

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010163.D
 Acq On : 09 Jun 2019 00:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 08:06:50 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	260999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126240	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.50	113	125333	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.71	98	477944	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	179655	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127224	52.976	ug/l	100
3) Chloromethane	1.32	50	125356	52.559	ug/l	99
4) Vinyl Chloride	1.41	62	127722	56.978	ug/l	99
5) Bromomethane	1.64	94	48411	57.232	ug/l	99
6) Chloroethane	1.71	64	67697	59.900	ug/l	100
7) Trichlorofluoromethane	1.92	101	190632	57.252	ug/l	98
8) Diethyl Ether	2.19	74	64527	56.226	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111457	48.560	ug/l	90
10) Methyl Iodide	2.51	142	186546	52.457	ug/l	96
11) Tert butyl alcohol	3.05	59	164147	263.013	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114559	48.866	ug/l #	76
13) Acrolein	2.29	56	29125	255.933	ug/l	99
14) Allyl chloride	2.73	41	163732	46.269	ug/l #	88
15) Acrylonitrile	3.14	53	326274	255.770	ug/l	98
16) Acetone	2.45	43	256627	214.166	ug/l #	84
17) Carbon Disulfide	2.57	76	312901	46.193	ug/l	98
18) Methyl Acetate	2.78	43	132715	50.362	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	366519	48.664	ug/l	92
20) Methylene Chloride	2.85	84	128569	48.856	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	122276	47.131	ug/l #	75
22) Diisopropyl ether	3.85	45	341916	50.536	ug/l #	89
23) Vinyl Acetate	3.82	43	1487180	246.392	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	199287	48.513	ug/l	95
25) 2-Butanone	4.68	43	442179	247.813	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	133203	35.544	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	143233	49.627	ug/l	77
28) Bromochloromethane	5.01	49	92365	50.170	ug/l #	47
29) Tetrahydrofuran	5.13	42	287604	256.476	ug/l #	74
30) Chloroform	5.21	83	209587	49.127	ug/l	100
31) Cyclohexane	5.58	56	186854	50.400	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	190746	47.559	ug/l	93
36) 1,1-Dichloropropene	5.80	75	154773	47.202	ug/l	93
37) Ethyl Acetate	4.84	43	165946	48.641	ug/l #	91
38) Carbon Tetrachloride	5.78	117	175307	47.235	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	205661	46.062	ug/l #	83
40) Benzene	6.14	78	500410	49.354	ug/l	100
41) Methacrylonitrile	5.04	41	90980	49.299	ug/l #	85
42) 1,2-Dichloroethane	6.19	62	152263	47.039	ug/l	93
43) Isopropyl Acetate	6.45	43	276363	48.448	ug/l #	88
44) Trichloroethene	7.21	130	148046	48.441	ug/l	86
45) 1,2-Dichloropropane	7.51	63	123898	48.822	ug/l	97
46) Dibromomethane	7.66	93	89525	47.088	ug/l	90
47) Bromodichloromethane	7.90	83	171088	48.158	ug/l #	98
48) Methyl methacrylate	7.77	41	131782	49.399	ug/l #	78
49) 1,4-Dioxane	7.74	88	76842	1010.285	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	896280	263.015	ug/l	90
52) Toluene	8.79	92	324533	48.693	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	186053	45.277	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	201581	45.759	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	137308	50.304	ug/l	97
56) Ethyl methacrylate	9.18	69	216050	50.107	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	213257	49.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	501979	246.955	ug/l #	86
59) 2-Hexanone	9.49	43	698240	256.988	ug/l	87
60) Dibromochloromethane	9.58	129	158843	49.199	ug/l	100
61) 1,2-Dibromoethane	9.67	107	149346	49.126	ug/l	99
64) Tetrachloroethene	9.34	164	135984	49.739	ug/l	98
65) Chlorobenzene	10.13	112	371562	48.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	141417	48.404	ug/l	99
67) Ethyl Benzene	10.25	91	626143	48.414	ug/l	94
68) m/p-Xylenes	10.36	106	495417	98.989	ug/l	89
69) o-Xylene	10.69	106	243046	48.854	ug/l	89
70) Styrene	10.71	104	420976	49.962	ug/l	95
71) Bromoform	10.85	173	133430	49.679	ug/l	98
73) Isopropylbenzene	11.02	105	639570	47.976	ug/l	95
74) N-amyl acetate	10.90	43	255758	48.534	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	220534	48.328	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	246859	64.627	ug/l	82
77) Bromobenzene	11.26	156	175737	47.938	ug/l	82
78) n-propylbenzene	11.36	91	708994	47.772	ug/l	94
79) 2-Chlorotoluene	11.42	91	423950	47.563	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	534900	47.639	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74220	42.931	ug/l #	83
82) 4-Chlorotoluene	11.51	91	483434	47.744	ug/l	91
83) tert-Butylbenzene	11.77	119	538642	47.397	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	544932	48.048	ug/l	97
85) sec-Butylbenzene	11.94	105	628821	47.494	ug/l	96
86) p-Isopropyltoluene	12.06	119	576607	47.638	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	308648	47.799	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	310686	47.729	ug/l	97
89) n-Butylbenzene	12.38	91	492396	47.260	ug/l	97
90) Hexachloroethane	12.59	117	111471	46.232	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	305058	48.595	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48484	45.151	ug/l	64

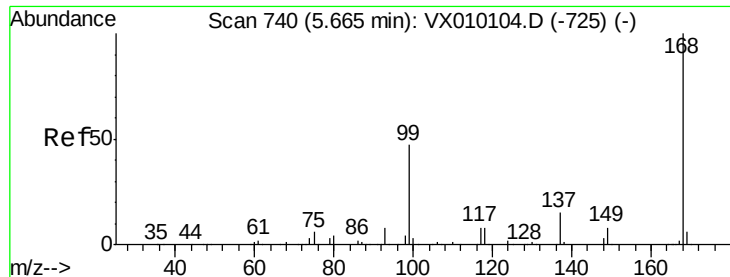
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	212920	46.336	ug/l	98
94) Hexachlorobutadiene	13.78	225	92932	45.474	ug/l	99
95) Naphthalene	13.83	128	700323	48.415	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	215337	47.395	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: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

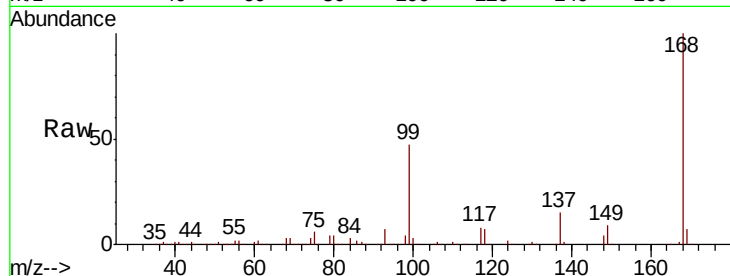
VSTDCCC050EC

Tgt Ion:168 Resp: 260999

Ion Ratio Lower Upper

168 100

99 46.5 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

100000

80000

60000

40000

20000

0

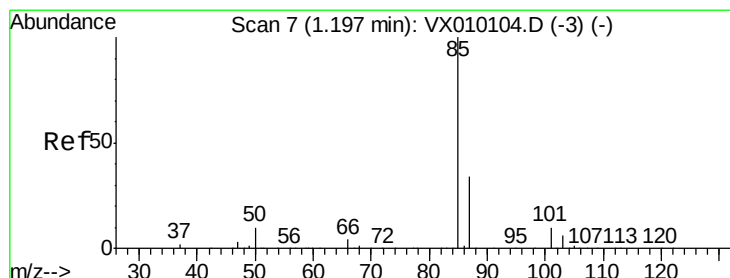
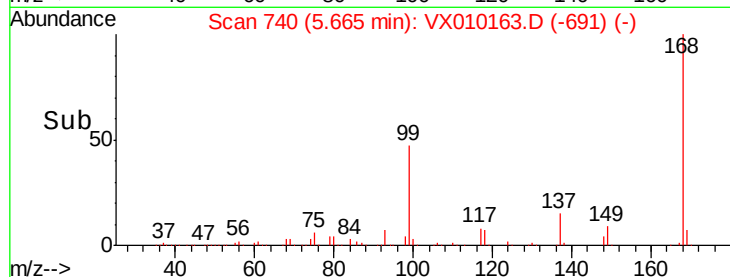
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 52.976 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010163.D

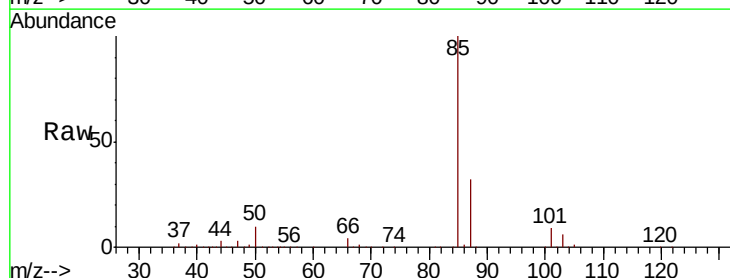
Acq: 09 Jun 2019 00:53

Tgt Ion: 85 Resp: 127224

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

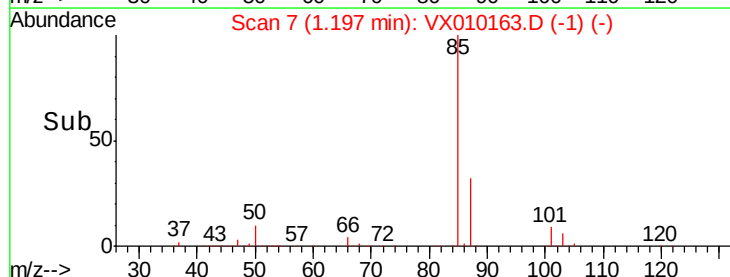
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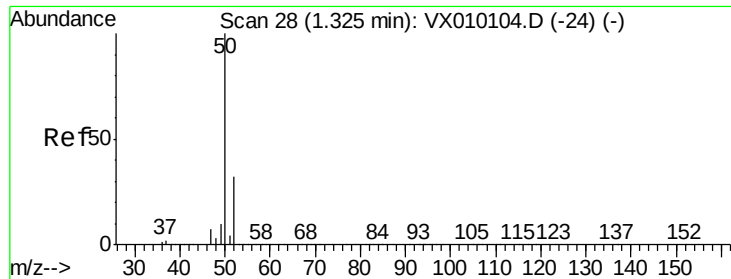
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.559 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

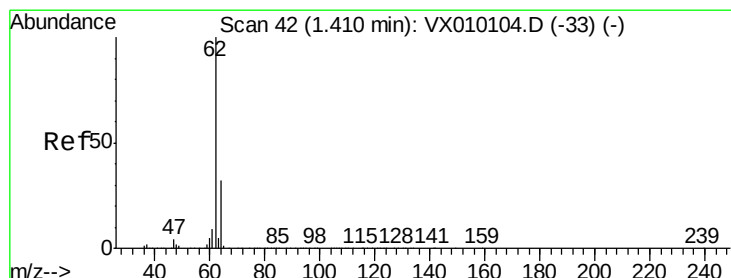
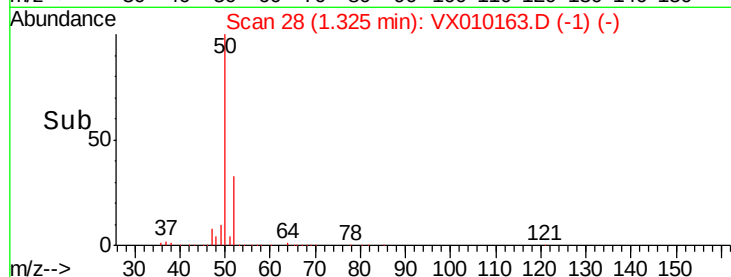
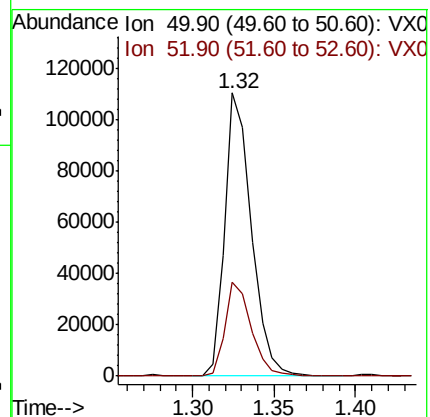
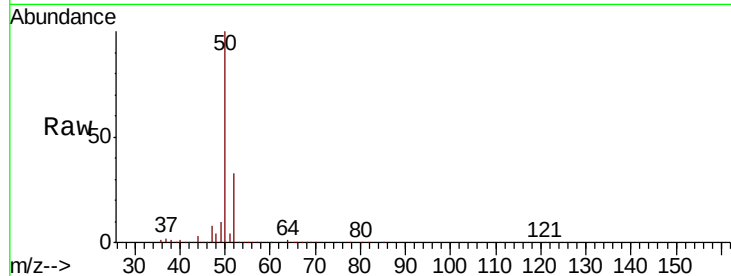
VSTDCCC050EC

Tgt Ion: 50 Resp: 125356

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 56.978 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010163.D

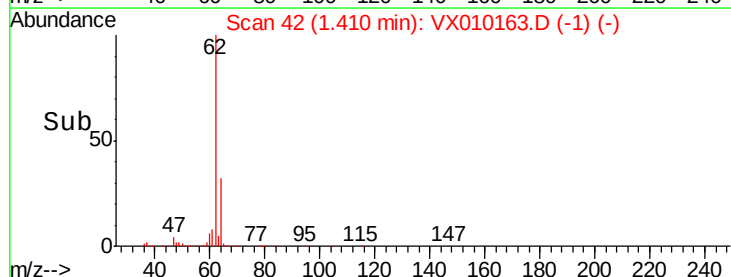
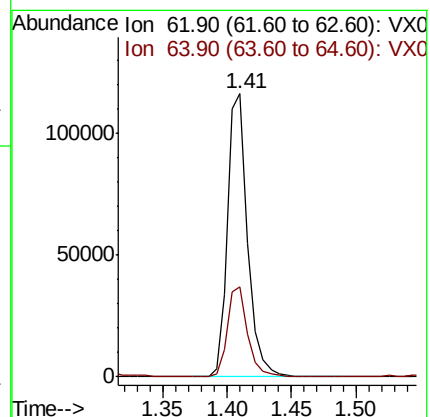
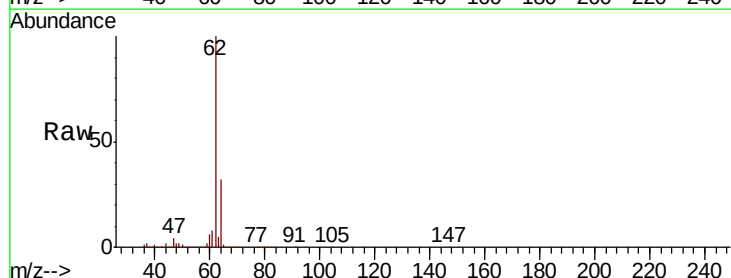
Acq: 09 Jun 2019 00:53

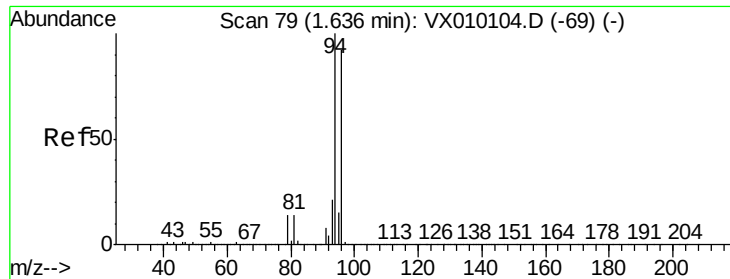
Tgt Ion: 62 Resp: 127722

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 57.232 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

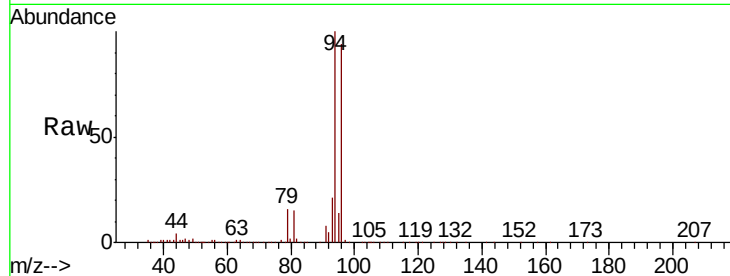
VSTDCCC050EC

Tgt Ion: 94 Resp: 48411

Ion Ratio Lower Upper

94 100

96 93.9 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

50000

40000

30000

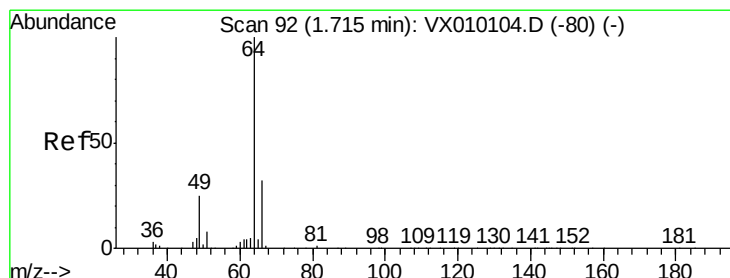
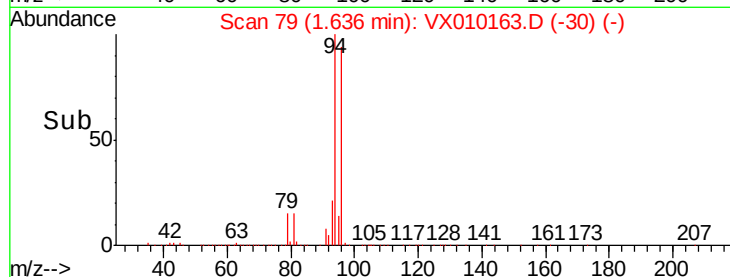
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 59.900 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010163.D

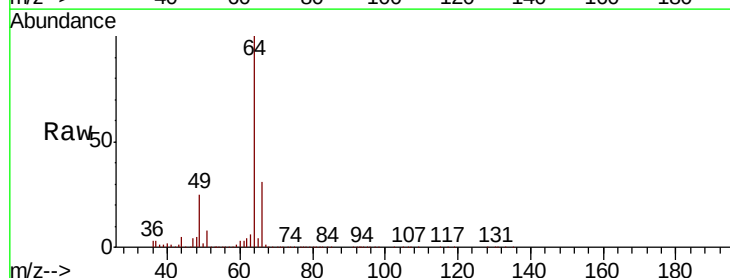
Acq: 09 Jun 2019 00:53

Tgt Ion: 64 Resp: 67697

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

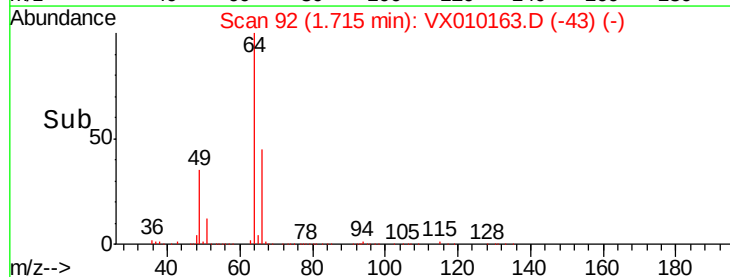
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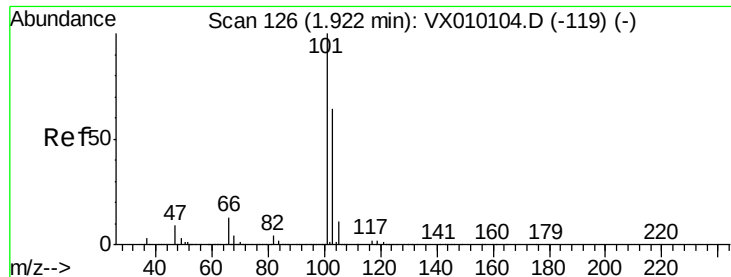
10000

0

Time-->

1.65 1.70 1.75 1.80



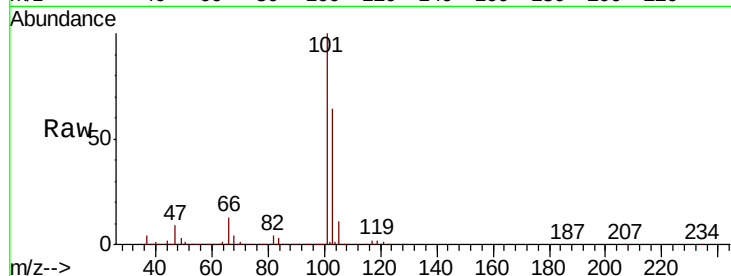


#7

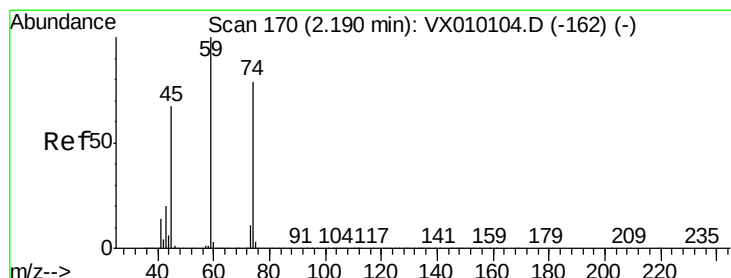
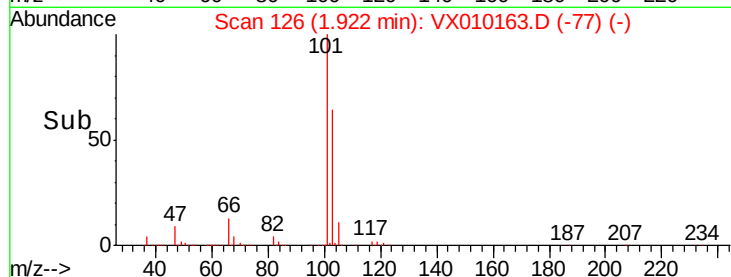
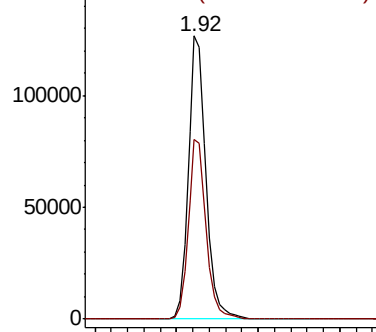
Trichlorofluoromethane
Concen: 57.252 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 190632
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4



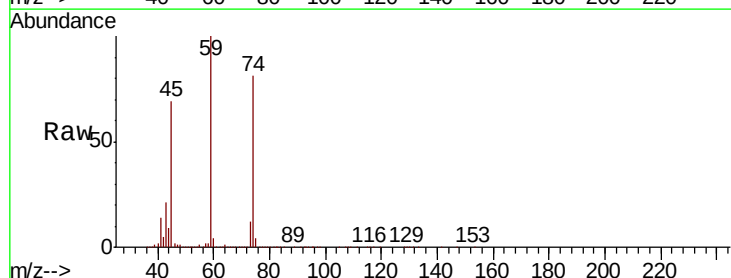
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



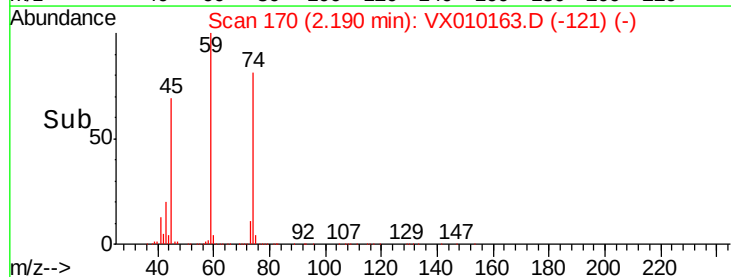
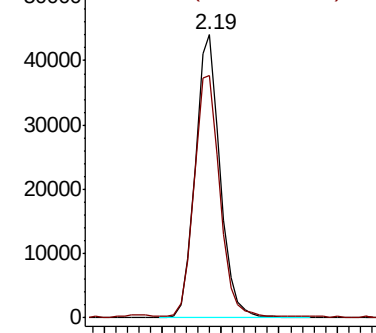
#8

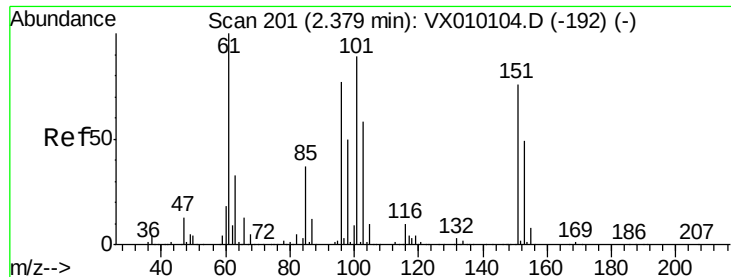
Diethyl Ether
Concen: 56.226 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 74 Resp: 64527
Ion Ratio Lower Upper
74 100
45 87.8 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.560 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

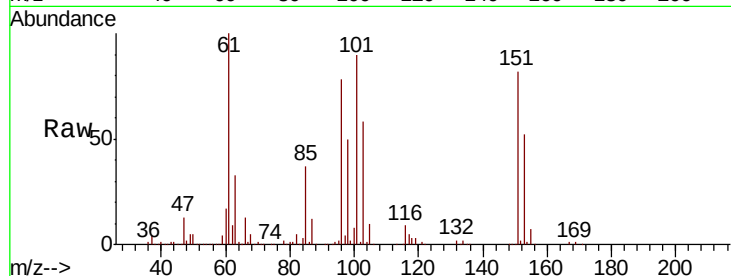
Tgt Ion:101 Resp: 111457

Ion Ratio Lower Upper

101 100

85 41.4 35.2 52.8

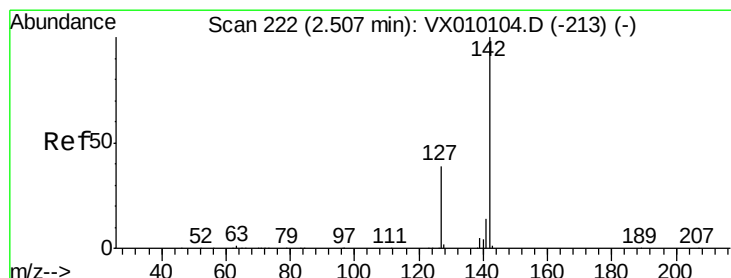
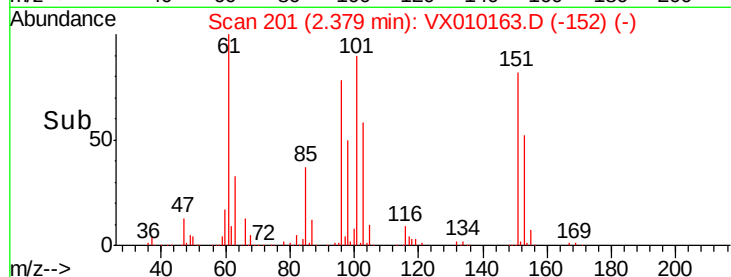
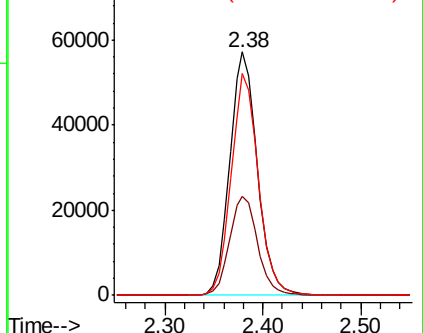
151 89.6 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.457 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

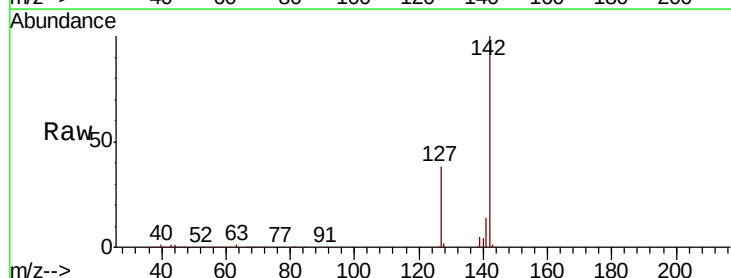
Tgt Ion:142 Resp: 186546

Ion Ratio Lower Upper

142 100

127 37.7 33.0 49.4

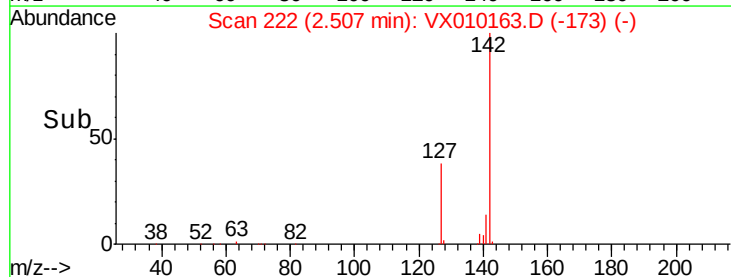
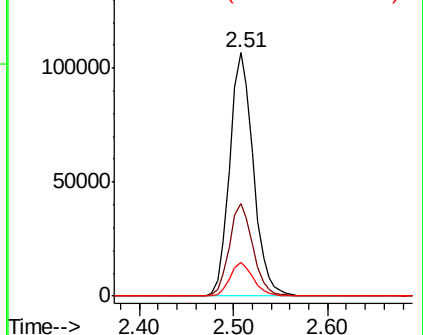
141 13.9 11.4 17.0

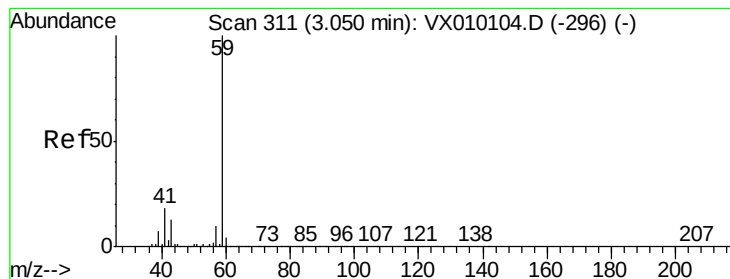


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 263.013 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

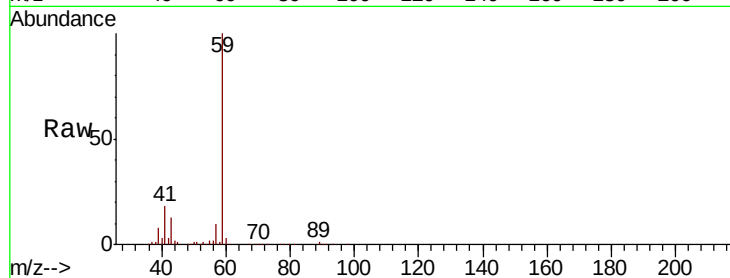
VSTDCCC050EC

Tgt Ion: 59 Resp: 164147

Ion Ratio Lower Upper

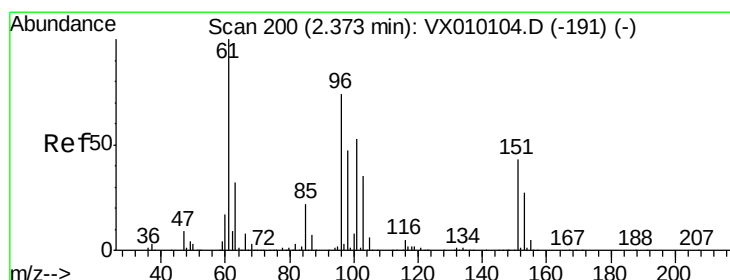
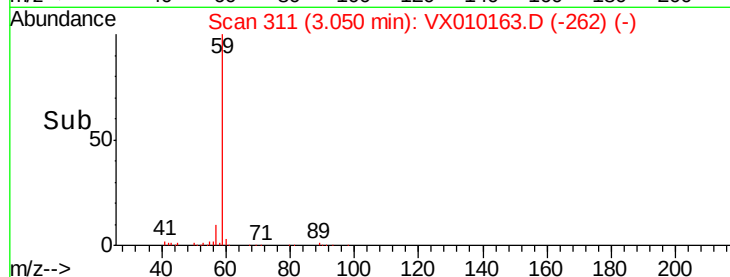
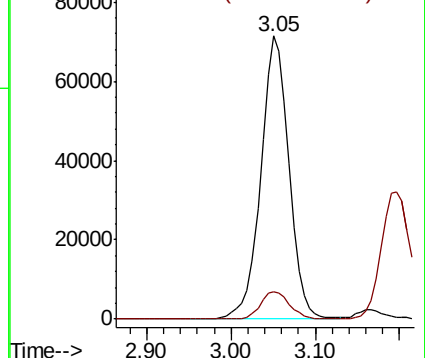
59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 48.866 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

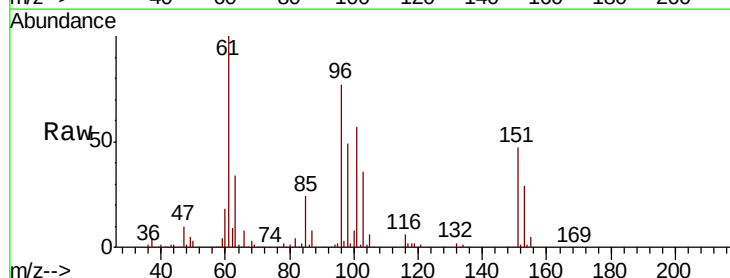
Tgt Ion: 96 Resp: 114559

Ion Ratio Lower Upper

96 100

61 130.1 140.7 211.1#

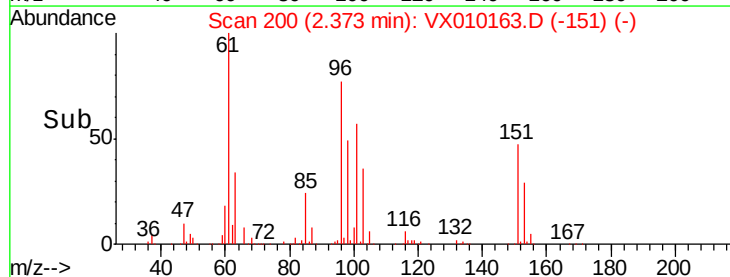
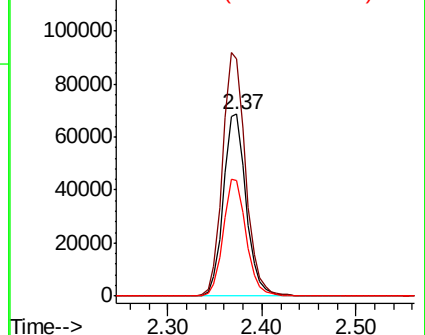
98 63.3 50.1 75.1

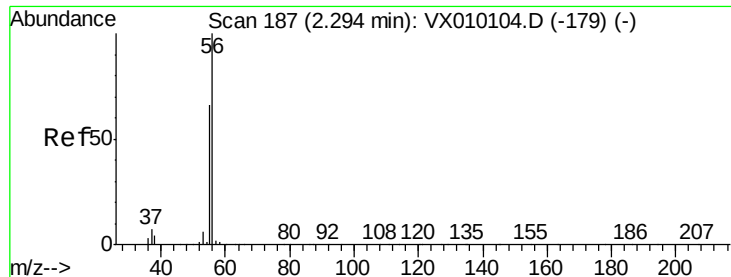


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 255.933 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

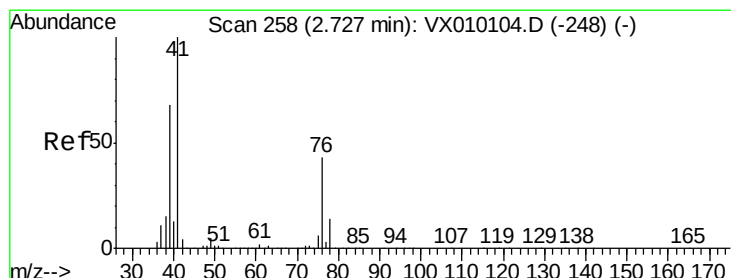
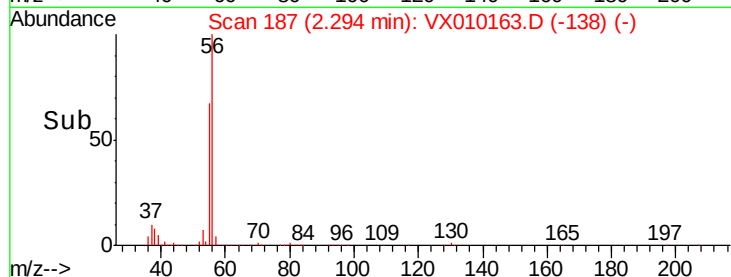
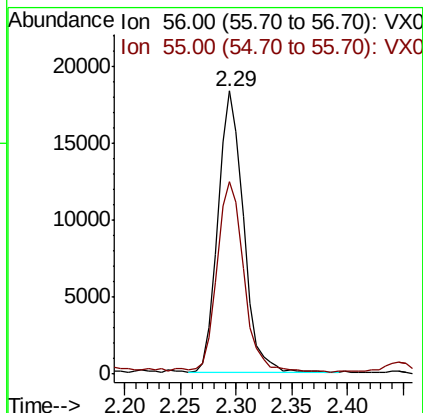
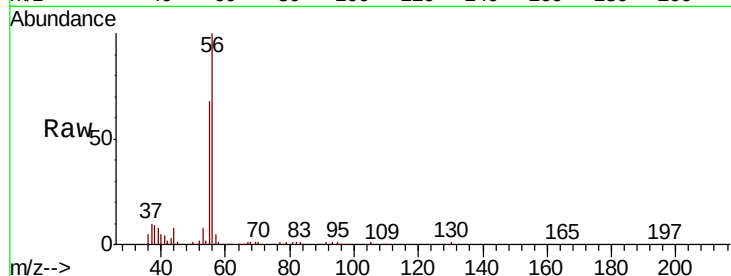
VSTDCCC050EC

Tgt Ion: 56 Resp: 29125

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 46.269 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

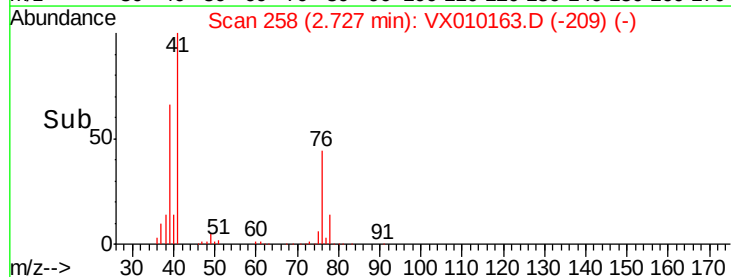
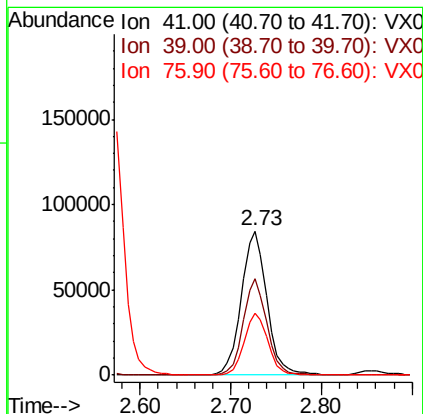
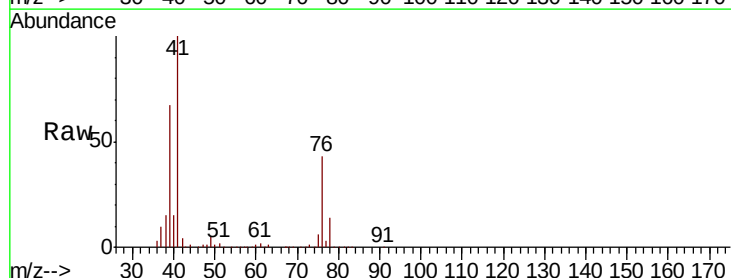
Tgt Ion: 41 Resp: 163732

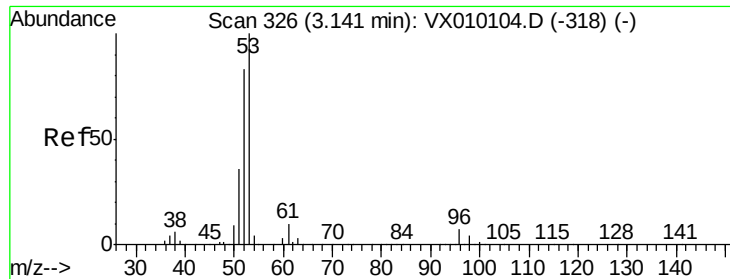
Ion Ratio Lower Upper

41 100

39 62.1 46.7 70.1

76 39.6 21.0 31.4#





#15

Acrylonitrile

Concen: 255.770 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

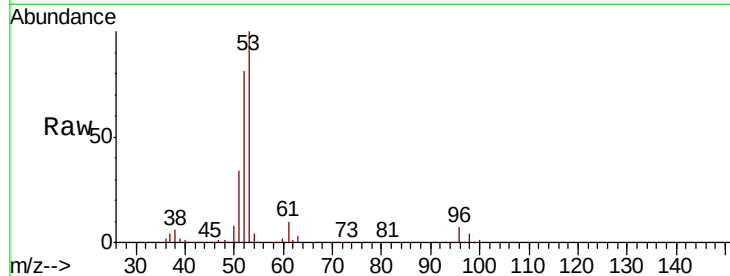
Tgt Ion: 53 Resp: 326274

Ion Ratio Lower Upper

53 100

52 81.8 66.7 100.1

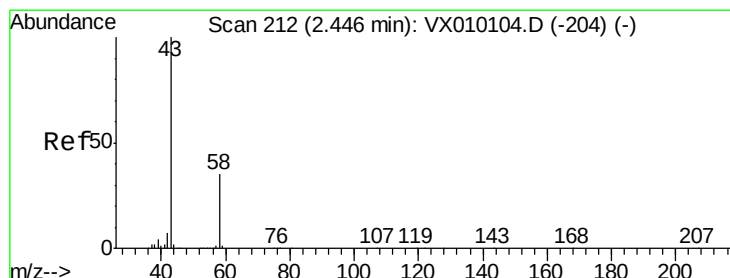
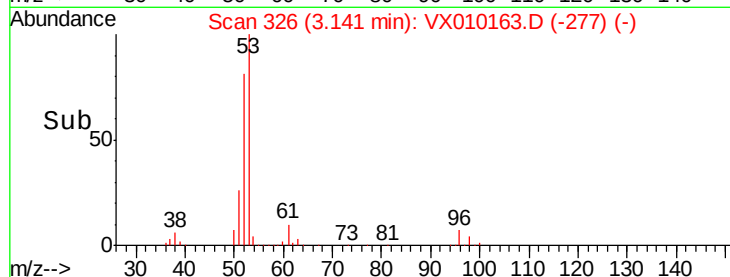
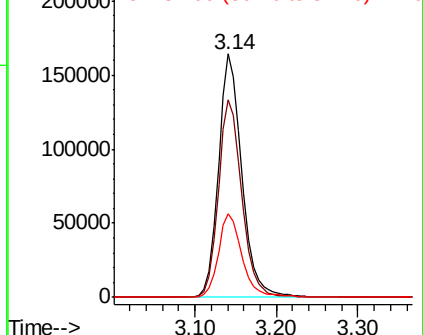
51 34.7 28.8 43.2



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: 214.166 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010163.D

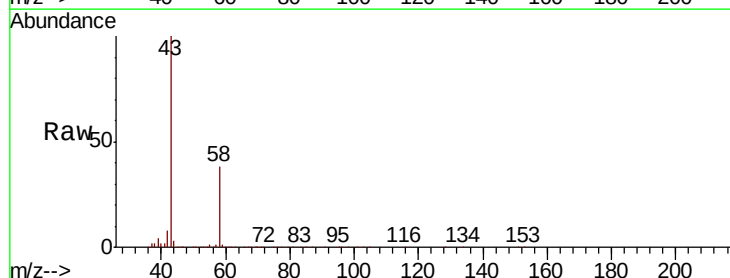
Acq: 09 Jun 2019 00:53

Tgt Ion: 43 Resp: 256627

Ion Ratio Lower Upper

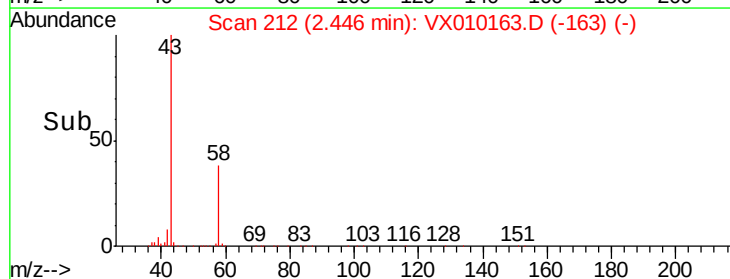
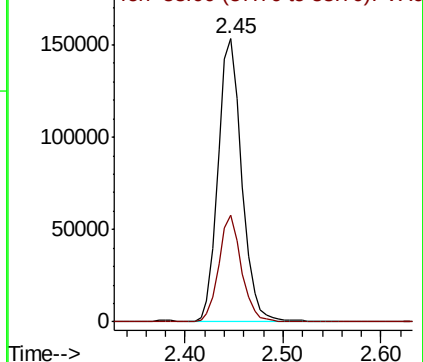
43 100

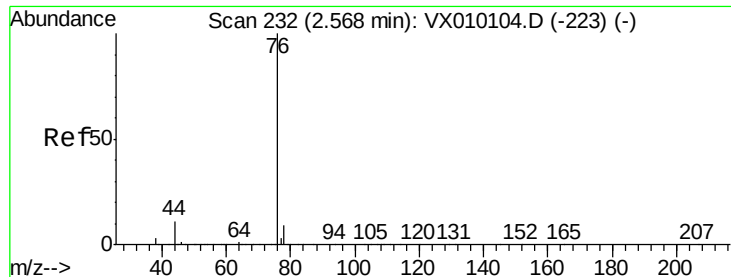
58 37.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

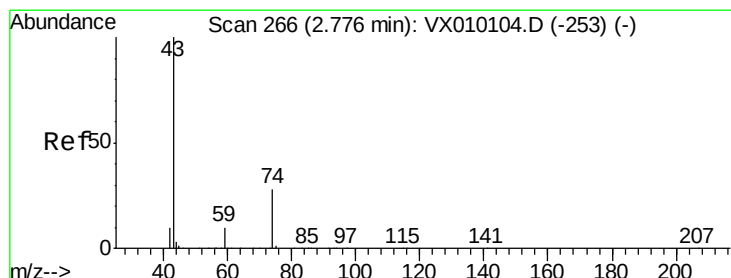
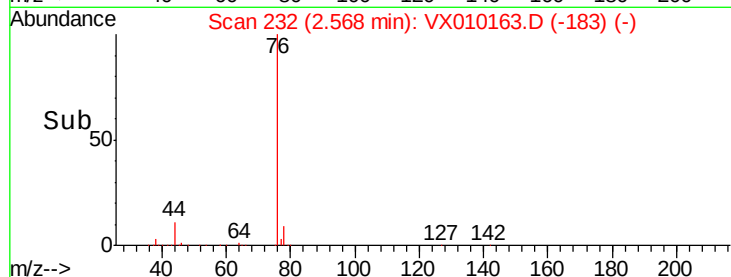
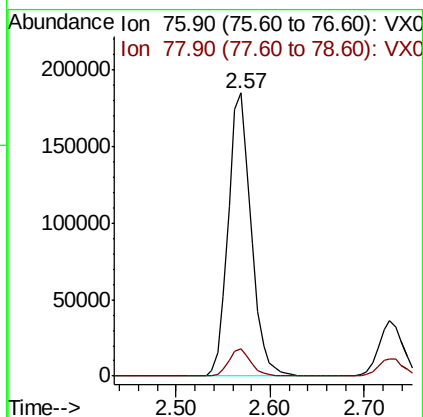
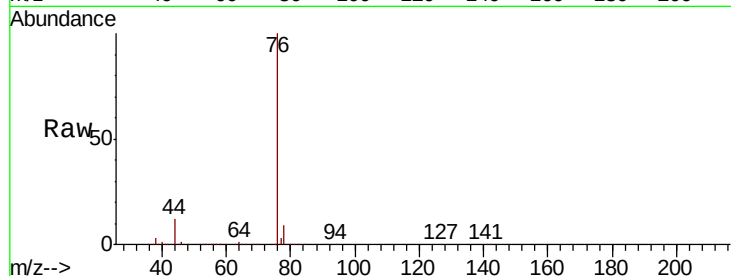




#17
Carbon Disulfide
Concen: 46.193 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

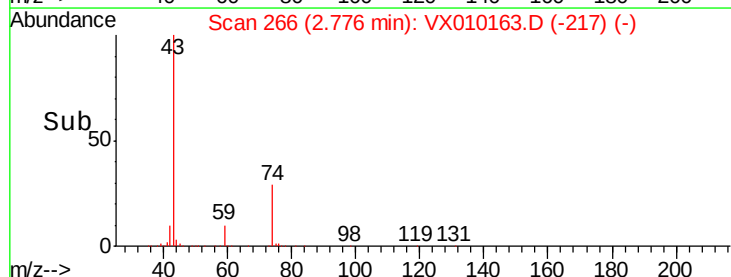
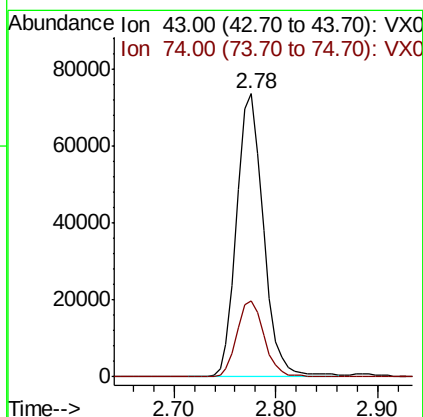
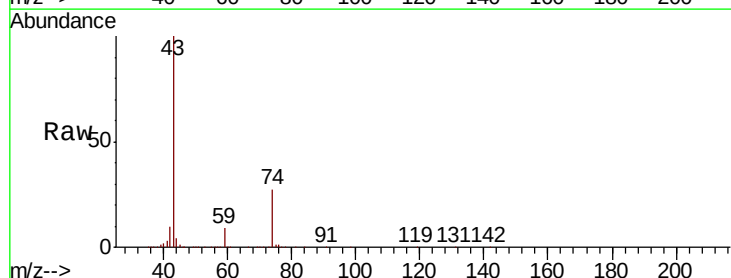
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

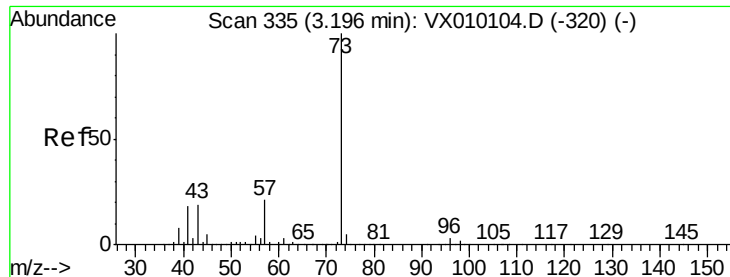
Tgt Ion: 76 Resp: 312901
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 50.362 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 43 Resp: 132715
Ion Ratio Lower Upper
43 100
74 28.1 15.8 23.6#





#19

Methyl tert-butyl Ether

Concen: 48.664 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

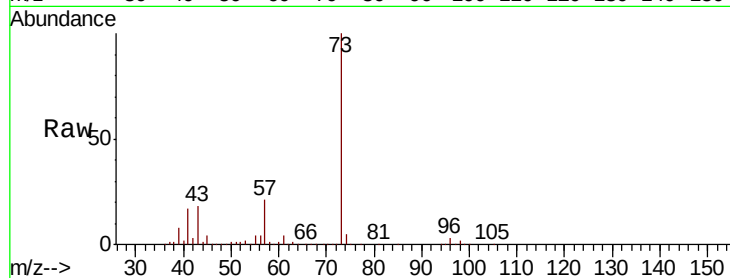
VSTDCCC050EC

Tgt Ion: 73 Resp: 366519

Ion Ratio Lower Upper

73 100

57 20.6 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

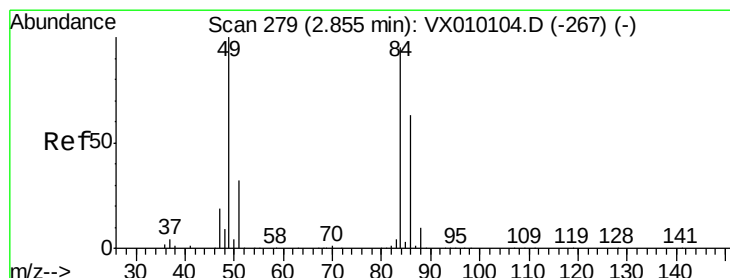
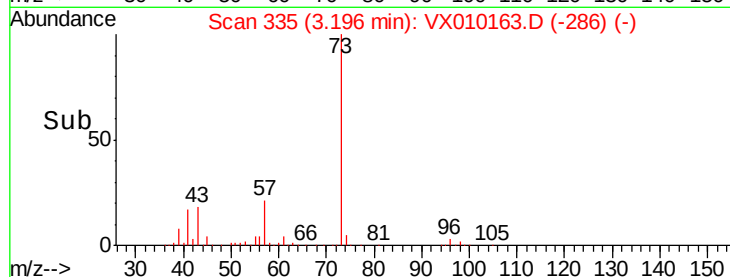
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 48.856 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Tgt Ion: 84 Resp: 128569

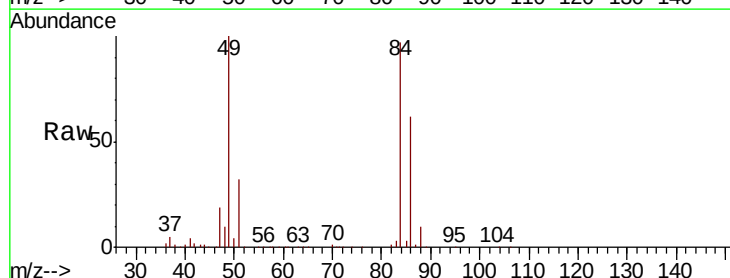
Ion Ratio Lower Upper

84 100

49 102.6 115.8 173.6#

51 32.4 34.4 51.6#

86 64.0 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.85

100000

80000

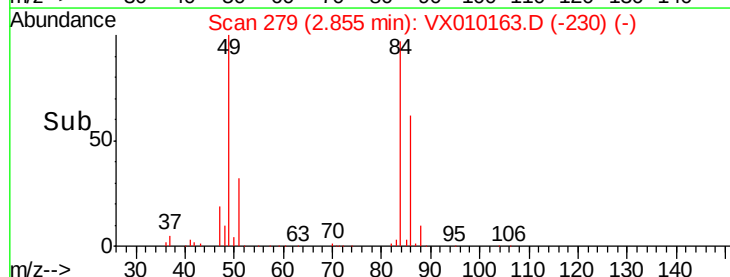
60000

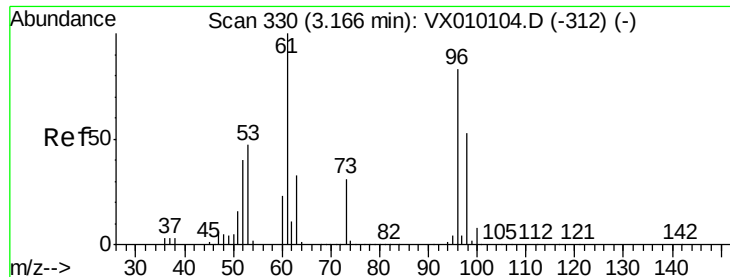
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.131 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

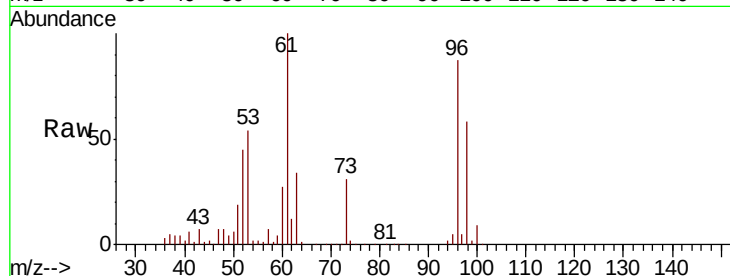
Tgt Ion: 96 Resp: 122276

Ion Ratio Lower Upper

96 100

61 114.5 125.7 188.5#

98 65.8 49.0 73.6

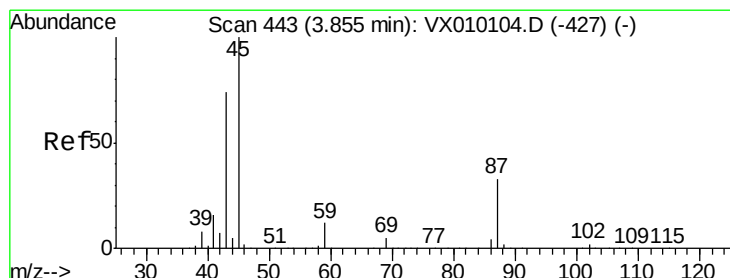
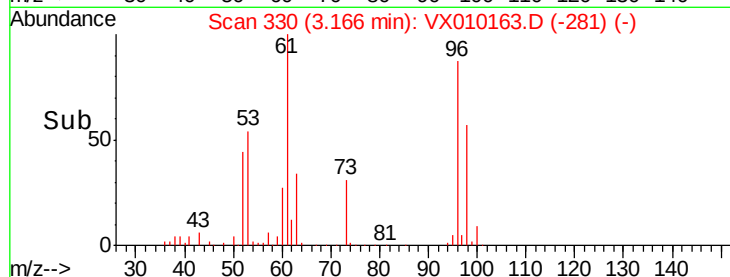
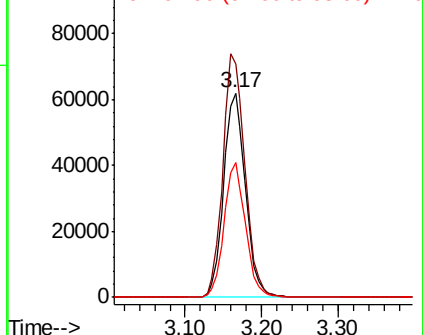


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.536 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Tgt Ion: 45 Resp: 341916

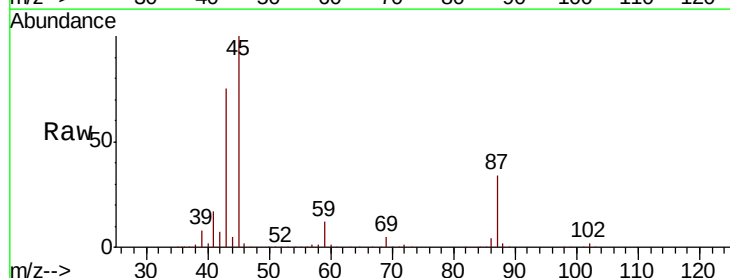
Ion Ratio Lower Upper

45 100

43 74.5 65.0 97.4

87 33.6 17.3 25.9#

59 12.4 8.1 12.1#



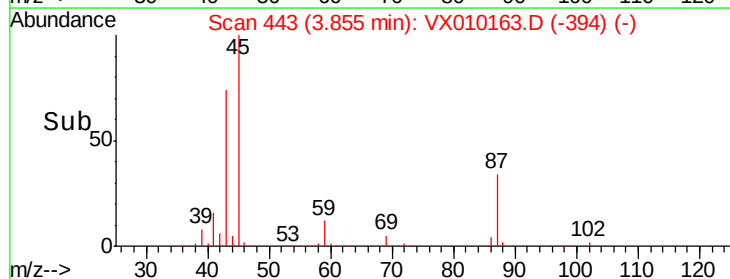
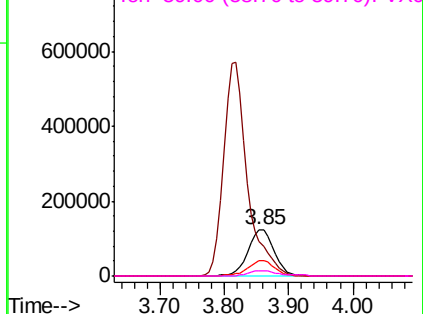
Abundance

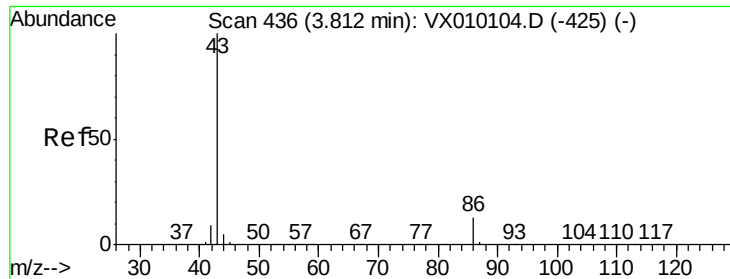
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.392 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

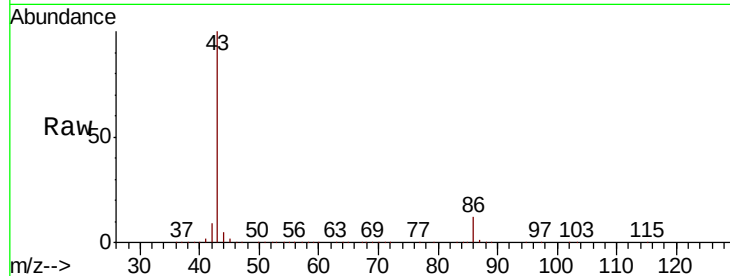
VSTDCCC050EC

Tgt Ion: 43 Resp: 1487180

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

3.82

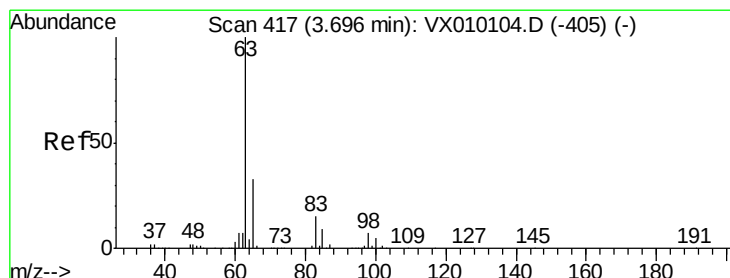
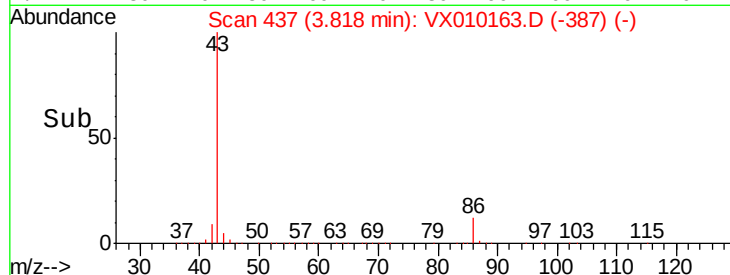
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.513 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

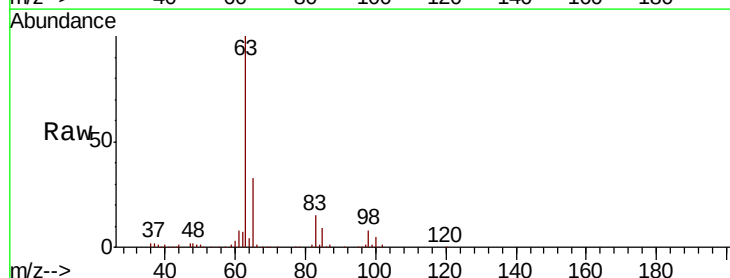
Tgt Ion: 63 Resp: 199287

Ion Ratio Lower Upper

63 100

98 7.7 2.9 8.8

100 5.0 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

100000

80000

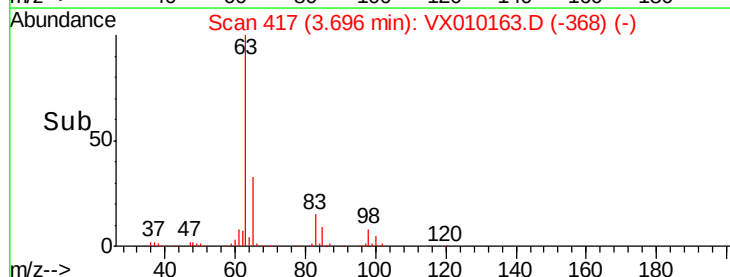
60000

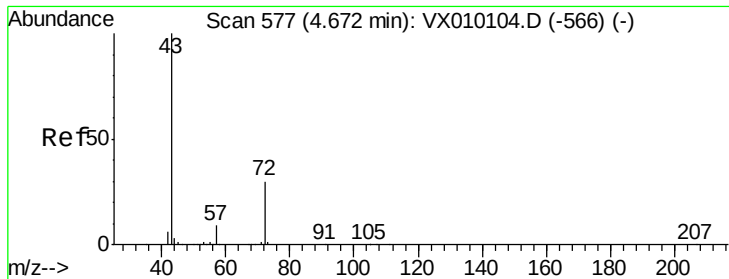
40000

20000

0

Time-->





#25

2-Butanone

Concen: 247.813 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

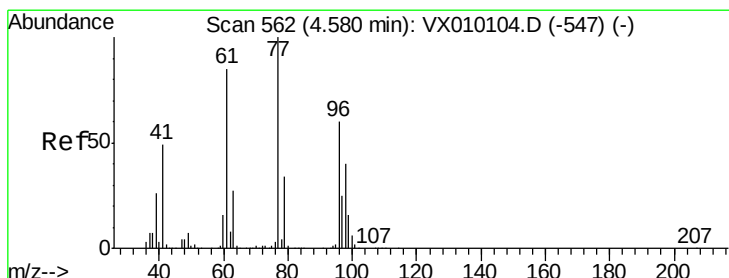
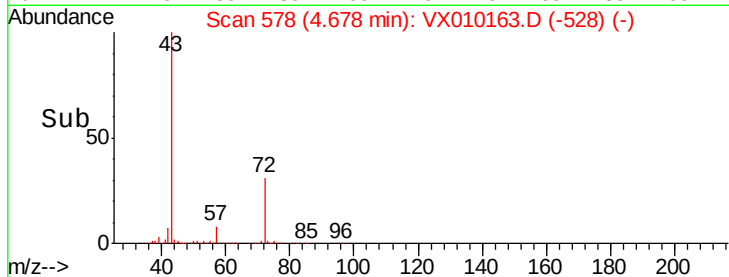
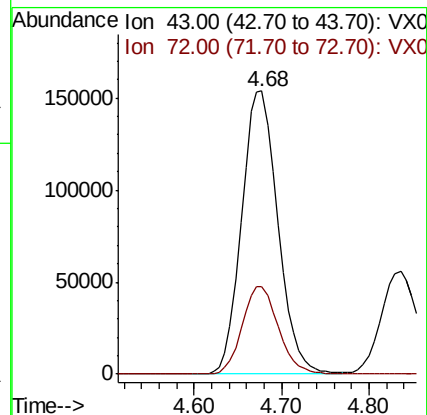
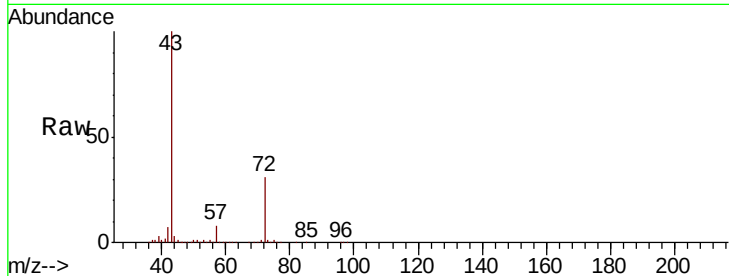
VSTDCCC050EC

Tgt Ion: 43 Resp: 442179

Ion Ratio Lower Upper

43 100

72 30.8 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 35.544 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010163.D

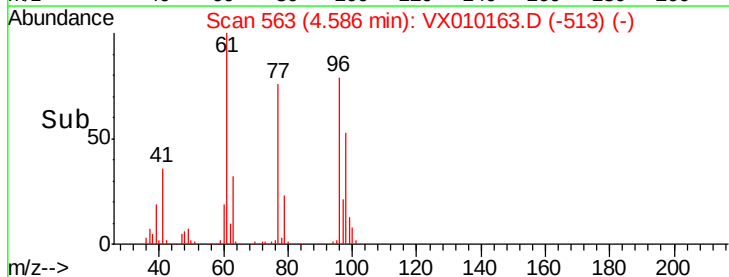
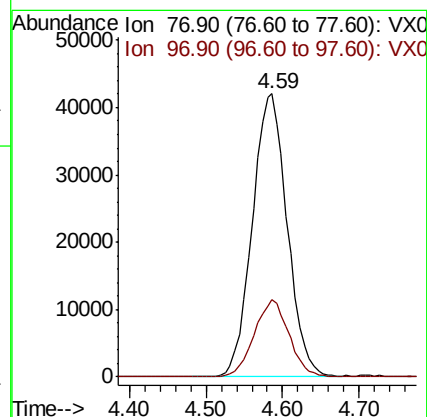
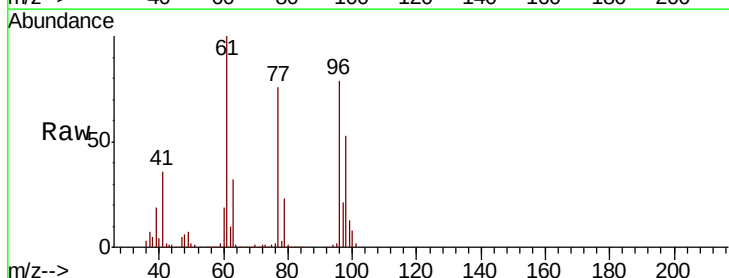
Acq: 09 Jun 2019 00:53

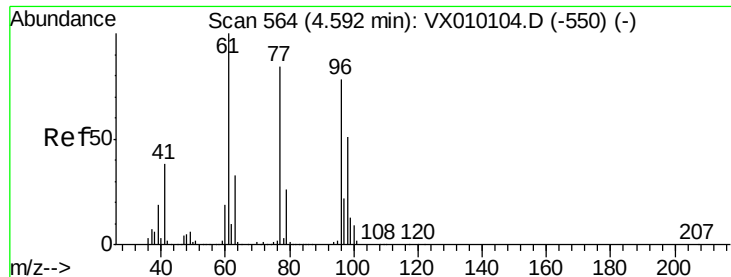
Tgt Ion: 77 Resp: 133203

Ion Ratio Lower Upper

77 100

97 27.3 11.4 34.2



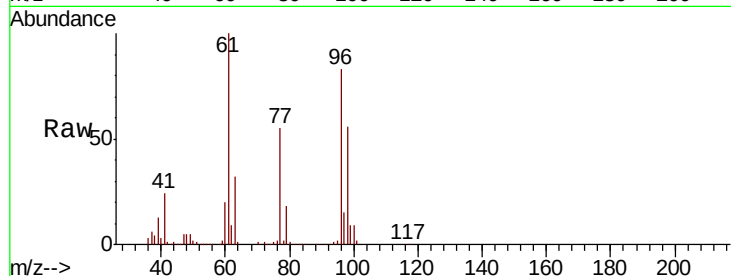


#27

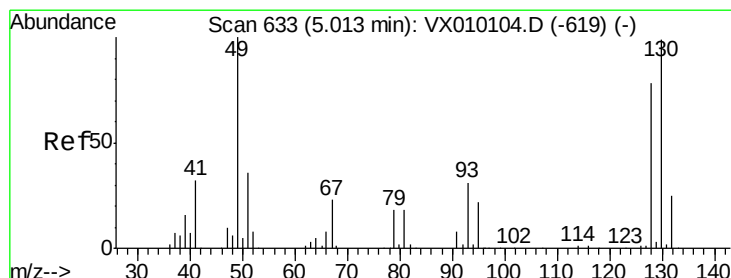
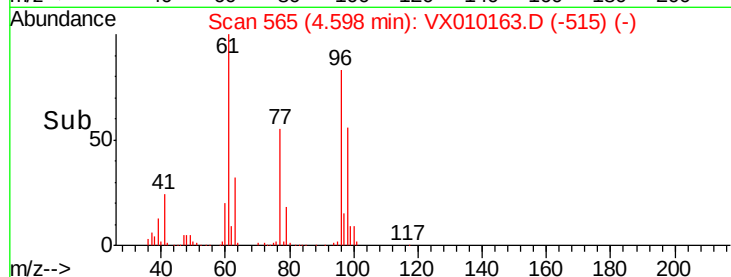
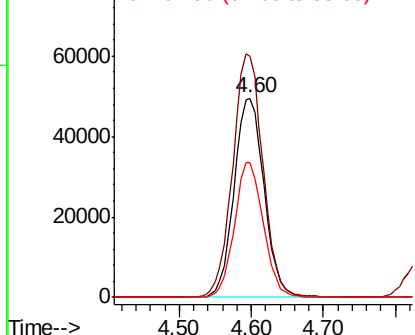
cis-1,2-Dichloroethene
Concen: 49.627 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 143233
Ion Ratio Lower Upper
96 100
61 123.8 0.0 334.0
98 65.2 0.0 131.6



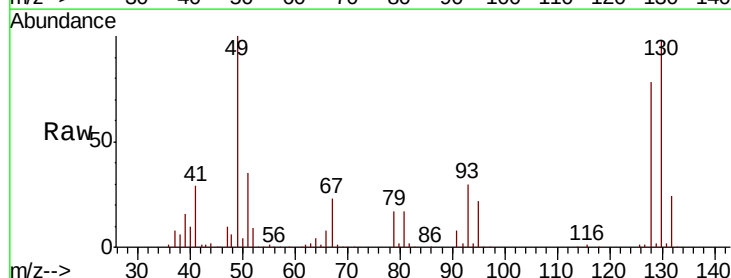
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



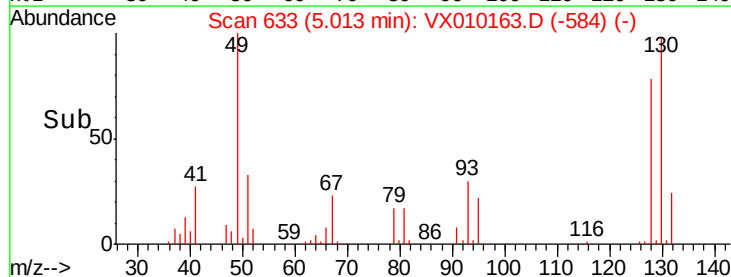
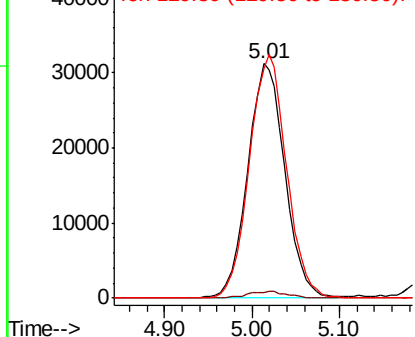
#28

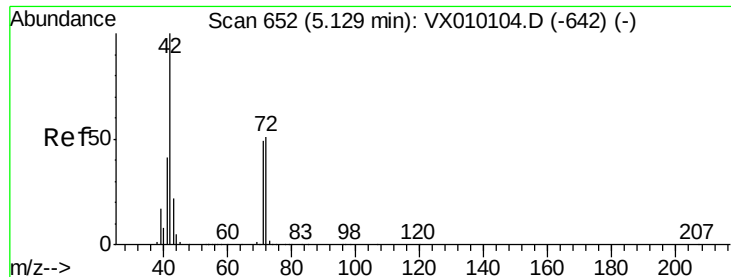
Bromochloromethane
Concen: 50.170 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 49 Resp: 92365
Ion Ratio Lower Upper
49 100
129 2.8 0.0 3.4
130 103.7 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: 256.476 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

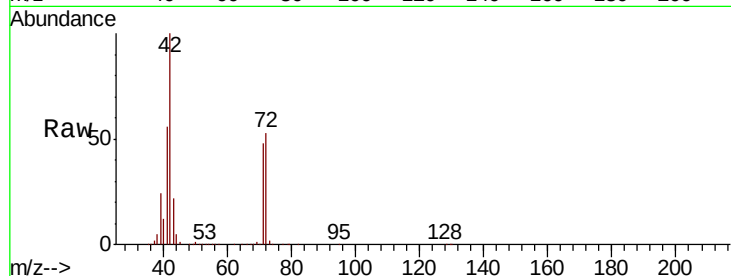
Tgt Ion: 42 Resp: 287604

Ion Ratio Lower Upper

42 100

72 52.4 29.2 43.8#

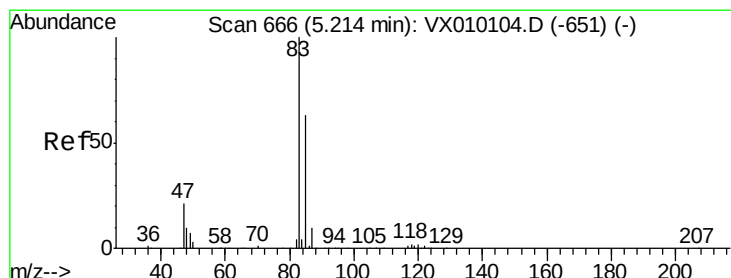
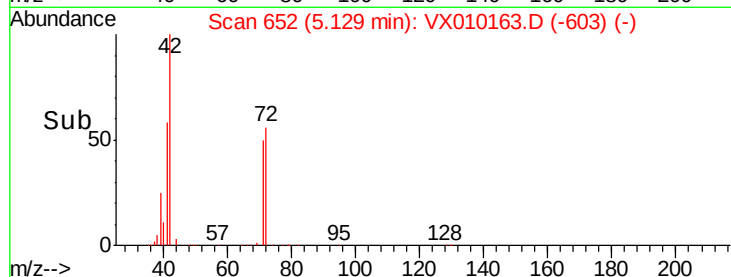
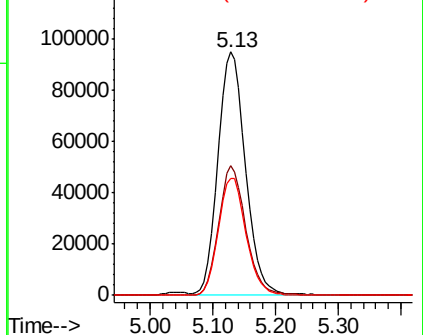
71 48.7 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.127 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010163.D

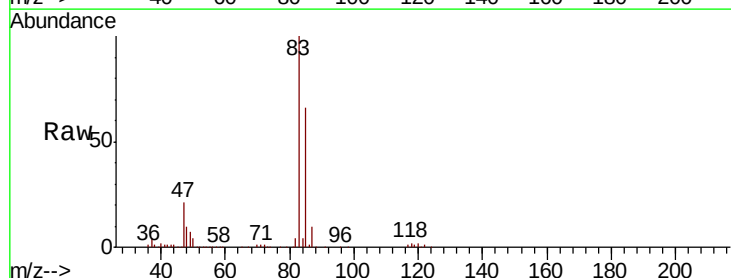
Acq: 09 Jun 2019 00:53

Tgt Ion: 83 Resp: 209587

Ion Ratio Lower Upper

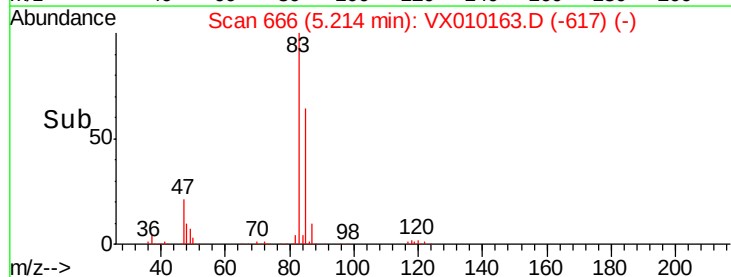
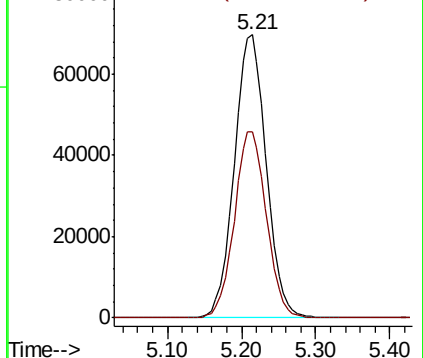
83 100

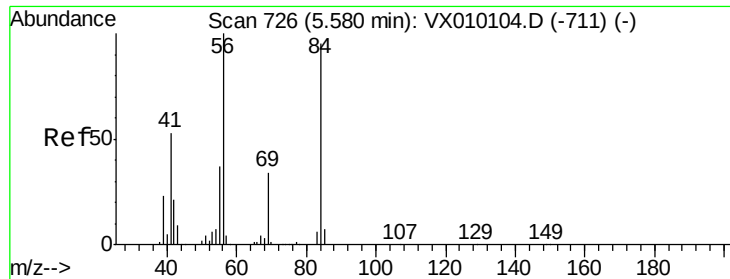
85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

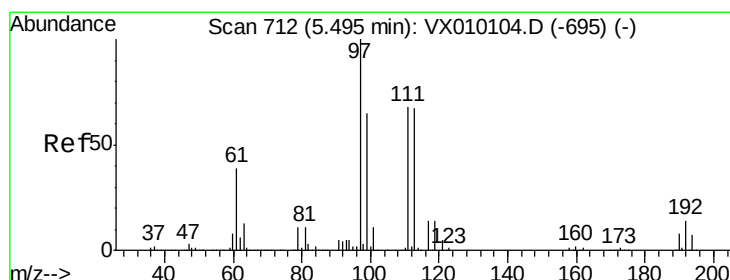
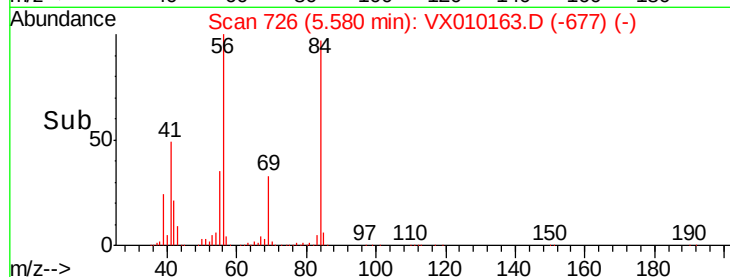
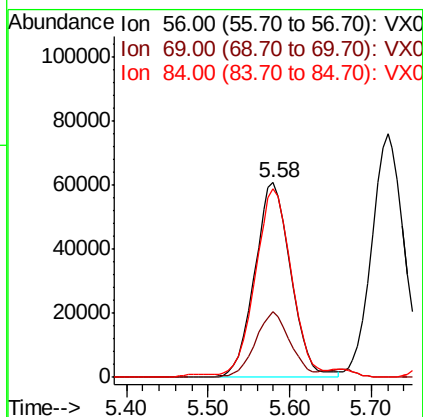
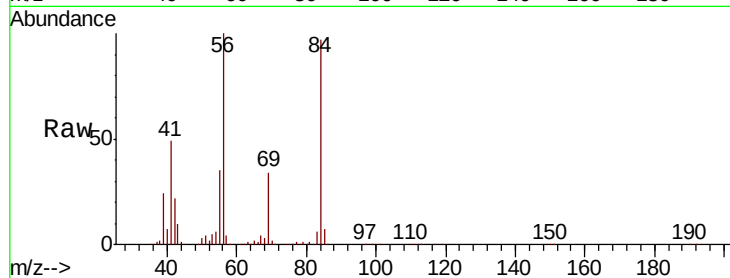




#31
Cyclohexane
Concen: 50.400 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

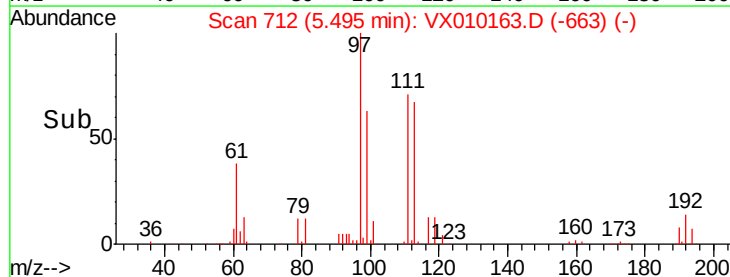
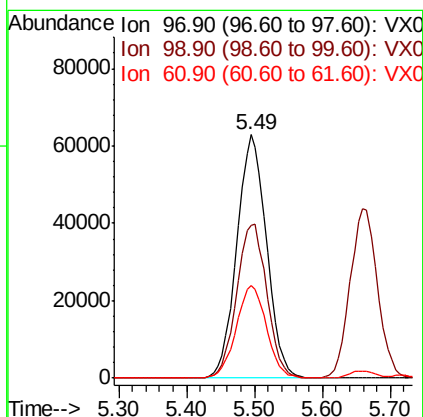
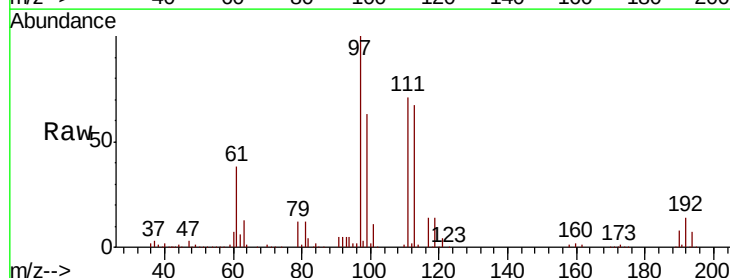
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

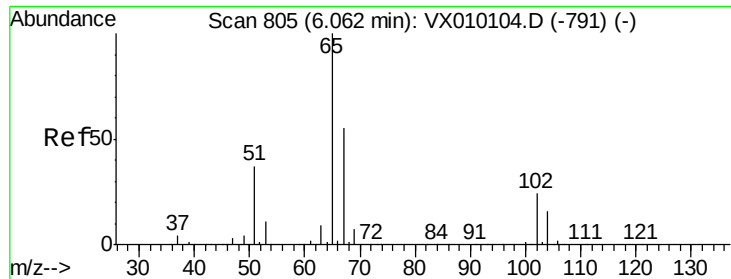
Tgt Ion: 56 Resp: 186854
Ion Ratio Lower Upper
56 100
69 33.5 21.6 32.4#
84 95.7 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 47.559 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 97 Resp: 190746
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 38.8 38.7 58.1

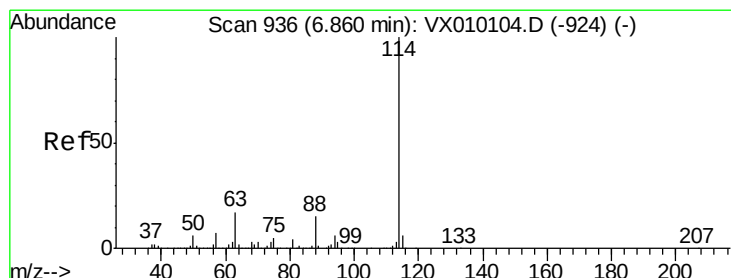
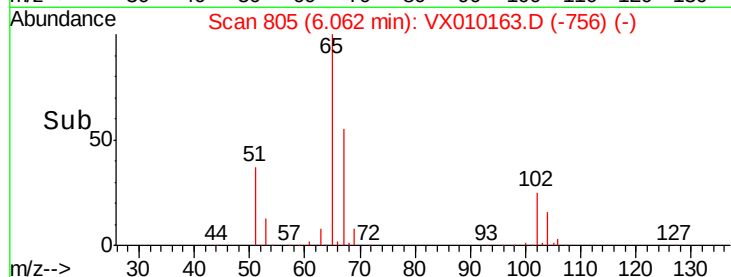
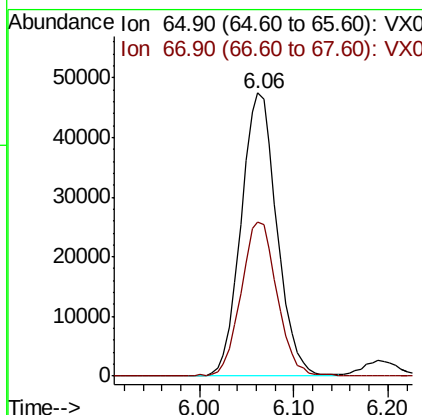
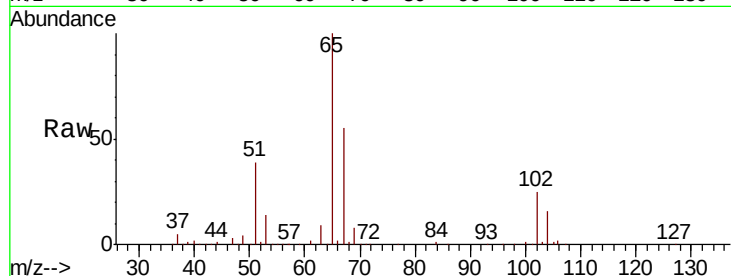




#33
 1,2-Dichloroethane-d4
 Concen: 49.552 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

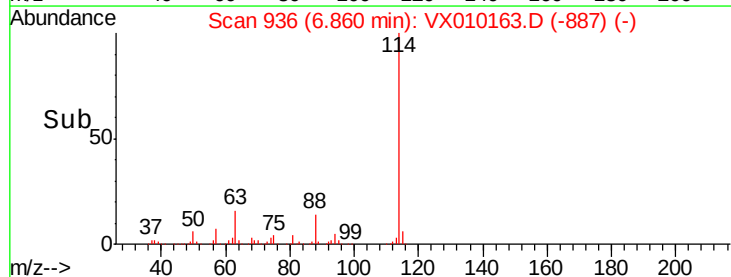
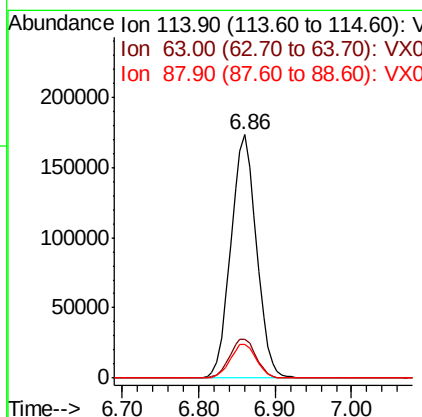
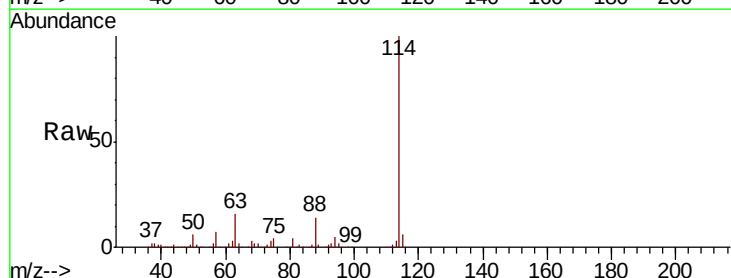
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

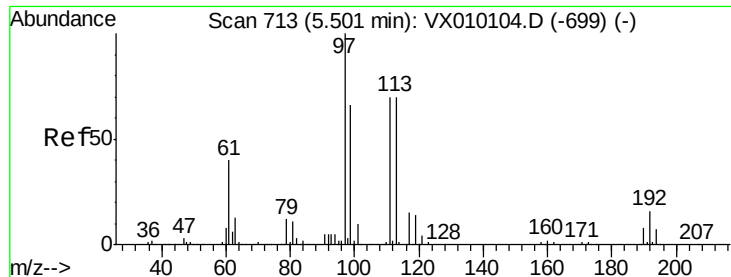
Tgt Ion: 65 Resp: 126240
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion: 114 Resp: 401907
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 47.4
 88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.557 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

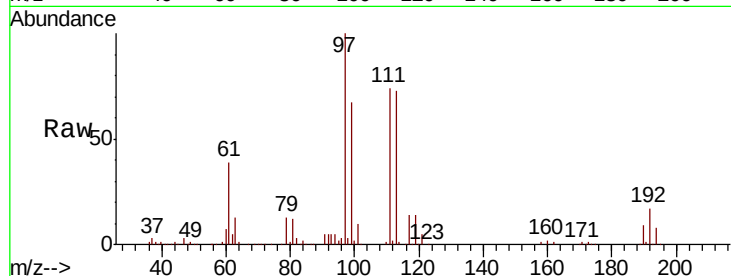
Tgt Ion:113 Resp: 125333

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

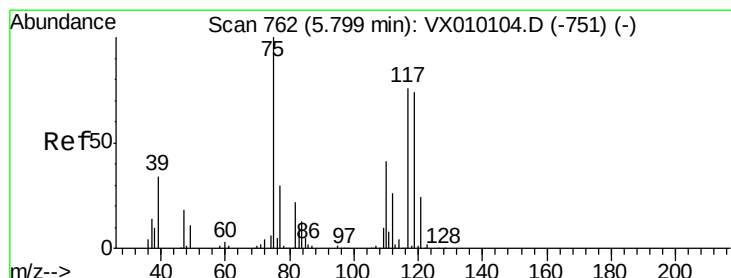
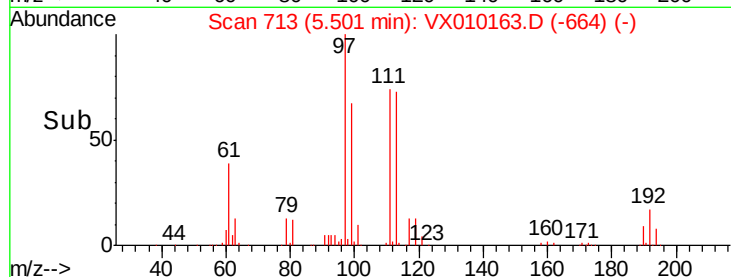
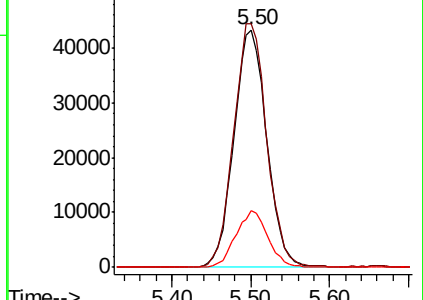
192 23.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.202 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

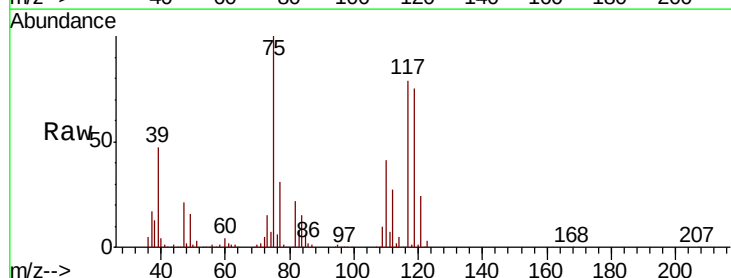
Tgt Ion: 75 Resp: 154773

Ion Ratio Lower Upper

75 100

110 41.5 16.7 50.1

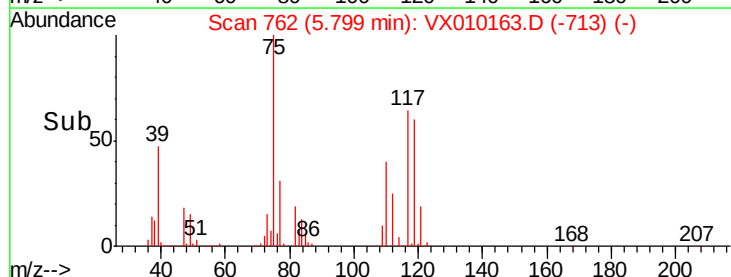
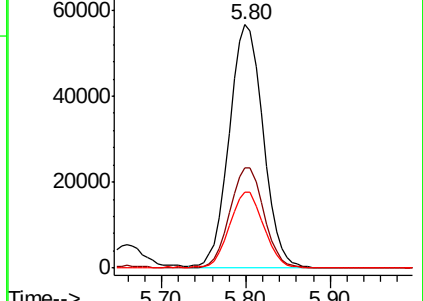
77 31.1 25.0 37.4

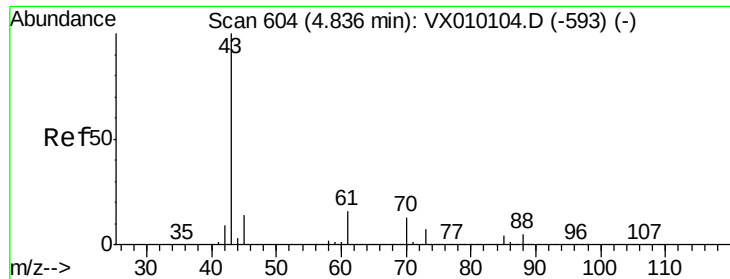


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.641 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

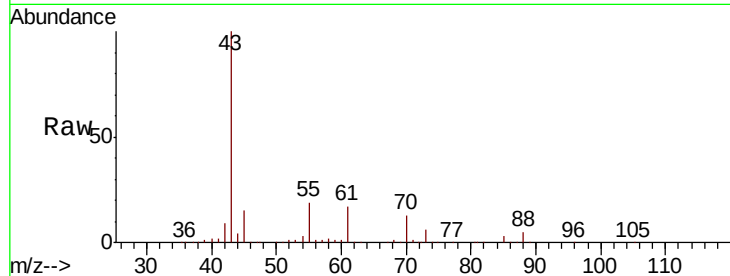
Tgt Ion: 43 Resp: 165946

Ion Ratio Lower Upper

43 100

61 16.2 10.2 15.2#

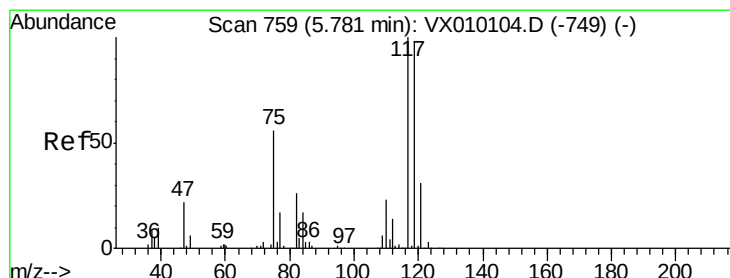
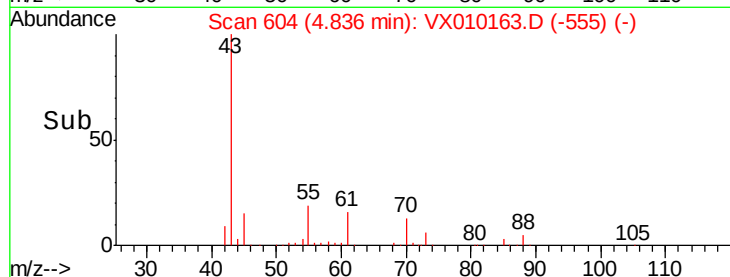
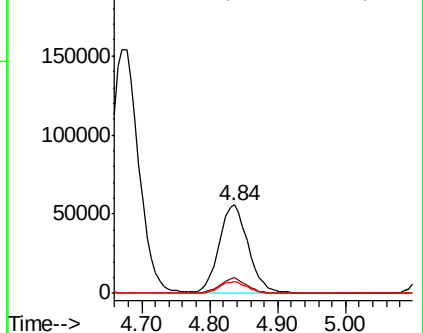
70 12.9 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.235 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

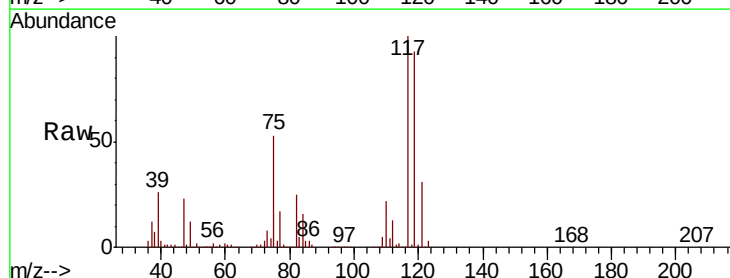
Tgt Ion: 117 Resp: 175307

Ion Ratio Lower Upper

117 100

119 93.2 77.3 115.9

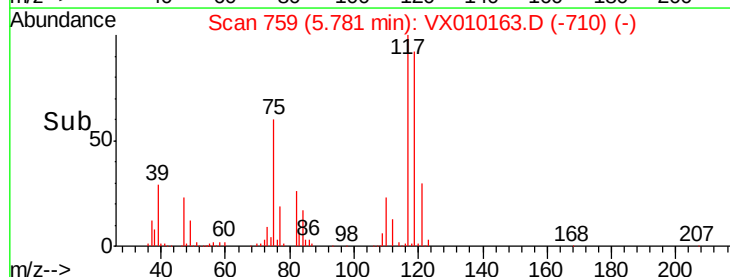
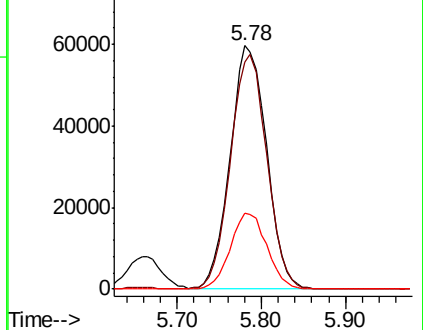
121 30.9 25.4 38.0

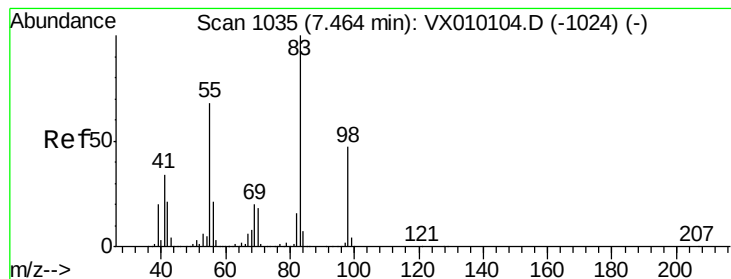


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 46.062 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

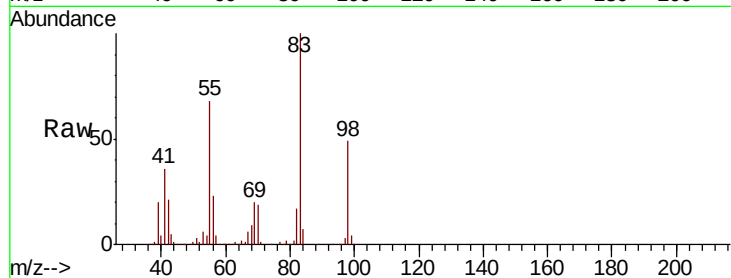
Tgt Ion: 83 Resp: 205661

Ion Ratio Lower Upper

83 100

55 67.7 69.9 104.9#

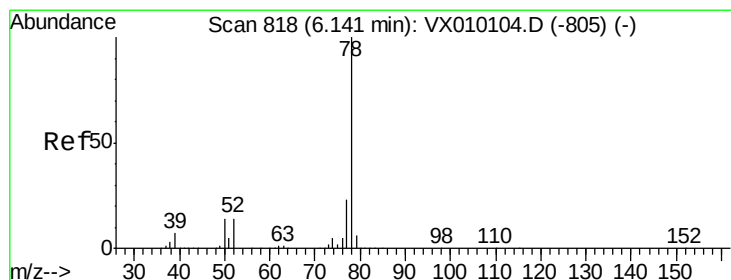
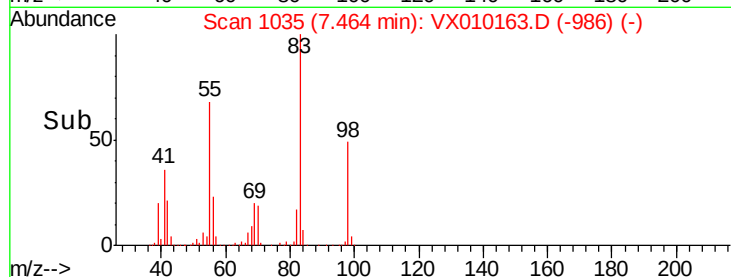
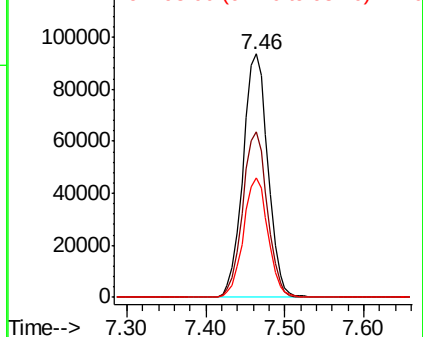
98 49.0 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.354 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010163.D

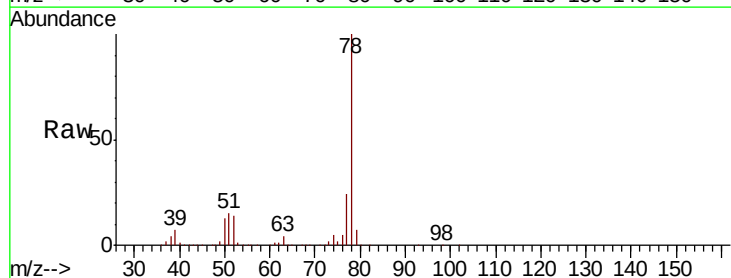
Acq: 09 Jun 2019 00:53

Tgt Ion: 78 Resp: 500410

Ion Ratio Lower Upper

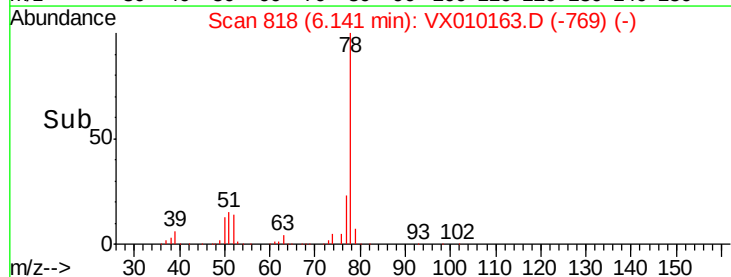
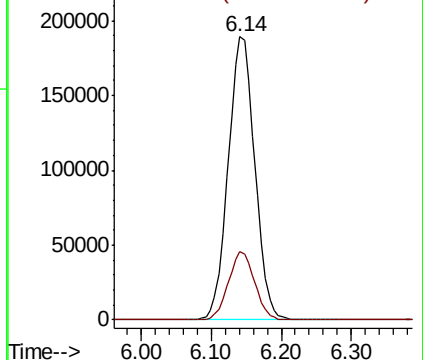
78 100

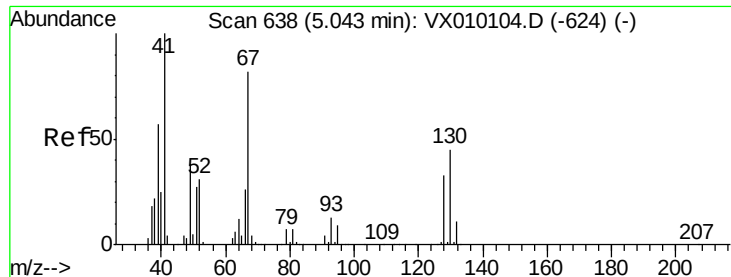
77 24.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

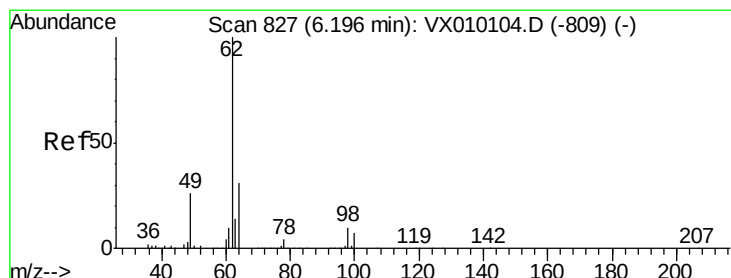
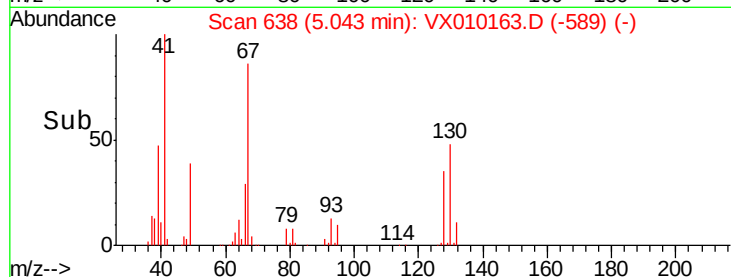
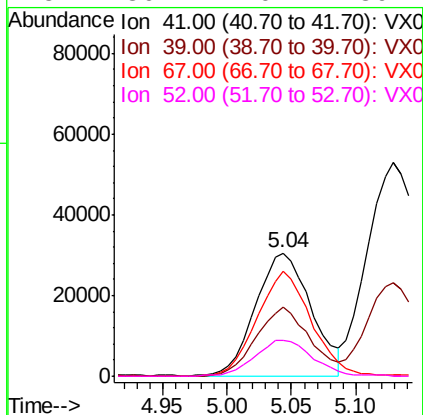
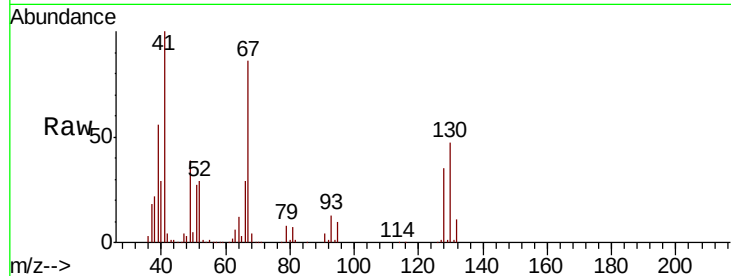




#41
Methacrylonitrile
Concen: 49.299 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

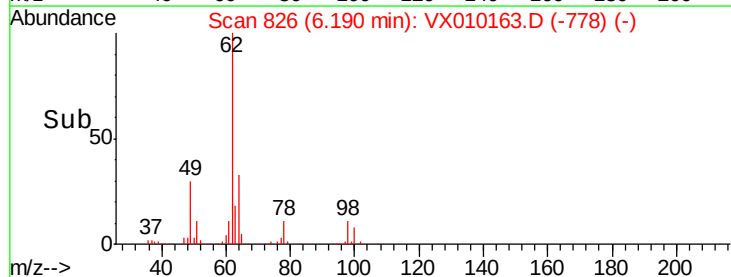
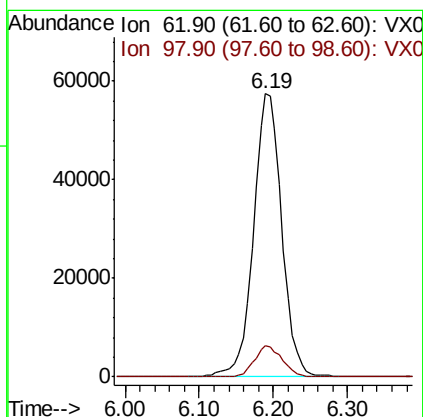
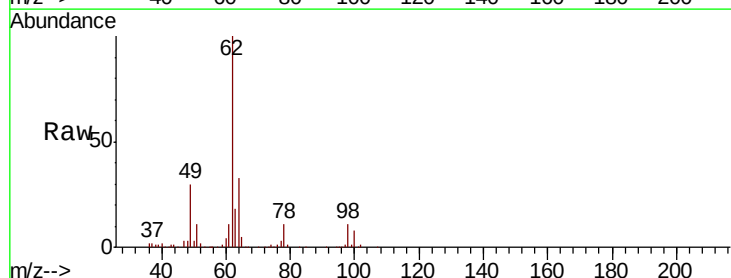
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

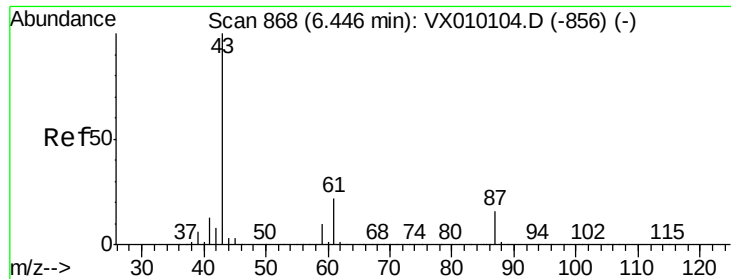
Tgt Ion: 41 Resp: 90980
Ion Ratio Lower Upper
41 100
39 53.8 42.2 63.4
67 83.8 48.9 73.3#
52 30.2 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 47.039 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 62 Resp: 152263
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.2





#43

Isopropyl Acetate

Concen: 48.448 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

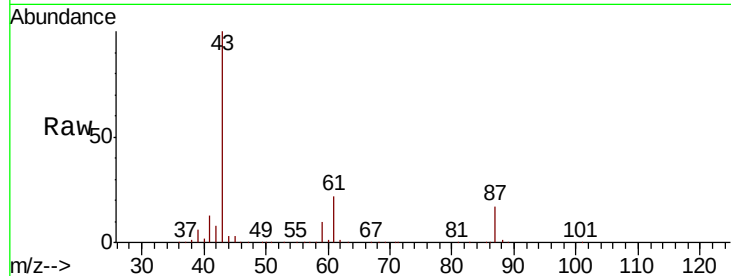
Tgt Ion: 43 Resp: 276363

Ion Ratio Lower Upper

43 100

61 22.6 14.6 21.8#

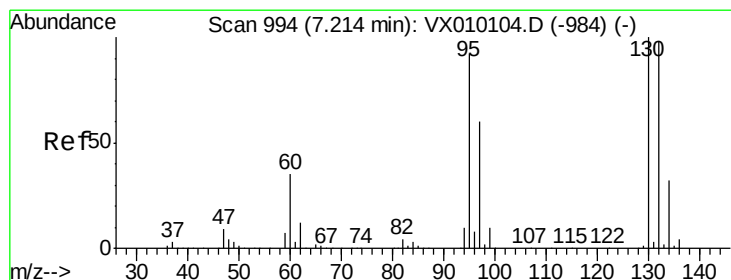
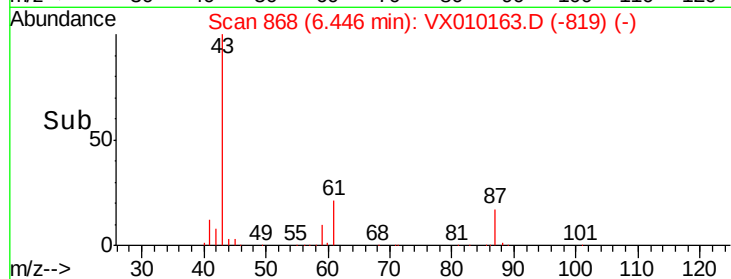
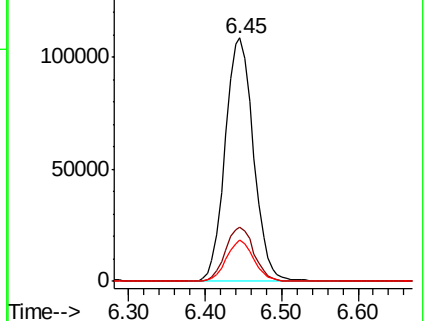
87 16.4 8.7 13.1#



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: 48.441 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010163.D

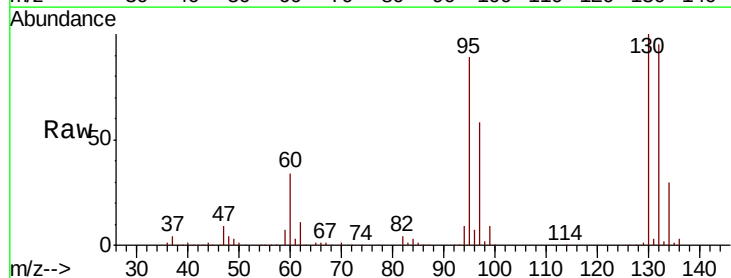
Acq: 09 Jun 2019 00:53

Tgt Ion: 130 Resp: 148046

Ion Ratio Lower Upper

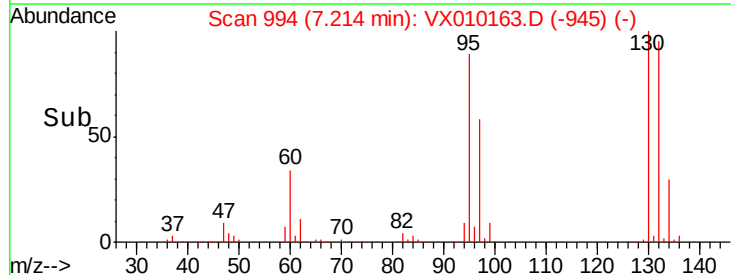
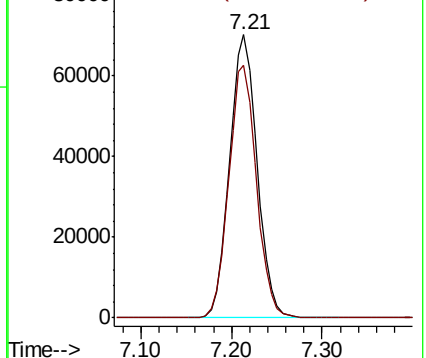
130 100

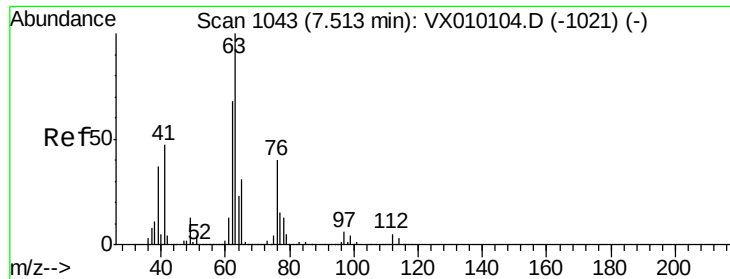
95 89.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.822 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

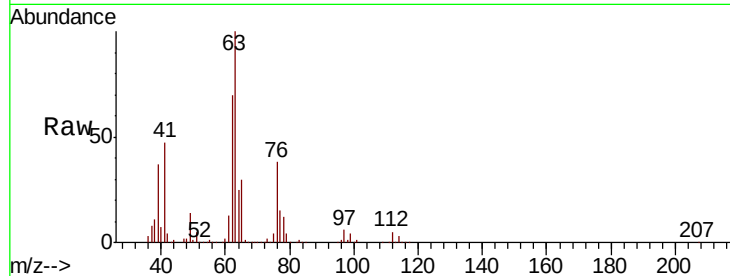
VSTDCCC050EC

Tgt Ion: 63 Resp: 123898

Ion Ratio Lower Upper

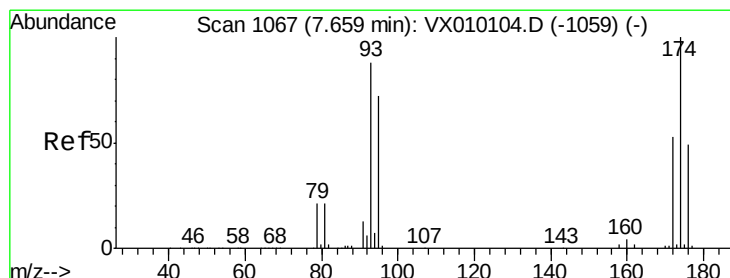
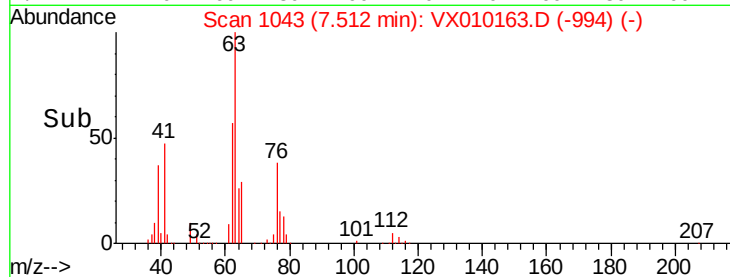
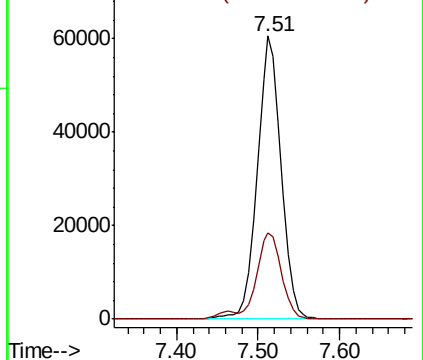
63 100

65 30.5 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.088 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

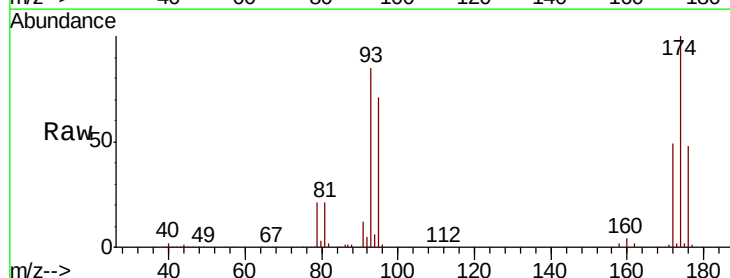
Tgt Ion: 93 Resp: 89525

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

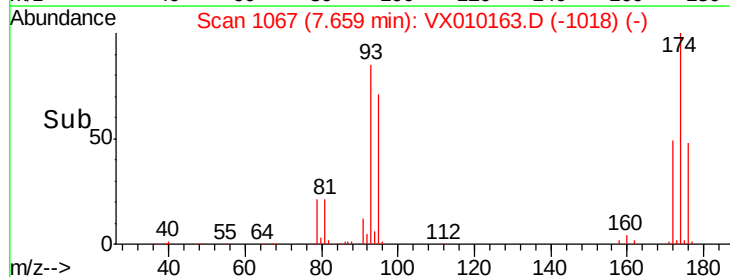
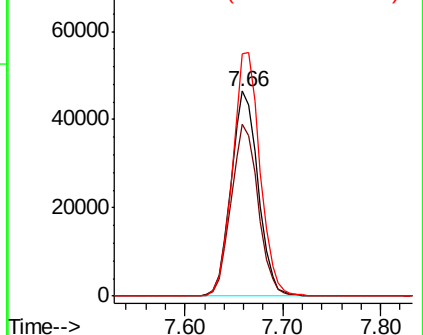
174 120.1 81.9 122.9

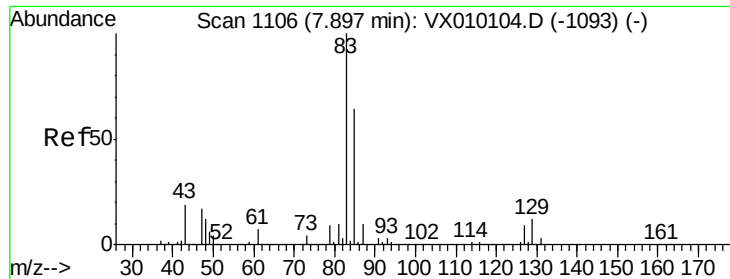


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.158 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

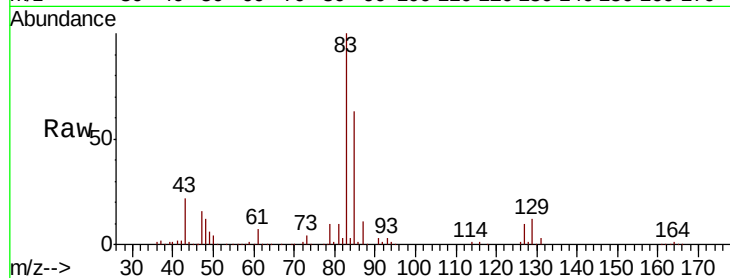
Tgt Ion: 83 Resp: 171088

Ion Ratio Lower Upper

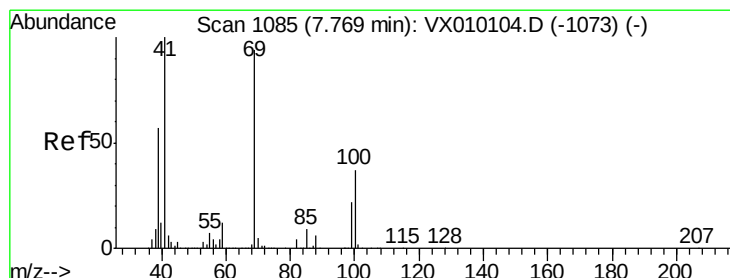
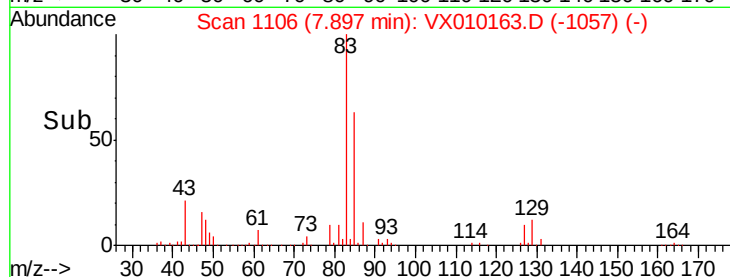
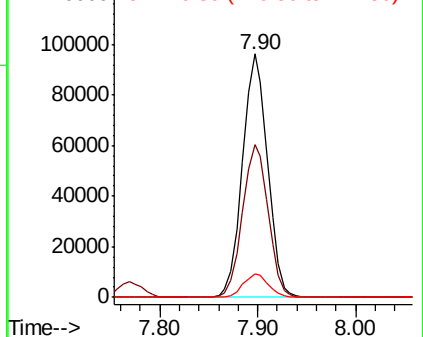
83 100

85 62.8 51.4 77.2

127 9.6 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.399 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

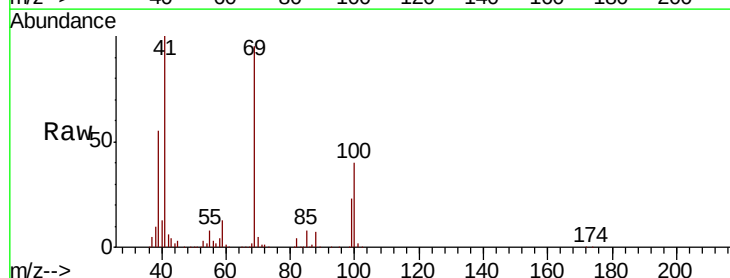
Tgt Ion: 41 Resp: 131782

Ion Ratio Lower Upper

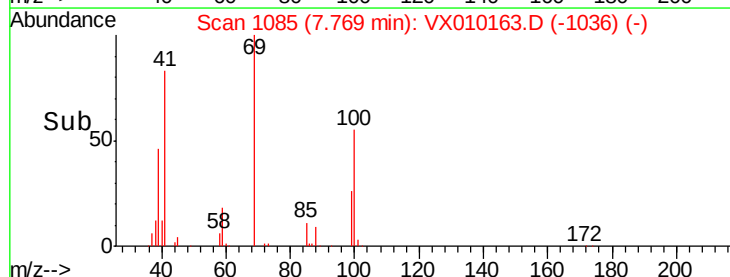
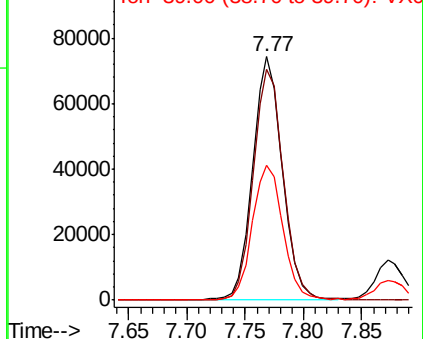
41 100

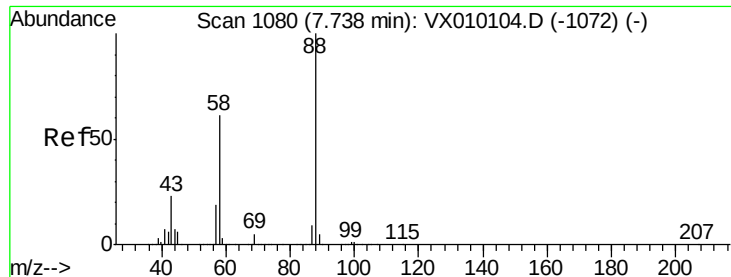
69 96.8 56.4 84.6#

39 56.9 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

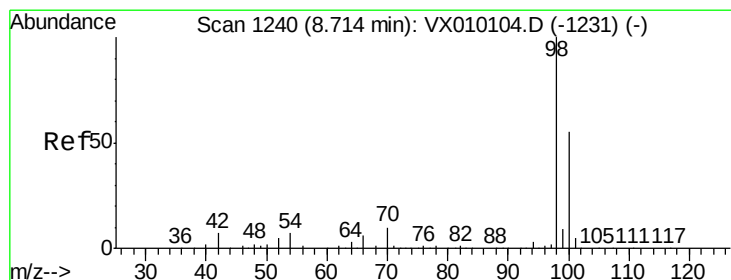
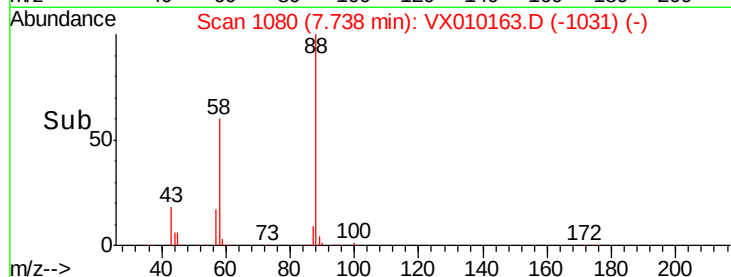
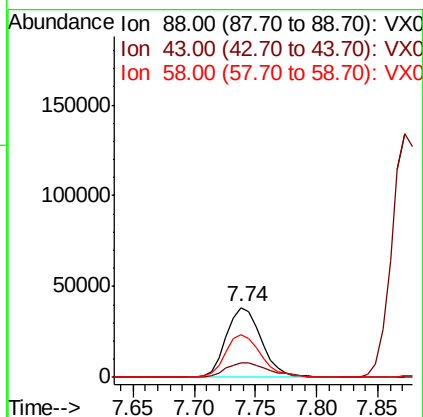
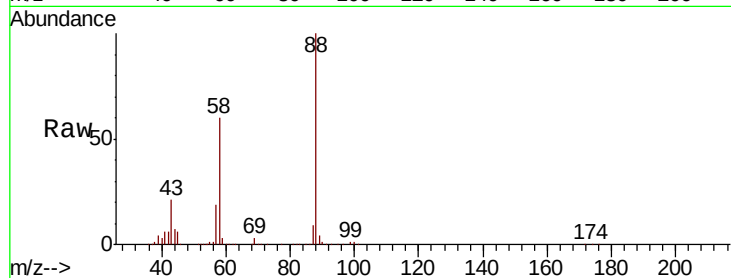




#49
1,4-Dioxane
Concen: 1010.285 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

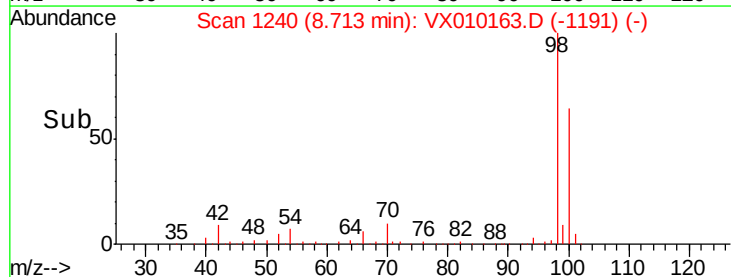
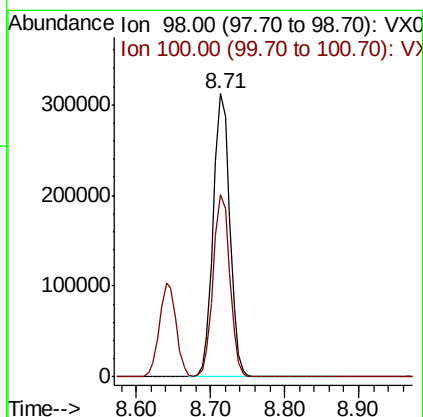
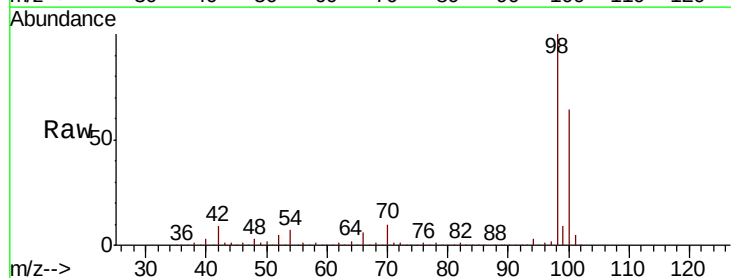
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

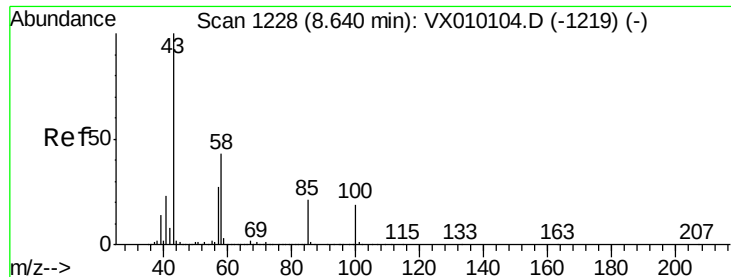
Tgt Ion: 88 Resp: 76842
Ion Ratio Lower Upper
88 100
43 25.1 30.2 45.4#
58 62.6 64.0 96.0#



#50
Toluene-d8
Concen: 51.441 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 98 Resp: 477944
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

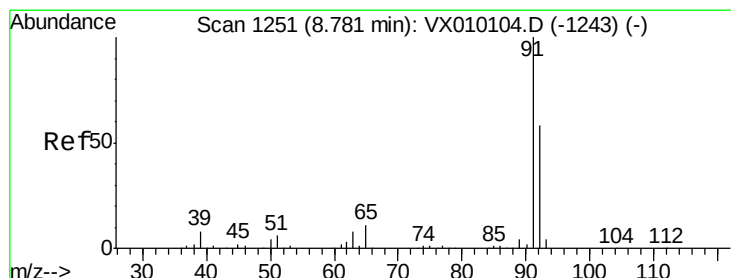
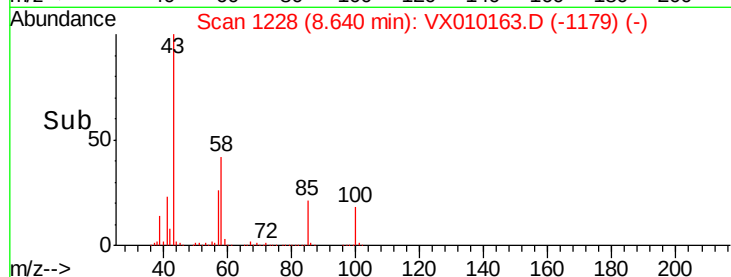
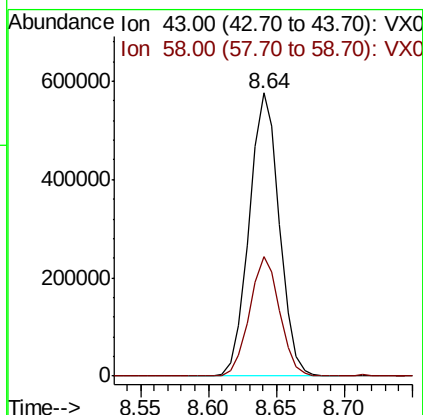
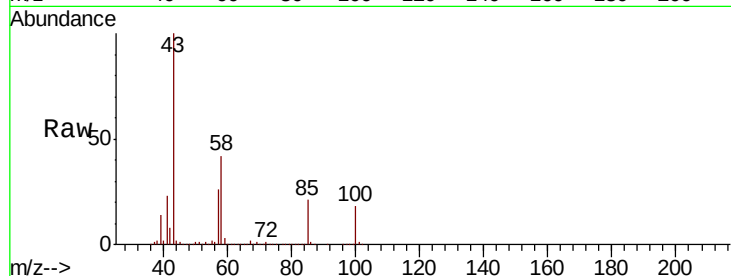




#51
 4-Methyl-2-Pentanone
 Concen: 263.015 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

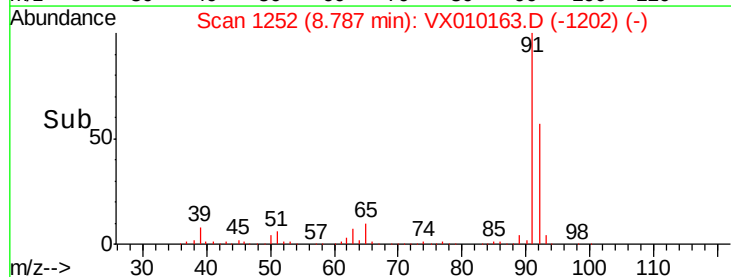
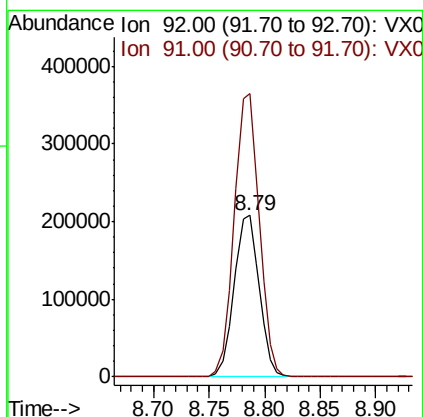
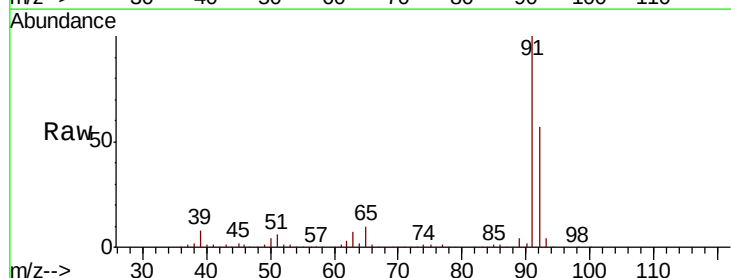
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

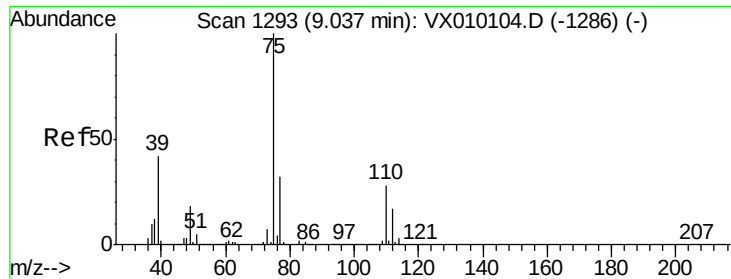
Tgt Ion: 43 Resp: 896280
 Ion Ratio Lower Upper
 43 100
 58 41.9 28.8 43.2



#52
 Toluene
 Concen: 48.693 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion: 92 Resp: 324533
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 45.277 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

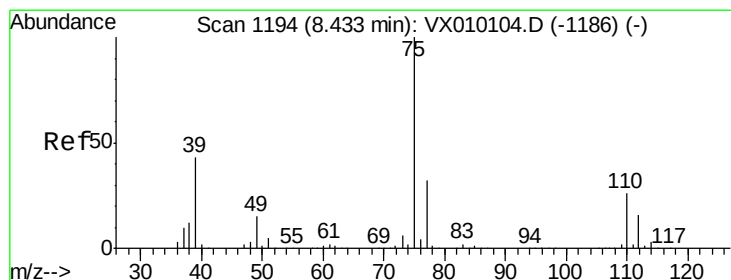
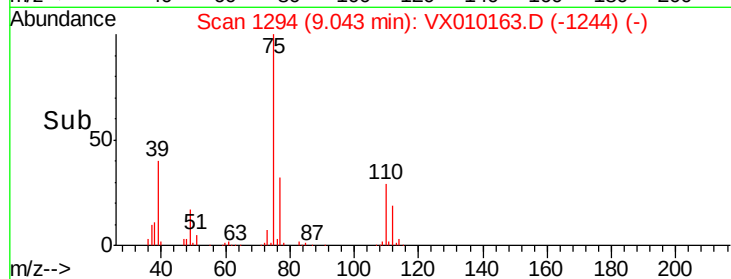
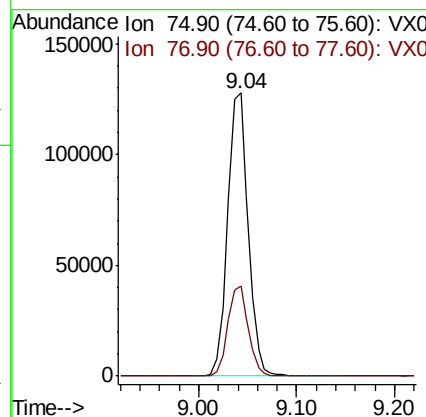
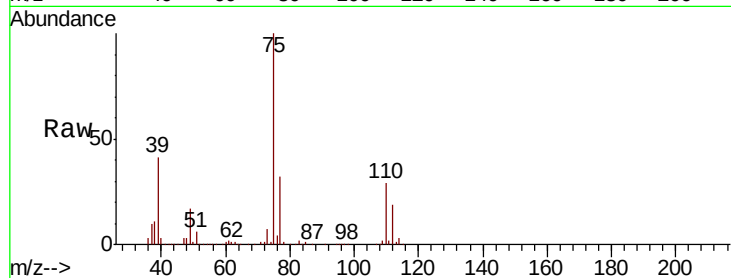
VSTDCCC050EC

Tgt Ion: 75 Resp: 186053

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 45.759 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

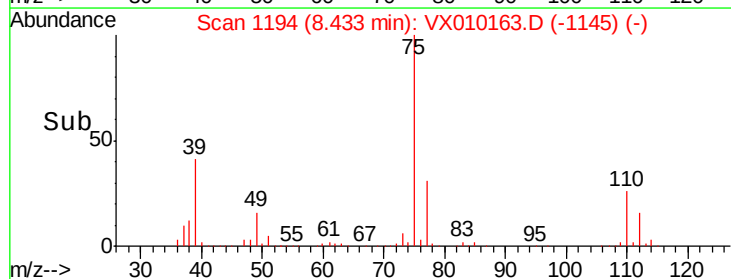
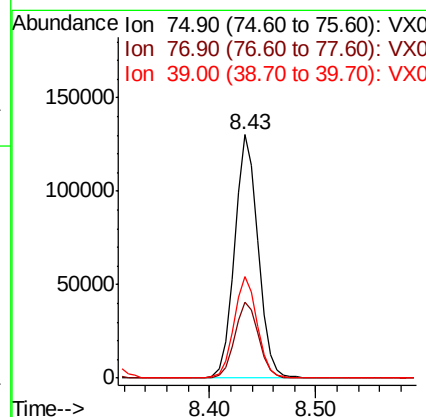
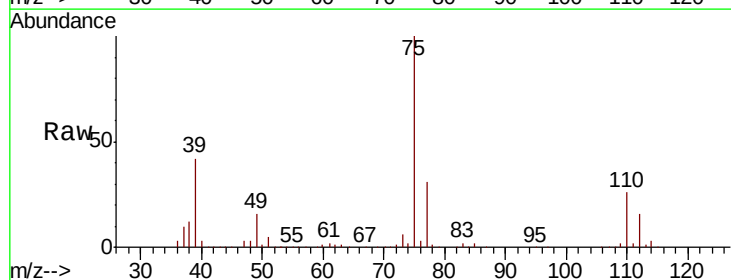
Tgt Ion: 75 Resp: 201581

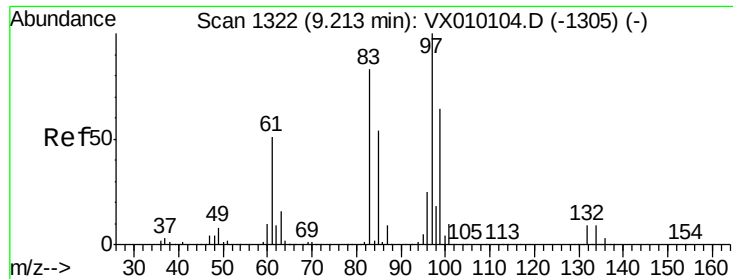
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 41.5 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 50.304 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 137308

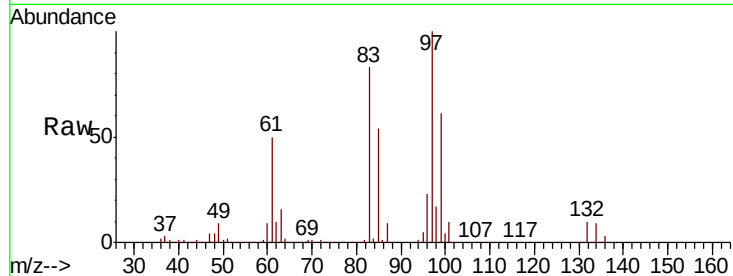
Ion Ratio Lower Upper

97 100

83 82.9 69.8 104.8

85 53.6 45.3 67.9

99 61.2 49.0 73.4

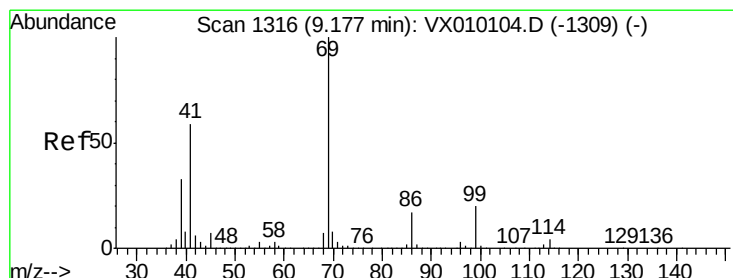
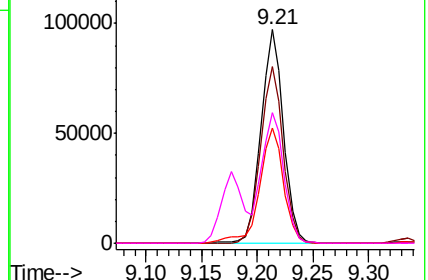
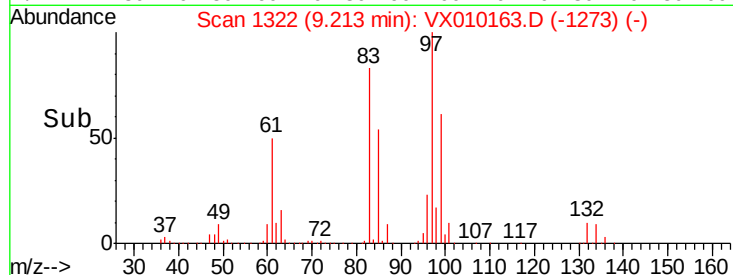


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.107 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

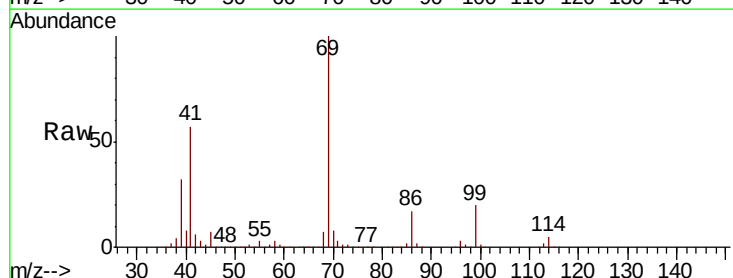
Tgt Ion: 69 Resp: 216050

Ion Ratio Lower Upper

69 100

41 57.8 62.7 94.1#

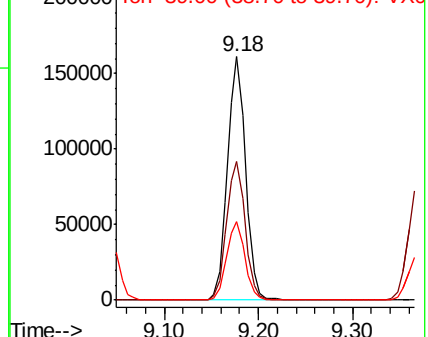
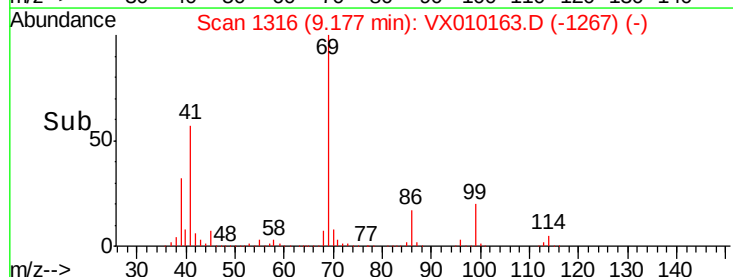
39 32.1 29.5 44.3

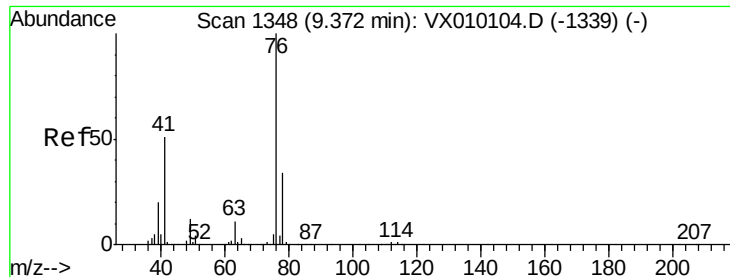


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.626 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

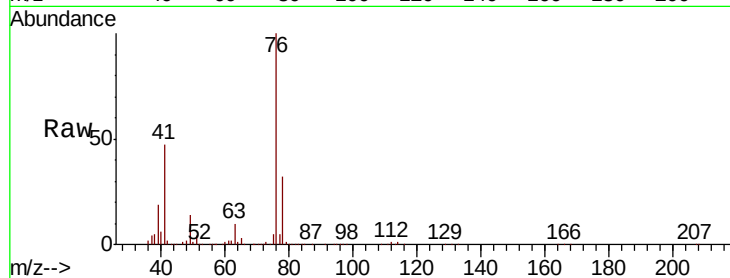
VSTDCCC050EC

Tgt Ion: 76 Resp: 213257

Ion Ratio Lower Upper

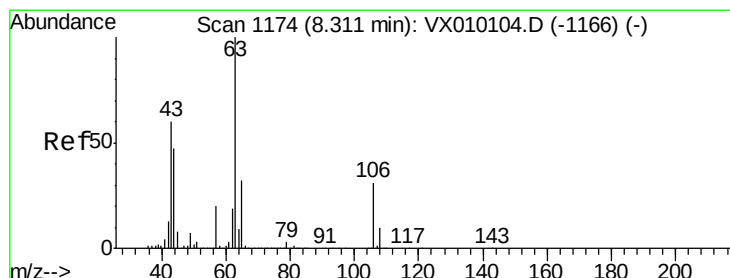
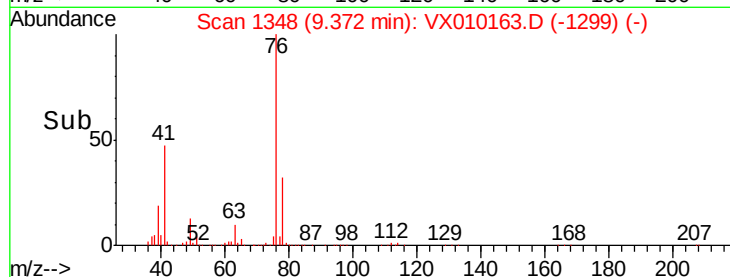
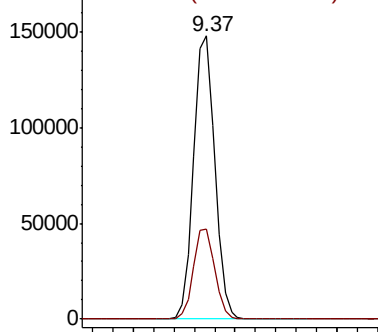
76 100

78 32.2 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: 246.955 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010163.D

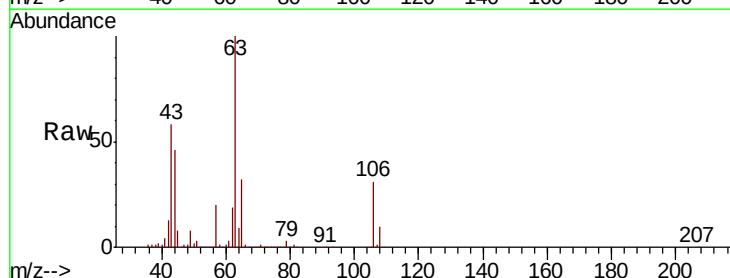
Acq: 09 Jun 2019 00:53

Tgt Ion: 63 Resp: 501979

Ion Ratio Lower Upper

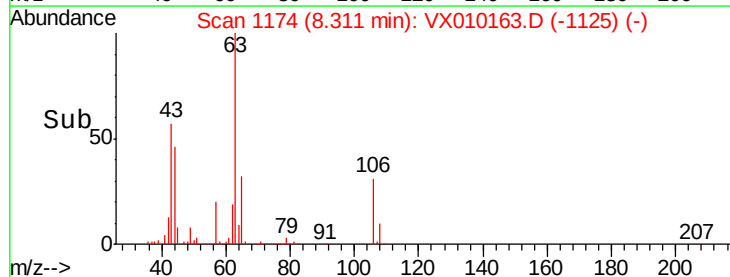
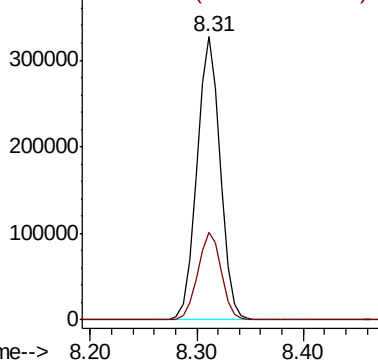
63 100

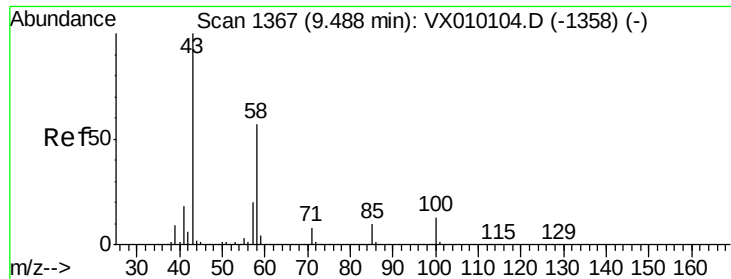
106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

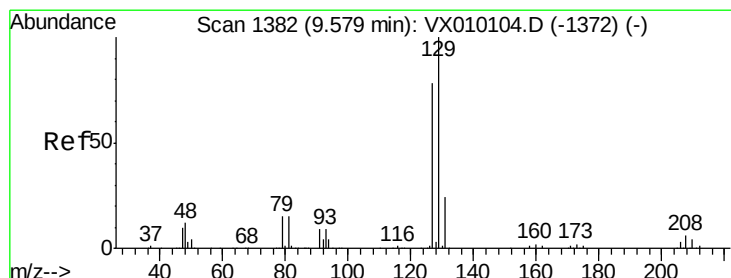
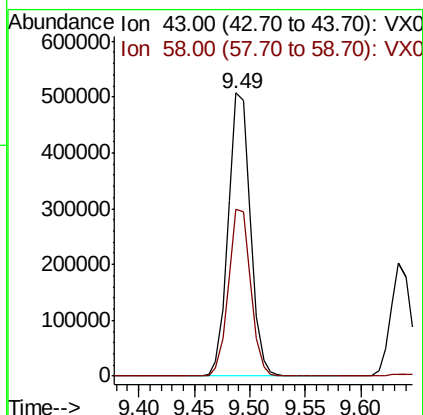
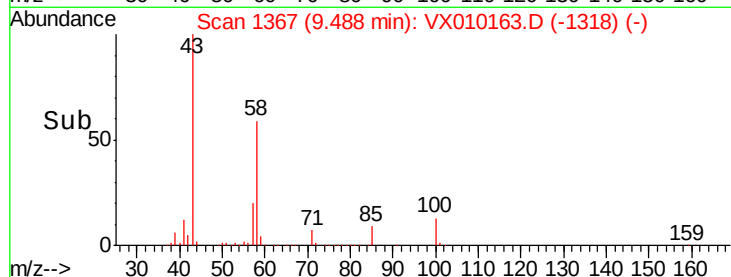
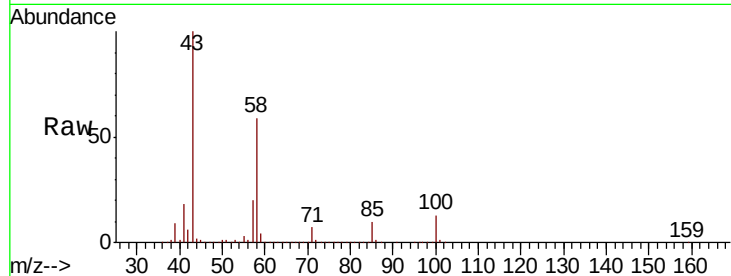




#59
2-Hexanone
Concen: 256.988 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

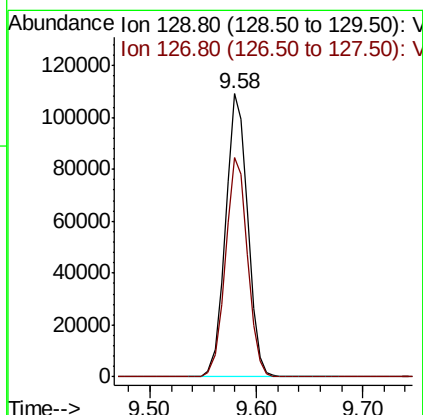
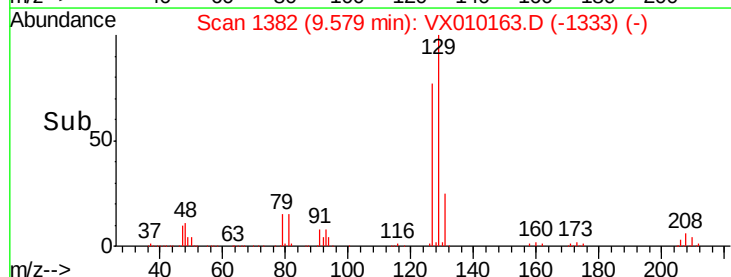
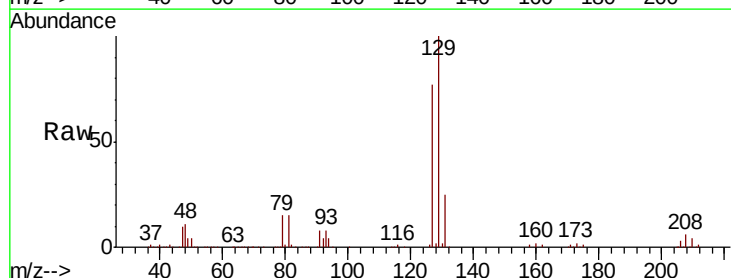
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

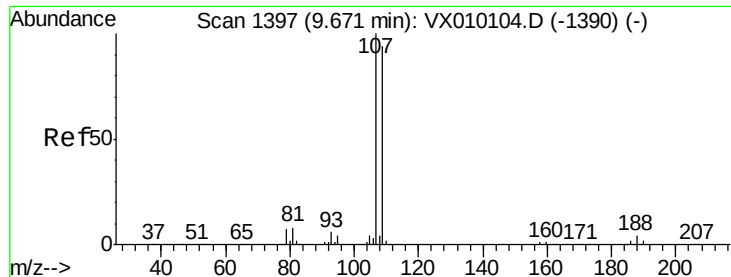
Tgt Ion: 43 Resp: 698240
Ion Ratio Lower Upper
43 100
58 59.3 25.1 75.3



#60
Dibromochloromethane
Concen: 49.199 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 129 Resp: 158843
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.126 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

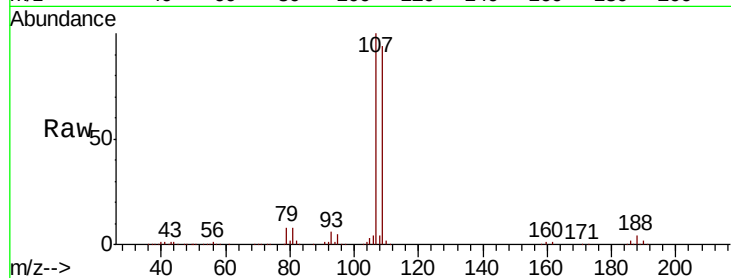
VSTDCCC050EC

Tgt Ion: 107 Resp: 149346

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

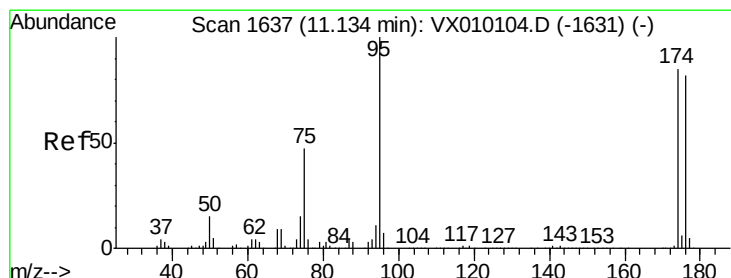
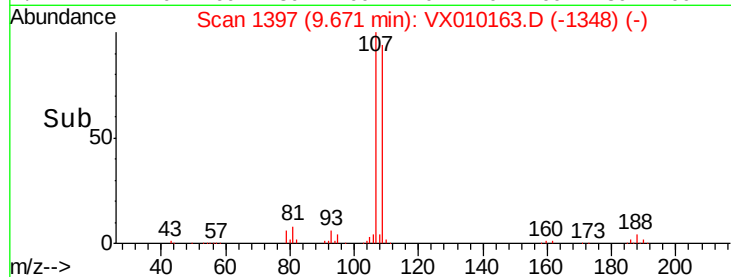
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

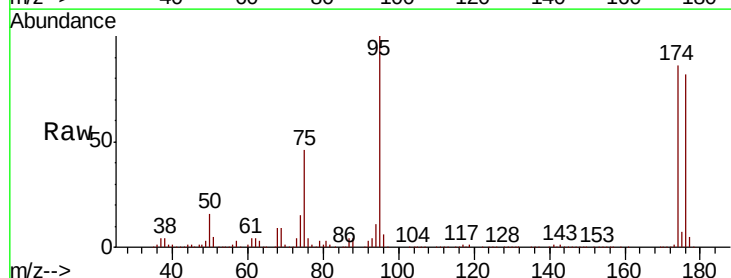
Tgt Ion: 95 Resp: 179655

Ion Ratio Lower Upper

95 100

174 92.0 0.0 160.4

176 88.8 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

200000

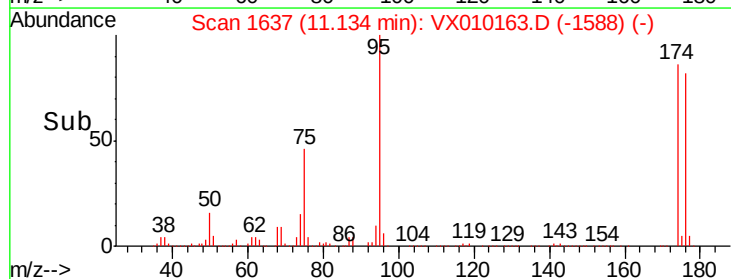
150000

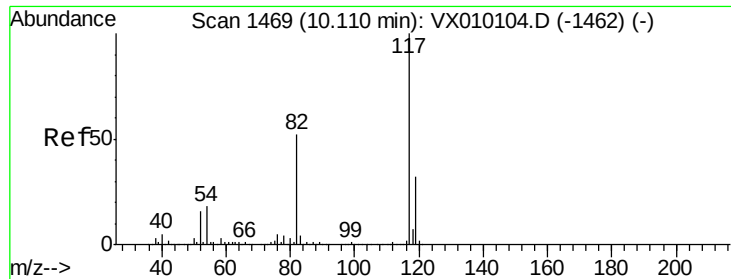
100000

50000

0

Time-->

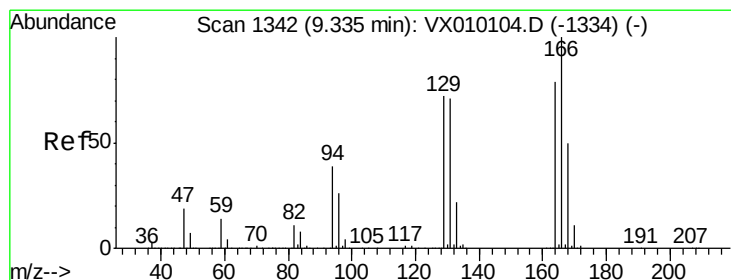
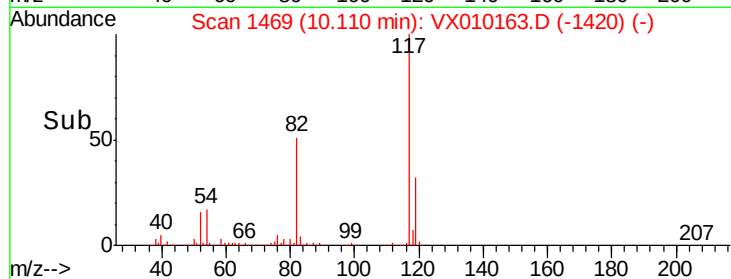
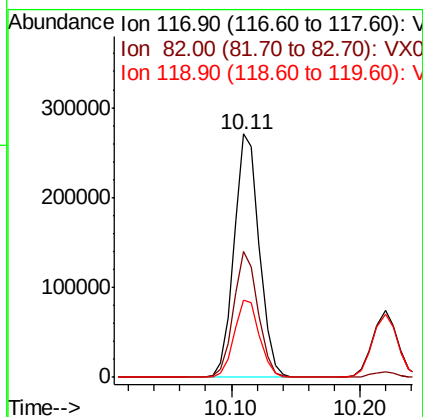
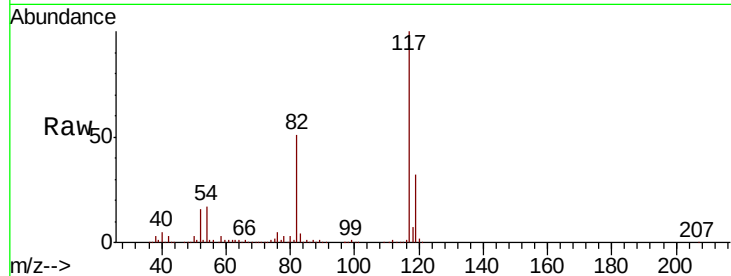




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

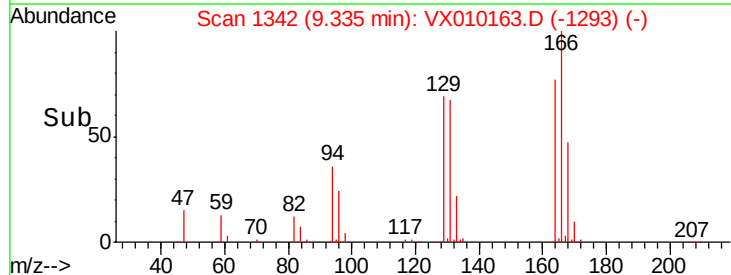
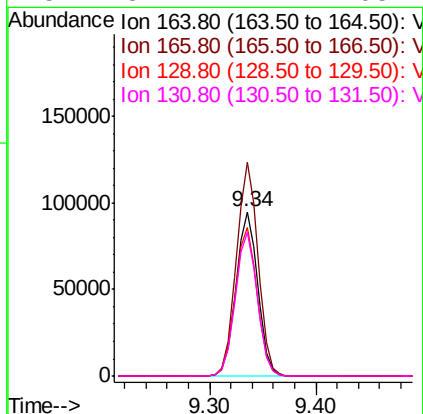
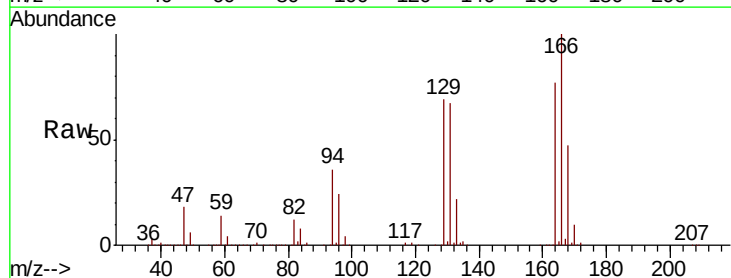
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

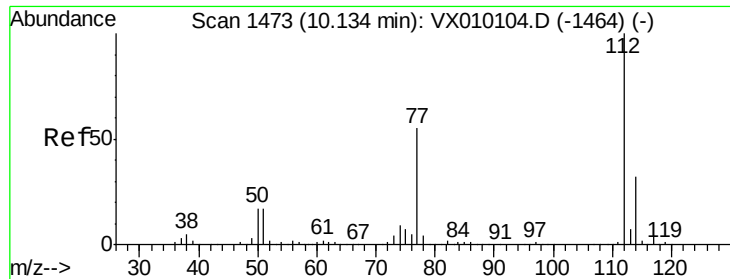
Tgt Ion:117 Resp: 368098
Ion Ratio Lower Upper
117 100
82 51.4 49.2 73.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 49.739 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion:164 Resp: 135984
Ion Ratio Lower Upper
164 100
166 130.3 105.0 157.4
129 90.3 75.1 112.7
131 87.1 72.2 108.4

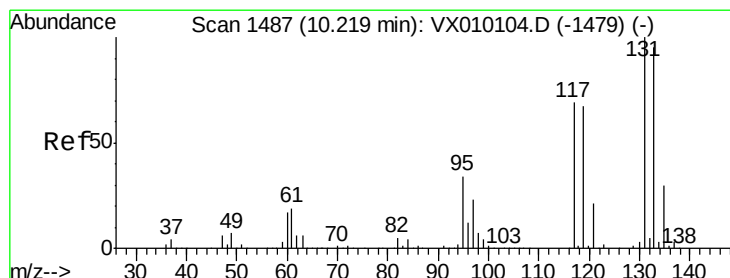
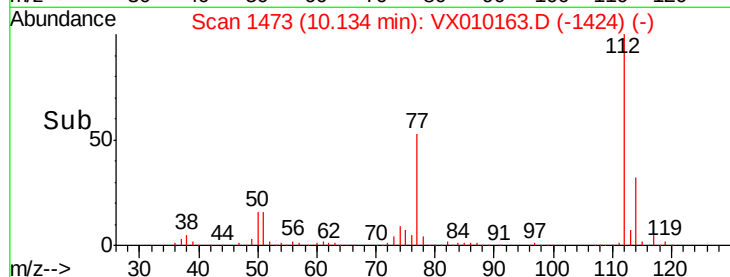
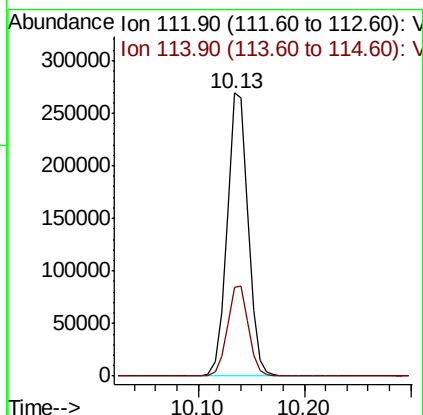
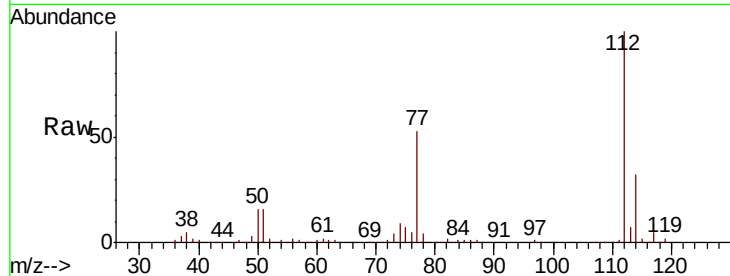




#65
Chlorobenzene
Concen: 48.907 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

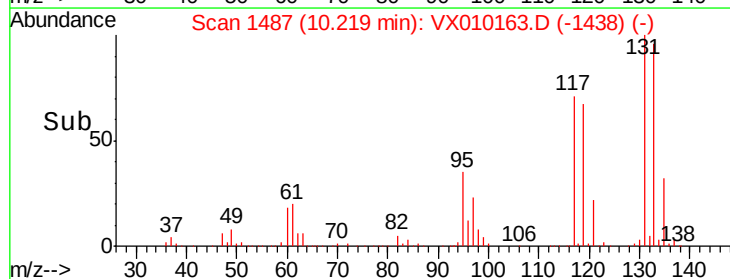
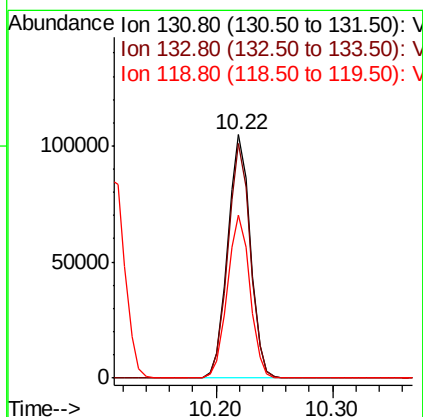
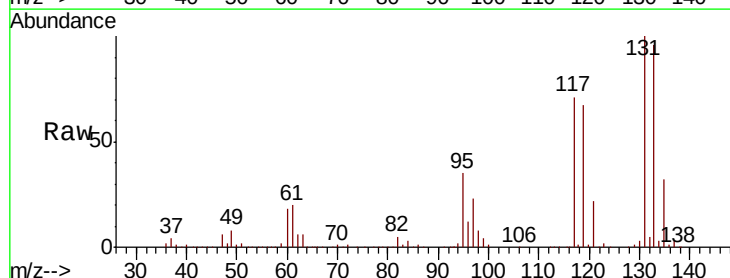
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

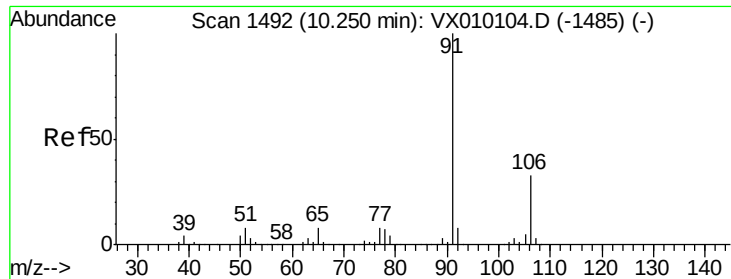
Tgt Ion:112 Resp: 371562
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.404 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion:131 Resp: 141417
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 67.1 33.4 100.1

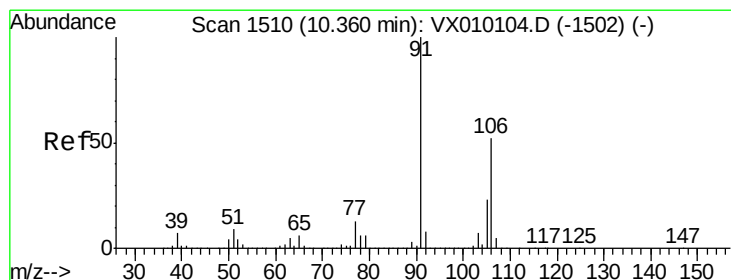
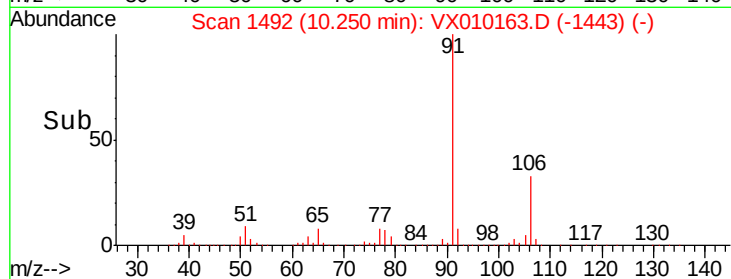
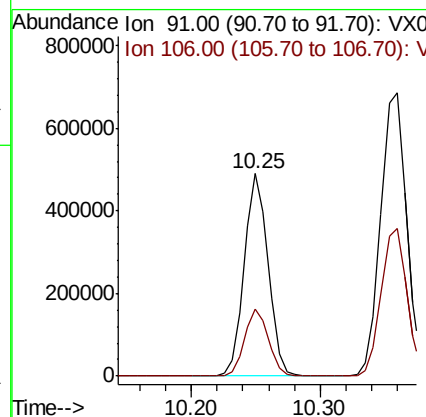
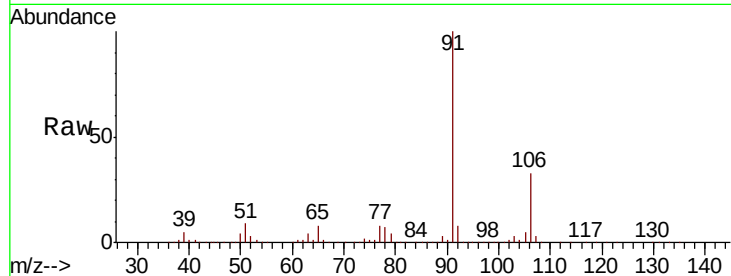




#67
Ethyl Benzene
Concen: 48.414 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

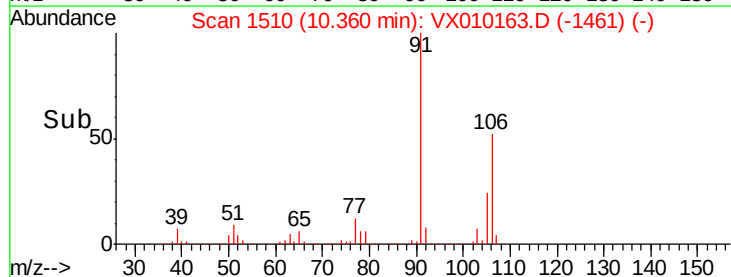
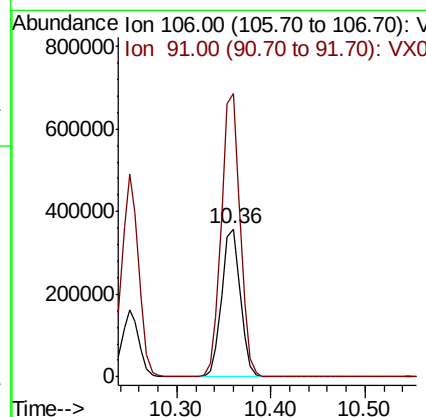
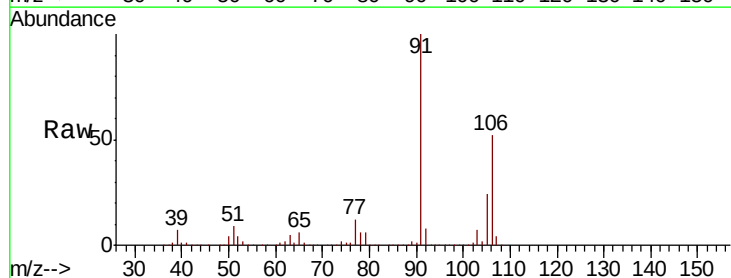
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

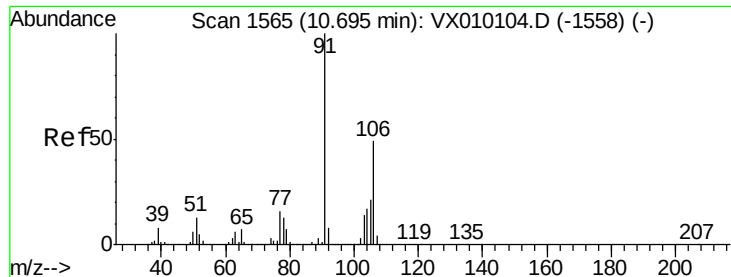
Tgt Ion: 91 Resp: 626143
Ion Ratio Lower Upper
91 100
106 33.0 23.9 35.9



#68
m/p-Xylenes
Concen: 98.989 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 106 Resp: 495417
Ion Ratio Lower Upper
106 100
91 192.0 167.3 250.9

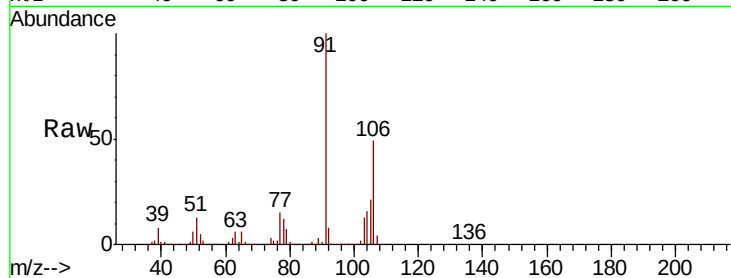




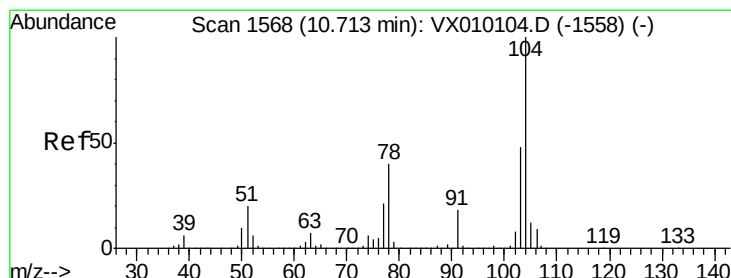
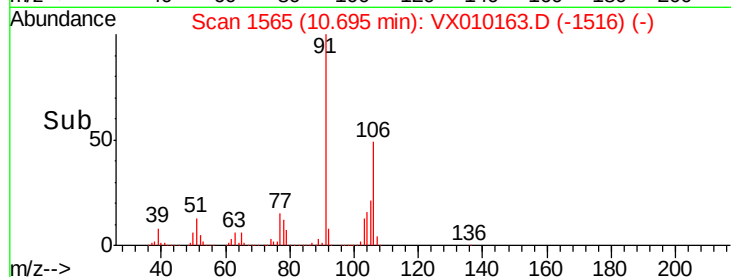
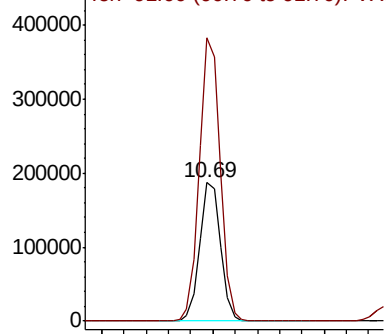
#69
o-Xylene
Concen: 48.854 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 243046
Ion Ratio Lower Upper
106 100
91 203.8 110.4 331.2

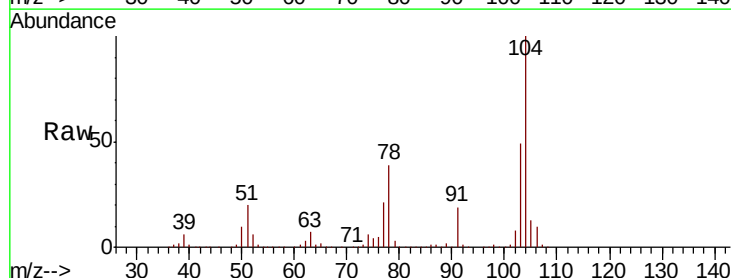


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

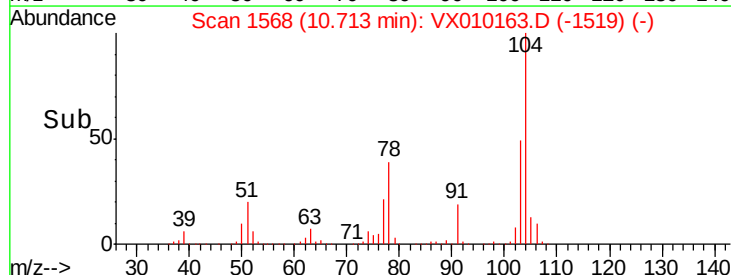
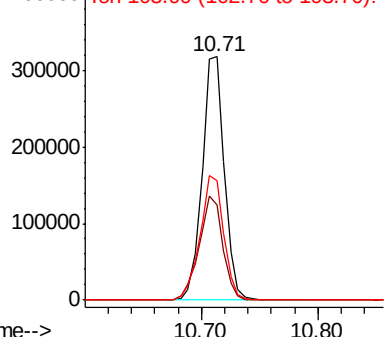


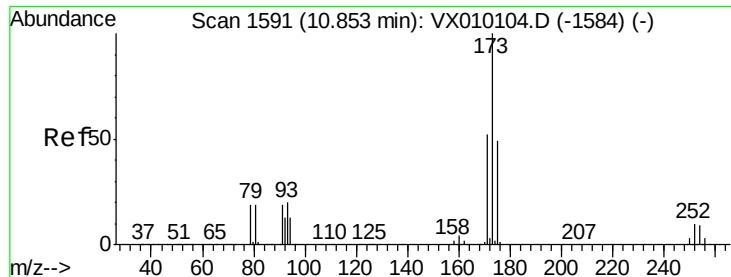
#70
Styrene
Concen: 49.962 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion:104 Resp: 420976
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 54.7 44.1 66.1



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





#71

Bromoform

Concen: 49.679 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

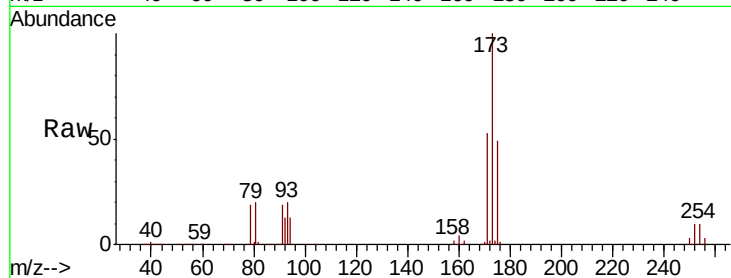
Tgt Ion:173 Resp: 133430

Ion Ratio Lower Upper

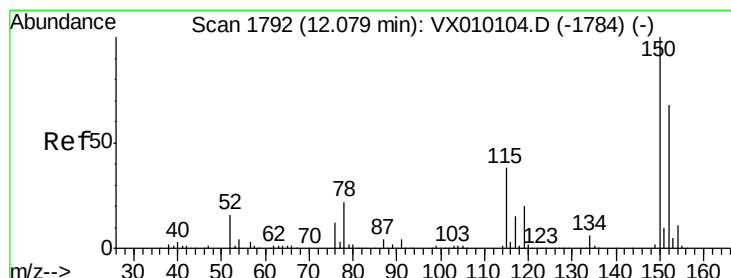
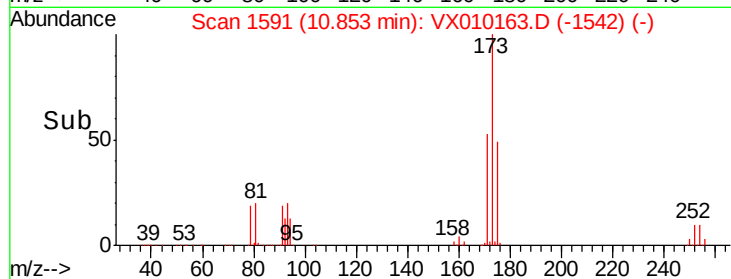
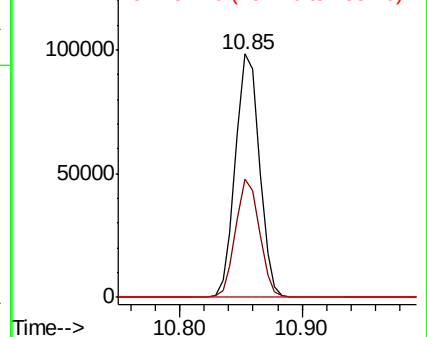
173 100

175 48.3 25.0 75.0

254 0.2 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: VX010163.D

Acq: 09 Jun 2019 00:53

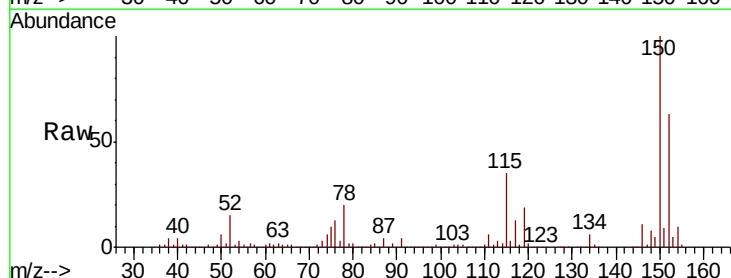
Tgt Ion:152 Resp: 190969

Ion Ratio Lower Upper

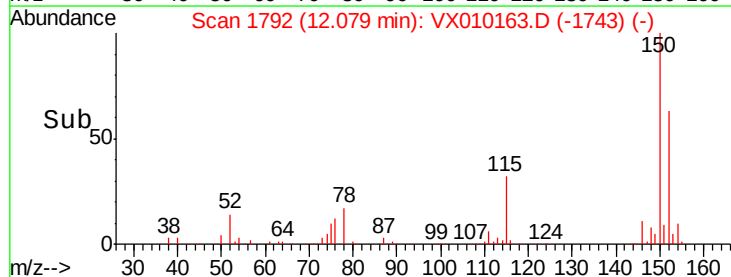
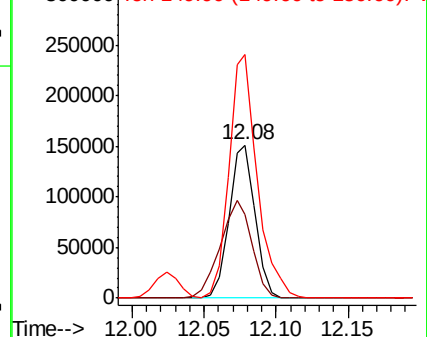
152 100

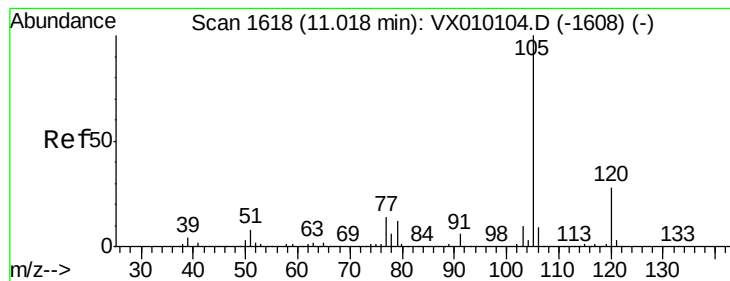
115 77.4 41.4 124.2

150 173.6 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: 47.976 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

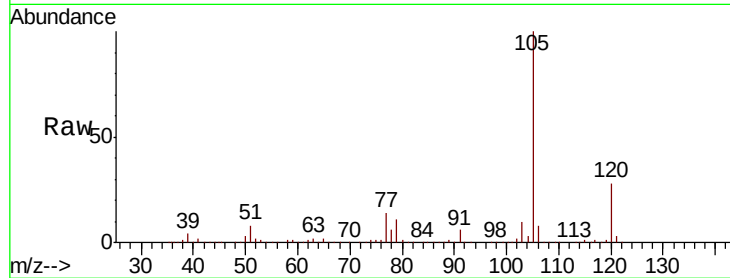
VSTDCCC050EC

Tgt Ion: 105 Resp: 639570

Ion Ratio Lower Upper

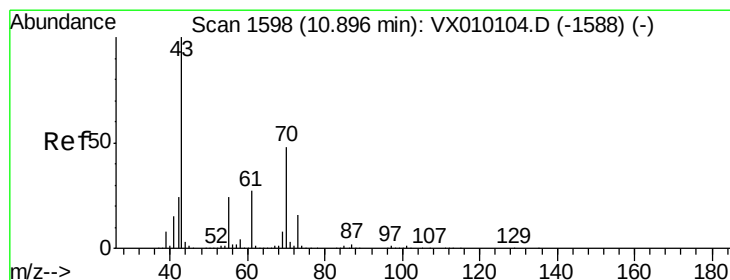
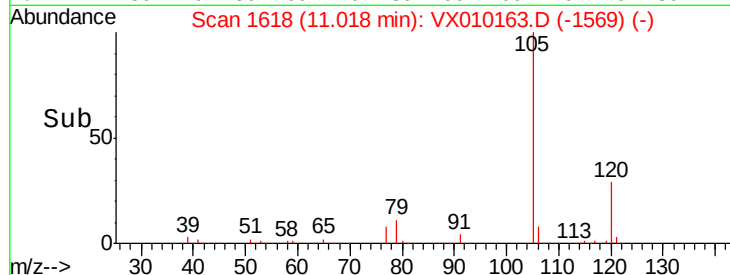
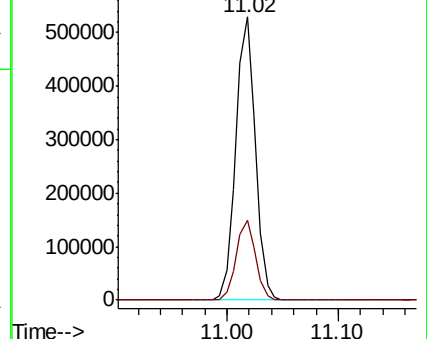
105 100

120 27.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.534 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Tgt Ion: 43 Resp: 255758

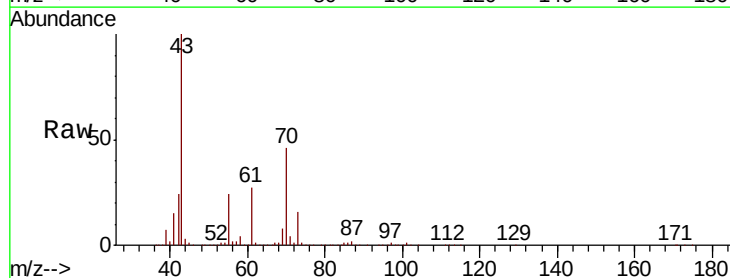
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 24.0 17.8 26.8

61 26.4 17.7 26.5

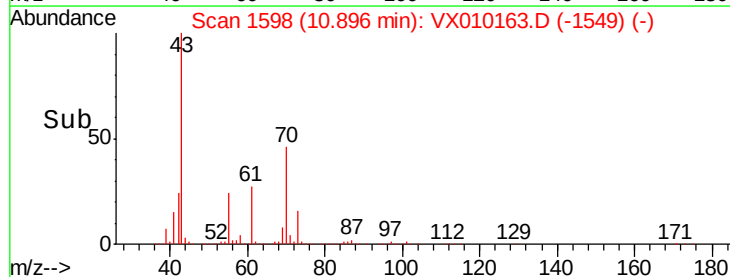
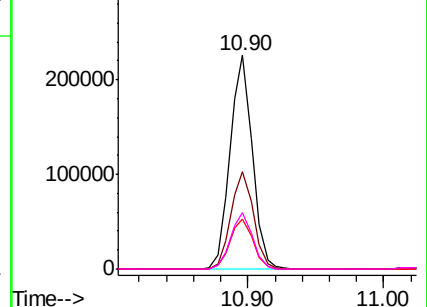


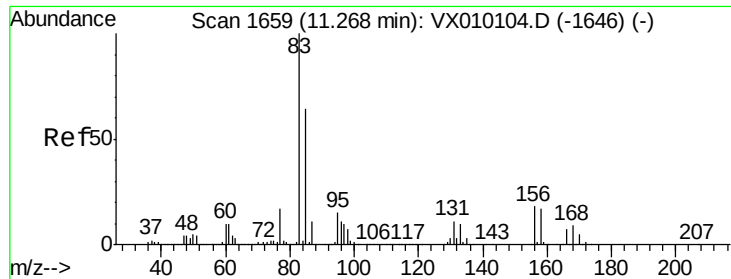
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

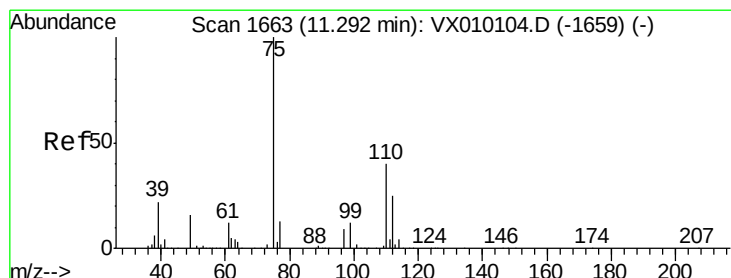
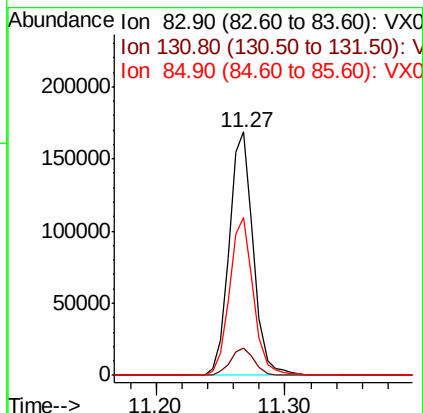
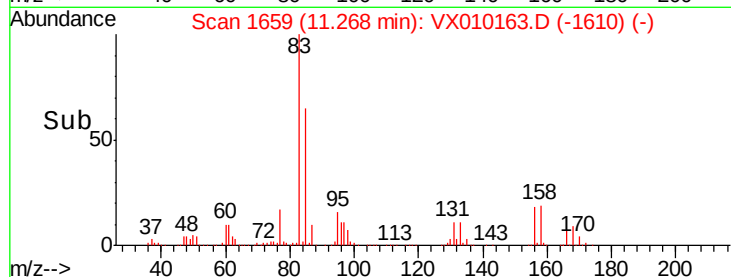
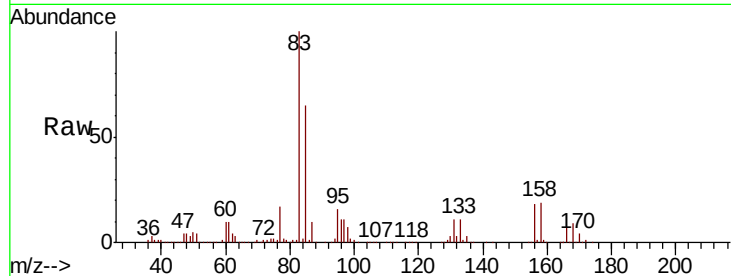
Tgt Ion: 83 Resp: 220534

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.627 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010163.D

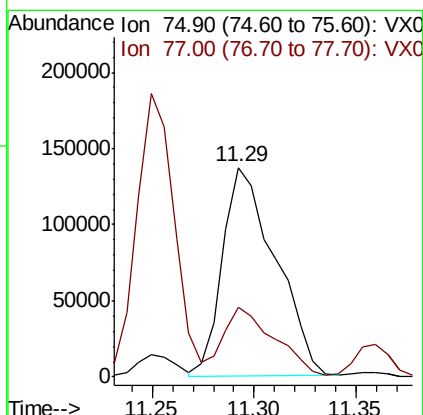
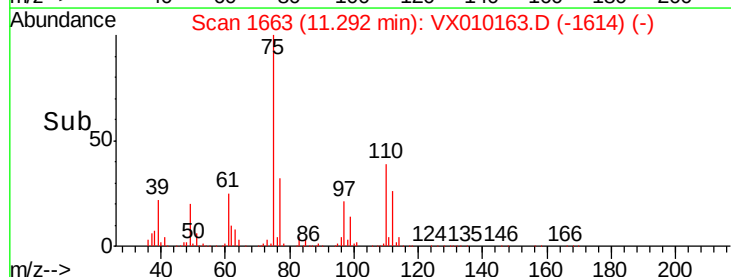
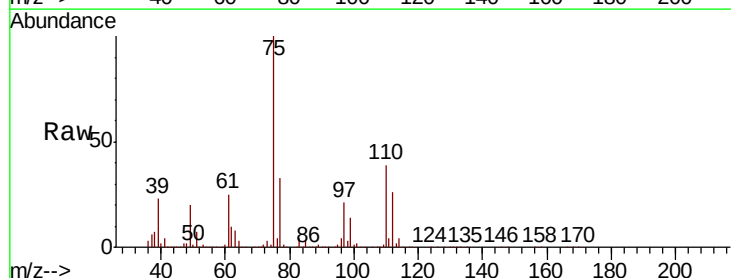
Acq: 09 Jun 2019 00:53

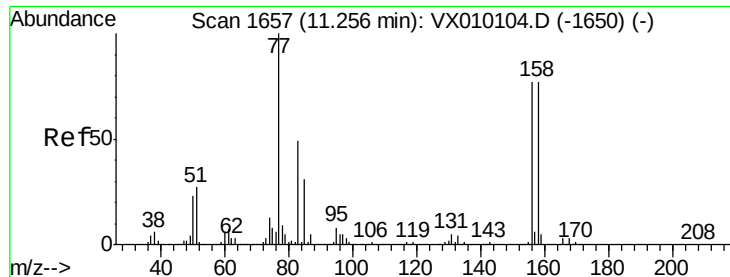
Tgt Ion: 75 Resp: 246859

Ion Ratio Lower Upper

75 100

77 32.5 22.1 66.1





#77

Bromobenzene

Concen: 47.938 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

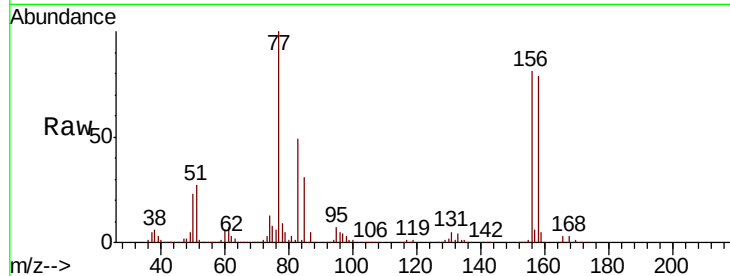
Tgt Ion:156 Resp: 175737

Ion Ratio Lower Upper

156 100

77 135.4 86.8 260.3

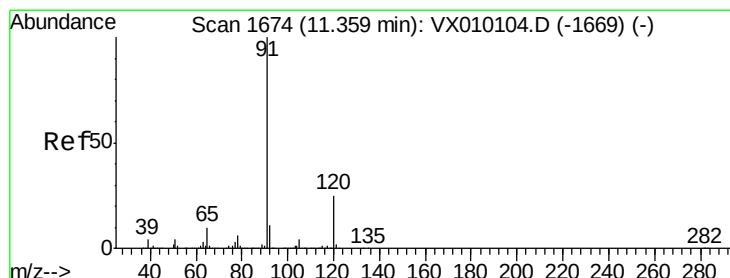
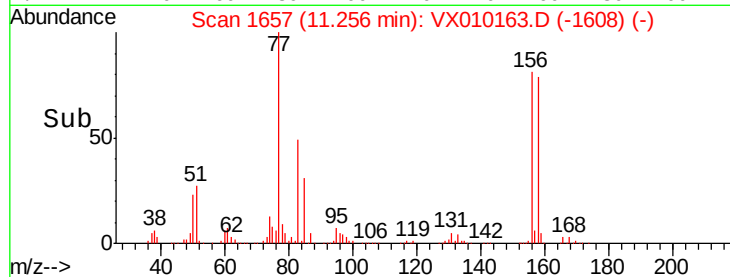
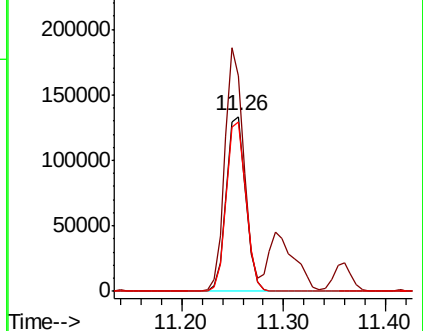
158 98.4 49.6 148.8



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: 47.772 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010163.D

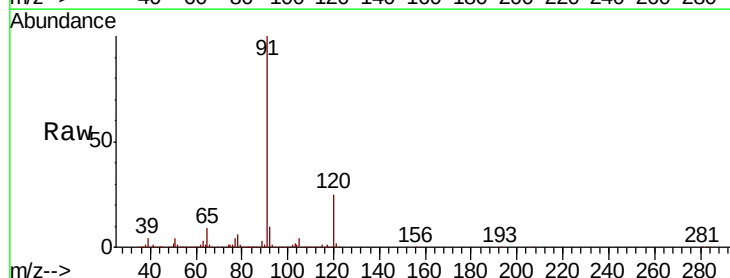
Acq: 09 Jun 2019 00:53

Tgt Ion: 91 Resp: 708994

Ion Ratio Lower Upper

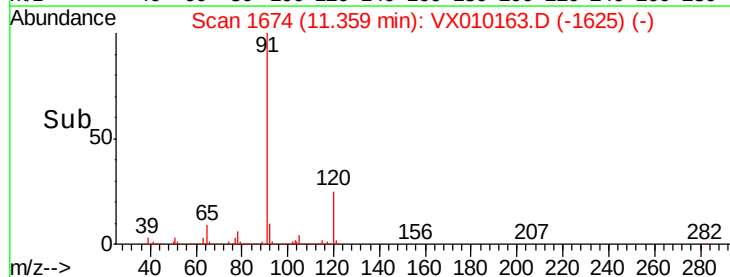
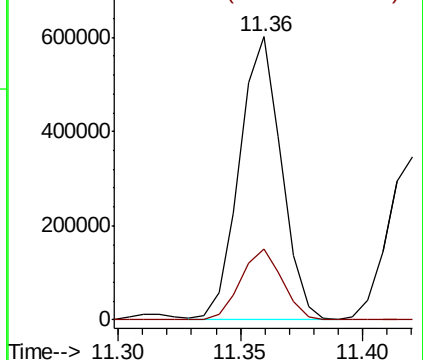
91 100

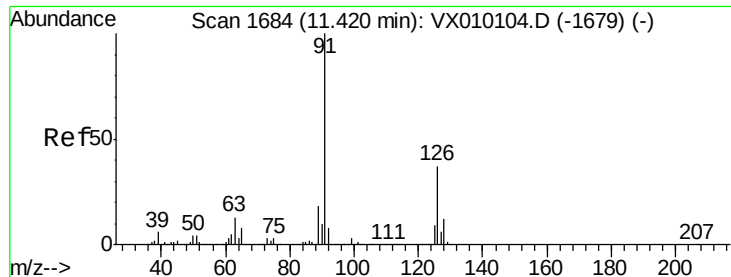
120 25.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.563 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

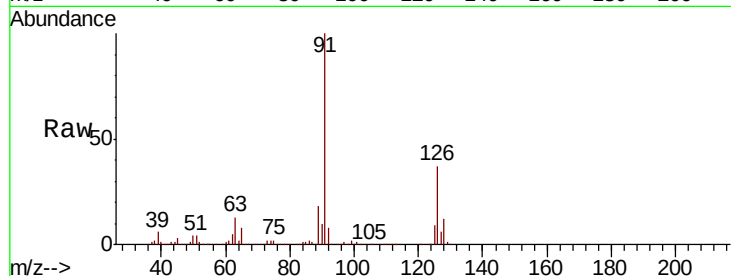
VSTDCCC050EC

Tgt Ion: 91 Resp: 423950

Ion Ratio Lower Upper

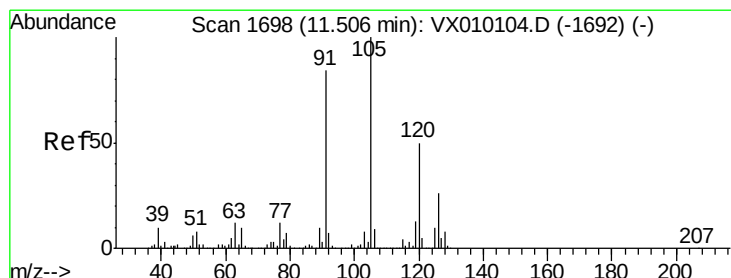
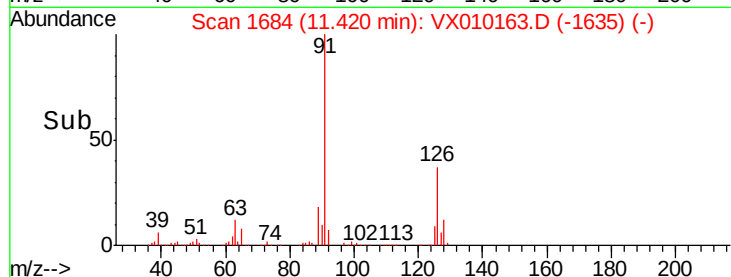
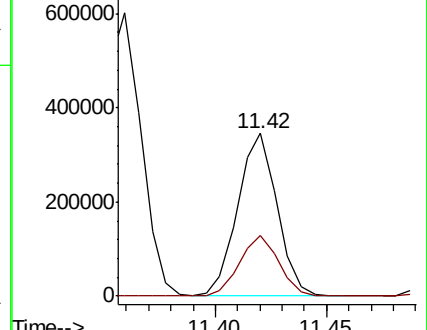
91 100

126 37.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.639 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010163.D

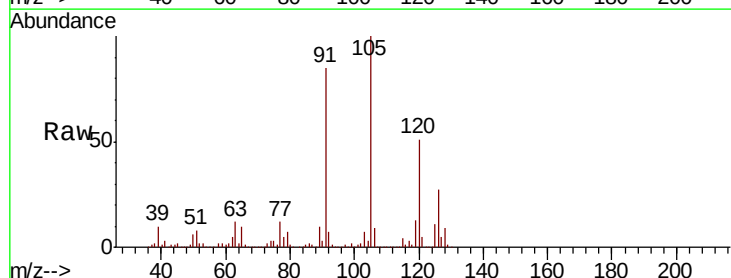
Acq: 09 Jun 2019 00:53

Tgt Ion: 105 Resp: 534900

Ion Ratio Lower Upper

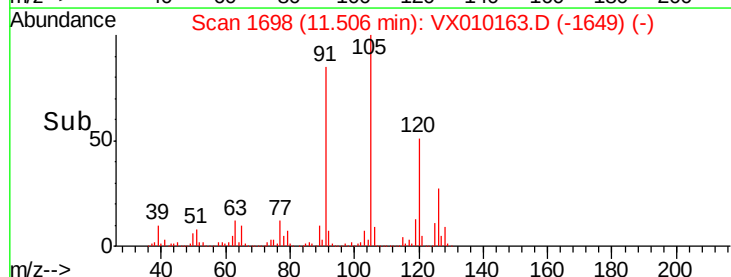
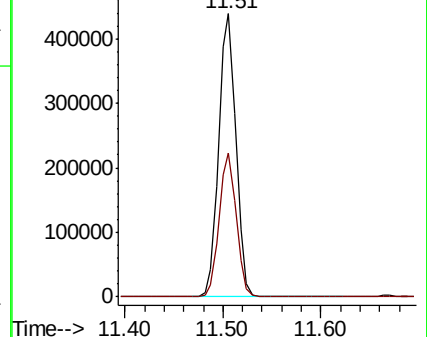
105 100

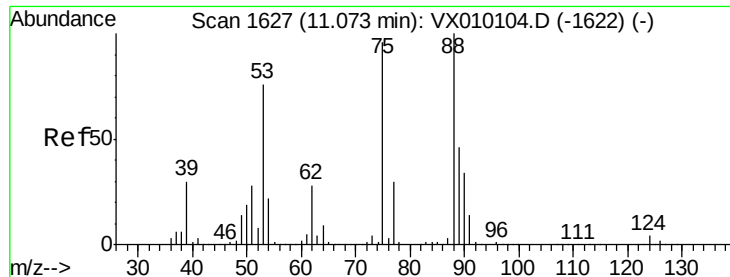
120 50.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.931 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

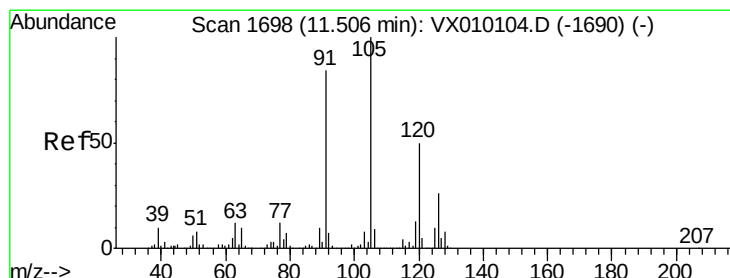
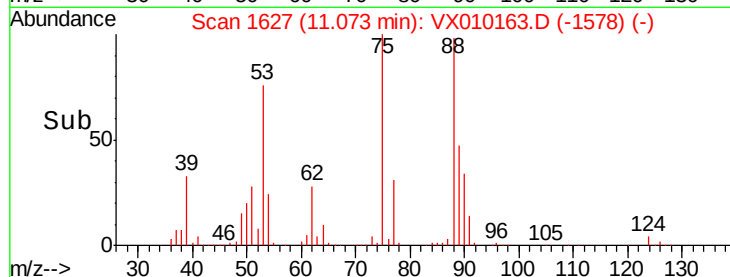
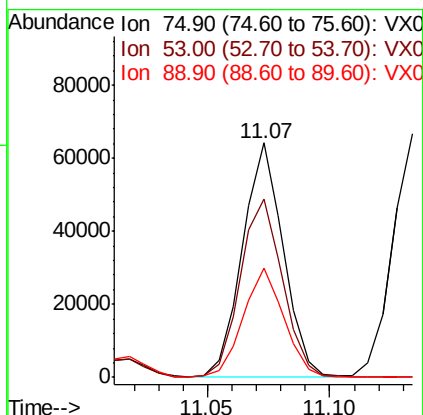
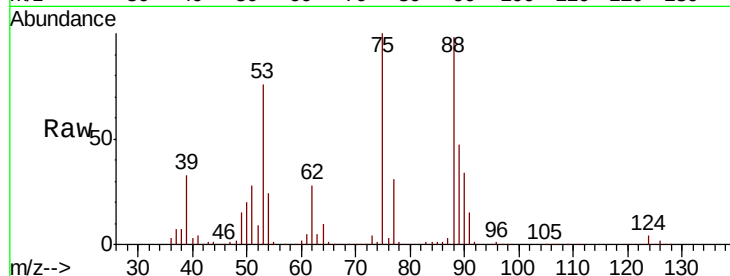
Tgt Ion: 75 Resp: 74220

Ion Ratio Lower Upper

75 100

53 78.6 79.8 119.6#

89 46.9 34.2 51.4



#82

4-Chlorotoluene

Concen: 47.744 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010163.D

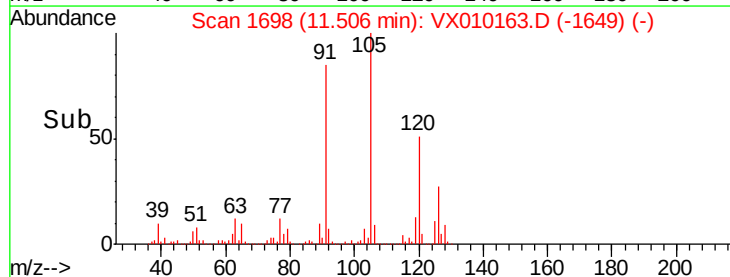
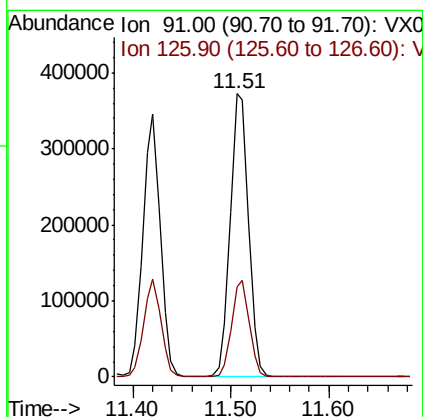
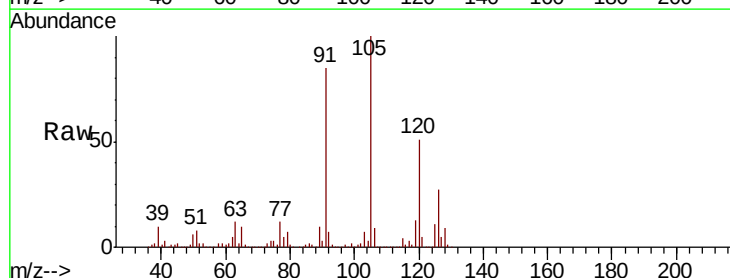
Acq: 09 Jun 2019 00:53

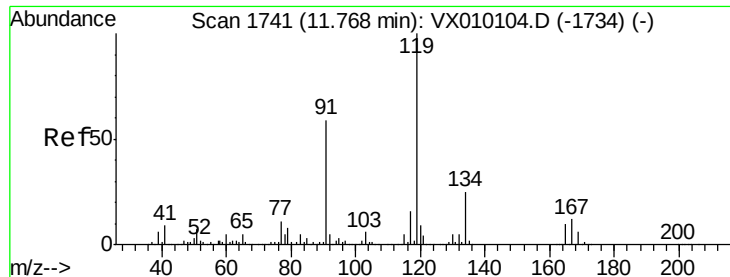
Tgt Ion: 91 Resp: 483434

Ion Ratio Lower Upper

91 100

126 33.1 14.2 42.6

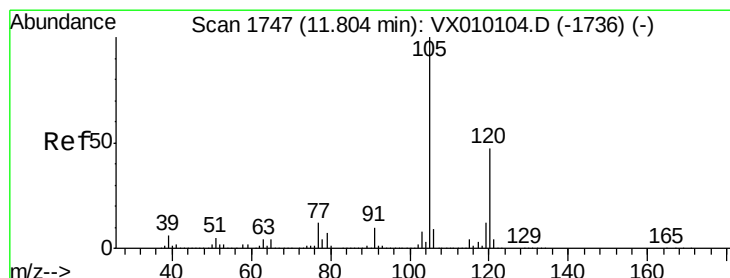
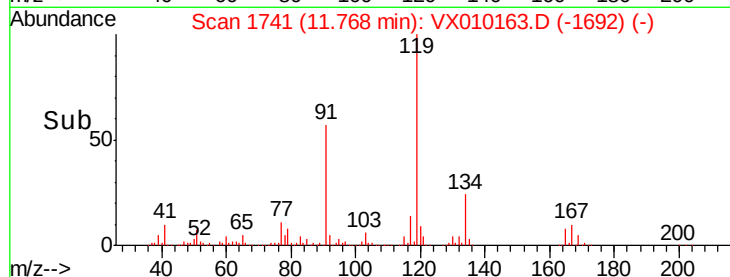
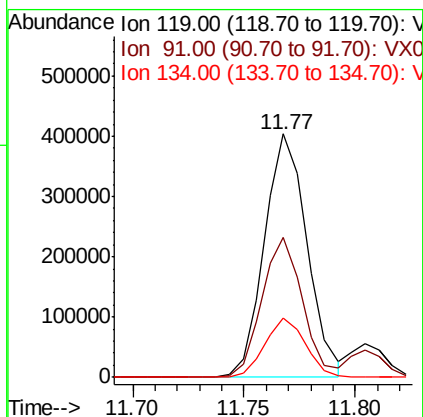
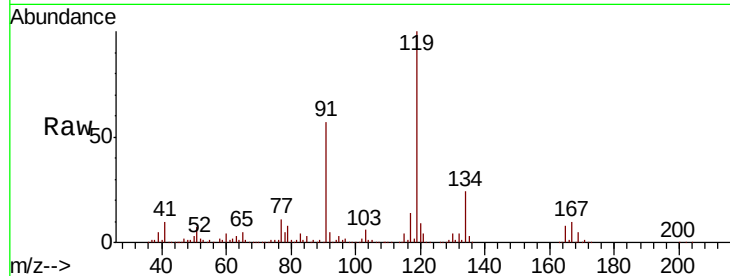




#83
 tert-Butylbenzene
 Concen: 47.397 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

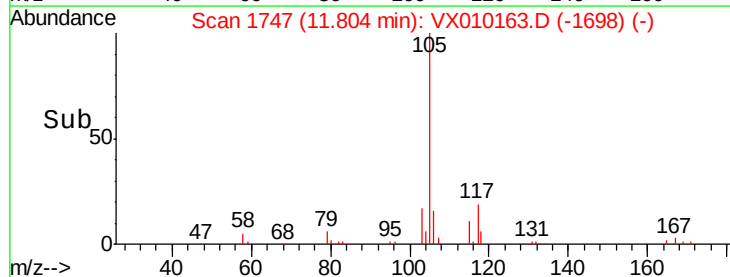
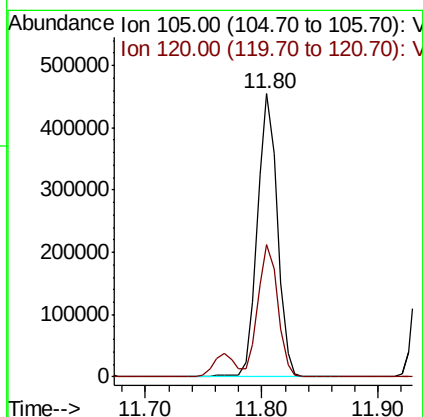
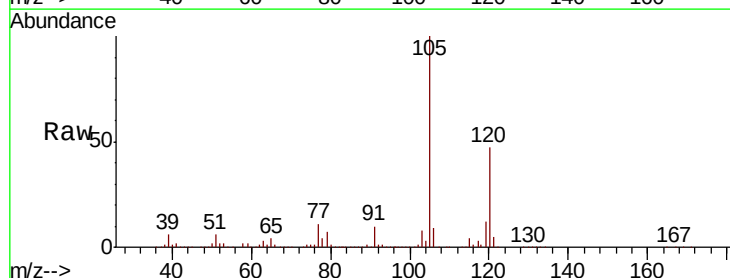
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

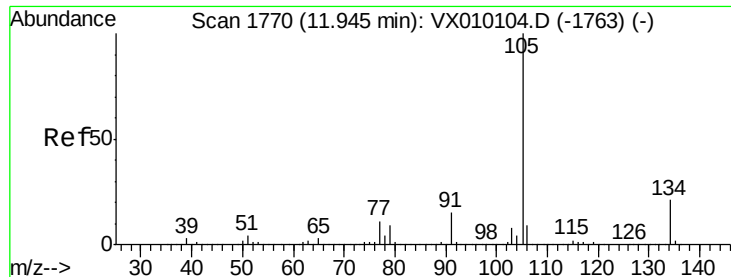
Tgt Ion:119 Resp: 538642
 Ion Ratio Lower Upper
 119 100
 91 54.7 30.0 90.0
 134 23.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.048 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion:105 Resp: 544932
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.494 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

Instrument :

MSVOA_X

ClientSampleId :

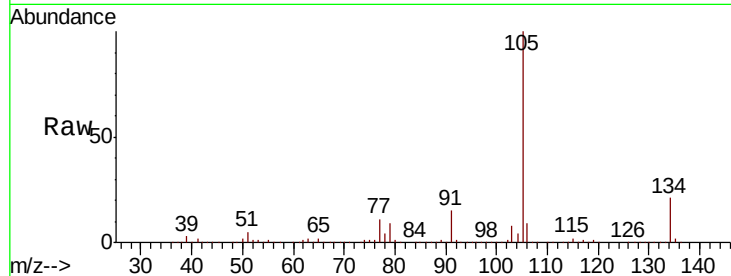
VSTDCCC050EC

Tgt Ion:105 Resp: 628821

Ion Ratio Lower Upper

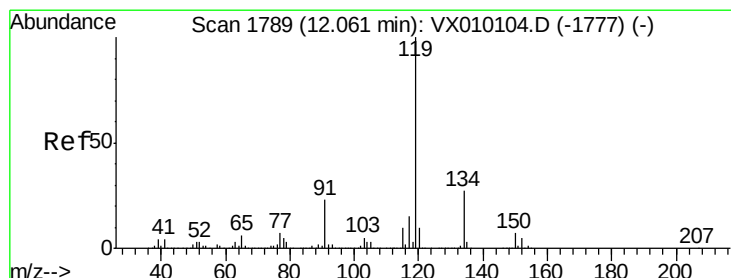
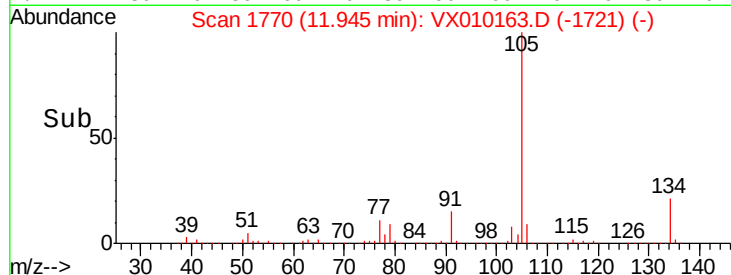
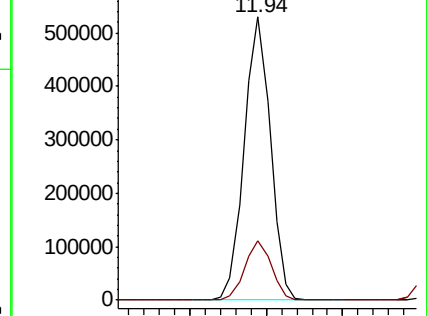
105 100

134 21.2 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: 47.638 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010163.D

Acq: 09 Jun 2019 00:53

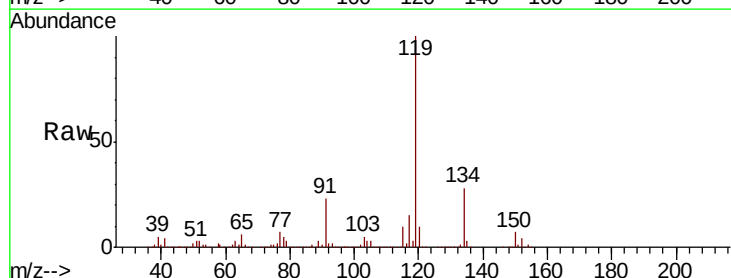
Tgt Ion:119 Resp: 576607

Ion Ratio Lower Upper

119 100

134 27.7 12.9 38.6

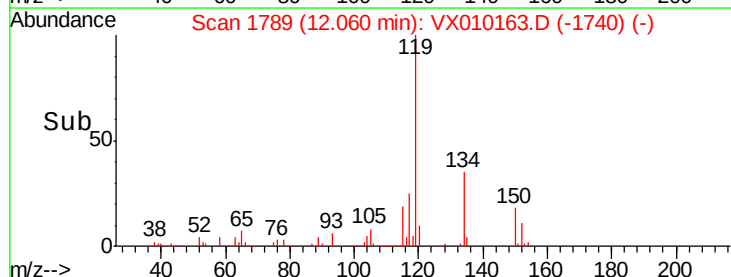
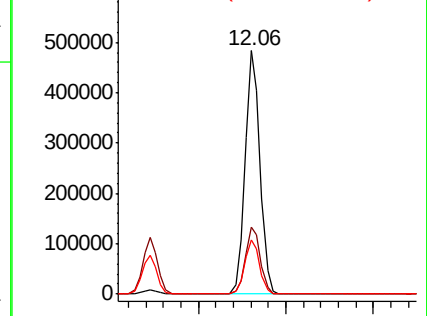
91 22.5 11.9 35.9

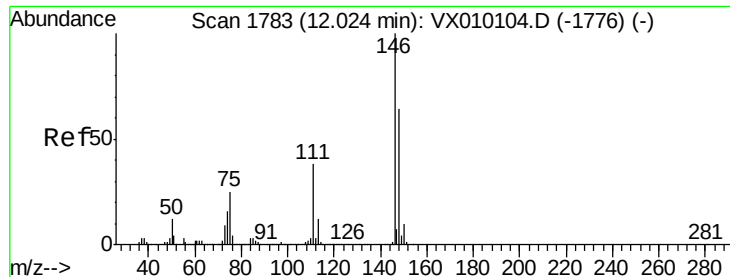


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

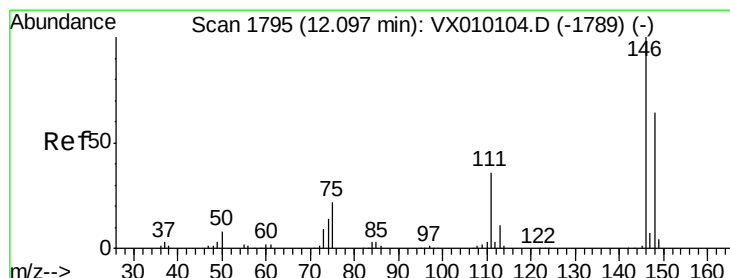
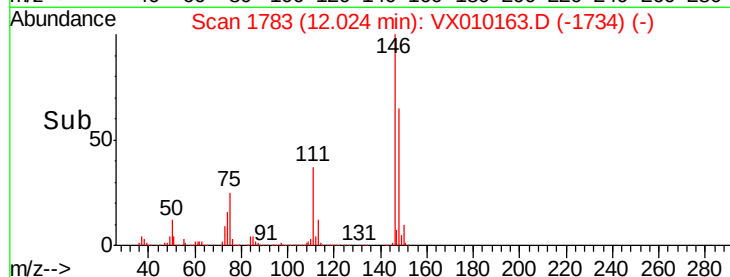
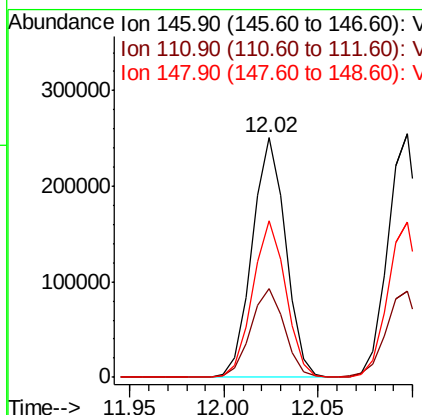
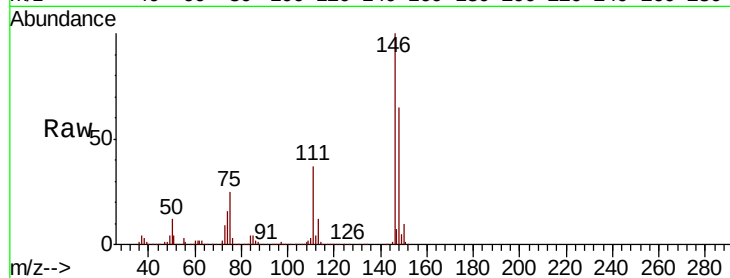




#87
 1,3-Dichlorobenzene
 Concen: 47.799 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

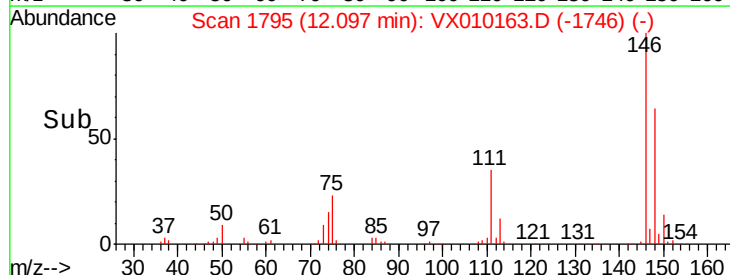
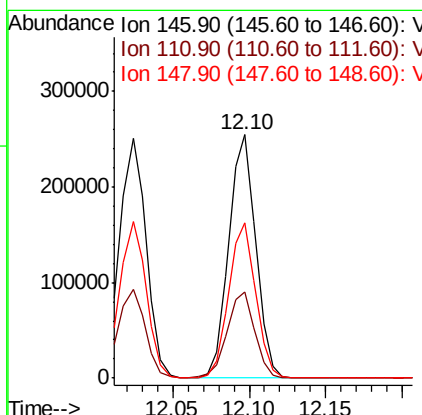
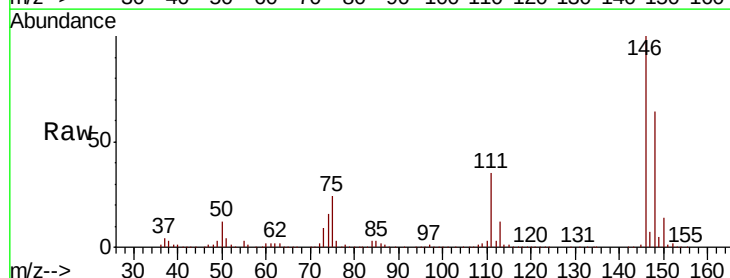
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

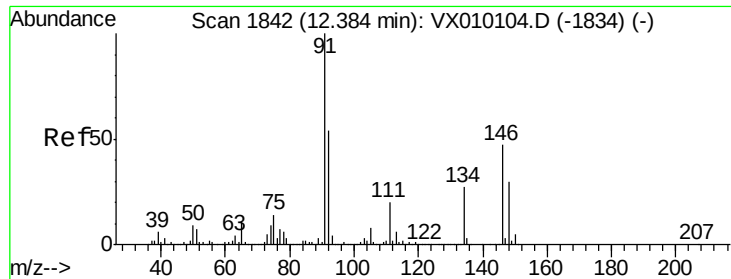
Tgt Ion:146 Resp: 308648
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.1 60.2
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.729 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion:146 Resp: 310686
 Ion Ratio Lower Upper
 146 100
 111 36.3 20.0 59.9
 148 63.8 32.3 96.9

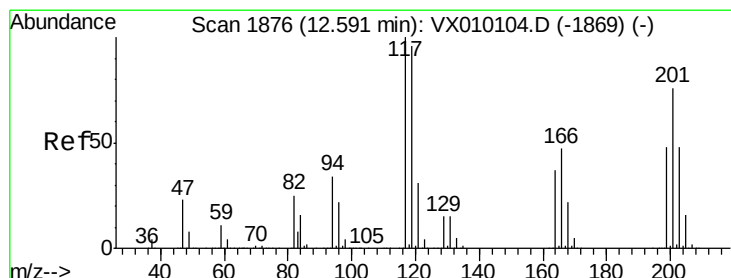
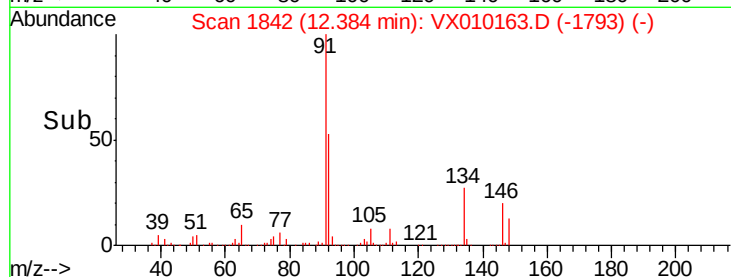
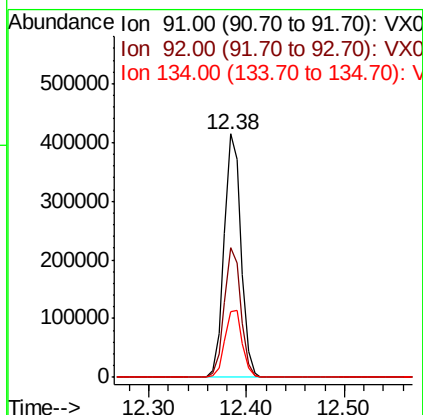
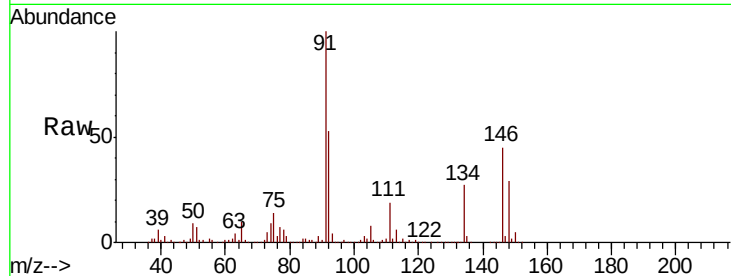




#89
n-Butylbenzene
Concen: 47.260 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

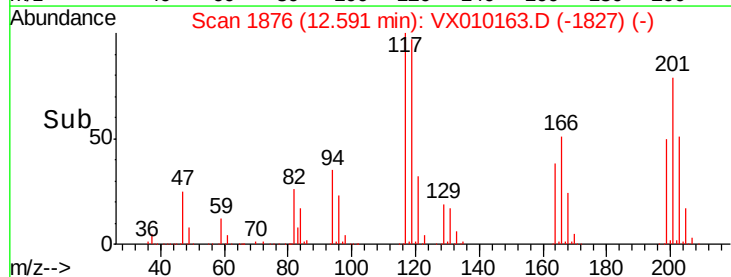
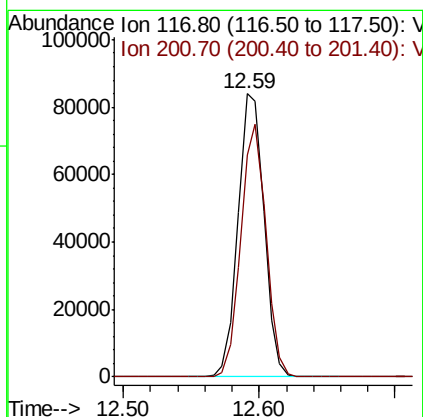
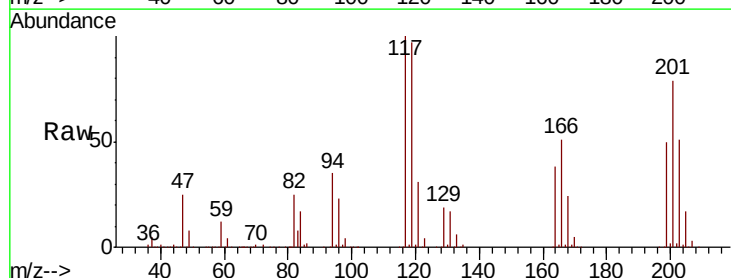
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

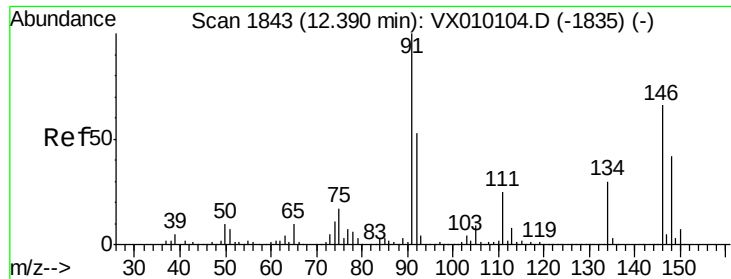
Tgt Ion: 91 Resp: 492396
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 46.232 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion: 117 Resp: 111471
Ion Ratio Lower Upper
117 100
201 86.7 43.6 130.9

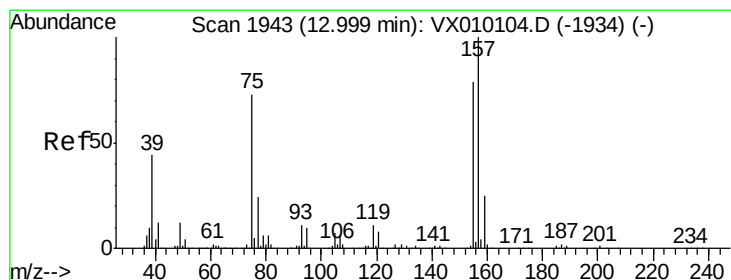
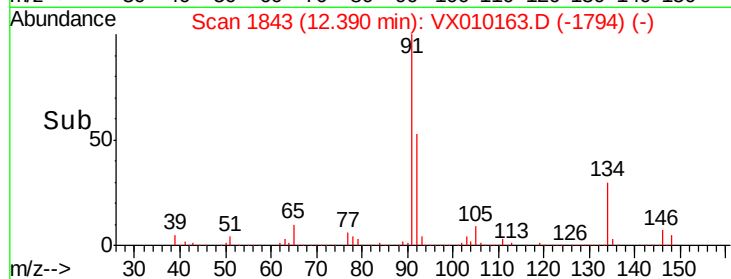
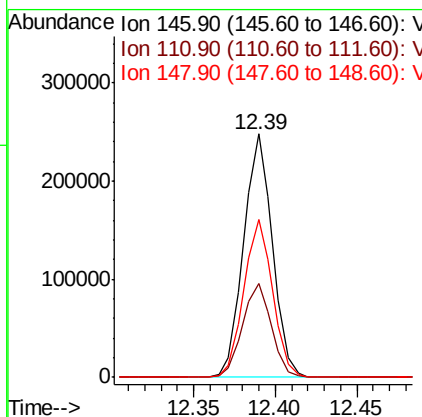
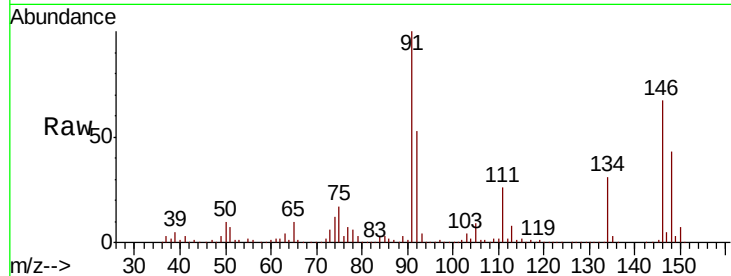




#91
 1,2-Dichlorobenzene
 Concen: 48.595 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

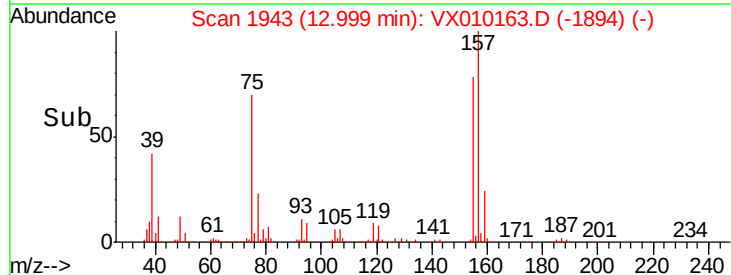
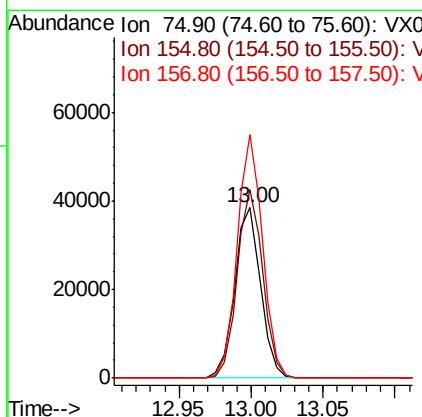
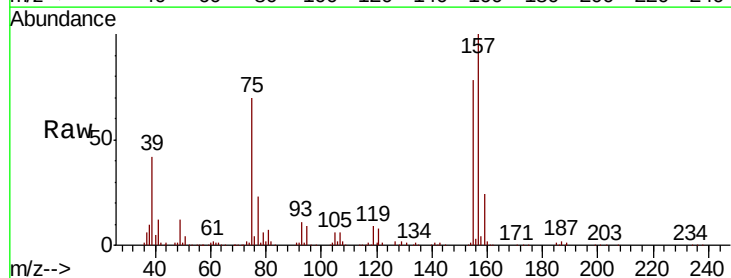
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

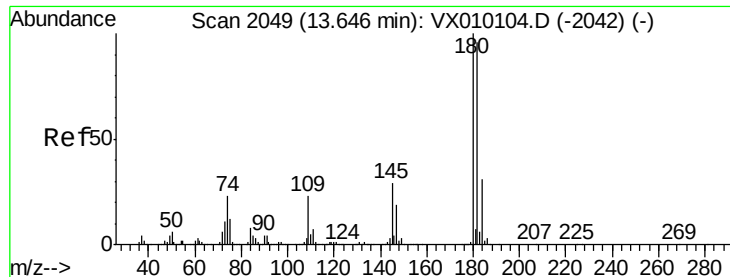
Tgt Ion: 146 Resp: 305058
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.1 63.1
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.151 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion: 75 Resp: 48484
 Ion Ratio Lower Upper
 75 100
 155 108.4 39.3 117.8
 157 138.9 50.6 151.8

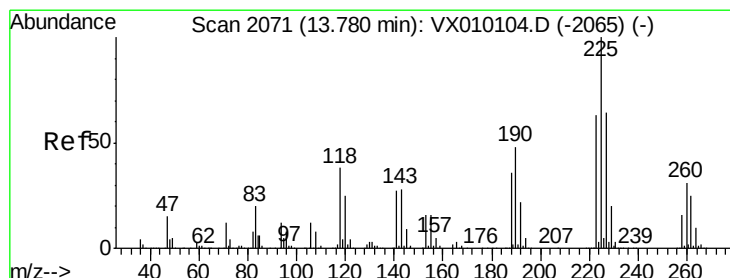
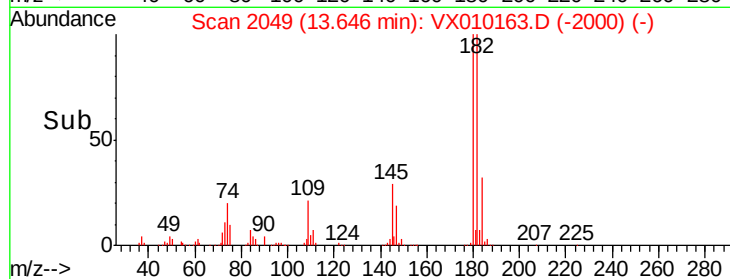
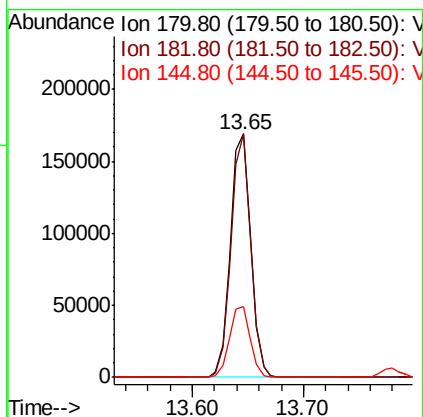
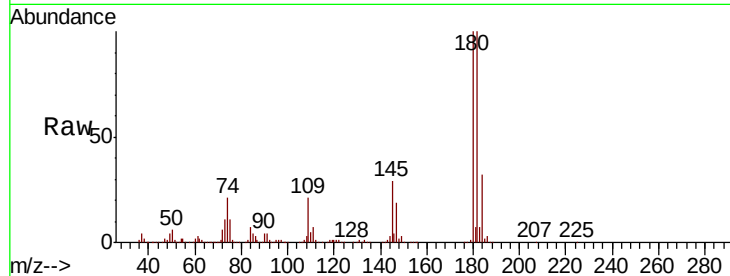




#93
 1,2,4-Trichlorobenzene
 Concen: 46.336 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

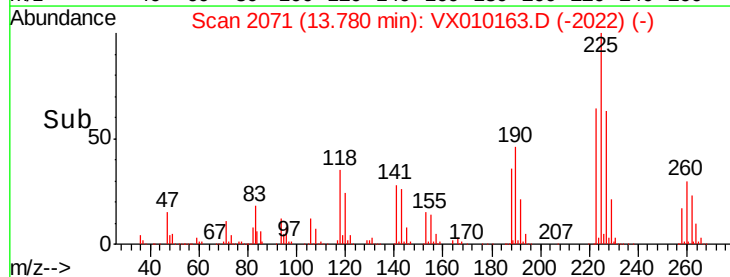
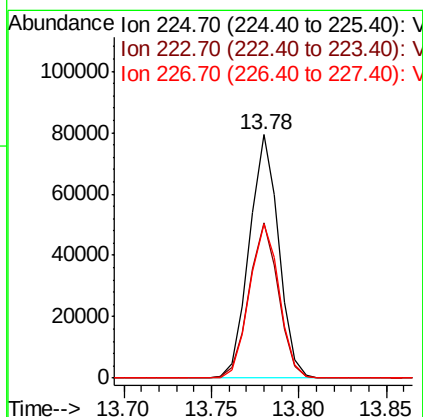
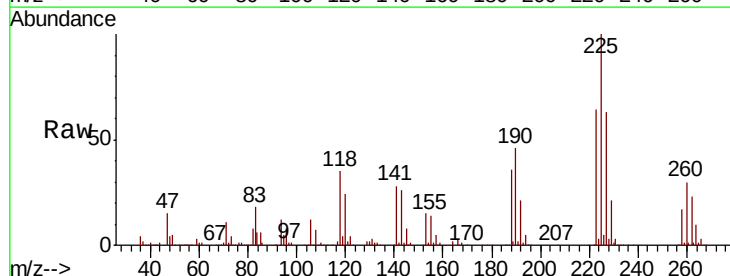
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

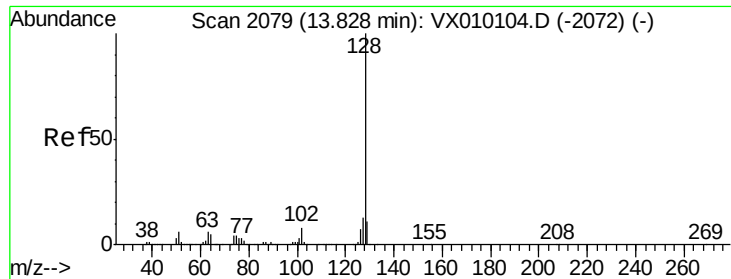
Tgt Ion:180 Resp: 212920
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.2
 145 29.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 45.474 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010163.D
 Acq: 09 Jun 2019 00:53

Tgt Ion:225 Resp: 92932
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.8
 227 64.4 32.3 96.8

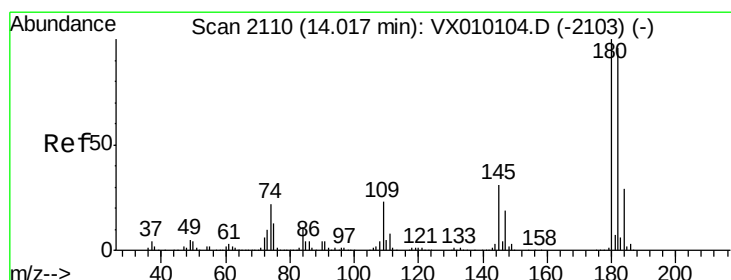
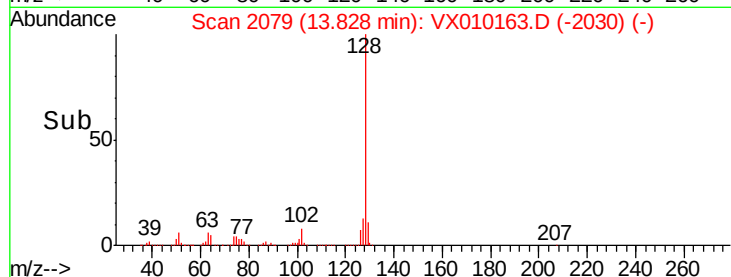
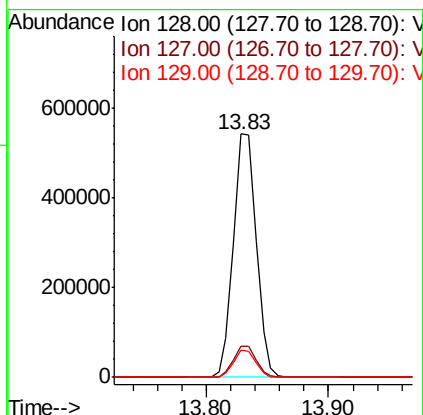
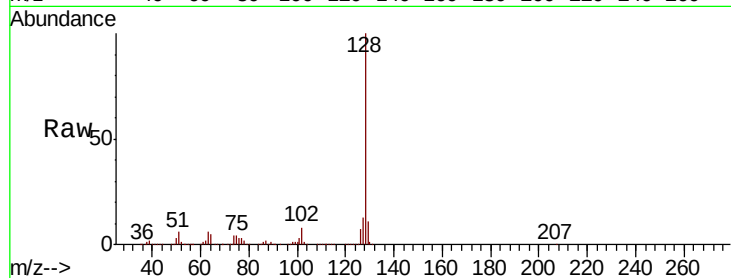




#95
Naphthalene
Concen: 48.415 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 700323
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.395 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010163.D
Acq: 09 Jun 2019 00:53

Tgt Ion:180 Resp: 215337
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 31.1 15.6 46.7

