

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010197.D
 Acq On : 10 Jun 2019 23:56
 Operator : JC/SP
 Sample : VX0610WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

Quant Time: Jun 11 02:42:41 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	251688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116993	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	118080	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	449357	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	160898	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47561	20.537	ug/l	99
3) Chloromethane	1.33	50	45434	19.754	ug/l	99
4) Vinyl Chloride	1.41	62	48120	22.261	ug/l	99
5) Bromomethane	1.64	94	22777	27.923	ug/l	97
6) Chloroethane	1.72	64	26540	24.352	ug/l	97
7) Trichlorofluoromethane	1.93	101	71813	22.365	ug/l	98
8) Diethyl Ether	2.19	74	26009	23.501	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41449	18.727	ug/l	90
10) Methyl Iodide	2.51	142	68325	19.924	ug/l	97
11) Tert butyl alcohol	3.04	59	61395	102.012	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43677	19.320	ug/l #	78
13) Acrolein	2.29	56	10746	97.923	ug/l	97
14) Allyl chloride	2.73	41	61899	18.139	ug/l #	90
15) Acrylonitrile	3.14	53	125965	102.398	ug/l	98
16) Acetone	2.45	43	99983	86.527	ug/l #	89
17) Carbon Disulfide	2.57	76	117072	17.922	ug/l	98
18) Methyl Acetate	2.78	43	51451	20.247	ug/l #	79
19) Methyl tert-butyl Ether	3.20	73	139109	19.153	ug/l	95
20) Methylene Chloride	2.85	84	48332	19.046	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	45783	18.300	ug/l #	76
22) Diisopropyl ether	3.85	45	127226	19.500	ug/l #	94
23) Vinyl Acetate	3.82	43	558190	95.901	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	74053	18.694	ug/l #	94
25) 2-Butanone	4.67	43	170036	98.820	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	50494	13.972	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	53526	19.232	ug/l	76
28) Bromochloromethane	5.02	49	33534	18.888	ug/l #	48
29) Tetrahydrofuran	5.13	42	107807	99.696	ug/l #	73
30) Chloroform	5.21	83	78740	19.139	ug/l	97
31) Cyclohexane	5.59	56	68909	19.274	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	71336	18.444	ug/l	94
36) 1,1-Dichloropropene	5.80	75	57847	18.494	ug/l	92
37) Ethyl Acetate	4.84	43	64299	19.757	ug/l #	89
38) Carbon Tetrachloride	5.79	117	64144	18.118	ug/l	97

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Quant Time: Jun 11 02:42:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	76244	17.901	ug/l #	83
40) Benzene	6.14	78	188264	19.465	ug/l	100
41) Methacrylonitrile	5.05	41	32904	18.690	ug/l #	80
42) 1,2-Dichloroethane	6.20	62	57370	18.579	ug/l	92
43) Isopropyl Acetate	6.45	43	104255	19.159	ug/l #	89
44) Trichloroethene	7.21	130	56108	19.245	ug/l	89
45) 1,2-Dichloropropane	7.51	63	46720	19.299	ug/l	97
46) Dibromomethane	7.66	93	33544	18.495	ug/l	90
47) Bromodichloromethane	7.90	83	63024	18.597	ug/l #	99
48) Methyl methacrylate	7.77	41	48803	19.177	ug/l #	75
49) 1,4-Dioxane	7.74	88	29162	401.923	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	337161	103.718	ug/l	89
52) Toluene	8.78	92	120670	18.980	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66750	17.028	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	74376	17.699	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	52066	19.996	ug/l	95
56) Ethyl methacrylate	9.18	69	79485	19.325	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	79509	19.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	181561	93.634	ug/l #	86
59) 2-Hexanone	9.49	43	260103	100.354	ug/l	87
60) Dibromochloromethane	9.58	129	57385	18.632	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55076	18.992	ug/l	98
64) Tetrachloroethene	9.34	164	51857	19.974	ug/l	98
65) Chlorobenzene	10.13	112	138254	19.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52632	18.970	ug/l	99
67) Ethyl Benzene	10.25	91	230211	18.744	ug/l	95
68) m/p-Xylenes	10.36	106	180709	38.022	ug/l	90
69) o-Xylene	10.69	106	89318	18.905	ug/l	88
70) Styrene	10.71	104	151508	18.935	ug/l	94
71) Bromoform	10.85	173	47021	18.435	ug/l #	98
73) Isopropylbenzene	11.02	105	233859	19.199	ug/l	95
74) N-amyl acetate	10.90	43	92959	19.306	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	81491	19.544	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	88448	25.342	ug/l	83
77) Bromobenzene	11.26	156	65097	19.434	ug/l	79
78) n-propylbenzene	11.36	91	250886	18.501	ug/l	94
79) 2-Chlorotoluene	11.42	91	151621	18.616	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	194172	18.926	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25946	16.425	ug/l #	84
82) 4-Chlorotoluene	11.51	91	172574	18.653	ug/l	91
83) tert-Butylbenzene	11.77	119	194052	18.687	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	194979	18.815	ug/l	94
85) sec-Butylbenzene	11.94	105	226122	18.691	ug/l	96
86) p-Isopropyltoluene	12.06	119	205747	18.603	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	111117	18.833	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	111936	18.820	ug/l	98
89) n-Butylbenzene	12.38	91	171627	18.028	ug/l	96
90) Hexachloroethane	12.60	117	39685	18.013	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	113052	19.709	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17775	18.116	ug/l	66

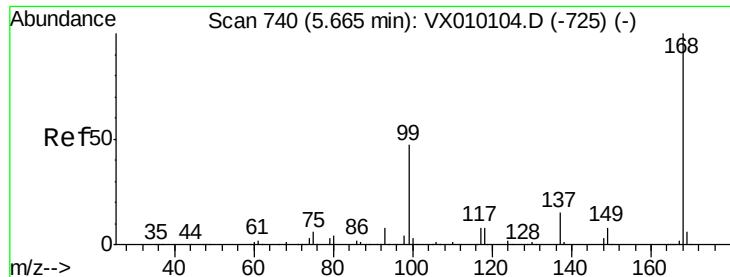
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
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ClientSampleId :
VX0610WBSD03

Quant Time: Jun 11 02:42:41 2019
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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	77522	18.463	ug/l	99
94) Hexachlorobutadiene	13.78	225	35759	19.150	ug/l	99
95) Naphthalene	13.83	128	251929	19.061	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	78254	18.850	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: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

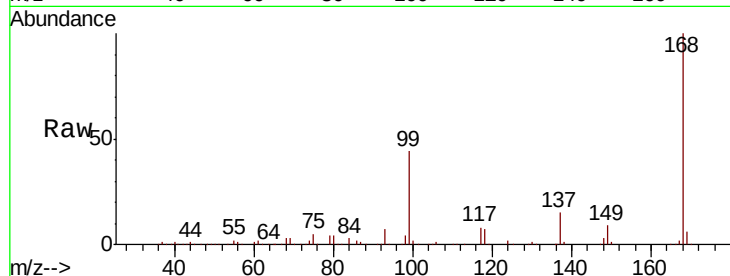
VX0610WBSD03

Tot Ion:168 Resp: 251688

Ion Ratio Lower Upper

168 100

99 44.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

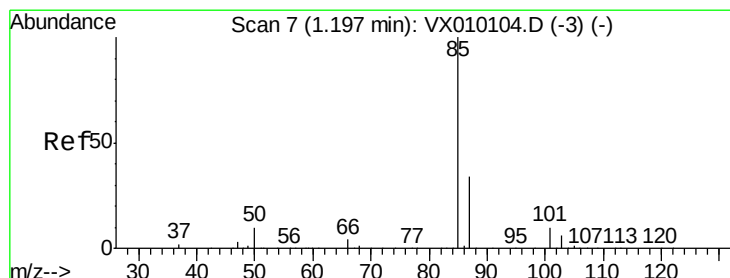
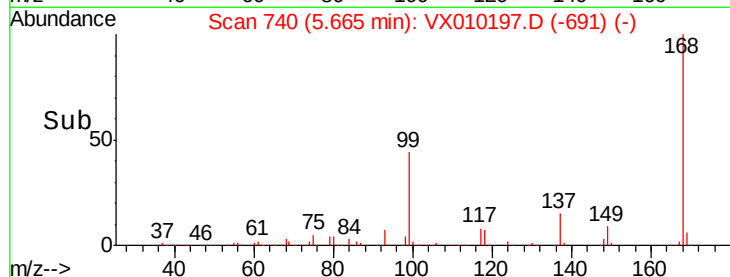
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.537 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010197.D

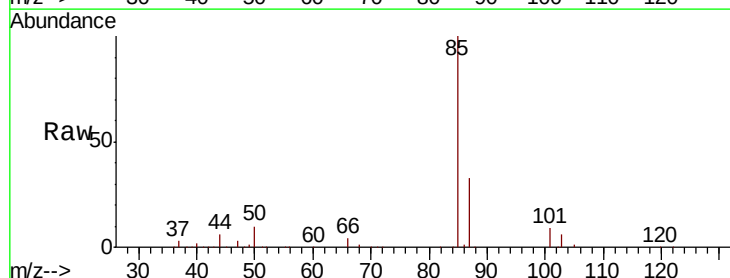
Acq: 10 Jun 2019 23:56

Tgt Ion: 85 Resp: 47561

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

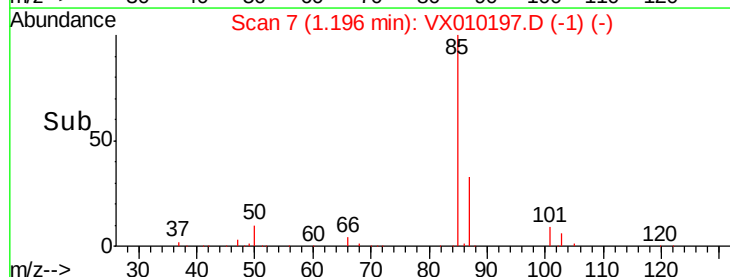
30000

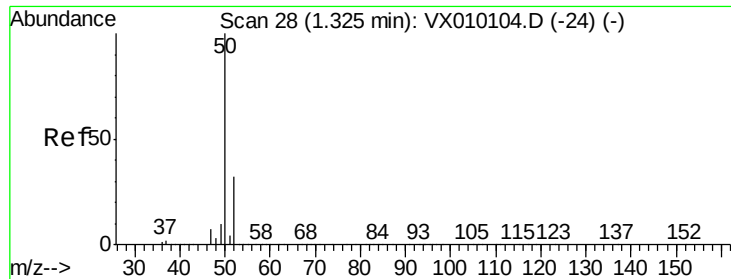
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.754 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

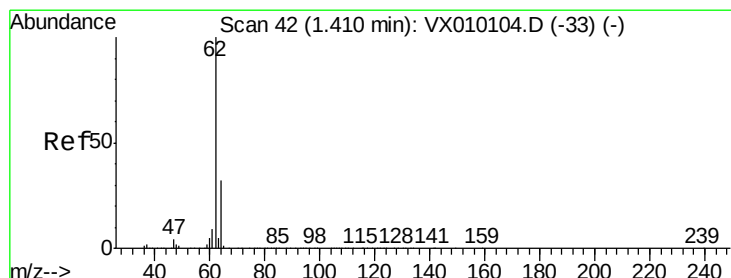
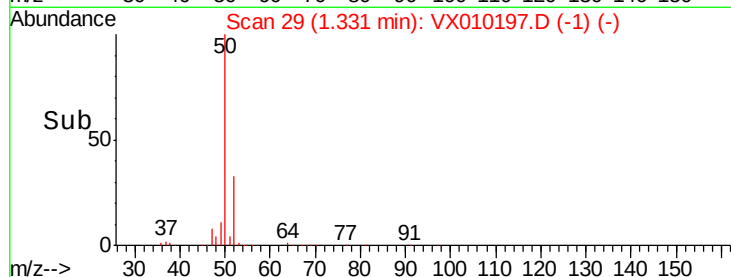
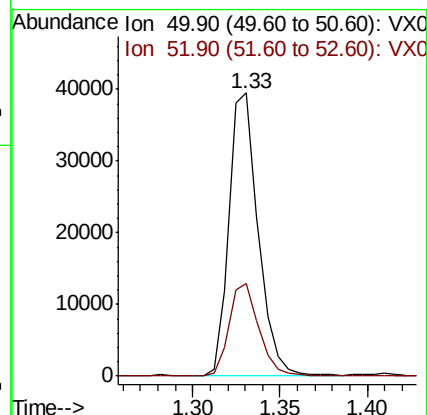
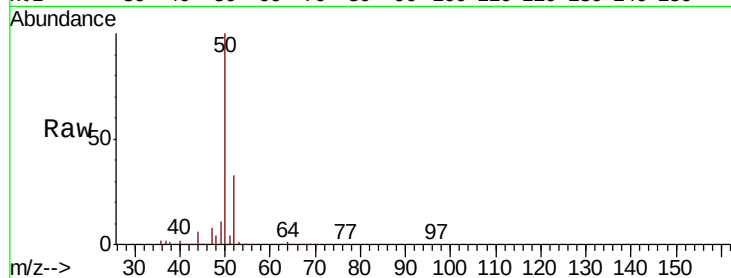
VX0610WBSD03

Tot Ion: 50 Resp: 45434

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 22.261 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010197.D

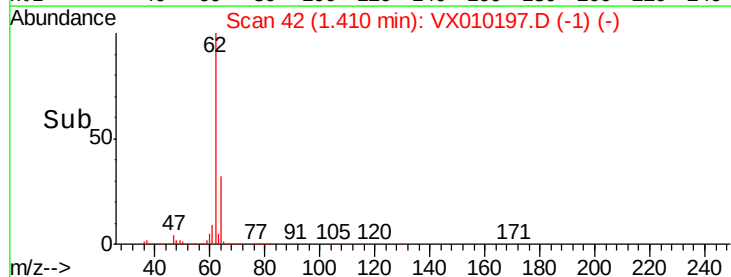
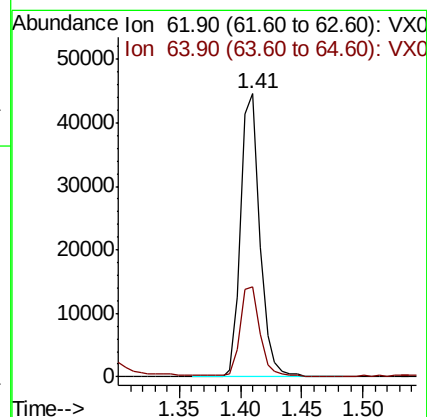
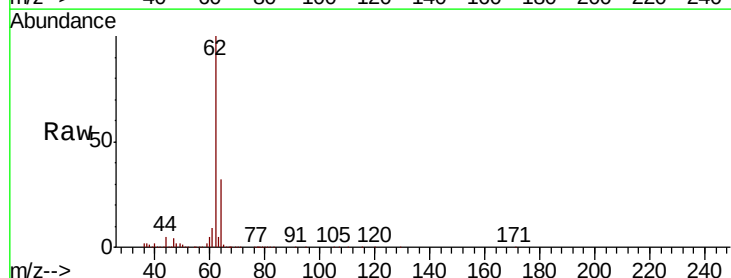
Acq: 10 Jun 2019 23:56

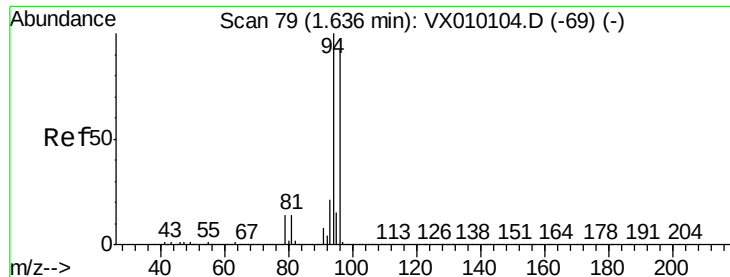
Tgt Ion: 62 Resp: 48120

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 27.923 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

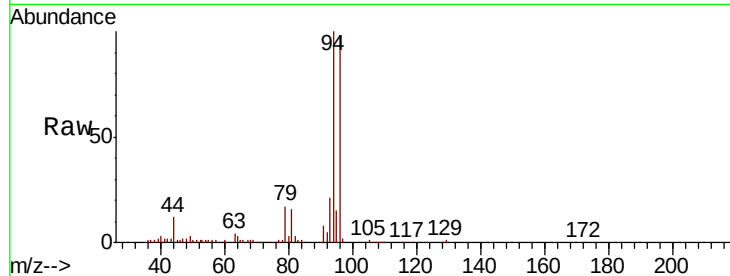
VX0610WBSD03

Tot Ion: 94 Resp: 22777

Ion Ratio Lower Upper

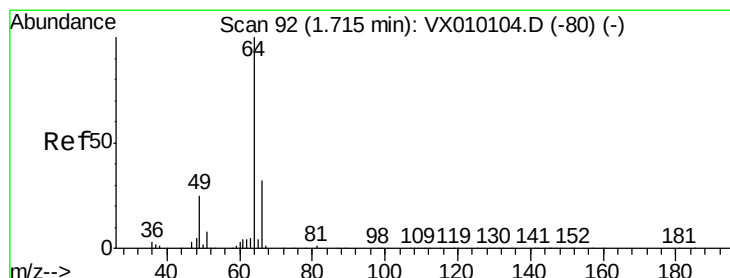
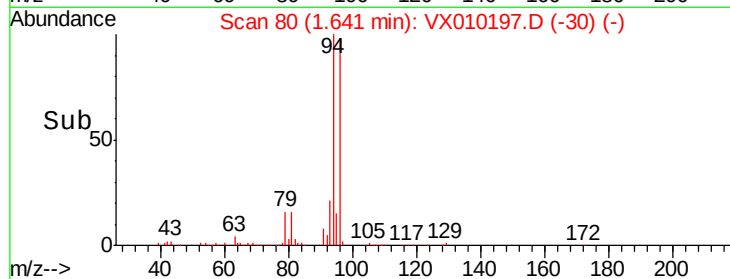
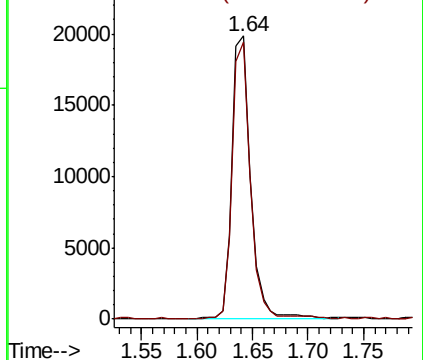
94 100

96 97.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.352 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010197.D

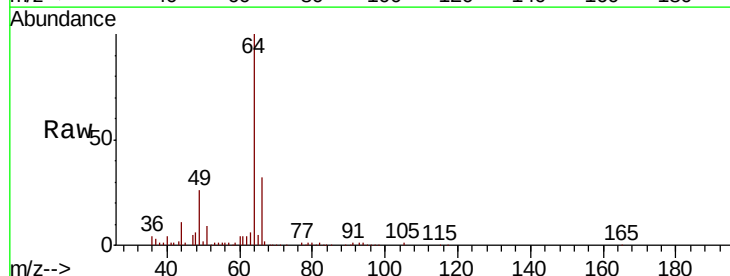
Acq: 10 Jun 2019 23:56

Tgt Ion: 64 Resp: 26540

Ion Ratio Lower Upper

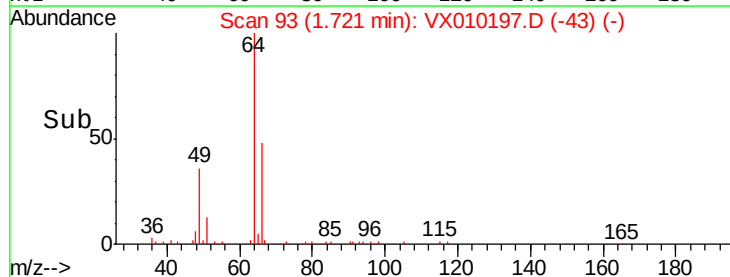
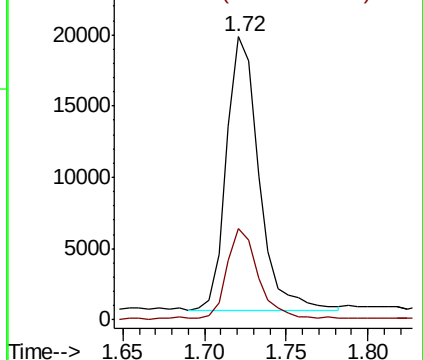
64 100

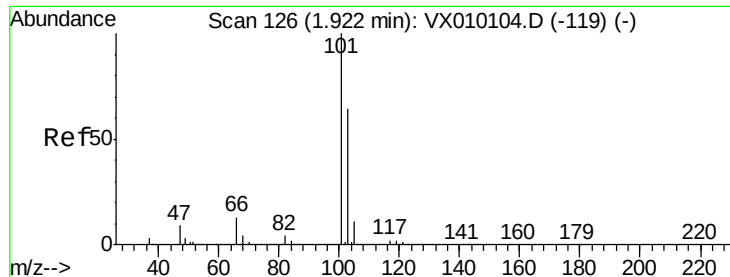
66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



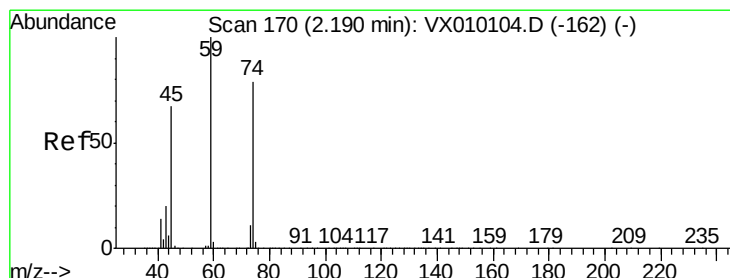
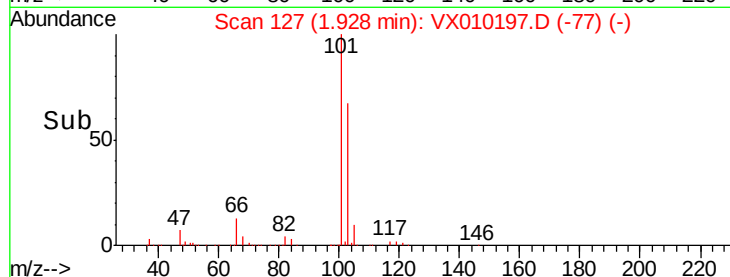
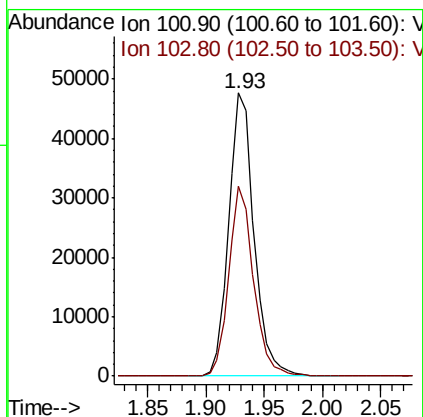
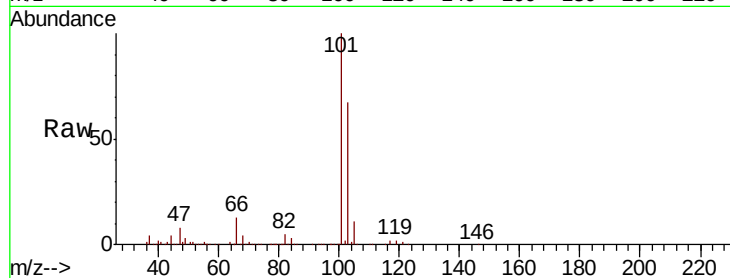


#7

Trichlorofluoromethane
 Concen: 22.365 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

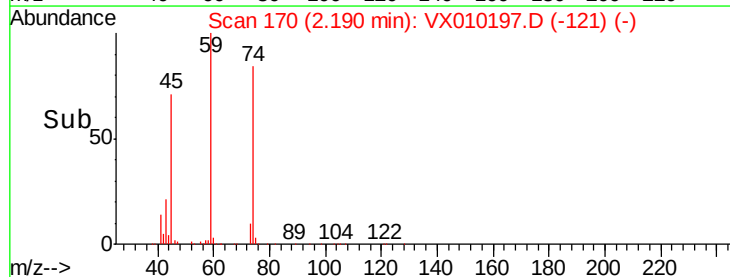
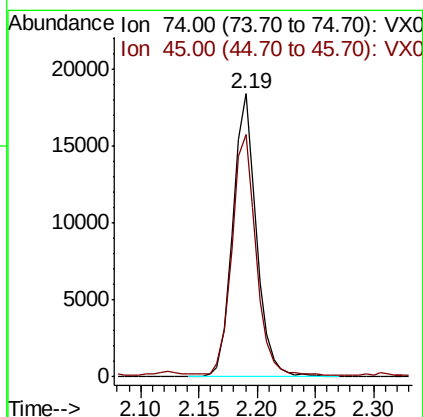
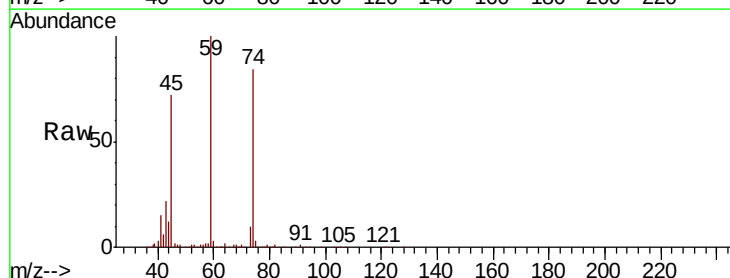
Tot Ion:101 Resp: 71813
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.2 78.4

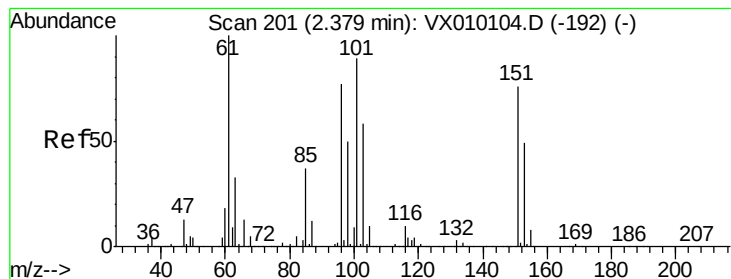


#8

Diethyl Ether
 Concen: 23.501 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion: 74 Resp: 26009
 Ion Ratio Lower Upper
 74 100
 45 86.8 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.727 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

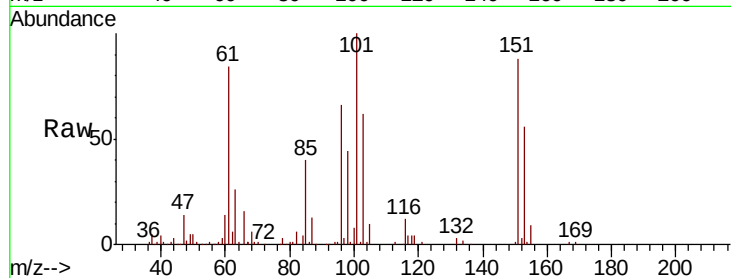
Tot Ion:101 Resp: 41449

Ion Ratio Lower Upper

101 100

85 41.2 35.2 52.8

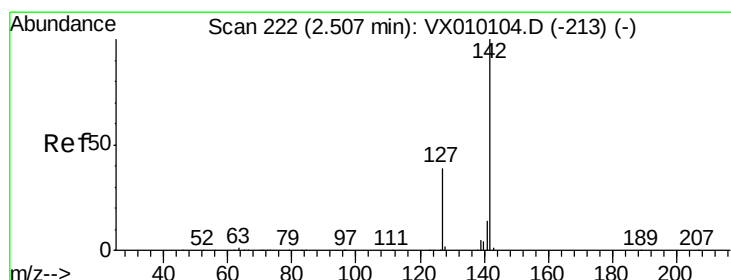
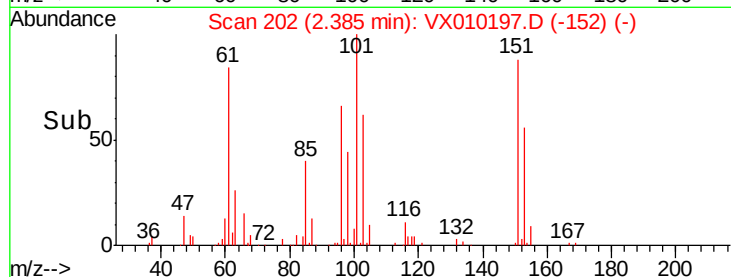
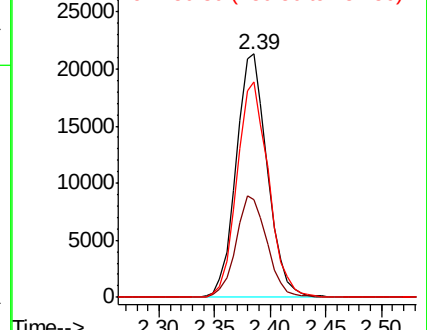
151 89.3 61.9 92.9



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: 19.924 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

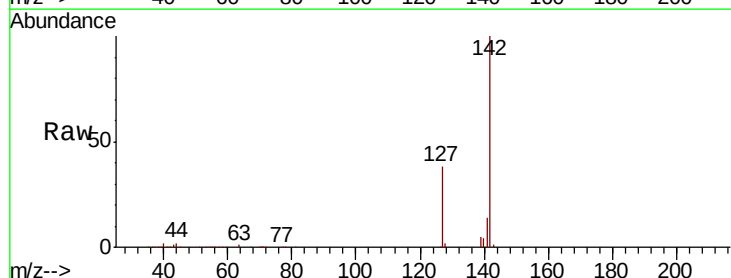
Tgt Ion:142 Resp: 68325

Ion Ratio Lower Upper

142 100

127 38.5 33.0 49.4

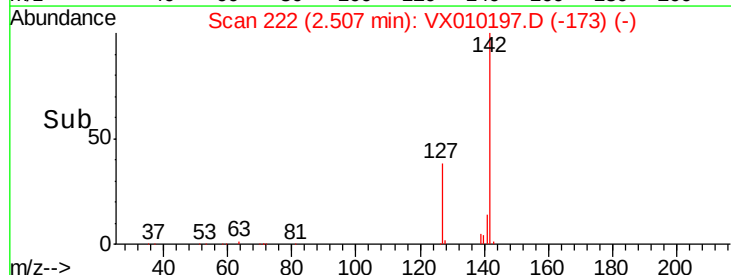
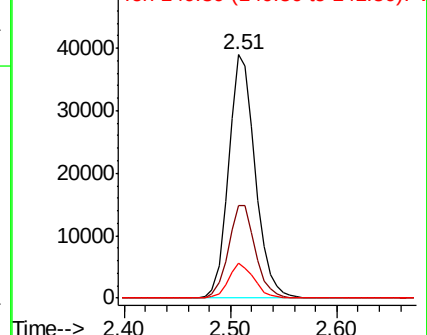
141 13.8 11.4 17.0

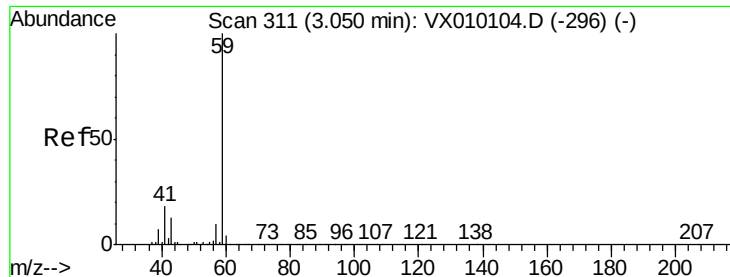


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



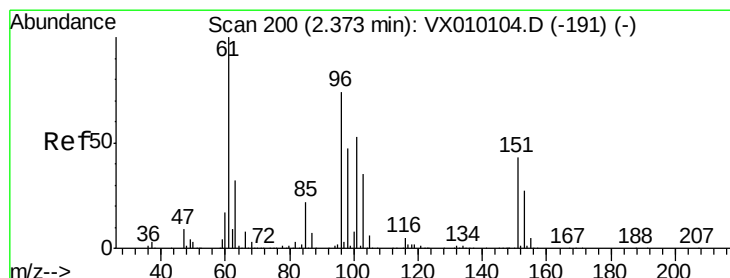
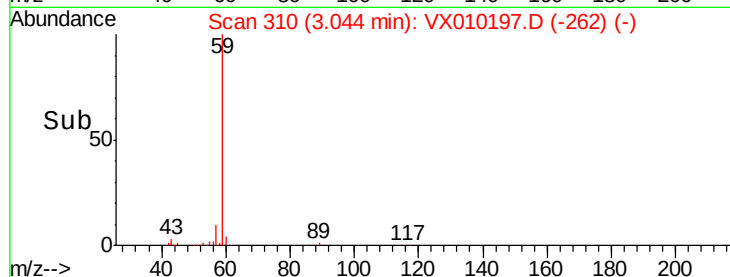
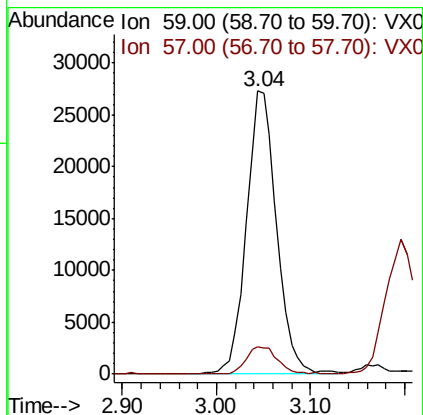
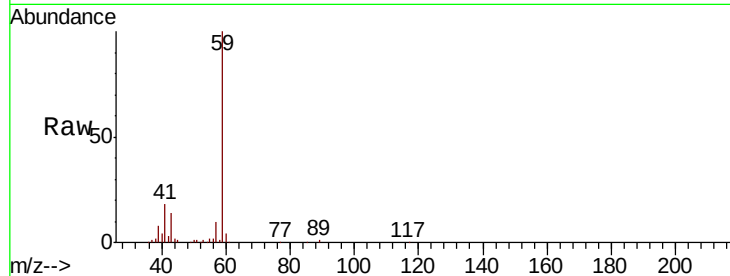


#11

Tert butyl alcohol
Concen: 102.012 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

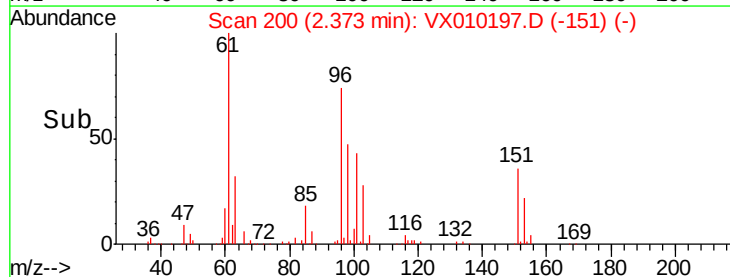
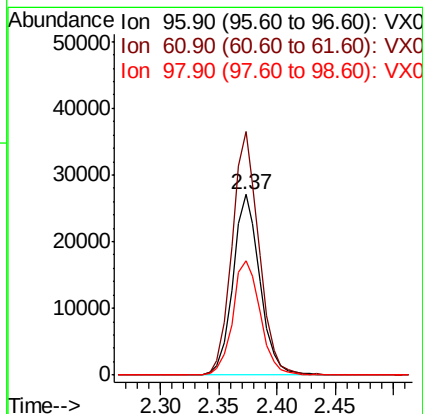
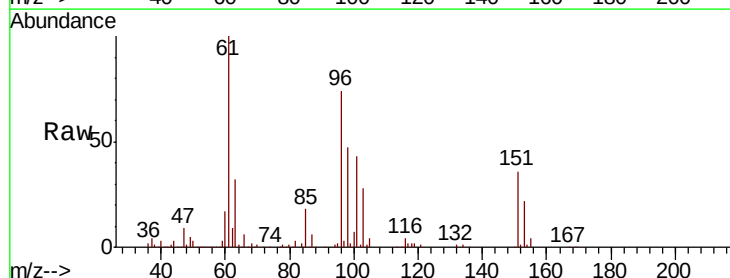
Tot Ion: 59 Resp: 61395
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

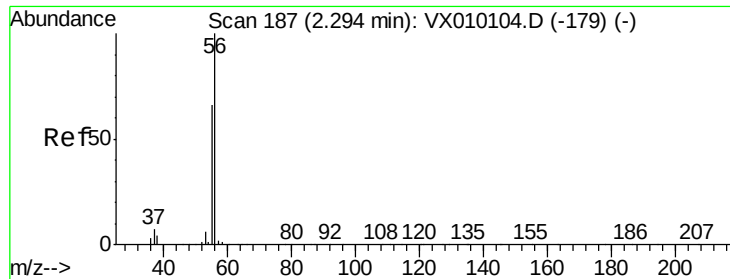


#12

1,1-Dichloroethene
Concen: 19.320 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 96 Resp: 43677
Ion Ratio Lower Upper
96 100
61 134.9 140.7 211.1#
98 63.1 50.1 75.1





#13

Acrolein

Concen: 97.923 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

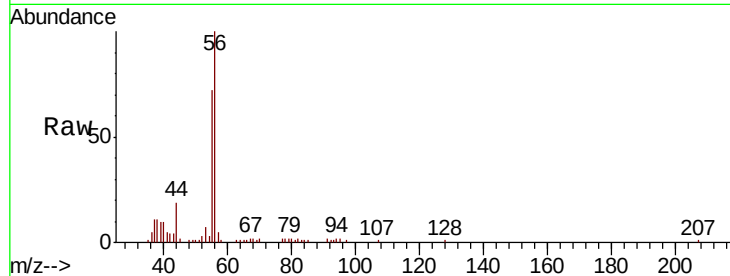
VX0610WBSD03

Tot Ion: 56 Resp: 10746

Ion Ratio Lower Upper

56 100

55 73.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

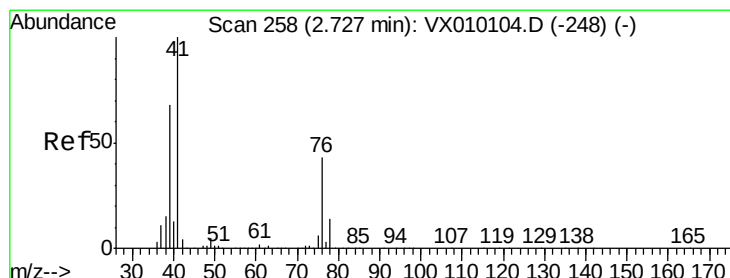
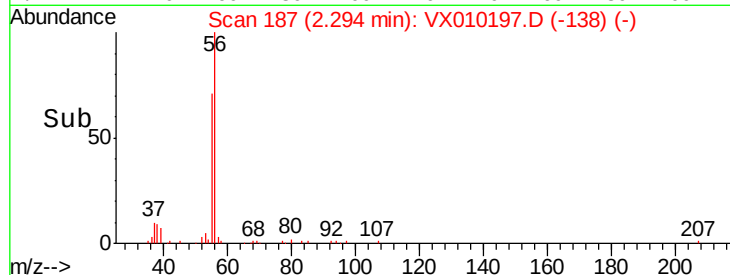
4000

2000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 18.139 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

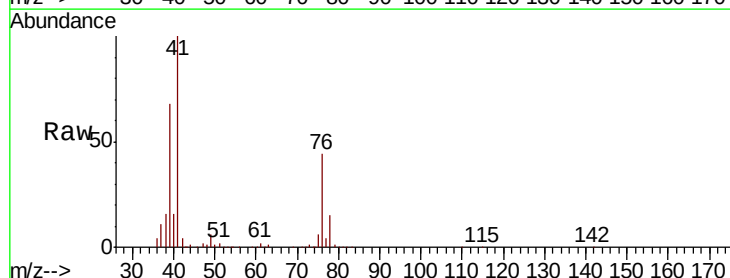
Tgt Ion: 41 Resp: 61899

Ion Ratio Lower Upper

41 100

39 61.1 46.7 70.1

76 39.3 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

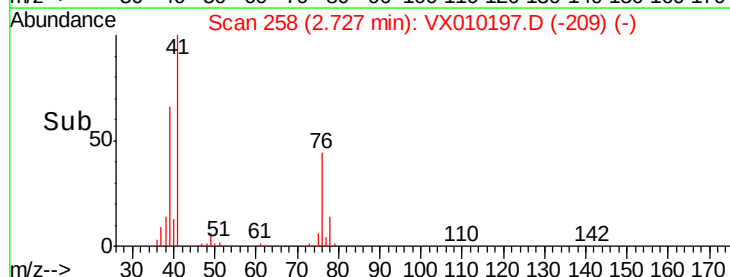
20000

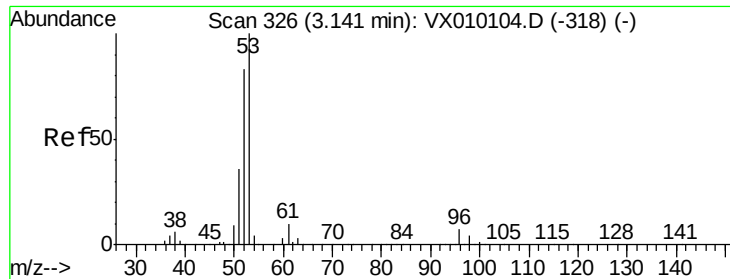
10000

0

Time-->

2.60 2.70 2.80

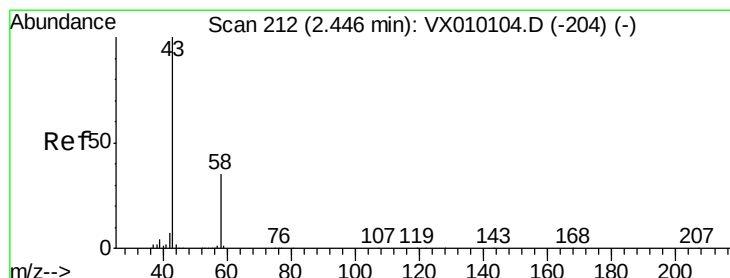
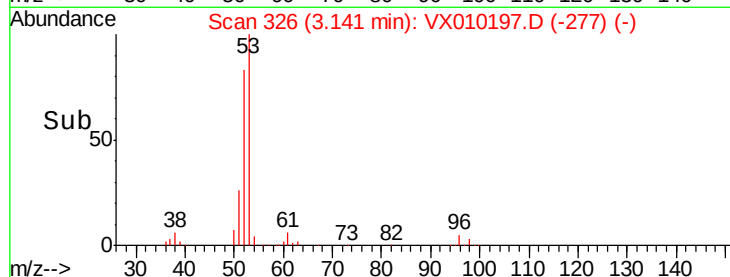
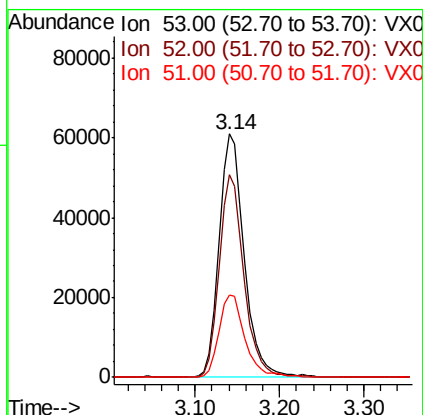
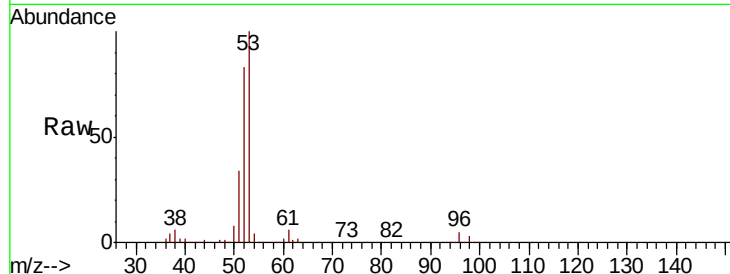




#15
 Acrylonitrile
 Concen: 102.398 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

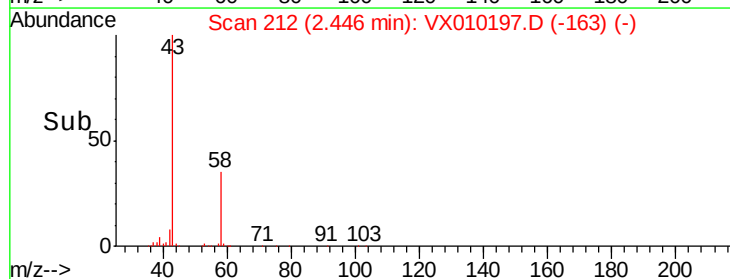
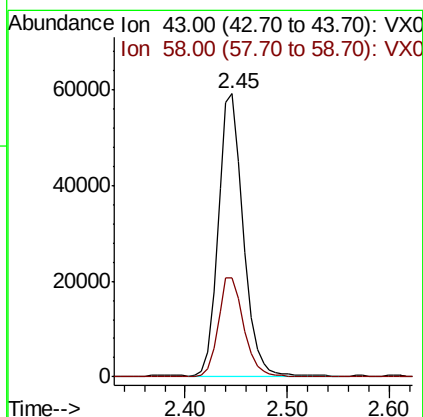
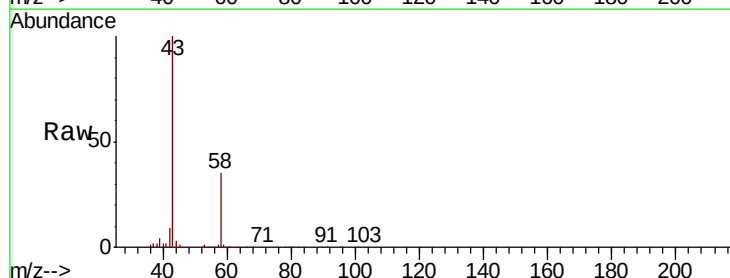
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

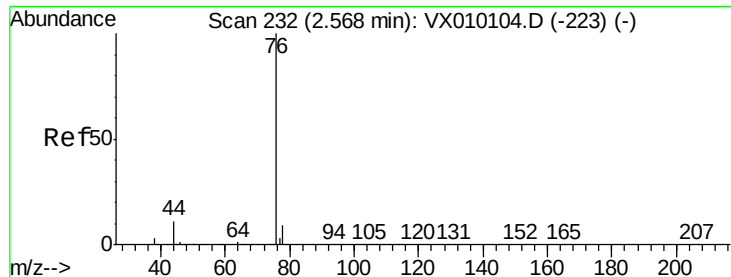
Tot Ion	53	Resp	125965
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.7	100.1
51	35.1	28.8	43.2



#16
 Acetone
 Concen: 86.527 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion	43	Resp	99983
Ion Ratio	Lower	Upper	
43	100		
58	35.0	23.2	34.8#





#17

Carbon Disulfide

Concen: 17.922 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

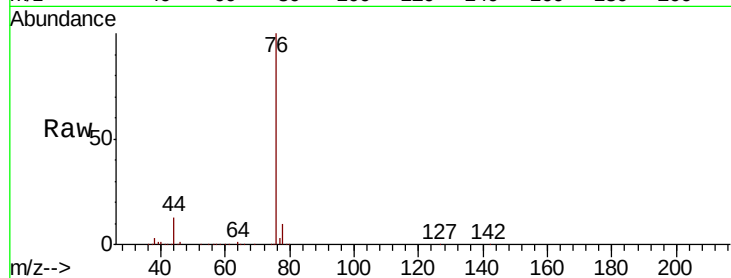
VX0610WBSD03

Tot Ion: 76 Resp: 117072

Ion Ratio Lower Upper

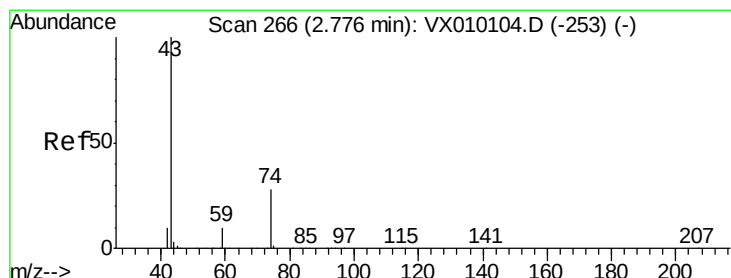
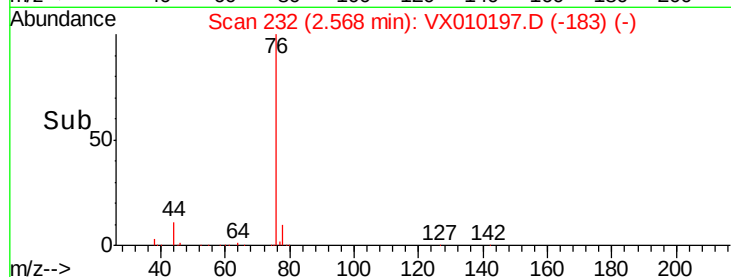
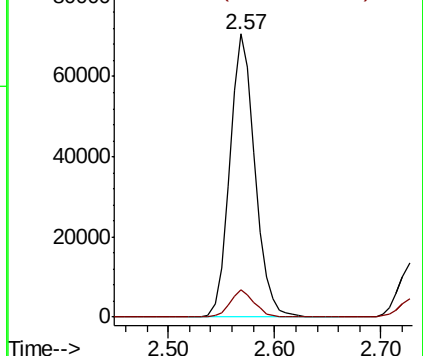
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.247 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010197.D

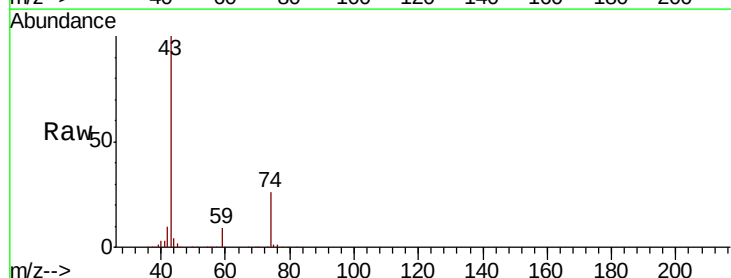
Acq: 10 Jun 2019 23:56

Tgt Ion: 43 Resp: 51451

Ion Ratio Lower Upper

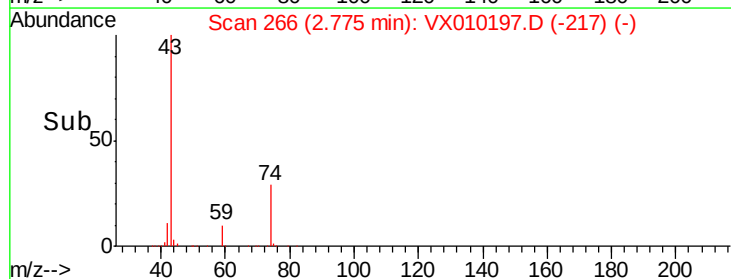
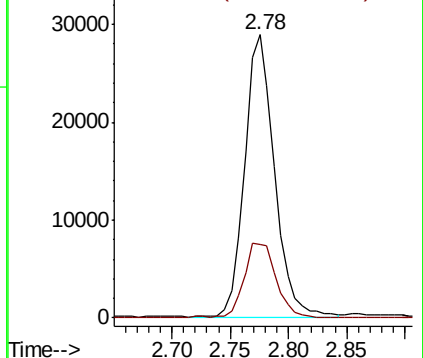
43 100

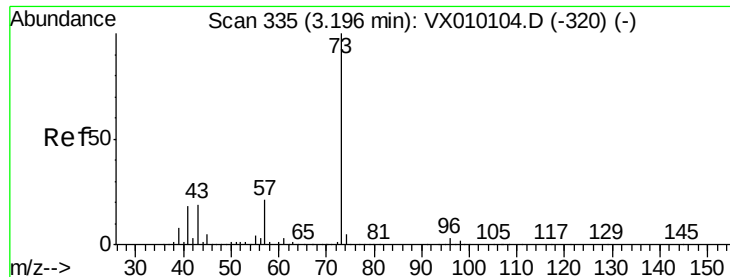
74 29.1 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

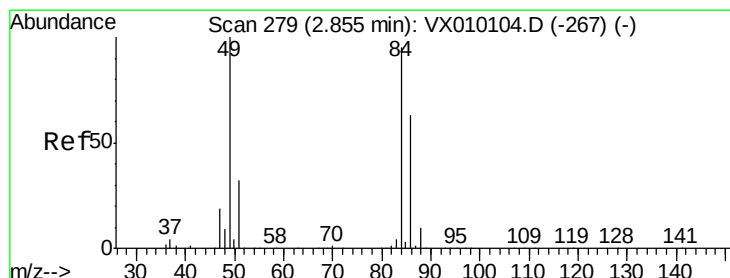
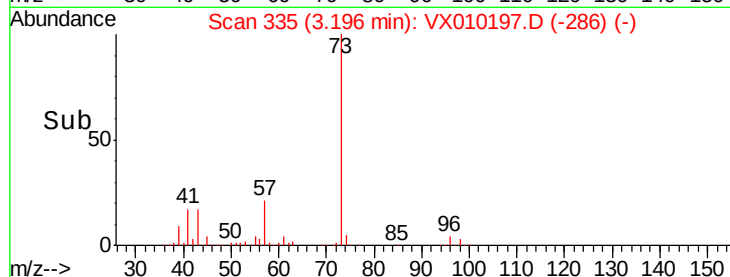
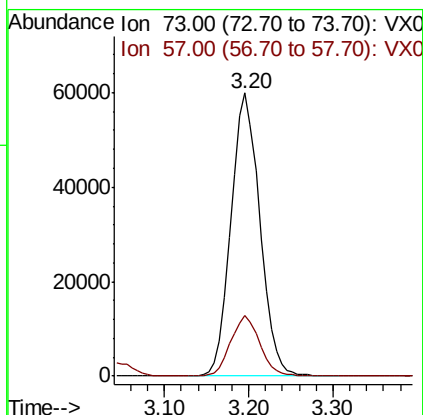
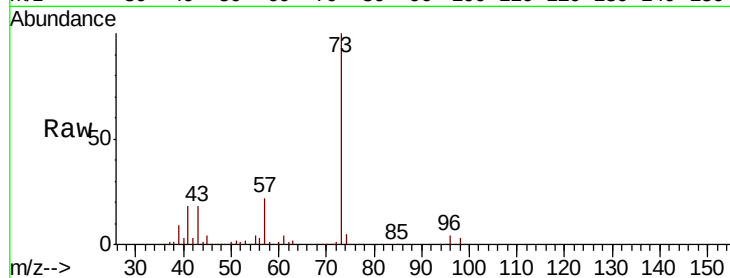




#19
Methvl tert-butvl Ether
Concen: 19.153 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

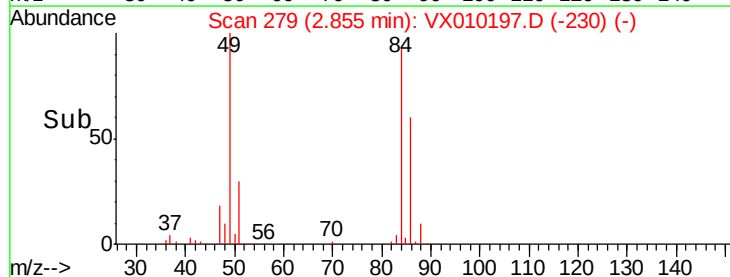
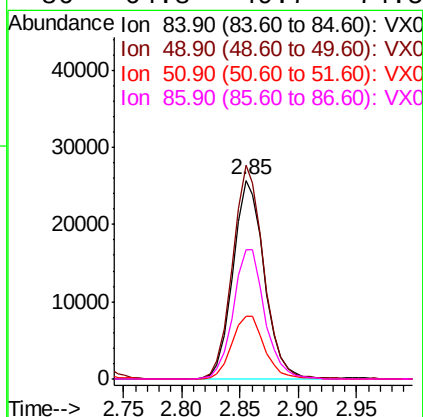
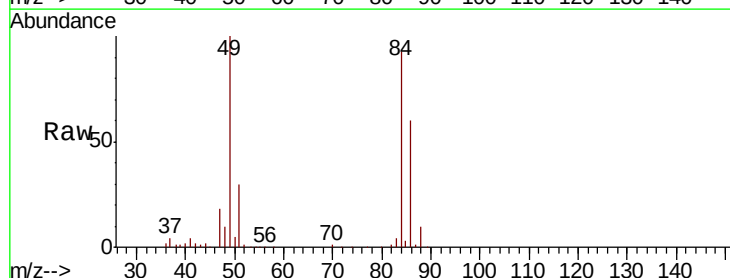
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

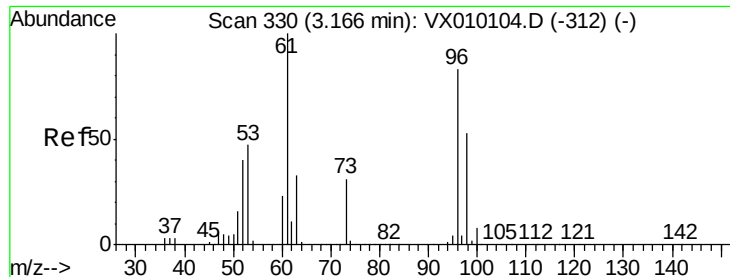
Tot Ion: 73 Resp: 139109
Ion Ratio Lower Upper
73 100
57 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 19.046 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 84 Resp: 48332
Ion Ratio Lower Upper
84 100
49 107.6 115.8 173.6#
51 31.7 34.4 51.6#
86 64.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.300 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

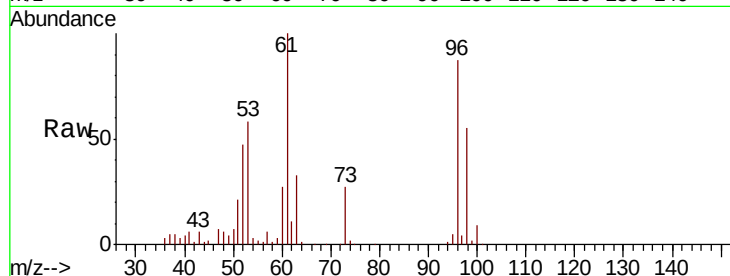
Tot Ion: 96 Resp: 45783

Ion Ratio Lower Upper

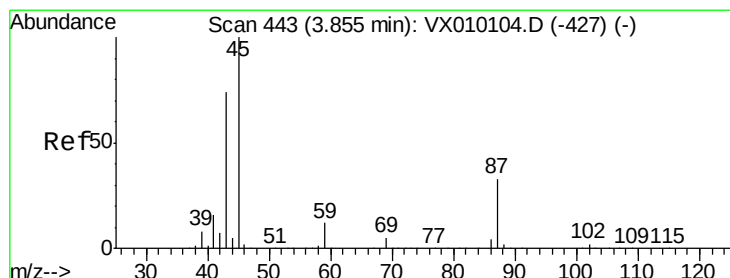
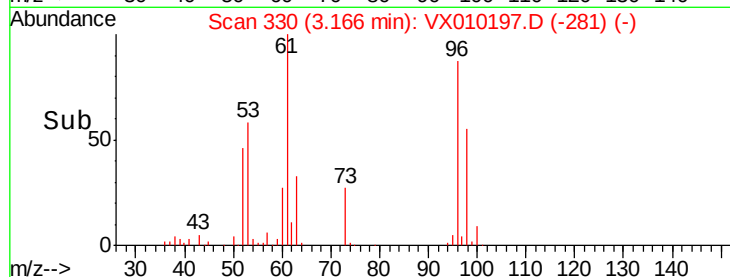
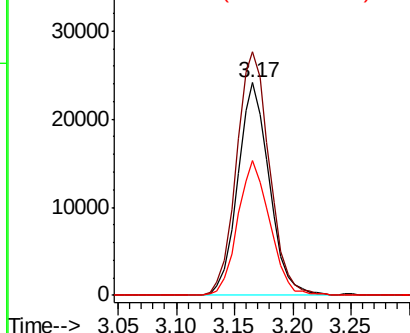
96 100

61 114.4 125.7 188.5#

98 63.3 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: 19.500 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Tgt Ion: 45 Resp: 127226

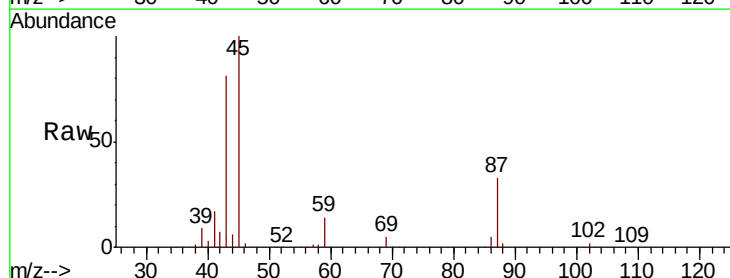
Ion Ratio Lower Upper

45 100

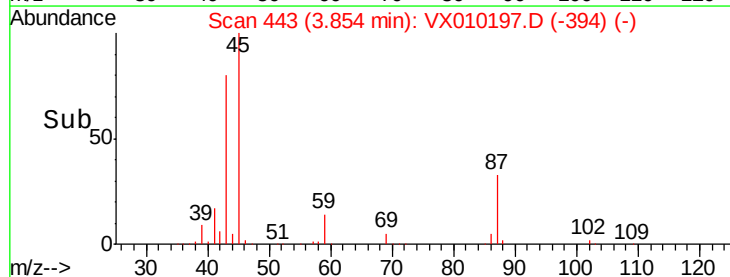
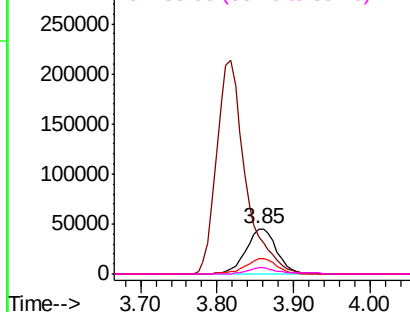
43 80.2 65.0 97.4

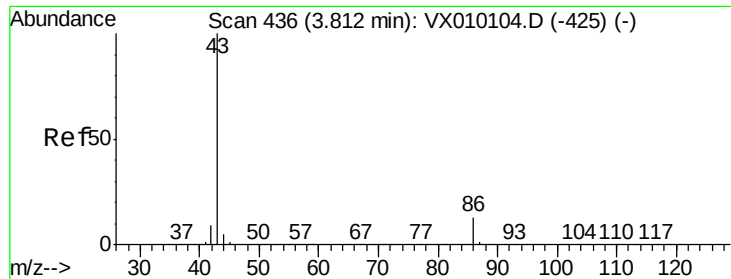
87 32.8 17.3 25.9#

59 13.8 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: 95.901 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

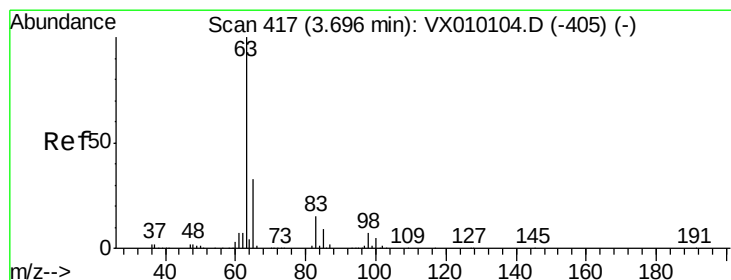
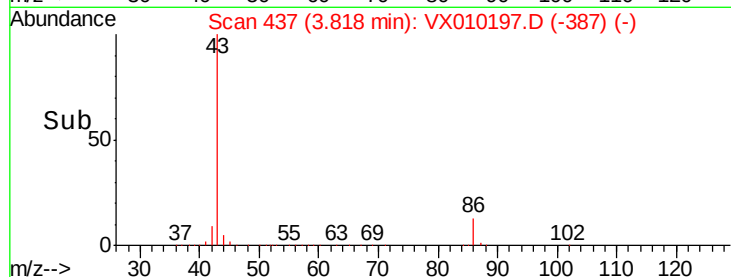
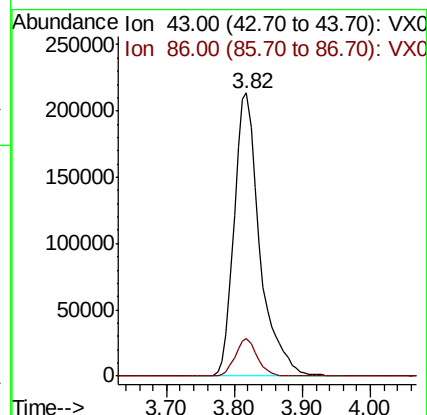
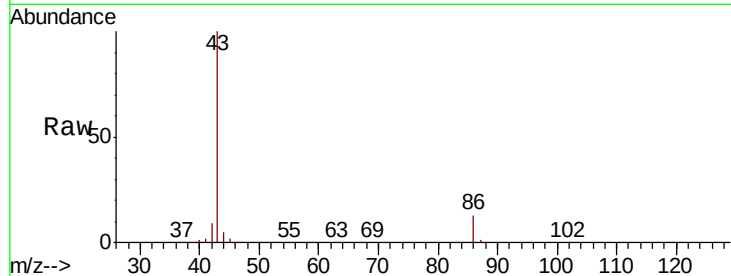
VX0610WBSD03

Tot Ion: 43 Resp: 558190

Ion Ratio Lower Upper

43 100

86 13.2 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 18.694 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

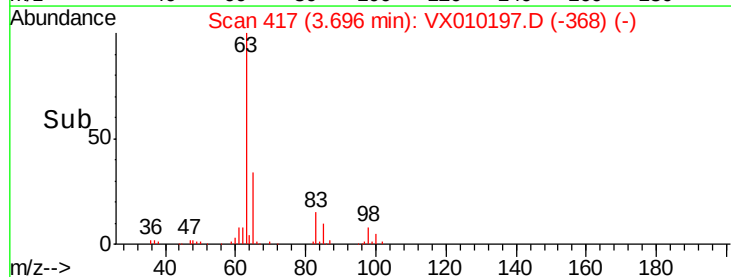
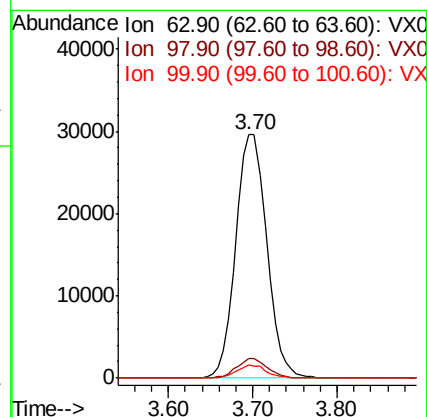
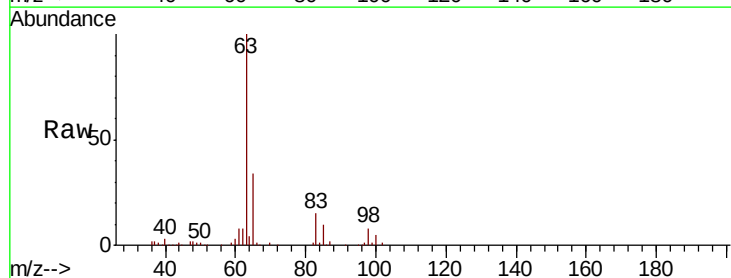
Tgt Ion: 63 Resp: 74053

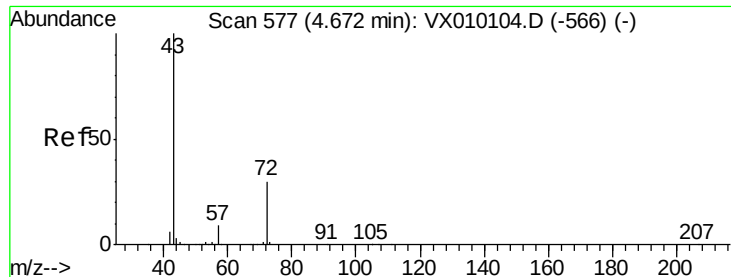
Ion Ratio Lower Upper

63 100

98 7.9 2.9 8.8

100 5.5 1.8 5.4#





#25

2-Butanone

Concen: 98.820 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

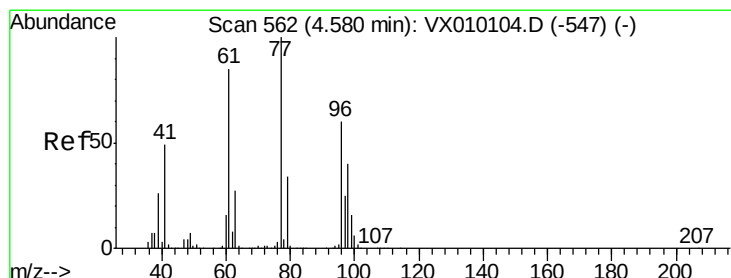
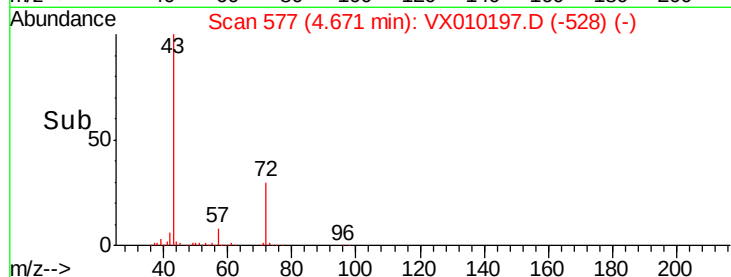
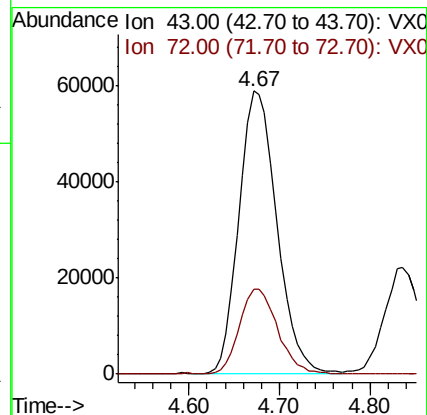
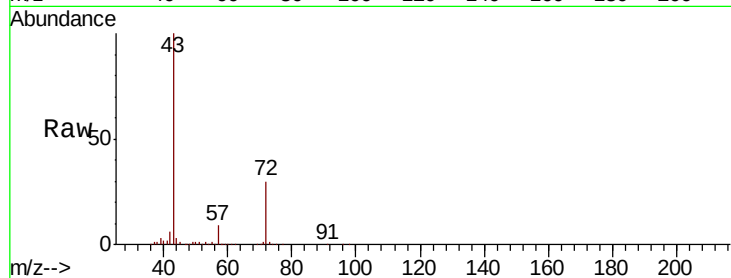
VX0610WBSD03

Tot Ion: 43 Resp: 170036

Ion Ratio Lower Upper

43 100

72 29.7 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 13.972 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010197.D

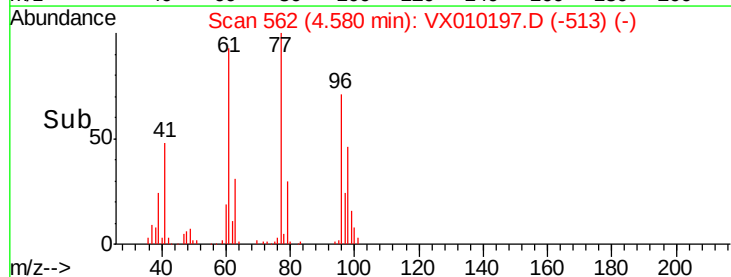
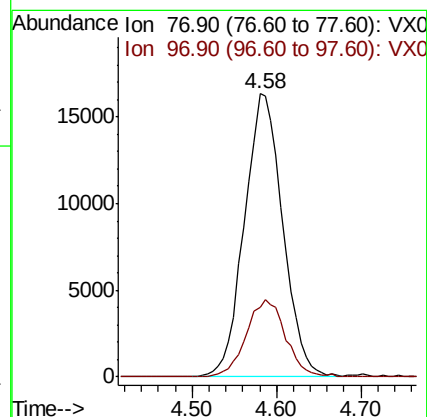
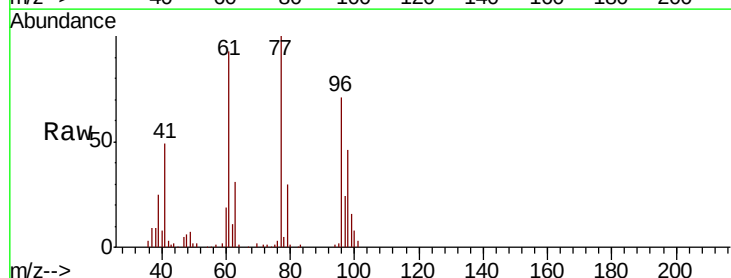
Acq: 10 Jun 2019 23:56

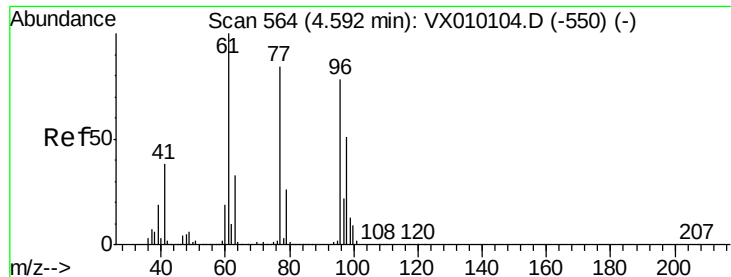
Tgt Ion: 77 Resp: 50494

Ion Ratio Lower Upper

77 100

97 27.9 11.4 34.2



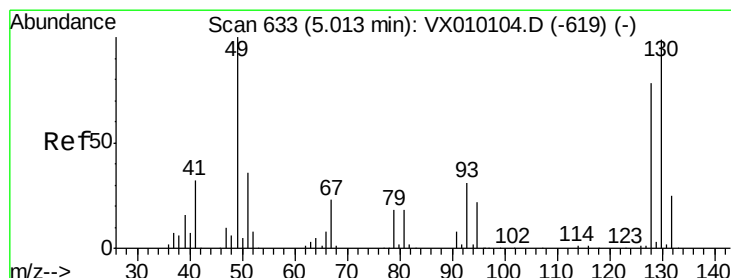
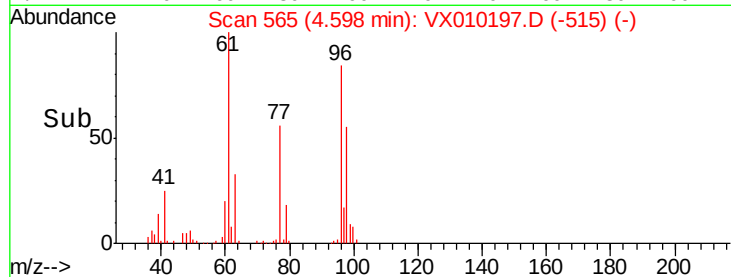
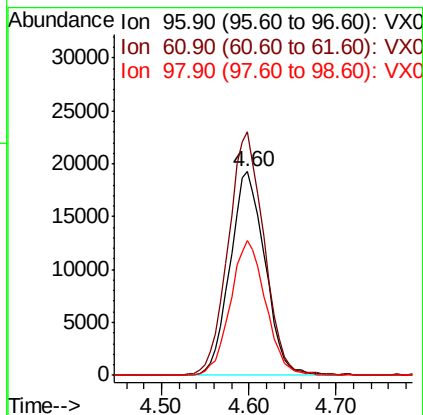
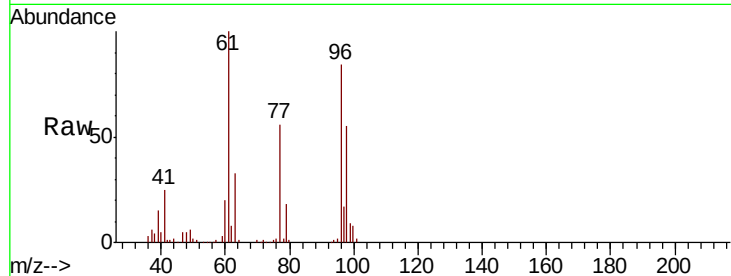


#27

cis-1,2-Dichloroethene
 Concen: 19.232 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

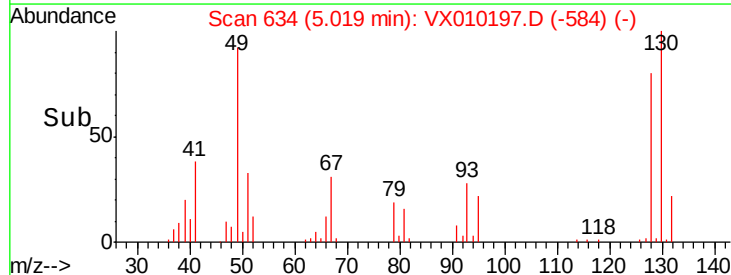
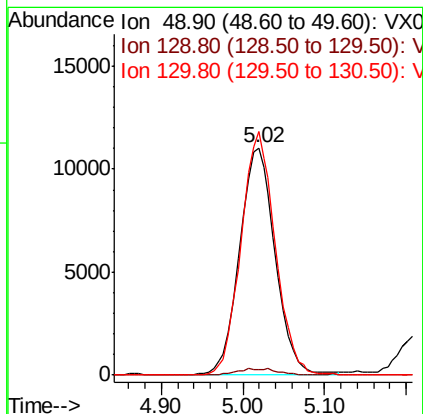
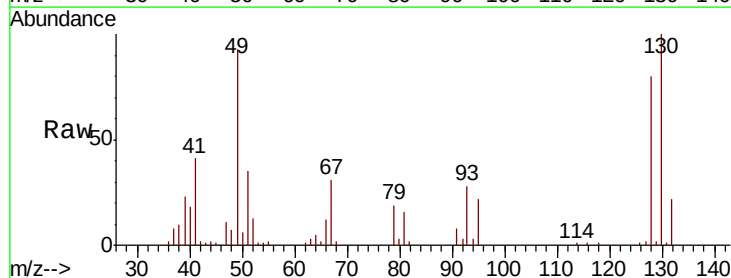
Tot Ion	96	Resp	53526
Ion	Ratio	Lower	Upper
96	100		
61	122.6	0.0	334.0
98	66.5	0.0	131.6

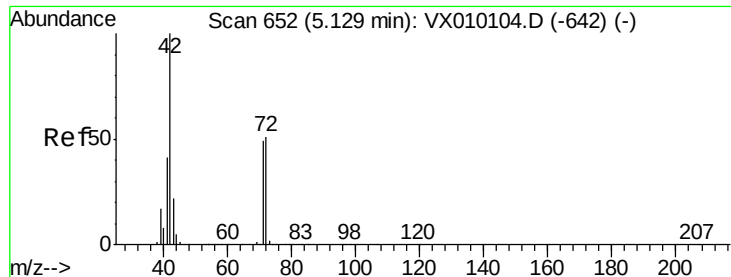


#28

Bromochloromethane
 Concen: 18.888 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion	49	Resp	33534
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	102.6	49.4	74.2#





#29

Tetrahydrofuran

Concen: 99.696 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

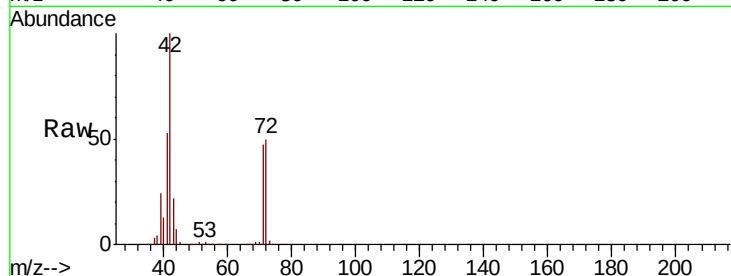
Tot Ion: 42 Resp: 107807

Ion Ratio Lower Upper

42 100

72 53.4 29.2 43.8#

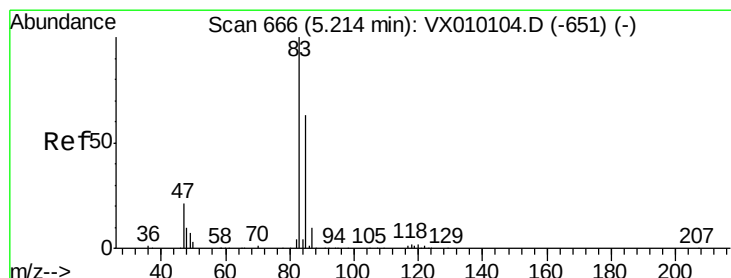
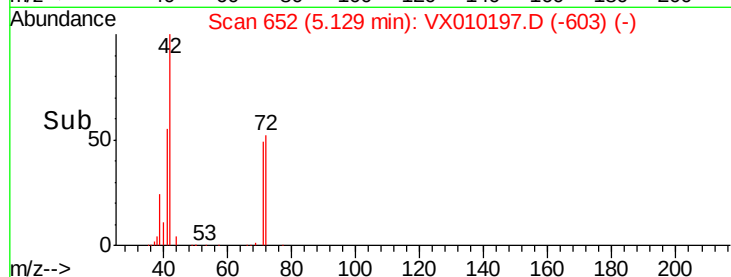
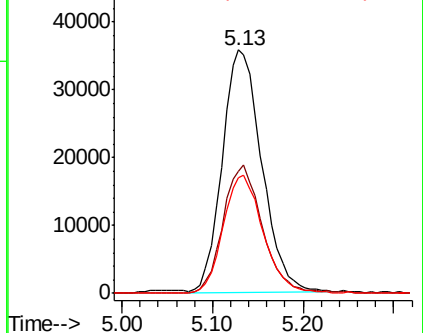
71 49.3 27.6 41.4#



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: 19.139 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010197.D

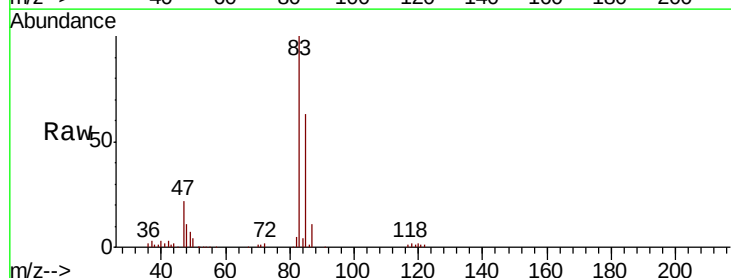
Acq: 10 Jun 2019 23:56

Tgt Ion: 83 Resp: 78740

Ion Ratio Lower Upper

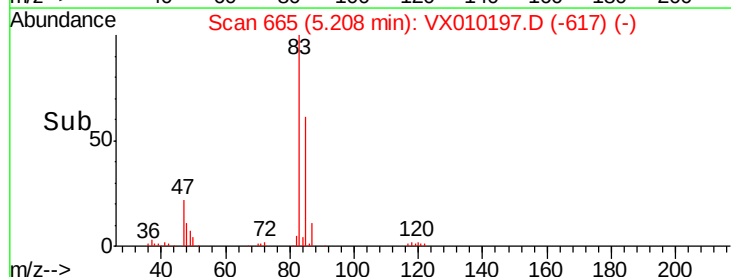
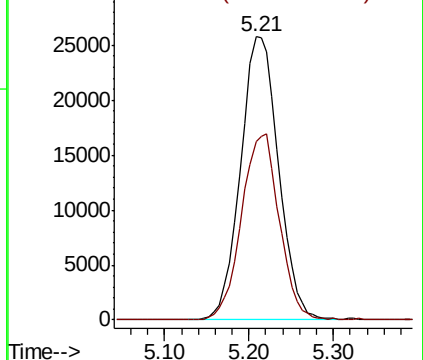
83 100

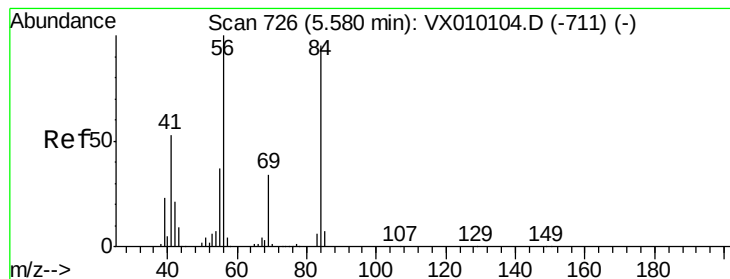
85 63.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.274 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

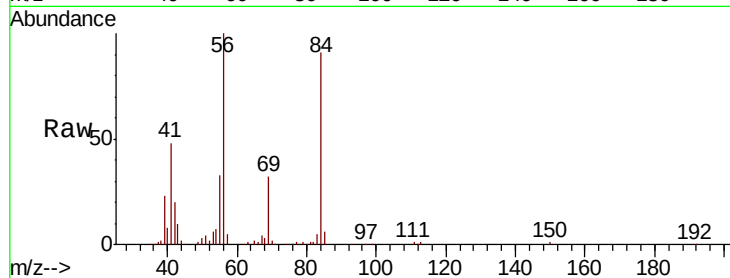
Tot Ion: 56 Resp: 68909

Ion Ratio Lower Upper

56 100

69 32.4 21.6 32.4

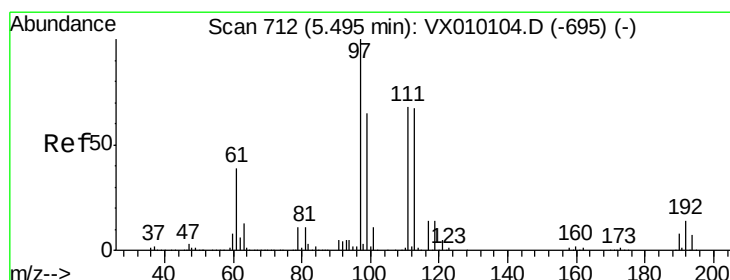
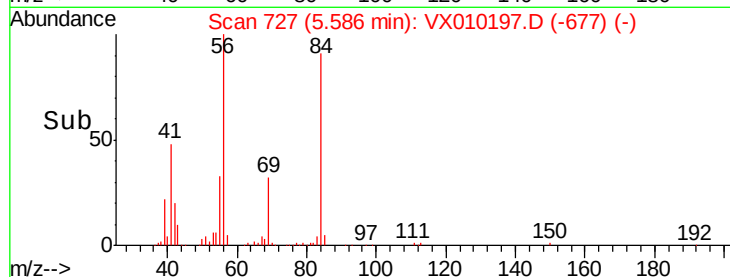
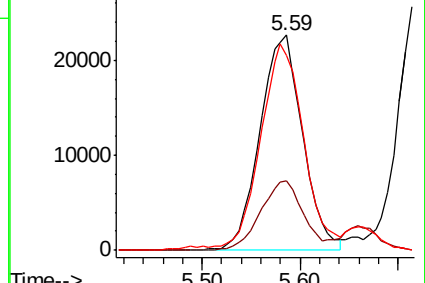
84 88.8 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.444 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

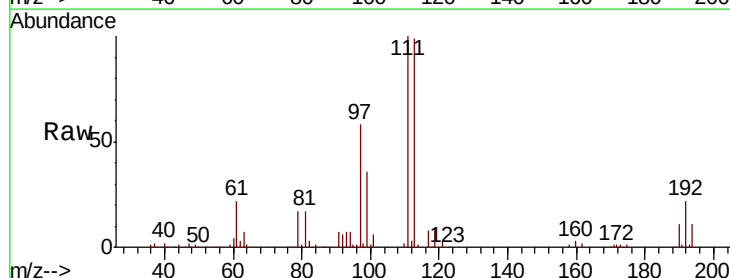
Tgt Ion: 97 Resp: 71336

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

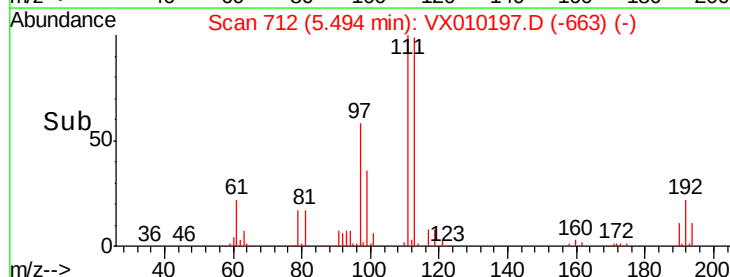
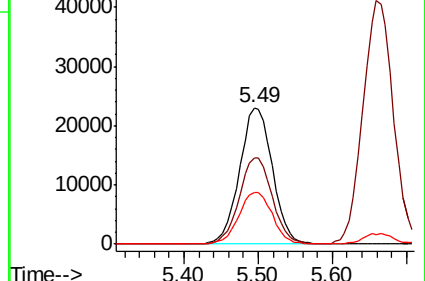
61 39.0 38.7 58.1

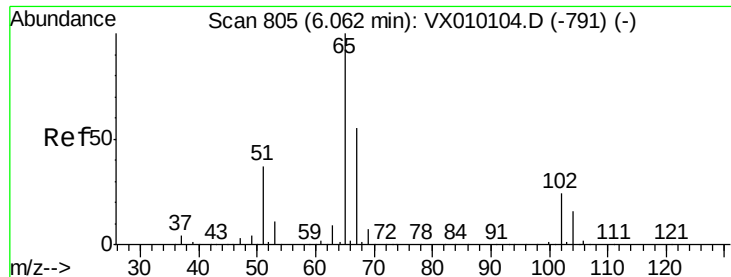


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

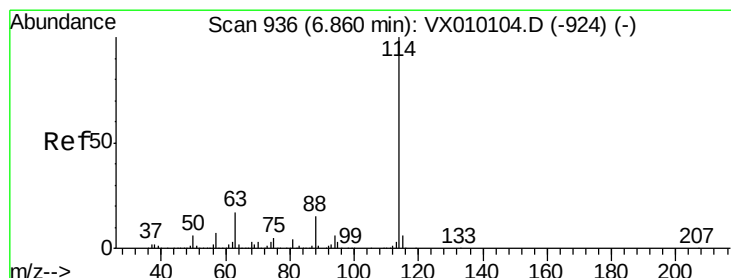
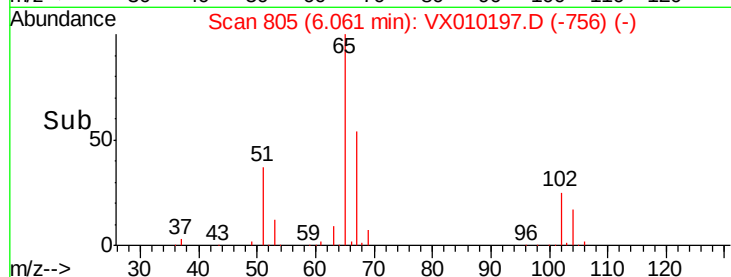
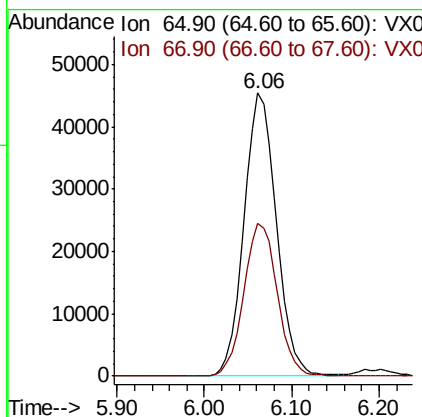
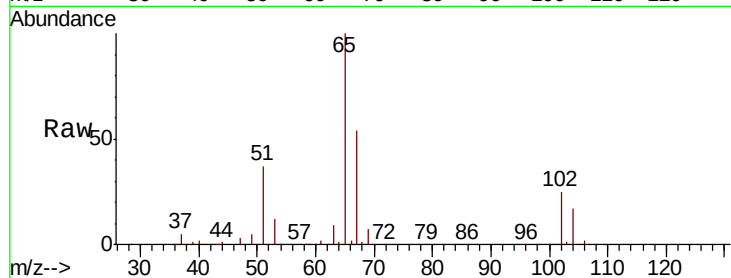




#33
 1,2-Dichloroethane-d4
 Concen: 47.621 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

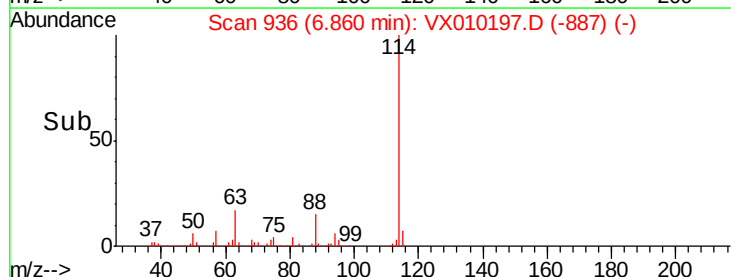
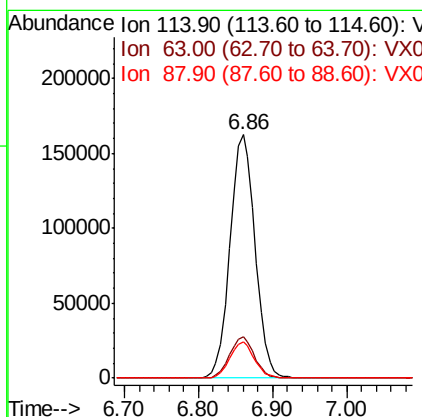
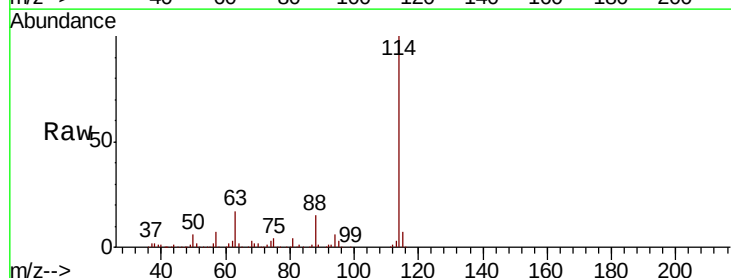
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

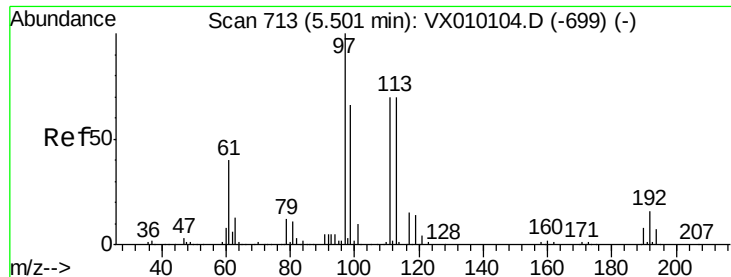
Tot Ion: 65 Resp: 116993
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion: 114 Resp: 383394
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 47.4
 88 14.7 0.0 33.0

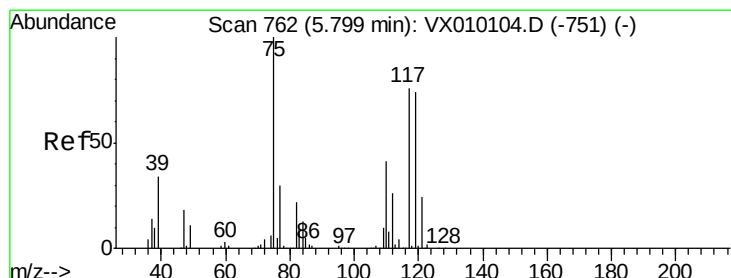
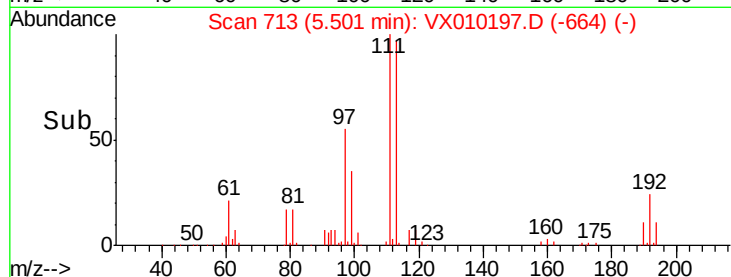
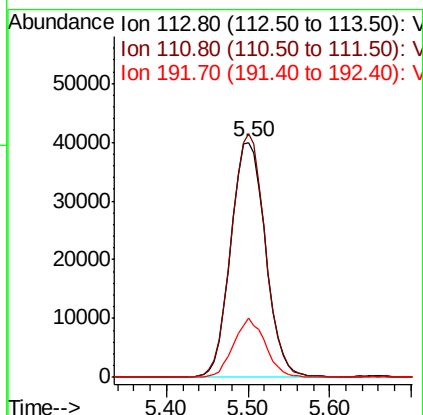
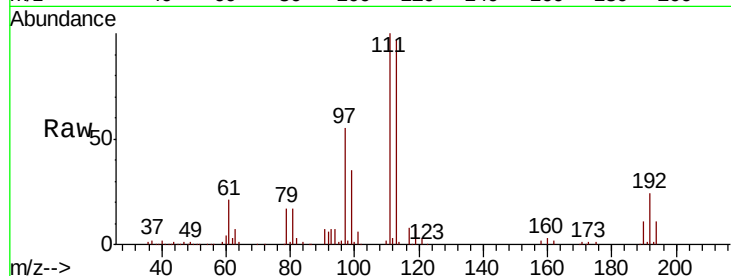




#35
 Dibromofluoromethane
 Concen: 49.931 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

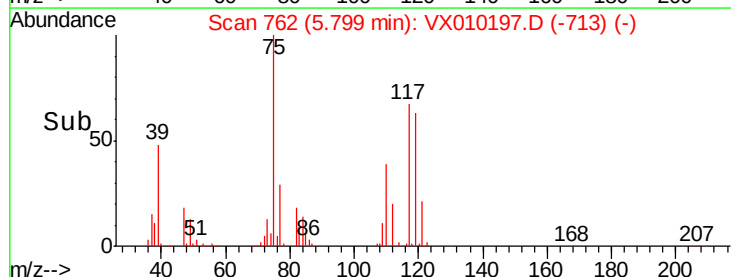
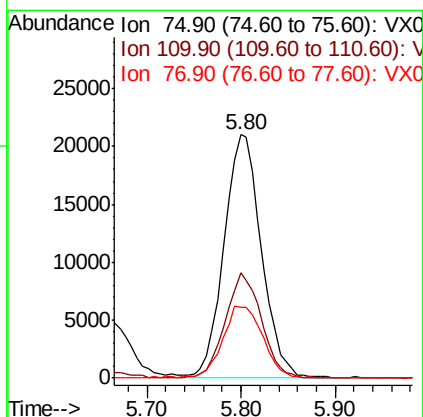
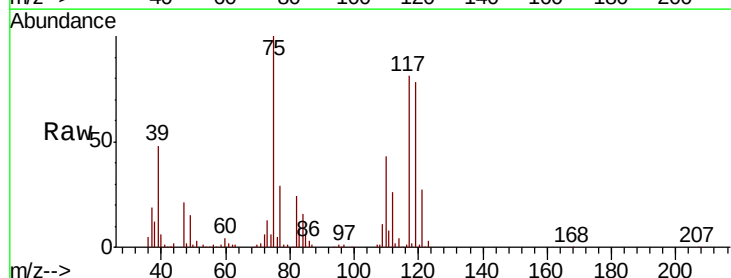
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

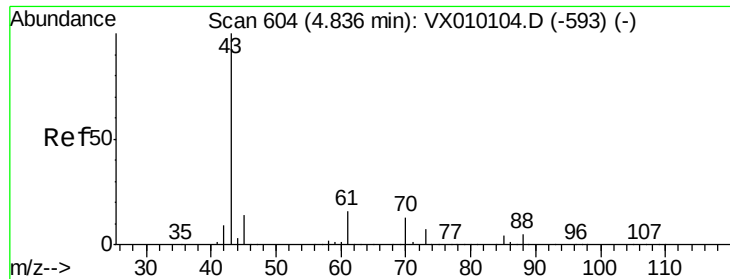
Tot Ion:113 Resp: 118080
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.2
 192 22.9 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 18.494 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion: 75 Resp: 57847
 Ion Ratio Lower Upper
 75 100
 110 41.7 16.7 50.1
 77 31.9 25.0 37.4

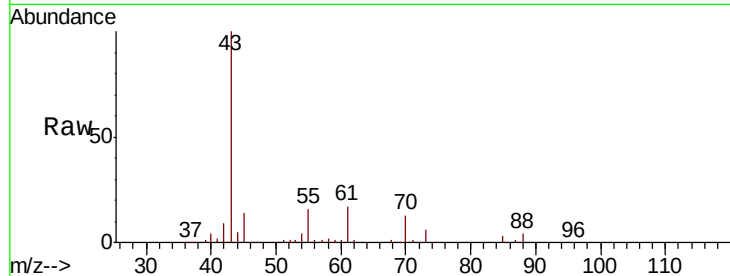




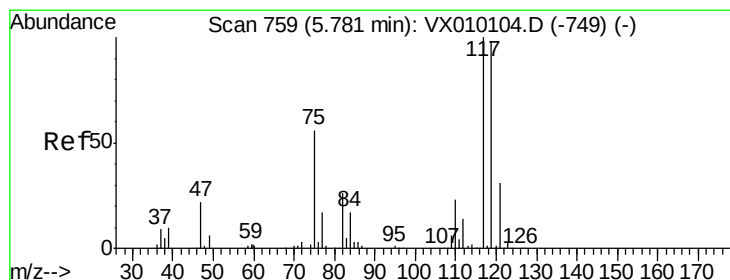
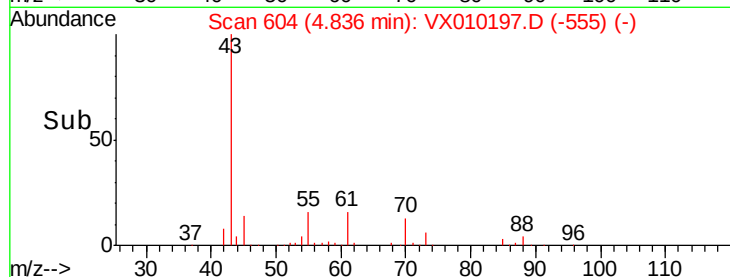
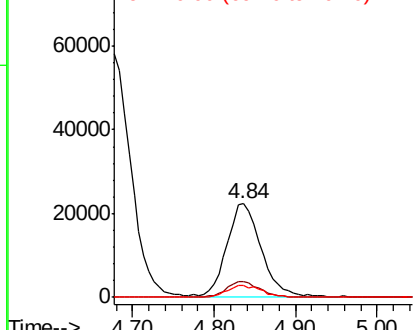
#37
Ethyl Acetate
Concen: 19.757 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

Tot Ion: 43 Resp: 64299
Ion Ratio Lower Upper
43 100
61 17.0 10.2 15.2#
70 13.2 7.4 11.2#

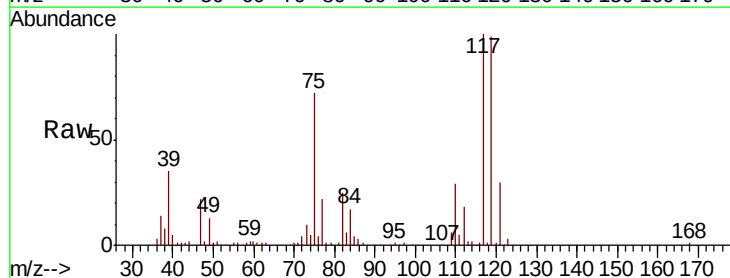


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

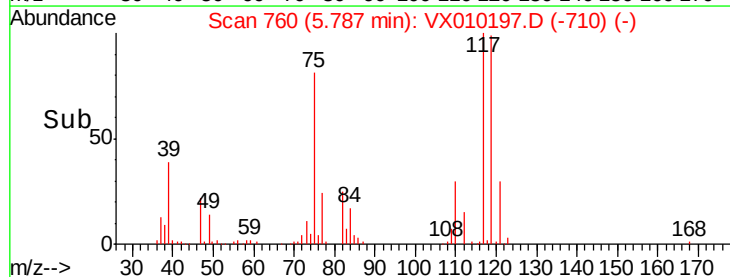
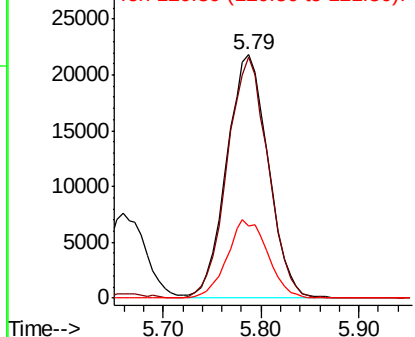


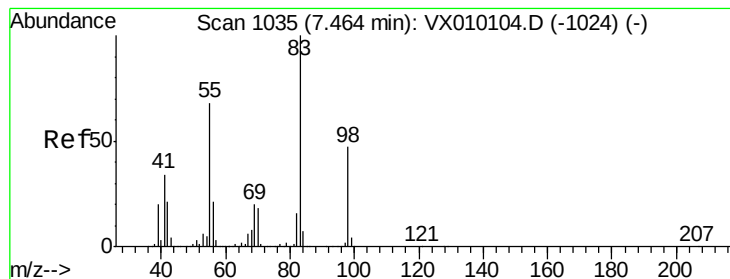
#38
Carbon Tetrachloride
Concen: 18.118 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 117 Resp: 64144
Ion Ratio Lower Upper
117 100
119 99.2 77.3 115.9
121 29.8 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

Methylvlcyclohexane

Concen: 17.901 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

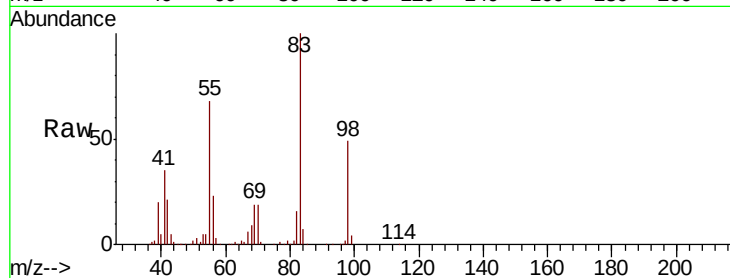
Tot Ion: 83 Resp: 76244

Ion Ratio Lower Upper

83 100

55 67.9 69.9 104.9#

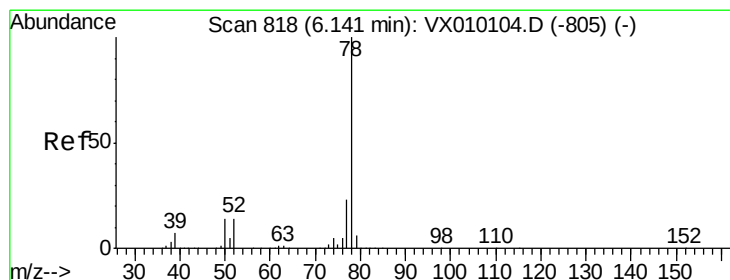
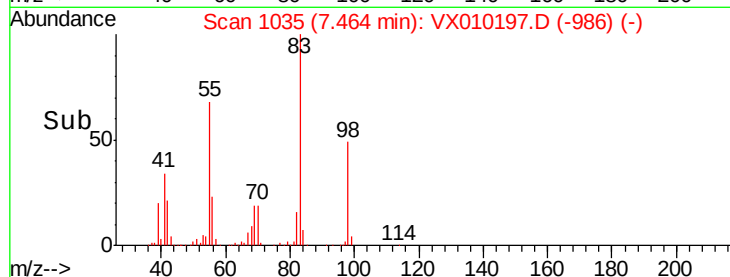
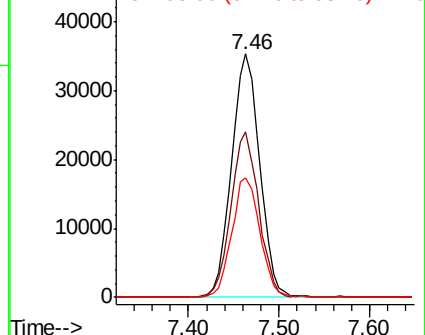
98 48.9 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.465 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010197.D

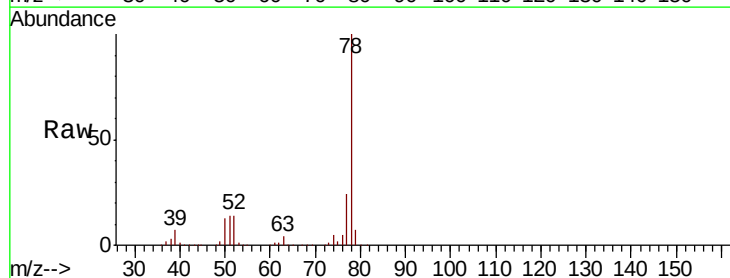
Acq: 10 Jun 2019 23:56

Tgt Ion: 78 Resp: 188264

Ion Ratio Lower Upper

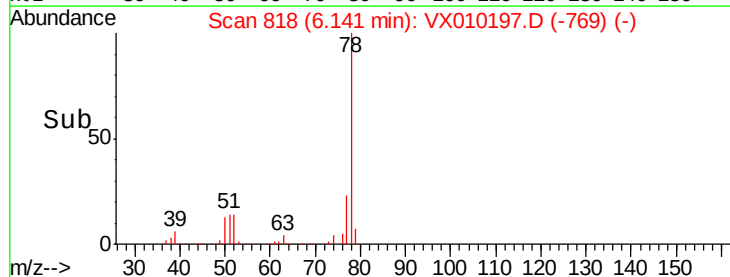
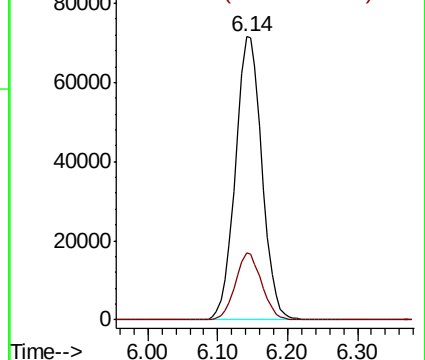
78 100

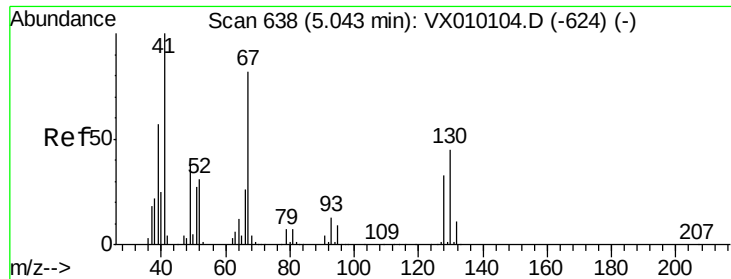
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

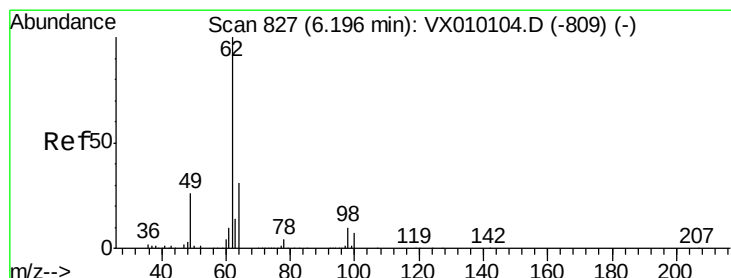
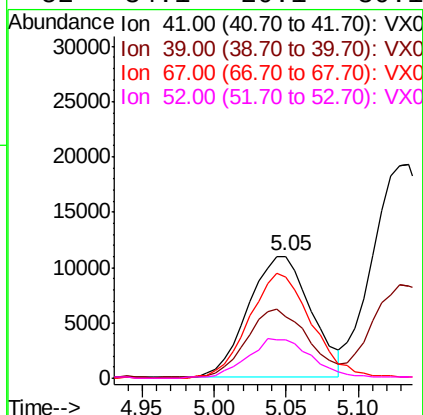
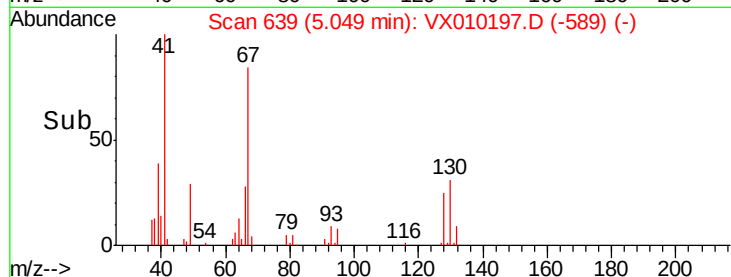
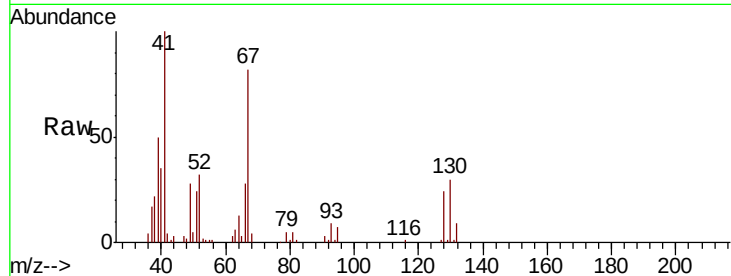




#41
Methacrylonitrile
Concen: 18.690 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

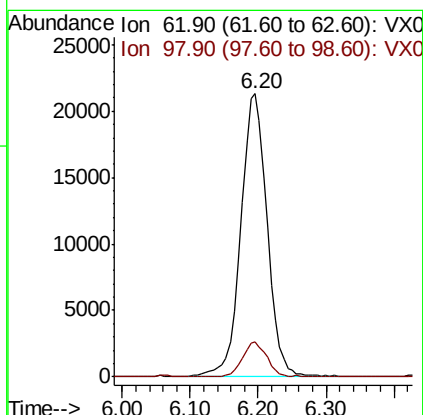
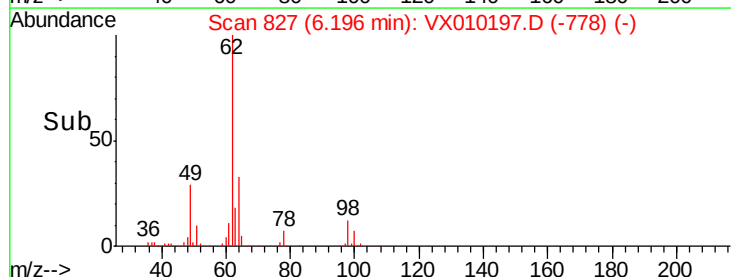
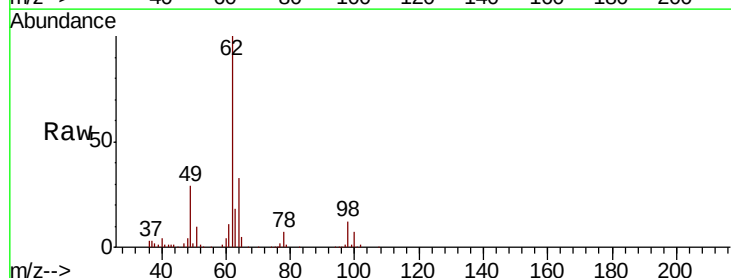
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

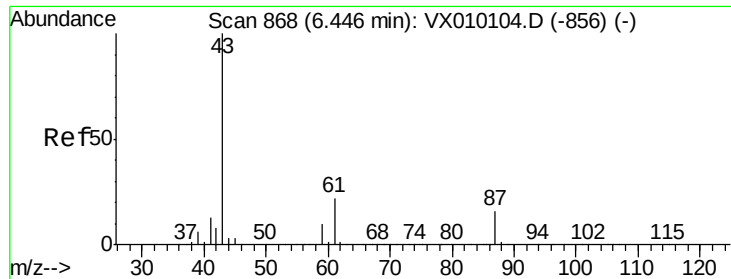
Tot Ion: 41 Resp: 32904
Ion Ratio Lower Upper
41 100
39 55.6 42.2 63.4
67 87.3 48.9 73.3#
52 34.1 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 18.579 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 62 Resp: 57370
Ion Ratio Lower Upper
62 100
98 11.5 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.159 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

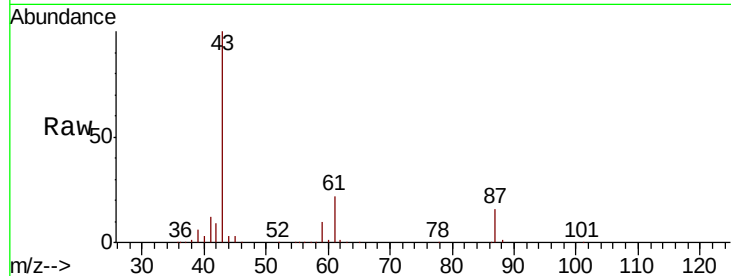
Tot Ion: 43 Resp: 104255

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

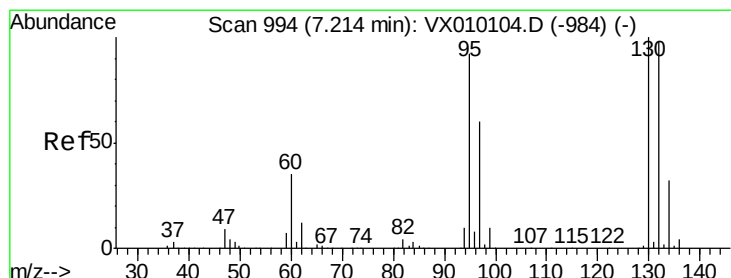
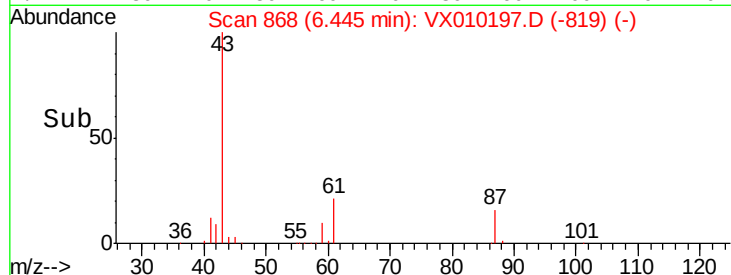
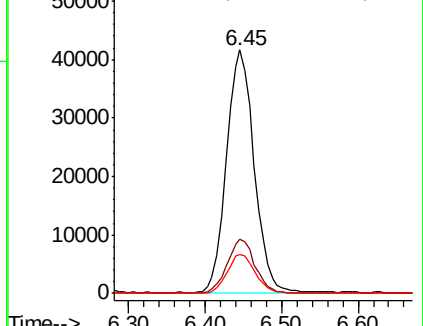
87 16.2 8.7 13.1#



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: 19.245 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010197.D

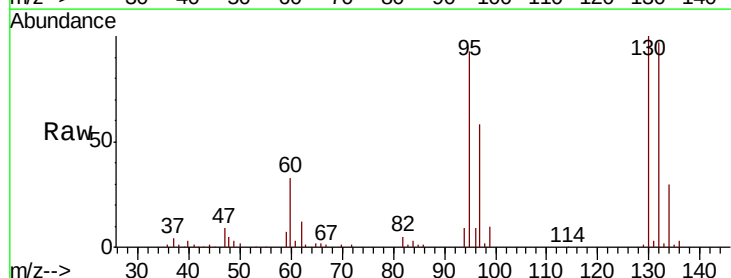
Acq: 10 Jun 2019 23:56

Tgt Ion: 130 Resp: 56108

Ion Ratio Lower Upper

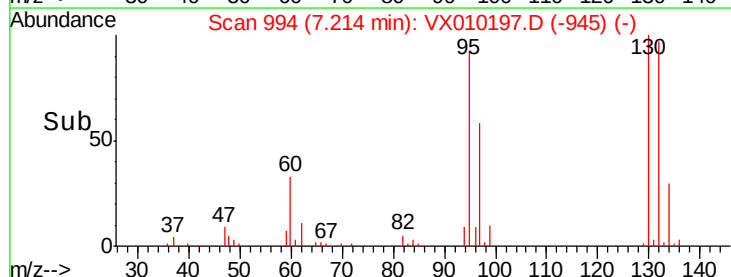
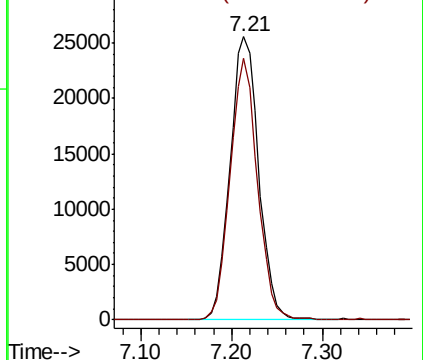
130 100

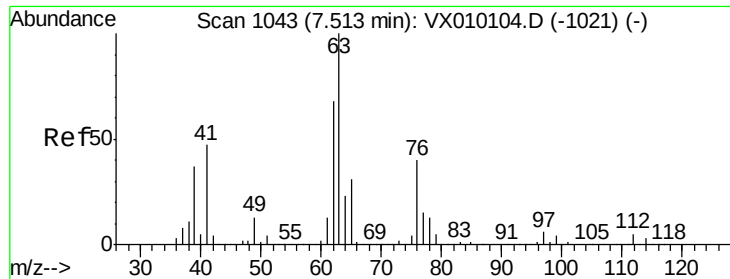
95 92.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

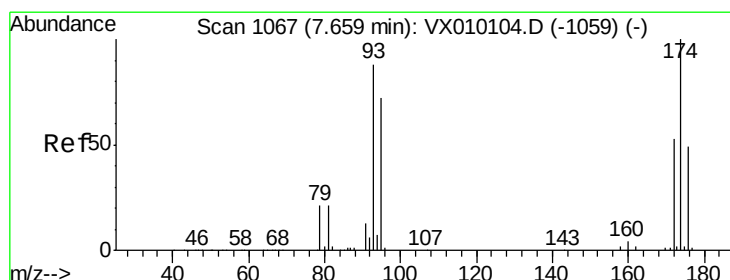
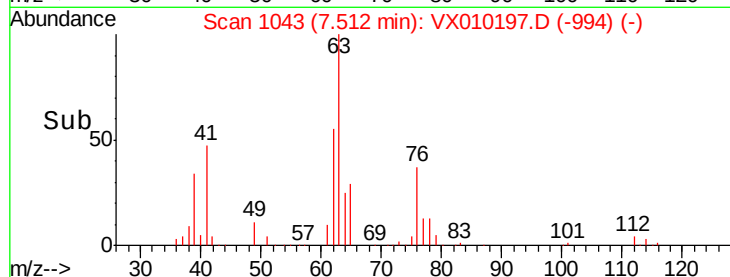
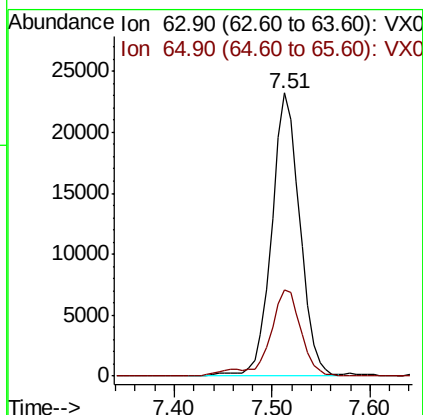
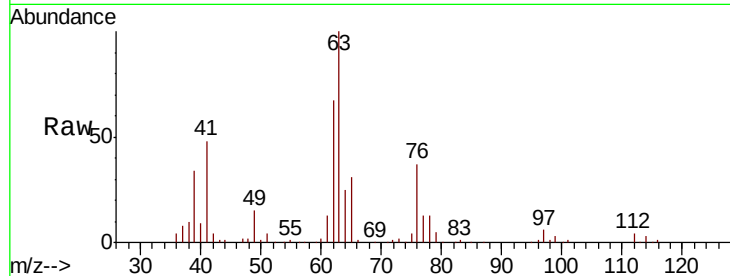




#45
 1,2-Dichloropropane
 Concen: 19.299 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

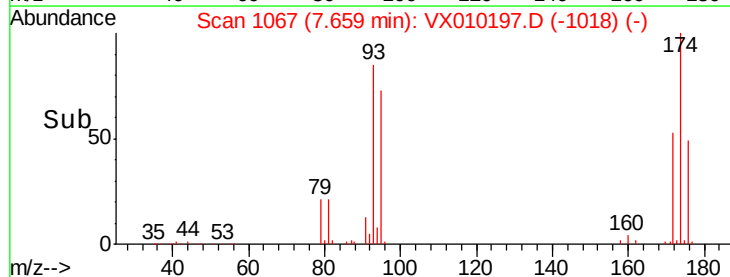
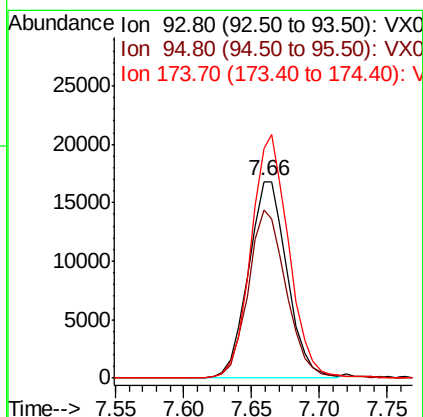
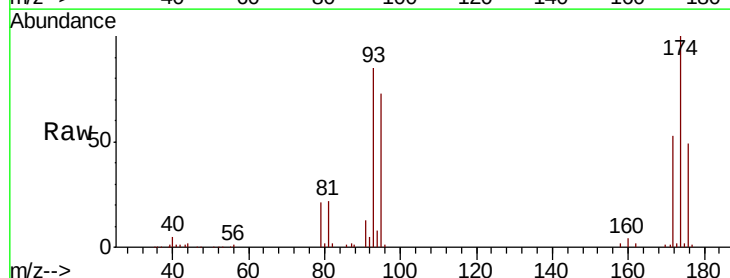
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

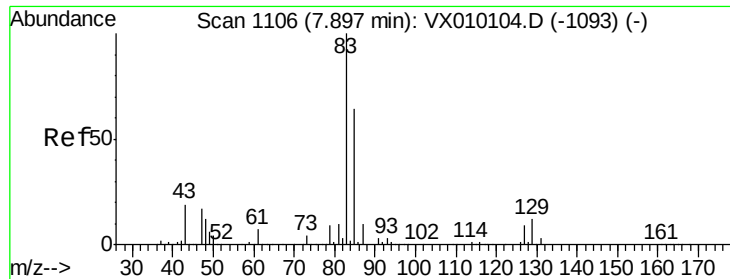
Tot Ion: 63 Resp: 46720
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.7 38.5



#46
 Dibromomethane
 Concen: 18.495 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion: 93 Resp: 33544
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 120.5 81.9 122.9





#47

Bromodichloromethane

Concen: 18.597 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0610WBSD03

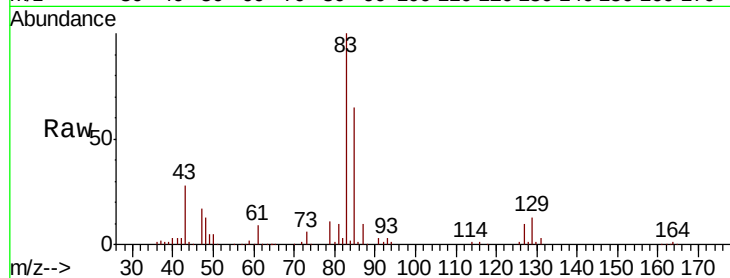
Tot Ion: 83 Resp: 63024

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.2

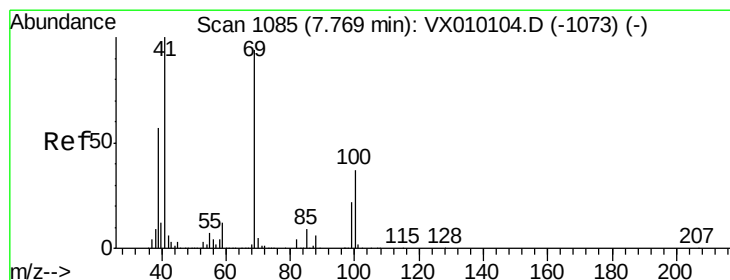
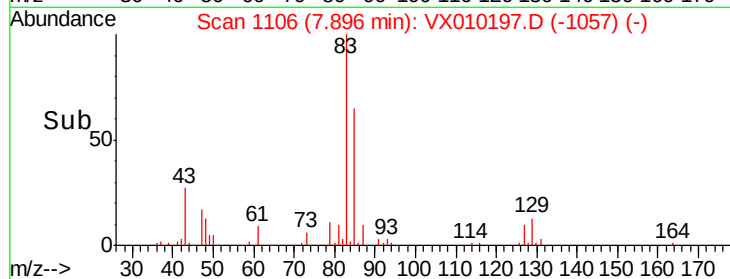
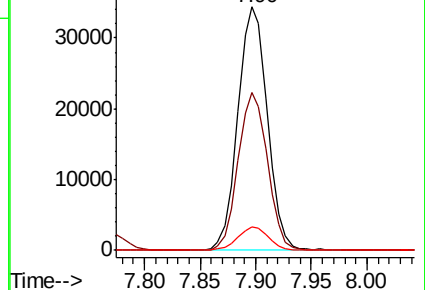
127 9.8 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.177 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

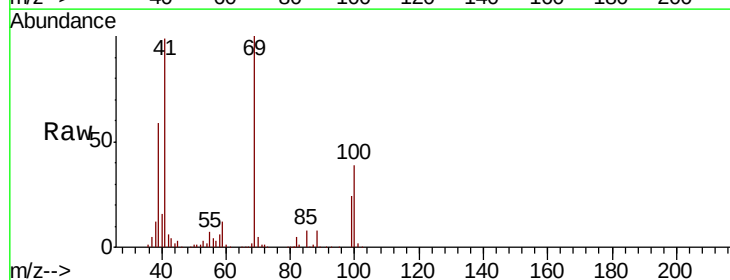
Tgt Ion: 41 Resp: 48803

Ion Ratio Lower Upper

41 100

69 98.7 56.4 84.6#

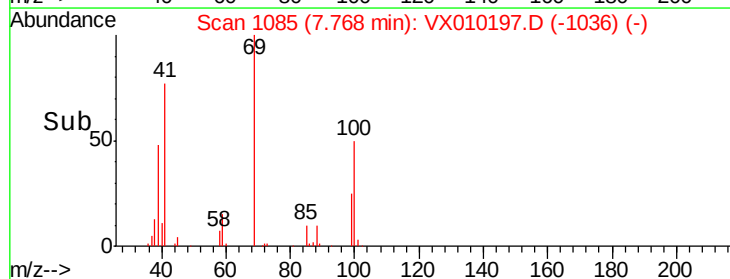
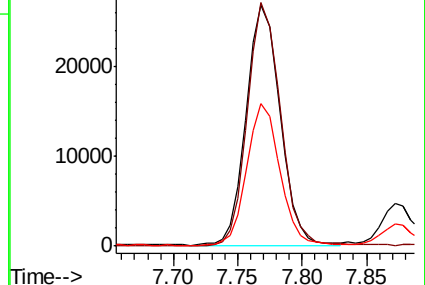
39 58.7 40.6 60.8

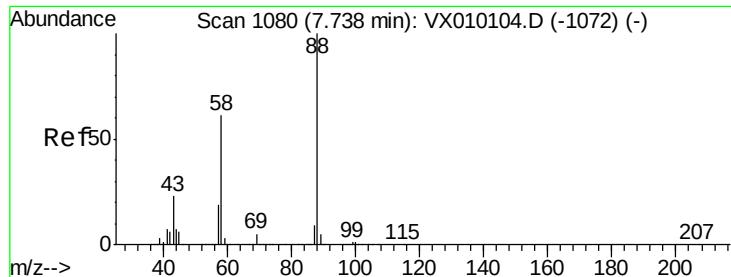


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 401.923 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampled :

VX0610WBSD03

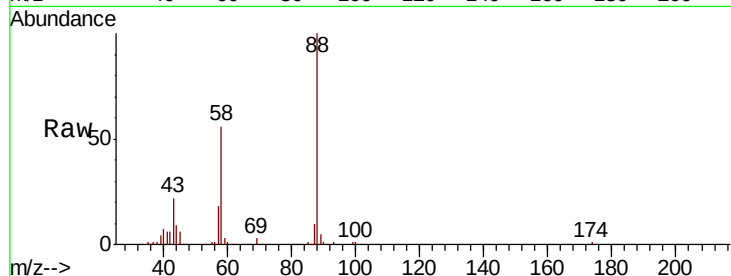
Tot Ion: 88 Resp: 29162

Ion Ratio Lower Upper

88 100

43 25.0 30.2 45.4#

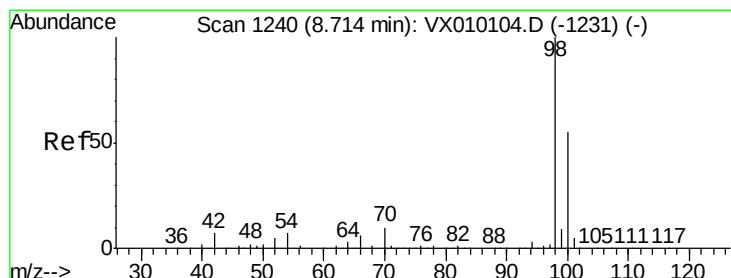
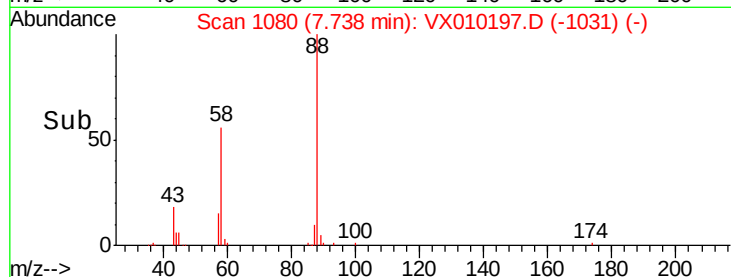
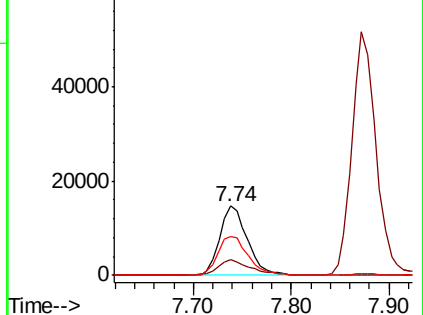
58 61.9 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010197.D

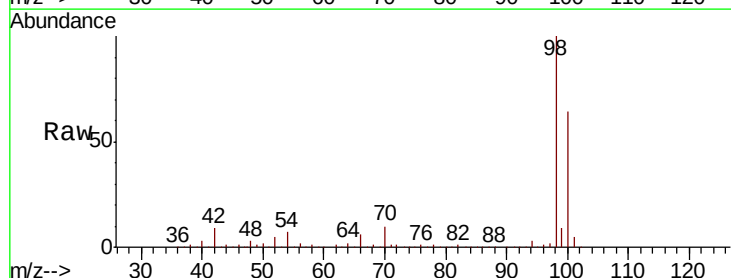
Acq: 10 Jun 2019 23:56

Tgt Ion: 98 Resp: 449357

Ion Ratio Lower Upper

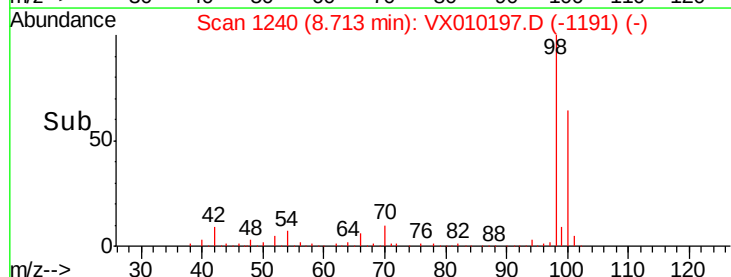
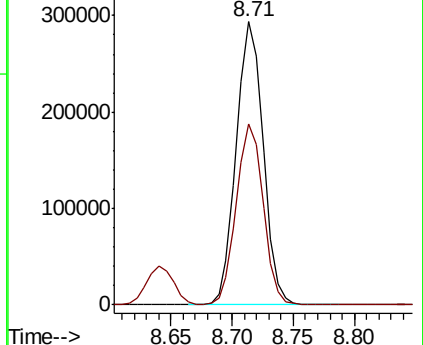
98 100

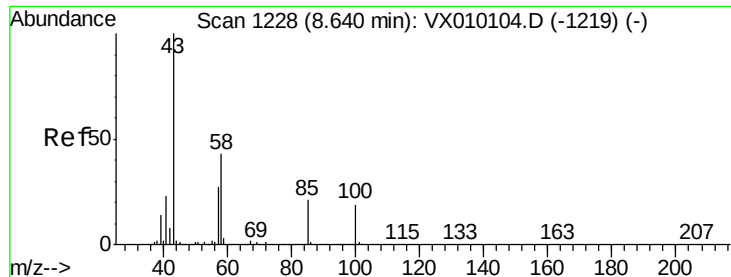
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 103.718 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

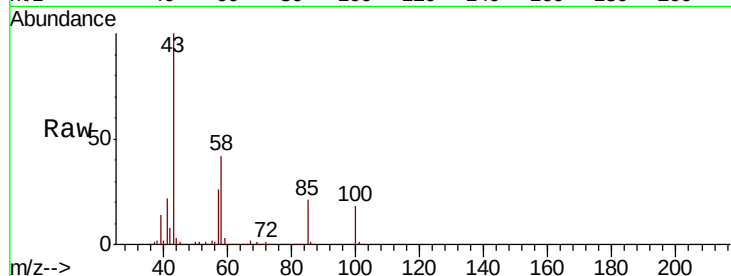
VX0610WBSD03

Tot Ion: 43 Resp: 337161

Ion Ratio Lower Upper

43 100

58 42.2 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

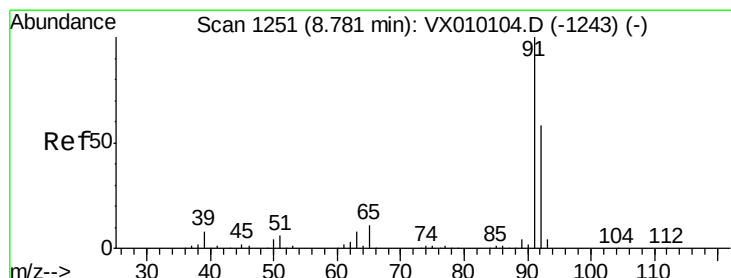
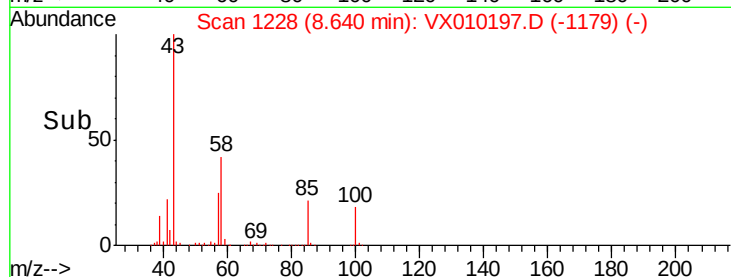
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.980 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010197.D

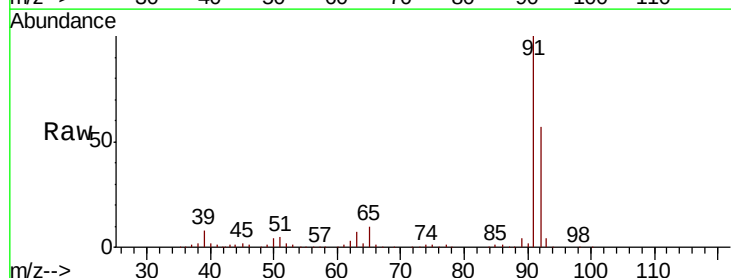
Acq: 10 Jun 2019 23:56

Tgt Ion: 92 Resp: 120670

Ion Ratio Lower Upper

92 100

91 176.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

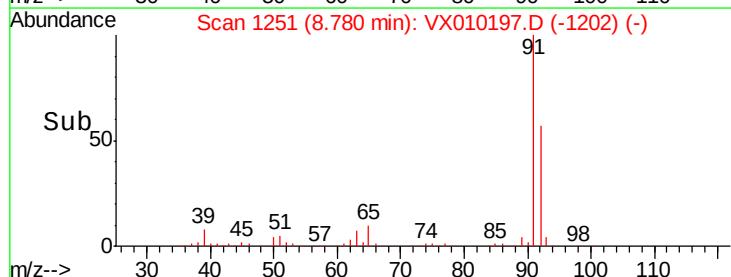
150000

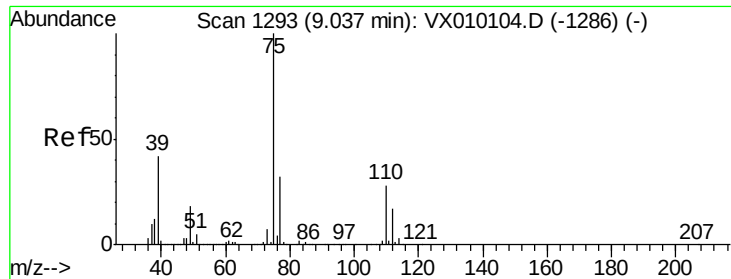
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.028 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

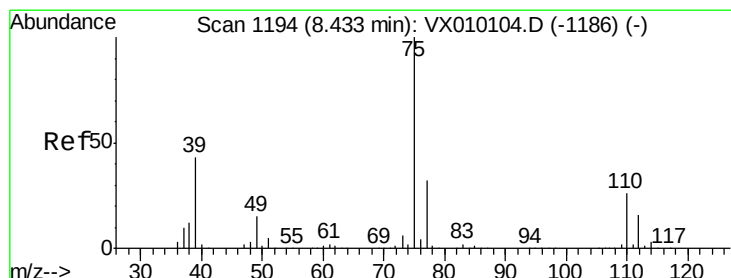
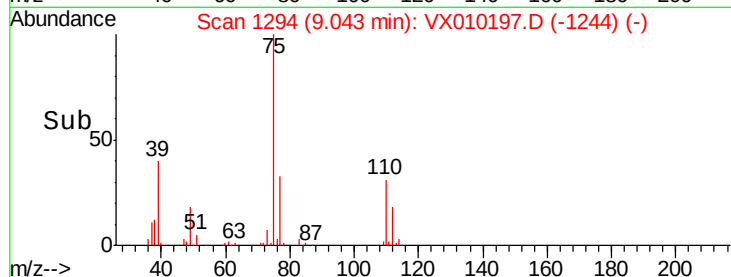
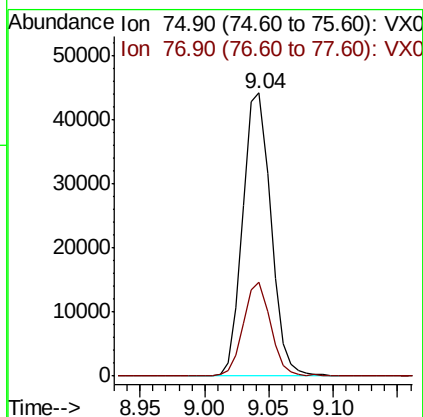
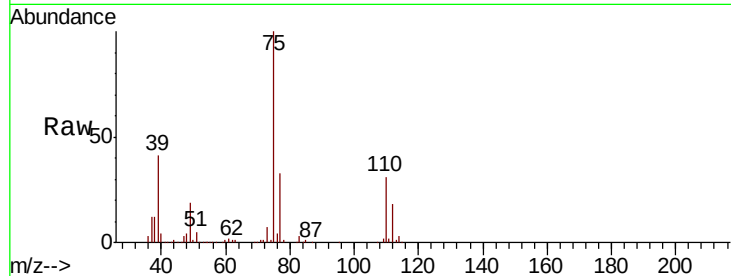
VX0610WBSD03

Tot Ion: 75 Resp: 66750

Ion Ratio Lower Upper

75 100

77 33.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 17.699 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

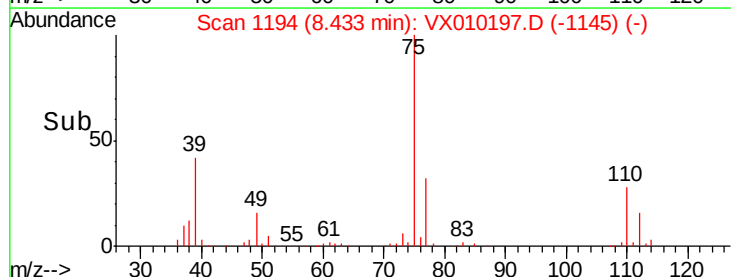
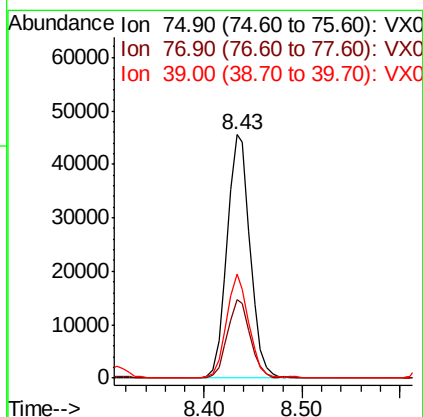
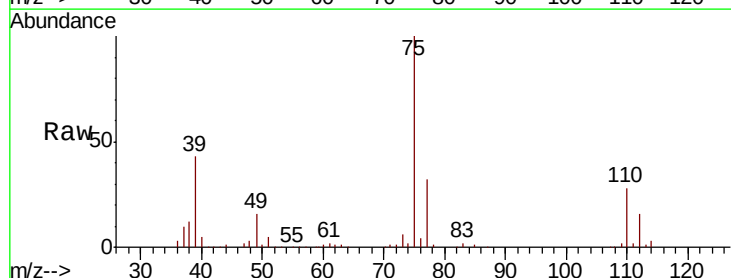
Tgt Ion: 75 Resp: 74376

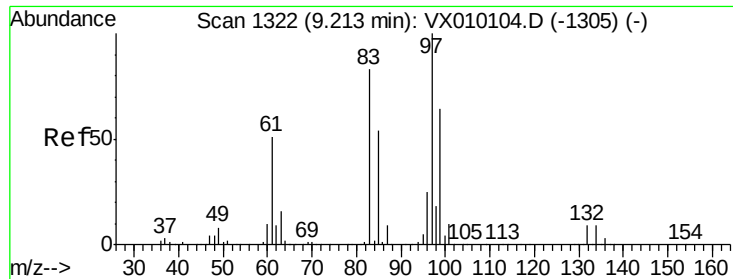
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 42.5 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 19.996 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

Tot Ion: 97 Resp: 52066

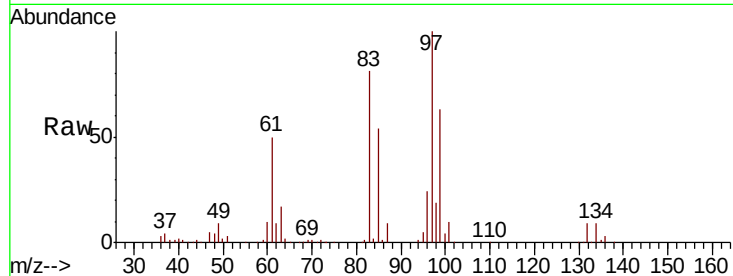
Ion Ratio Lower Upper

97 100

83 80.5 69.8 104.8

85 54.0 45.3 67.9

99 63.0 49.0 73.4



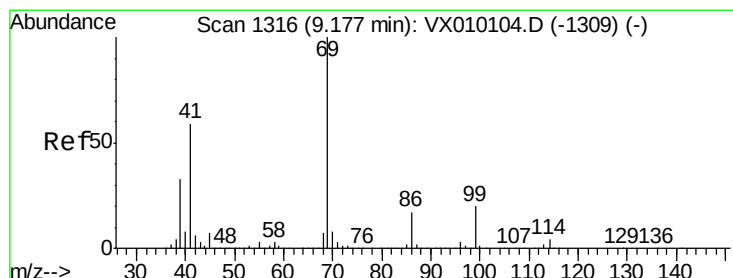
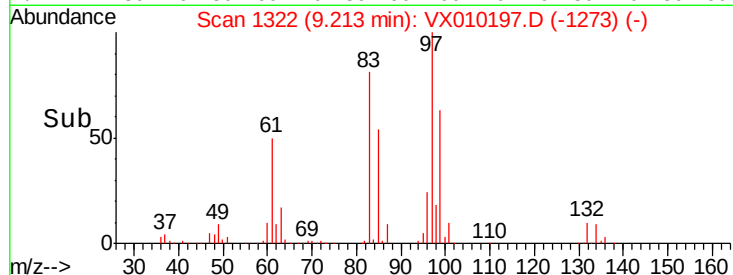
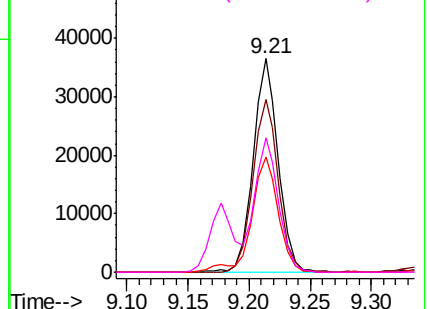
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.325 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

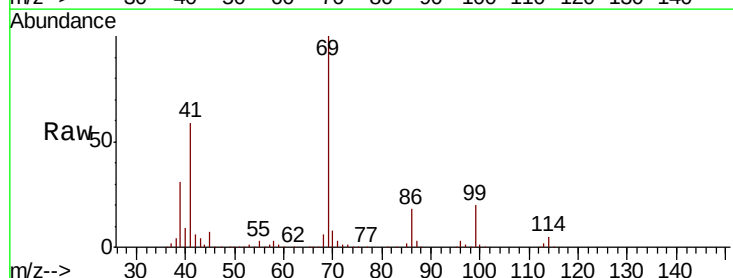
Tgt Ion: 69 Resp: 79485

Ion Ratio Lower Upper

69 100

41 57.2 62.7 94.1#

39 32.2 29.5 44.3

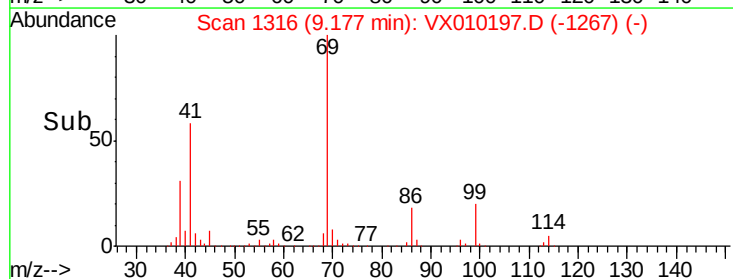
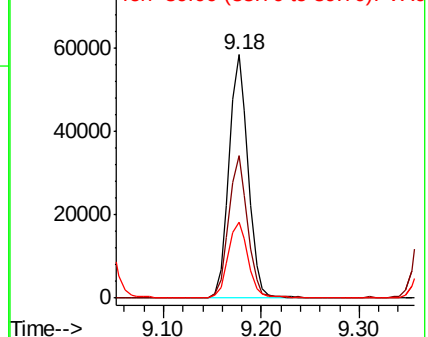


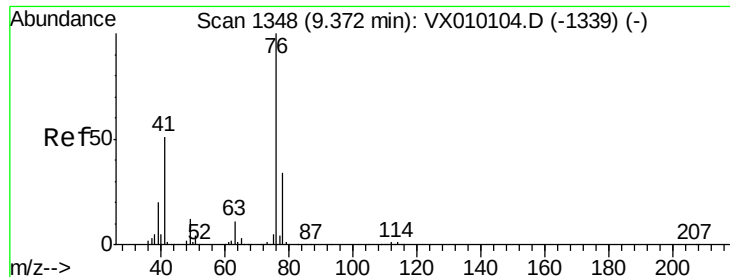
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.396 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

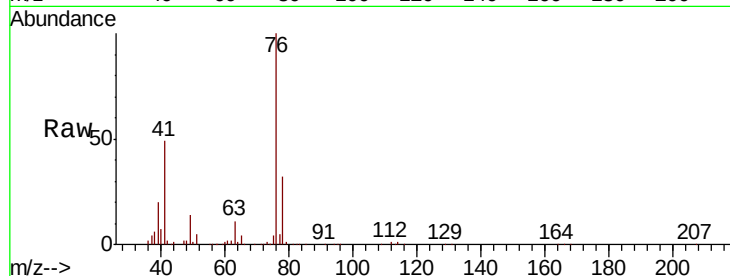
VX0610WBSD03

Tot Ion: 76 Resp: 79509

Ion Ratio Lower Upper

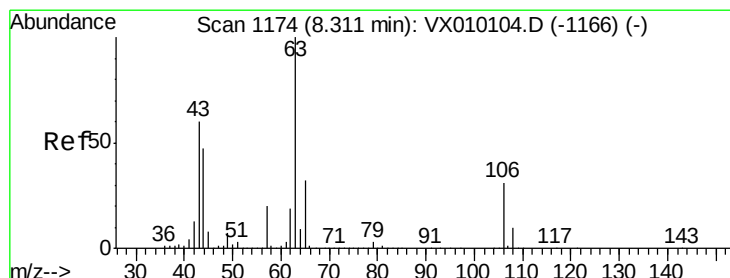
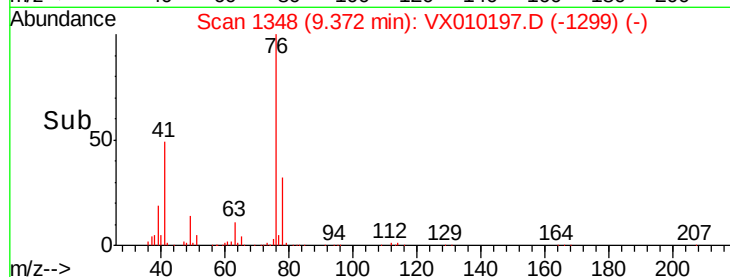
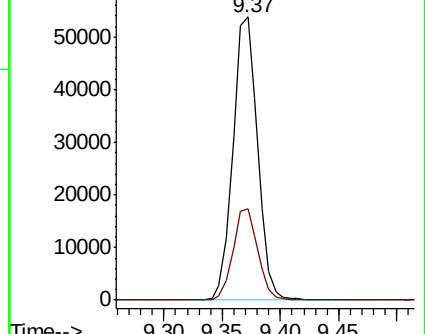
76 100

78 32.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.634 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010197.D

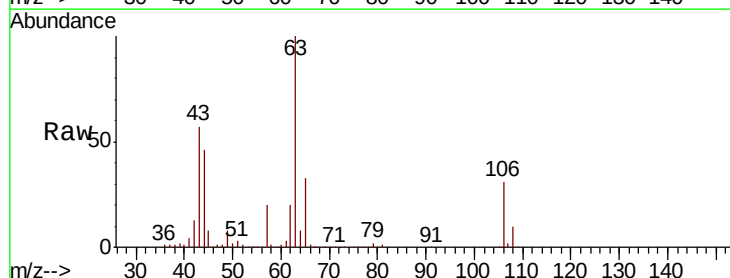
Acq: 10 Jun 2019 23:56

Tgt Ion: 63 Resp: 181561

Ion Ratio Lower Upper

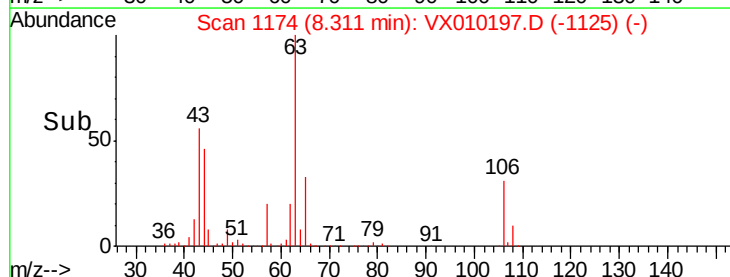
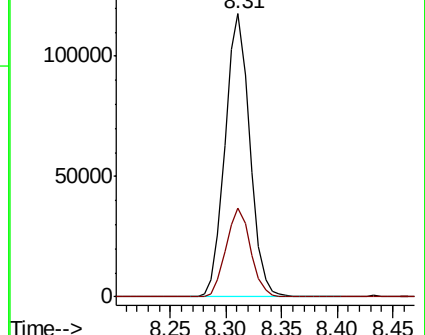
63 100

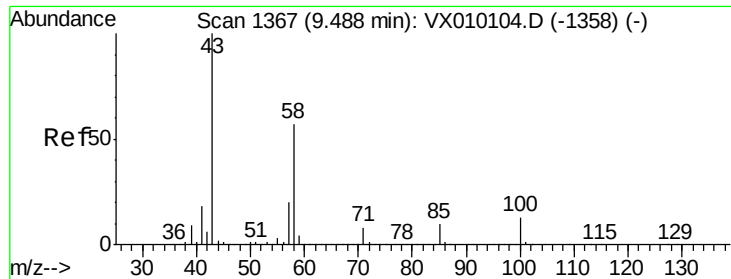
106 31.2 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

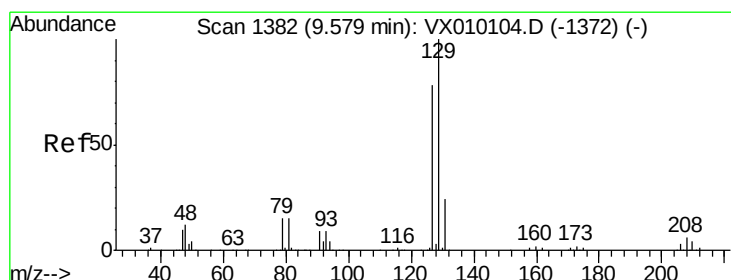
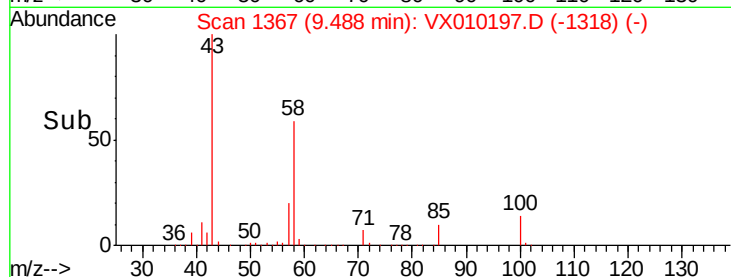
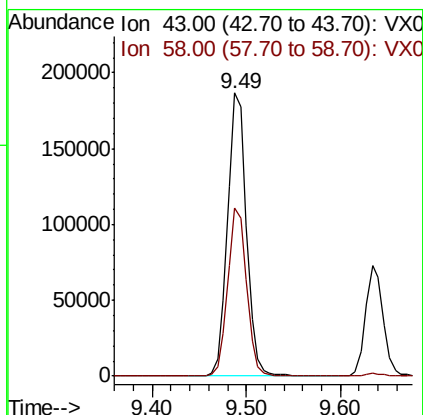
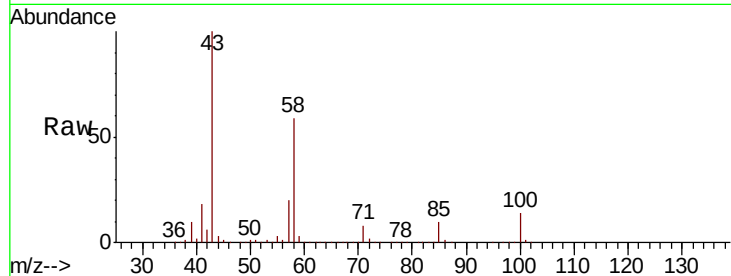




#59
2-Hexanone
Concen: 100.354 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

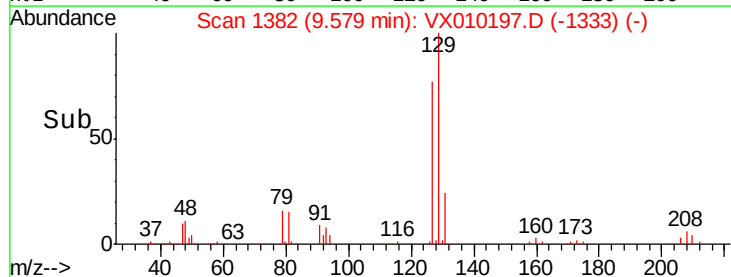
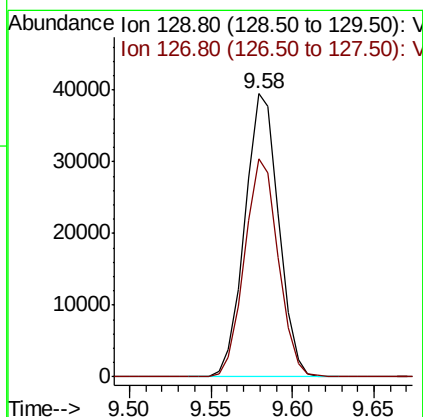
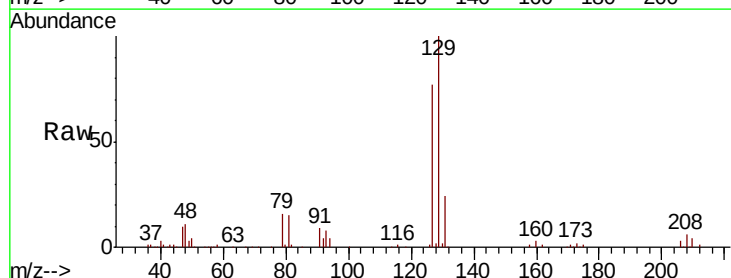
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

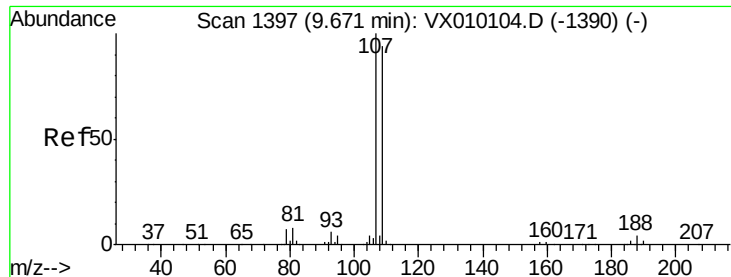
Tot Ion: 43 Resp: 260103
Ion Ratio Lower Upper
43 100
58 59.4 25.1 75.3



#60
Dibromochloromethane
Concen: 18.632 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion:129 Resp: 57385
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.992 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

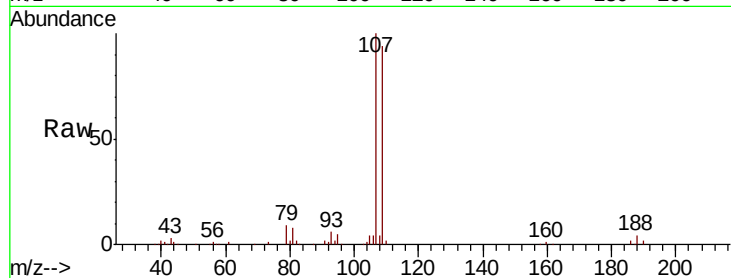
VX0610WBSD03

Tot Ion:107 Resp: 55076

Ion Ratio Lower Upper

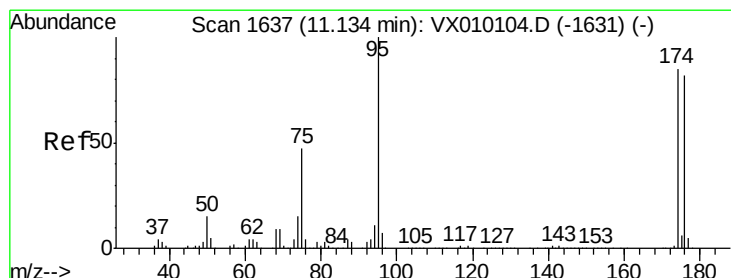
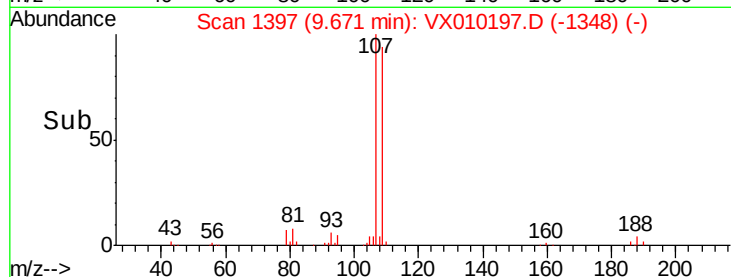
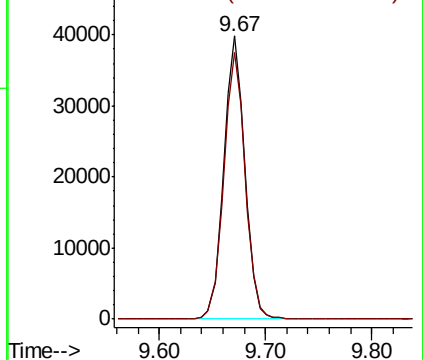
107 100

109 95.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.609 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

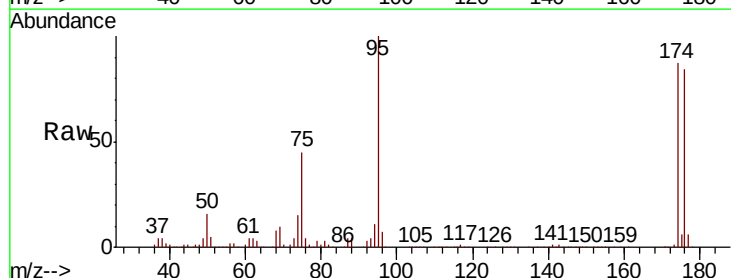
Tgt Ion: 95 Resp: 160898

Ion Ratio Lower Upper

95 100

174 92.1 0.0 160.4

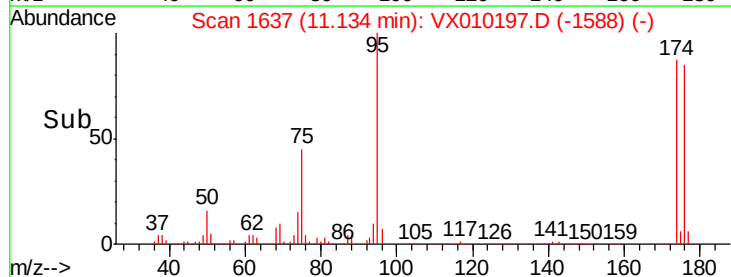
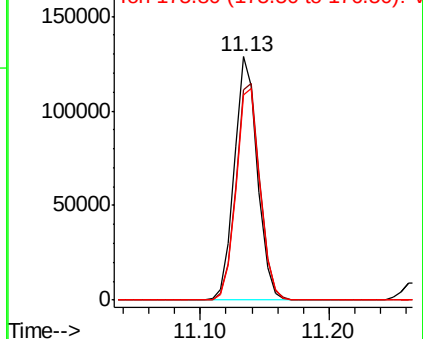
176 89.9 0.0 154.6

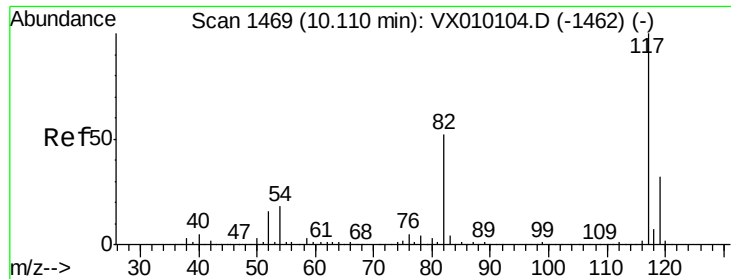


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

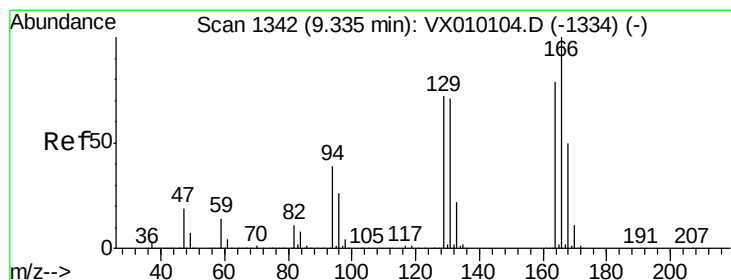
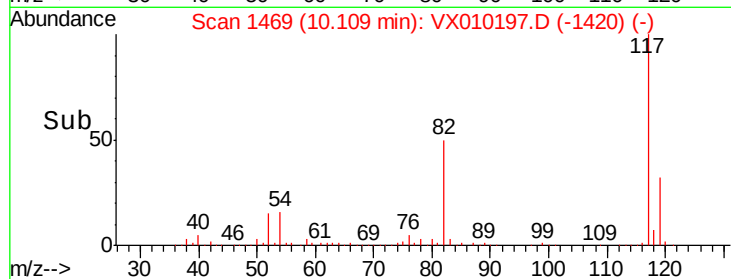
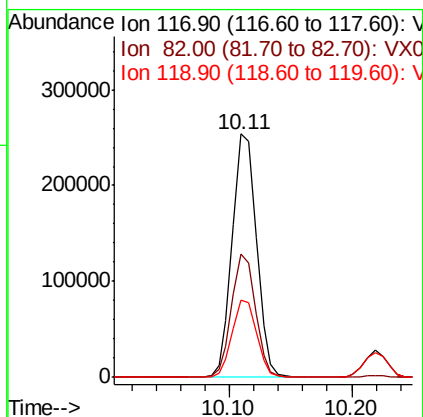
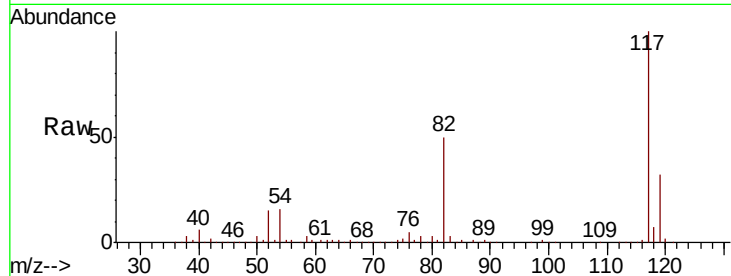




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

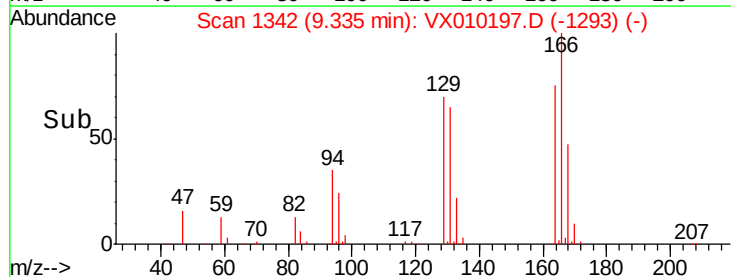
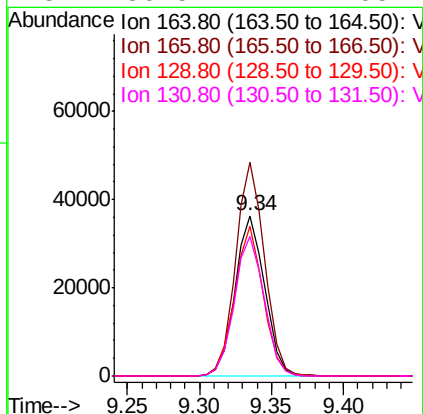
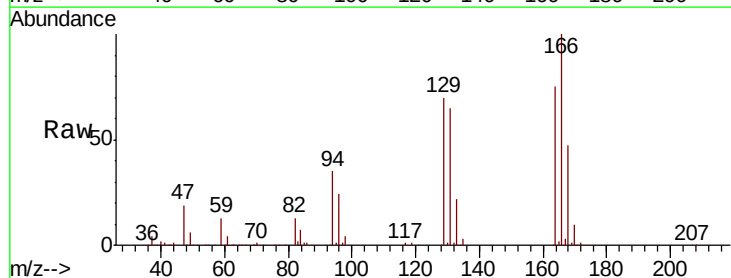
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

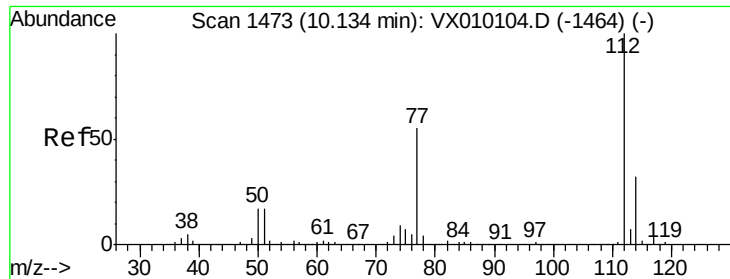
Tot Ion:117 Resp: 349564
Ion Ratio Lower Upper
117 100
82 50.4 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 19.974 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion:164 Resp: 51857
Ion Ratio Lower Upper
164 100
166 133.0 105.0 157.4
129 92.9 75.1 112.7
131 86.5 72.2 108.4

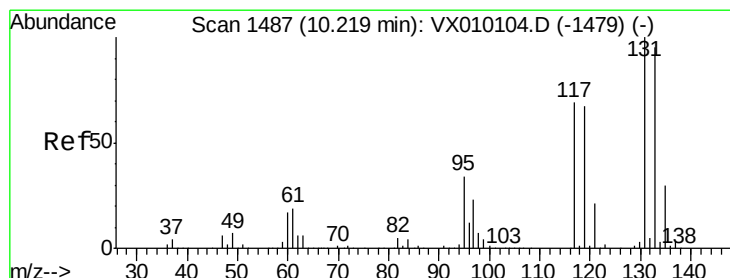
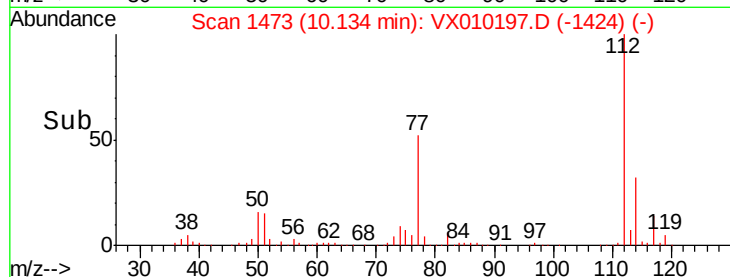
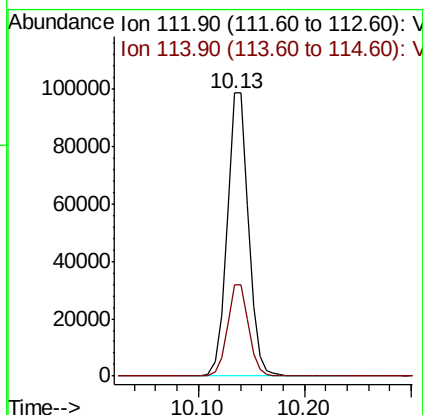
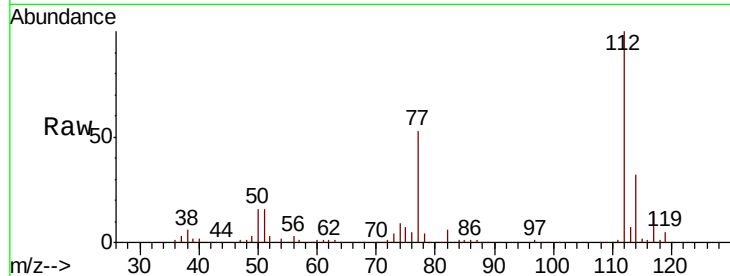




#65
Chlorobenzene
Concen: 19.163 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

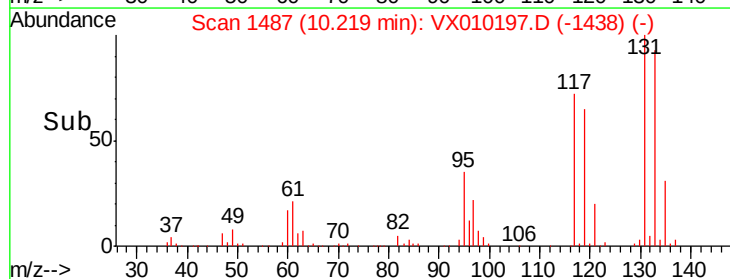
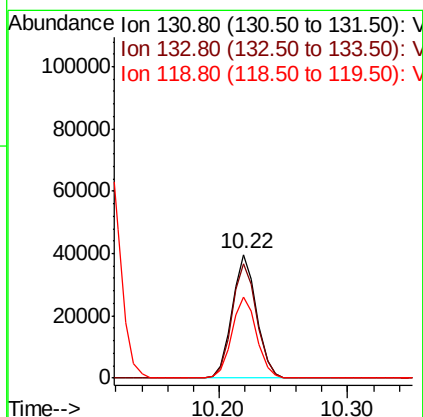
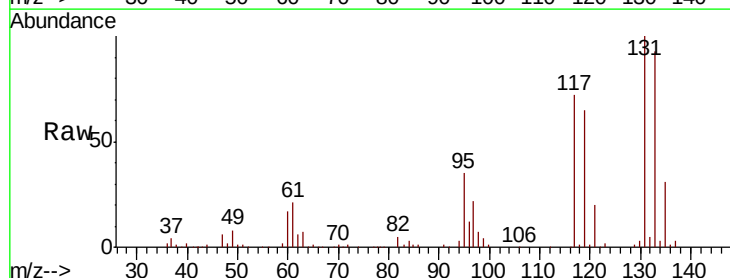
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

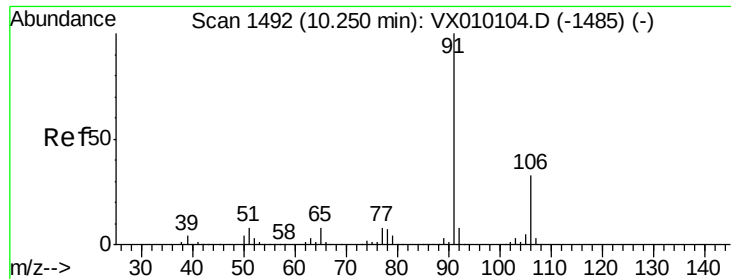
Tot Ion:112 Resp: 138254
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.970 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion:131 Resp: 52632
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 66.6 33.4 100.1

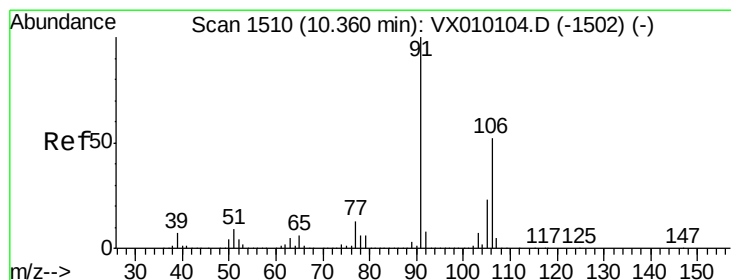
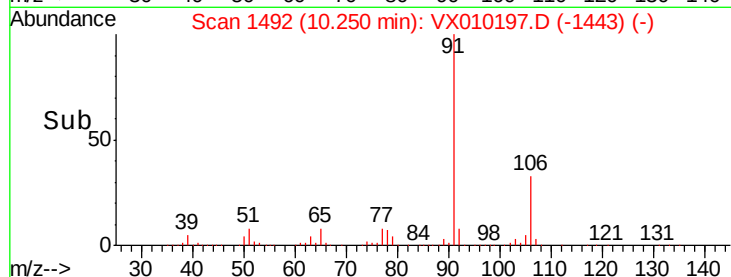
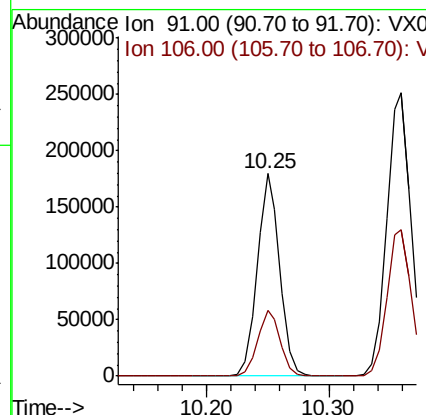
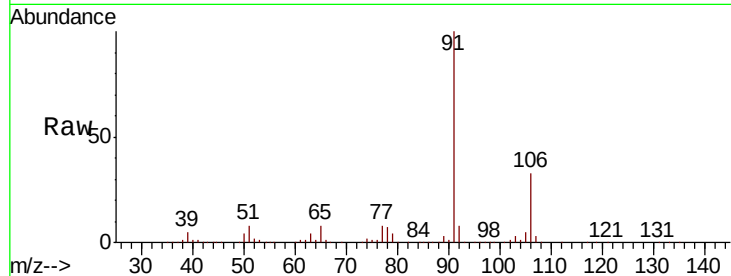




#67
Ethyl Benzene
Concen: 18.744 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

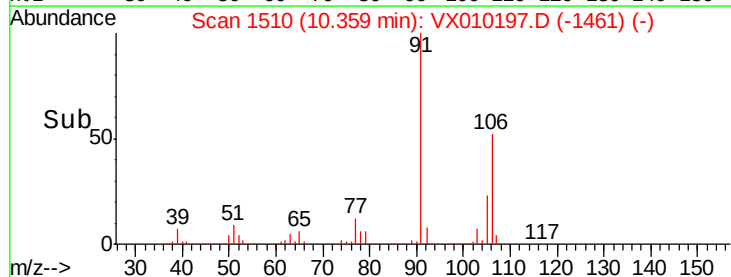
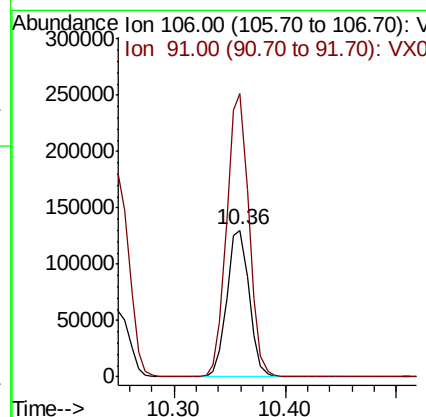
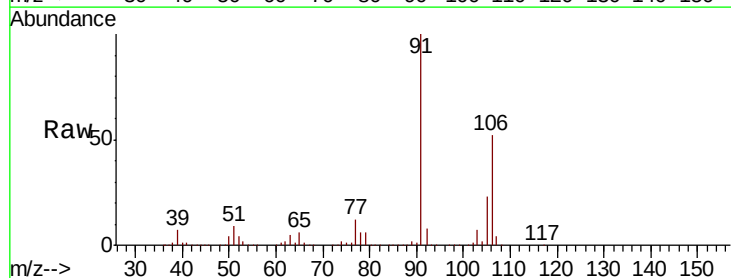
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

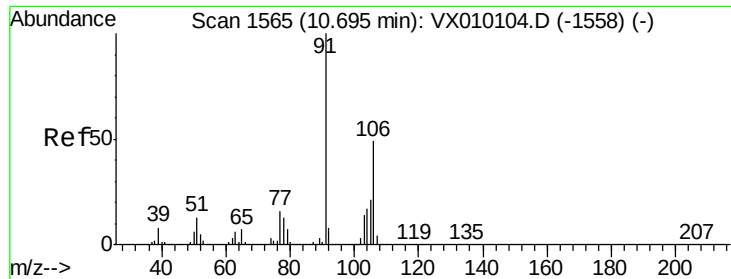
Tot Ion: 91 Resp: 230211
Ion Ratio Lower Upper
91 100
106 32.5 23.9 35.9



#68
m/p-Xylenes
Concen: 38.022 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 106 Resp: 180709
Ion Ratio Lower Upper
106 100
91 192.8 167.3 250.9

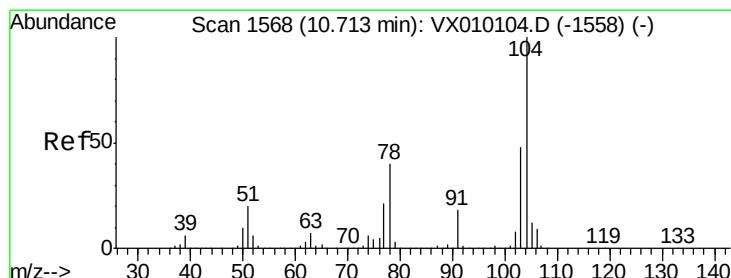
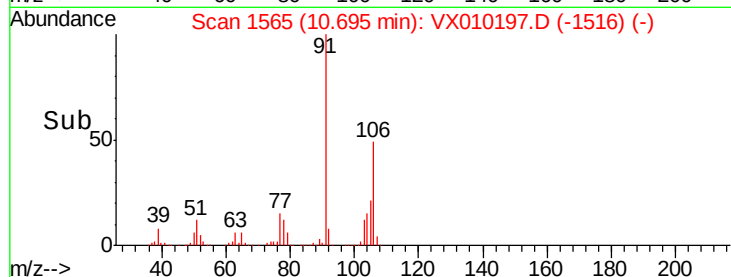
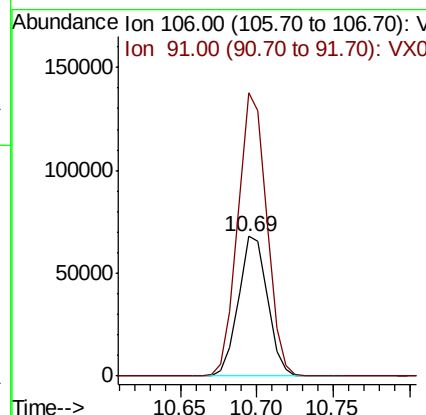
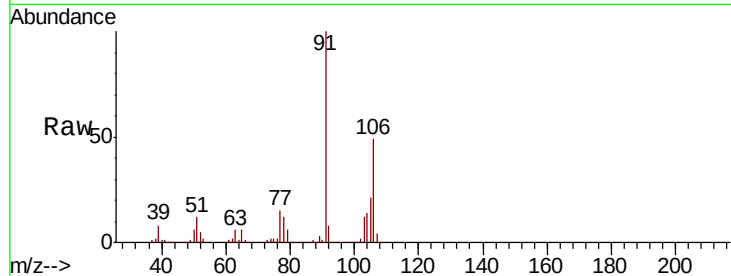




#69
o-Xylene
Concen: 18.905 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

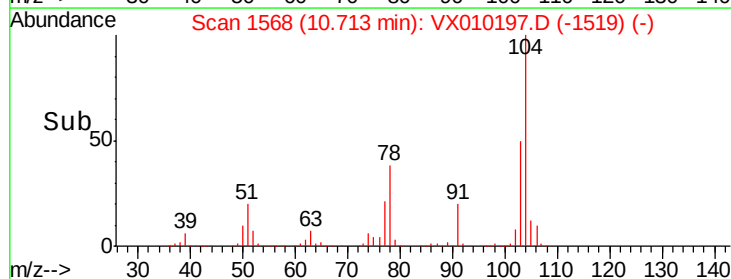
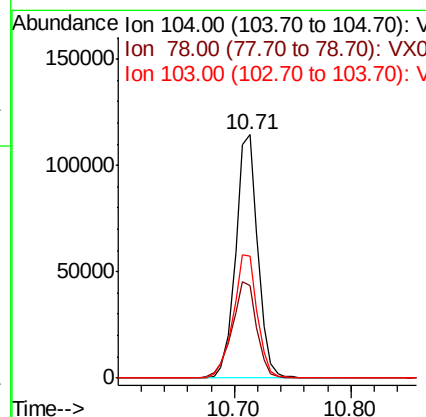
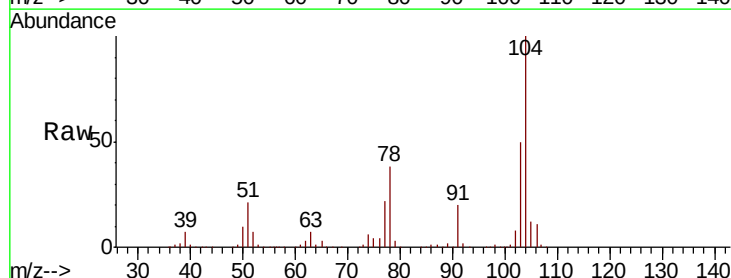
Instrument :
MSVOA_X
ClientSampled :
VX0610WBSD03

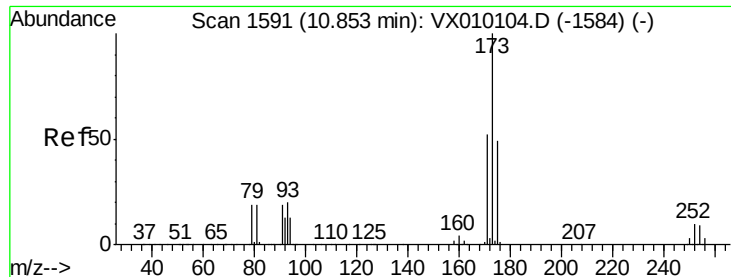
Tot Ion:106 Resp: 89318
Ion Ratio Lower Upper
106 100
91 202.0 110.4 331.2



#70
Styrene
Concen: 18.935 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion:104 Resp: 151508
Ion Ratio Lower Upper
104 100
78 44.2 42.1 63.1
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.435 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

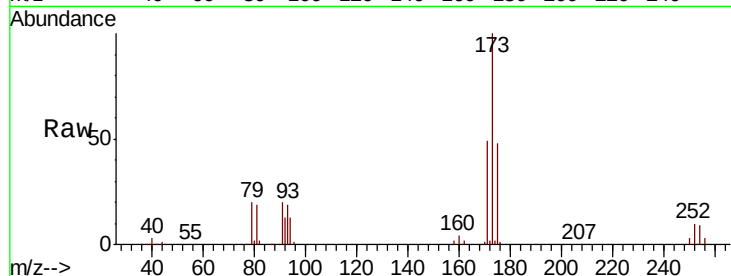
Tot Ion:173 Resp: 47021

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

254 0.0 0.2 0.2#

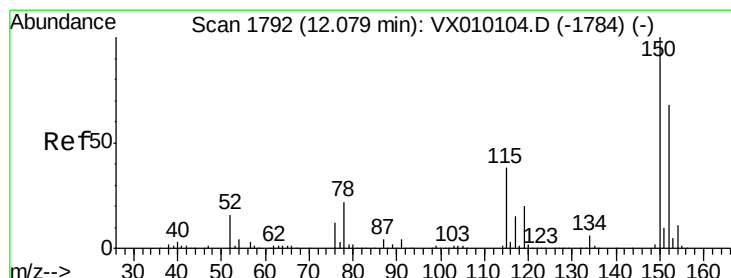
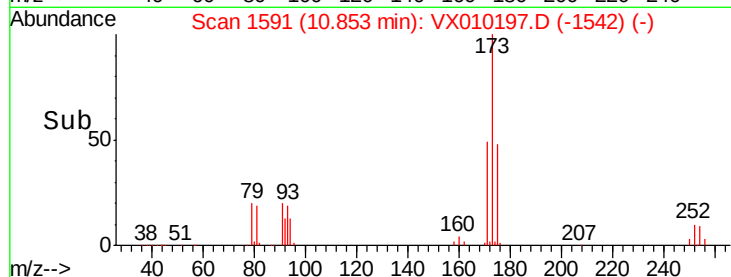
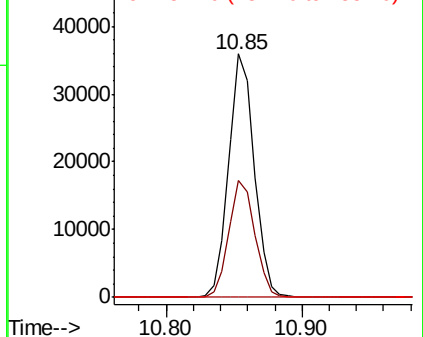


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

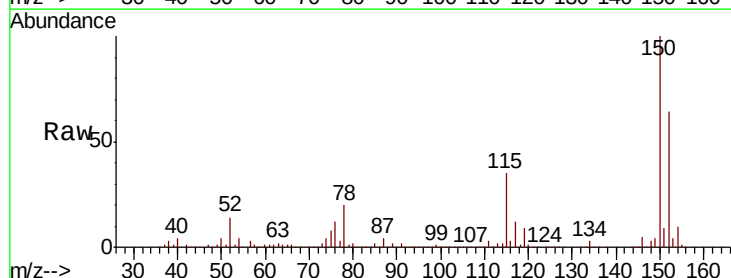
Tgt Ion:152 Resp: 174495

Ion Ratio Lower Upper

152 100

115 63.6 41.4 124.2

150 163.7 0.0 345.2

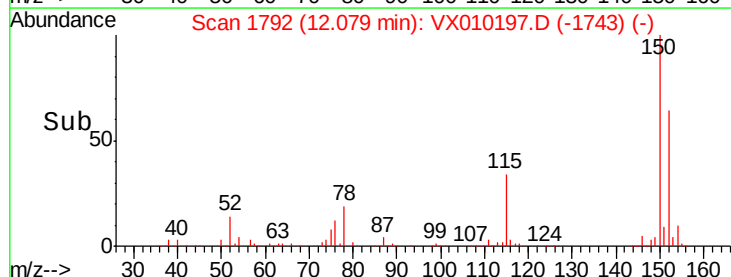
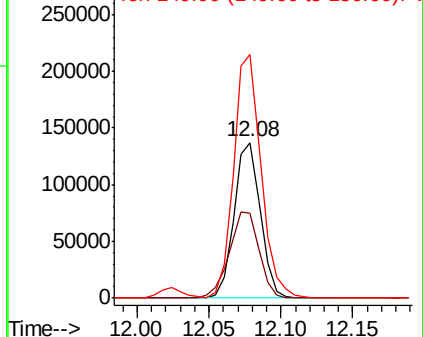


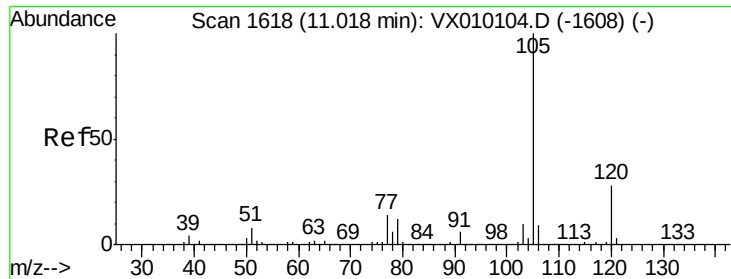
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.199 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

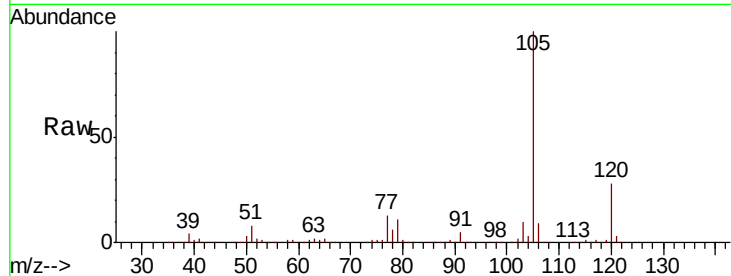
VX0610WBSD03

Tot Ion: 105 Resp: 233859

Ion Ratio Lower Upper

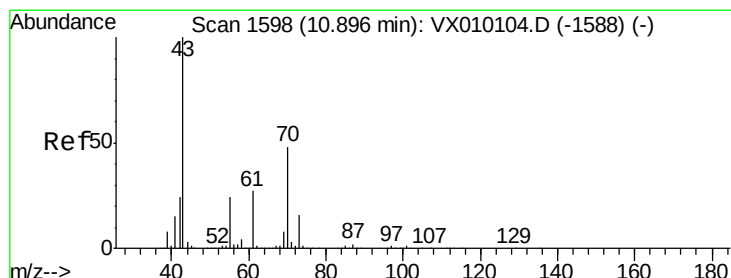
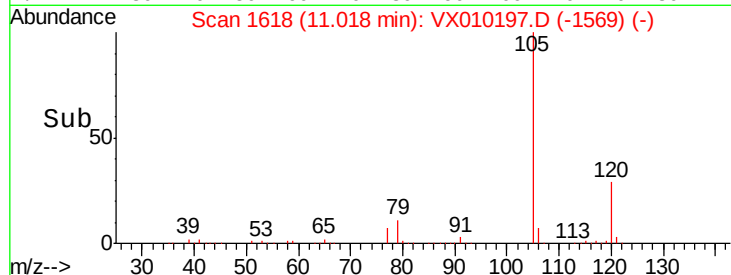
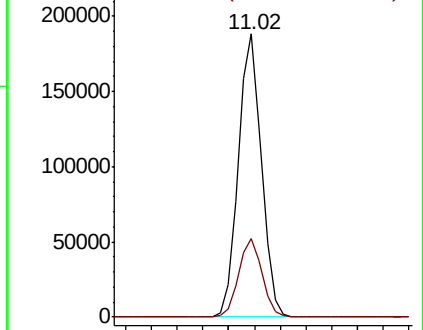
105 100

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: 19.306 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Tgt Ion: 43 Resp: 92959

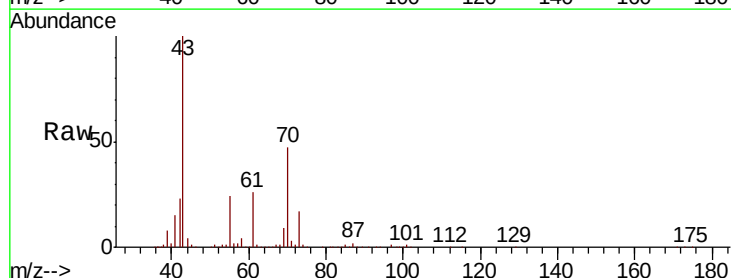
Ion Ratio Lower Upper

43 100

70 46.5 28.6 43.0#

55 24.5 17.8 26.8

61 26.4 17.7 26.5

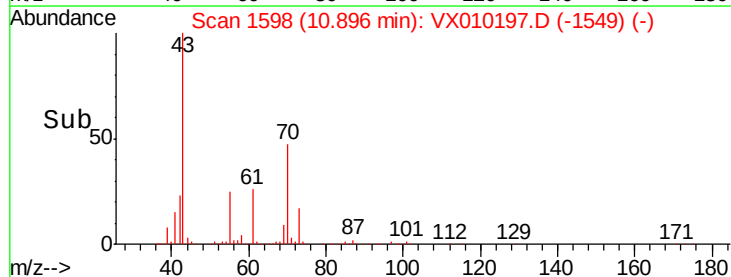
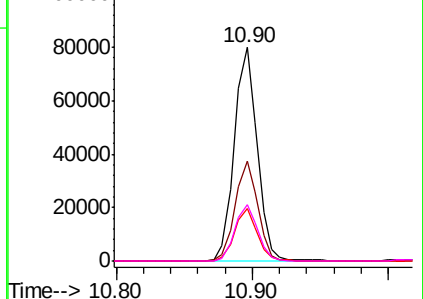


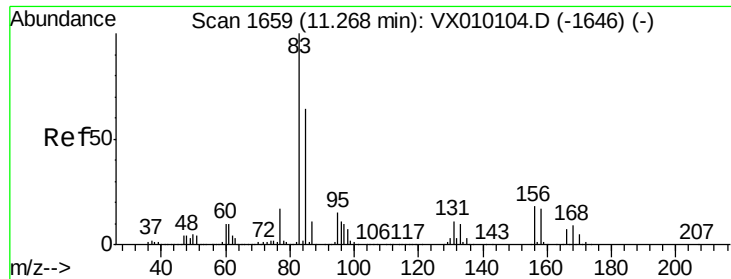
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.544 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

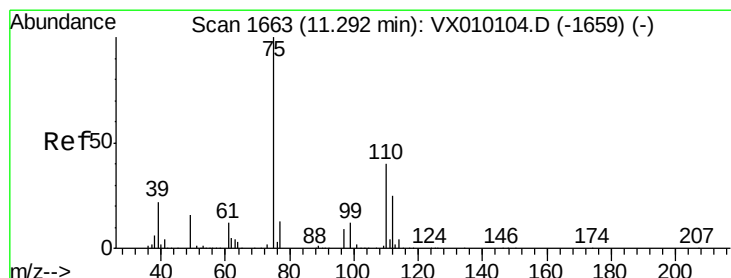
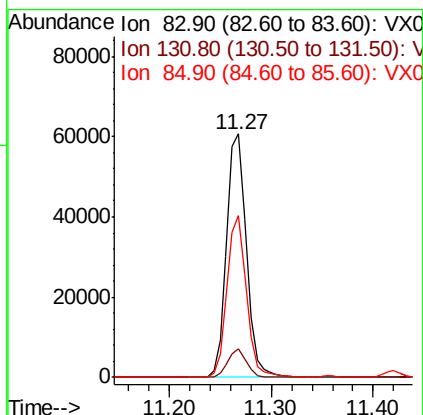
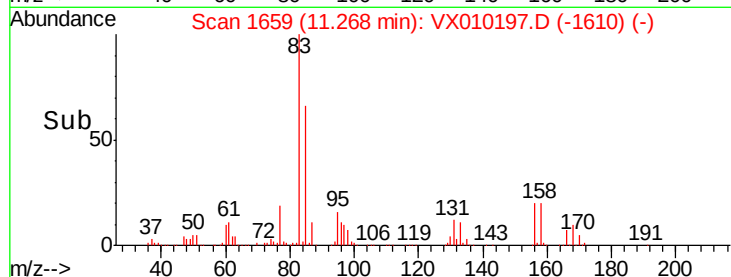
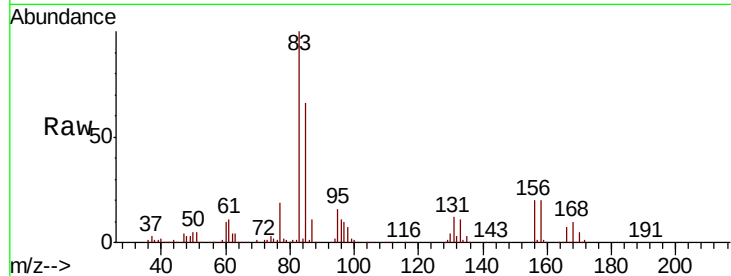
Tot Ion: 83 Resp: 81491

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 25.342 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010197.D

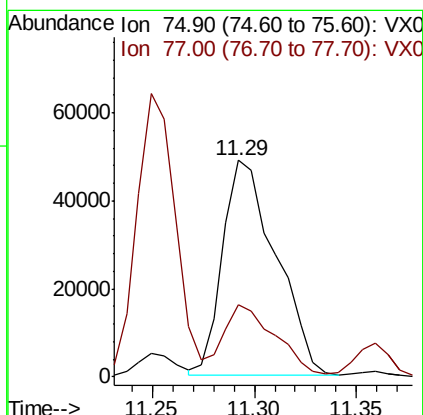
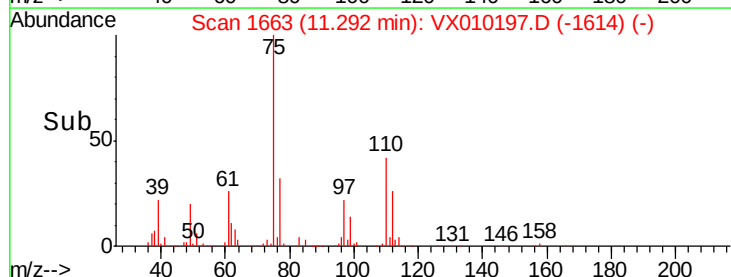
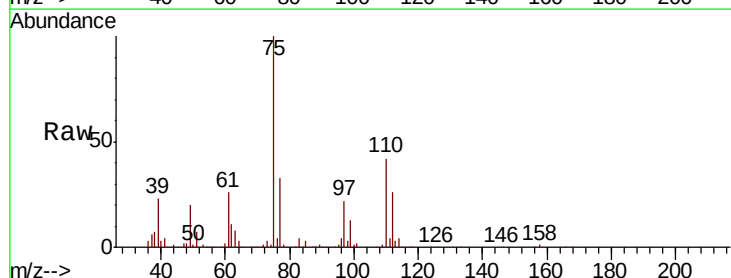
Acq: 10 Jun 2019 23:56

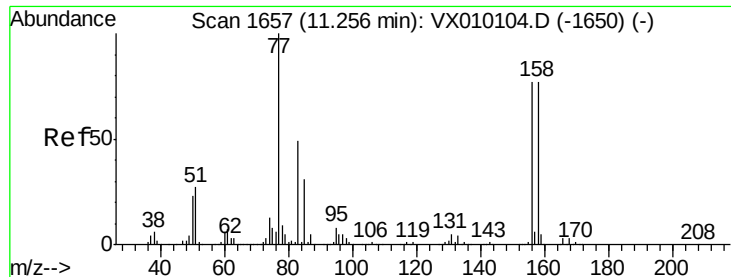
Tgt Ion: 75 Resp: 88448

Ion Ratio Lower Upper

75 100

77 33.0 22.1 66.1





#77

Bromobenzene

Concen: 19.434 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

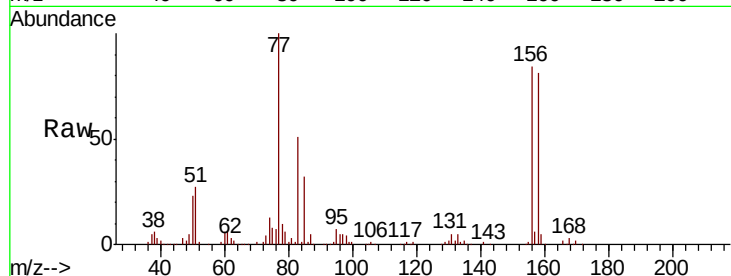
Tot Ion:156 Resp: 65097

Ion Ratio Lower Upper

156 100

77 130.1 86.8 260.3

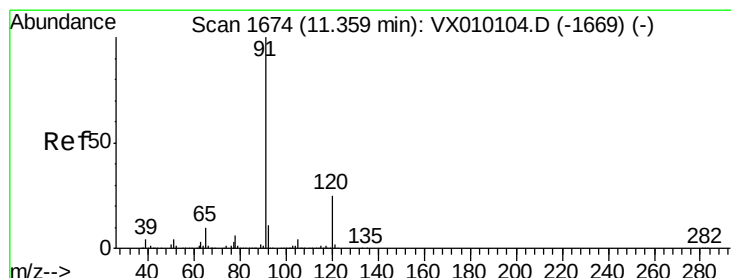
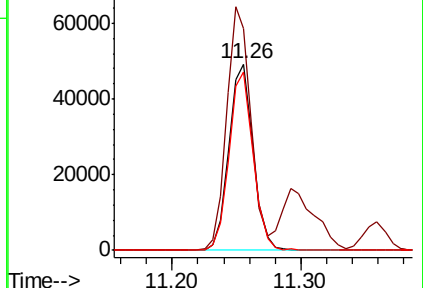
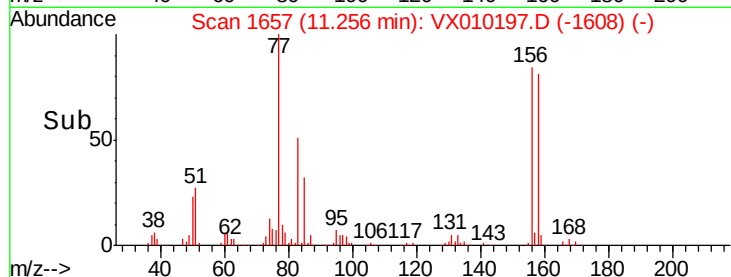
158 95.0 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.501 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010197.D

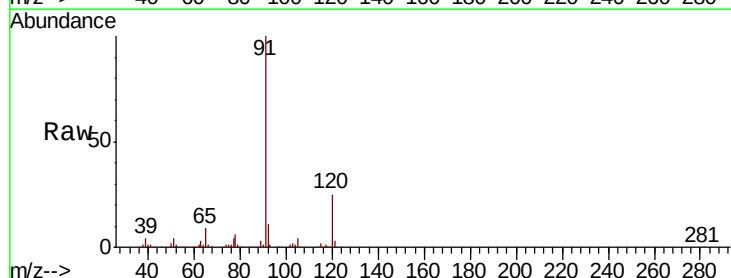
Acq: 10 Jun 2019 23:56

Tgt Ion: 91 Resp: 250886

Ion Ratio Lower Upper

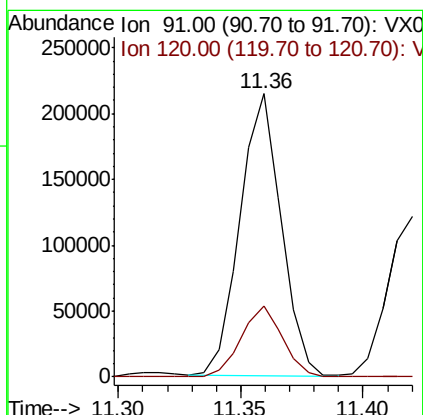
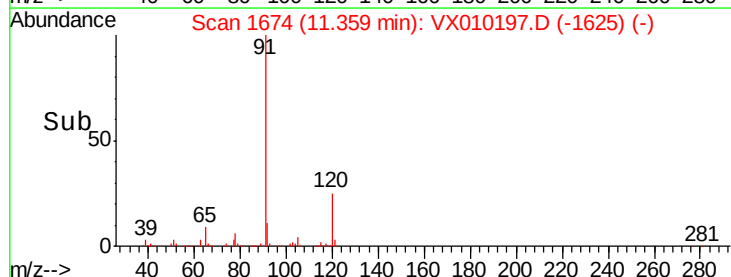
91 100

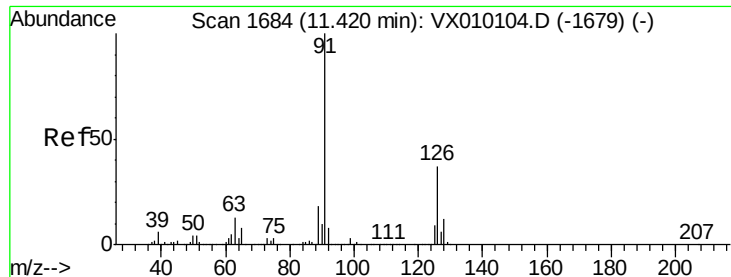
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.616 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

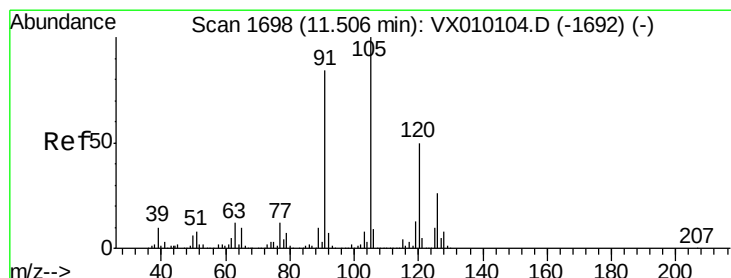
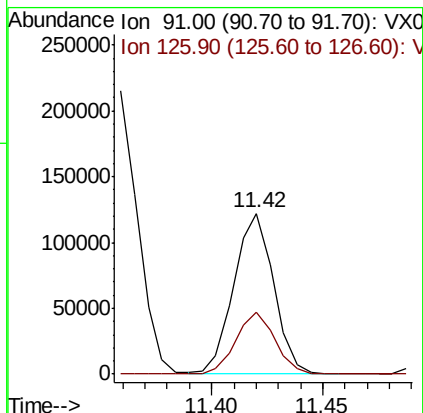
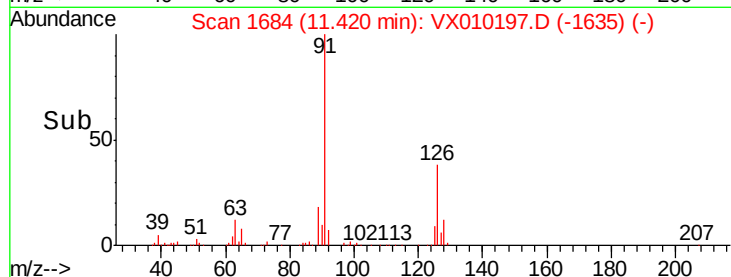
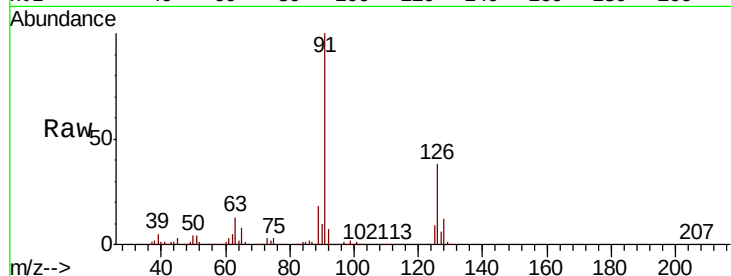
VX0610WBSD03

Tot Ion: 91 Resp: 151621

Ion Ratio Lower Upper

91 100

126 38.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.926 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010197.D

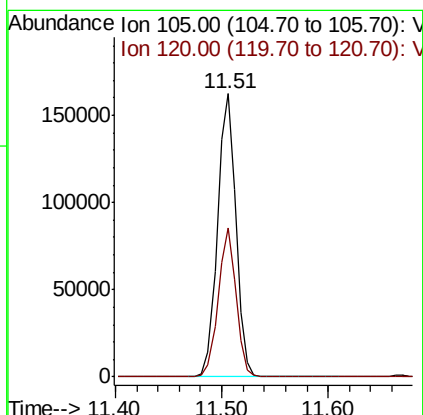
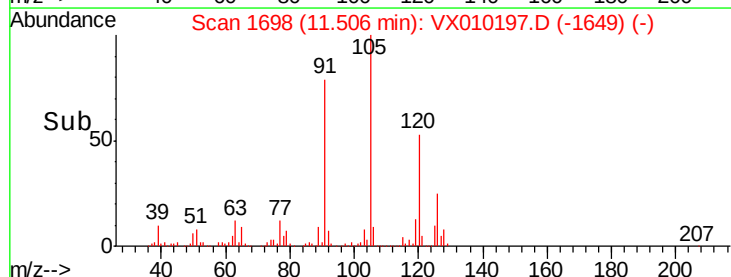
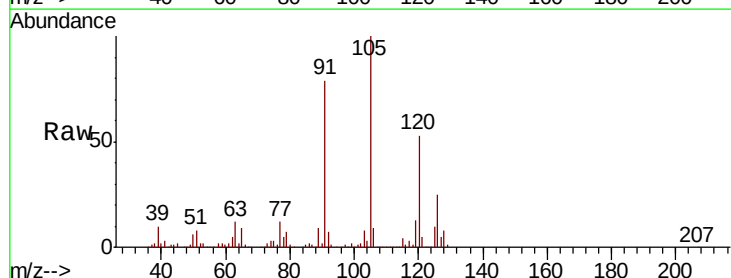
Acq: 10 Jun 2019 23:56

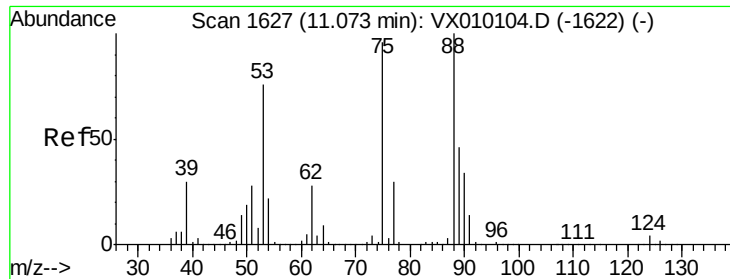
Tgt Ion: 105 Resp: 194172

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3

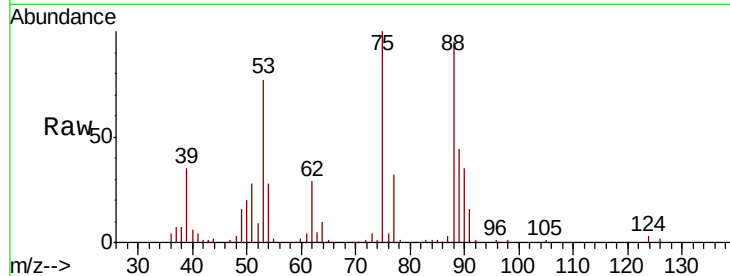




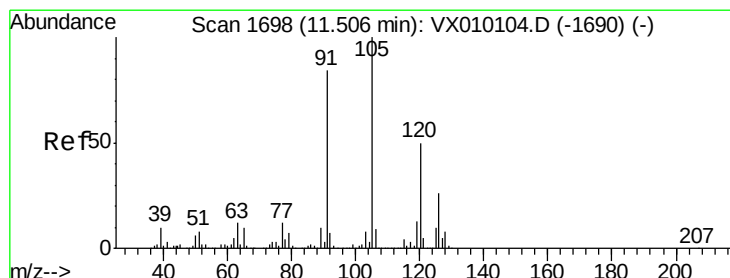
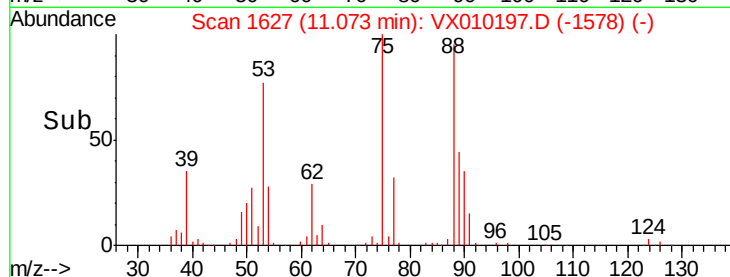
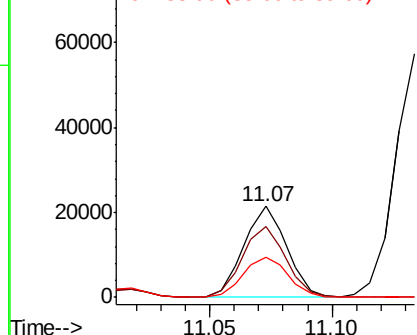
#81
trans-1,4-Dichloro-2-butene
Concen: 16.425 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

Tot Ion: 75 Resp: 25946
Ion Ratio Lower Upper
75 100
53 79.6 79.8 119.6#
89 47.2 34.2 51.4

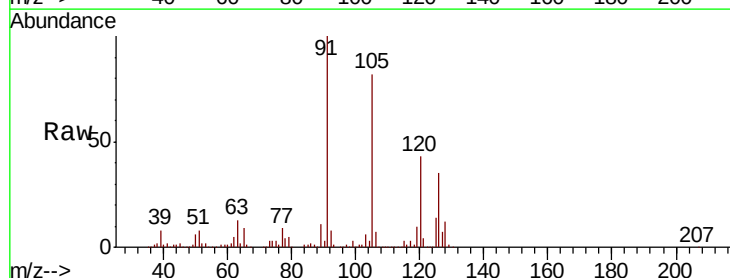


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

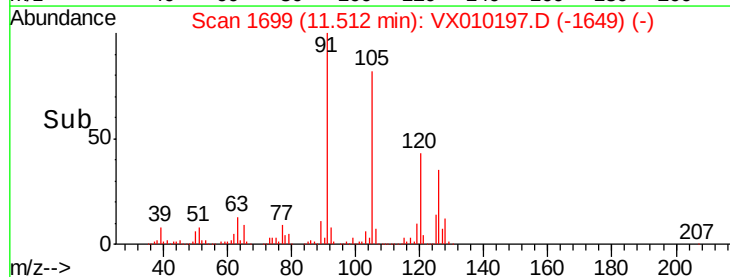
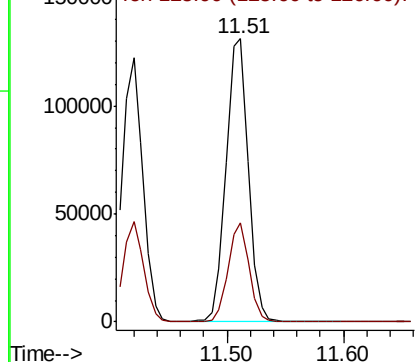


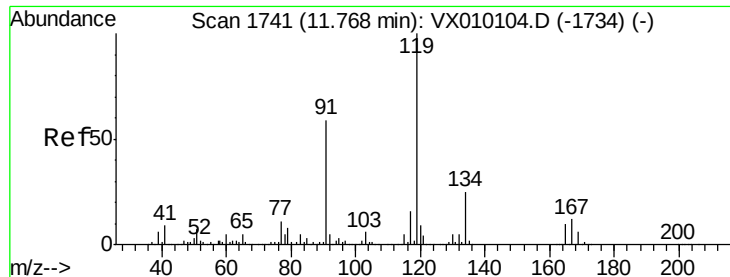
#82
4-Chlorotoluene
Concen: 18.653 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 91 Resp: 172574
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6



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

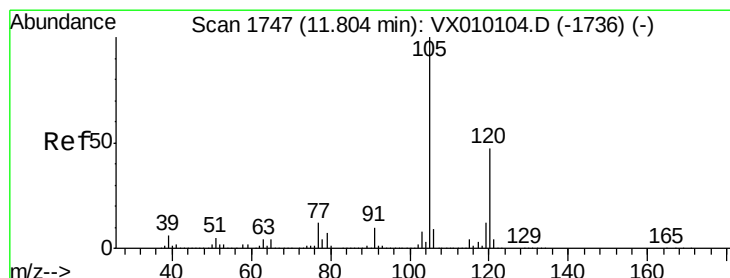
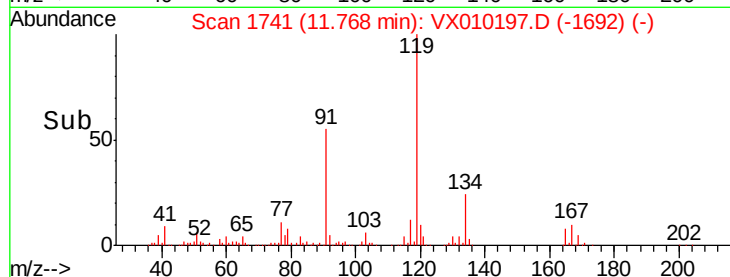
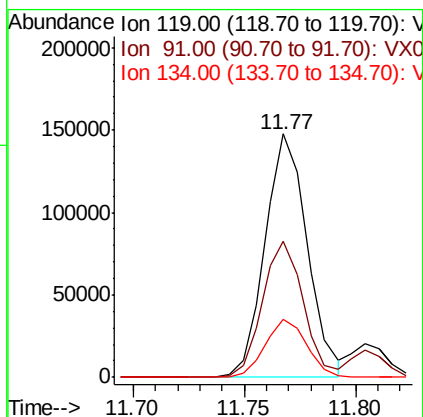
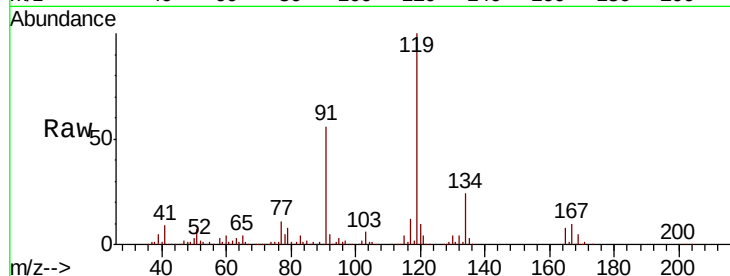




#83
 tert-Butylbenzene
 Concen: 18.687 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

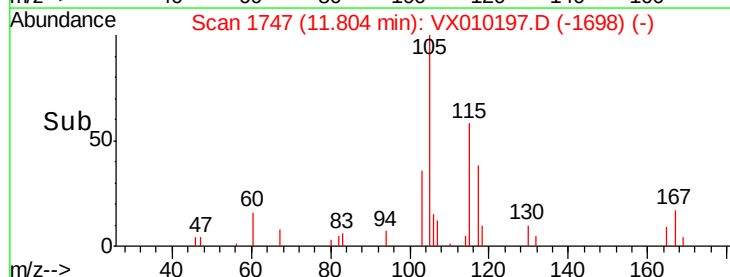
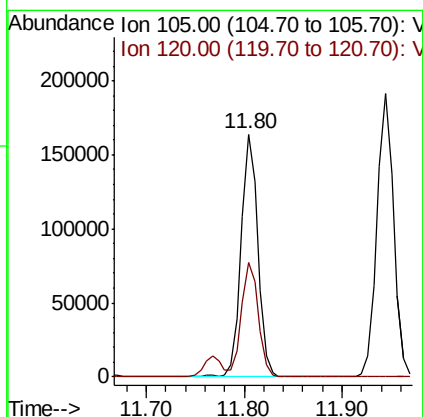
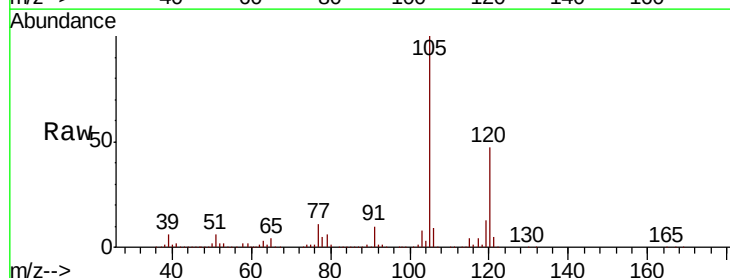
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

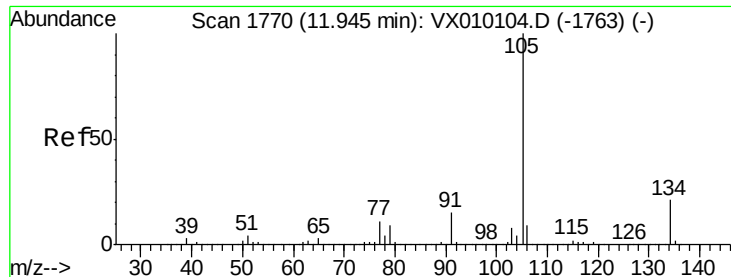
Tot Ion:119 Resp: 194052
 Ion Ratio Lower Upper
 119 100
 91 54.3 30.0 90.0
 134 23.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.815 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion:105 Resp: 194979
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.691 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

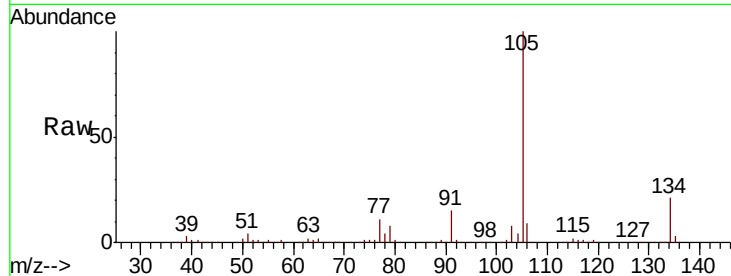
VX0610WBSD03

Tot Ion:105 Resp: 226122

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

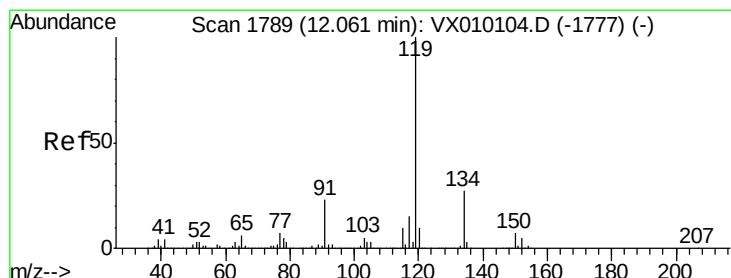
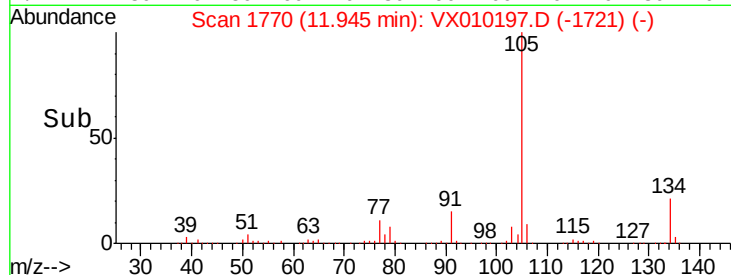
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.603 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

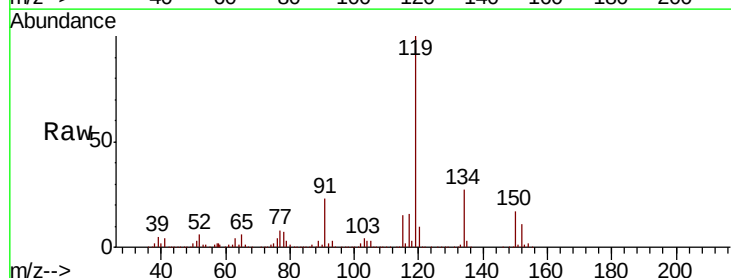
Tgt Ion:119 Resp: 205747

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.3 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

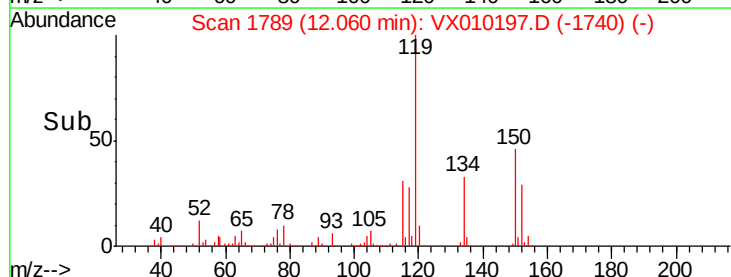
150000

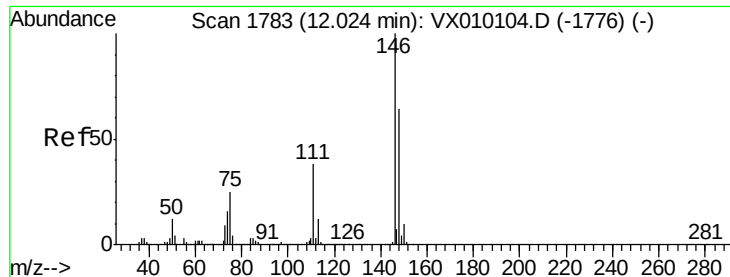
100000

50000

0

Time--> 12.00 12.10

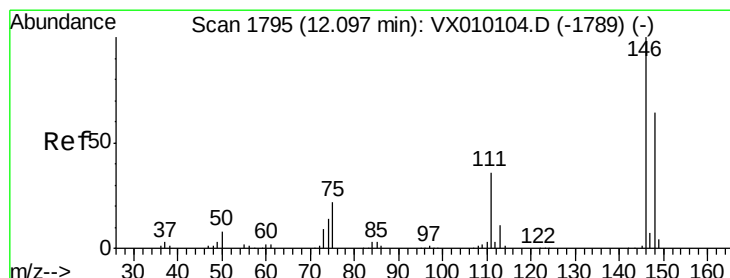
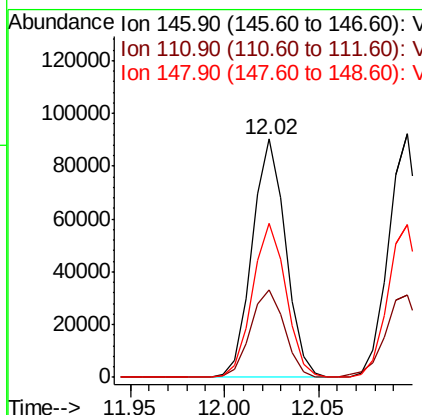
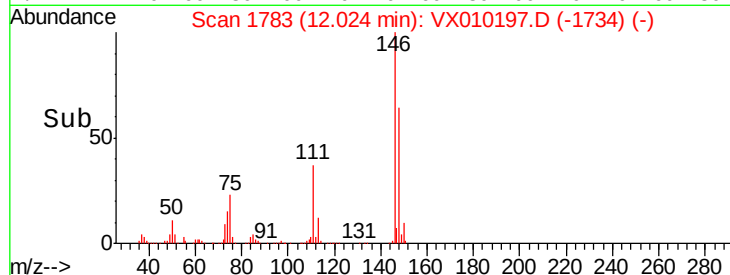
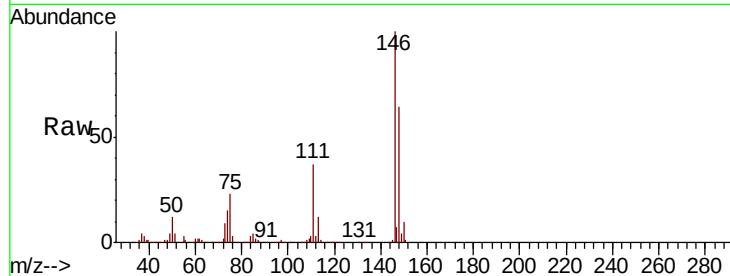




#87
 1,3-Dichlorobenzene
 Concen: 18.833 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

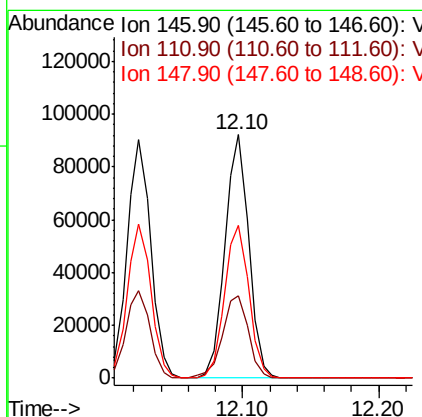
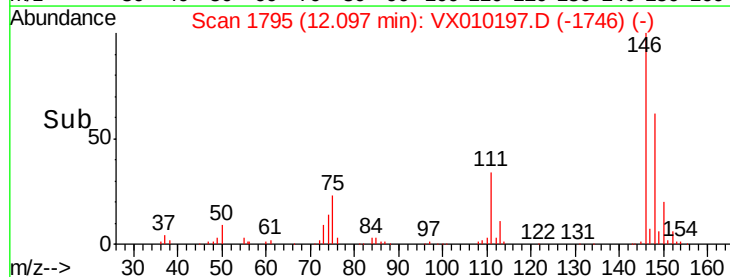
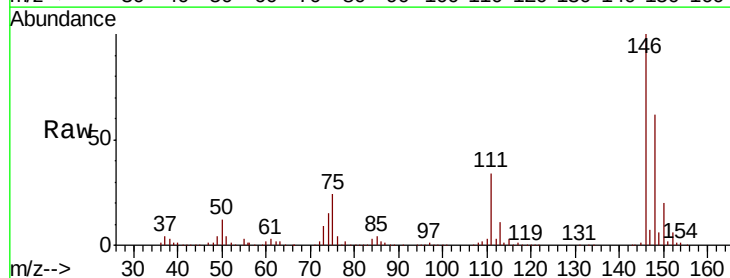
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

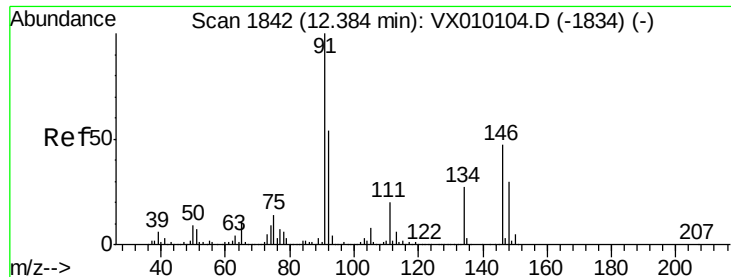
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.1	60.2
148	65.1	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.820 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	59.9
148	64.4	32.3	96.9

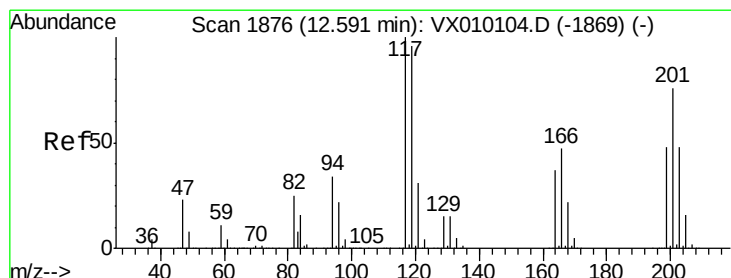
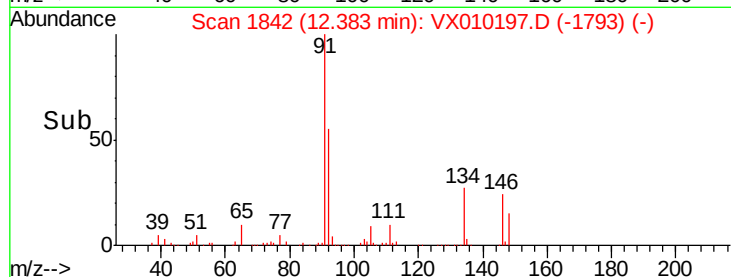
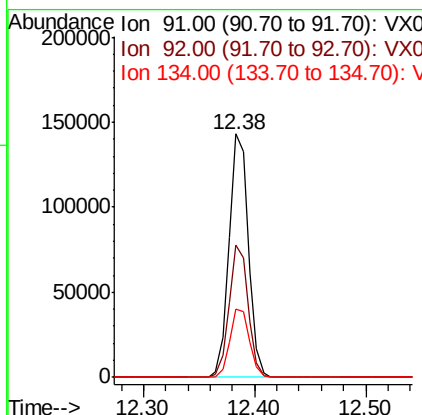
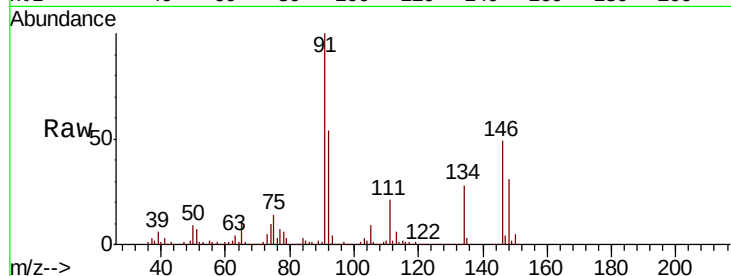




#89
n-Butylbenzene
Concen: 18.028 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

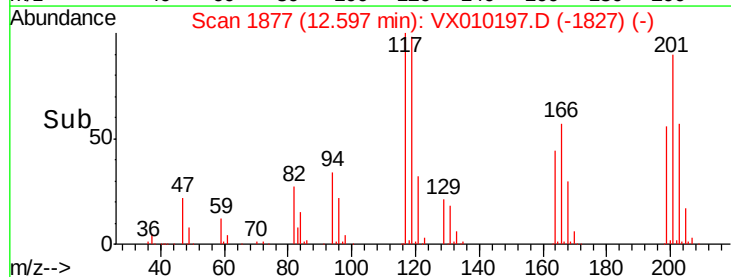
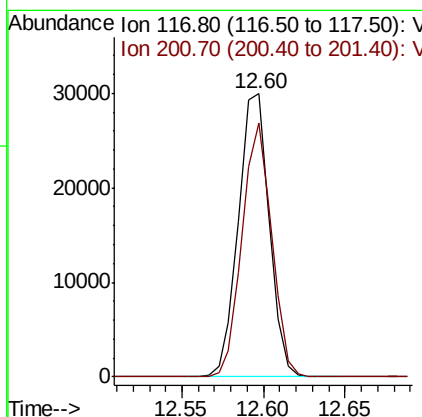
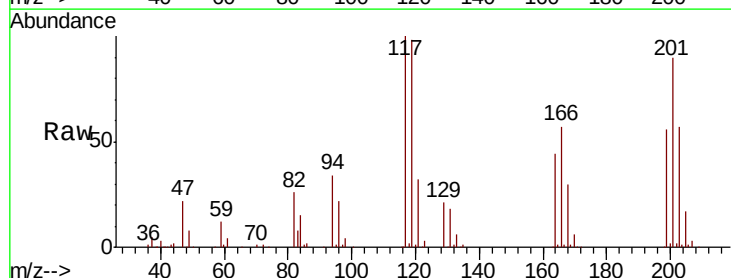
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD03

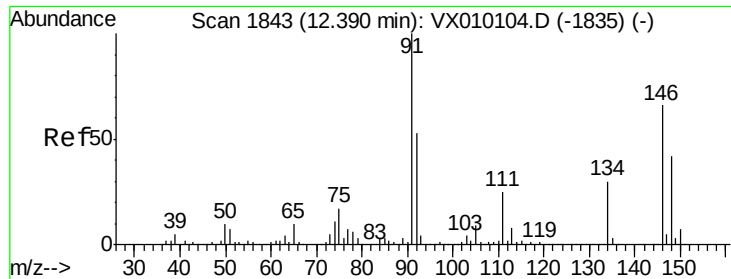
Tot Ion: 91 Resp: 171627
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.8
134 28.4 12.3 36.8



#90
Hexachloroethane
Concen: 18.013 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010197.D
Acq: 10 Jun 2019 23:56

Tgt Ion: 117 Resp: 39685
Ion Ratio Lower Upper
117 100
201 85.8 43.6 130.9

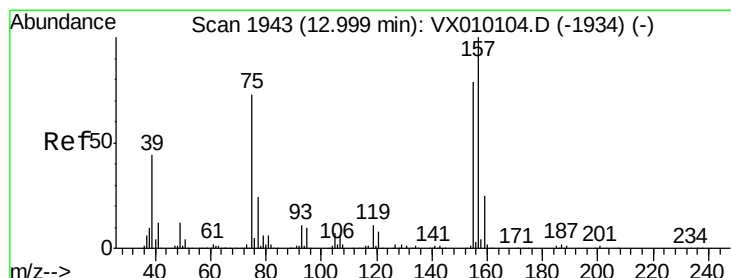
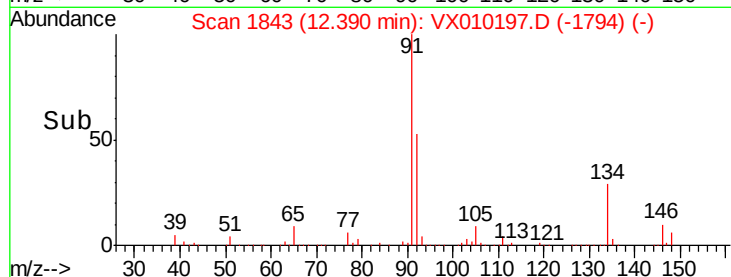
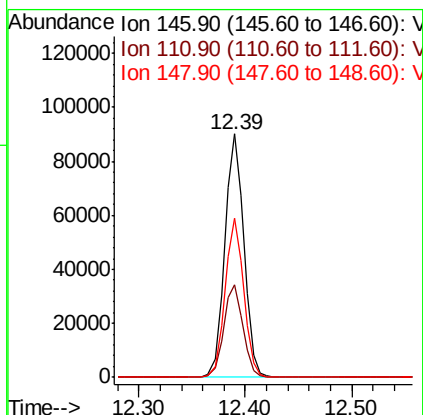
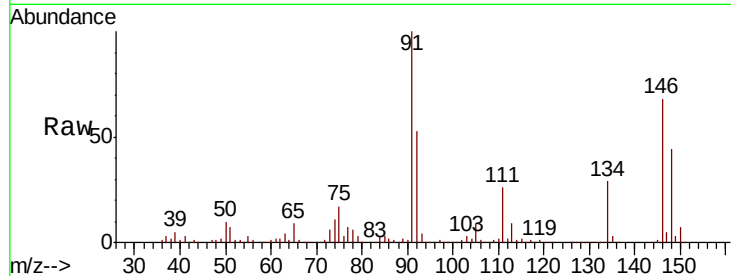




#91
 1,2-Dichlorobenzene
 Concen: 19.709 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

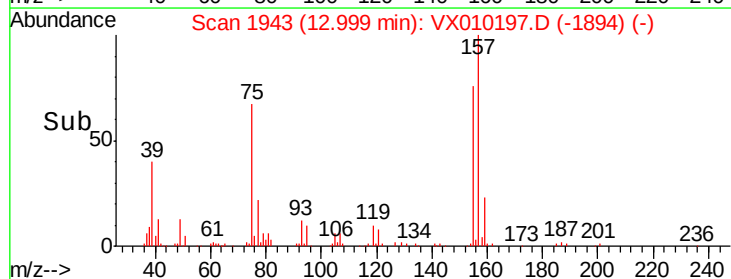
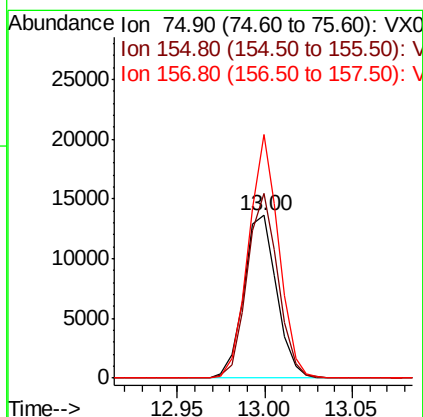
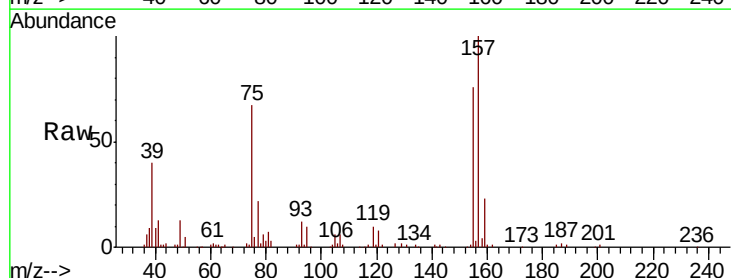
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

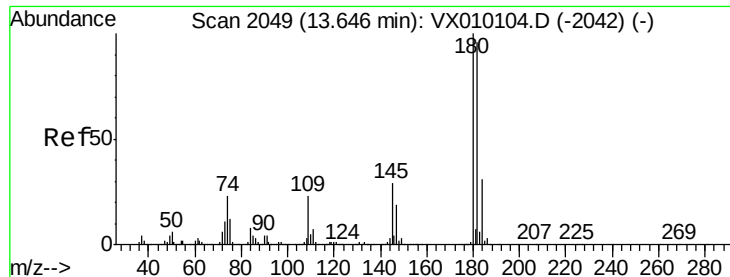
Tot Ion:146 Resp: 113052
 Ion Ratio Lower Upper
 146 100
 111 38.0 21.1 63.1
 148 63.9 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.116 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion: 75 Resp: 17775
 Ion Ratio Lower Upper
 75 100
 155 106.1 39.3 117.8
 157 137.0 50.6 151.8

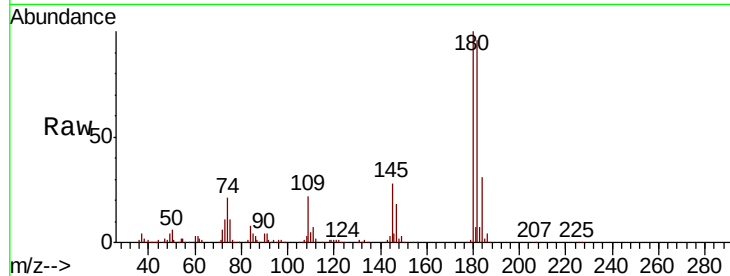




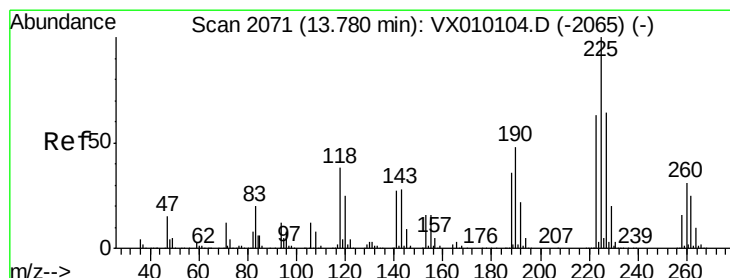
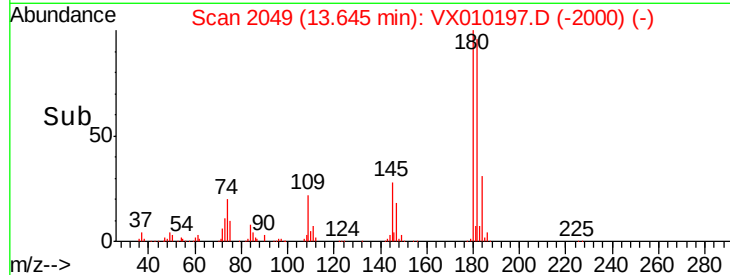
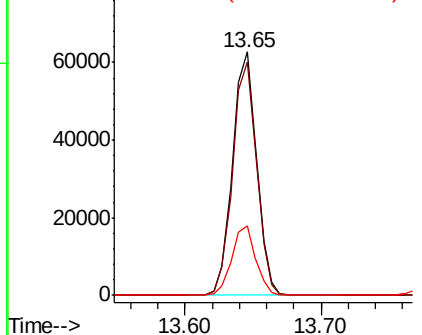
#93
 1,2,4-Trichlorobenzene
 Concen: 18.463 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD03

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	28.3	14.5	43.5

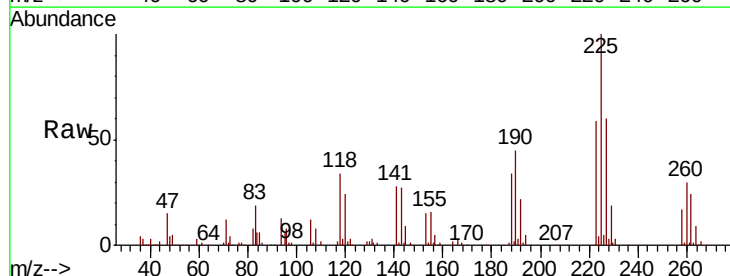


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

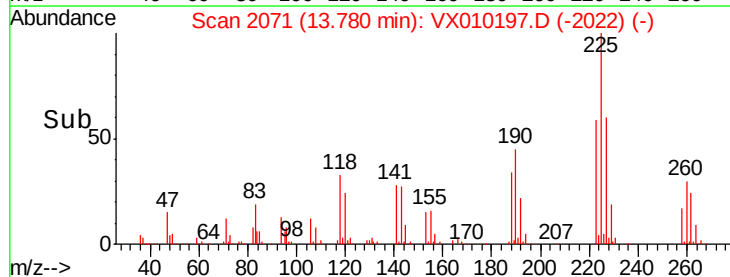
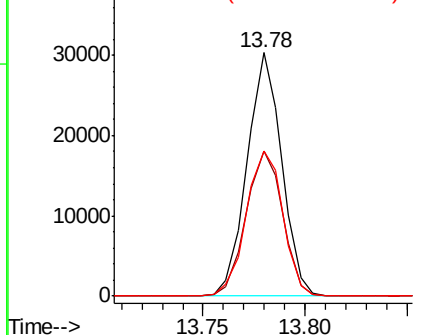


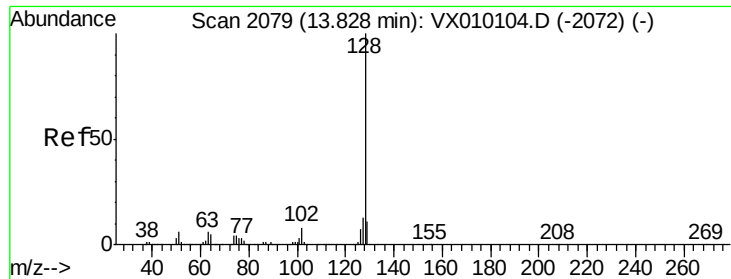
#94
 Hexachlorobutadiene
 Concen: 19.150 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010197.D
 Acq: 10 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	63.5	32.3	96.8



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





#95

Naphthalene

Concen: 19.061 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBSD03

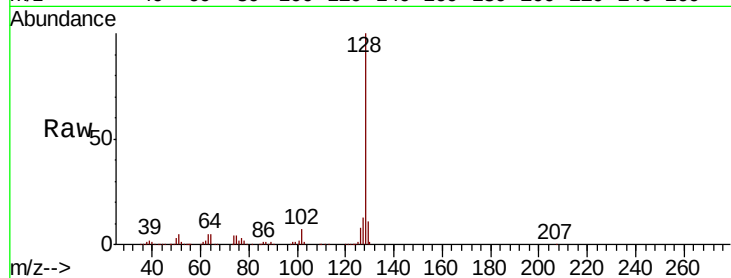
Tot Ion:128 Resp: 251929

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

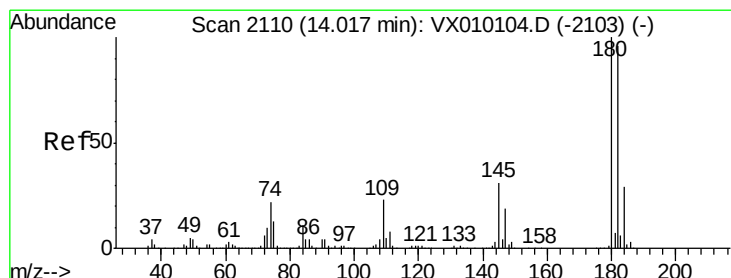
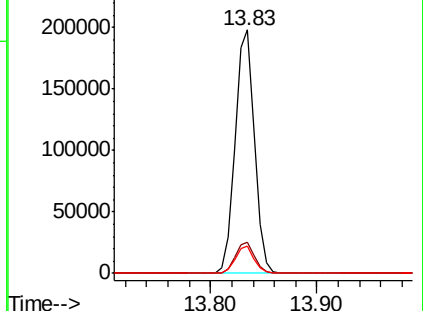
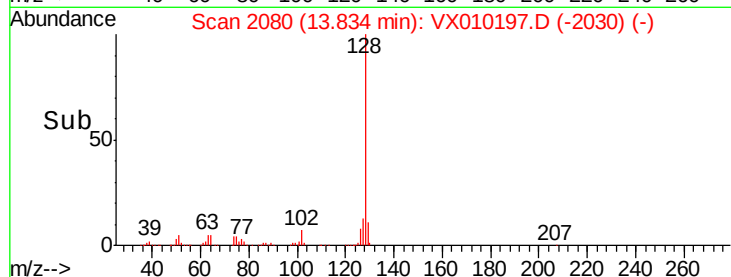
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.850 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010197.D

Acq: 10 Jun 2019 23:56

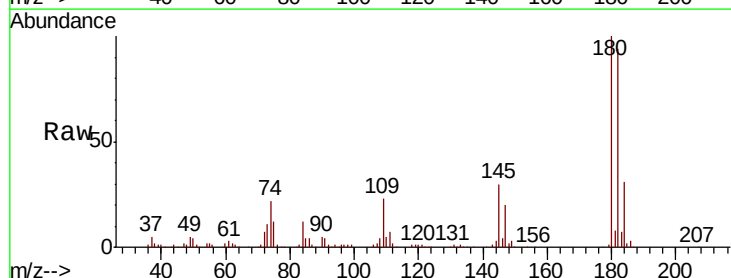
Tgt Ion:180 Resp: 78254

Ion Ratio Lower Upper

180 100

182 93.9 47.3 142.0

145 29.9 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

