

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009158.D
 Acq On : 25 Apr 2019 13:35
 Operator : JC/SP
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127194	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.49	113	94190	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.71	98	373532	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.13	95	134042	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42099	18.856	ug/l	99
3) Chloromethane	1.32	50	52974	19.326	ug/l	99
4) Vinyl Chloride	1.40	62	50082	18.772	ug/l	98
5) Bromomethane	1.64	94	28253	19.458	ug/l	99
6) Chloroethane	1.71	64	30641	19.531	ug/l	99
7) Trichlorofluoromethane	1.93	101	57654	18.509	ug/l	100
8) Diethyl Ether	2.18	74	26102	18.323	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35470	17.810	ug/l	99
10) Methyl Iodide	2.51	142	34602	18.902	ug/l	99
11) Tert butyl alcohol	3.05	59	62498	103.066	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36849	17.727	ug/l	95
13) Acrolein	2.29	56	48764	93.071	ug/l	99
14) Allyl chloride	2.73	41	85765	18.911	ug/l	99
15) Acrylonitrile	3.14	53	150070	97.492	ug/l	99
16) Acetone	2.44	43	139151	98.225	ug/l	99
17) Carbon Disulfide	2.57	76	102214	17.566	ug/l	99
18) Methyl Acetate	2.78	43	68953	19.502	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	137880	18.615	ug/l	97
20) Methylene Chloride	2.85	84	44648	18.429	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	39150	17.657	ug/l	96
22) Diisopropyl ether	3.85	45	168350	19.103	ug/l	98
23) Vinyl Acetate	3.81	43	749742	96.782	ug/l	98
24) 1,1-Dichloroethane	3.70	63	82383	18.623	ug/l	99
25) 2-Butanone	4.67	43	226936	100.218	ug/l	99
26) 2,2-Dichloropropane	4.58	77	57660	17.388	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45695	18.152	ug/l	99
28) Bromochloromethane	5.02	49	36272	18.526	ug/l	98
29) Tetrahydrofuran	5.13	42	149162	98.416	ug/l	99
30) Chloroform	5.21	83	74129	18.726	ug/l	99
31) Cyclohexane	5.58	56	79968	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	60112	18.321	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56316	17.408	ug/l	99
37) Ethyl Acetate	4.83	43	84221	20.232	ug/l	100
38) Carbon Tetrachloride	5.78	117	49927	18.204	ug/l	96

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 ClientSampleId :

Quant Time: Apr 26 04:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70489	17.896	ug/l	99
40) Benzene	6.14	78	176347	18.478	ug/l	99
41) Methacrylonitrile	5.04	41	47174	19.745	ug/l	100
42) 1,2-Dichloroethane	6.20	62	63140	18.676	ug/l	100
43) Isopropyl Acetate	6.45	43	128843	19.206	ug/l	100
44) Trichloroethene	7.21	130	41116	17.583	ug/l	97
45) 1,2-Dichloropropane	7.51	63	48987	18.502	ug/l	97
46) Dibromomethane	7.66	93	28680	18.613	ug/l	98
47) Bromodichloromethane	7.90	83	55686	18.425	ug/l	98
48) Methyl methacrylate	7.77	41	63868	19.268	ug/l	99
49) 1,4-Dioxane	7.74	88	25913	417.676	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	434636	101.698	ug/l	99
52) Toluene	8.78	92	106650	18.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62472	17.961	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70866	18.196	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43096	19.011	ug/l	98
56) Ethyl methacrylate	9.18	69	78513	19.316	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76608	18.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	199882	91.317	ug/l	99
59) 2-Hexanone	9.49	43	337026	102.284	ug/l	100
60) Dibromochloromethane	9.58	129	41043	18.891	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43591	18.631	ug/l	100
64) Tetrachloroethene	9.34	164	37430	17.540	ug/l	99
65) Chlorobenzene	10.13	112	107744	18.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37743	18.070	ug/l	98
67) Ethyl Benzene	10.25	91	199861	18.440	ug/l	100
68) m/p-Xylenes	10.36	106	145673	36.982	ug/l	99
69) o-Xylene	10.69	106	71510	18.658	ug/l	98
70) Styrene	10.71	104	123357	18.573	ug/l	99
71) Bromoform	10.85	173	29967	18.008	ug/l #	98
73) Isopropylbenzene	11.02	105	191575	18.977	ug/l	99
74) N-amyl acetate	10.90	43	113446	19.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72635	19.692	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	83156	25.570	ug/l	80
77) Bromobenzene	11.26	156	45586	17.897	ug/l	97
78) n-propylbenzene	11.36	91	218527	18.860	ug/l	100
79) 2-Chlorotoluene	11.42	91	132754	19.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161021	19.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22115	17.458	ug/l	92
82) 4-Chlorotoluene	11.51	91	148538	18.317	ug/l	100
83) tert-Butylbenzene	11.77	119	152509	18.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161486	18.727	ug/l	100
85) sec-Butylbenzene	11.94	105	182762	18.841	ug/l	99
86) p-Isopropyltoluene	12.06	119	165175	18.521	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80221	17.995	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80884	17.898	ug/l	99
89) n-Butylbenzene	12.38	91	146739	17.667	ug/l	99
90) Hexachloroethane	12.60	117	26632	18.103	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	82578	18.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17078	20.335	ug/l	98

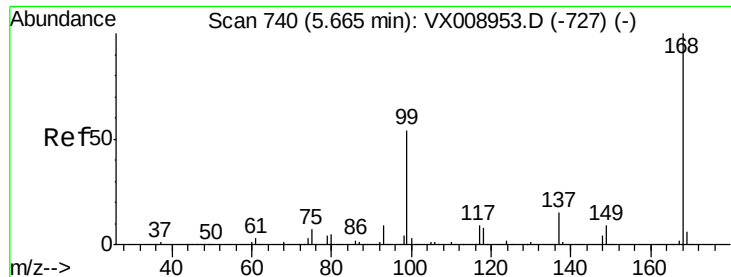
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56580	17.805	ug/l	100
94) Hexachlorobutadiene	13.78	225	28536	18.005	ug/l	99
95) Naphthalene	13.83	128	199025	19.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58333	18.605	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

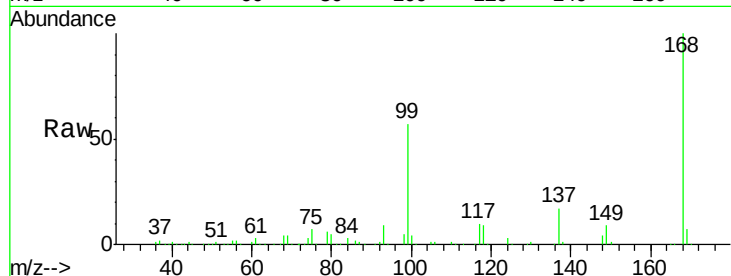
ClientSampleId :

Tot Ion:168 Resp: 193844

Ion Ratio Lower Upper

168 100

99 57.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

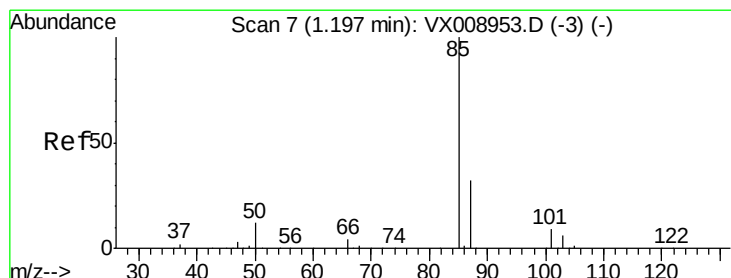
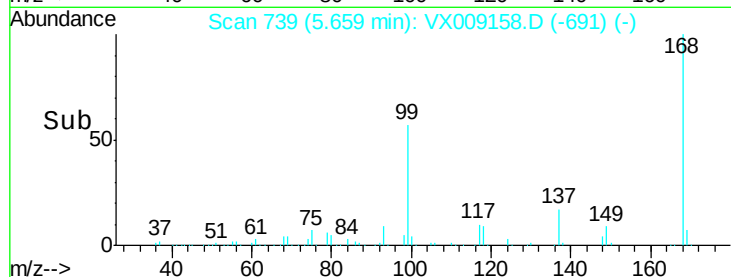
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.856 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009158.D

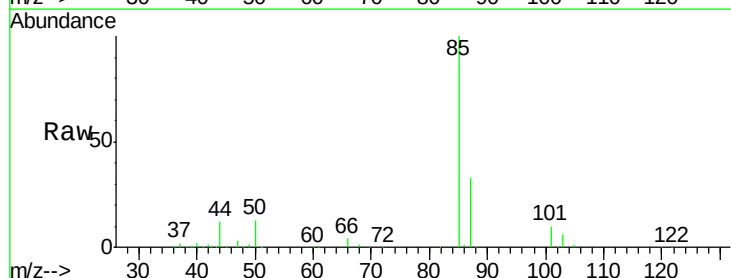
Acq: 25 Apr 2019 13:35

Tgt Ion: 85 Resp: 42099

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

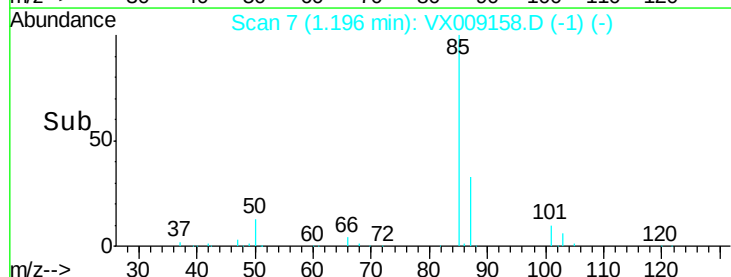
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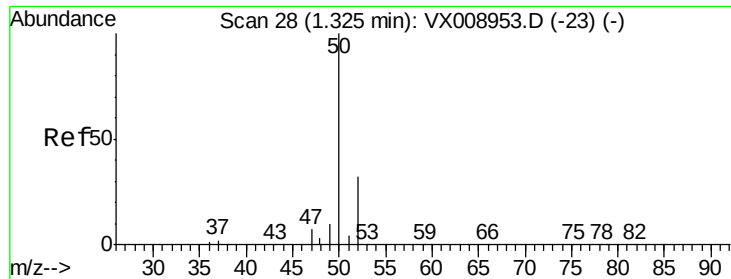
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.326 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

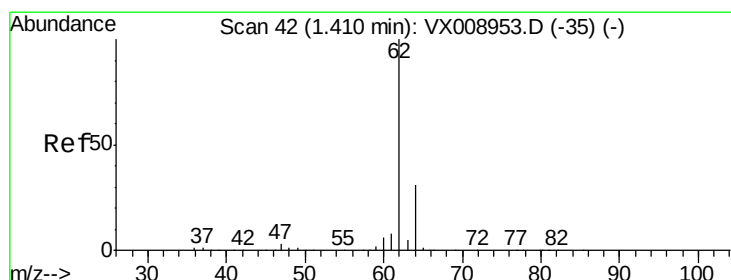
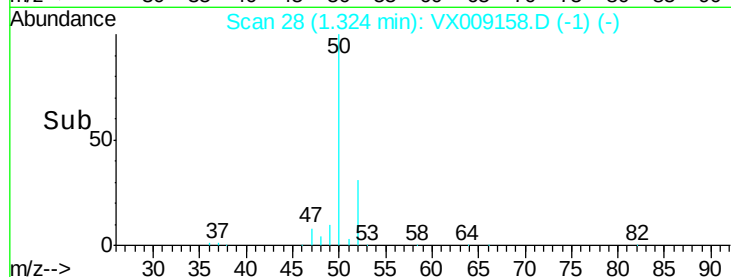
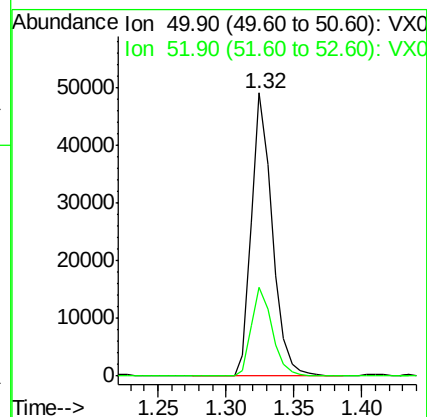
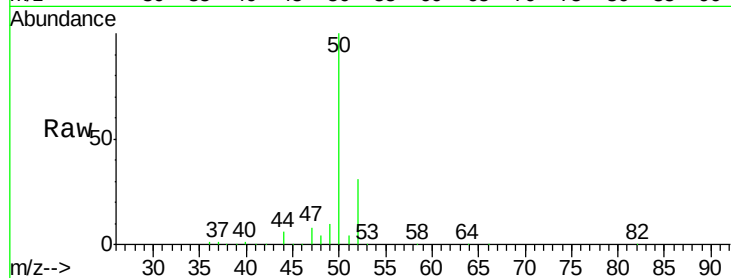
ClientSampled :

Tot Ion: 50 Resp: 52974

Ion Ratio Lower Upper

50 100

52 31.3 25.5 38.3



#4

Vinyl Chloride

Concen: 18.772 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009158.D

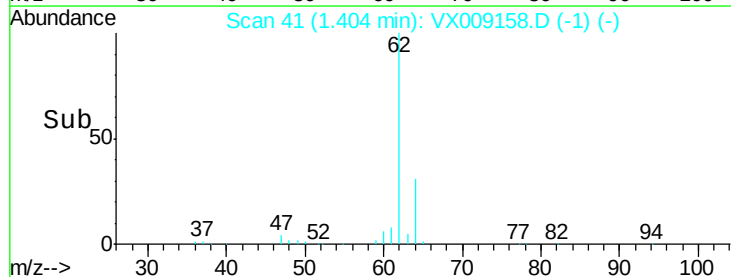
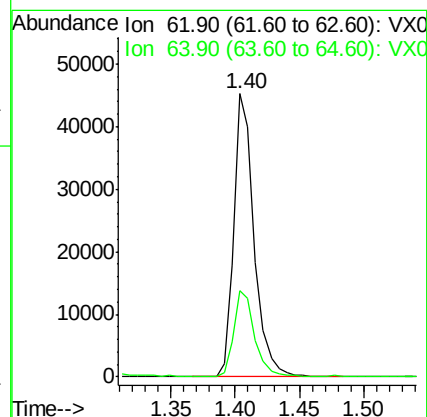
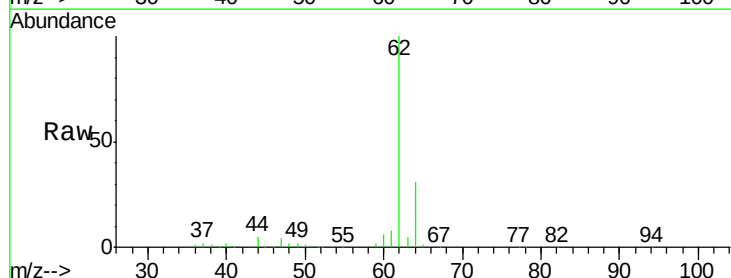
Acq: 25 Apr 2019 13:35

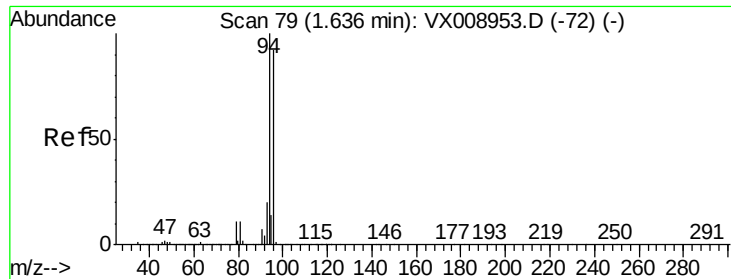
Tgt Ion: 62 Resp: 50082

Ion Ratio Lower Upper

62 100

64 30.4 25.0 37.4





#5

Bromomethane

Concen: 19.458 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

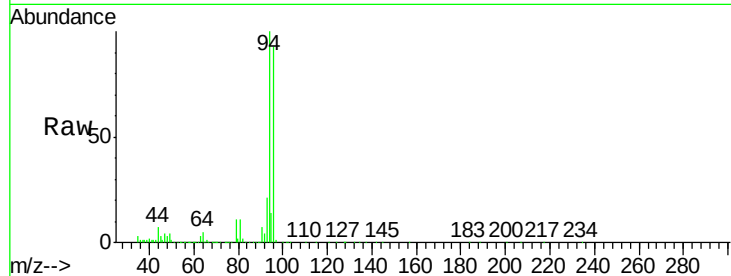
ClientSampleId :

Tot Ion: 94 Resp: 28253

Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

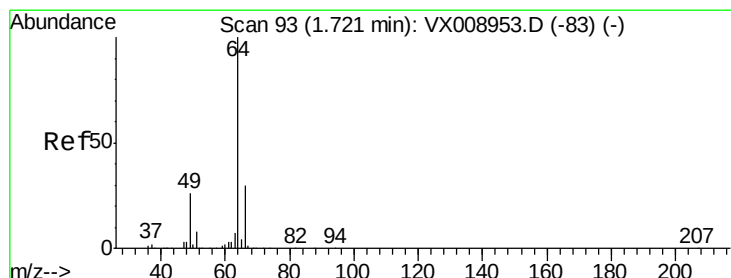
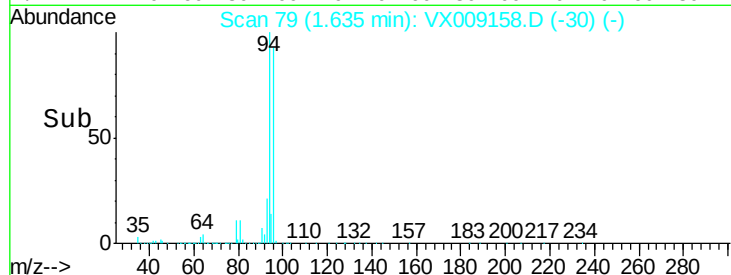
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 19.531 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009158.D

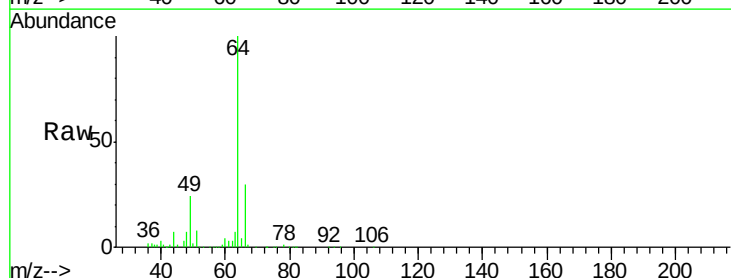
Acq: 25 Apr 2019 13:35

Tgt Ion: 64 Resp: 30641

Ion Ratio Lower Upper

64 100

66 30.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

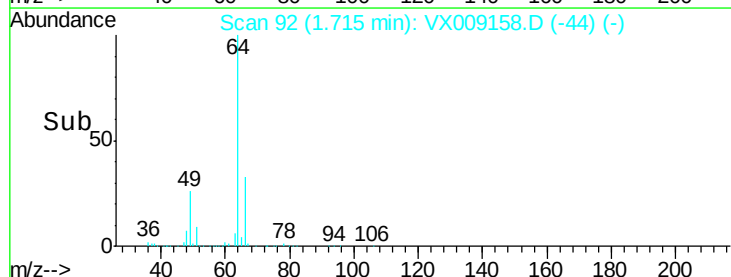
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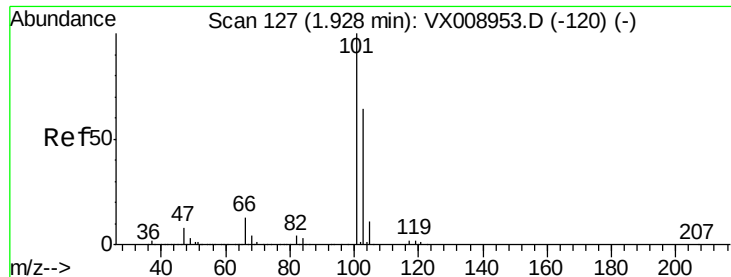
5000

0

Time-->

1.65 1.70 1.75 1.80



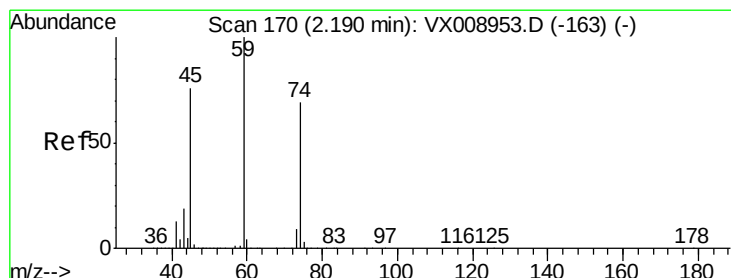
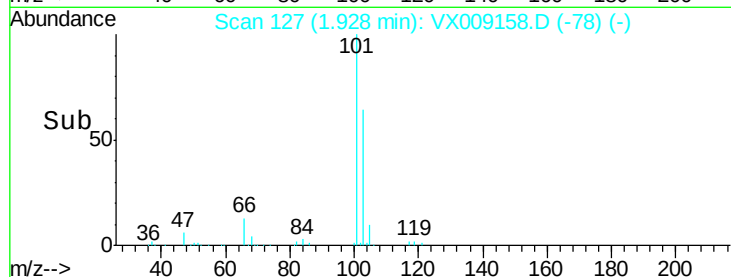
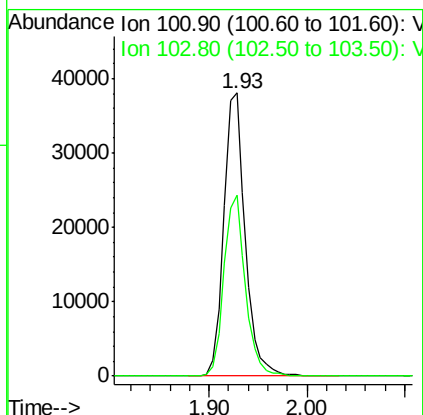
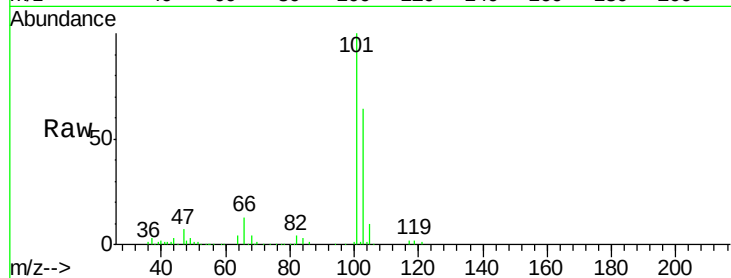


#7

Trichlorofluoromethane
 Concen: 18.509 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Instrument :
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 ClientSampleId :

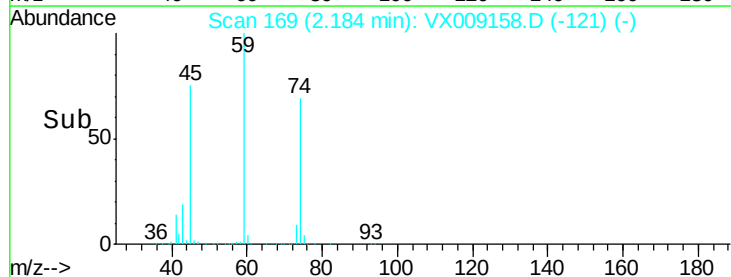
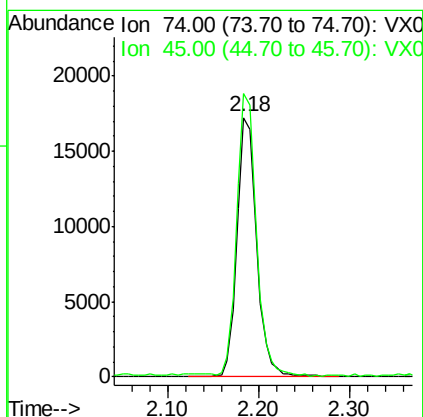
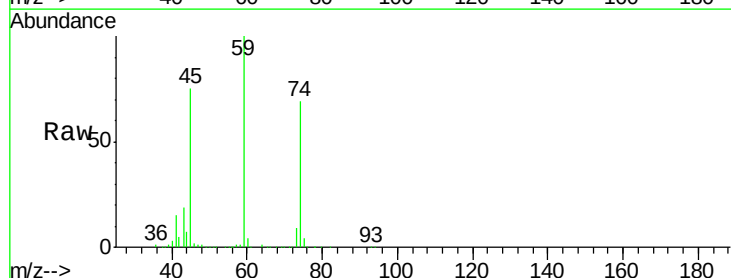
Tot Ion:101 Resp: 57654
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6

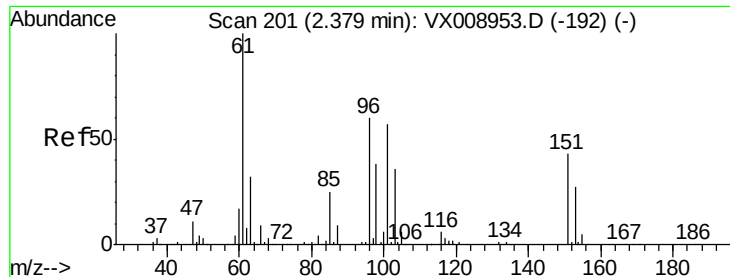


#8

Diethyl Ether
 Concen: 18.323 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 74 Resp: 26102
 Ion Ratio Lower Upper
 74 100
 45 109.8 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.810 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

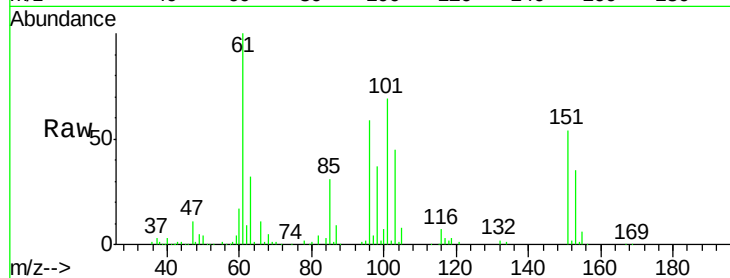
Tot Ion:101 Resp: 35470

Ion Ratio Lower Upper

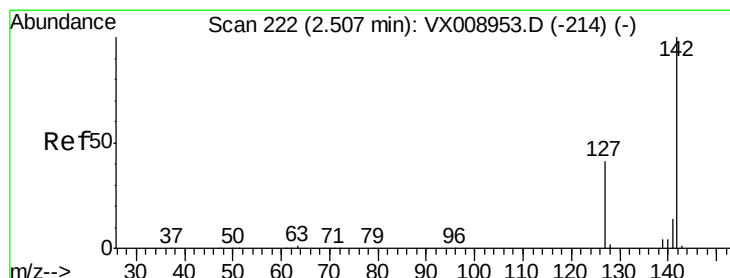
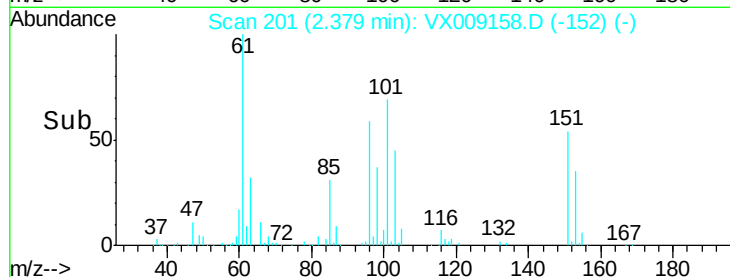
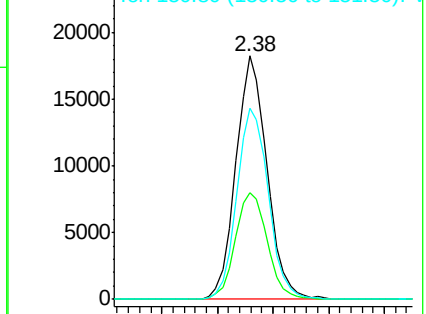
101 100

85 44.8 35.7 53.5

151 79.3 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.902 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

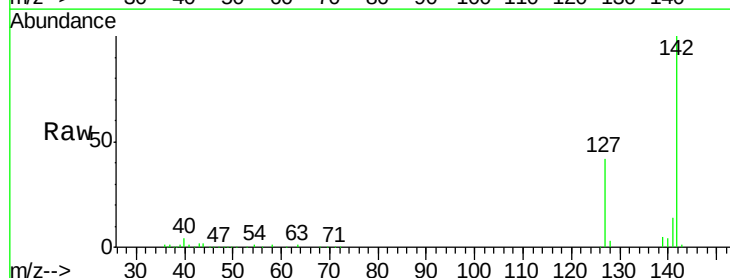
Tgt Ion:142 Resp: 34602

Ion Ratio Lower Upper

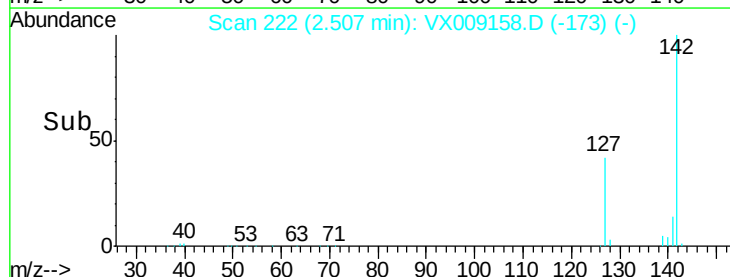
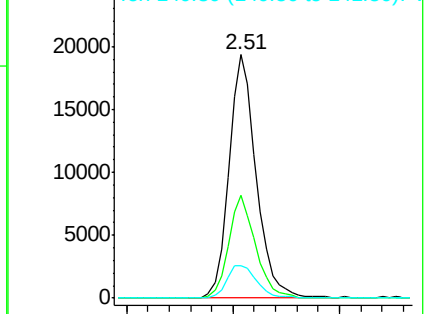
142 100

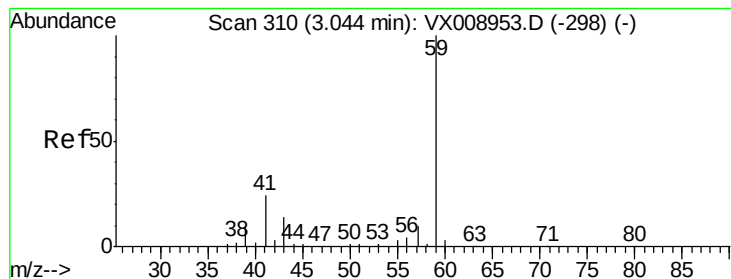
127 41.6 32.8 49.2

141 14.9 11.4 17.2



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



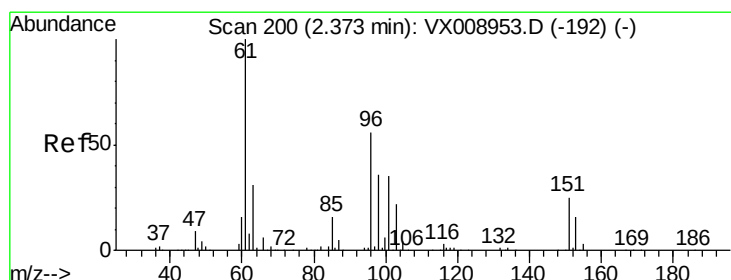
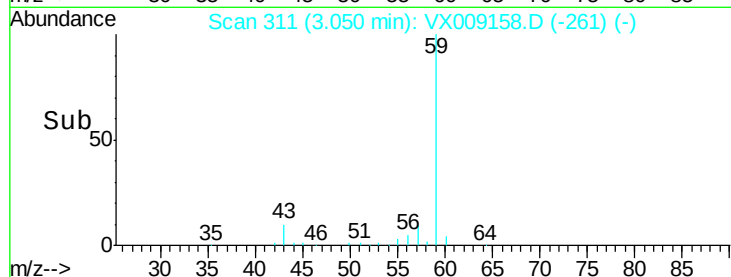
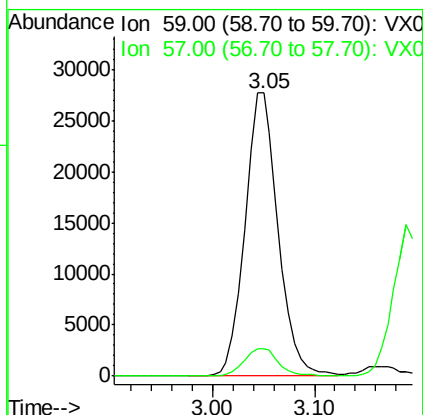
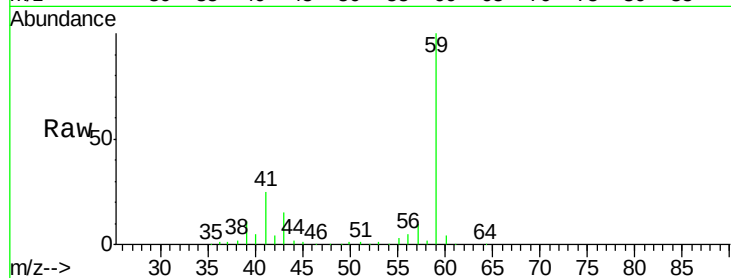


#11

Tert butyl alcohol
 Concen: 103.066 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Instrument :
 MSVOA_X
 ClientSampled :

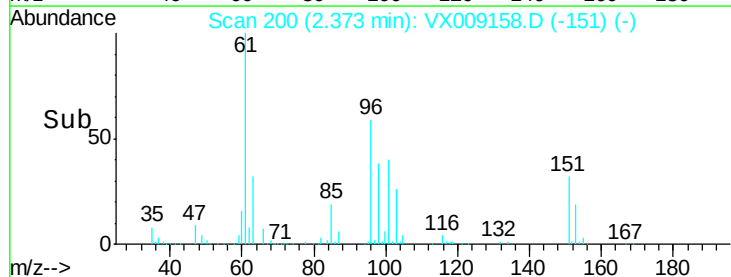
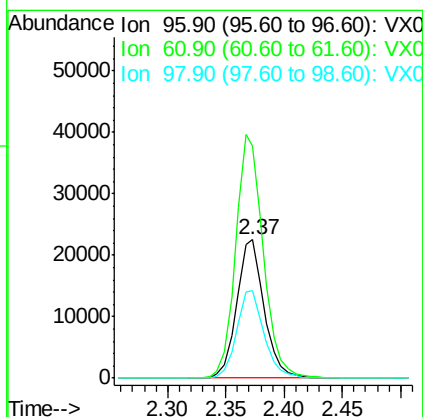
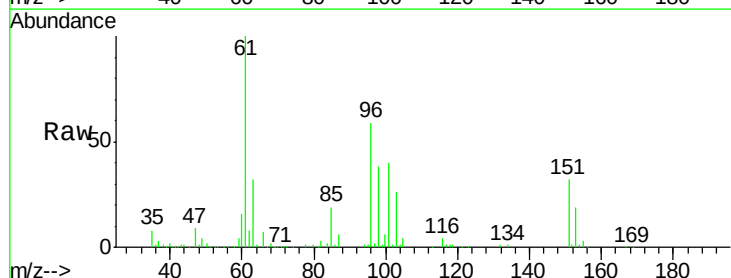
Tot Ion: 59 Resp: 62498
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

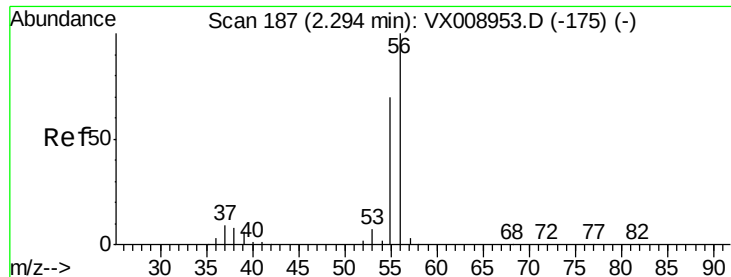


#12

1,1-Dichloroethene
 Concen: 17.727 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 96 Resp: 36849
 Ion Ratio Lower Upper
 96 100
 61 168.1 142.2 213.2
 98 63.2 50.9 76.3





#13

Acrolein

Concen: 93.071 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

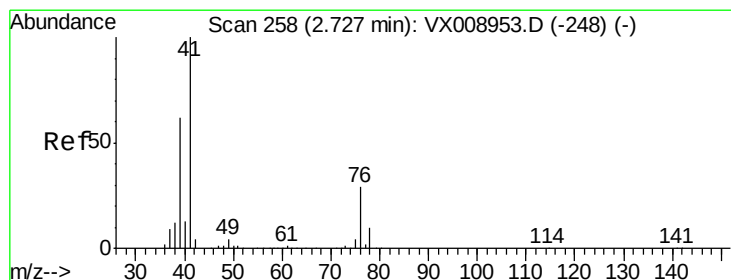
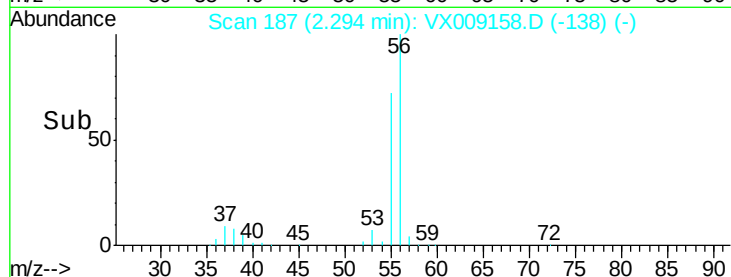
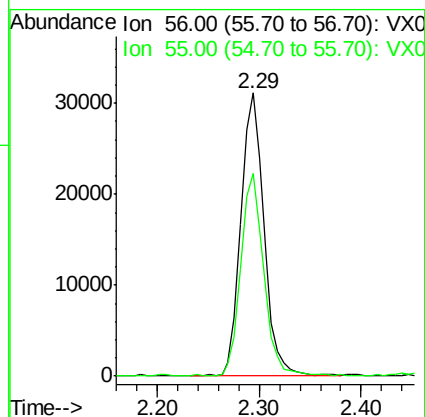
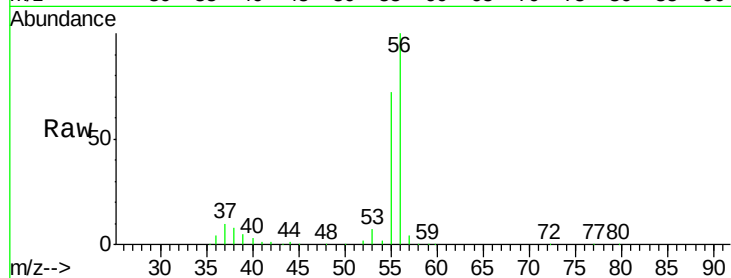
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 48764

Ion Ratio Lower Upper

56 100

55 69.9 56.6 84.8



#14

Allyl chloride

Concen: 18.911 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

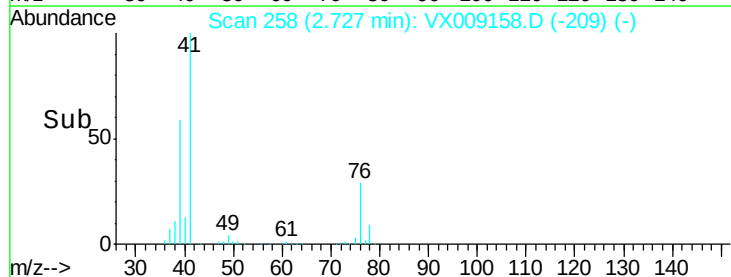
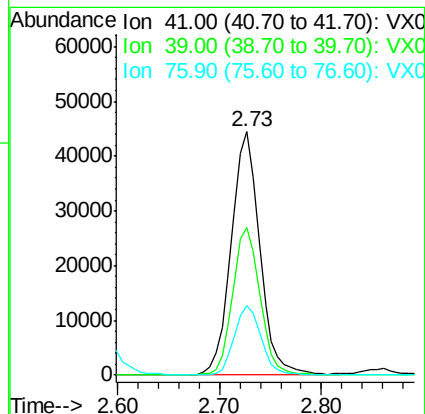
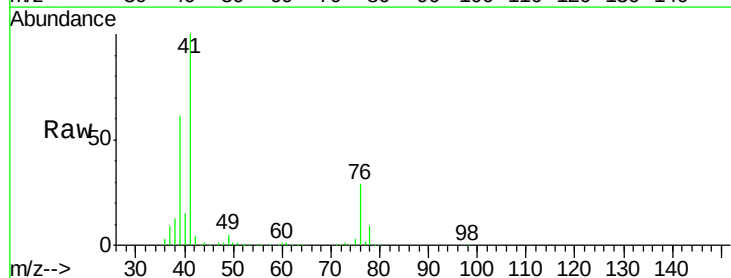
Tgt Ion: 41 Resp: 85765

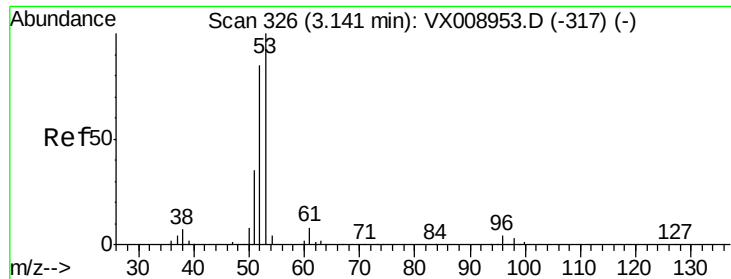
Ion Ratio Lower Upper

41 100

39 57.9 46.7 70.1

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 97.492 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

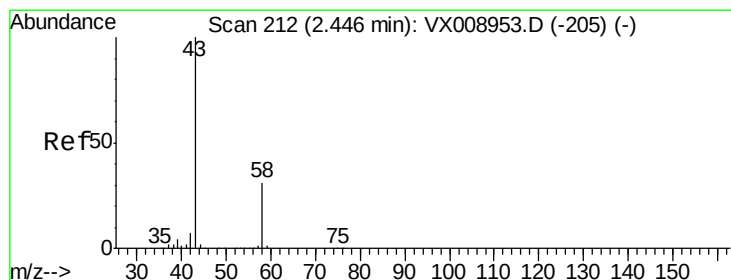
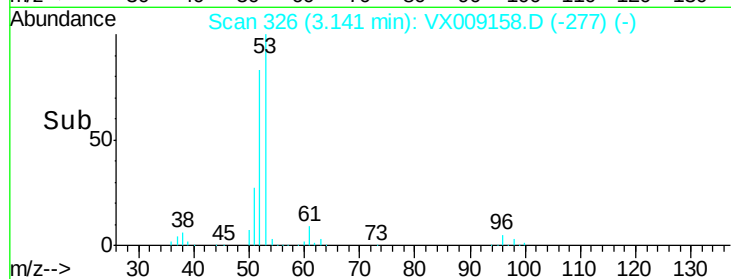
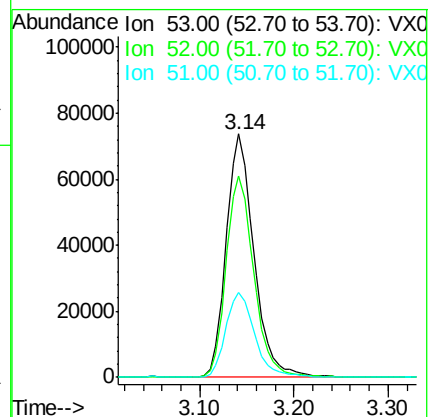
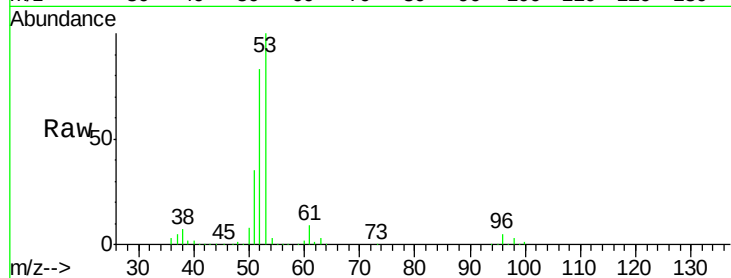
Tot Ion: 53 Resp: 150070

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 36.6 28.3 42.5



#16

Acetone

Concen: 98.225 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009158.D

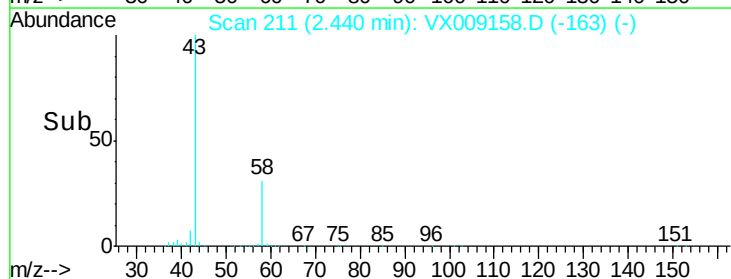
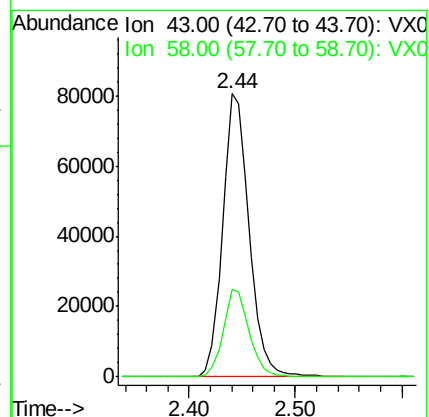
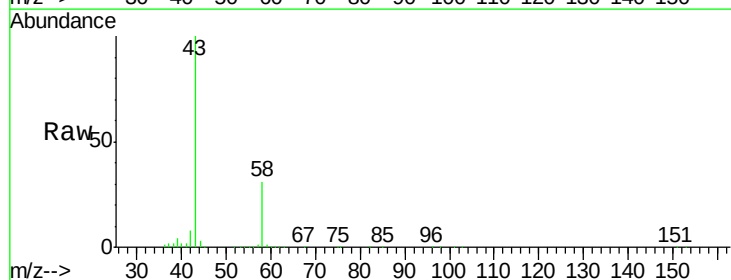
Acq: 25 Apr 2019 13:35

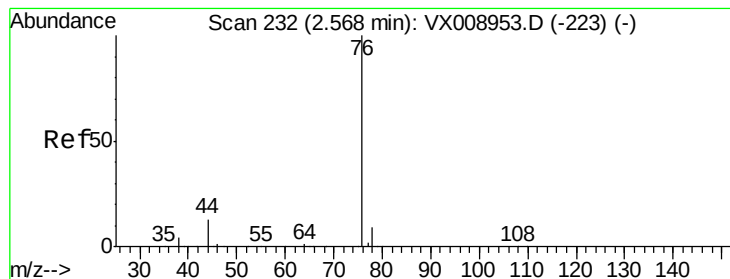
Tgt Ion: 43 Resp: 139151

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 17.566 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

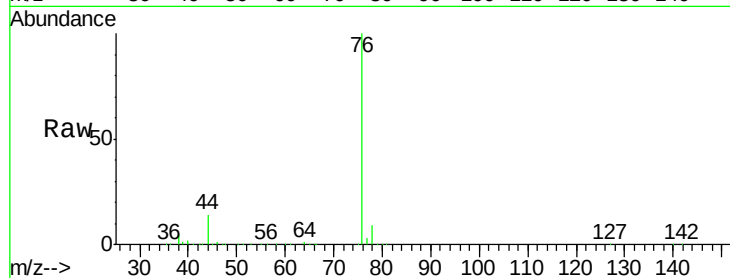
ClientSampleId :

Tot Ion: 76 Resp: 102214

Ion Ratio Lower Upper

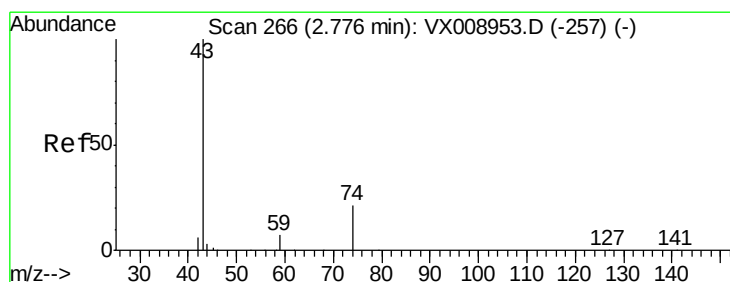
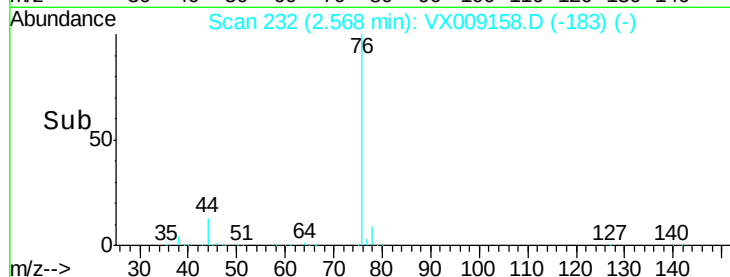
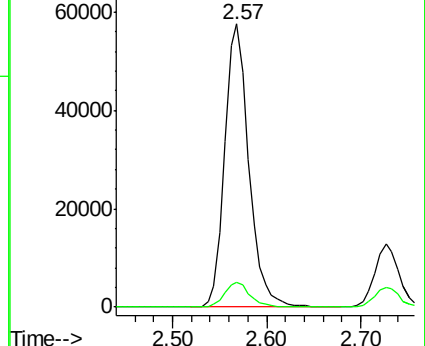
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.502 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009158.D

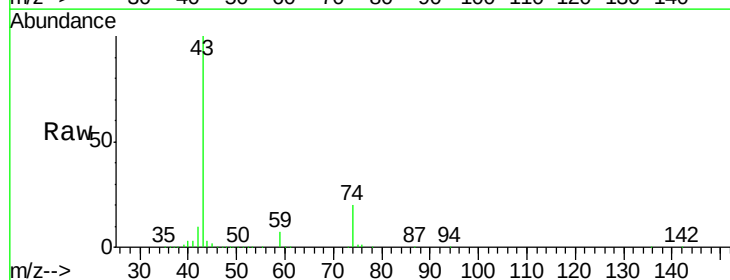
Acq: 25 Apr 2019 13:35

Tgt Ion: 43 Resp: 68953

Ion Ratio Lower Upper

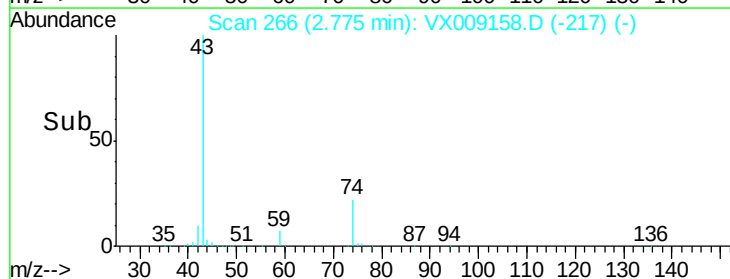
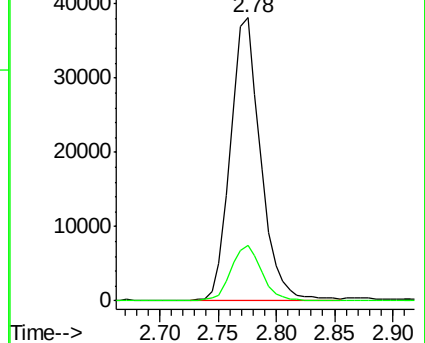
43 100

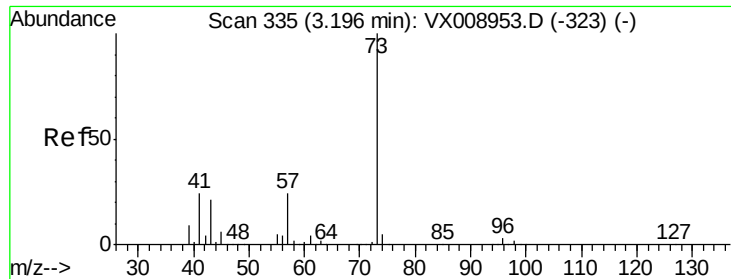
74 20.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



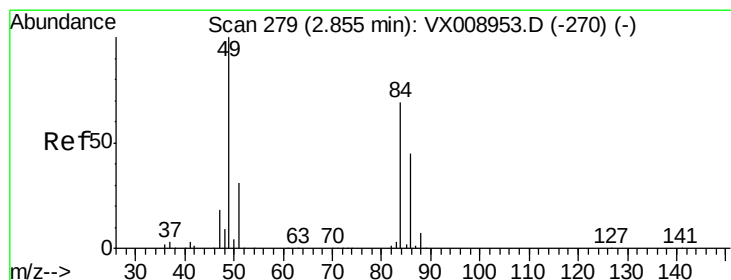
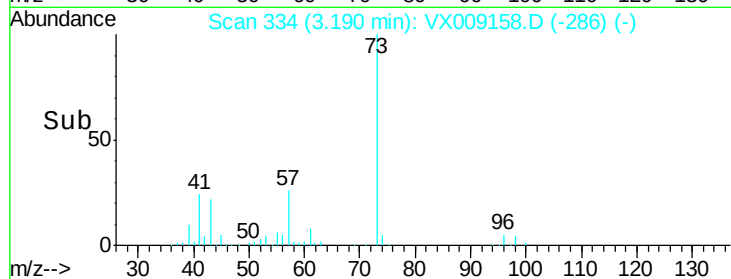
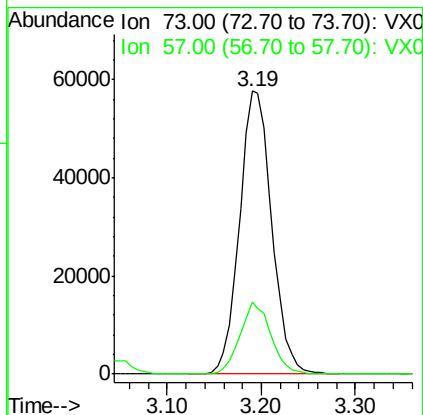
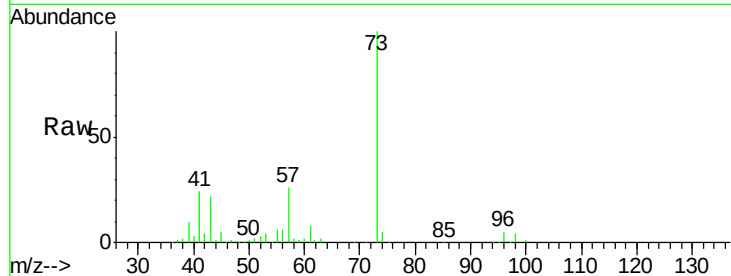


#19

Methyl tert-butyl Ether
 Concen: 18.615 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Instrument :
 MSVOA_X
 ClientSampleId :

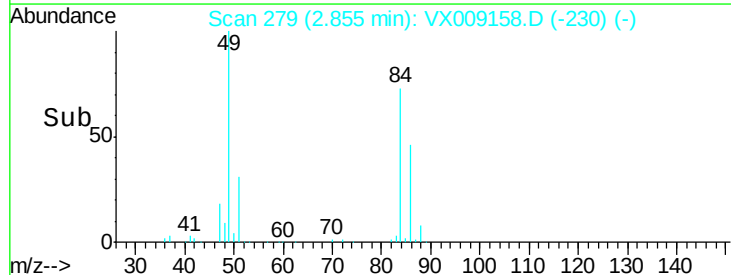
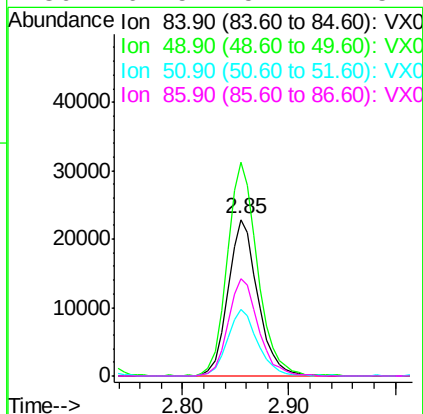
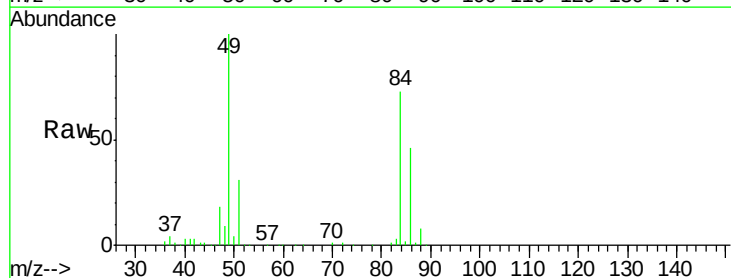
Tot Ion: 73 Resp: 137880
 Ion Ratio Lower Upper
 73 100
 57 25.7 19.2 28.8

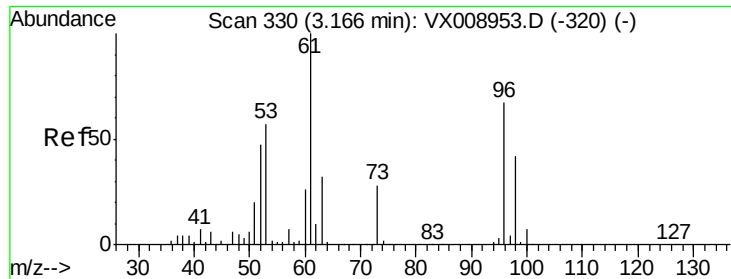


#20

Methylene Chloride
 Concen: 18.429 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 84 Resp: 44648
 Ion Ratio Lower Upper
 84 100
 49 135.8 115.4 173.0
 51 42.5 35.8 53.6
 86 62.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.657 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampleId :

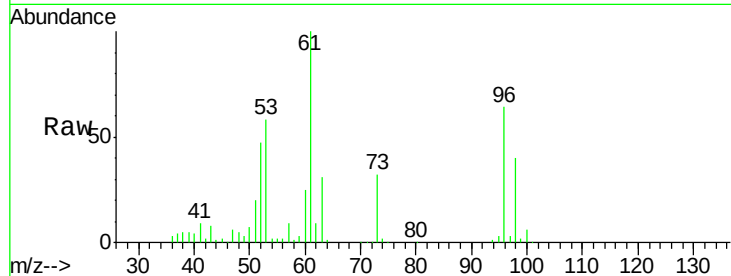
Tot Ion: 96 Resp: 39150

Ion Ratio Lower Upper

96 100

61 157.5 120.3 180.5

98 63.3 50.2 75.2

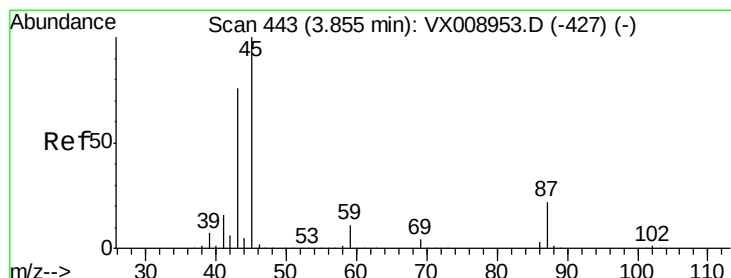
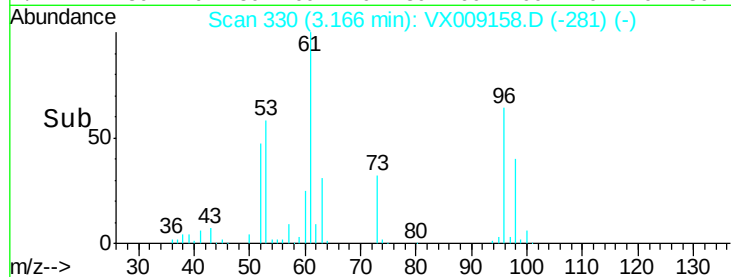
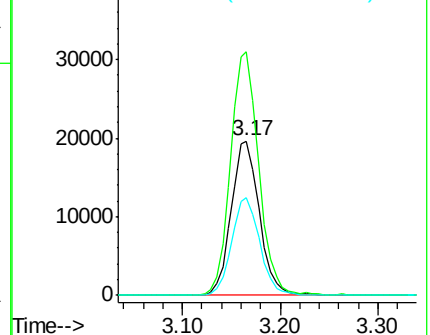


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.103 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Tgt Ion: 45 Resp: 168350

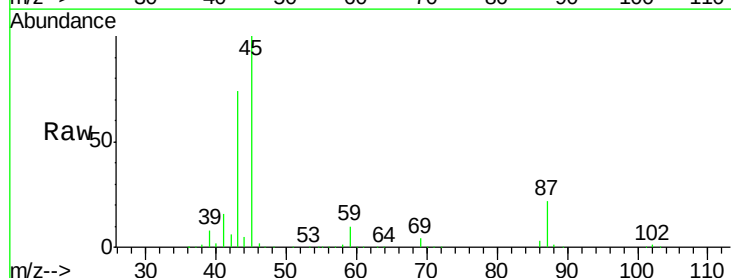
Ion Ratio Lower Upper

45 100

43 73.1 60.6 91.0

87 22.3 17.8 26.8

59 10.4 8.7 13.1



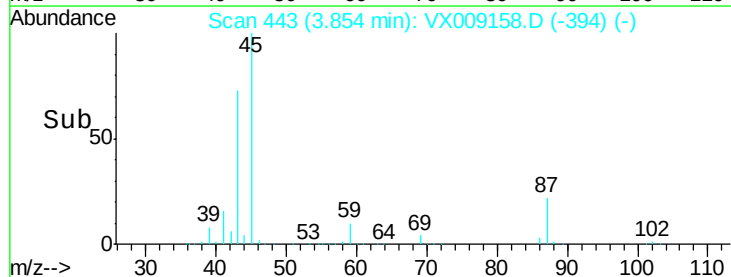
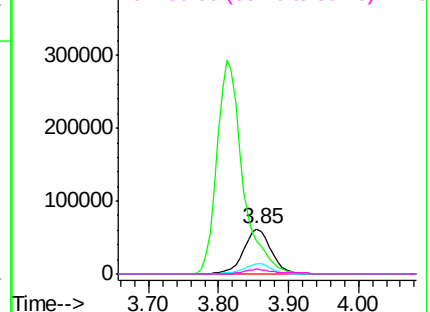
Abundance

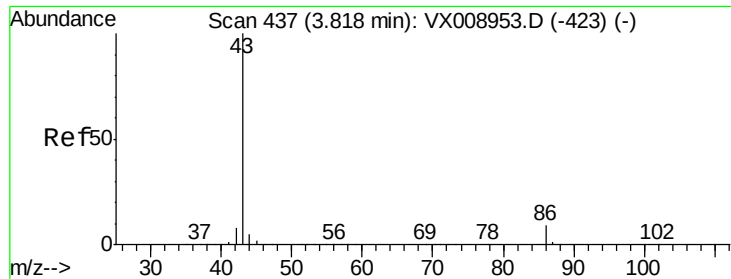
Ion 45.00 (44.70 to 45.70): VX0

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: 96.782 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

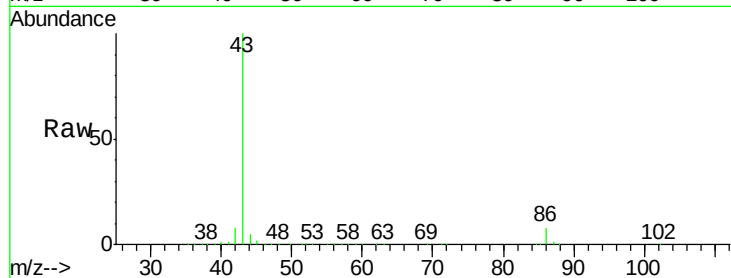
ClientSampleId :

Tot Ion: 43 Resp: 749742

Ion Ratio Lower Upper

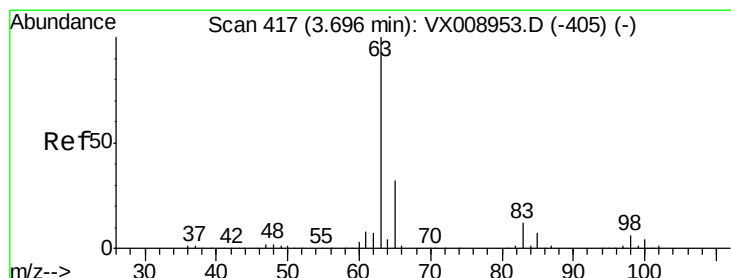
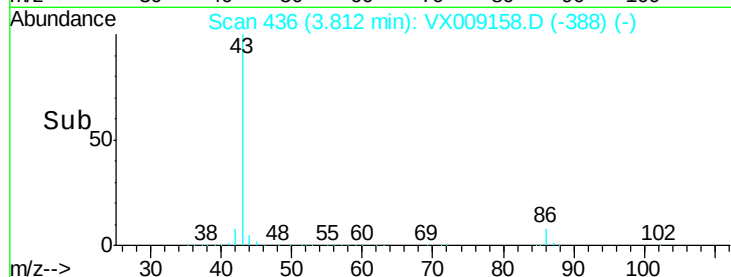
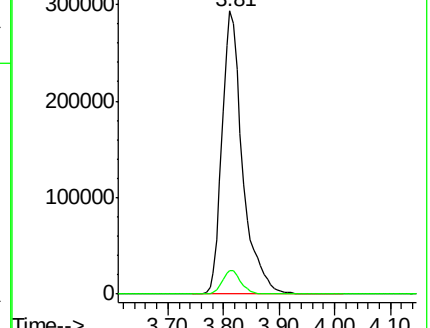
43 100

86 8.2 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.623 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

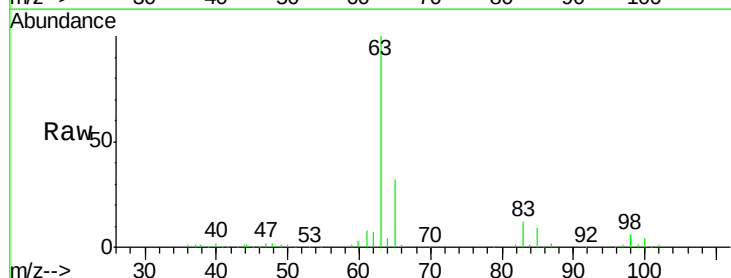
Tgt Ion: 63 Resp: 82383

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

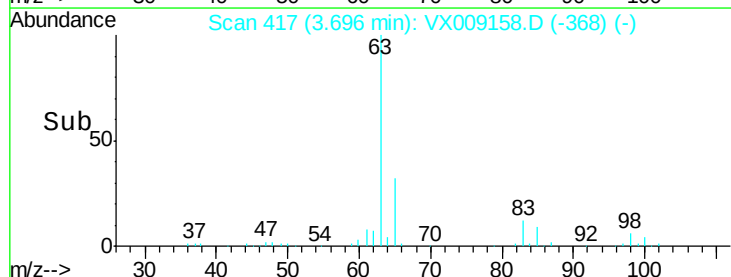
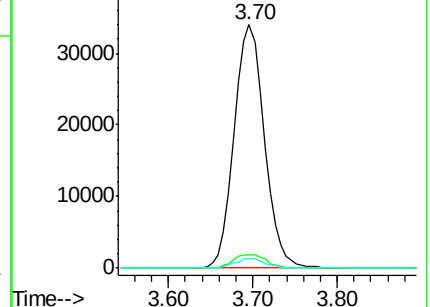
100 3.9 1.9 5.7

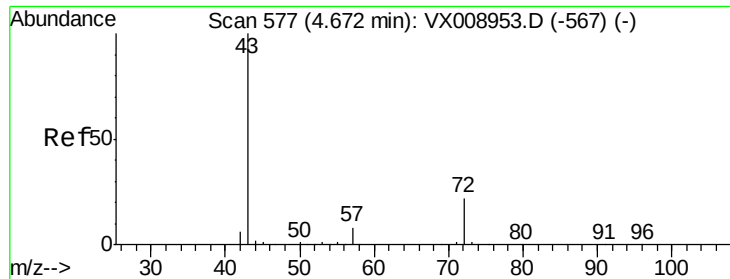


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.218 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

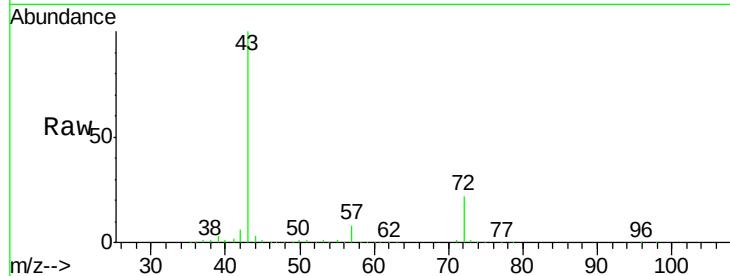
ClientSampleId :

Tot Ion: 43 Resp: 226936

Ion Ratio Lower Upper

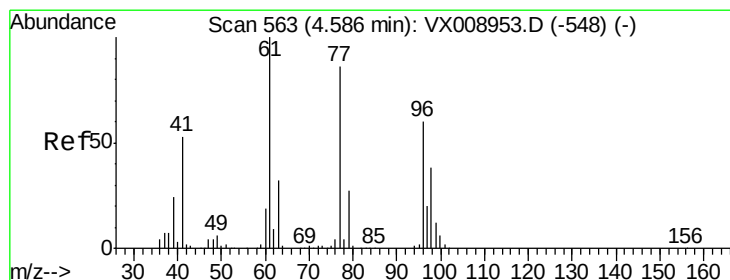
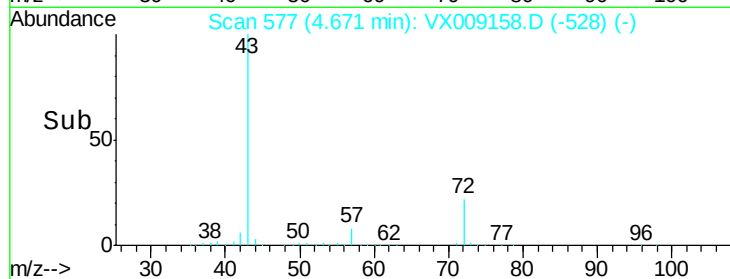
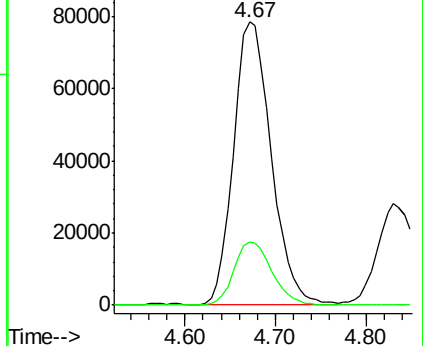
43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.388 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009158.D

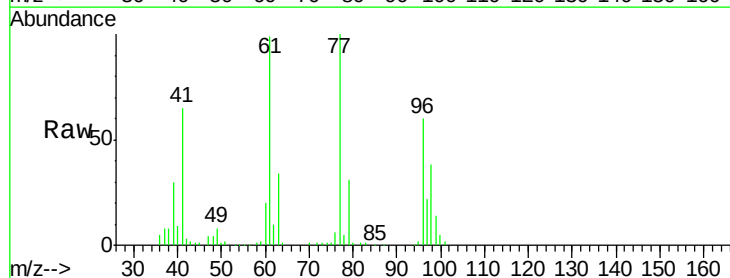
Acq: 25 Apr 2019 13:35

Tgt Ion: 77 Resp: 57660

Ion Ratio Lower Upper

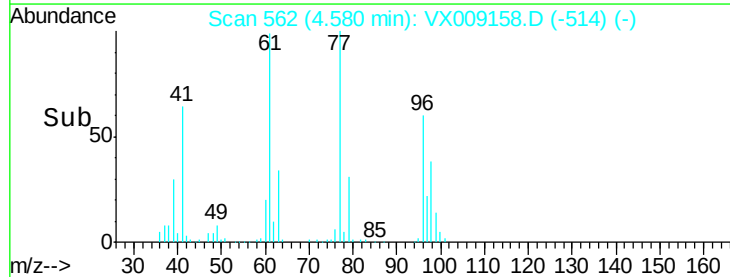
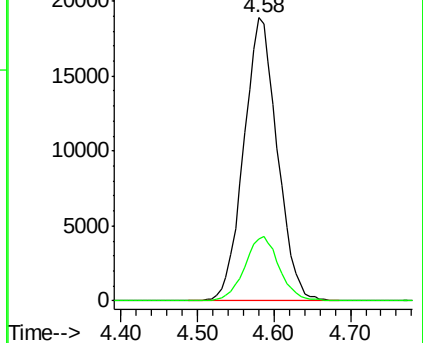
77 100

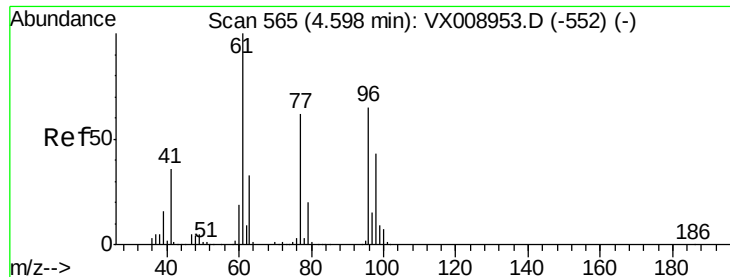
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



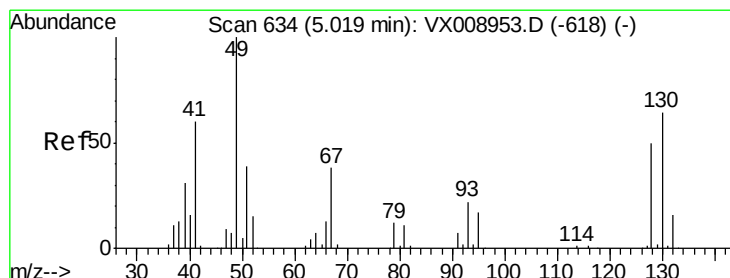
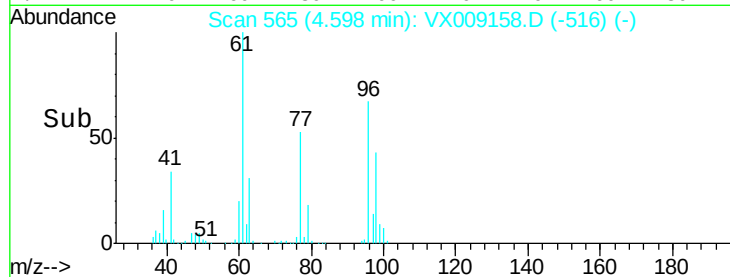
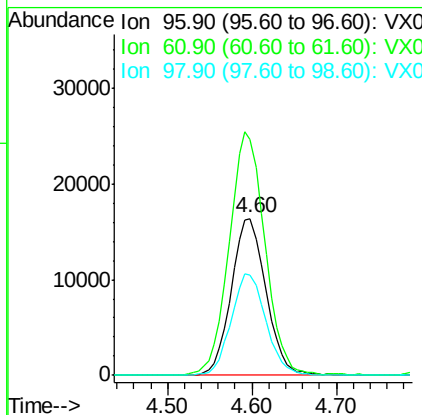
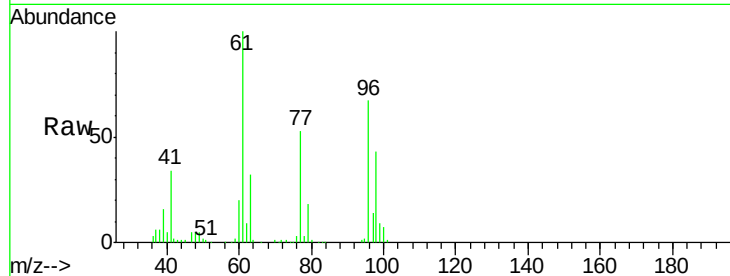


#27

cis-1,2-Dichloroethene
Concen: 18.152 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampled :

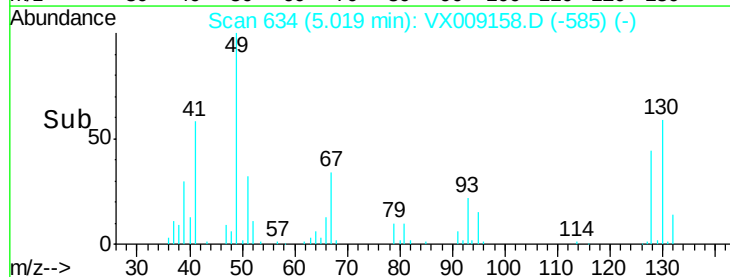
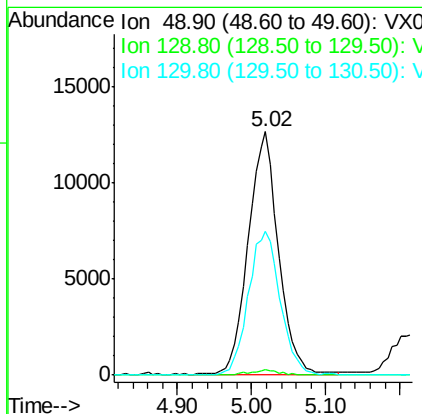
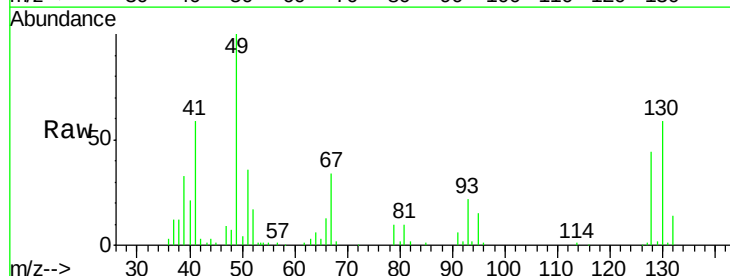
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	322.0
98	65.0	0.0	128.4

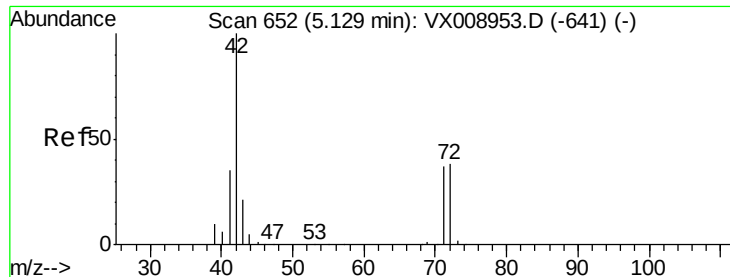


#28

Bromochloromethane
Concen: 18.526 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	61.4	50.4	75.6

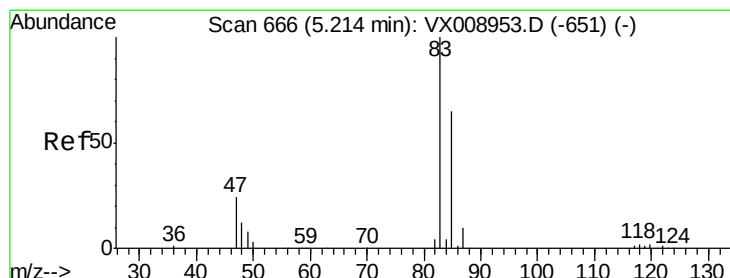
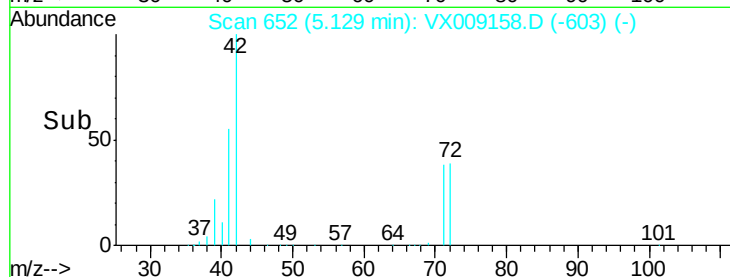
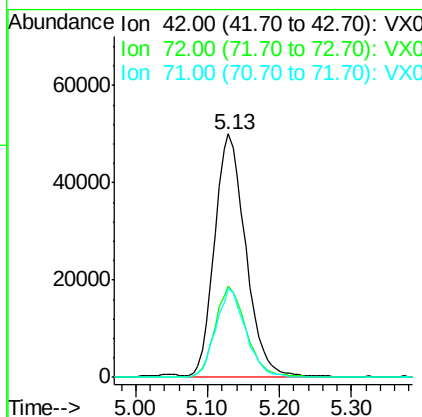
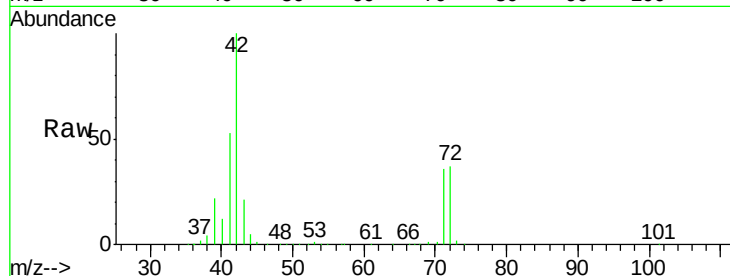




#29
Tetrahydrofuran
Concen: 98.416 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

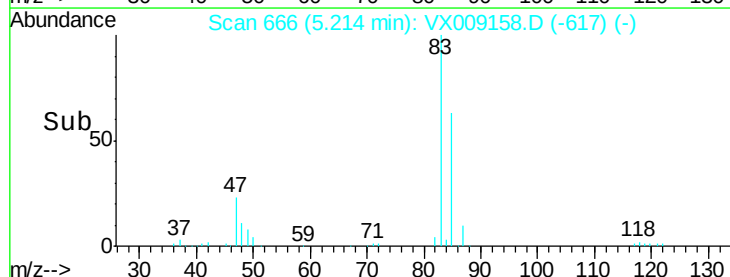
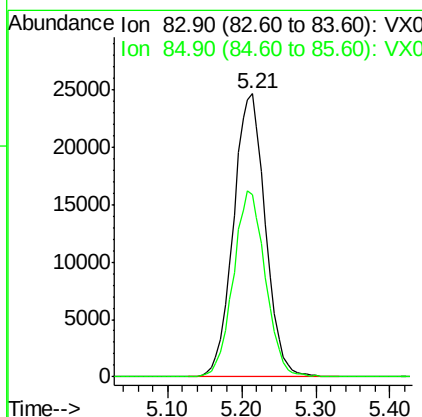
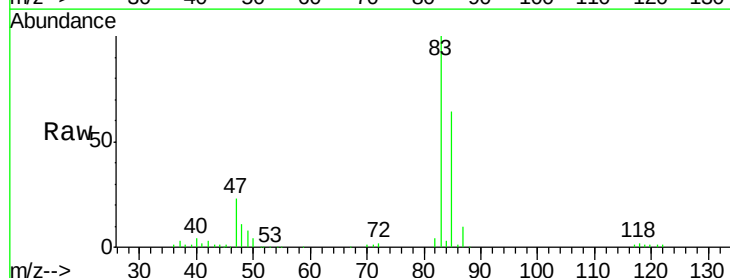
Instrument :
MSVOA_X
ClientSampleId :

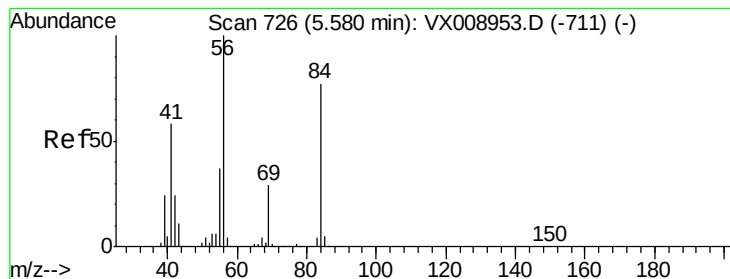
Tot Ion: 42 Resp: 149162
Ion Ratio Lower Upper
42 100
72 37.8 30.6 45.8
71 35.7 28.8 43.2



#30
Chloroform
Concen: 18.726 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 83 Resp: 74129
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampleId :

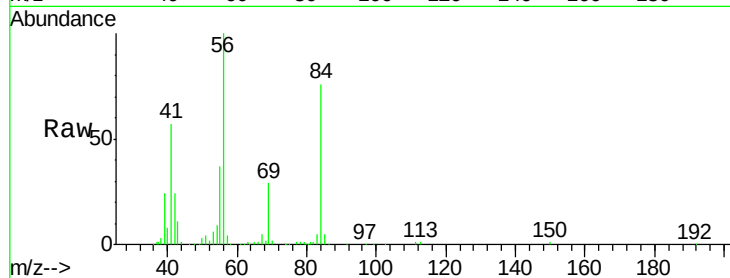
Tot Ion: 56 Resp: 79968

Ion Ratio Lower Upper

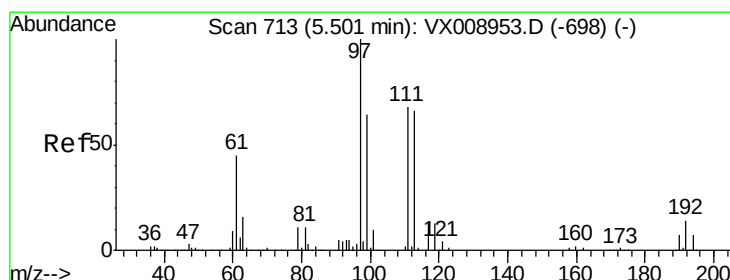
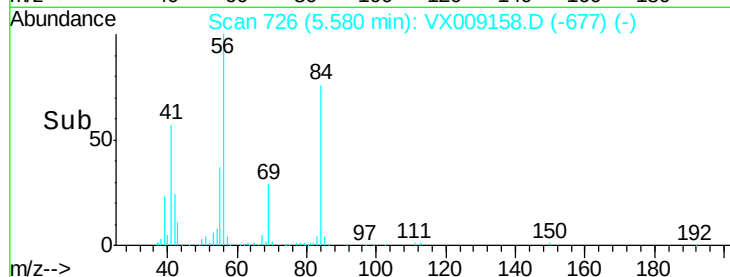
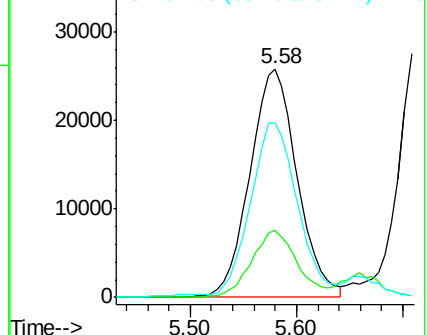
56 100

69 29.3 23.3 34.9

84 75.1 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 18.321 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

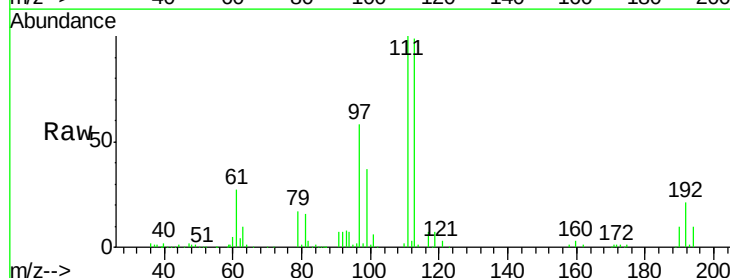
Tgt Ion: 97 Resp: 60112

Ion Ratio Lower Upper

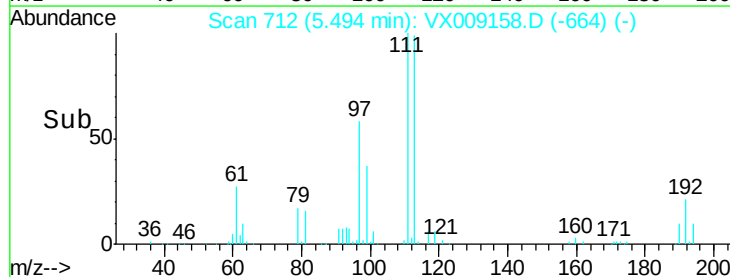
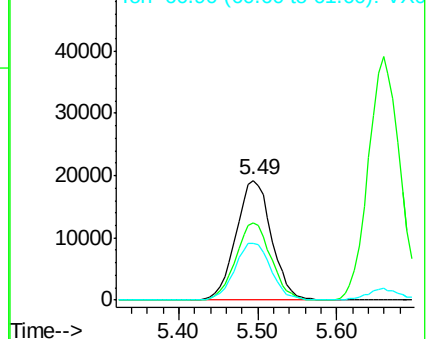
97 100

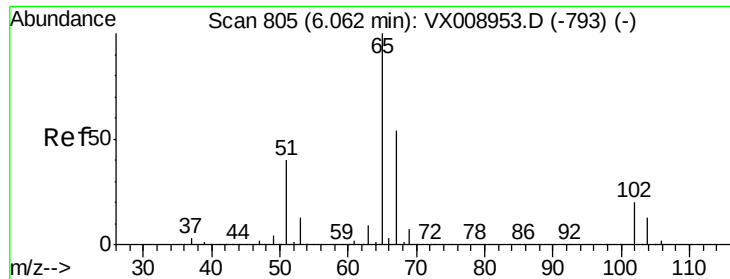
99 63.9 51.6 77.4

61 48.5 37.9 56.9



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

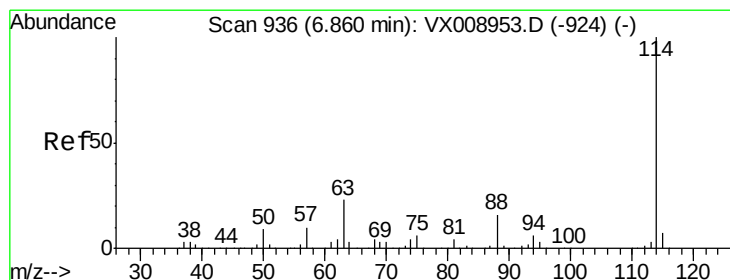
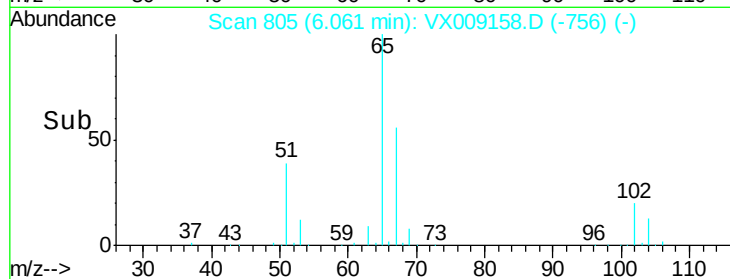
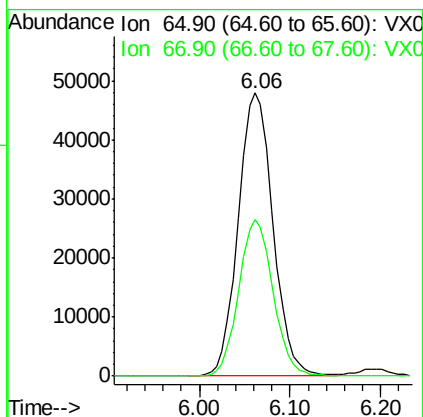
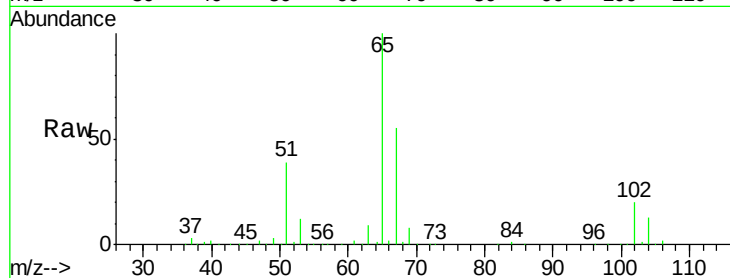




#33
 1,2-Dichloroethane-d4
 Concen: 46.560 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

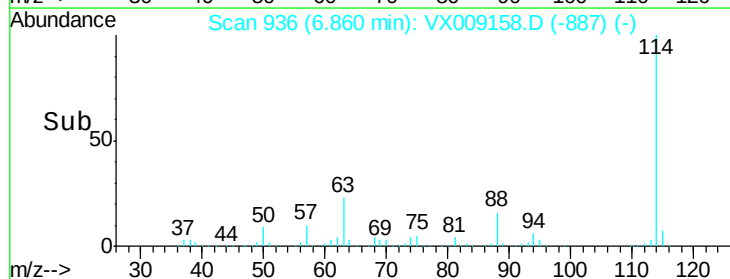
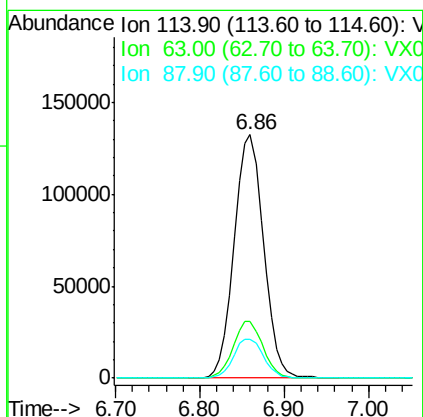
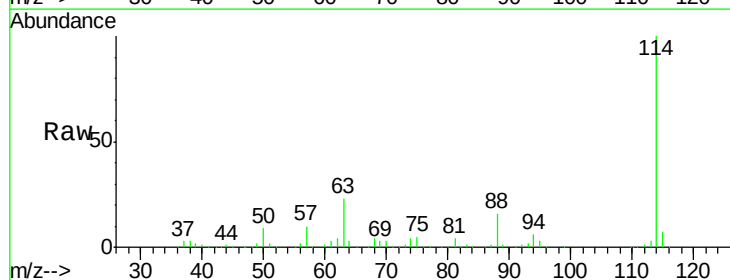
Instrument :
 MSVOA_X
 ClientSampled :

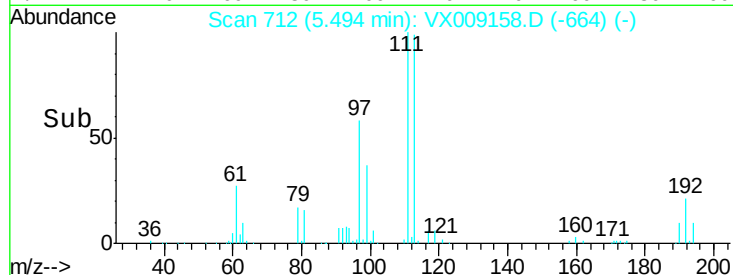
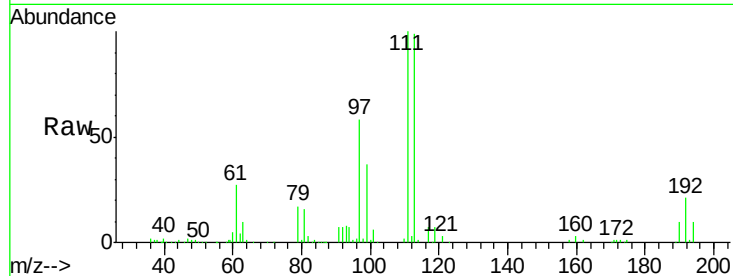
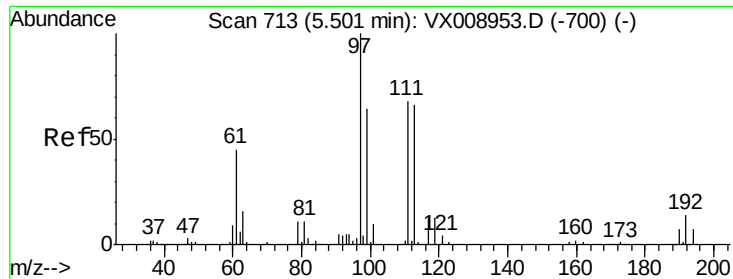
Tot Ion: 65 Resp: 127194
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 114 Resp: 312807
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.1 0.0 32.6

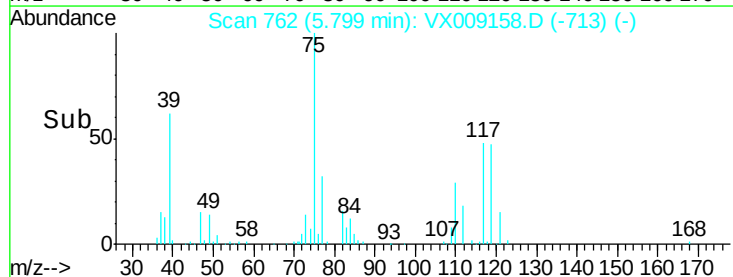
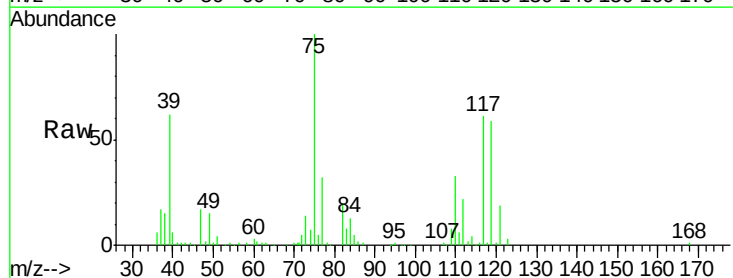
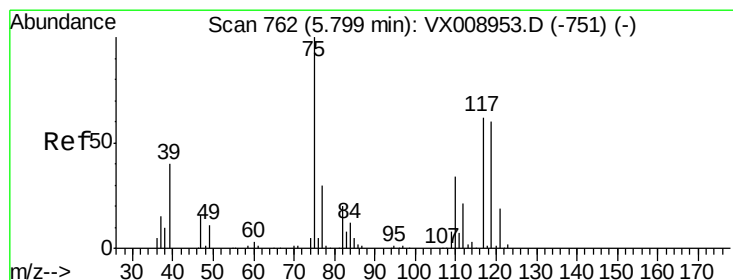
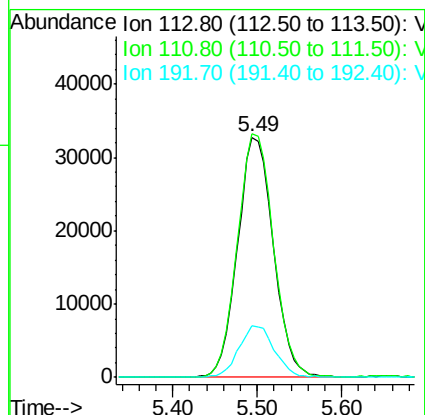




#35
Dibromofluoromethane
Concen: 46.919 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

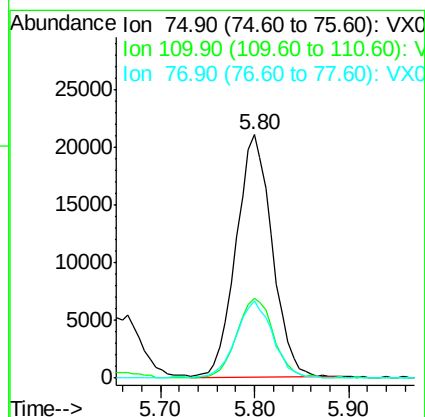
Instrument :
MSVOA_X
ClientSampleId :

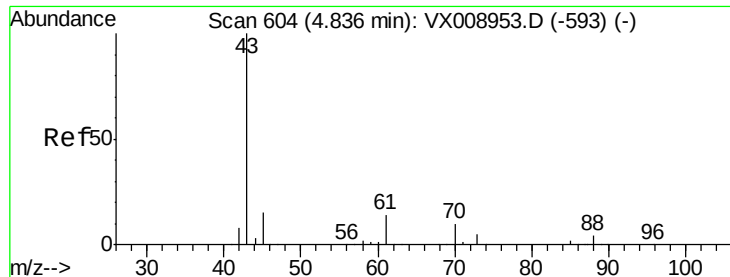
Tot Ion:113 Resp: 94190
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 21.3 17.4 26.0



#36
1,1-Dichloropropene
Concen: 17.408 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 75 Resp: 56316
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 31.9 25.0 37.4

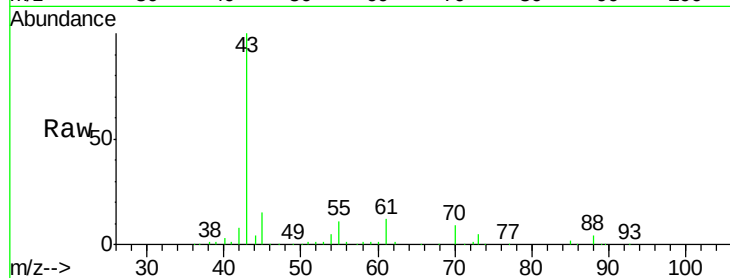




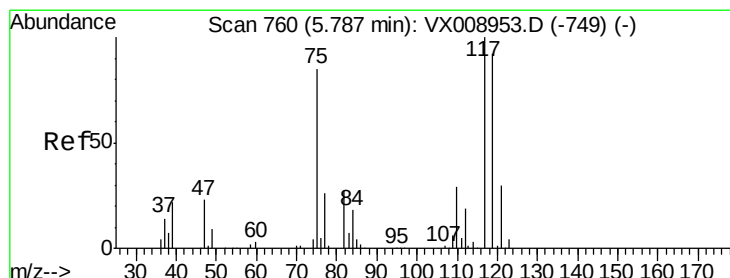
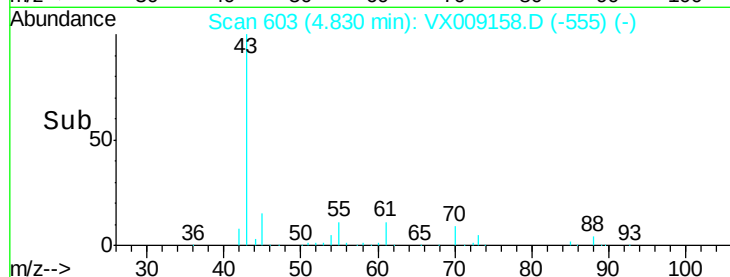
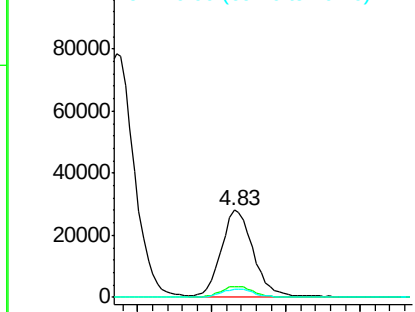
#37
Ethyl Acetate
Concen: 20.232 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 84221
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 9.8 7.7 11.5

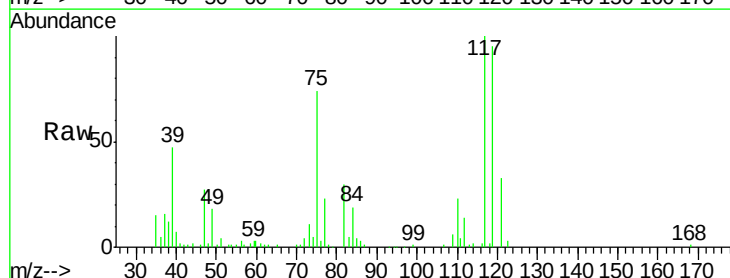


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

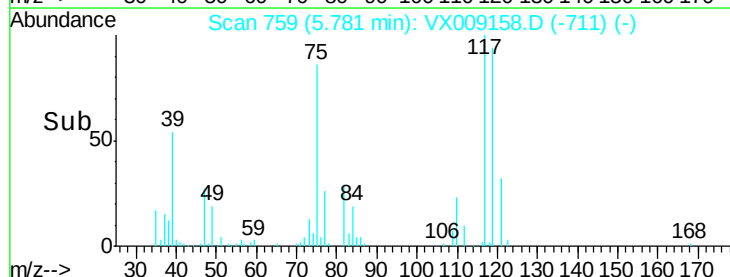
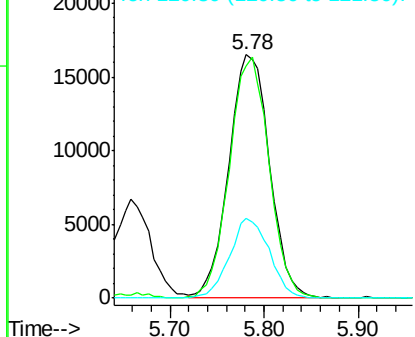


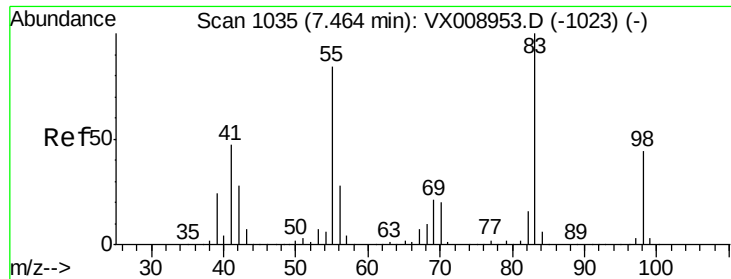
#38
Carbon Tetrachloride
Concen: 18.204 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 117 Resp: 49927
Ion Ratio Lower Upper
117 100
119 95.0 73.8 110.8
121 32.8 23.6 35.4



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

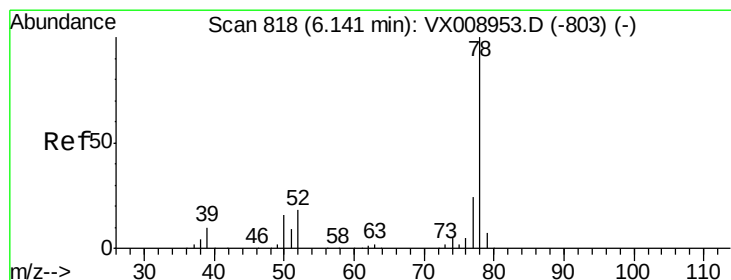
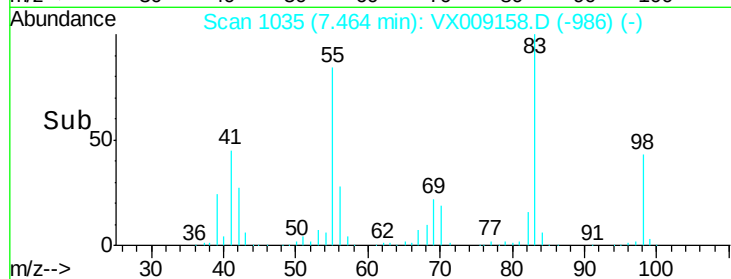
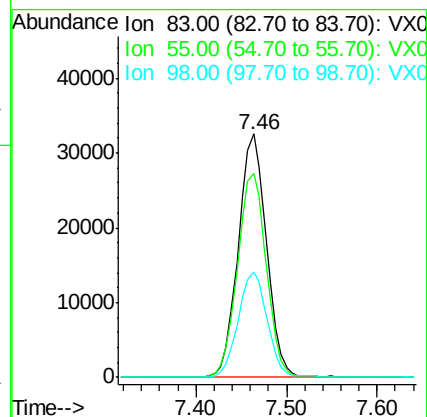
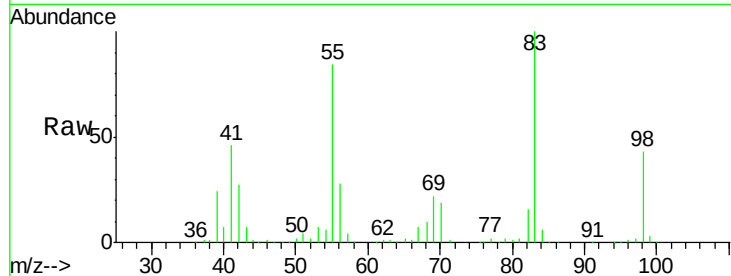




#39
Methylvlcyclohexane
Concen: 17.896 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

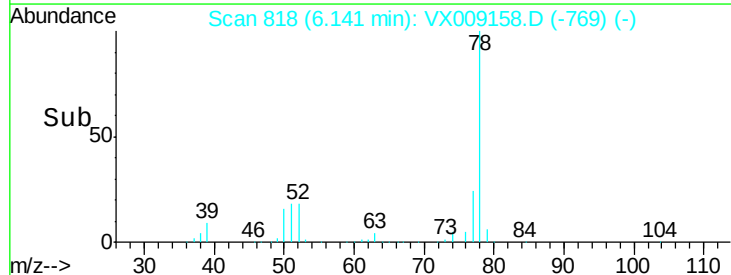
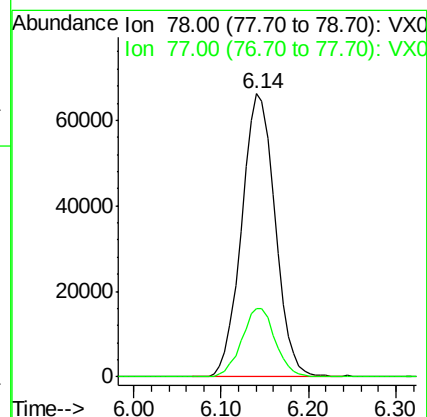
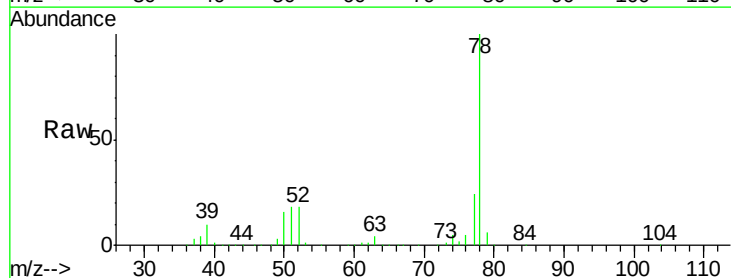
Instrument :
MSVOA_X
ClientSampled :

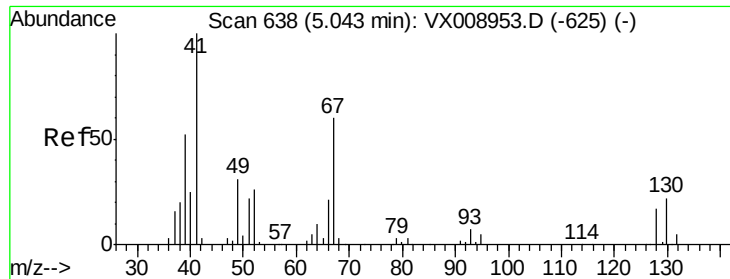
Tot Ion: 83 Resp: 70489
Ion Ratio Lower Upper
83 100
55 83.7 67.1 100.7
98 43.1 35.1 52.7



#40
Benzene
Concen: 18.478 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 78 Resp: 176347
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

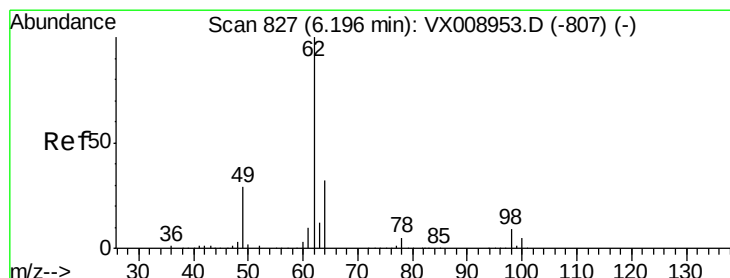
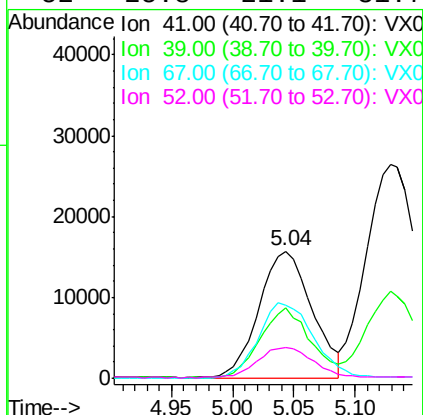
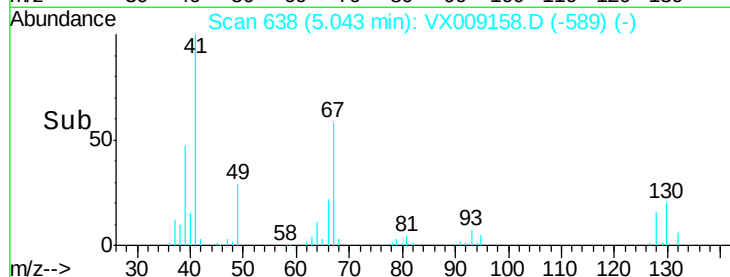
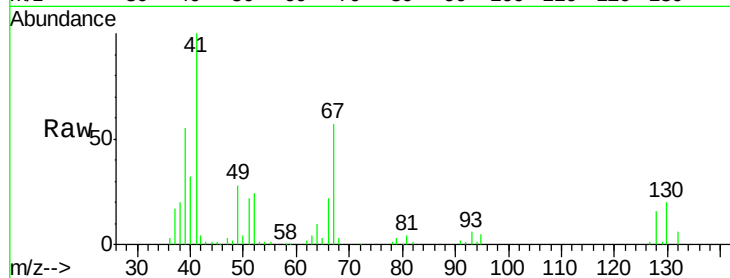




#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

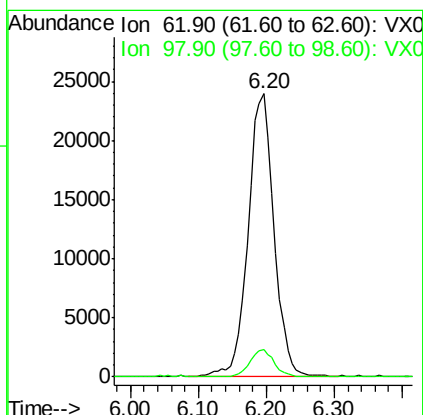
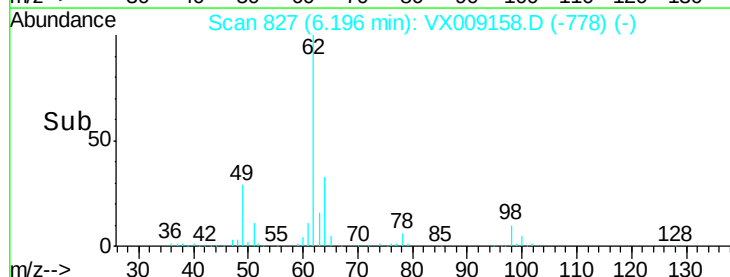
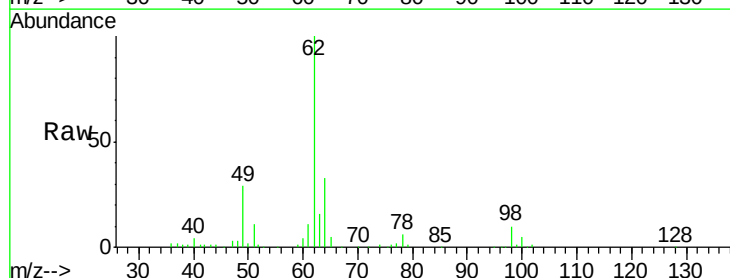
Instrument :
MSVOA_X
ClientSampleId :

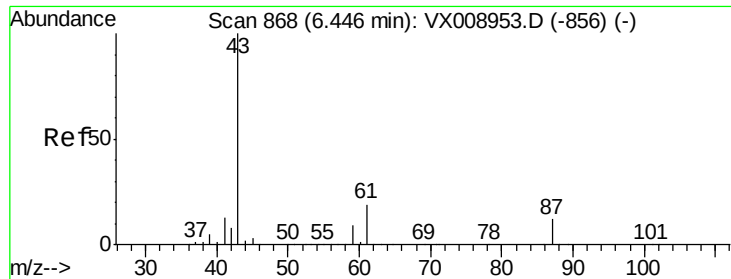
Tot Ion:	41	Resp:	47174
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.8	62.6
67	62.8	50.2	75.4
52	25.8	21.1	31.7



#42
1,2-Dichloroethane
Concen: 18.676 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion:	62	Resp:	63140
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.206 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

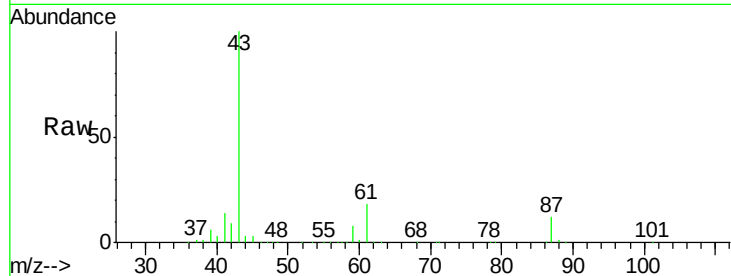
Tot Ion: 43 Resp: 128843

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

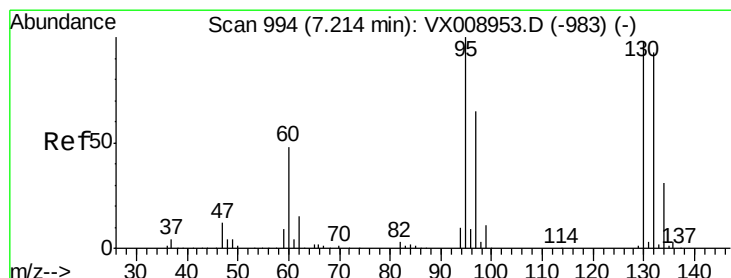
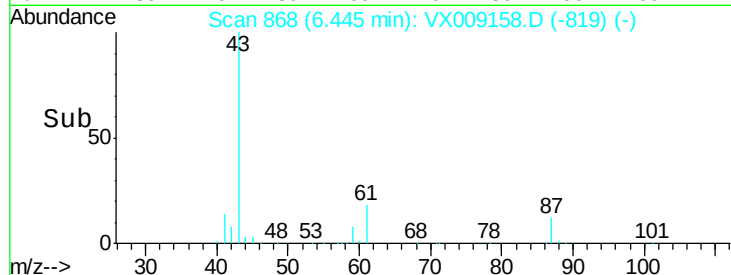
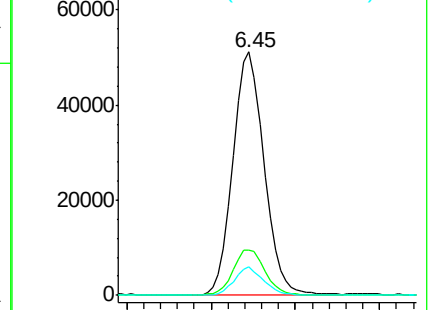
87 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.583 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009158.D

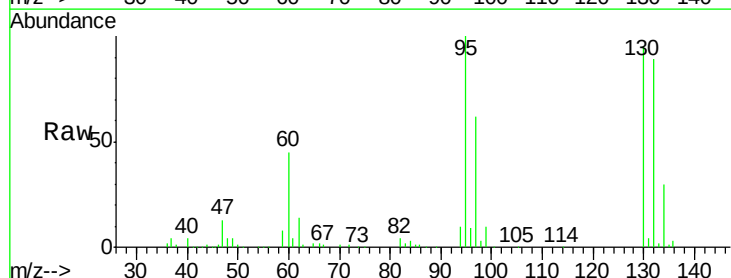
Acq: 25 Apr 2019 13:35

Tgt Ion:130 Resp: 41116

Ion Ratio Lower Upper

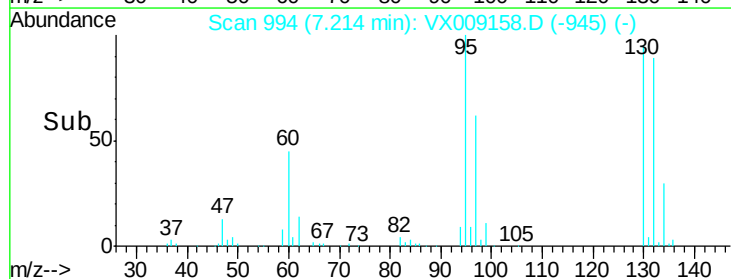
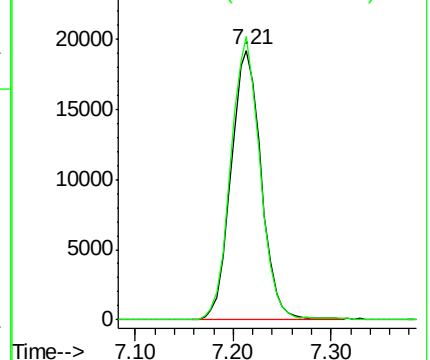
130 100

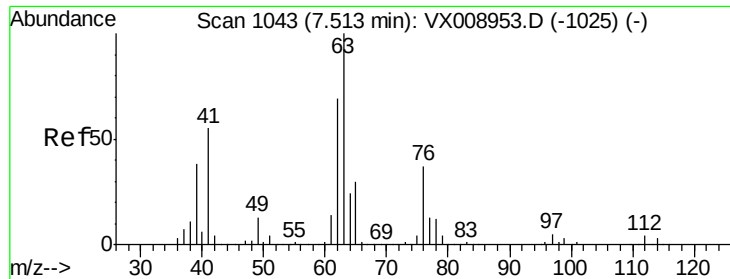
95 105.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

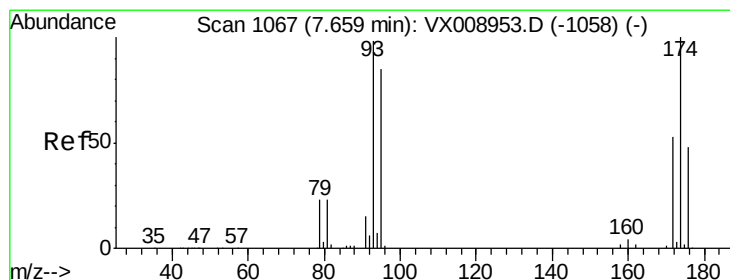
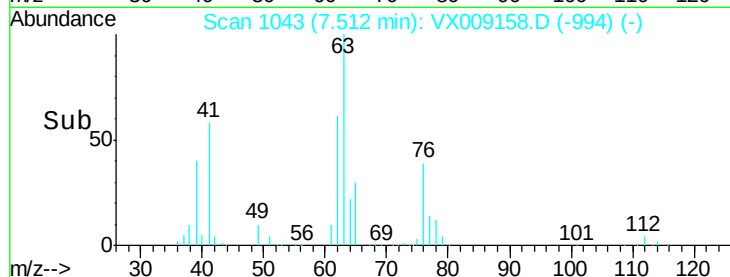
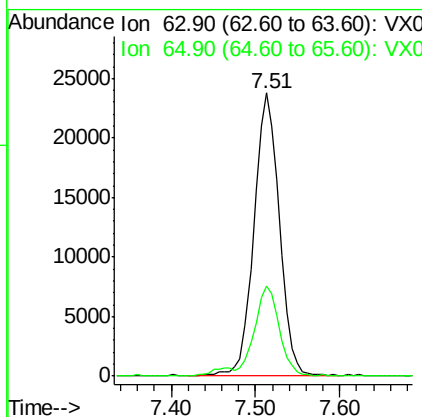
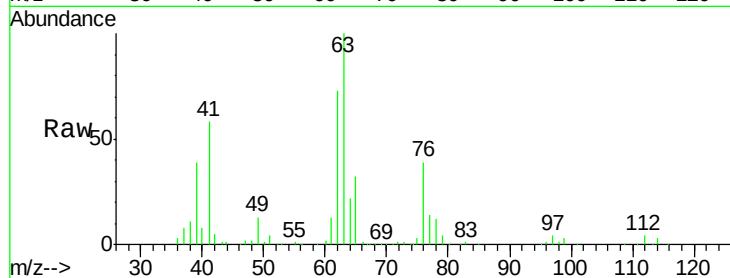




#45
 1,2-Dichloropropane
 Concen: 18.502 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

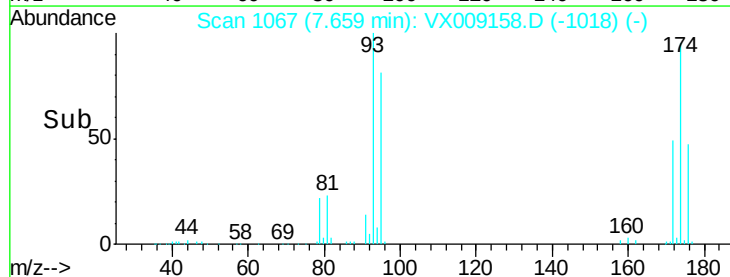
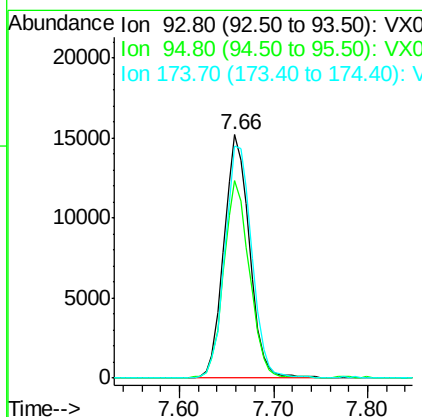
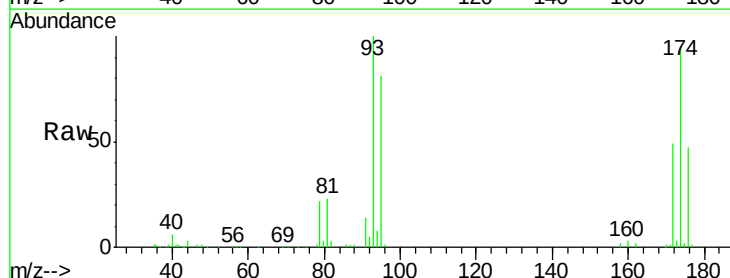
Instrument :
 MSVOA_X
 ClientSampled :

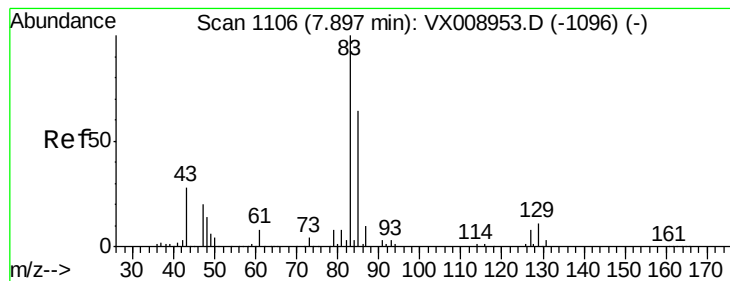
Tot Ion: 63 Resp: 48987
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.1 36.1



#46
 Dibromomethane
 Concen: 18.613 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 93 Resp: 28680
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.4
 174 100.2 81.6 122.4





#47

Bromodichloromethane

Concen: 18.425 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampleId :

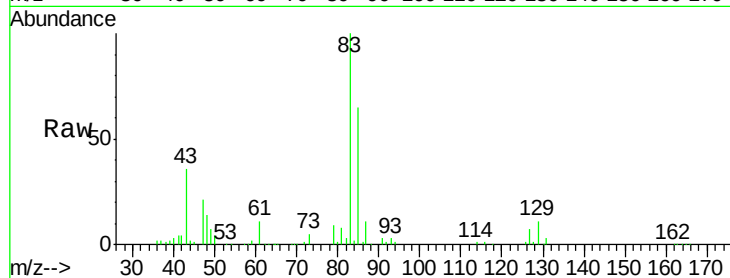
Tot Ion: 83 Resp: 55686

Ion Ratio Lower Upper

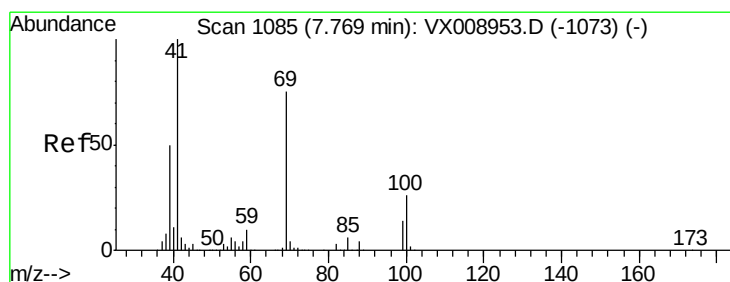
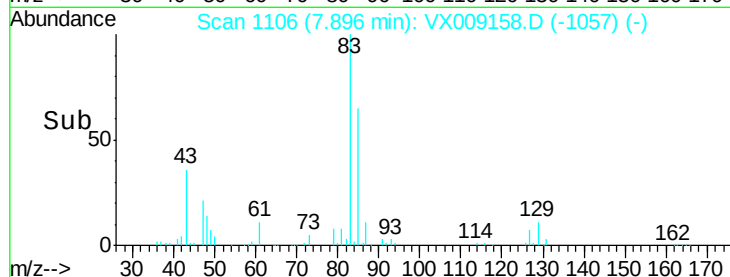
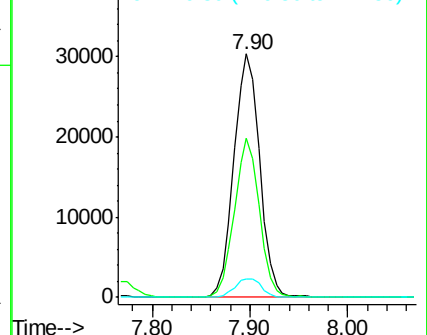
83 100

85 65.5 50.8 76.2

127 7.4 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: 19.268 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

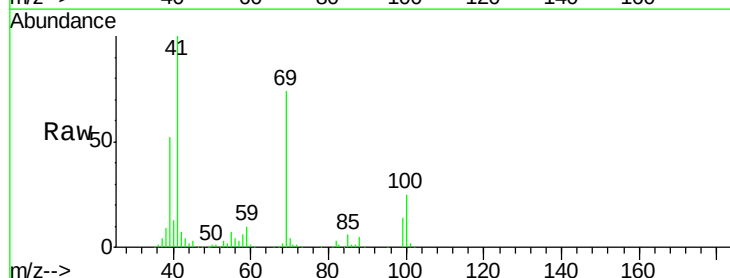
Tgt Ion: 41 Resp: 63868

Ion Ratio Lower Upper

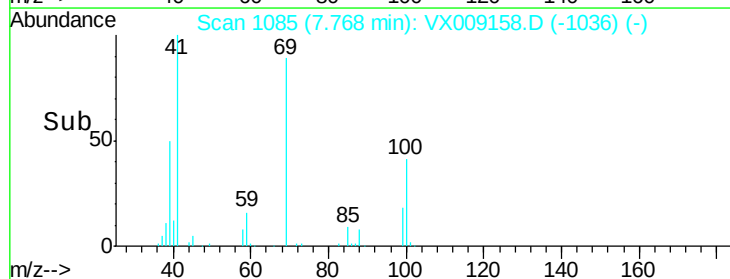
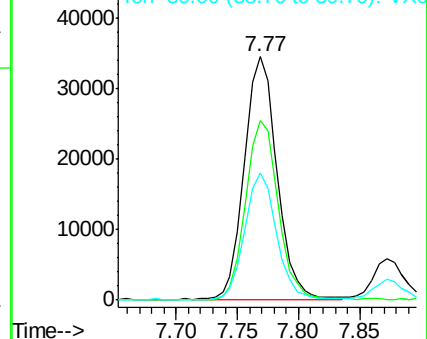
41 100

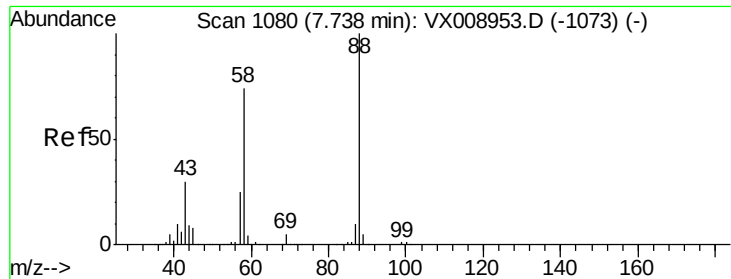
69 74.1 59.4 89.2

39 50.9 39.8 59.6



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

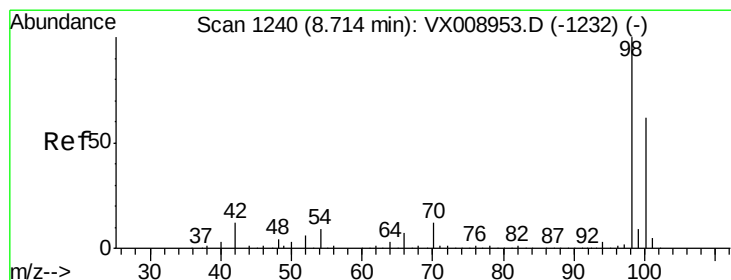
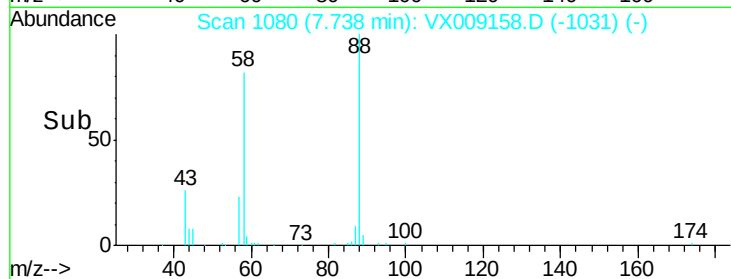
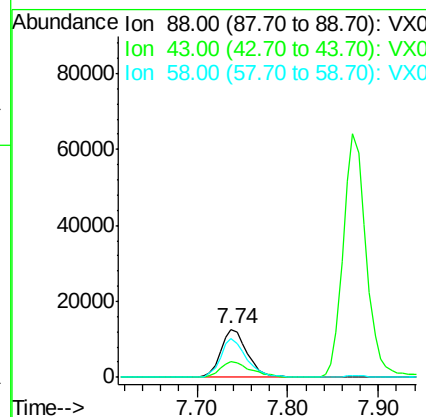
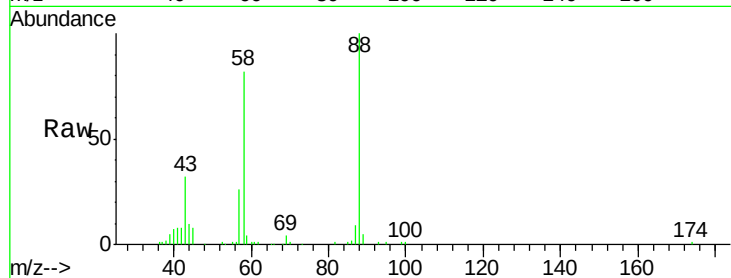




#49
1,4-Dioxane
Concen: 417.676 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

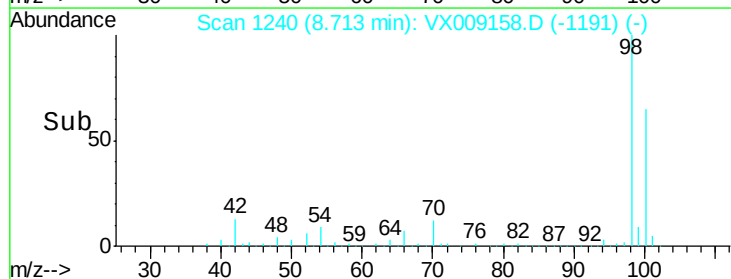
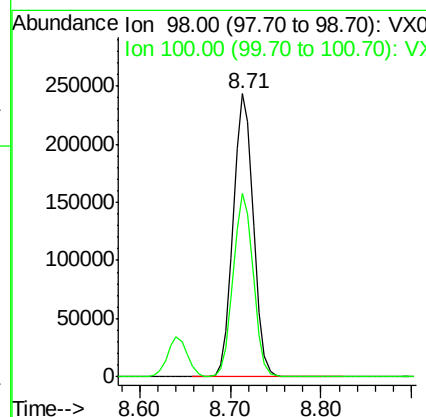
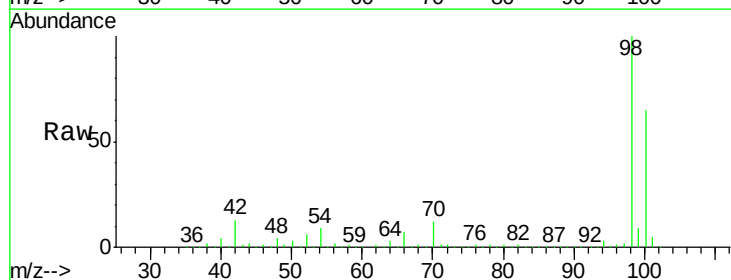
Instrument :
MSVOA_X
ClientSampleId :

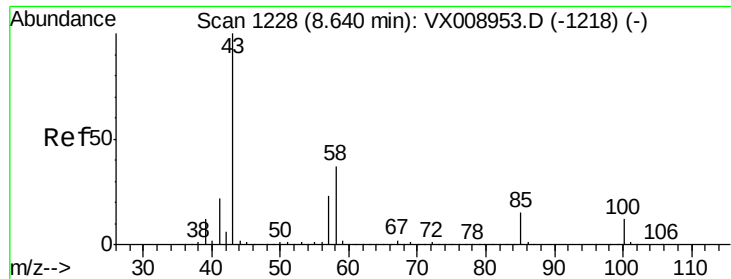
Tot Ion: 88 Resp: 25913
Ion Ratio Lower Upper
88 100
43 36.7 29.3 43.9
58 79.6 62.6 93.8



#50
Toluene-d8
Concen: 46.656 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 98 Resp: 373532
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 101.698 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

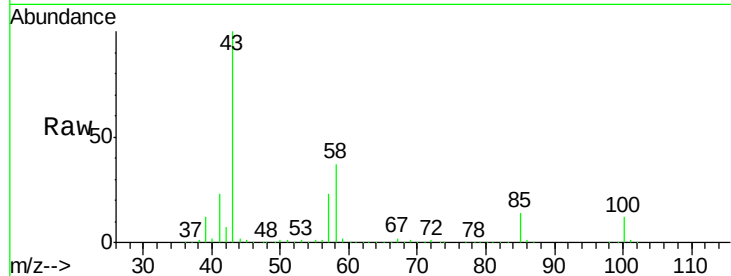
ClientSampleId :

Tot Ion: 43 Resp: 434636

Ion Ratio Lower Upper

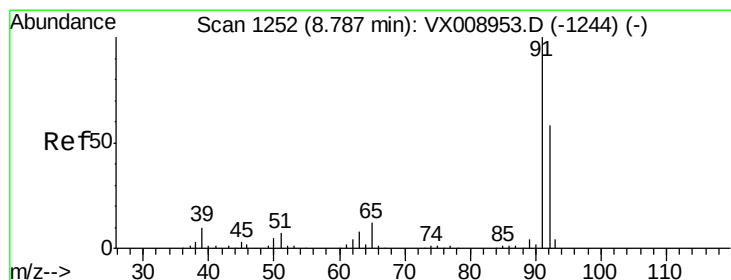
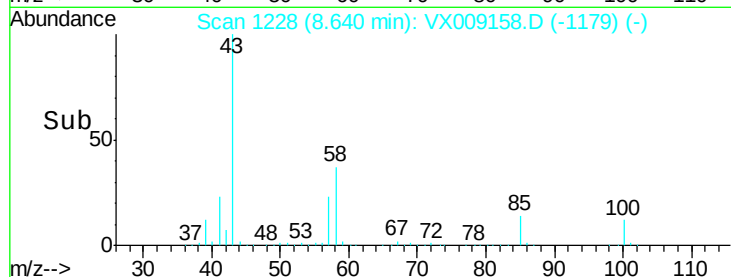
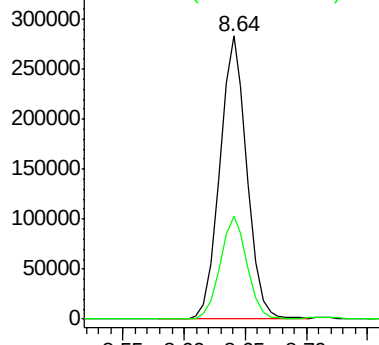
43 100

58 36.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.646 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009158.D

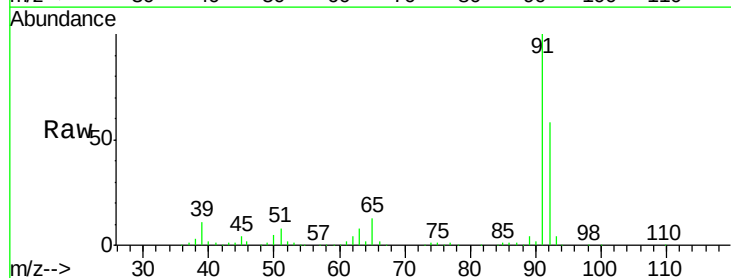
Acq: 25 Apr 2019 13:35

Tgt Ion: 92 Resp: 106650

Ion Ratio Lower Upper

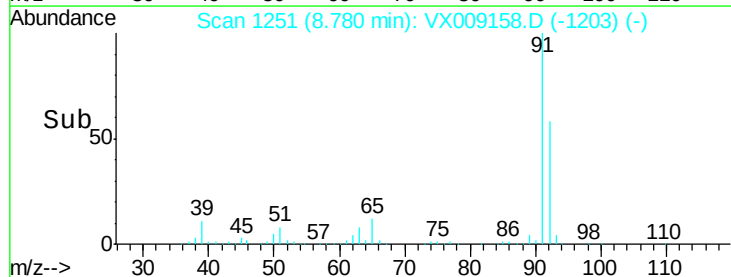
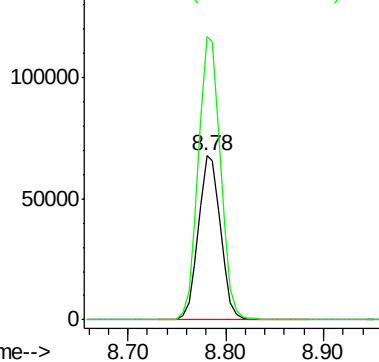
92 100

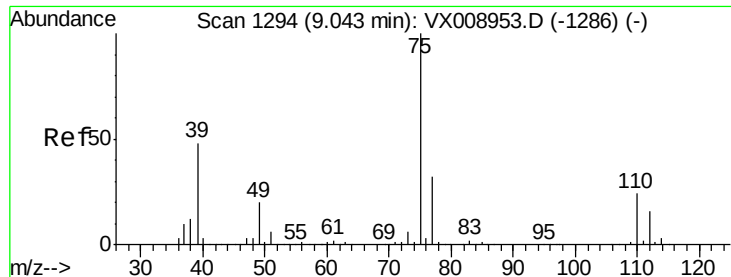
91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

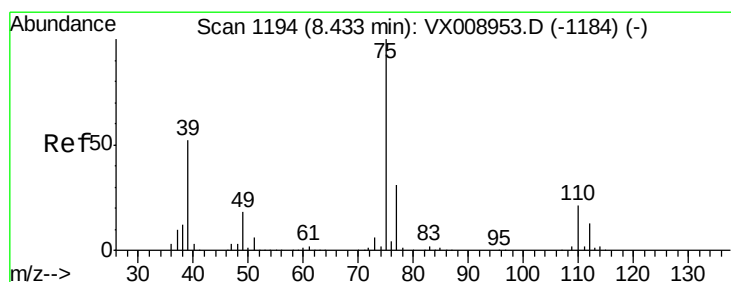
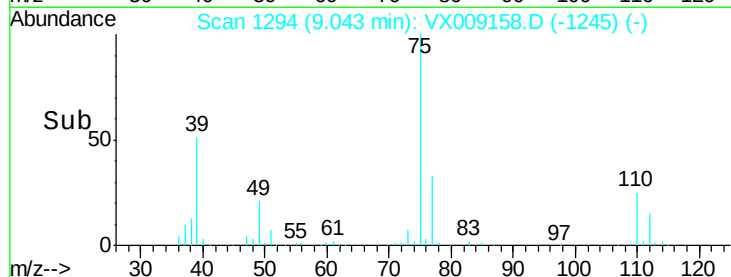
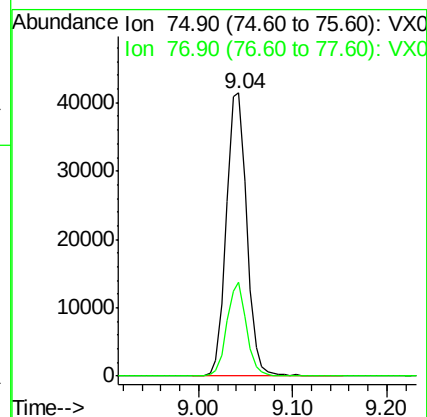
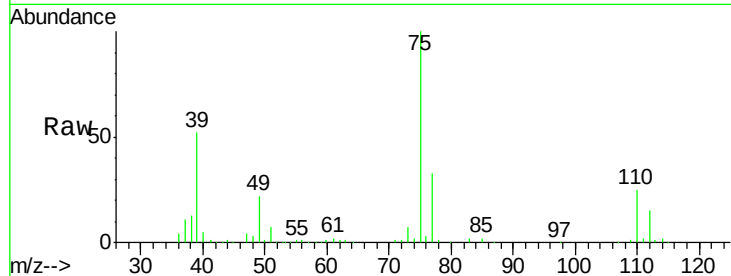




#53
t-1,3-Dichloropropene
Concen: 17.961 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

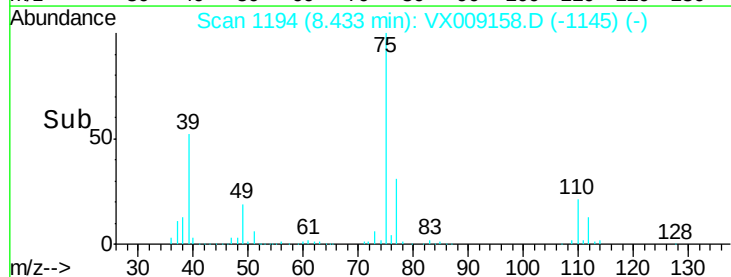
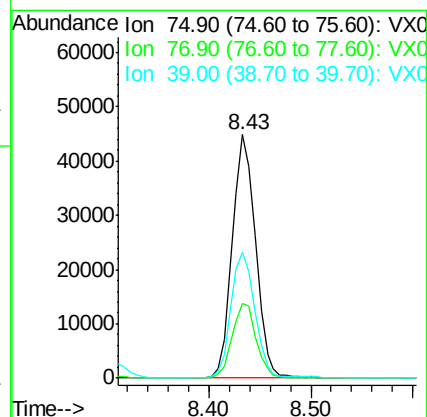
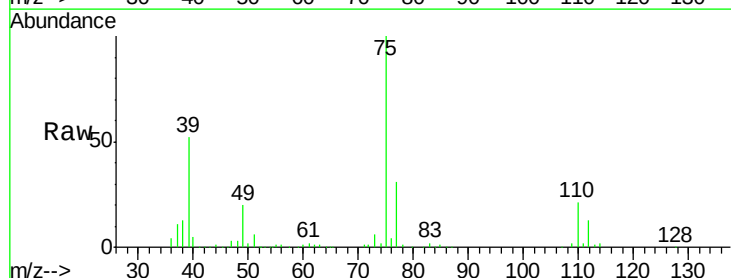
Instrument :
MSVOA_X
ClientSampled :

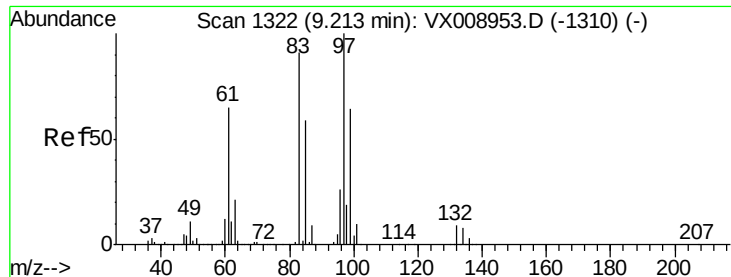
Tot Ion: 75 Resp: 62472
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.196 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 75 Resp: 70866
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 51.6 41.8 62.6



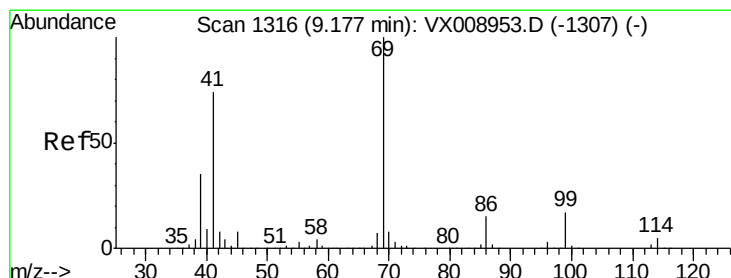
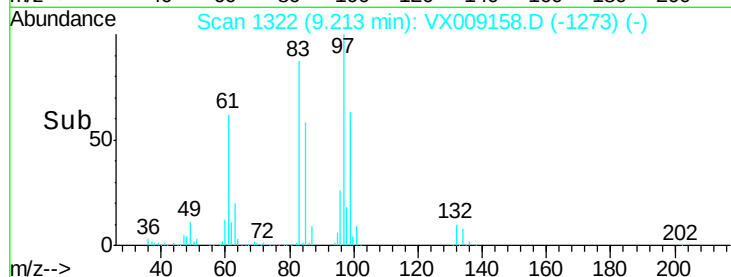
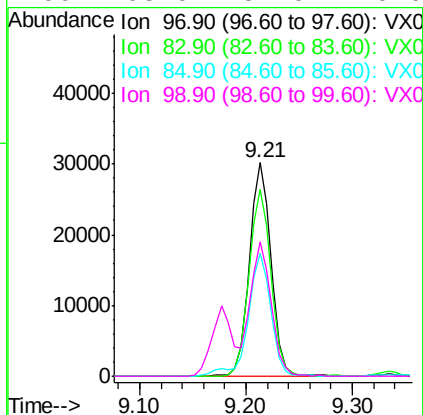
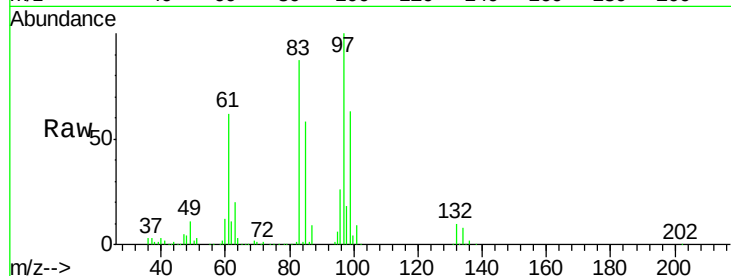


#55
 1,1,2-Trichloroethane
 Concen: 19.011 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 43096

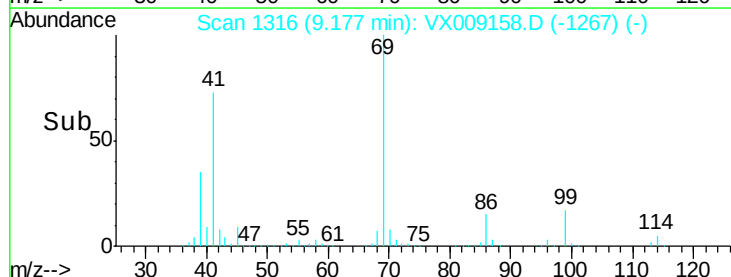
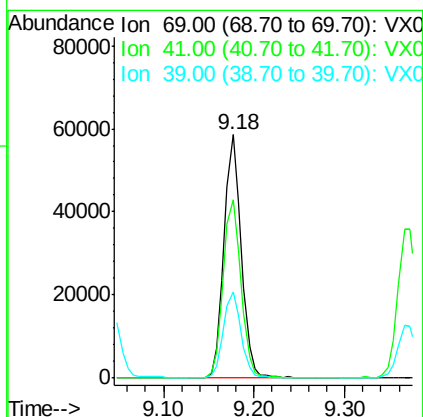
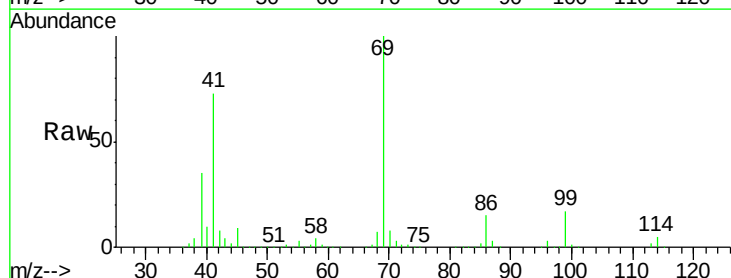
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.6	108.8
85	57.8	46.9	70.3
99	63.0	51.0	76.6

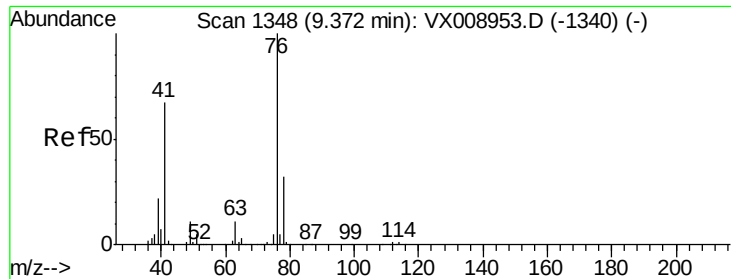


#56
 Ethyl methacrylate
 Concen: 19.316 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 69 Resp: 78513

Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.2	90.2
39	36.7	27.9	41.9

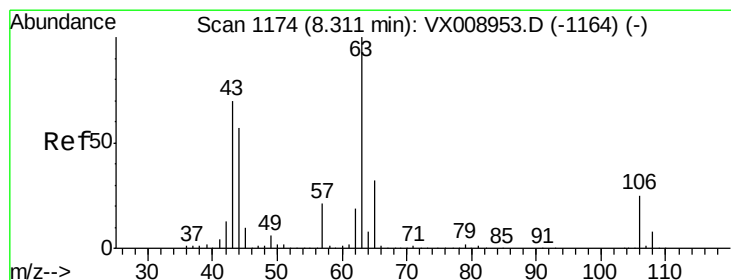
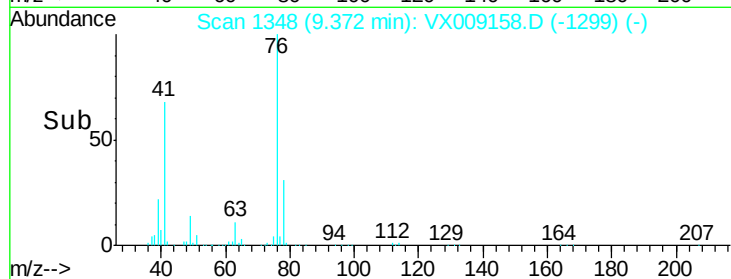
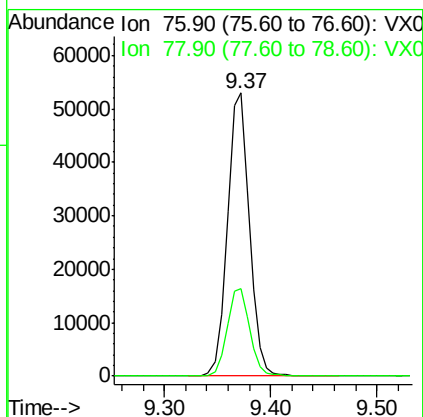
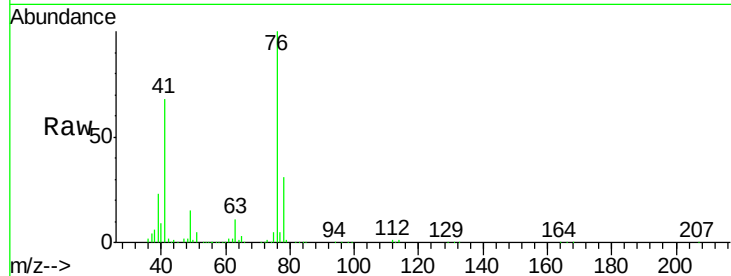




#57
 1,3-Dichloropropane
 Concen: 18.980 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

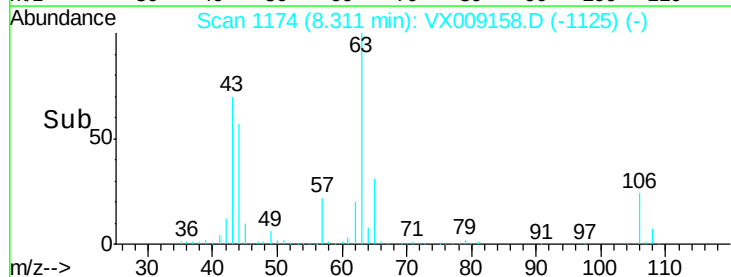
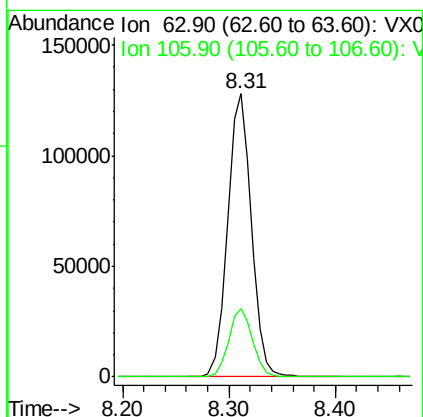
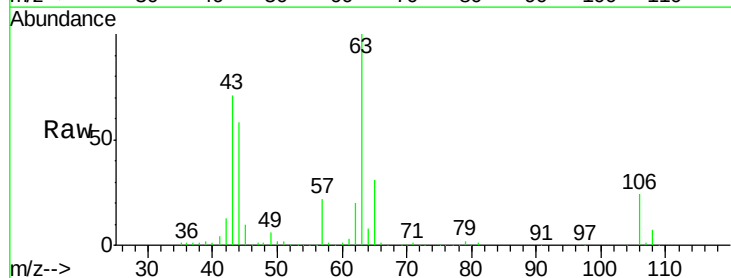
Instrument :
 MSVOA_X
 ClientSampled :

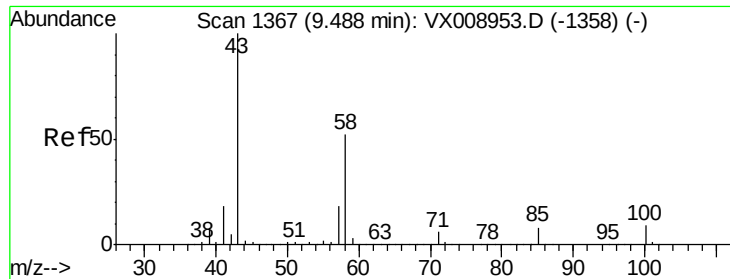
Tot Ion: 76 Resp: 76608
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.317 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 63 Resp: 199882
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.6

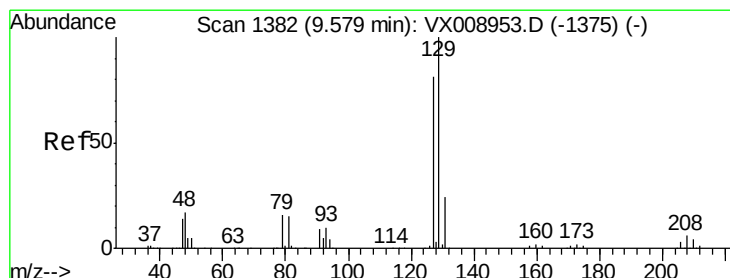
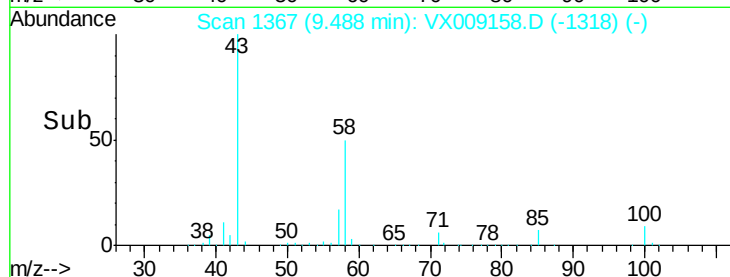
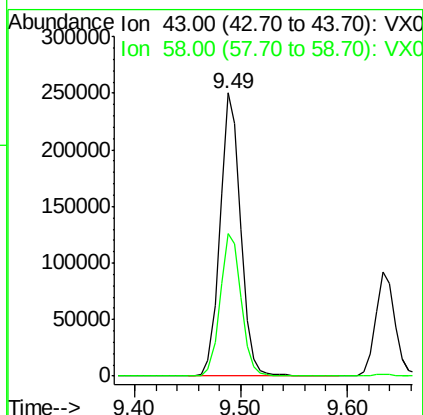
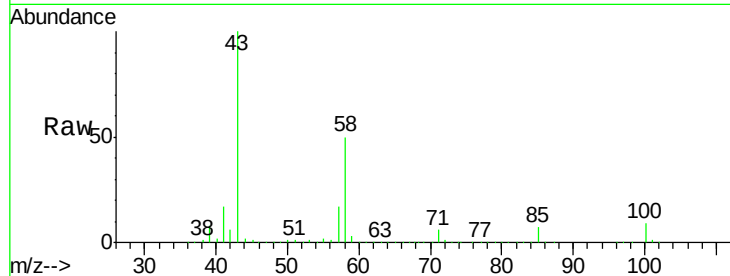




#59
2-Hexanone
Concen: 102.284 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

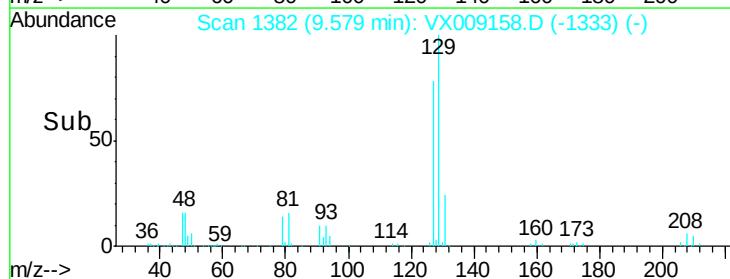
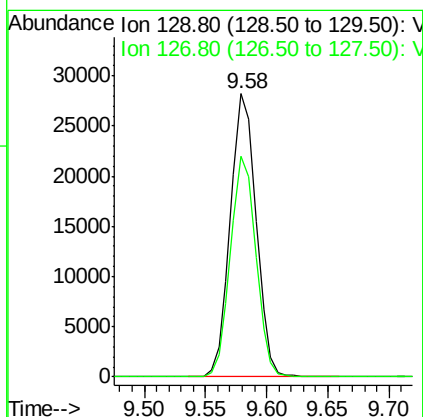
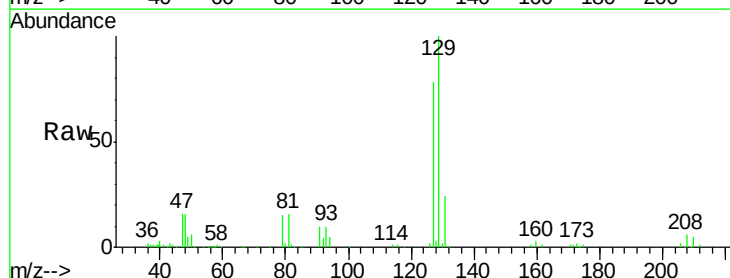
Instrument :
MSVOA_X
ClientSampleId :

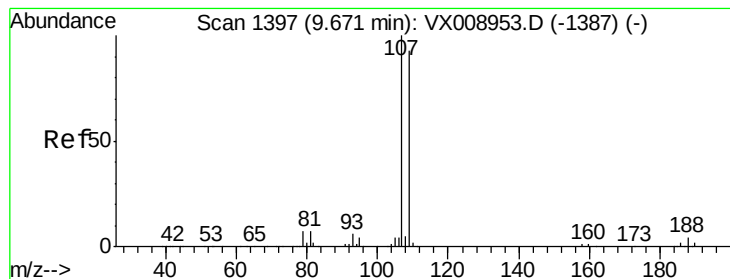
Tot Ion: 43 Resp: 337026
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 18.891 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion:129 Resp: 41043
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.631 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

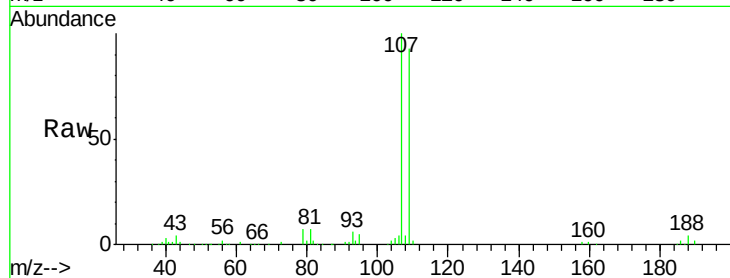
ClientSampleId :

Tot Ion:107 Resp: 43591

Ion Ratio Lower Upper

107 100

109 93.3 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

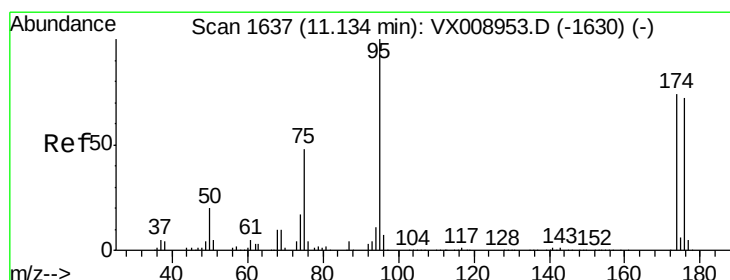
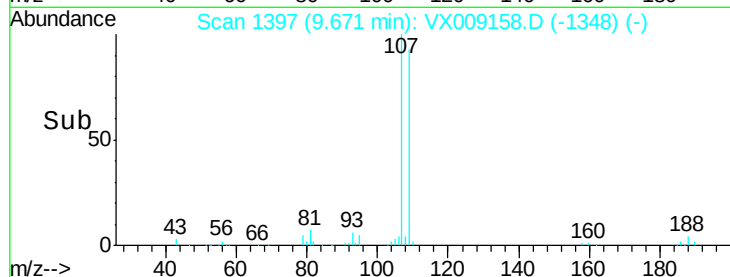
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

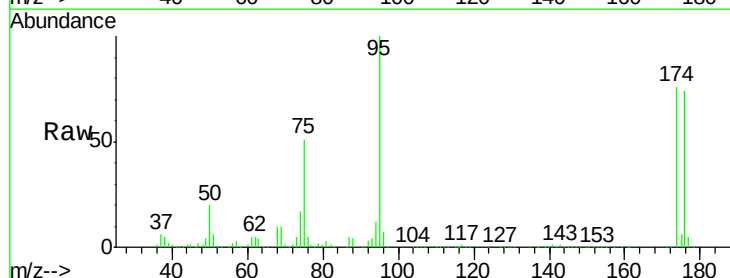
Tgt Ion: 95 Resp: 134042

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.6

176 77.7 0.0 154.8



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

150000

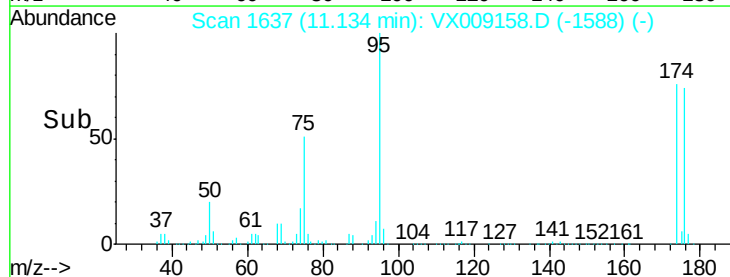
100000

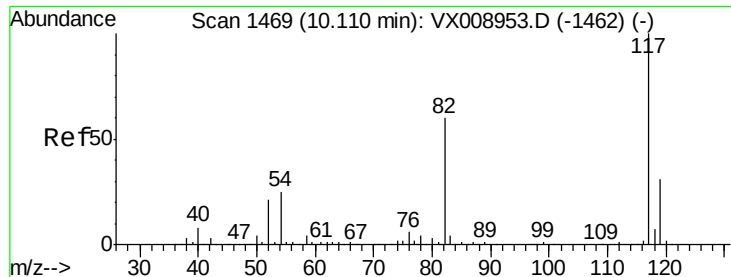
50000

0

Time-->

11.05 11.10 11.15 11.20

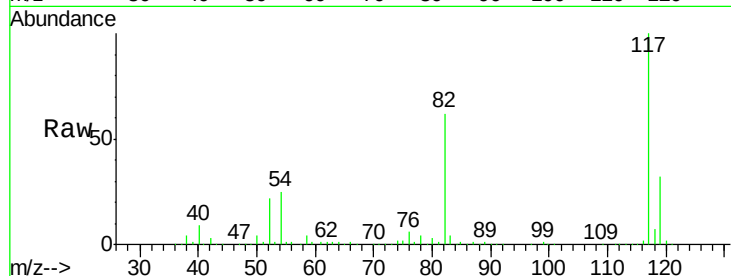




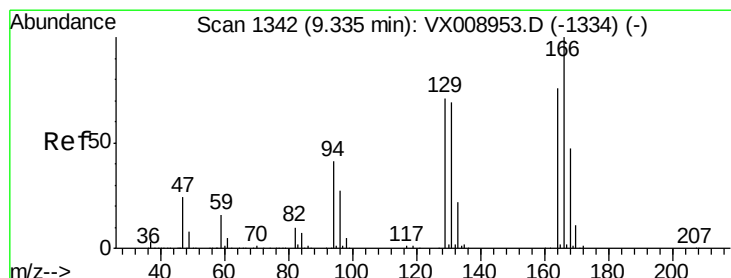
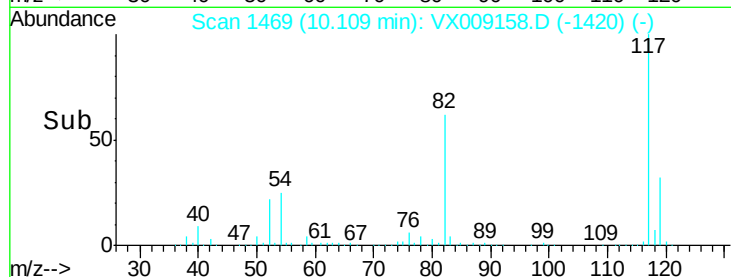
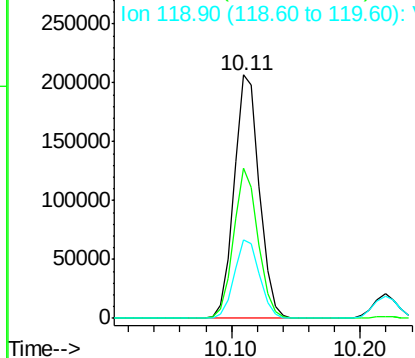
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 280904
Ion Ratio Lower Upper
117 100
82 61.8 48.2 72.4
119 32.0 25.0 37.6

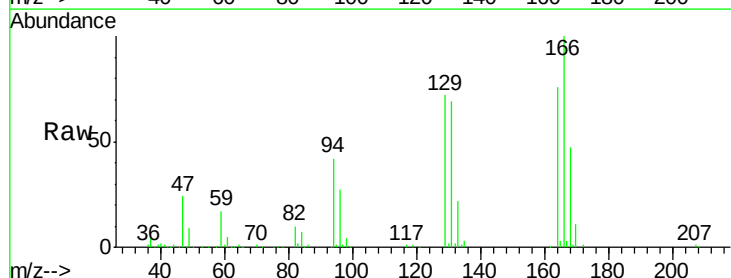


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

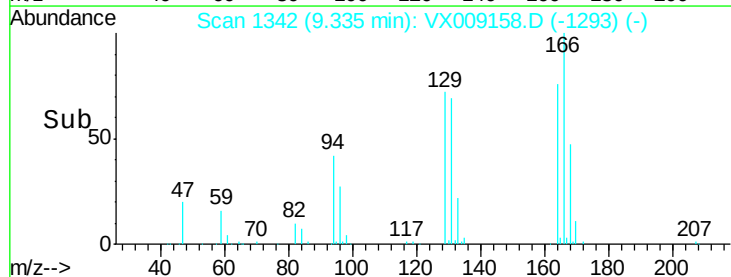
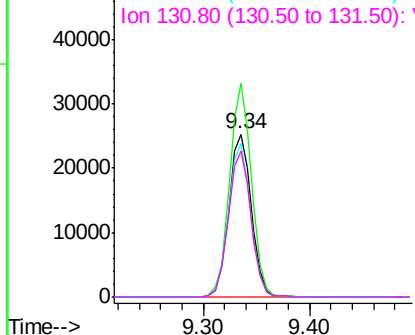


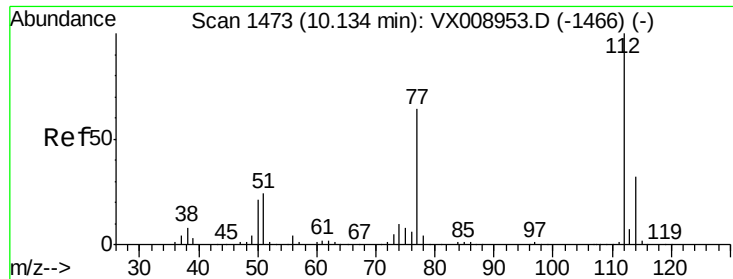
#64
Tetrachloroethene
Concen: 17.540 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion:164 Resp: 37430
Ion Ratio Lower Upper
164 100
166 131.0 105.0 157.4
129 94.6 74.2 111.4
131 89.9 72.2 108.2



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

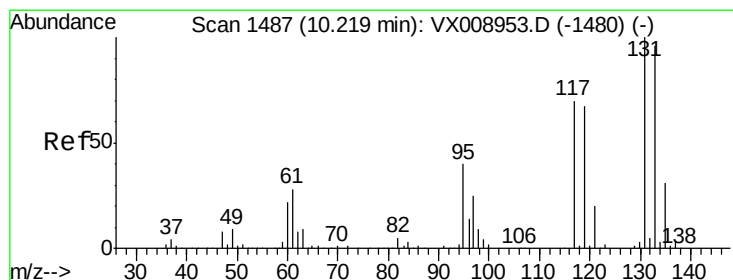
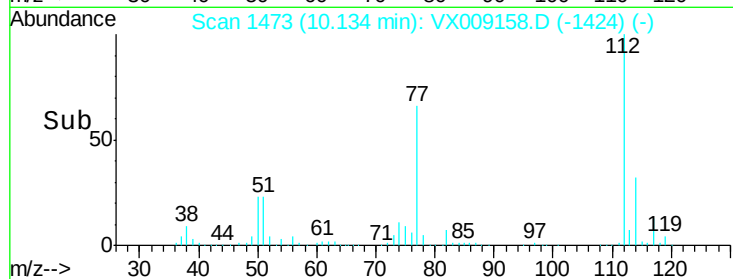
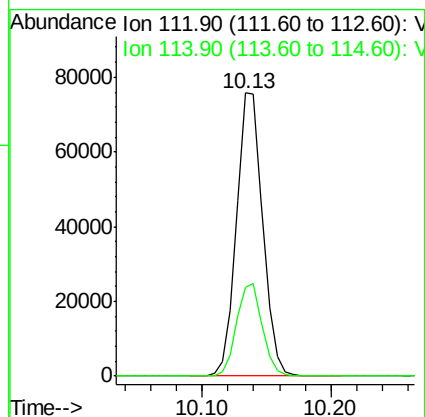
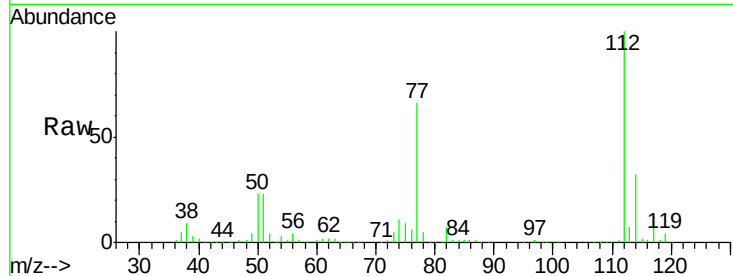




#65
Chlorobenzene
Concen: 18.172 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

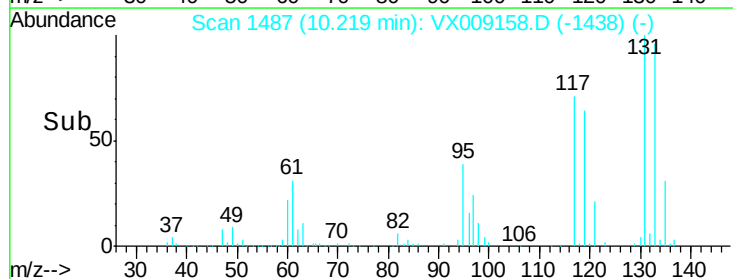
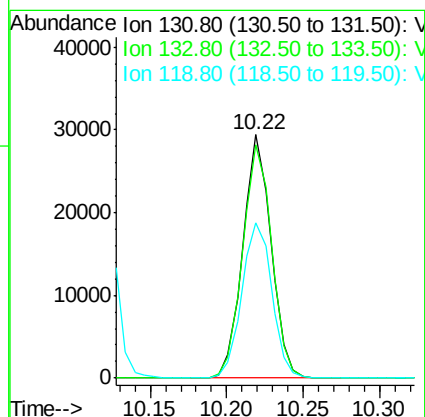
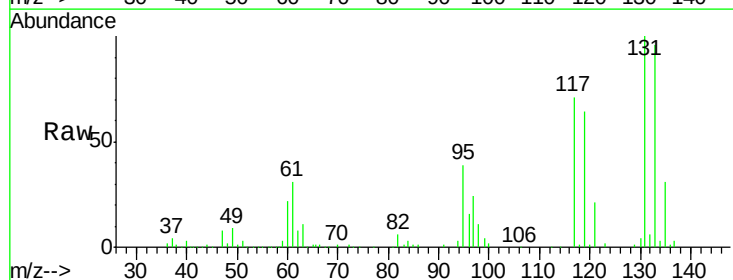
Instrument :
MSVOA_X
ClientSampleId :

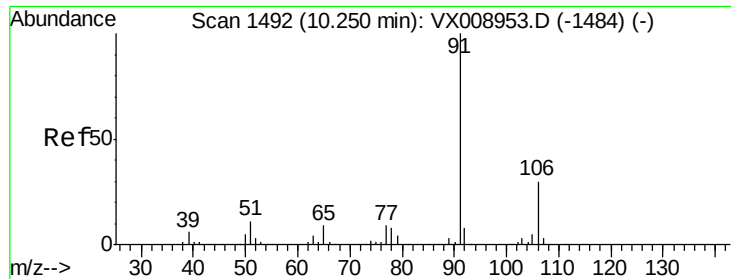
Tot Ion:112 Resp: 107744
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.070 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion:131 Resp: 37743
Ion Ratio Lower Upper
131 100
133 98.6 48.0 144.2
119 67.9 33.7 101.1

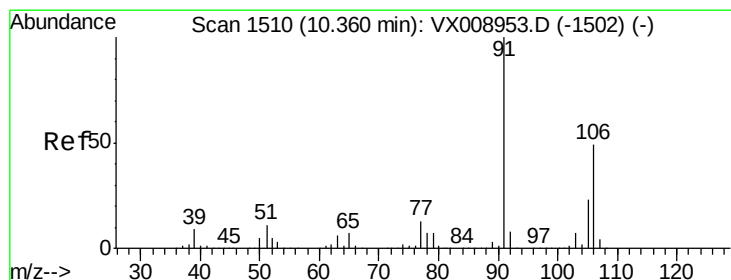
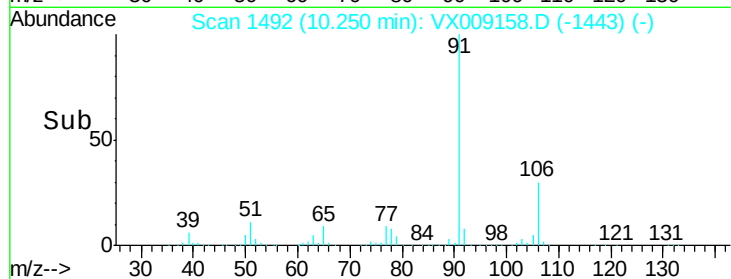
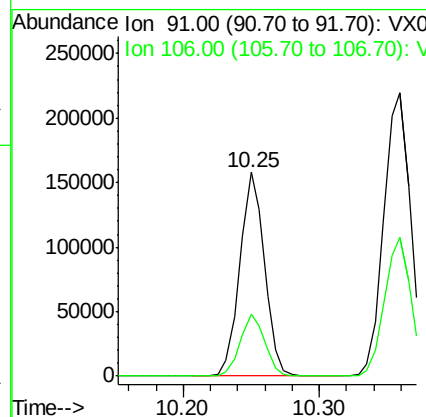
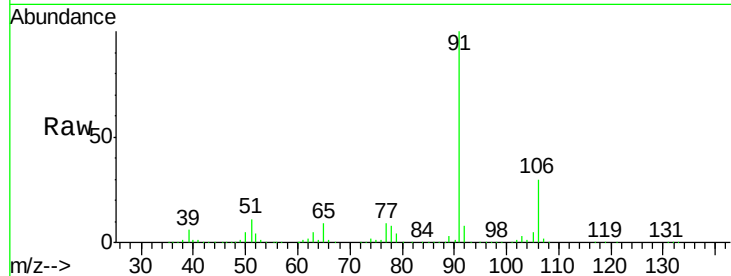




#67
Ethyl Benzene
Concen: 18.440 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

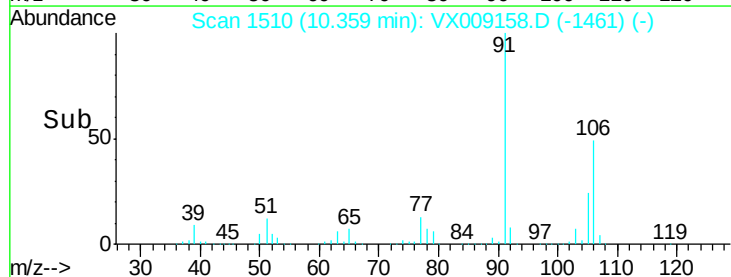
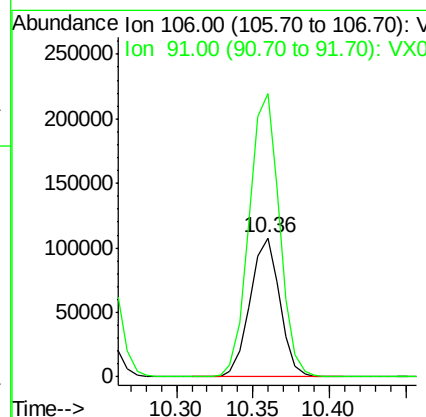
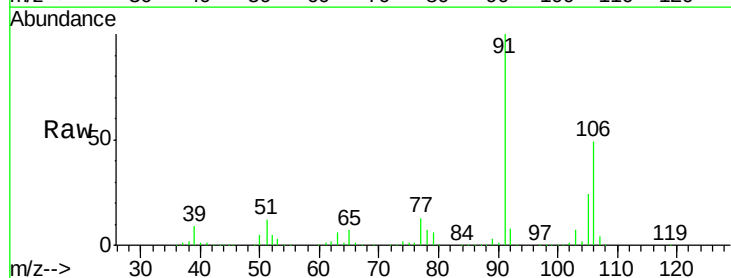
Instrument :
MSVOA_X
ClientSampled :

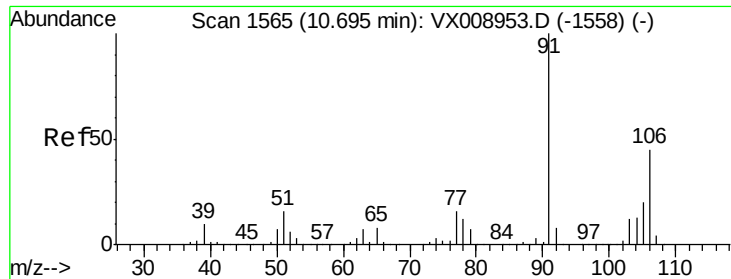
Tot Ion: 91 Resp: 199861
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 36.982 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 106 Resp: 145673
Ion Ratio Lower Upper
106 100
91 207.6 165.4 248.2

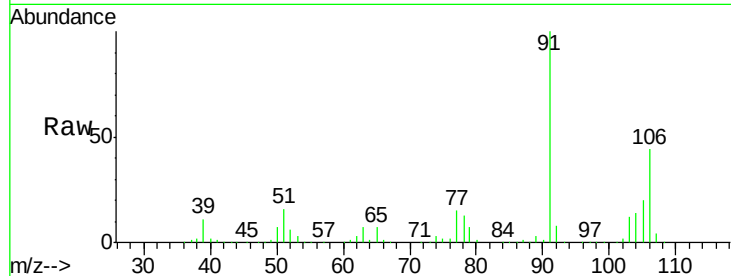




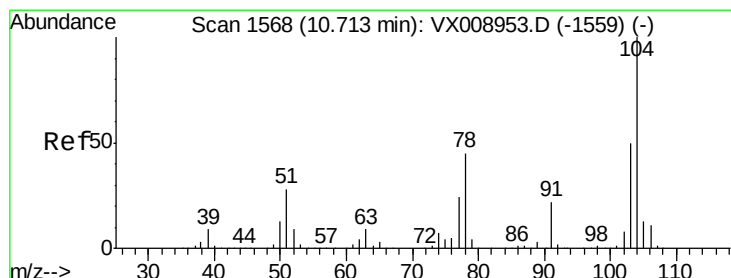
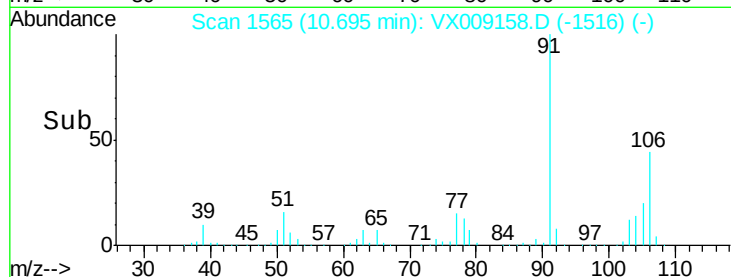
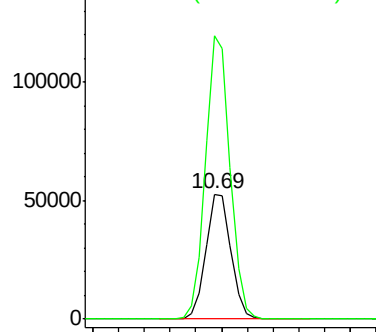
#69
o-Xylene
Concen: 18.658 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 71510
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.7

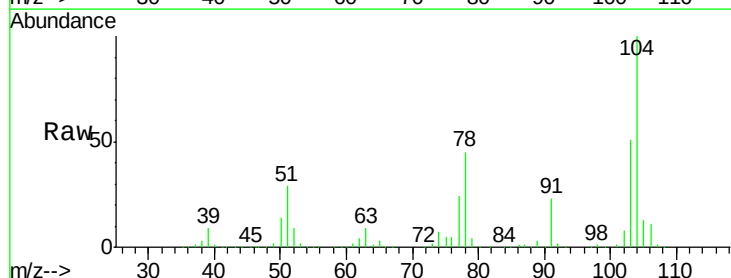


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

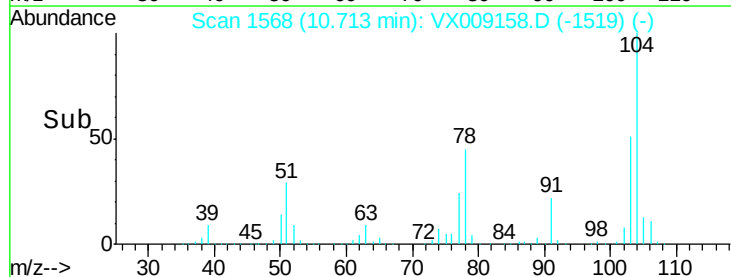
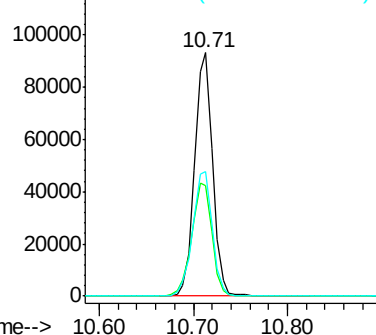


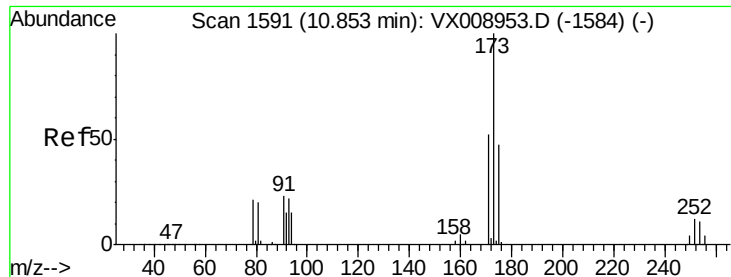
#70
Styrene
Concen: 18.573 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion:104 Resp: 123357
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 55.9 43.9 65.9



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





#71

Bromoform

Concen: 18.008 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

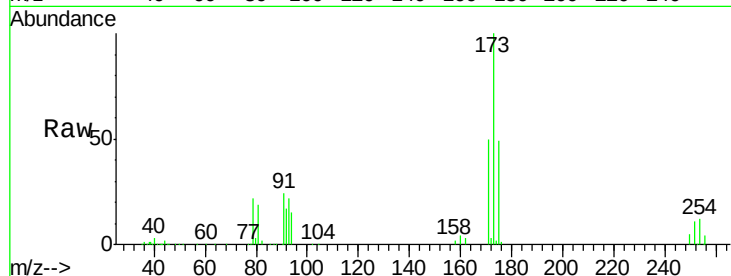
Tot Ion:173 Resp: 29967

Ion Ratio Lower Upper

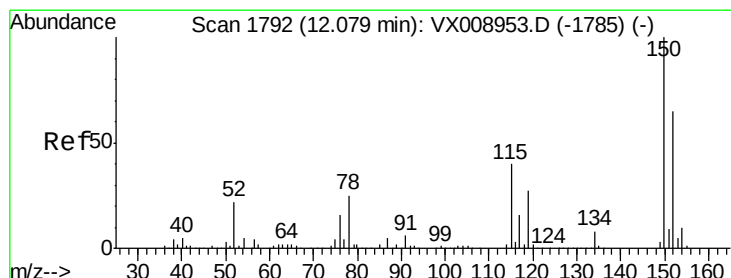
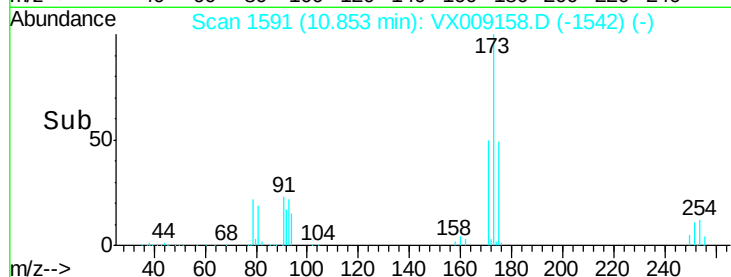
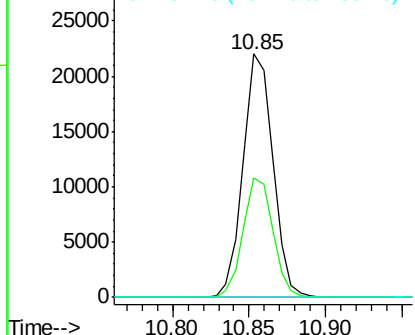
173 100

175 49.3 23.9 71.8

254 0.1 0.2 0.4#



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: VX009158.D

Acq: 25 Apr 2019 13:35

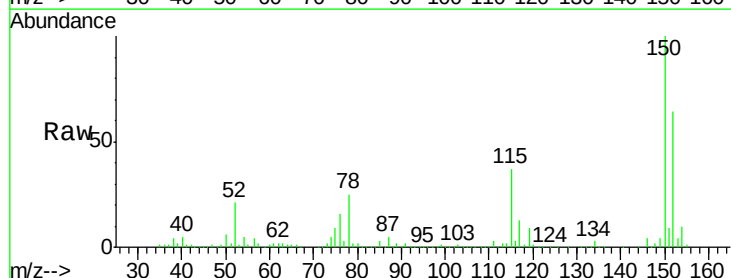
Tgt Ion:152 Resp: 133184

Ion Ratio Lower Upper

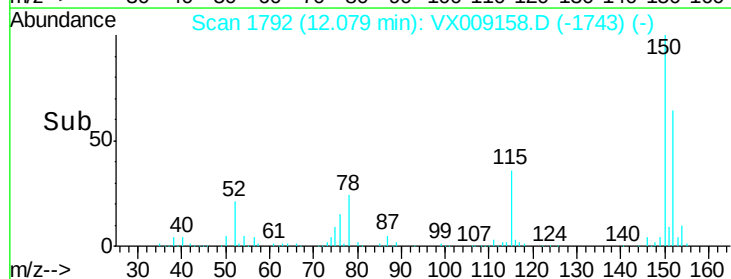
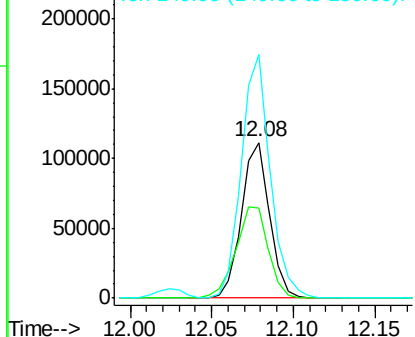
152 100

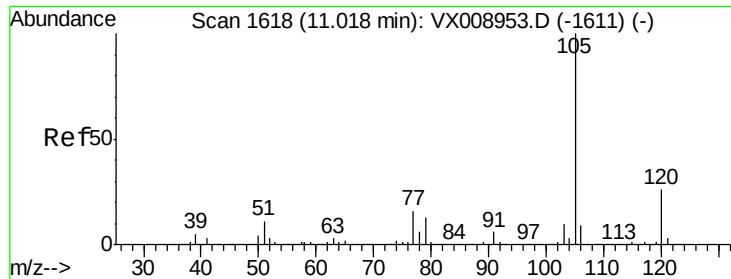
115 68.6 41.4 124.2

150 162.3 0.0 349.8



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

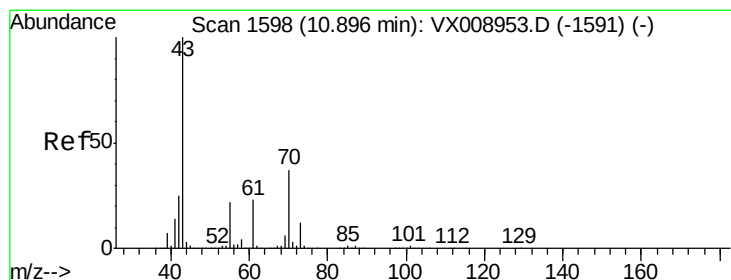
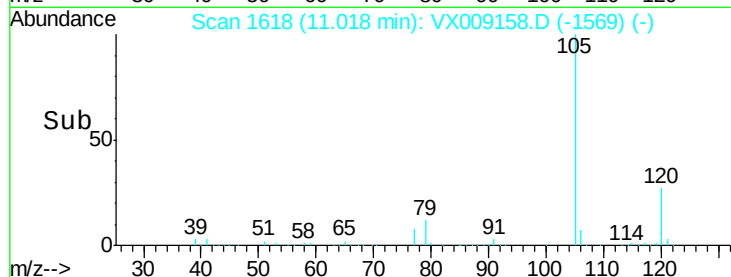
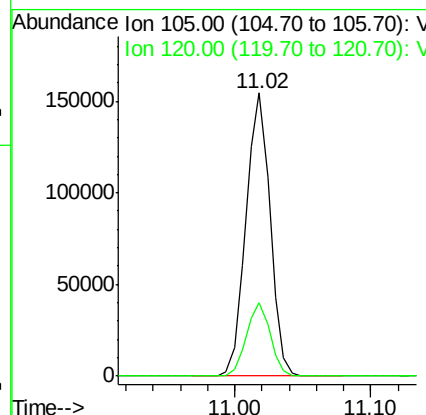
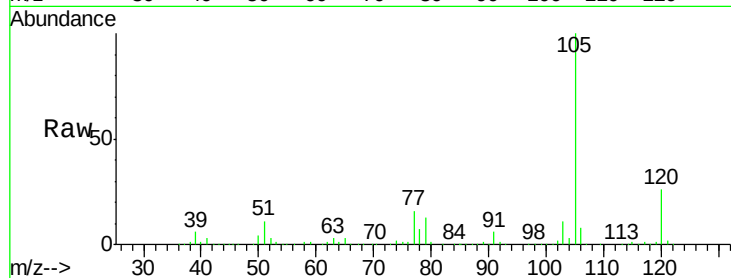




#73
Isopropylbenzene
Concen: 18.977 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

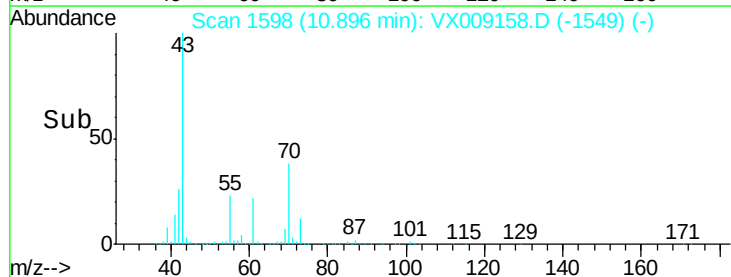
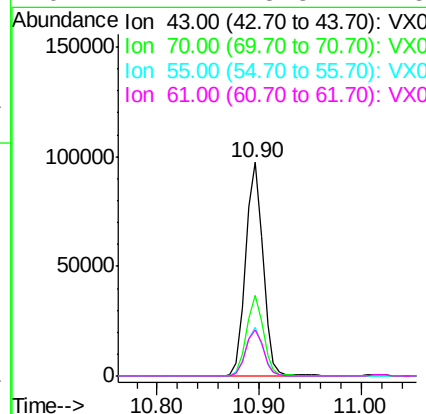
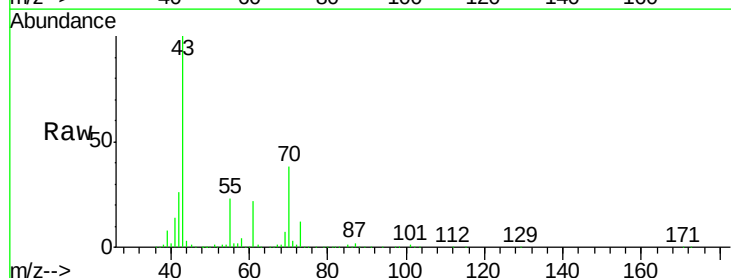
Instrument :
MSVOA_X
ClientSampleId :

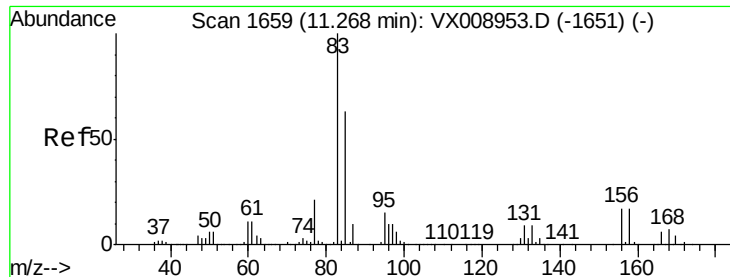
Tot Ion:105 Resp: 191575
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7



#74
N-ethyl acetate
Concen: 19.572 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 43 Resp: 113446
Ion Ratio Lower Upper
43 100
70 36.9 29.9 44.9
55 23.1 17.8 26.8
61 22.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.692 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

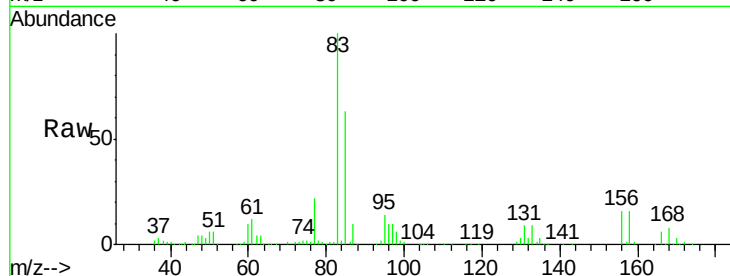
Tot Ion: 83 Resp: 72635

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

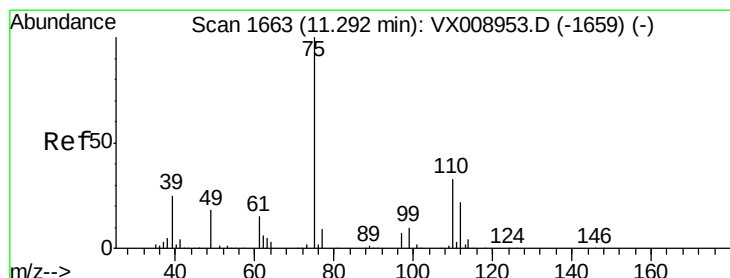
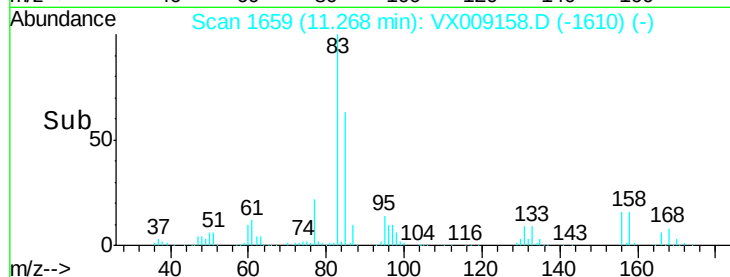
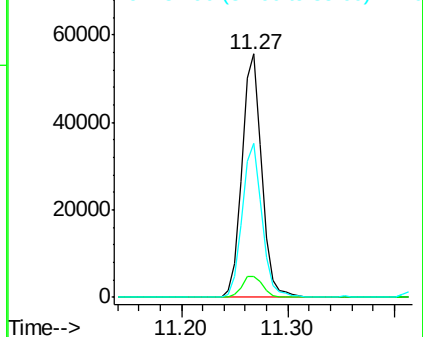
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.570 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009158.D

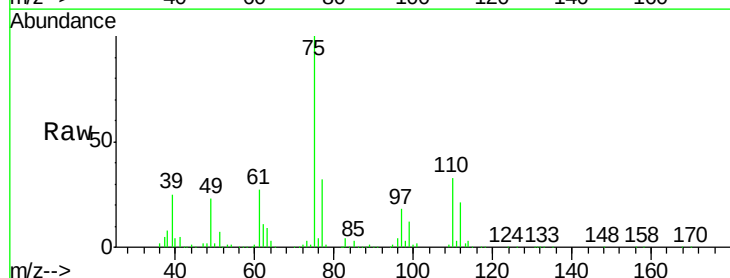
Acq: 25 Apr 2019 13:35

Tgt Ion: 75 Resp: 83156

Ion Ratio Lower Upper

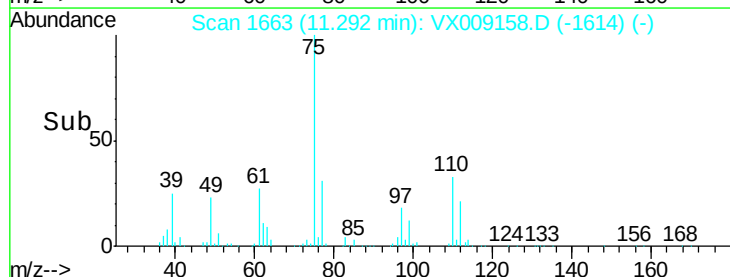
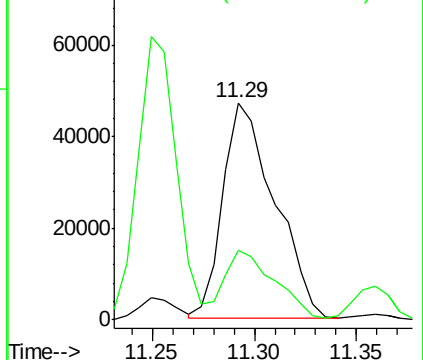
75 100

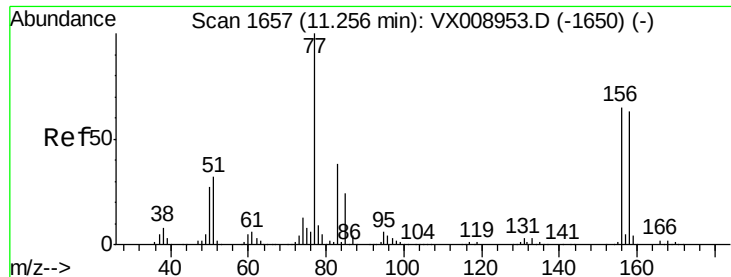
77 31.9 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.897 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

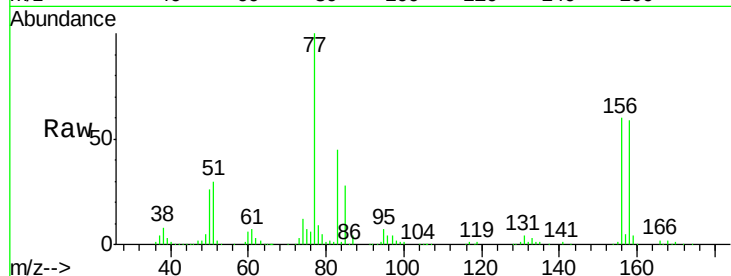
Tot Ion:156 Resp: 45586

Ion Ratio Lower Upper

156 100

77 176.9 85.4 256.1

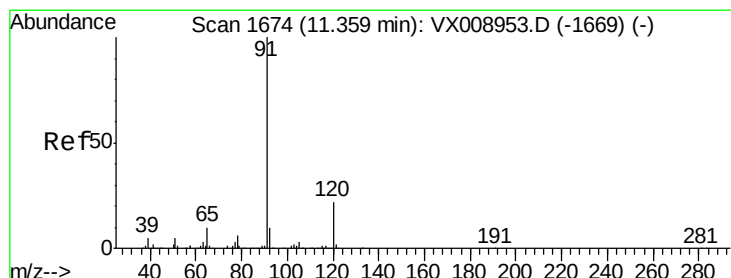
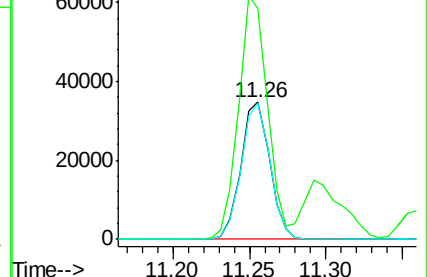
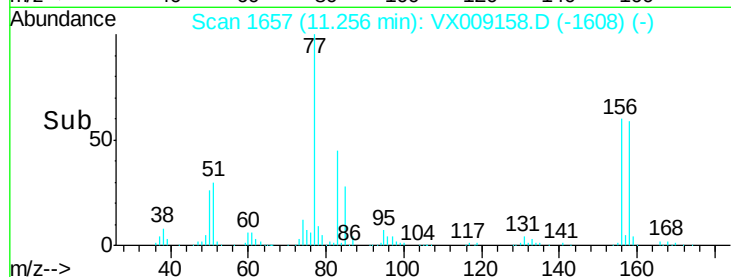
158 99.0 48.8 146.4



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: 18.860 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009158.D

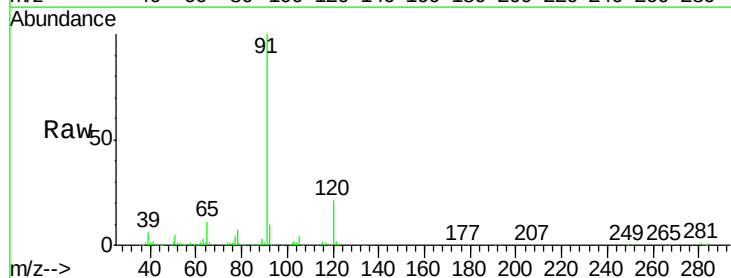
Acq: 25 Apr 2019 13:35

Tgt Ion: 91 Resp: 218527

Ion Ratio Lower Upper

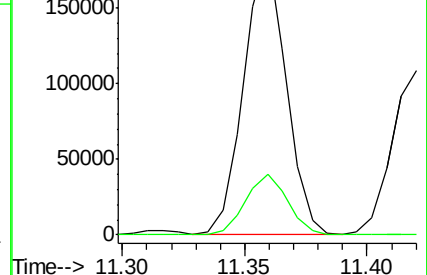
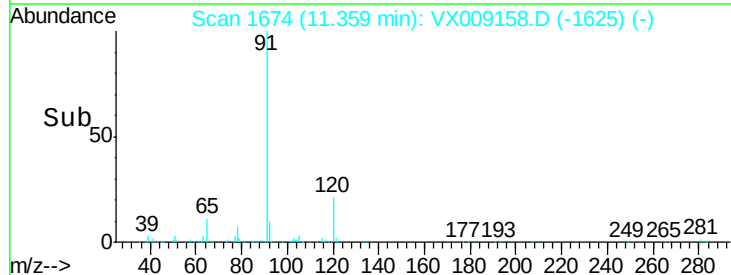
91 100

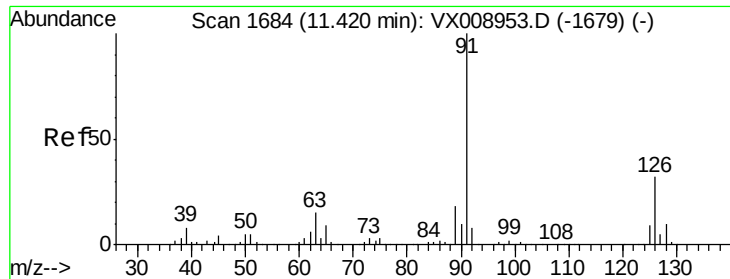
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.013 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

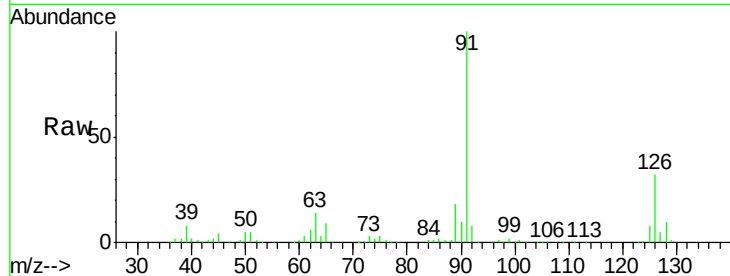
ClientSampled :

Tot Ion: 91 Resp: 132754

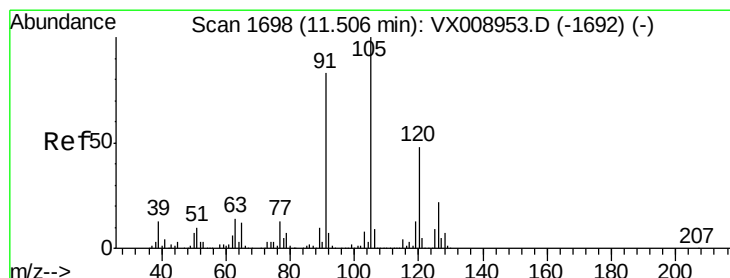
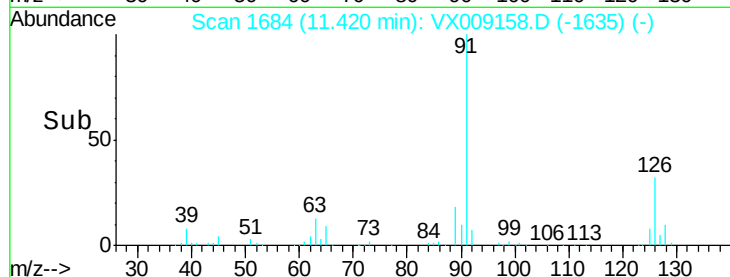
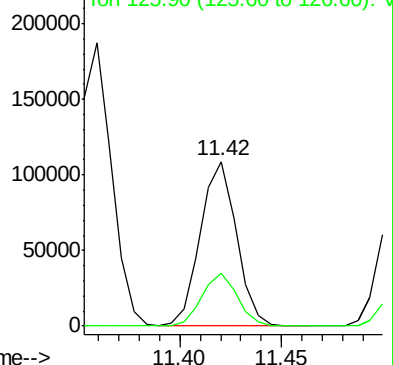
Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009158.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.007 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009158.D

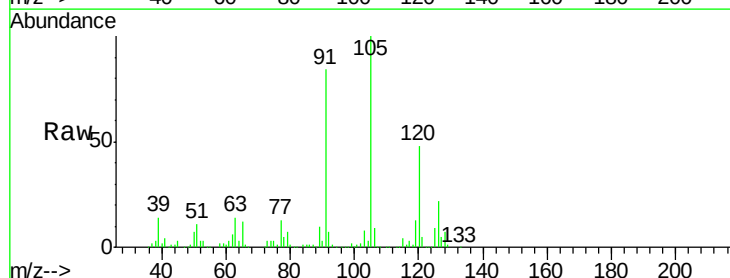
Acq: 25 Apr 2019 13:35

Tgt Ion:105 Resp: 161021

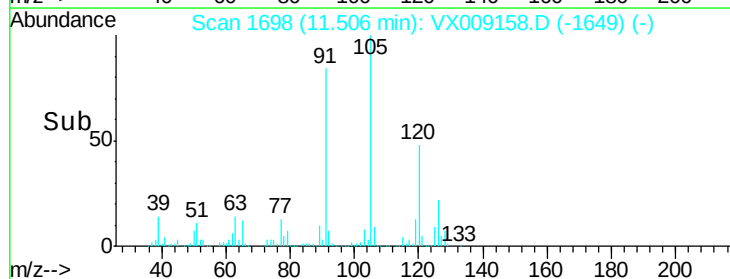
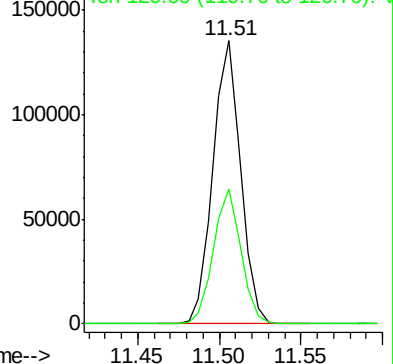
Ion Ratio Lower Upper

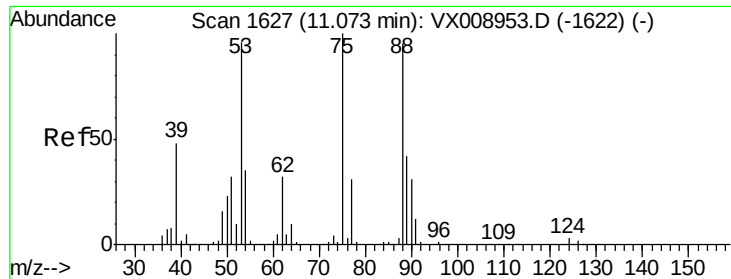
105 100

120 47.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX009158.D (-1649) (-)

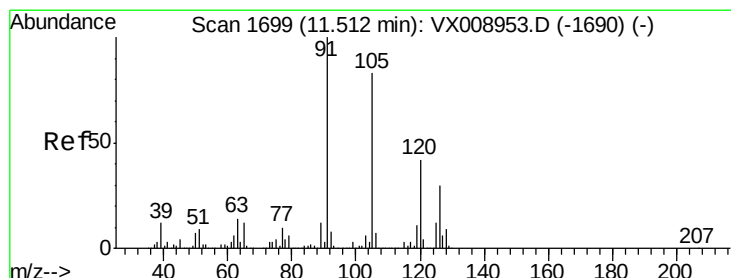
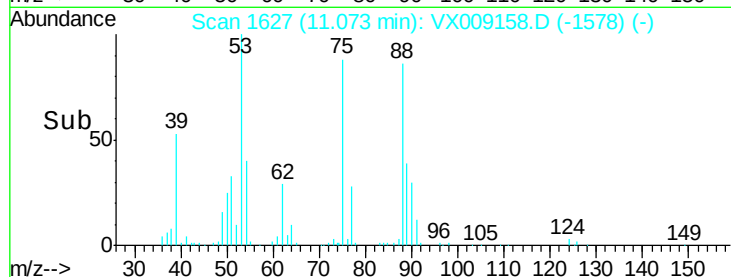
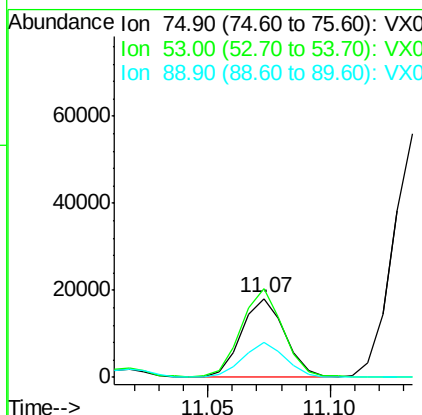
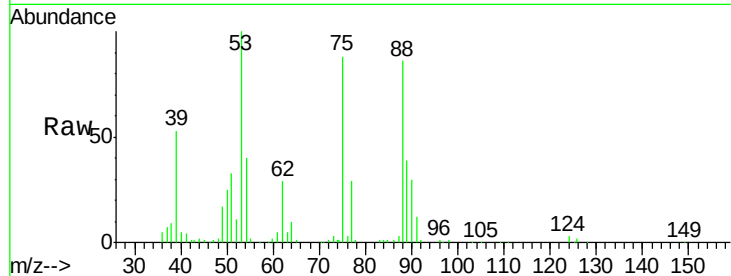




#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.458 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

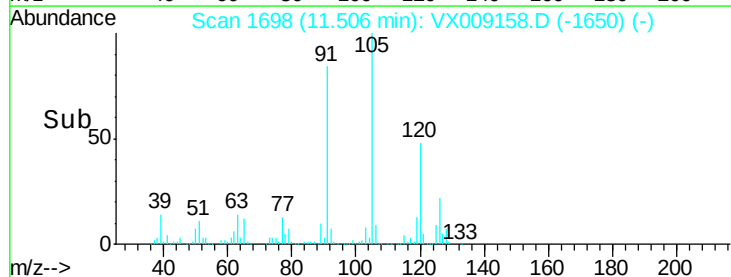
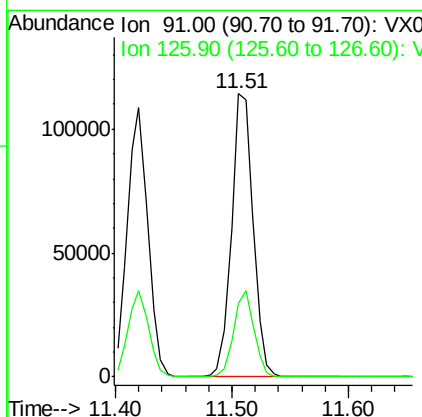
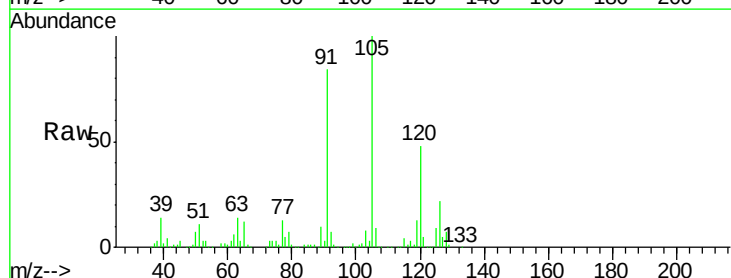
Instrument :
 MSVOA_X
 ClientSampleId :

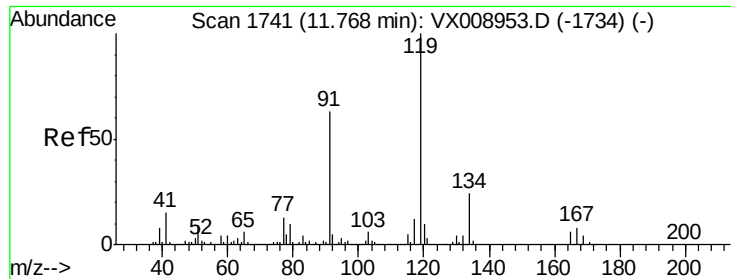
Tot Ion: 75 Resp: 22115
 Ion Ratio Lower Upper
 75 100
 53 109.0 78.2 117.4
 89 43.6 36.0 54.0



#82
 4-Chlorotoluene
 Concen: 18.317 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 91 Resp: 148538
 Ion Ratio Lower Upper
 91 100
 126 28.8 14.3 42.9

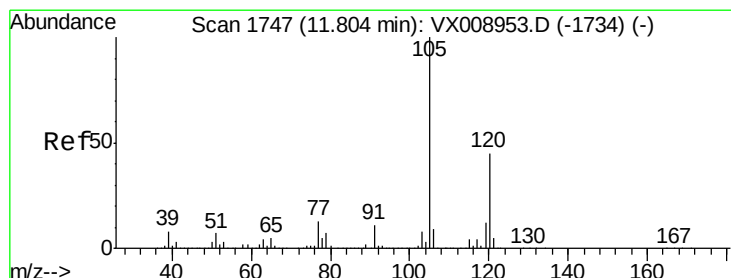
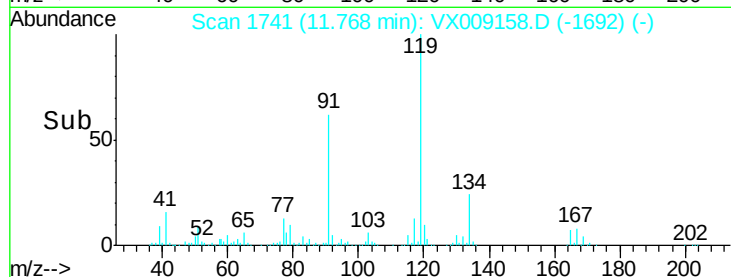
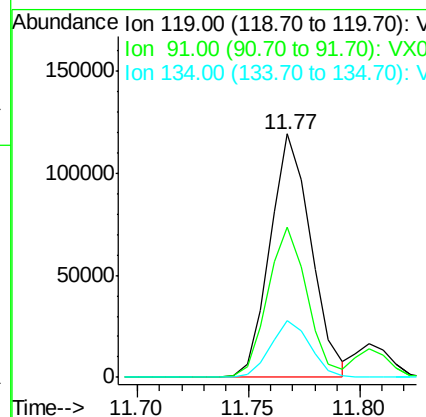
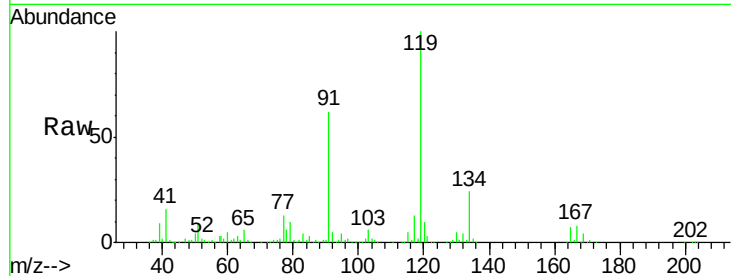




#83
 tert-Butylbenzene
 Concen: 18.751 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

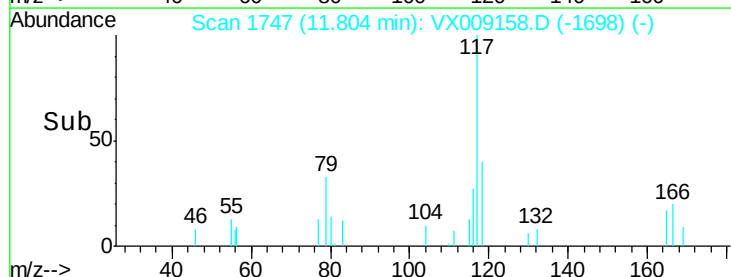
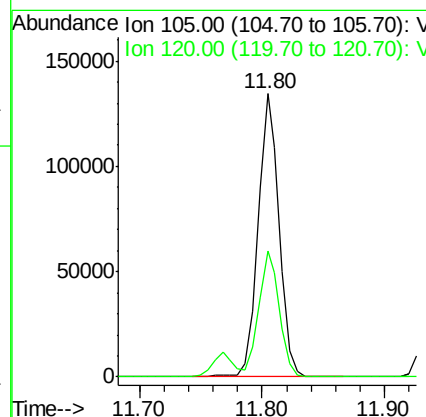
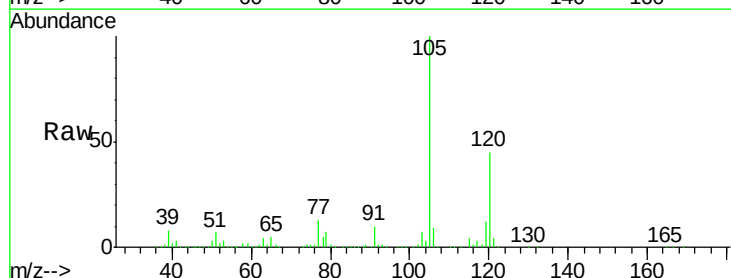
Instrument :
 MSVOA_X
 ClientSampleId :

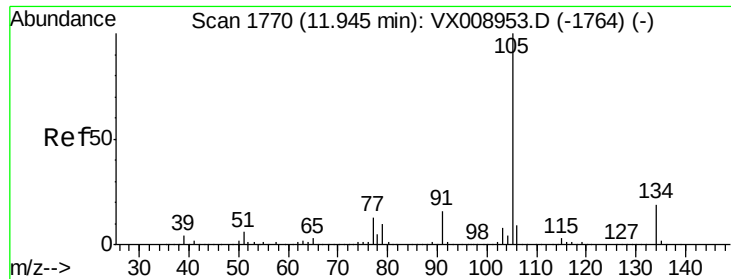
Tot Ion:119 Resp: 152509
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.7 89.1
 134 22.6 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.727 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion:105 Resp: 161486
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.841 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

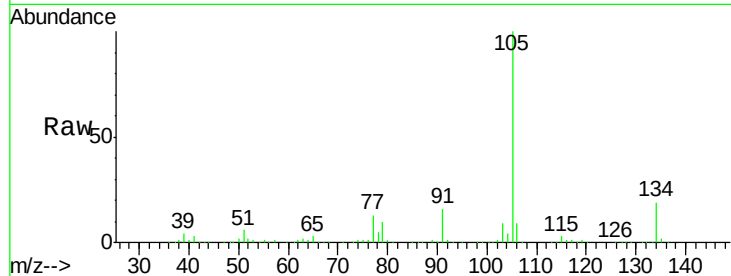
ClientSampleId :

Tot Ion:105 Resp: 182762

Ion Ratio Lower Upper

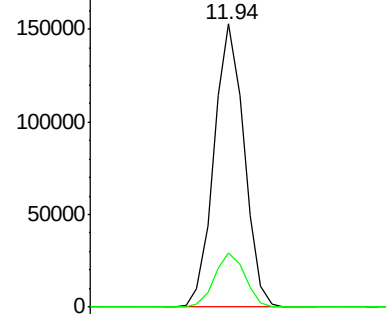
105 100

134 19.4 9.6 28.6

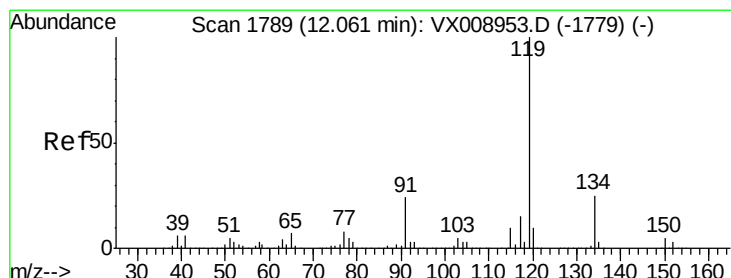
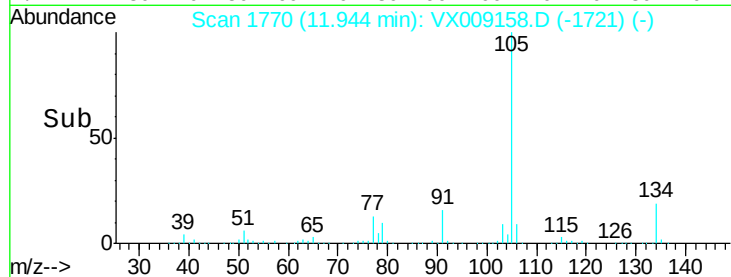


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 18.521 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

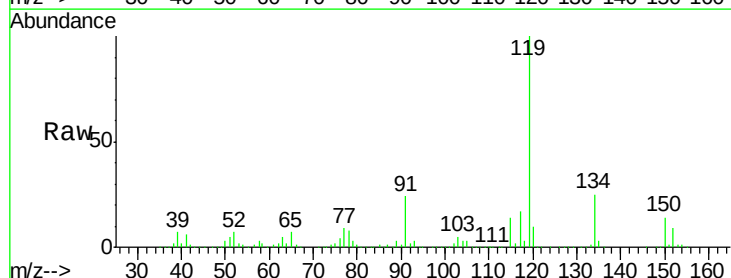
Tgt Ion:119 Resp: 165175

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.6

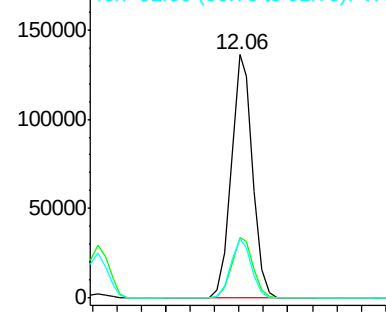
91 23.9 11.9 35.5



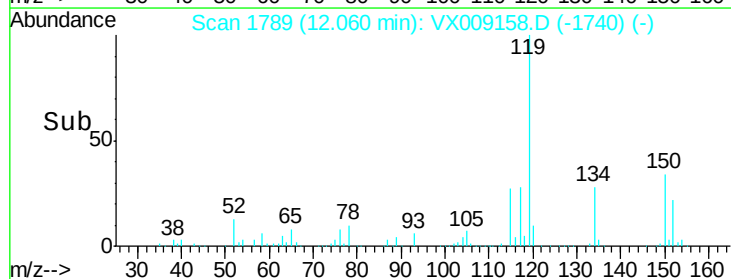
Abundance Ion 119.00 (118.70 to 119.70): V

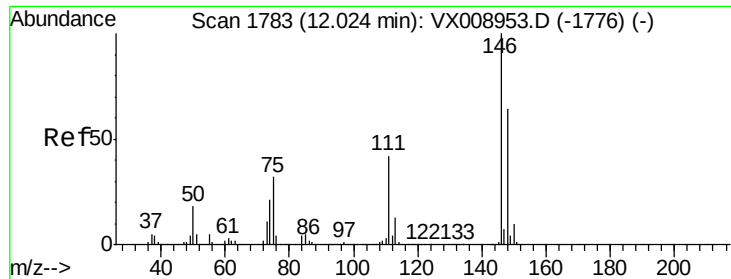
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

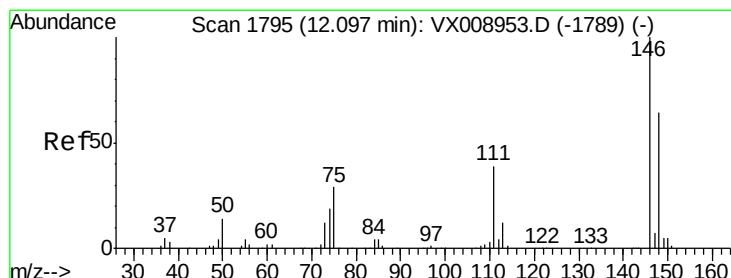
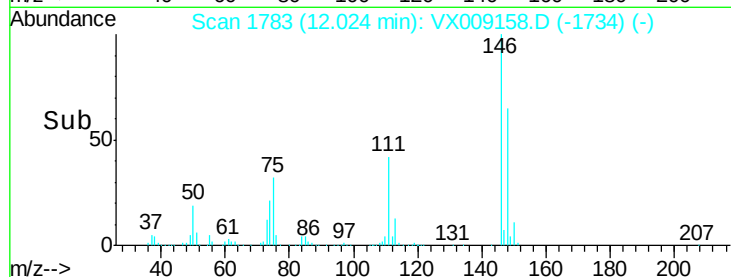
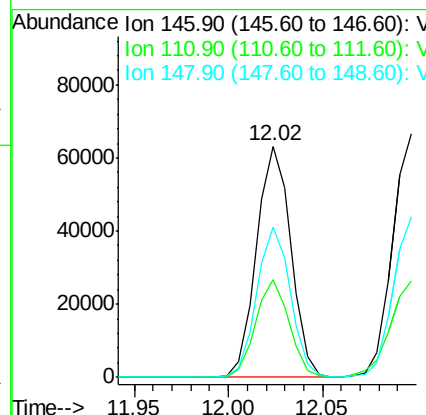
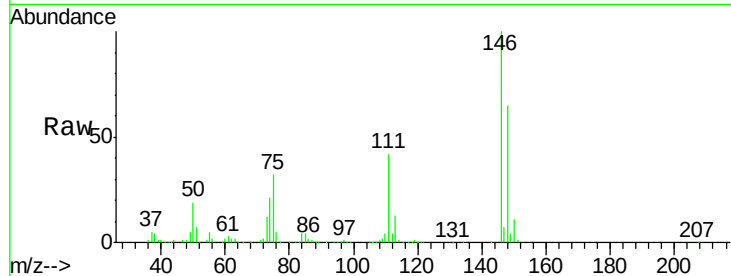




#87
 1,3-Dichlorobenzene
 Concen: 17.995 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

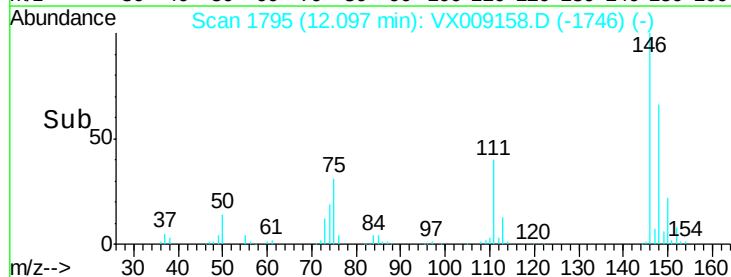
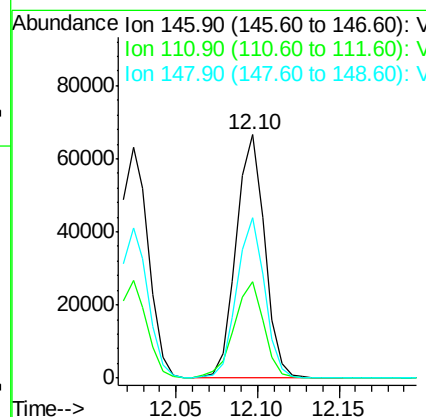
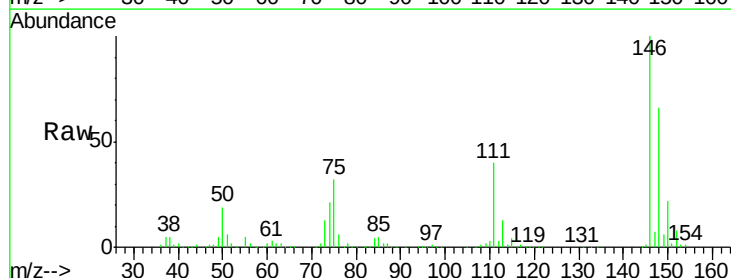
Instrument :
 MSVOA_X
 ClientSampled :

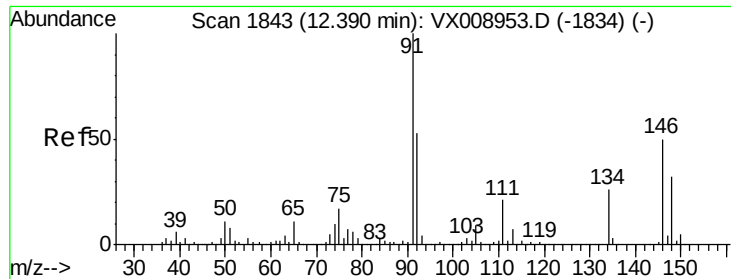
Tot Ion:146 Resp: 80221
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.6
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 17.898 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion:146 Resp: 80884
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 59.9
 148 64.5 32.2 96.6

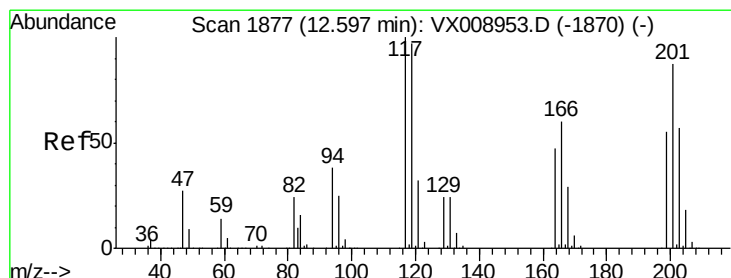
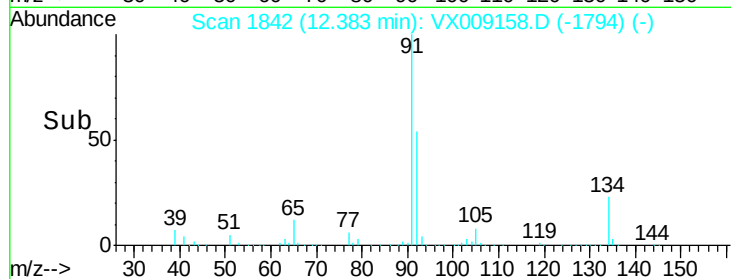
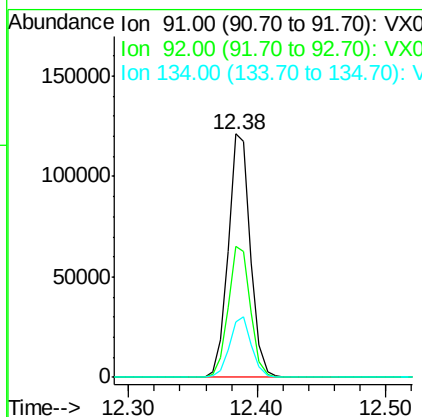
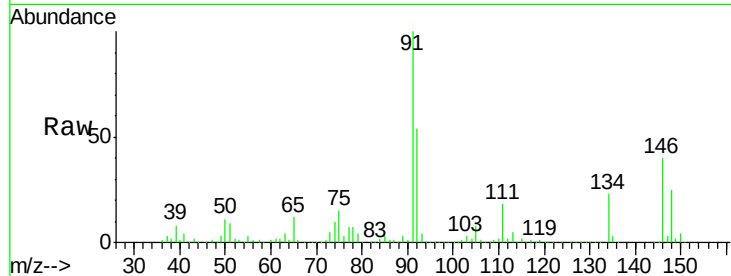




#89
n-Butylbenzene
Concen: 17.667 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

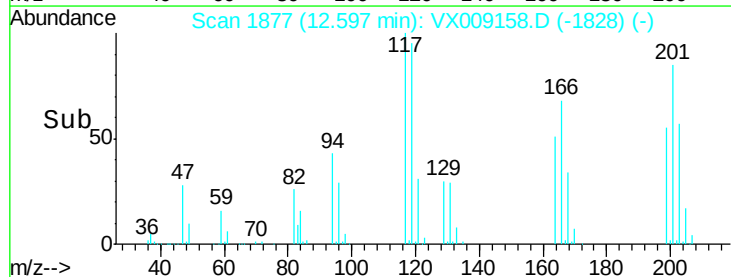
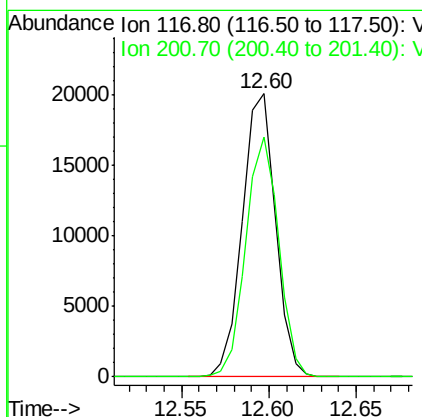
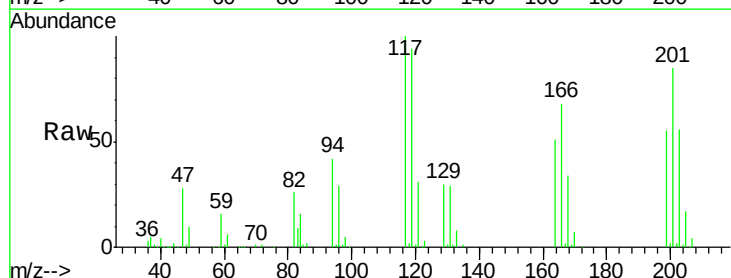
Instrument :
MSVOA_X
ClientSampled :

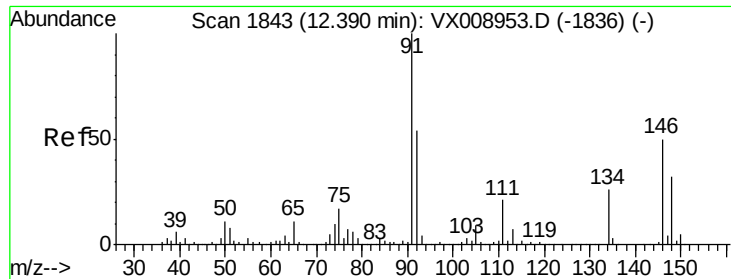
Tot Ion: 91 Resp: 146739
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 18.103 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009158.D
Acq: 25 Apr 2019 13:35

Tgt Ion: 117 Resp: 26632
Ion Ratio Lower Upper
117 100
201 83.8 43.0 129.0

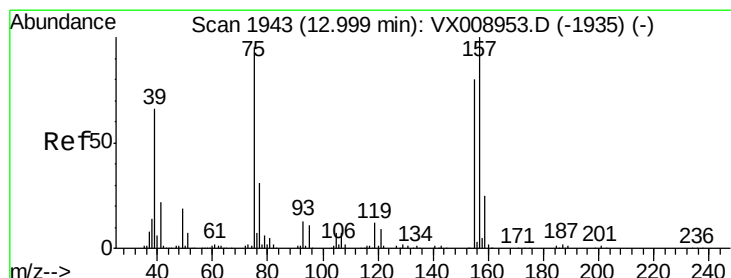
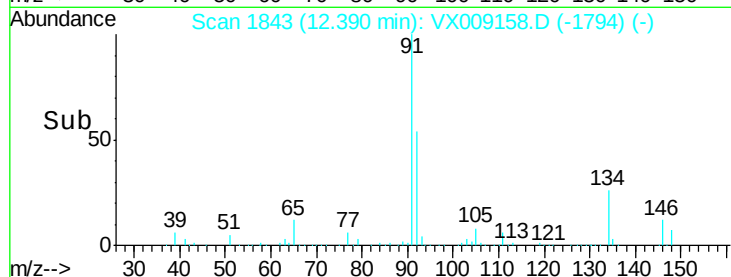
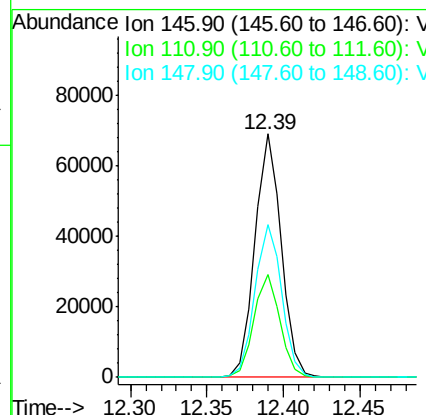
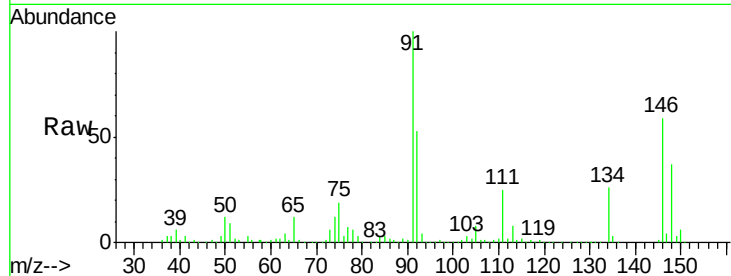




#91
 1,2-Dichlorobenzene
 Concen: 18.759 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

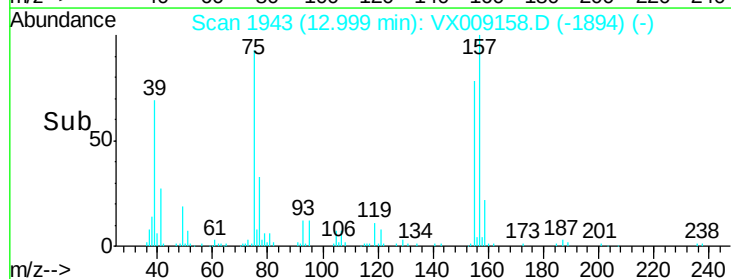
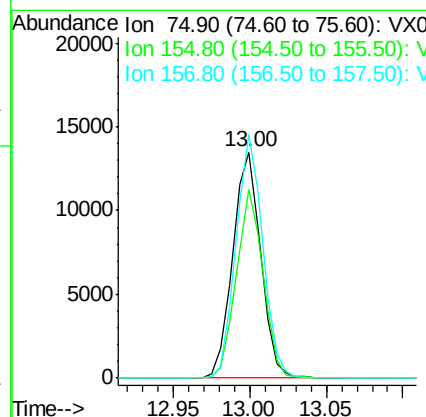
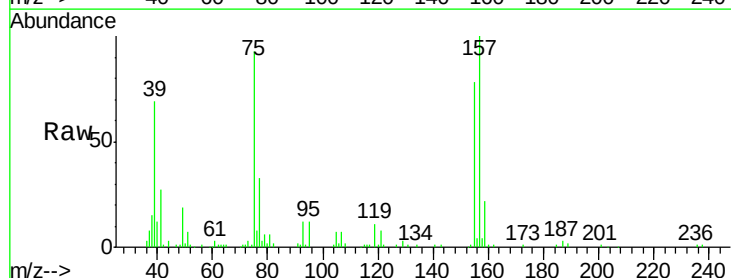
Instrument :
 MSVOA_X
 ClientSampleId :

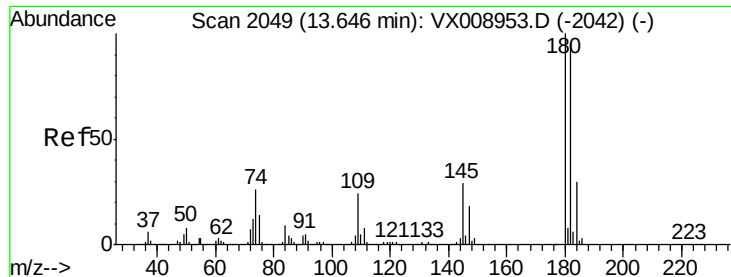
Tot Ion:146 Resp: 82578
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.335 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009158.D
 Acq: 25 Apr 2019 13:35

Tgt Ion: 75 Resp: 17078
 Ion Ratio Lower Upper
 75 100
 155 79.8 41.2 123.6
 157 103.3 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 17.805 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

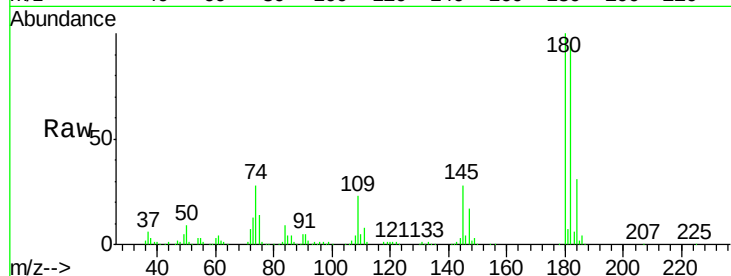
Tot Ion:180 Resp: 56580

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

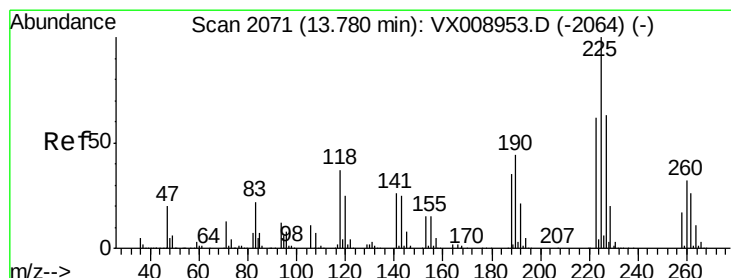
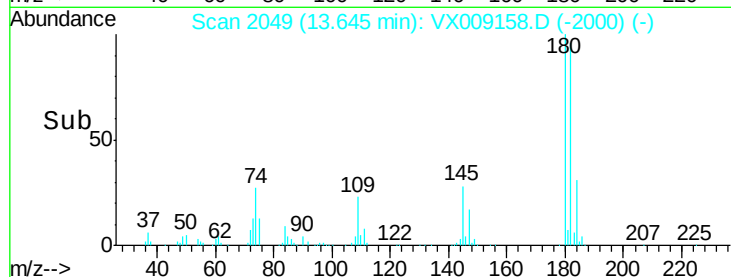
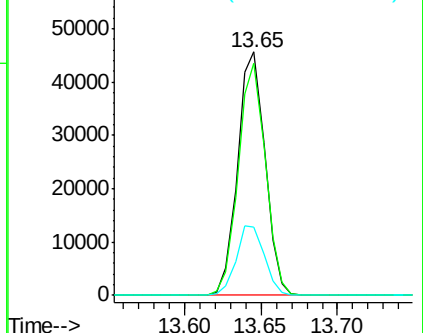
145 29.5 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.005 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

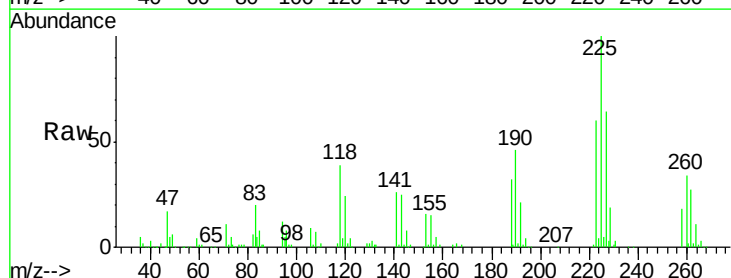
Tgt Ion:225 Resp: 28536

Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.2

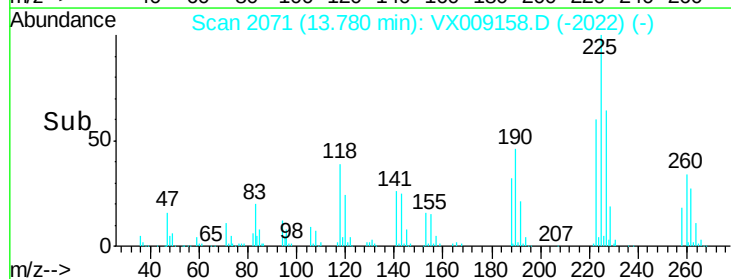
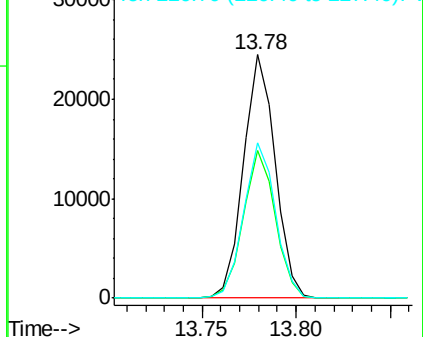
227 64.3 32.0 96.2

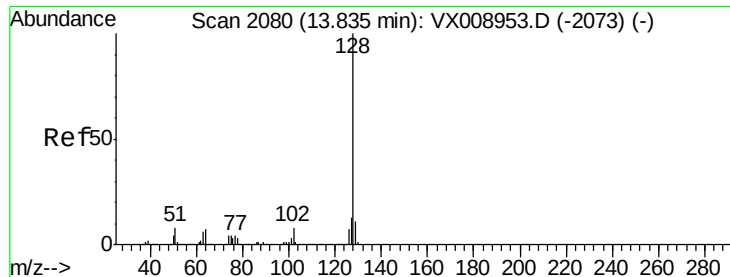


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.549 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

Instrument :

MSVOA_X

ClientSampleId :

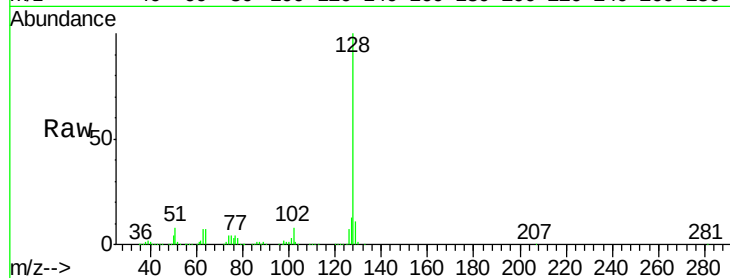
Tot Ion:128 Resp: 199025

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0

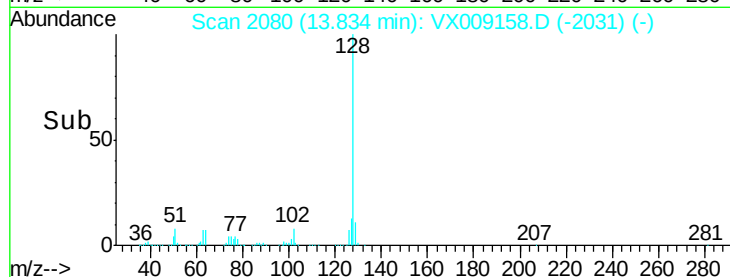


Abundance Ion 128.00 (127.70 to 128.70): V

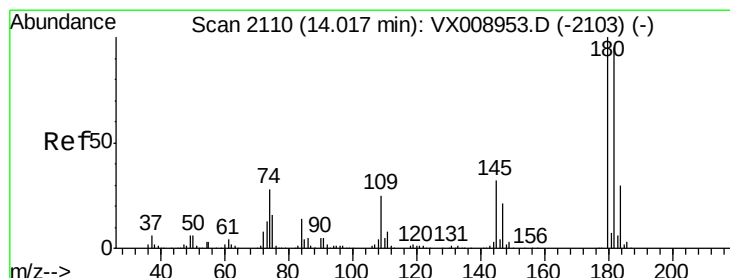
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.605 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009158.D

Acq: 25 Apr 2019 13:35

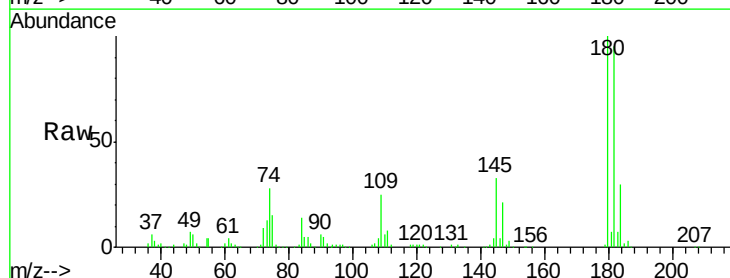
Tgt Ion:180 Resp: 58333

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

145 32.0 15.8 47.3

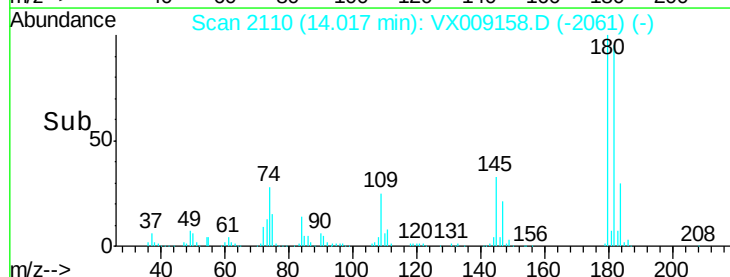


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->