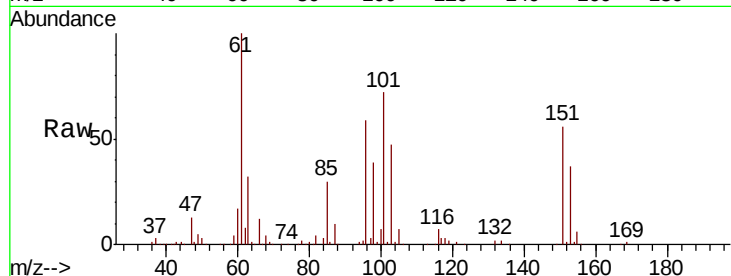
Tot Ion:101 Resp: 72712

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

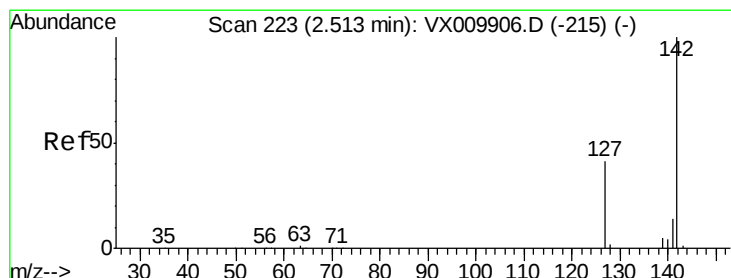
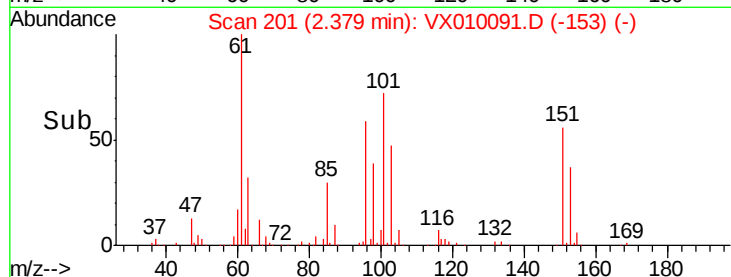
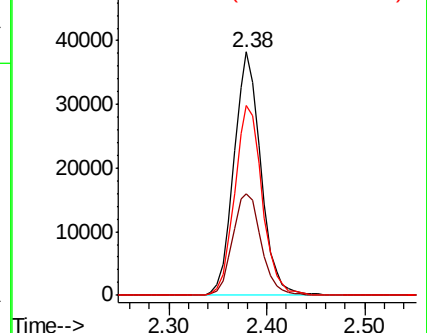
151 80.2 61.9 92.9



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: 49.702 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

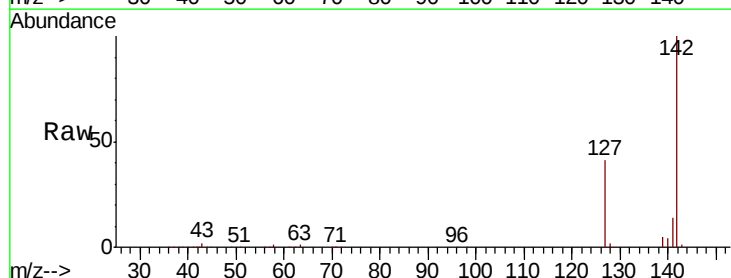
Tgt Ion:142 Resp: 93088

Ion Ratio Lower Upper

142 100

127 41.5 33.0 49.4

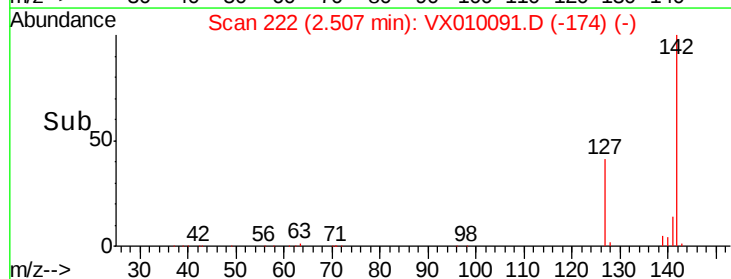
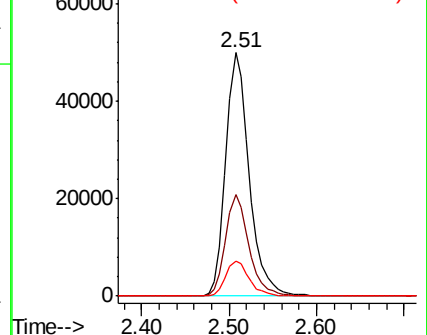
141 14.6 11.4 17.0

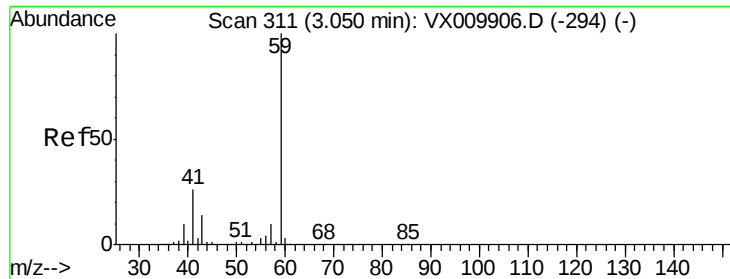


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



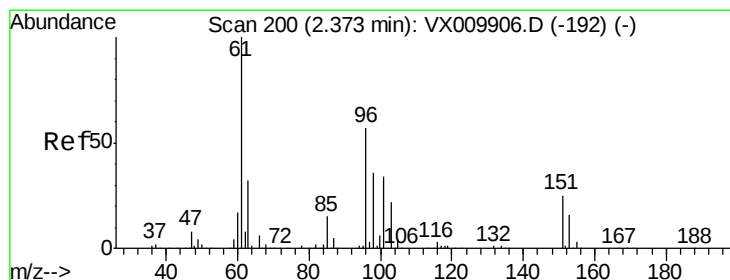
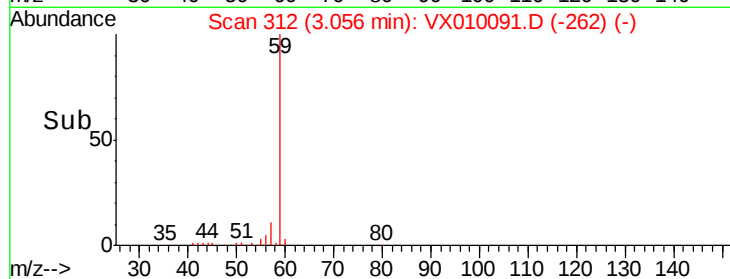
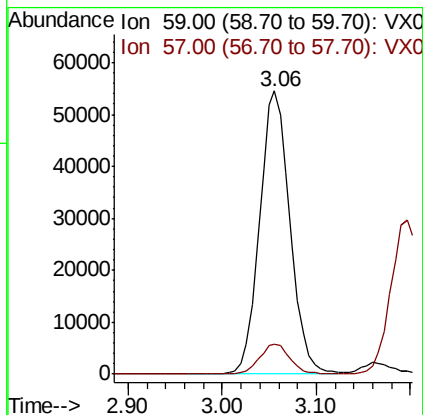
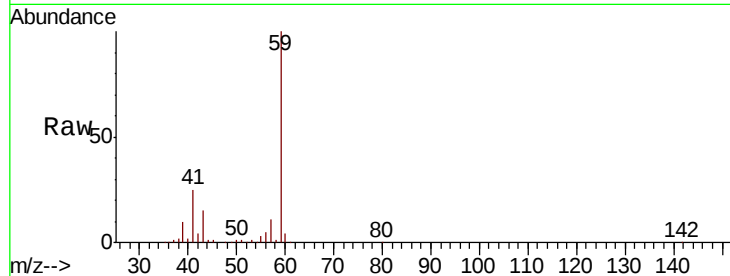


#11

Tert butyl alcohol
 Concen: 231.654 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

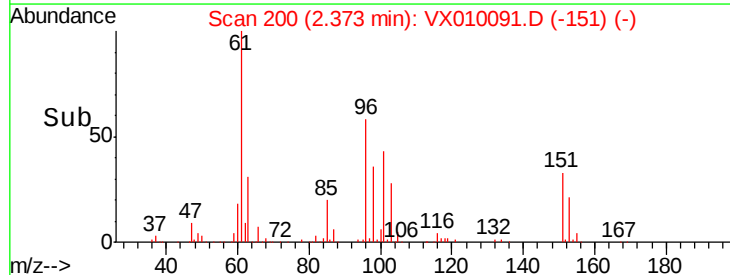
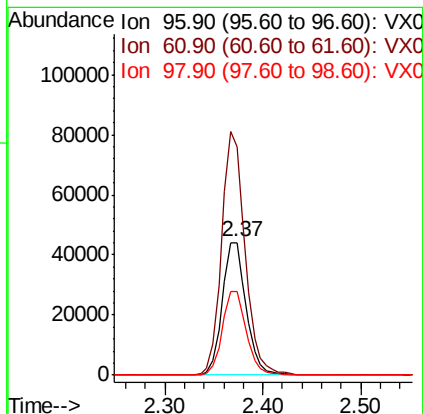
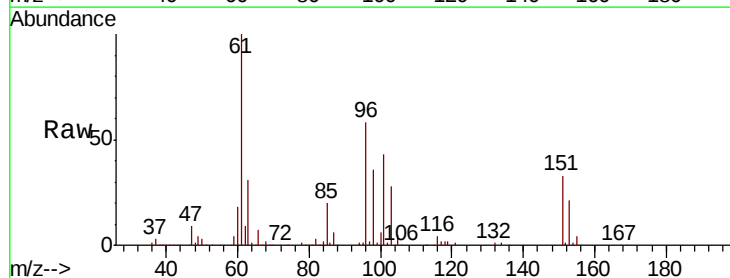
Tot Ion: 59 Resp: 123359
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

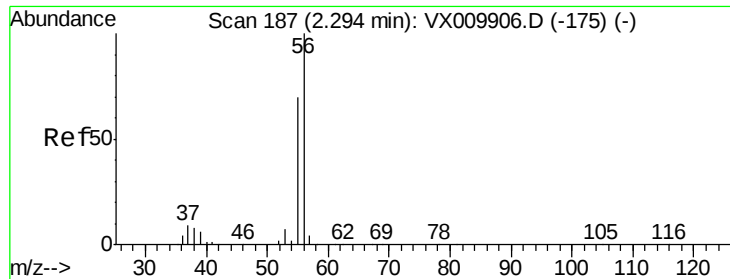


#12

1,1-Dichloroethene
 Concen: 48.240 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 96 Resp: 74836
 Ion Ratio Lower Upper
 96 100
 61 171.9 140.7 211.1
 98 62.7 50.1 75.1





#13

Acrolein

Concen: 243.954 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

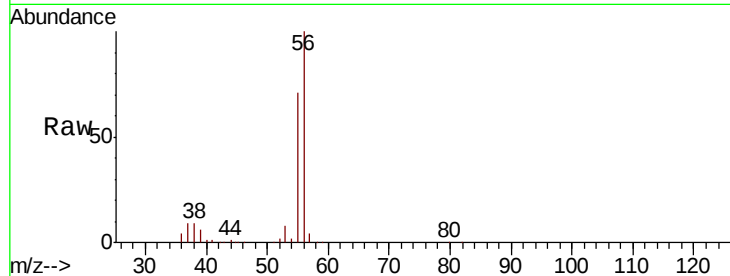
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 91873

Ion Ratio Lower Upper

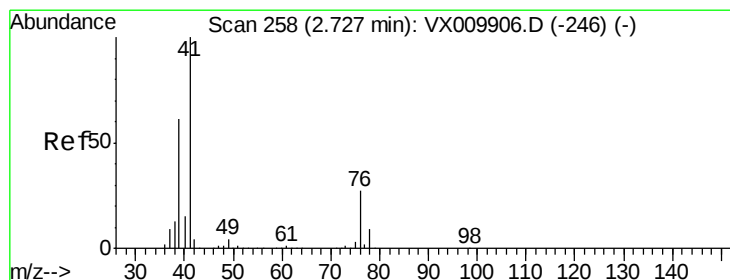
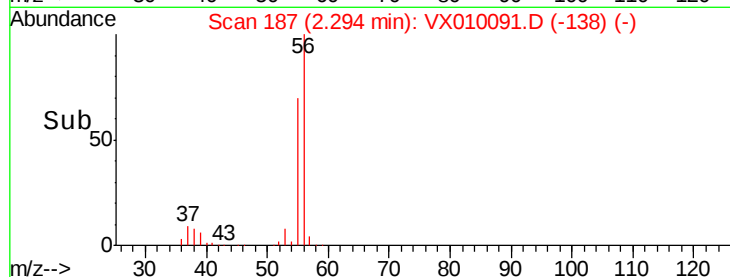
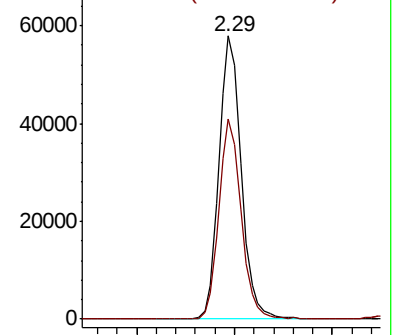
56 100

55 70.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.663 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

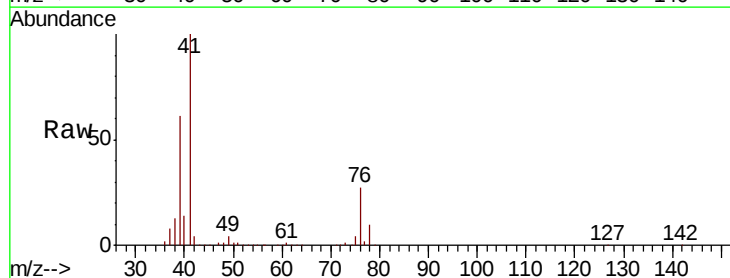
Tgt Ion: 41 Resp: 179711

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

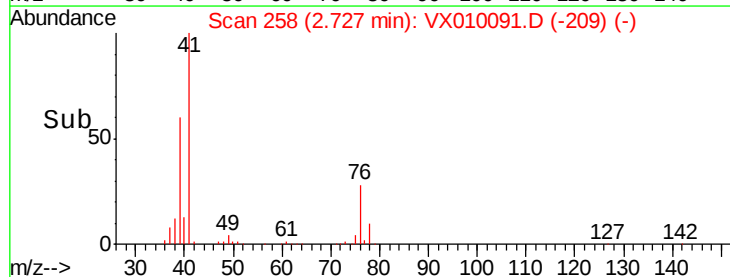
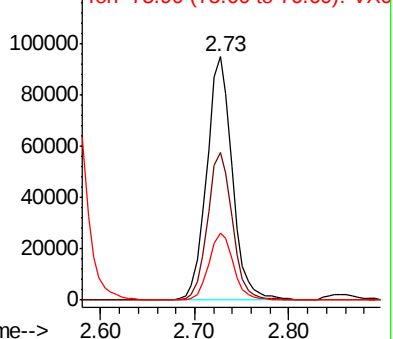
76 26.6 21.0 31.4

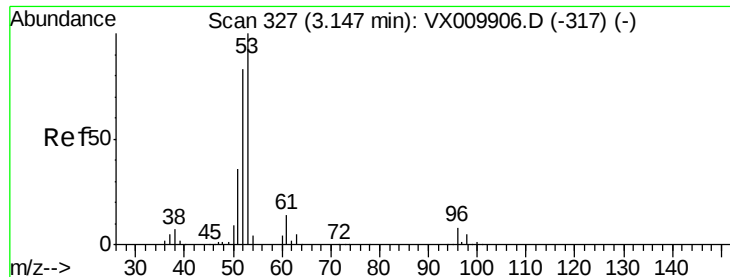


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 235.460 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

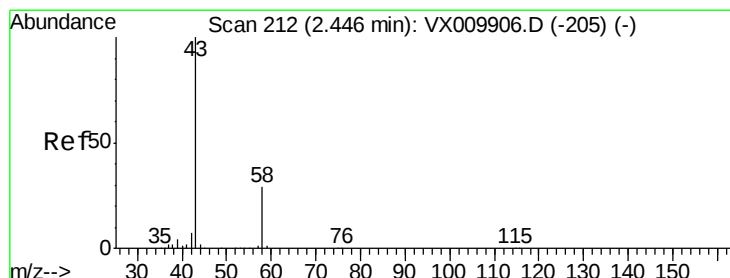
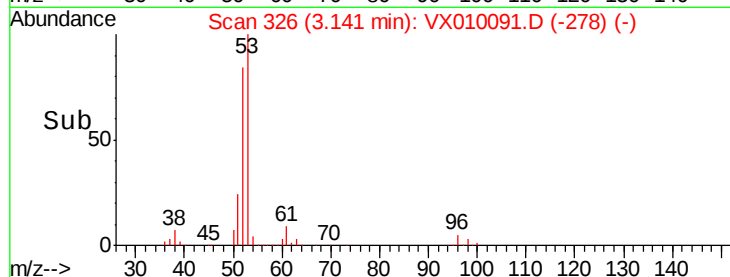
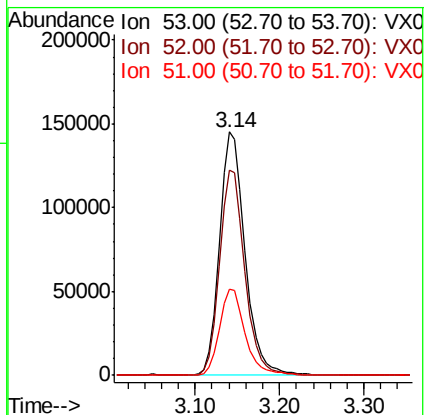
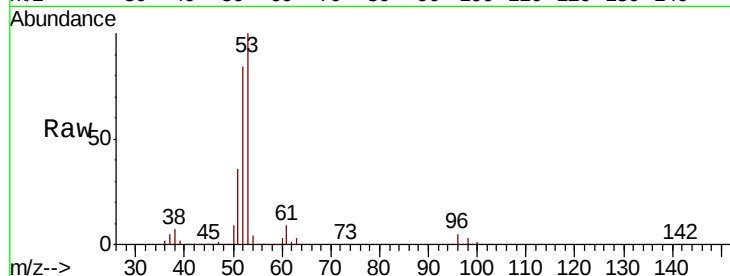
Tot Ion: 53 Resp: 302113

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

51 35.8 28.8 43.2



#16

Acetone

Concen: 221.903 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010091.D

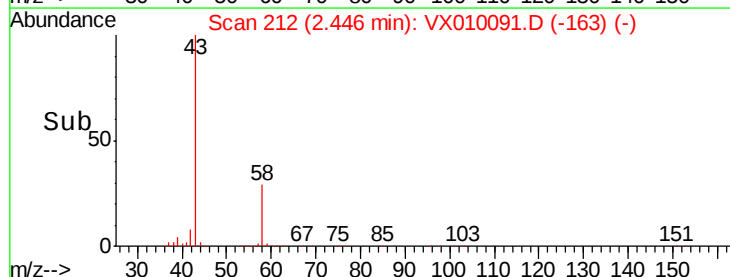
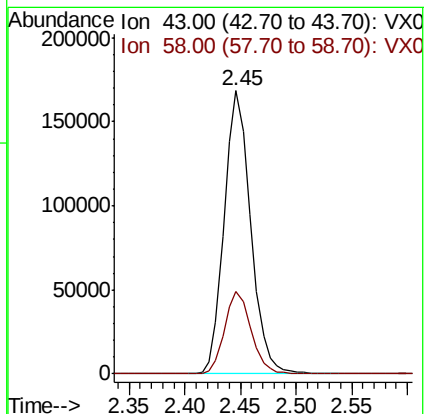
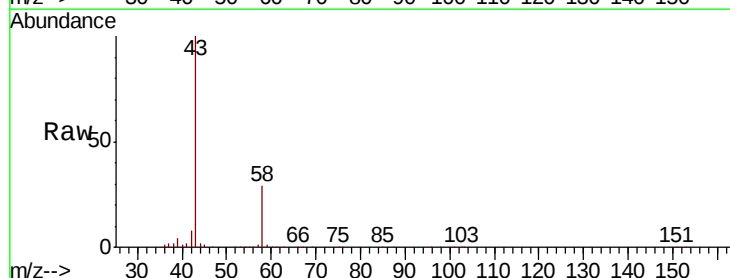
Acq: 05 Jun 2019 20:45

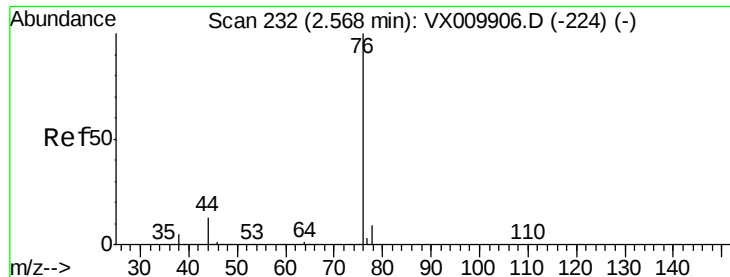
Tgt Ion: 43 Resp: 277424

Ion Ratio Lower Upper

43 100

58 28.9 23.2 34.8

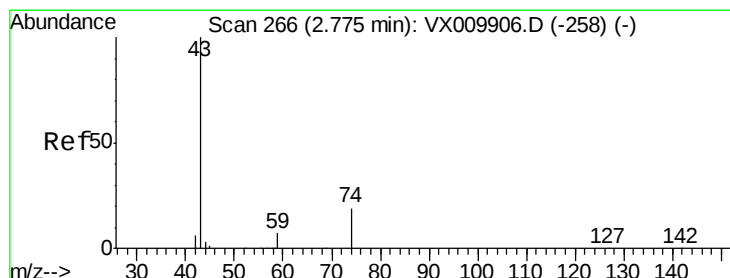
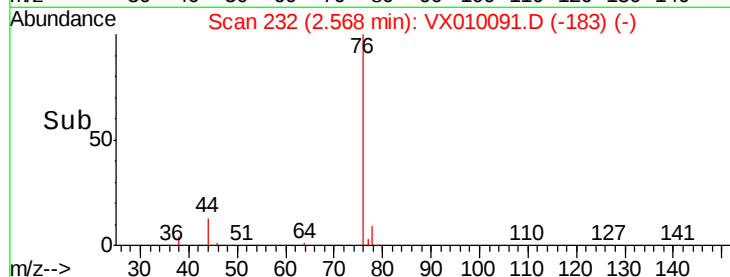
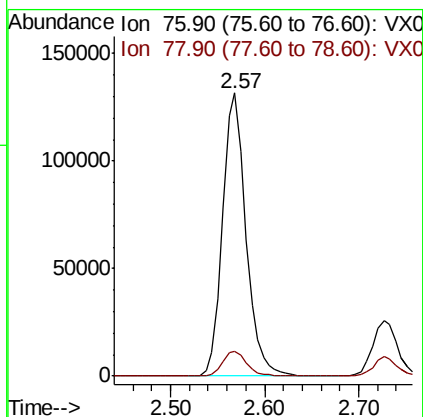
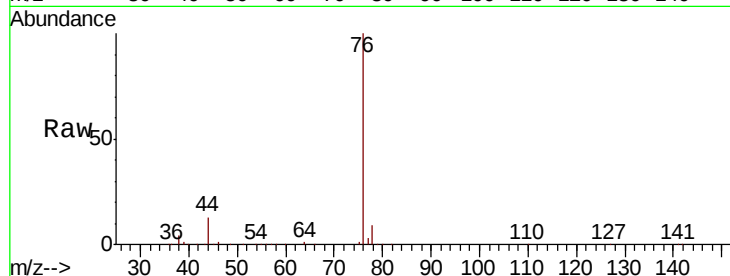




#17
Carbon Disulfide
Concen: 48.405 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

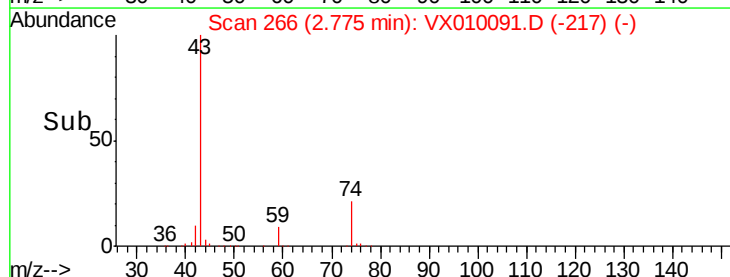
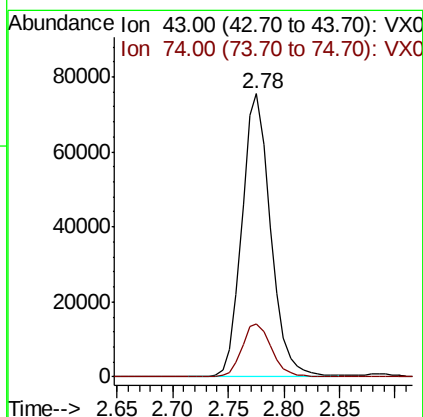
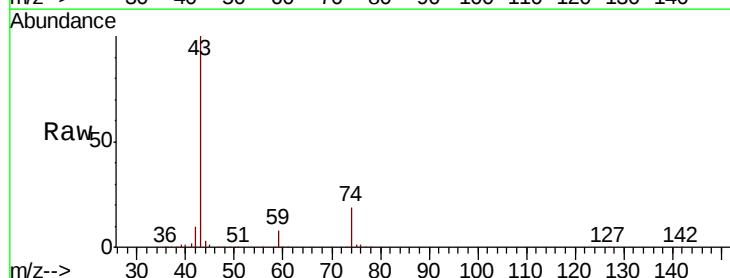
Instrument :
MSVOA_X
ClientSampled :

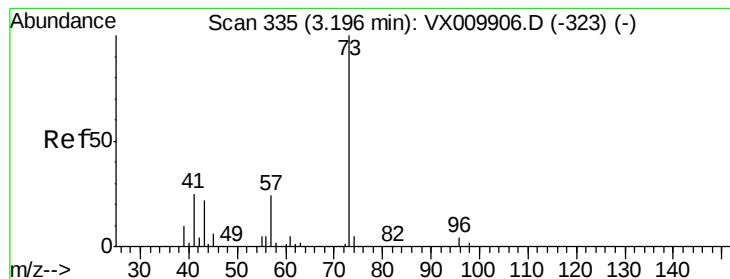
Tot Ion: 76 Resp: 227320
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 46.296 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 43 Resp: 134676
Ion Ratio Lower Upper
43 100
74 19.0 15.8 23.6



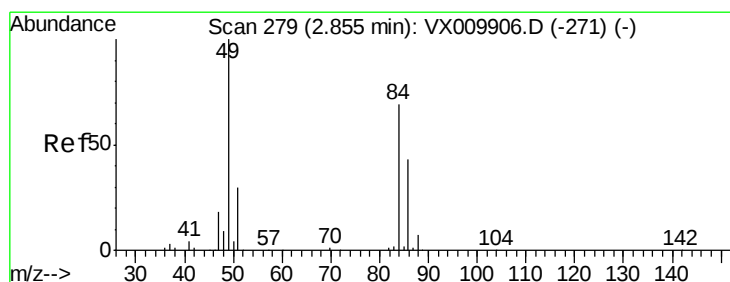
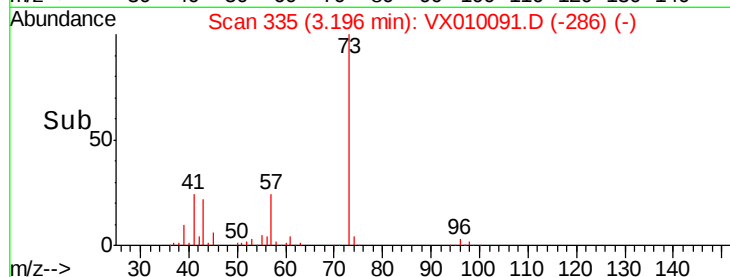
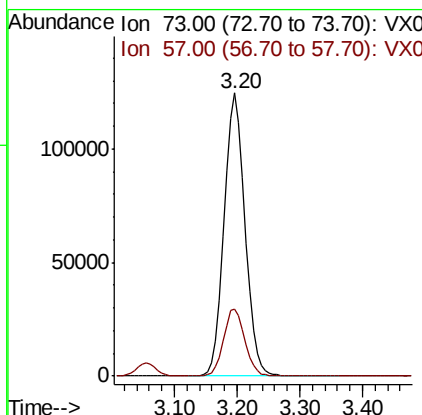
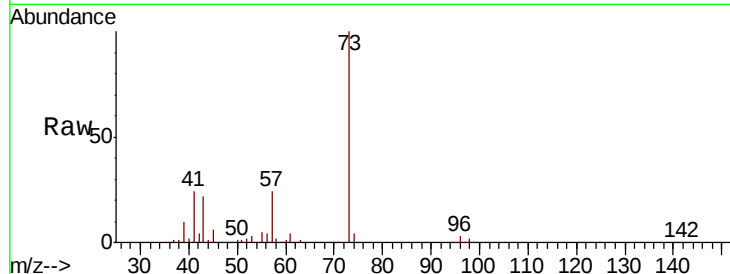


#19

Methyl tert-butyl Ether
 Concen: 49.065 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampled :

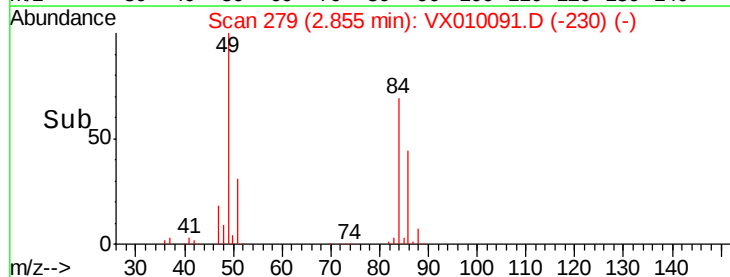
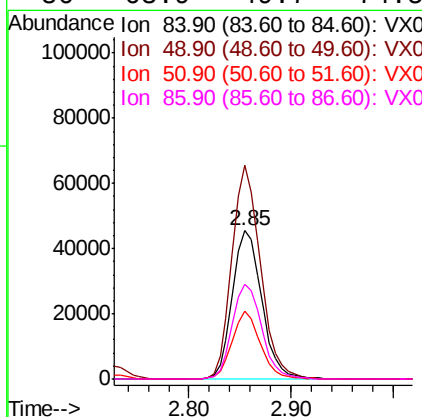
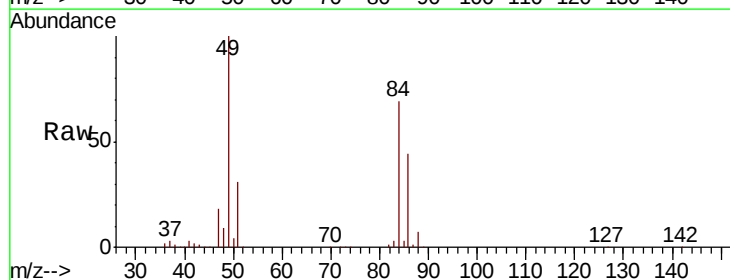
Tot Ion: 73 Resp: 287363
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.4 29.2

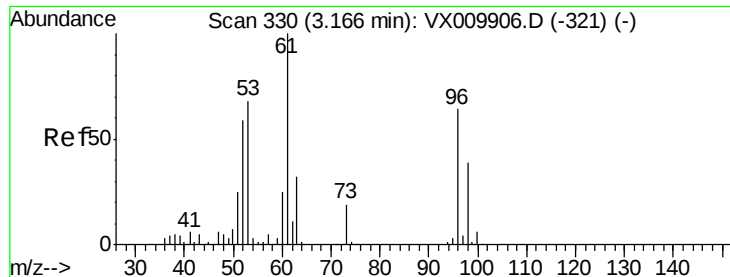


#20

Methylene Chloride
 Concen: 47.387 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 84 Resp: 90724
 Ion Ratio Lower Upper
 84 100
 49 144.3 115.8 173.6
 51 45.4 34.4 51.6
 86 63.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.104 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

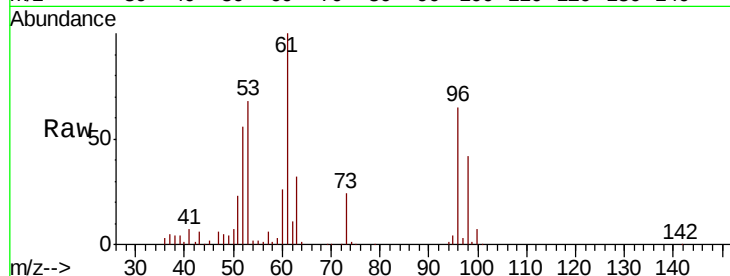
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 81307

Ion	Ratio	Lower	Upper
96	100		
61	154.2	125.7	188.5
98	64.3	49.0	73.6

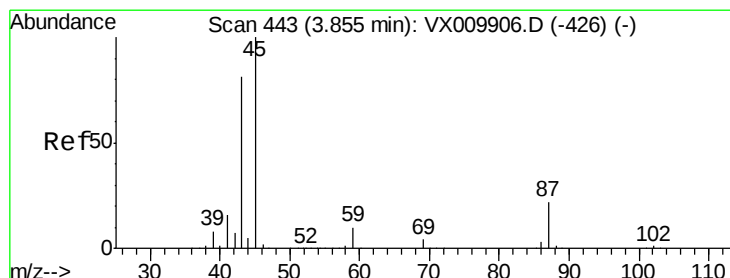
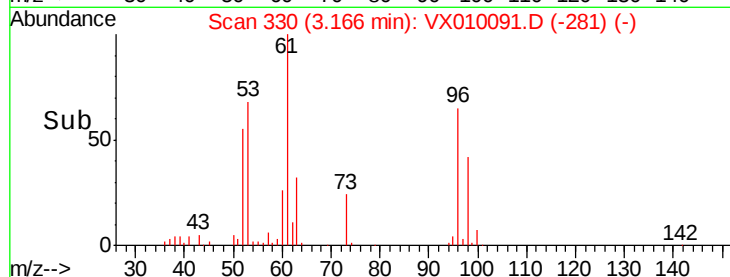
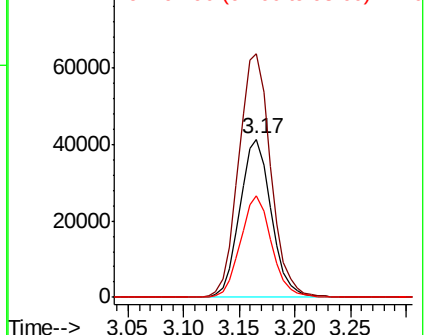


Abundance

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: 48.152 ug/l

RT: 3.85 min Scan# 443

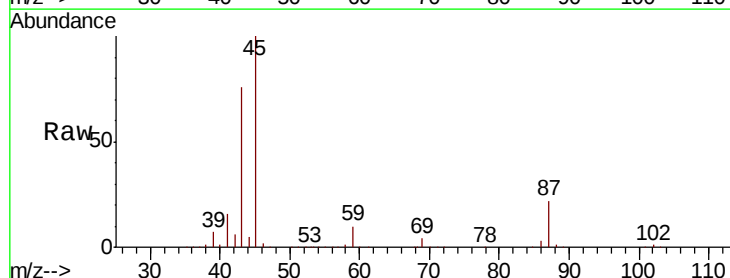
Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Tgt Ion: 45 Resp: 345442

Ion	Ratio	Lower	Upper
45	100		
43	76.0	65.0	97.4
87	22.4	17.3	25.9
59	10.3	8.1	12.1



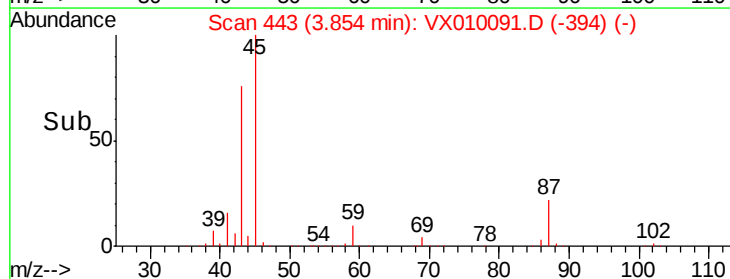
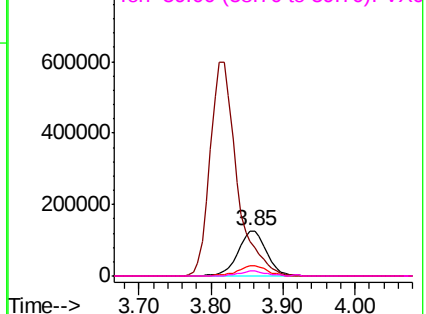
Abundance

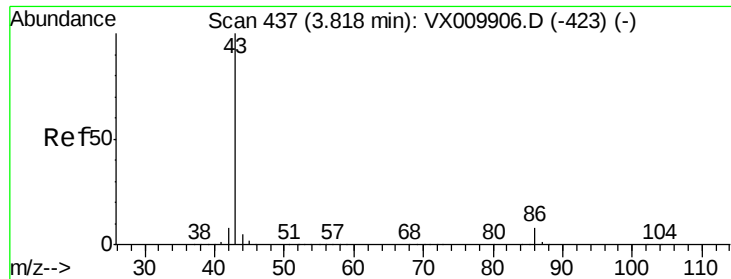
Ion 45.00 (44.70 to 45.70): VX0

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: 240.325 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

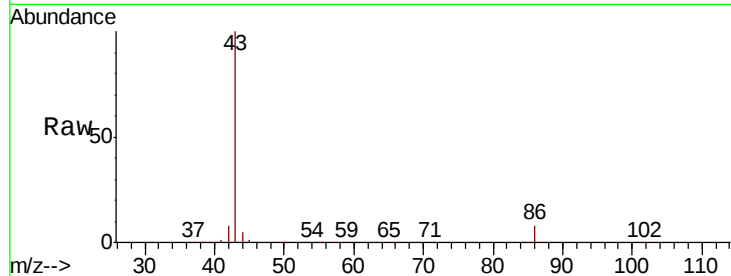
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1548843

Ion Ratio Lower Upper

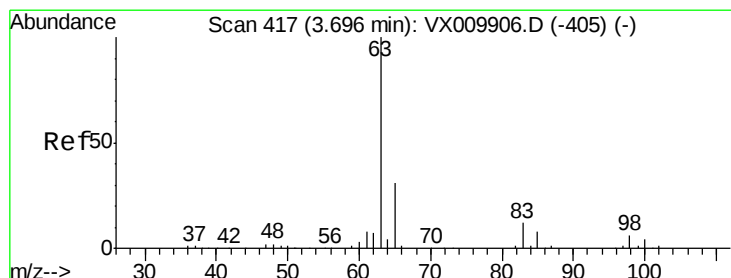
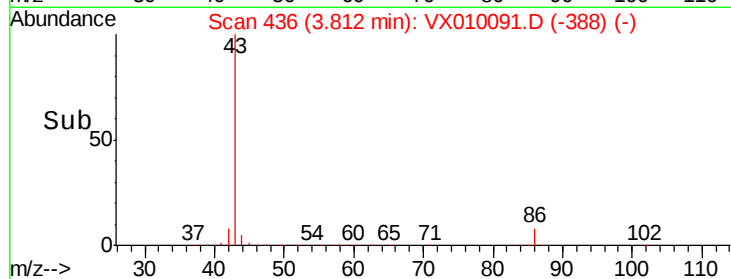
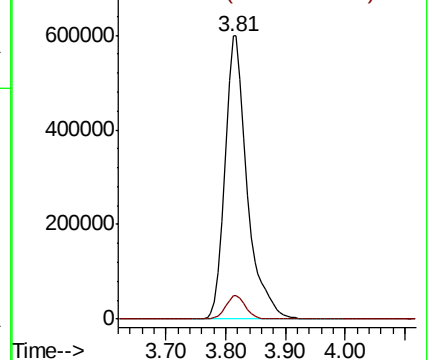
43 100

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: 48.241 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

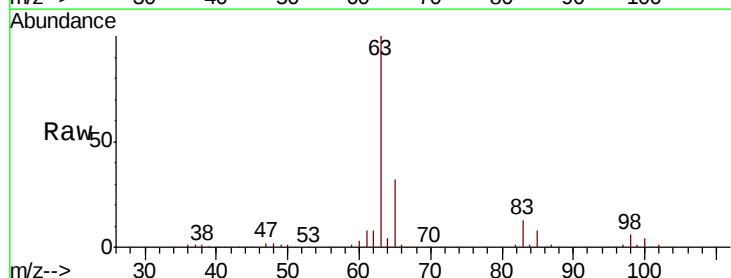
Tgt Ion: 63 Resp: 167719

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

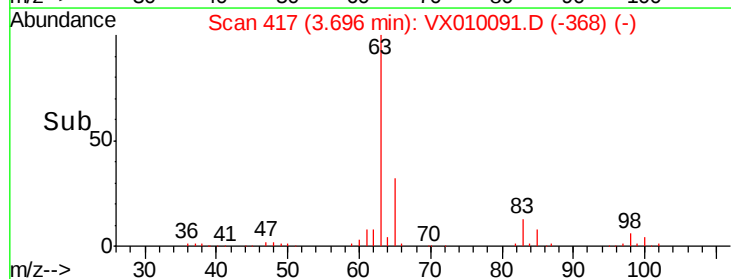
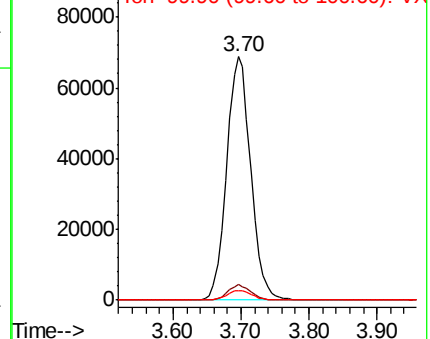
100 3.9 1.8 5.4

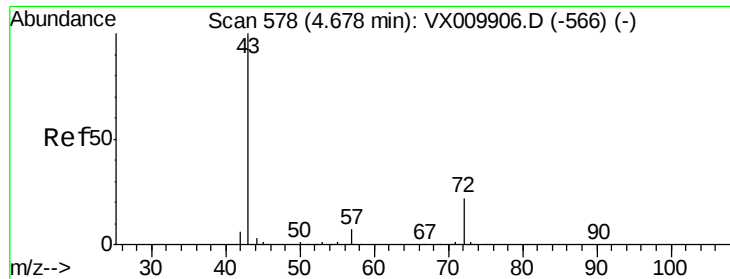


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 235.084 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

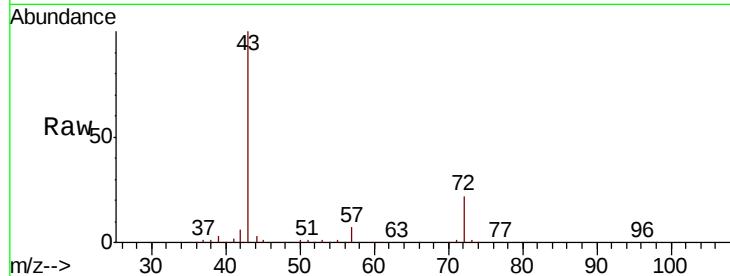
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 457896

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

150000

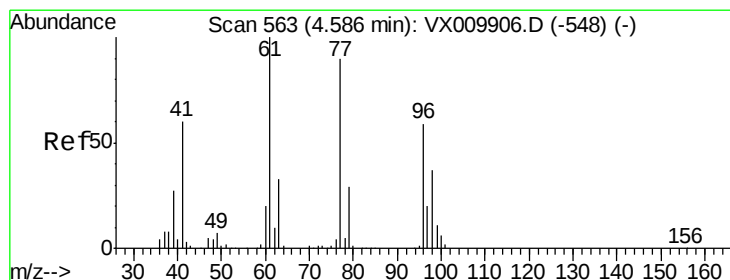
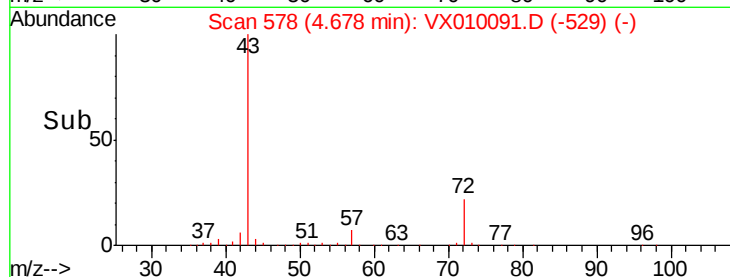
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 43.875 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010091.D

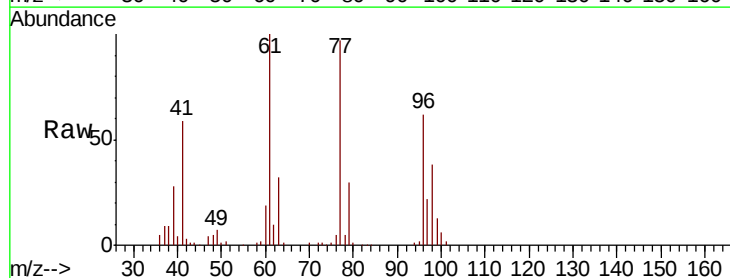
Acq: 05 Jun 2019 20:45

Tgt Ion: 77 Resp: 115389

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

30000

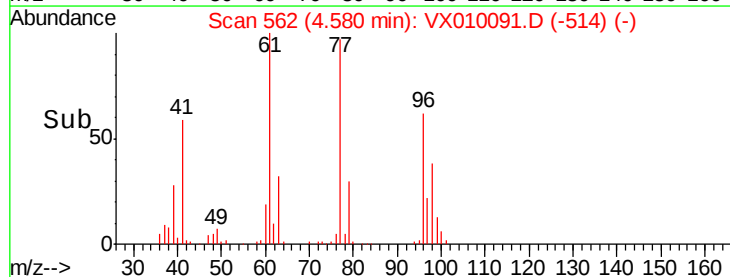
20000

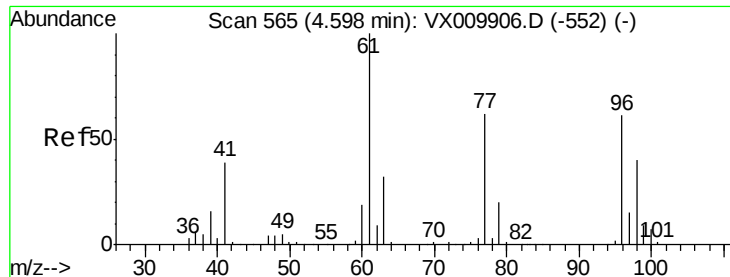
10000

0

Time-->

4.40 4.50 4.60 4.70



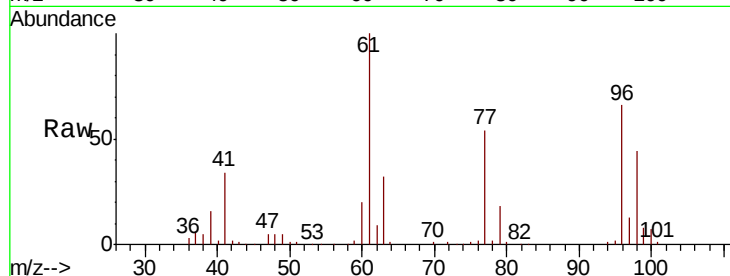


#27

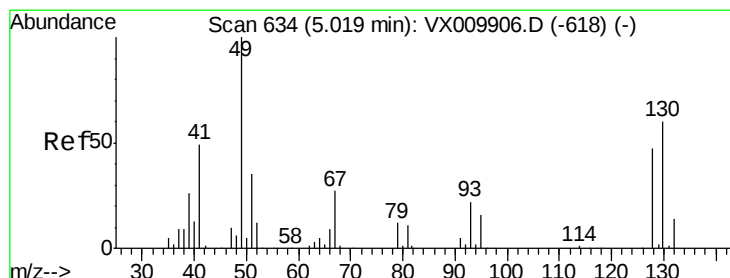
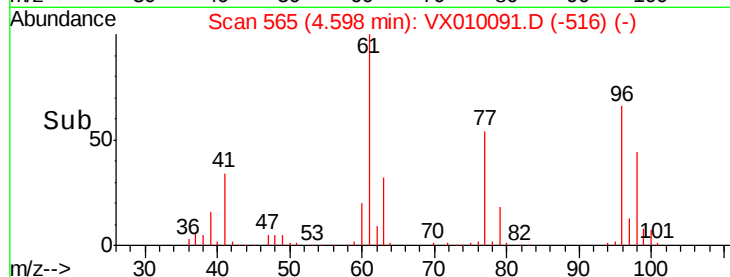
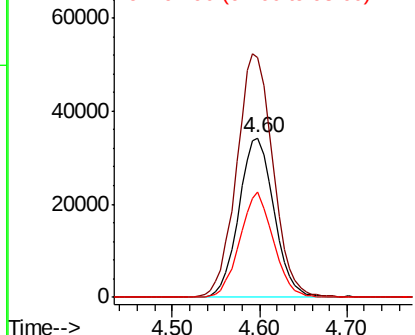
cis-1,2-Dichloroethene
Concen: 47.986 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 95611
Ion Ratio Lower Upper
96 100
61 158.4 0.0 334.0
98 63.5 0.0 131.6



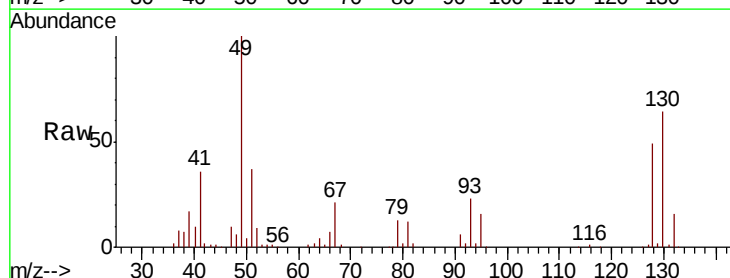
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



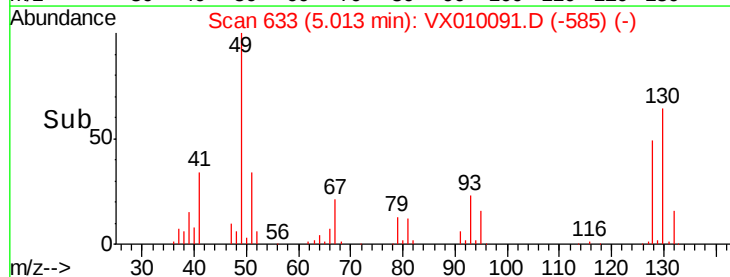
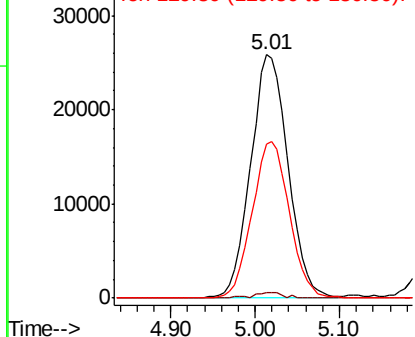
#28

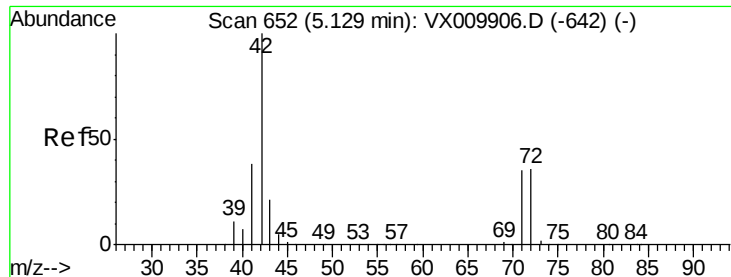
Bromochloromethane
Concen: 43.562 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 49 Resp: 78593
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 64.0 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

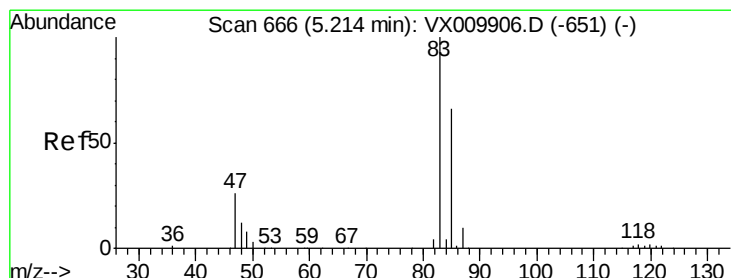
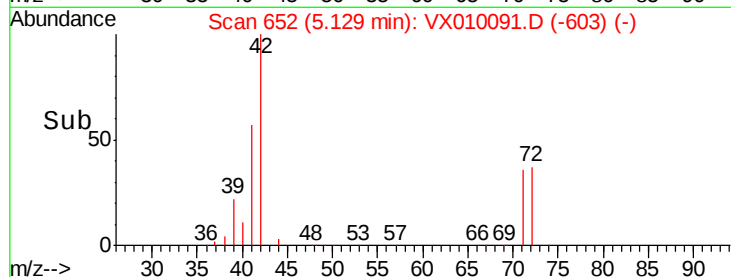
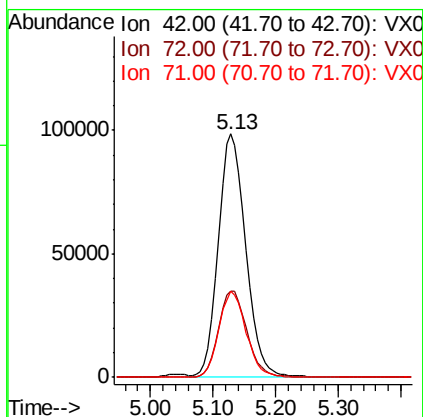
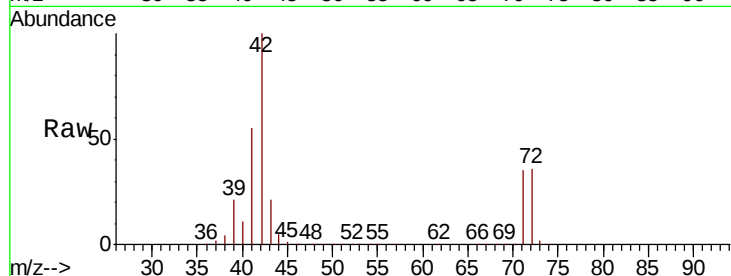




#29
Tetrahydrofuran
Concen: 237.913 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

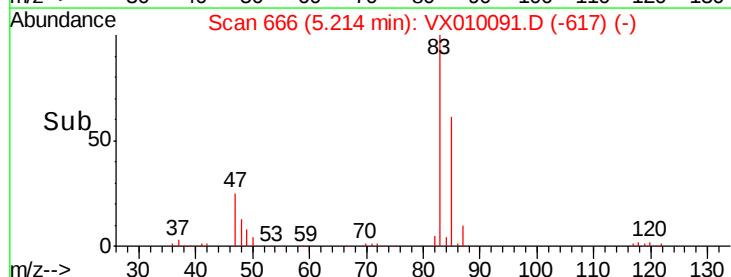
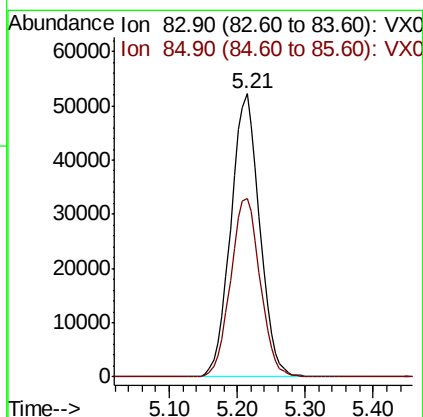
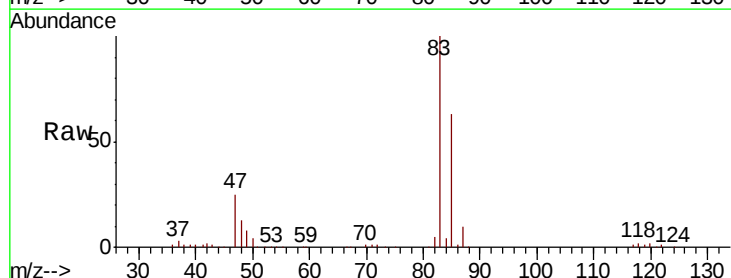
Instrument :
MSVOA_X
ClientSampleId :

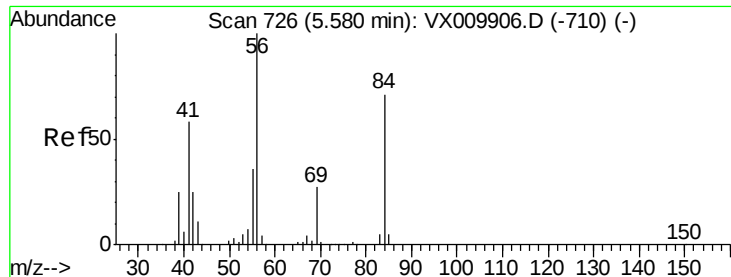
Tot Ion: 42 Resp: 297164
Ion Ratio Lower Upper
42 100
72 37.1 29.2 43.8
71 35.4 27.6 41.4



#30
Chloroform
Concen: 48.917 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 83 Resp: 153376
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8





#31

Cyclohexane

Concen: 49.840 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

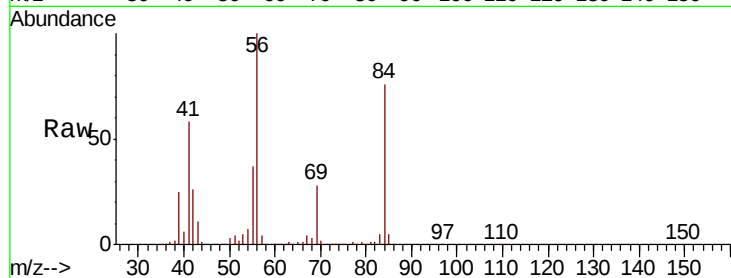
Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 164117

Ion	Ratio	Lower	Upper
56	100		
69	27.5	21.6	32.4
84	75.0	56.8	85.2

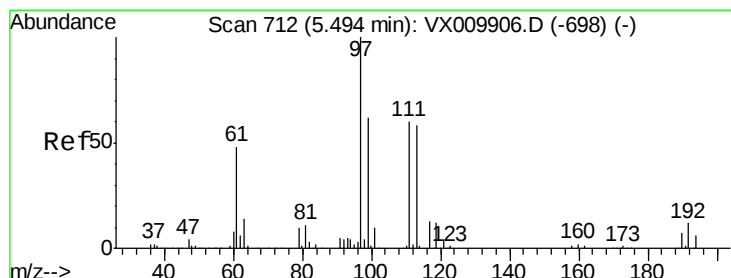
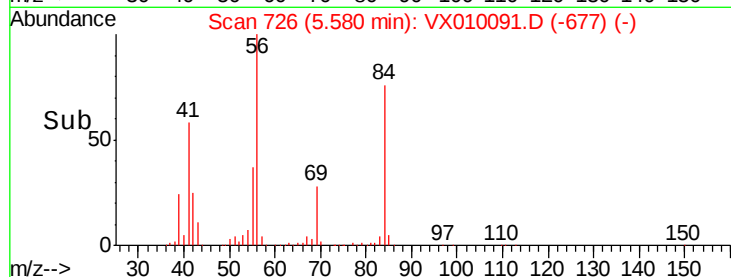
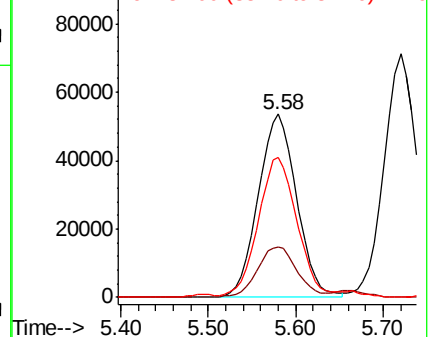


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.882 ug/l

RT: 5.49 min Scan# 712

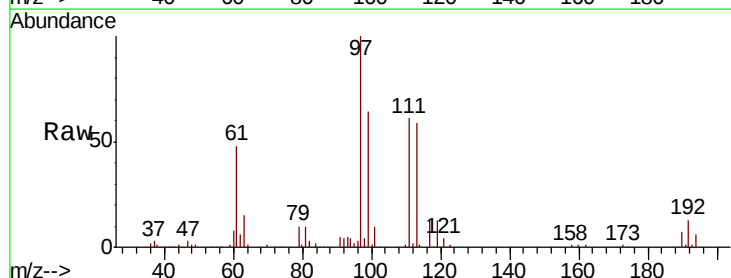
Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Tgt Ion: 97 Resp: 129927

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	47.9	38.7	58.1

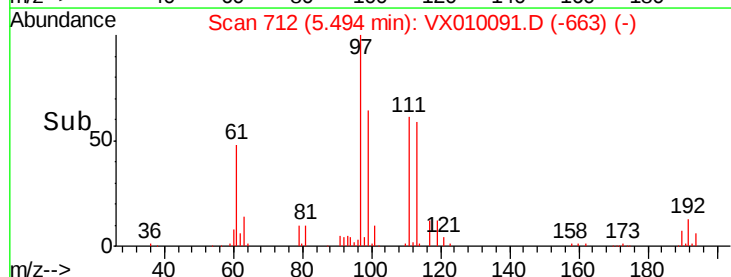
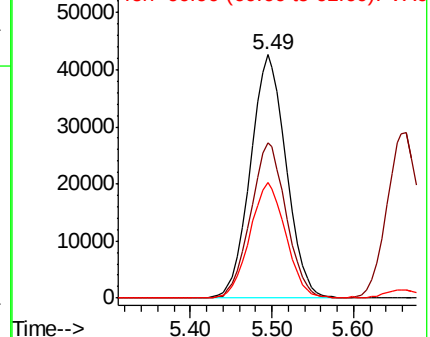


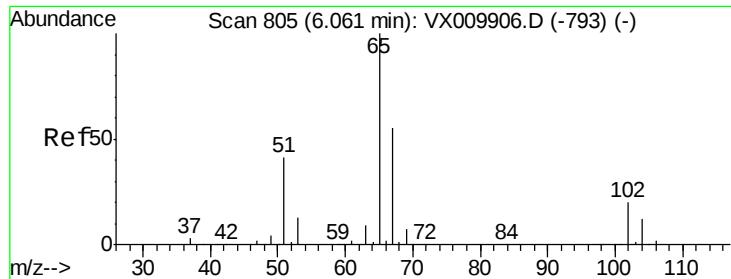
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

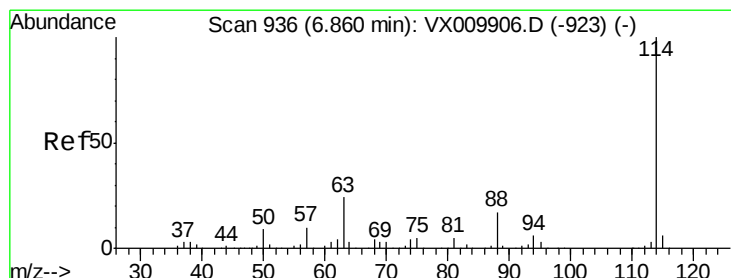
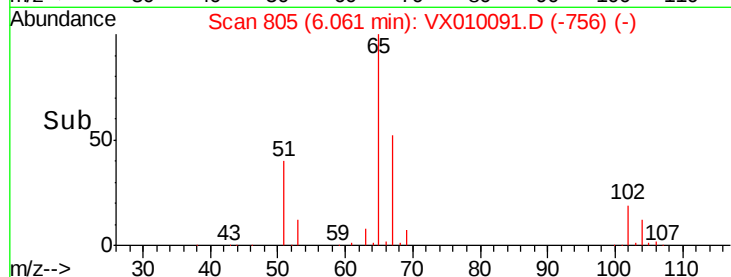
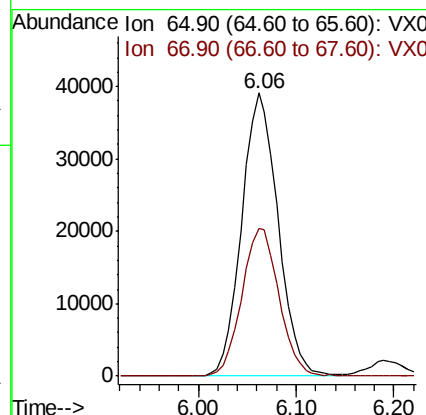
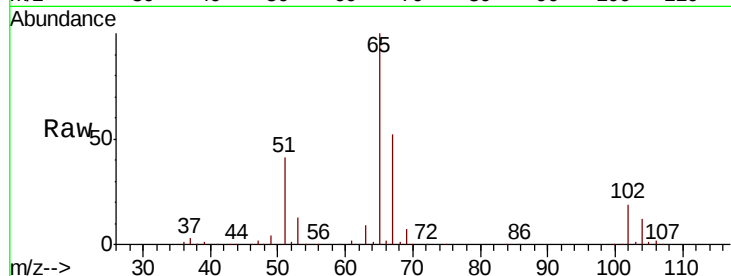




#33
 1,2-Dichloroethane-d4
 Concen: 46.590 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

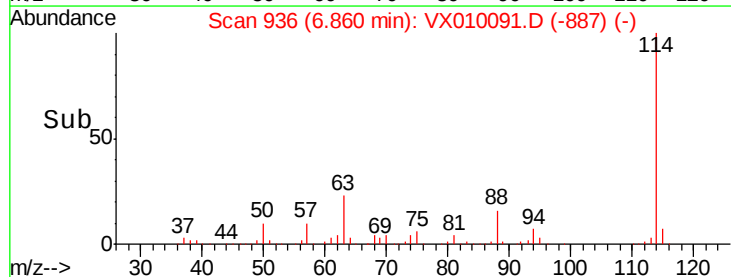
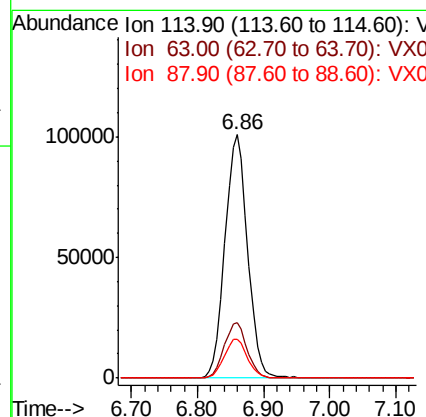
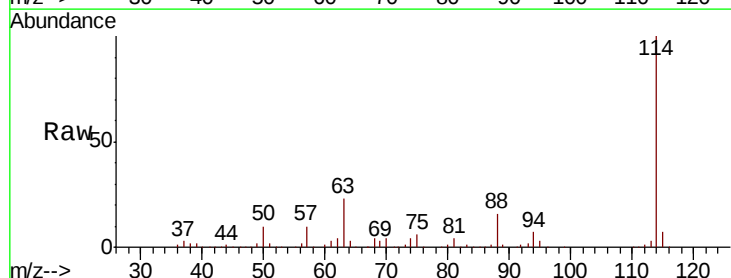
Instrument :
 MSVOA_X
 ClientSampled :

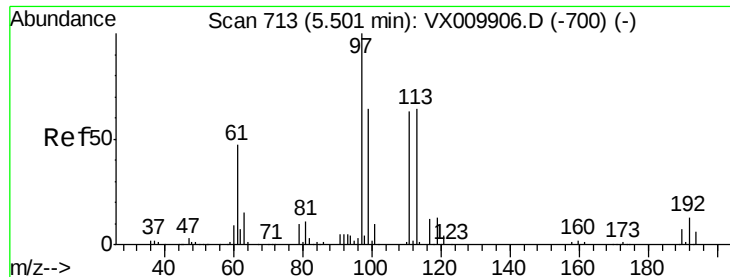
Tot Ion: 65 Resp: 100812
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 114 Resp: 239377
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.1 0.0 33.0

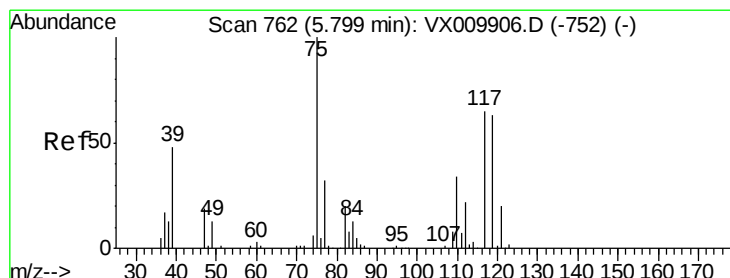
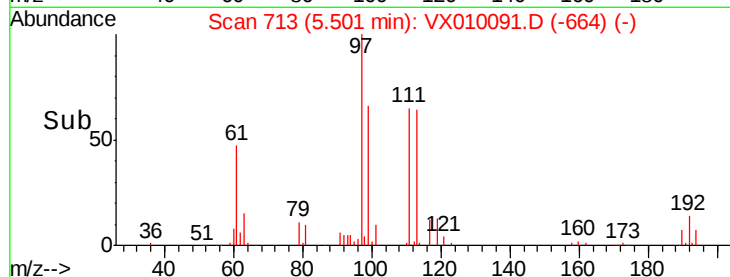
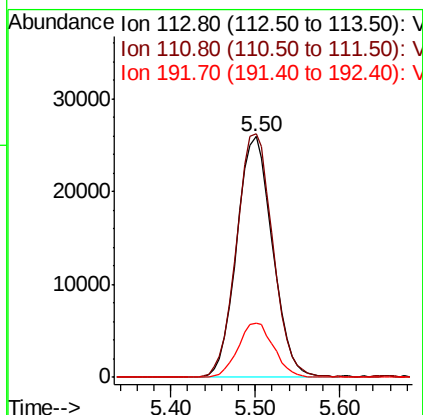
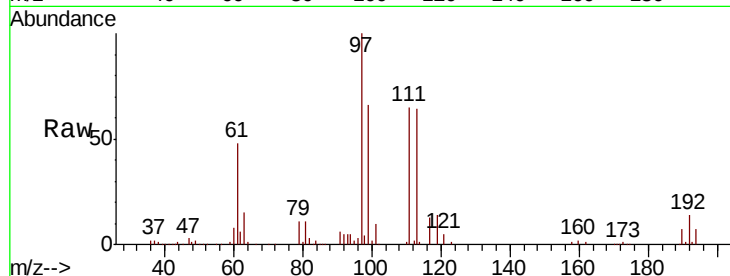




#35
 Dibromofluoromethane
 Concen: 49.545 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

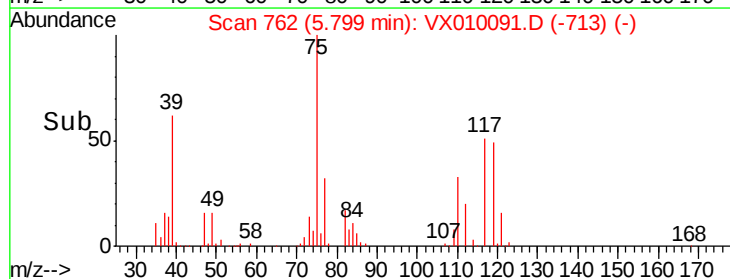
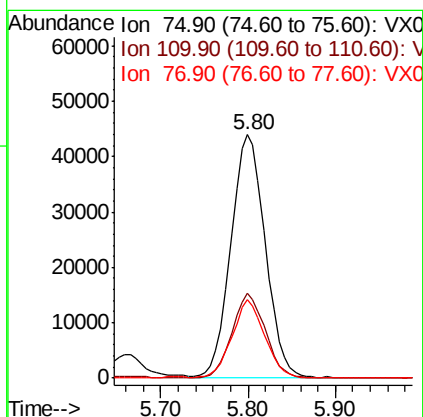
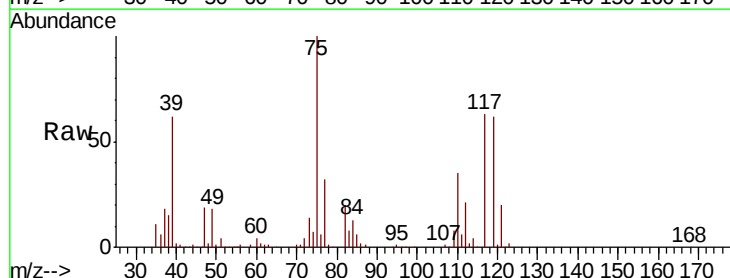
Instrument :
 MSVOA_X
 ClientSampleId :

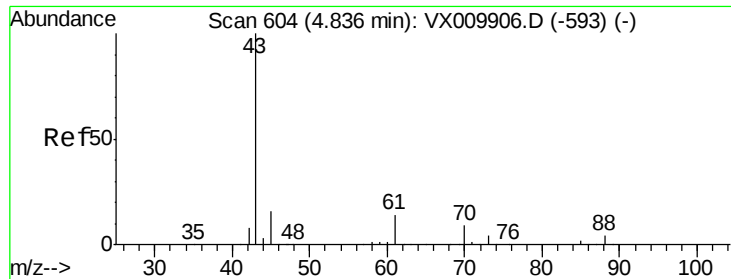
Tot Ion:113 Resp: 74563
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 22.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 49.347 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 75 Resp: 119853
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.7 50.1
 77 31.1 25.0 37.4

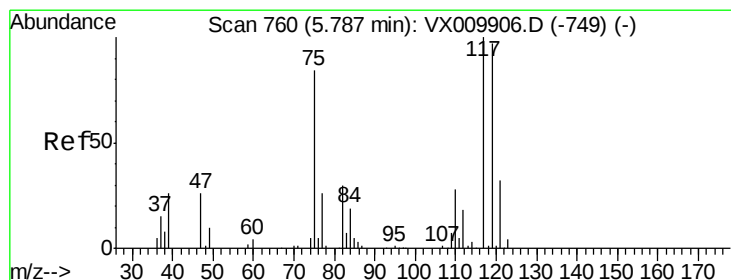
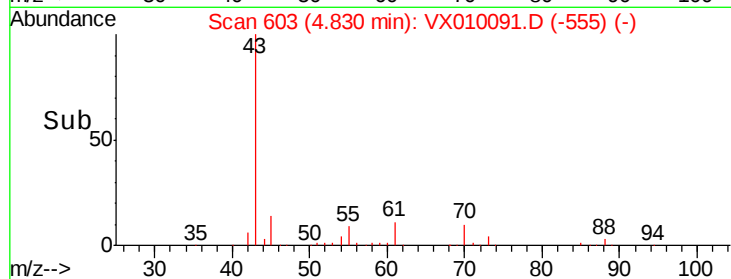
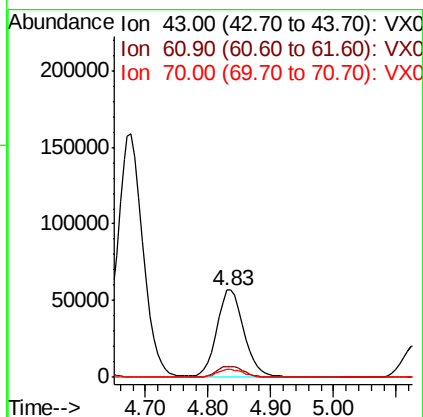
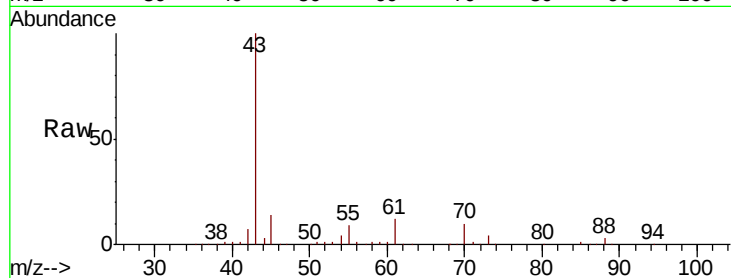




#37
Ethyl Acetate
Concen: 50.670 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

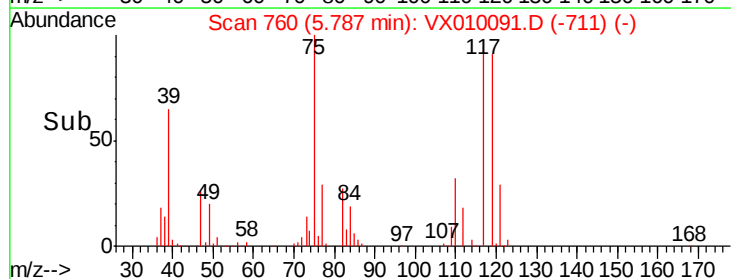
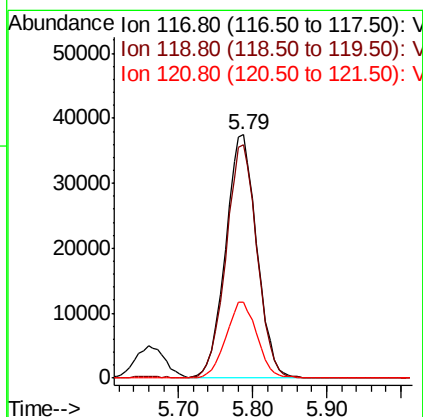
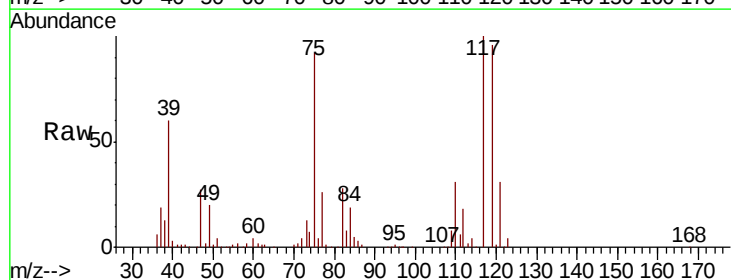
Instrument :
MSVOA_X
ClientSampleId :

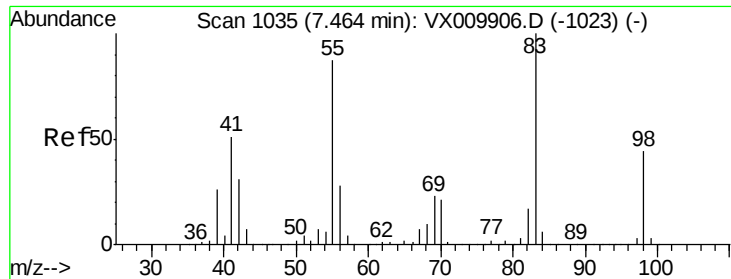
Tot Ion: 43 Resp: 171477
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 52.215 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 117 Resp: 109588
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9
121 31.3 25.4 38.0

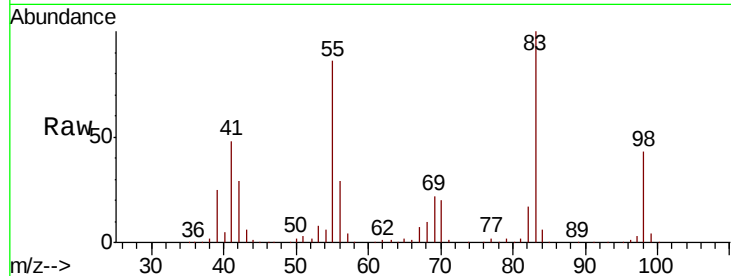




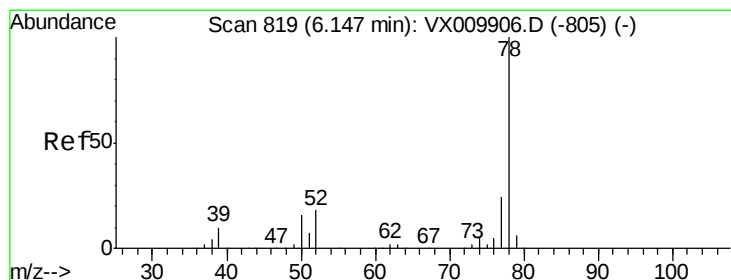
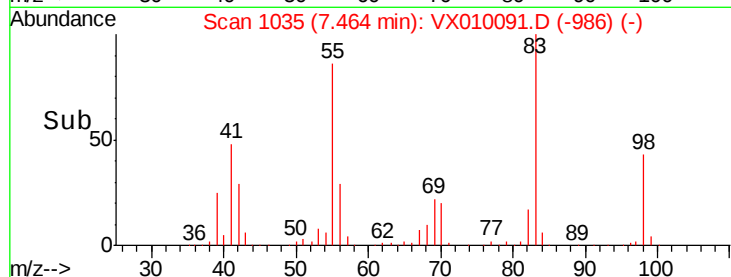
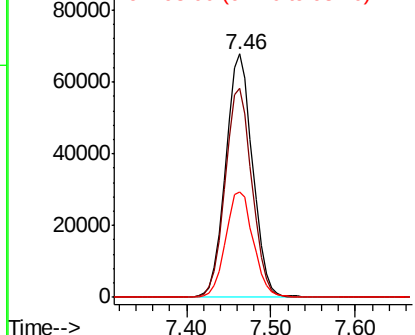
#39
Methvlcvclohexane
Concen: 51.162 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 147394
Ion Ratio Lower Upper
83 100
55 85.8 69.9 104.9
98 43.5 35.1 52.7

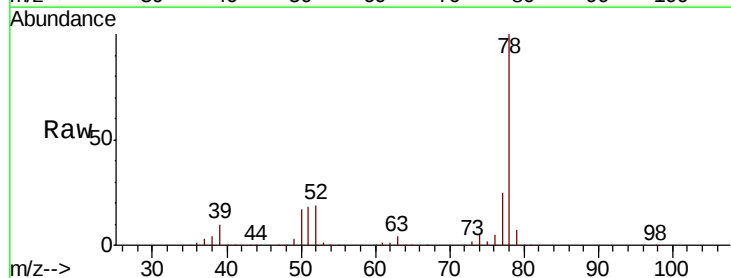


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

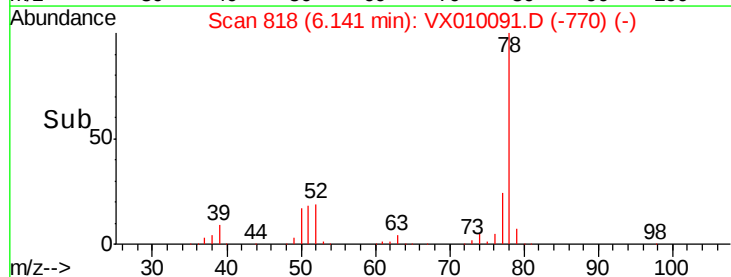
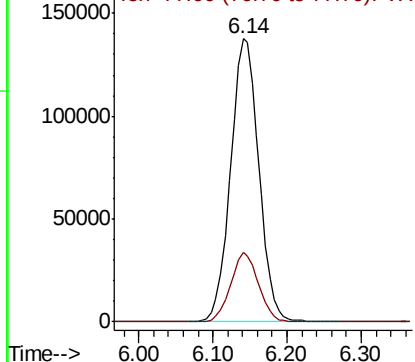


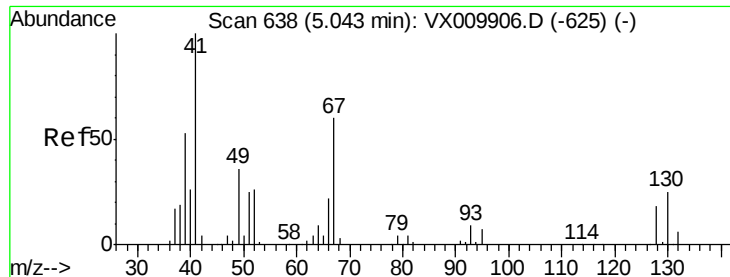
#40
Benzene
Concen: 50.752 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 78 Resp: 365658
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.772 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 96446

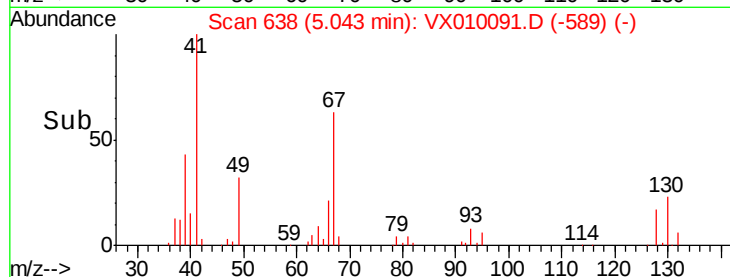
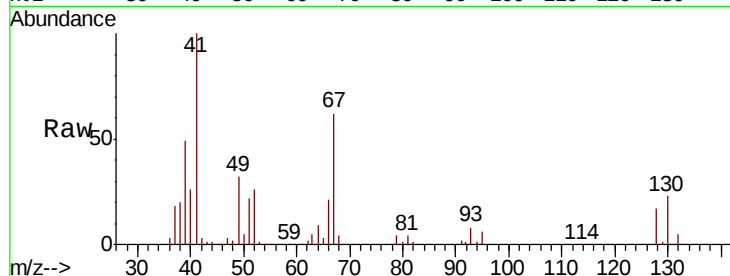
Ion Ratio Lower Upper

41 100

39 52.5 42.2 63.4

67 62.8 48.9 73.3

52 26.3 20.1 30.1

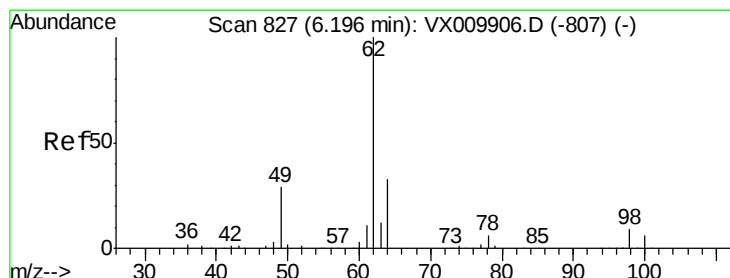
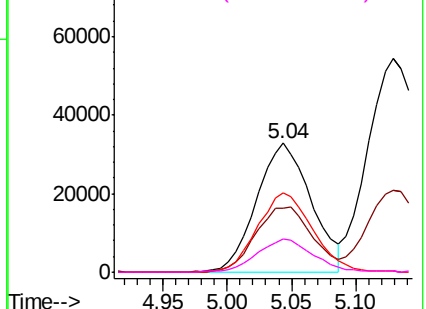


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 49.607 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010091.D

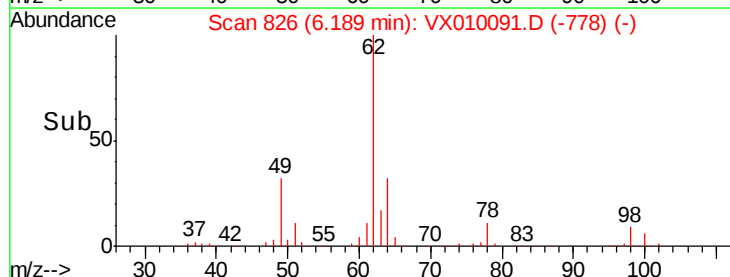
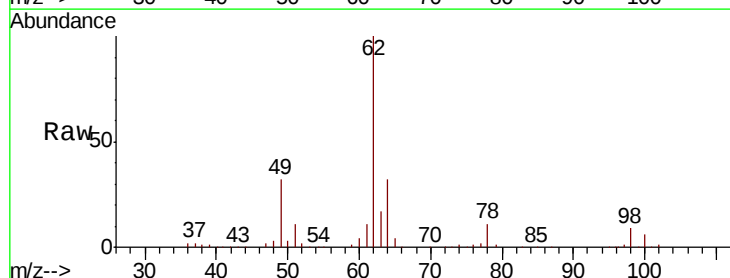
Acq: 05 Jun 2019 20:45

Tgt Ion: 62 Resp: 132132

Ion Ratio Lower Upper

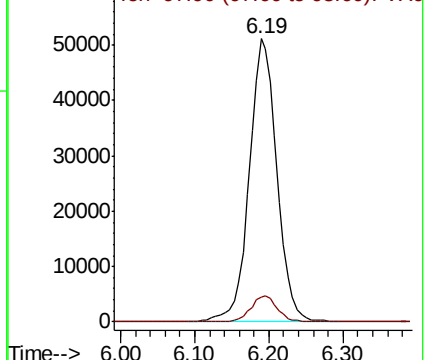
62 100

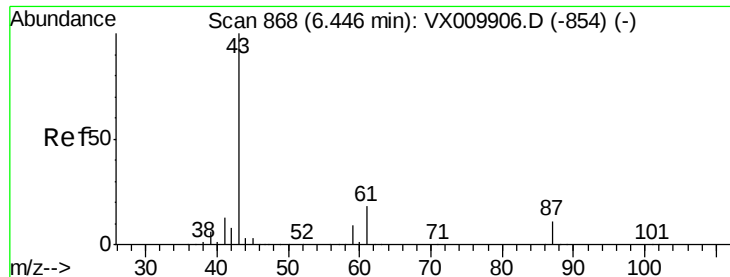
98 8.9 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



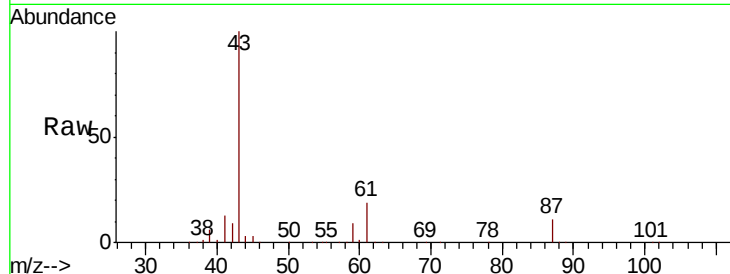


#43

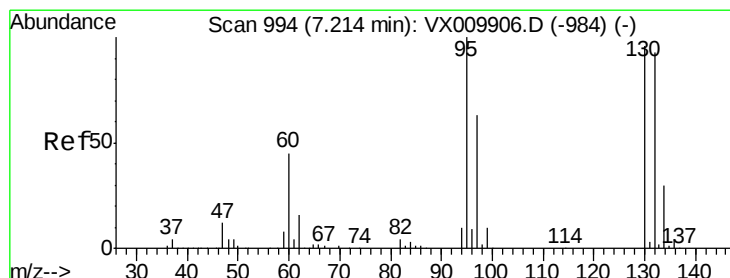
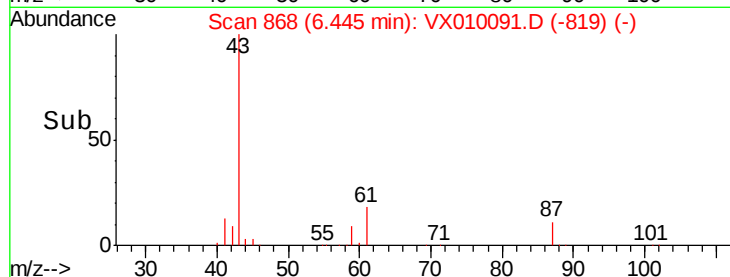
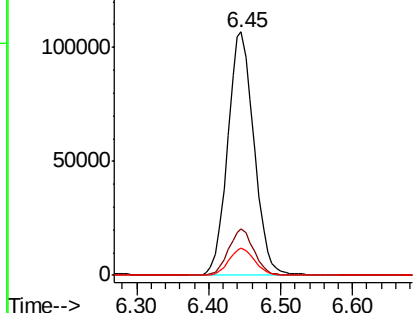
Isopropyl Acetate
 Concen: 49.433 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.6	21.8
87	11.0	8.7	13.1



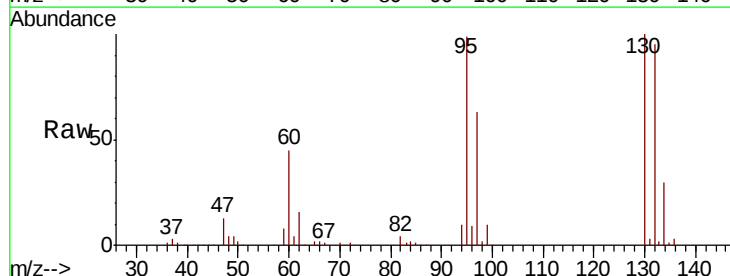
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



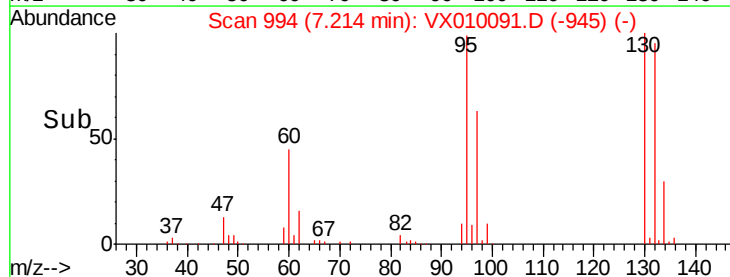
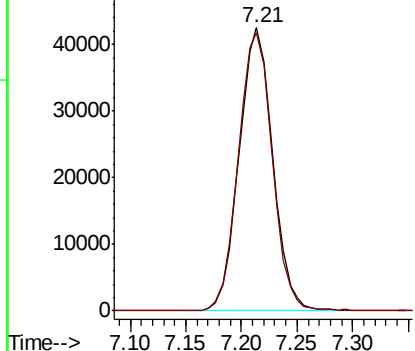
#44

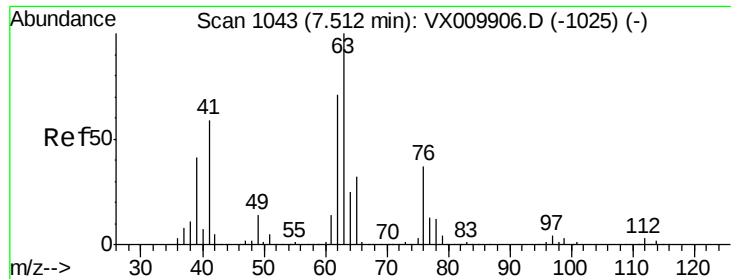
Trichloroethene
 Concen: 50.918 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	207.4



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

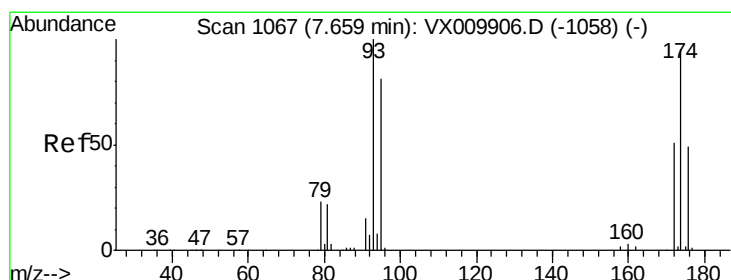
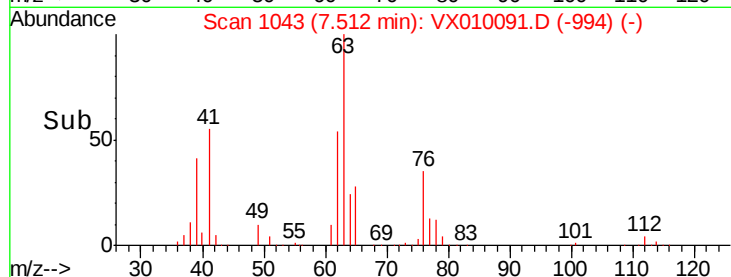
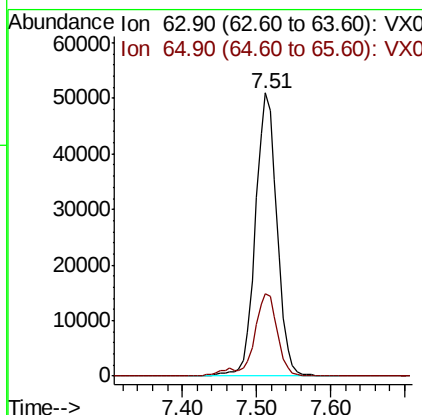
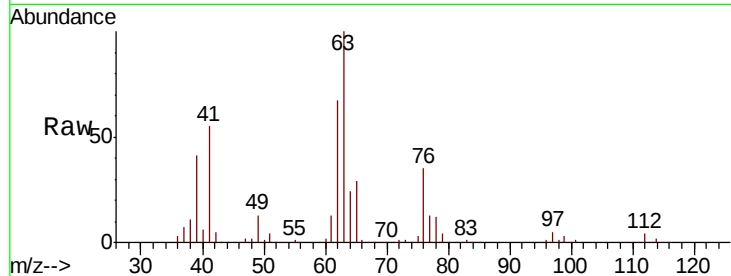




#45
 1,2-Dichloropropane
 Concen: 49.944 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

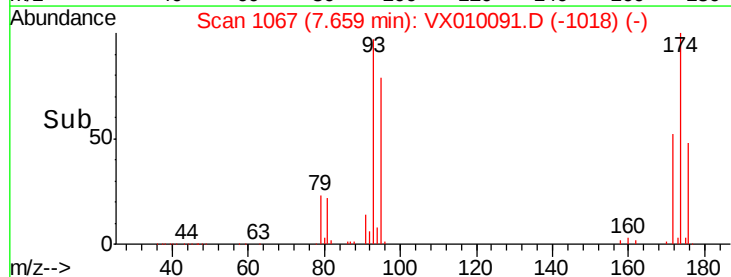
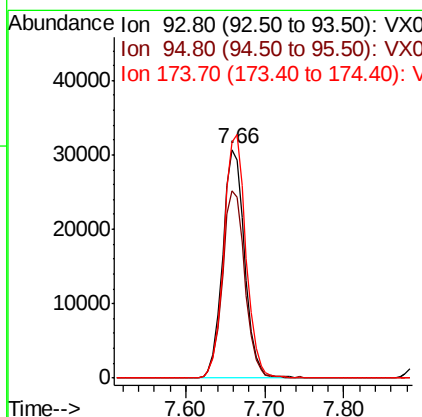
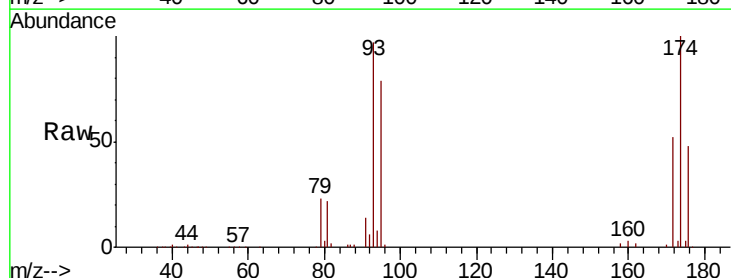
Instrument :
 MSVOA_X
 ClientSampled :

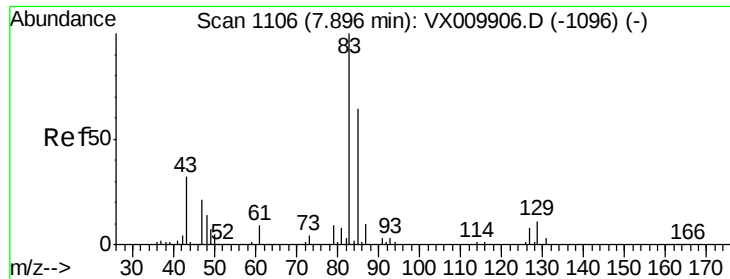
Tot Ion: 63 Resp: 103584
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.7 38.5



#46
 Dibromomethane
 Concen: 48.770 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 93 Resp: 59539
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 107.4 81.9 122.9





#47

Bromodichloromethane

Concen: 52.198 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

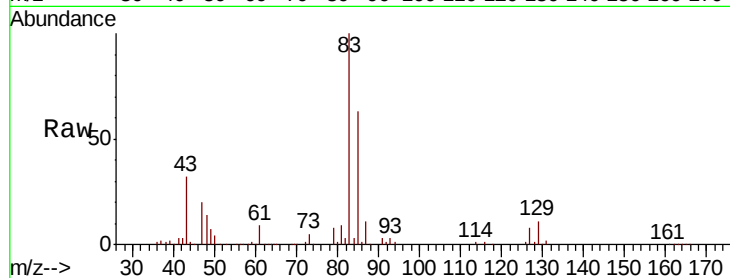
Tot Ion: 83 Resp: 121180

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.2

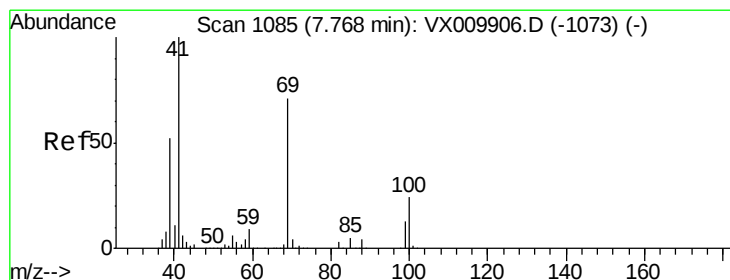
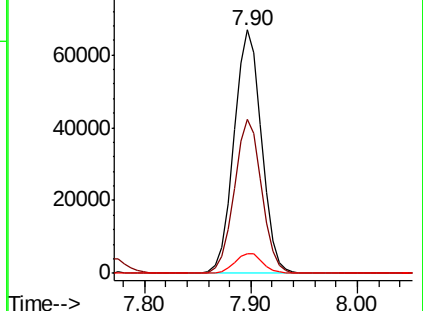
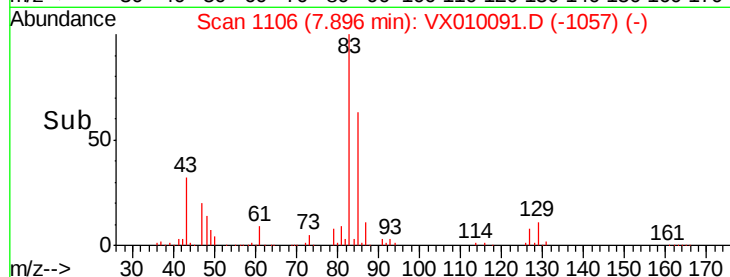
127 8.1 6.4 9.6



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: 50.781 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

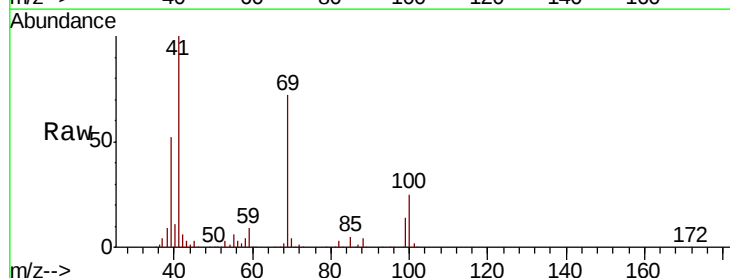
Tgt Ion: 41 Resp: 137269

Ion Ratio Lower Upper

41 100

69 72.2 56.4 84.6

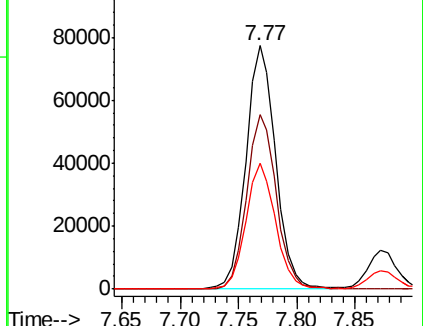
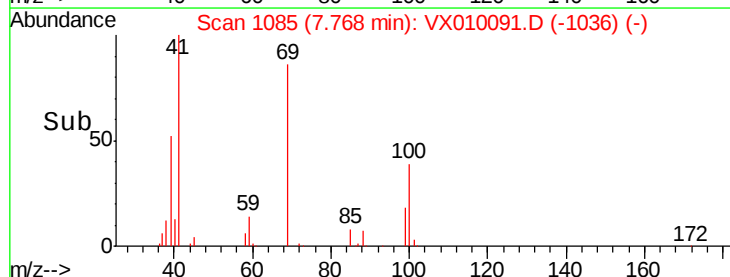
39 51.5 40.6 60.8

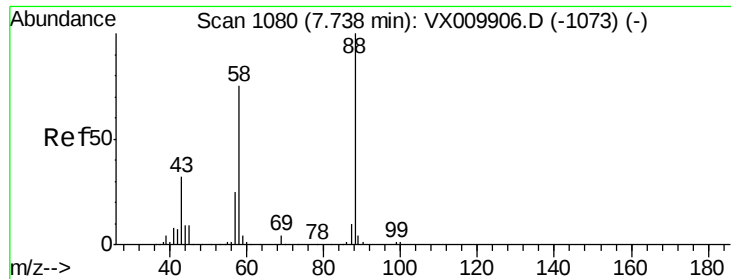


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

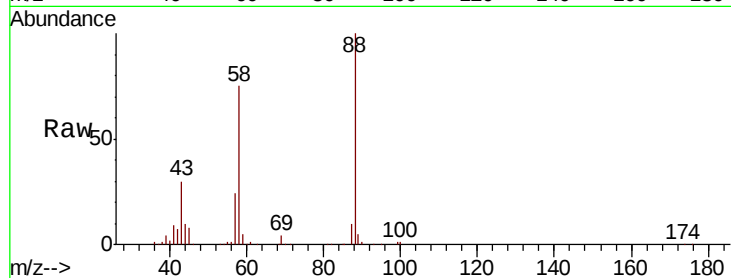




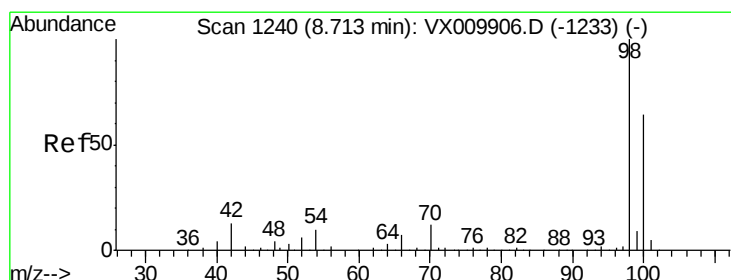
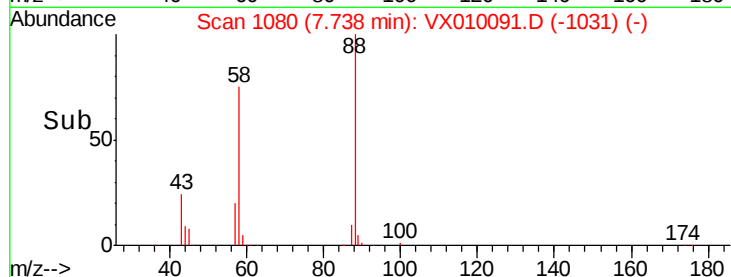
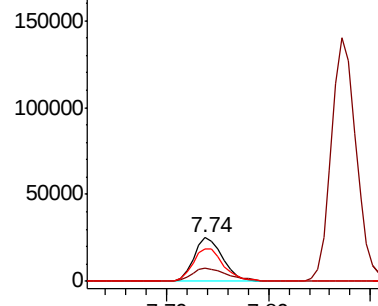
#49
 1,4-Dioxane
 Concen: 995.048 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 50032
 Ion Ratio Lower Upper
 88 100
 43 36.7 30.2 45.4
 58 78.6 64.0 96.0

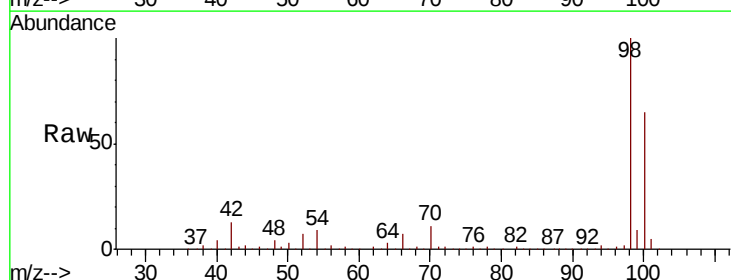


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

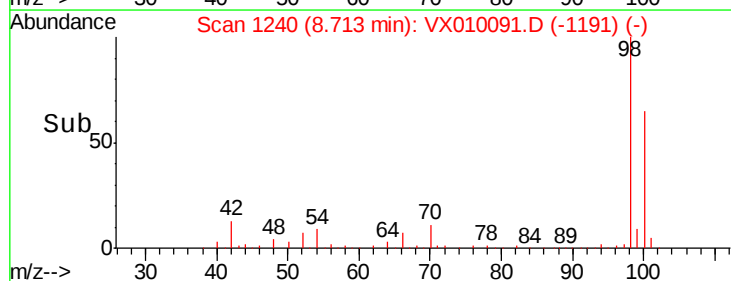
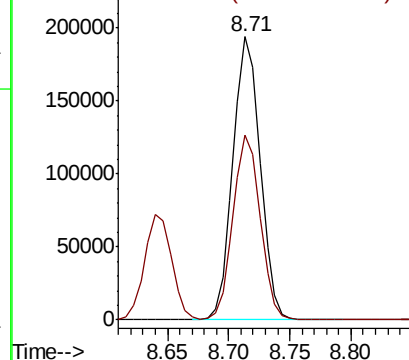


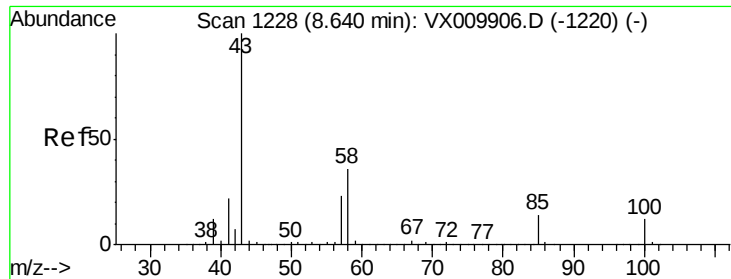
#50
 Toluene-d8
 Concen: 49.026 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 98 Resp: 299615
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 253.744 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

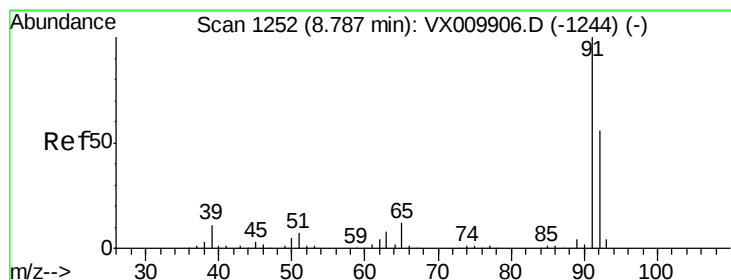
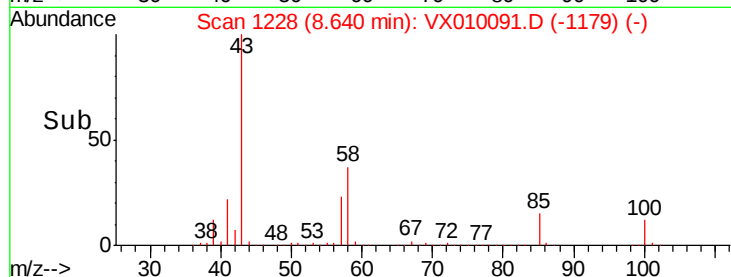
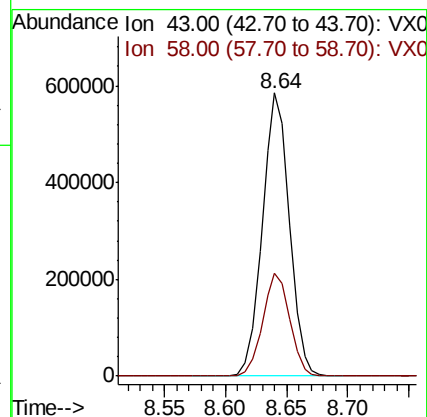
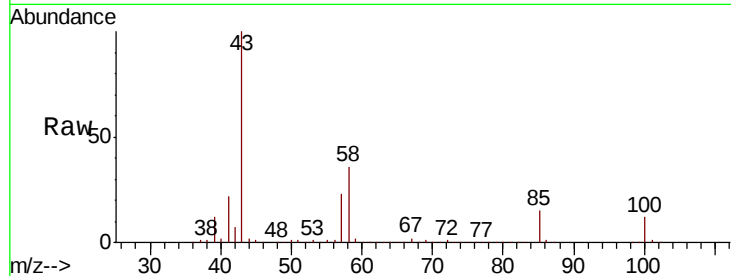
ClientSampleId :

Tot Ion: 43 Resp: 901332

Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2



#52

Toluene

Concen: 51.662 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010091.D

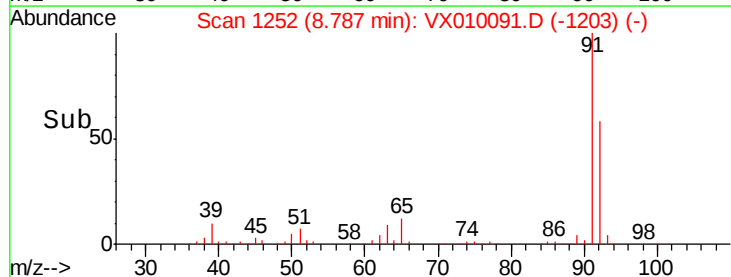
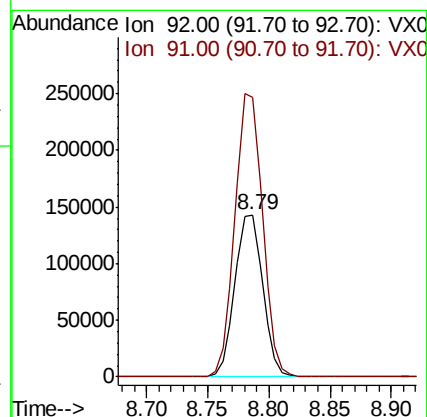
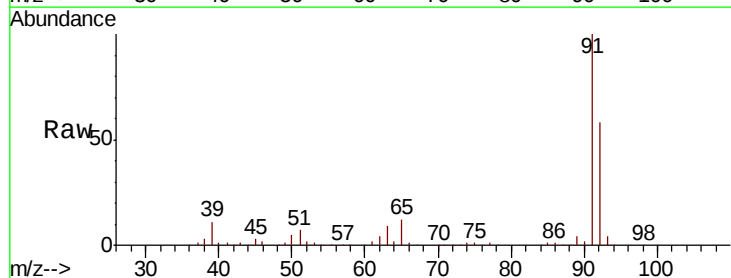
Acq: 05 Jun 2019 20:45

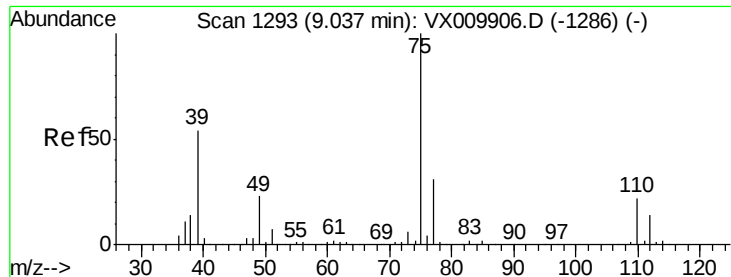
Tgt Ion: 92 Resp: 225995

Ion Ratio Lower Upper

92 100

91 173.4 139.9 209.9

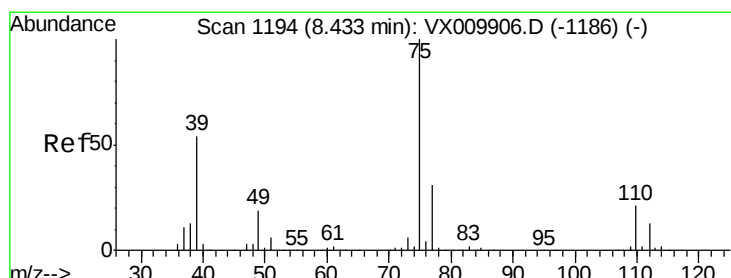
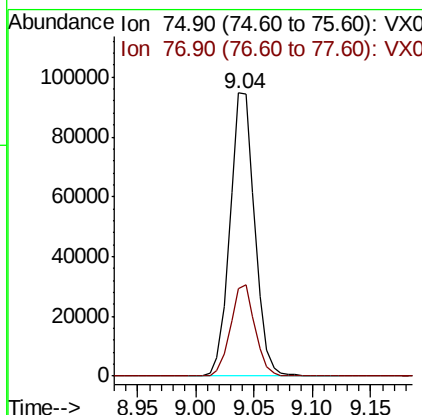
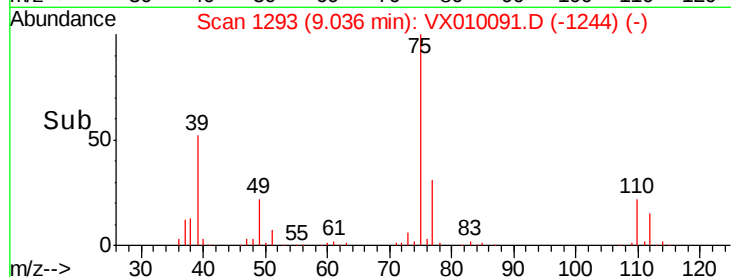
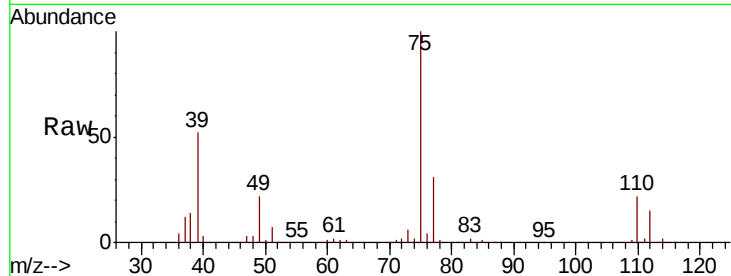




#53
 t-1,3-Dichloropropene
 Concen: 50.410 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

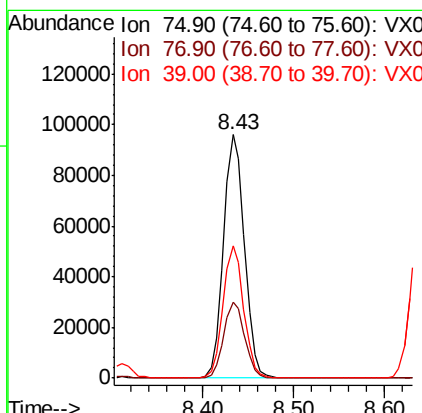
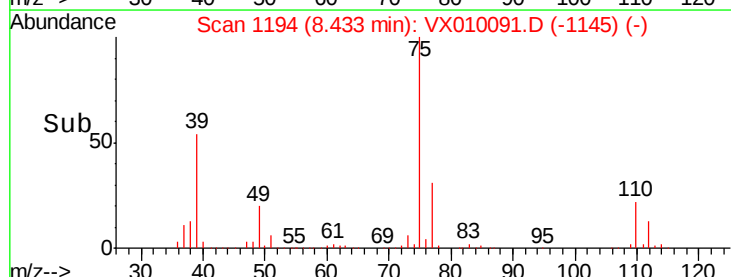
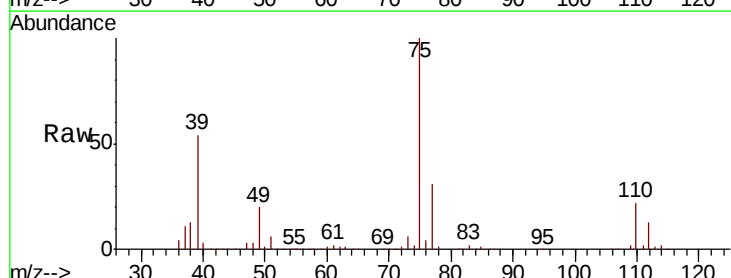
Instrument :
 MSVOA_X
 ClientSampleId :

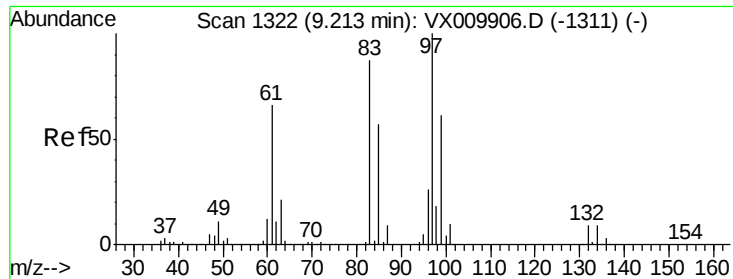
Tot Ion: 75 Resp: 140353
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.802 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 75 Resp: 154110
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 54.4 43.4 65.0

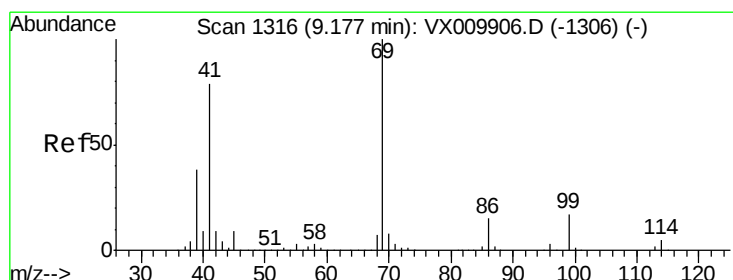
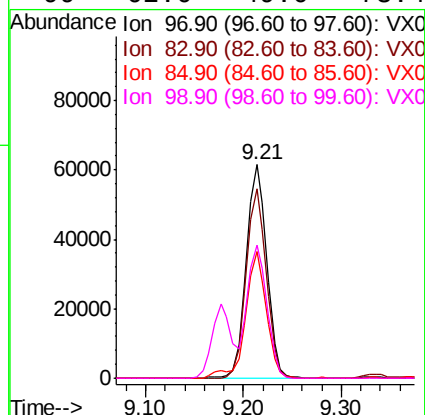
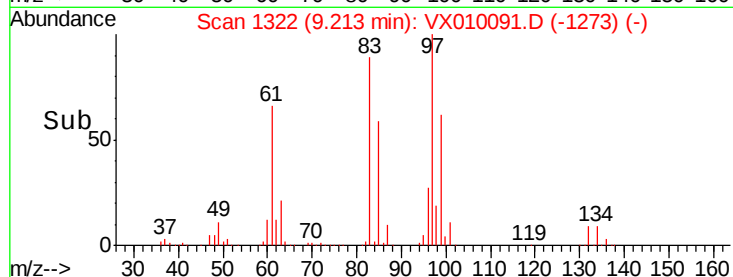
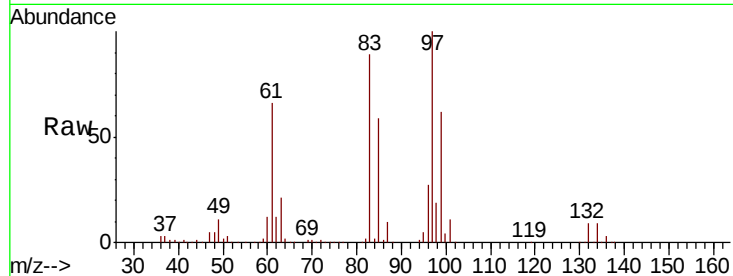




#55
 1,1,2-Trichloroethane
 Concen: 51.053 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

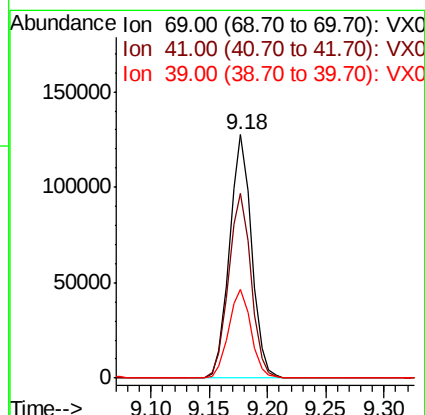
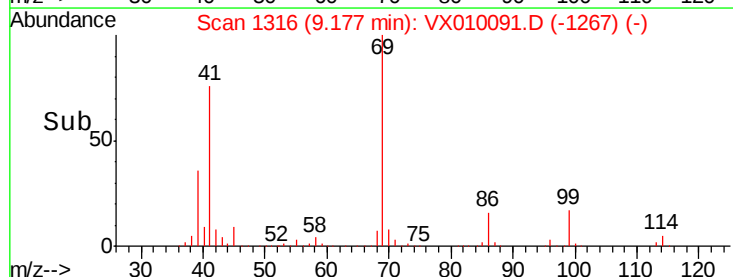
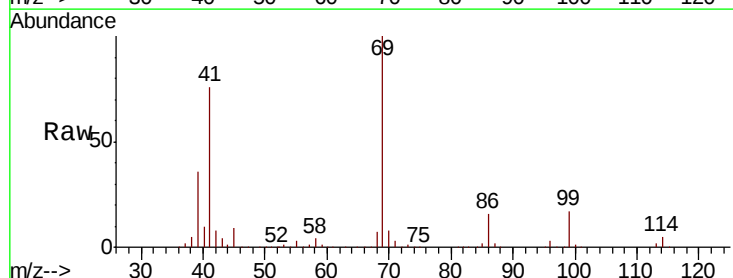
Instrument :
 MSVOA_X
 ClientSampleId :

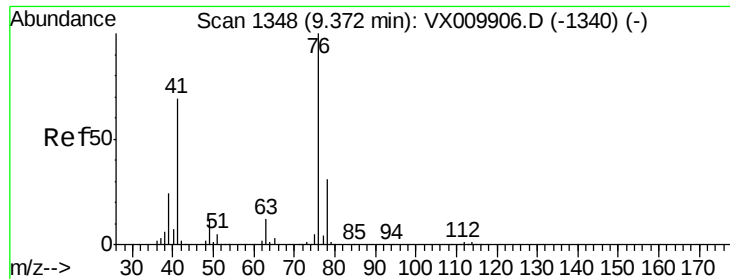
Tot Ion:	97	Resp:	89887
Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.8	104.8
85	59.1	45.3	67.9
99	62.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 53.742 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion:	69	Resp:	168458
Ion	Ratio	Lower	Upper
69	100		
41	77.2	62.7	94.1
39	36.6	29.5	44.3





#57

1,3-Dichloropropane

Concen: 50.424 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

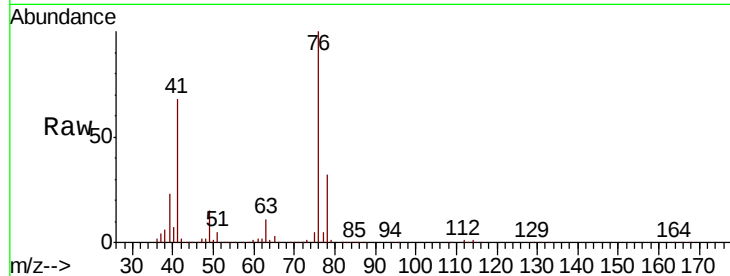
ClientSampleId :

Tot Ion: 76 Resp: 159439

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

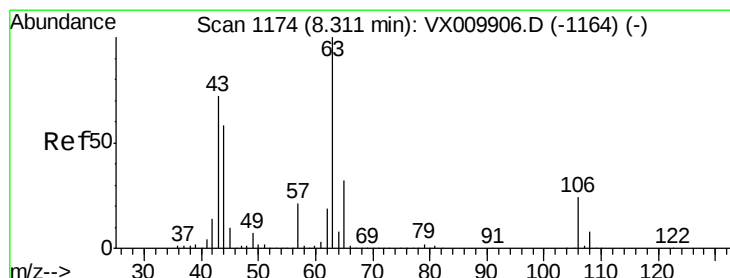
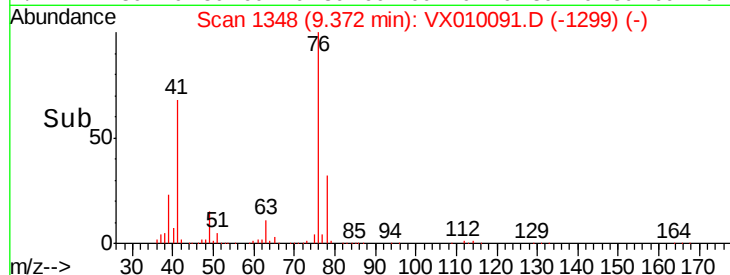
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.393 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010091.D

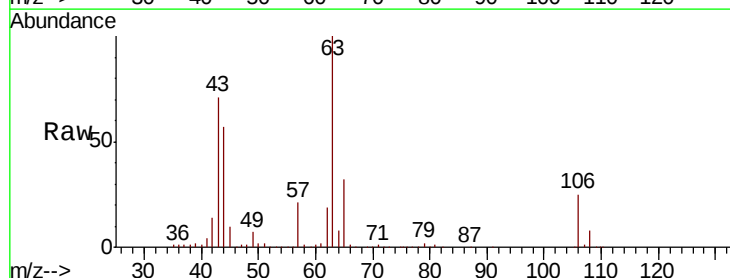
Acq: 05 Jun 2019 20:45

Tgt Ion: 63 Resp: 401703

Ion Ratio Lower Upper

63 100

106 24.6 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

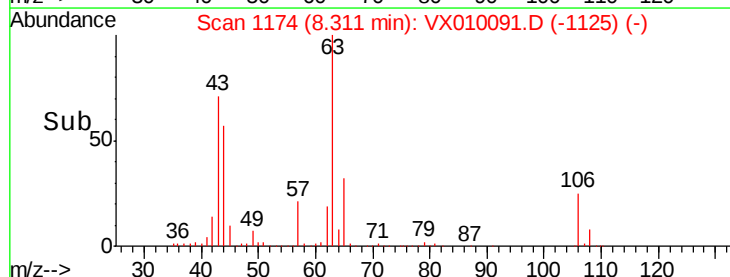
150000

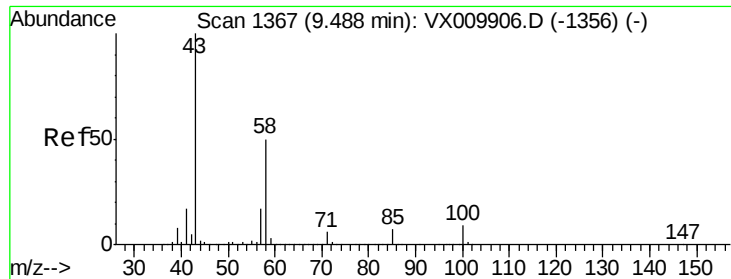
100000

50000

0

Time-->

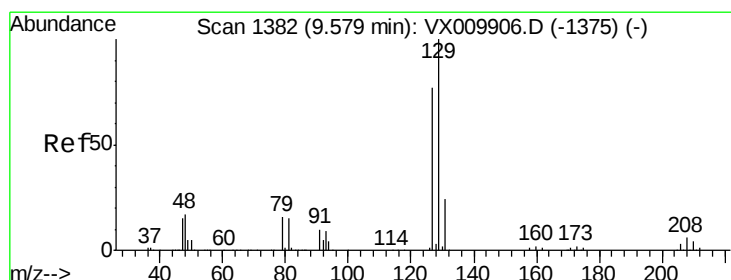
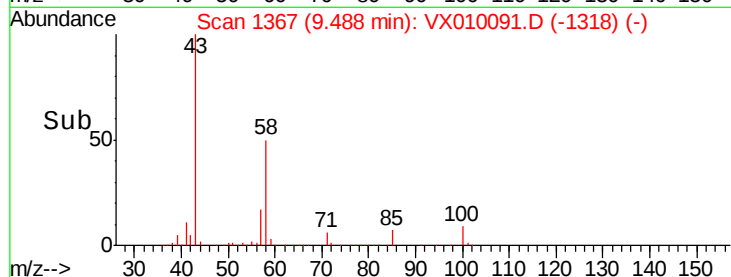
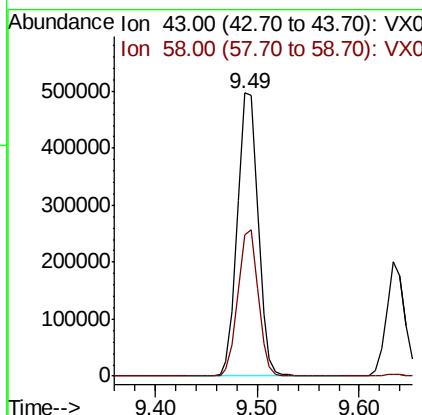
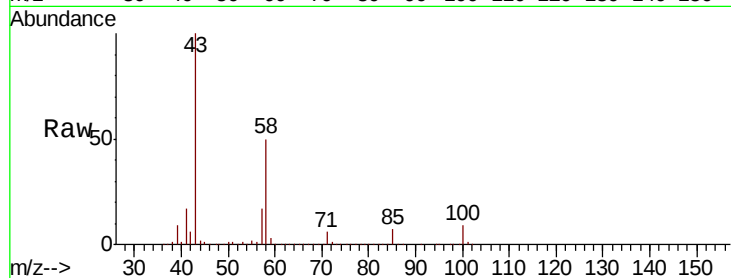




#59
2-Hexanone
Concen: 252.889 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

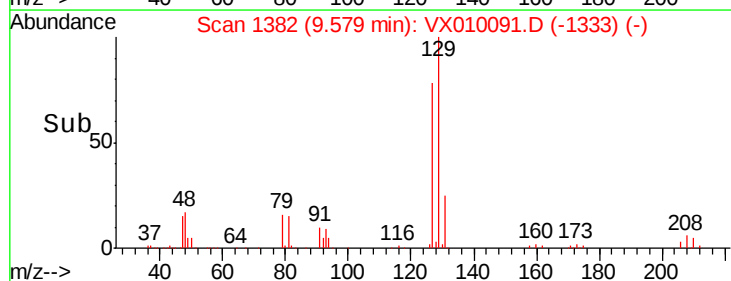
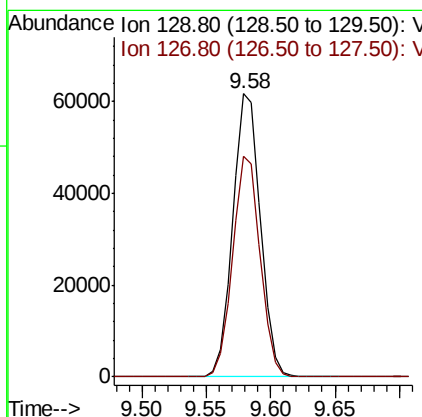
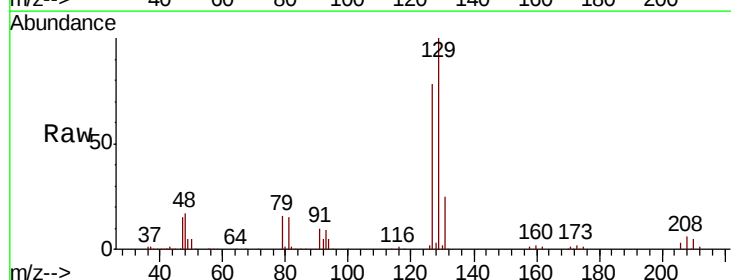
Instrument :
MSVOA_X
ClientSampled :

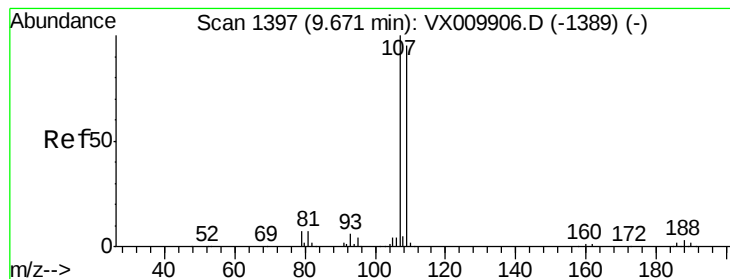
Tot Ion: 43 Resp: 691599
Ion Ratio Lower Upper
43 100
58 50.8 25.1 75.3



#60
Dibromochloromethane
Concen: 53.249 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:129 Resp: 92226
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.612 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

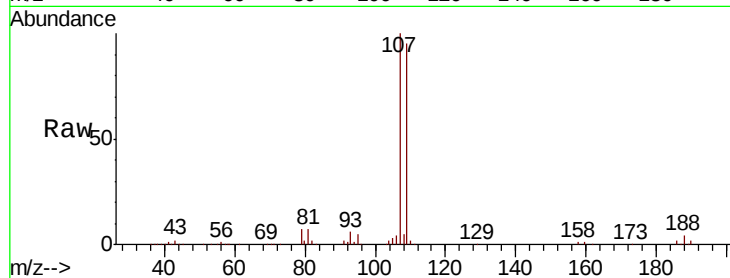
ClientSampleId :

Tot Ion:107 Resp: 93357

Ion Ratio Lower Upper

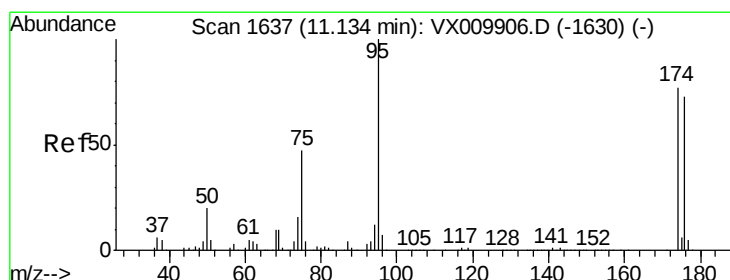
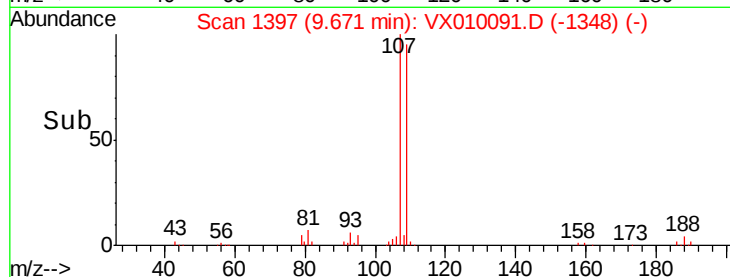
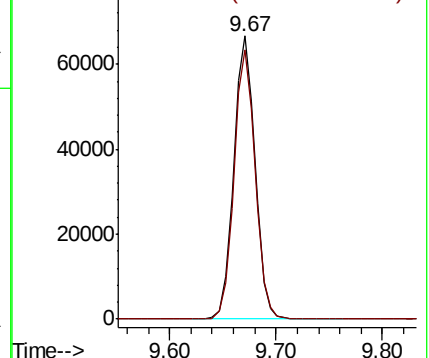
107 100

109 94.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.851 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

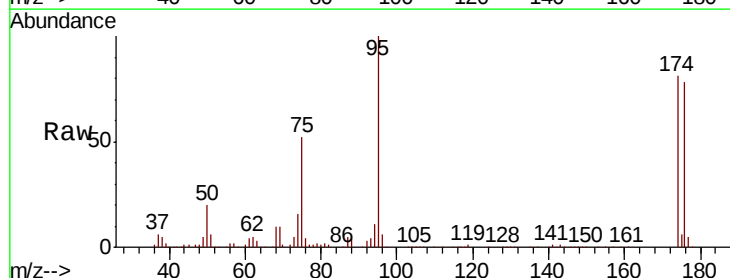
Tgt Ion: 95 Resp: 111622

Ion Ratio Lower Upper

95 100

174 84.6 0.0 160.4

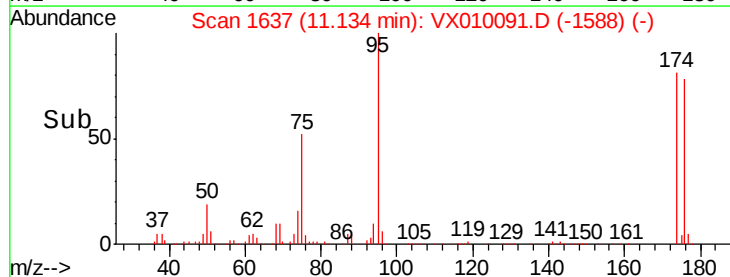
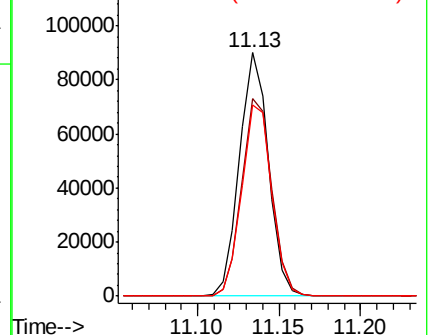
176 81.9 0.0 154.6

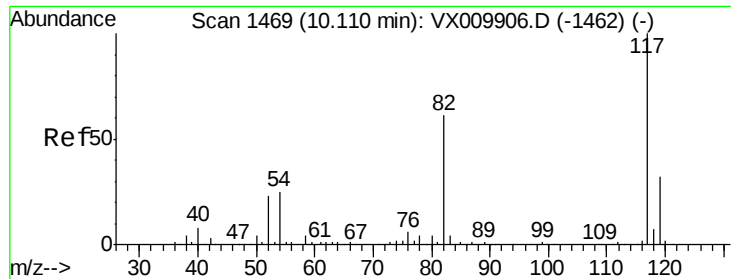


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

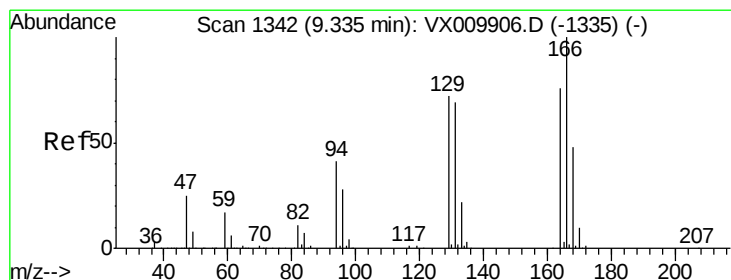
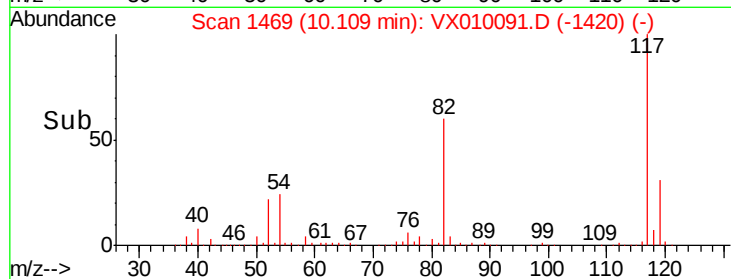
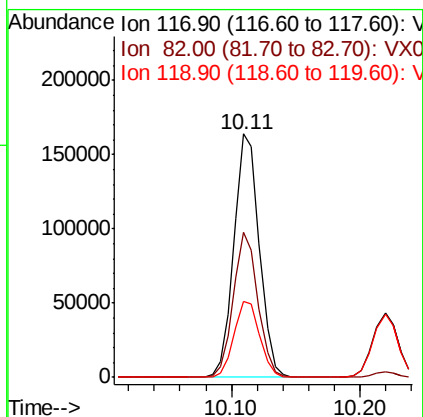
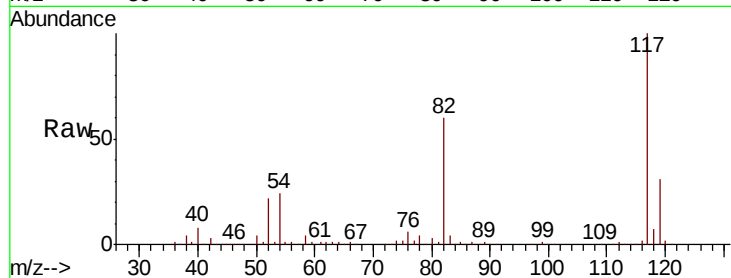




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

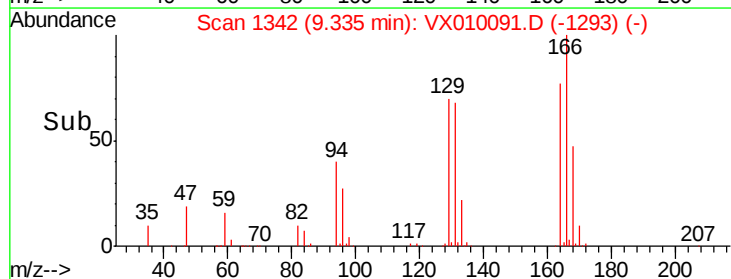
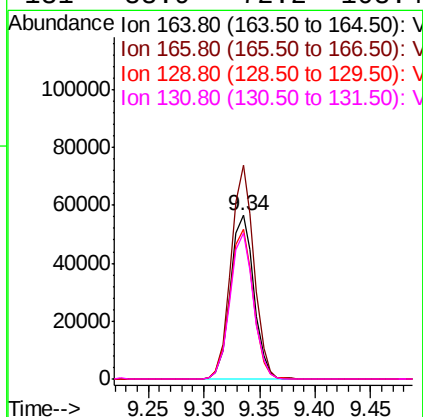
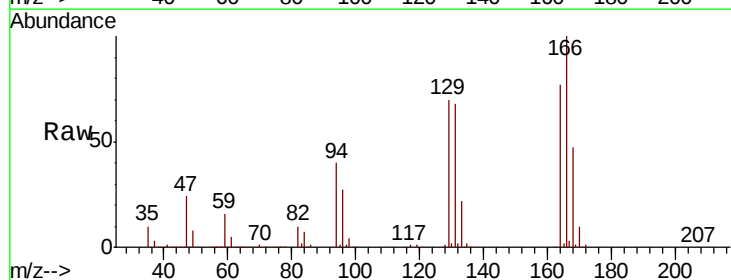
Instrument :
MSVOA_X
ClientSampleId :

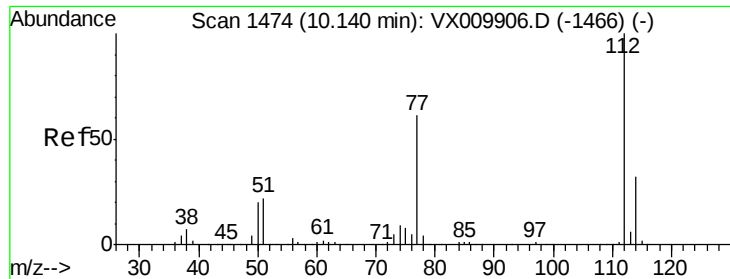
Tot Ion:117 Resp: 224631
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 31.1 25.2 37.8



#64
Tetrachloroethene
Concen: 52.683 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:164 Resp: 82662
Ion Ratio Lower Upper
164 100
166 130.5 105.0 157.4
129 91.7 75.1 112.7
131 88.9 72.2 108.4

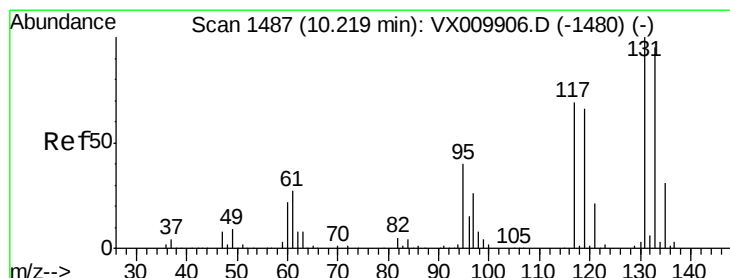
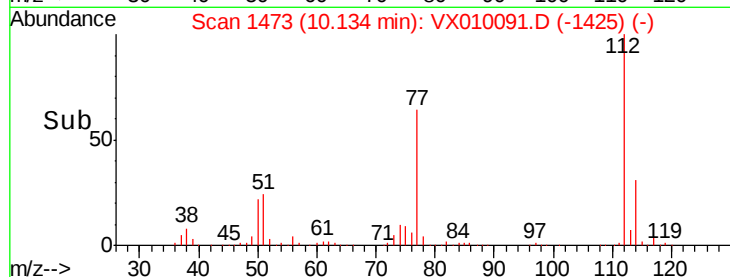
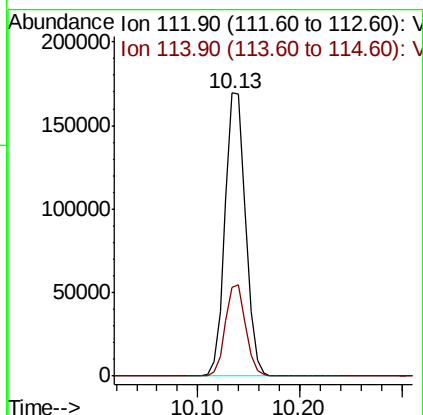
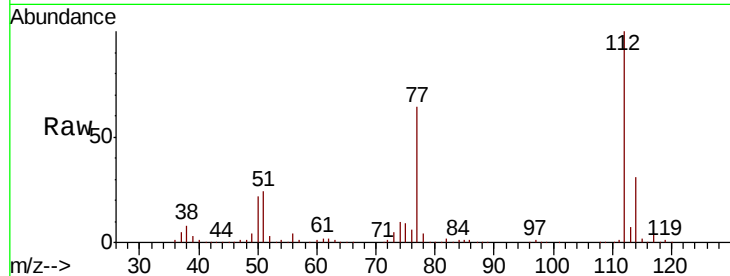




#65
Chlorobenzene
Concen: 50.343 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

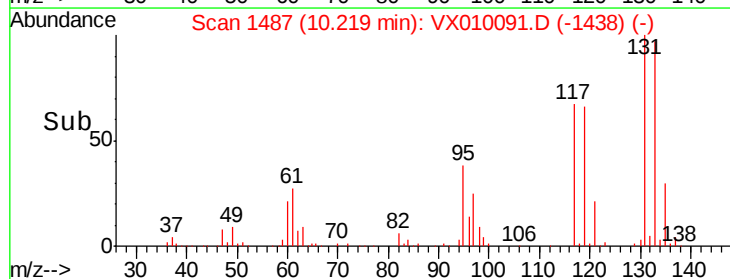
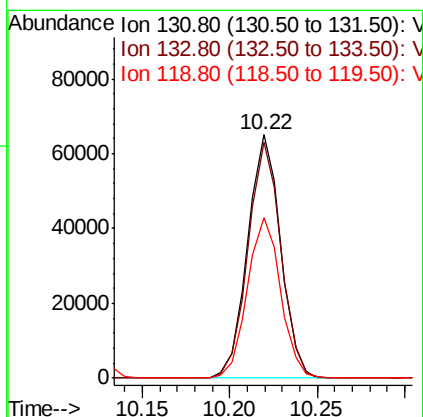
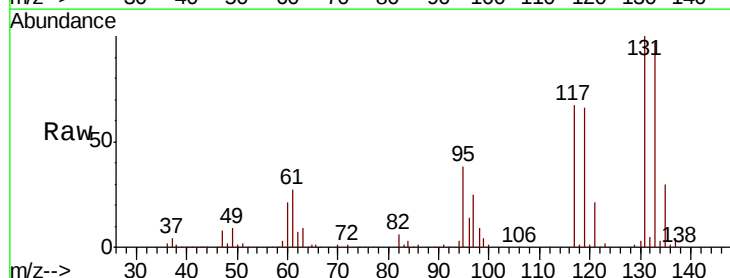
Instrument :
MSVOA_X
ClientSampleId :

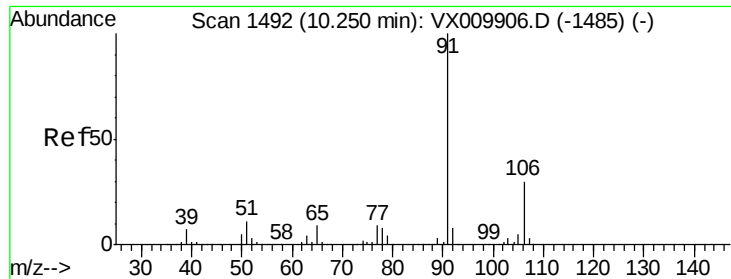
Tot Ion:112 Resp: 236745
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.235 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:131 Resp: 85199
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 66.7 33.4 100.1

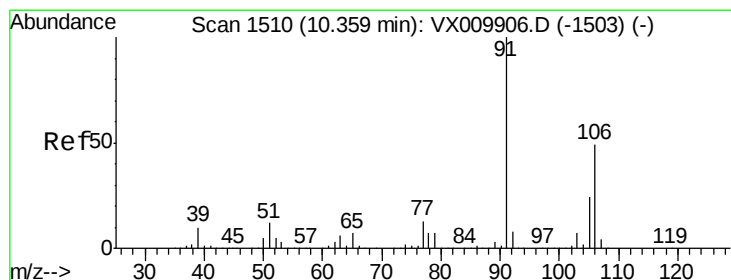
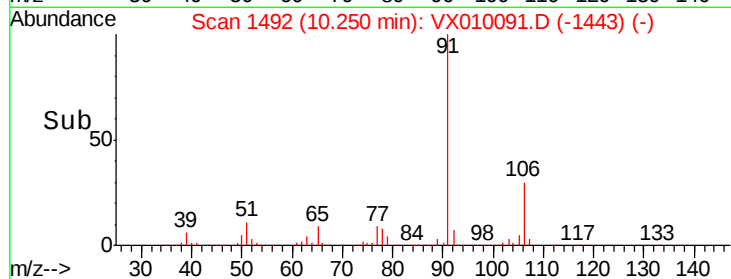
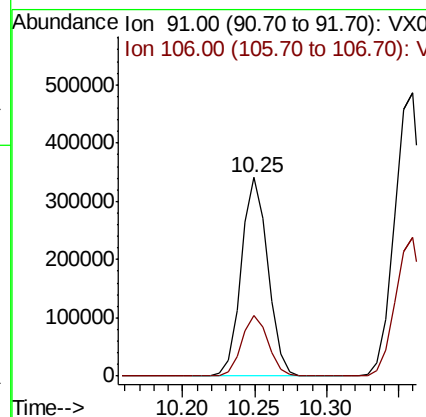
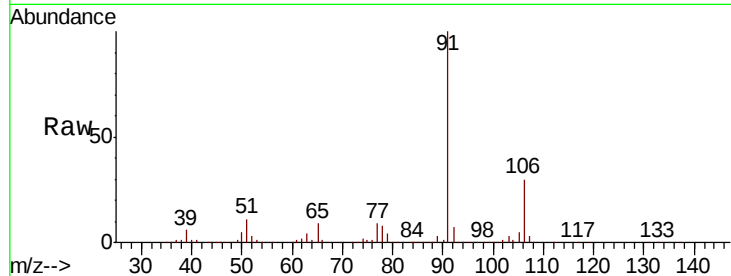




#67
Ethyl Benzene
Concen: 52.010 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

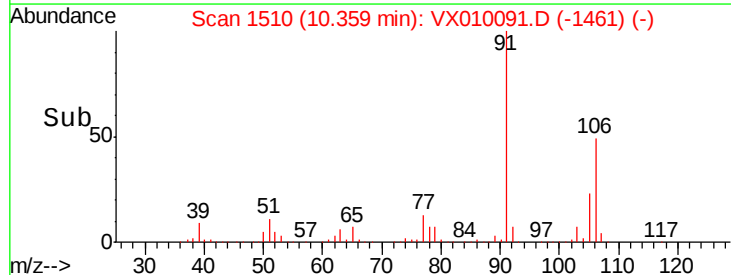
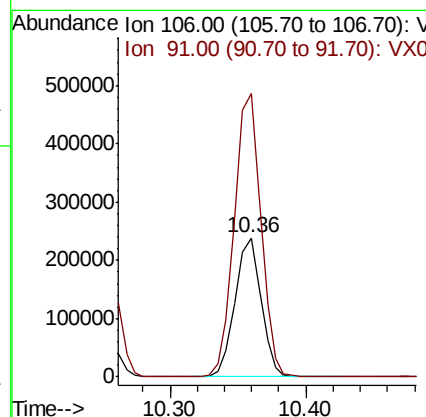
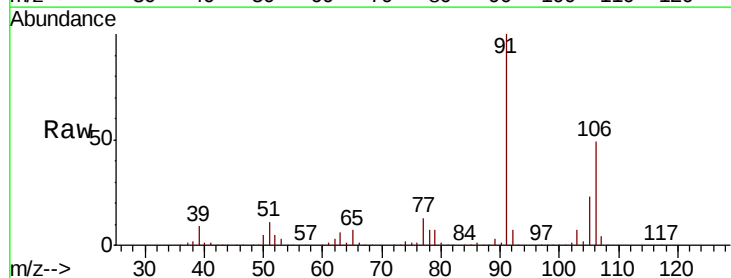
Instrument :
MSVOA_X
ClientSampled :

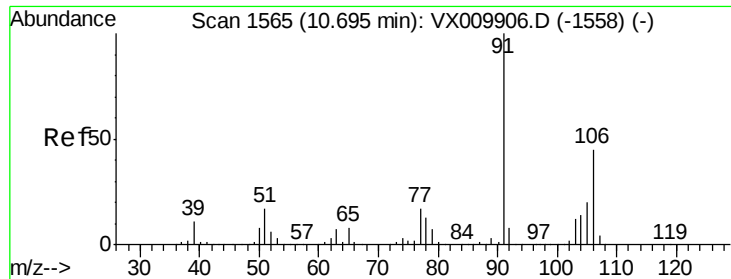
Tot Ion: 91 Resp: 439158
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9



#68
m/p-Xylenes
Concen: 102.610 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 106 Resp: 320083
Ion Ratio Lower Upper
106 100
91 208.1 167.3 250.9

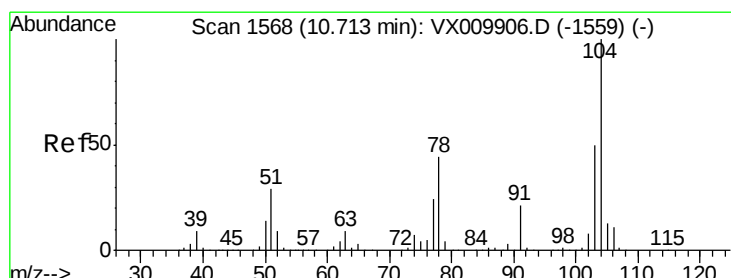
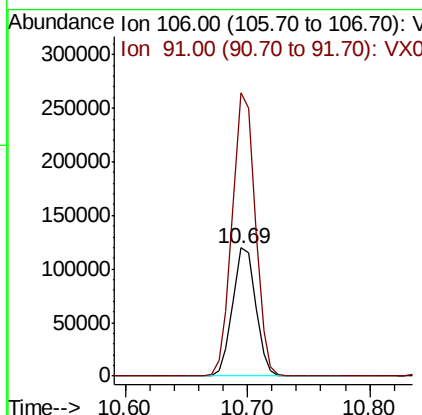
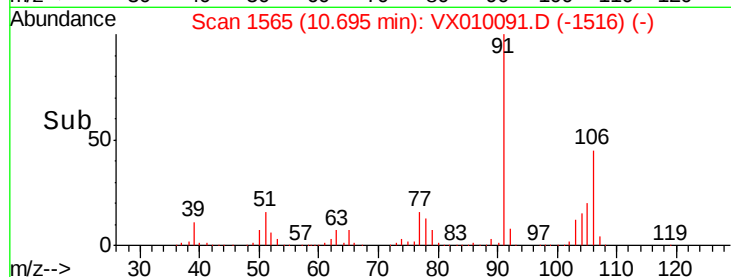
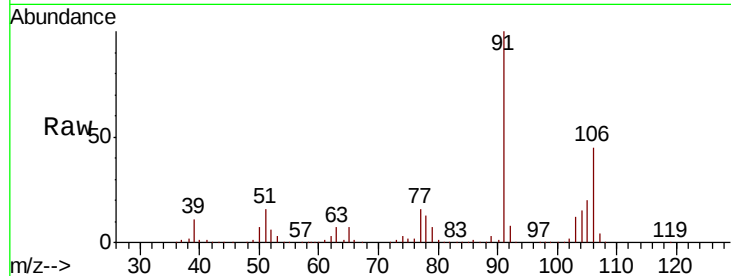




#69
o-Xylene
Concen: 52.385 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

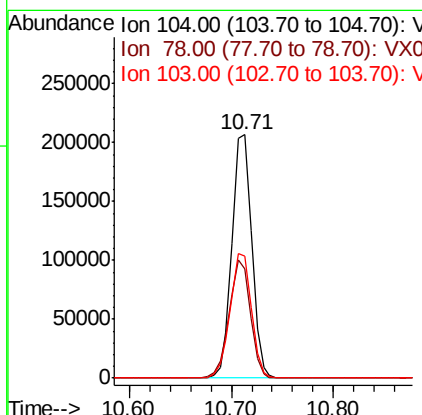
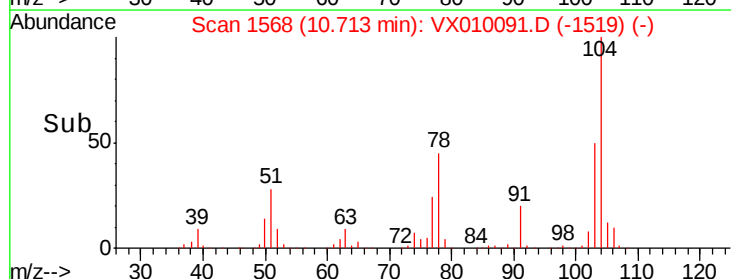
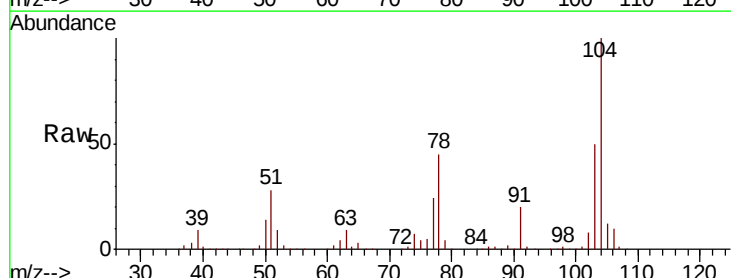
Instrument :
MSVOA_X
ClientSampled :

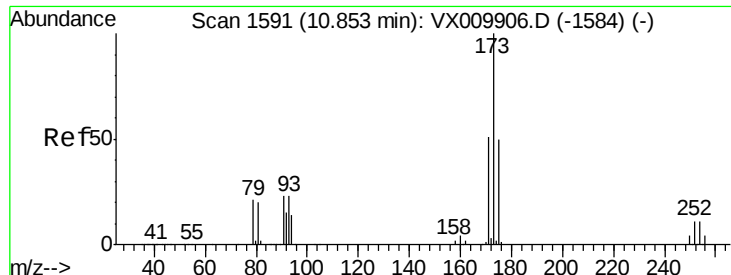
Tot Ion:106 Resp: 156718
Ion Ratio Lower Upper
106 100
91 219.3 110.4 331.2



#70
Styrene
Concen: 52.647 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:104 Resp: 276181
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 55.234 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

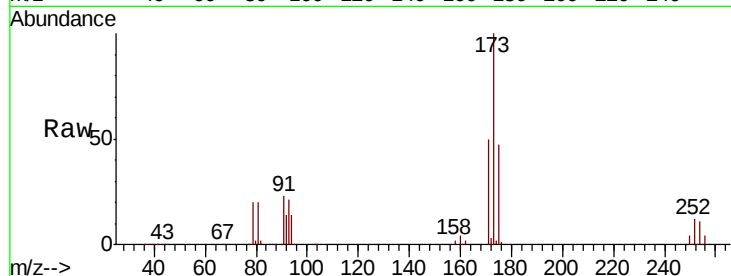
Tot Ion:173 Resp: 73642

Ion Ratio Lower Upper

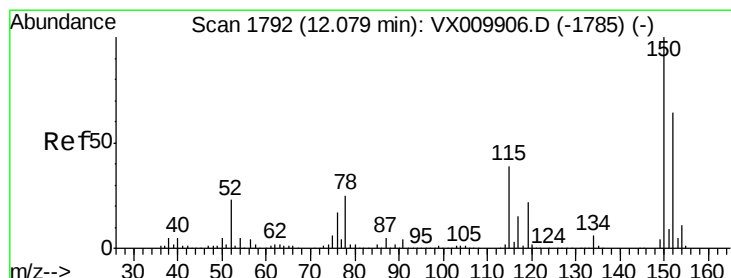
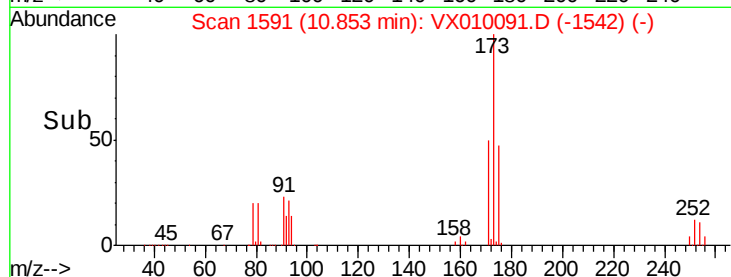
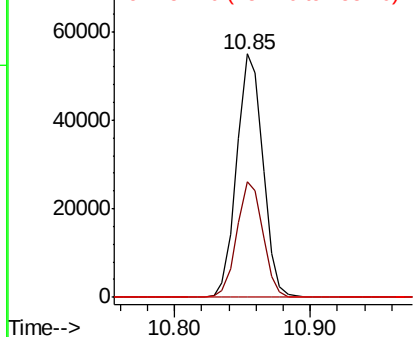
173 100

175 47.0 25.0 75.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

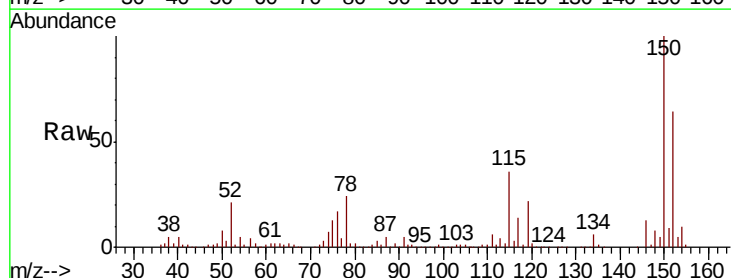
Tgt Ion:152 Resp: 110996

Ion Ratio Lower Upper

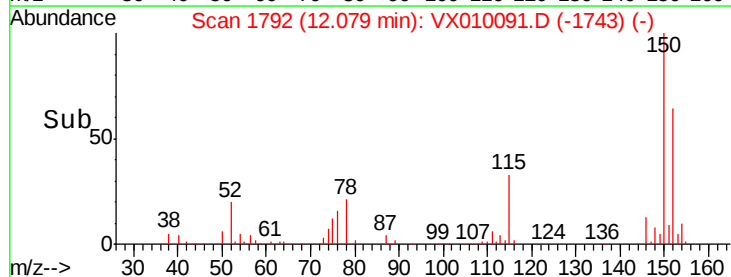
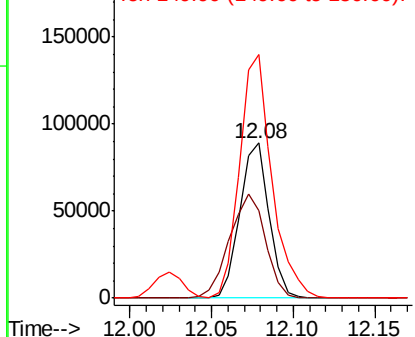
152 100

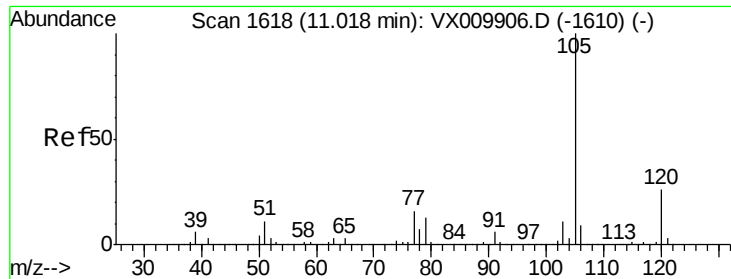
115 82.4 41.4 124.2

150 173.5 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: 50.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

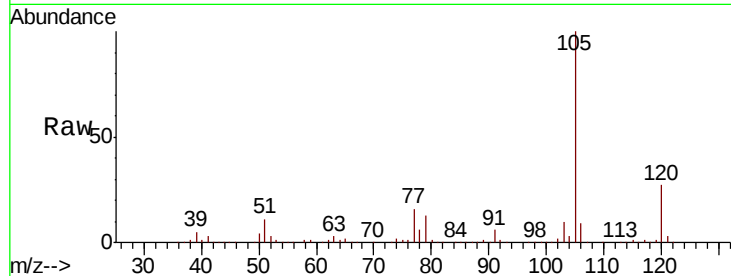
ClientSampleId :

Tot Ion:105 Resp: 416221

Ion Ratio Lower Upper

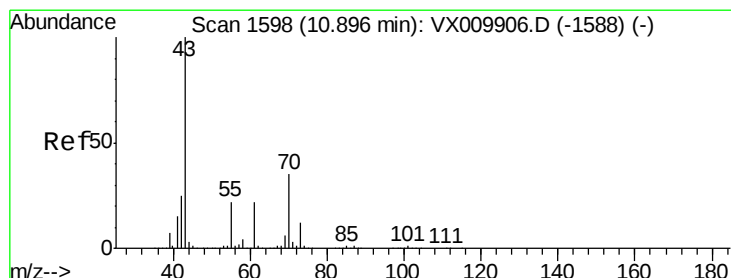
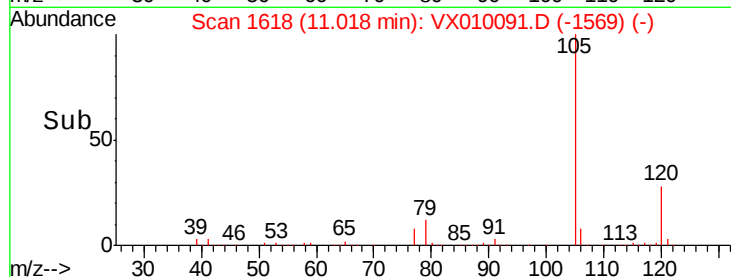
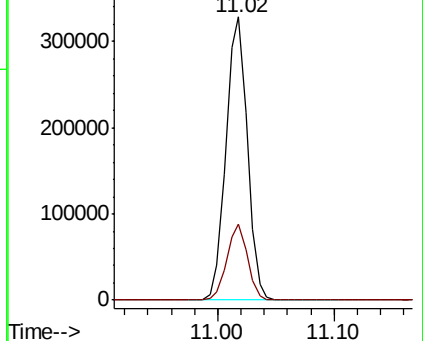
105 100

120 26.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.808 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Tgt Ion: 43 Resp: 243743

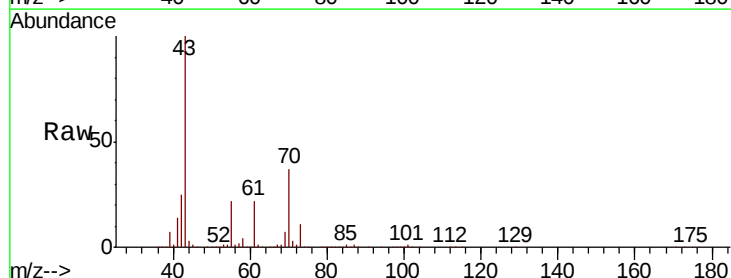
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 22.0 17.8 26.8

61 22.1 17.7 26.5

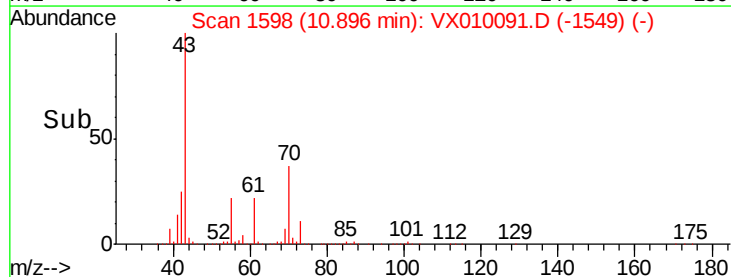
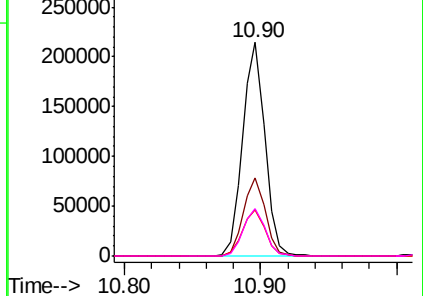


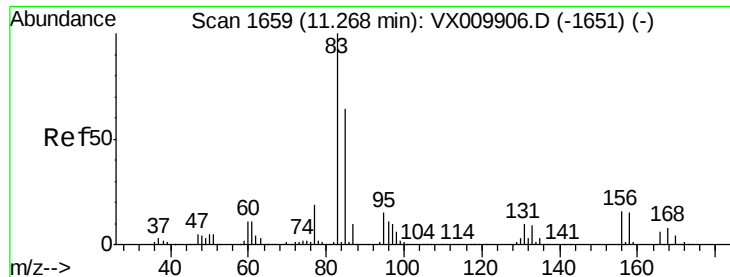
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.812 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

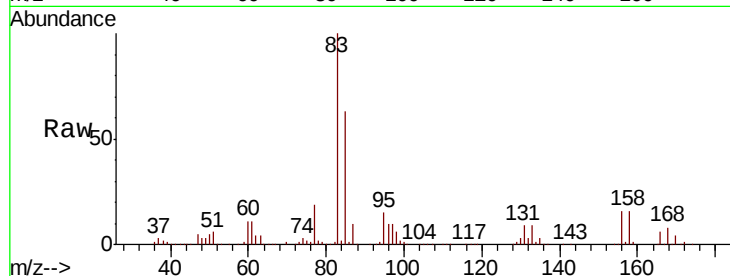
Tot Ion: 83 Resp: 149134

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

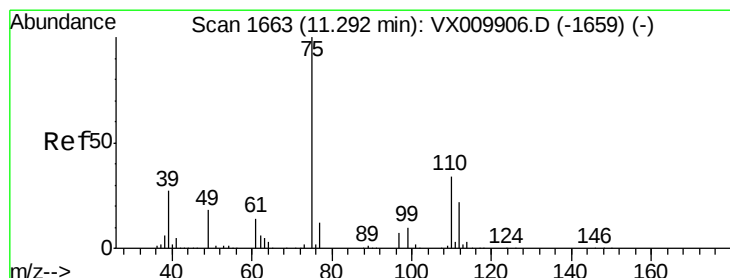
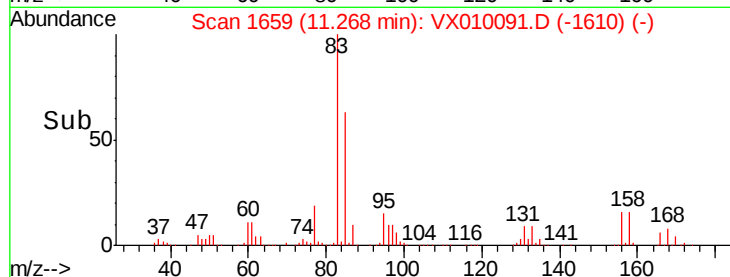
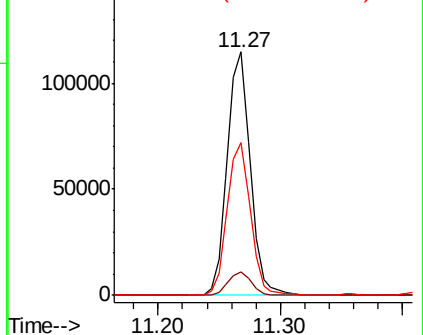
85 63.7 31.9 95.9



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: 67.294 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010091.D

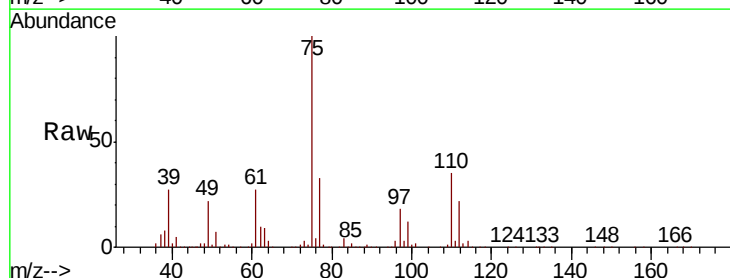
Acq: 05 Jun 2019 20:45

Tgt Ion: 75 Resp: 178617

Ion Ratio Lower Upper

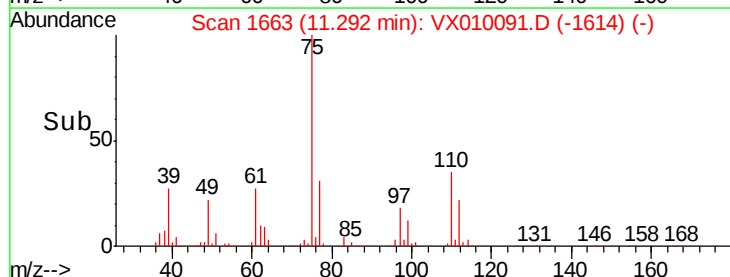
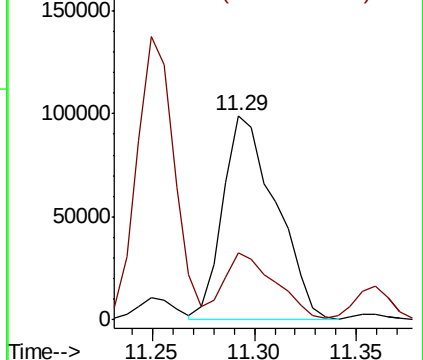
75 100

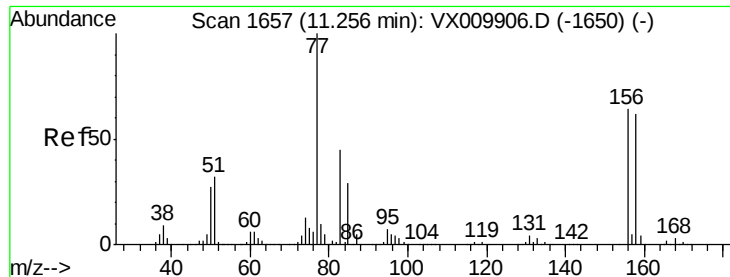
77 31.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.474 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

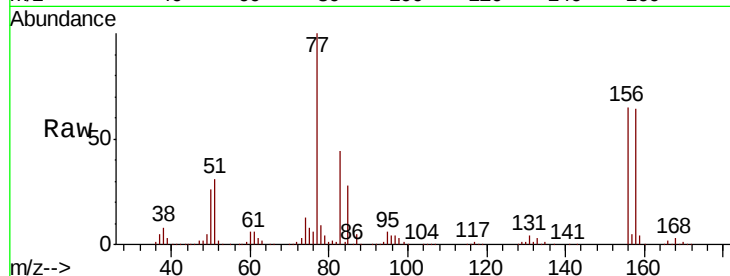
Tot Ion:156 Resp: 105343

Ion Ratio Lower Upper

156 100

77 165.9 86.8 260.3

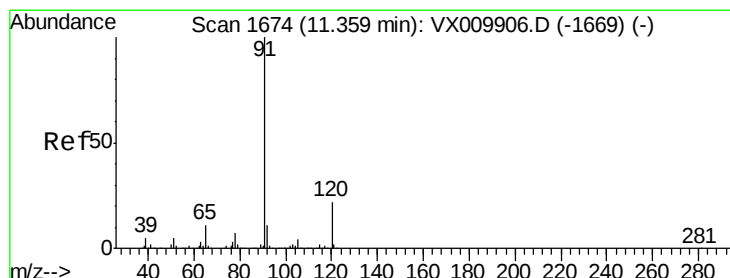
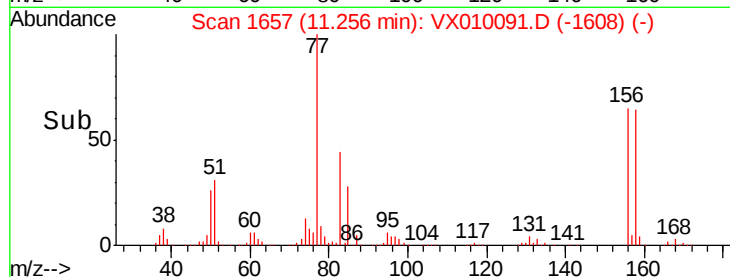
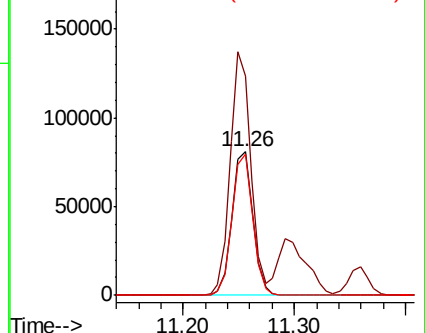
158 97.5 49.6 148.8



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: 51.316 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010091.D

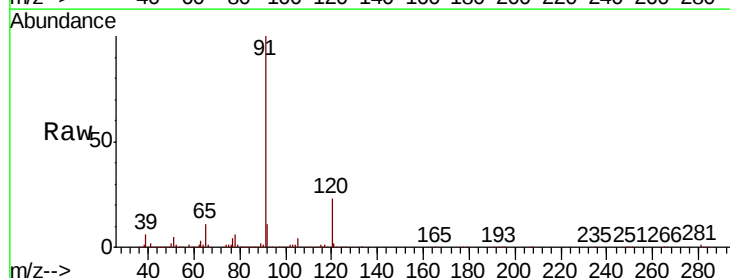
Acq: 05 Jun 2019 20:45

Tgt Ion: 91 Resp: 484409

Ion Ratio Lower Upper

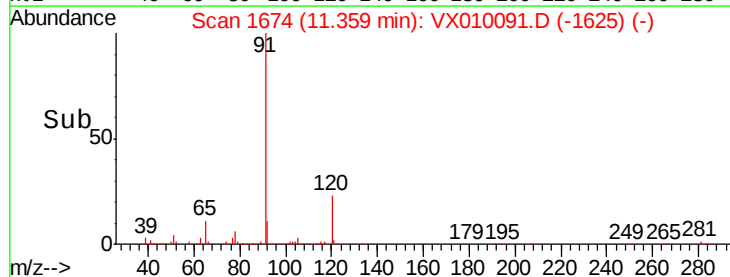
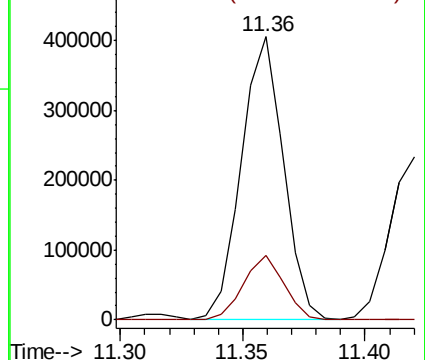
91 100

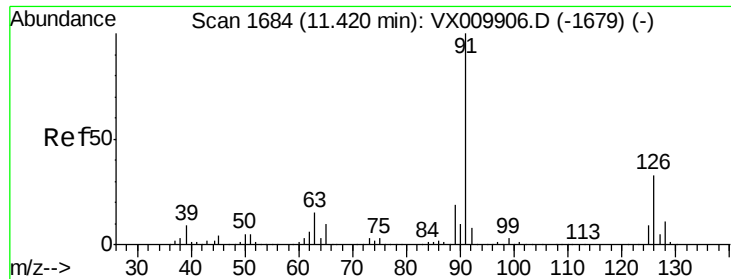
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

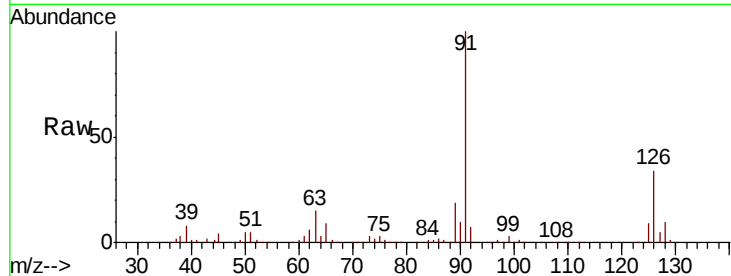




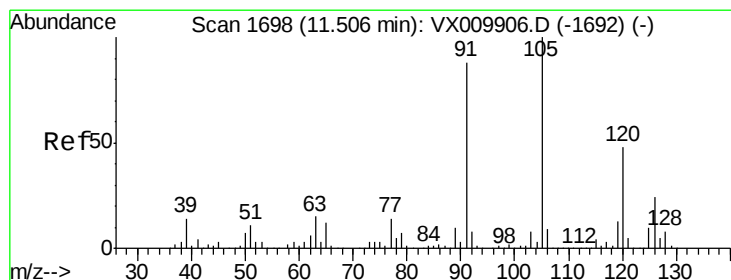
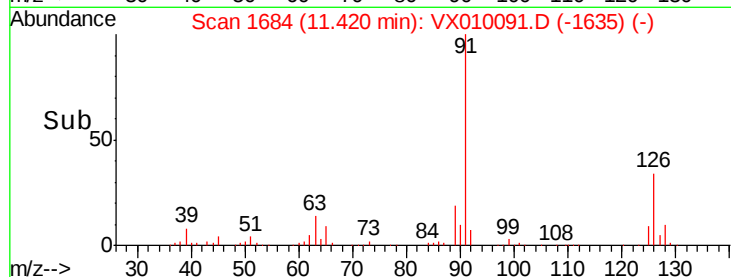
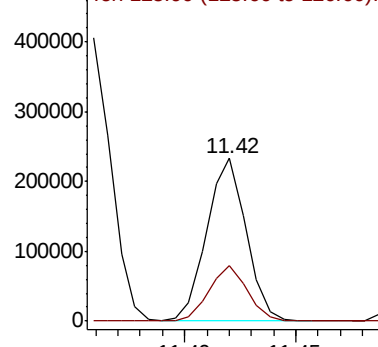
#79
 2-Chlorotoluene
 Concen: 49.667 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 286451
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.1 48.3

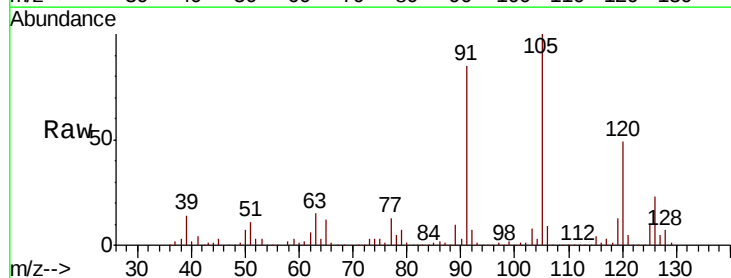


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

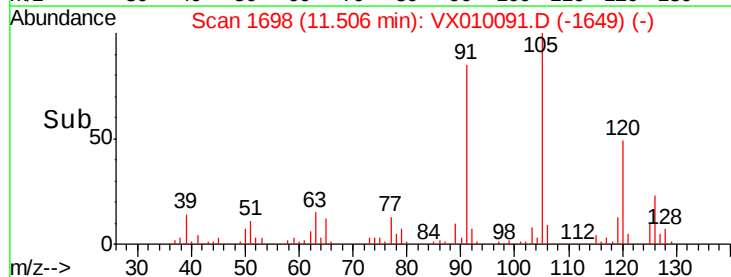
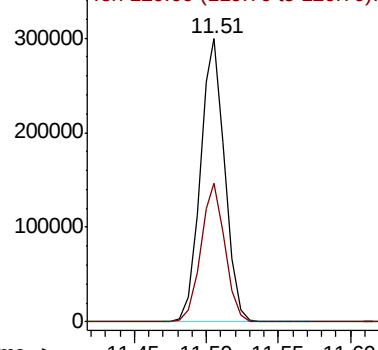


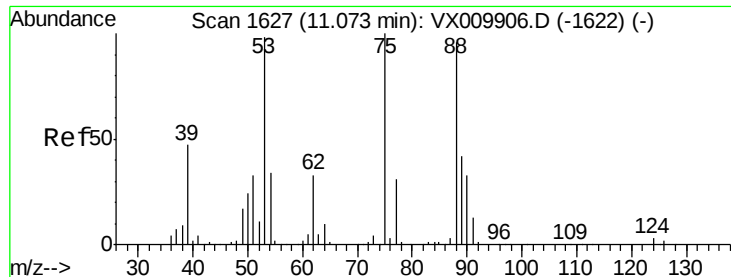
#80
 1,3,5-Trimethylbenzene
 Concen: 51.364 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion: 105 Resp: 354377
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 48.532 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

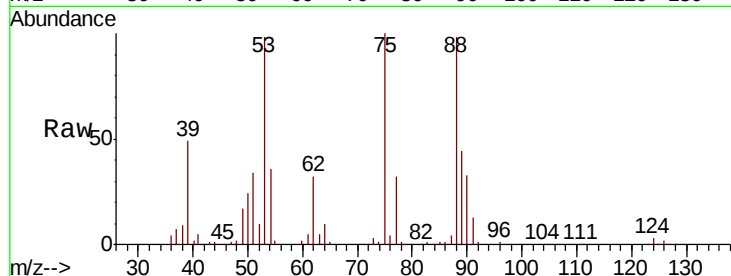
Tot Ion: 75 Resp: 52065

Ion Ratio Lower Upper

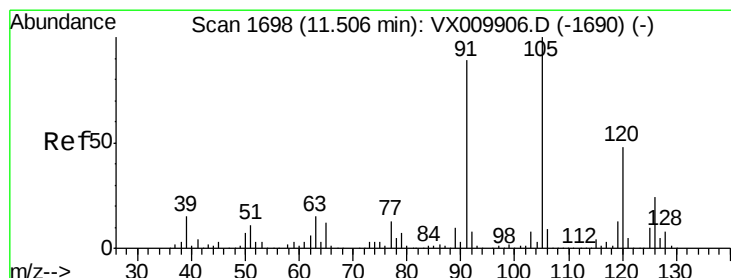
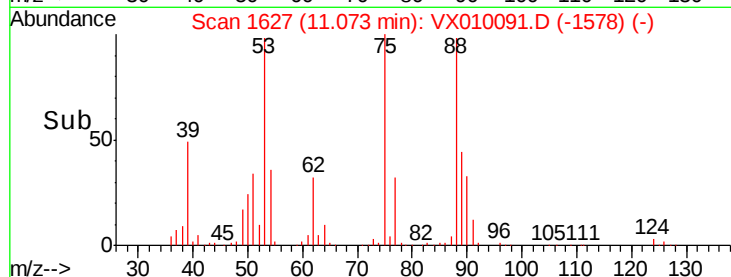
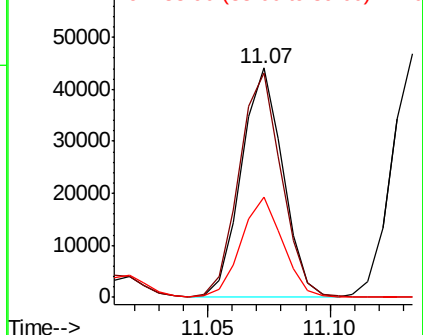
75 100

53 100.2 79.8 119.6

89 44.2 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.730 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010091.D

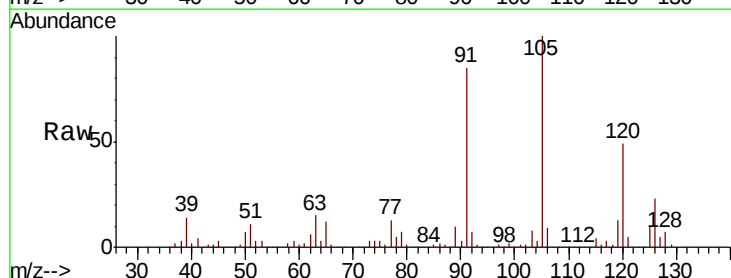
Acq: 05 Jun 2019 20:45

Tgt Ion: 91 Resp: 333881

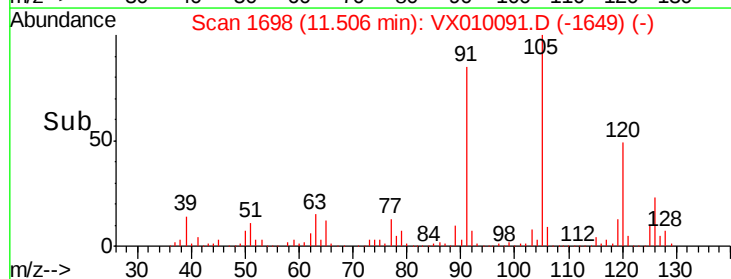
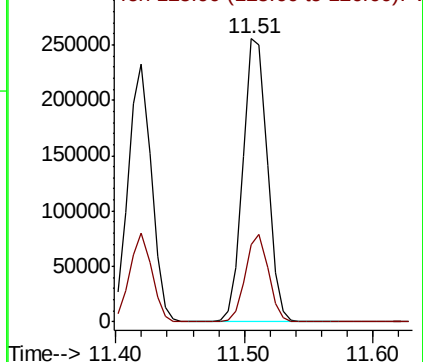
Ion Ratio Lower Upper

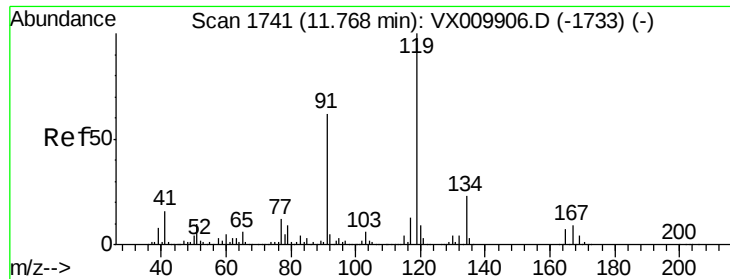
91 100

126 29.3 14.2 42.6



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

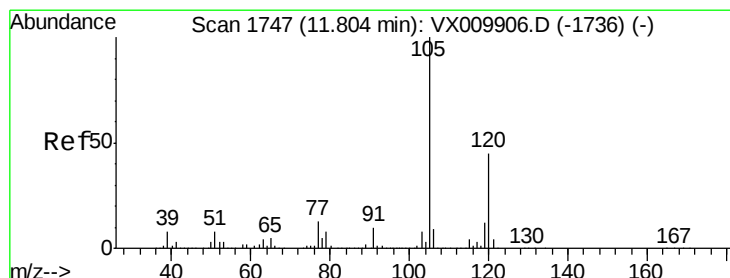
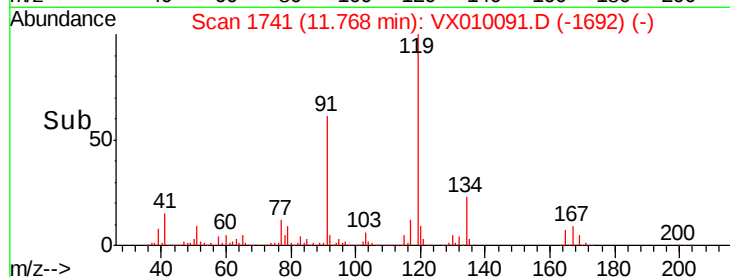
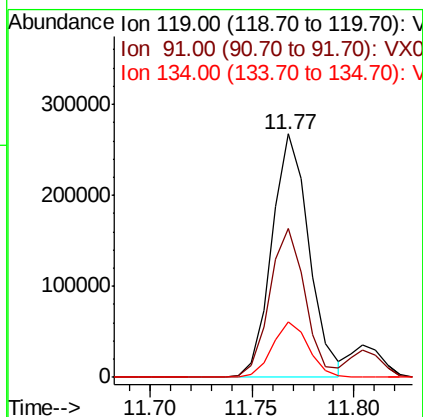
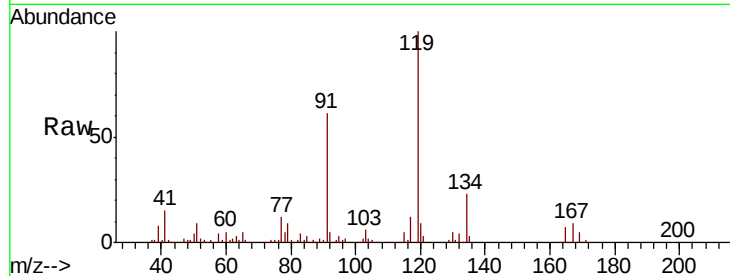




#83
tert-Butylbenzene
Concen: 51.661 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

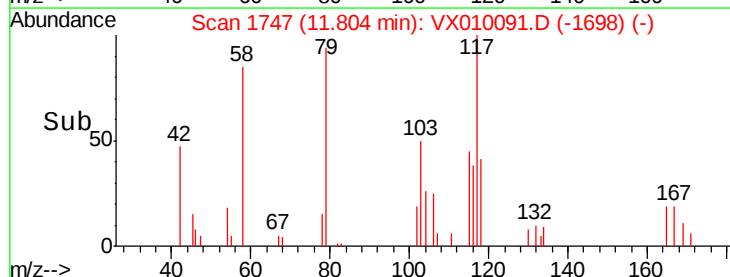
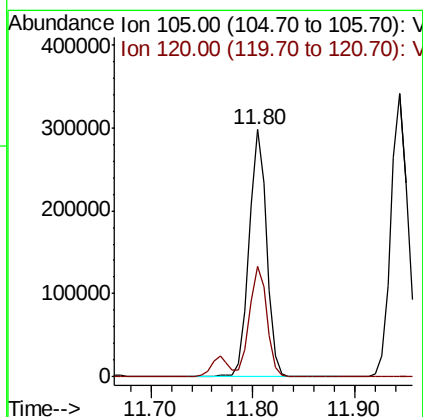
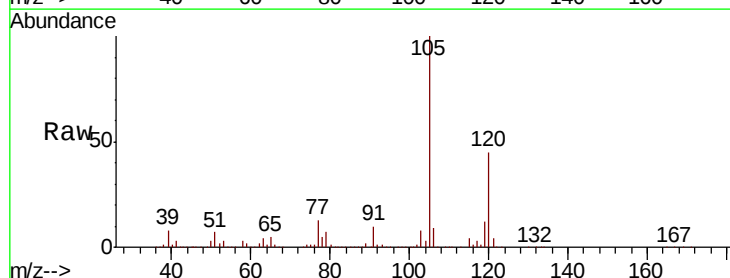
Instrument :
MSVOA_X
ClientSampleId :

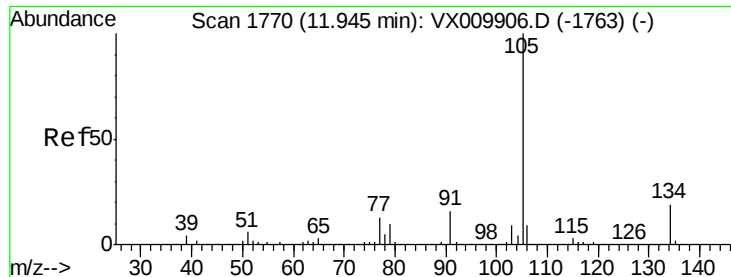
Tot Ion:119 Resp: 340995
Ion Ratio Lower Upper
119 100
91 58.8 30.0 90.0
134 22.1 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 50.889 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:105 Resp: 356563
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.103 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

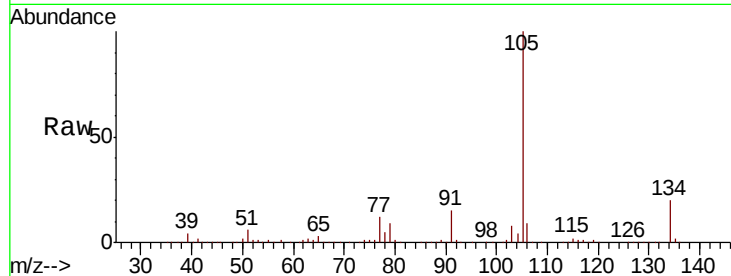
ClientSampleId :

Tot Ion:105 Resp: 401291

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

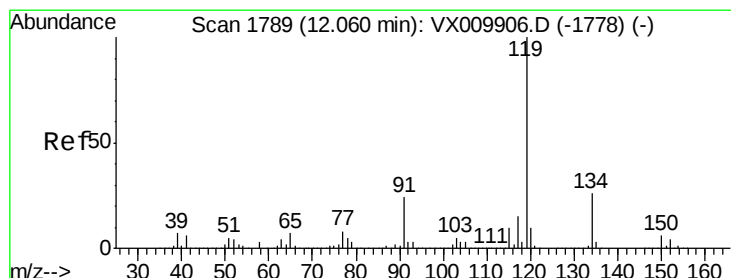
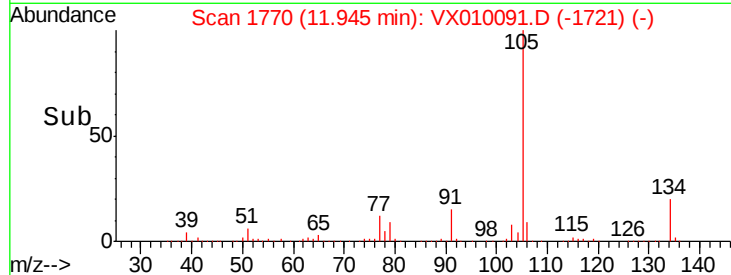
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.225 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

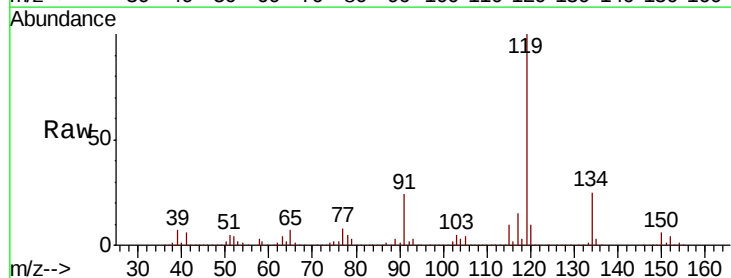
Tgt Ion:119 Resp: 368873

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 24.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

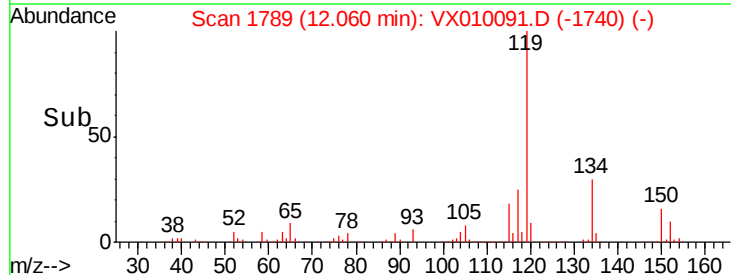
300000

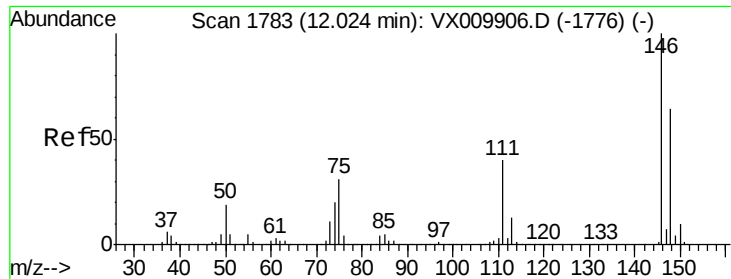
200000

100000

0

Time--> 12.00 12.10 12.20

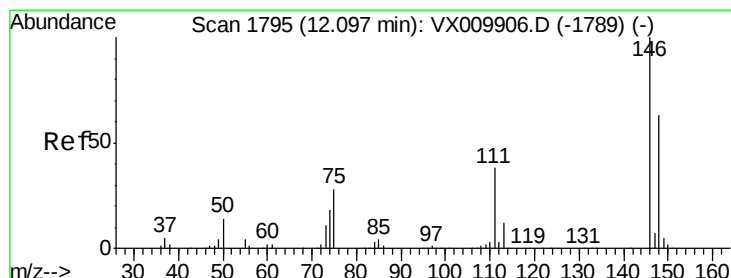
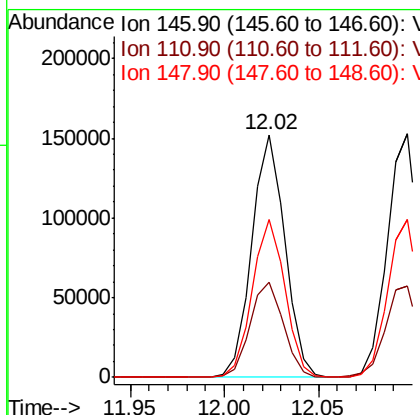
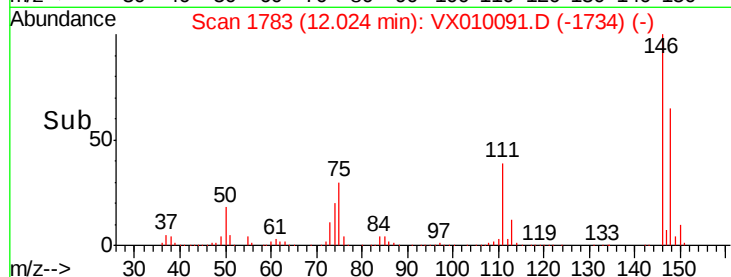
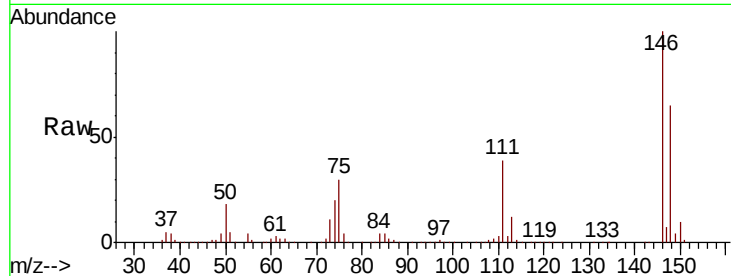




#87
 1,3-Dichlorobenzene
 Concen: 49.845 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

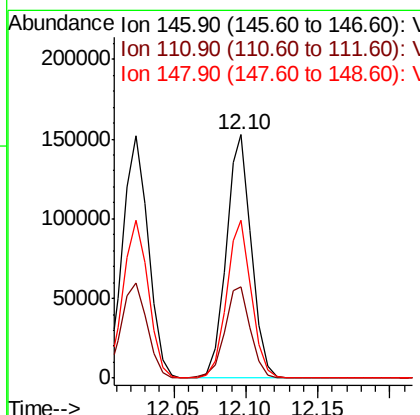
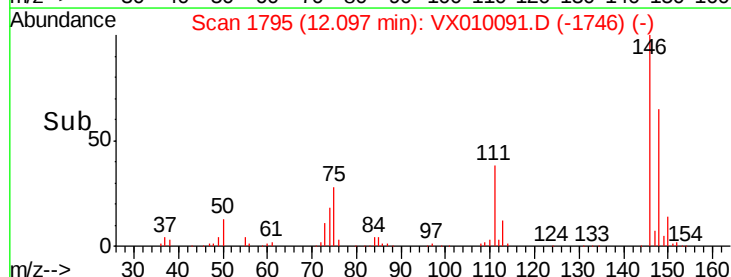
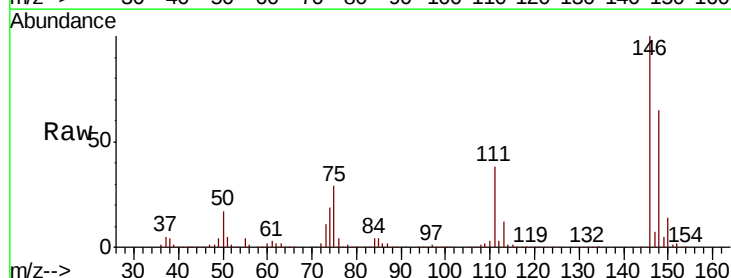
Instrument :
 MSVOA_X
 ClientSampleId :

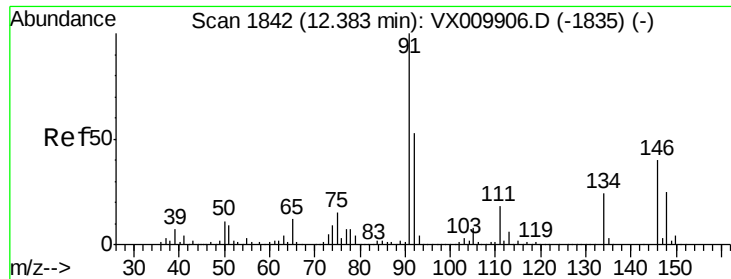
Tot Ion:146 Resp: 185208
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.179 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion:146 Resp: 186357
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 59.9
 148 64.0 32.3 96.9

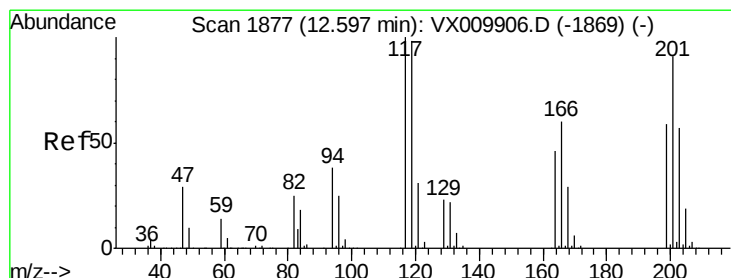
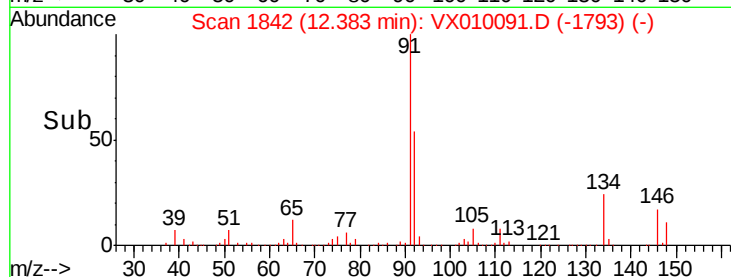
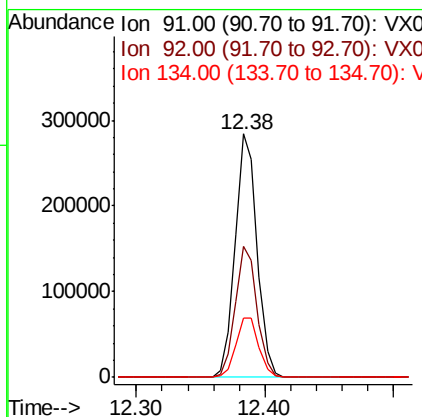
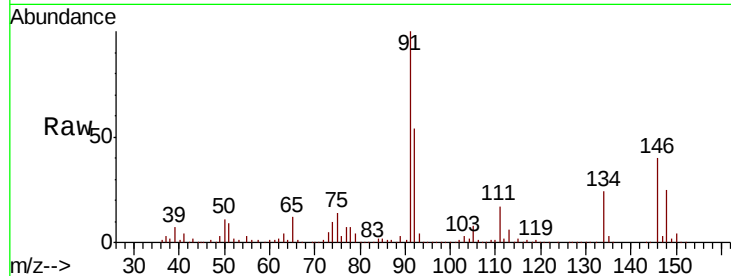




#89
n-Butylbenzene
Concen: 50.734 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

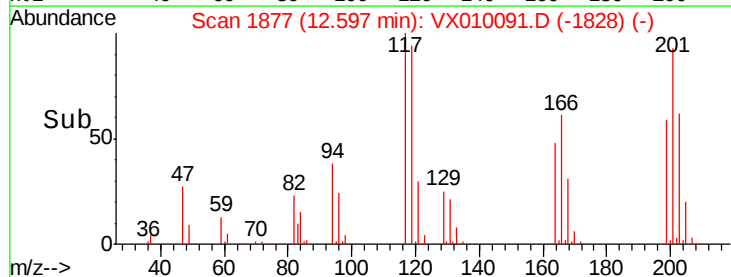
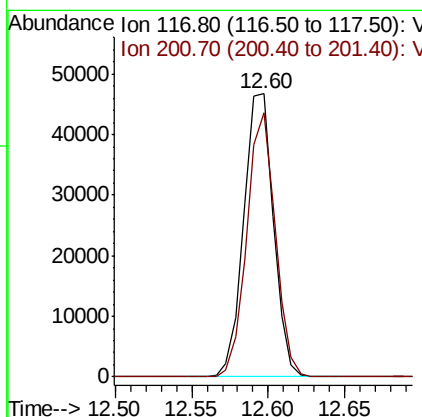
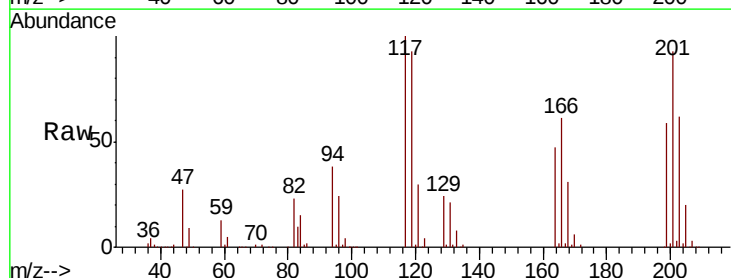
Instrument :
MSVOA_X
ClientSampleId :

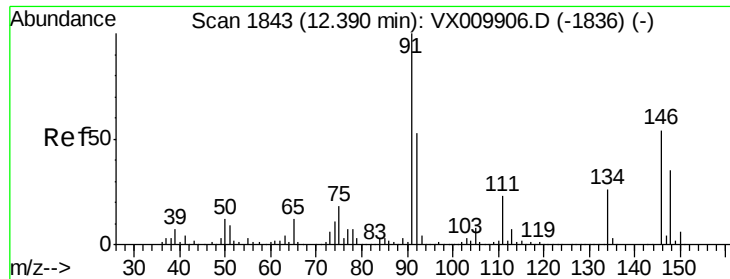
Tot Ion: 91 Resp: 336772
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.8
134 25.5 12.3 36.8



#90
Hexachloroethane
Concen: 52.231 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion: 117 Resp: 63311
Ion Ratio Lower Upper
117 100
201 88.8 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 50.439 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

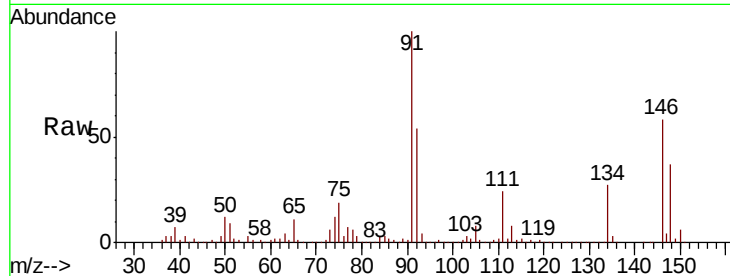
Tot Ion:146 Resp: 184777

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

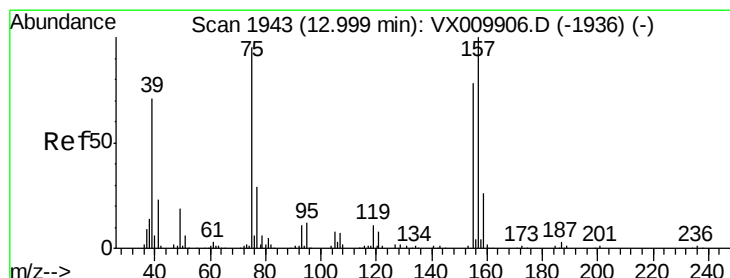
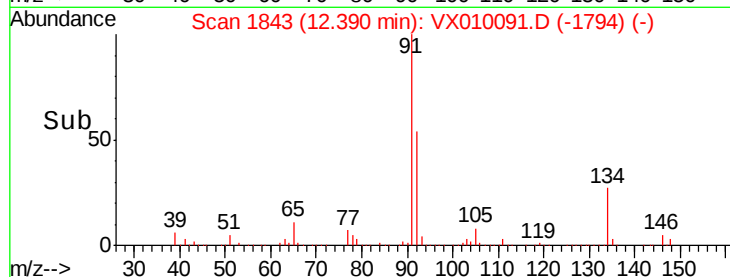
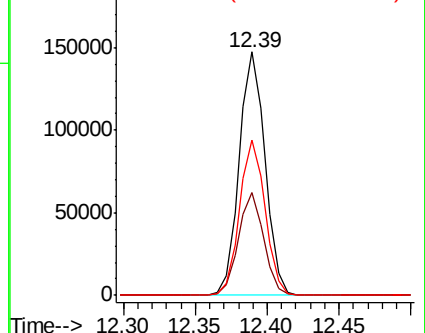
148 62.9 32.3 96.8



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: 47.490 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010091.D

Acq: 05 Jun 2019 20:45

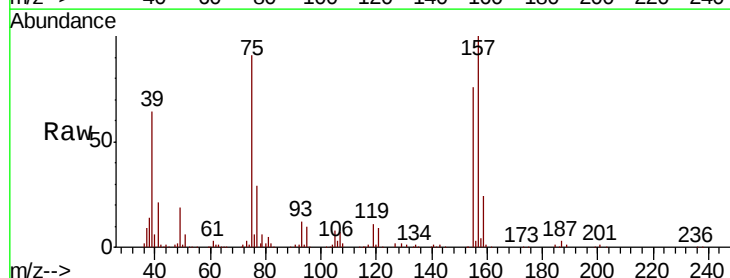
Tgt Ion: 75 Resp: 34153

Ion Ratio Lower Upper

75 100

155 82.8 39.3 117.8

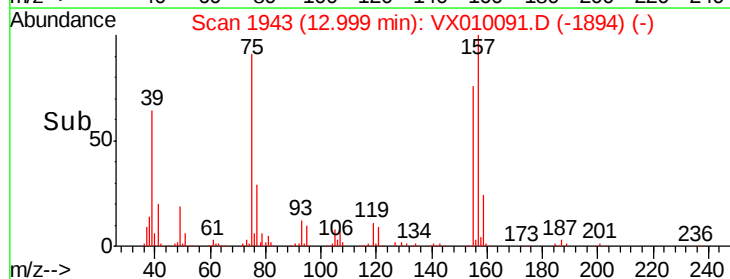
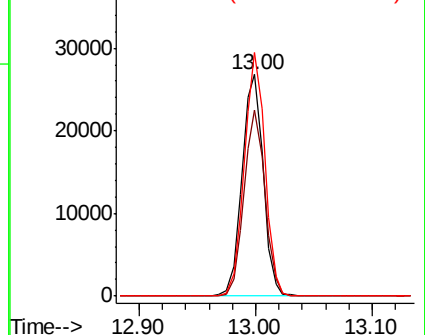
157 106.8 50.6 151.8

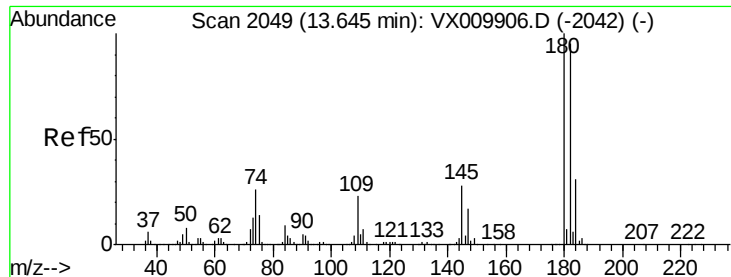


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

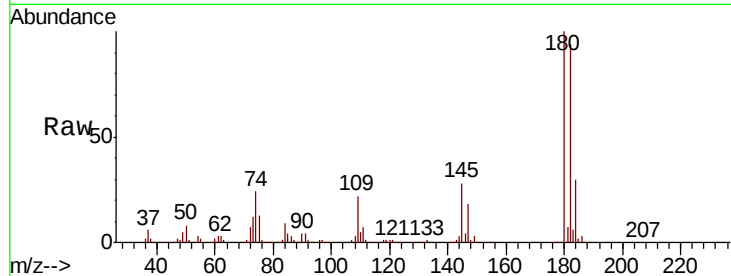




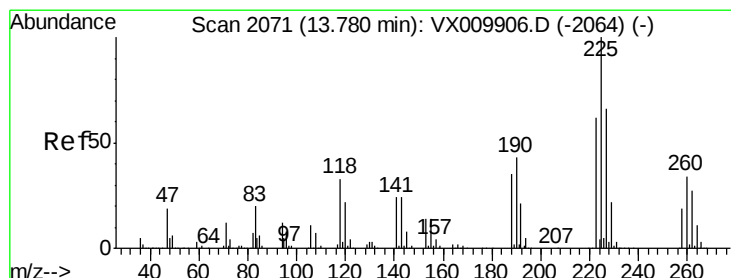
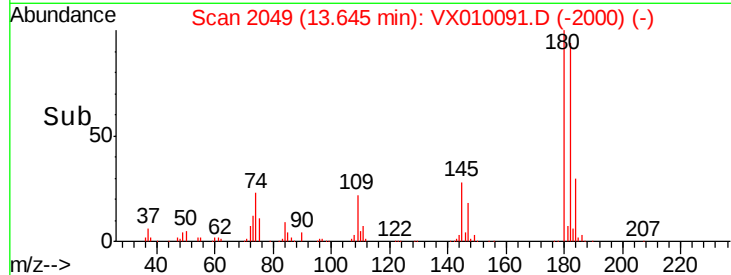
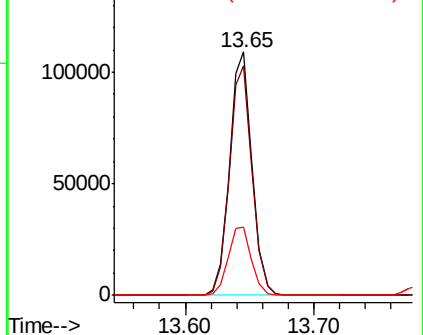
#93
 1,2,4-Trichlorobenzene
 Concen: 50.743 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 132842
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 29.1 14.5 43.5

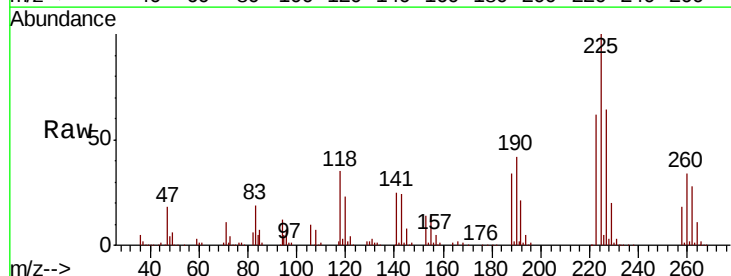


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

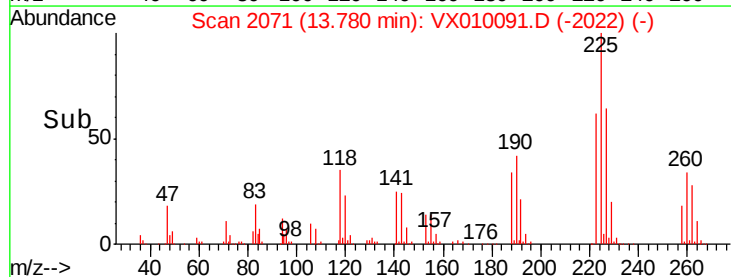
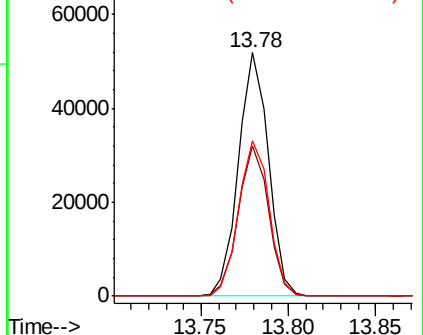


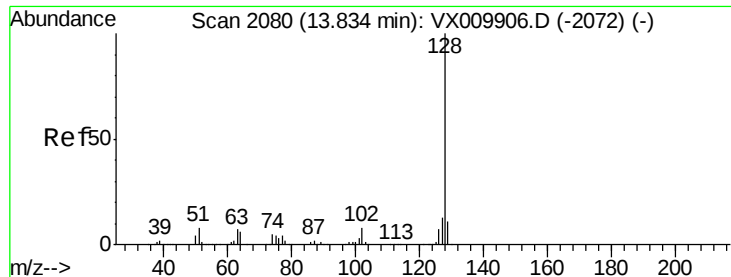
#94
 Hexachlorobutadiene
 Concen: 47.147 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010091.D
 Acq: 05 Jun 2019 20:45

Tgt Ion:225 Resp: 61908
 Ion Ratio Lower Upper
 225 100
 223 62.3 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

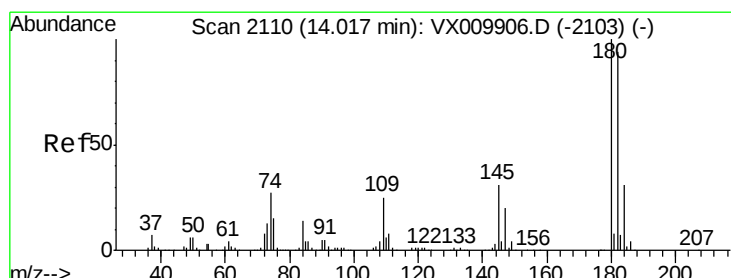
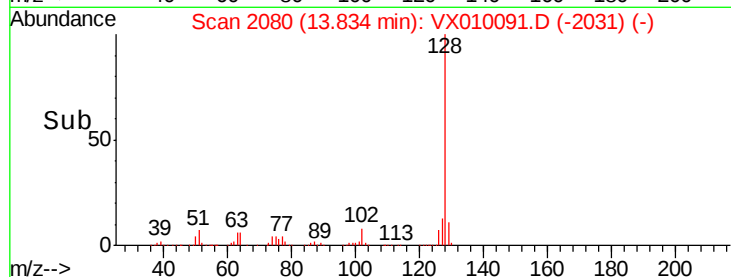
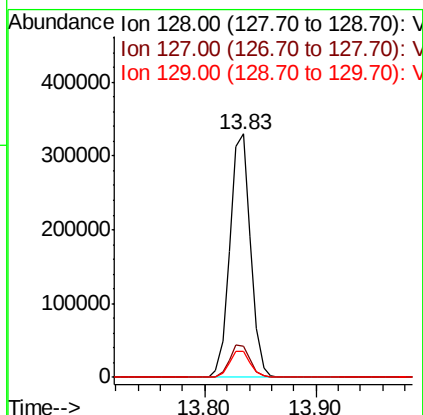
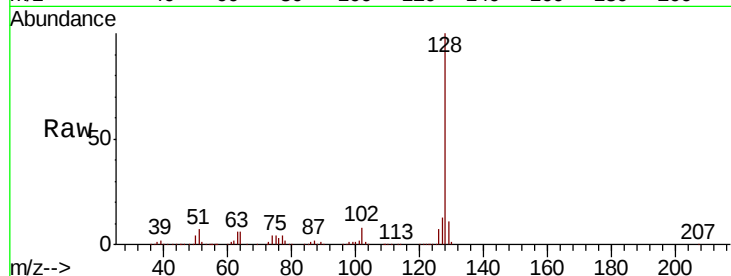




#95
Naphthalene
Concen: 51.658 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 420844
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.816 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010091.D
Acq: 05 Jun 2019 20:45

Tgt Ion:180 Resp: 133164
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 30.2 15.6 46.7

