

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010054.D
 Acq On : 04 Jun 2019 12:02
 Operator : JC/SP
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:17:39 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	5.66	168	168096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110449	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	5.49	113	79652	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	328231	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	119054	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41527	20.217	ug/l	99
3) Chloromethane	1.32	50	46066	16.682	ug/l	99
4) Vinyl Chloride	1.41	62	41924	16.841	ug/l	100
5) Bromomethane	1.64	94	23622	15.662	ug/l	98
6) Chloroethane	1.72	64	25029	16.333	ug/l	99
7) Trichlorofluoromethane	1.93	101	49727	18.077	ug/l	97
8) Diethyl Ether	2.19	74	21367	16.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31073	18.709	ug/l	96
10) Methyl Iodide	2.51	142	31032	18.341	ug/l	99
11) Tert butyl alcohol	3.04	59	51317	87.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31062	18.246	ug/l	97
13) Acrolein	2.29	56	29268	85.793	ug/l	99
14) Allyl chloride	2.73	41	72908	17.621	ug/l	99
15) Acrylonitrile	3.14	53	121898	86.575	ug/l	100
16) Acetone	2.44	43	121782	88.767	ug/l	100
17) Carbon Disulfide	2.57	76	86602	17.056	ug/l	99
18) Methyl Acetate	2.77	43	56812	17.797	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	116769	18.168	ug/l	99
20) Methylene Chloride	2.85	84	37121	17.669	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33507	17.690	ug/l	99
22) Diisopropyl ether	3.85	45	143090	18.176	ug/l	90
23) Vinyl Acetate	3.81	43	623537	88.166	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68477	17.949	ug/l	100
25) 2-Butanone	4.67	43	185291	86.688	ug/l	99
26) 2,2-Dichloropropane	4.58	77	51523	17.853	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	37914	17.340	ug/l	99
28) Bromochloromethane	5.01	49	33749	17.047	ug/l	97
29) Tetrahydrofuran	5.12	42	119352	87.076	ug/l	99
30) Chloroform	5.21	83	63317	18.402	ug/l	98
31) Cyclohexane	5.57	56	67068	18.561	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	53061	18.936	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48123	18.314	ug/l	99
37) Ethyl Acetate	4.83	43	67370	18.400	ug/l	98
38) Carbon Tetrachloride	5.79	117	44936	19.790	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61395	19.697	ug/l	94
40) Benzene	6.14	78	148791	19.088	ug/l	98
41) Methacrylonitrile	5.03	41	38295	17.899	ug/l	99
42) 1,2-Dichloroethane	6.19	62	54678	18.974	ug/l	99
43) Isopropyl Acetate	6.44	43	106863	18.089	ug/l	98
44) Trichloroethene	7.21	130	35890	18.955	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41872	18.660	ug/l	97
46) Dibromomethane	7.66	93	24269	18.374	ug/l	99
47) Bromodichloromethane	7.90	83	48213	19.196	ug/l	97
48) Methyl methacrylate	7.77	41	53666	18.350	ug/l	99
49) 1,4-Dioxane	7.74	88	21039	386.750	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	354172	92.158	ug/l	100
52) Toluene	8.78	92	91889	19.415	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54864	18.214	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	61229	18.656	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	36113	18.958	ug/l	98
56) Ethyl methacrylate	9.18	69	65013	19.171	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64330	18.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	171526	96.455	ug/l	99
59) 2-Hexanone	9.49	43	281201	95.039	ug/l	99
60) Dibromochloromethane	9.58	129	35587	18.992	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37243	19.031	ug/l	99
64) Tetrachloroethene	9.34	164	33401	20.180	ug/l	96
65) Chlorobenzene	10.13	112	94190	18.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34408	19.998	ug/l	99
67) Ethyl Benzene	10.25	91	174342	19.574	ug/l	99
68) m/p-Xylenes	10.35	106	129027	39.212	ug/l	99
69) o-Xylene	10.69	106	61237	19.405	ug/l	99
70) Styrene	10.71	104	107754	19.472	ug/l	99
71) Bromoform	10.85	173	27270	19.390	ug/l #	98
73) Isopropylbenzene	11.02	105	168554	19.382	ug/l	100
74) N-amyl acetate	10.90	43	93632	18.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59932	18.473	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69267	24.576	ug/l	82
77) Bromobenzene	11.25	156	41451	18.703	ug/l	98
78) n-propylbenzene	11.36	91	193222	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	115547	18.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143631	19.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19734	17.323	ug/l	94
82) 4-Chlorotoluene	11.51	91	133159	18.677	ug/l	99
83) tert-Butylbenzene	11.77	119	137335	19.594	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143957	19.348	ug/l	99
85) sec-Butylbenzene	11.94	105	164292	19.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	152414	20.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74968	19.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75470	18.755	ug/l	99
89) n-Butylbenzene	12.38	91	137207	19.466	ug/l	99
90) Hexachloroethane	12.60	117	24856	19.311	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	75804	19.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14149	18.528	ug/l	96

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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

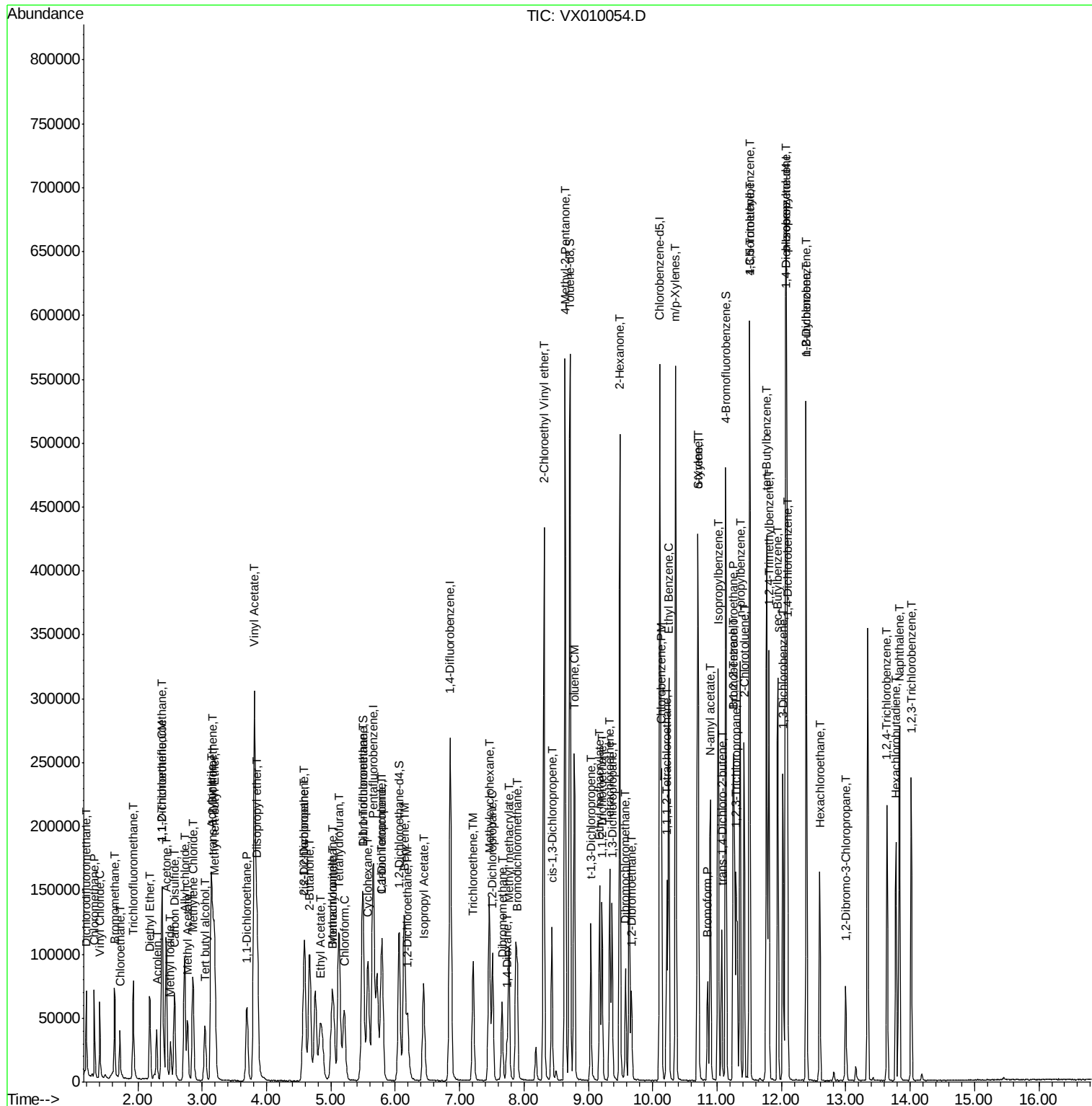
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55108	19.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	28031	20.103	ug/l	100
95) Naphthalene	13.83	128	169890	19.638	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54804	19.695	ug/l	98

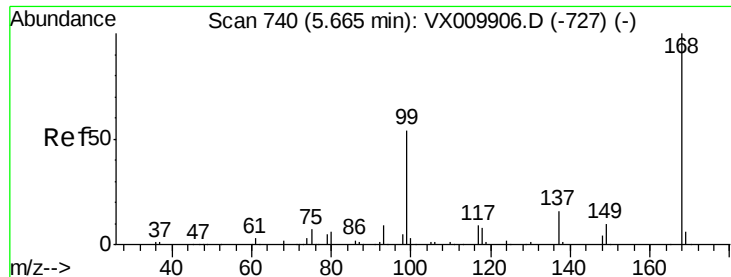
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

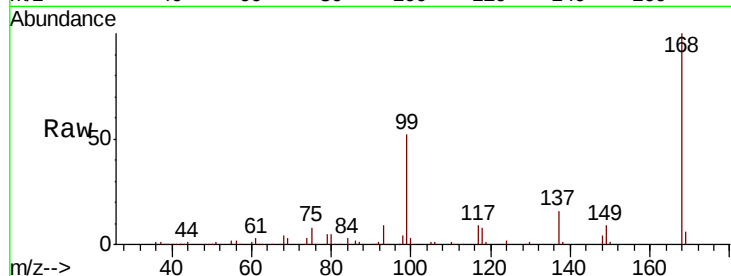
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 168096

Ion Ratio Lower Upper

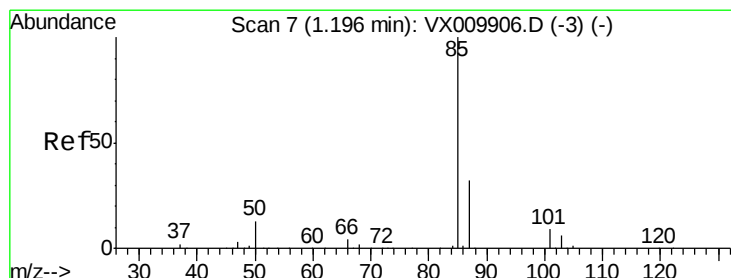
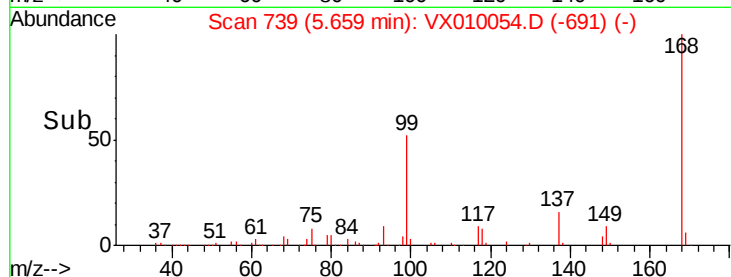
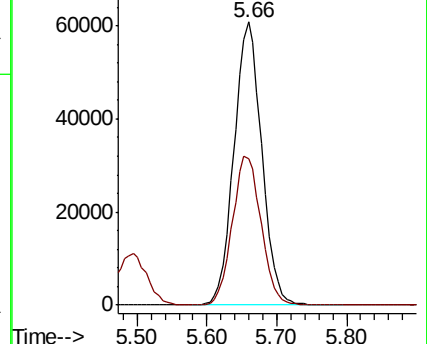
168 100

99 51.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.217 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010054.D

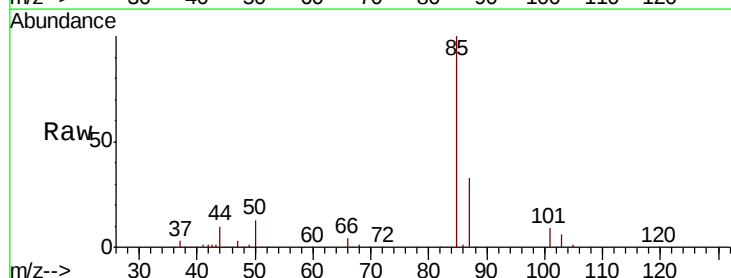
Acq: 04 Jun 2019 12:02

Tgt Ion: 85 Resp: 41527

Ion Ratio Lower Upper

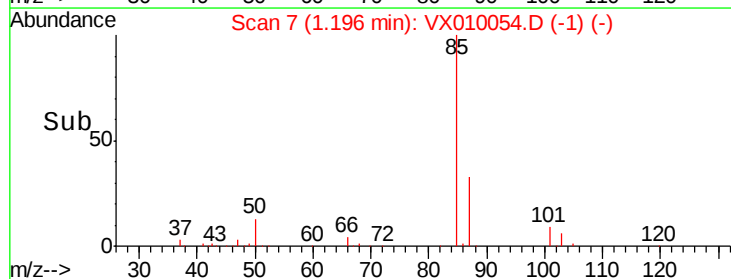
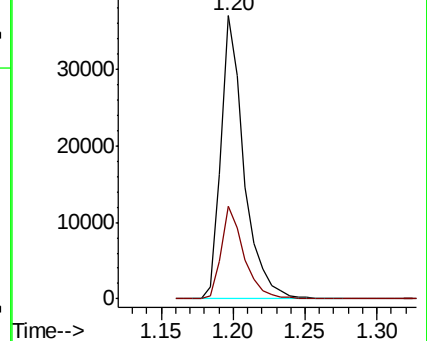
85 100

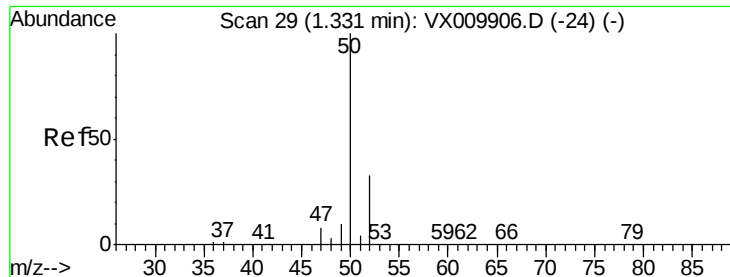
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.682 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

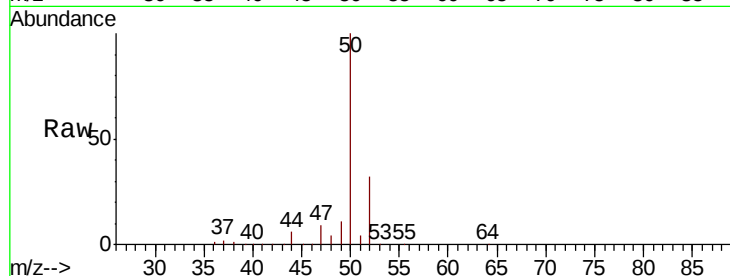
ClientSampleId :

Tot Ion: 50 Resp: 46066

Ion Ratio Lower Upper

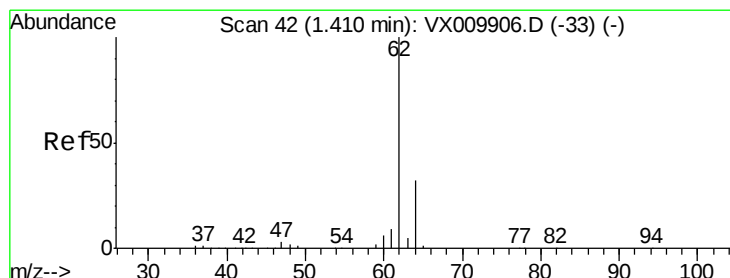
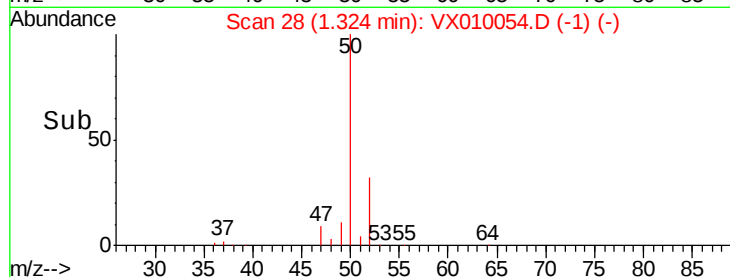
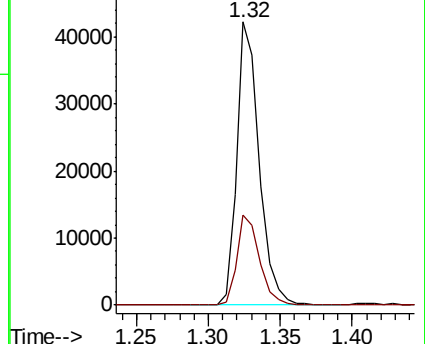
50 100

52 32.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.841 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010054.D

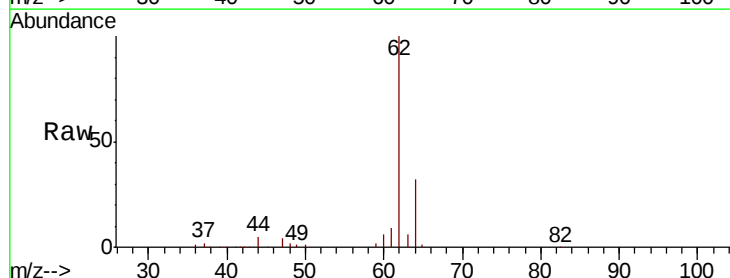
Acq: 04 Jun 2019 12:02

Tgt Ion: 62 Resp: 41924

Ion Ratio Lower Upper

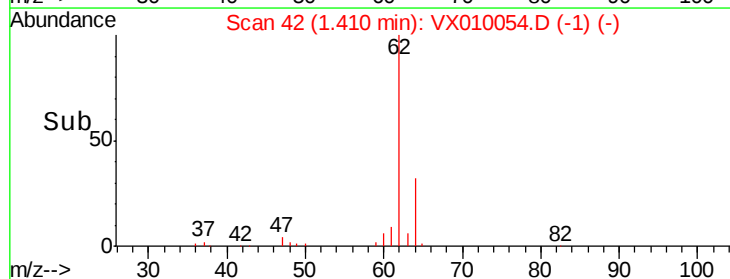
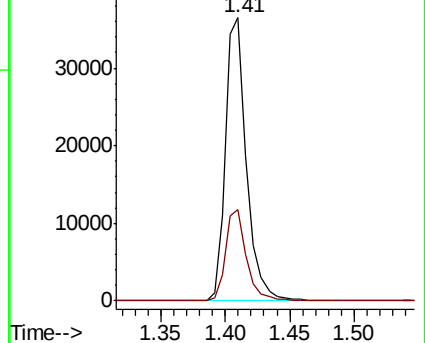
62 100

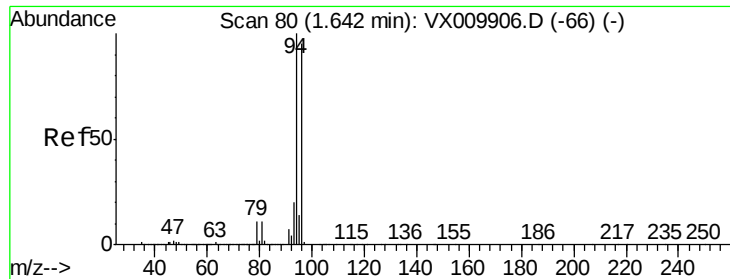
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.662 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

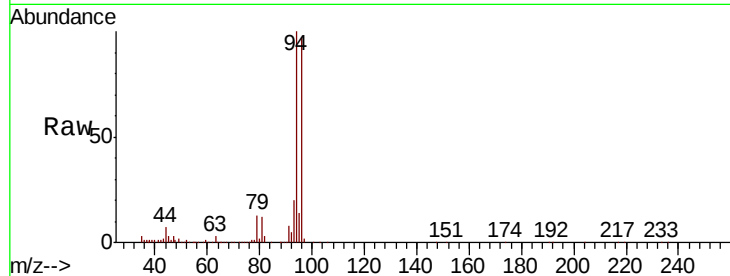
ClientSampled :

Tot Ion: 94 Resp: 23622

Ion Ratio Lower Upper

94 100

96 97.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

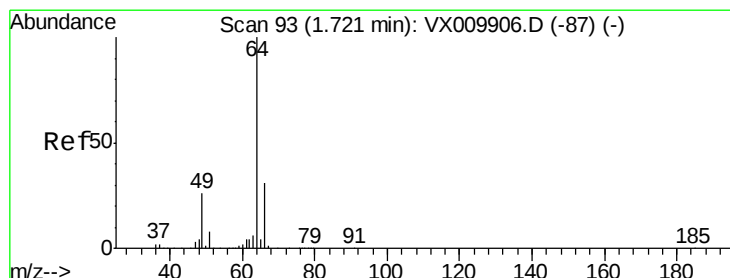
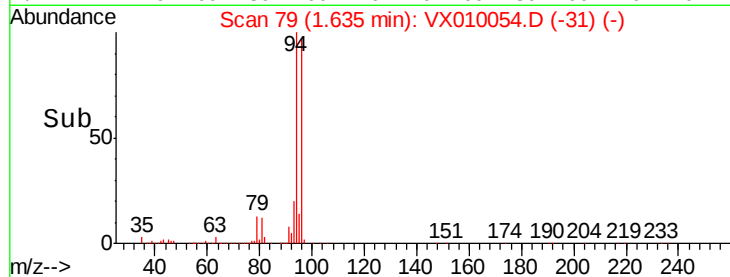
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.333 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010054.D

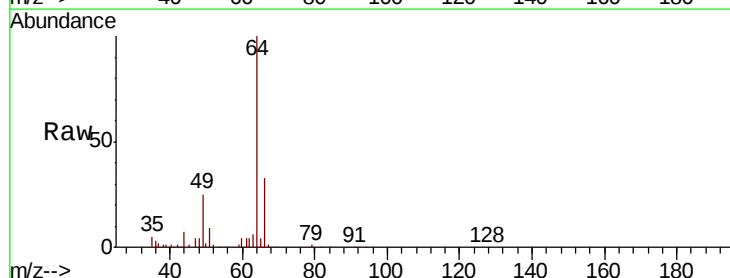
Acq: 04 Jun 2019 12:02

Tgt Ion: 64 Resp: 25029

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

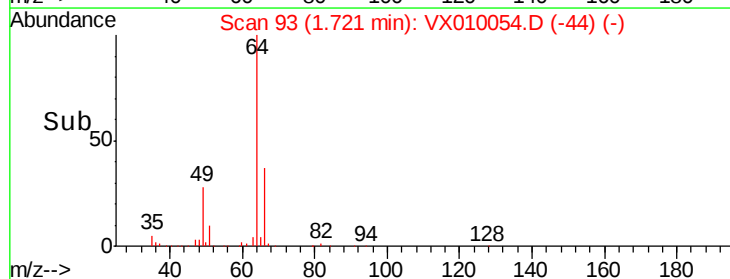
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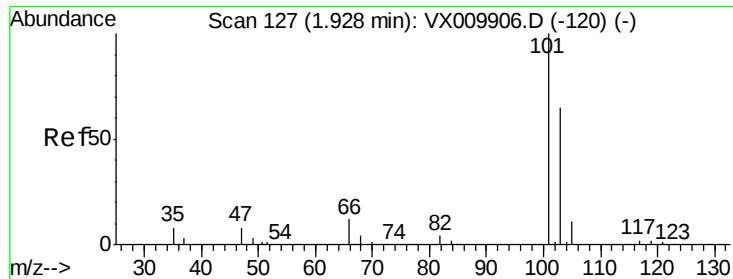
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



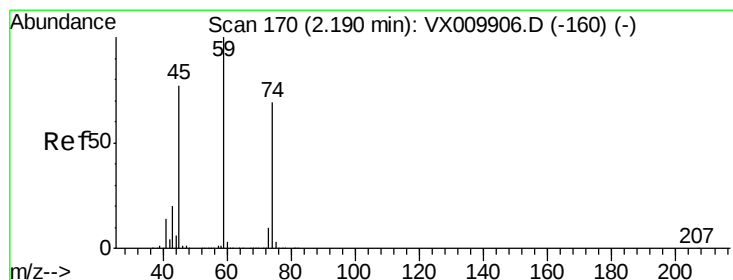
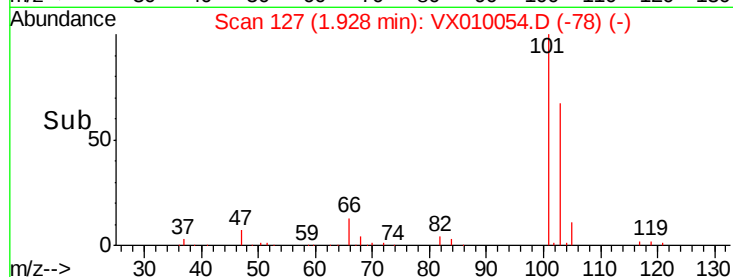
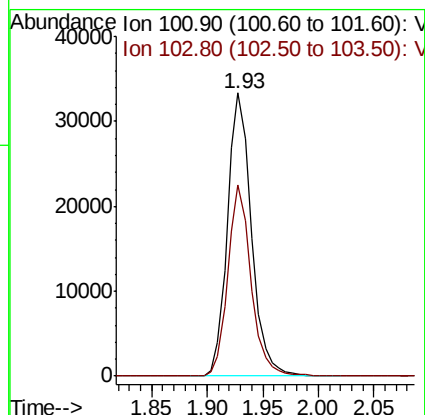
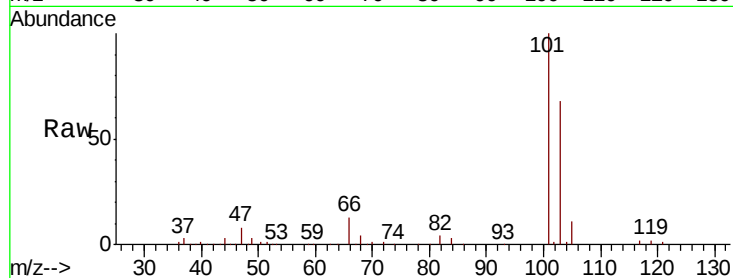


#7

Trichlorofluoromethane
Concen: 18.077 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :

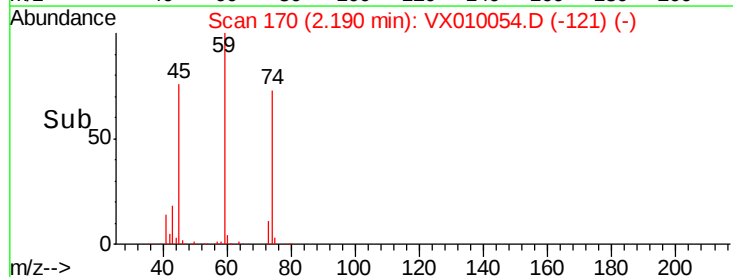
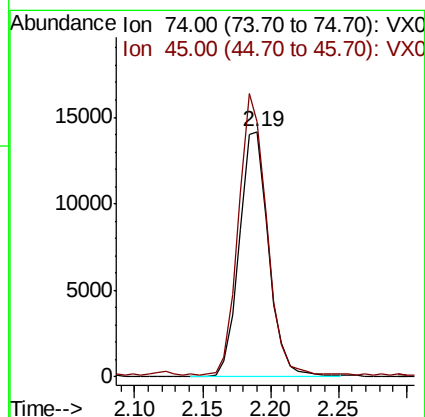
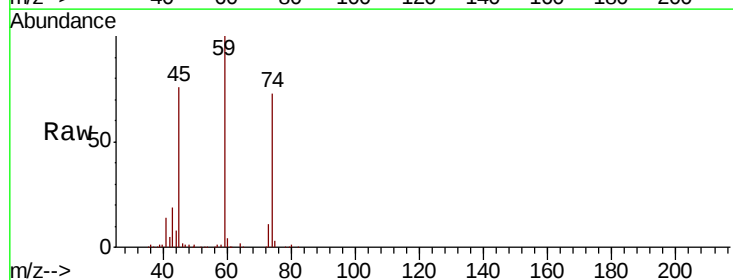
Tot Ion:101 Resp: 49727
Ion Ratio Lower Upper
101 100
103 67.6 52.2 78.4

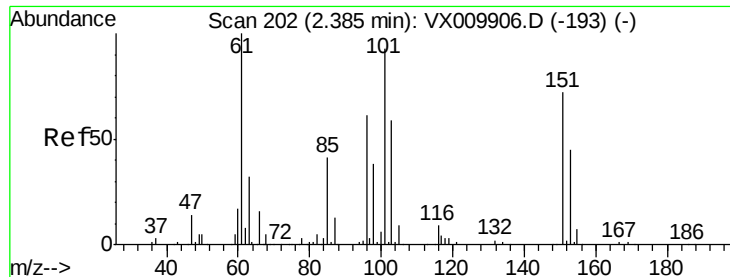


#8

Diethyl Ether
Concen: 16.529 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 74 Resp: 21367
Ion Ratio Lower Upper
74 100
45 110.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.709 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

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ClientSampleId :

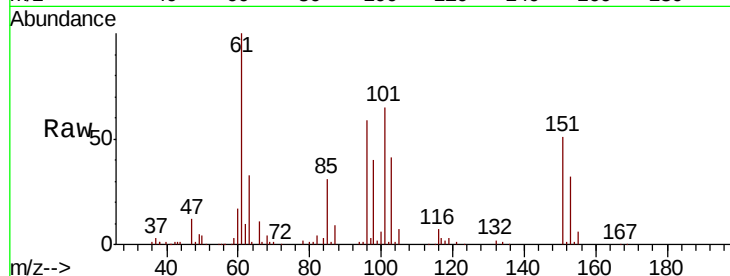
Tot Ion:101 Resp: 31073

Ion Ratio Lower Upper

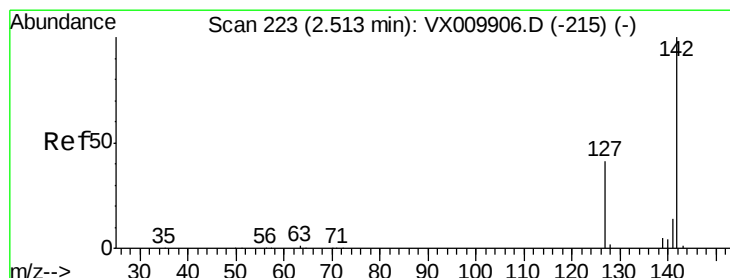
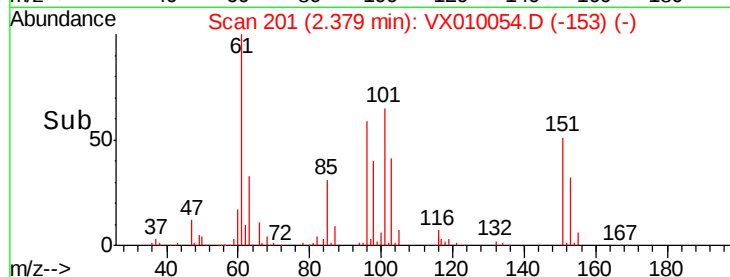
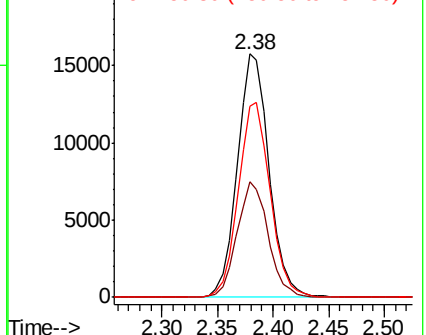
101 100

85 46.6 35.2 52.8

151 80.6 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: 18.341 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

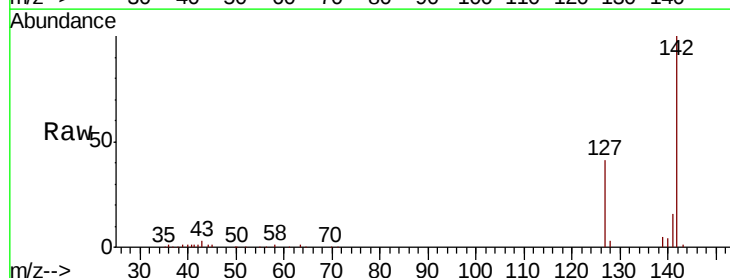
Tgt Ion:142 Resp: 31032

Ion Ratio Lower Upper

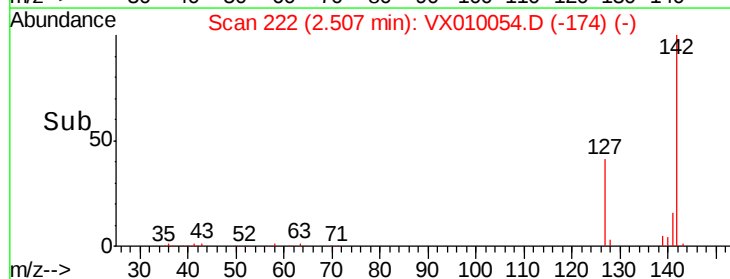
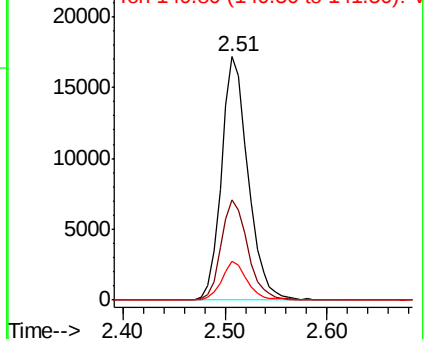
142 100

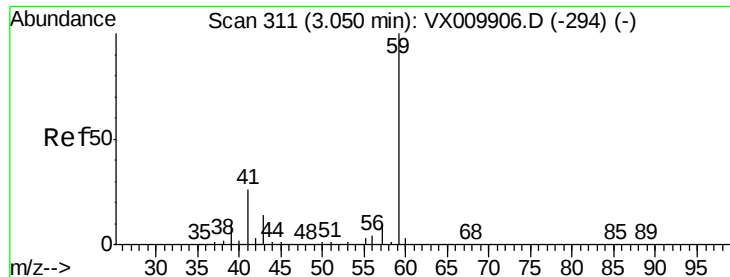
127 41.4 33.0 49.4

141 15.3 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

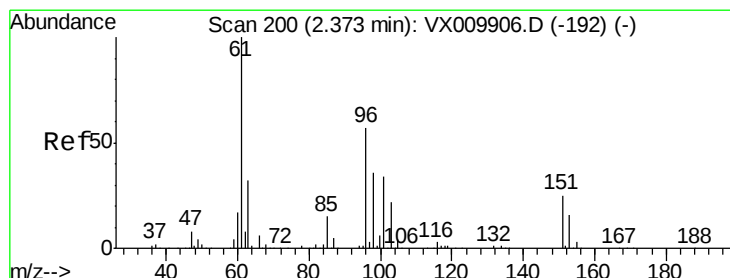
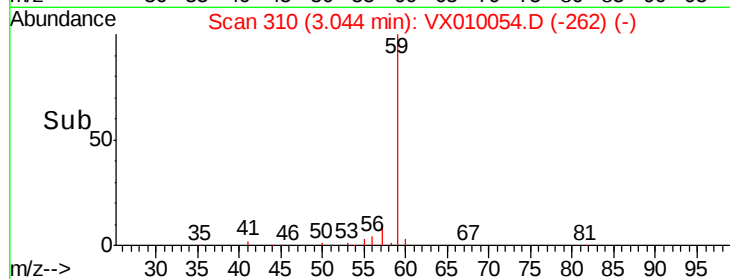
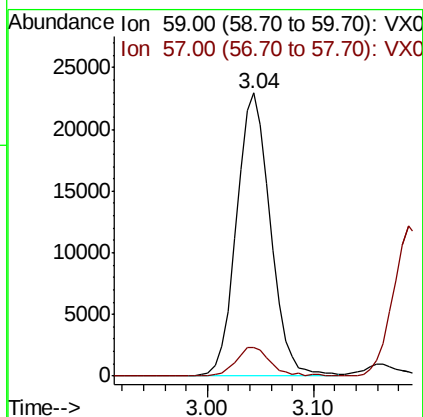
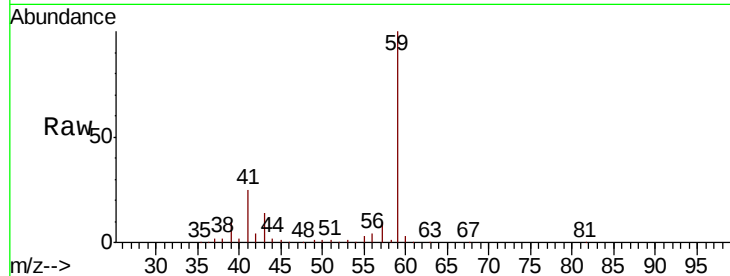




#11
Tert butyl alcohol
Concen: 87.817 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

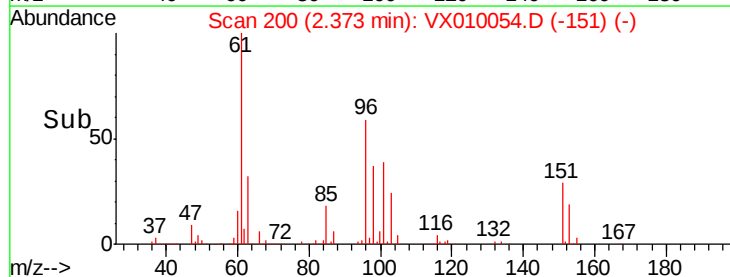
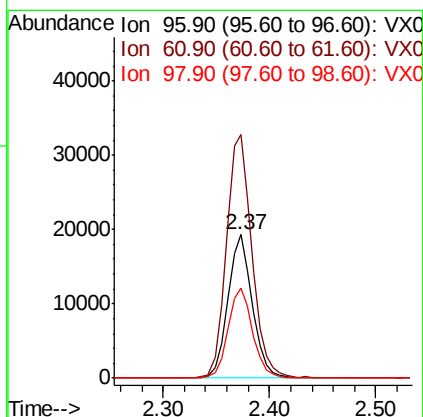
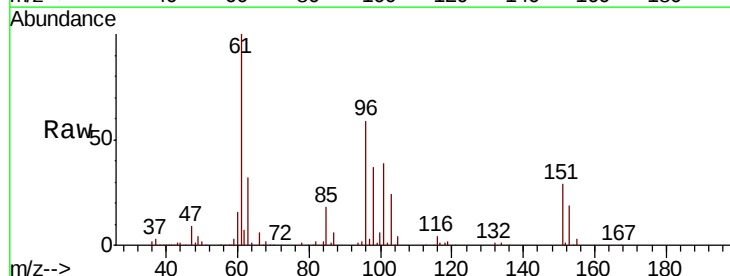
Instrument :
MSVOA_X
ClientSampled :

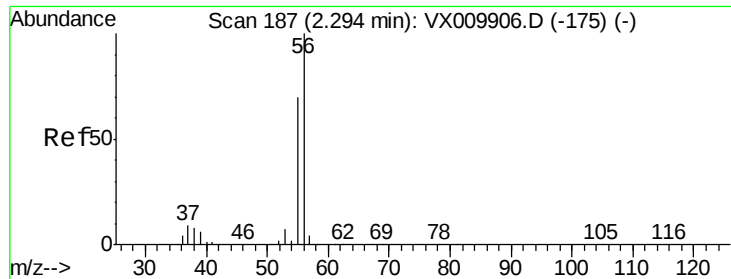
Tot Ion: 59 Resp: 51317
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.246 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 96 Resp: 31062
Ion Ratio Lower Upper
96 100
61 169.9 140.7 211.1
98 63.2 50.1 75.1





#13

Acrolein

Concen: 85.793 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

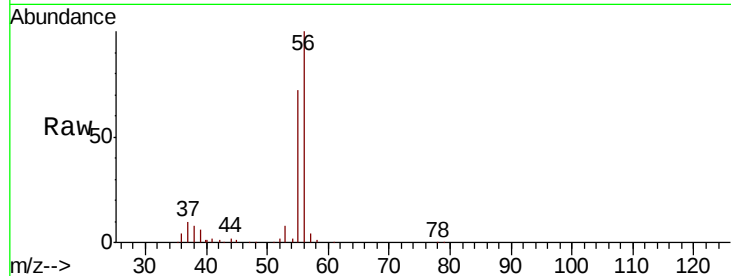
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29268

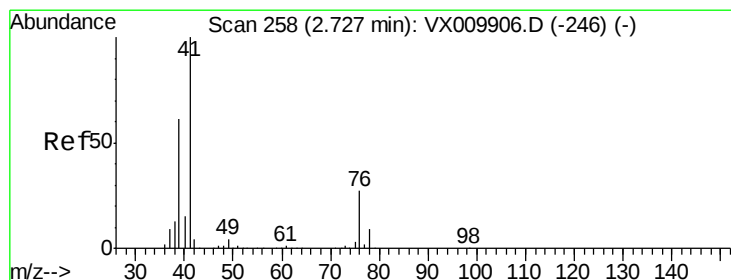
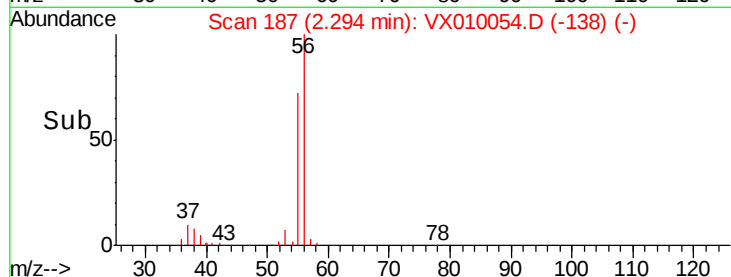
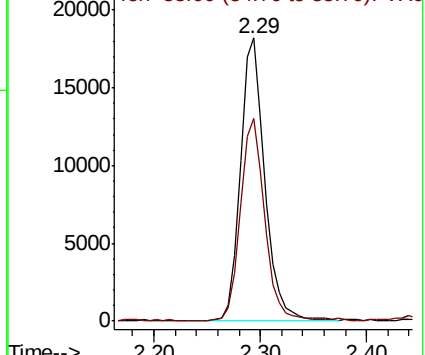
Ion Ratio Lower Upper

56 100

55 70.4 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: 17.621 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

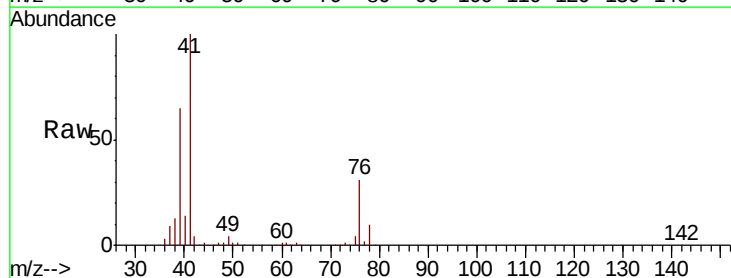
Tgt Ion: 41 Resp: 72908

Ion Ratio Lower Upper

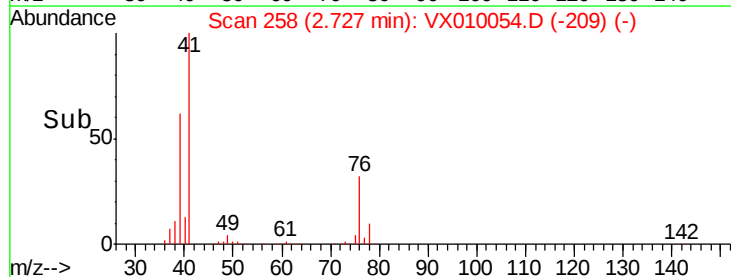
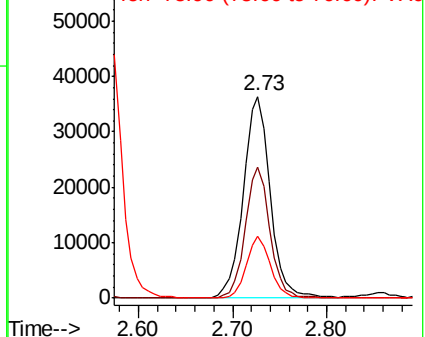
41 100

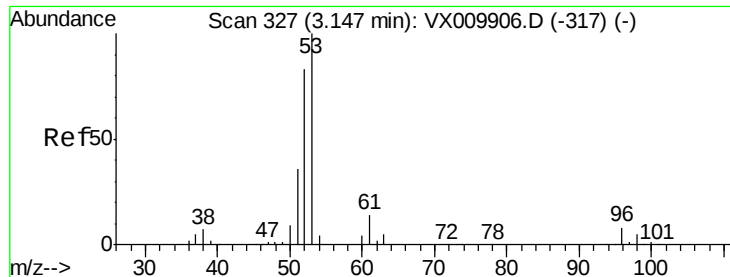
39 58.8 46.7 70.1

76 27.3 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: 86.575 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

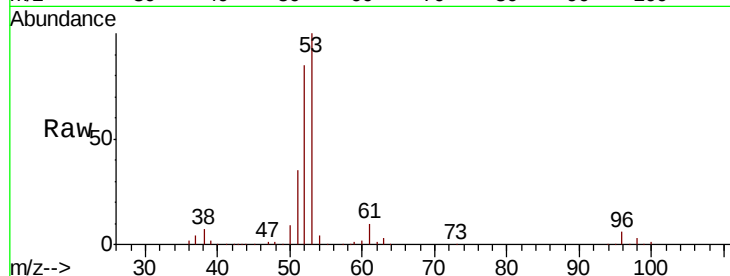
Tot Ion: 53 Resp: 121898

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

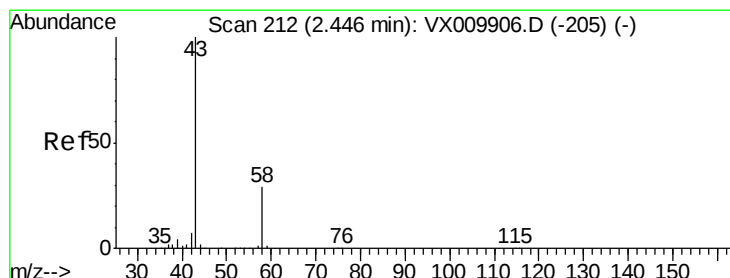
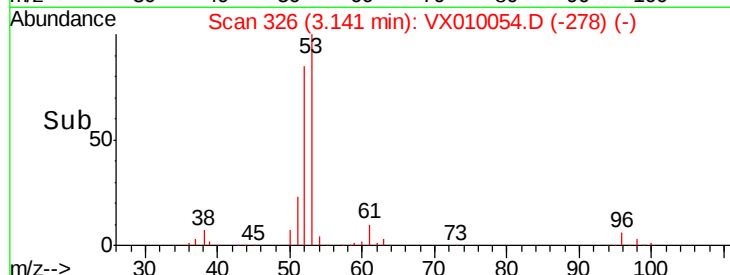
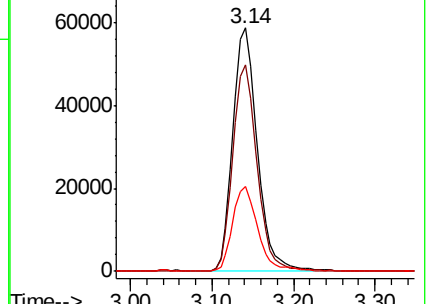
51 35.9 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.767 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010054.D

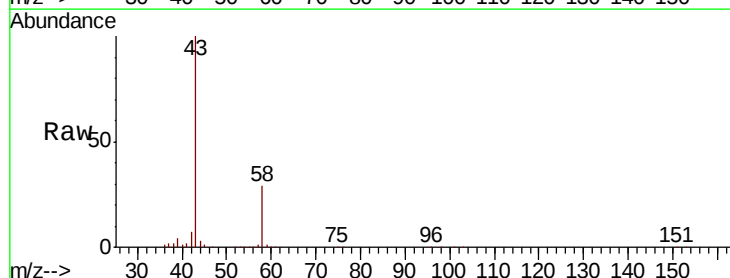
Acq: 04 Jun 2019 12:02

Tgt Ion: 43 Resp: 121782

Ion Ratio Lower Upper

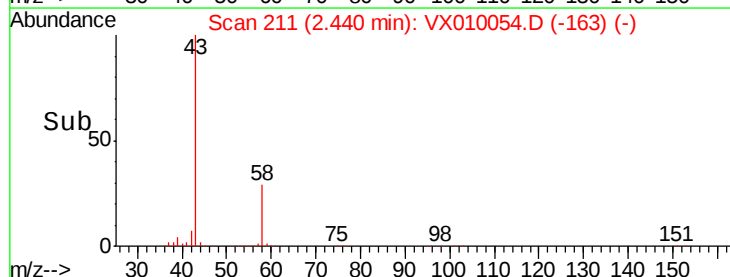
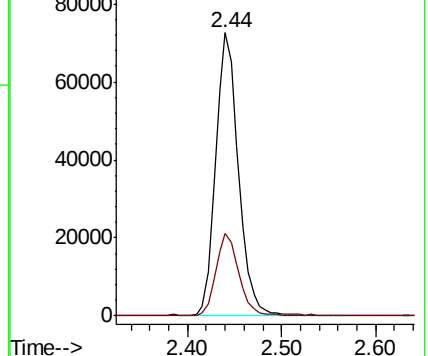
43 100

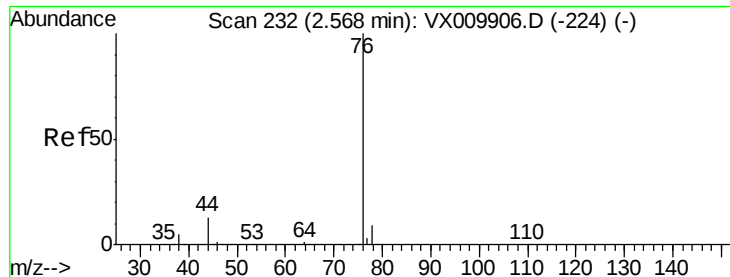
58 29.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

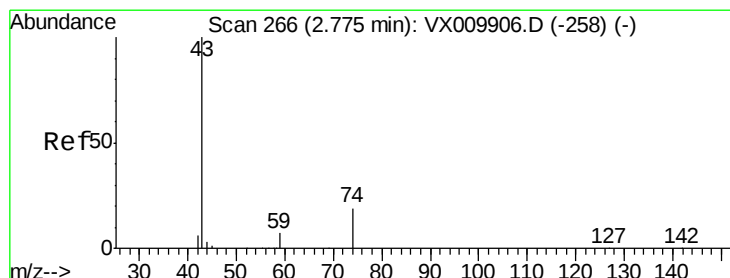
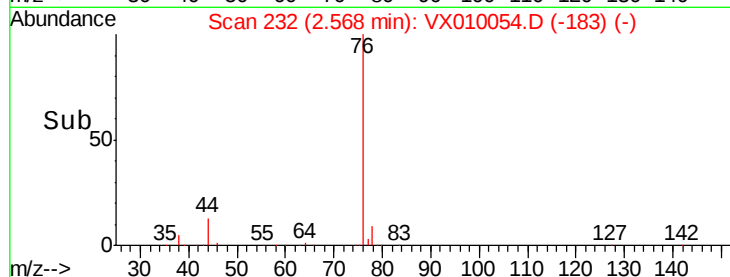
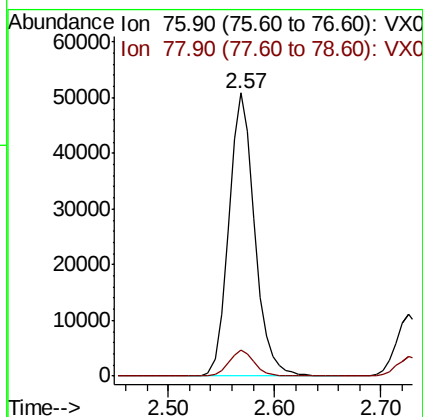
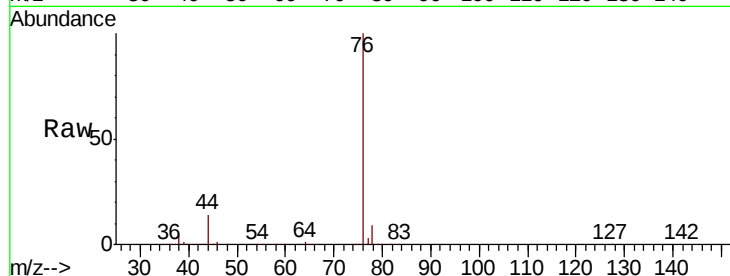




#17
Carbon Disulfide
Concen: 17.056 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

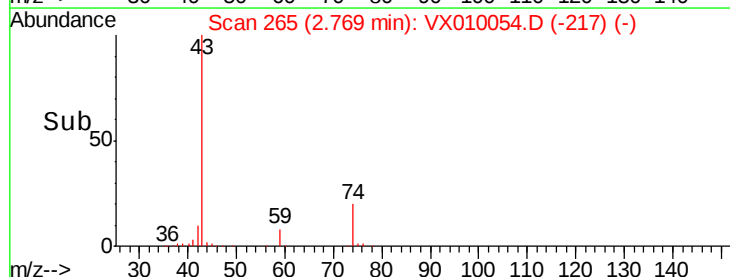
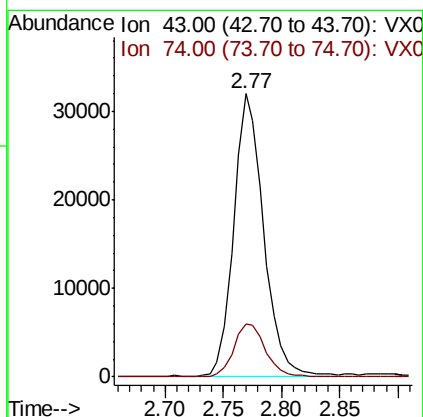
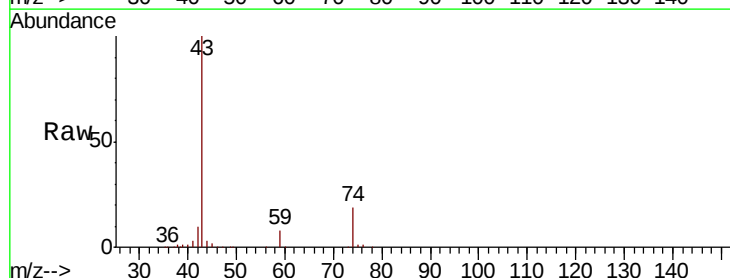
Instrument :
MSVOA_X
ClientSampleId :

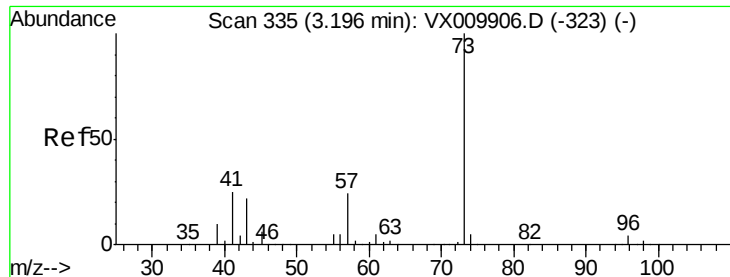
Tot Ion: 76 Resp: 86602
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 17.797 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 43 Resp: 56812
Ion Ratio Lower Upper
43 100
74 20.3 15.8 23.6



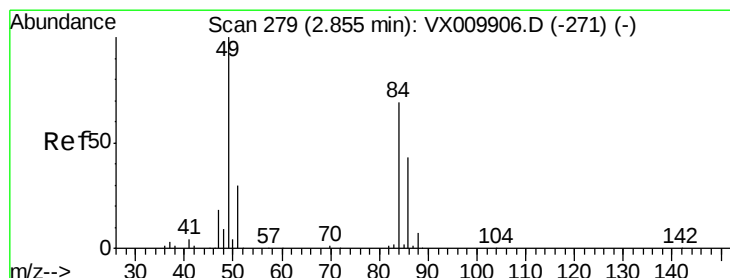
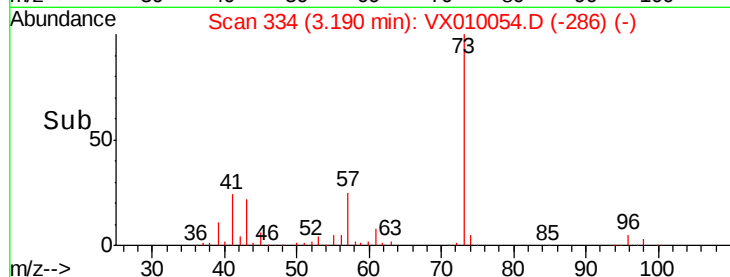
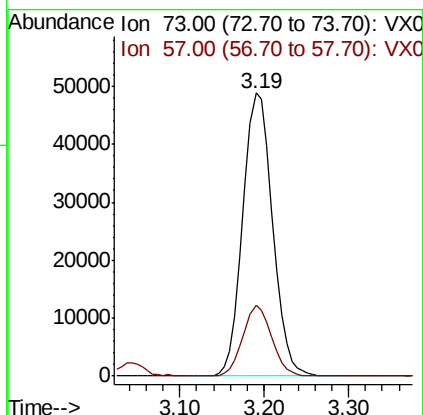
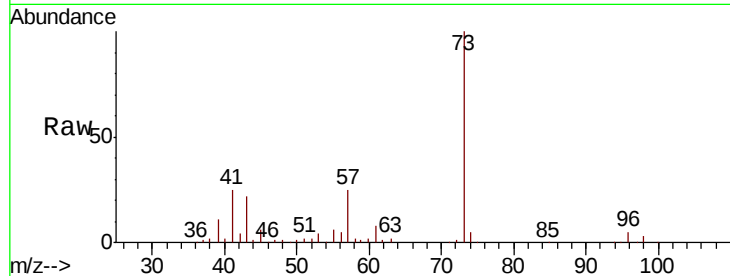


#19

Methyl tert-butyl Ether
 Concen: 18.168 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :

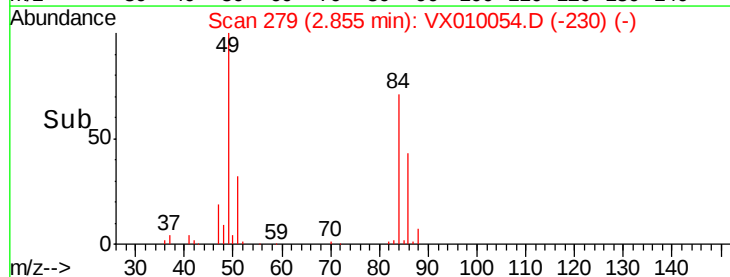
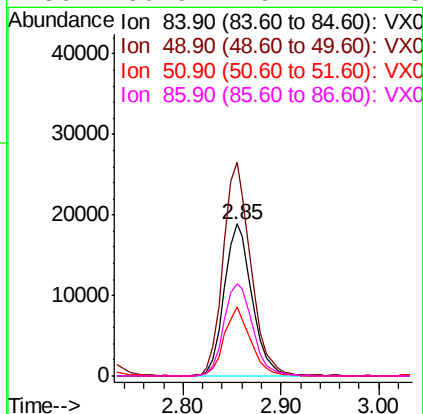
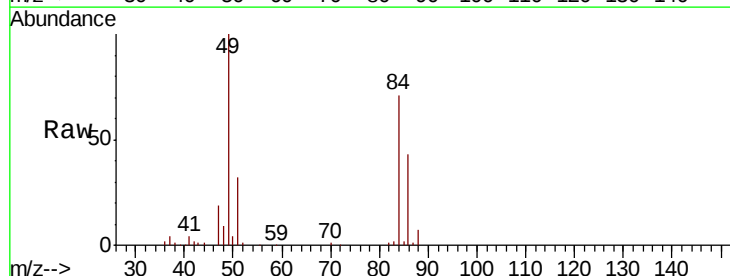
Tot Ion: 73 Resp: 116769
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.4 29.2

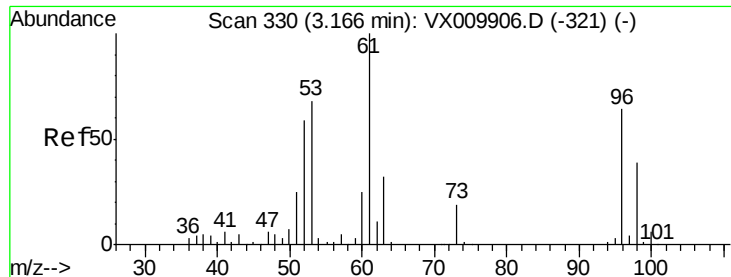


#20

Methylene Chloride
 Concen: 17.669 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 84 Resp: 37121
 Ion Ratio Lower Upper
 84 100
 49 140.3 115.8 173.6
 51 45.2 34.4 51.6
 86 60.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.690 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

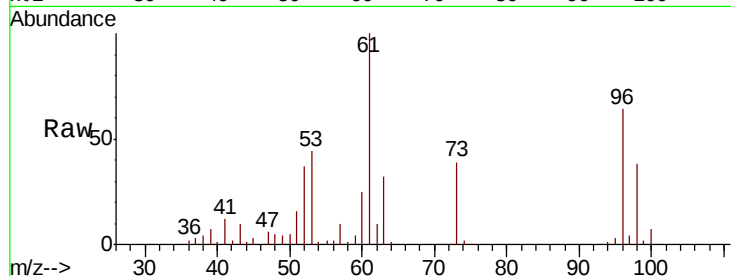
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 33507

Ion	Ratio	Lower	Upper
96	100		
61	156.4	125.7	188.5
98	58.7	49.0	73.6

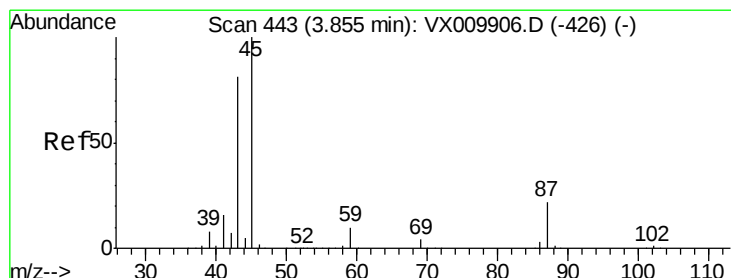
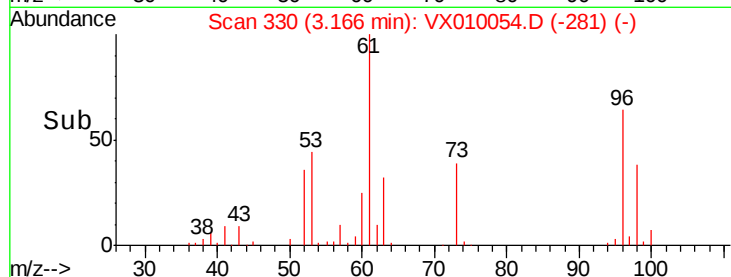
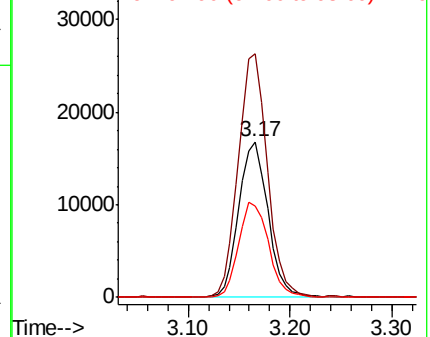


Abundance

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: 18.176 ug/l

RT: 3.85 min Scan# 443

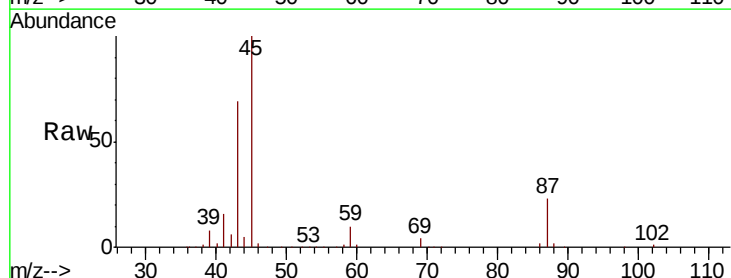
Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion: 45 Resp: 143090

Ion	Ratio	Lower	Upper
45	100		
43	69.2	65.0	97.4
87	23.2	17.3	25.9
59	10.0	8.1	12.1



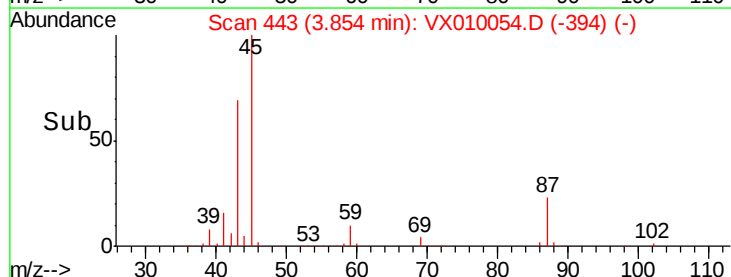
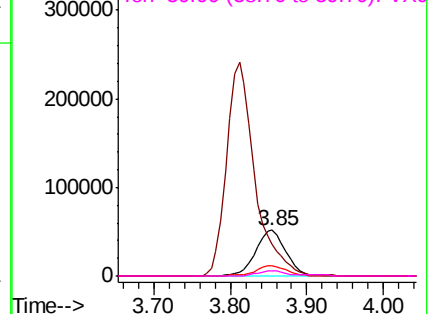
Abundance

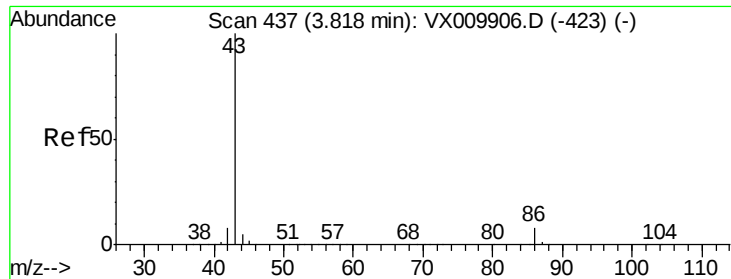
Ion 45.00 (44.70 to 45.70): VX0

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

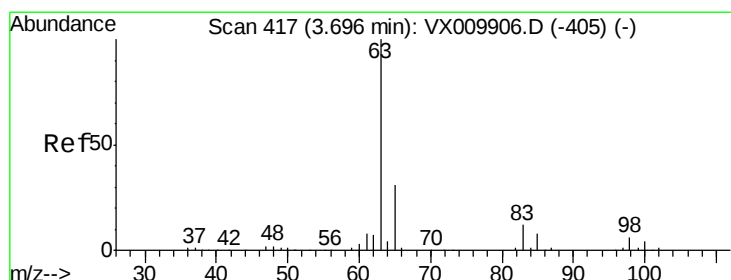
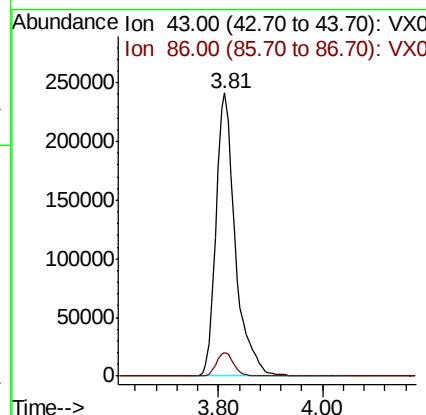
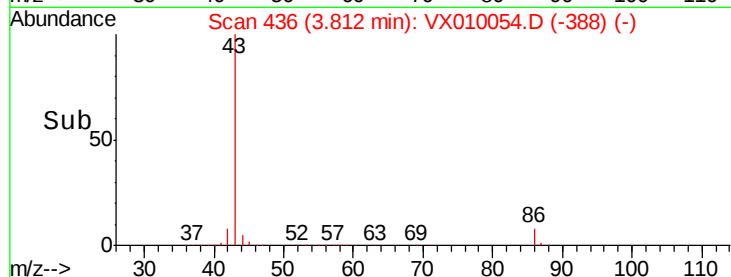
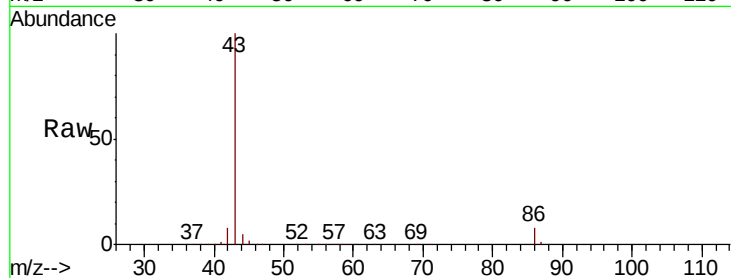




#23
 Vinyl Acetate
 Concen: 88.166 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

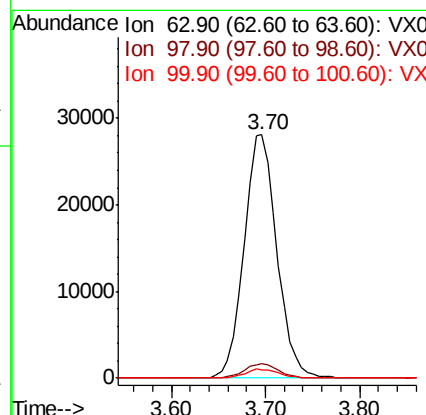
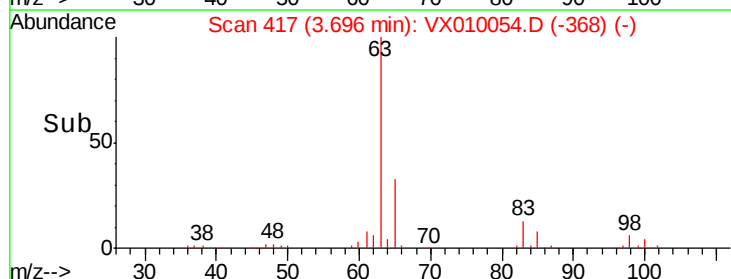
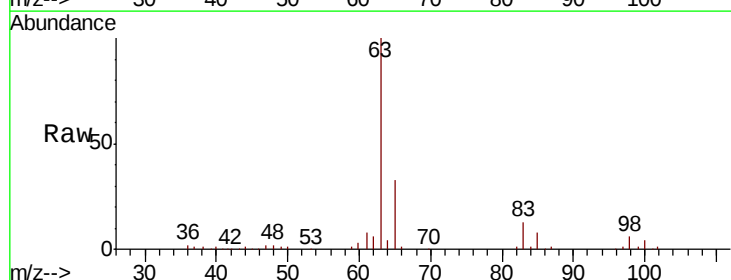
Instrument :
 MSVOA_X
 ClientSampled :

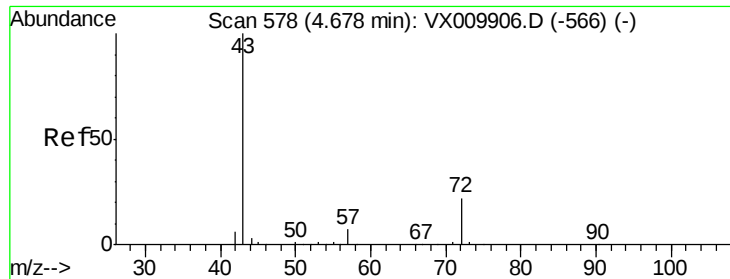
Tot Ion: 43 Resp: 623537
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 17.949 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 63 Resp: 68477
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.6 1.8 5.4





#25

2-Butanone

Concen: 86.688 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

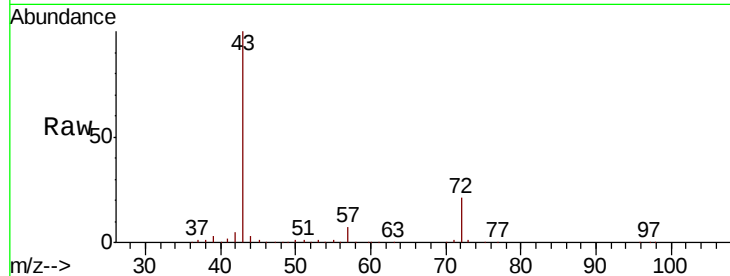
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 185291

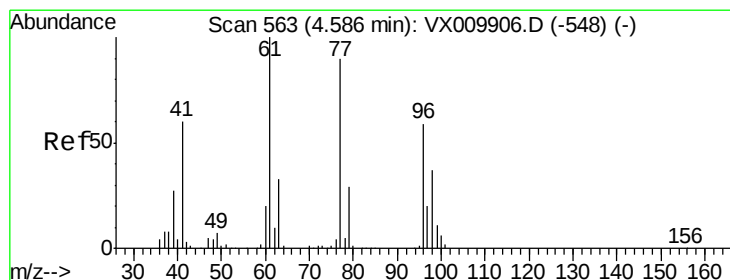
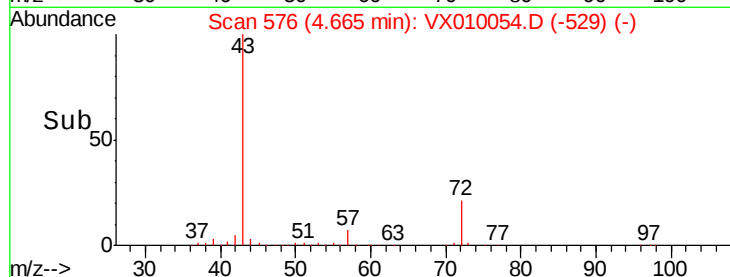
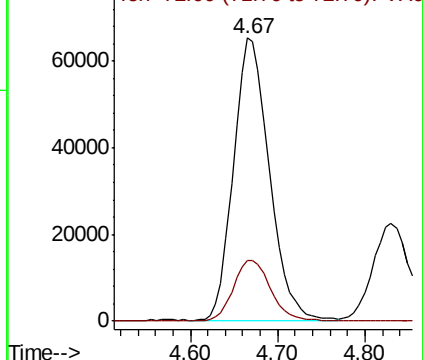
Ion Ratio Lower Upper

43 100

72 21.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.853 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010054.D

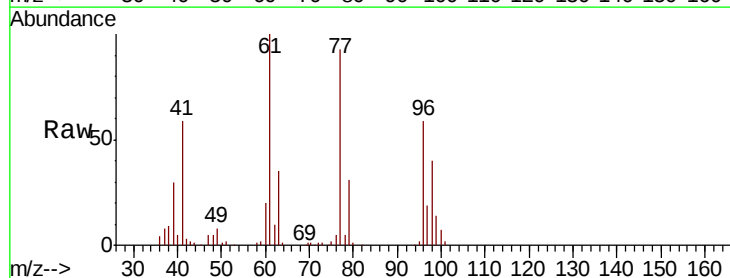
Acq: 04 Jun 2019 12:02

Tgt Ion: 77 Resp: 51523

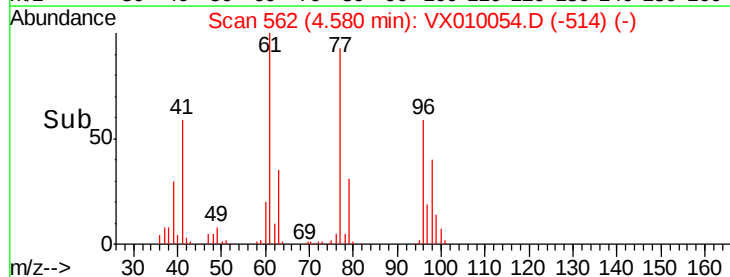
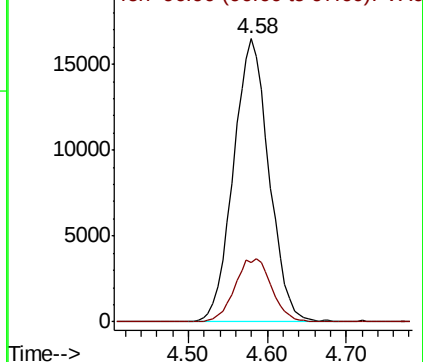
Ion Ratio Lower Upper

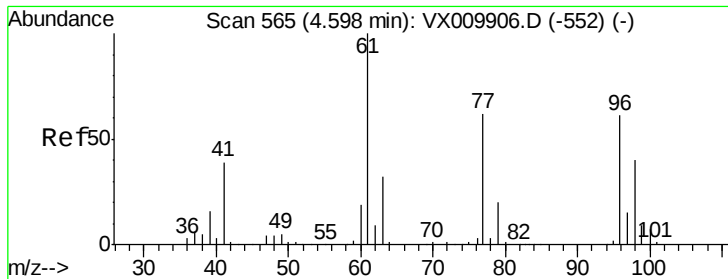
77 100

97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



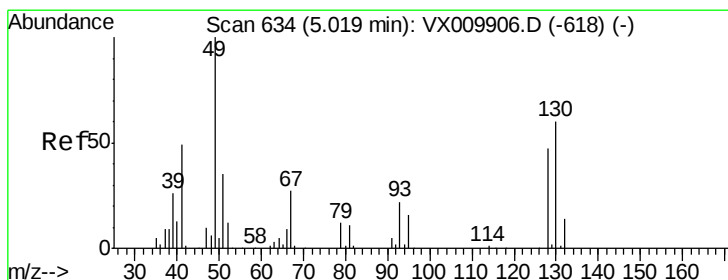
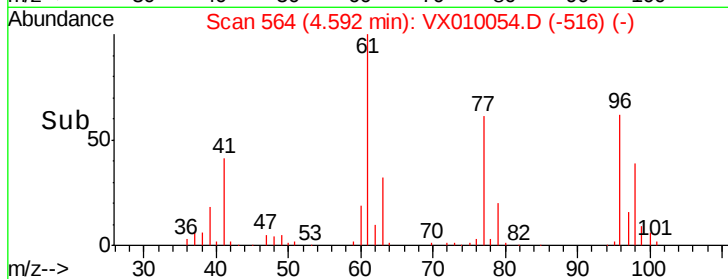
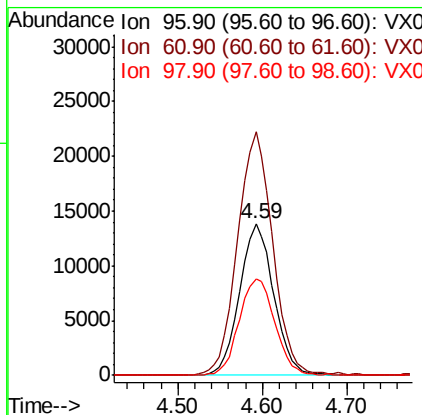
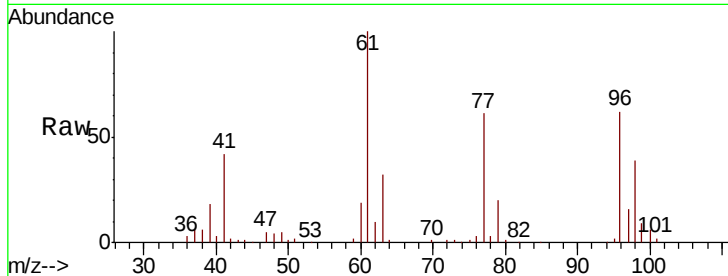


#27
 cis-1,2-Dichloroethene
 Concen: 17.340 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 37914

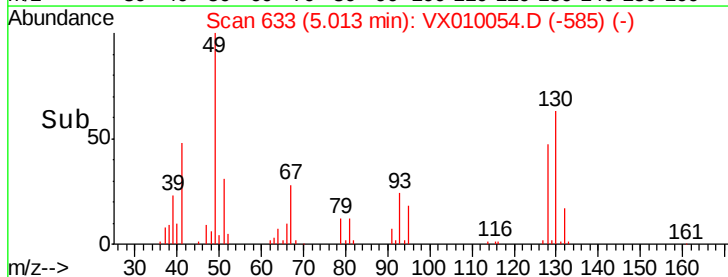
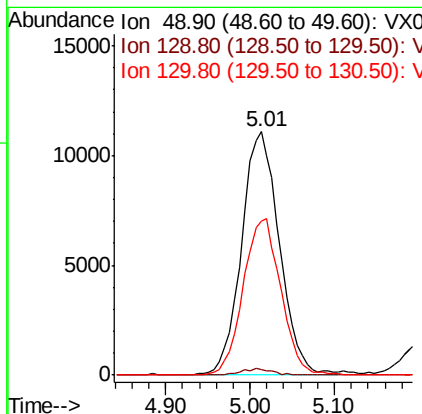
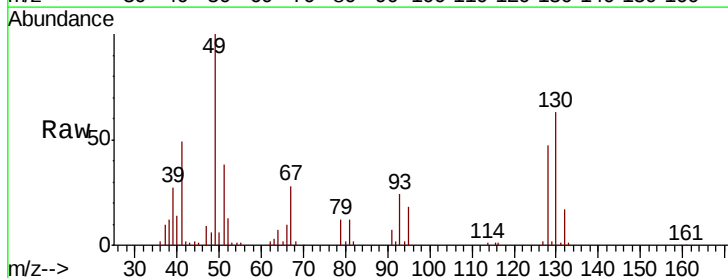
Ion	Ratio	Lower	Upper
96	100		
61	165.1	0.0	334.0
98	66.6	0.0	131.6

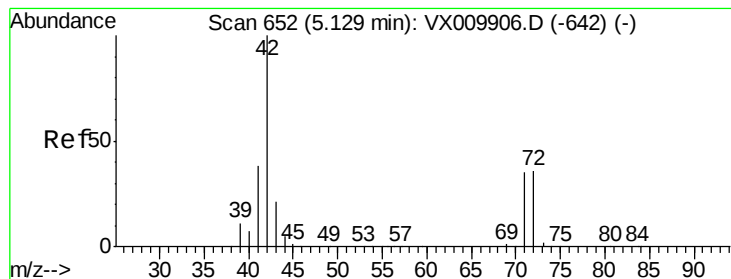


#28
 Bromochloromethane
 Concen: 17.047 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 49 Resp: 33749

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	64.0	49.4	74.2





#29

Tetrahydrofuran

Concen: 87.076 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

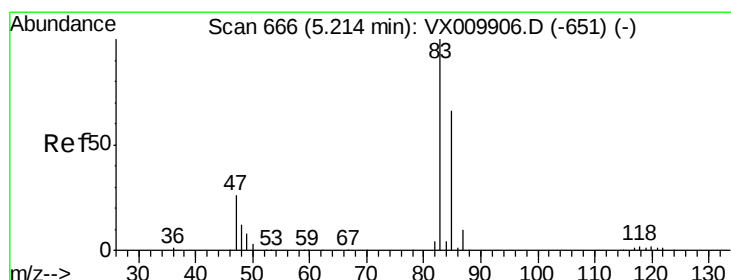
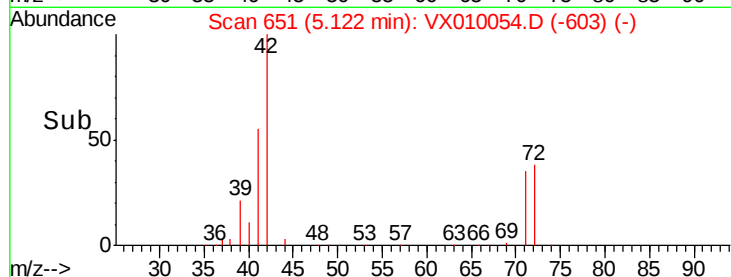
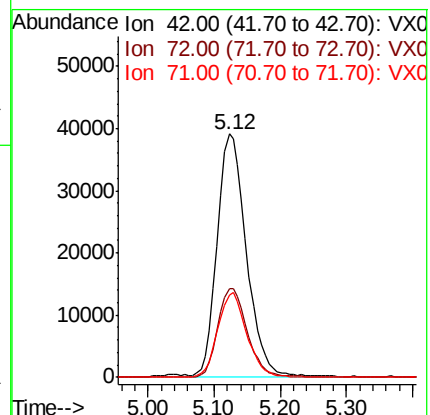
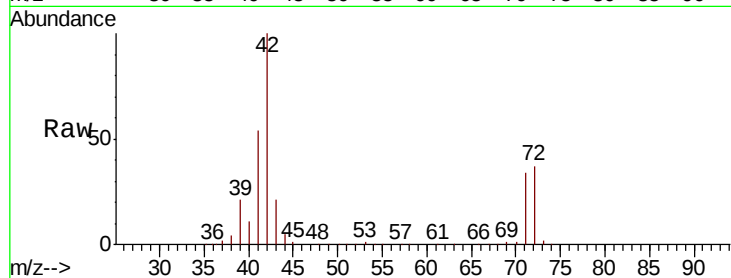
Tot Ion: 42 Resp: 119352

Ion Ratio Lower Upper

42 100

72 37.3 29.2 43.8

71 34.5 27.6 41.4



#30

Chloroform

Concen: 18.402 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010054.D

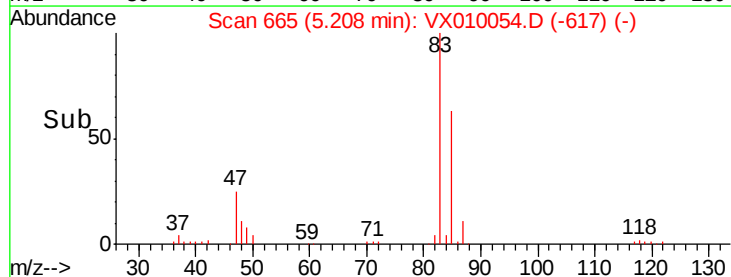
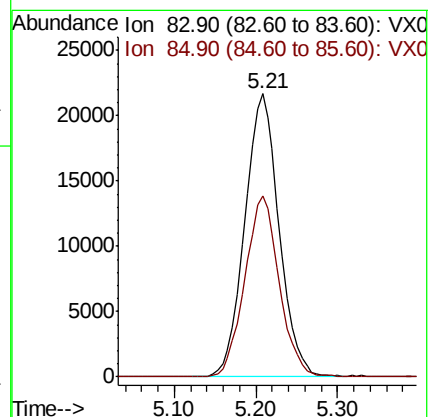
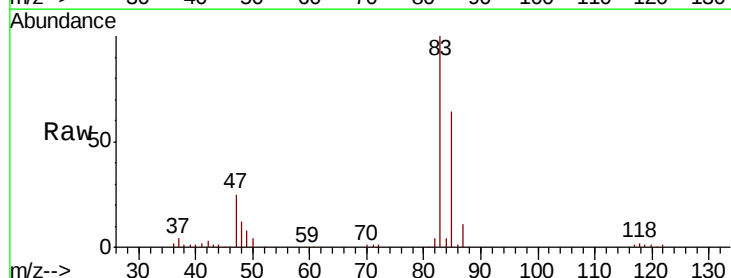
Acq: 04 Jun 2019 12:02

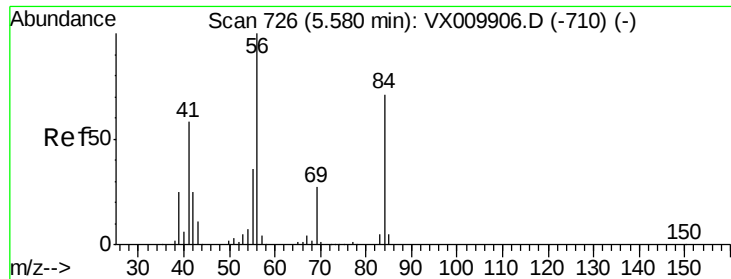
Tgt Ion: 83 Resp: 63317

Ion Ratio Lower Upper

83 100

85 63.9 52.6 78.8

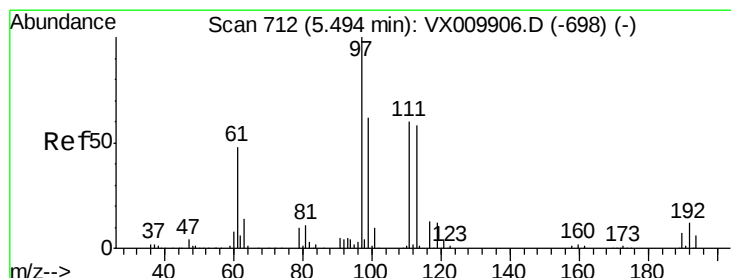
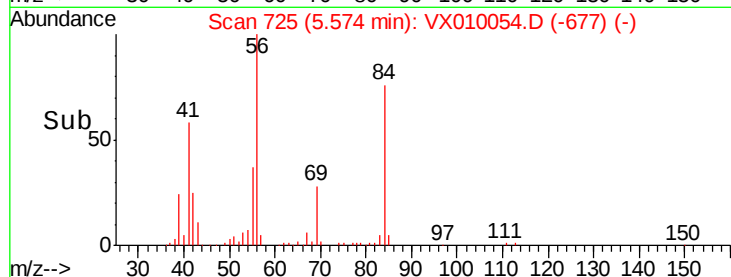
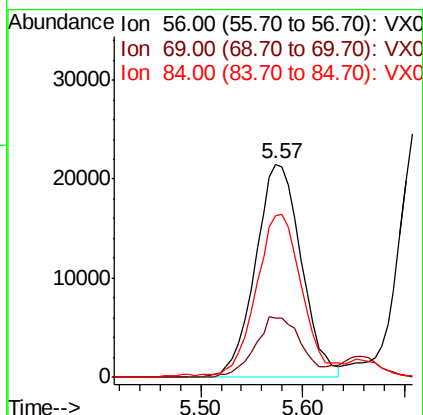
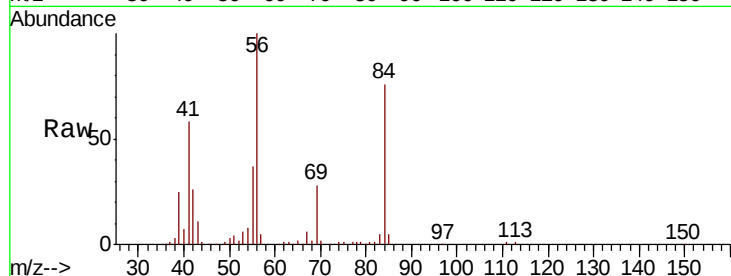




#31
Cyclohexane
Concen: 18.561 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

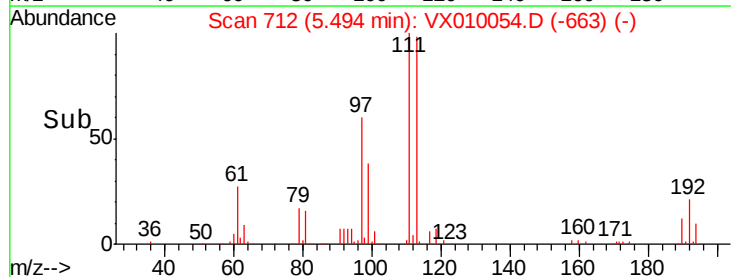
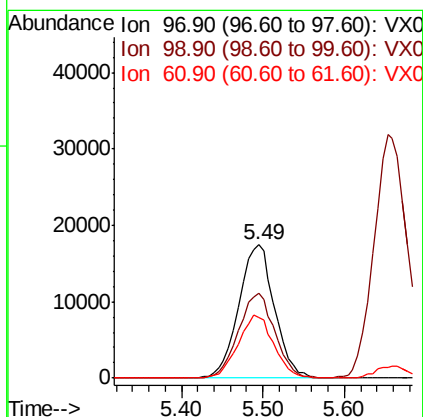
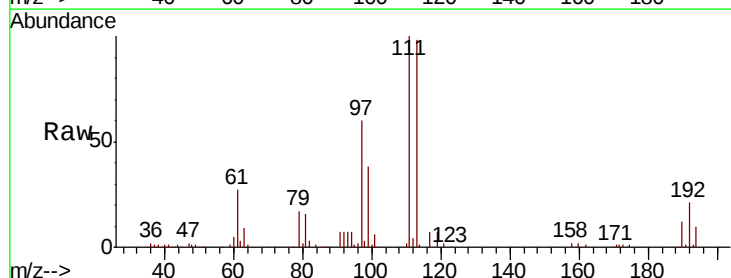
Instrument :
MSVOA_X
ClientSampled :

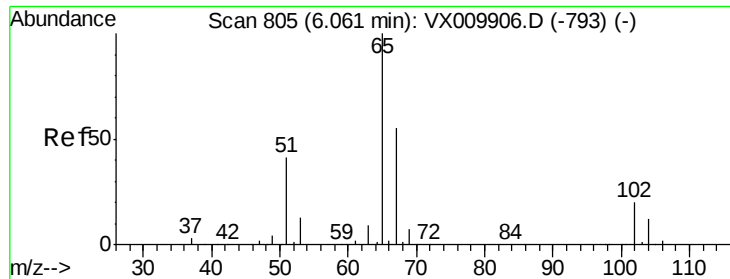
Tot Ion: 56 Resp: 67068
Ion Ratio Lower Upper
56 100
69 27.7 21.6 32.4
84 74.5 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 18.936 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 97 Resp: 53061
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 47.3 38.7 58.1

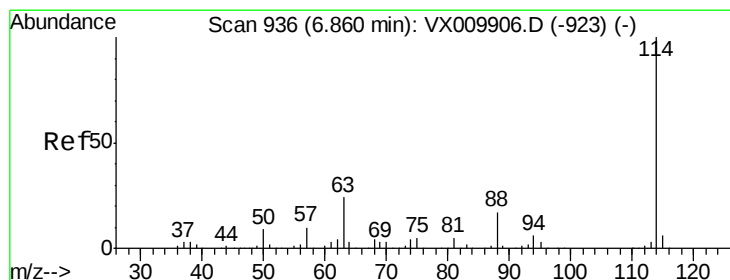
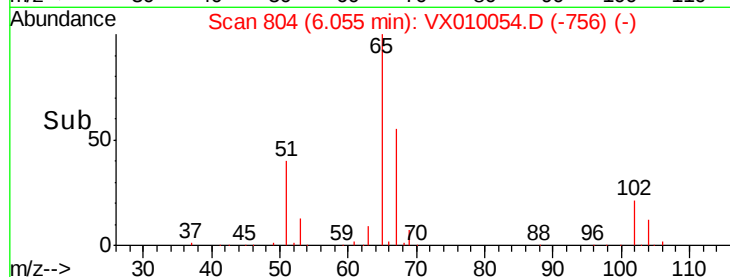
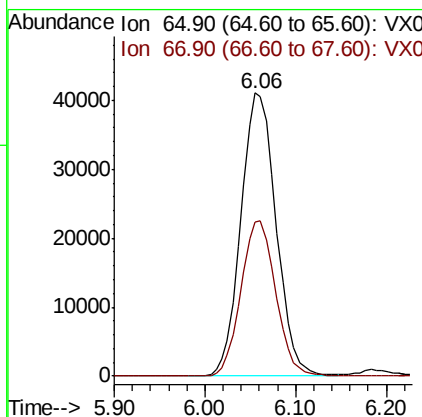
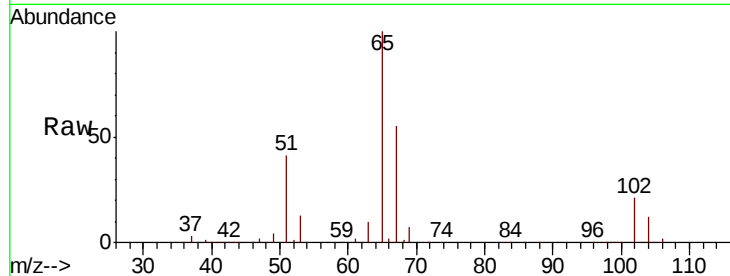




#33
 1,2-Dichloroethane-d4
 Concen: 46.515 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

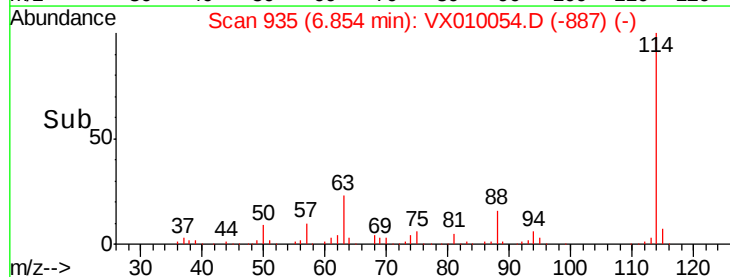
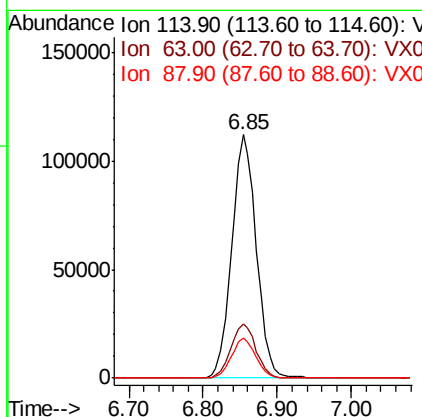
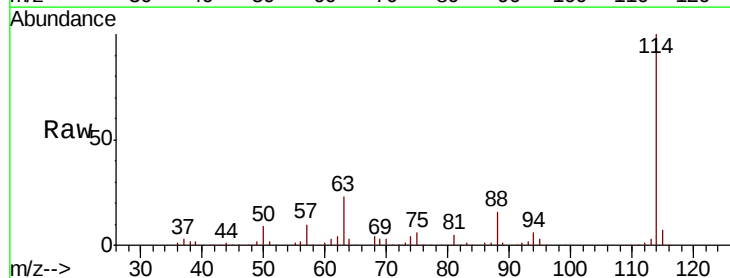
Instrument :
 MSVOA_X
 ClientSampled :

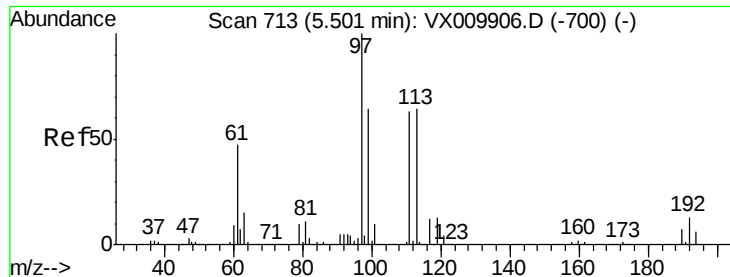
Tot Ion: 65 Resp: 110449
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 114 Resp: 258984
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.2 0.0 33.0

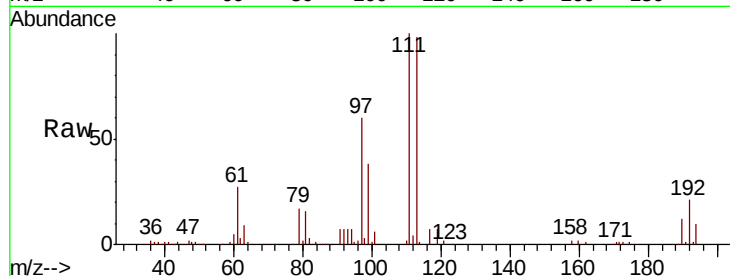




#35
 Dibromofluoromethane
 Concen: 48.919 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.2
192	22.1	17.1	25.7

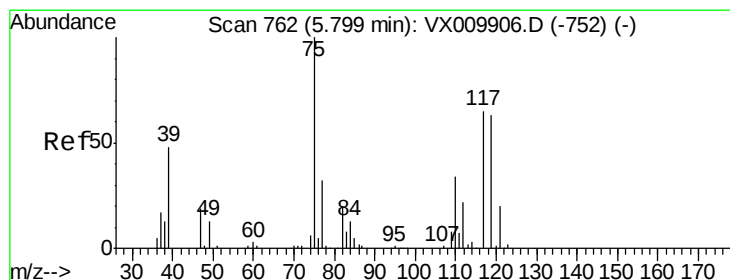
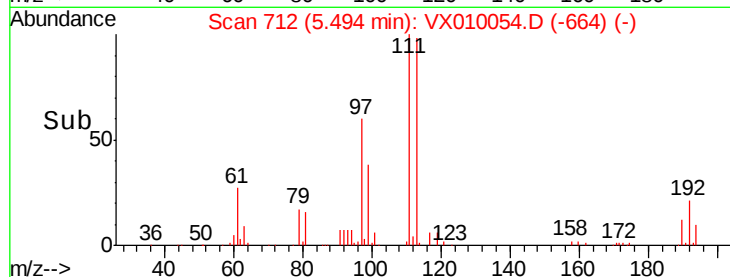
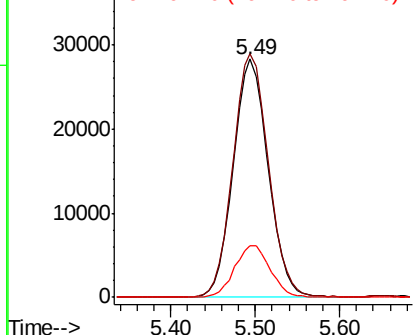


Abundance

Ion 112.80 (112.50 to 113.50): V

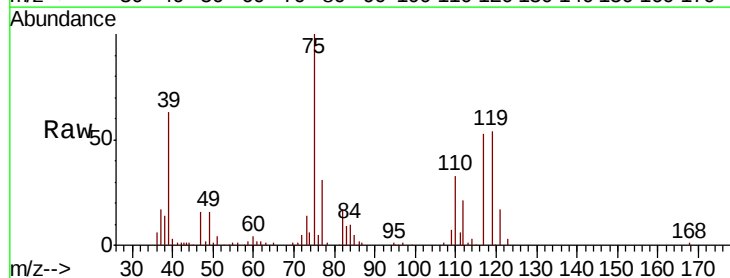
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.314 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.7	50.1
77	31.5	25.0	37.4

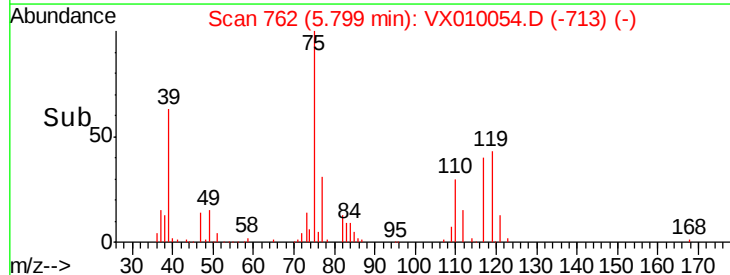
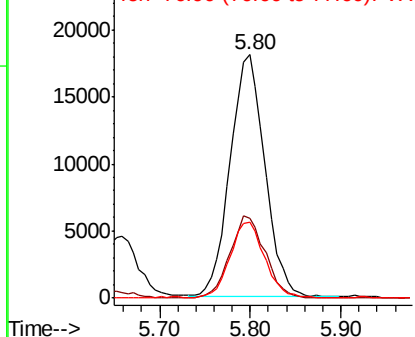


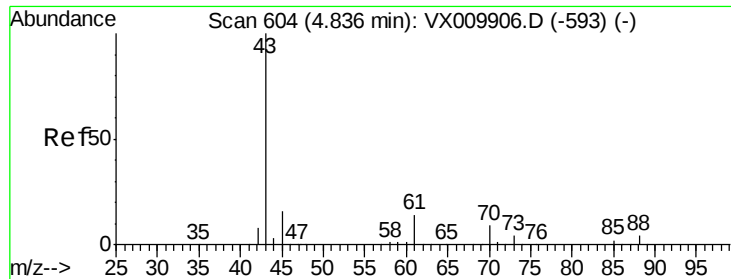
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

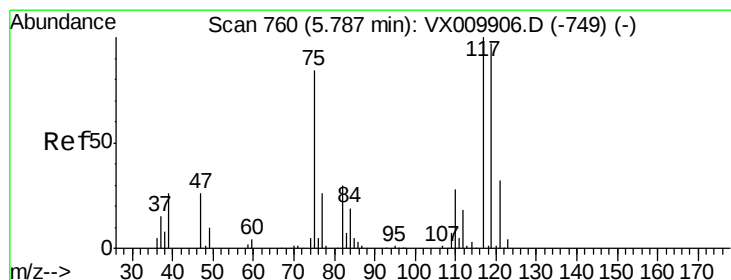
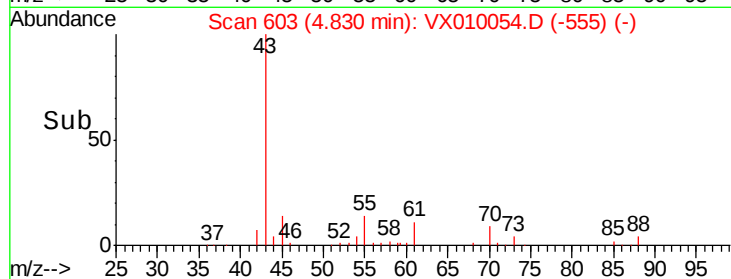
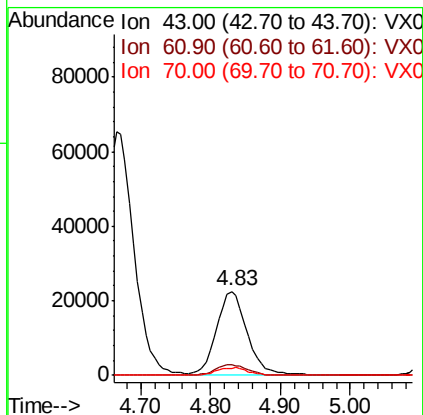
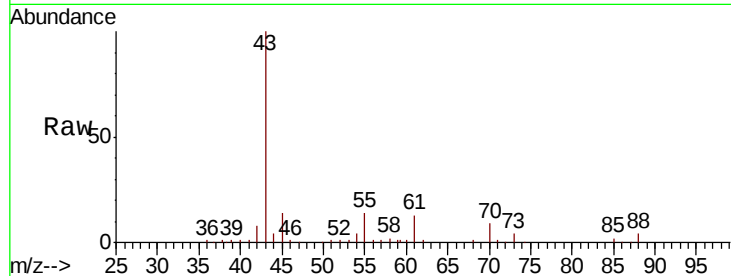




#37
Ethyl Acetate
Concen: 18.400 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

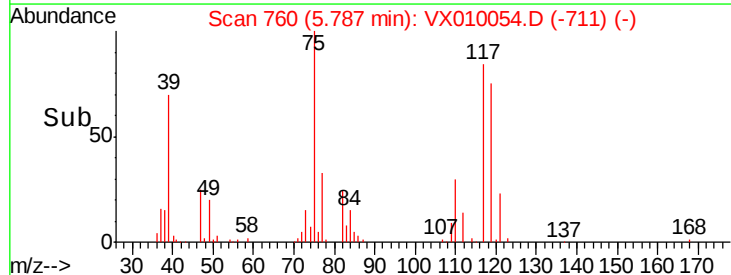
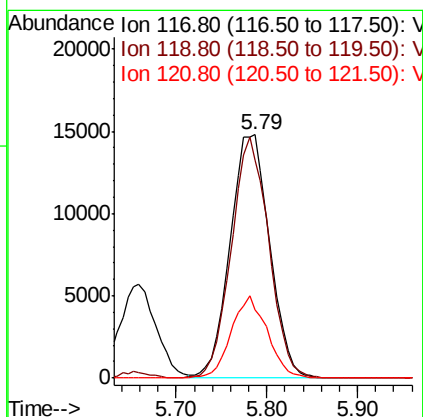
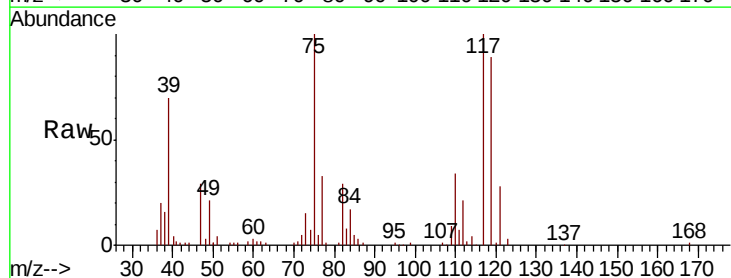
Instrument :
MSVOA_X
ClientSampleId :

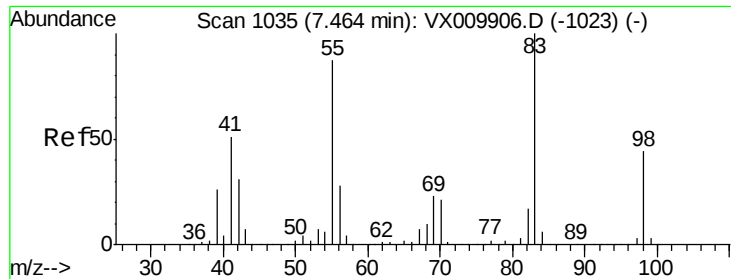
Tot Ion: 43 Resp: 67370
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.2
70 9.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.790 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 117 Resp: 44936
Ion Ratio Lower Upper
117 100
119 89.5 77.3 115.9
121 27.8 25.4 38.0

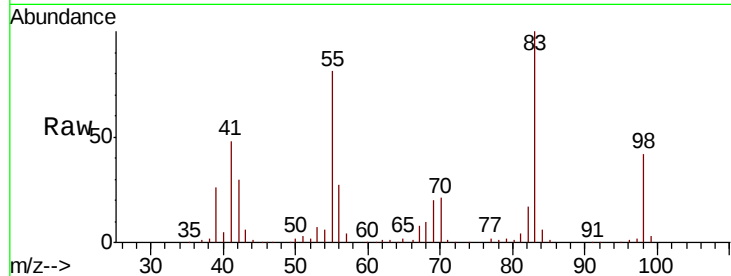




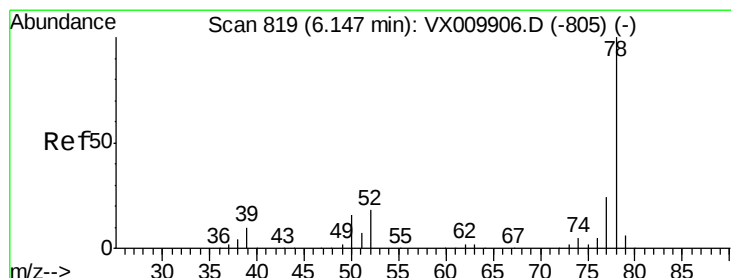
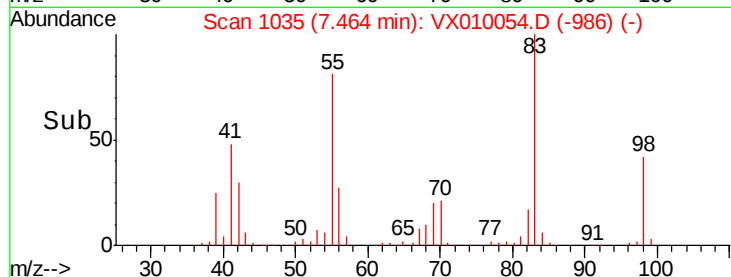
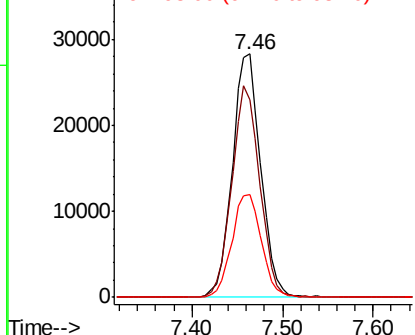
#39
Methvlcvclohexane
Concen: 19.697 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 61395
Ion Ratio Lower Upper
83 100
55 80.9 69.9 104.9
98 42.2 35.1 52.7

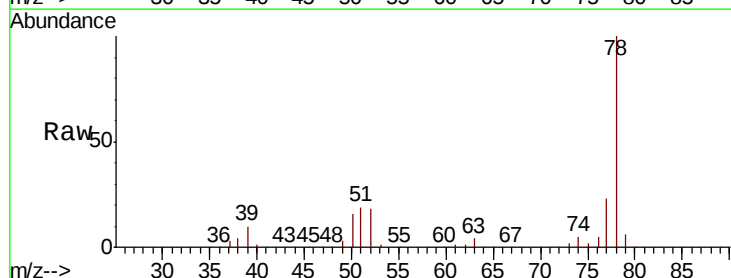


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

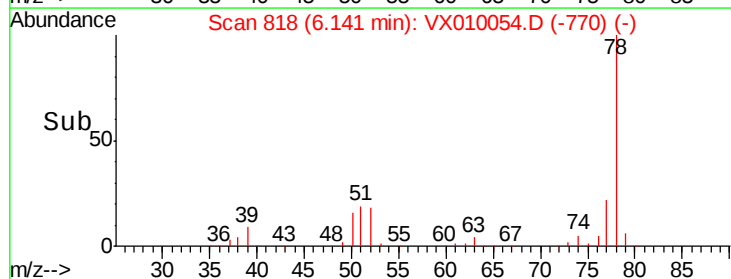
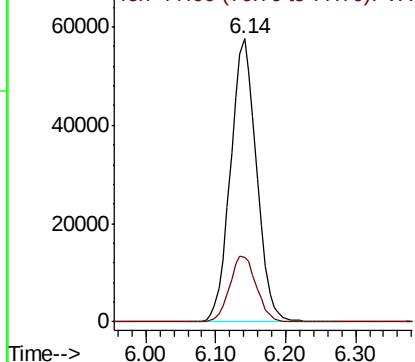


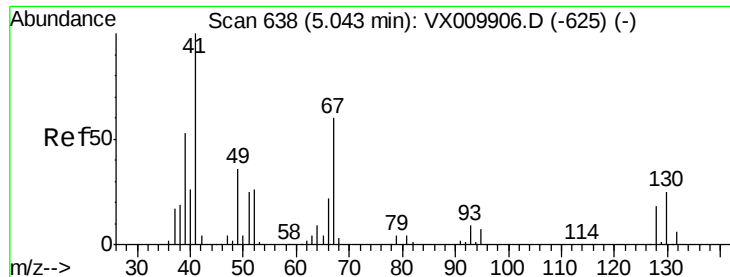
#40
Benzene
Concen: 19.088 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 78 Resp: 148791
Ion Ratio Lower Upper
78 100
77 22.9 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: 17.899 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 38295

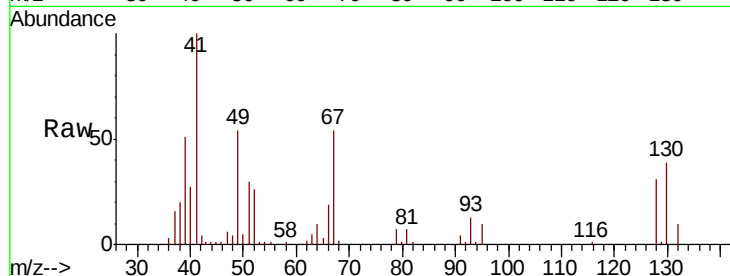
Ion Ratio Lower Upper

41 100

39 52.3 42.2 63.4

67 61.6 48.9 73.3

52 26.9 20.1 30.1

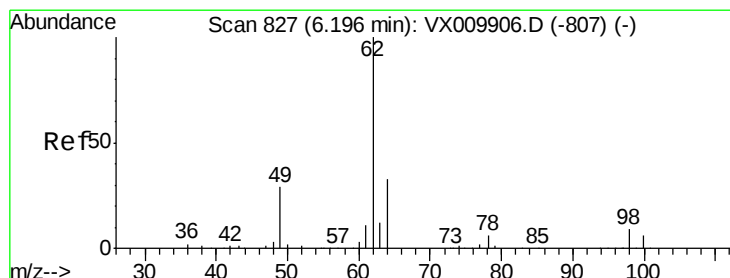
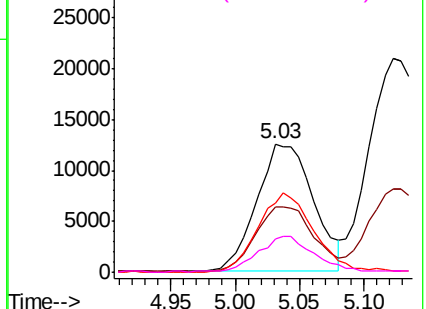
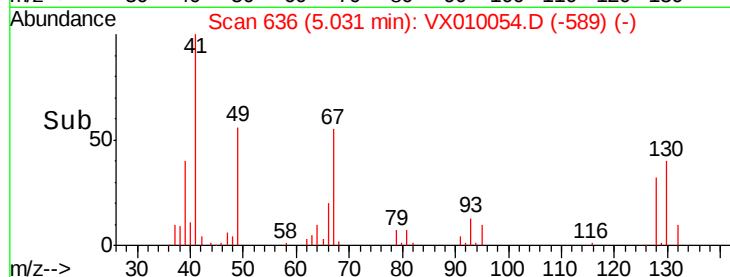


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.974 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010054.D

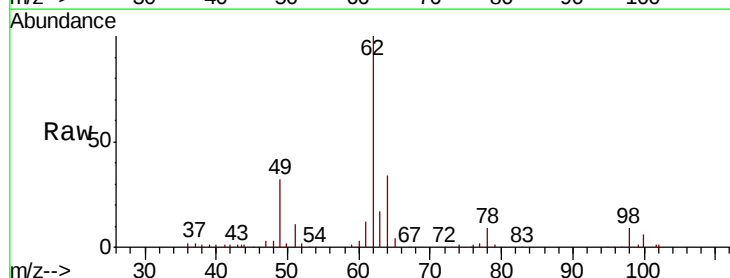
Acq: 04 Jun 2019 12:02

Tgt Ion: 62 Resp: 54678

Ion Ratio Lower Upper

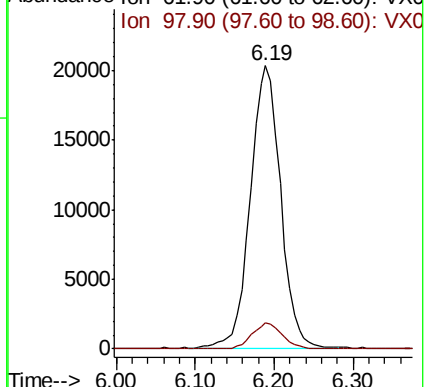
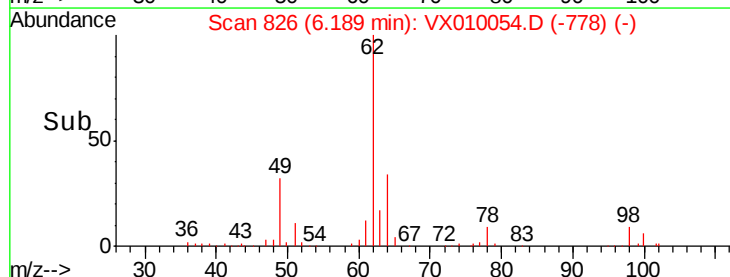
62 100

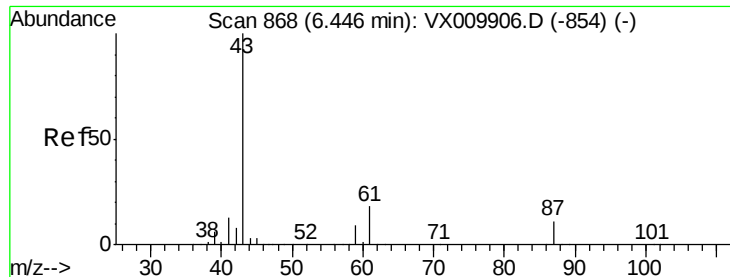
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



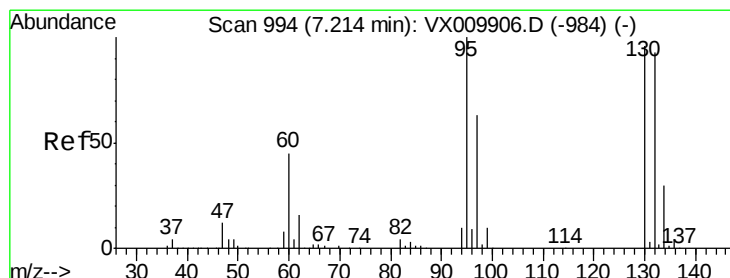
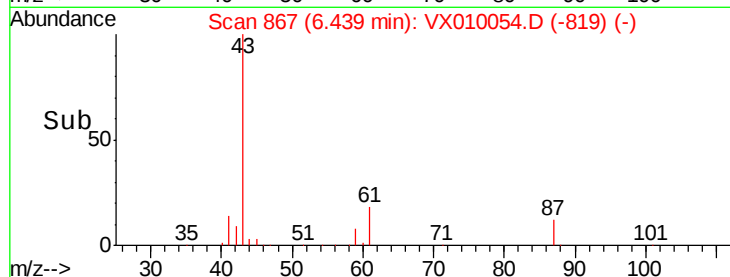
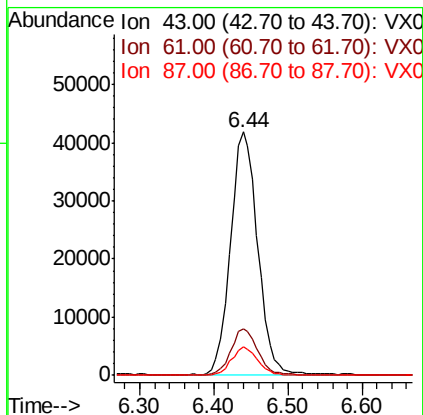
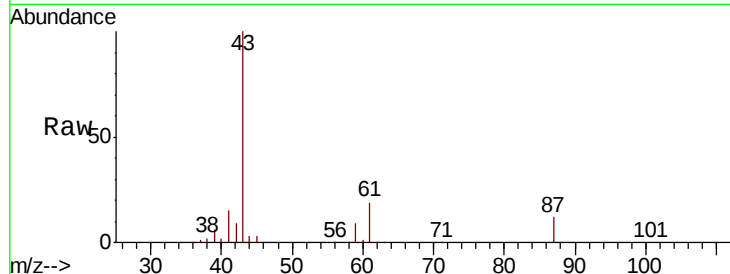


#43

Isopropyl Acetate
 Concen: 18.089 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :

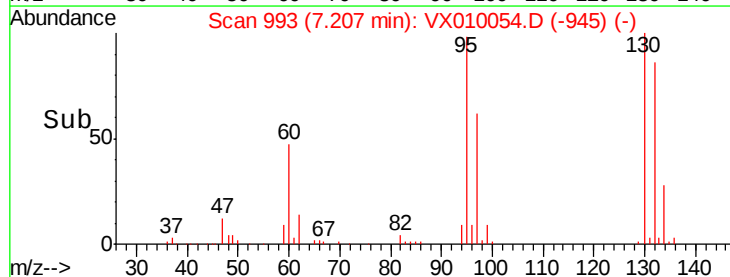
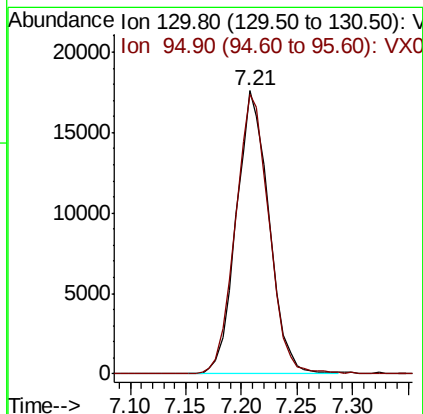
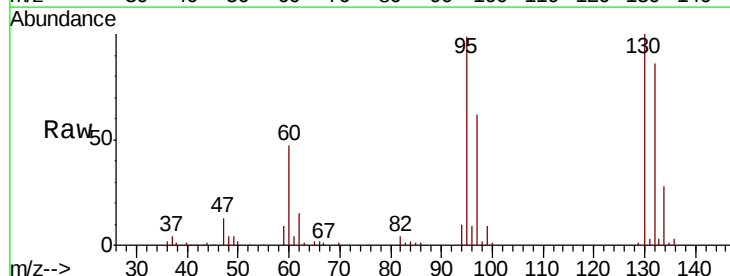
Tot Ion: 43 Resp: 106863
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.6 21.8
 87 11.2 8.7 13.1

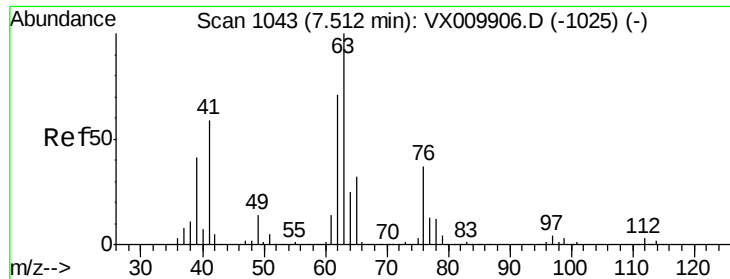


#44

Trichloroethene
 Concen: 18.955 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion:130 Resp: 35890
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 207.4





#45

1,2-Dichloropropane

Concen: 18.660 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

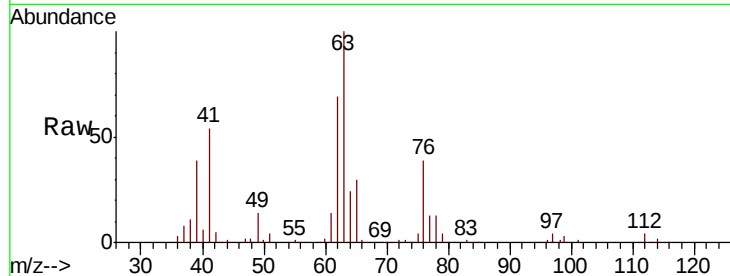
ClientSampled :

Tot Ion: 63 Resp: 41872

Ion Ratio Lower Upper

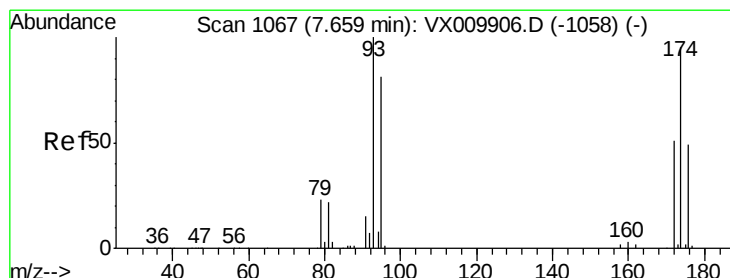
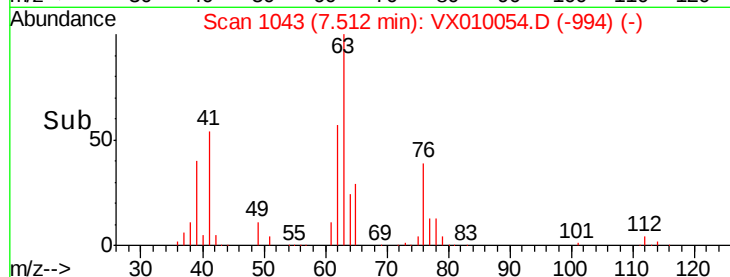
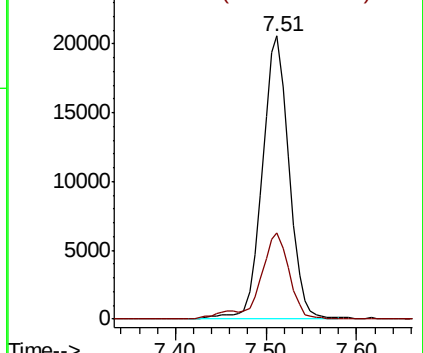
63 100

65 30.3 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.374 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

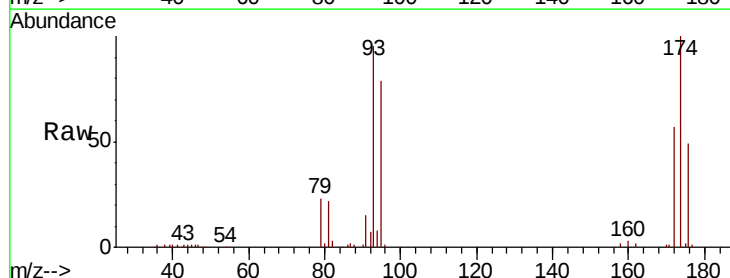
Tgt Ion: 93 Resp: 24269

Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

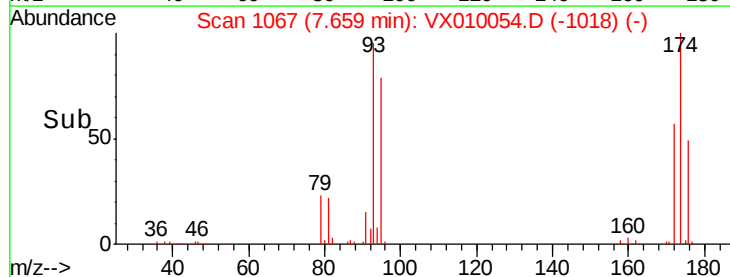
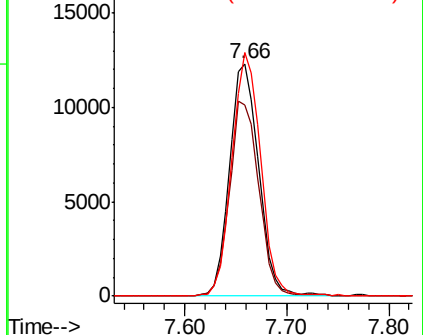
174 103.5 81.9 122.9

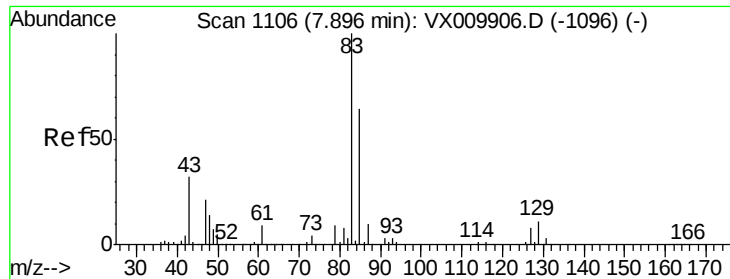


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.196 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

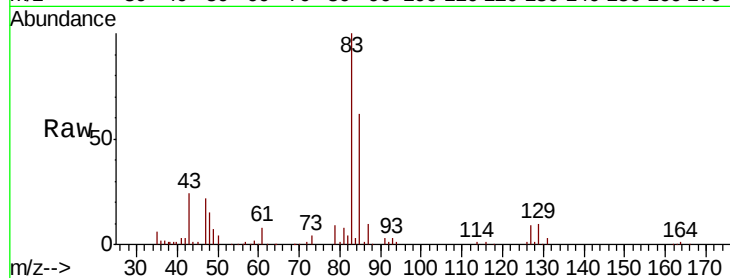
Tot Ion: 83 Resp: 48213

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.2

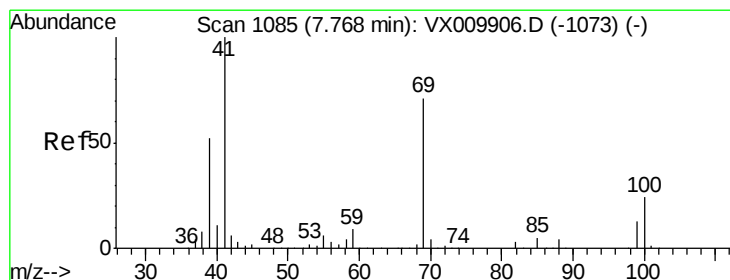
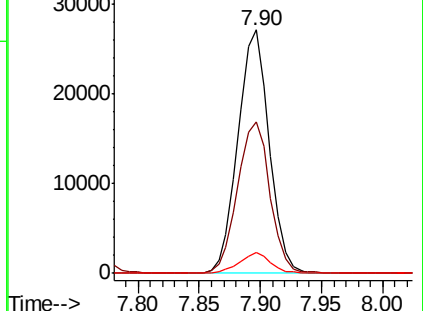
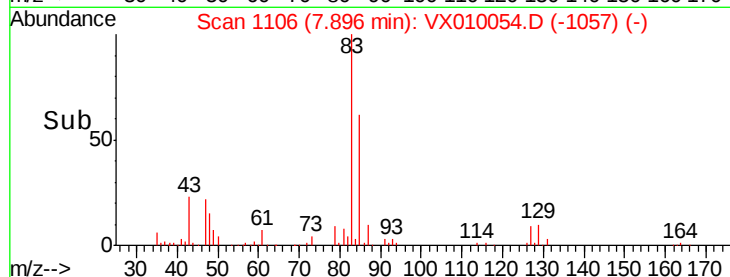
127 8.6 6.4 9.6



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: 18.350 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

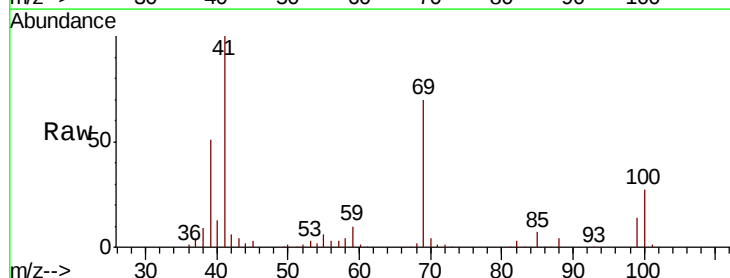
Tgt Ion: 41 Resp: 53666

Ion Ratio Lower Upper

41 100

69 71.8 56.4 84.6

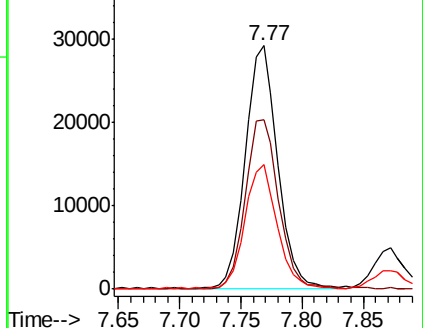
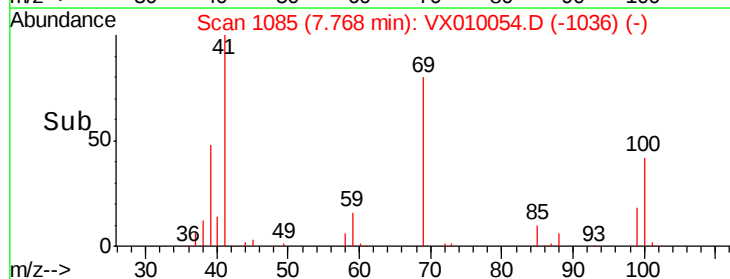
39 50.4 40.6 60.8

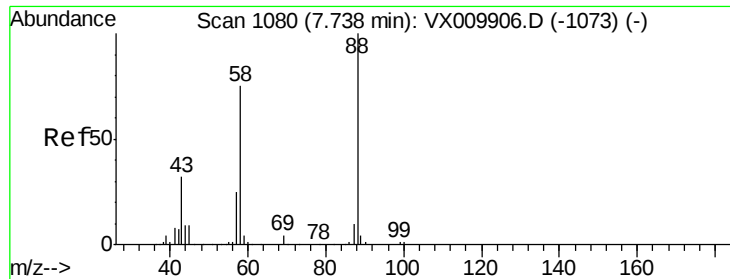


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

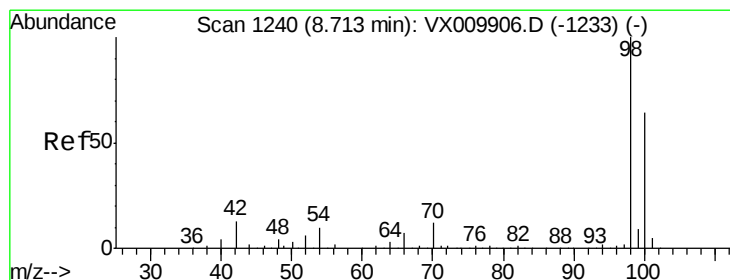
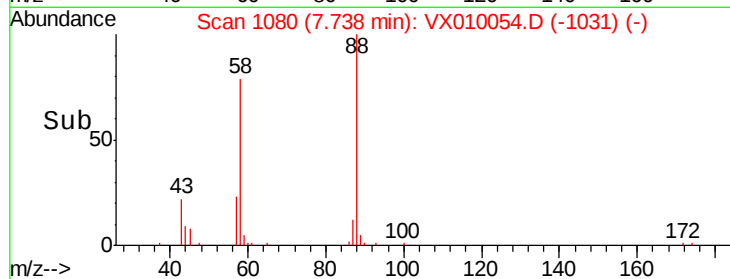
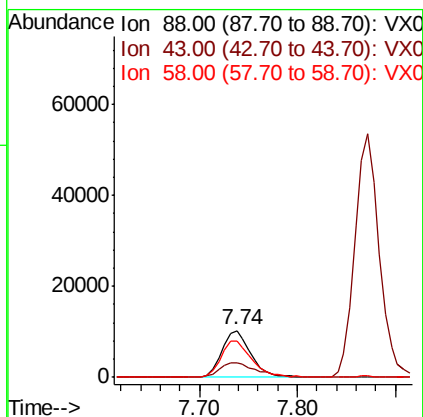
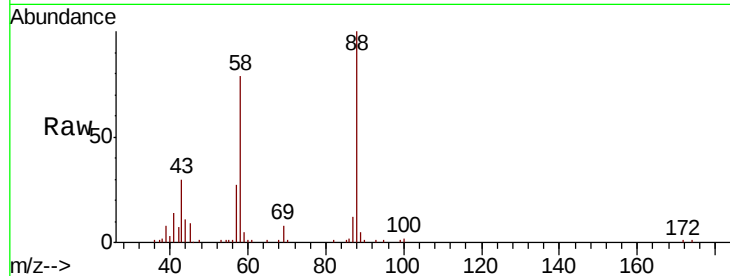




#49
1,4-Dioxane
Concen: 386.750 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

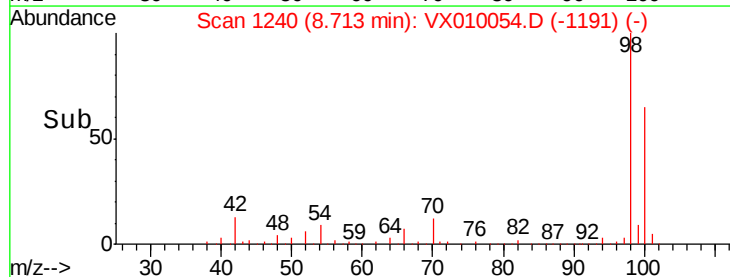
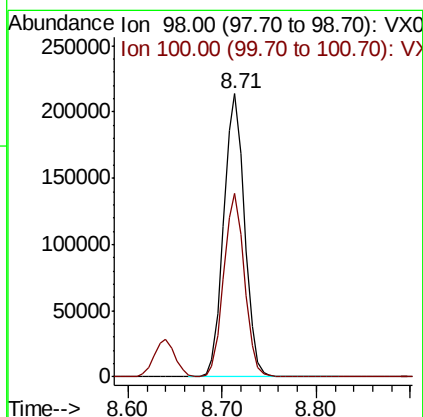
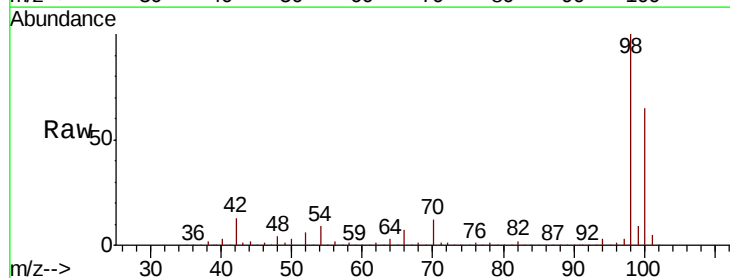
Instrument :
MSVOA_X
ClientSampleId :

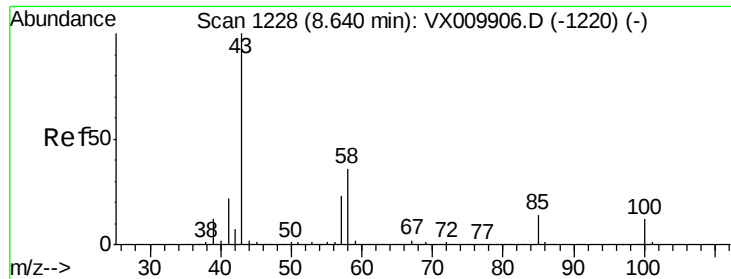
Tot Ion: 88 Resp: 21039
Ion Ratio Lower Upper
88 100
43 37.1 30.2 45.4
58 83.0 64.0 96.0



#50
Toluene-d8
Concen: 49.642 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 98 Resp: 328231
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 92.158 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

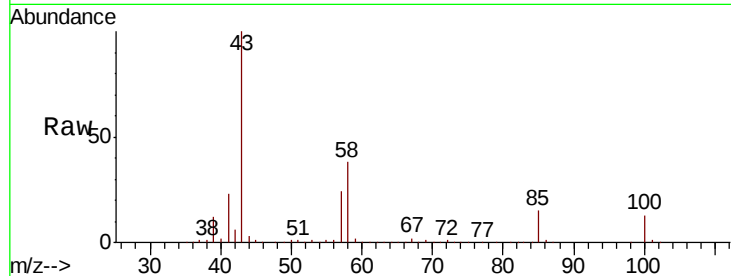
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 354172

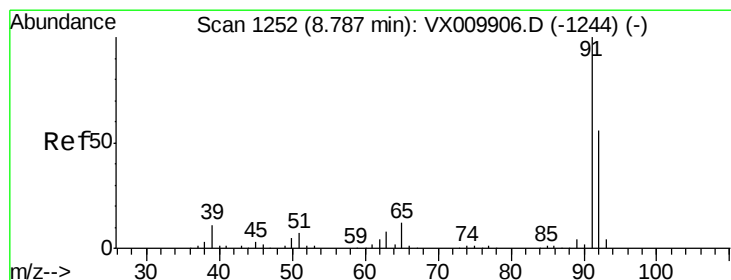
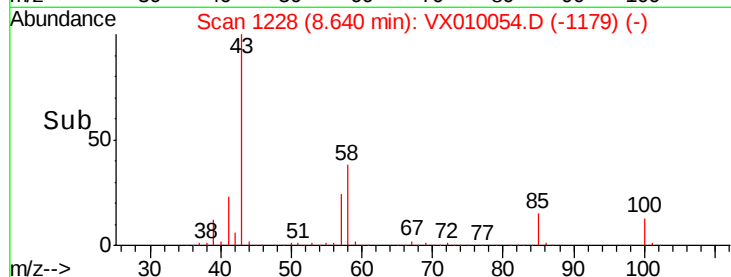
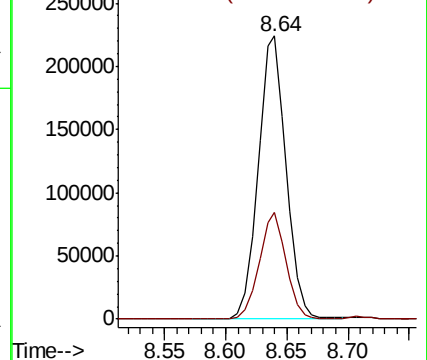
Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2



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



#52

Toluene

Concen: 19.415 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010054.D

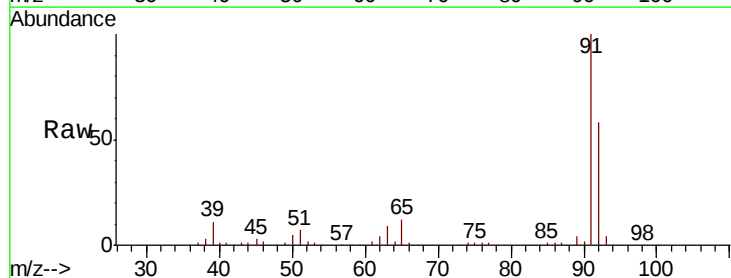
Acq: 04 Jun 2019 12:02

Tgt Ion: 92 Resp: 91889

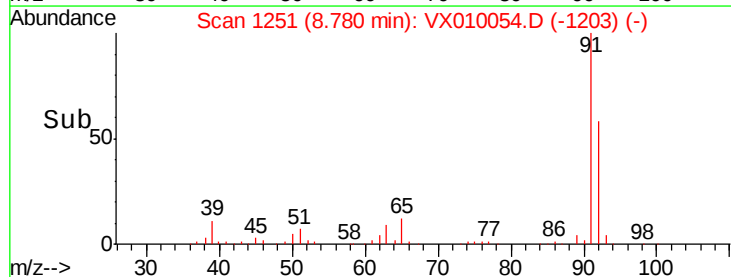
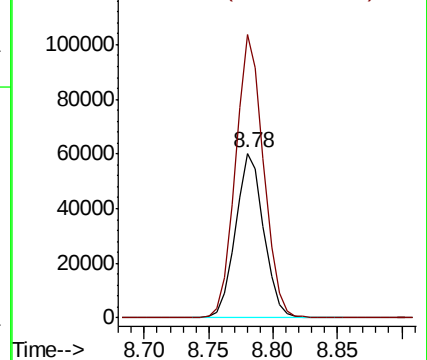
Ion Ratio Lower Upper

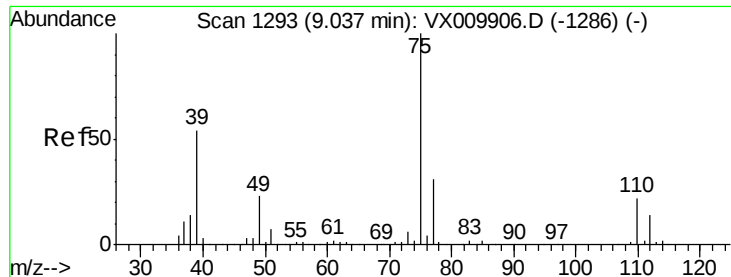
92 100

91 171.7 139.9 209.9



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

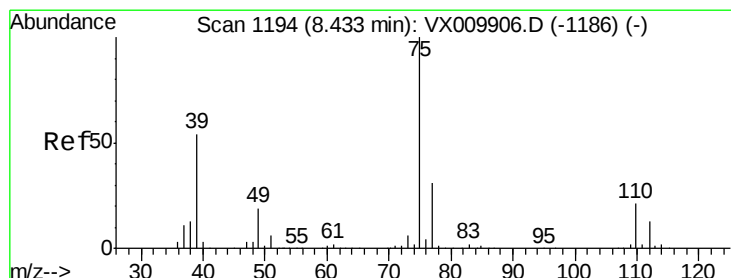
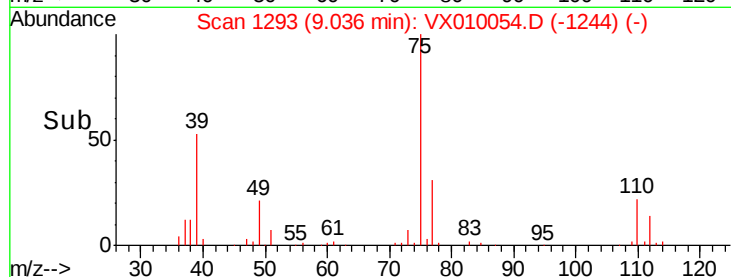
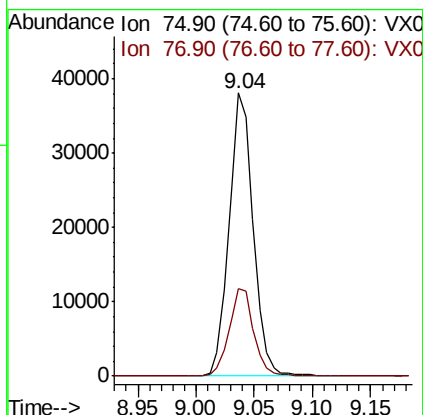
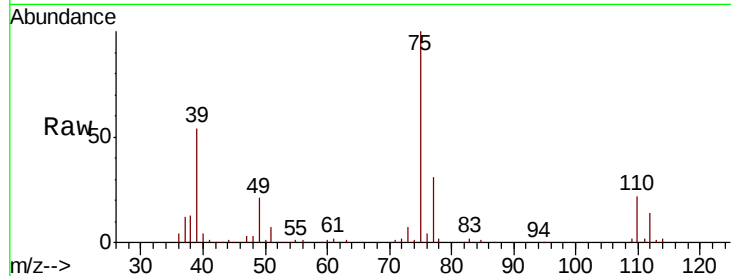




#53
 t-1,3-Dichloropropene
 Concen: 18.214 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

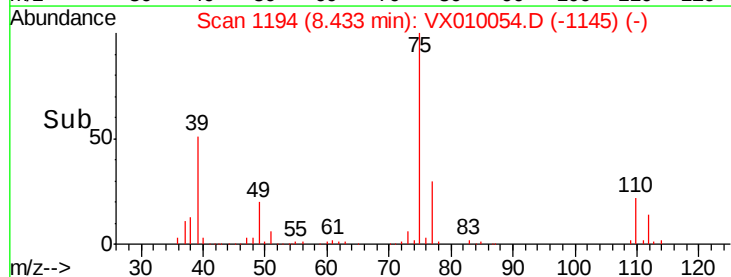
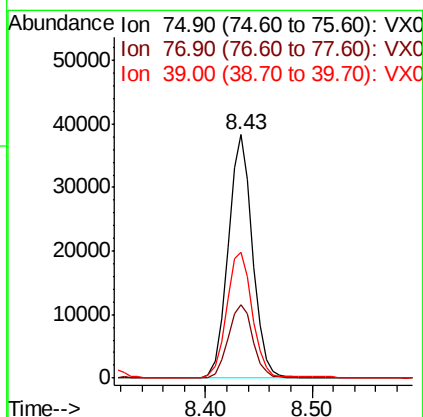
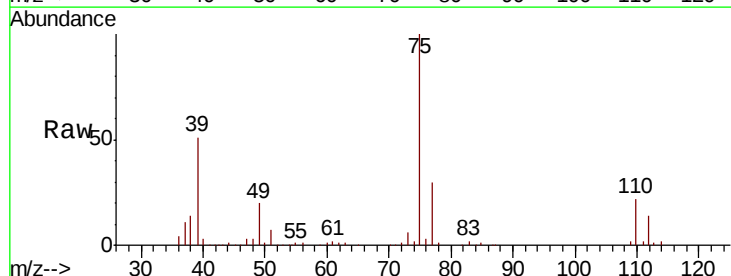
Instrument :
 MSVOA_X
 ClientSampleId :

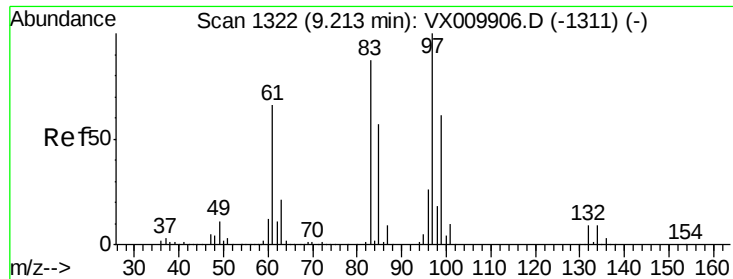
Tot Ion: 75 Resp: 54864
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.656 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 75 Resp: 61229
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 51.2 43.4 65.0



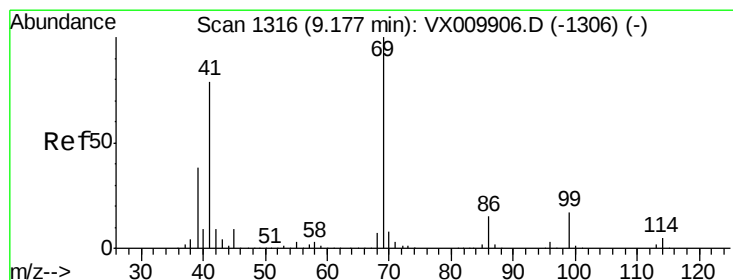
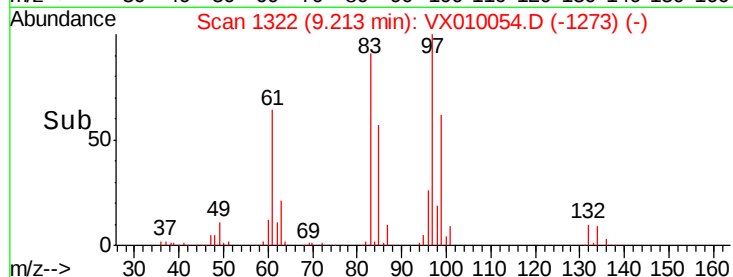
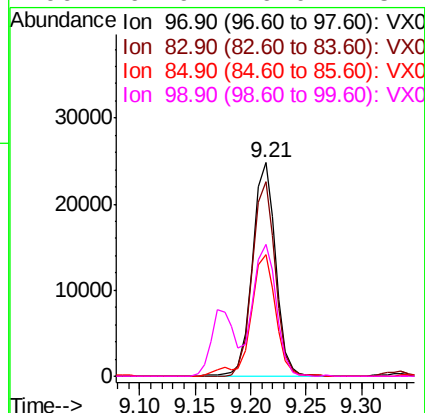
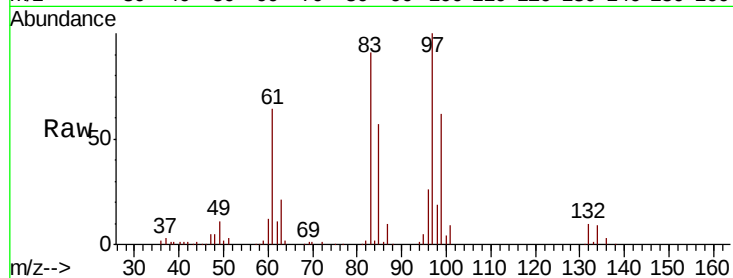


#55
 1,1,2-Trichloroethane
 Concen: 18.958 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 36113

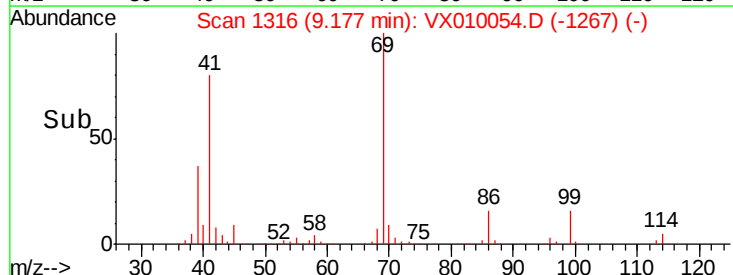
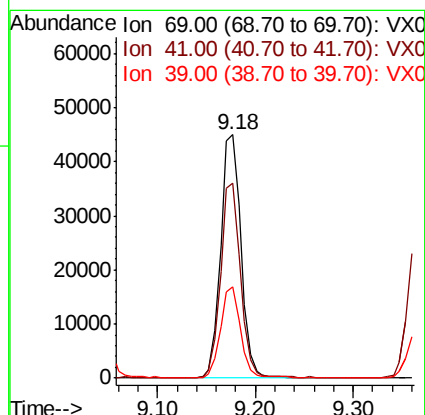
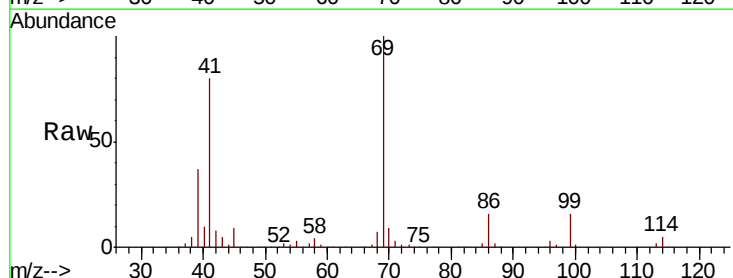
Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.8	104.8
85	57.1	45.3	67.9
99	61.9	49.0	73.4

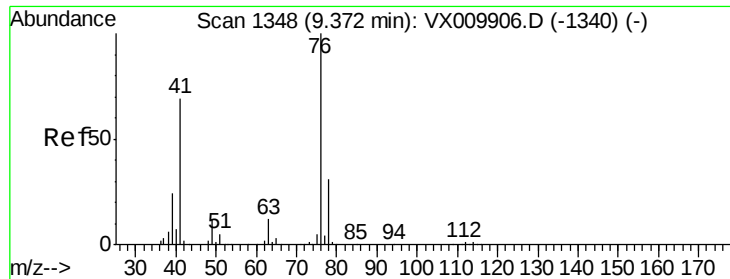


#56
 Ethyl methacrylate
 Concen: 19.171 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 69 Resp: 65013

Ion	Ratio	Lower	Upper
69	100		
41	77.4	62.7	94.1
39	36.5	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.805 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

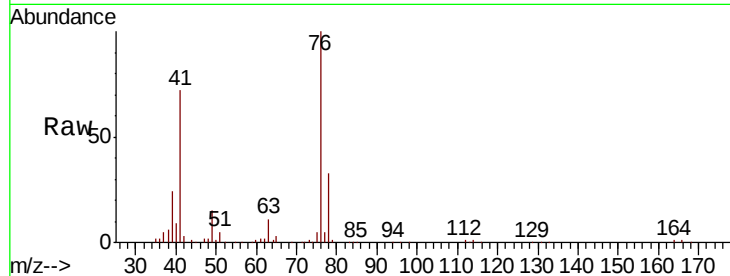
ClientSampleId :

Tot Ion: 76 Resp: 64330

Ion Ratio Lower Upper

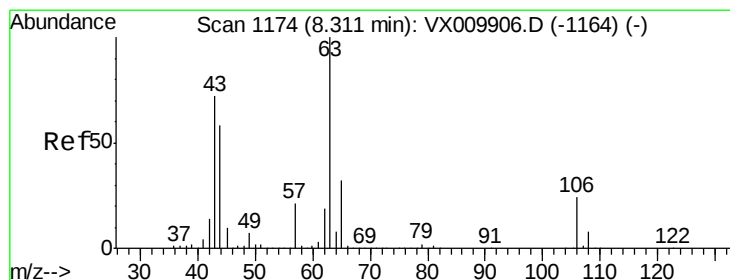
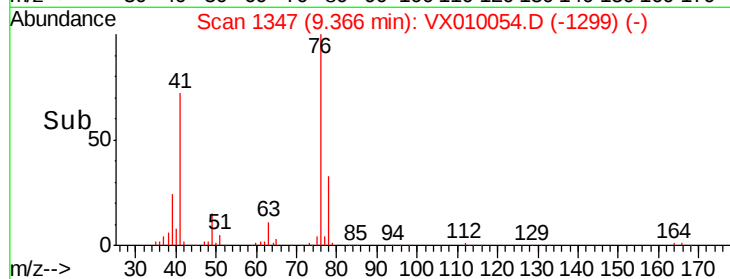
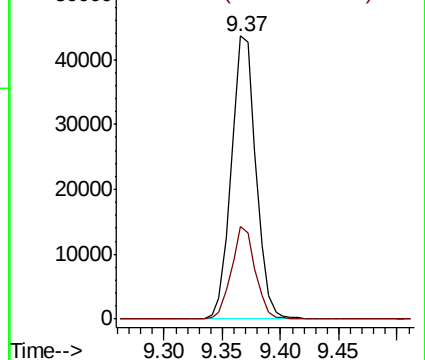
76 100

78 31.7 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.455 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010054.D

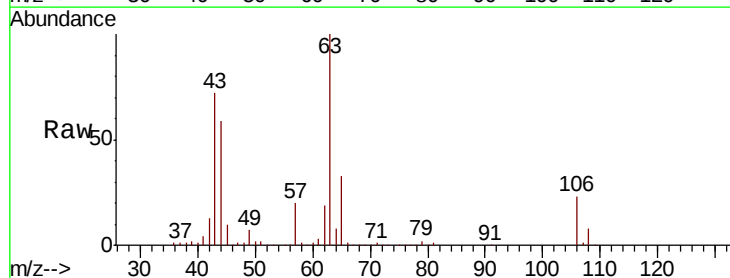
Acq: 04 Jun 2019 12:02

Tgt Ion: 63 Resp: 171526

Ion Ratio Lower Upper

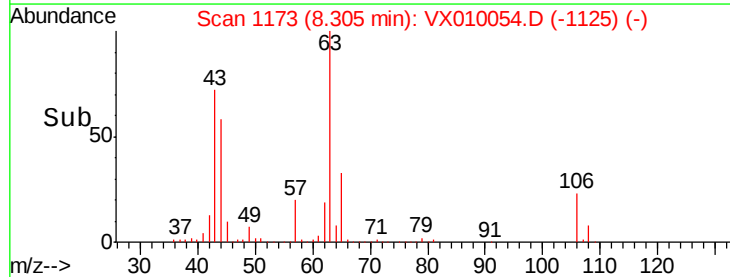
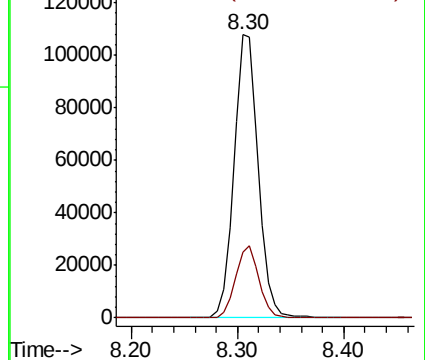
63 100

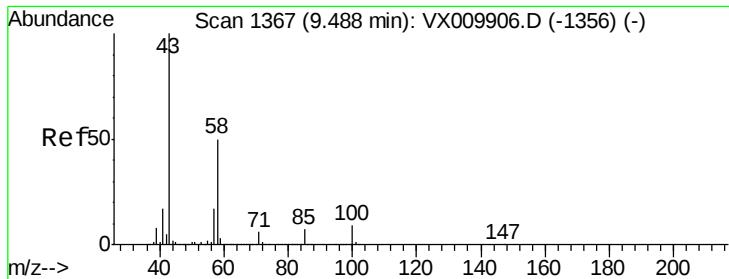
106 24.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

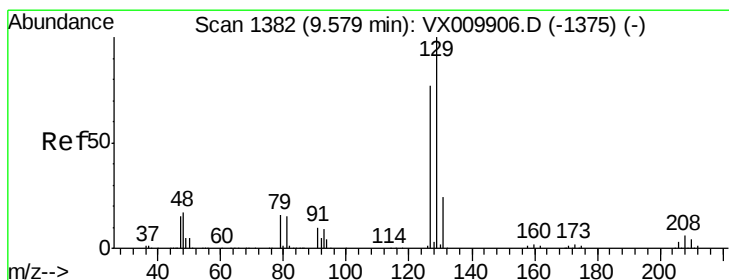
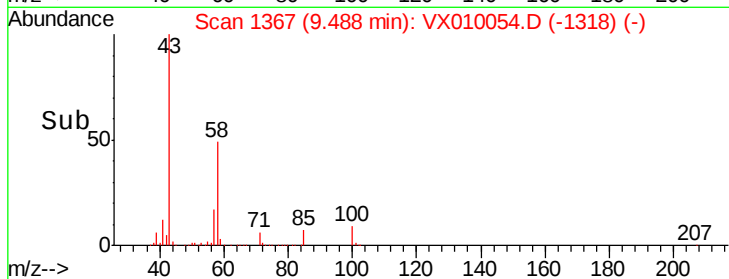
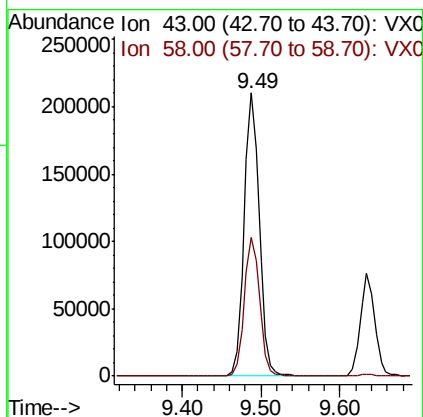
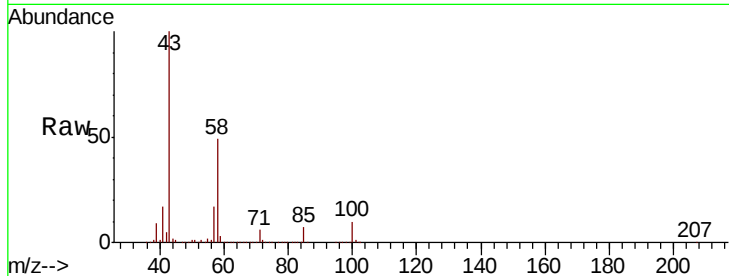




#59
2-Hexanone
Concen: 95.039 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

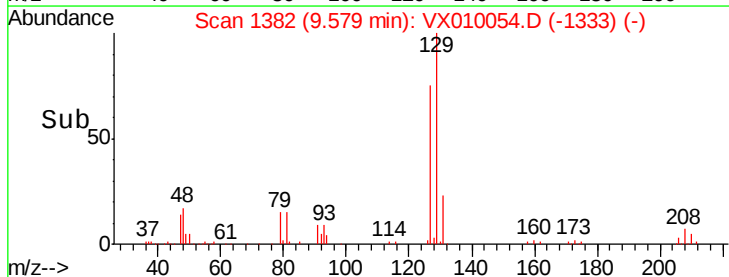
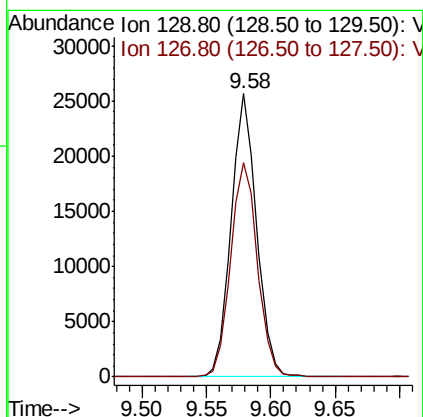
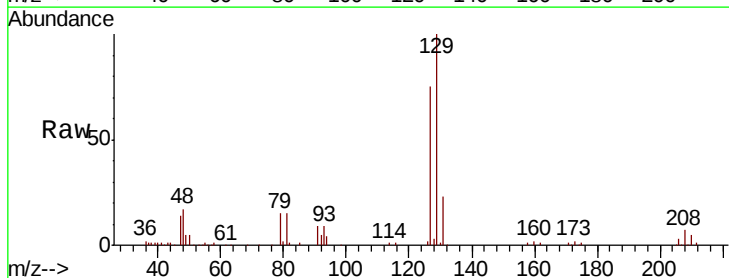
Instrument :
MSVOA_X
ClientSampleId :

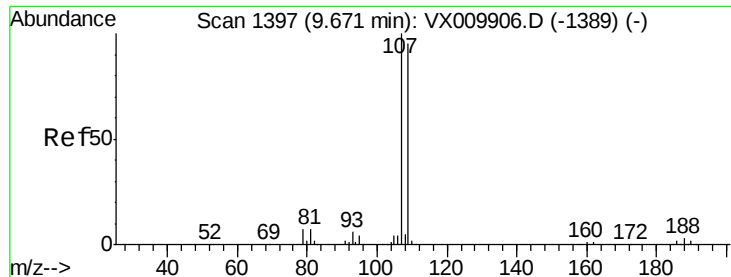
Tot Ion: 43 Resp: 281201
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3



#60
Dibromochloromethane
Concen: 18.992 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:129 Resp: 35587
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.031 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

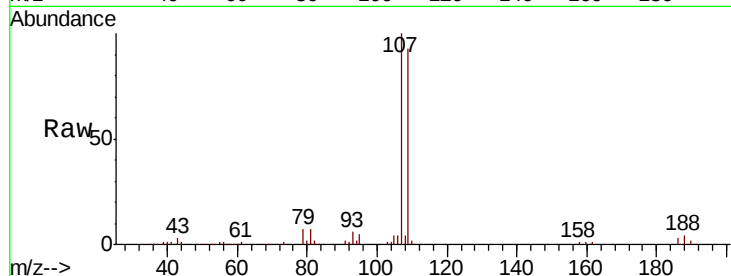
ClientSampled :

Tot Ion:107 Resp: 37243

Ion Ratio Lower Upper

107 100

109 93.1 75.4 113.2

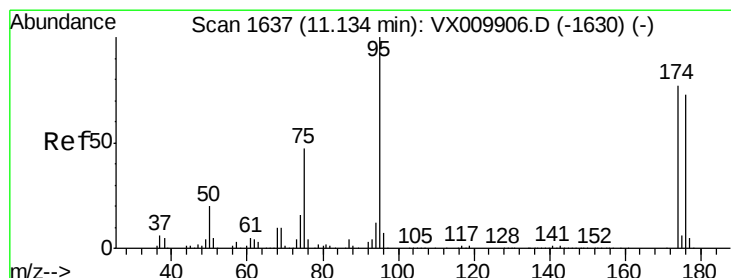
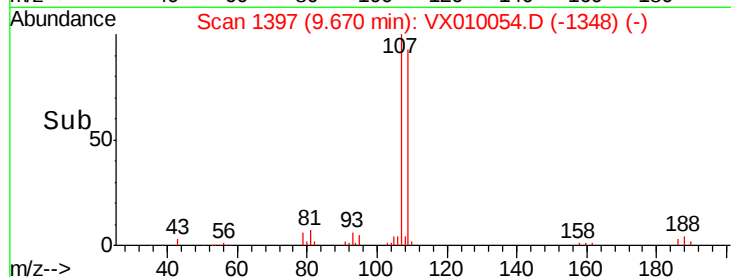


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 50.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

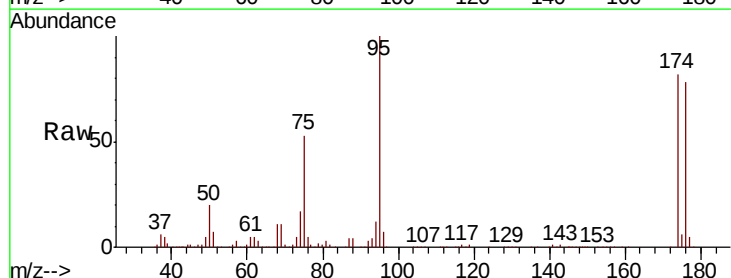
Tgt Ion: 95 Resp: 119054

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

176 80.9 0.0 154.6



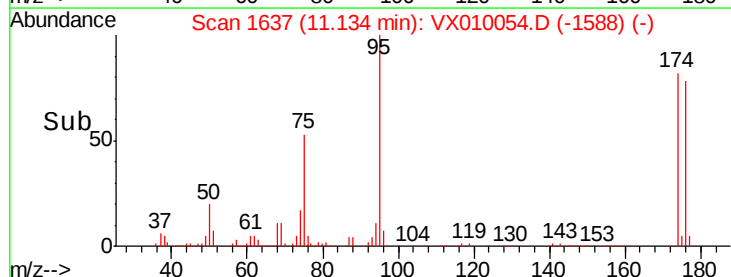
Abundance Ion 94.90 (94.60 to 95.60): VX0

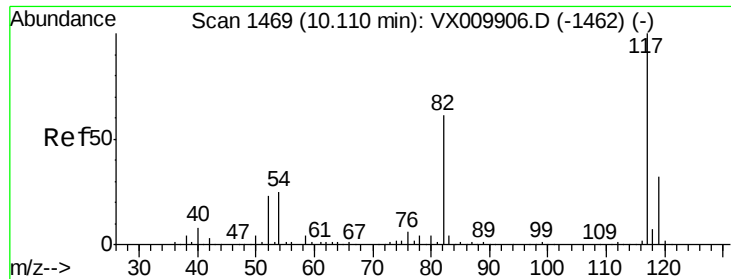
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->

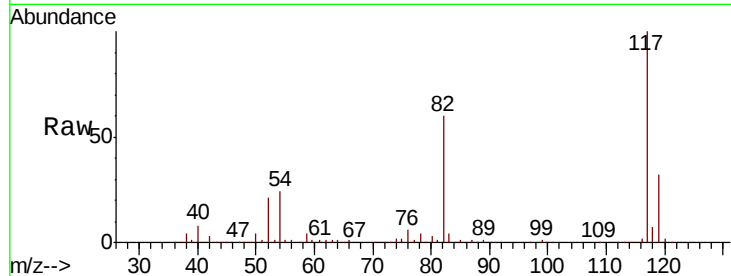




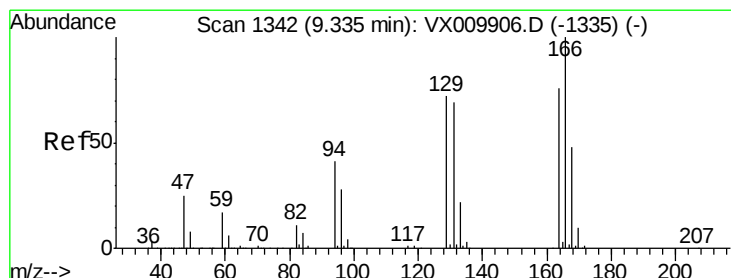
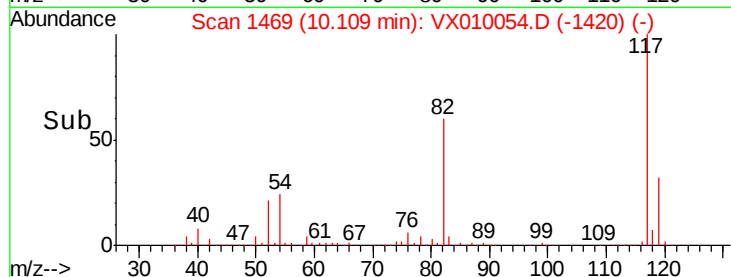
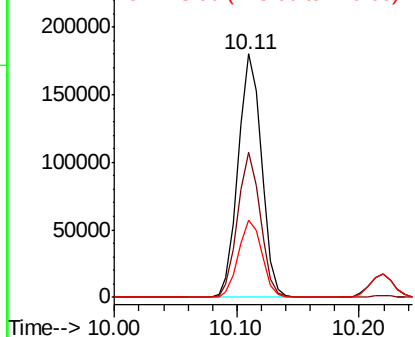
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 236954
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.5 25.2 37.8

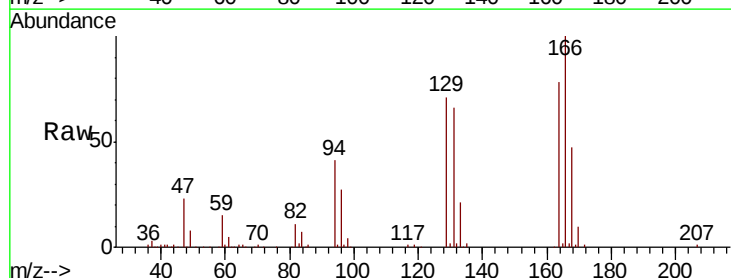


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

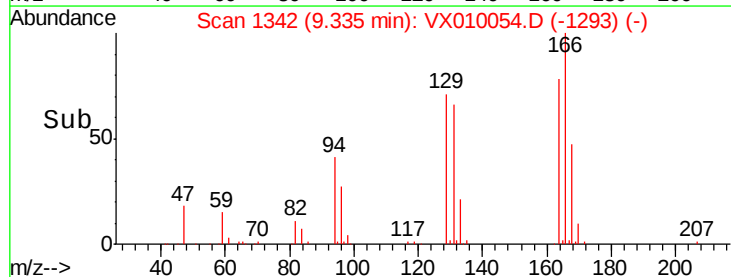
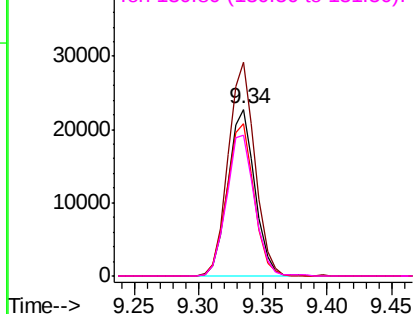


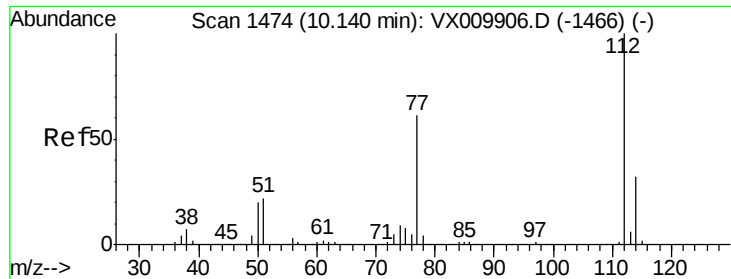
#64
Tetrachloroethene
Concen: 20.180 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:164 Resp: 33401
Ion Ratio Lower Upper
164 100
166 128.1 105.0 157.4
129 91.1 75.1 112.7
131 84.4 72.2 108.4



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

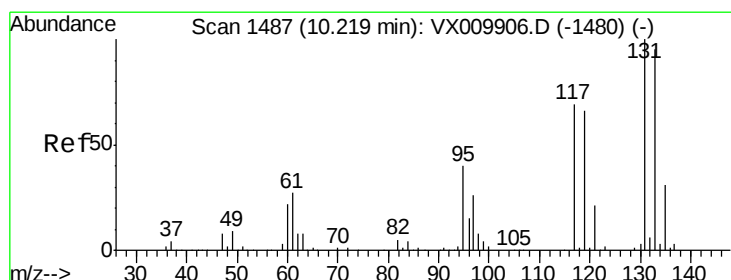
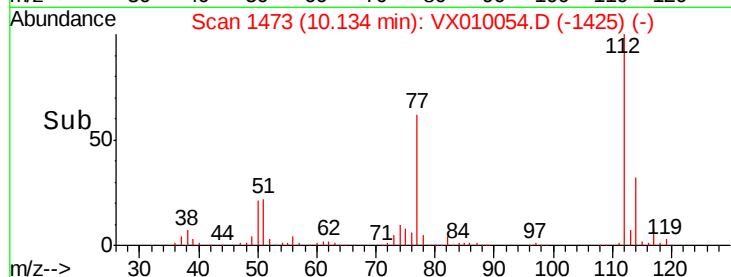
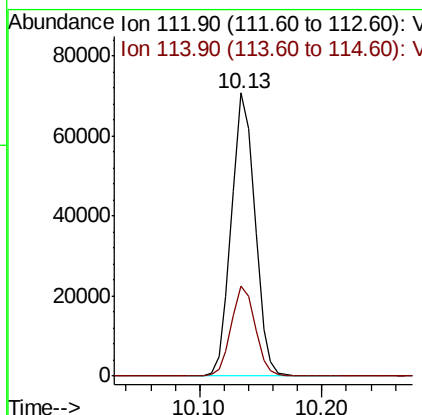
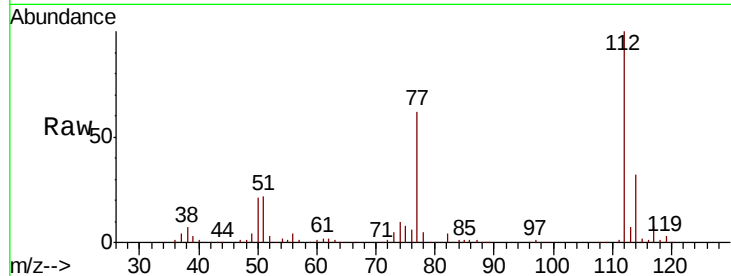




#65
Chlorobenzene
Concen: 18.987 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

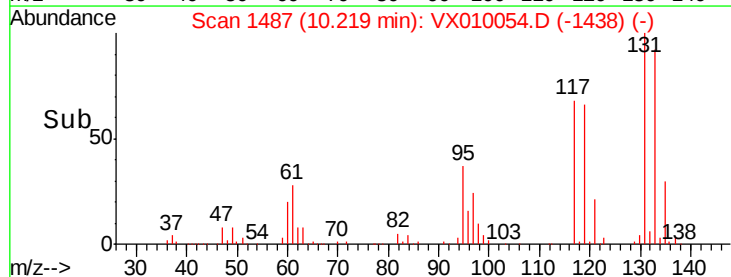
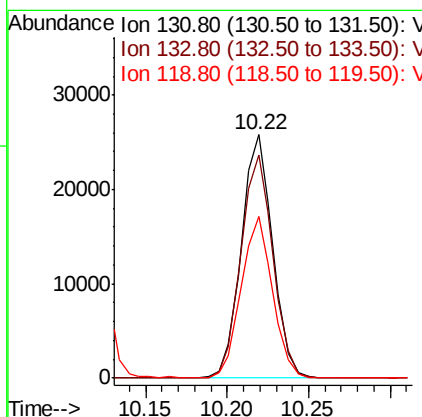
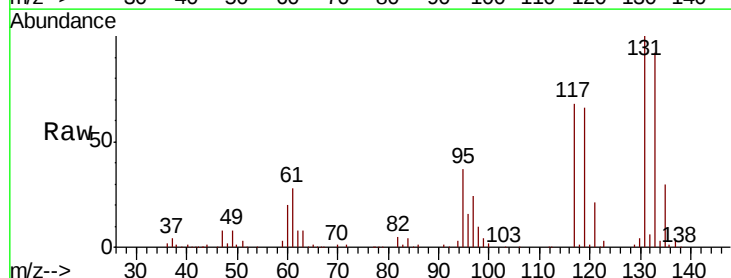
Instrument :
MSVOA_X
ClientSampled :

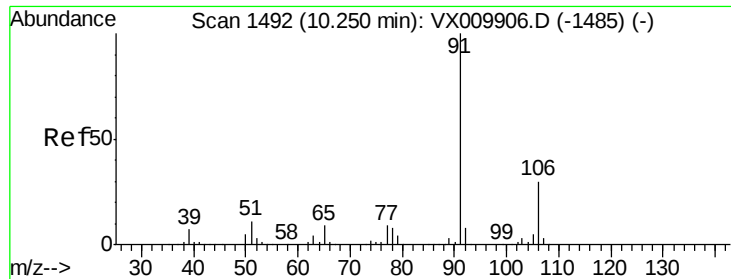
Tot Ion:112 Resp: 94190
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.998 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:131 Resp: 34408
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 66.6 33.4 100.1

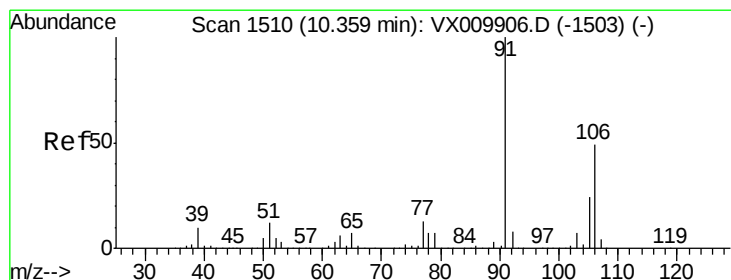
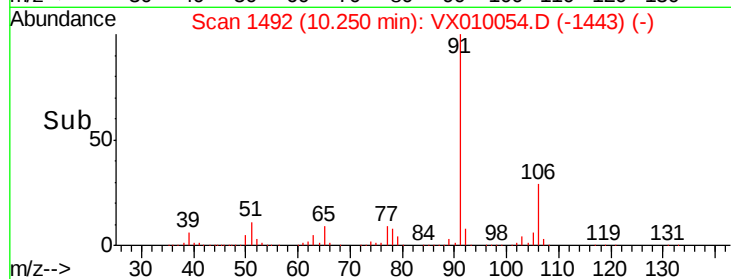
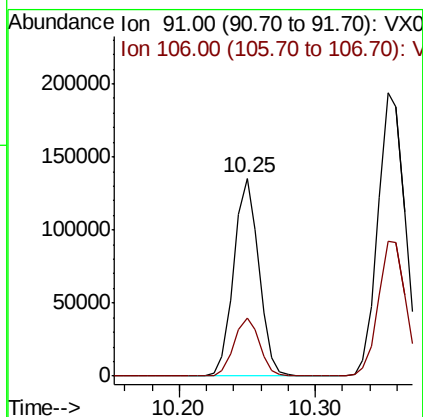
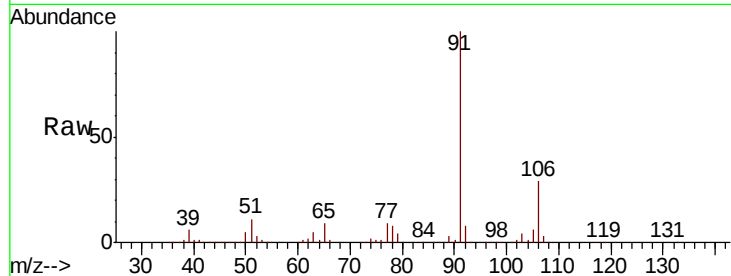




#67
Ethyl Benzene
Concen: 19.574 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

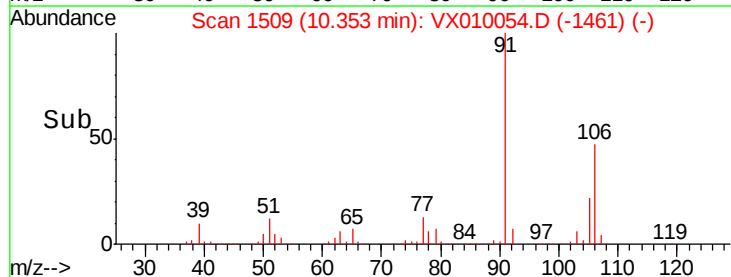
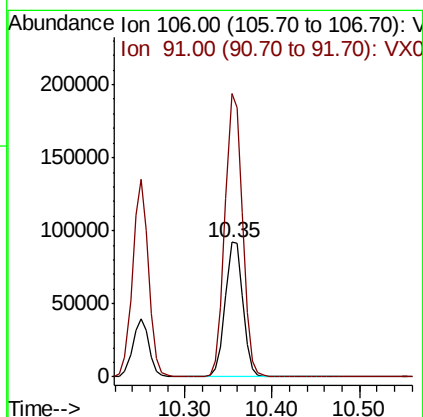
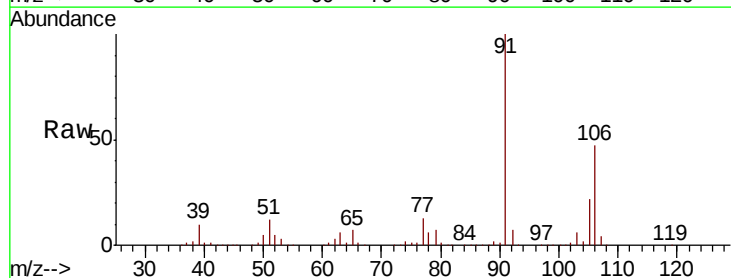
Instrument :
MSVOA_X
ClientSampled :

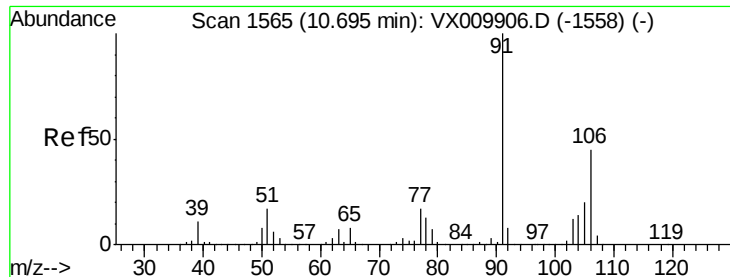
Tot Ion: 91 Resp: 174342
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9



#68
m/p-Xylenes
Concen: 39.212 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:106 Resp: 129027
Ion Ratio Lower Upper
106 100
91 207.7 167.3 250.9

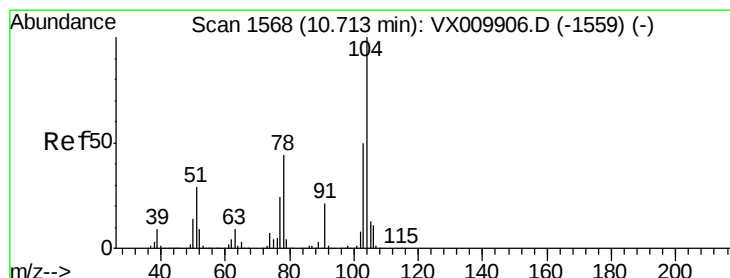
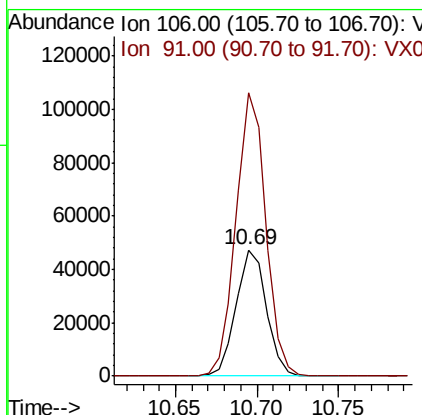
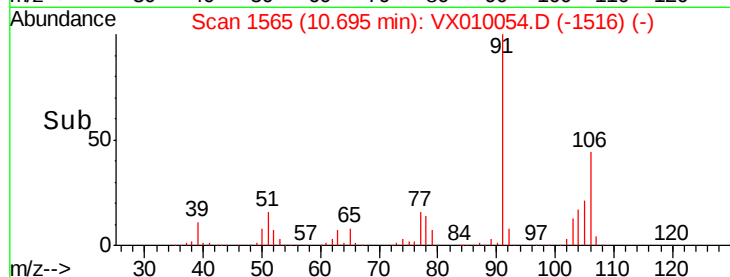
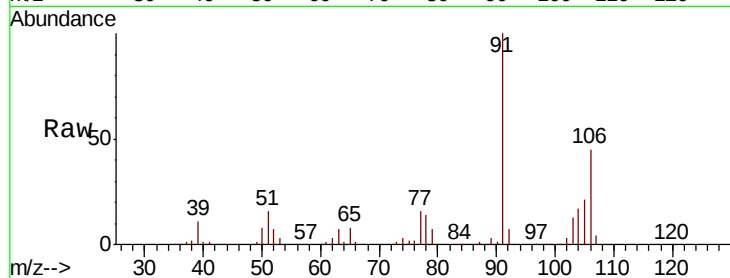




#69
o-Xylene
Concen: 19.405 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

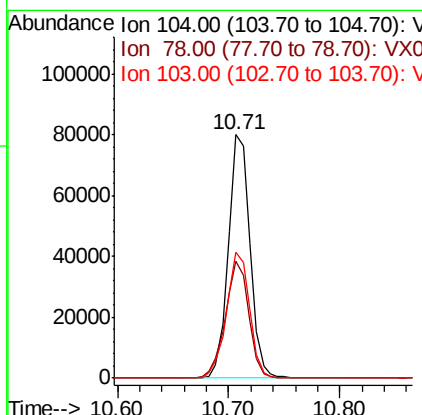
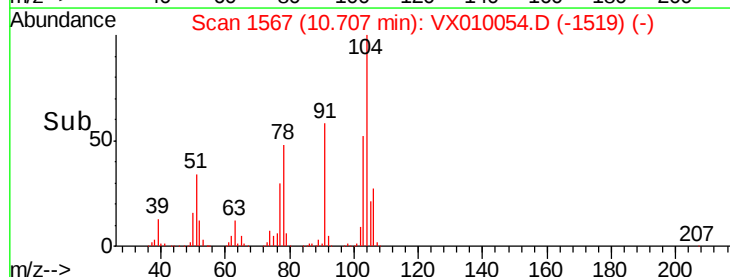
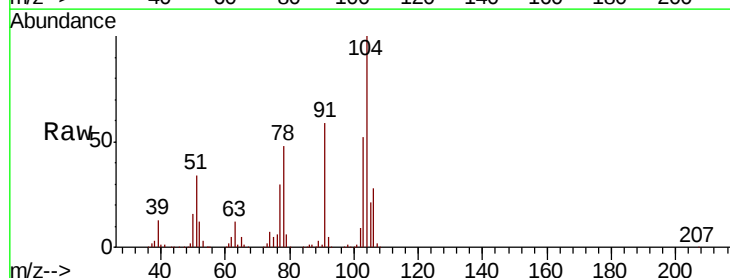
Instrument :
MSVOA_X
ClientSampled :

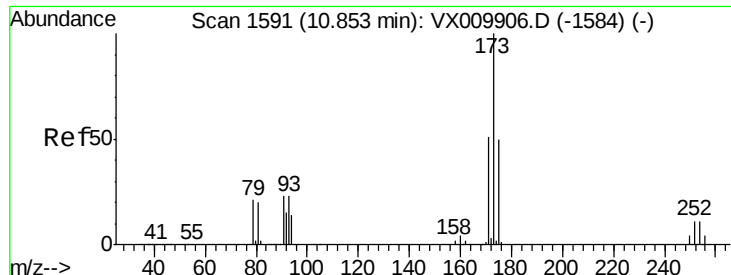
Tot Ion:106 Resp: 61237
Ion Ratio Lower Upper
106 100
91 221.7 110.4 331.2



#70
Styrene
Concen: 19.472 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:104 Resp: 107754
Ion Ratio Lower Upper
104 100
78 51.9 42.1 63.1
103 55.2 44.1 66.1





#71

Bromoform

Concen: 19.390 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

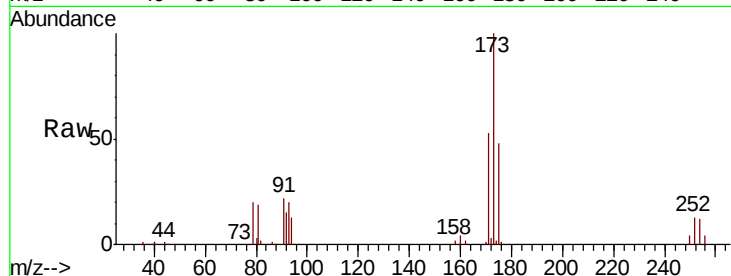
Tot Ion:173 Resp: 27270

Ion Ratio Lower Upper

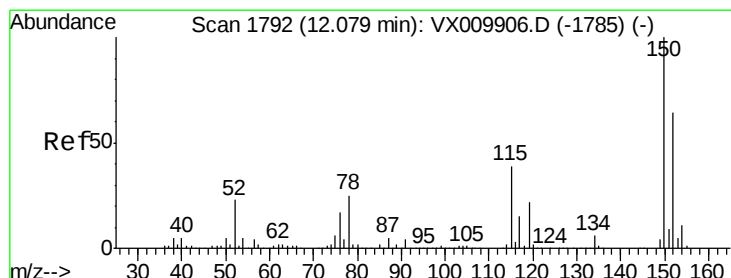
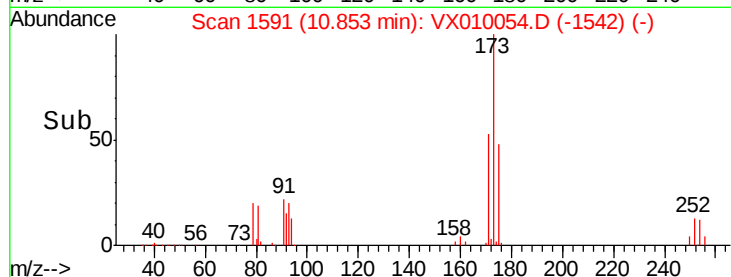
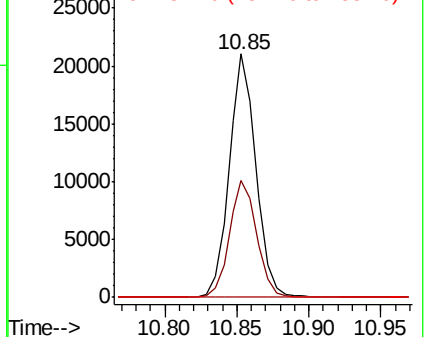
173 100

175 48.9 25.0 75.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

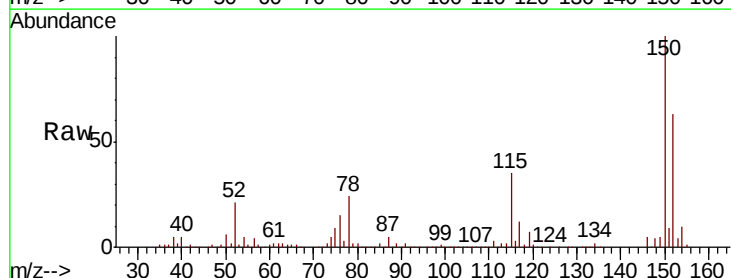
Tgt Ion:152 Resp: 117865

Ion Ratio Lower Upper

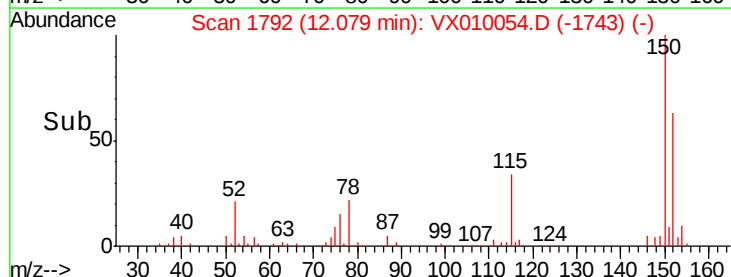
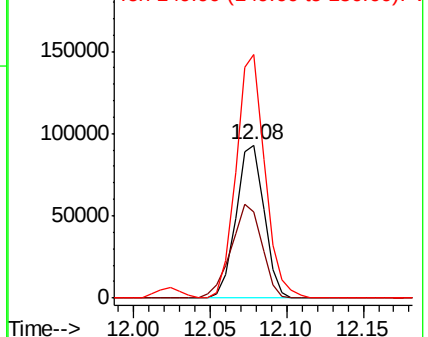
152 100

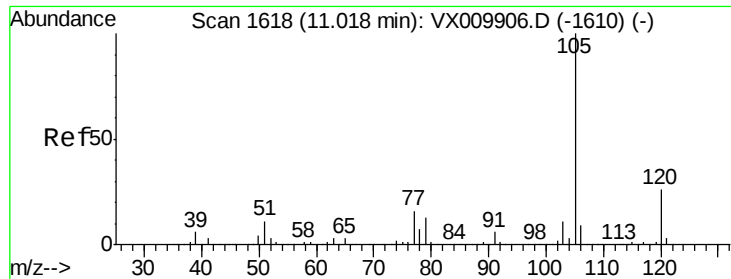
115 67.5 41.4 124.2

150 163.4 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: 19.382 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

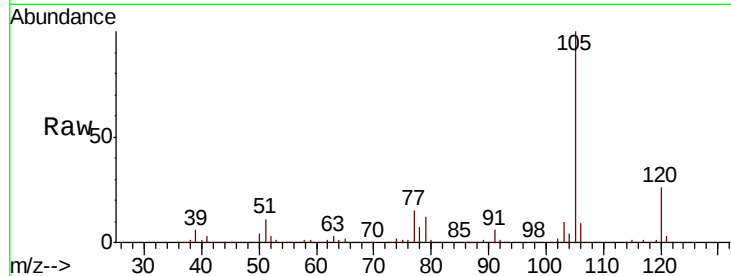
ClientSampled :

Tot Ion:105 Resp: 168554

Ion Ratio Lower Upper

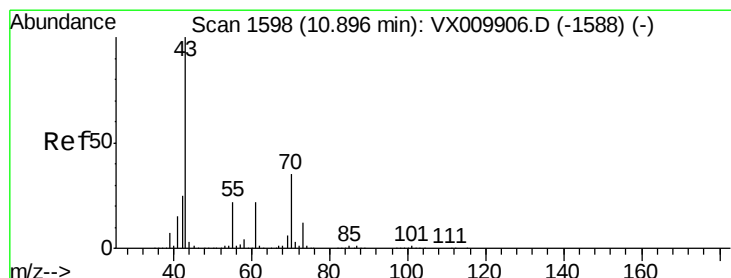
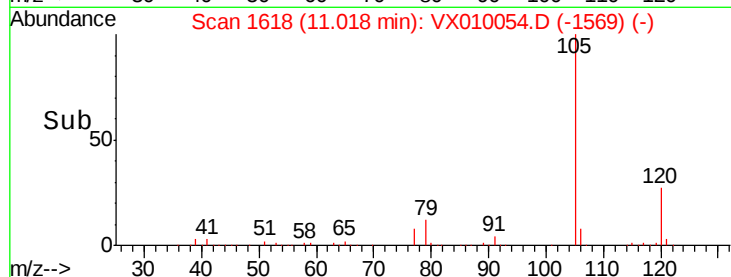
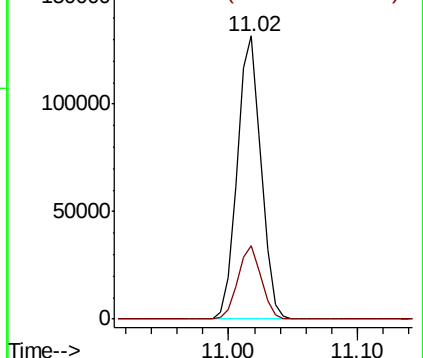
105 100

120 25.6 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: 18.018 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion: 43 Resp: 93632

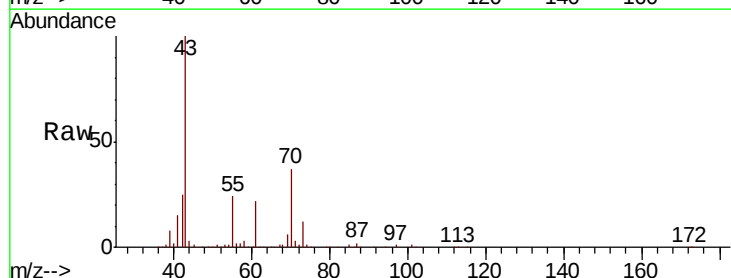
Ion Ratio Lower Upper

43 100

70 36.8 28.6 43.0

55 23.5 17.8 26.8

61 21.7 17.7 26.5

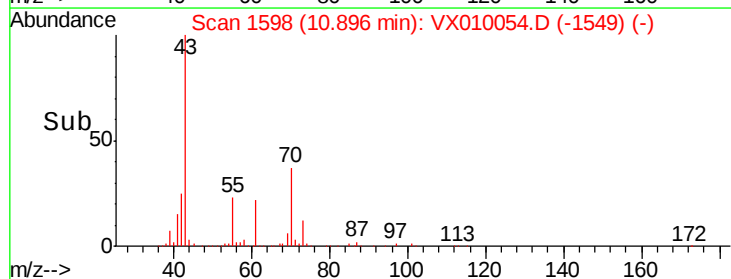
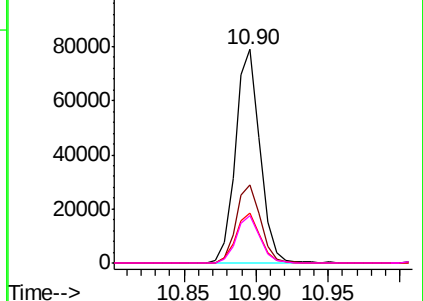


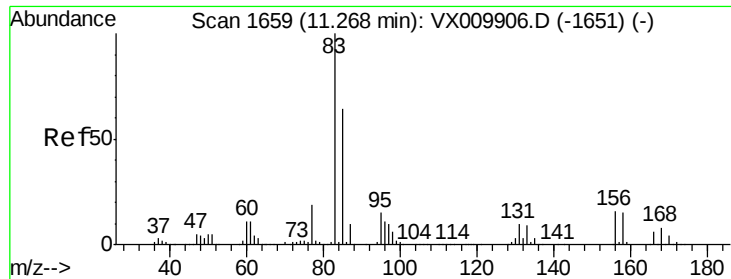
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.473 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

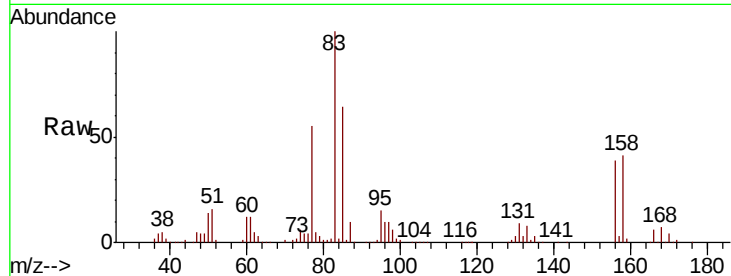
Tot Ion: 83 Resp: 59932

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

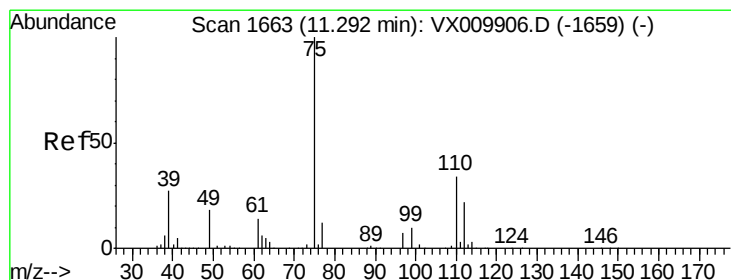
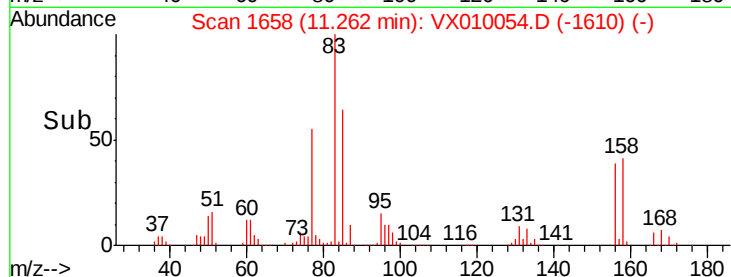
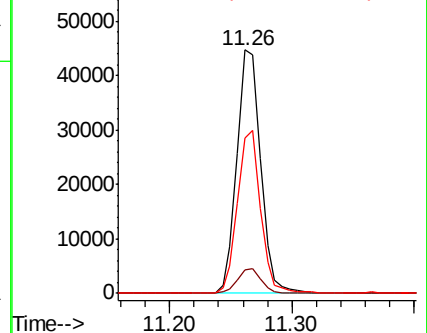
85 65.1 31.9 95.9



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: 24.576 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010054.D

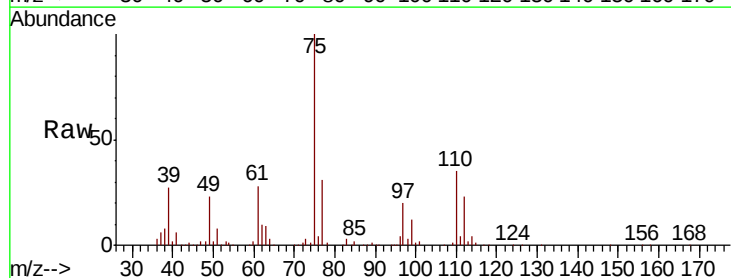
Acq: 04 Jun 2019 12:02

Tgt Ion: 75 Resp: 69267

Ion Ratio Lower Upper

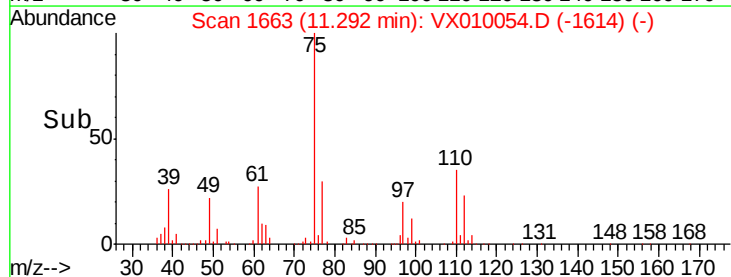
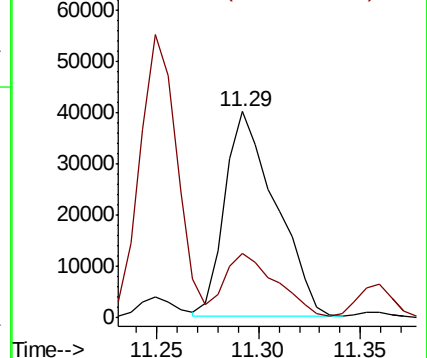
75 100

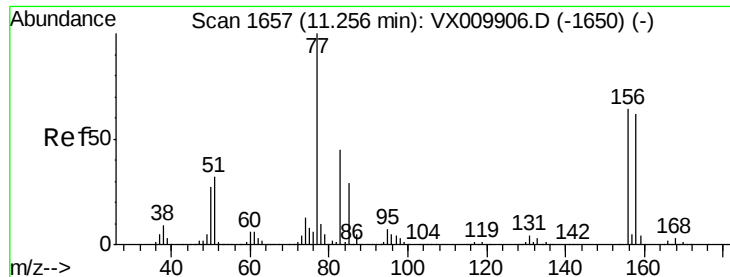
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.703 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

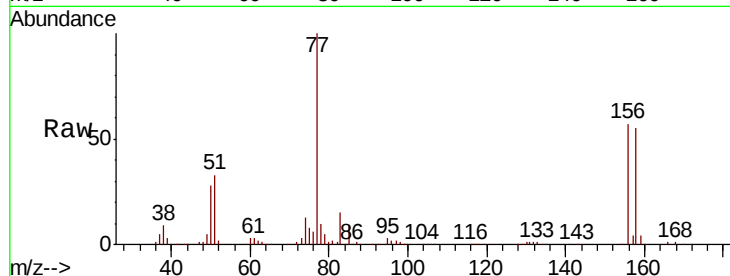
Tot Ion:156 Resp: 41451

Ion Ratio Lower Upper

156 100

77 169.6 86.8 260.3

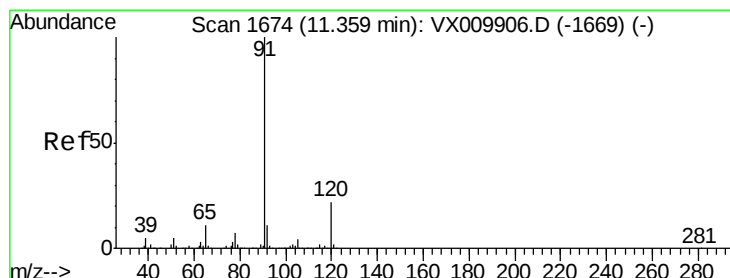
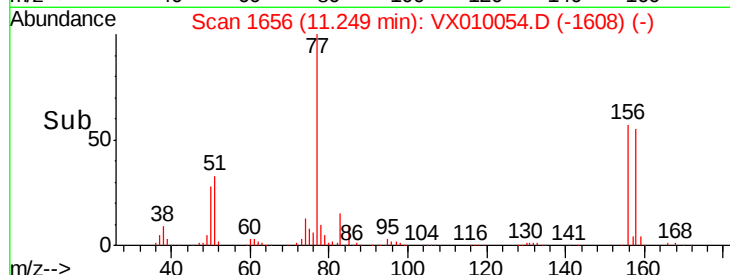
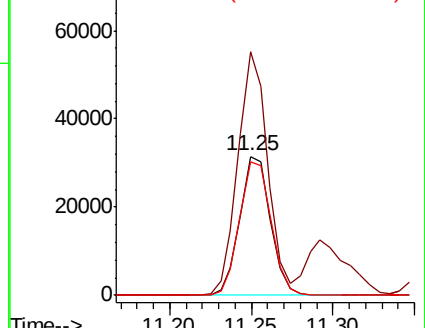
158 99.1 49.6 148.8



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: 19.276 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010054.D

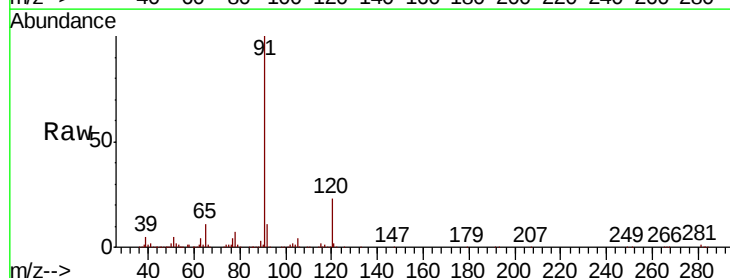
Acq: 04 Jun 2019 12:02

Tgt Ion: 91 Resp: 193222

Ion Ratio Lower Upper

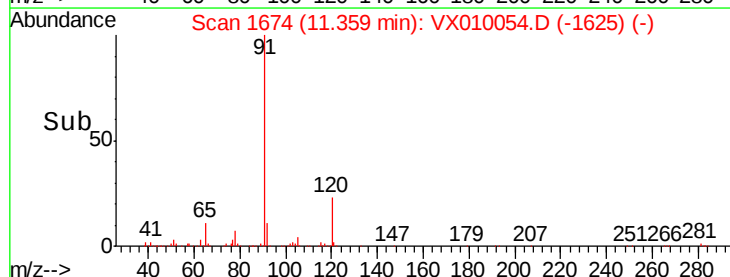
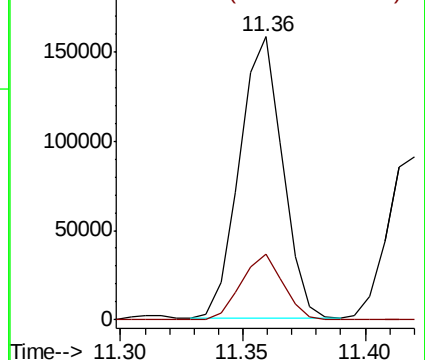
91 100

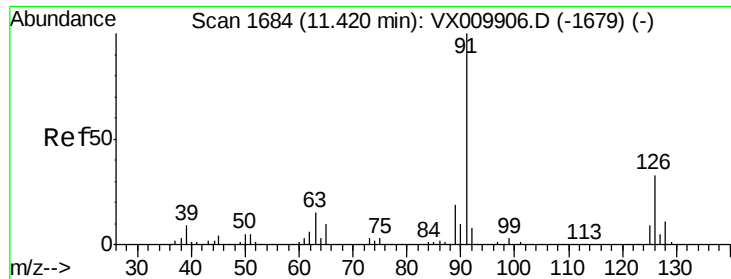
120 22.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

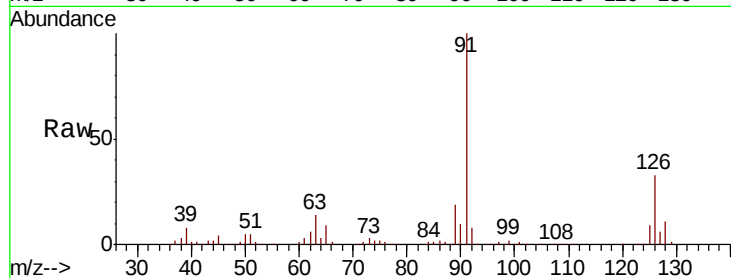




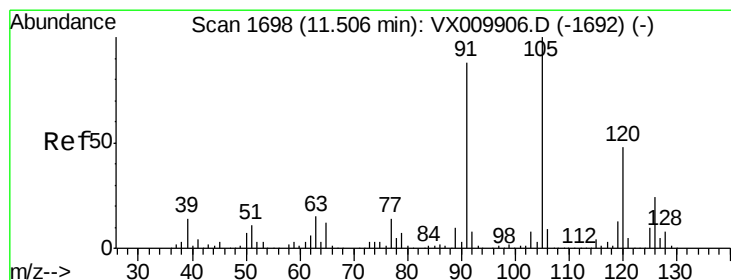
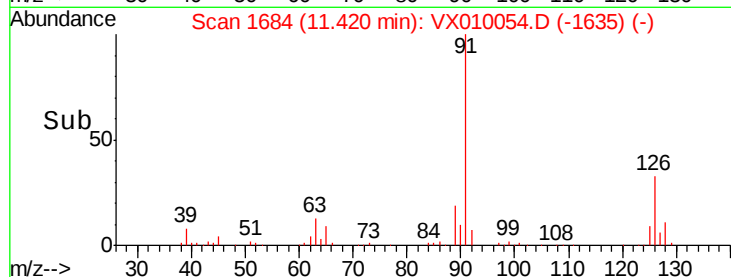
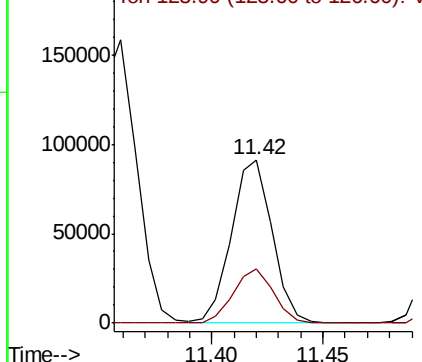
#79
 2-Chlorotoluene
 Concen: 18.867 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 115547
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.1 48.3

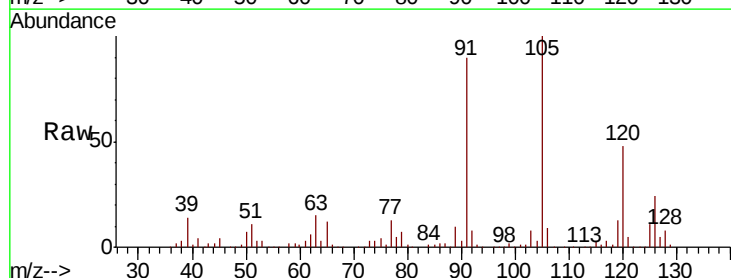


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

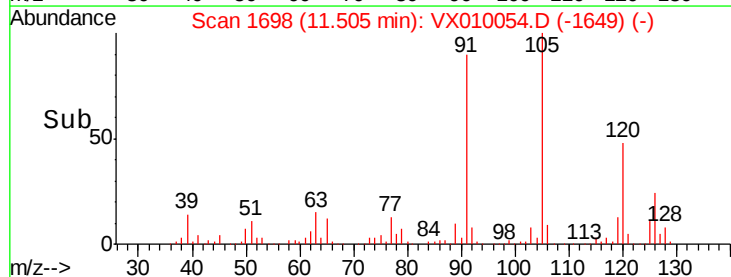
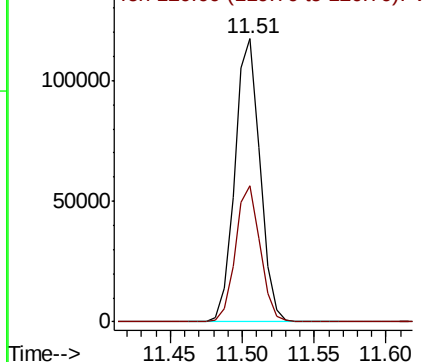


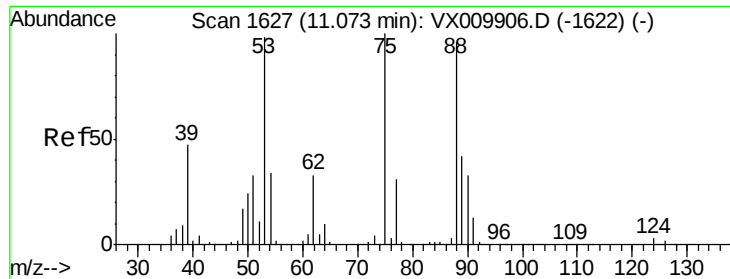
#80
 1,3,5-Trimethylbenzene
 Concen: 19.605 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 105 Resp: 143631
 Ion Ratio Lower Upper
 105 100
 120 47.4 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: 17.323 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

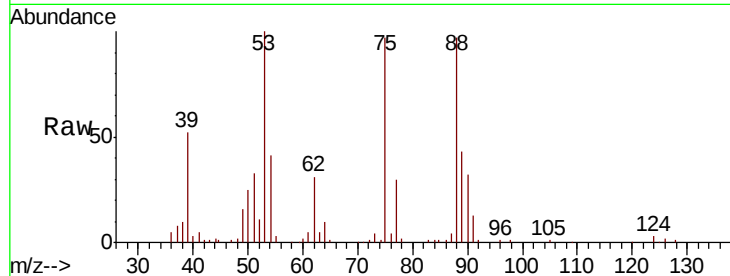
Tot Ion: 75 Resp: 19734

Ion Ratio Lower Upper

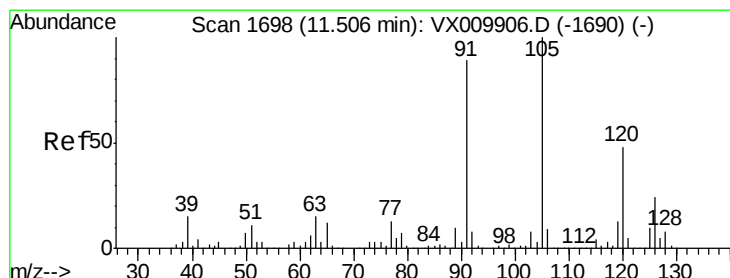
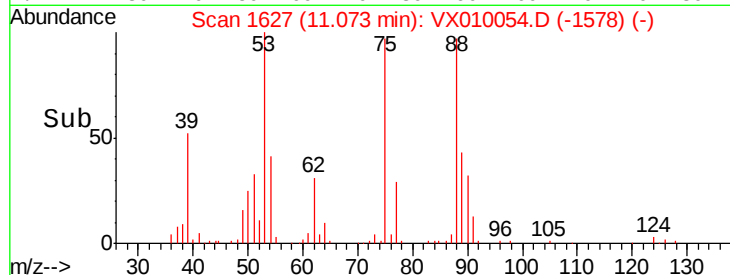
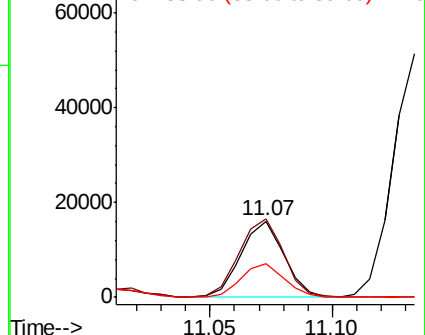
75 100

53 106.4 79.8 119.6

89 45.0 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: 18.677 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010054.D

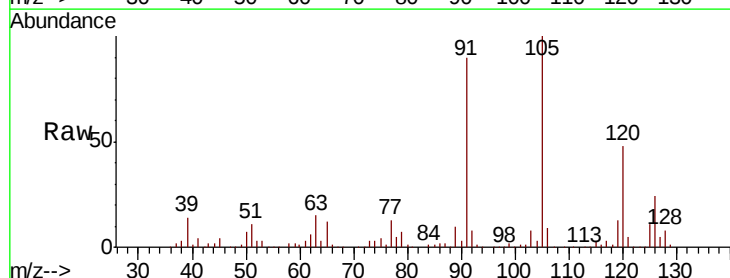
Acq: 04 Jun 2019 12:02

Tgt Ion: 91 Resp: 133159

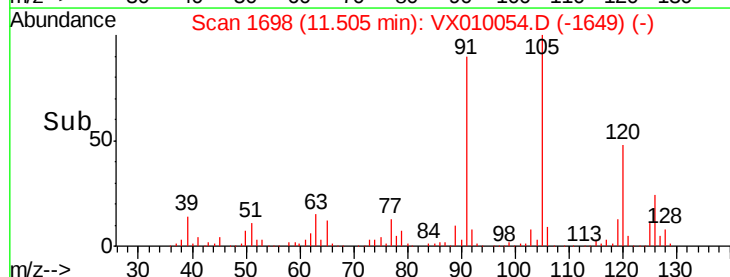
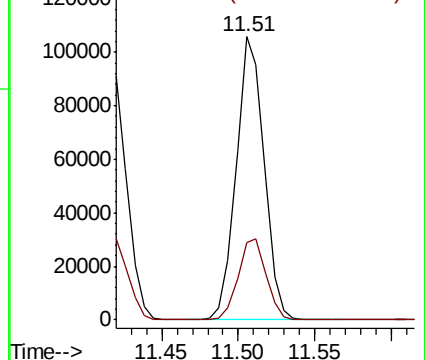
Ion Ratio Lower Upper

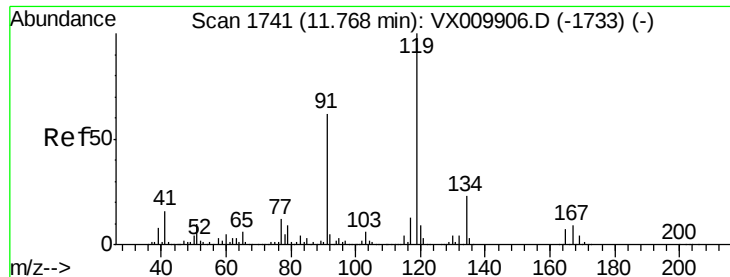
91 100

126 29.0 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: 19.594 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

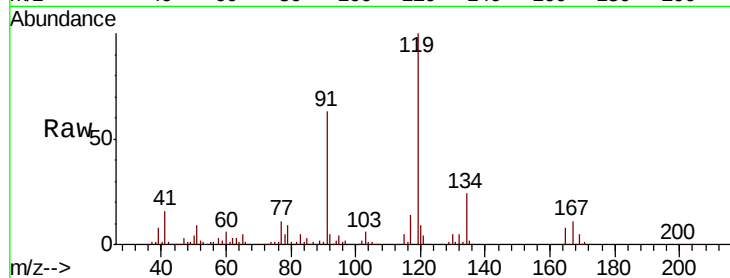
Tot Ion:119 Resp: 137335

Ion Ratio Lower Upper

119 100

91 59.8 30.0 90.0

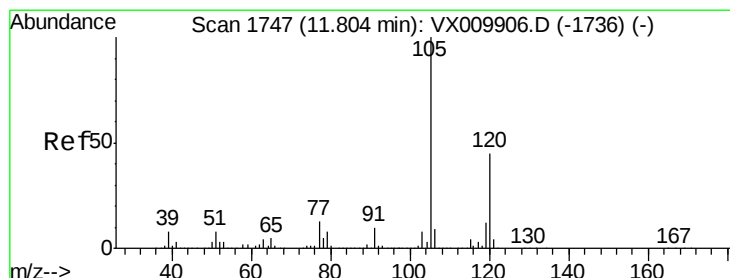
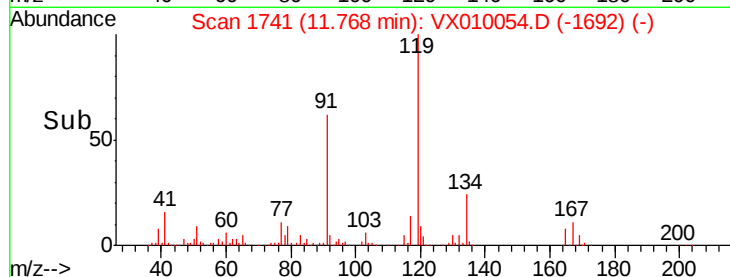
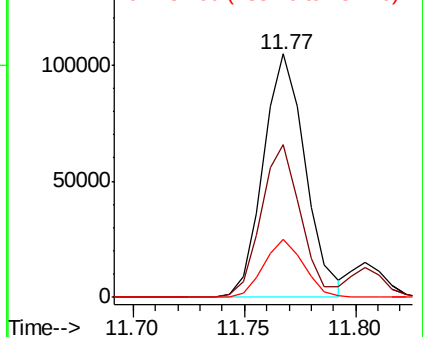
134 22.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.348 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010054.D

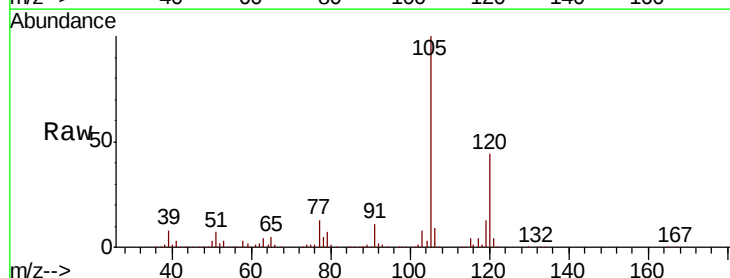
Acq: 04 Jun 2019 12:02

Tgt Ion:105 Resp: 143957

Ion Ratio Lower Upper

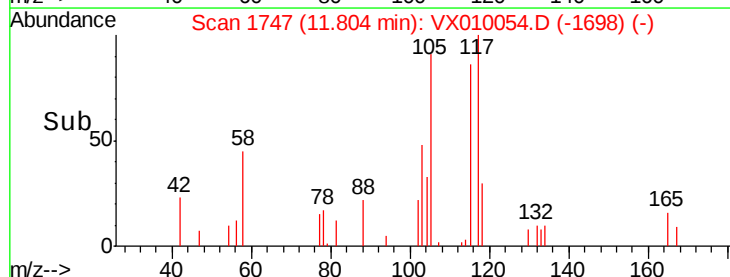
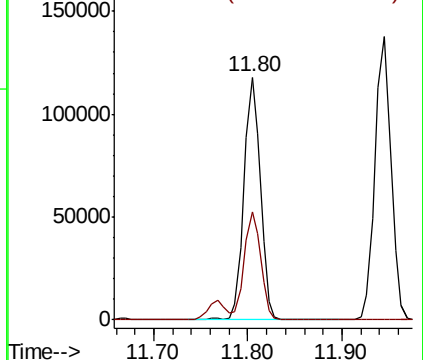
105 100

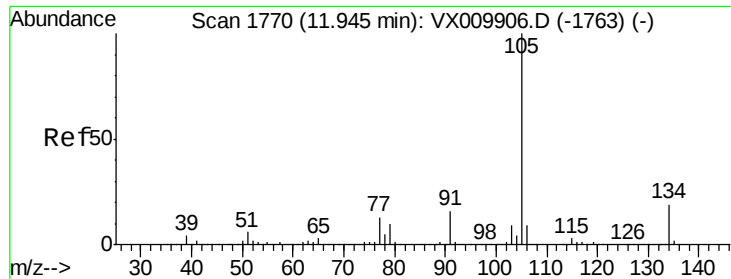
120 44.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.703 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

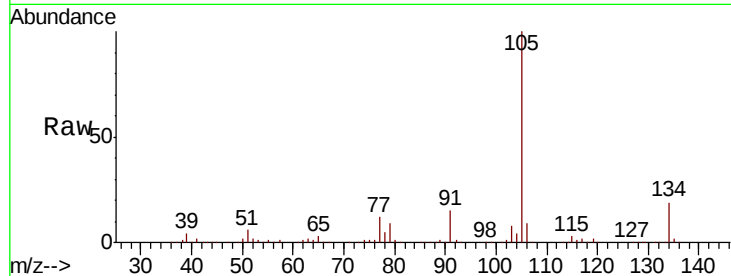
ClientSampleId :

Tot Ion:105 Resp: 164292

Ion Ratio Lower Upper

105 100

134 19.3 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

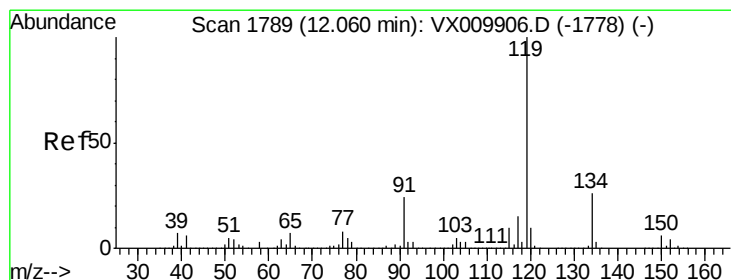
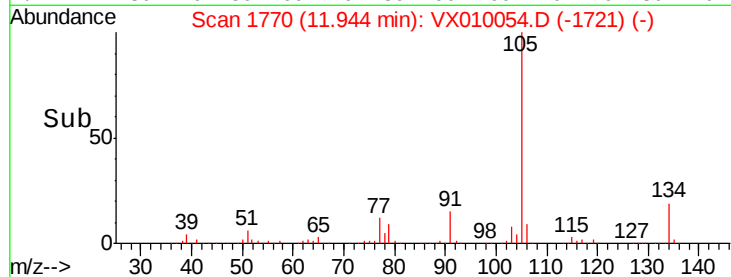
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.321 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

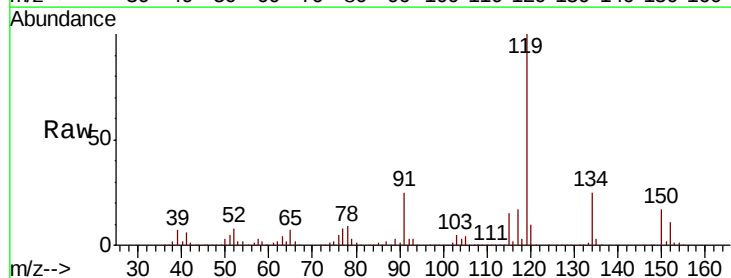
Tgt Ion:119 Resp: 152414

Ion Ratio Lower Upper

119 100

134 25.4 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

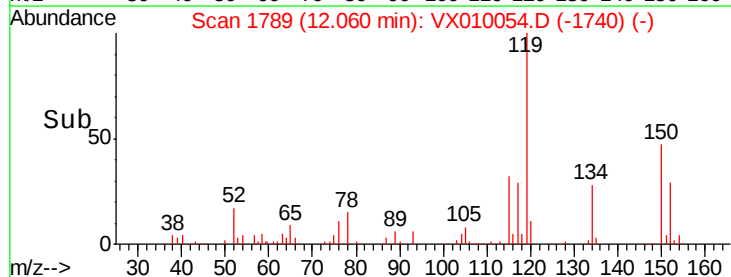
150000

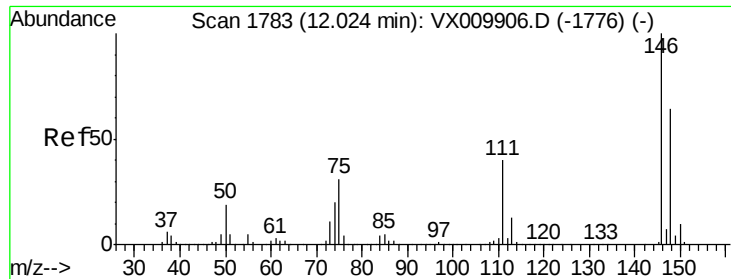
100000

50000

0

Time-->

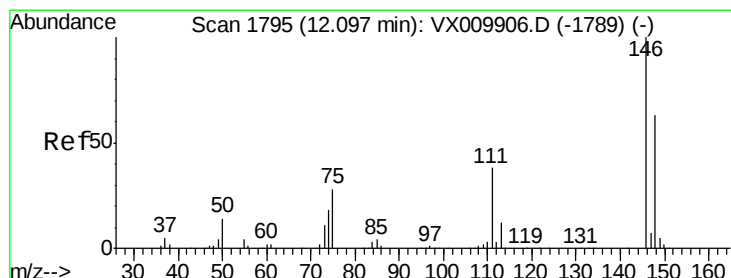
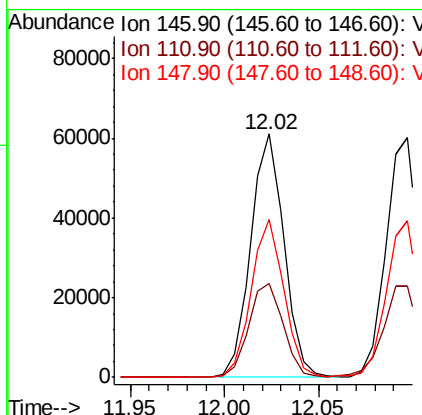
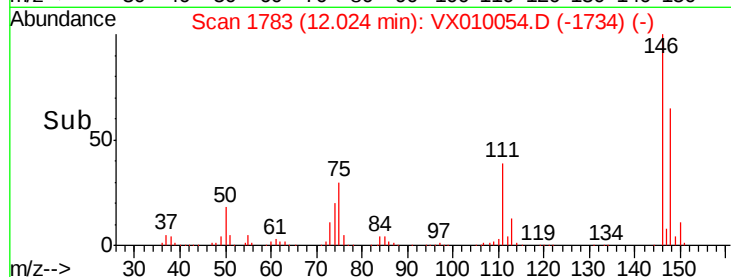
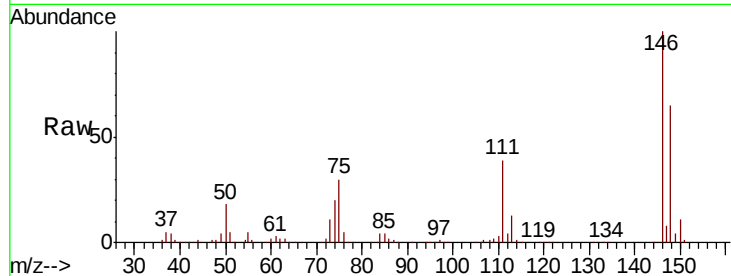




#87
 1,3-Dichlorobenzene
 Concen: 19.000 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

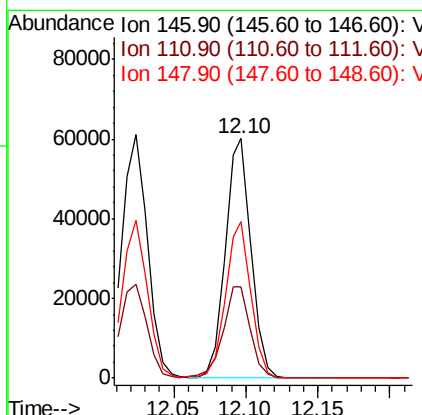
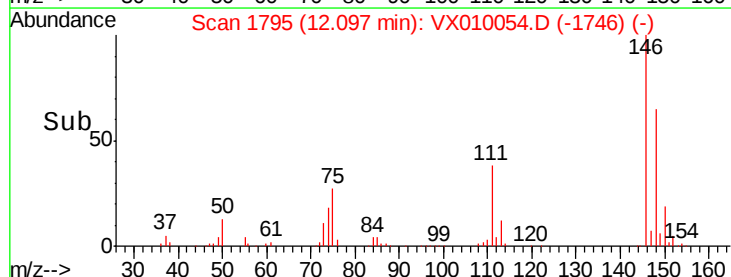
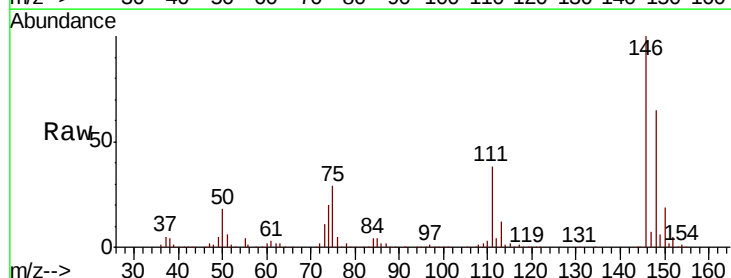
Instrument :
 MSVOA_X
 ClientSampleId :

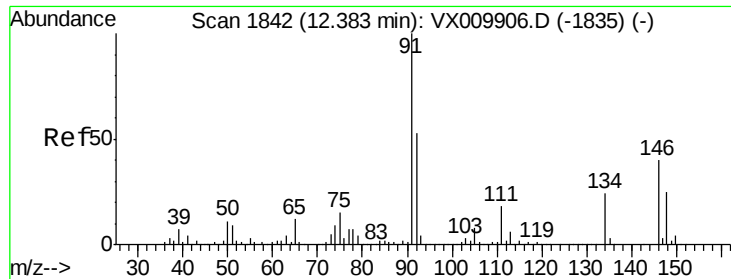
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.755 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.3	32.3	96.9





#89

n-Butylbenzene

Concen: 19.466 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

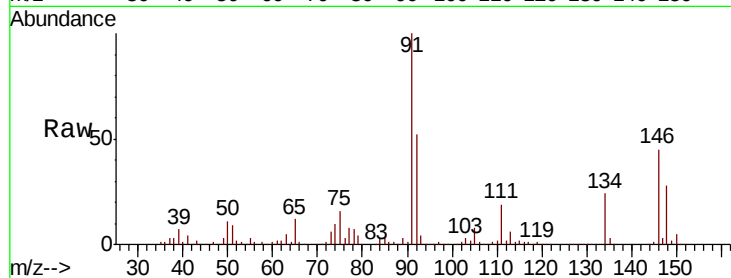
Tot Ion: 91 Resp: 137207

Ion Ratio Lower Upper

91 100

92 51.4 26.3 78.8

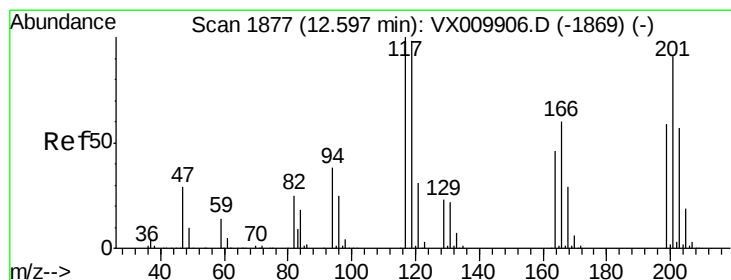
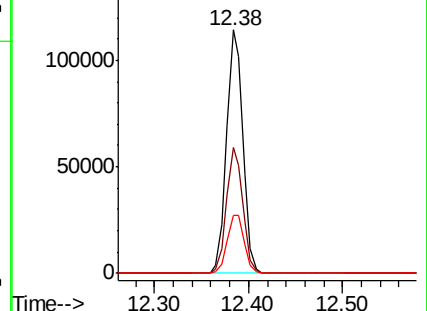
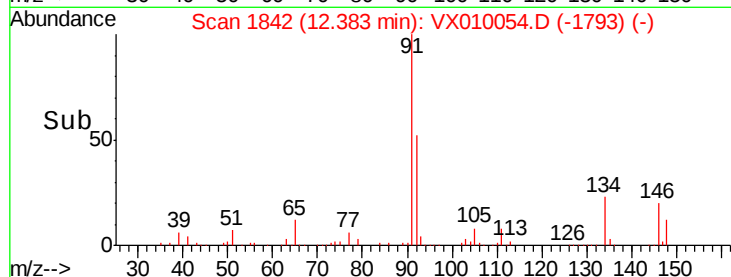
134 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX010054.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010054.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010054.D (-1793) (-)



#90

Hexachloroethane

Concen: 19.311 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010054.D

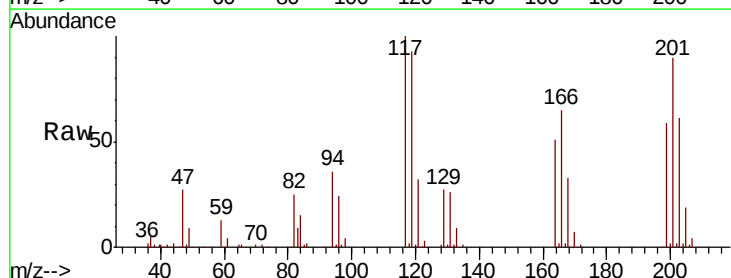
Acq: 04 Jun 2019 12:02

Tgt Ion: 117 Resp: 24856

Ion Ratio Lower Upper

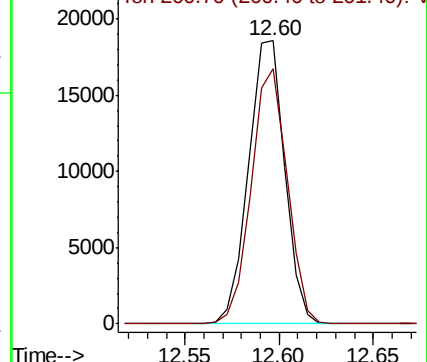
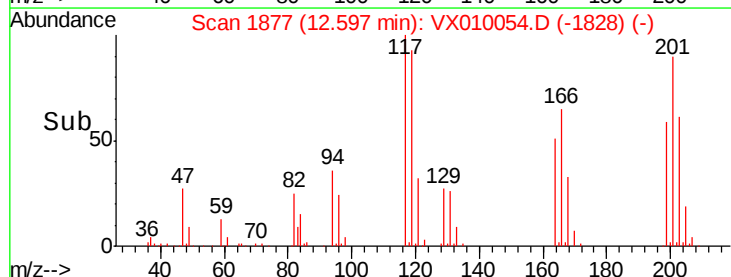
117 100

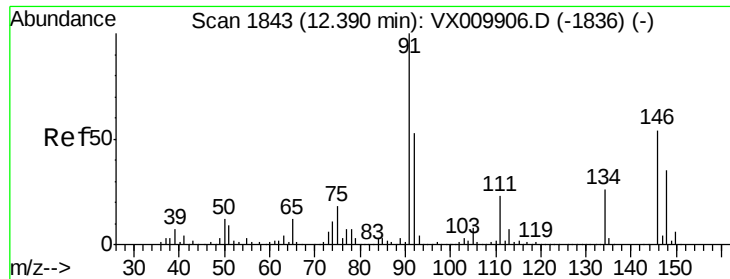
201 89.3 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VX010054.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX010054.D (-1828) (-)

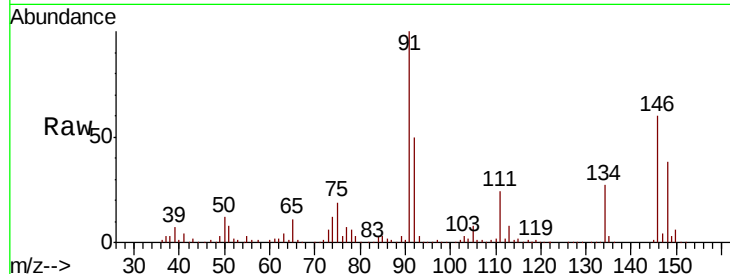




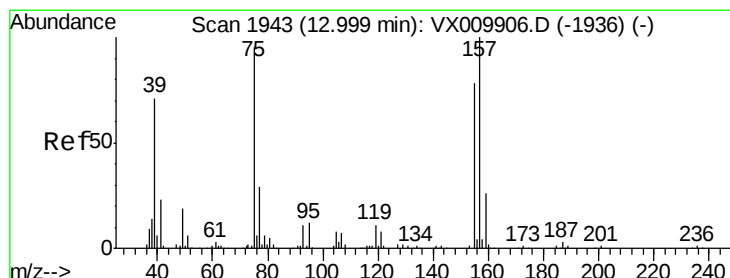
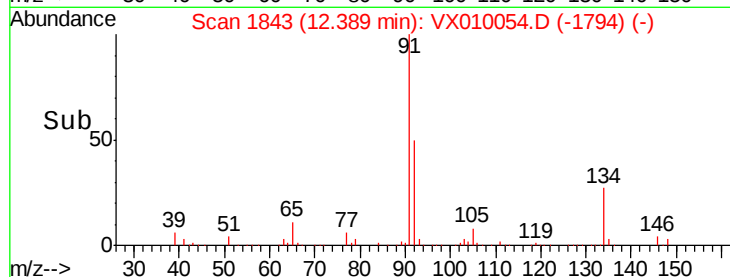
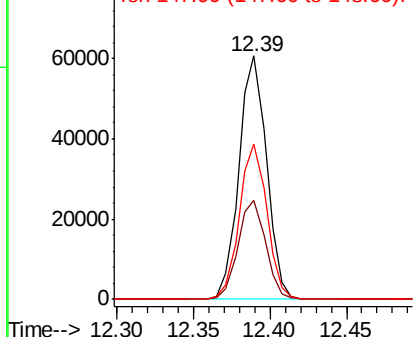
#91
 1,2-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 75804
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.1 63.1
 148 63.5 32.3 96.8

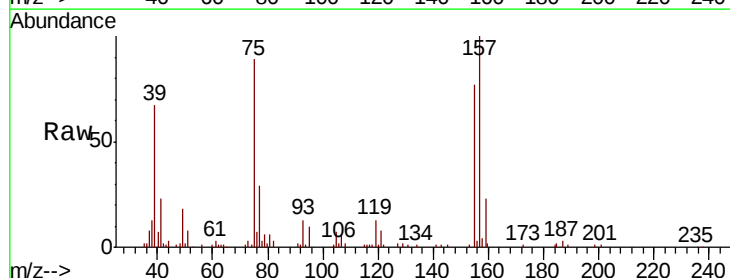


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

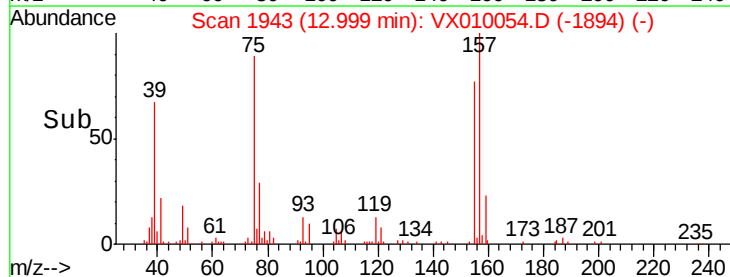
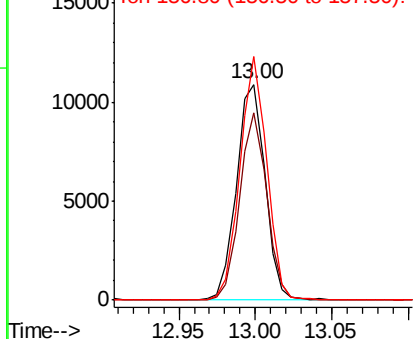


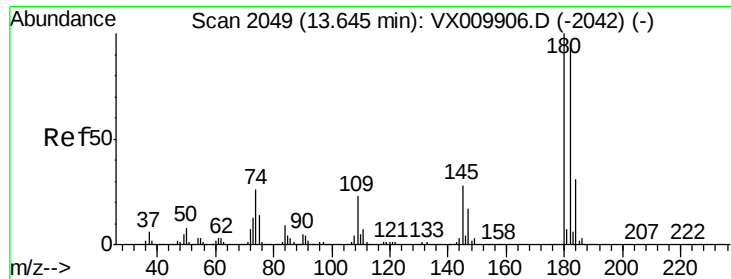
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.528 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 75 Resp: 14149
 Ion Ratio Lower Upper
 75 100
 155 82.2 39.3 117.8
 157 105.4 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

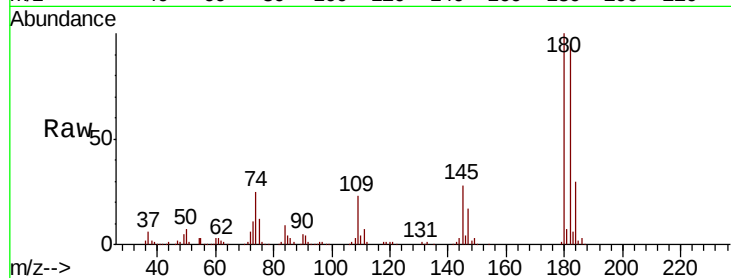




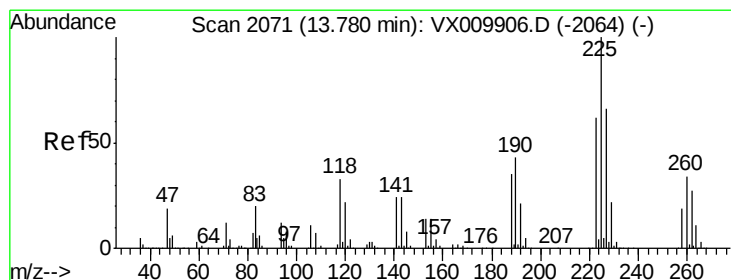
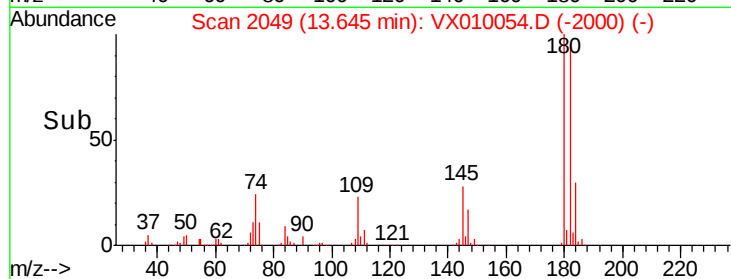
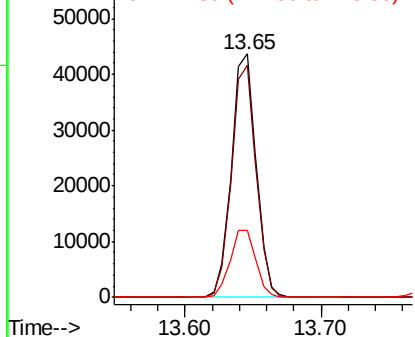
#93
 1,2,4-Trichlorobenzene
 Concen: 19.823 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 55108
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 28.7 14.5 43.5

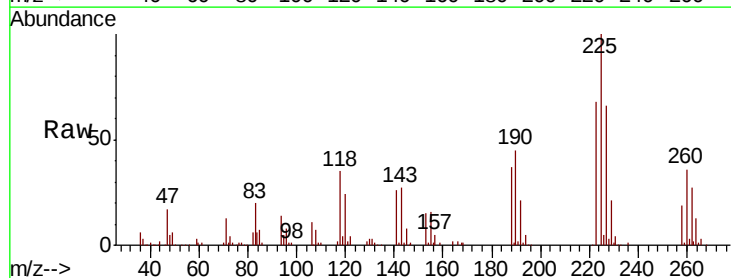


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

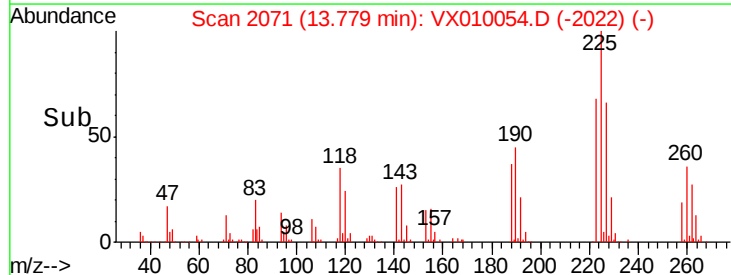
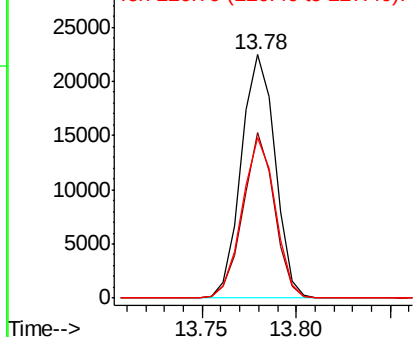


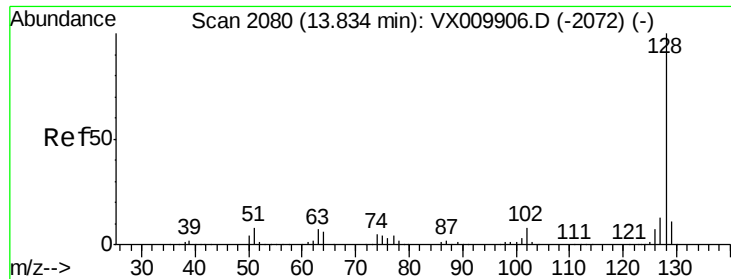
#94
 Hexachlorobutadiene
 Concen: 20.103 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion:225 Resp: 28031
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.6 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

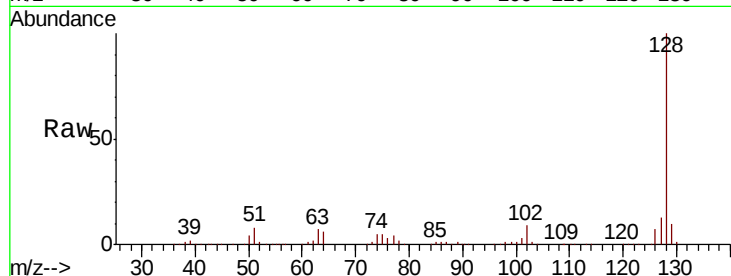




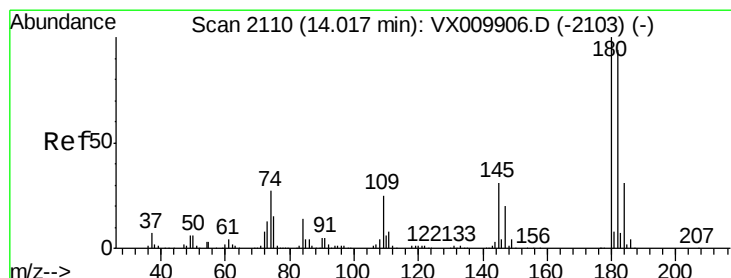
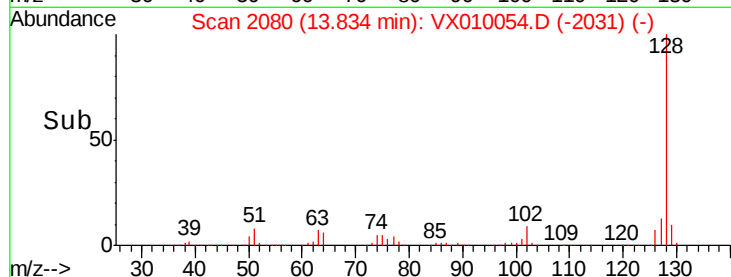
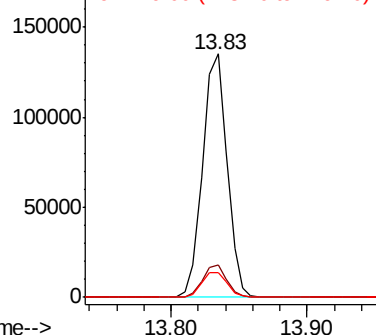
#95
Naphthalene
Concen: 19.638 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 169890
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.8 13.2

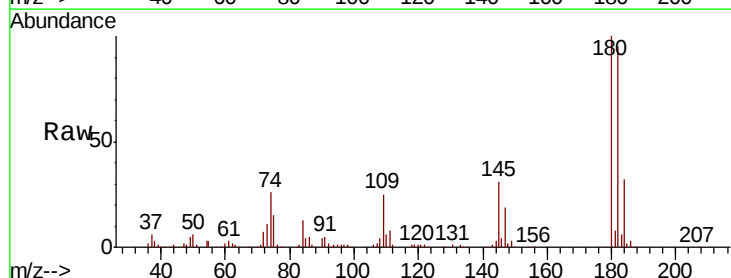


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.695 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:180 Resp: 54804
Ion Ratio Lower Upper
180 100
182 97.5 47.3 142.0
145 31.2 15.6 46.7



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

