

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 :
 VX0618WBSD01

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

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

						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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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0618WBSD01

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

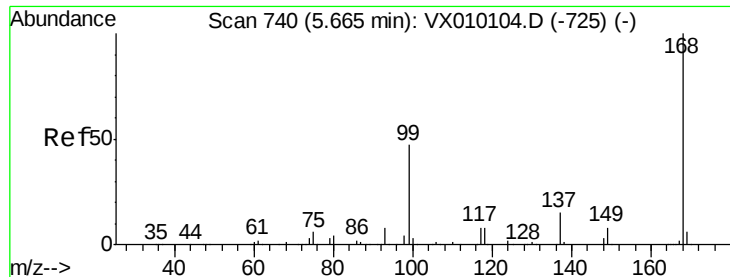
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
Data File : VX010340.D
Acq On : 18 Jun 2019 14:02
Operator : JC/SP
Sample : VX0618WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

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)
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

ClientSampleId :

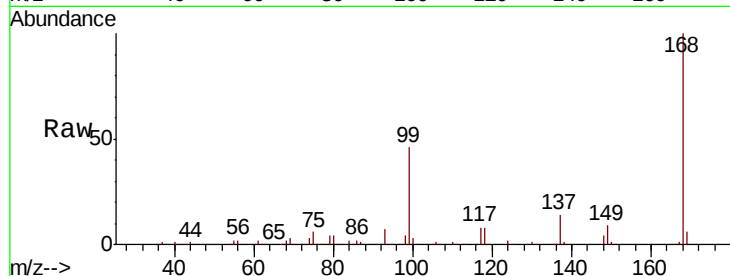
VX0618WBSD01

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

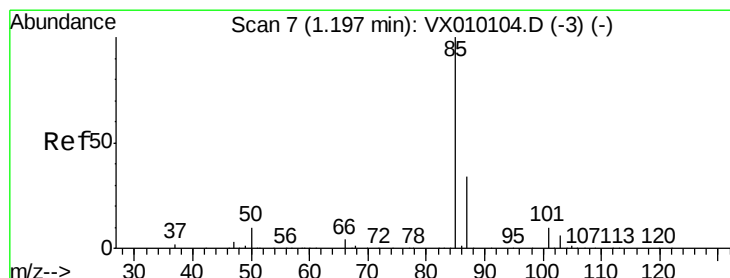
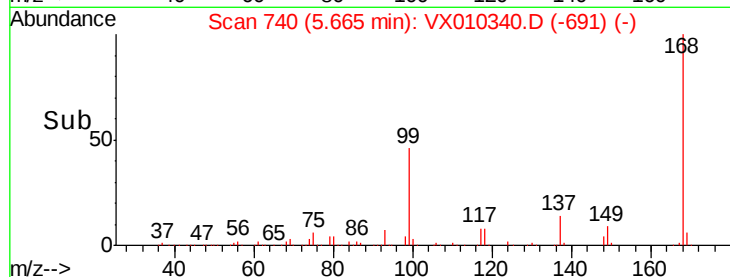
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.360 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010340.D

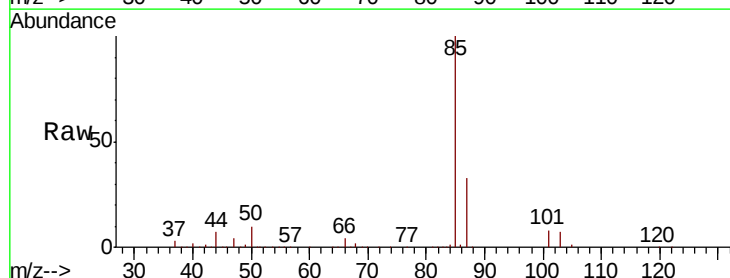
Acq: 18 Jun 2019 14:02

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

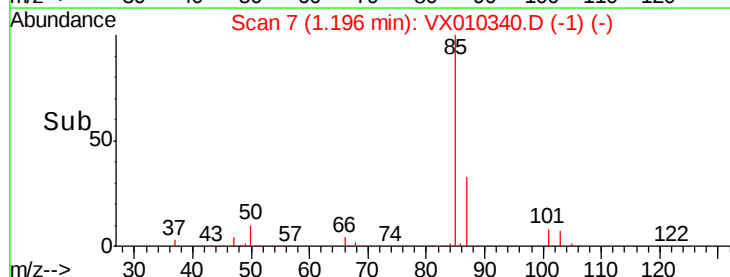
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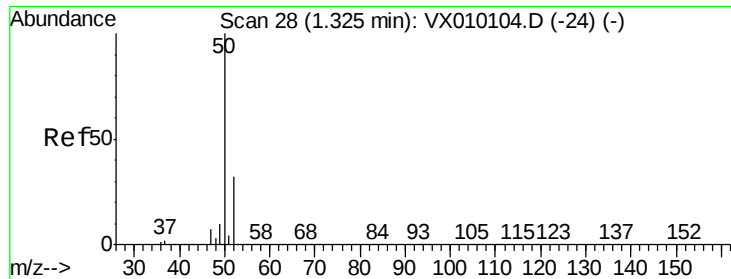
20000

10000

0

Time-->





#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 :

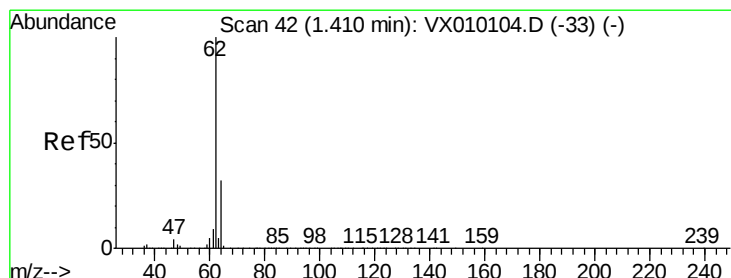
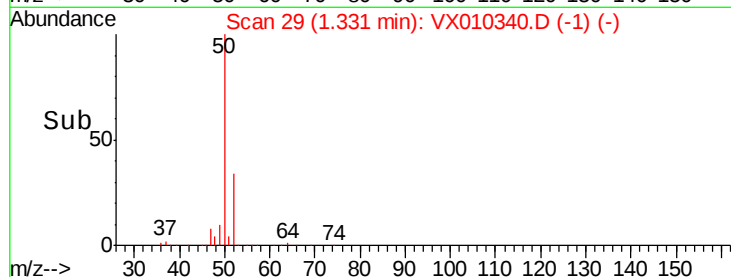
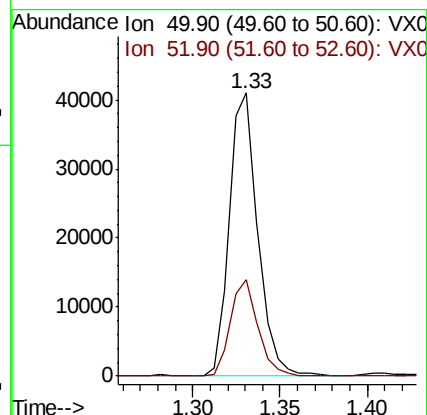
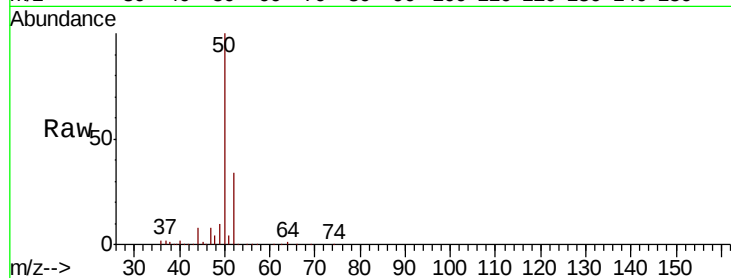
VX0618WBSD01

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

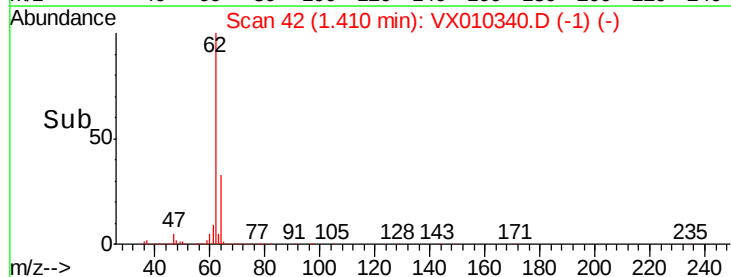
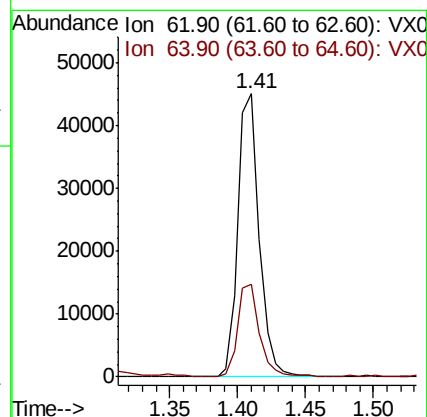
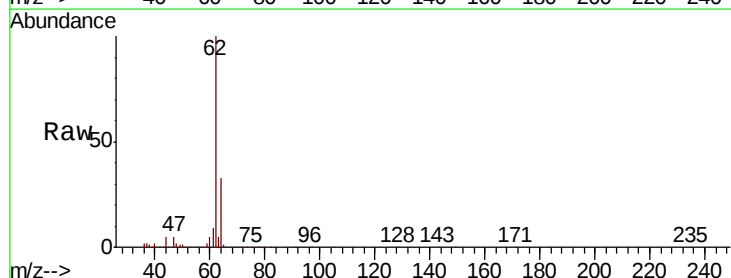
Acq: 18 Jun 2019 14:02

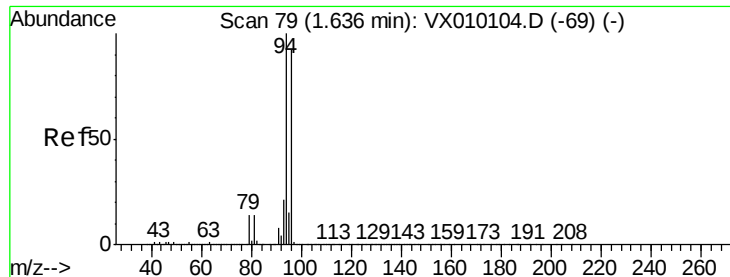
Tgt Ion: 62 Resp: 49346

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

ClientSampleId :

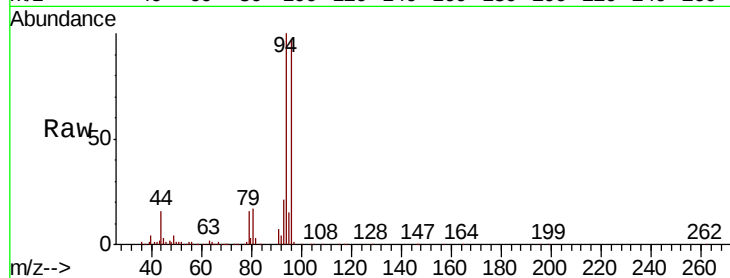
VX0618WBSD01

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

1.64

25000

20000

15000

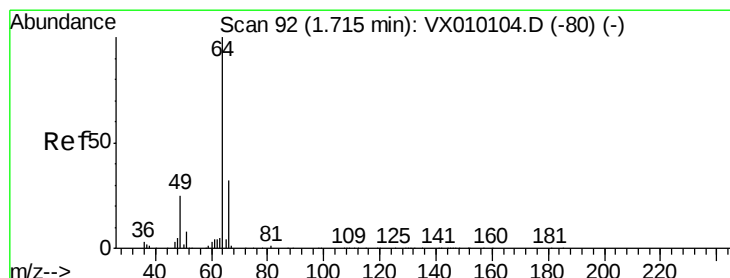
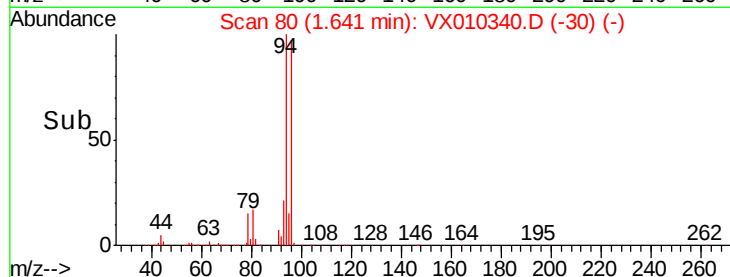
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 23.490 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010340.D

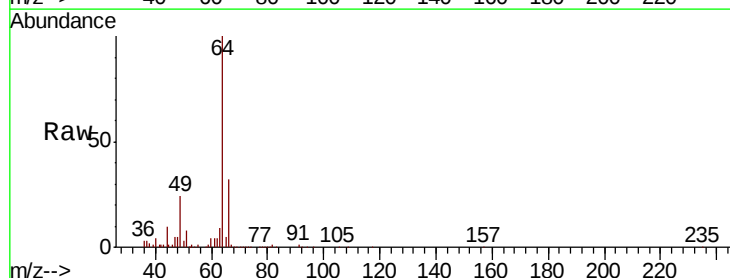
Acq: 18 Jun 2019 14:02

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

1.72

25000

20000

15000

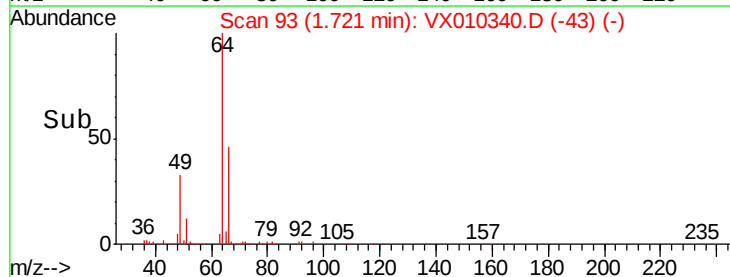
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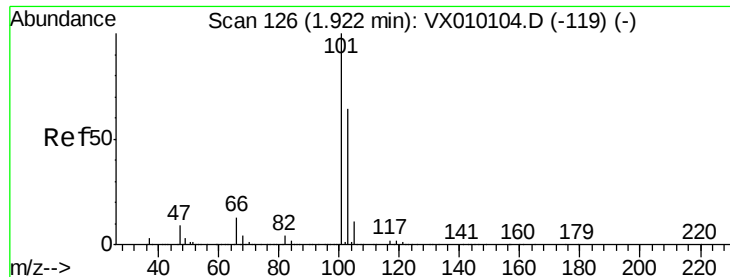
5000

0

1.65 1.70 1.75 1.80

Time-->



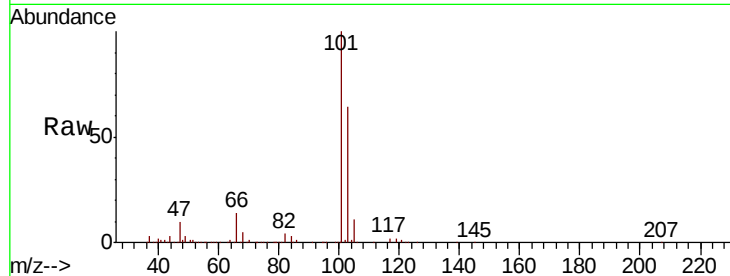


#7

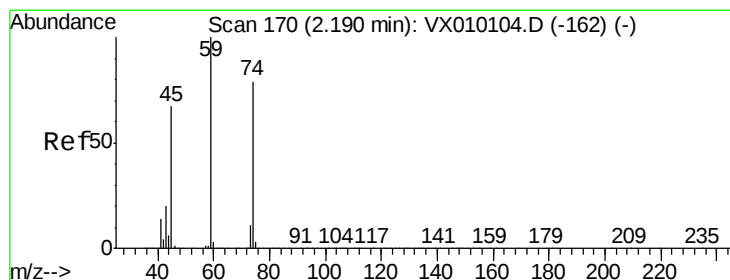
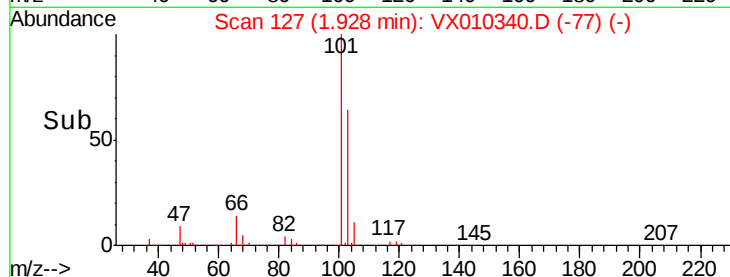
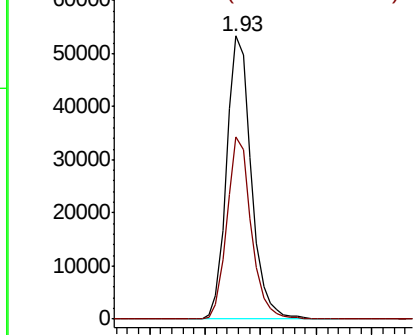
Trichlorofluoromethane
Concen: 22.199 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

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



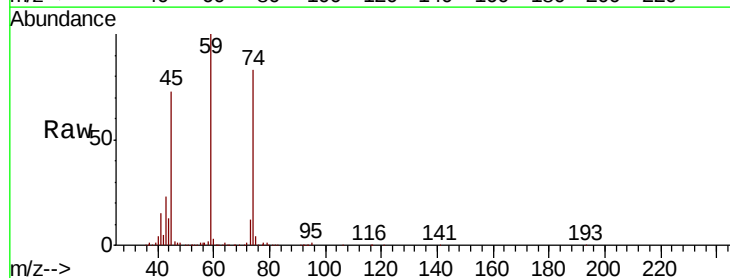
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



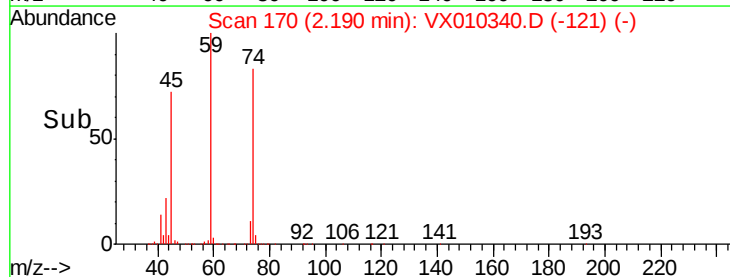
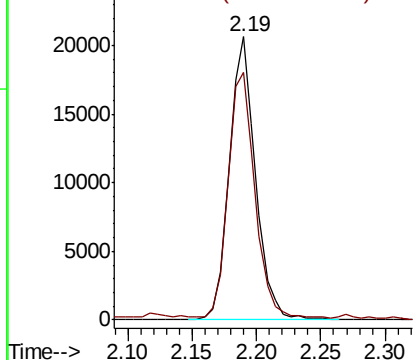
#8

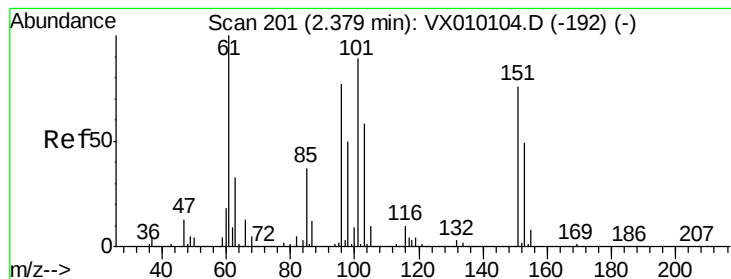
Diethyl Ether
Concen: 23.256 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

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



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 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 :

VX0618WBSD01

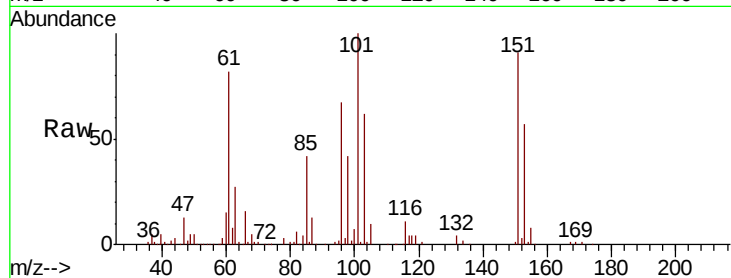
Tot Ion:101 Resp: 47500

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

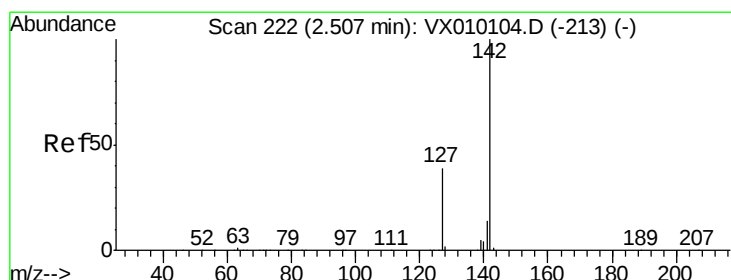
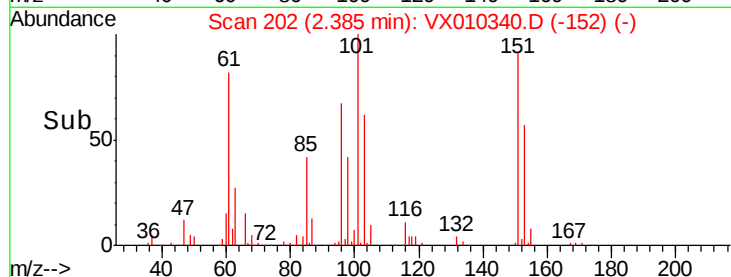
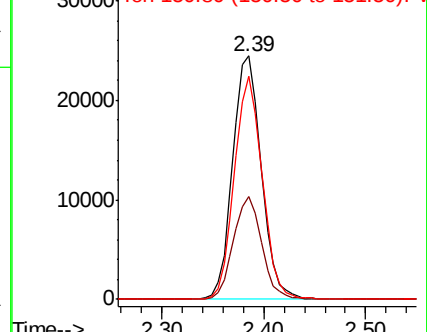
151 89.2 61.9 92.9



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

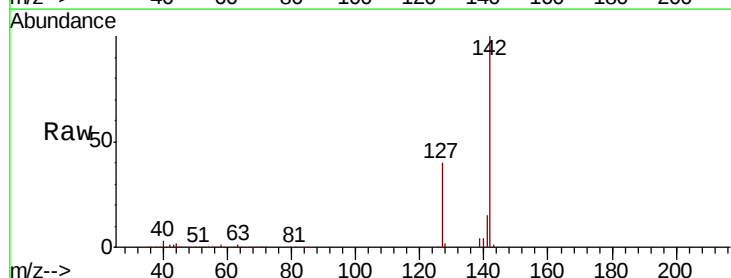
Tgt Ion:142 Resp: 62389

Ion Ratio Lower Upper

142 100

127 38.9 33.0 49.4

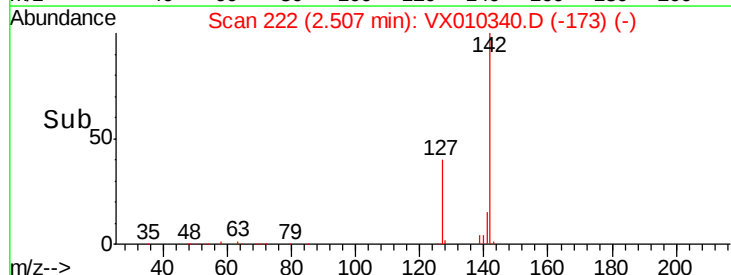
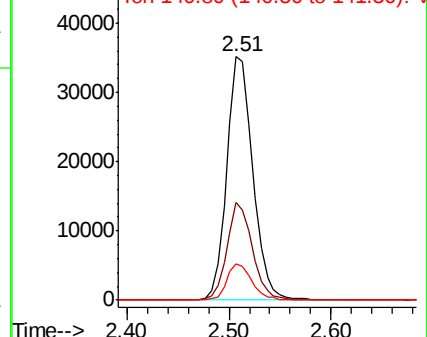
141 14.5 11.4 17.0

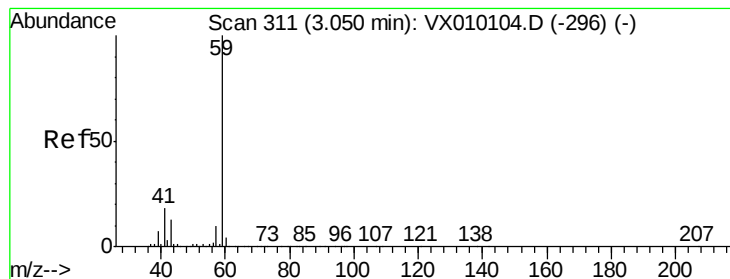


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



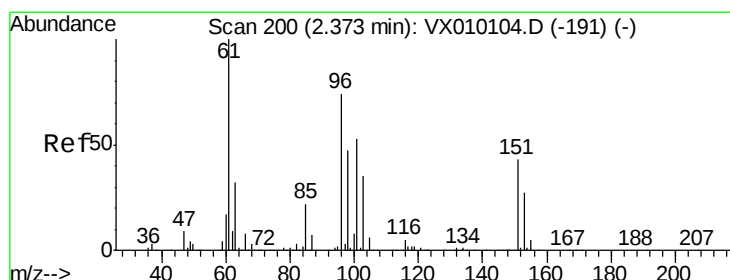
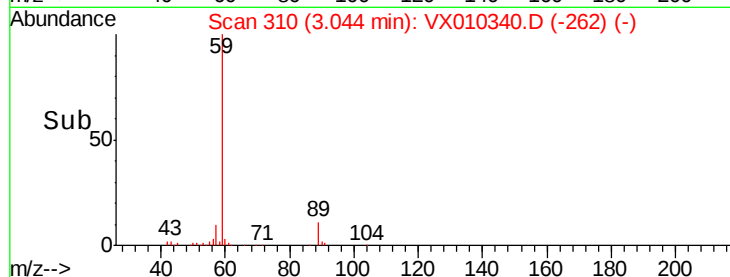
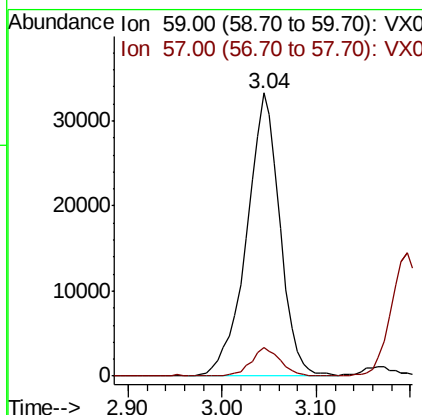
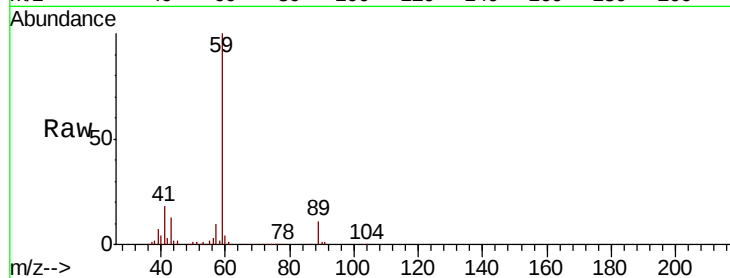


#11

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 :
 VX0618WBSD01

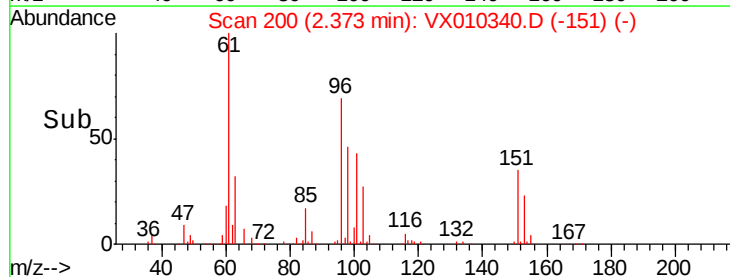
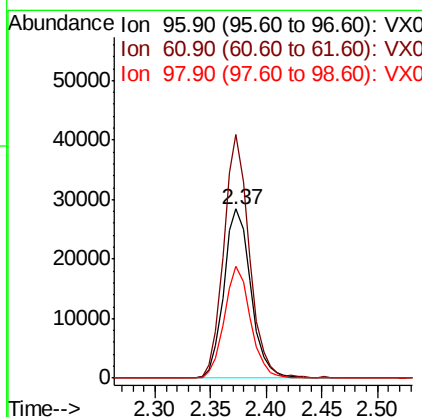
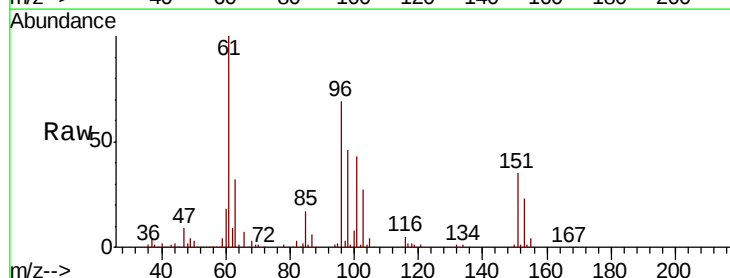
Tot Ion: 59 Resp: 82703
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.2 12.2

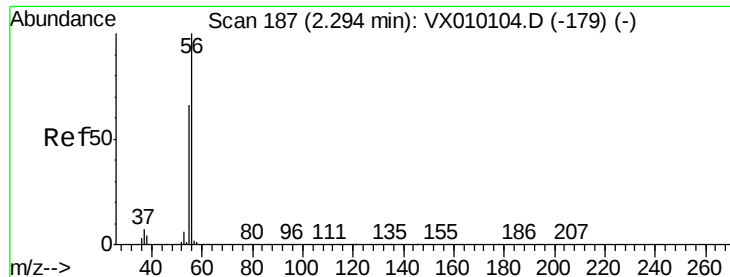


#12

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 :

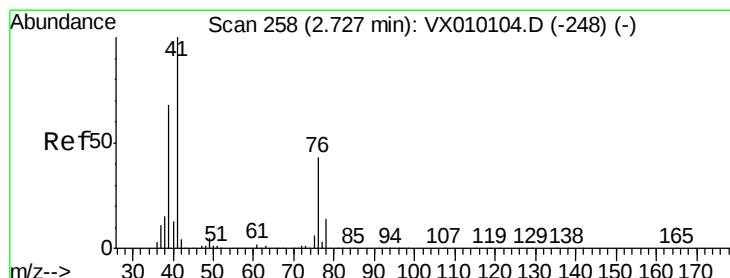
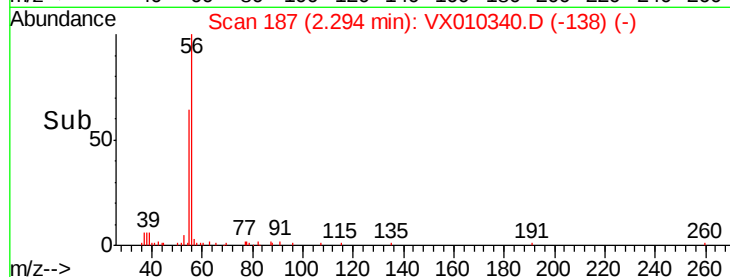
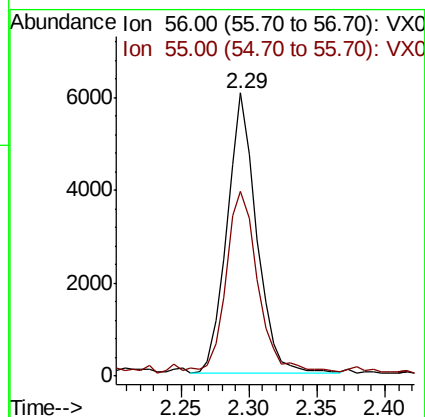
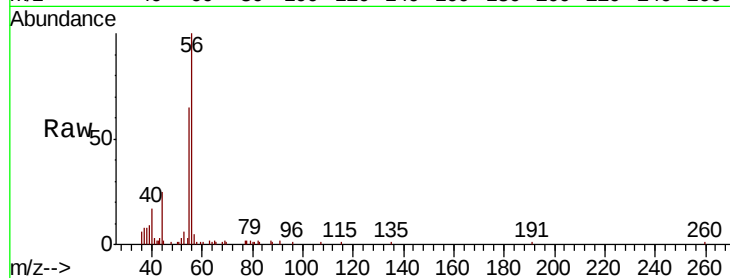
VX0618WBSD01

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

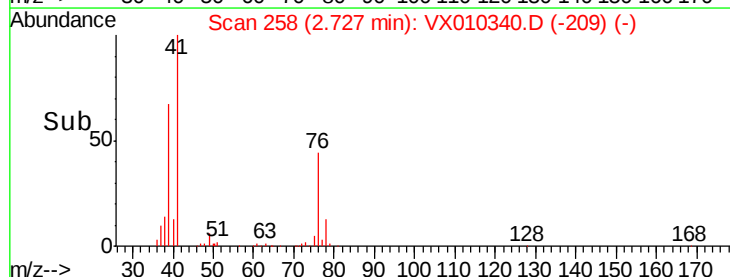
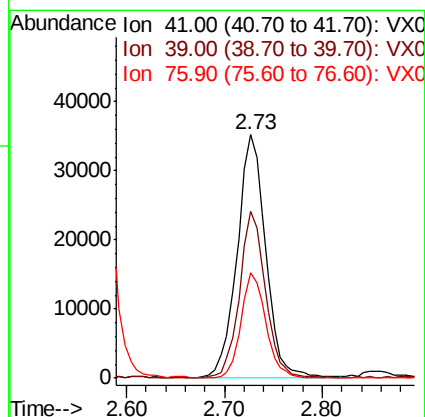
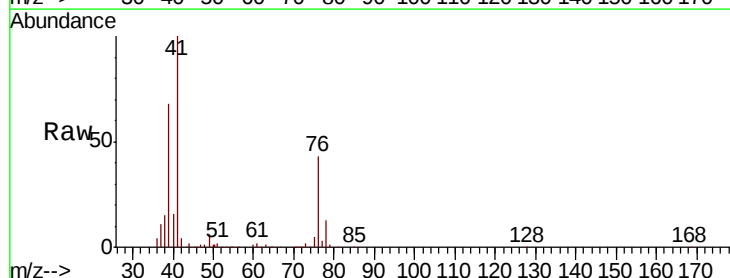
Tgt Ion: 41 Resp: 70675

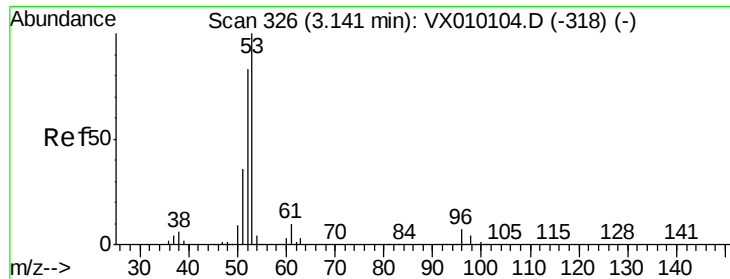
Ion Ratio Lower Upper

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 :

VX0618WBSD01

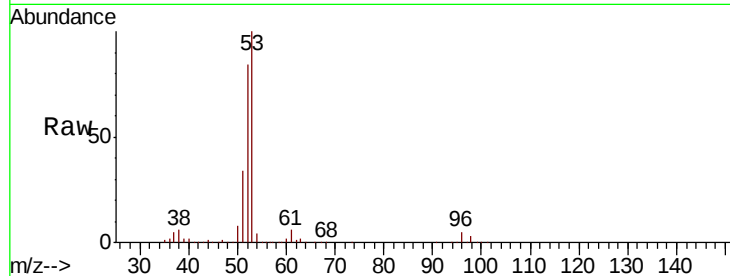
Tot Ion: 53 Resp: 144289

Ion Ratio Lower Upper

53 100

52 81.5 66.7 100.1

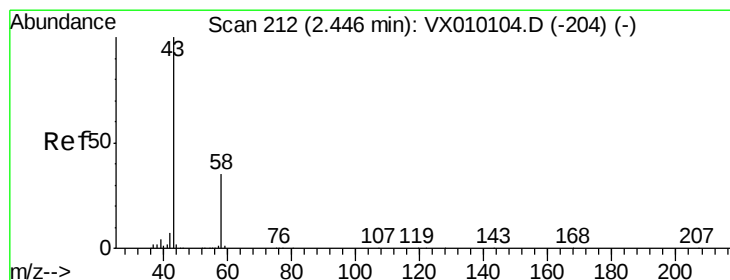
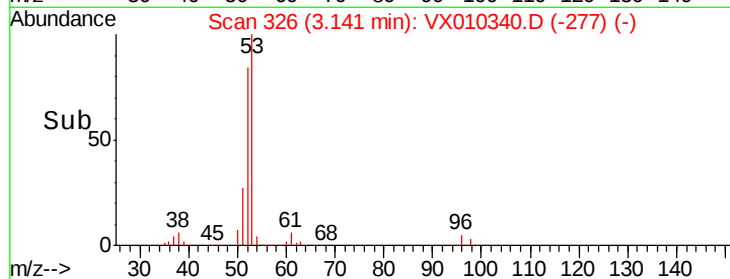
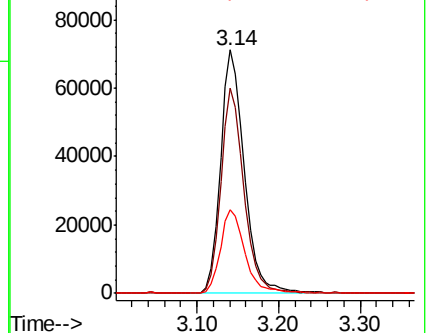
51 35.2 28.8 43.2



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

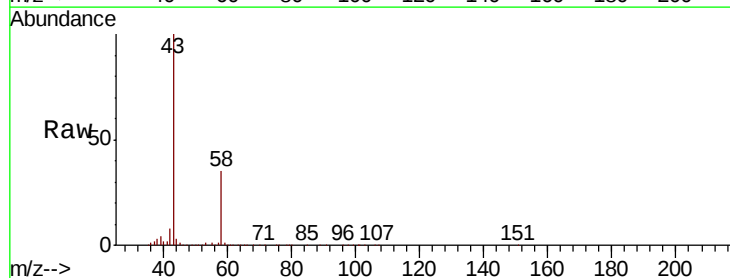
Acq: 18 Jun 2019 14:02

Tgt Ion: 43 Resp: 128962

Ion Ratio Lower Upper

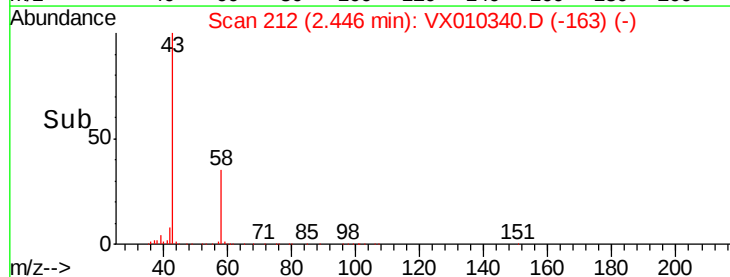
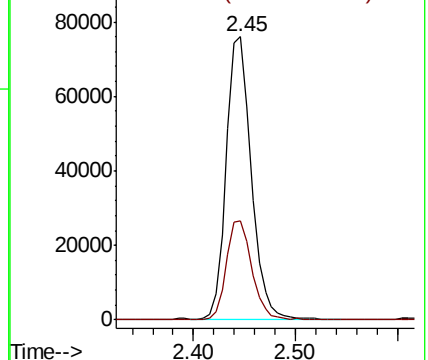
43 100

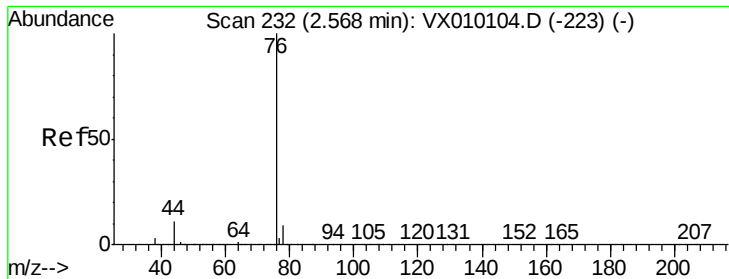
58 34.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

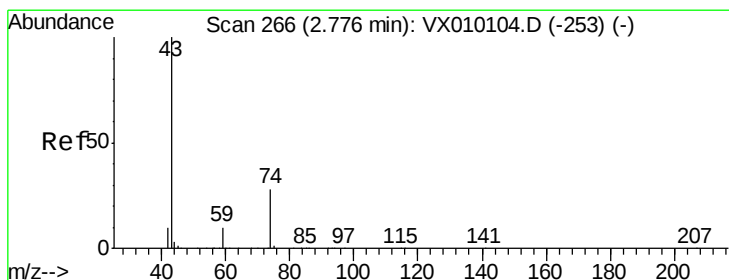
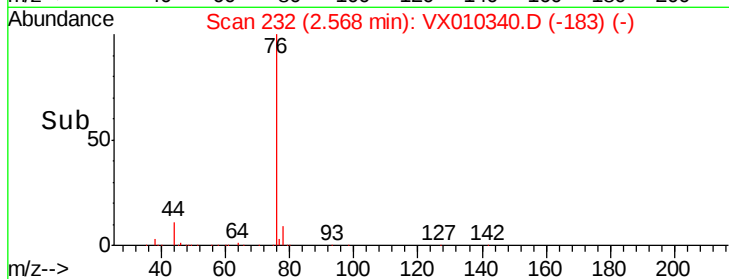
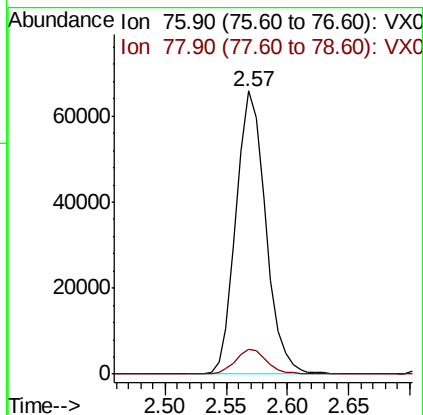
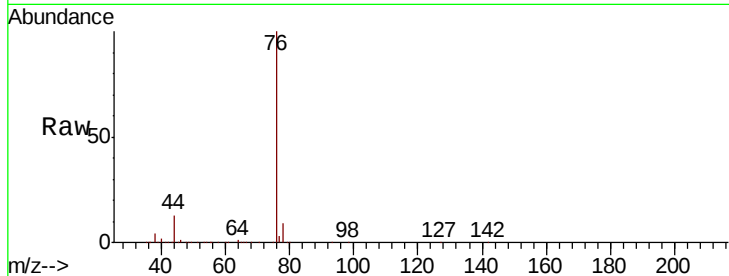




#17
Carbon Disulfide
Concen: 14.866 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

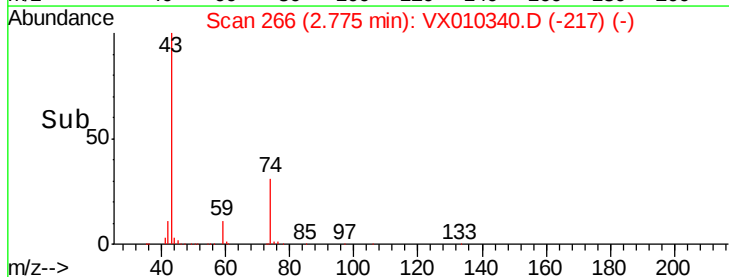
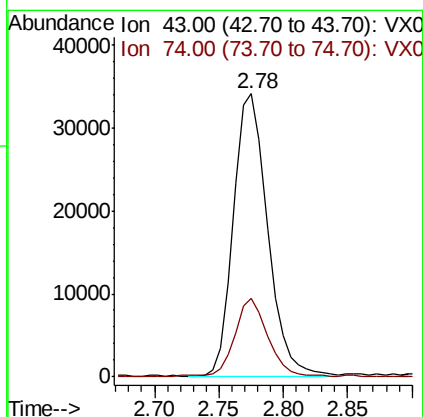
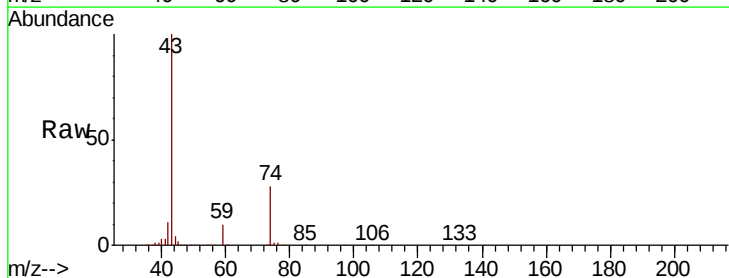
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

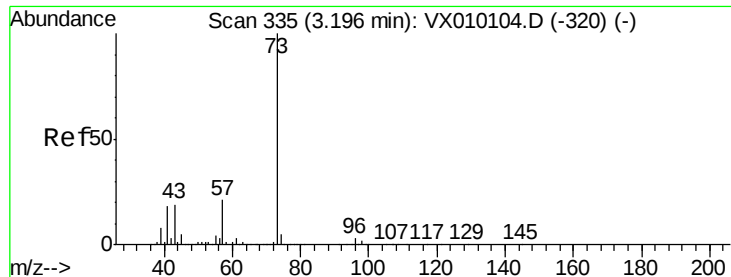
Tot Ion: 76 Resp: 111064
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#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#



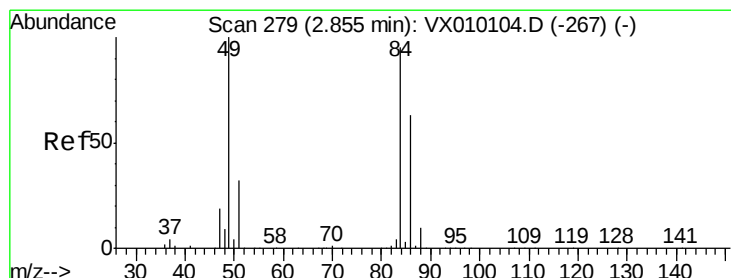
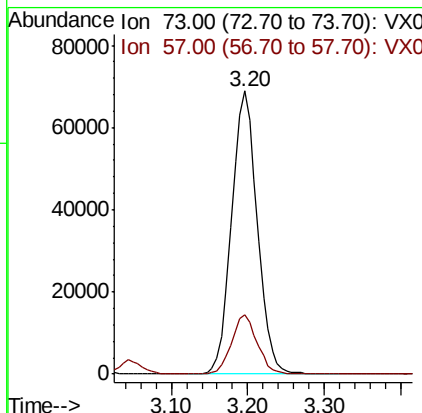
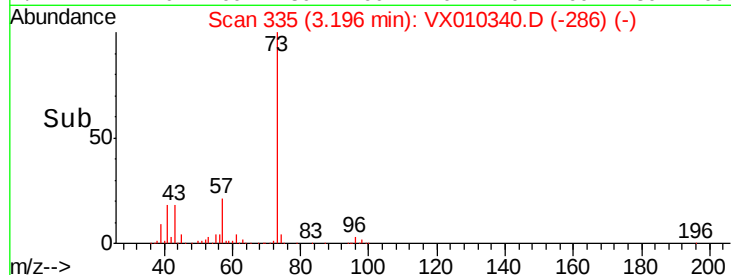
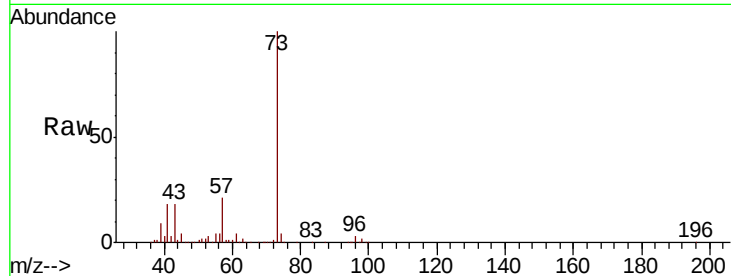


#19

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 :
 VX0618WBSD01

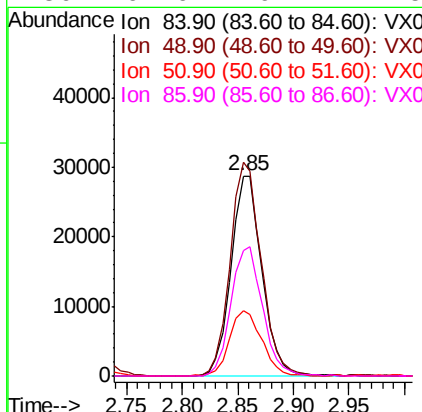
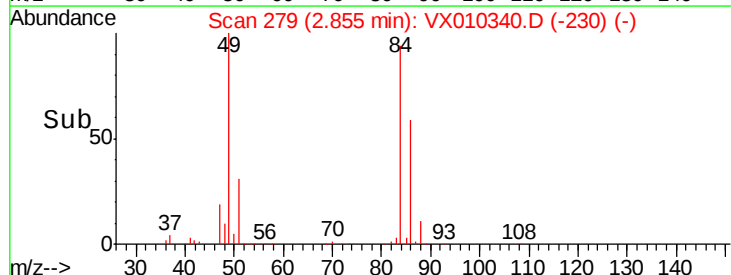
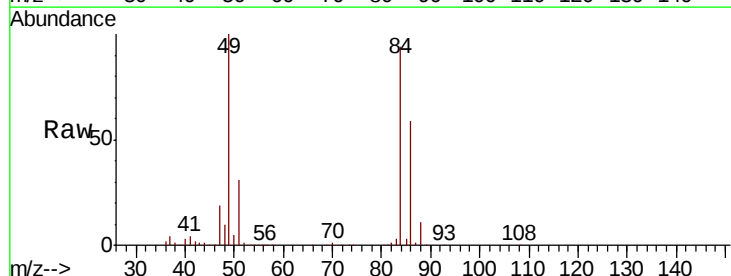
Tot Ion: 73 Resp: 160128
 Ion Ratio Lower Upper
 73 100
 57 20.9 19.4 29.2

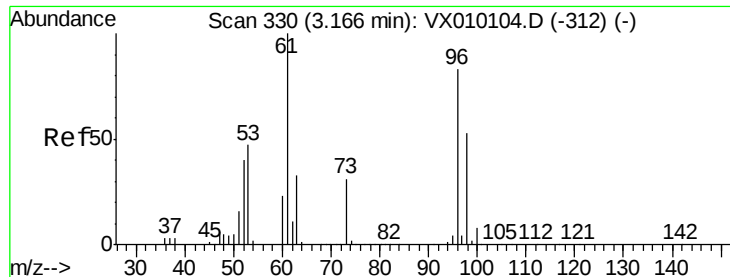


#20

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 :

VX0618WBSD01

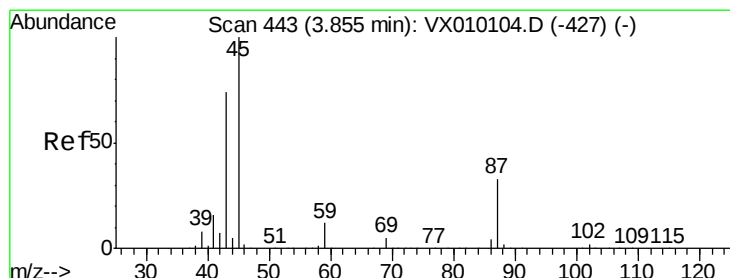
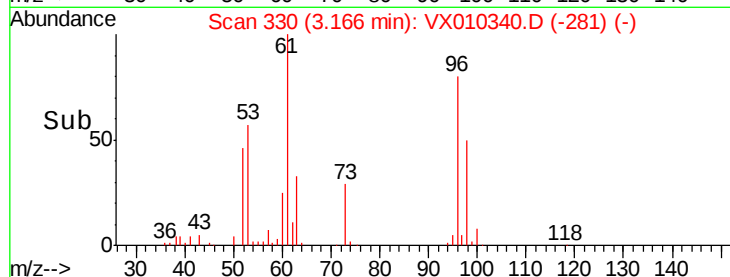
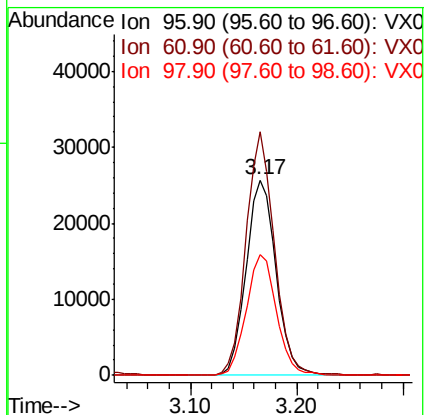
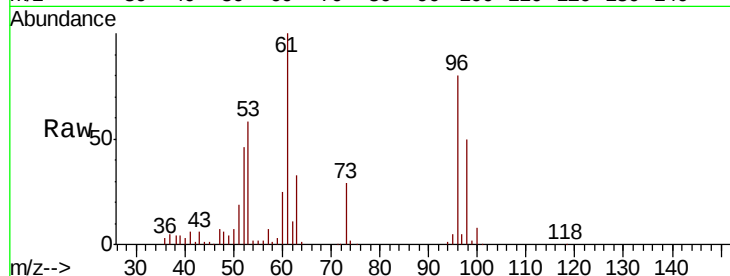
Tot Ion: 96 Resp: 50687

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

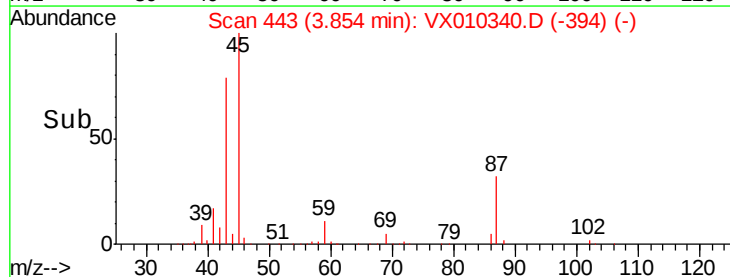
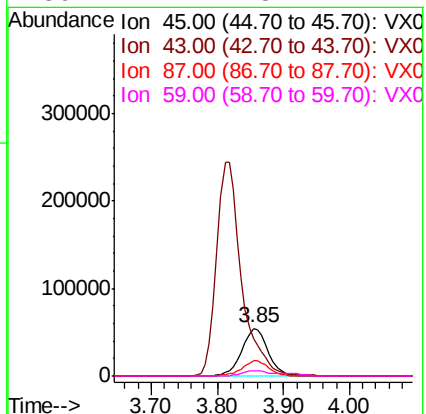
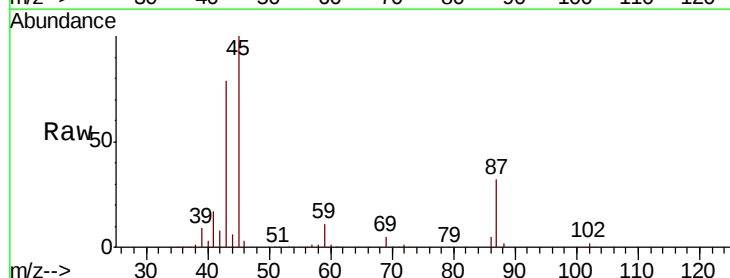
Ion Ratio Lower Upper

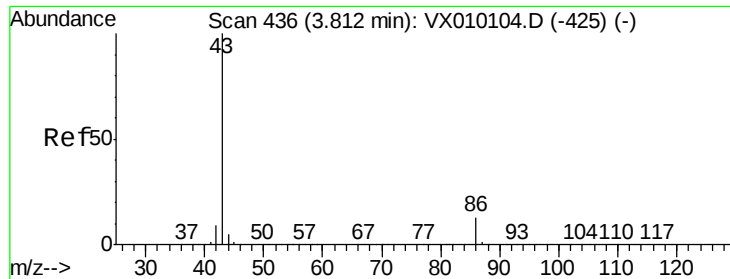
45 100

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

ClientSampleID :

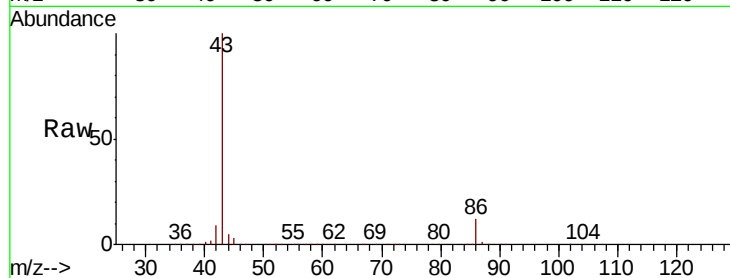
VX0618WBSD01

Tot Ion: 43 Resp: 643274

Ion Ratio Lower Upper

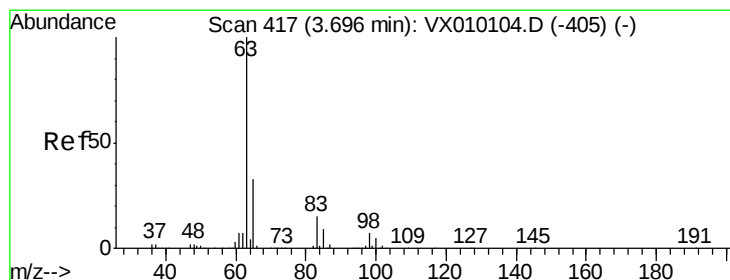
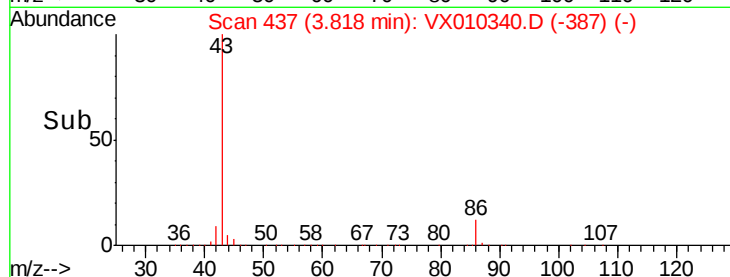
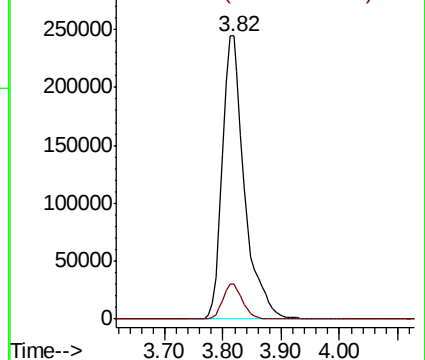
43 100

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

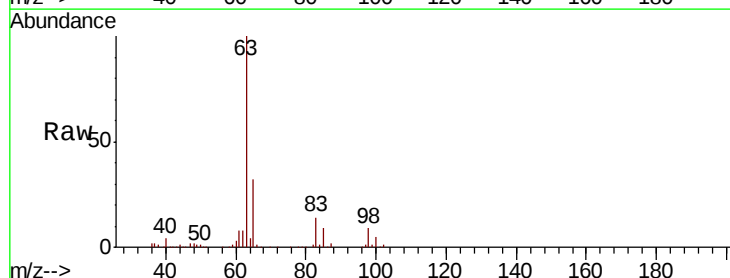
Tgt Ion: 63 Resp: 85649

Ion Ratio Lower Upper

63 100

98 8.6 2.9 8.8

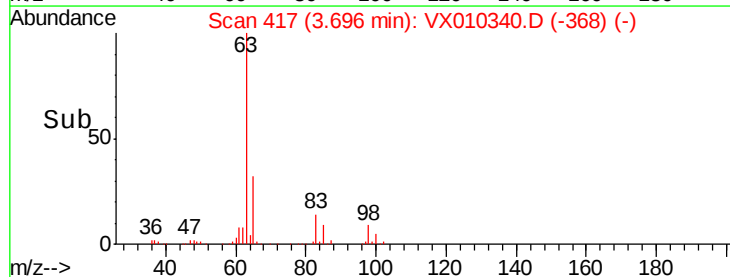
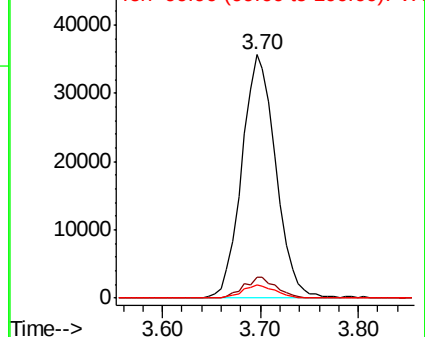
100 5.2 1.8 5.4



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

ClientSampleId :

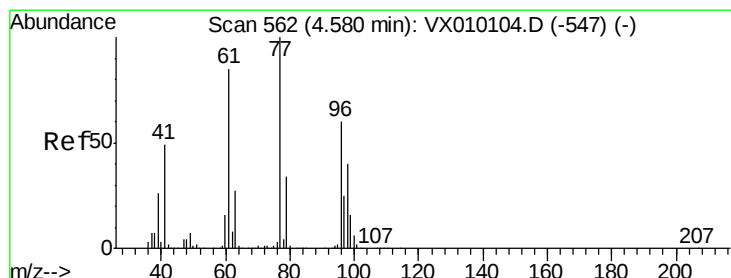
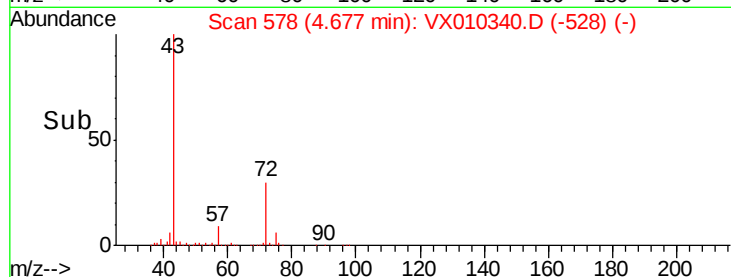
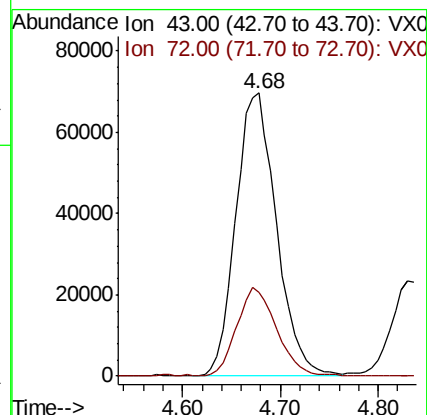
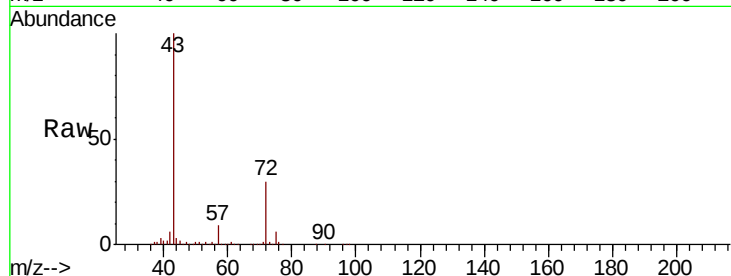
VX0618WBSD01

Tot Ion: 43 Resp: 199597

Ion Ratio Lower Upper

43 100

72 29.7 17.5 26.3#



#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

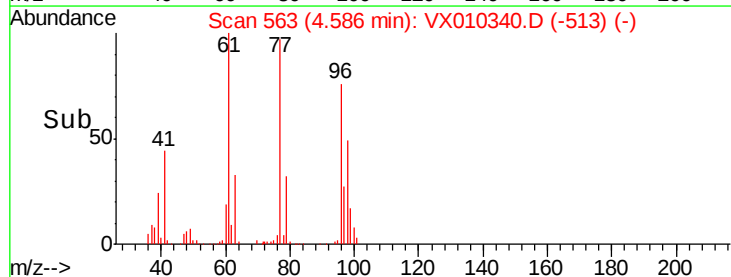
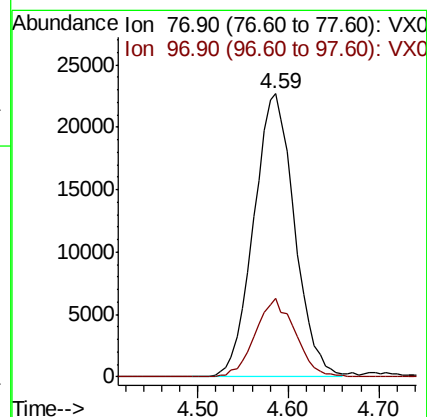
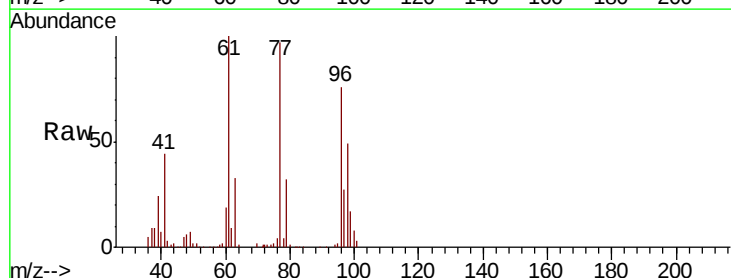
Acq: 18 Jun 2019 14:02

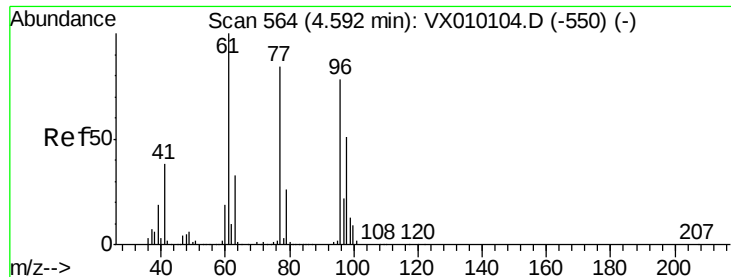
Tgt Ion: 77 Resp: 70569

Ion Ratio Lower Upper

77 100

97 27.2 11.4 34.2



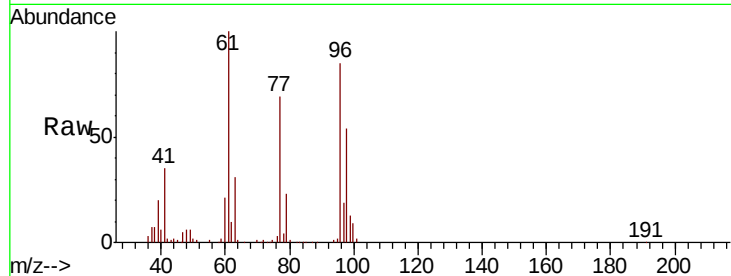


#27

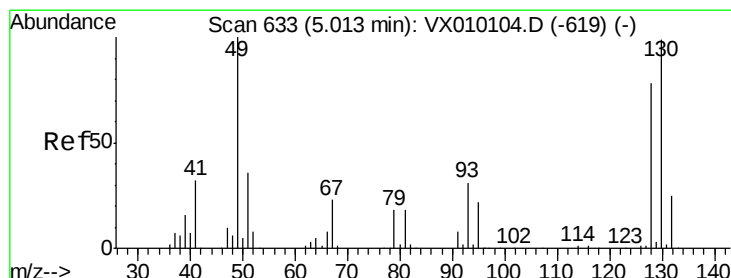
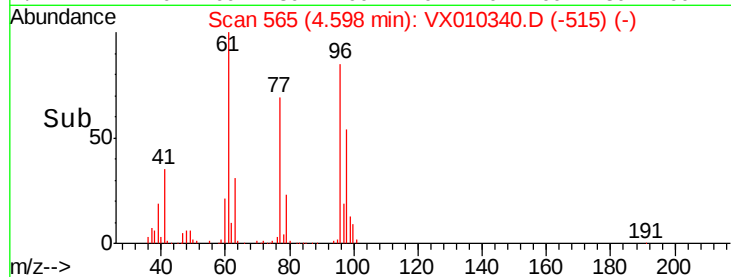
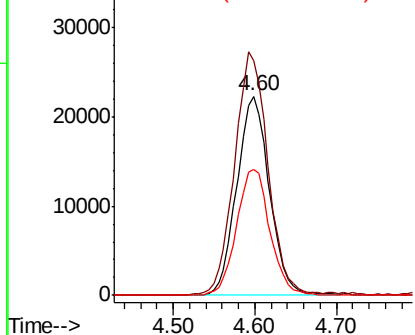
cis-1,2-Dichloroethene
 Concen: 19.422 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

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



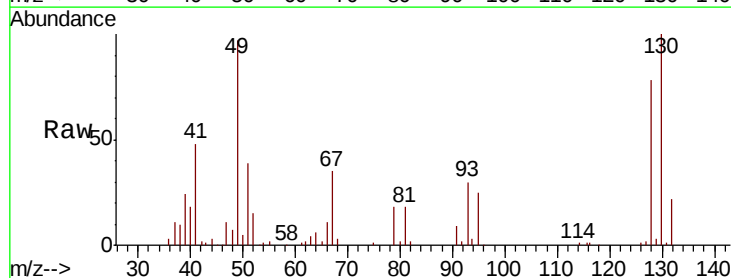
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



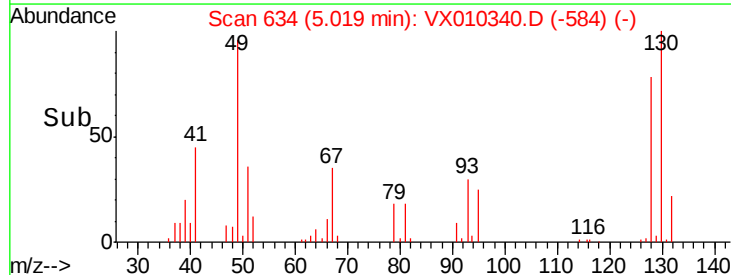
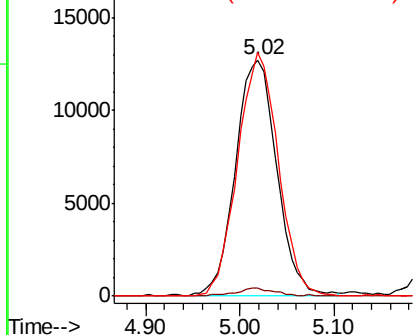
#28

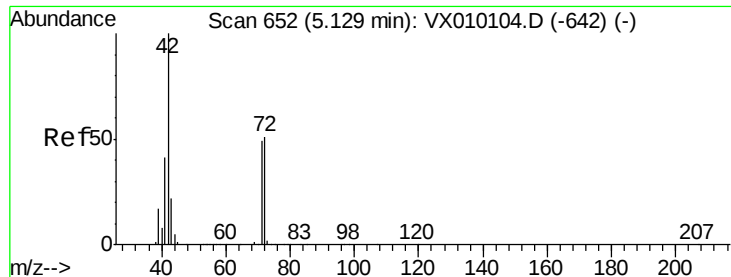
Bromochloromethane
 Concen: 19.193 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	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

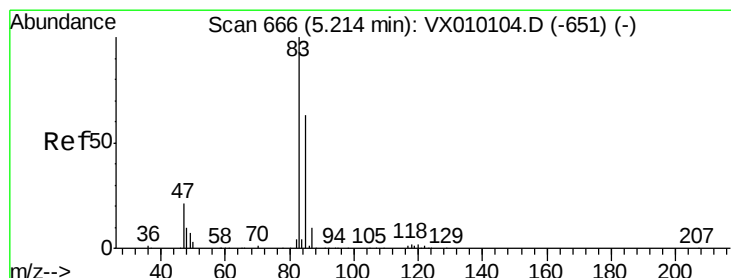
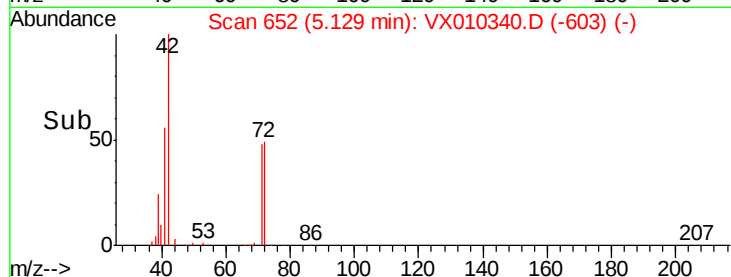
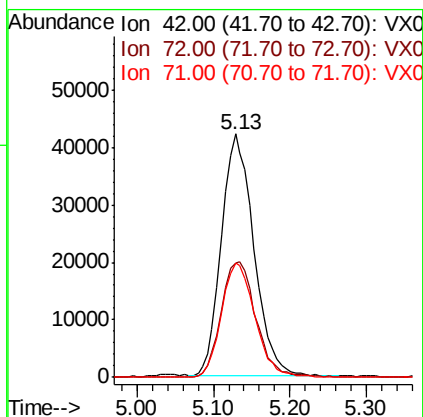
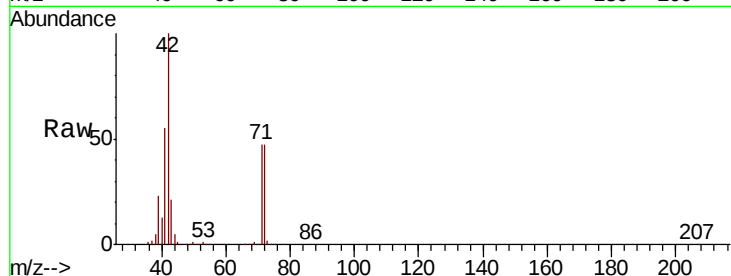




#29
Tetrahydrofuran
Concen: 100.415 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

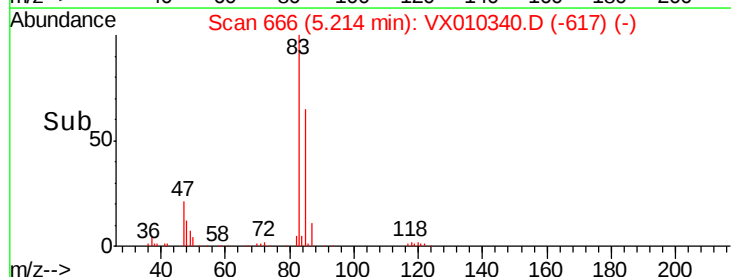
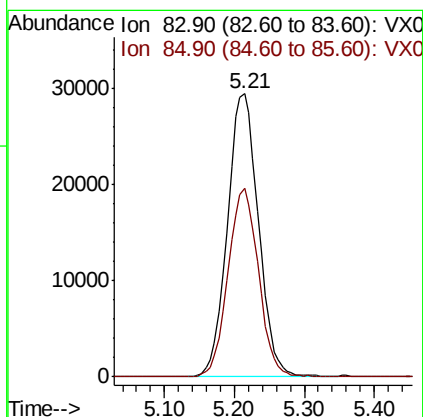
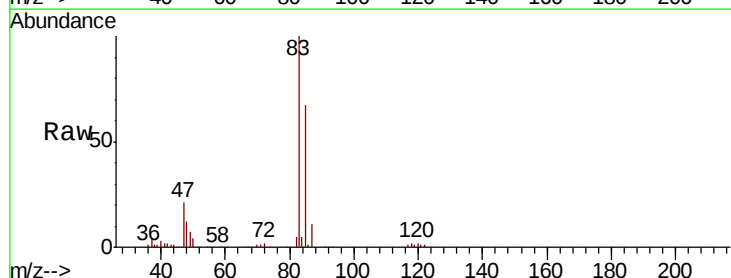
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

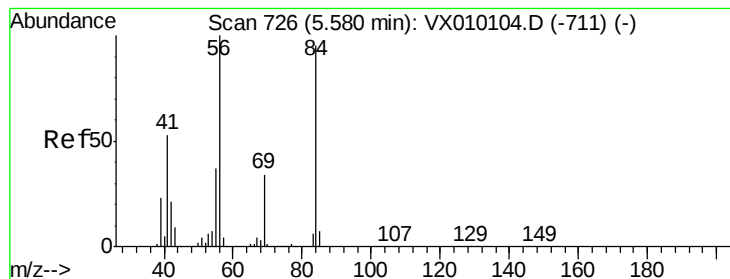
Tot Ion: 42 Resp: 124193
Ion Ratio Lower Upper
42 100
72 51.3 29.2 43.8#
71 48.6 27.6 41.4#



#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 :

VX0618WBSD01

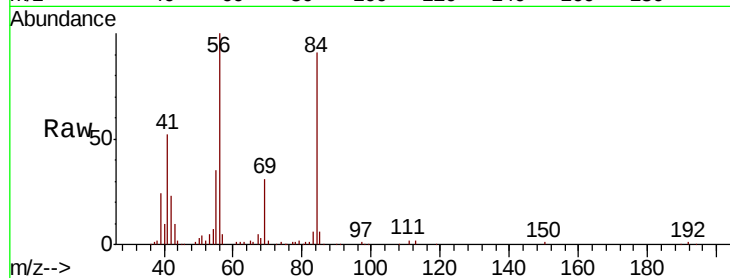
Tot Ion: 56 Resp: 73789

Ion Ratio Lower Upper

56 100

69 30.4 21.6 32.4

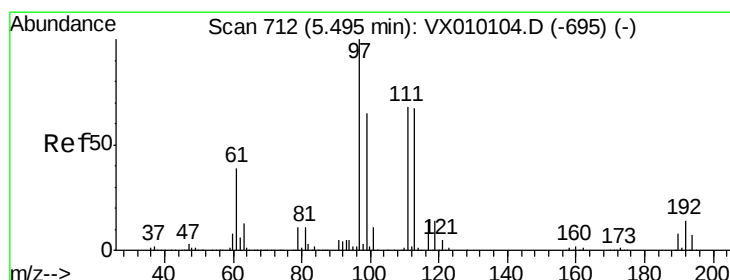
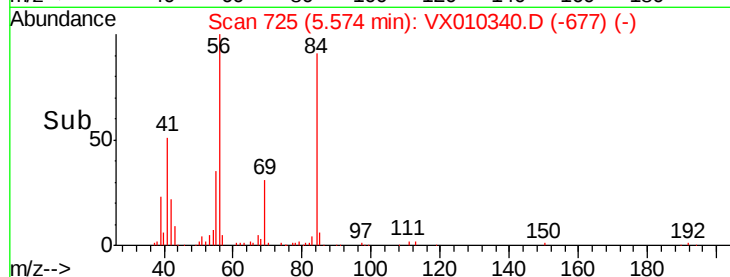
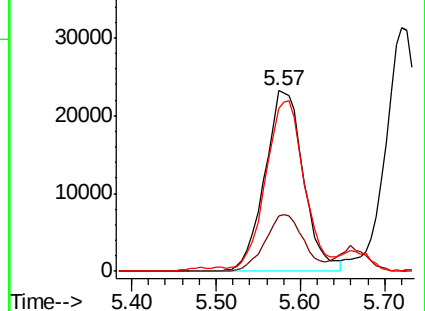
84 89.1 56.8 85.2#



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

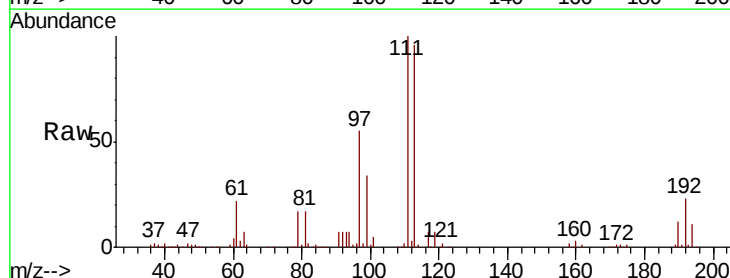
Tgt Ion: 97 Resp: 80296

Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

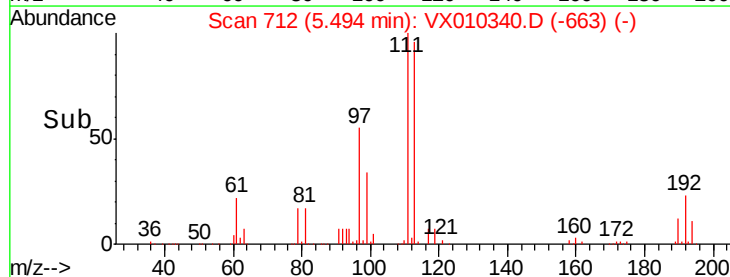
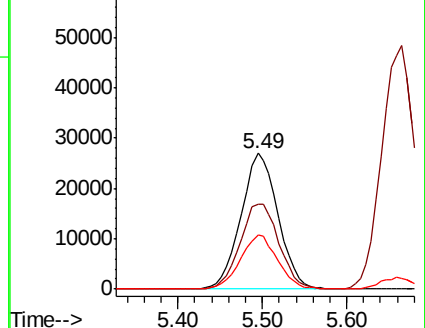
61 40.2 38.7 58.1

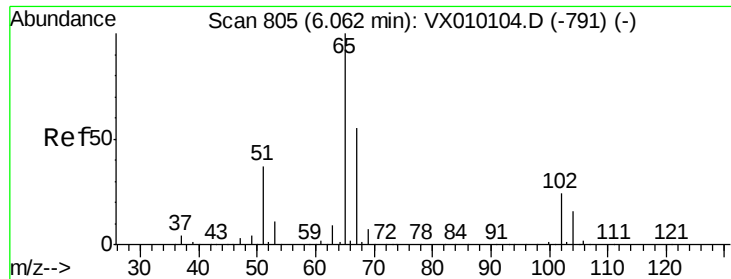


Abundance Ion 96.90 (96.60 to 97.60): VX0

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 :

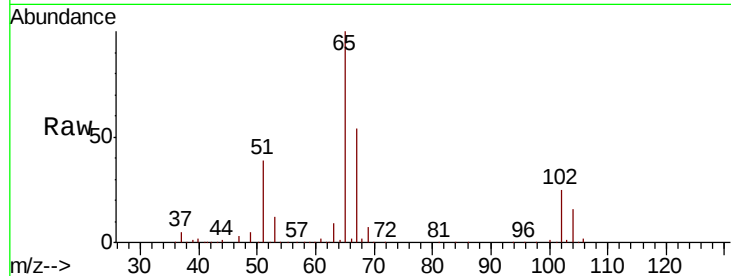
VX0618WBSD01

Tot Ion: 65 Resp: 143184

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

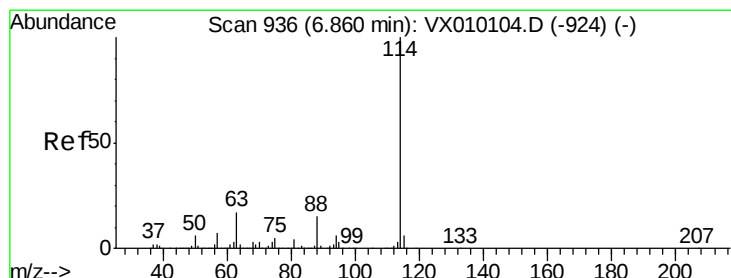
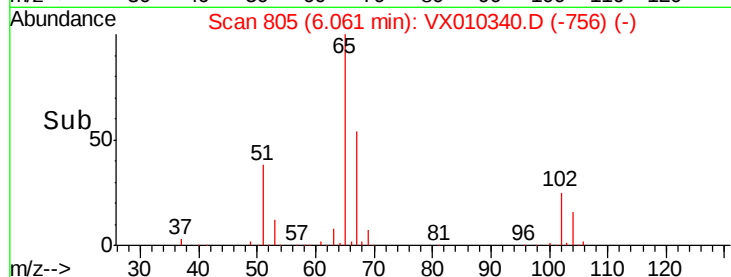
20000

10000

0

Time-->

6.00 6.10 6.20



#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

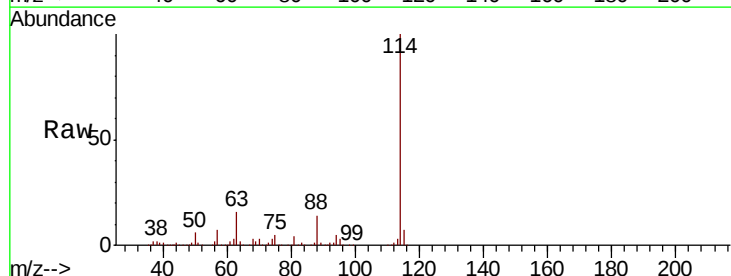
Tgt Ion:114 Resp: 433067

Ion Ratio Lower Upper

114 100

63 16.4 0.0 47.4

88 14.4 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

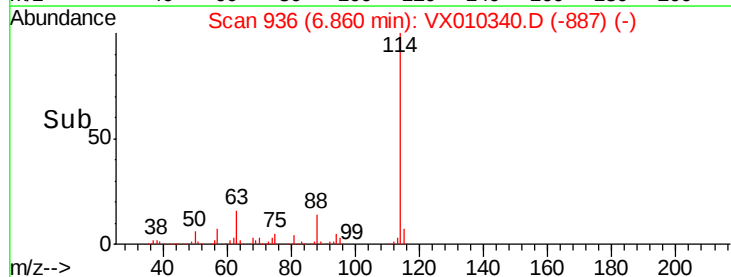
100000

50000

0

Time-->

6.70 6.80 6.90 7.00

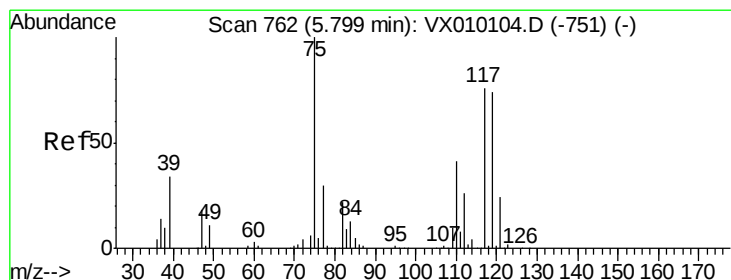
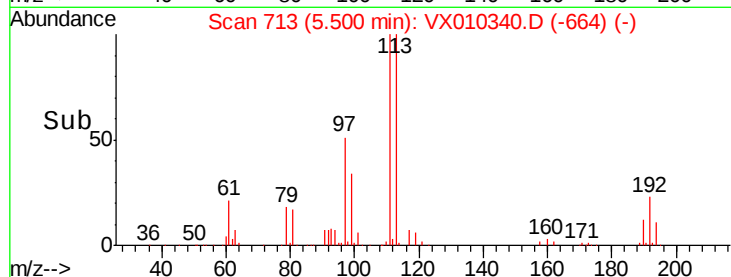
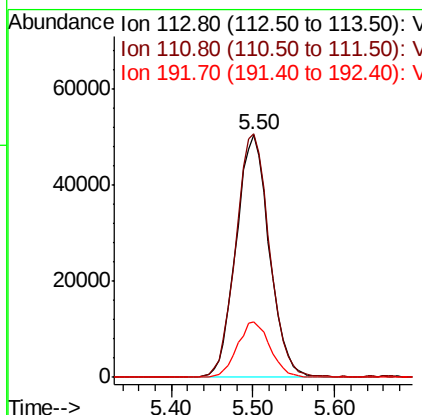
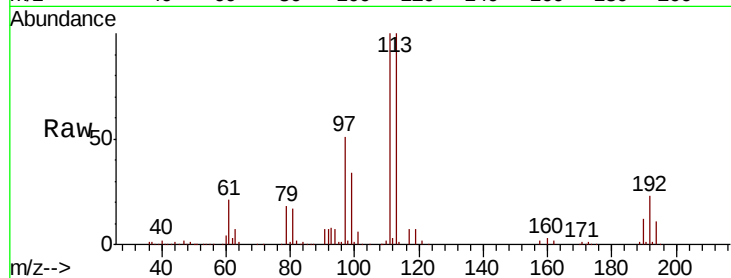




#35
Dibromofluoromethane
Concen: 53.090 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

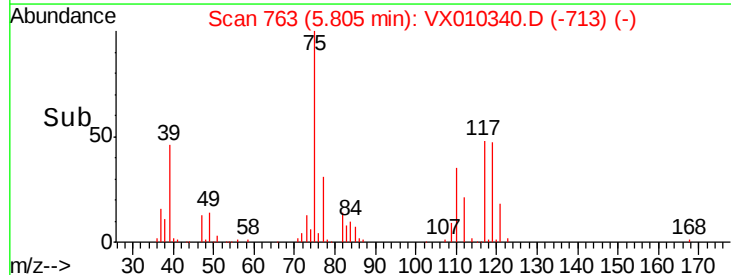
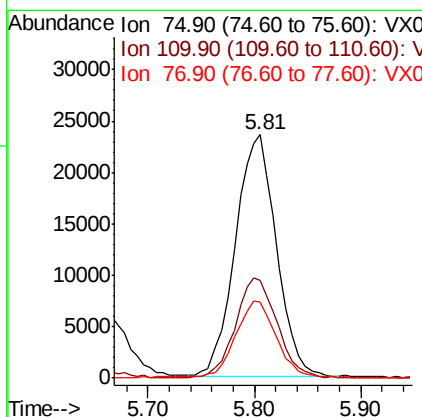
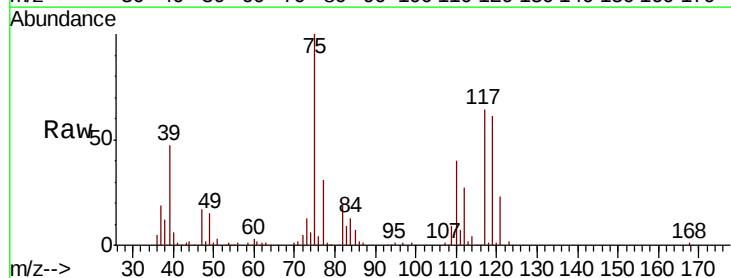
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

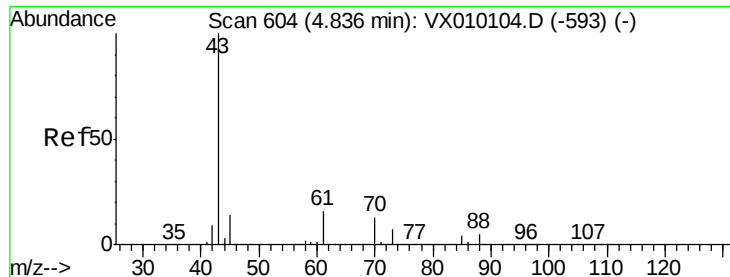
Tot Ion:113 Resp: 141817
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 22.9 17.1 25.7



#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

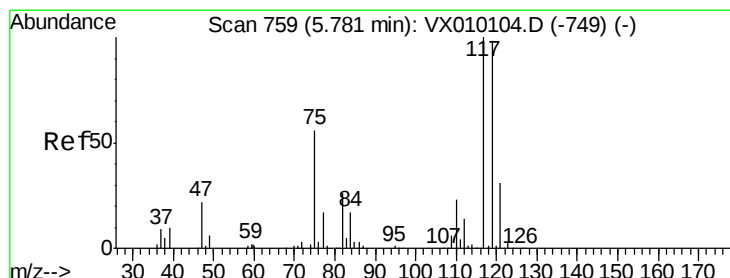
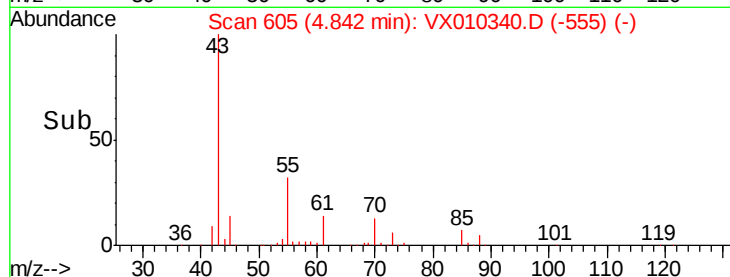
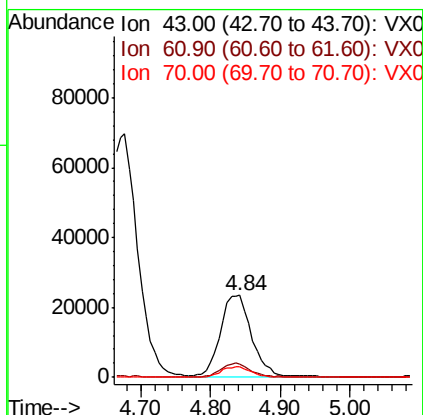
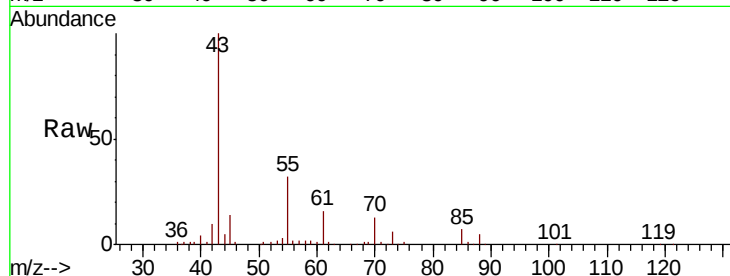




#37
Ethyl Acetate
Concen: 19.724 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

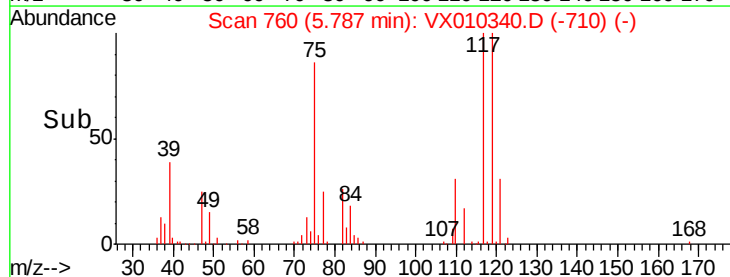
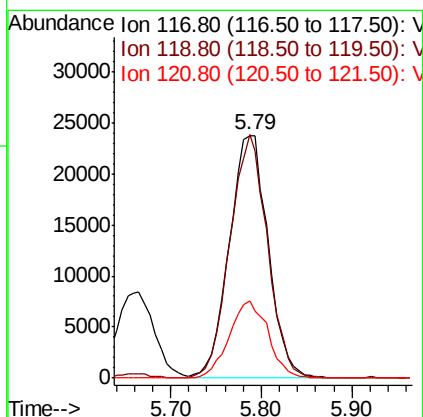
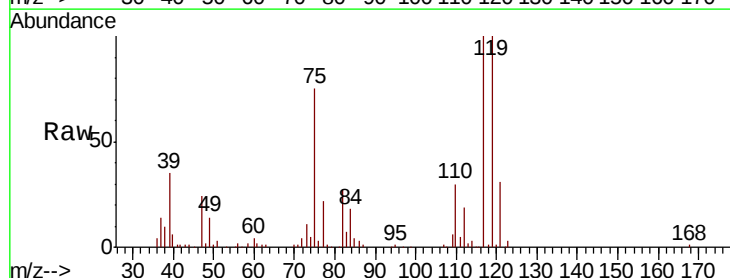
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

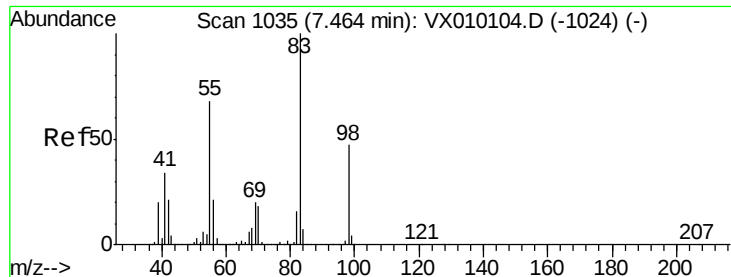
Tot Ion: 43 Resp: 72509
Ion Ratio Lower Upper
43 100
61 16.2 10.2 15.2#
70 12.7 7.4 11.2#



#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

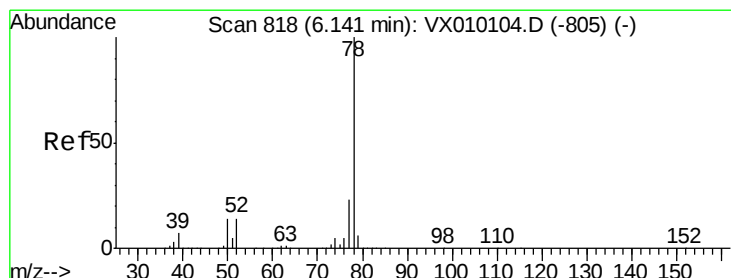
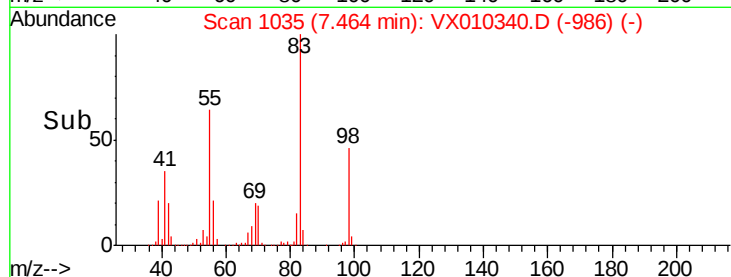
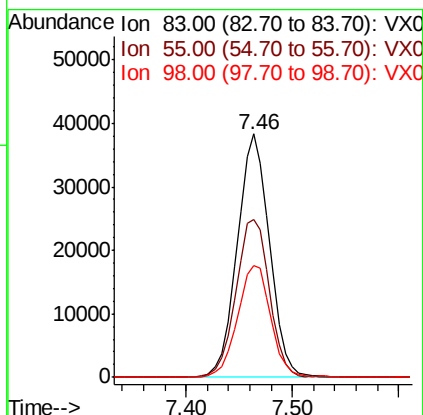
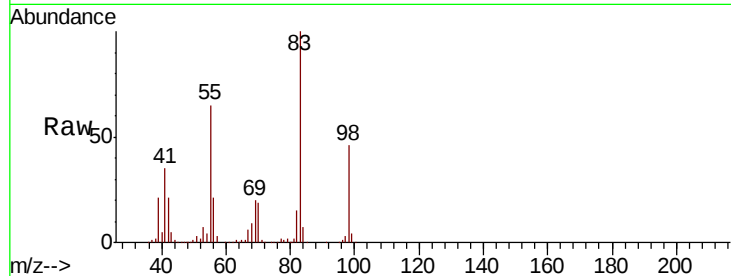




#39
Methvlcvclohexane
Concen: 16.947 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

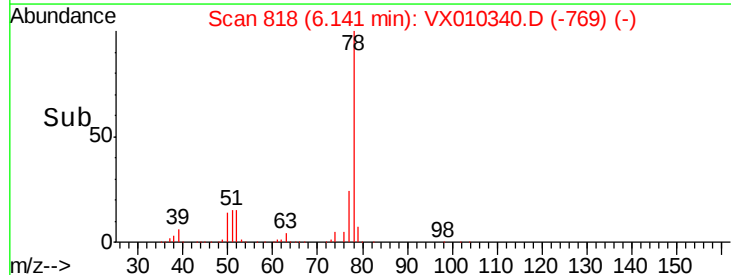
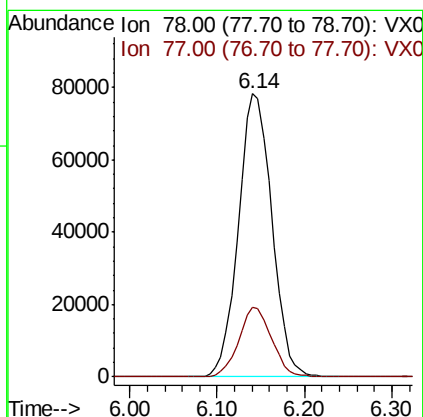
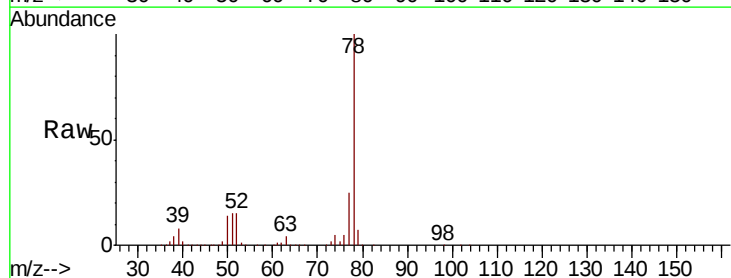
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

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

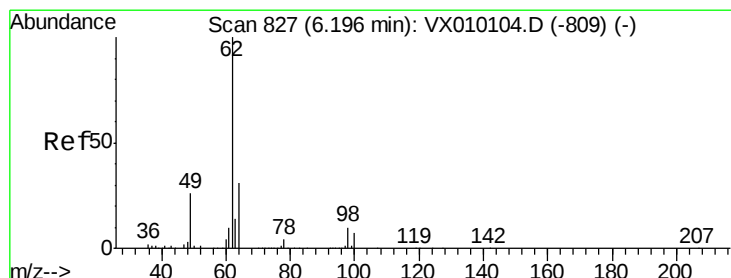
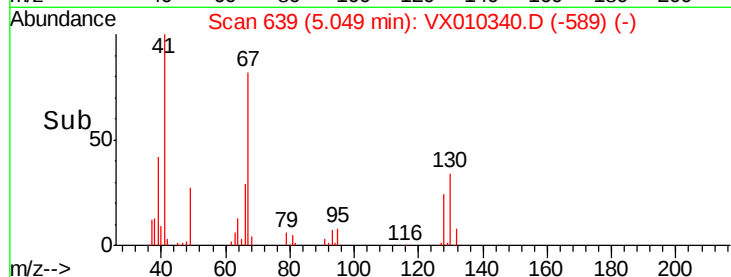
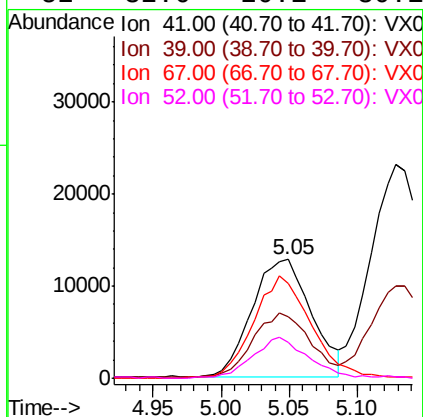
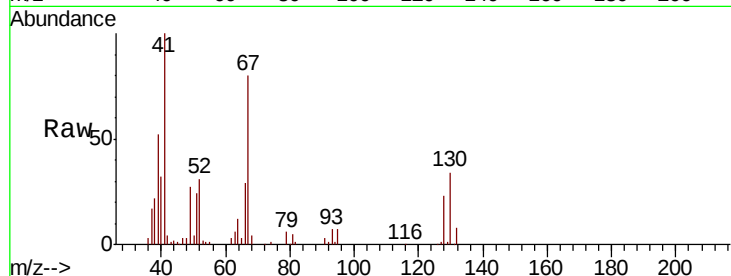




#41
Methacrylonitrile
Concen: 19.678 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

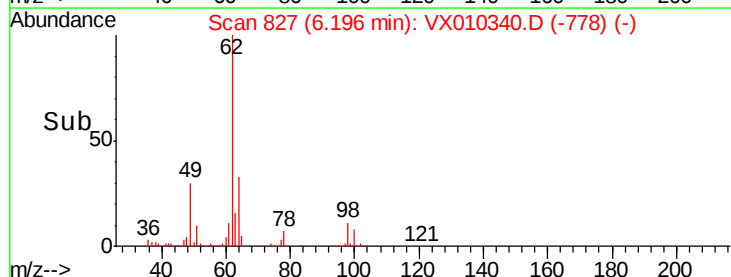
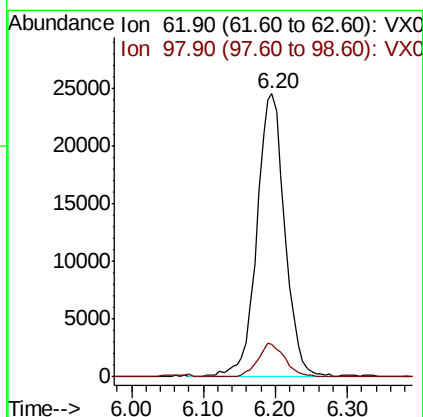
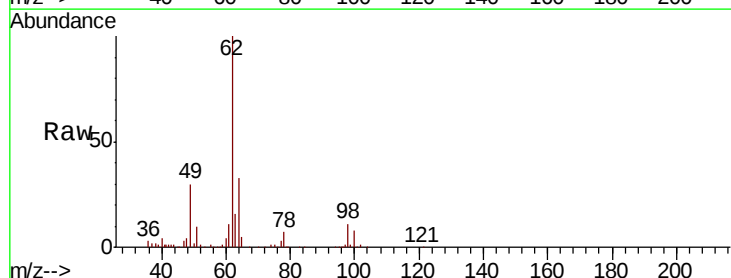
Instrument :
MSVOA_X
ClientSampled :
VX0618WBSD01

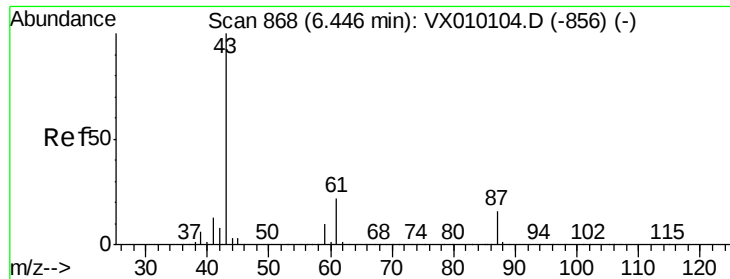
Tot Ion:	41	Resp:	39130
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.2	63.4
67	83.8	48.9	73.3#
52	32.6	20.1	30.1#



#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 :

VX0618WBSD01

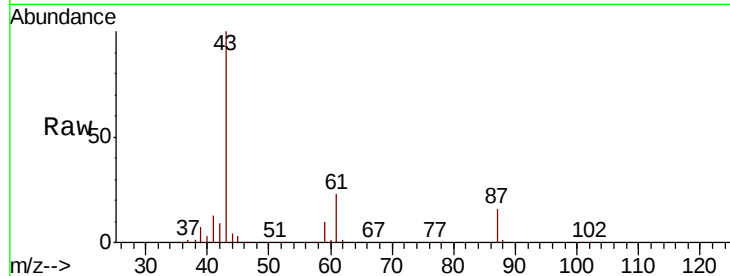
Tot Ion: 43 Resp: 118562

Ion Ratio Lower Upper

43 100

61 22.2 14.6 21.8#

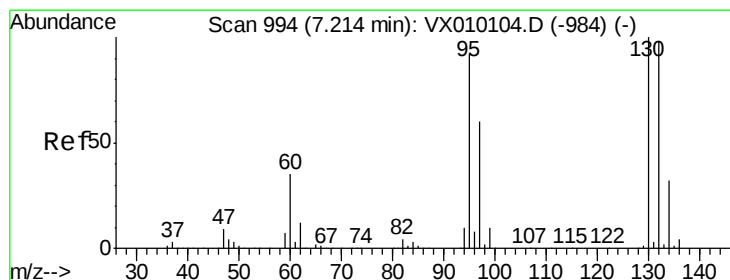
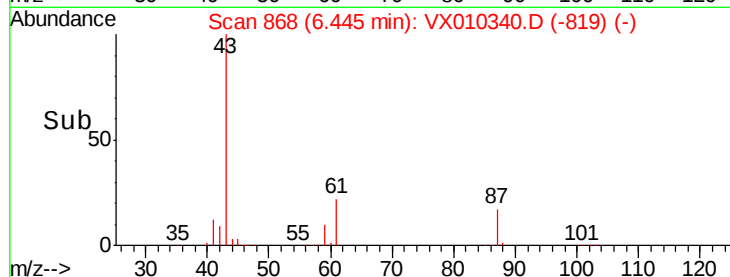
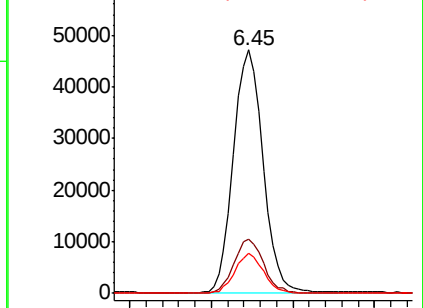
87 16.0 8.7 13.1#



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

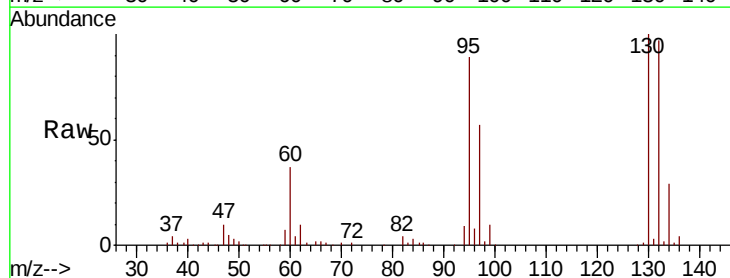
Acq: 18 Jun 2019 14:02

Tgt Ion:130 Resp: 62393

Ion Ratio Lower Upper

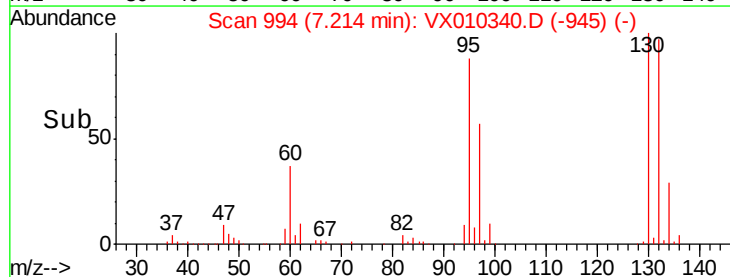
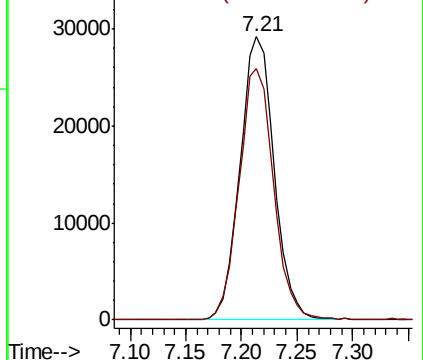
130 100

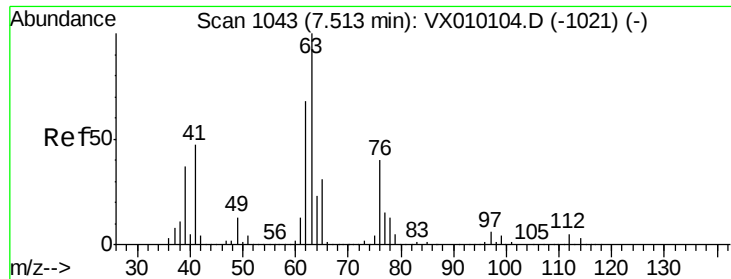
95 88.8 0.0 207.4



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

ClientSampleId :

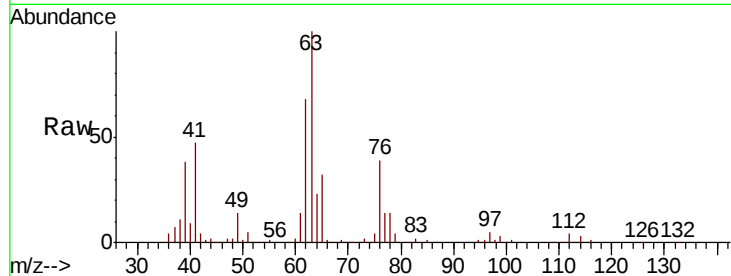
VX0618WBSD01

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

7.51

25000

20000

15000

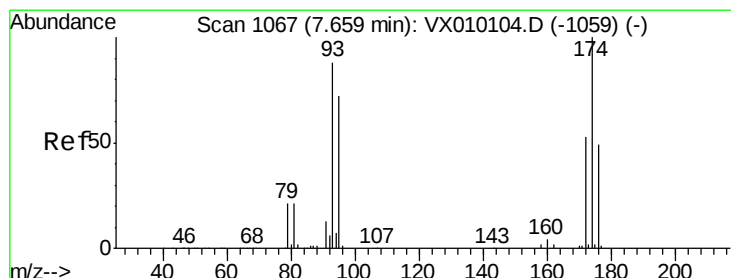
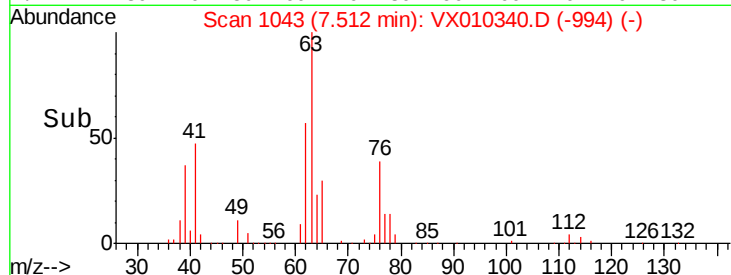
10000

5000

0

7.40 7.50 7.60

Time-->



#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

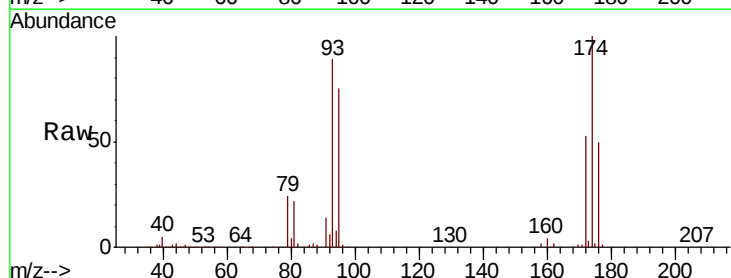
Tgt Ion: 93 Resp: 38828

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

30000

25000

20000

15000

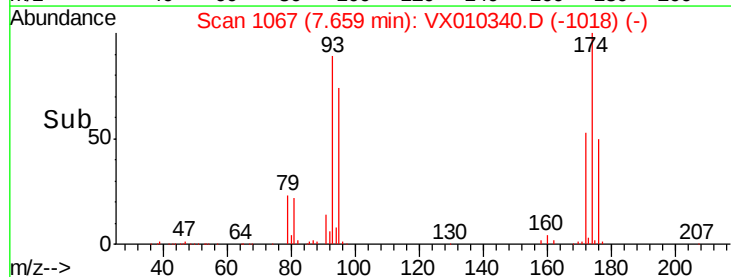
10000

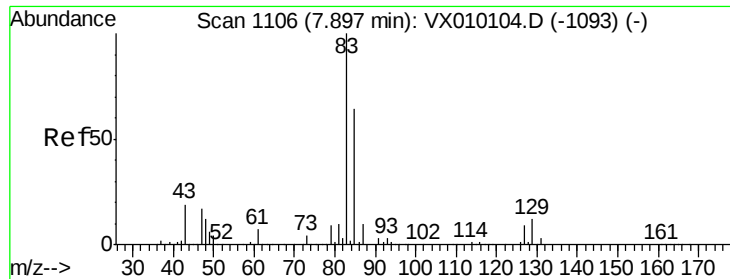
5000

0

7.60 7.70 7.80

Time-->





#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

ClientSampleId :

VX0618WBSD01

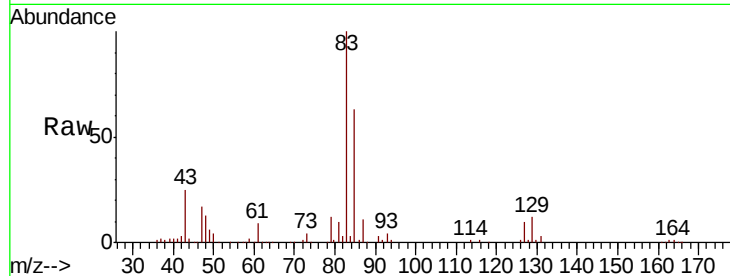
Tot Ion: 83 Resp: 69772

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.2

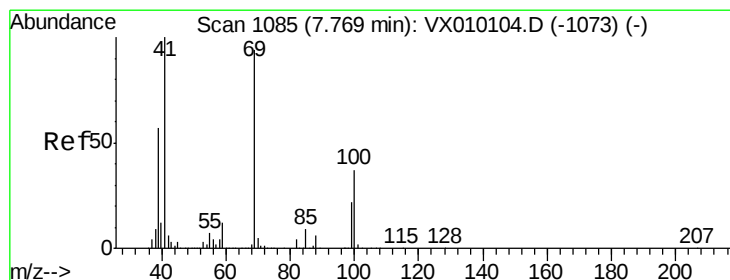
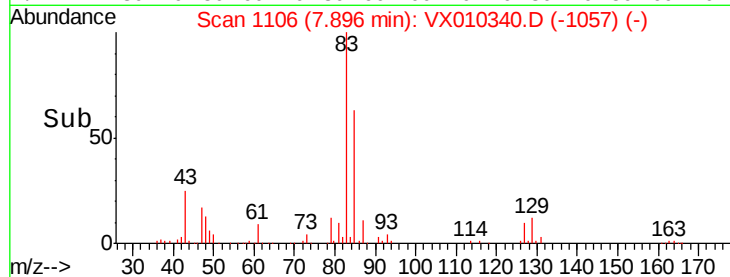
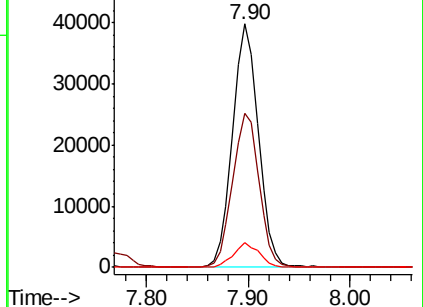
127 10.2 6.4 9.6#



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

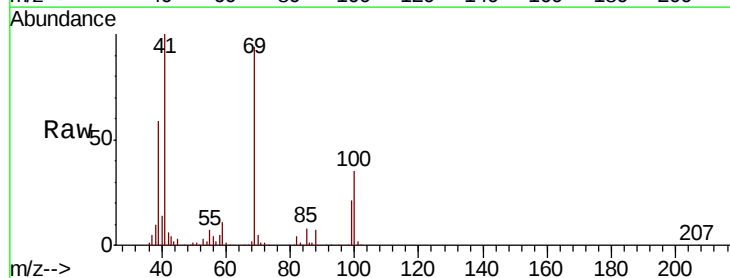
Tgt Ion: 41 Resp: 56431

Ion Ratio Lower Upper

41 100

69 96.2 56.4 84.6#

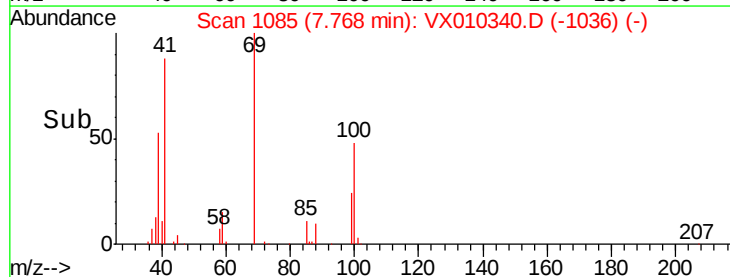
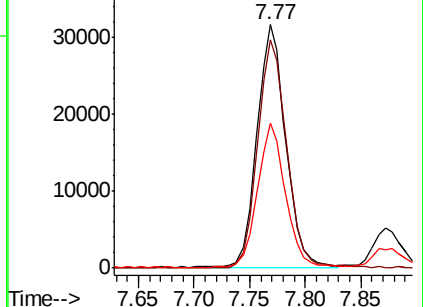
39 58.2 40.6 60.8

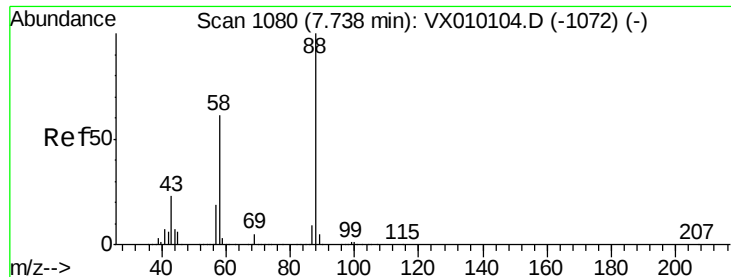


Abundance Ion 41.00 (40.70 to 41.70): VX0

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 :

VX0618WBSD01

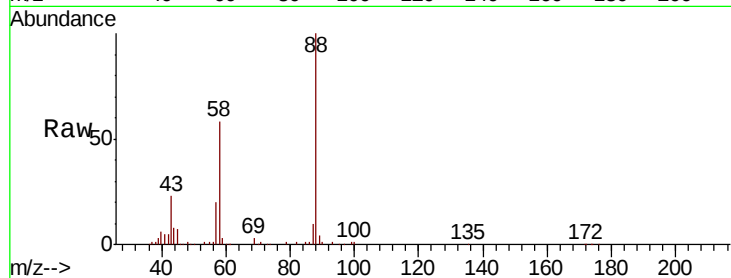
Tot Ion: 88 Resp: 33151

Ion Ratio Lower Upper

88 100

43 24.9 30.2 45.4#

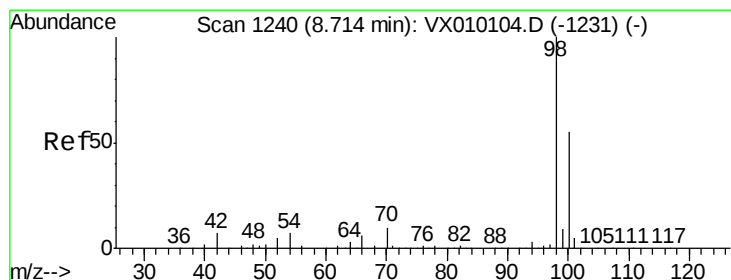
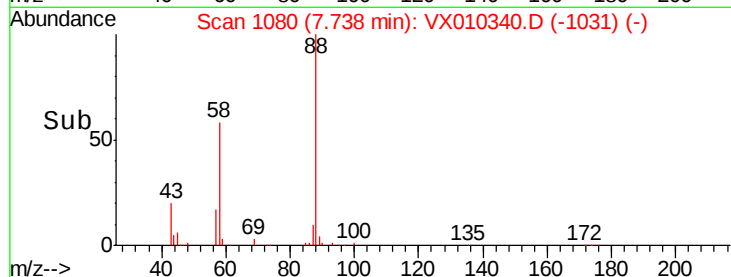
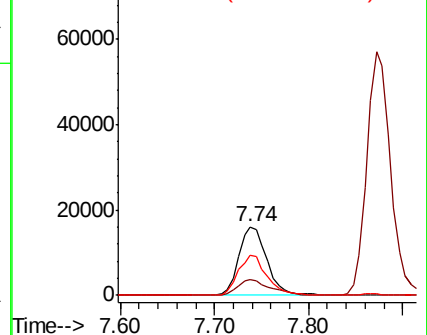
58 60.0 64.0 96.0#



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

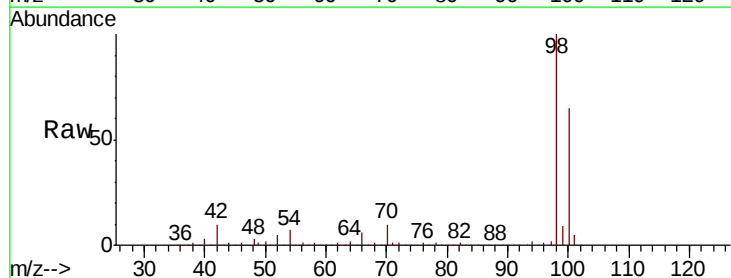
Acq: 18 Jun 2019 14:02

Tgt Ion: 98 Resp: 529349

Ion Ratio Lower Upper

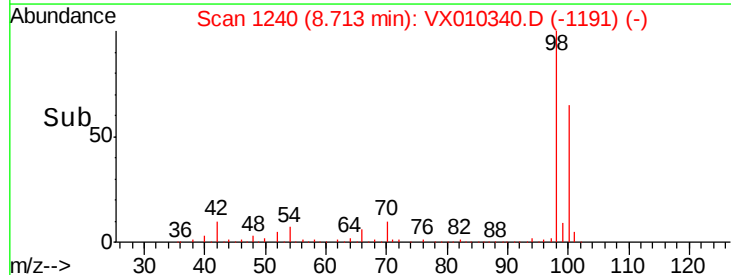
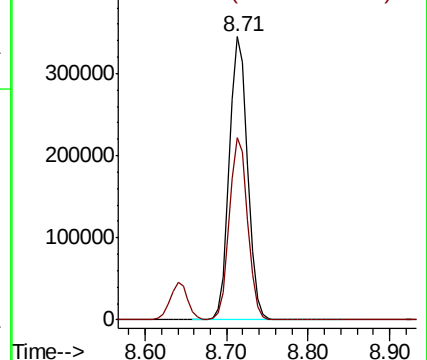
98 100

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): VX0





#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

ClientSampleId :

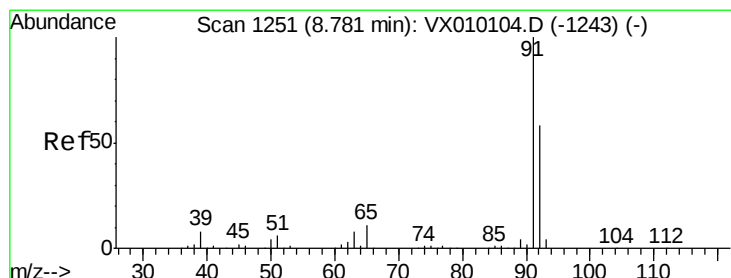
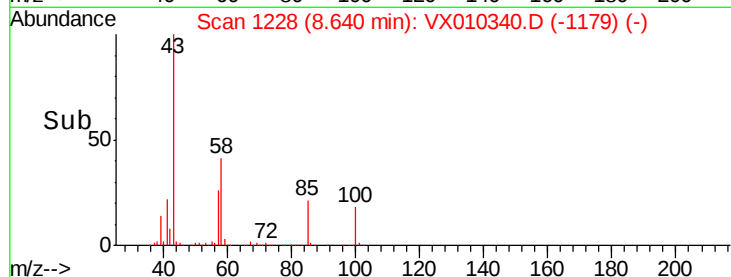
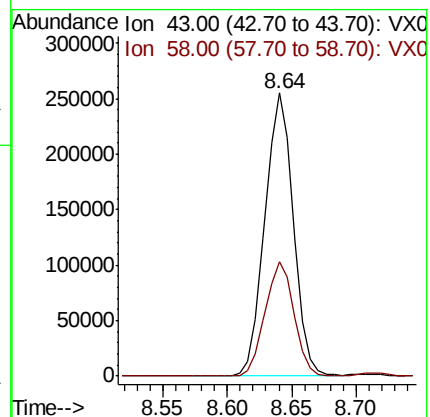
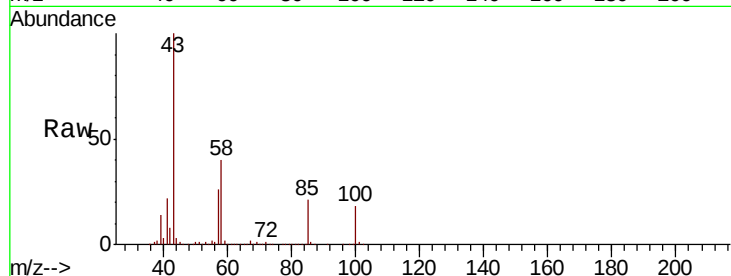
VX0618WBSD01

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

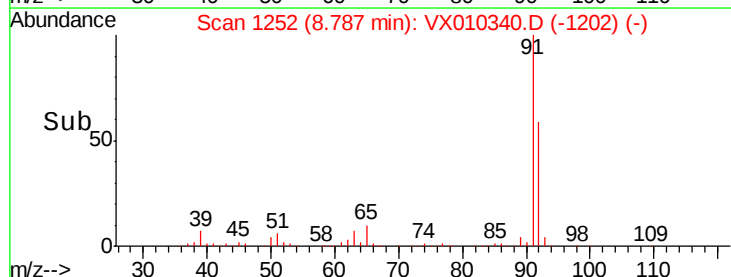
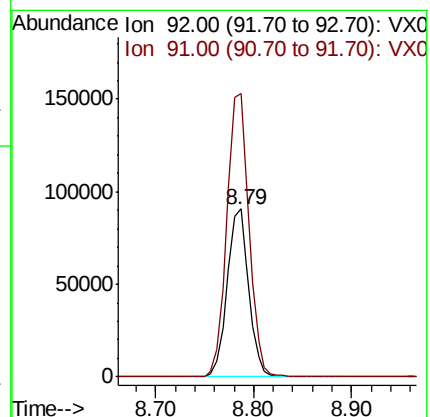
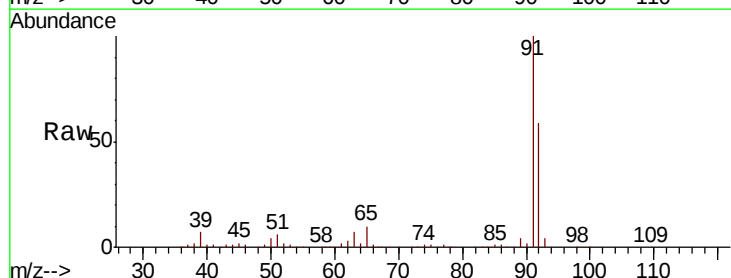
Acq: 18 Jun 2019 14:02

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

ClientSampleId :

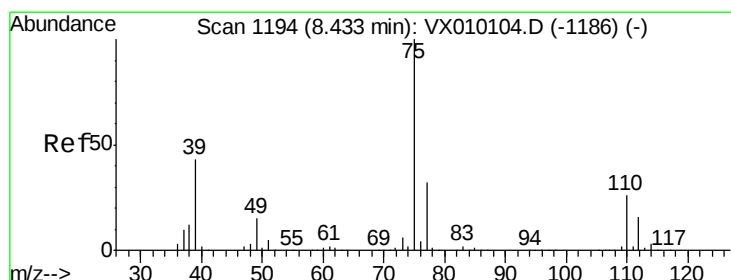
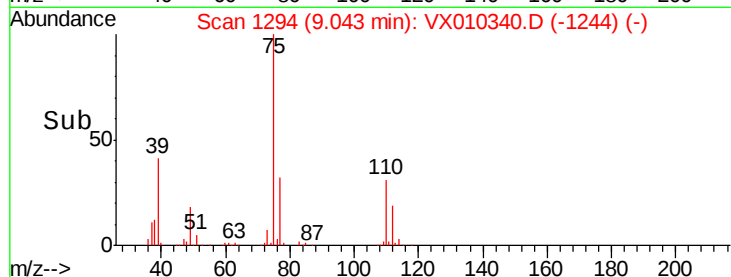
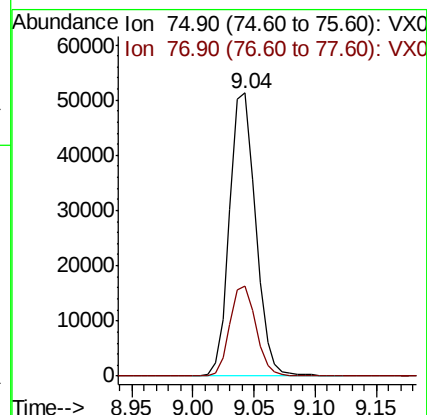
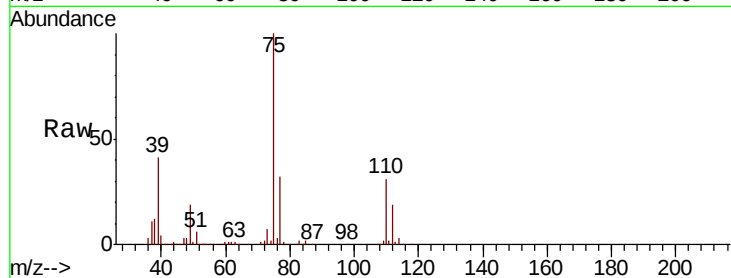
VX0618WBSD01

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

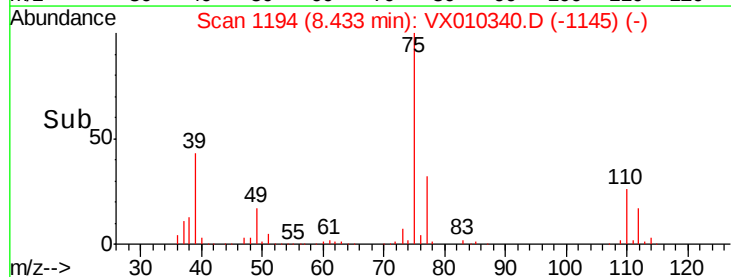
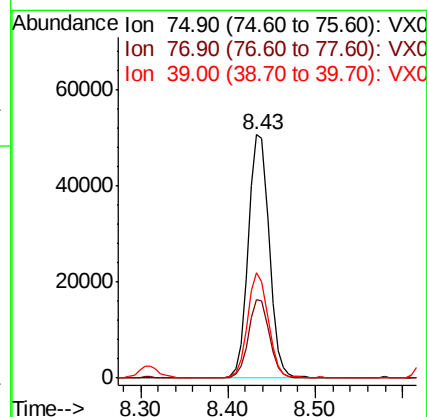
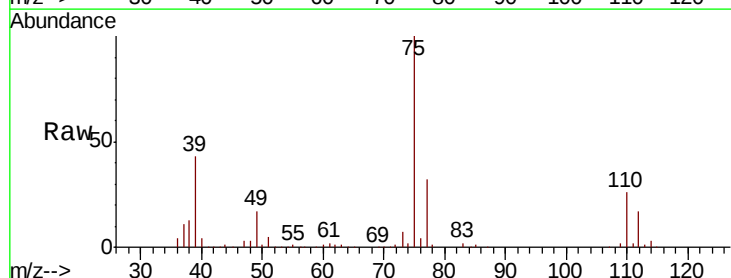
Tgt Ion: 75 Resp: 84280

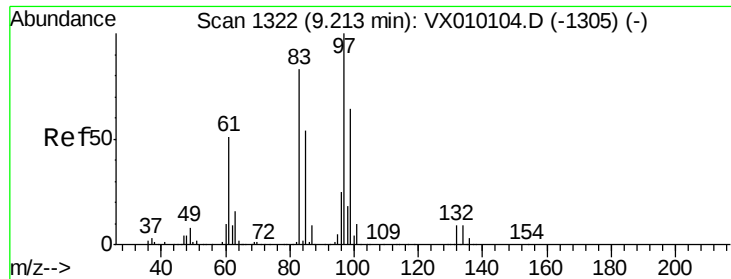
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 43.1 43.4 65.0#

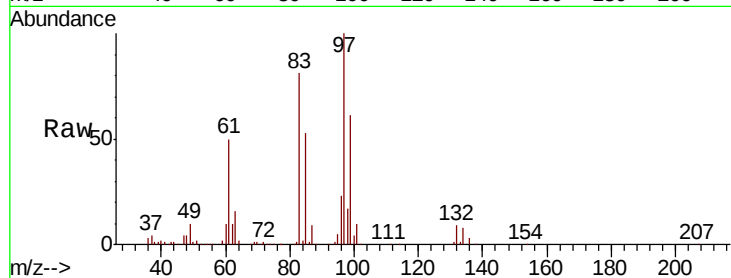




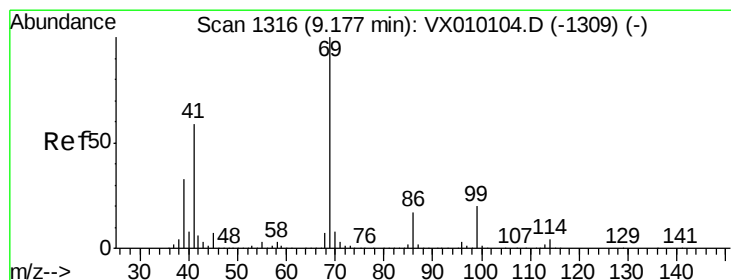
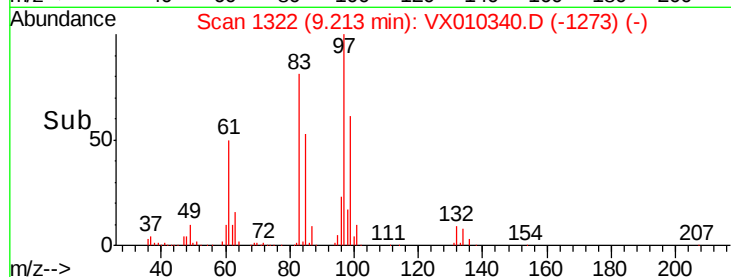
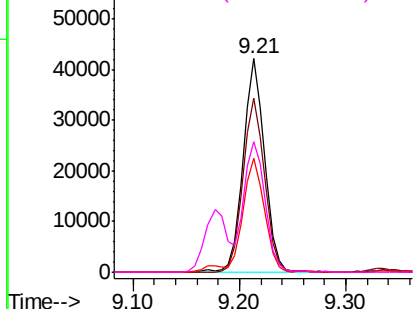
#55
 1,1,2-Trichloroethane
 Concen: 20.306 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

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

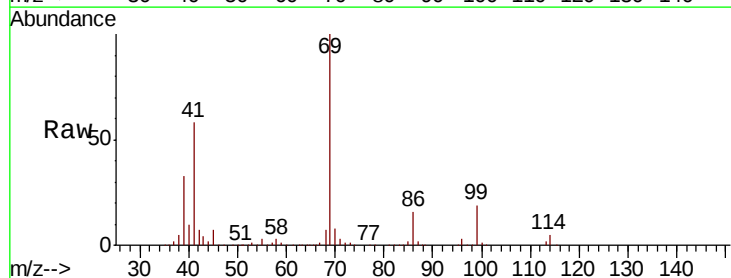


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

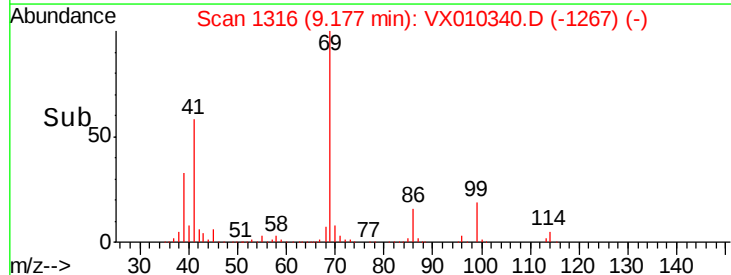
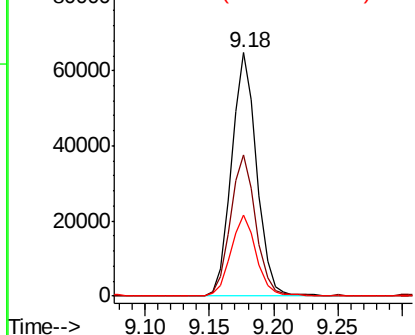


#56
 Ethyl methacrylate
 Concen: 19.022 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

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 :

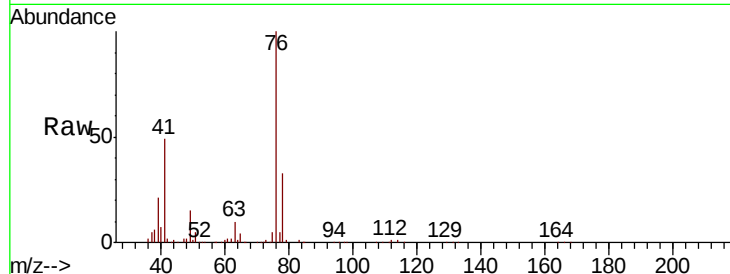
VX0618WBSD01

Tot Ion: 76 Resp: 89399

Ion Ratio Lower Upper

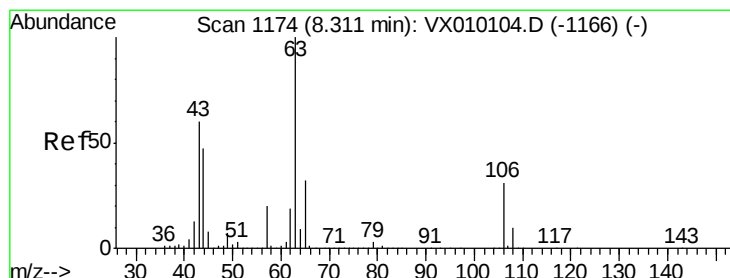
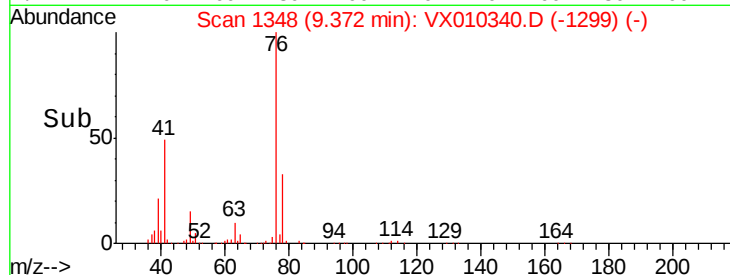
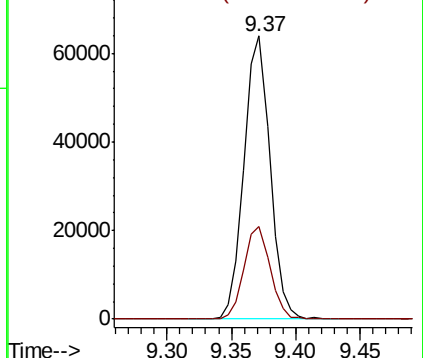
76 100

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

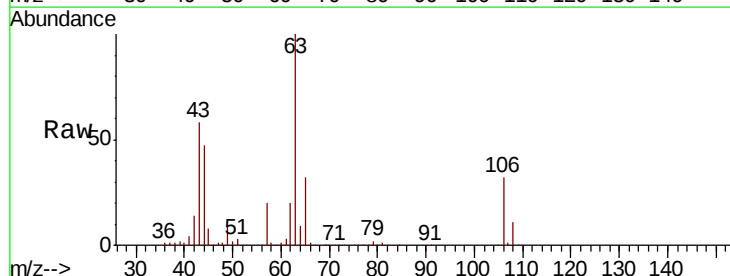
Acq: 18 Jun 2019 14:02

Tgt Ion: 63 Resp: 203826

Ion Ratio Lower Upper

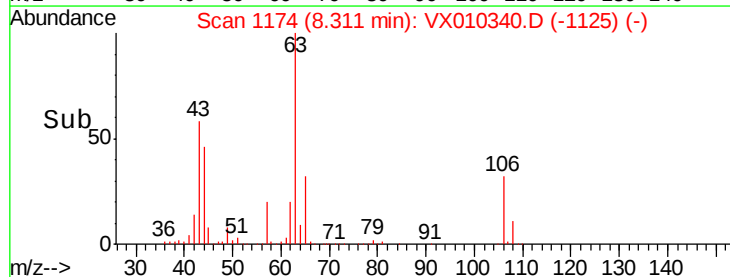
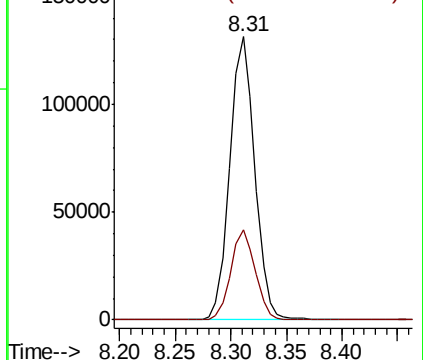
63 100

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

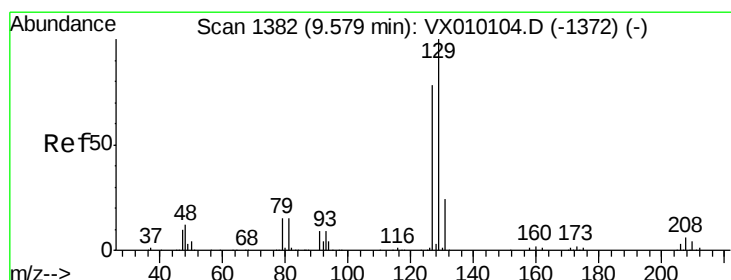
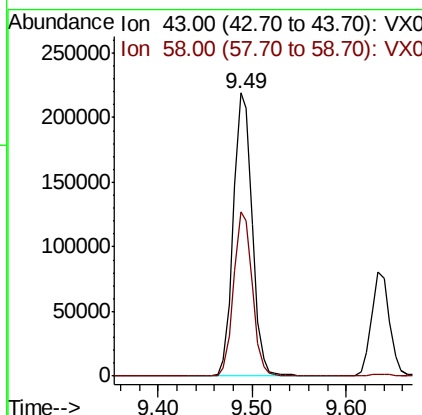
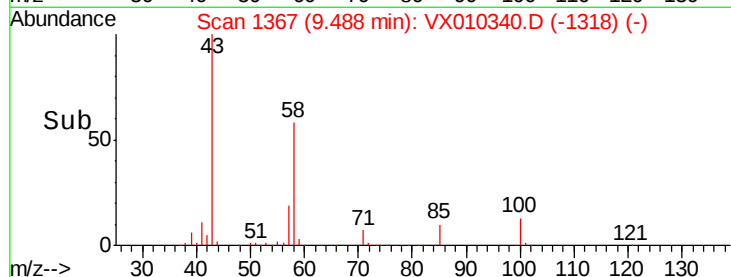
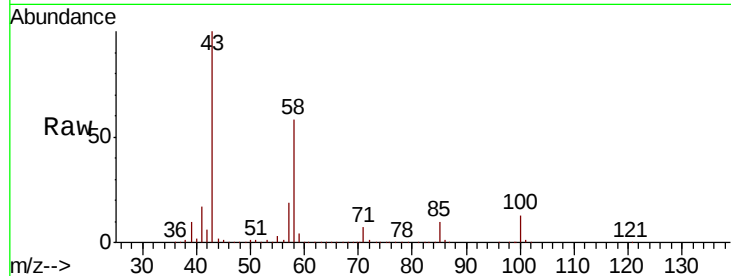




#59
2-Hexanone
Concen: 103.349 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

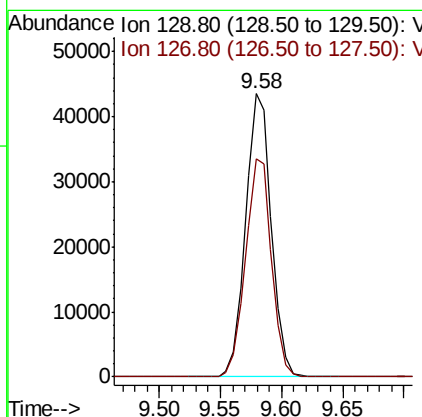
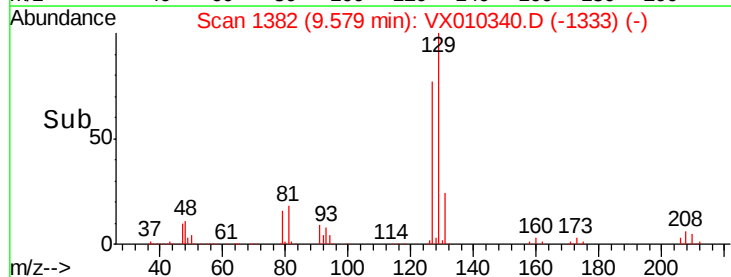
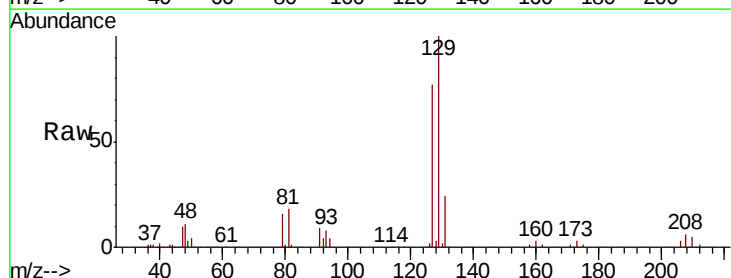
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

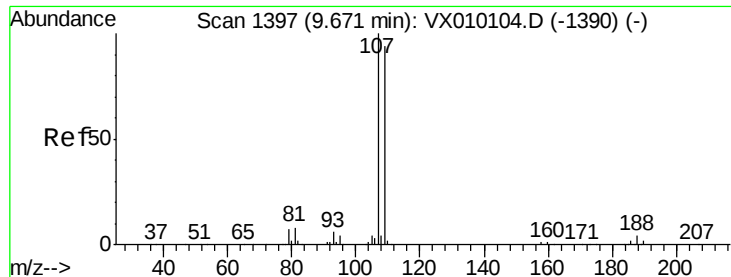
Tot Ion: 43 Resp: 302572
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#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 :

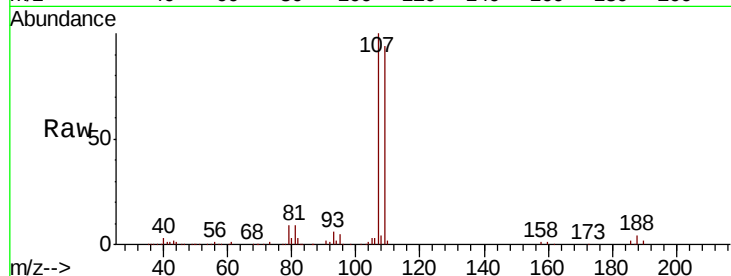
VX0618WBSD01

Tot Ion:107 Resp: 62380

Ion Ratio Lower Upper

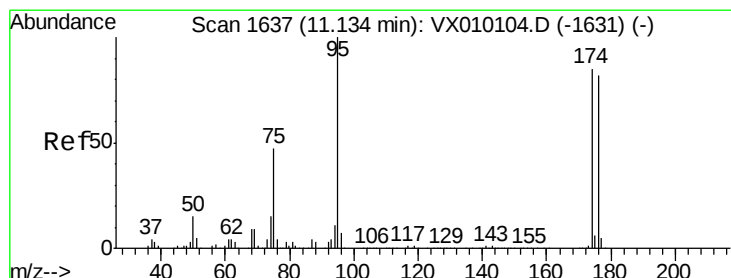
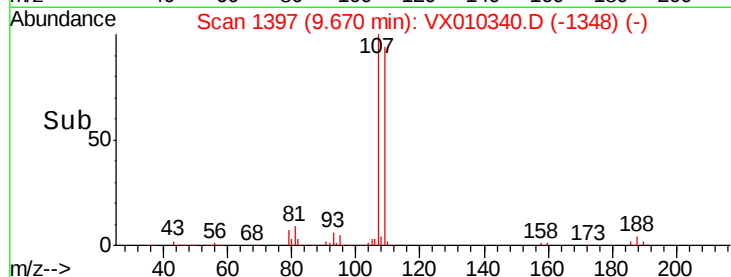
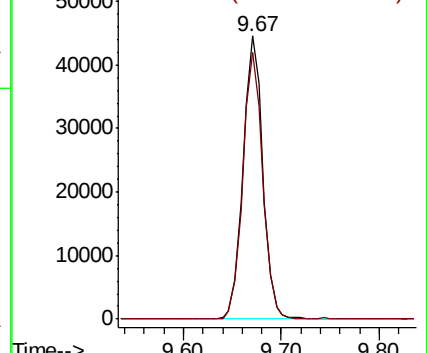
107 100

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

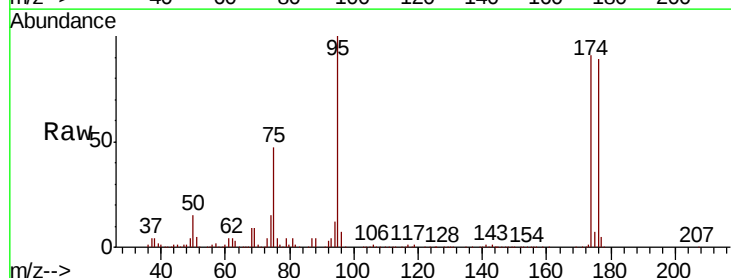
Tgt Ion: 95 Resp: 191234

Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

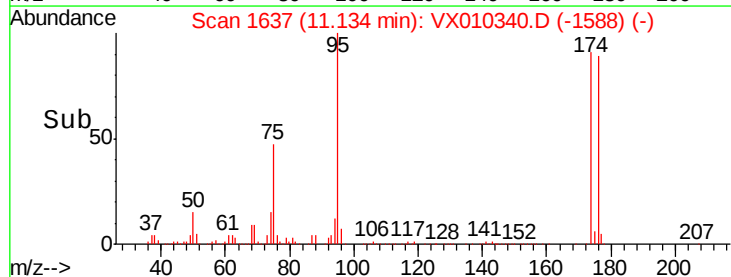
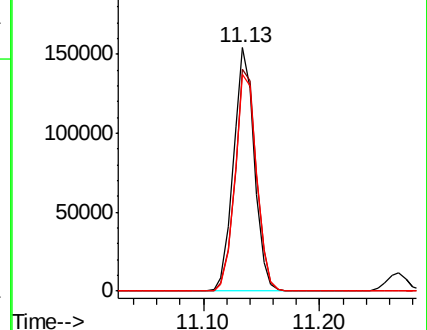
176 92.8 0.0 154.6

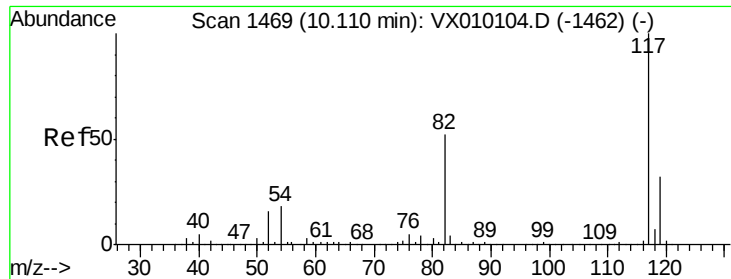


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

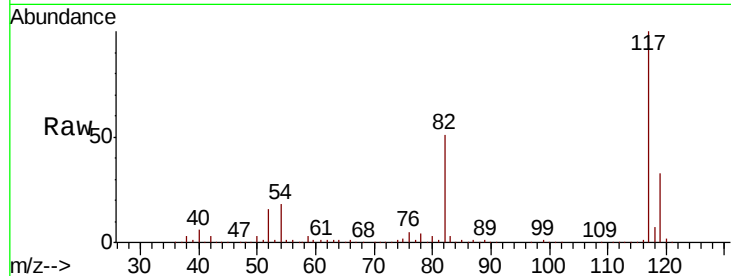




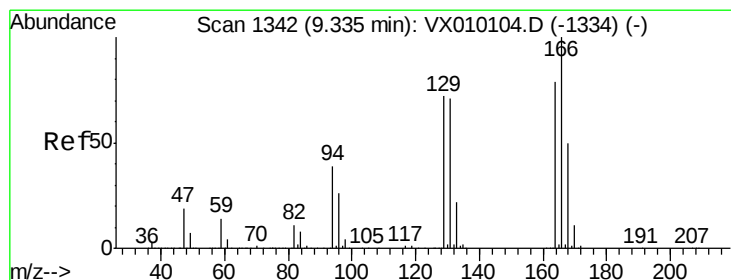
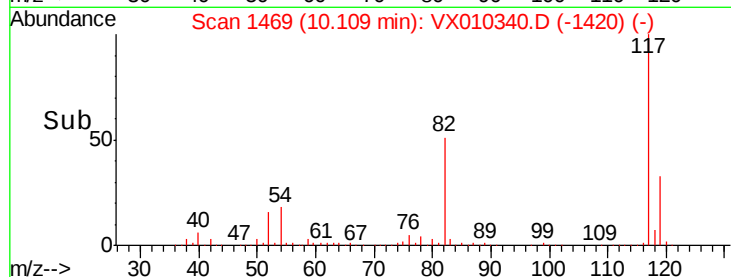
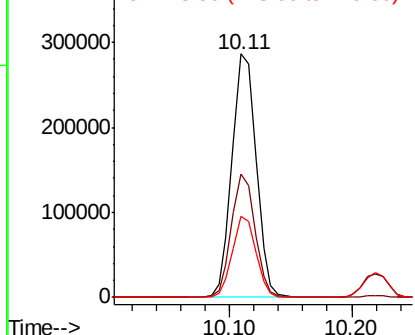
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

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

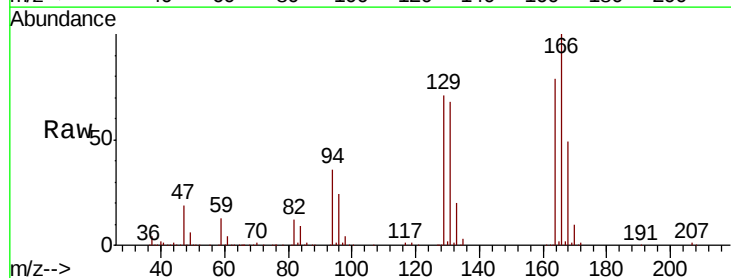


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

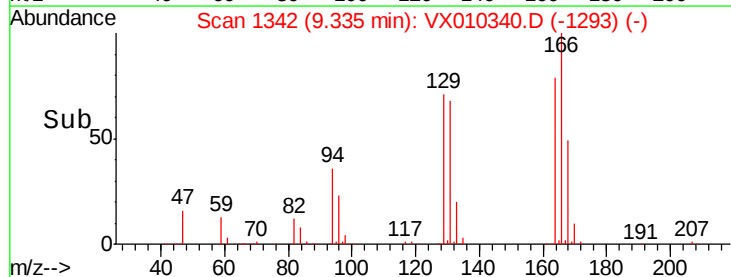
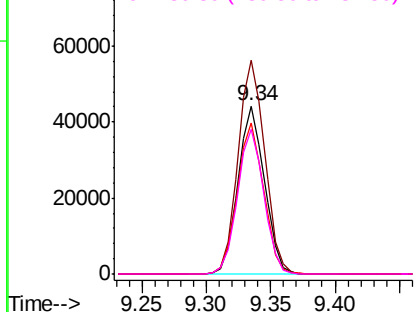


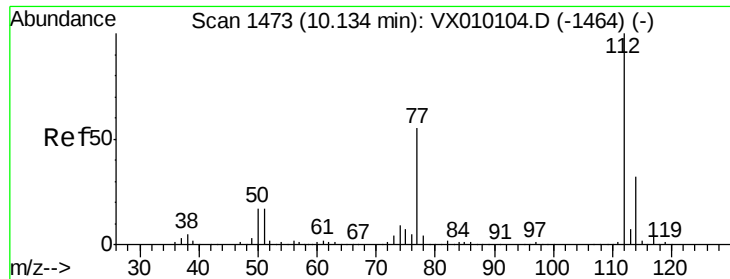
#64
Tetrachloroethene
Concen: 21.606 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

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

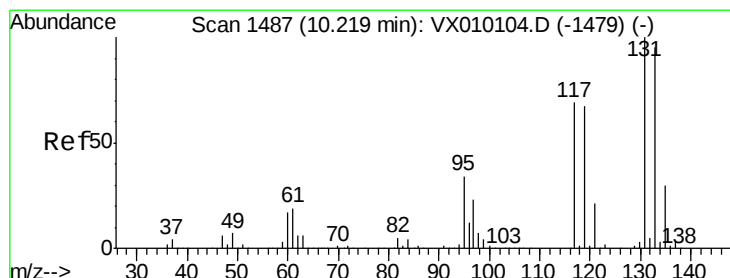
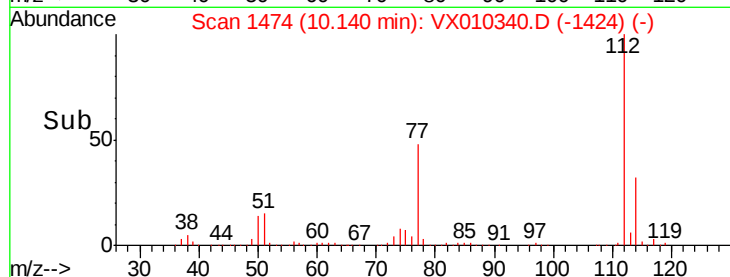
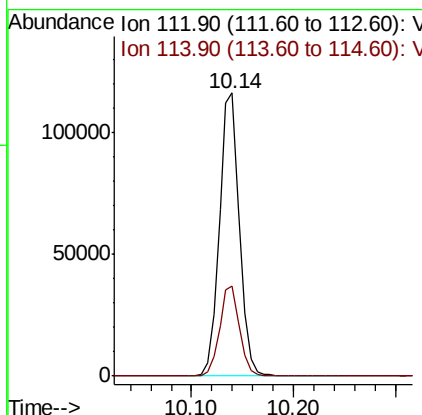
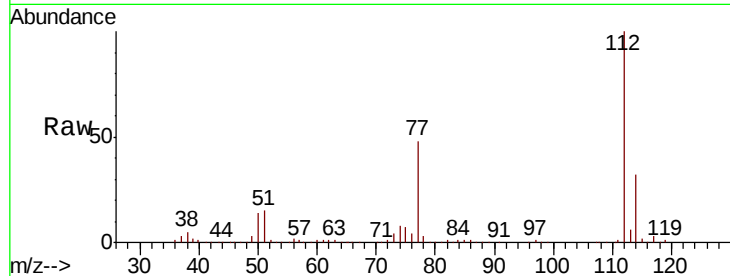




#65
Chlorobenzene
Concen: 19.735 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

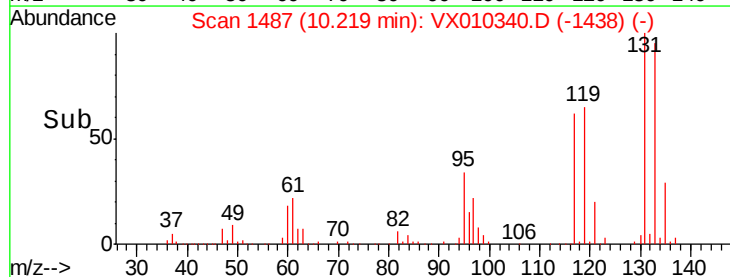
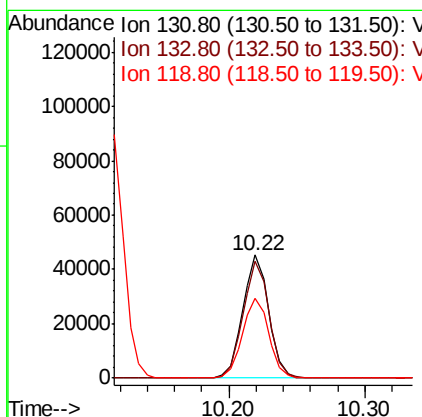
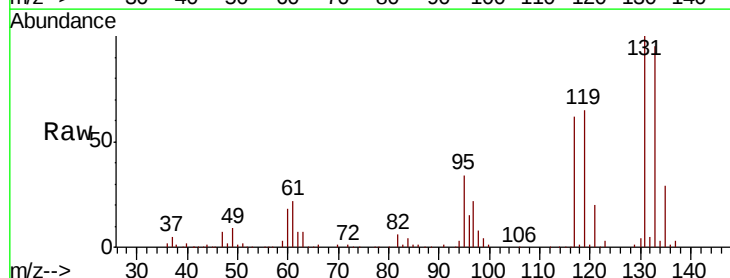
Instrument :
MSVOA_X
ClientSampled :
VX0618WBSD01

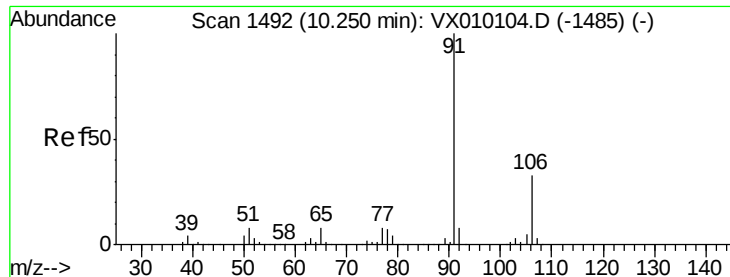
Tot Ion:112 Resp: 159681
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#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 :

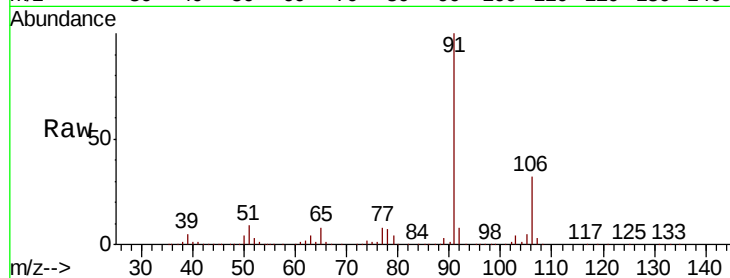
VX0618WBSD01

Tot Ion: 91 Resp: 262561

Ion Ratio Lower Upper

91 100

106 32.1 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

300000

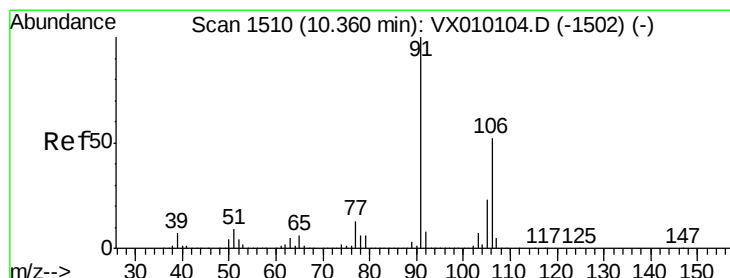
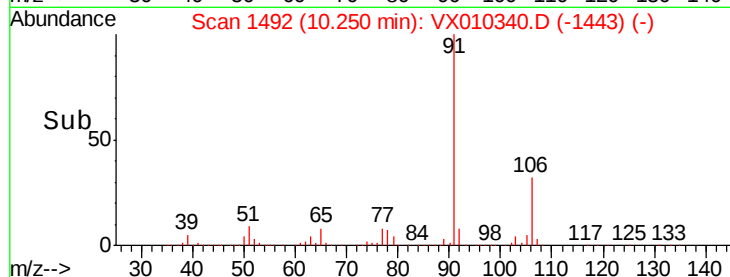
200000

100000

0

10.20 10.30

Time-->



#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

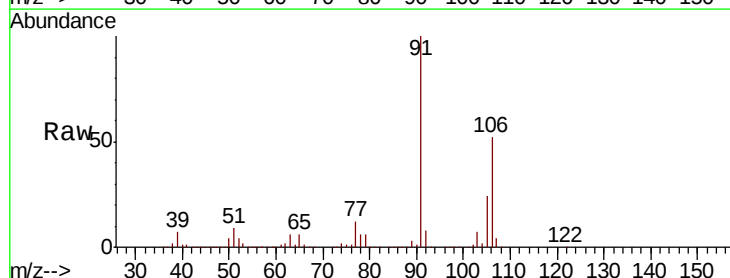
Acq: 18 Jun 2019 14:02

Tgt Ion: 106 Resp: 204853

Ion Ratio Lower Upper

106 100

91 193.2 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

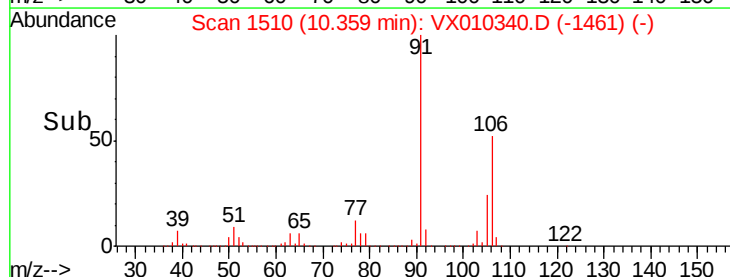
200000

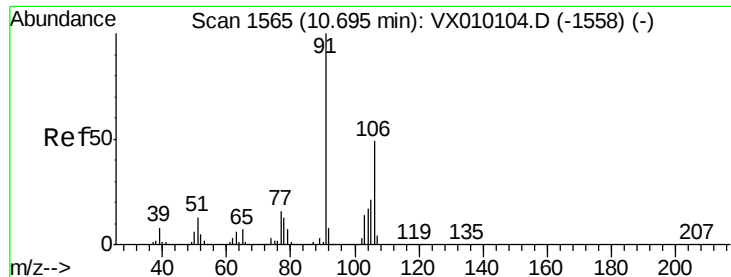
100000

0

10.30 10.40

Time-->

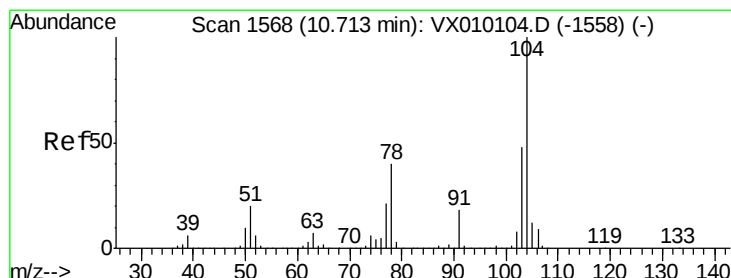
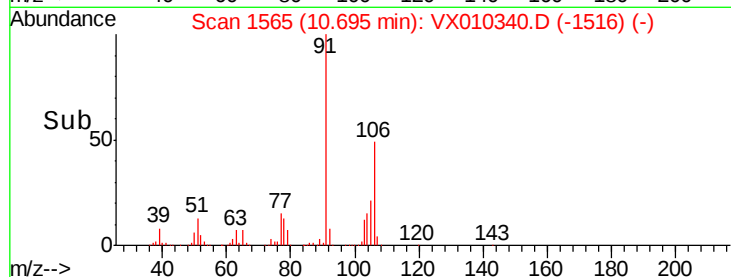
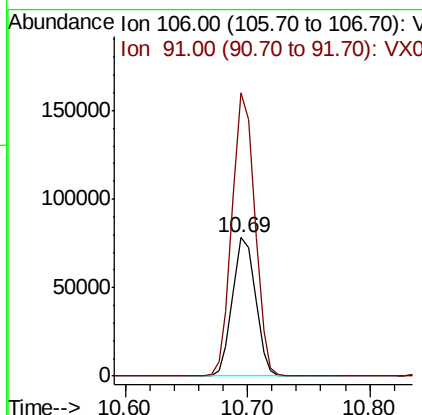
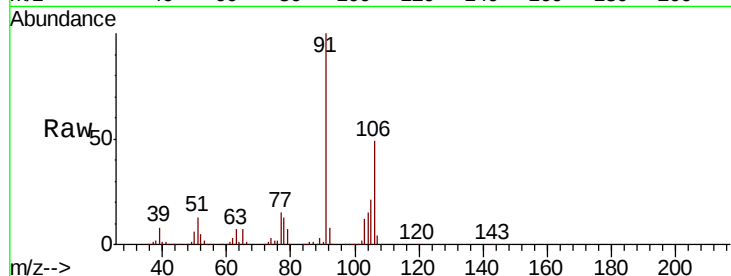




#69
o-Xylene
Concen: 19.295 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

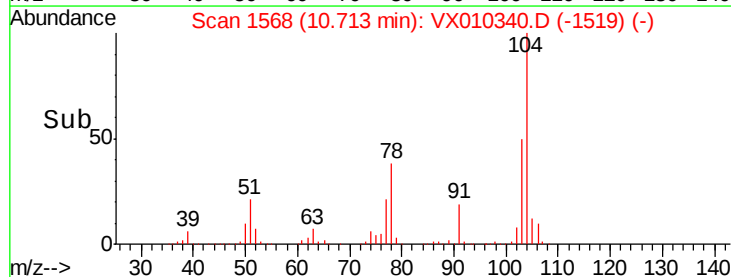
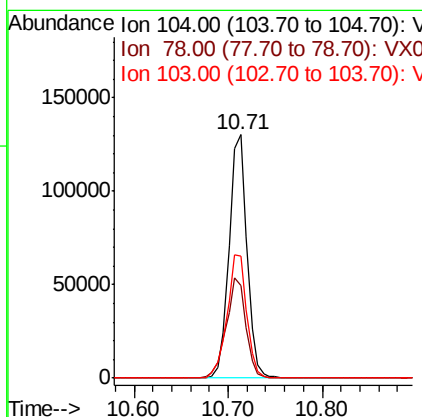
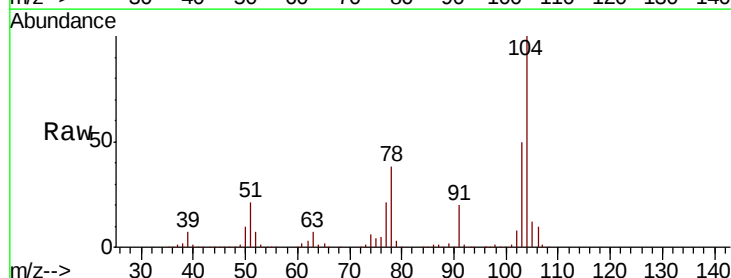
Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

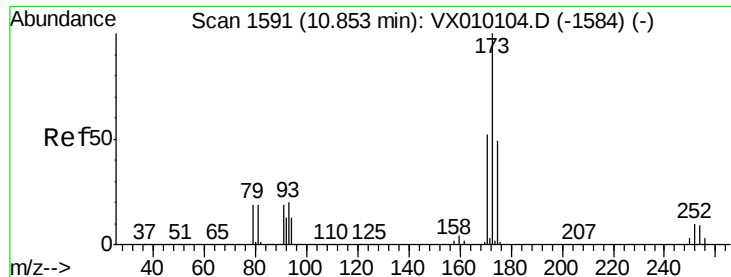
Tot Ion:106 Resp: 102237
Ion Ratio Lower Upper
106 100
91 202.2 110.4 331.2



#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

ClientSampleId :

VX0618WBSD01

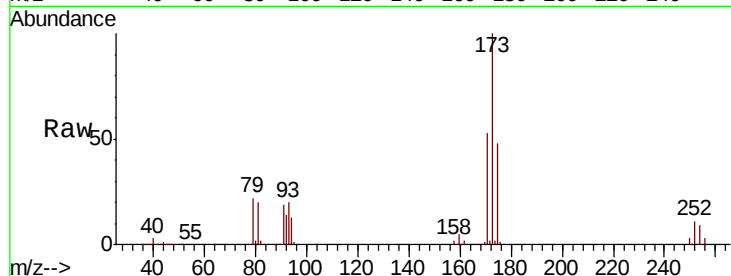
Tot Ion:173 Resp: 50692

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

254 0.0 0.2 0.2#

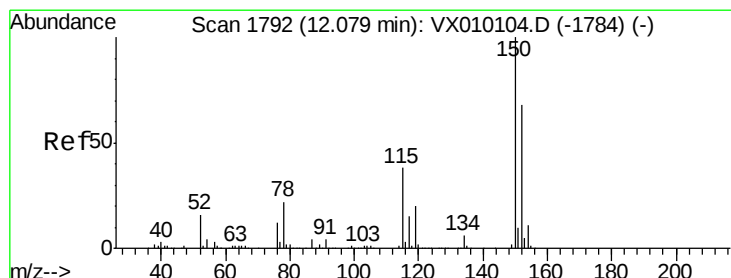
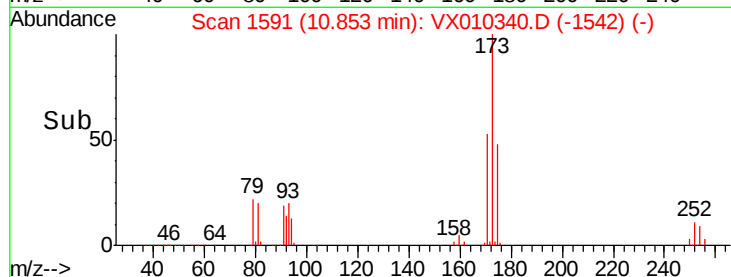
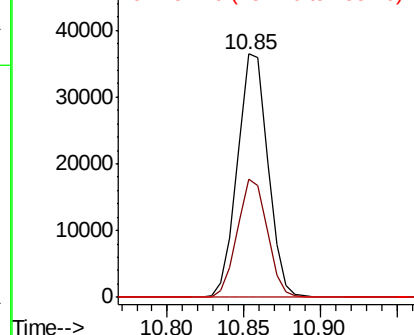


Abundance

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

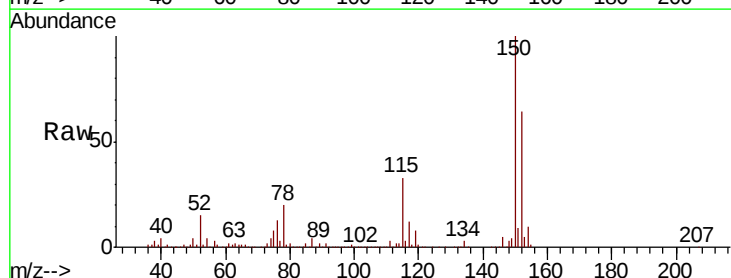
Tgt Ion:152 Resp: 200669

Ion Ratio Lower Upper

152 100

115 62.4 41.4 124.2

150 161.6 0.0 345.2

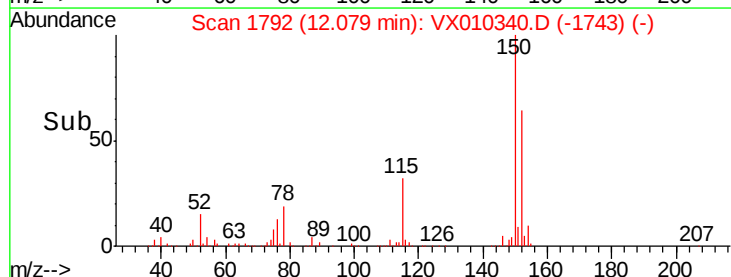
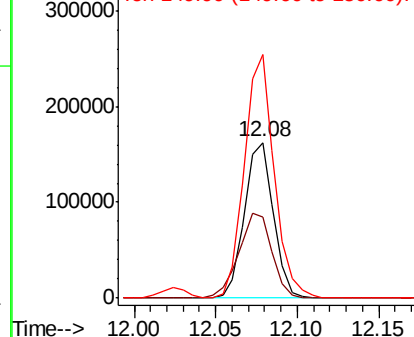


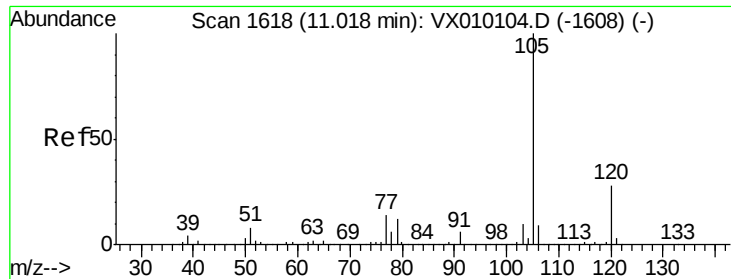
Abundance

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 :

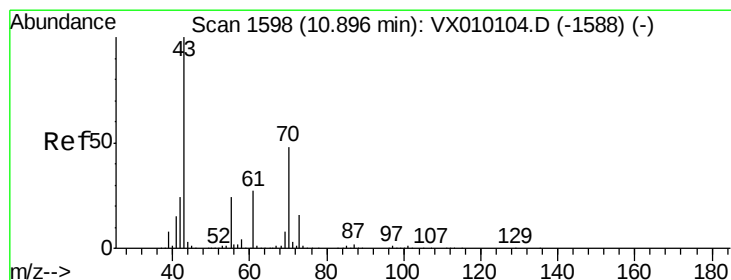
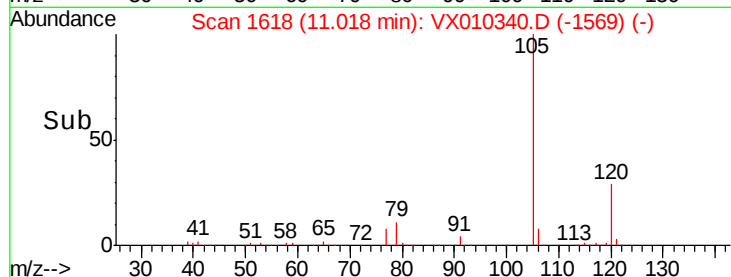
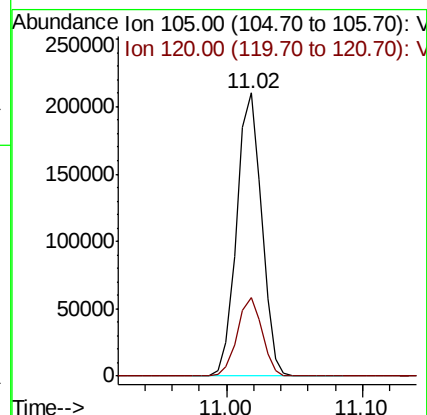
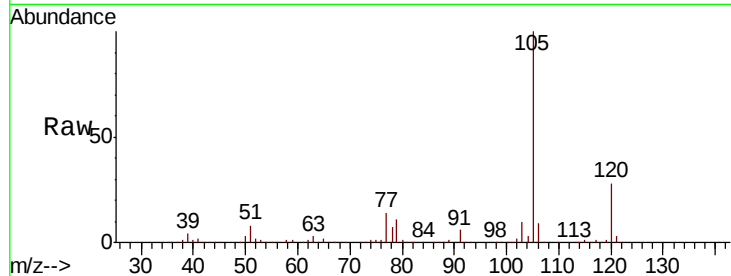
VX0618WBSD01

Tot Ion:105 Resp: 267802

Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4



#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

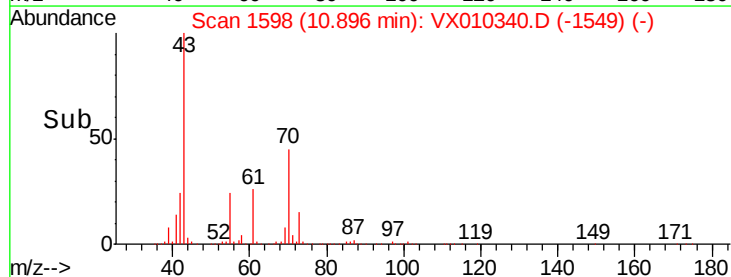
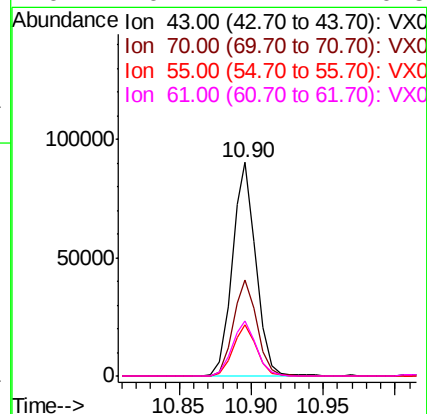
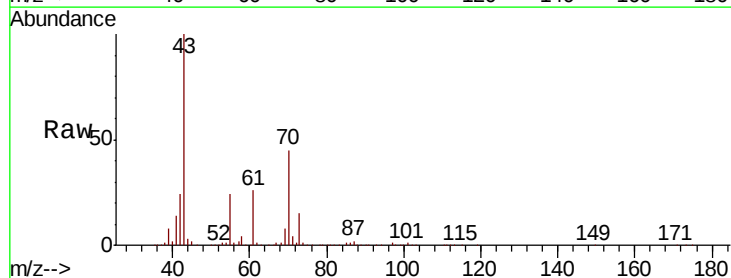
Ion Ratio Lower Upper

43 100

70 45.6 28.6 43.0#

55 24.7 17.8 26.8

61 26.1 17.7 26.5





#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 :

VX0618WBSD01

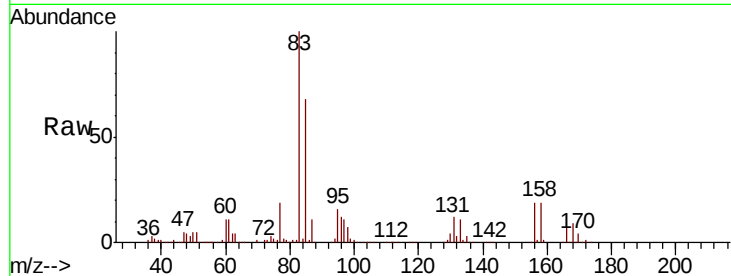
Tot Ion: 83 Resp: 92302

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	65.4	31.9	95.9

83 100

131 10.9 4.7 14.1

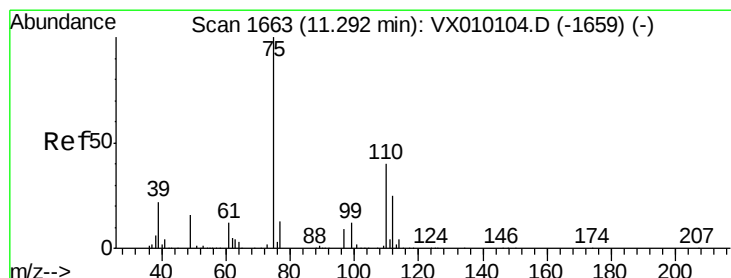
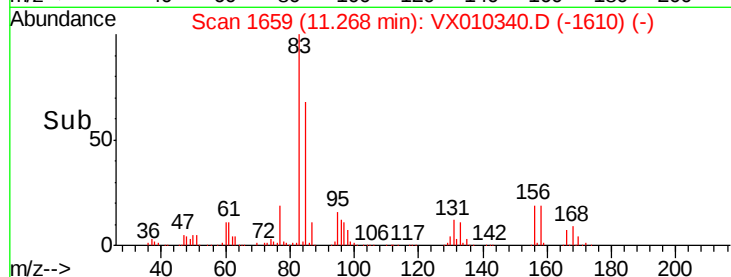
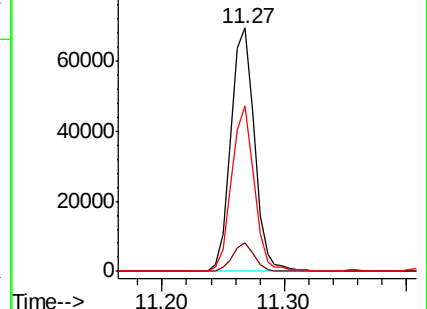
85 65.4 31.9 95.9



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

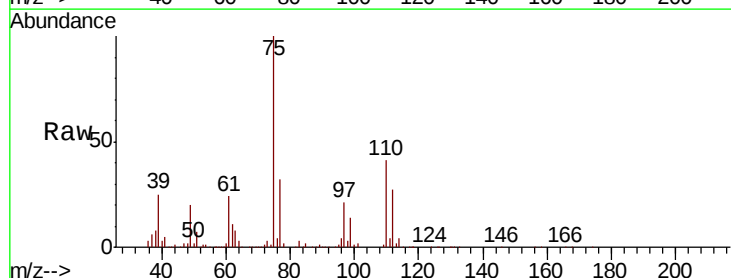
Acq: 18 Jun 2019 14:02

Tgt Ion: 75 Resp: 99503

Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.1	66.1

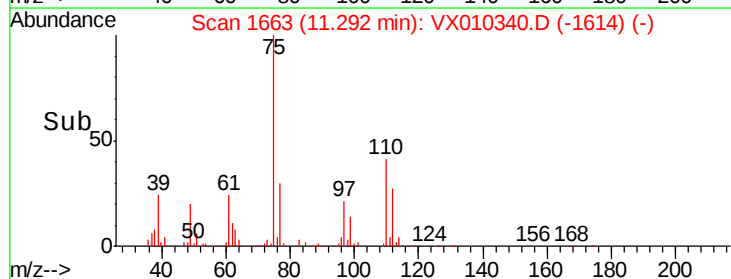
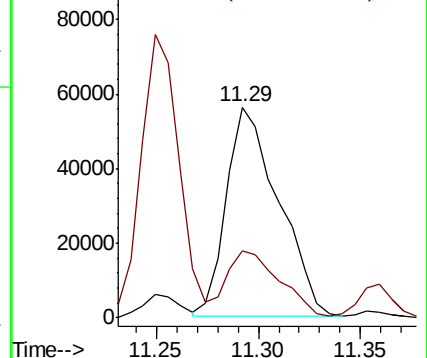
75 100

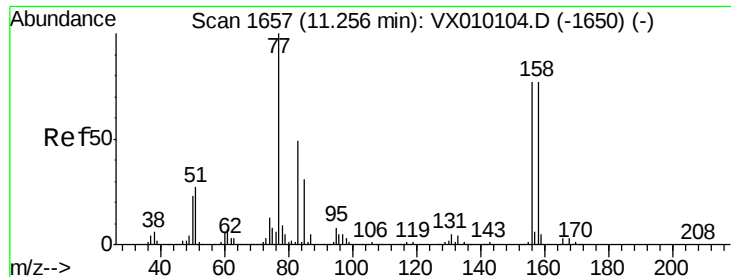
77 33.1 22.1 66.1



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 :

VX0618WBSD01

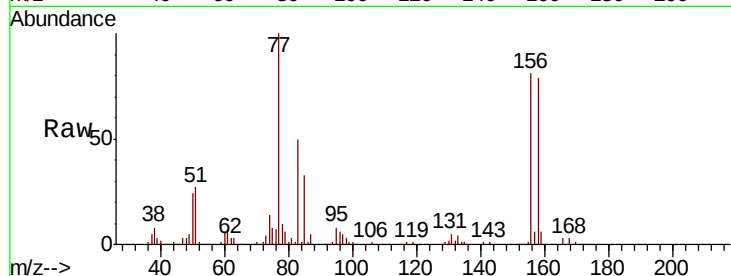
Tot Ion:156 Resp: 73438

Ion Ratio Lower Upper

156 100

77 133.0 86.8 260.3

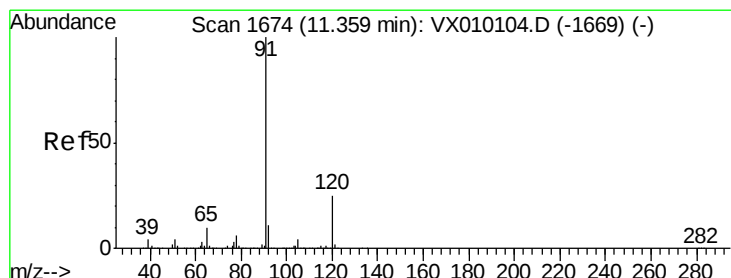
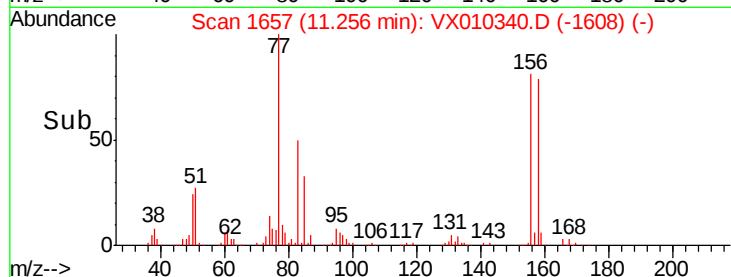
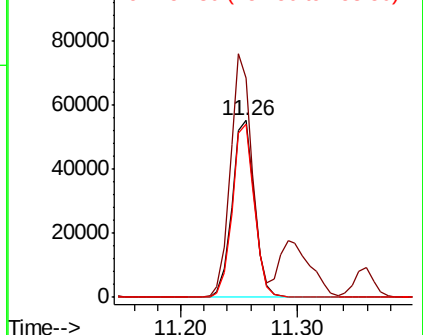
158 96.4 49.6 148.8



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

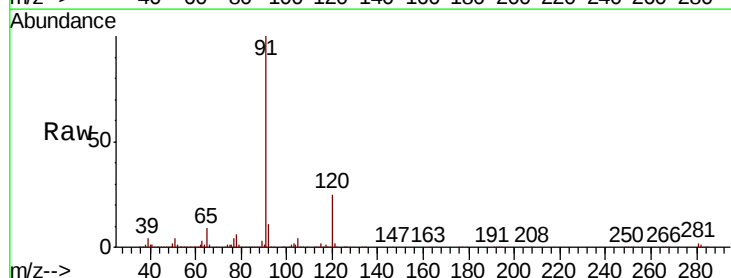
Acq: 18 Jun 2019 14:02

Tgt Ion: 91 Resp: 288628

Ion Ratio Lower Upper

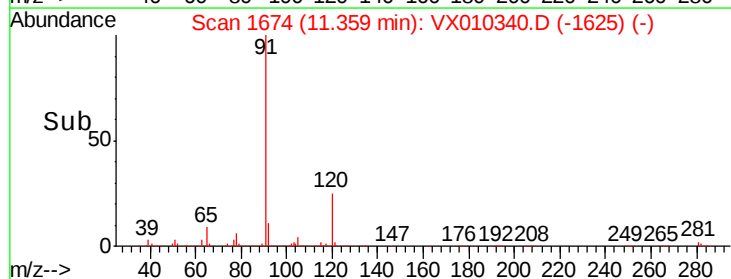
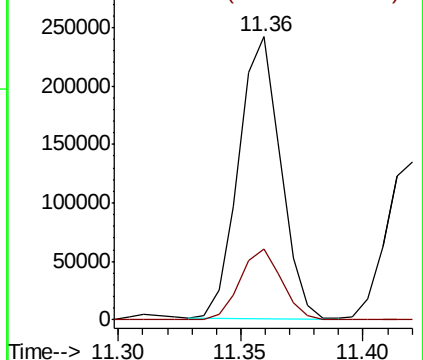
91 100

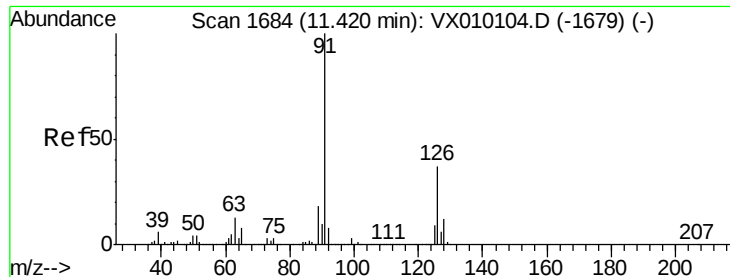
120 24.9 11.1 33.3



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

ClientSampled :

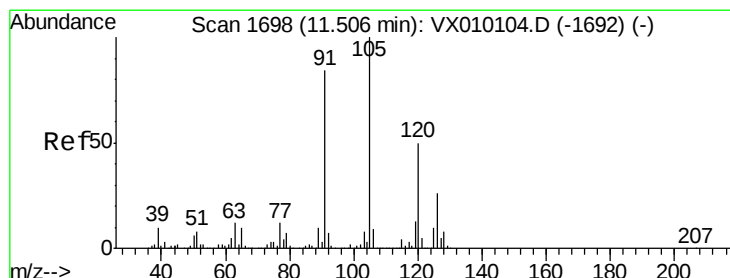
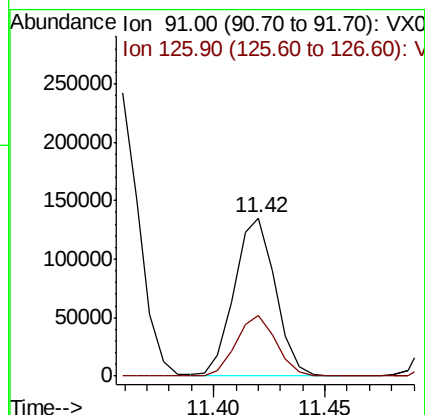
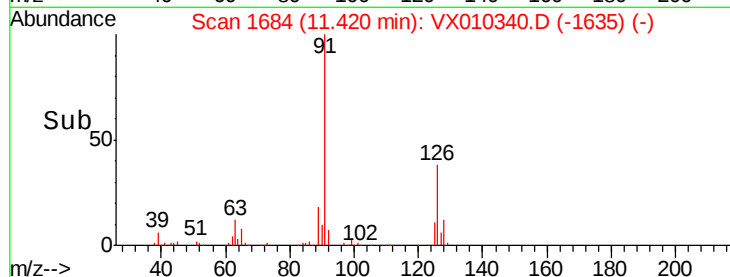
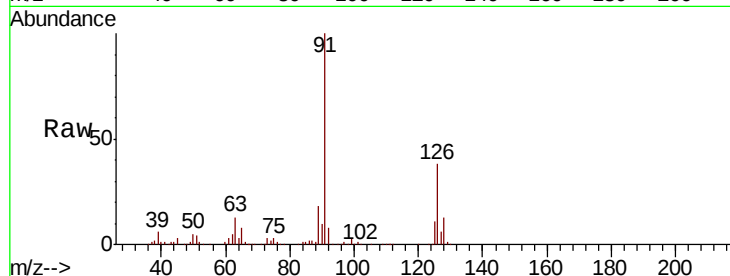
VX0618WBSD01

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

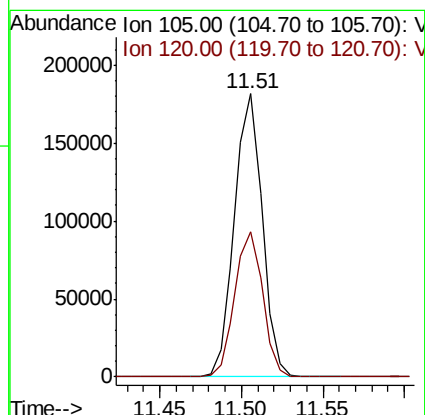
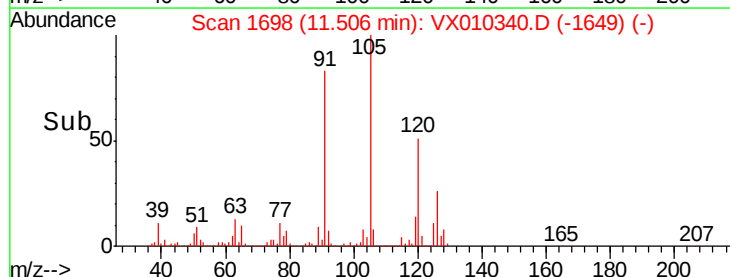
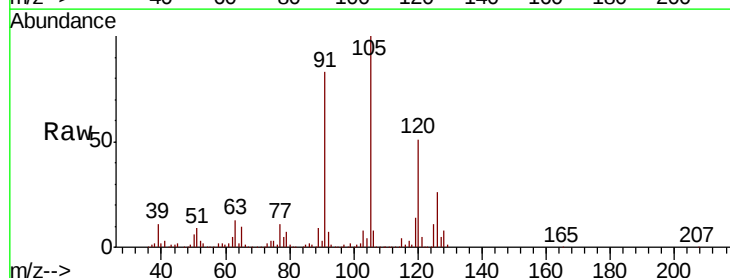
Acq: 18 Jun 2019 14:02

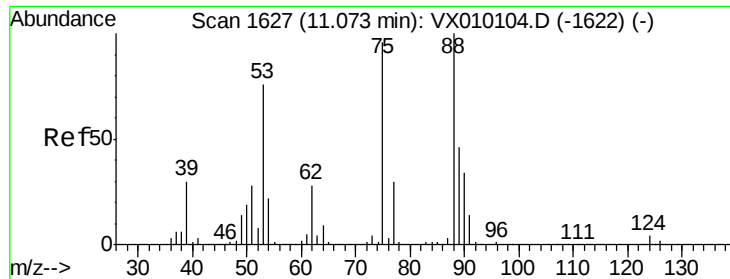
Tgt Ion:105 Resp: 216179

Ion Ratio Lower Upper

105 100

120 51.8 24.1 72.3

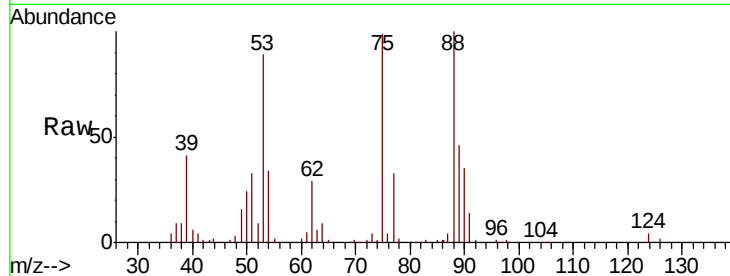




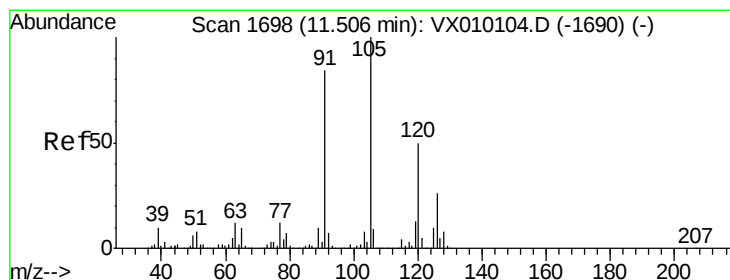
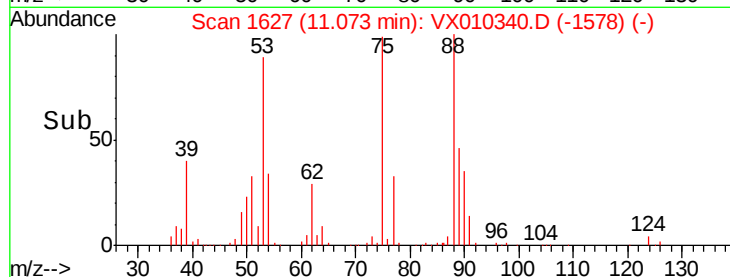
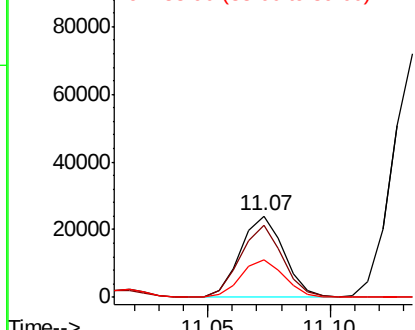
#81
trans-1,4-Dichloro-2-butene
Concen: 16.336 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

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

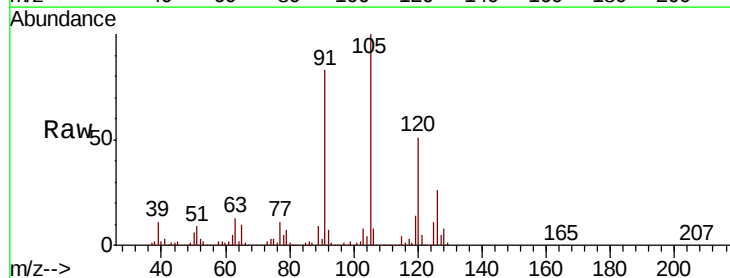


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

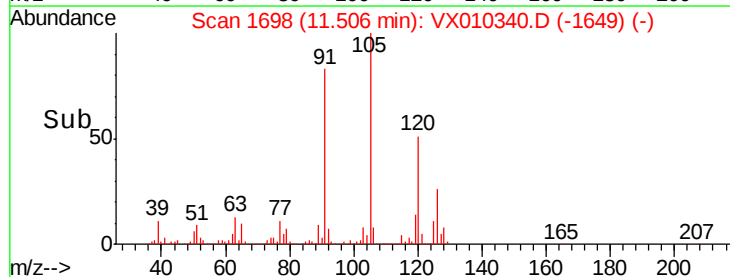
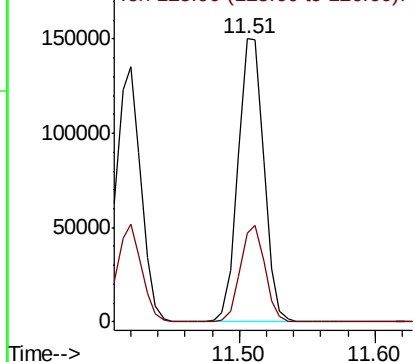


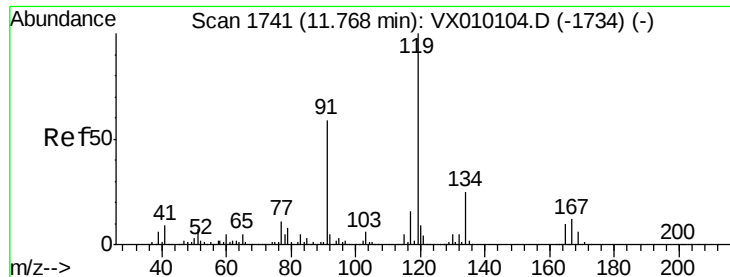
#82
4-Chlorotoluene
Concen: 18.656 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

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

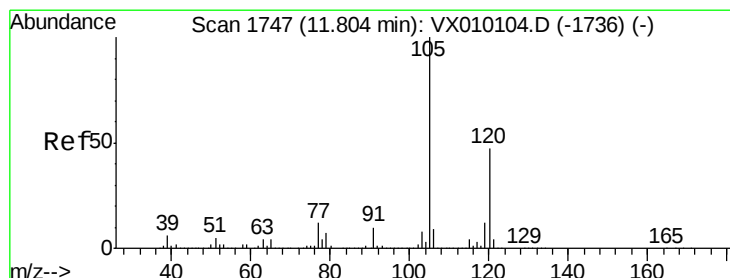
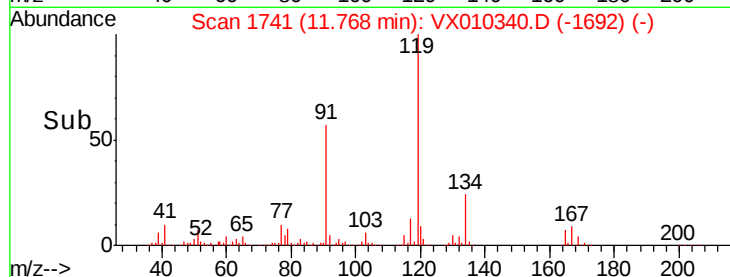
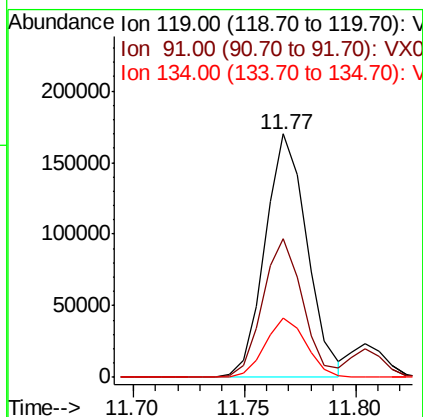
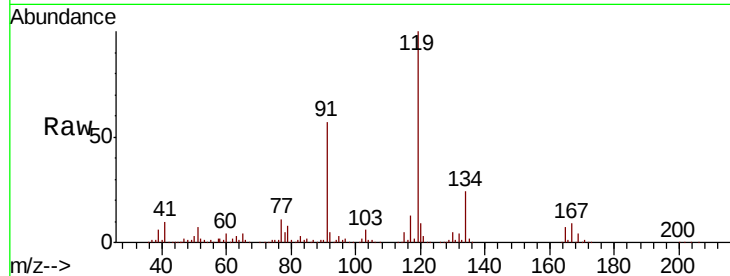




#83
tert-Butylbenzene
Concen: 18.632 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

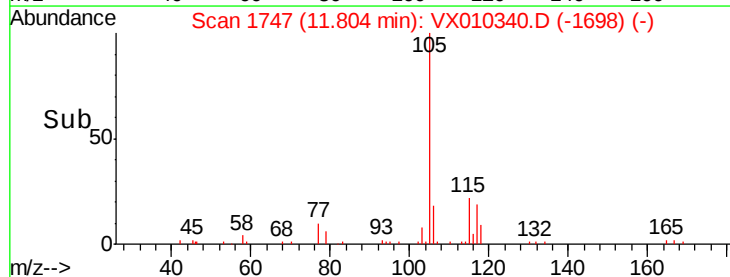
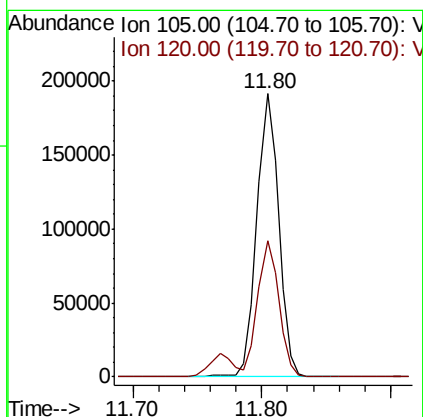
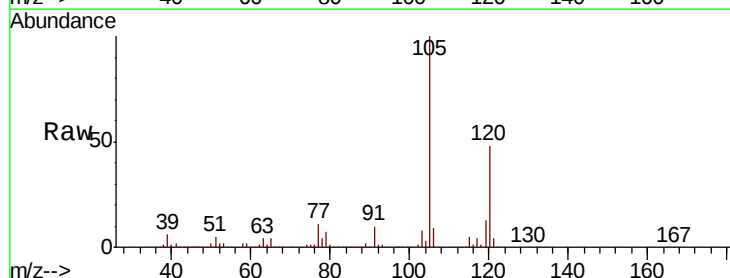
Instrument :
MSVOA_X
ClientSampled :
VX0618WBSD01

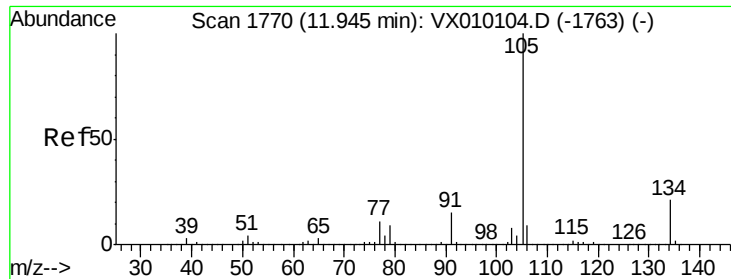
Tot Ion:119 Resp: 222503
Ion Ratio Lower Upper
119 100
91 54.7 30.0 90.0
134 24.0 11.2 33.5



#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





#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 :

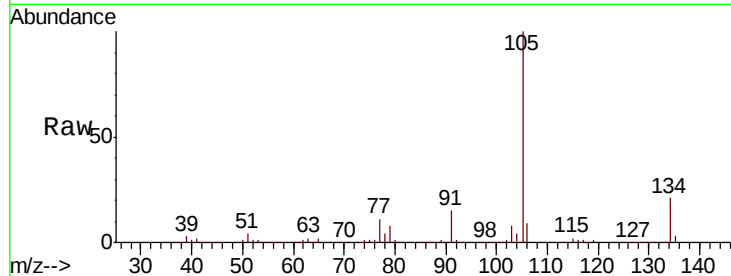
VX0618WBSD01

Tot Ion:105 Resp: 260217

Ion Ratio Lower Upper

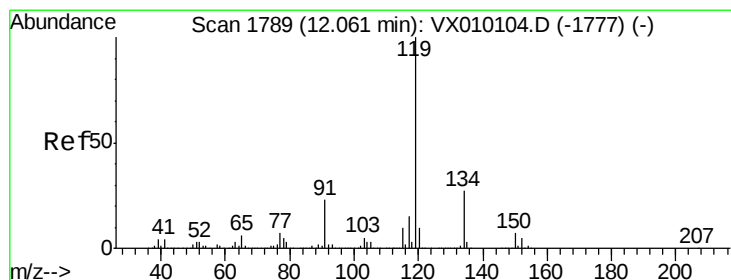
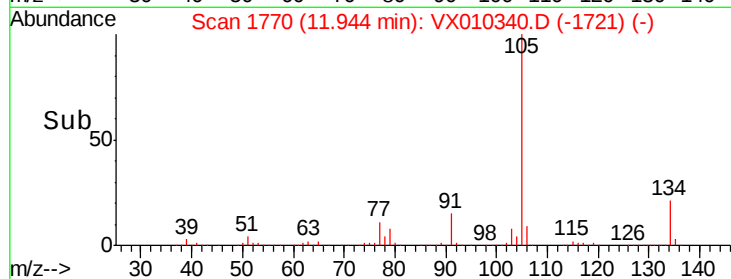
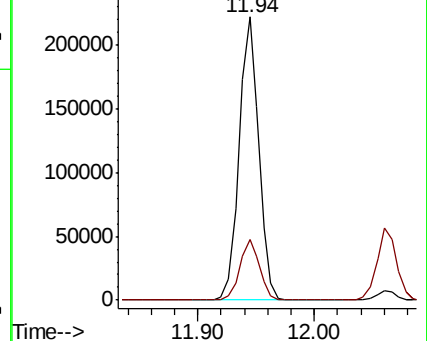
105 100

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



#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

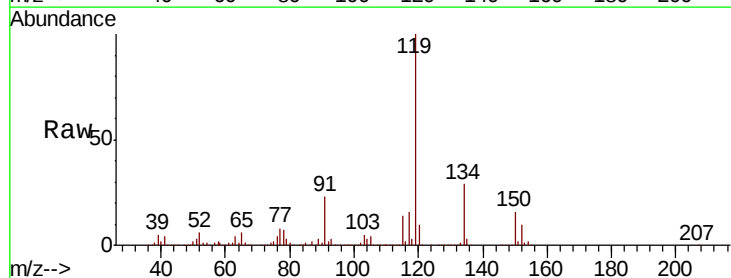
Tgt Ion:119 Resp: 236529

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

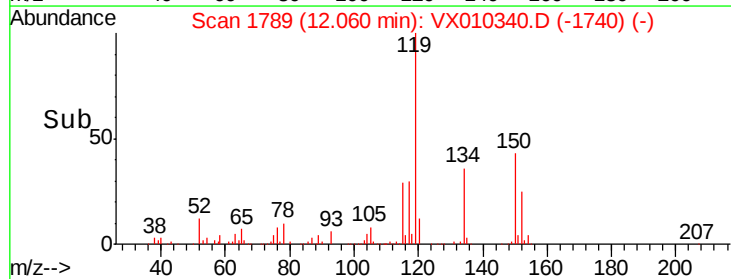
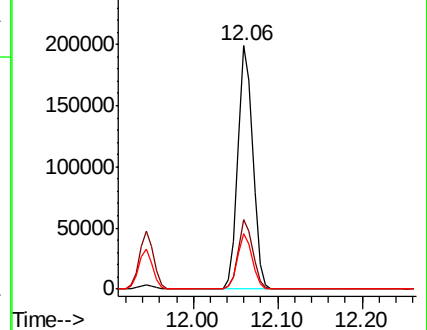
91 22.7 11.9 35.9

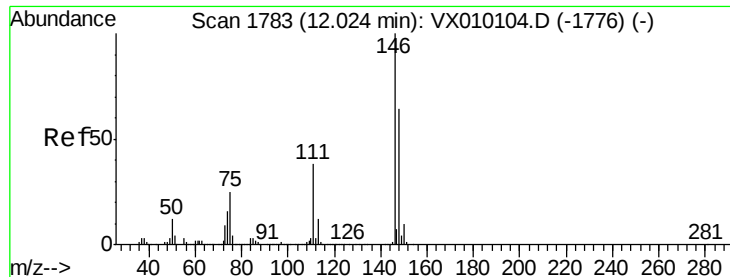


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#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 :

VX0618WBSD01

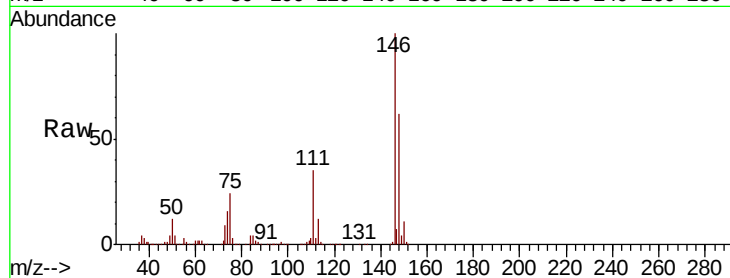
Tot Ion:146 Resp: 129754

Ion Ratio Lower Upper

146 100

111 36.9 20.1 60.2

148 62.9 31.9 95.5

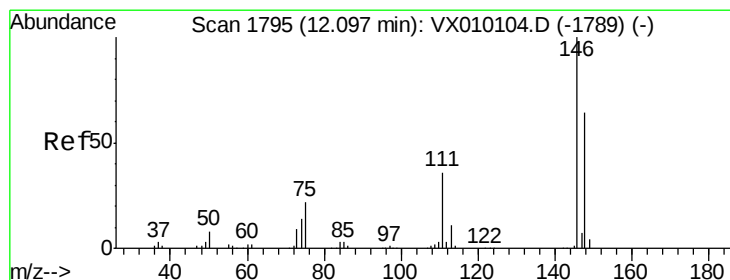
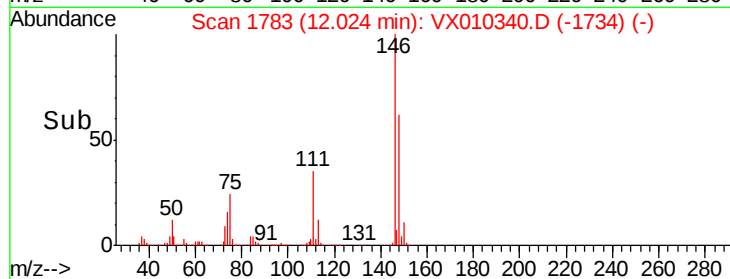
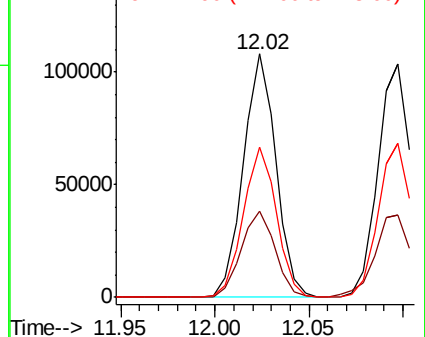


Abundance

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

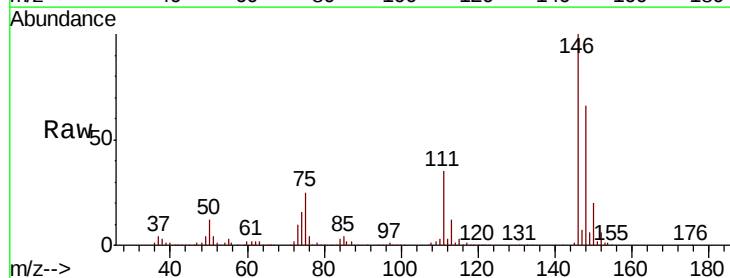
Tgt Ion:146 Resp: 128345

Ion Ratio Lower Upper

146 100

111 37.9 20.0 59.9

148 65.9 32.3 96.9

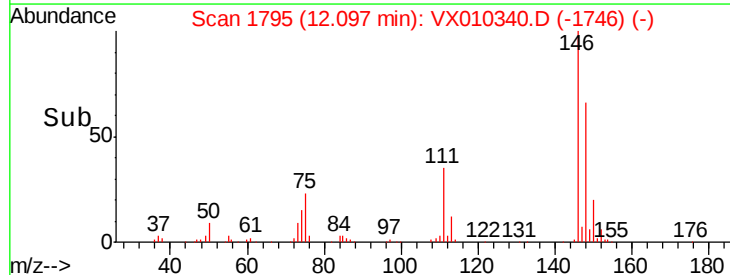
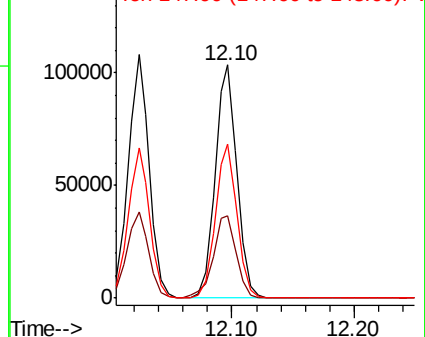


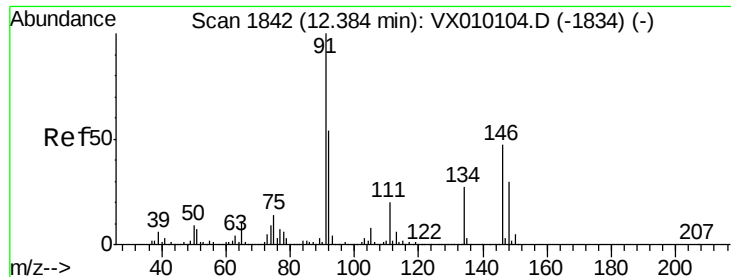
Abundance

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 :

VX0618WBSD01

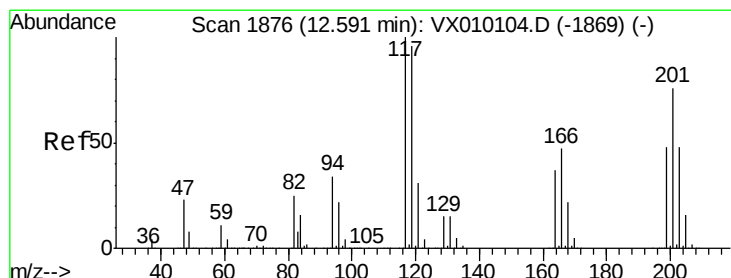
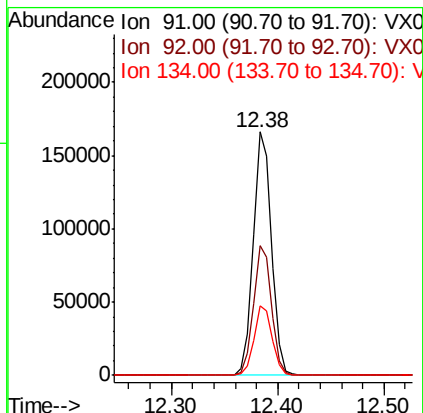
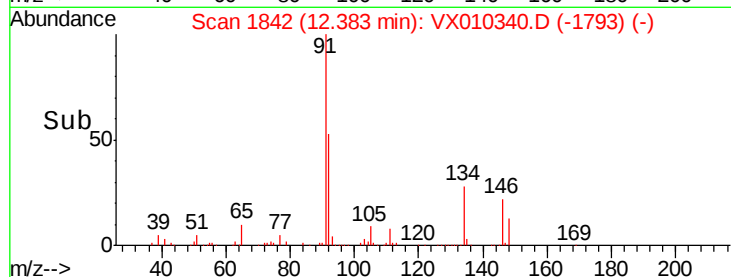
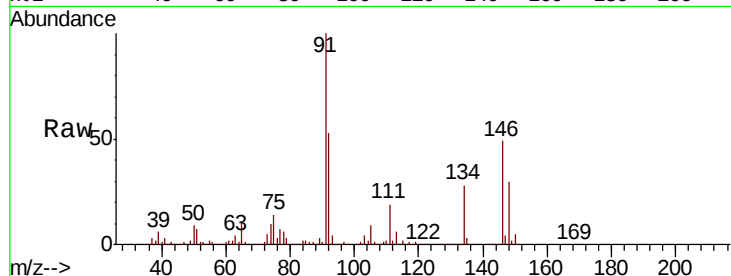
Tot Ion: 91 Resp: 199767

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

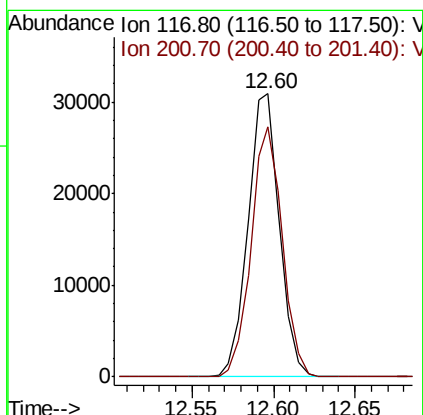
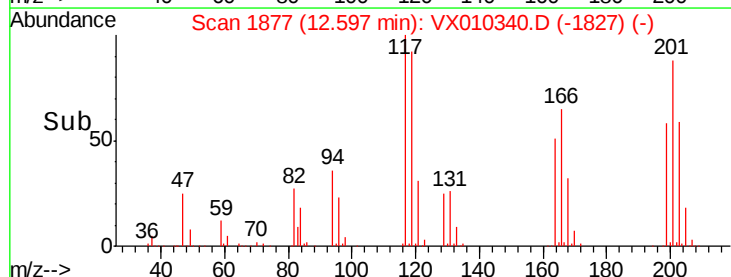
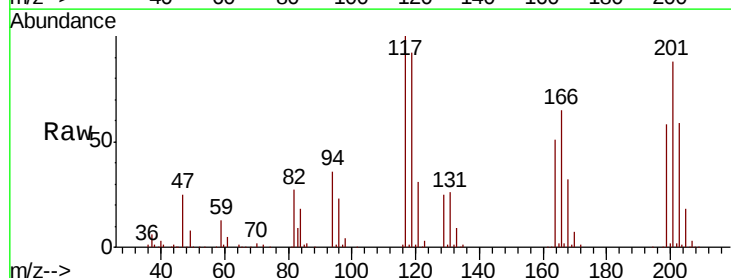
Acq: 18 Jun 2019 14:02

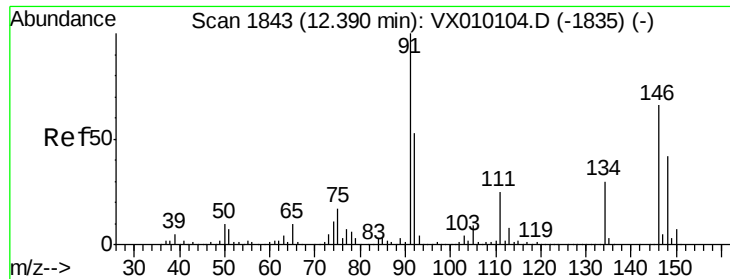
Tgt Ion: 117 Resp: 41319

Ion Ratio Lower Upper

117 100

201 87.3 43.6 130.9

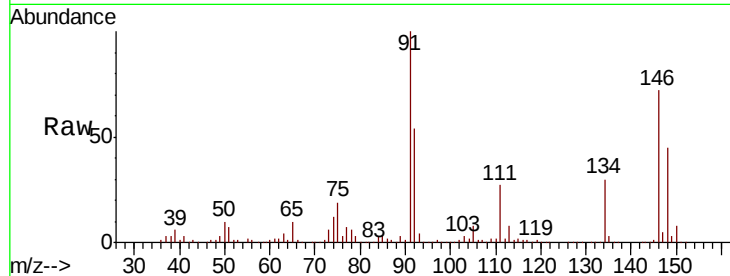




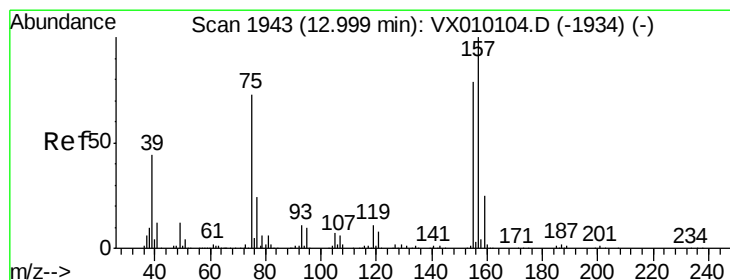
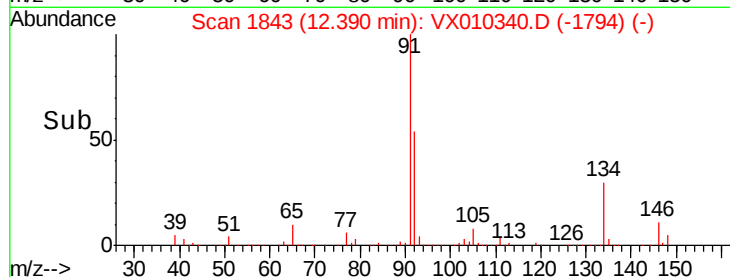
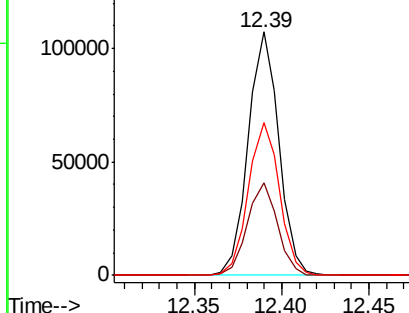
#91
 1,2-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

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

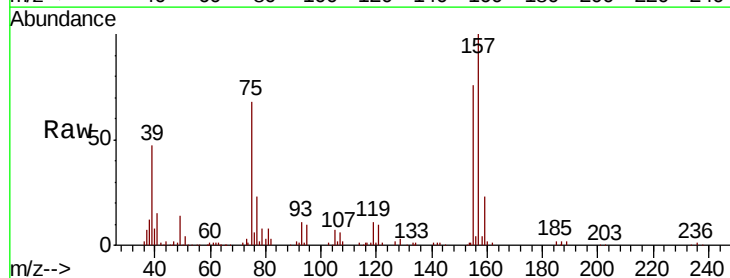


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

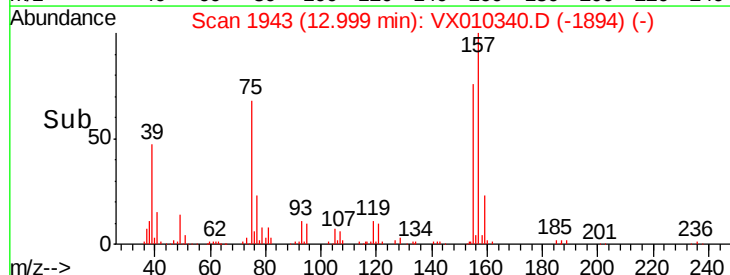
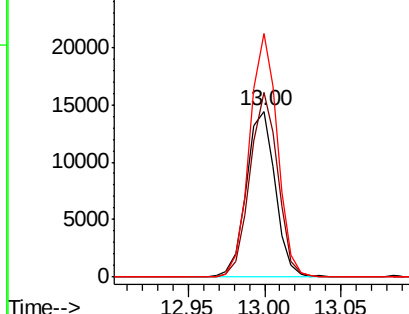


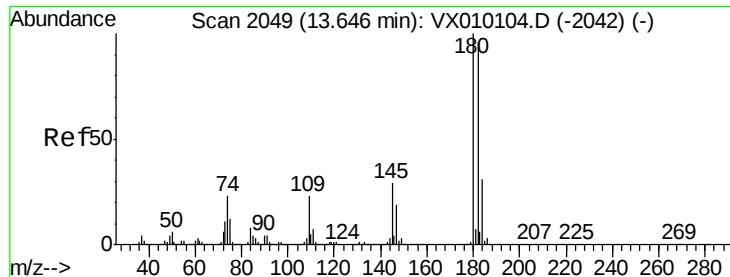
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.768 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

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

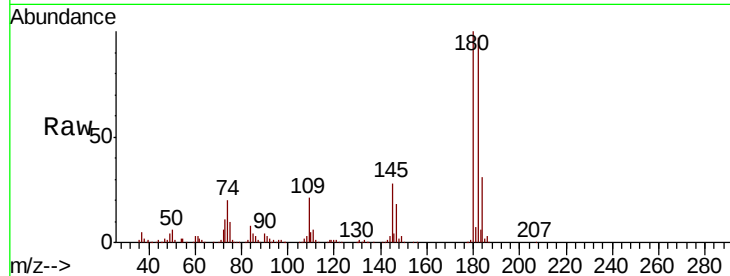




#93
 1,2,4-Trichlorobenzene
 Concen: 18.608 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

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

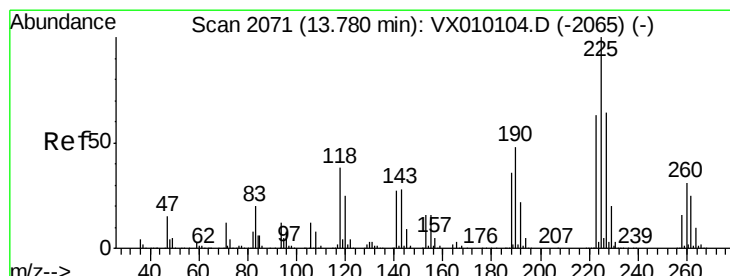
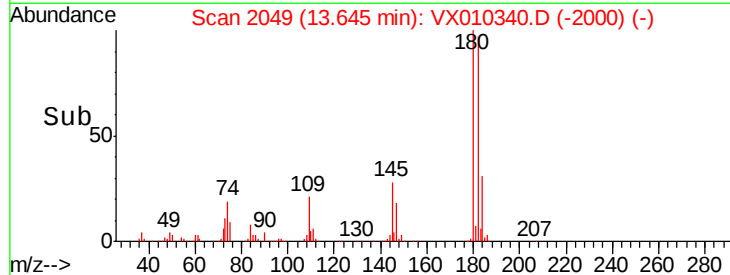
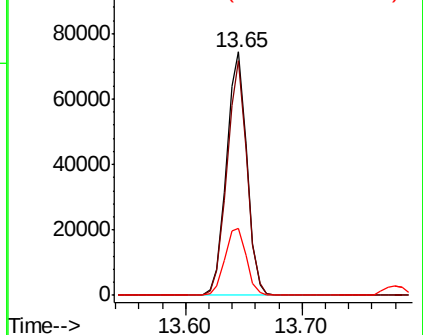


Abundance

Ion 179.80 (179.50 to 180.50): V

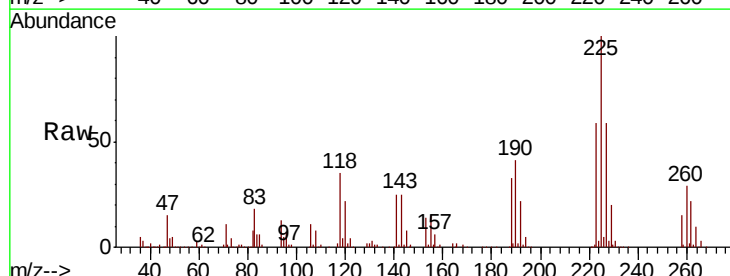
Ion 181.80 (181.50 to 182.50): V

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	Ratio	Lower	Upper
225	100		
223	61.2	31.3	93.8
227	62.4	32.3	96.8

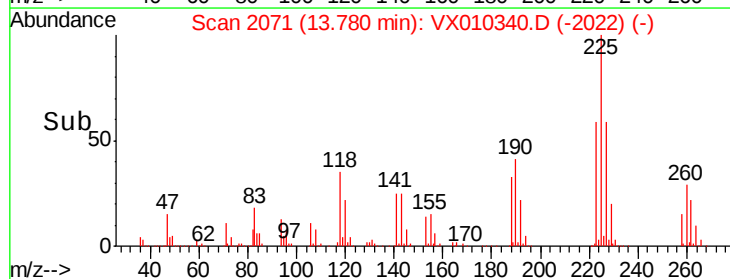
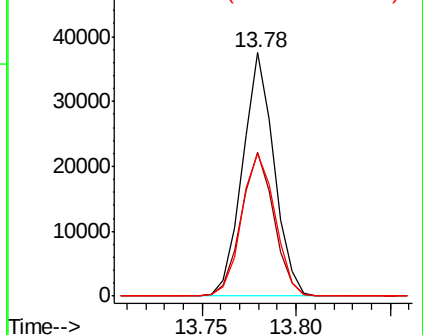


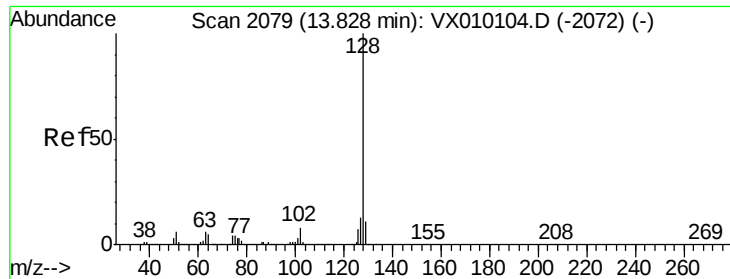
Abundance

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 :

VX0618WBSD01

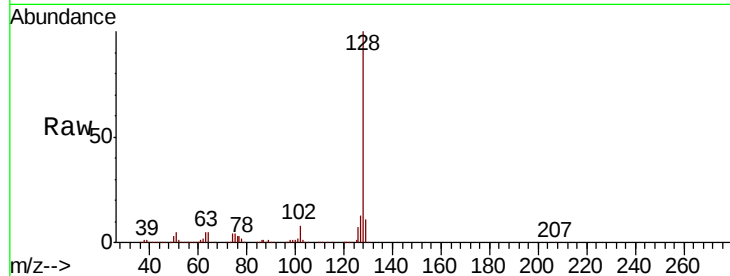
Tot Ion:128 Resp: 286886

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

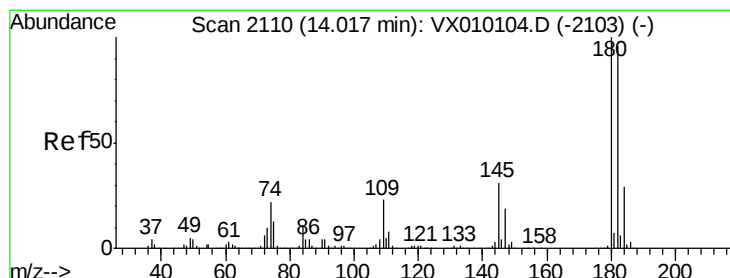
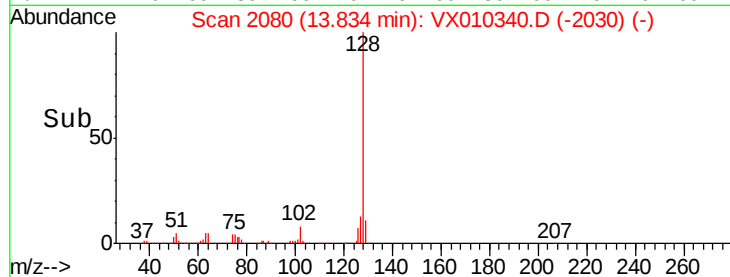
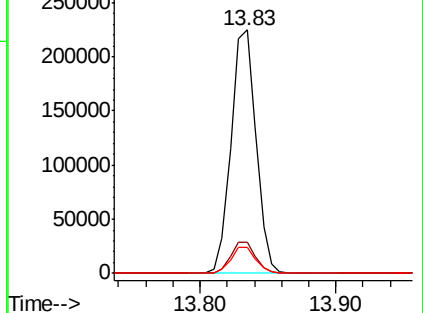
129 10.8 8.8 13.2



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

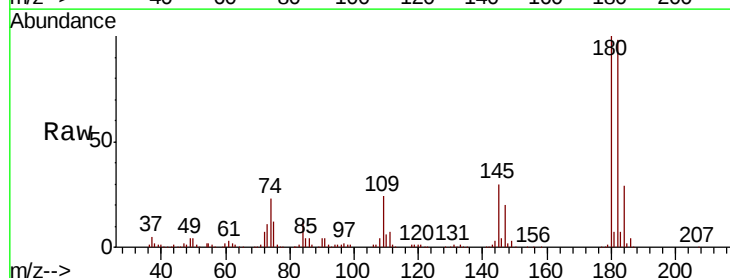
Tgt Ion:180 Resp: 90674

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

