

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010340.D
 Acq On : 18 Jun 2019 14:02
 Operator : JC/SP
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 01:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	392039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200669	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143184	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	141817	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	8.71	98	529349	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	191234	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	48631	18.360	ug/l	99
3) Chloromethane	1.33	50	46068	17.513	ug/l	98
4) Vinyl Chloride	1.41	62	49346	19.959	ug/l	99
5) Bromomethane	1.64	94	26217	28.101	ug/l	99
6) Chloroethane	1.72	64	29281	23.490	ug/l	99
7) Trichlorofluoromethane	1.93	101	81527	22.199	ug/l	99
8) Diethyl Ether	2.19	74	29437	23.256	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47500	18.763	ug/l	90
10) Methyl Iodide	2.51	142	62389	15.906	ug/l	97
11) Tert butyl alcohol	3.04	59	82703	120.147	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47872	18.514	ug/l	82
13) Acrolein	2.29	56	8998	71.689	ug/l	98
14) Allyl chloride	2.73	41	70675	18.108	ug/l #	89
15) Acrylonitrile	3.14	53	144289	102.553	ug/l	98
16) Acetone	2.45	43	128962	97.579	ug/l #	89
17) Carbon Disulfide	2.57	76	111064	14.866	ug/l	100
18) Methyl Acetate	2.78	43	62975	21.667	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	160128	19.276	ug/l	93
20) Methylene Chloride	2.85	84	55358	19.073	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	50687	17.714	ug/l #	82
22) Diisopropyl ether	3.85	45	149339	20.013	ug/l #	93
23) Vinyl Acetate	3.82	43	643274	96.629	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	85649	18.904	ug/l	93
25) 2-Butanone	4.68	43	199597	101.421	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	70569	17.073	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	61827	19.422	ug/l	77
28) Bromochloromethane	5.02	49	38972	19.193	ug/l #	50
29) Tetrahydrofuran	5.13	42	124193	100.415	ug/l #	75
30) Chloroform	5.21	83	90964	19.332	ug/l	99
31) Cyclohexane	5.57	56	73789	18.045	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	80296	18.152	ug/l	93
36) 1,1-Dichloropropene	5.81	75	63597	18.000	ug/l	92
37) Ethyl Acetate	4.84	43	72509	19.724	ug/l #	91
38) Carbon Tetrachloride	5.79	117	70533	17.637	ug/l	97

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :

Quant Time: Jun 19 01:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81533	16.947	ug/l #	82
40) Benzene	6.14	78	208382	19.073	ug/l	99
41) Methacrylonitrile	5.05	41	39130	19.678	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	66274	19.001	ug/l	92
43) Isopropyl Acetate	6.45	43	118562	19.289	ug/l #	89
44) Trichloroethene	7.21	130	62393	18.946	ug/l	85
45) 1,2-Dichloropropane	7.51	63	52864	19.332	ug/l	99
46) Dibromomethane	7.66	93	38828	18.953	ug/l	92
47) Bromodichloromethane	7.90	83	69772	18.227	ug/l #	98
48) Methyl methacrylate	7.77	41	56431	19.631	ug/l #	77
49) 1,4-Dioxane	7.74	88	33151	404.494	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	389901	106.184	ug/l	92
52) Toluene	8.79	92	138336	19.262	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76348	17.243	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84280	17.755	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	59723	20.306	ug/l	96
56) Ethyl methacrylate	9.18	69	88379	19.022	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	89399	19.307	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	203826	93.060	ug/l #	86
59) 2-Hexanone	9.49	43	302572	103.349	ug/l	89
60) Dibromochloromethane	9.58	129	63403	18.225	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62380	19.043	ug/l	100
64) Tetrachloroethene	9.34	164	62912	21.606	ug/l	96
65) Chlorobenzene	10.14	112	159681	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59848	19.234	ug/l	100
67) Ethyl Benzene	10.25	91	262561	19.062	ug/l	96
68) m/p-Xylenes	10.36	106	204853	38.432	ug/l	90
69) o-Xylene	10.69	106	102237	19.295	ug/l	88
70) Styrene	10.71	104	172189	19.188	ug/l	95
71) Bromoform	10.85	173	50692	17.721	ug/l #	97
73) Isopropylbenzene	11.02	105	267802	19.118	ug/l	96
74) N-amyl acetate	10.90	43	103873	18.759	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	92302	19.249	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	99503	24.790	ug/l	83
77) Bromobenzene	11.26	156	73438	19.064	ug/l	80
78) n-propylbenzene	11.36	91	288628	18.508	ug/l	94
79) 2-Chlorotoluene	11.42	91	172809	18.450	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	216179	18.323	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	29677	16.336	ug/l	89
82) 4-Chlorotoluene	11.51	91	198491	18.656	ug/l	92
83) tert-Butylbenzene	11.77	119	222503	18.632	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	222833	18.698	ug/l	96
85) sec-Butylbenzene	11.94	105	260217	18.704	ug/l	95
86) p-Isopropyltoluene	12.06	119	236529	18.597	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	129754	19.123	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	128345	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	199767	18.247	ug/l	97
90) Hexachloroethane	12.60	117	41319	16.308	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	130359	19.762	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18920	16.768	ug/l	63

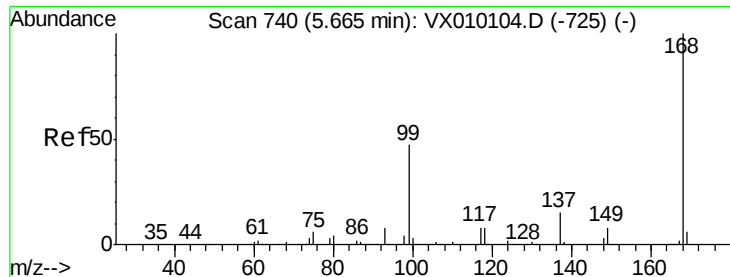
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89852	18.608	ug/l	100
94) Hexachlorobutadiene	13.78	225	43373	20.198	ug/l	98
95) Naphthalene	13.83	128	286886	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	90674	18.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

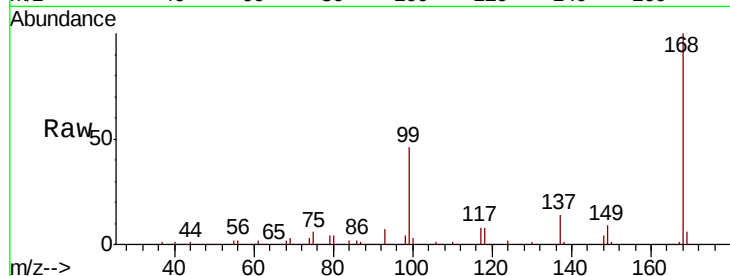
ClientSampled :

Tot Ion:168 Resp: 287867

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

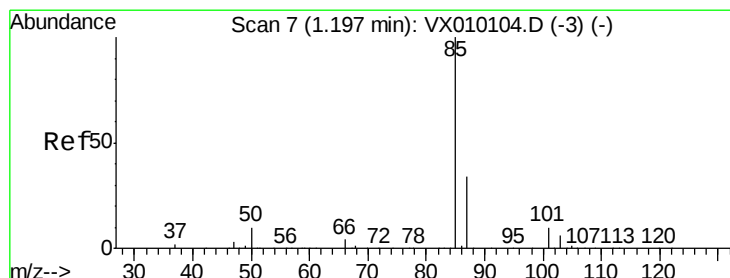
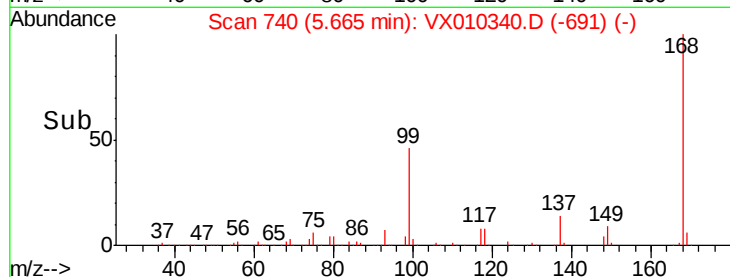
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.360 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010340.D

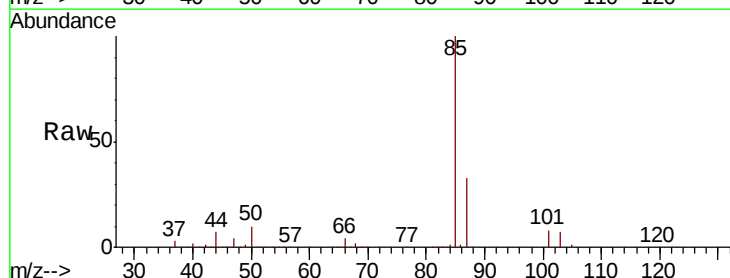
Acq: 18 Jun 2019 14:02

Tgt Ion: 85 Resp: 48631

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

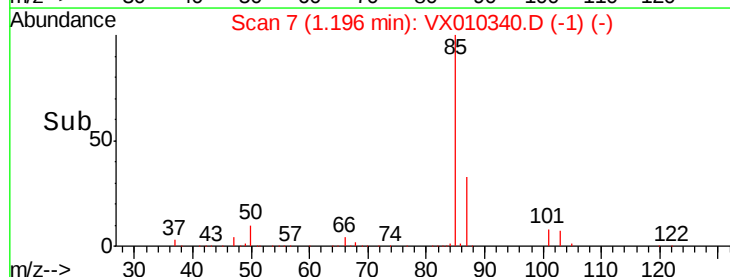
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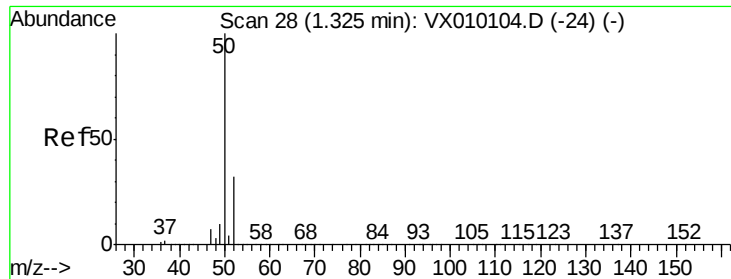
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.513 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

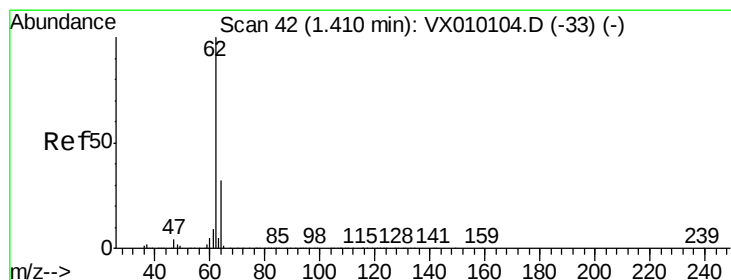
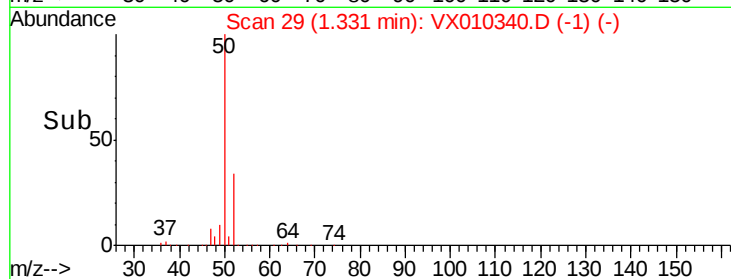
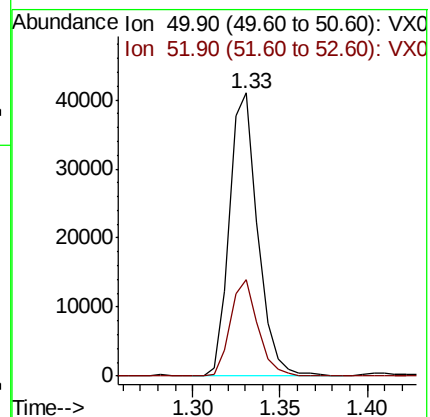
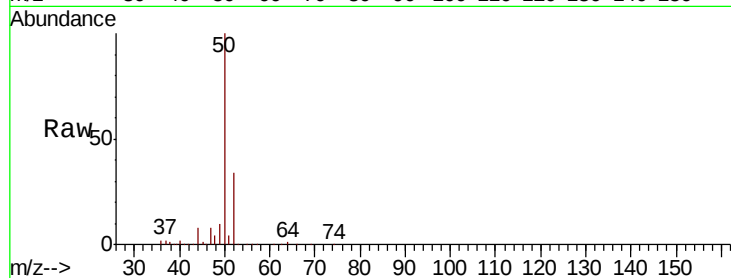
ClientSampleId :

Tot Ion: 50 Resp: 46068

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.959 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010340.D

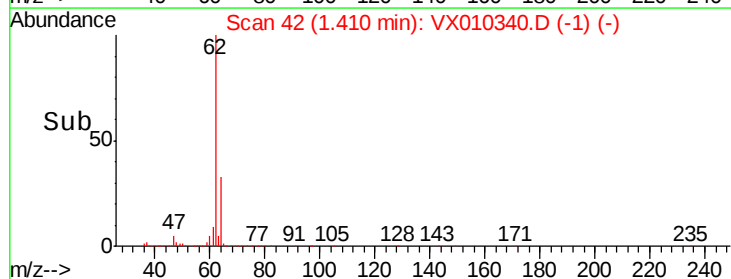
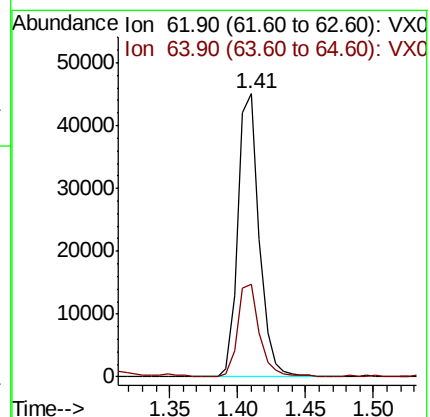
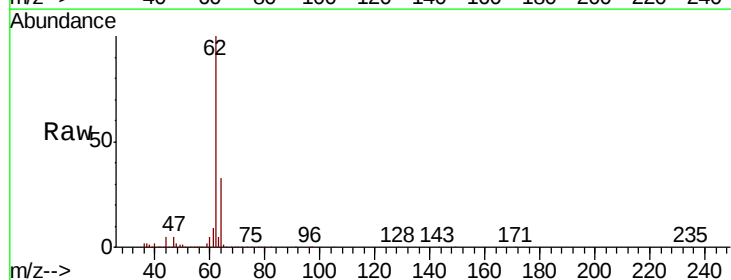
Acq: 18 Jun 2019 14:02

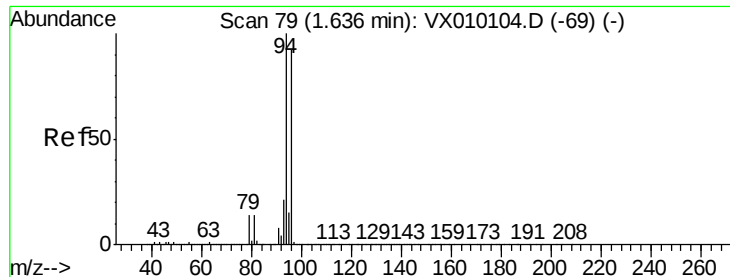
Tgt Ion: 62 Resp: 49346

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 28.101 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

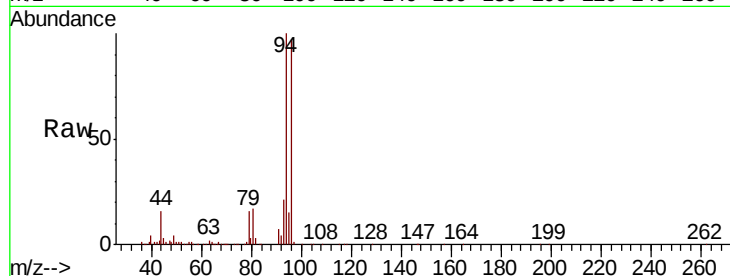
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 26217

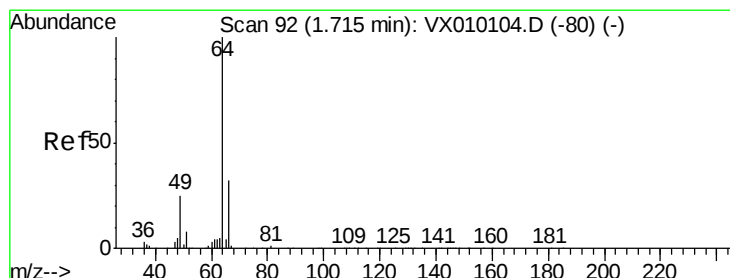
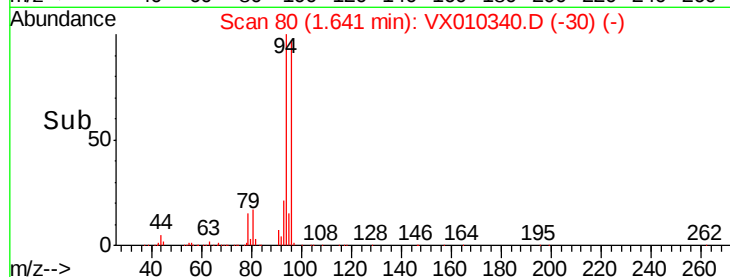
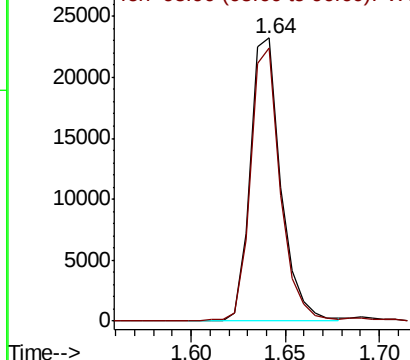
Ion Ratio Lower Upper

94 100

96 96.2 76.2 114.4



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



#6

Chloroethane

Concen: 23.490 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010340.D

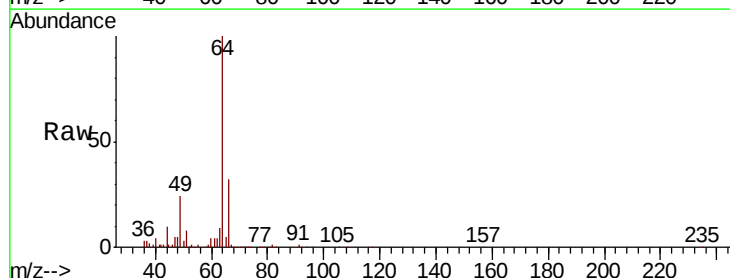
Acq: 18 Jun 2019 14:02

Tgt Ion: 64 Resp: 29281

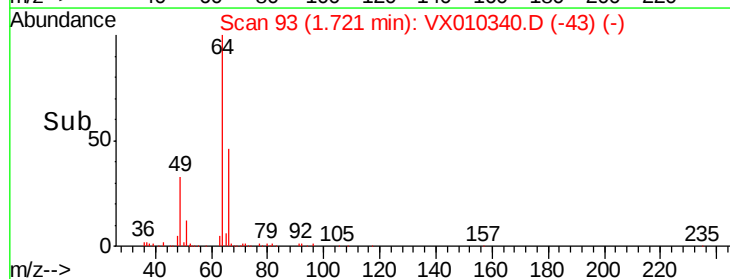
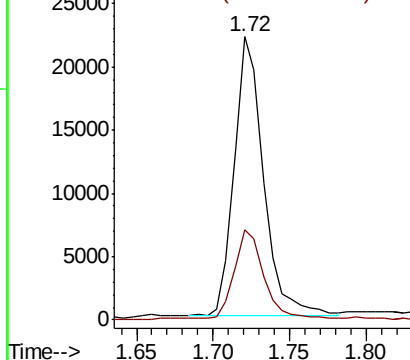
Ion Ratio Lower Upper

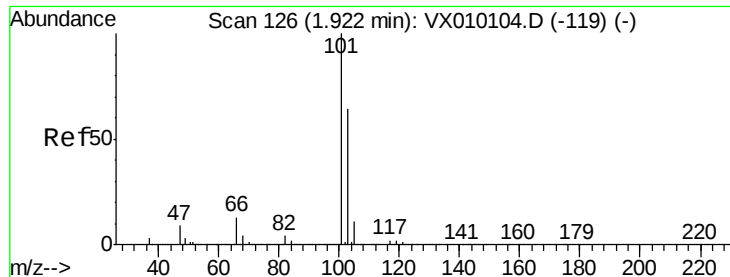
64 100

66 31.9 25.1 37.7



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



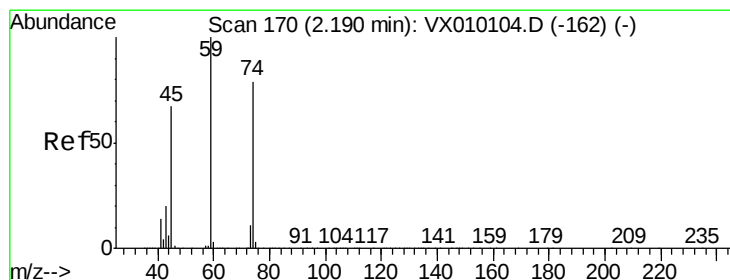
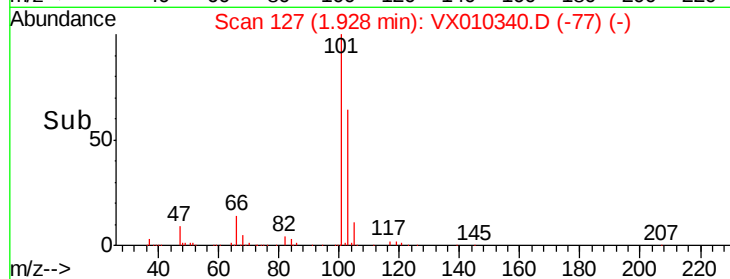
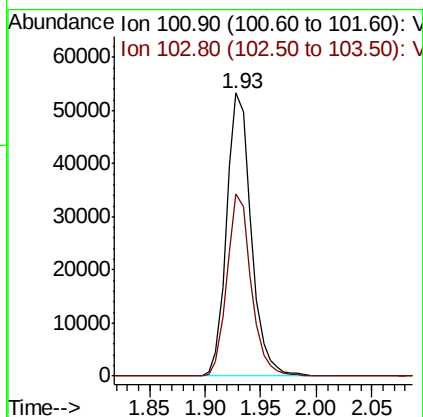
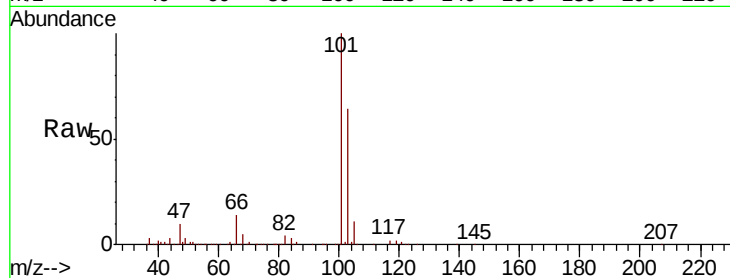


#7

Trichlorofluoromethane
 Concen: 22.199 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

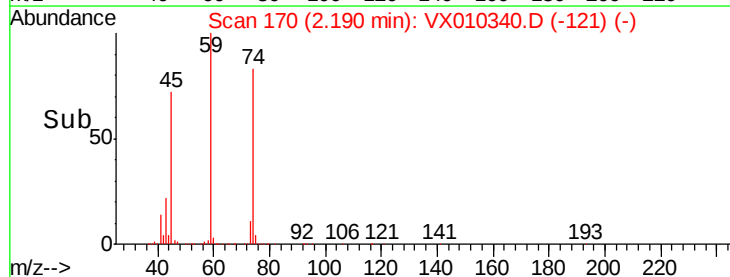
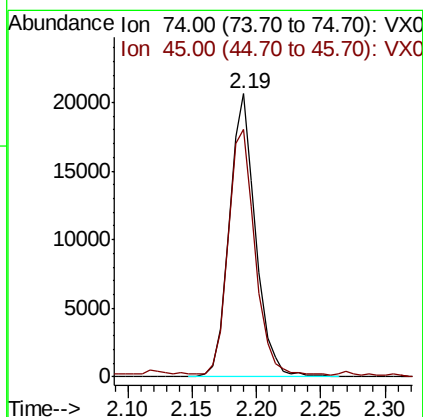
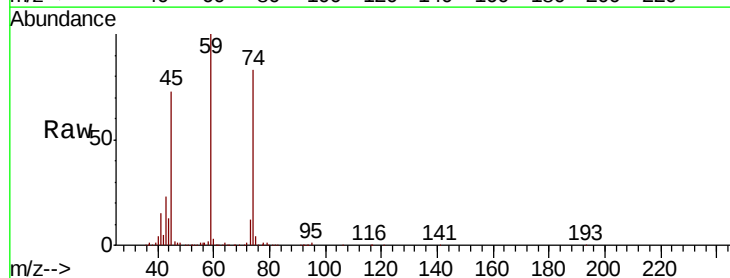
Tot Ion:101 Resp: 81527
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

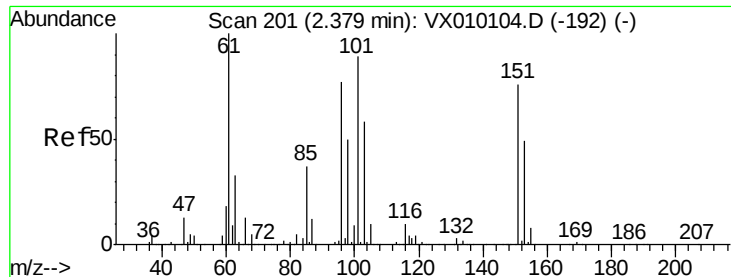


#8

Diethyl Ether
 Concen: 23.256 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion: 74 Resp: 29437
 Ion Ratio Lower Upper
 74 100
 45 88.3 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.763 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

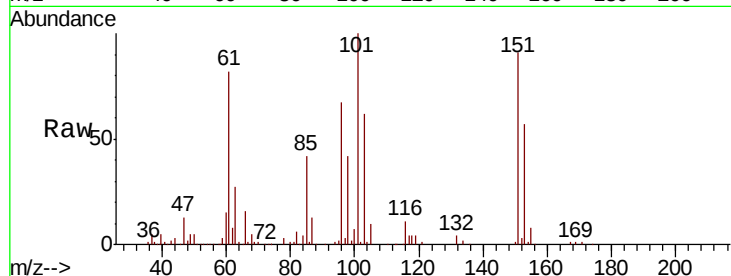
Tot Ion:101 Resp: 47500

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

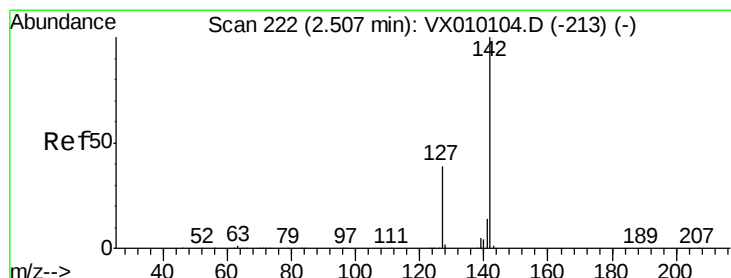
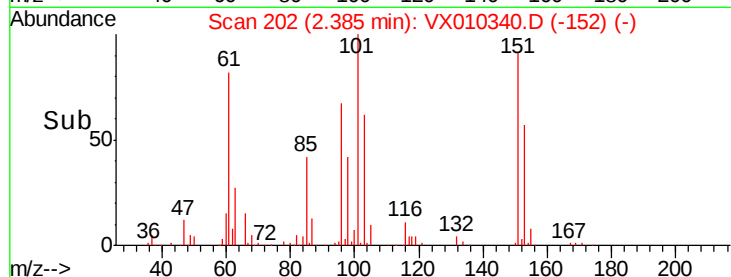
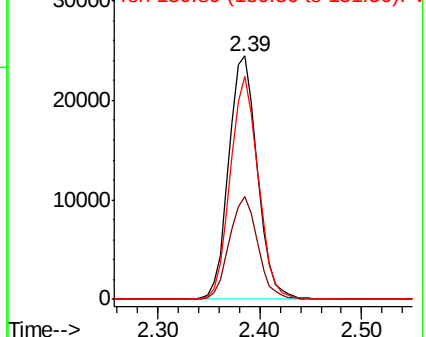
151 89.2 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.906 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

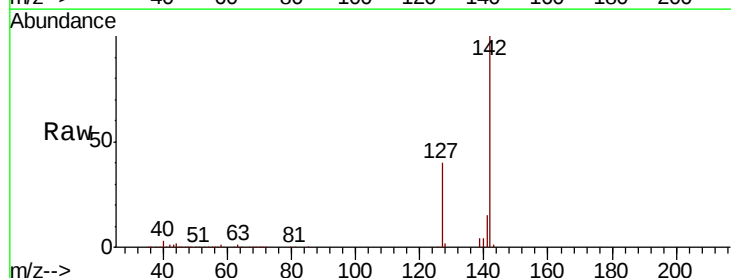
Tgt Ion:142 Resp: 62389

Ion Ratio Lower Upper

142 100

127 38.9 33.0 49.4

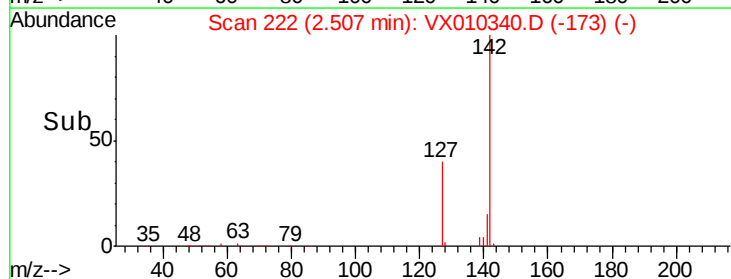
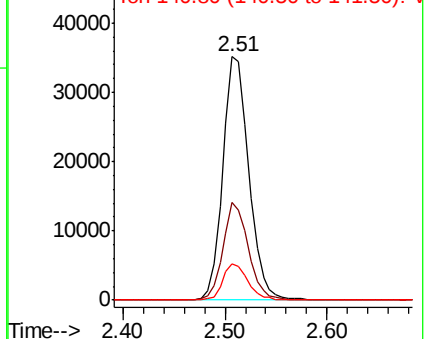
141 14.5 11.4 17.0

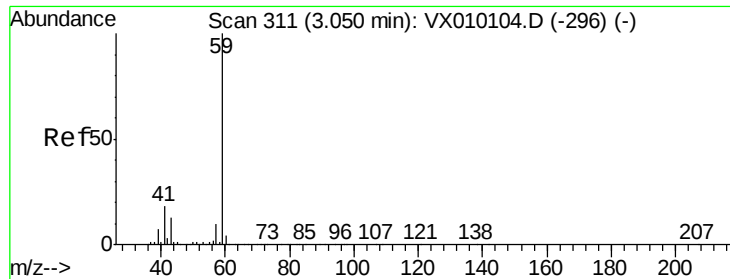


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

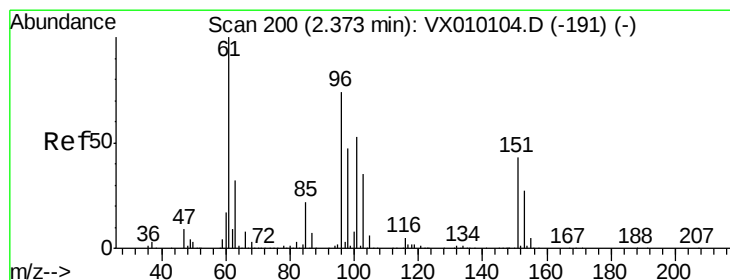
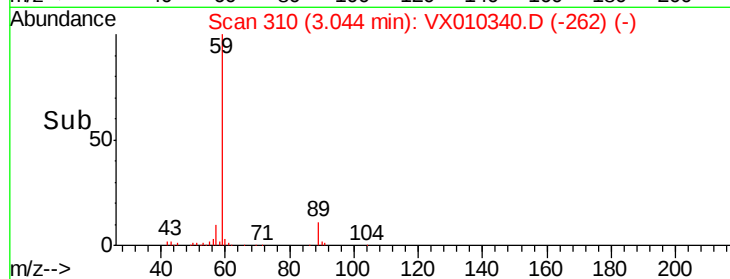
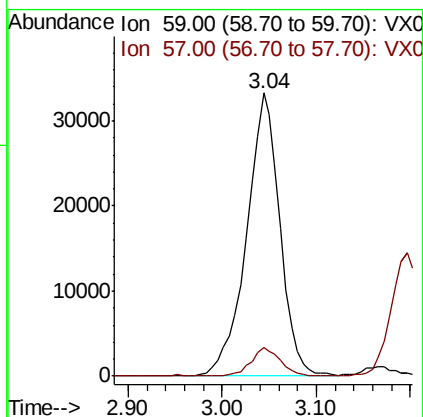
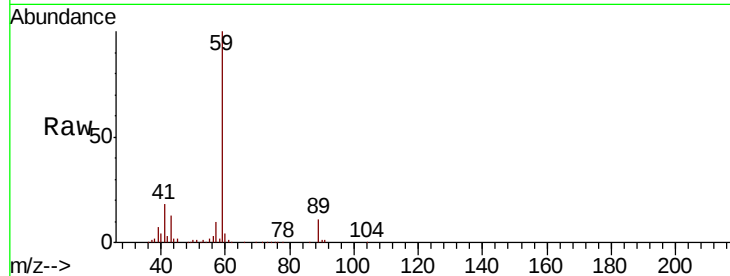




#11
Tert butyl alcohol
Concen: 120.147 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

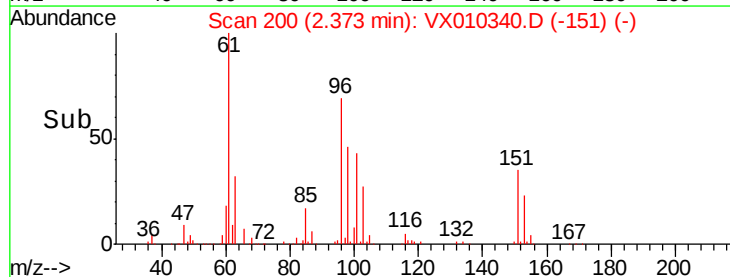
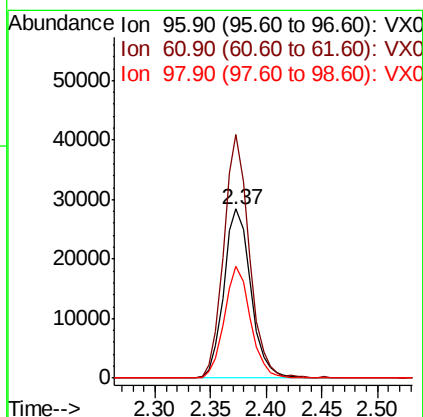
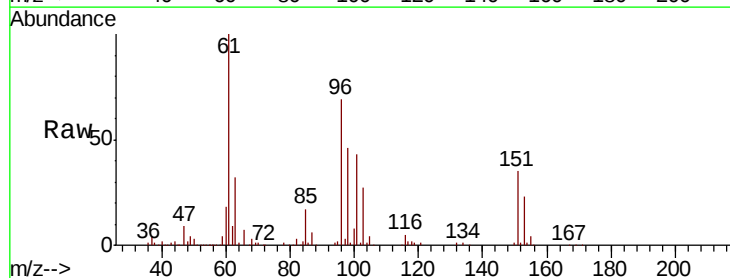
Instrument :
MSVOA_X
ClientSampleId :

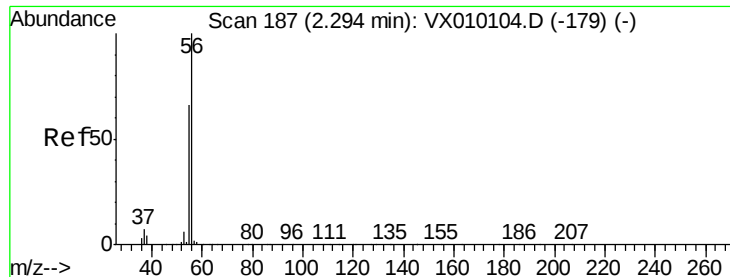
Tot Ion: 59 Resp: 82703
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.514 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 96 Resp: 47872
Ion Ratio Lower Upper
96 100
61 144.2 140.7 211.1
98 66.0 50.1 75.1





#13

Acrolein

Concen: 71.689 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

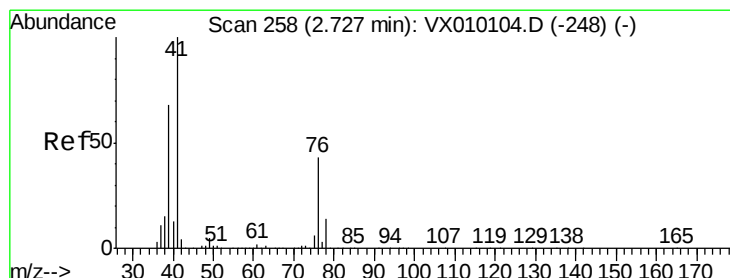
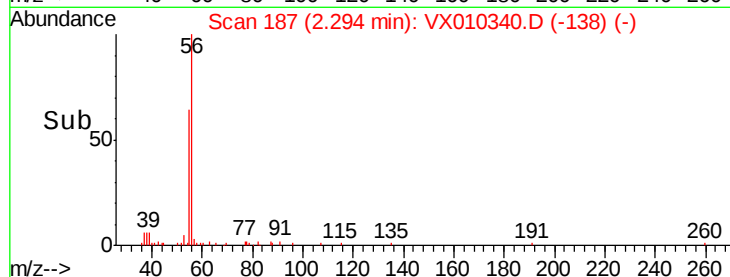
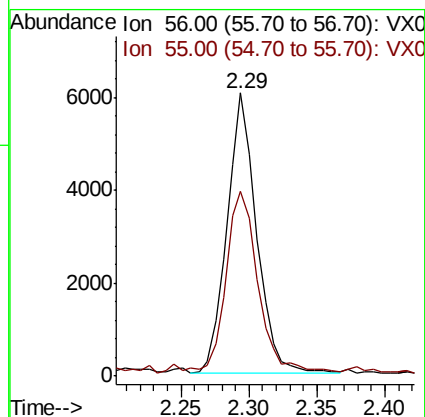
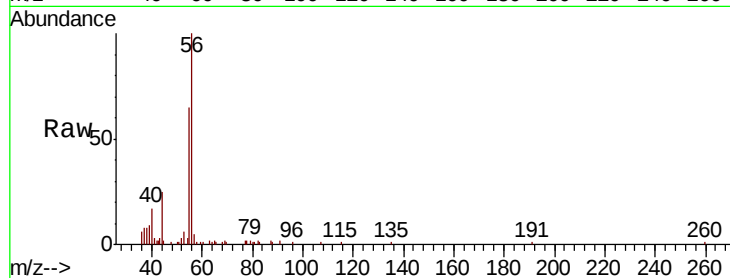
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 8998

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 18.108 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

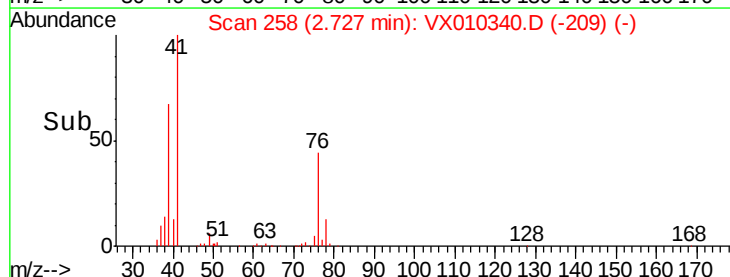
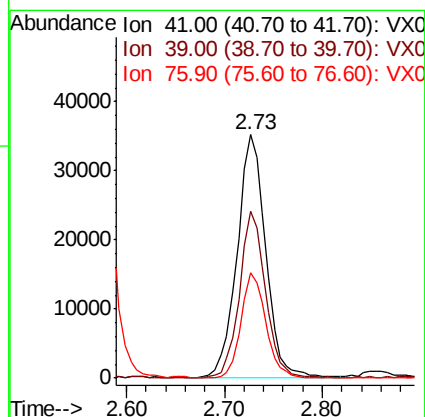
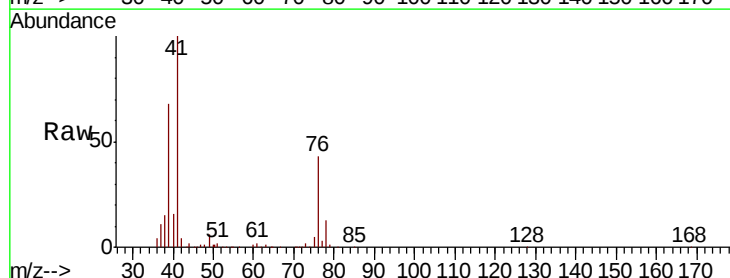
Tgt Ion: 41 Resp: 70675

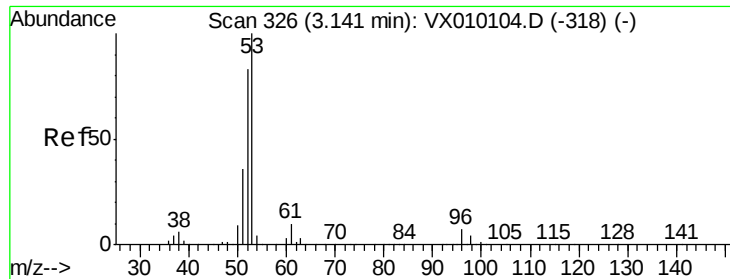
Ion Ratio Lower Upper

41 100

39 62.8 46.7 70.1

76 38.0 21.0 31.4#





#15

Acrylonitrile

Concen: 102.553 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

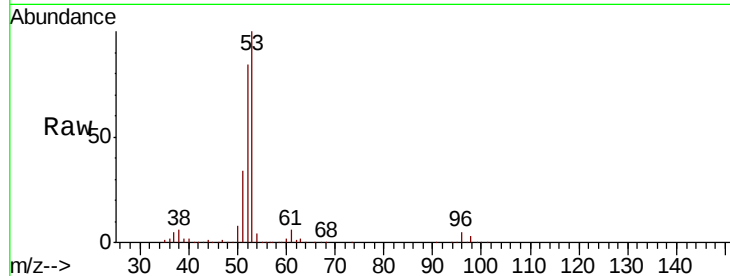
Tot Ion: 53 Resp: 144289

Ion Ratio Lower Upper

53 100

52 81.5 66.7 100.1

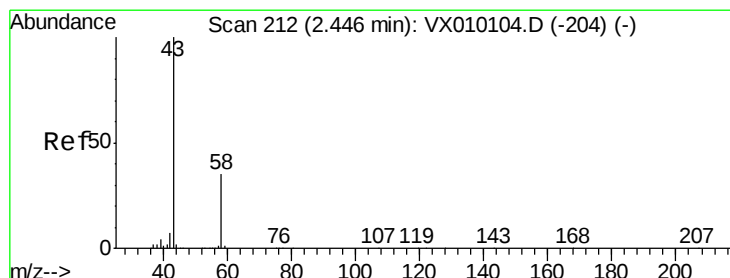
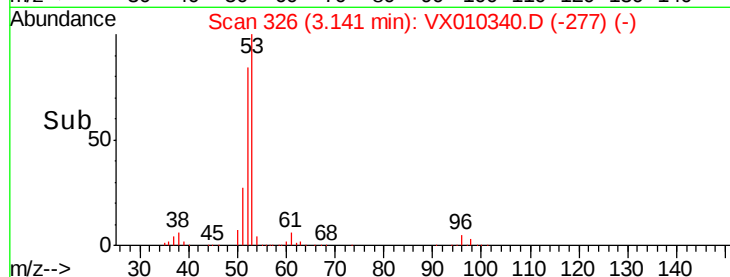
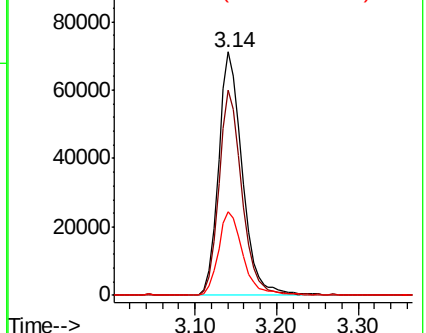
51 35.2 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.579 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010340.D

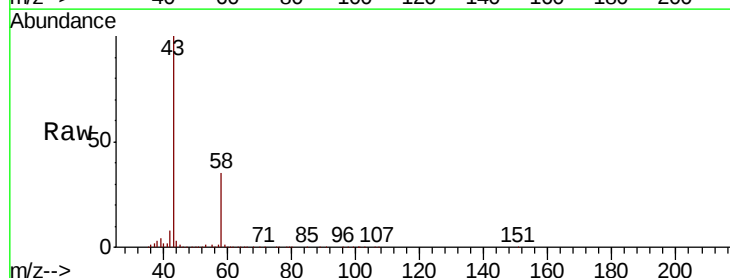
Acq: 18 Jun 2019 14:02

Tgt Ion: 43 Resp: 128962

Ion Ratio Lower Upper

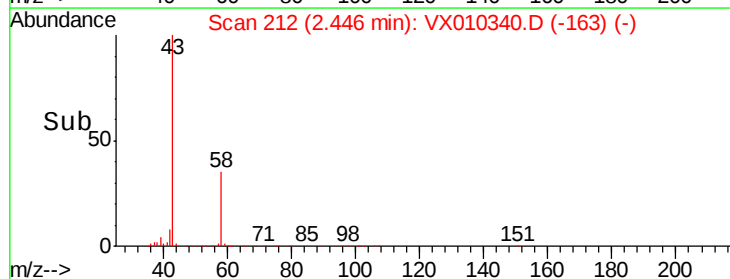
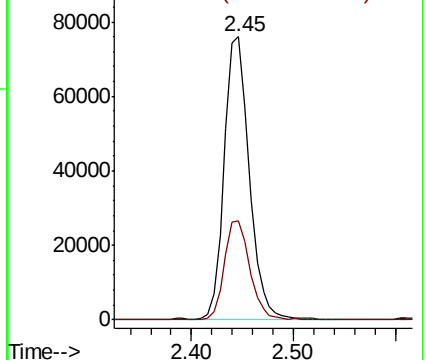
43 100

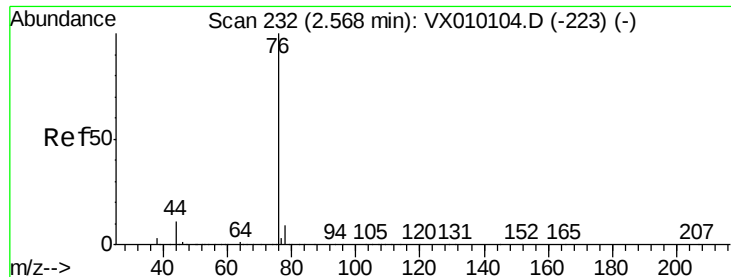
58 34.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.866 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

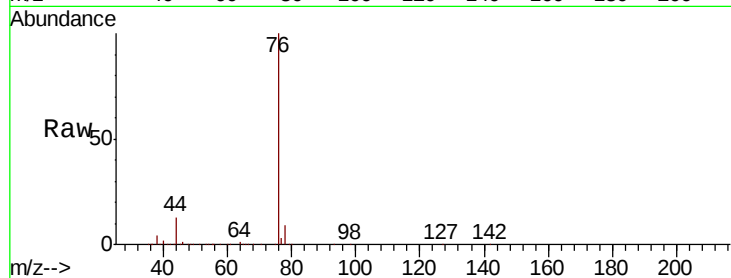
ClientSampleId :

Tot Ion: 76 Resp: 111064

Ion Ratio Lower Upper

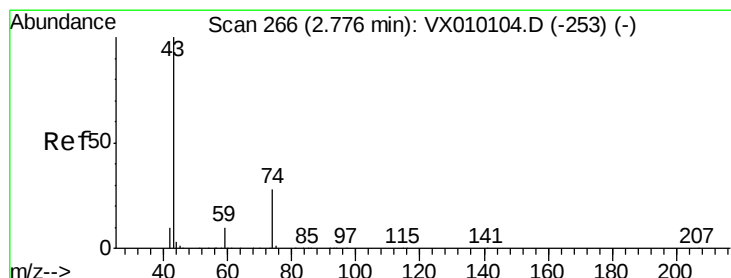
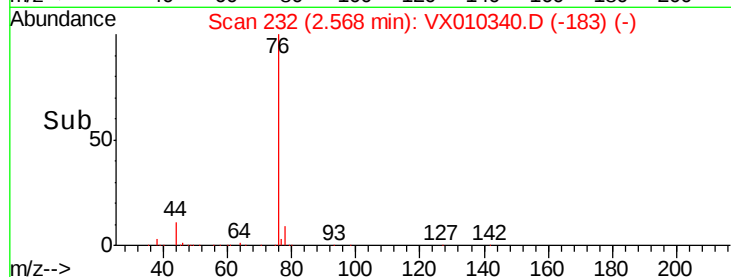
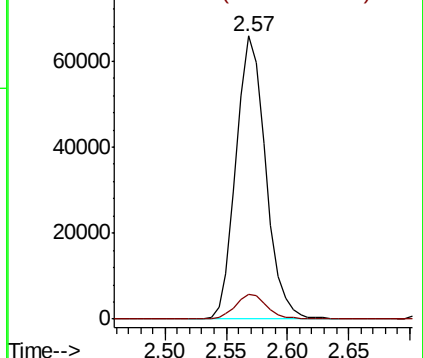
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.667 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010340.D

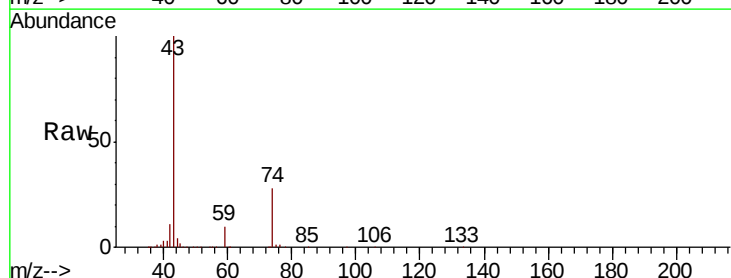
Acq: 18 Jun 2019 14:02

Tgt Ion: 43 Resp: 62975

Ion Ratio Lower Upper

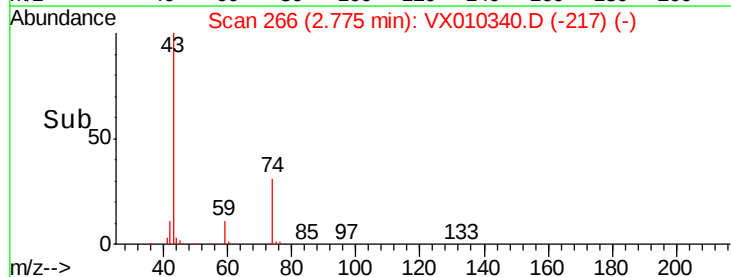
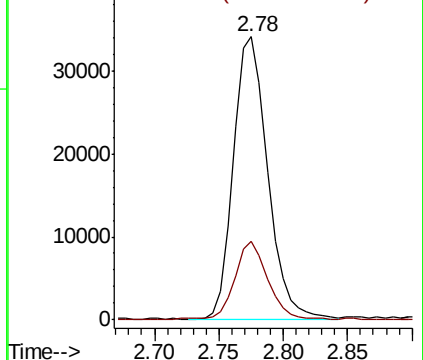
43 100

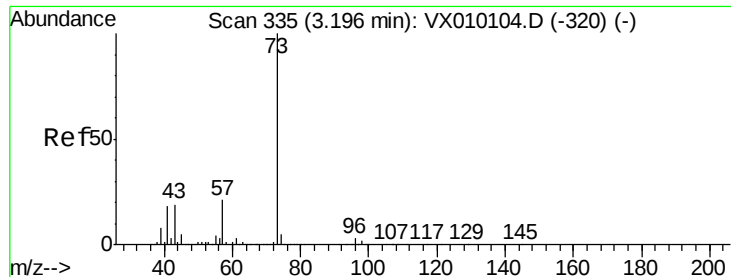
74 27.1 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



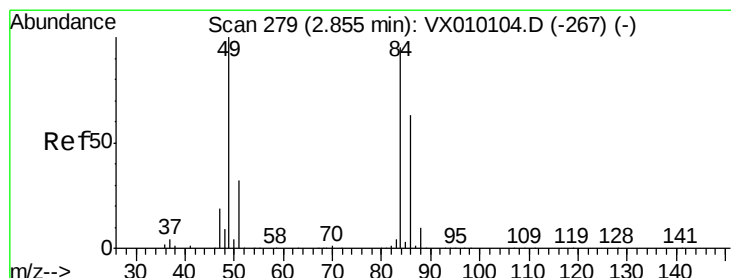
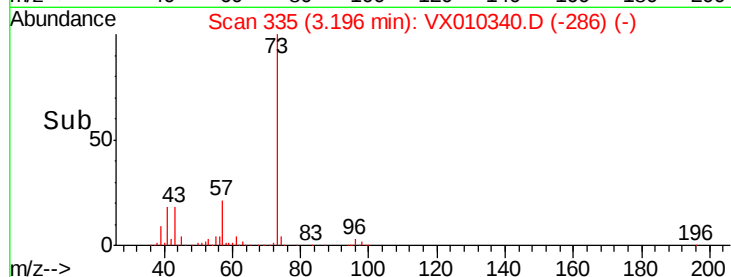
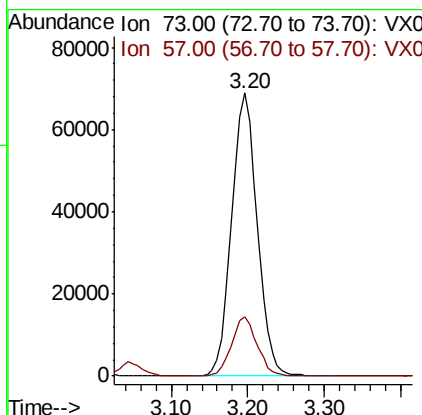
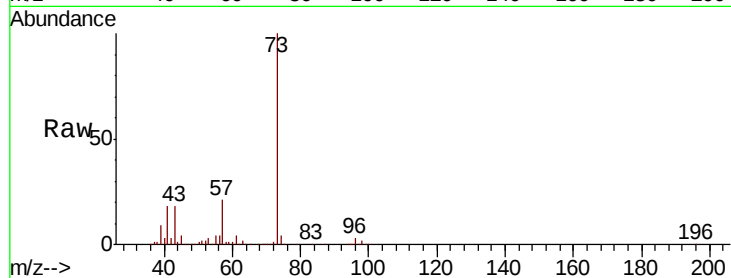


#19

Methyl tert-butyl Ether
 Concen: 19.276 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

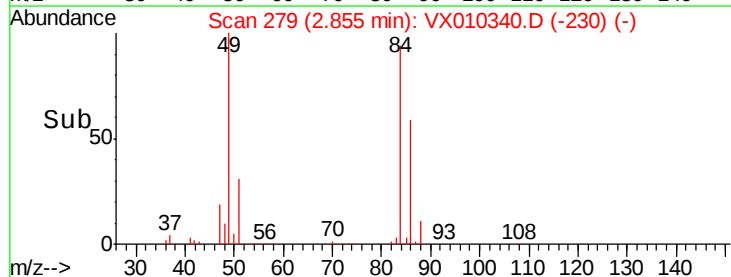
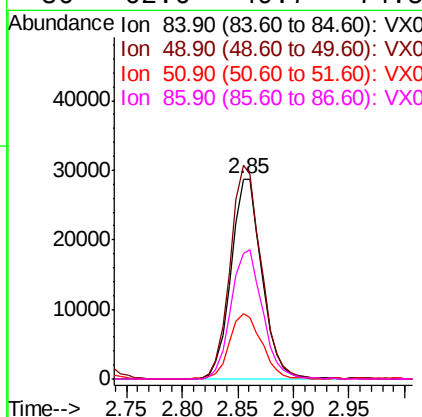
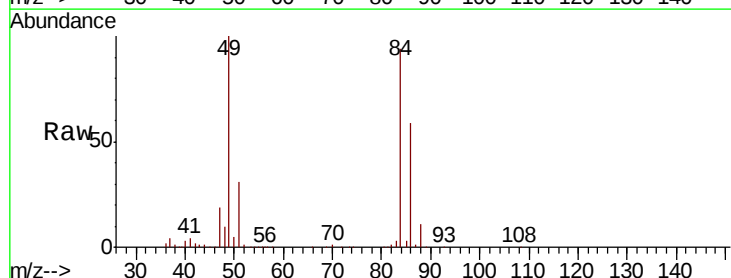
Tot Ion: 73 Resp: 160128
 Ion Ratio Lower Upper
 73 100
 57 20.9 19.4 29.2

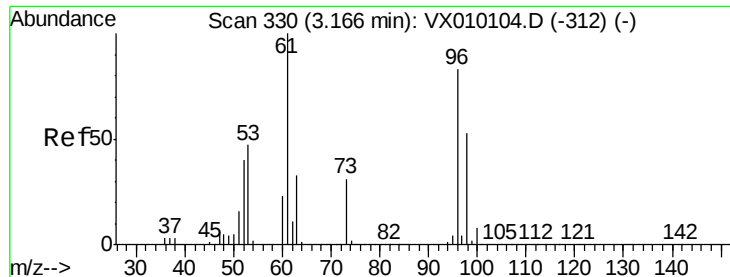


#20

Methylene Chloride
 Concen: 19.073 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion: 84 Resp: 55358
 Ion Ratio Lower Upper
 84 100
 49 106.6 115.8 173.6#
 51 32.6 34.4 51.6#
 86 62.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.714 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

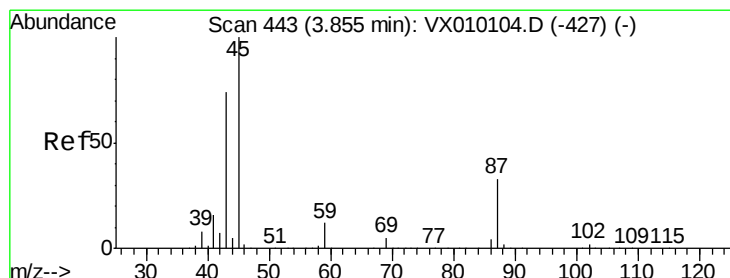
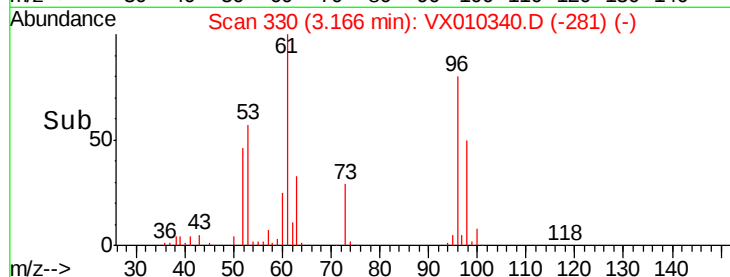
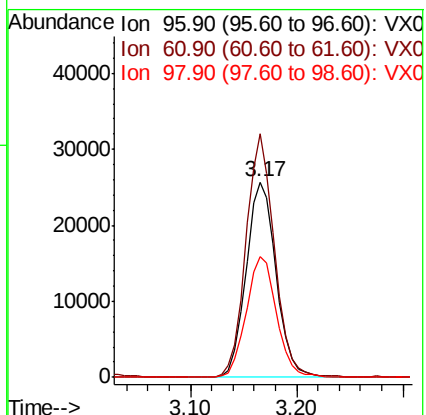
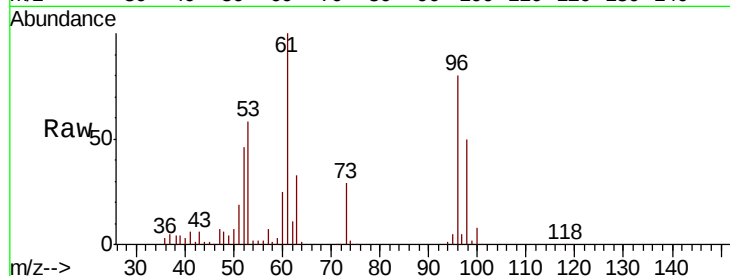
Tot Ion: 96 Resp: 50687

Ion Ratio Lower Upper

96 100

61 124.8 125.7 188.5#

98 62.1 49.0 73.6



#22

Diisopropyl ether

Concen: 20.013 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion: 45 Resp: 149339

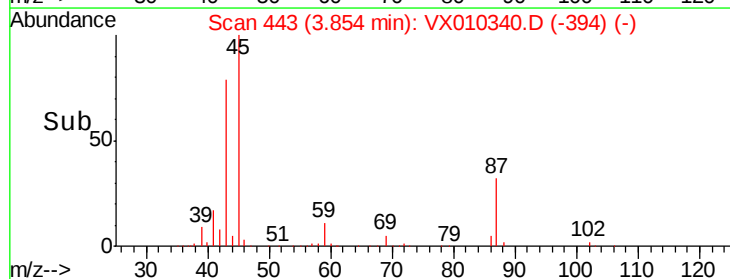
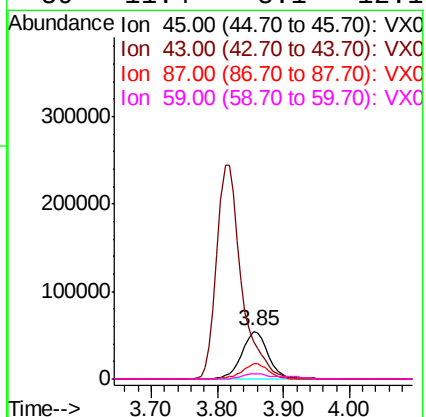
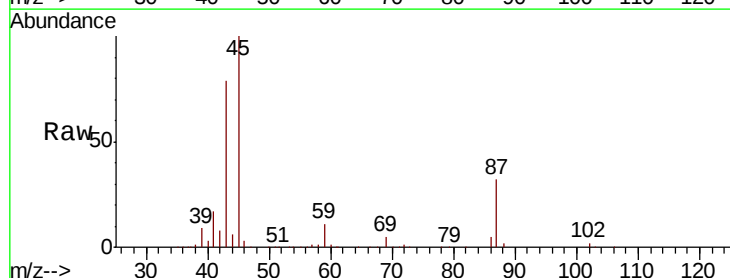
Ion Ratio Lower Upper

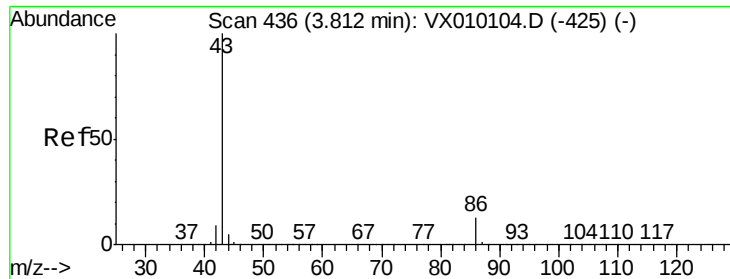
45 100

43 78.6 65.0 97.4

87 31.8 17.3 25.9#

59 11.4 8.1 12.1





#23

Vinyl Acetate

Concen: 96.629 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

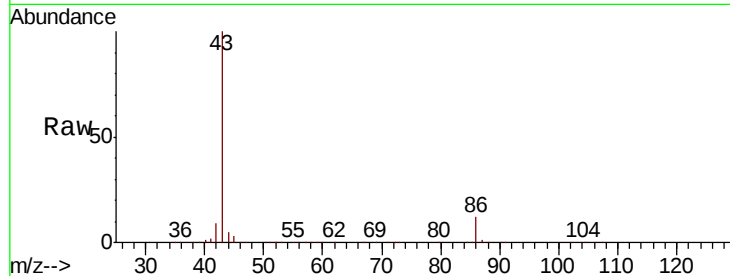
ClientSampled :

Tot Ion: 43 Resp: 643274

Ion Ratio Lower Upper

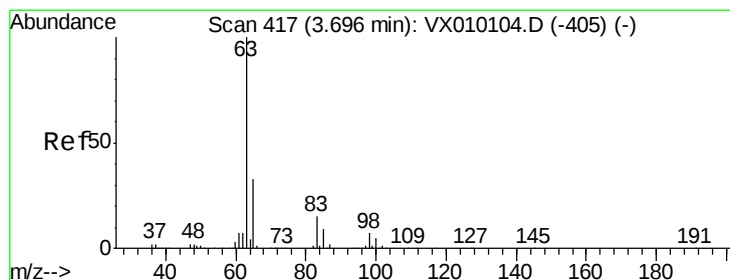
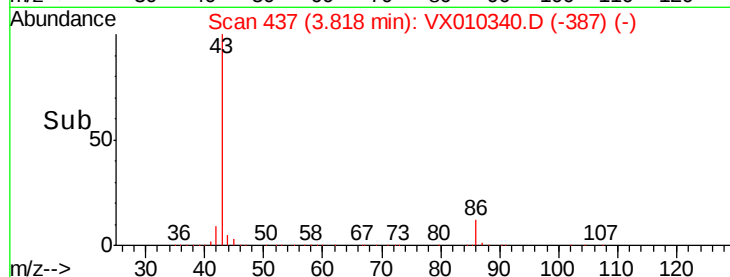
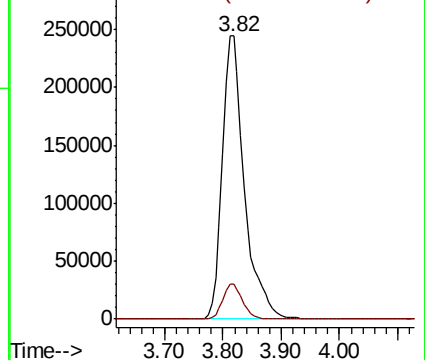
43 100

86 12.4 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.904 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

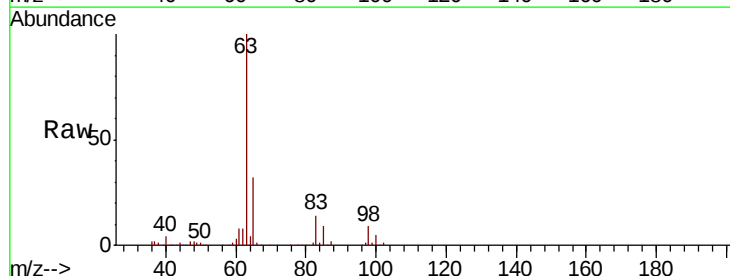
Tgt Ion: 63 Resp: 85649

Ion Ratio Lower Upper

63 100

98 8.6 2.9 8.8

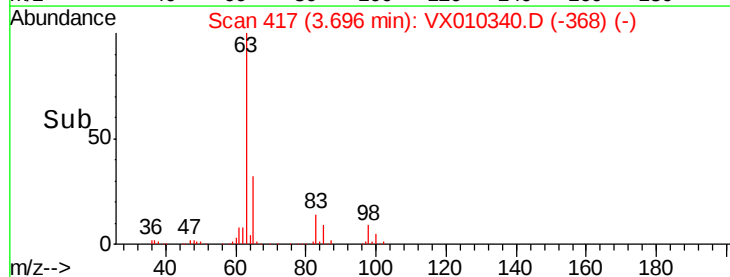
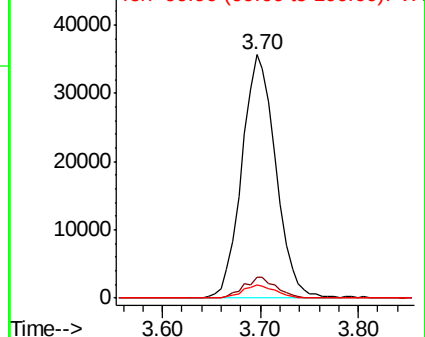
100 5.2 1.8 5.4

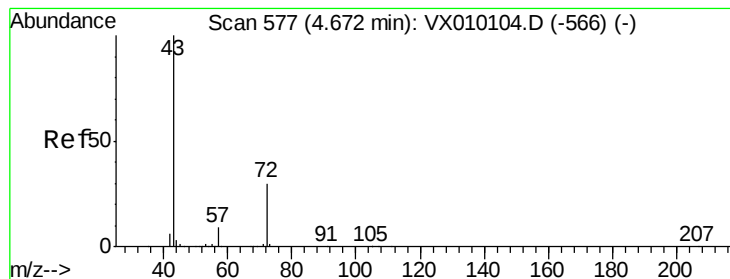


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.421 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

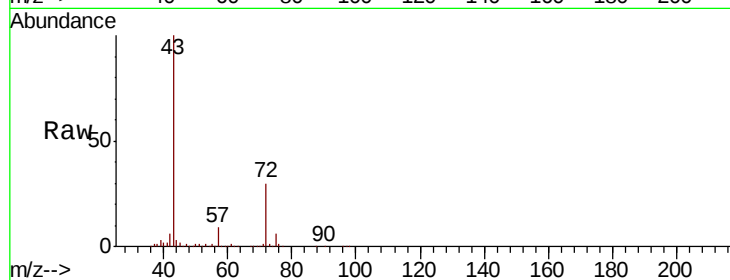
ClientSampled :

Tot Ion: 43 Resp: 199597

Ion Ratio Lower Upper

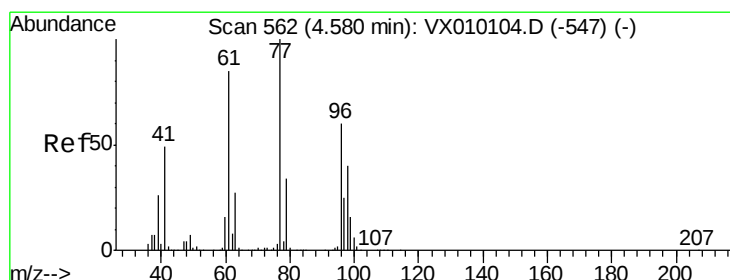
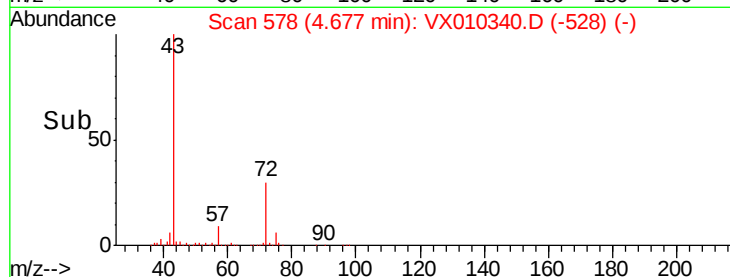
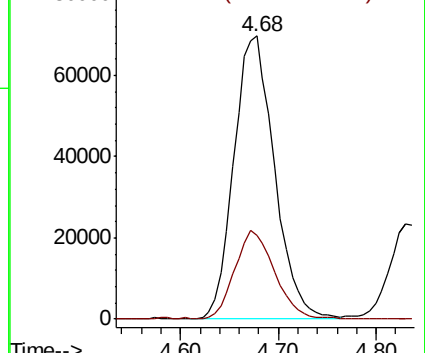
43 100

72 29.7 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: 17.073 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010340.D

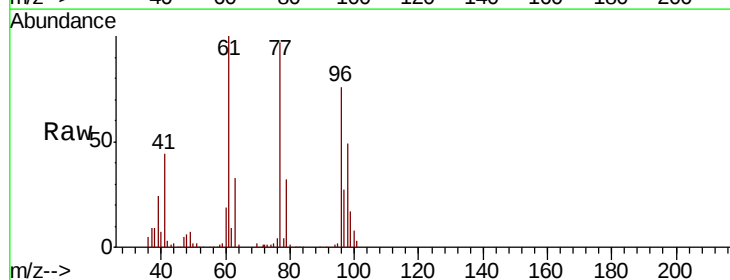
Acq: 18 Jun 2019 14:02

Tgt Ion: 77 Resp: 70569

Ion Ratio Lower Upper

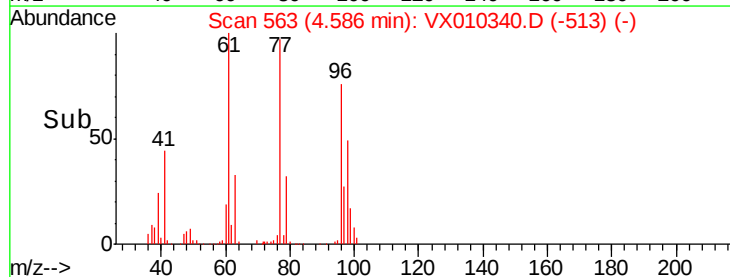
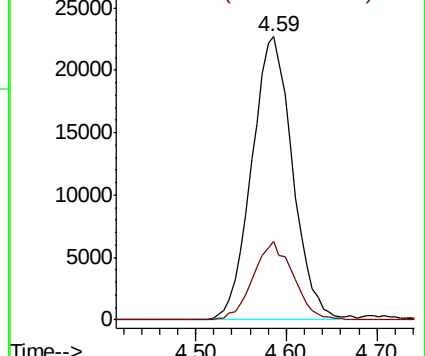
77 100

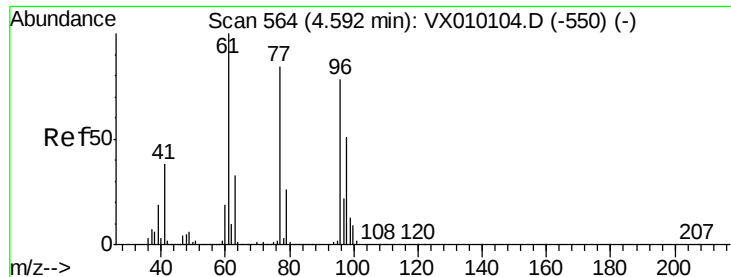
97 27.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



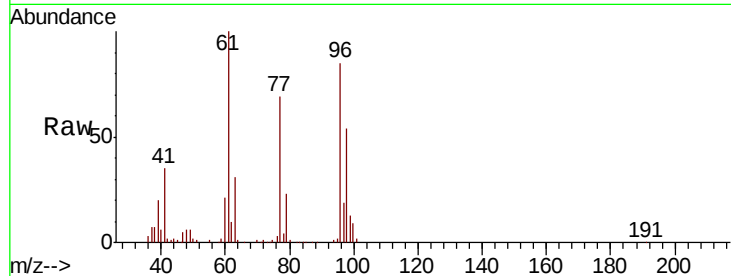


#27

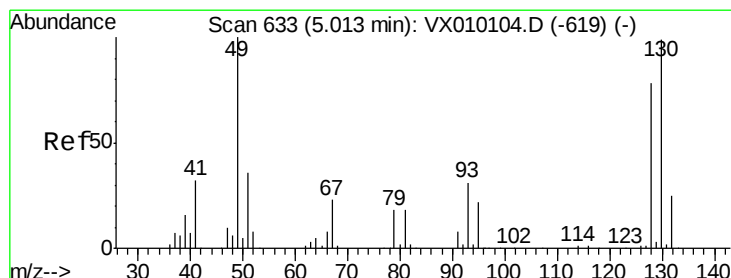
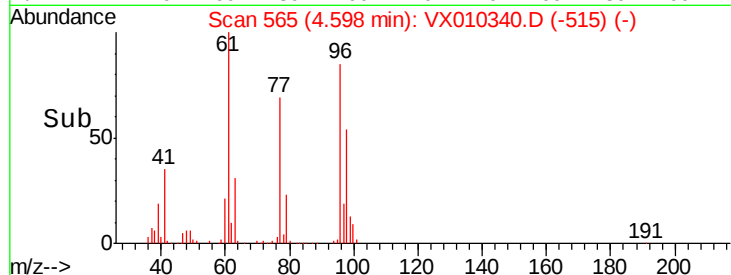
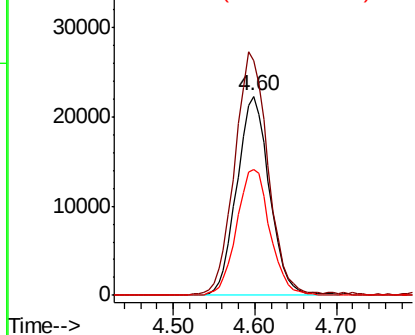
cis-1,2-Dichloroethene
Concen: 19.422 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 61827
Ion Ratio Lower Upper
96 100
61 124.6 0.0 334.0
98 64.9 0.0 131.6



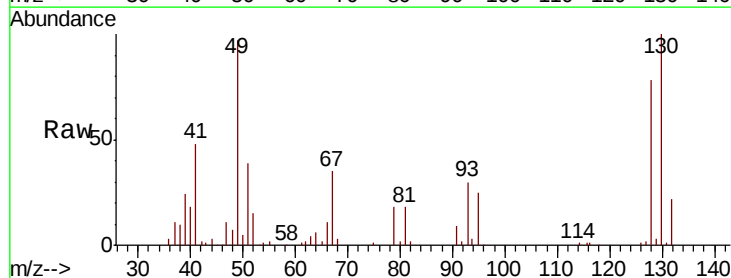
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



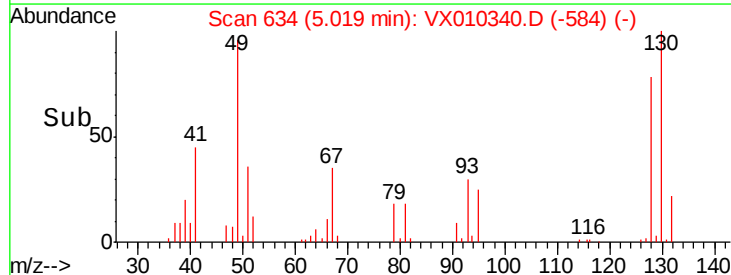
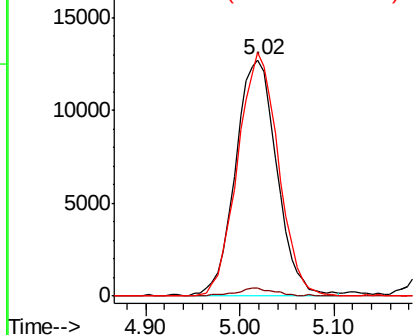
#28

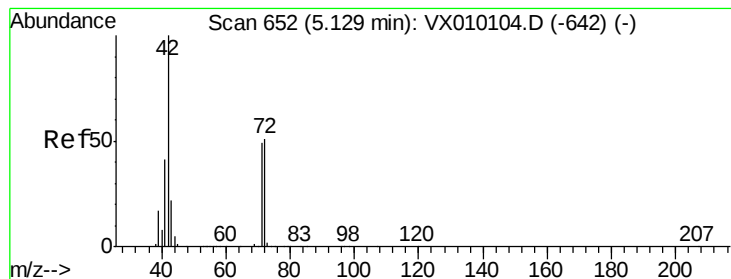
Bromochloromethane
Concen: 19.193 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 49 Resp: 38972
Ion Ratio Lower Upper
49 100
129 3.1 0.0 3.4
130 101.3 49.4 74.2#



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





#29

Tetrahydrofuran

Concen: 100.415 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

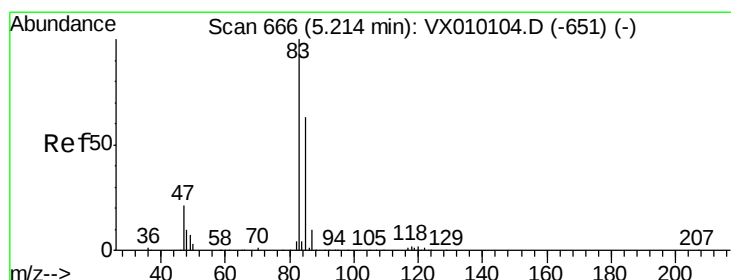
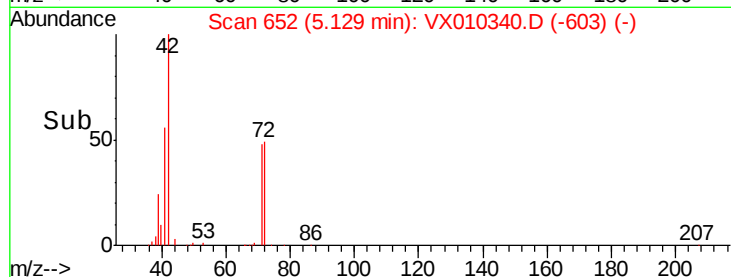
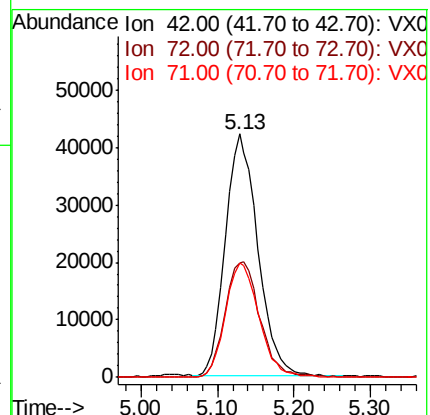
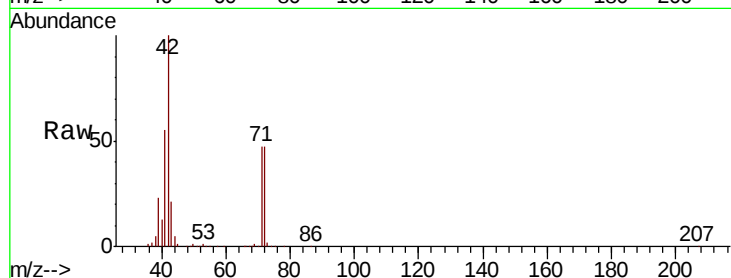
Tot Ion: 42 Resp: 124193

Ion Ratio Lower Upper

42 100

72 51.3 29.2 43.8#

71 48.6 27.6 41.4#



#30

Chloroform

Concen: 19.332 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010340.D

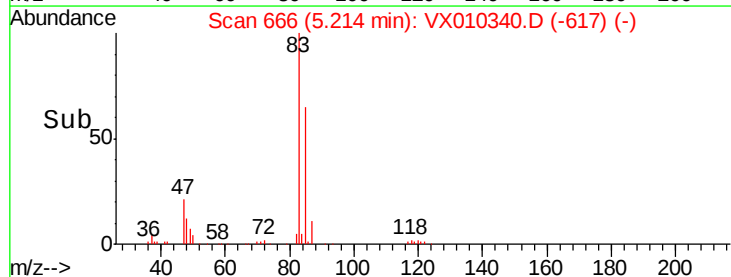
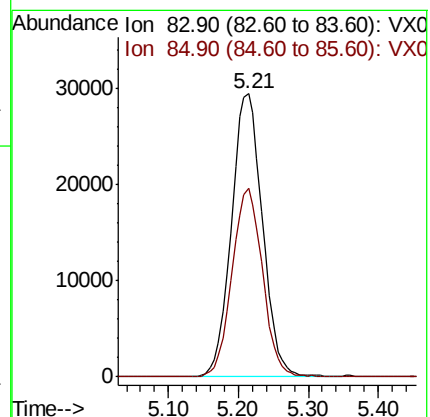
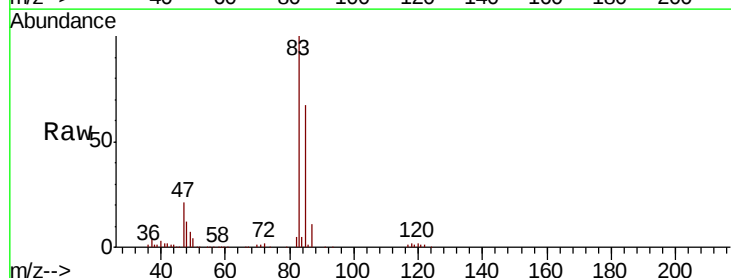
Acq: 18 Jun 2019 14:02

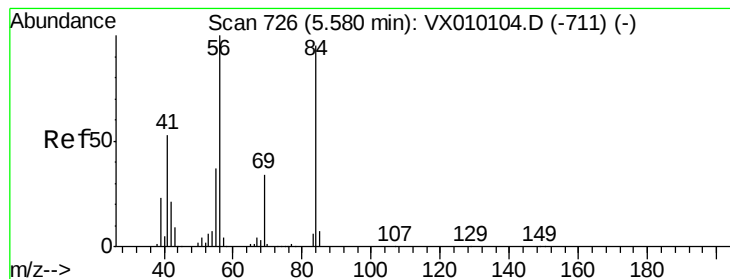
Tgt Ion: 83 Resp: 90964

Ion Ratio Lower Upper

83 100

85 66.5 52.6 78.8





#31

Cyclohexane

Concen: 18.045 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

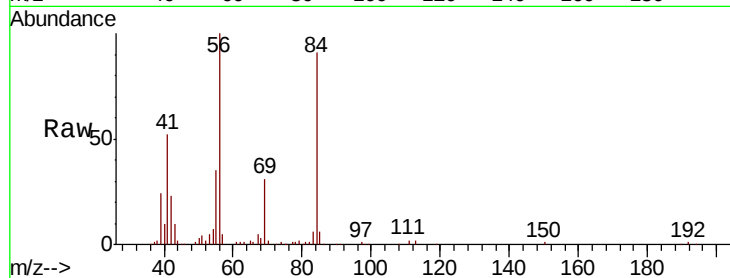
Tot Ion: 56 Resp: 73789

Ion Ratio Lower Upper

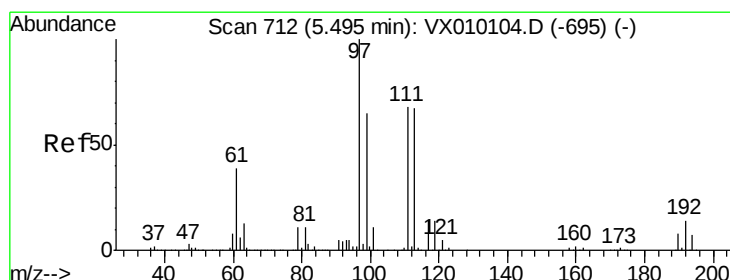
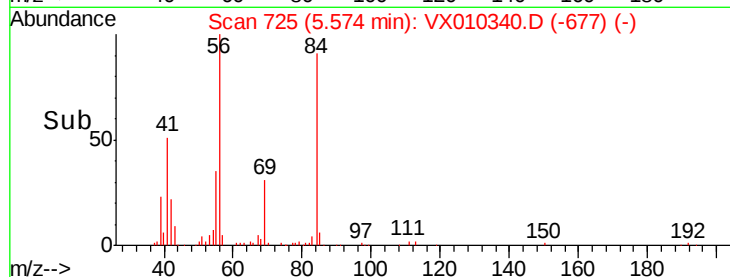
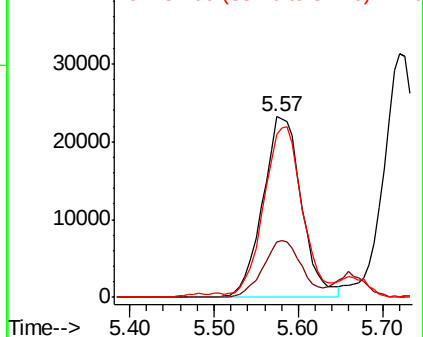
56 100

69 30.4 21.6 32.4

84 89.1 56.8 85.2#



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



#32

1,1,1-Trichloroethane

Concen: 18.152 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

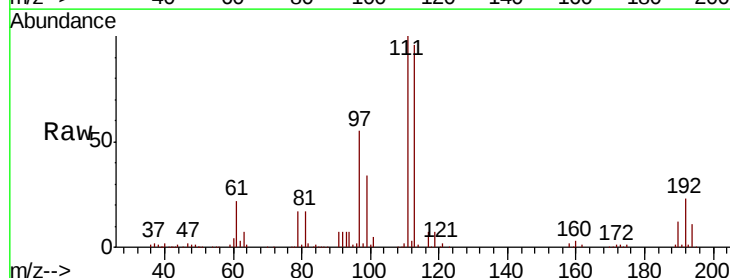
Tgt Ion: 97 Resp: 80296

Ion Ratio Lower Upper

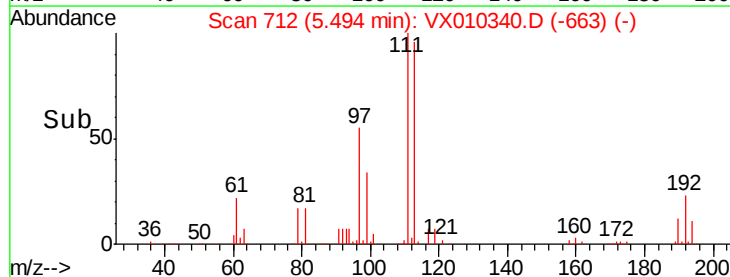
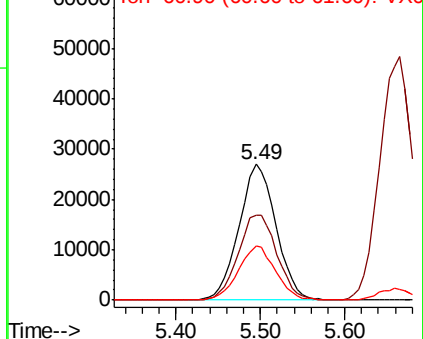
97 100

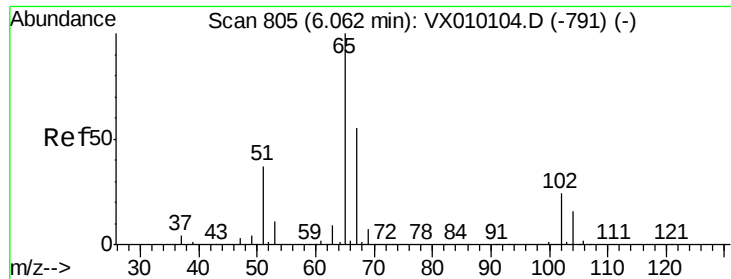
99 65.6 51.0 76.4

61 40.2 38.7 58.1



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

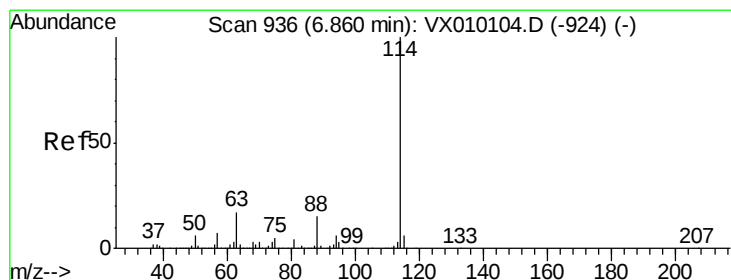
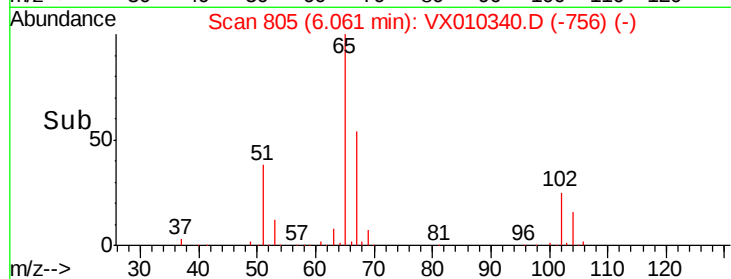
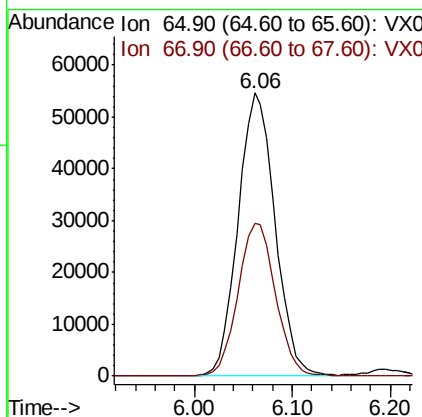
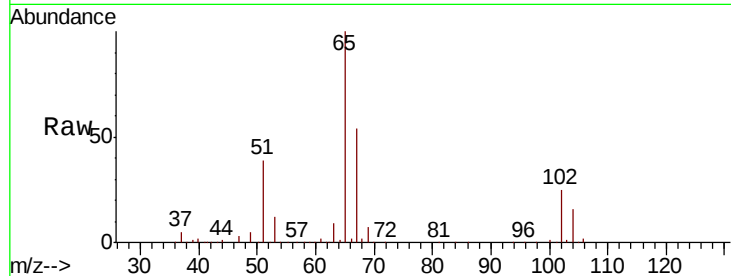




#33
 1,2-Dichloroethane-d4
 Concen: 50.957 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

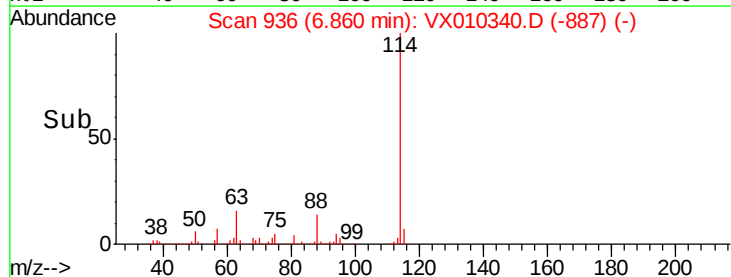
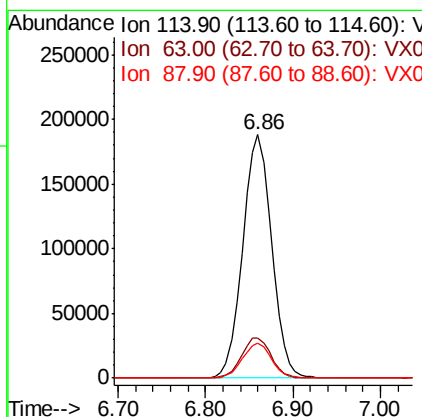
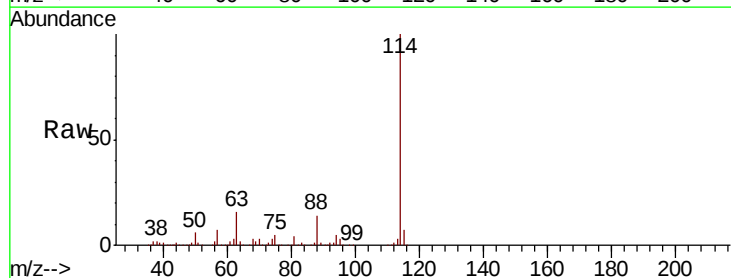
Instrument :
 MSVOA_X
 ClientSampleId :

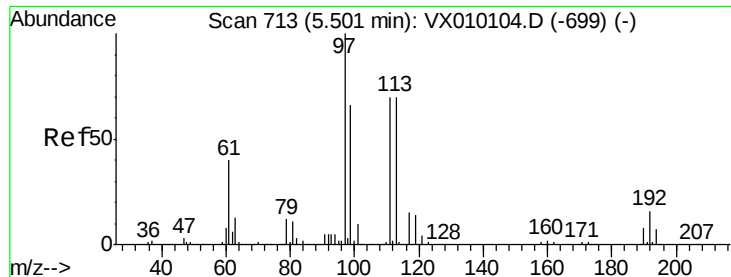
Tot Ion: 65 Resp: 143184
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion: 114 Resp: 433067
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 47.4
 88 14.4 0.0 33.0

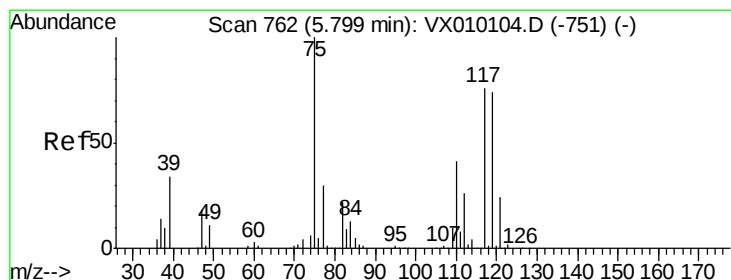
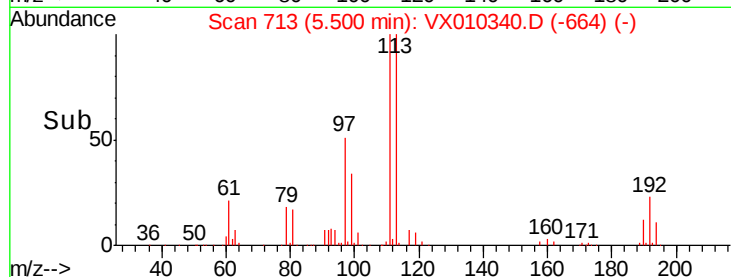
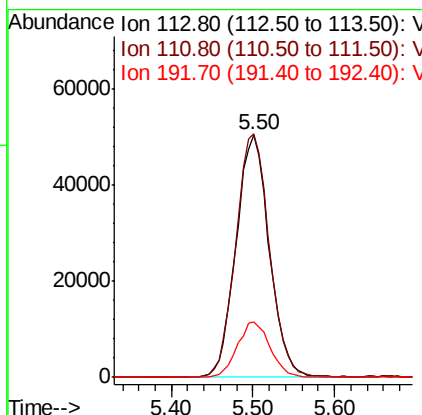
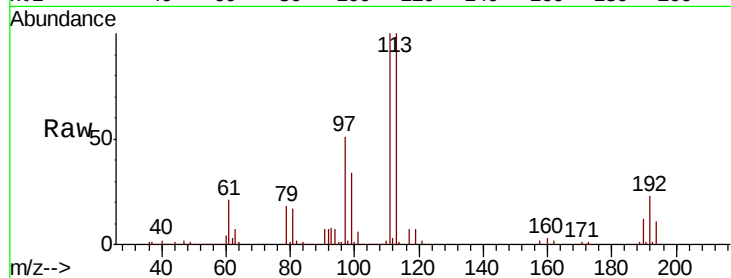




#35
Dibromofluoromethane
Concen: 53.090 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

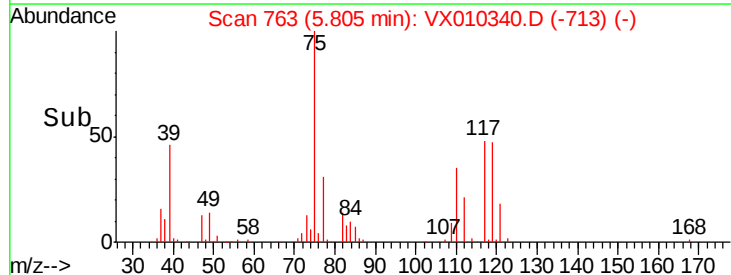
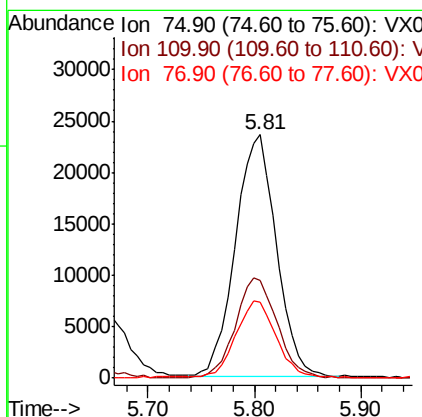
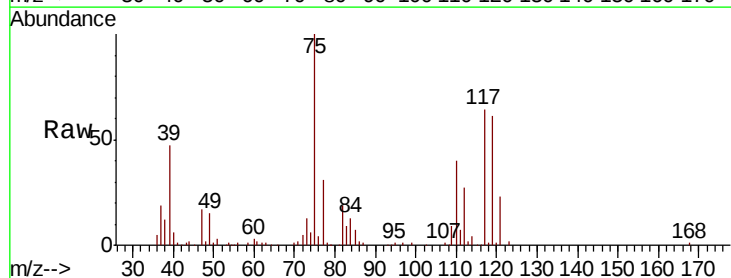
Instrument :
MSVOA_X
ClientSampled :

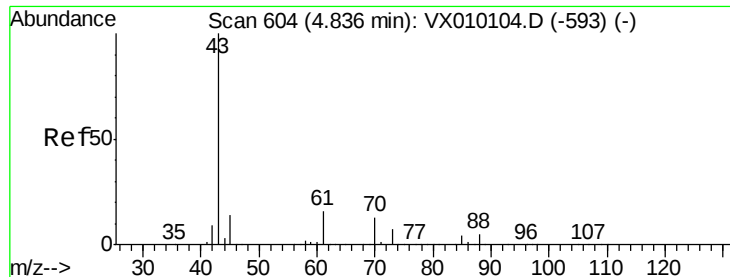
Tot Ion:113 Resp: 141817
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 22.9 17.1 25.7



#36
1,1-Dichloropropene
Concen: 18.000 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 75 Resp: 63597
Ion Ratio Lower Upper
75 100
110 42.1 16.7 50.1
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 19.724 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

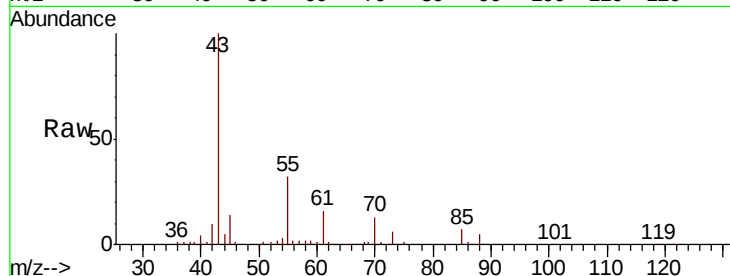
Tot Ion: 43 Resp: 72509

Ion Ratio Lower Upper

43 100

61 16.2 10.2 15.2#

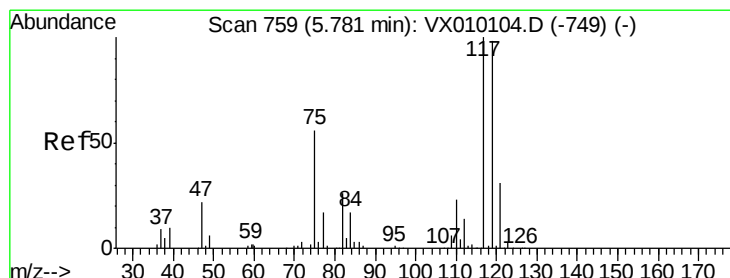
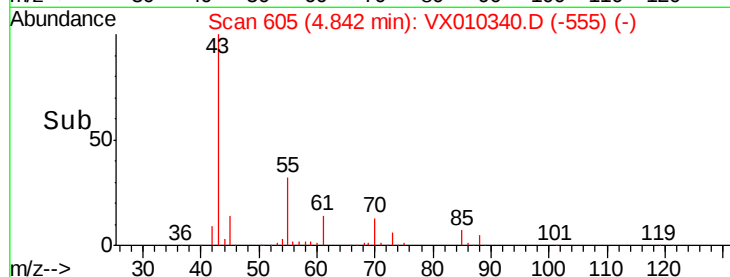
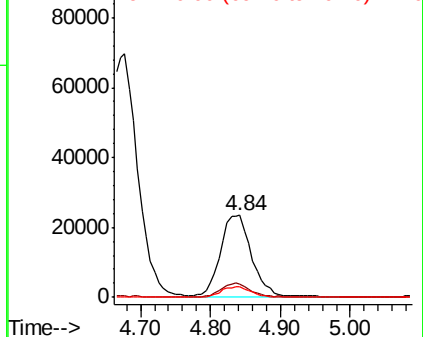
70 12.7 7.4 11.2#



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: 17.637 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

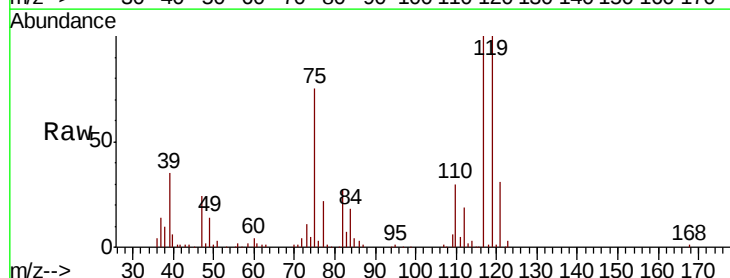
Tgt Ion: 117 Resp: 70533

Ion Ratio Lower Upper

117 100

119 100.0 77.3 115.9

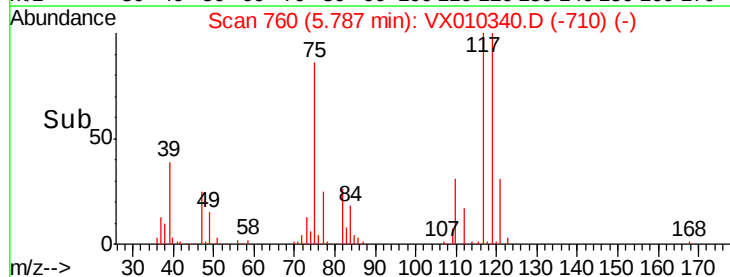
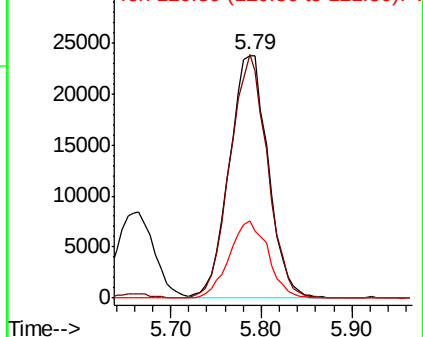
121 31.6 25.4 38.0

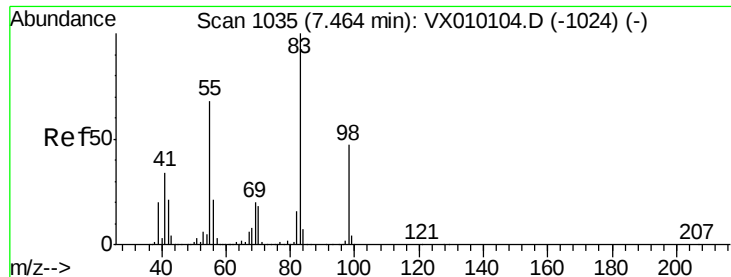


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

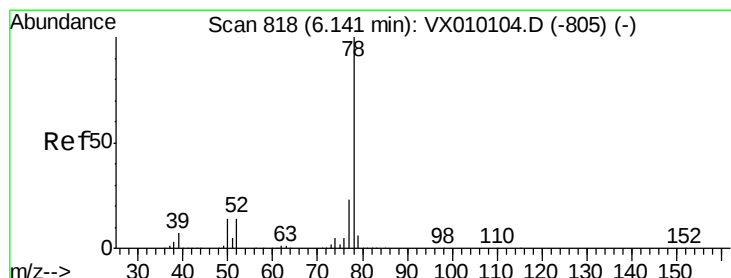
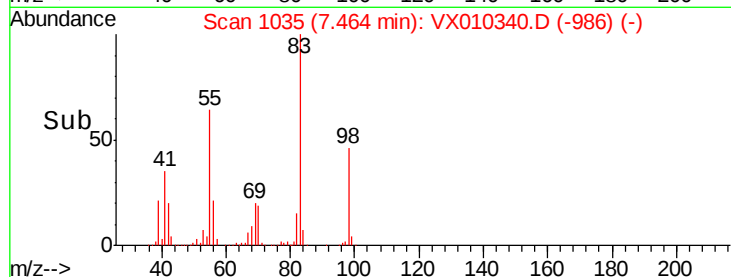
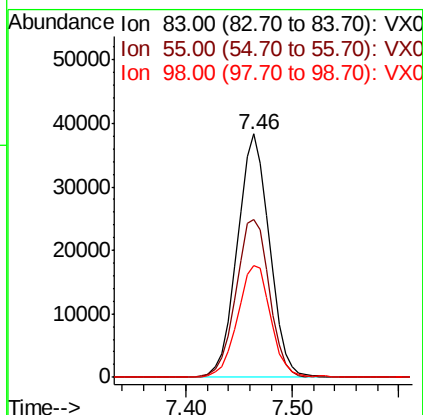
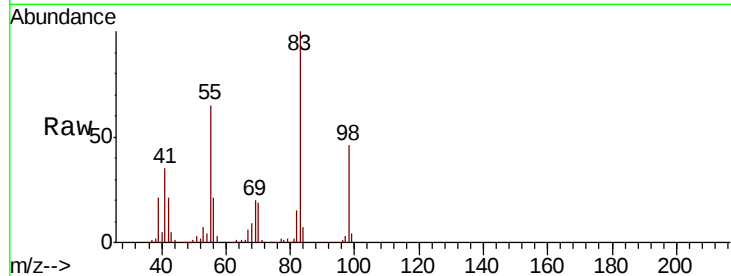




#39
Methvlcvclohexane
Concen: 16.947 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

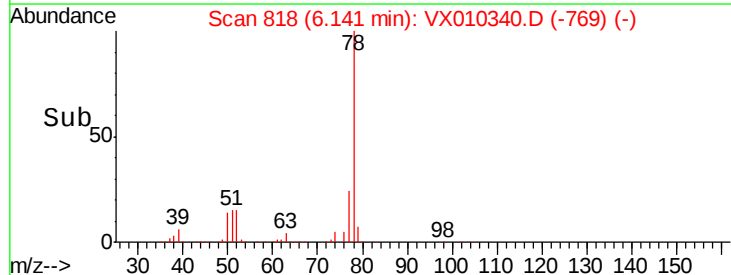
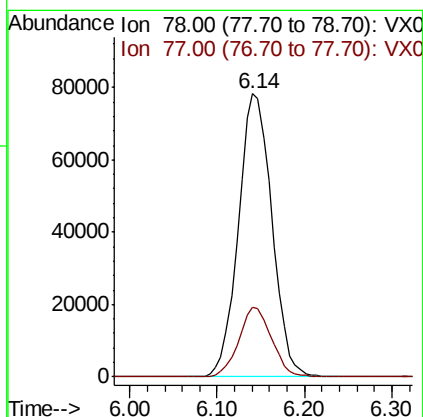
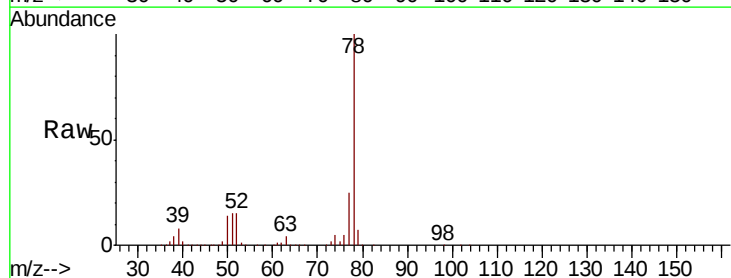
Instrument :
MSVOA_X
ClientSampleId :

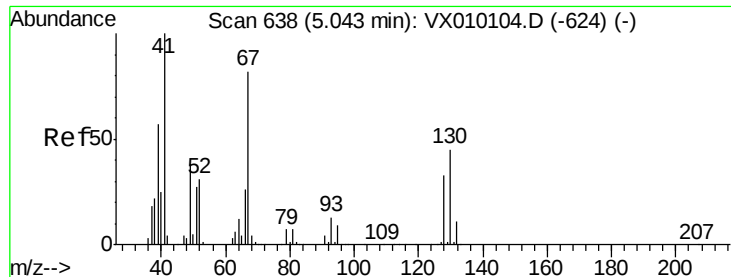
Tot Ion: 83 Resp: 81533
Ion Ratio Lower Upper
83 100
55 64.5 69.9 104.9#
98 46.2 35.1 52.7



#40
Benzene
Concen: 19.073 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 78 Resp: 208382
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

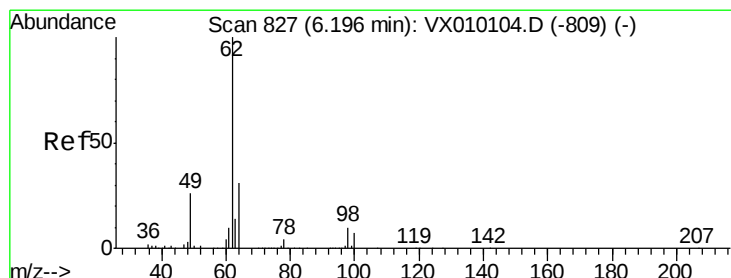
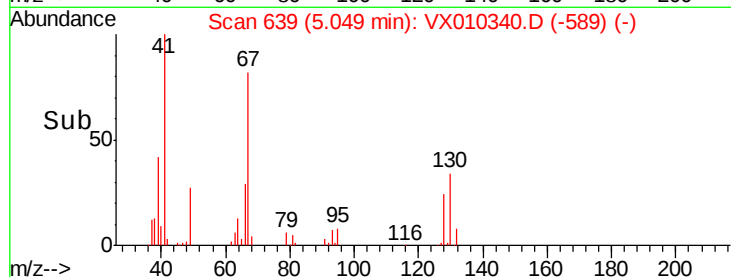
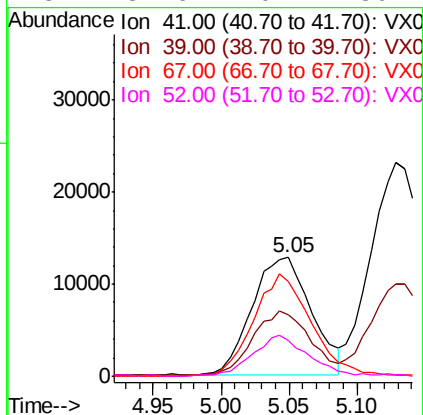
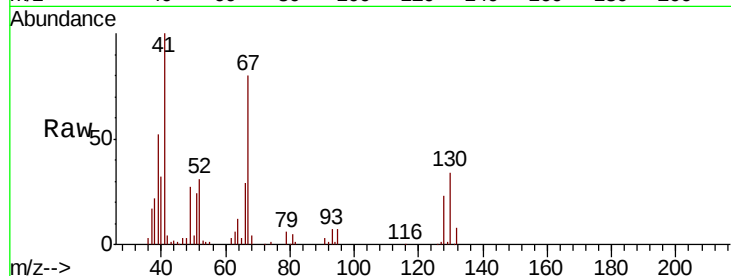




#41
Methacrylonitrile
Concen: 19.678 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

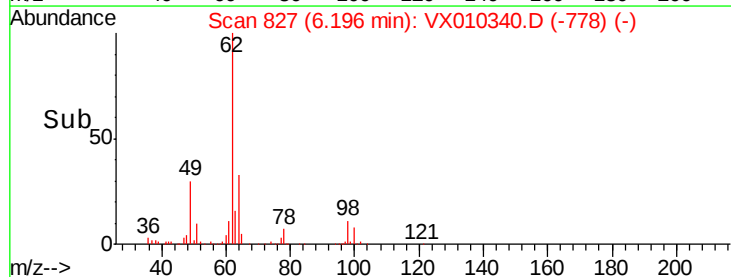
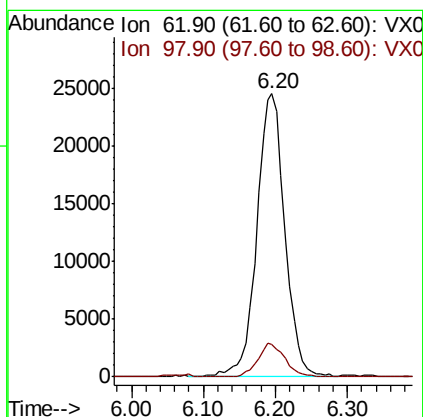
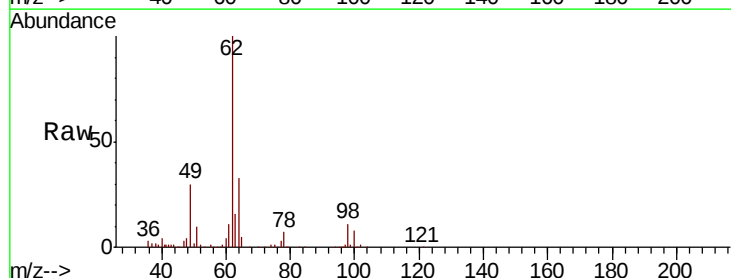
Instrument :
MSVOA_X
ClientSampled :

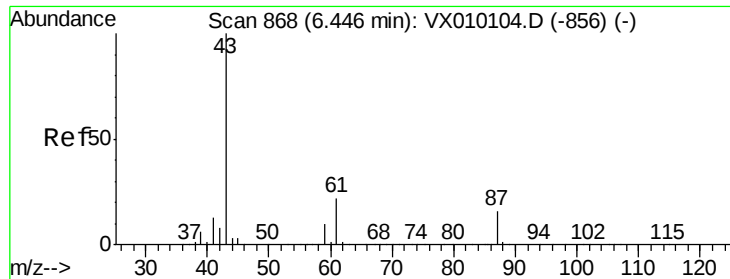
Tot Ion: 41 Resp: 39130
Ion Ratio Lower Upper
41 100
39 53.0 42.2 63.4
67 83.8 48.9 73.3#
52 32.6 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 19.001 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 62 Resp: 66274
Ion Ratio Lower Upper
62 100
98 11.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.289 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

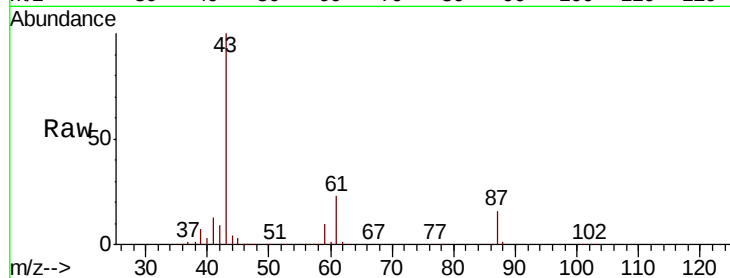
Tot Ion: 43 Resp: 118562

Ion Ratio Lower Upper

43 100

61 22.2 14.6 21.8#

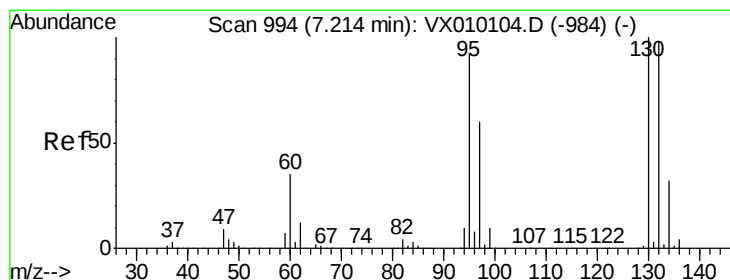
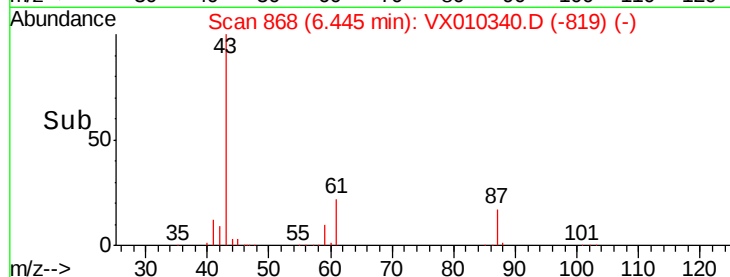
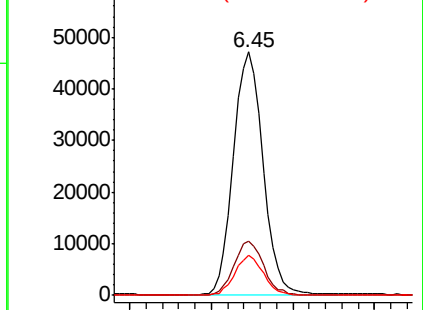
87 16.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.946 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010340.D

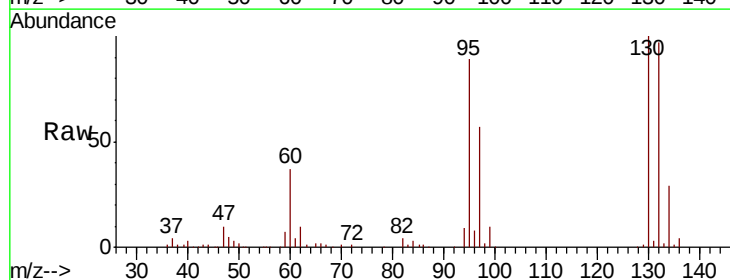
Acq: 18 Jun 2019 14:02

Tgt Ion:130 Resp: 62393

Ion Ratio Lower Upper

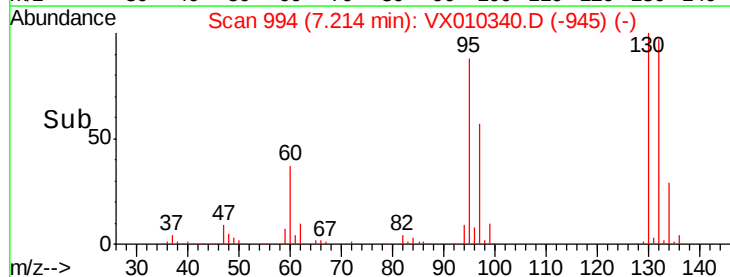
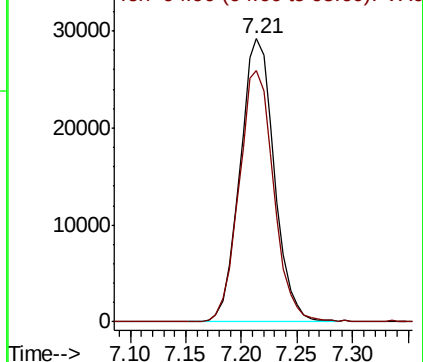
130 100

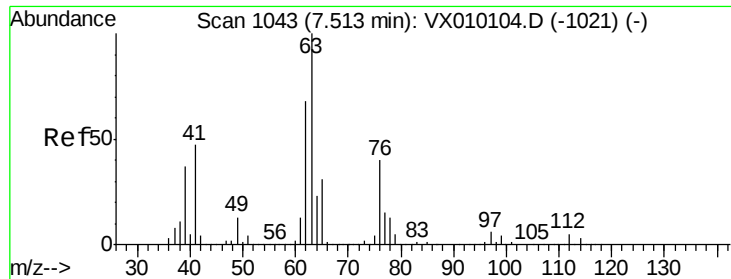
95 88.8 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.332 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

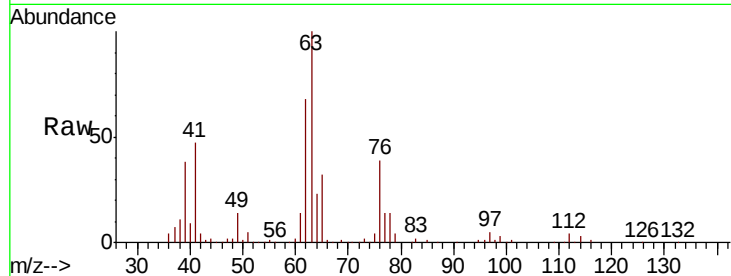
ClientSampled :

Tot Ion: 63 Resp: 52864

Ion Ratio Lower Upper

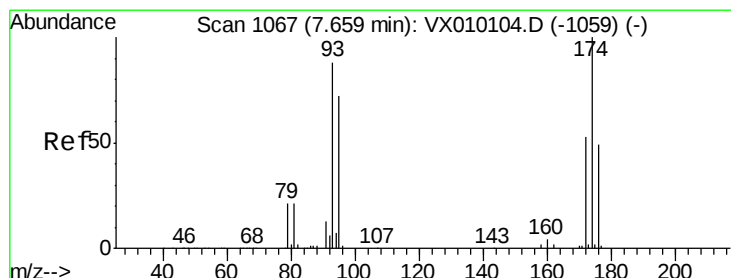
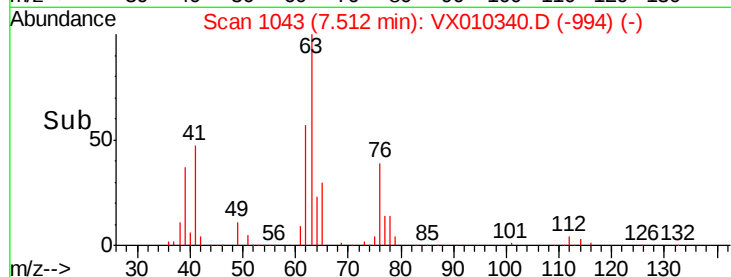
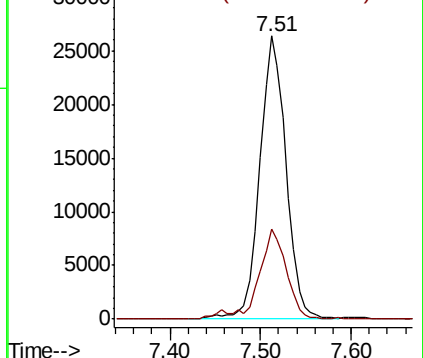
63 100

65 31.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.953 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

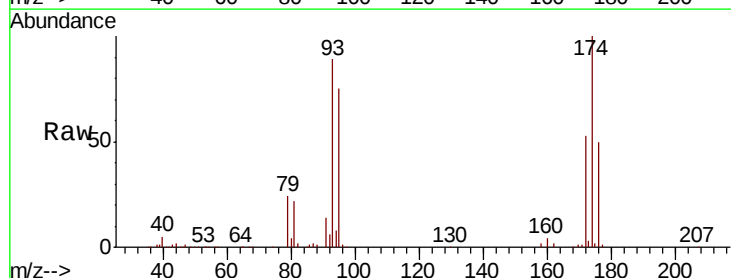
Tgt Ion: 93 Resp: 38828

Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

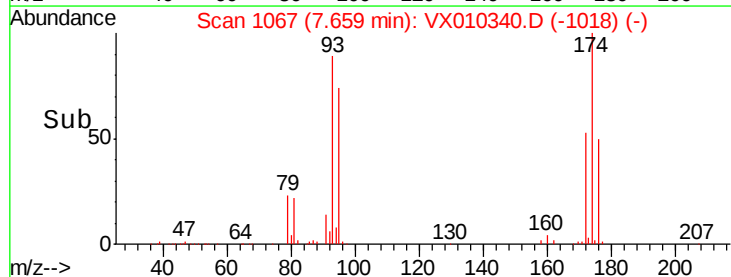
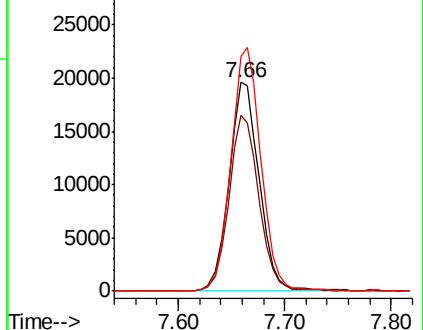
174 116.5 81.9 122.9

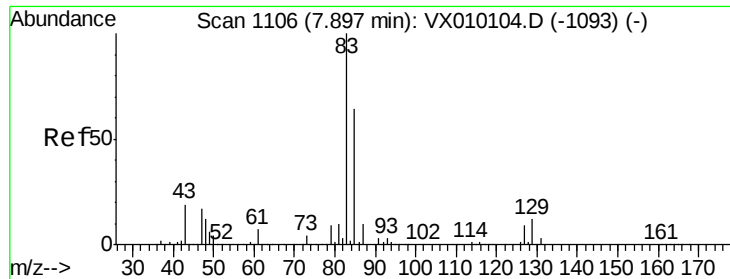


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.227 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

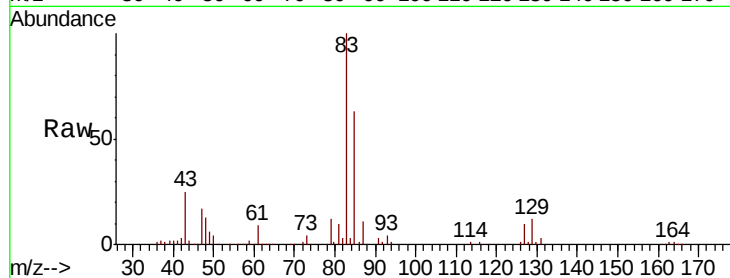
Tot Ion: 83 Resp: 69772

Ion Ratio Lower Upper

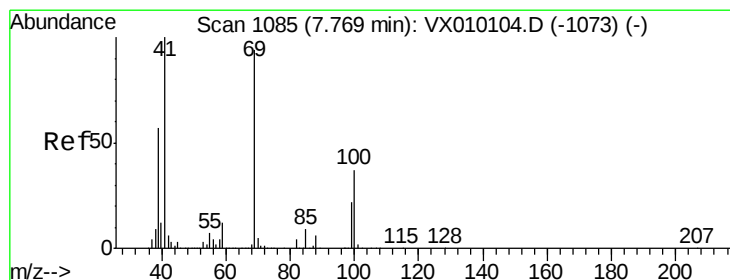
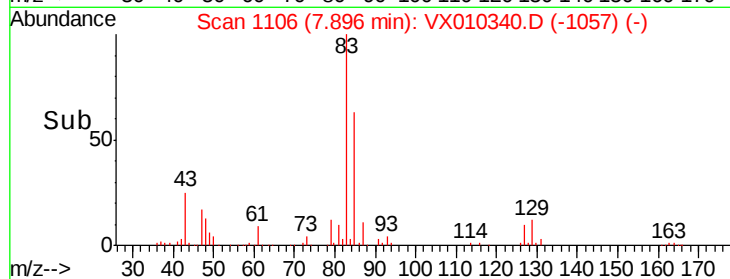
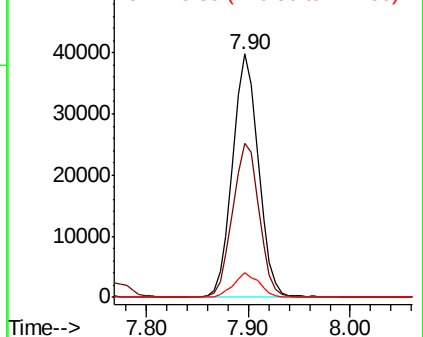
83 100

85 63.3 51.4 77.2

127 10.2 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: 19.631 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

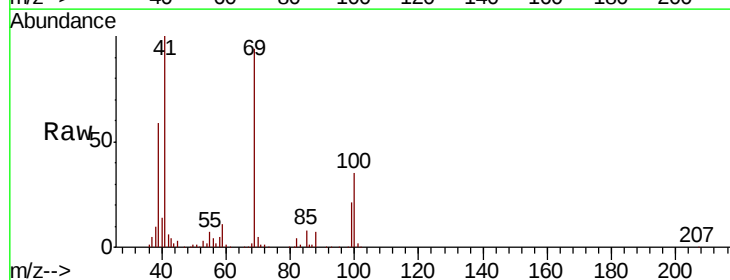
Tgt Ion: 41 Resp: 56431

Ion Ratio Lower Upper

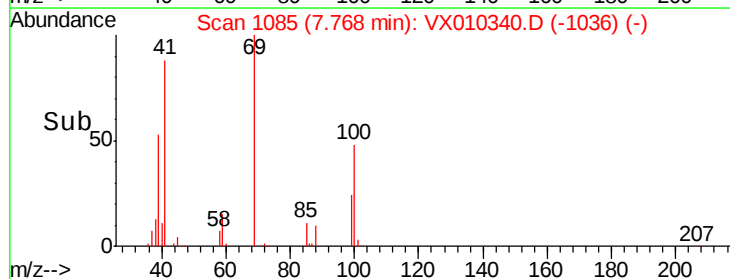
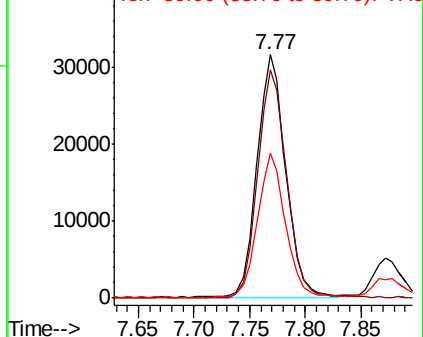
41 100

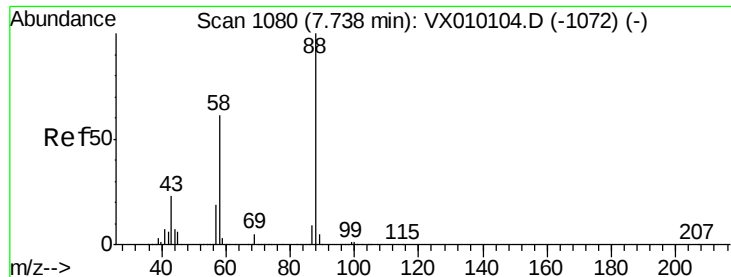
69 96.2 56.4 84.6#

39 58.2 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.494 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

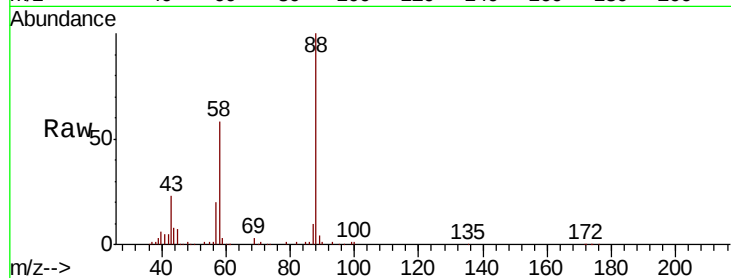
Tot Ion: 88 Resp: 33151

Ion Ratio Lower Upper

88 100

43 24.9 30.2 45.4#

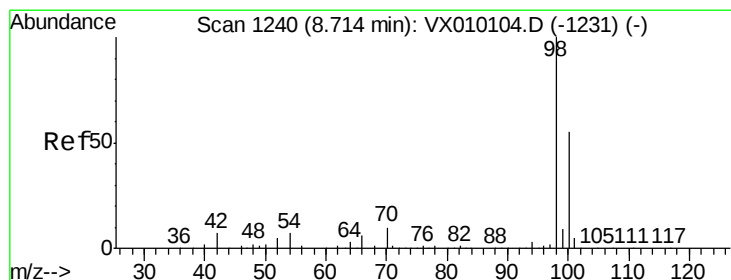
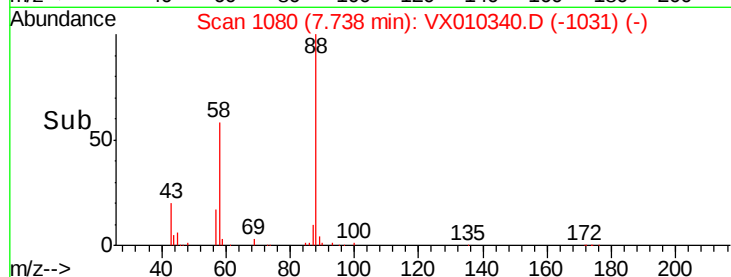
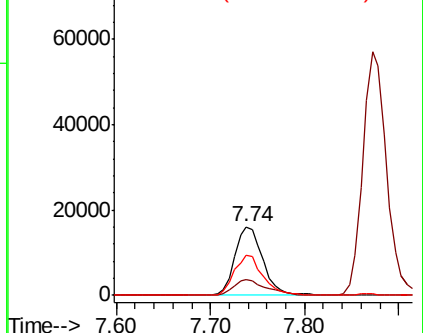
58 60.0 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.874 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010340.D

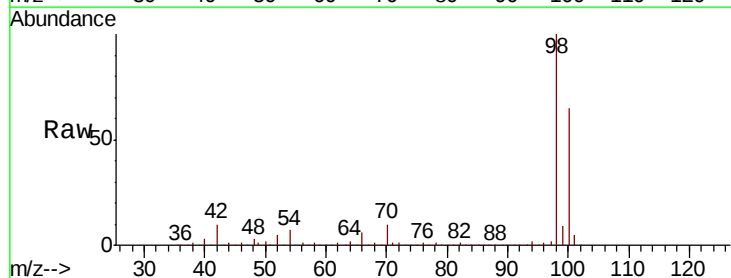
Acq: 18 Jun 2019 14:02

Tgt Ion: 98 Resp: 529349

Ion Ratio Lower Upper

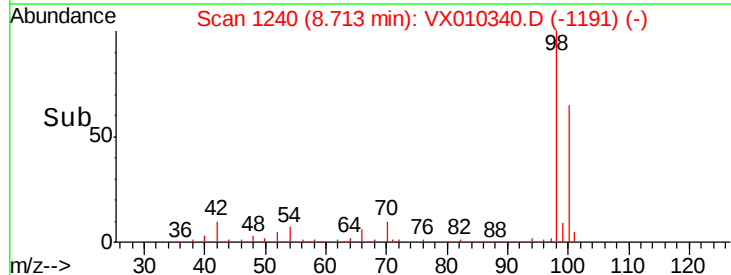
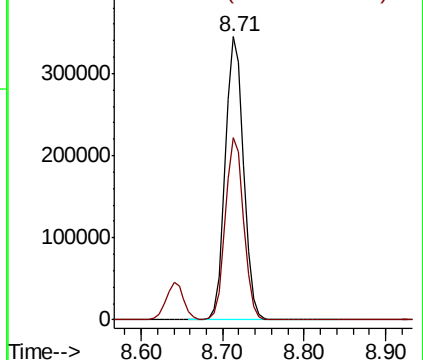
98 100

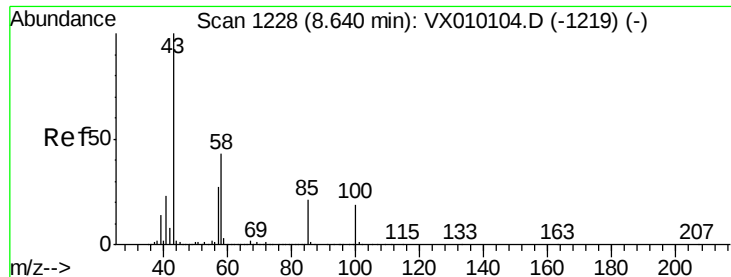
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.184 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

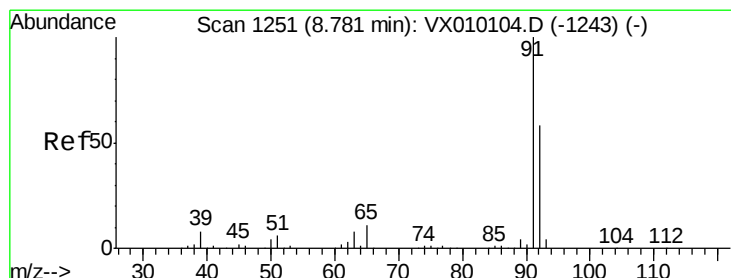
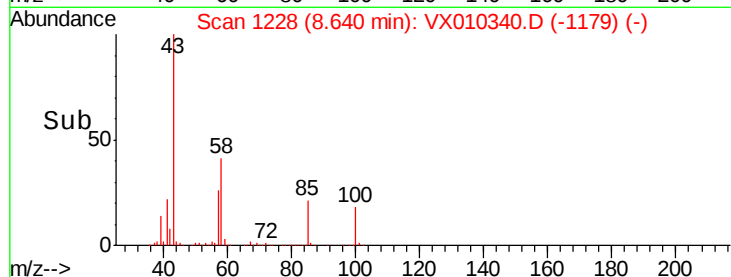
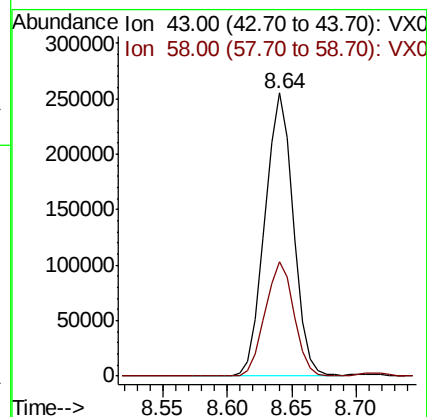
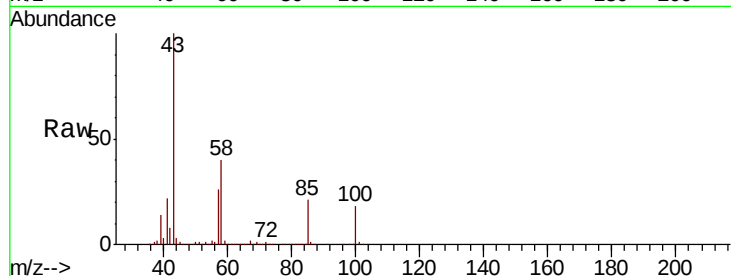
ClientSampled :

Tot Ion: 43 Resp: 389901

Ion Ratio Lower Upper

43 100

58 40.9 28.8 43.2



#52

Toluene

Concen: 19.262 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010340.D

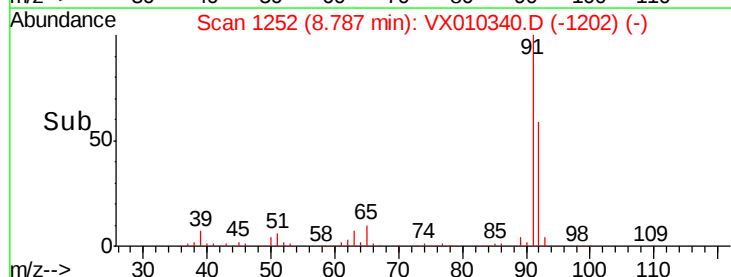
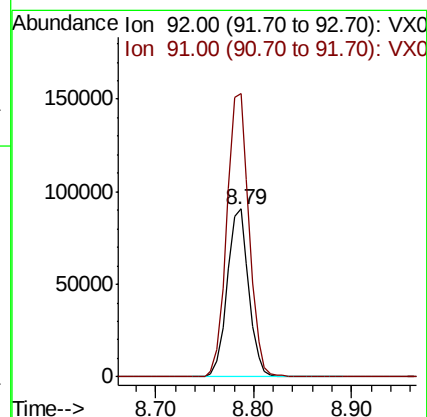
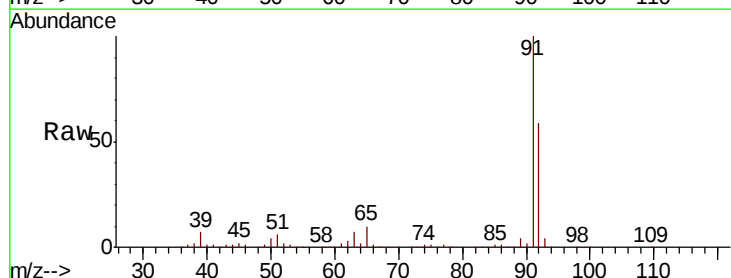
Acq: 18 Jun 2019 14:02

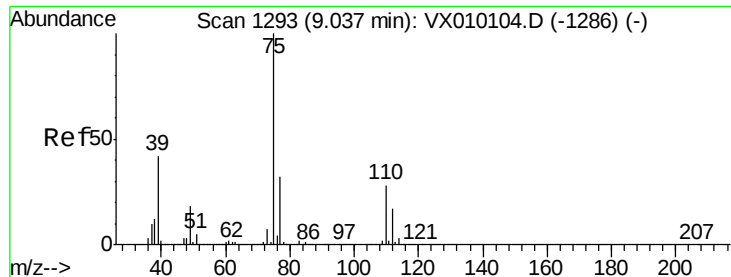
Tgt Ion: 92 Resp: 138336

Ion Ratio Lower Upper

92 100

91 174.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 17.243 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

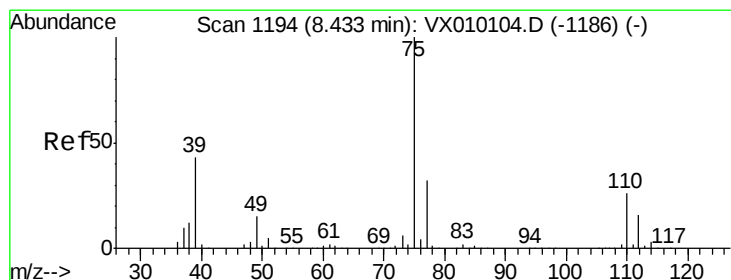
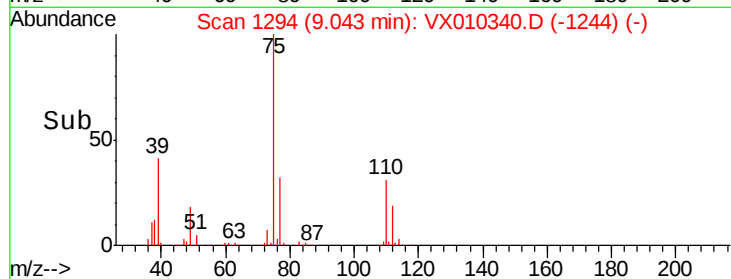
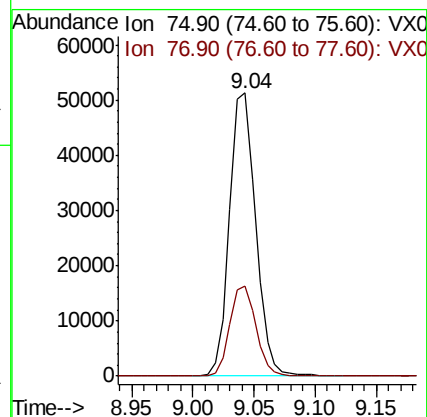
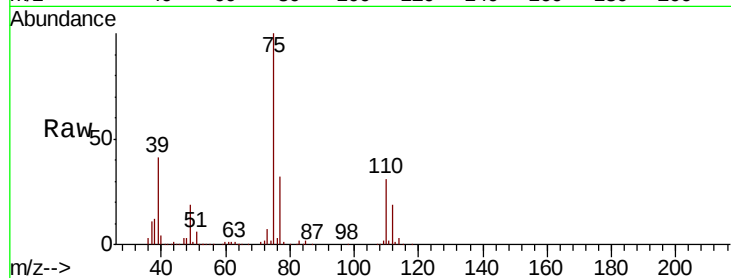
ClientSampled :

Tot Ion: 75 Resp: 76348

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 17.755 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

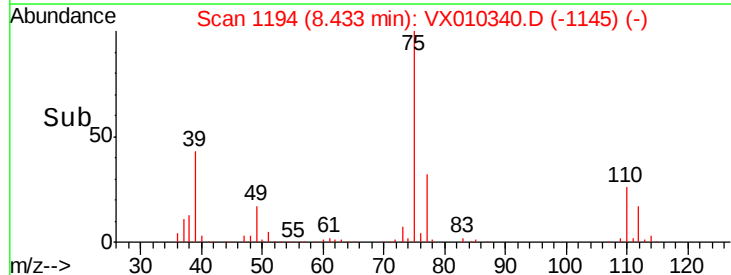
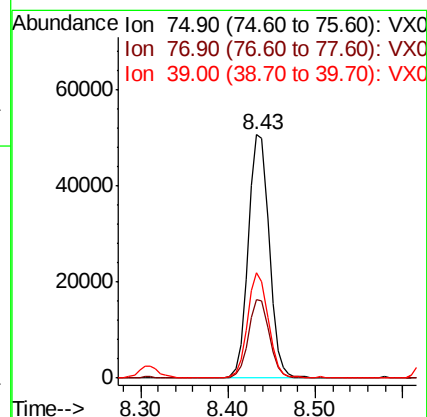
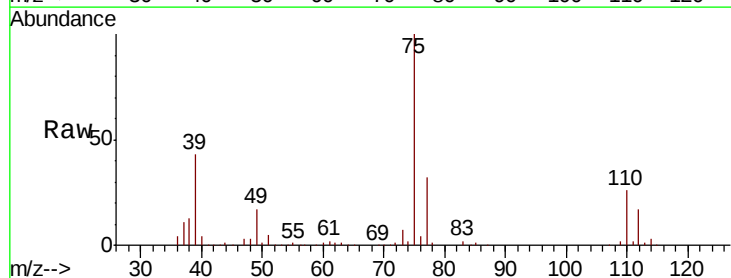
Tgt Ion: 75 Resp: 84280

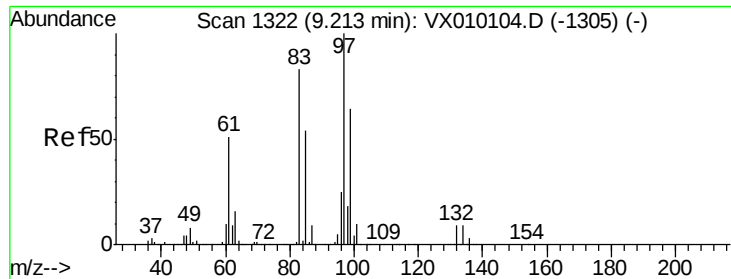
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 43.1 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 20.306 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 59723

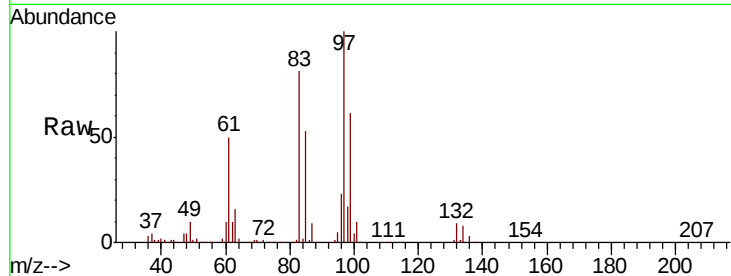
Ion Ratio Lower Upper

97 100

83 81.4 69.8 104.8

85 53.0 45.3 67.9

99 61.3 49.0 73.4



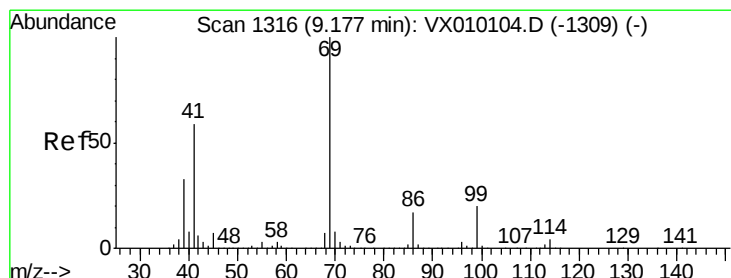
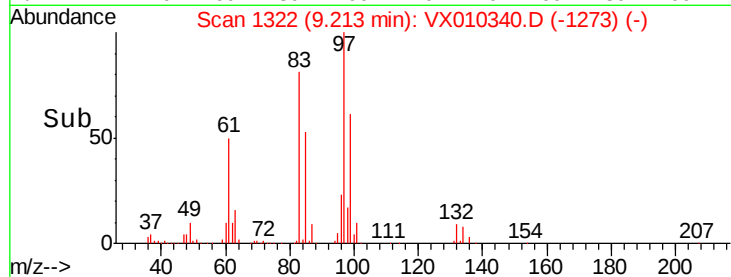
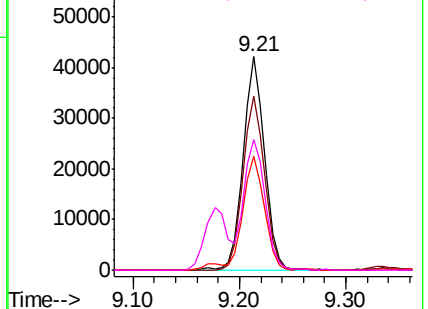
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.022 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

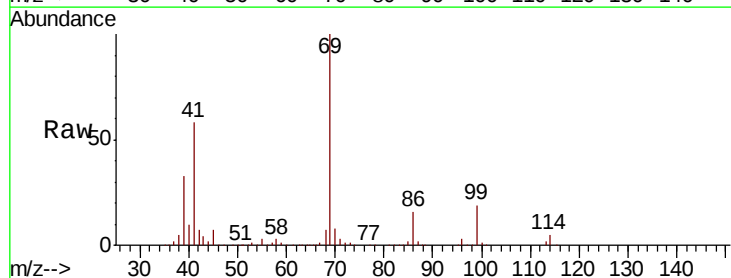
Tgt Ion: 69 Resp: 88379

Ion Ratio Lower Upper

69 100

41 58.1 62.7 94.1#

39 33.5 29.5 44.3

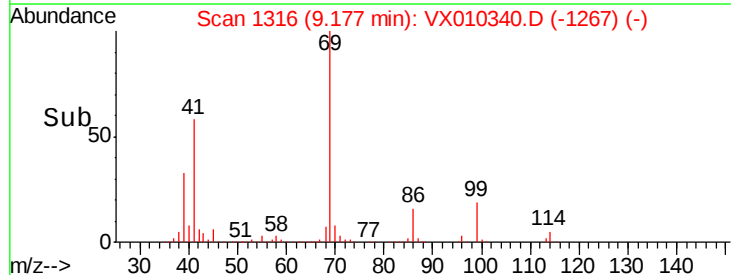
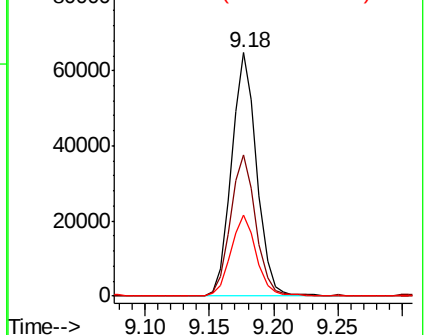


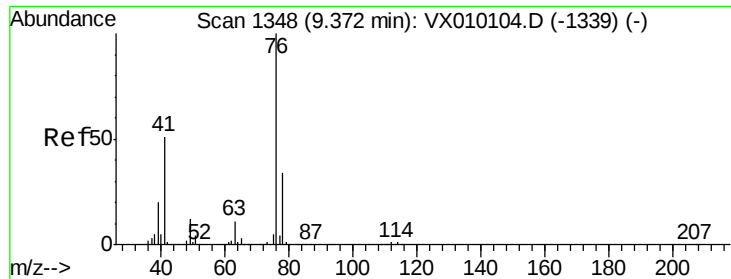
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.307 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

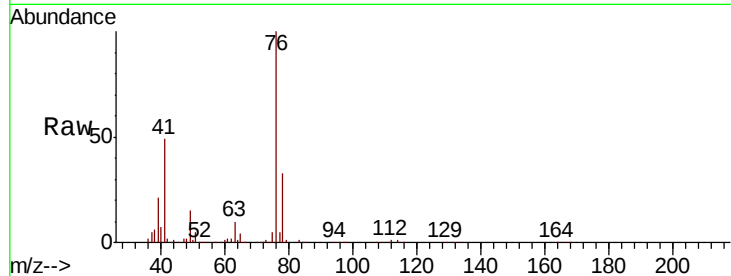
ClientSampleId :

Tot Ion: 76 Resp: 89399

Ion Ratio Lower Upper

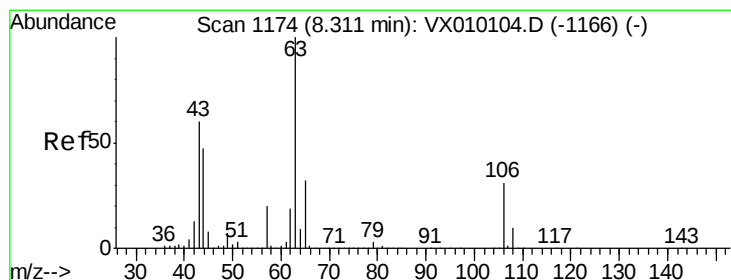
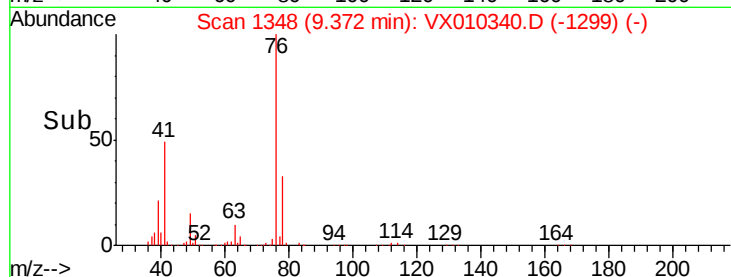
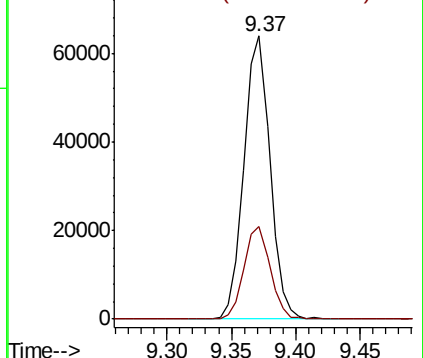
76 100

78 33.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.060 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010340.D

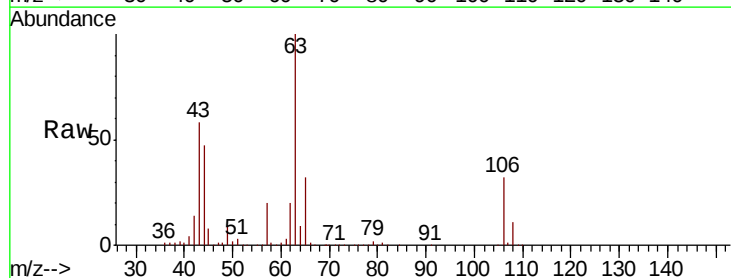
Acq: 18 Jun 2019 14:02

Tgt Ion: 63 Resp: 203826

Ion Ratio Lower Upper

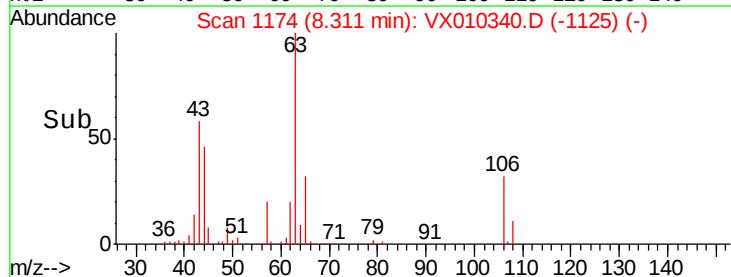
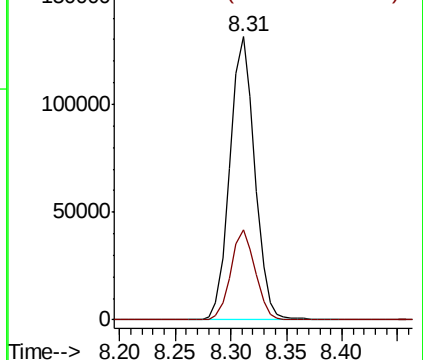
63 100

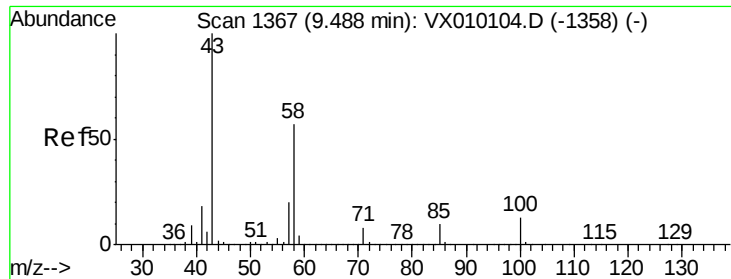
106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

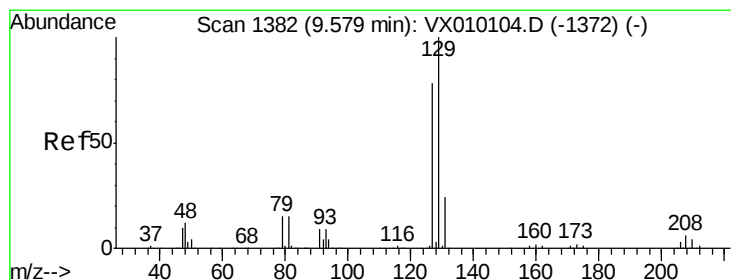
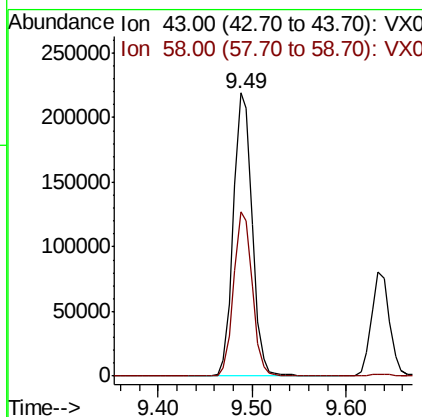
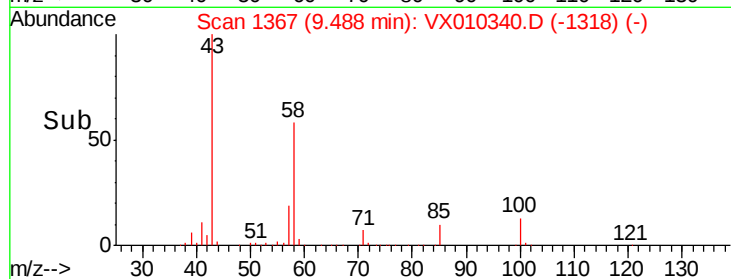
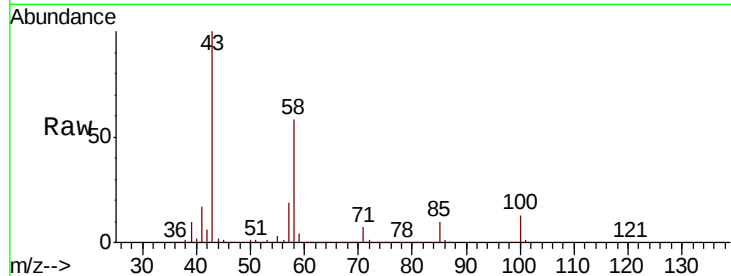




#59
 2-Hexanone
 Concen: 103.349 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

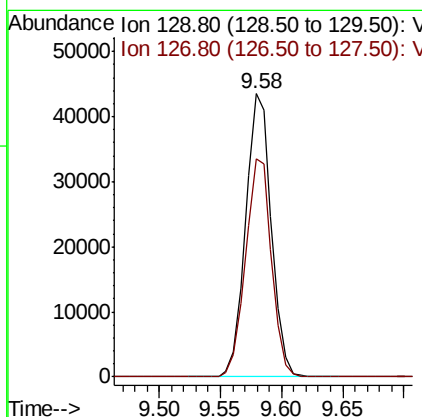
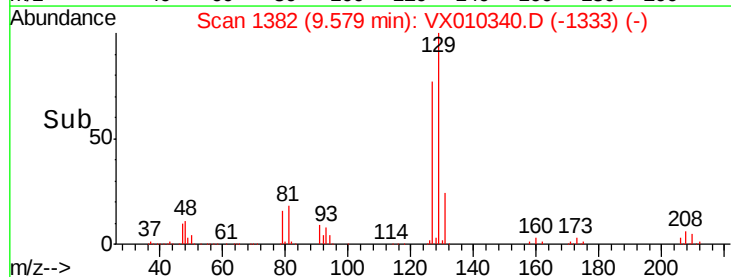
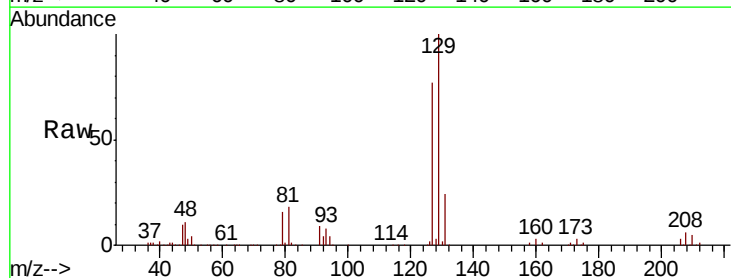
Instrument :
 MSVOA_X
 ClientSampleId :

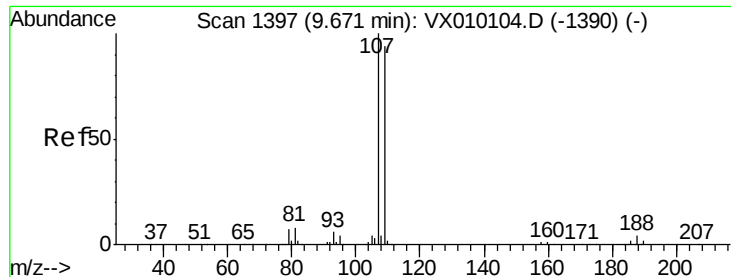
Tot Ion: 43 Resp: 302572
 Ion Ratio Lower Upper
 43 100
 58 57.8 25.1 75.3



#60
 Dibromochloromethane
 Concen: 18.225 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion:129 Resp: 63403
 Ion Ratio Lower Upper
 129 100
 127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.043 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

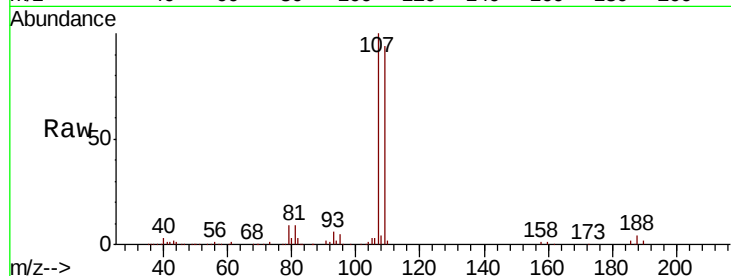
ClientSampleId :

Tot Ion:107 Resp: 62380

Ion Ratio Lower Upper

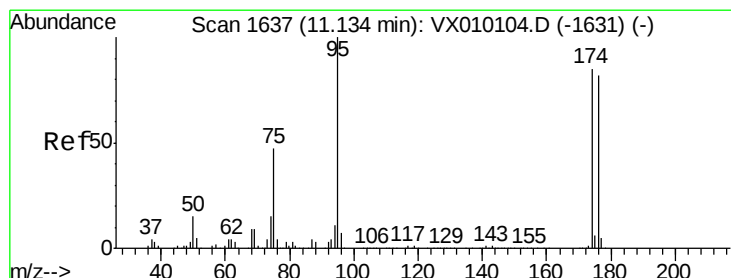
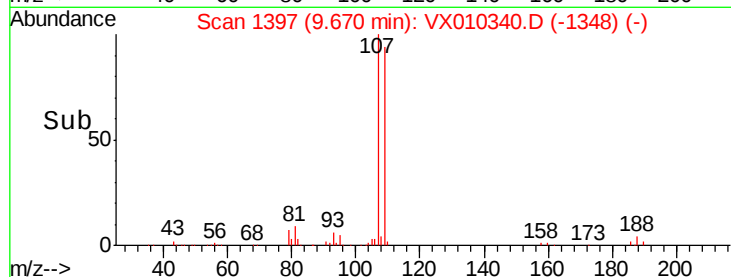
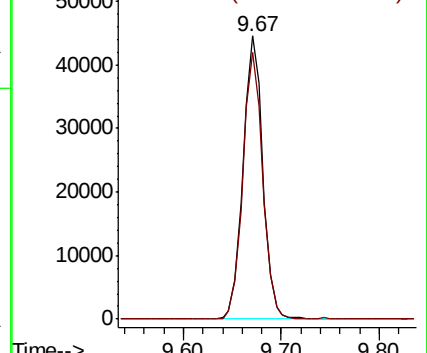
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.148 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

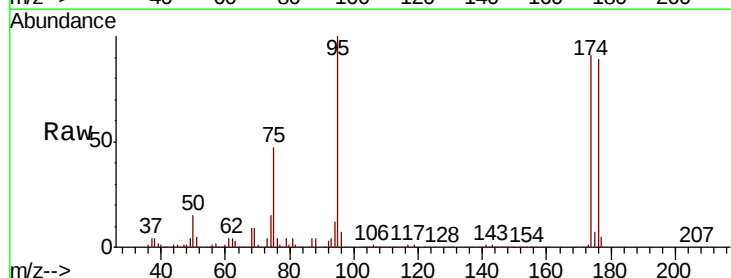
Tgt Ion: 95 Resp: 191234

Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

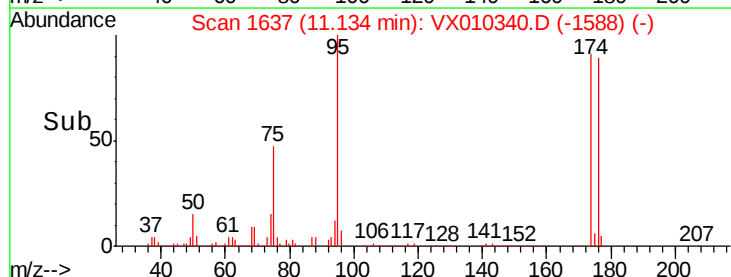
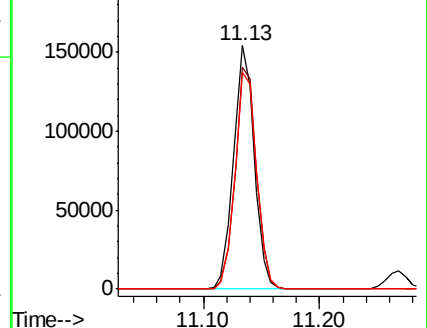
176 92.8 0.0 154.6

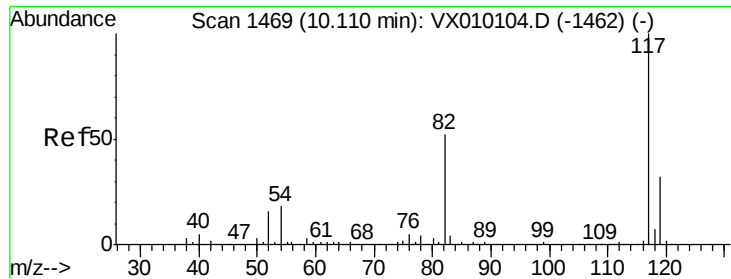


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

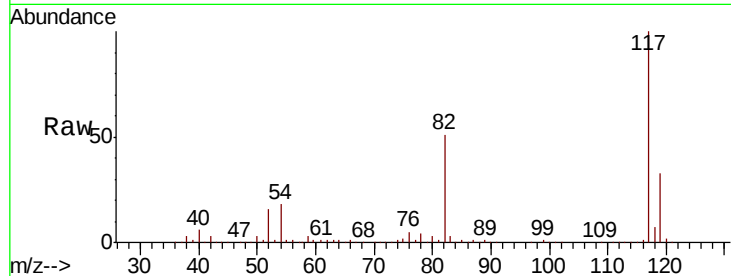




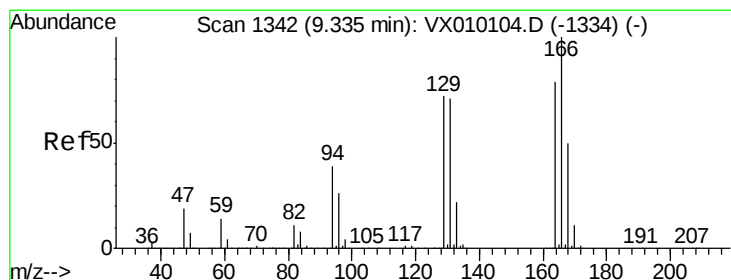
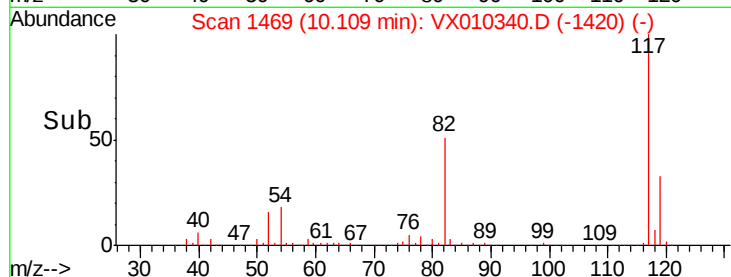
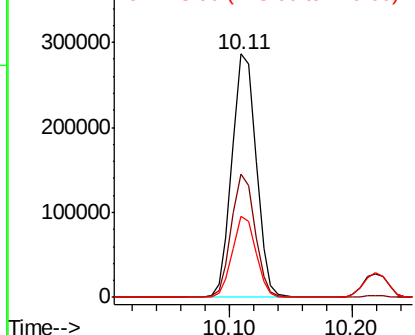
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 392039
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 33.1 25.2 37.8

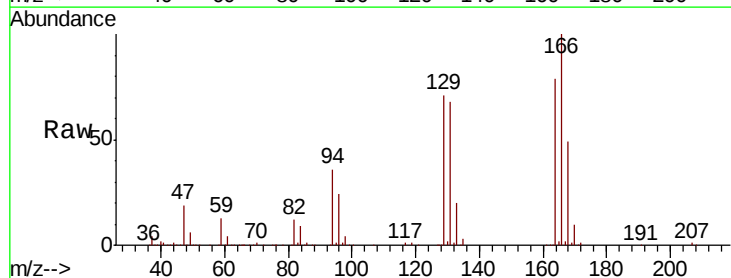


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

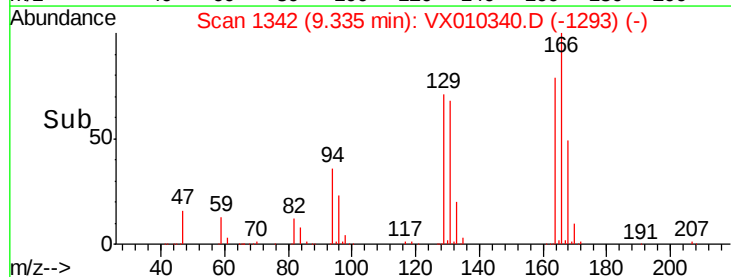
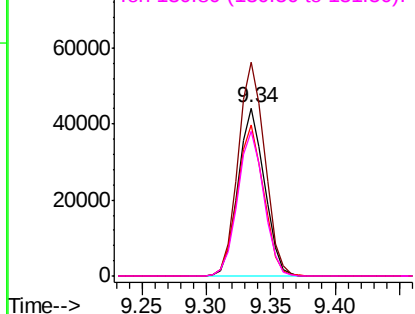


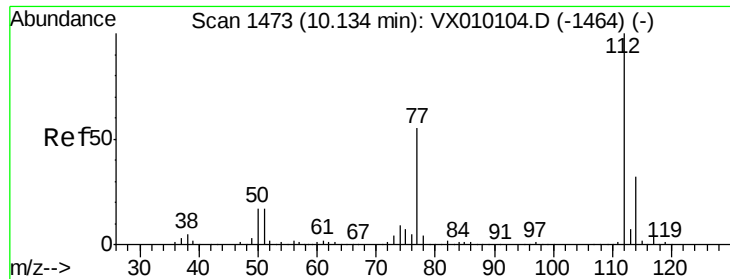
#64
Tetrachloroethene
Concen: 21.606 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion:164 Resp: 62912
Ion Ratio Lower Upper
164 100
166 127.2 105.0 157.4
129 89.8 75.1 112.7
131 86.3 72.2 108.4



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

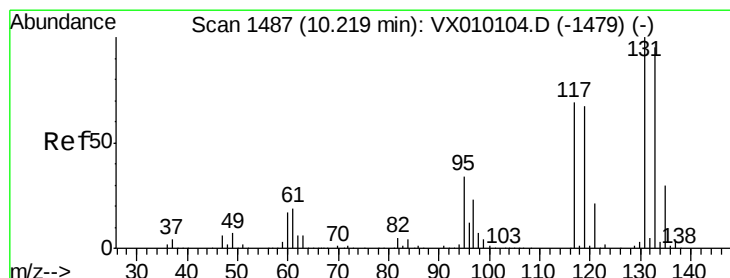
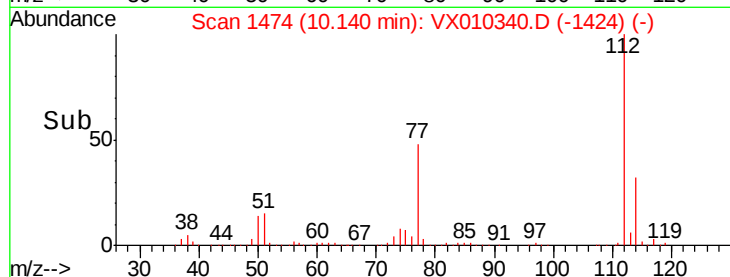
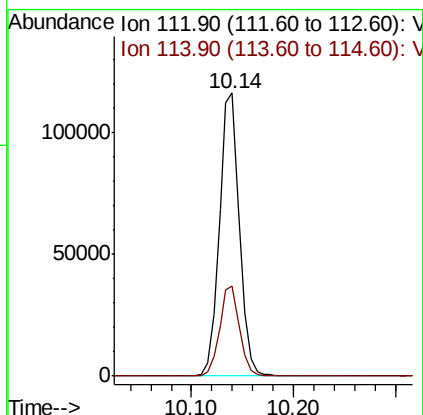
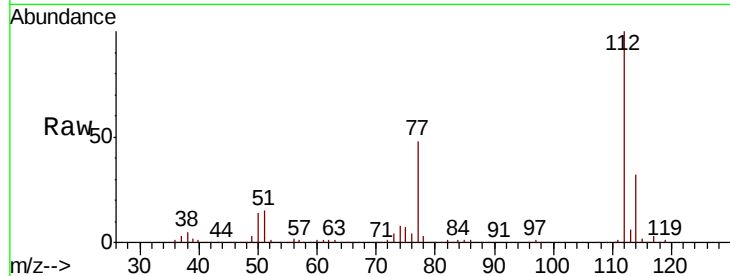




#65
Chlorobenzene
Concen: 19.735 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

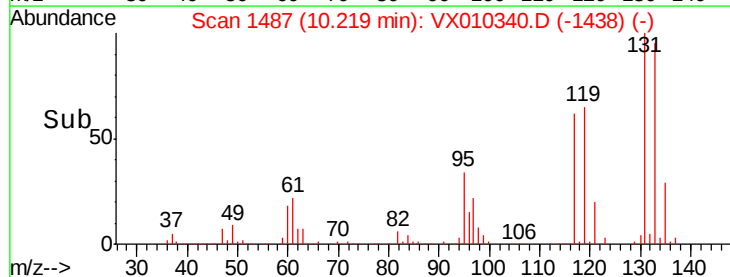
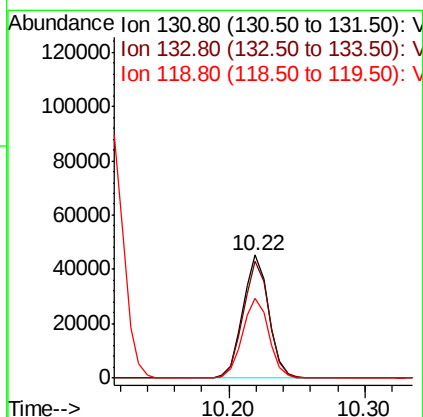
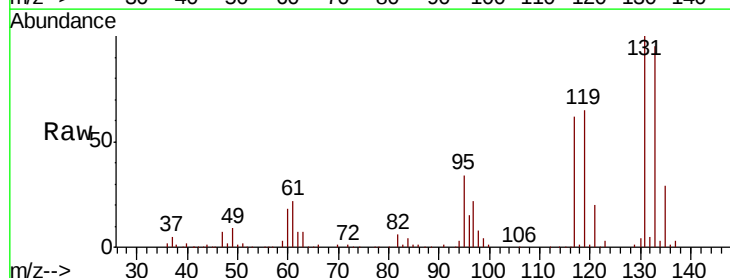
Instrument :
MSVOA_X
ClientSampled :

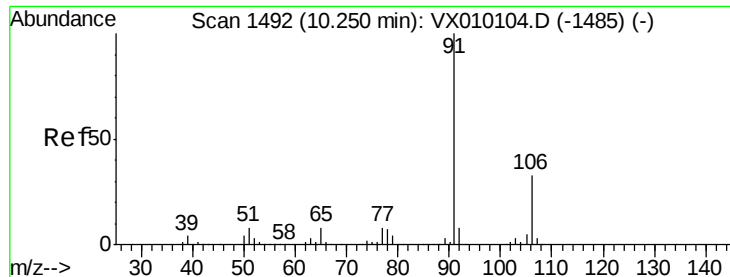
Tot Ion:112 Resp: 159681
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.234 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion:131 Resp: 59848
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.9 33.4 100.1

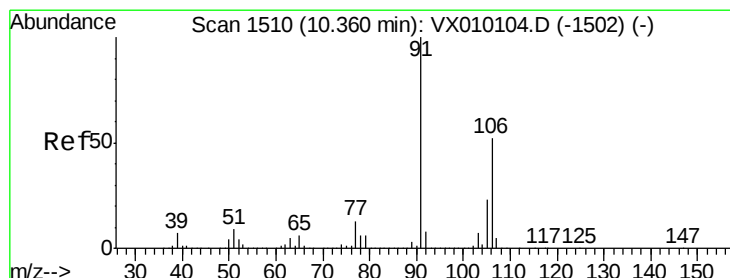
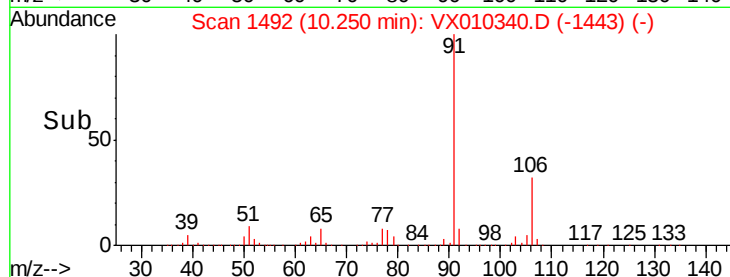
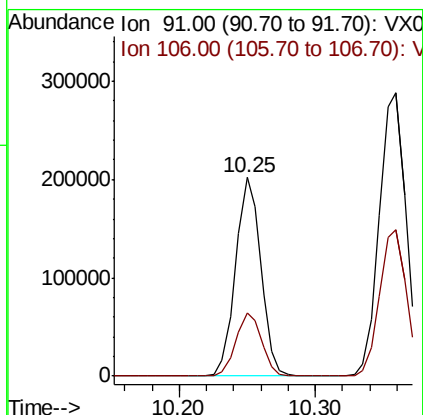
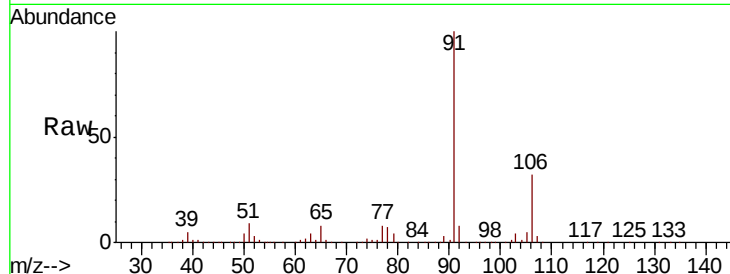




#67
Ethyl Benzene
Concen: 19.062 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

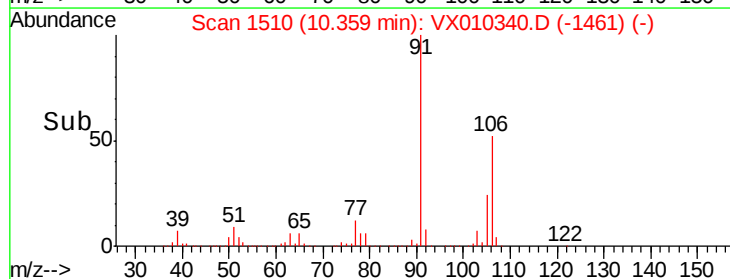
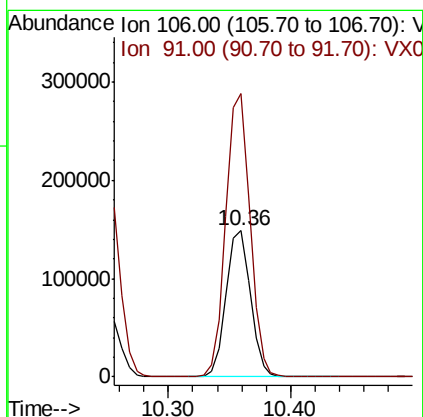
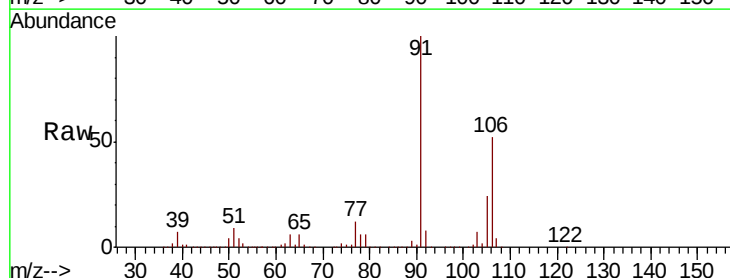
Instrument :
MSVOA_X
ClientSampleId :

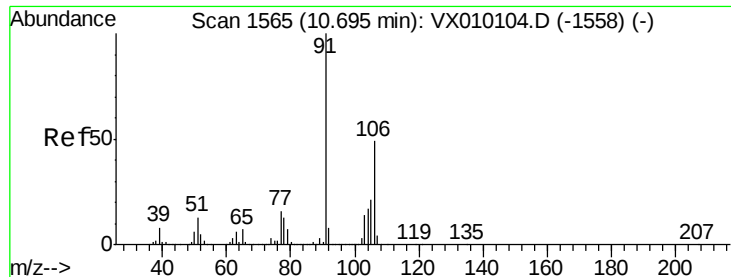
Tot Ion: 91 Resp: 262561
Ion Ratio Lower Upper
91 100
106 32.1 23.9 35.9



#68
m/p-Xylenes
Concen: 38.432 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 106 Resp: 204853
Ion Ratio Lower Upper
106 100
91 193.2 167.3 250.9

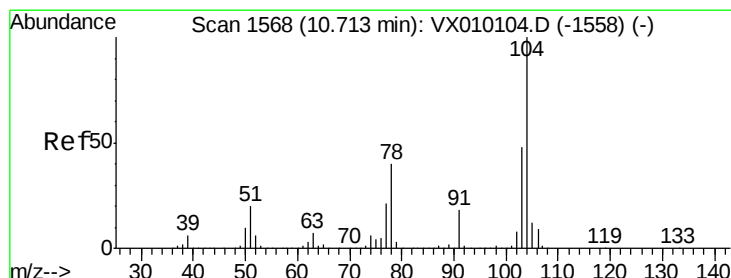
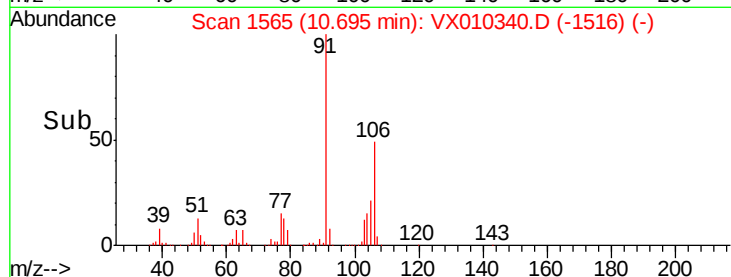
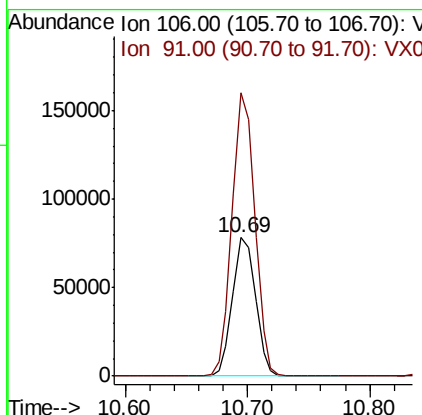
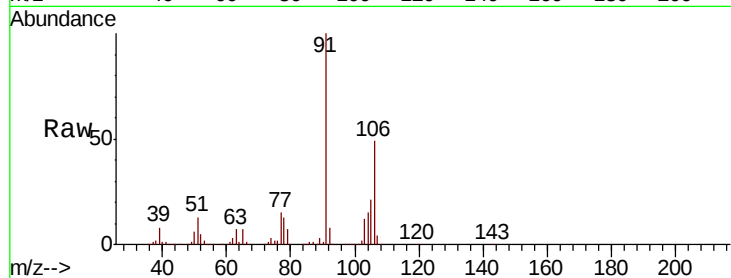




#69
o-Xylene
Concen: 19.295 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

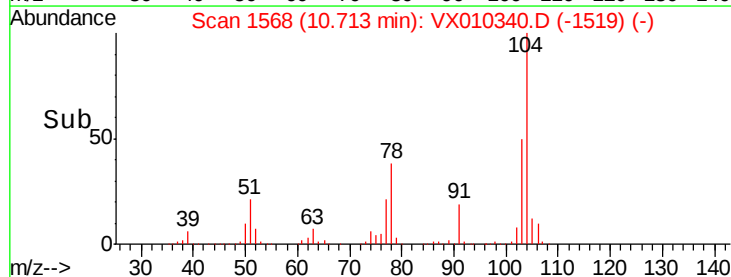
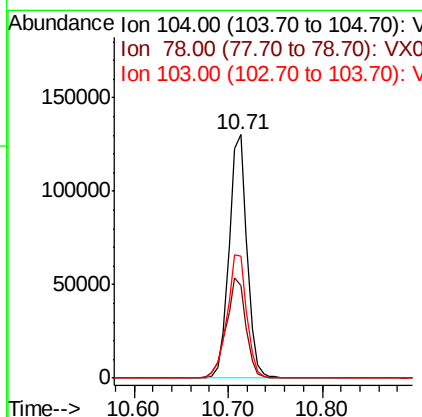
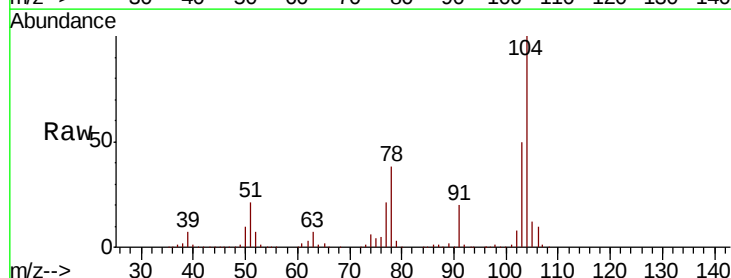
Instrument :
MSVOA_X
ClientSampleId :

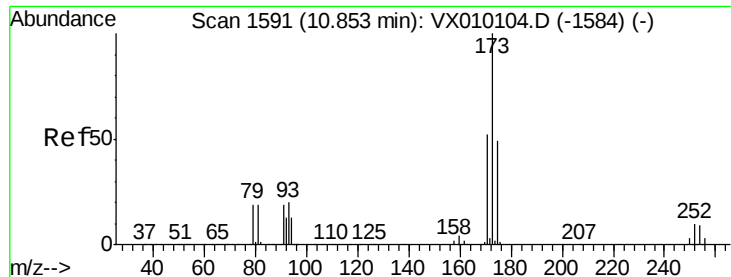
Tot Ion:106 Resp: 102237
Ion Ratio Lower Upper
106 100
91 202.2 110.4 331.2



#70
Styrene
Concen: 19.188 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion:104 Resp: 172189
Ion Ratio Lower Upper
104 100
78 45.2 42.1 63.1
103 55.4 44.1 66.1





#71

Bromoform

Concen: 17.721 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

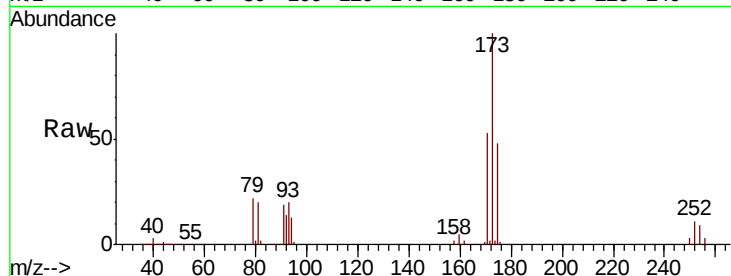
Tot Ion:173 Resp: 50692

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

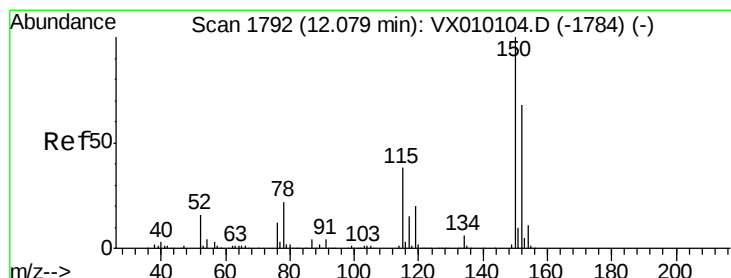
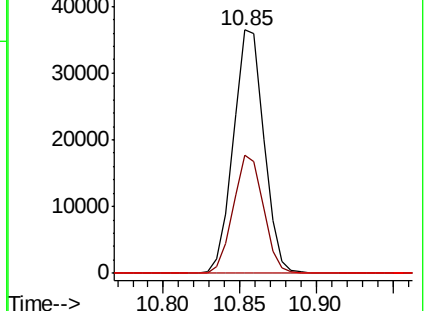
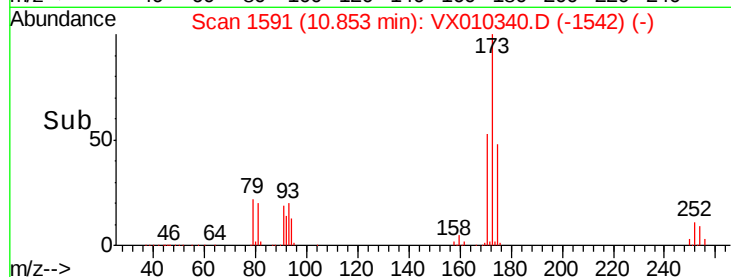
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

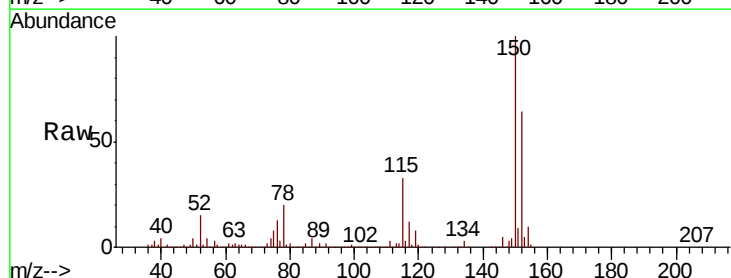
Tgt Ion:152 Resp: 200669

Ion Ratio Lower Upper

152 100

115 62.4 41.4 124.2

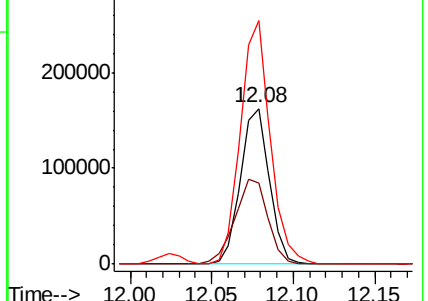
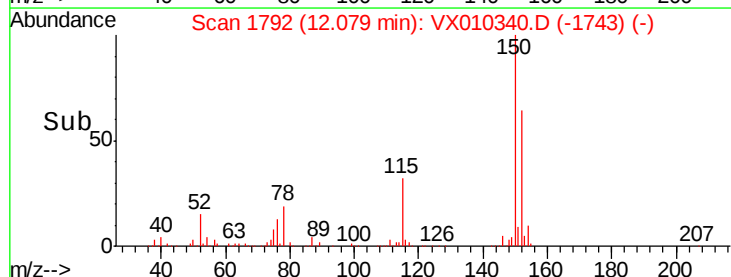
150 161.6 0.0 345.2

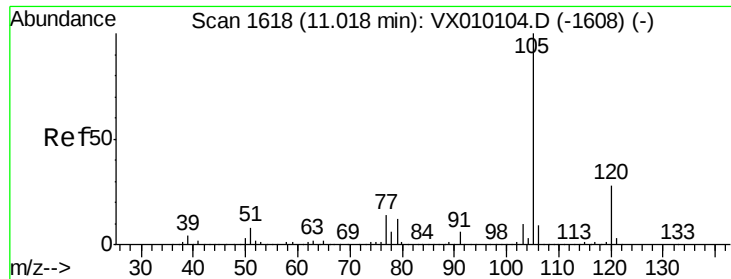


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.118 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

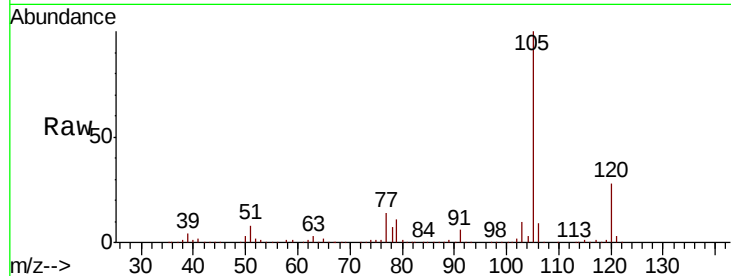
ClientSampleId :

Tot Ion:105 Resp: 267802

Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

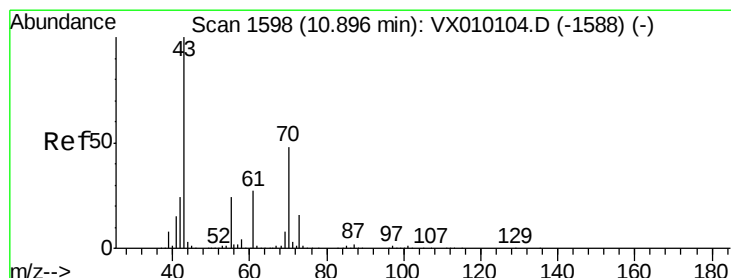
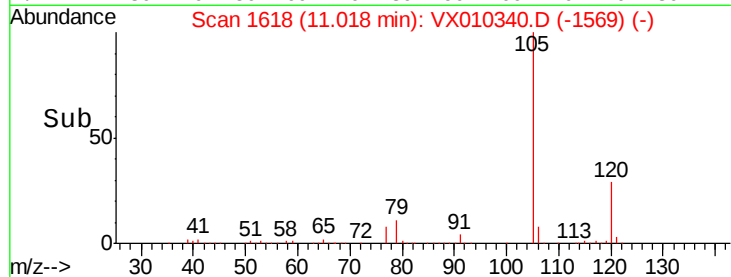
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.759 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion: 43 Resp: 103873

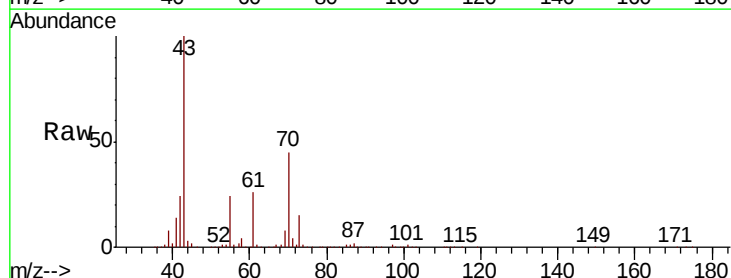
Ion Ratio Lower Upper

43 100

70 45.6 28.6 43.0#

55 24.7 17.8 26.8

61 26.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

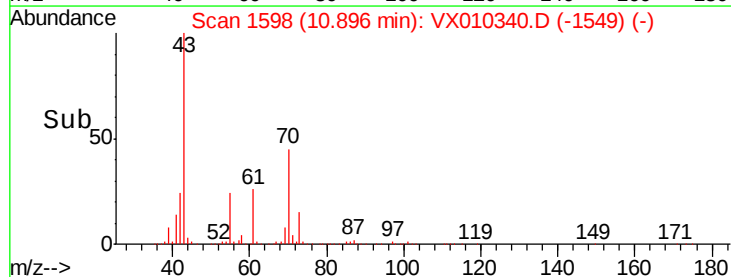
0

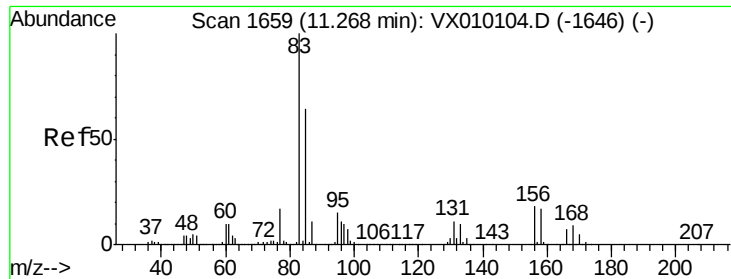
10.90

10.85

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.249 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

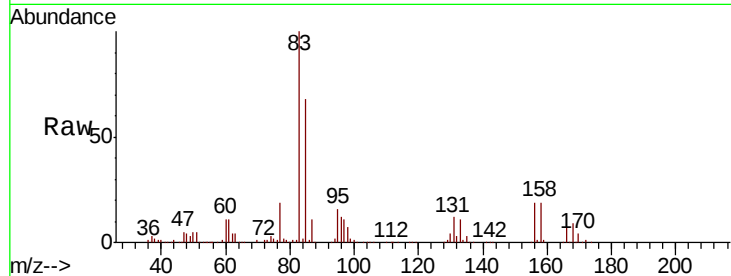
Tot Ion: 83 Resp: 92302

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

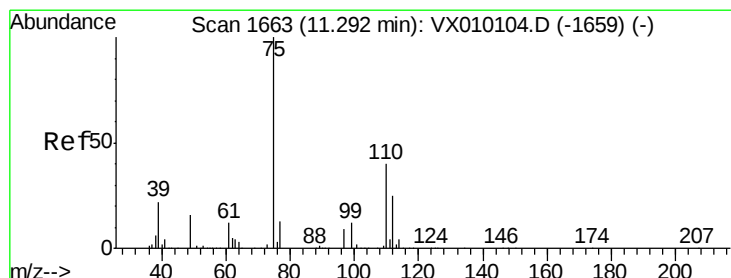
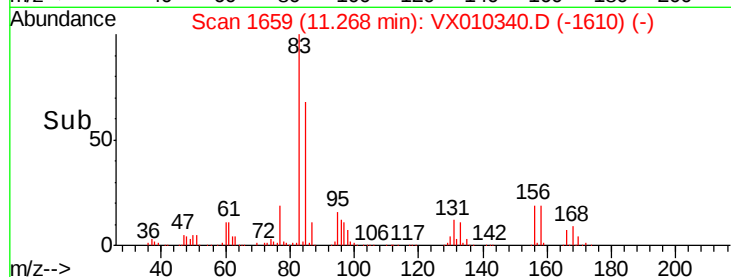
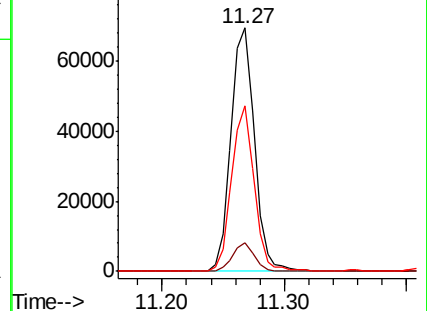
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.790 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010340.D

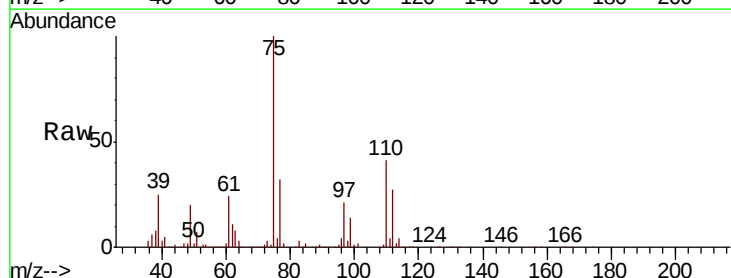
Acq: 18 Jun 2019 14:02

Tgt Ion: 75 Resp: 99503

Ion Ratio Lower Upper

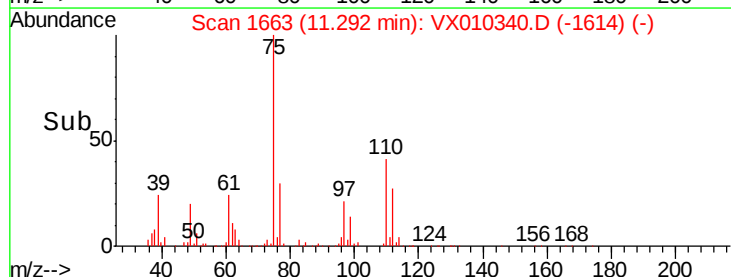
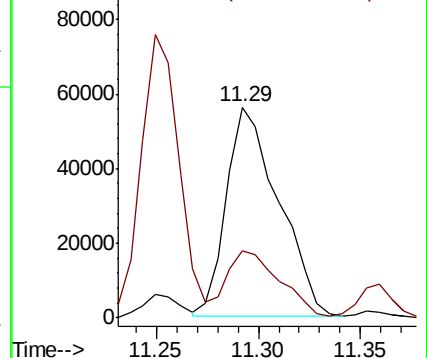
75 100

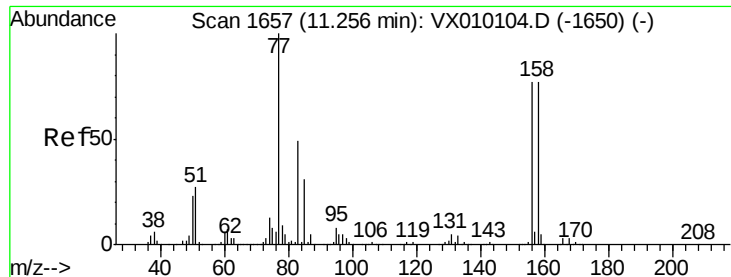
77 33.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

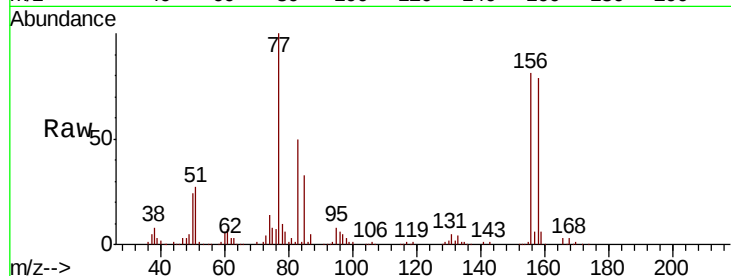
Tot Ion:156 Resp: 73438

Ion Ratio Lower Upper

156 100

77 133.0 86.8 260.3

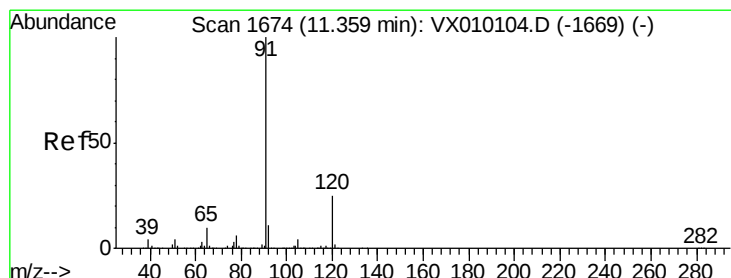
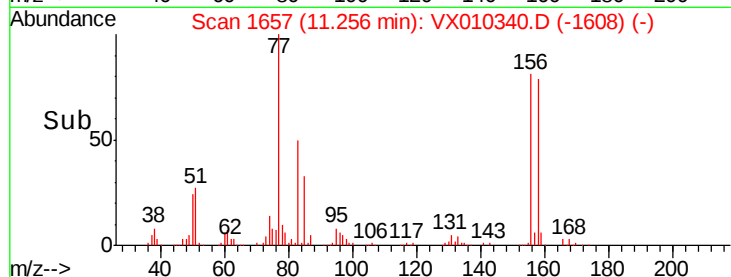
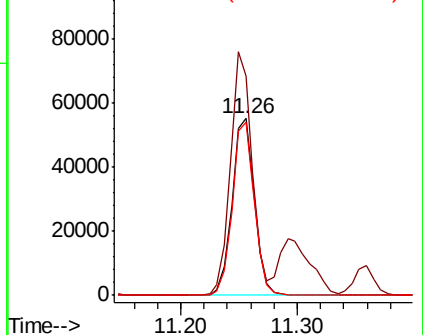
158 96.4 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.508 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010340.D

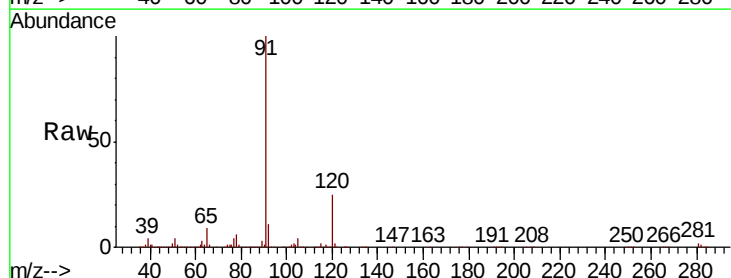
Acq: 18 Jun 2019 14:02

Tgt Ion: 91 Resp: 288628

Ion Ratio Lower Upper

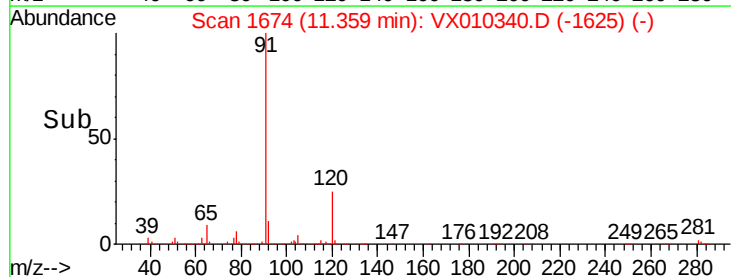
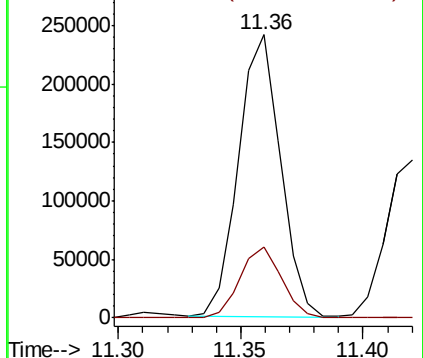
91 100

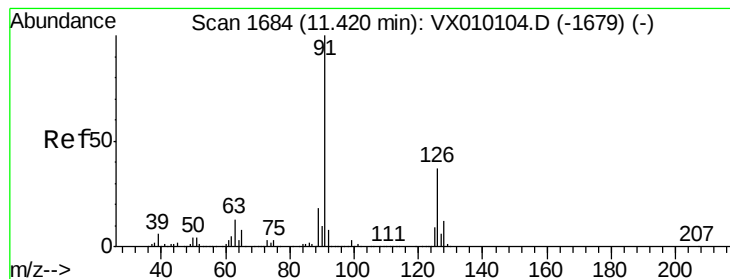
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.450 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

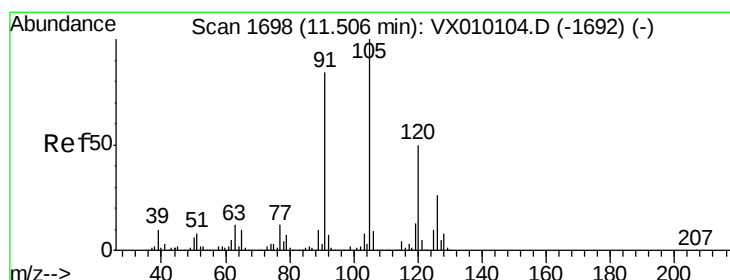
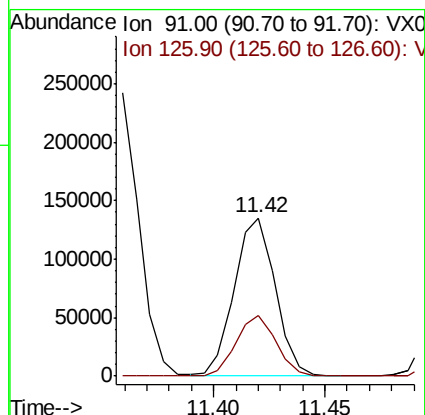
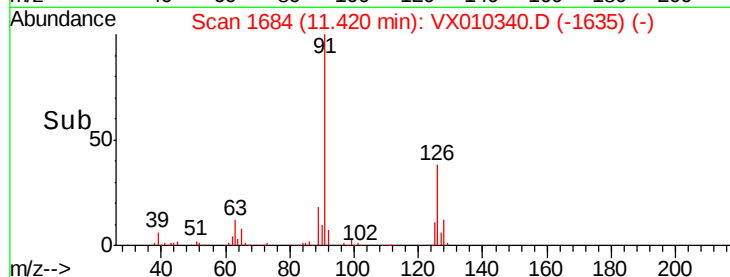
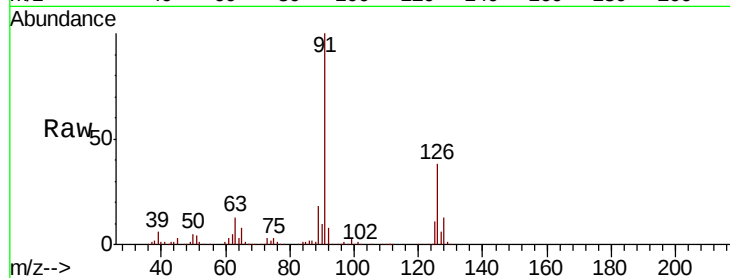
ClientSampleId :

Tot Ion: 91 Resp: 172809

Ion Ratio Lower Upper

91 100

126 38.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010340.D

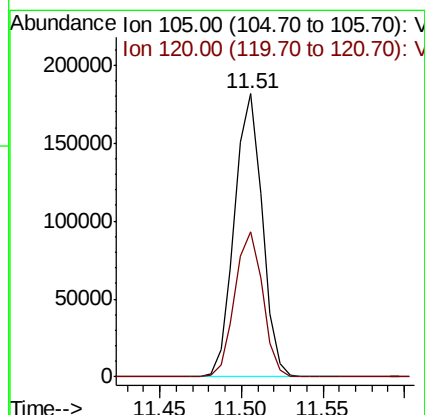
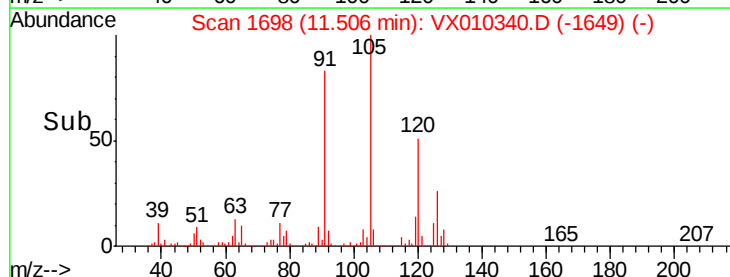
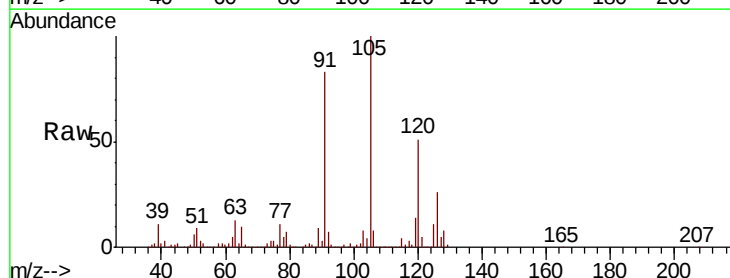
Acq: 18 Jun 2019 14:02

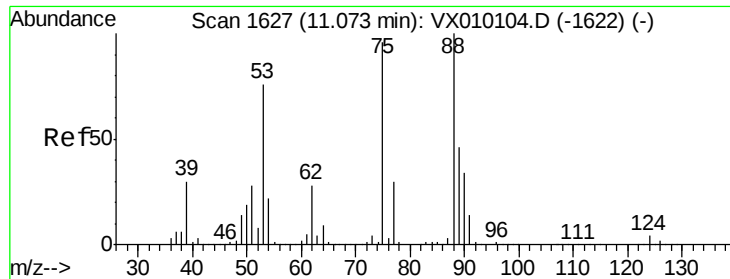
Tgt Ion:105 Resp: 216179

Ion Ratio Lower Upper

105 100

120 51.8 24.1 72.3

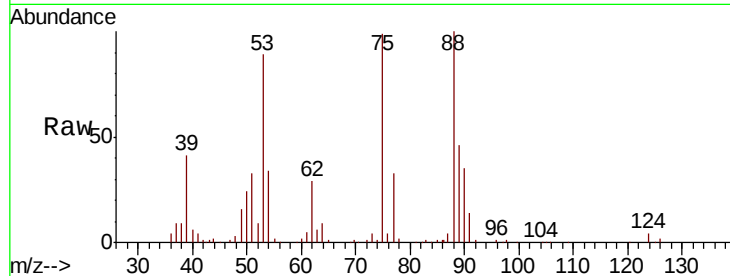




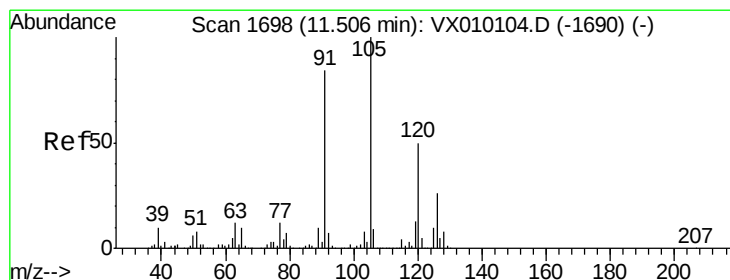
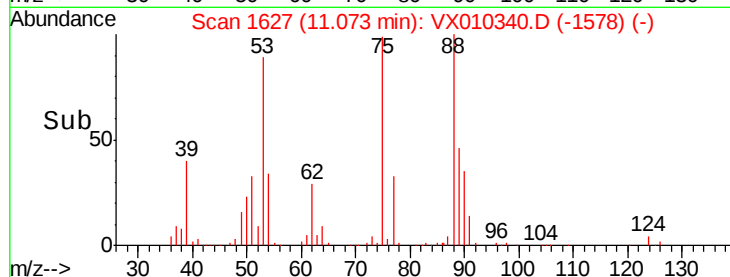
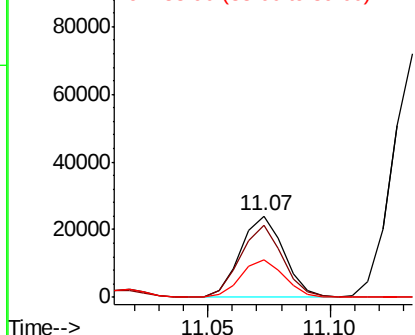
#81
trans-1,4-Dichloro-2-butene
Concen: 16.336 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 29677
Ion Ratio Lower Upper
75 100
53 87.7 79.8 119.6
89 47.4 34.2 51.4

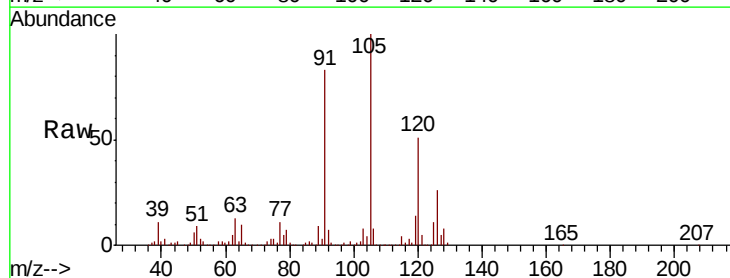


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

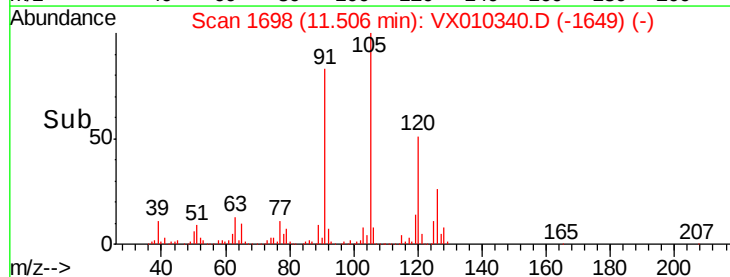
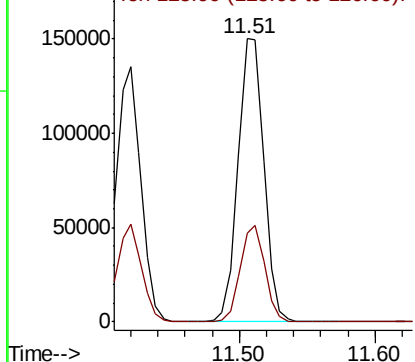


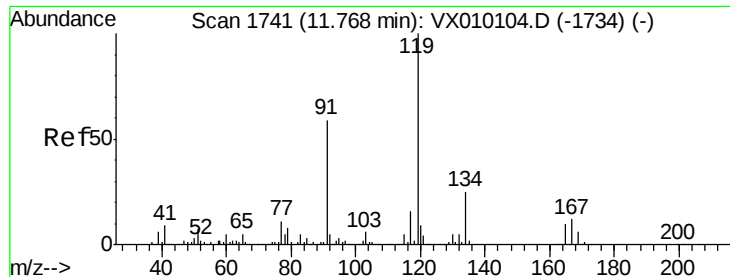
#82
4-Chlorotoluene
Concen: 18.656 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 91 Resp: 198491
Ion Ratio Lower Upper
91 100
126 32.4 14.2 42.6



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





#83

tert-Butylbenzene

Concen: 18.632 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

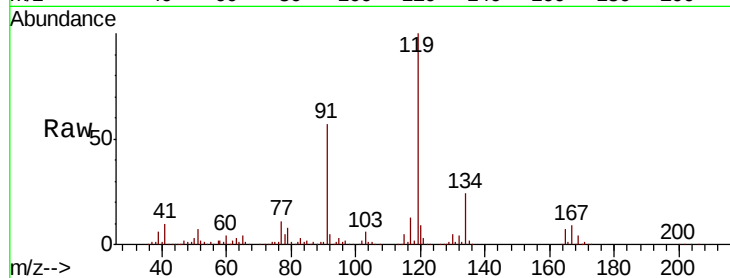
Tot Ion:119 Resp: 222503

Ion Ratio Lower Upper

119 100

91 54.7 30.0 90.0

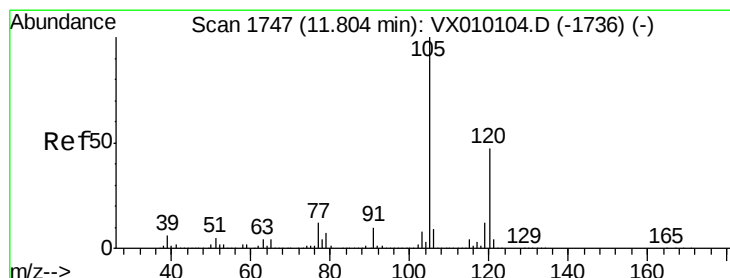
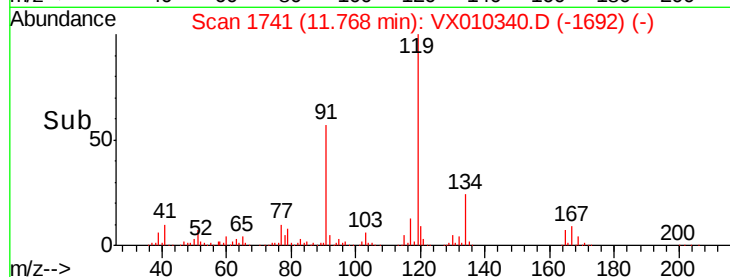
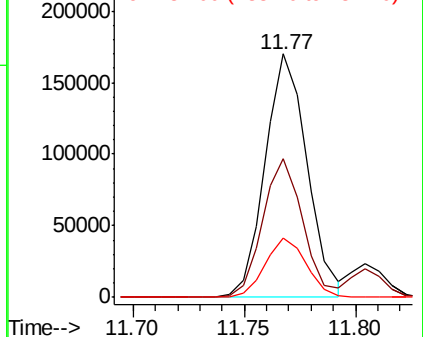
134 24.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.698 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010340.D

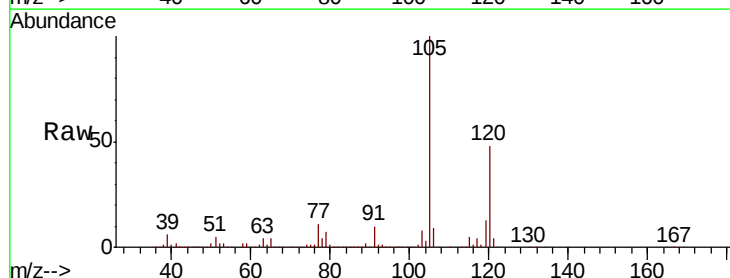
Acq: 18 Jun 2019 14:02

Tgt Ion:105 Resp: 222833

Ion Ratio Lower Upper

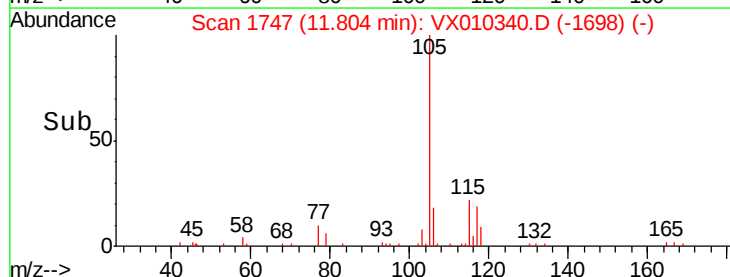
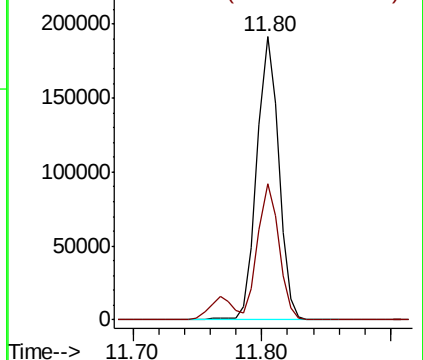
105 100

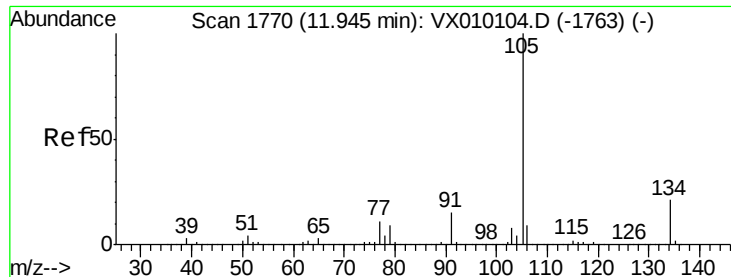
120 46.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.704 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

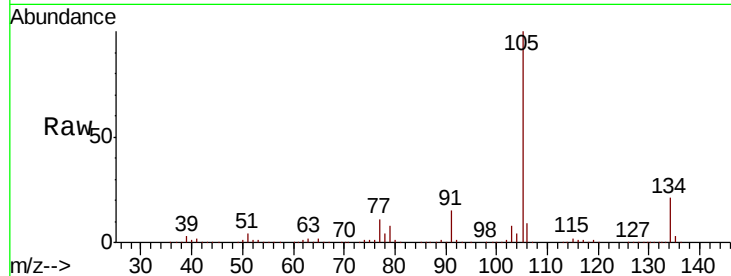
ClientSampleId :

Tot Ion:105 Resp: 260217

Ion Ratio Lower Upper

105 100

134 21.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

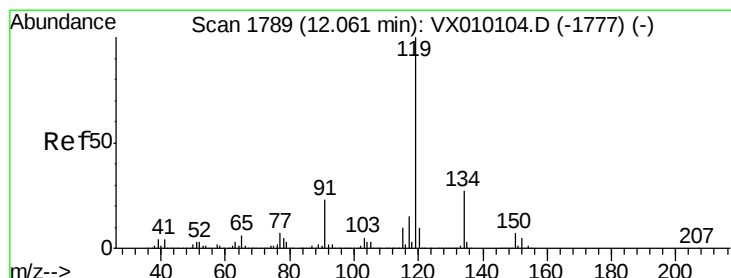
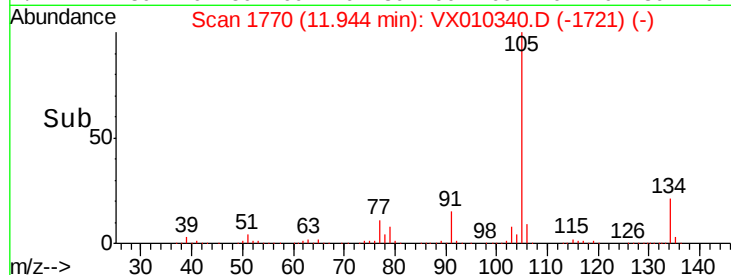
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.597 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

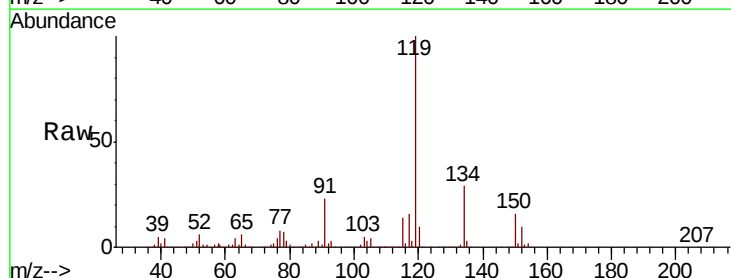
Tgt Ion:119 Resp: 236529

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

91 22.7 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

250000

200000

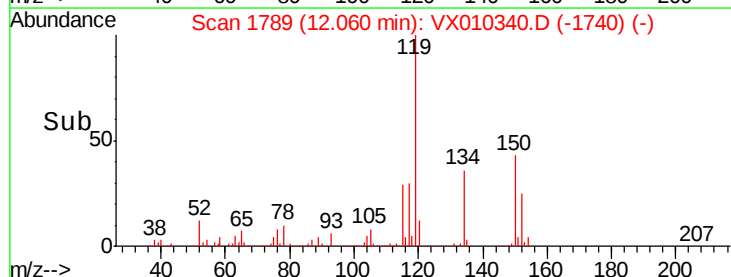
150000

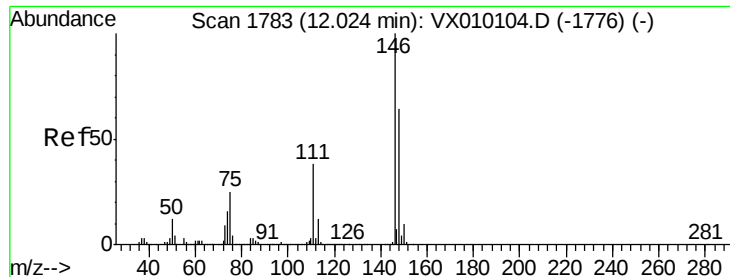
100000

50000

0

Time-->

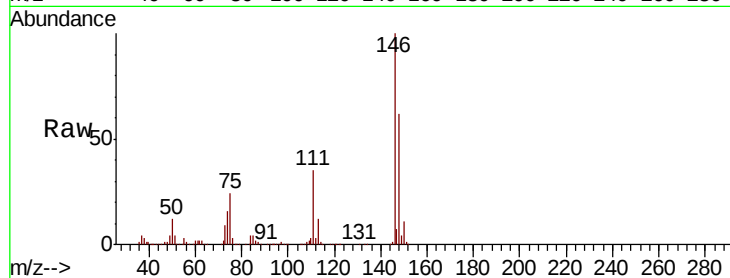




#87
 1,3-Dichlorobenzene
 Concen: 19.123 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.1	60.2
148	62.9	31.9	95.5

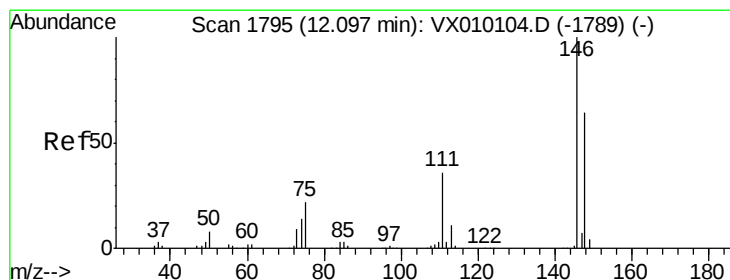
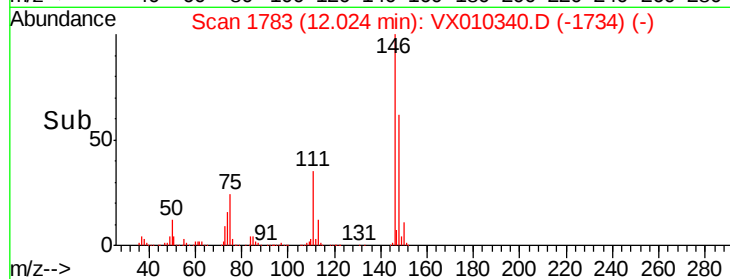
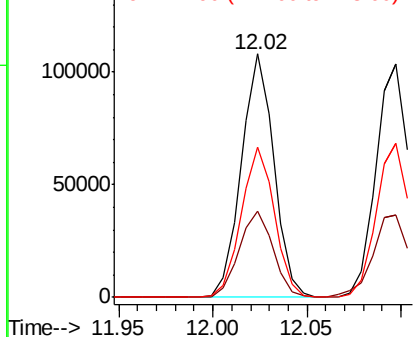


Abundance

Ion 145.90 (145.60 to 146.60): V

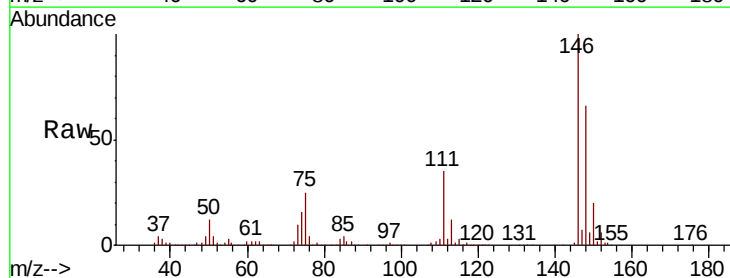
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 18.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.0	59.9
148	65.9	32.3	96.9

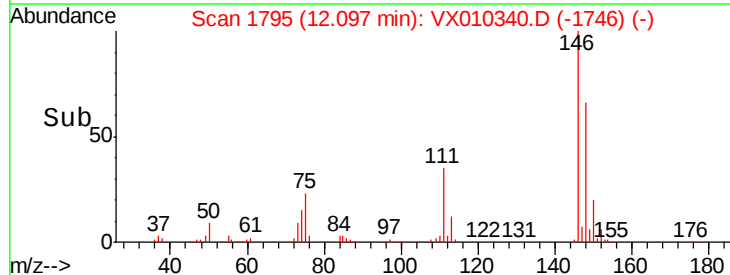
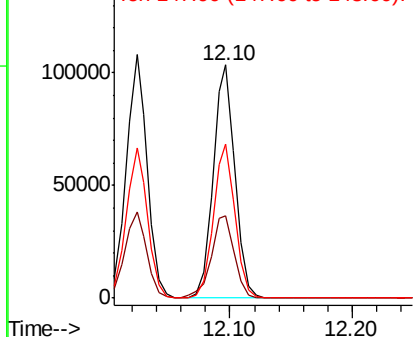


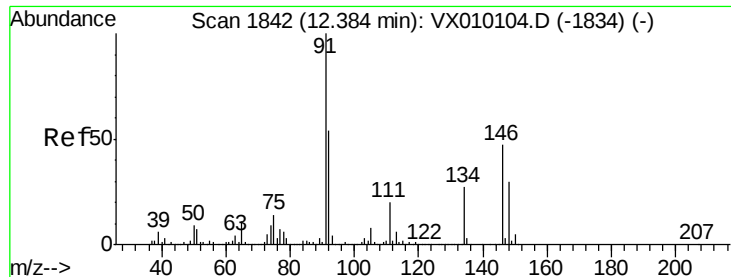
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

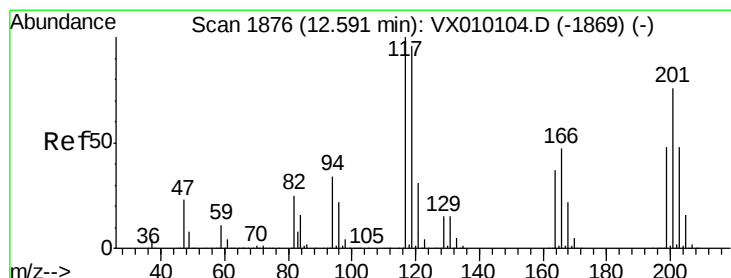
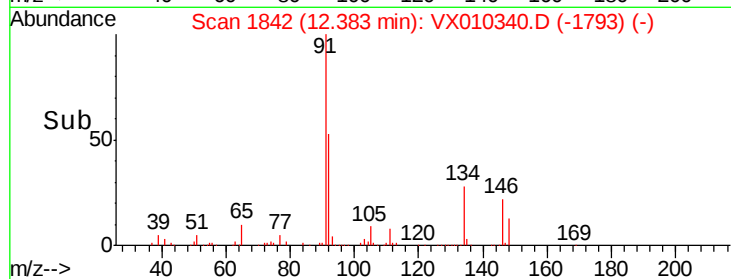
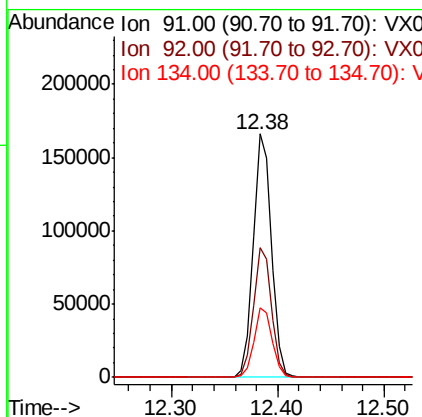
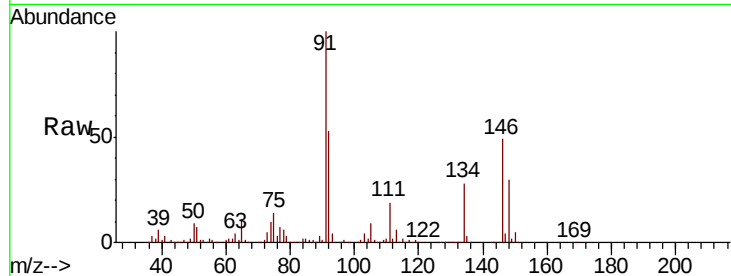




#89
n-Butylbenzene
Concen: 18.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

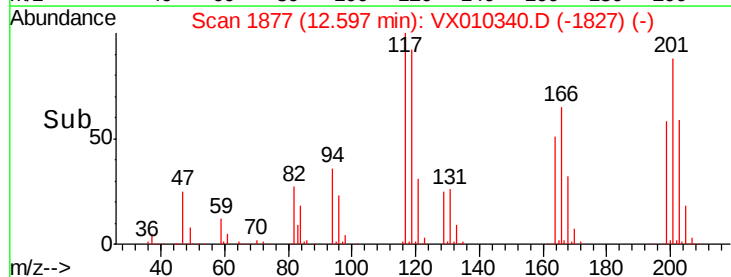
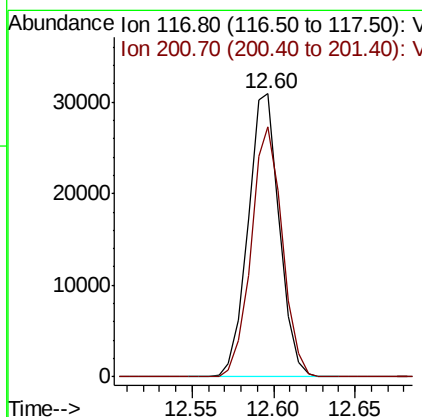
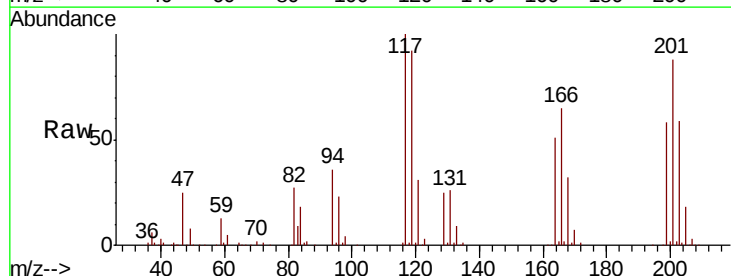
Instrument :
MSVOA_X
ClientSampleId :

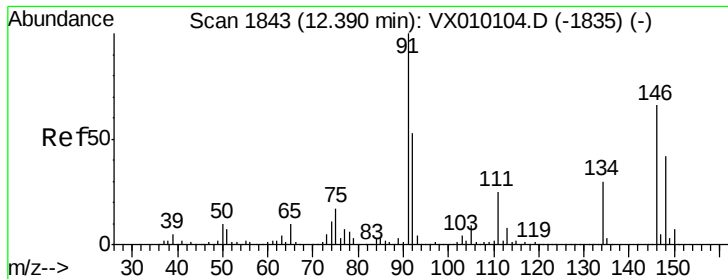
Tot Ion: 91 Resp: 199767
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 16.308 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion: 117 Resp: 41319
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 19.762 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

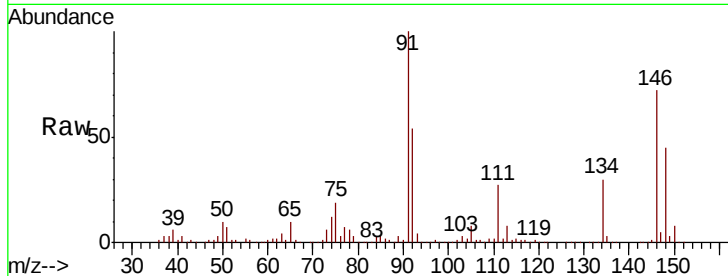
Tot Ion:146 Resp: 130359

Ion Ratio Lower Upper

146 100

111 38.1 21.1 63.1

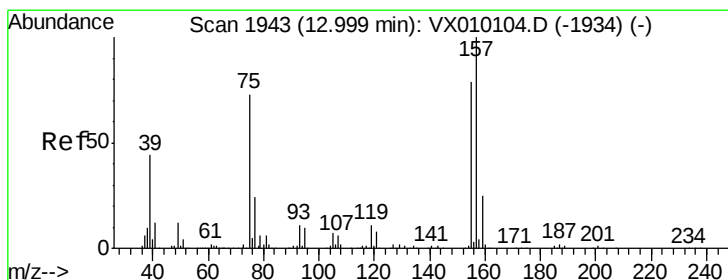
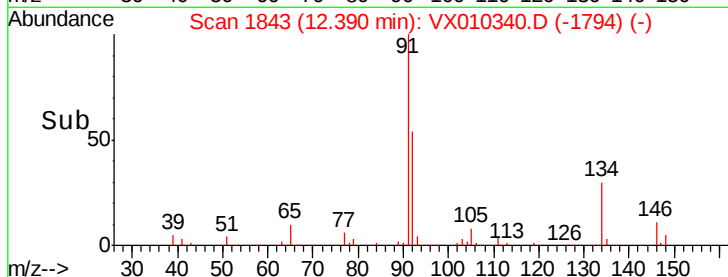
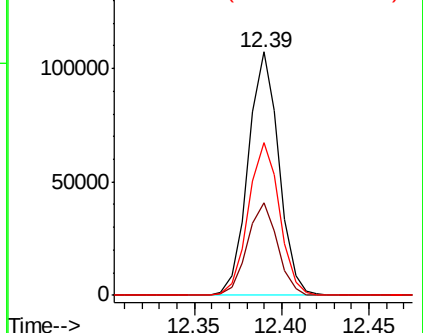
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.768 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

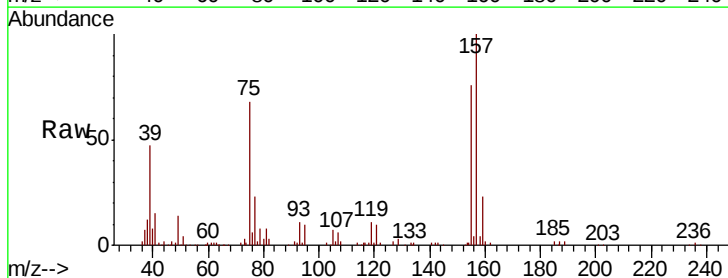
Tgt Ion: 75 Resp: 18920

Ion Ratio Lower Upper

75 100

155 107.9 39.3 117.8

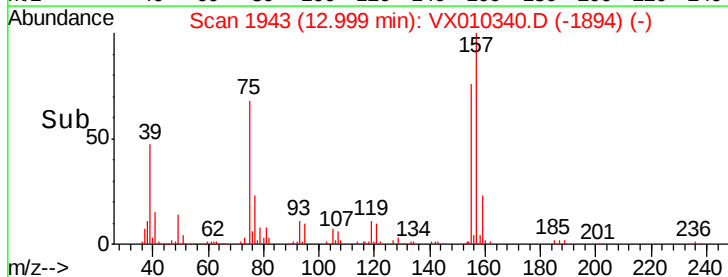
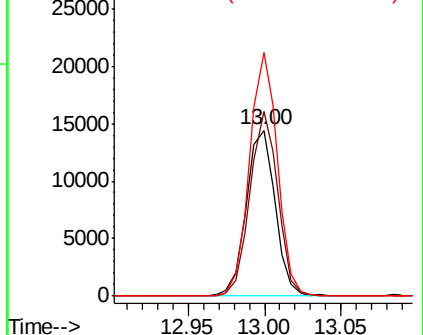
157 141.2 50.6 151.8

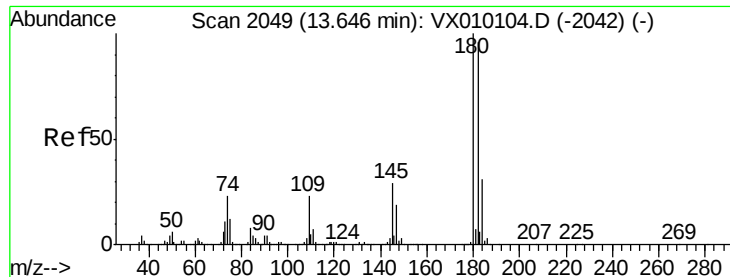


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

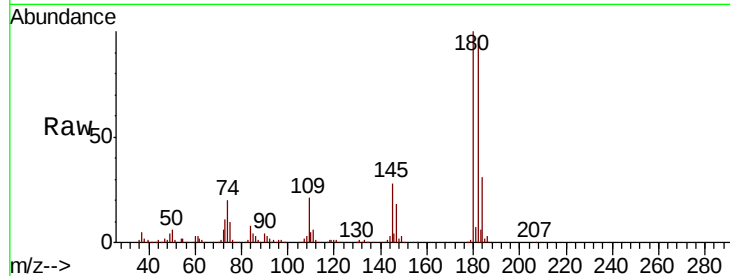




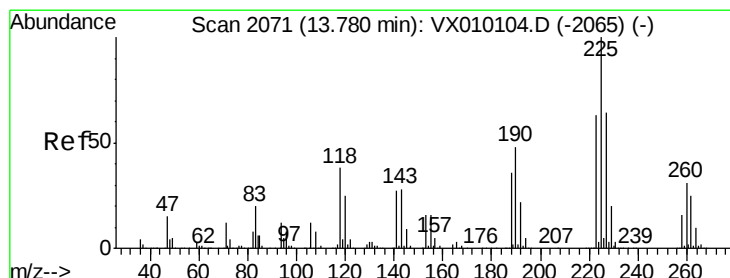
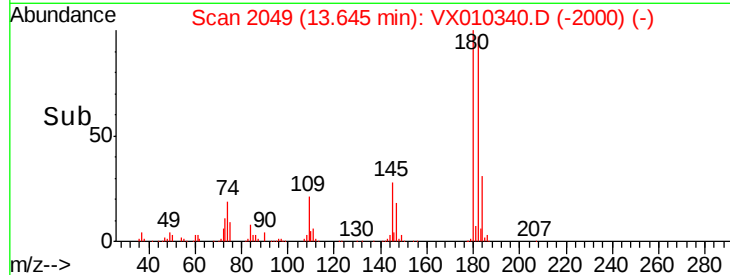
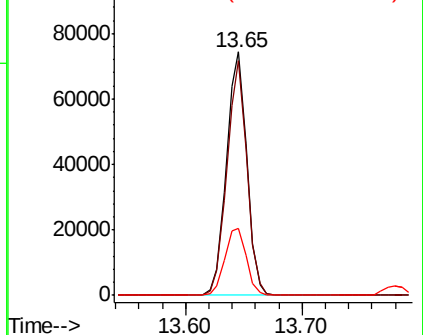
#93
 1,2,4-Trichlorobenzene
 Concen: 18.608 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 89852
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 29.1 14.5 43.5

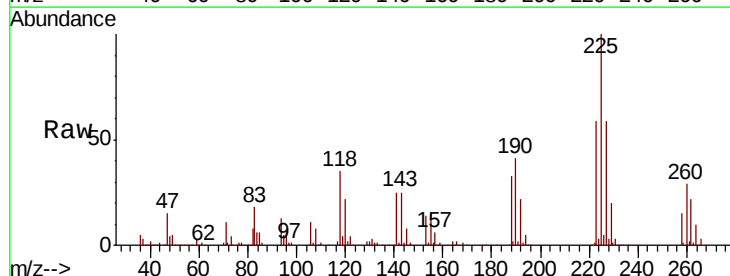


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

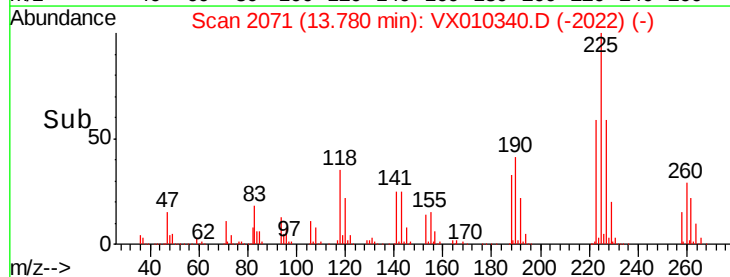
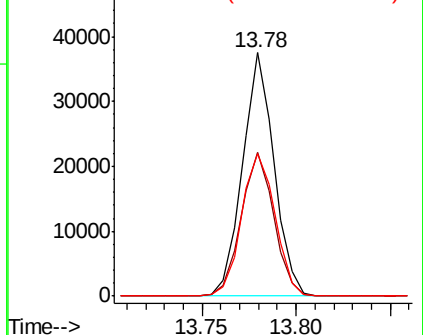


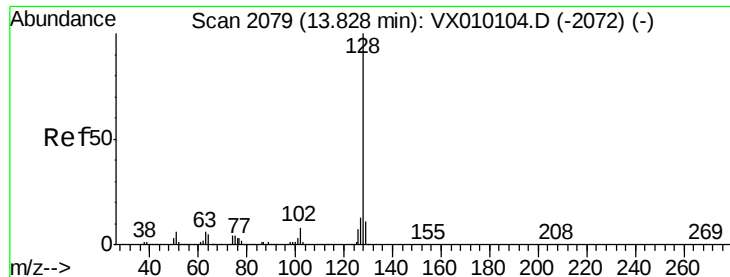
#94
 Hexachlorobutadiene
 Concen: 20.198 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion:225 Resp: 43373
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.3 93.8
 227 62.4 32.3 96.8



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





#95

Naphthalene

Concen: 18.874 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

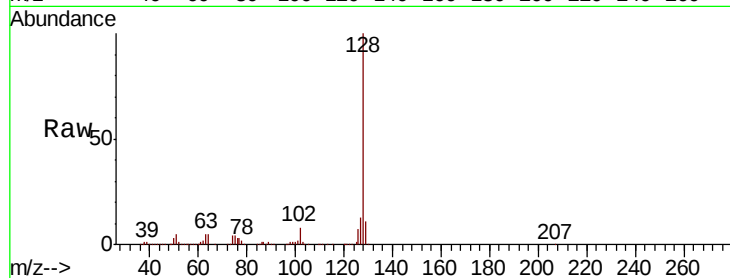
Tot Ion:128 Resp: 286886

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

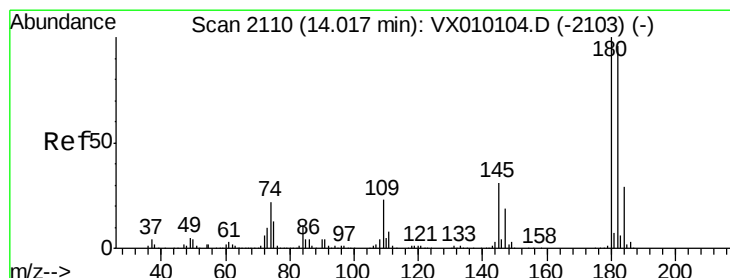
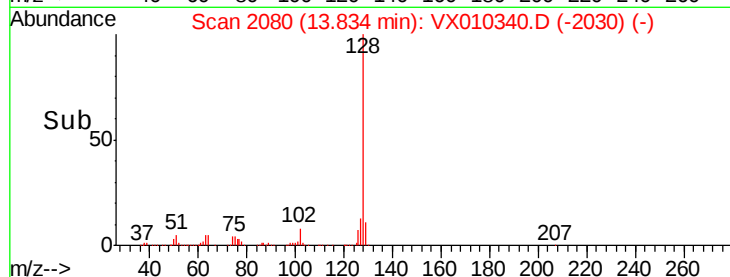
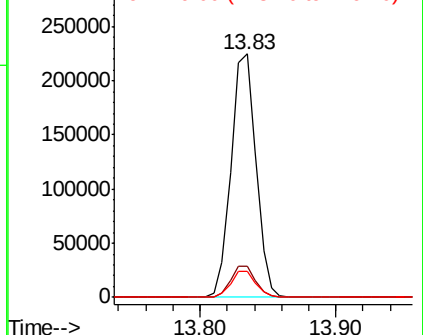
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.992 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

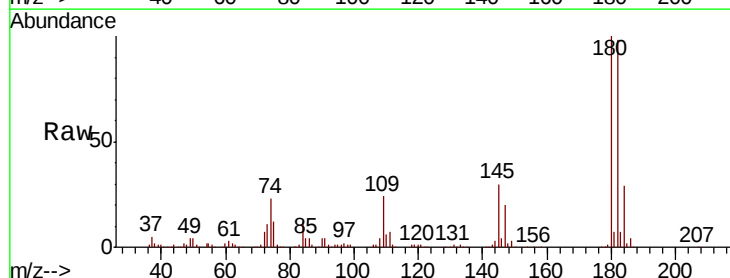
Tgt Ion:180 Resp: 90674

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 29.9 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

