

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010117.D
 Acq On : 07 Jun 2019 18:37
 Operator : JC/SP
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Quant Time: Jun 08 02:22:30 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	5.66	168	319449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222361	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	153727	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	147852	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	561994	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	208240	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60504	20.584	ug/l	99
3) Chloromethane	1.33	50	57075	19.552	ug/l	98
4) Vinyl Chloride	1.41	62	53147	19.371	ug/l	98
5) Bromomethane	1.64	94	25201	24.341	ug/l	97
6) Chloroethane	1.72	64	29357	21.223	ug/l	95
7) Trichlorofluoromethane	1.93	101	79963	19.621	ug/l	98
8) Diethyl Ether	2.19	74	27093	19.288	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52268	18.606	ug/l	91
10) Methyl Iodide	2.51	142	83536	19.192	ug/l	97
11) Tert butyl alcohol	3.04	59	83710	109.587	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53333	18.587	ug/l	81
13) Acrolein	2.29	56	13857	99.487	ug/l	97
14) Allyl chloride	2.73	41	80316	18.544	ug/l #	87
15) Acrylonitrile	3.14	53	151331	96.924	ug/l	99
16) Acetone	2.44	43	128118	87.357	ug/l #	89
17) Carbon Disulfide	2.57	76	148775	17.945	ug/l	99
18) Methyl Acetate	2.78	43	60910	18.885	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	174275	18.905	ug/l	95
20) Methylene Chloride	2.85	84	60629	18.824	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	58283	18.355	ug/l #	79
22) Diisopropyl ether	3.86	45	159842	19.302	ug/l #	79
23) Vinyl Acetate	3.81	43	720844	97.576	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	94566	18.808	ug/l	96
25) 2-Butanone	4.67	43	209409	95.887	ug/l #	82
26) 2,2-Dichloropropane	4.59	77	79344	17.298	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	67555	19.124	ug/l	78
28) Bromochloromethane	5.02	49	40959	18.177	ug/l #	50
29) Tetrahydrofuran	5.13	42	131892	96.097	ug/l #	73
30) Chloroform	5.21	83	98645	18.892	ug/l	99
31) Cyclohexane	5.58	56	86766	19.121	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	92351	18.813	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	73649	18.478	ug/l	92
37) Ethyl Acetate	4.84	43	77388	18.661	ug/l #	90
38) Carbon Tetrachloride	5.79	117	81433	18.050	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010117.D
 Acq On : 07 Jun 2019 18:37
 Operator : JC/SP
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Quant Time: Jun 08 02:22:30 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	98961	18.233	ug/l #	83
40) Benzene	6.14	78	232596	18.872	ug/l	99
41) Methacrylonitrile	5.04	41	42488	18.940	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	74196	18.857	ug/l	97
43) Isopropyl Acetate	6.44	43	130761	18.858	ug/l #	89
44) Trichloroethene	7.21	130	67945	18.289	ug/l	86
45) 1,2-Dichloropropane	7.51	63	58932	19.104	ug/l	99
46) Dibromomethane	7.66	93	42263	18.287	ug/l	91
47) Bromodichloromethane	7.90	83	79811	18.481	ug/l	99
48) Methyl methacrylate	7.77	41	62429	19.252	ug/l #	79
49) 1,4-Dioxane	7.74	88	35660	385.696	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	410195	99.025	ug/l	89
52) Toluene	8.79	92	152366	18.807	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	91021	18.222	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	97007	18.115	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	63904	19.260	ug/l	96
56) Ethyl methacrylate	9.18	69	100671	19.207	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	97871	18.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	237026	95.928	ug/l #	86
59) 2-Hexanone	9.49	43	322729	97.716	ug/l	87
60) Dibromochloromethane	9.58	129	72573	18.492	ug/l	100
61) 1,2-Dibromoethane	9.67	107	69588	18.831	ug/l	99
64) Tetrachloroethene	9.34	164	60974	18.565	ug/l	97
65) Chlorobenzene	10.13	112	171089	18.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66755	19.020	ug/l	99
67) Ethyl Benzene	10.25	91	290841	18.720	ug/l	94
68) m/p-Xylenes	10.36	106	226637	37.696	ug/l	90
69) o-Xylene	10.69	106	112681	18.854	ug/l	88
70) Styrene	10.71	104	190041	18.775	ug/l	96
71) Bromoform	10.85	173	59665	18.492	ug/l #	96
73) Isopropylbenzene	11.02	105	290809	18.735	ug/l	95
74) N-amyl acetate	10.90	43	116930	19.057	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	101303	19.065	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116299	26.148	ug/l	82
77) Bromobenzene	11.25	156	78910	18.486	ug/l	83
78) n-propylbenzene	11.36	91	321154	18.585	ug/l	94
79) 2-Chlorotoluene	11.42	91	189759	18.283	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	244702	18.717	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36300	18.033	ug/l #	83
82) 4-Chlorotoluene	11.51	91	219273	18.598	ug/l	91
83) tert-Butylbenzene	11.77	119	247521	18.705	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	246579	18.672	ug/l	96
85) sec-Butylbenzene	11.94	105	281521	18.261	ug/l	95
86) p-Isopropyltoluene	12.06	119	260001	18.448	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	137794	18.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137066	18.084	ug/l	98
89) n-Butylbenzene	12.38	91	218991	18.051	ug/l	96
90) Hexachloroethane	12.60	117	50873	18.120	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	138934	19.007	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23724	18.974	ug/l	72

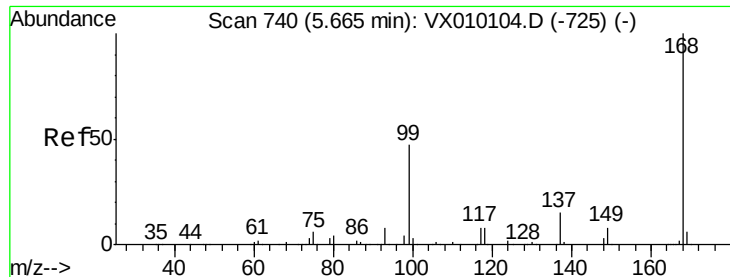
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010117.D
Acq On : 07 Jun 2019 18:37
Operator : JC/SP
Sample : VX0607WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Quant Time: Jun 08 02:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95582	17.864	ug/l	98
94) Hexachlorobutadiene	13.78	225	41856	17.590	ug/l	99
95) Naphthalene	13.83	128	317012	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96946	18.325	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

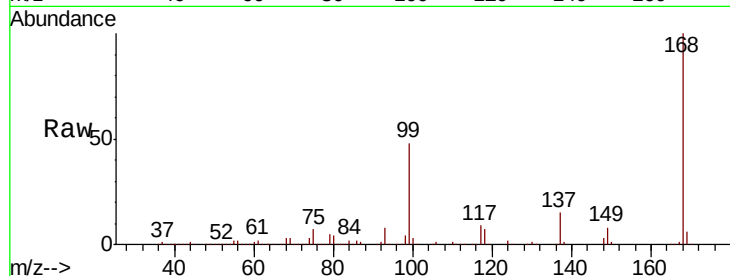
VX0607WBSD01

Tot Ion:168 Resp: 319449

Ion Ratio Lower Upper

168 100

99 47.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

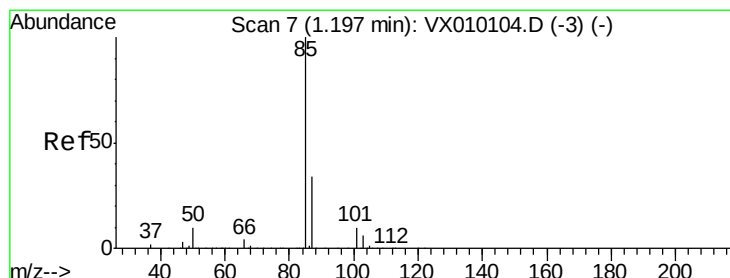
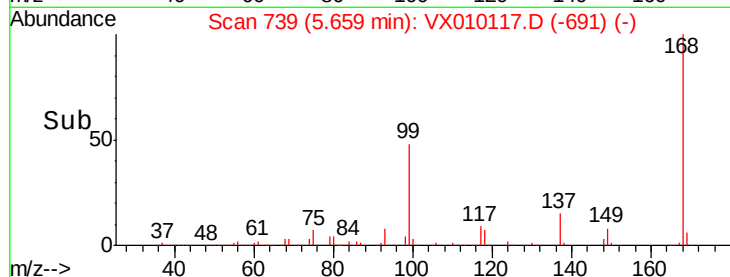
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.584 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010117.D

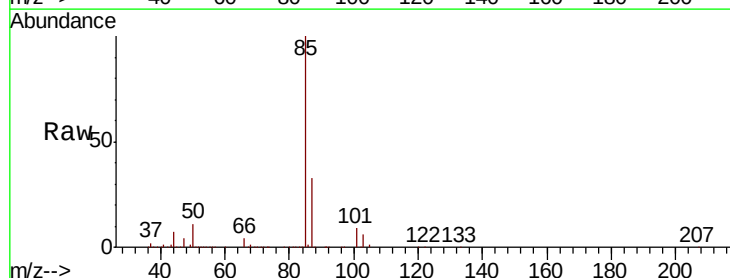
Acq: 07 Jun 2019 18:37

Tgt Ion: 85 Resp: 60504

Ion Ratio Lower Upper

85 100

87 32.7 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

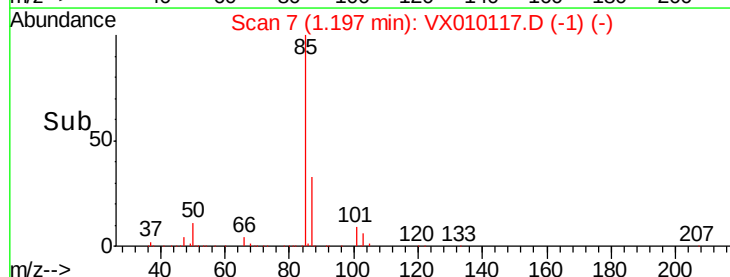
60000

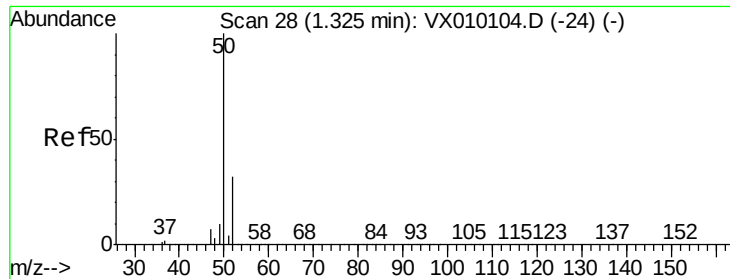
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.552 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

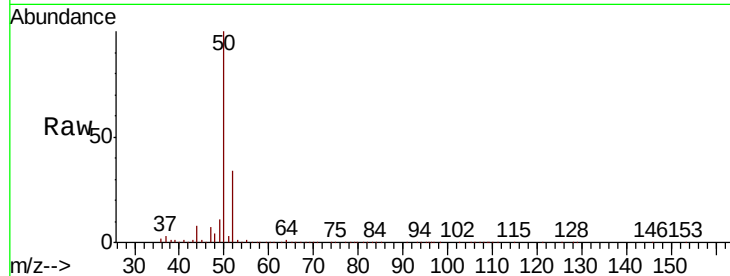
VX0607WBSD01

Tot Ion: 50 Resp: 57075

Ion Ratio Lower Upper

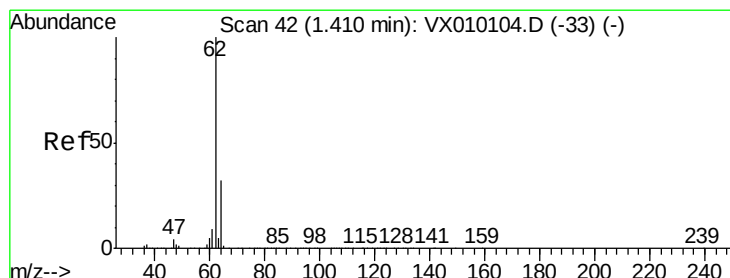
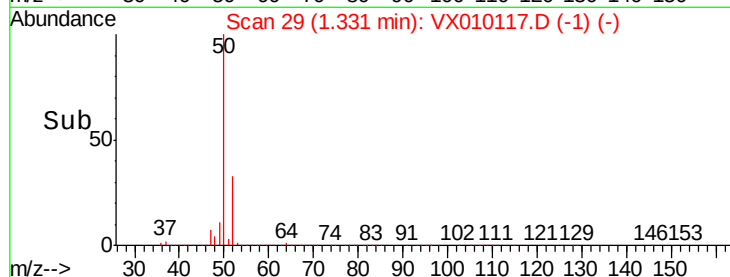
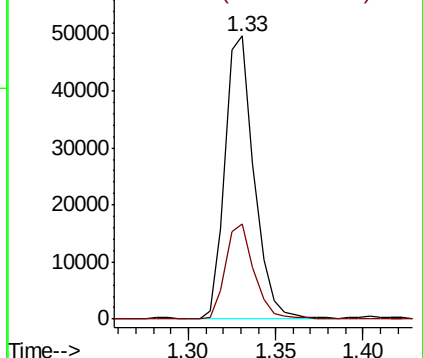
50 100

52 33.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.371 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010117.D

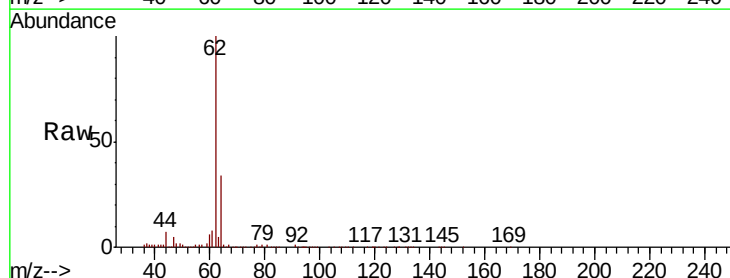
Acq: 07 Jun 2019 18:37

Tgt Ion: 62 Resp: 53147

Ion Ratio Lower Upper

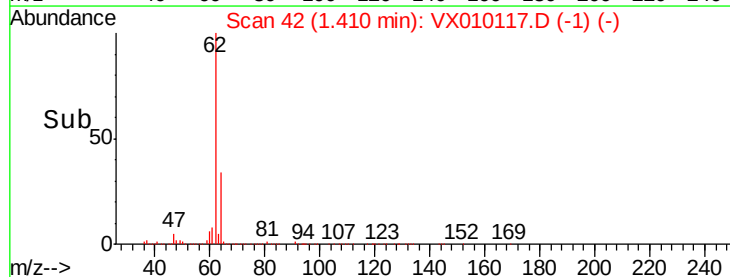
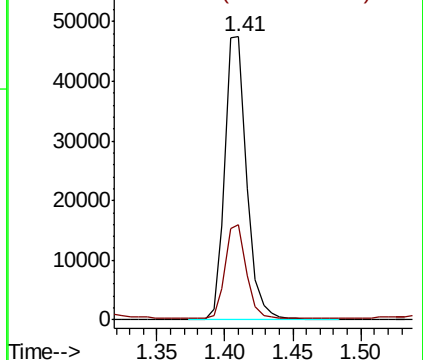
62 100

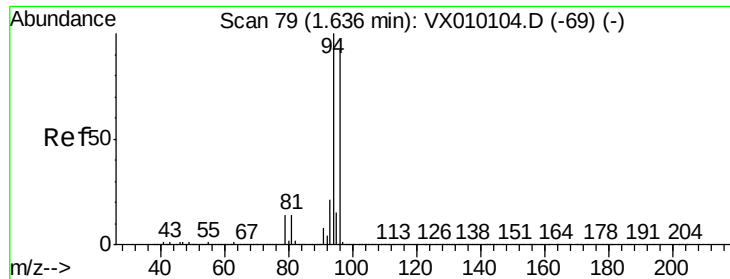
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.341 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

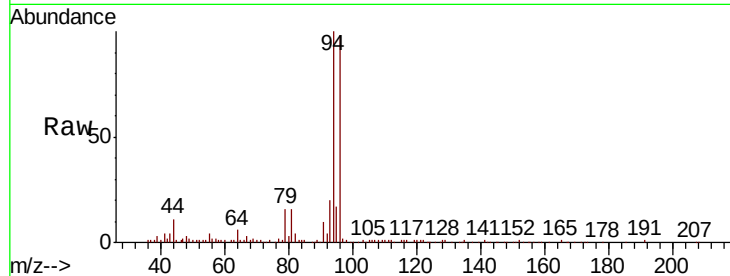
VX0607WBSD01

Tot Ion: 94 Resp: 25201

Ion Ratio Lower Upper

94 100

96 97.8 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

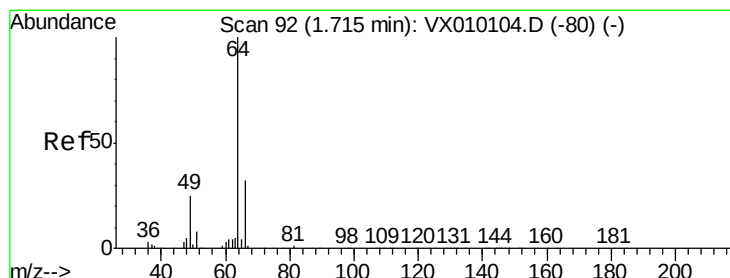
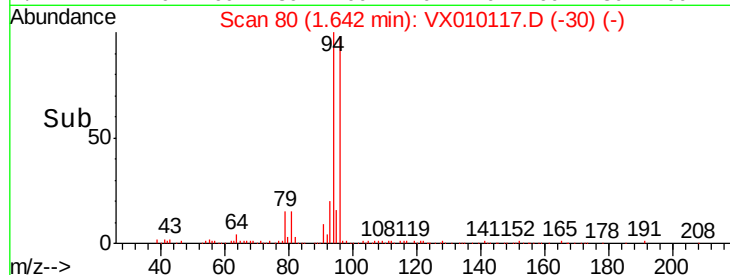
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 21.223 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010117.D

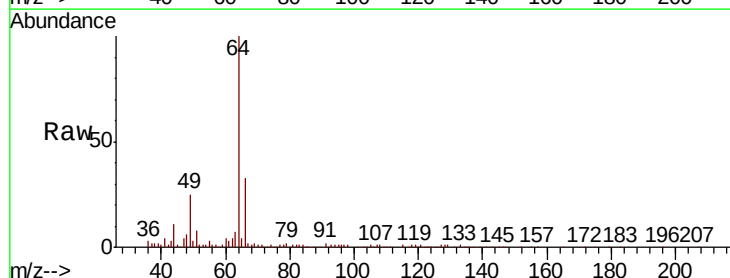
Acq: 07 Jun 2019 18:37

Tgt Ion: 64 Resp: 29357

Ion Ratio Lower Upper

64 100

66 34.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

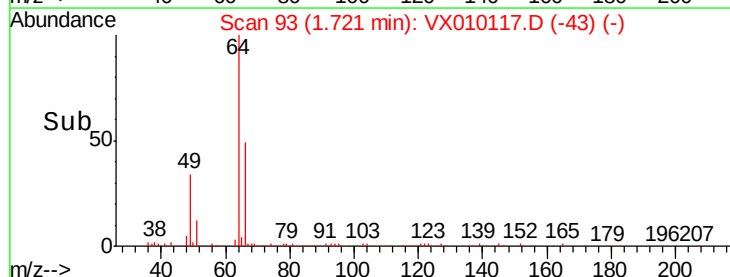
10000

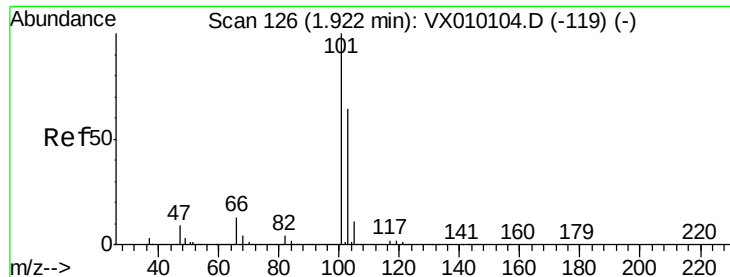
5000

0

Time-->

1.65 1.70 1.75 1.80



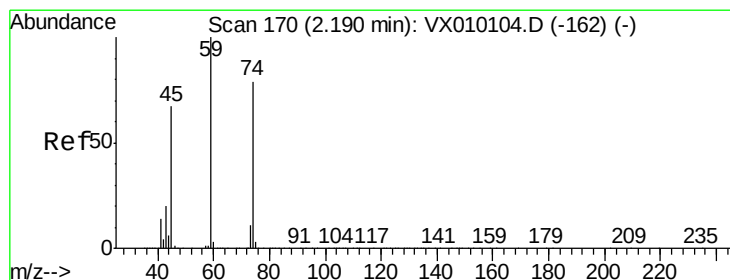
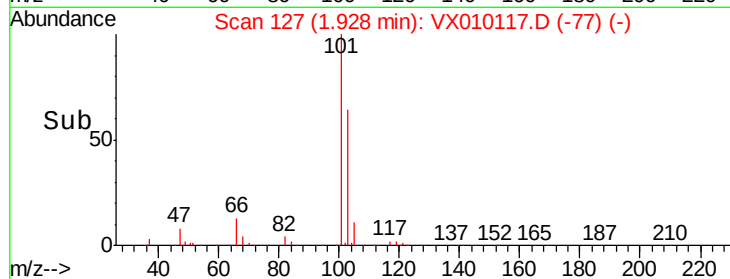
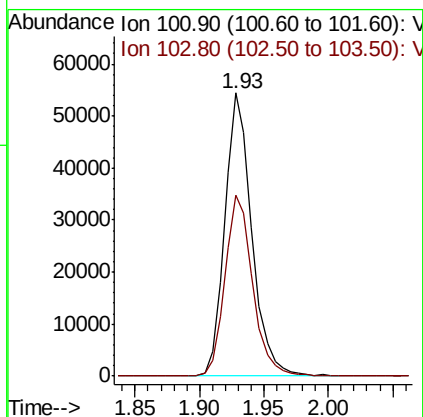
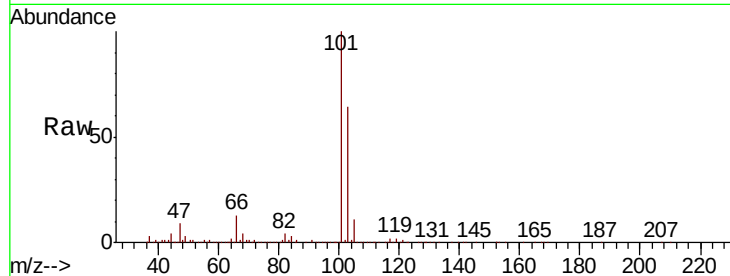


#7

Trichlorofluoromethane
 Concen: 19.621 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

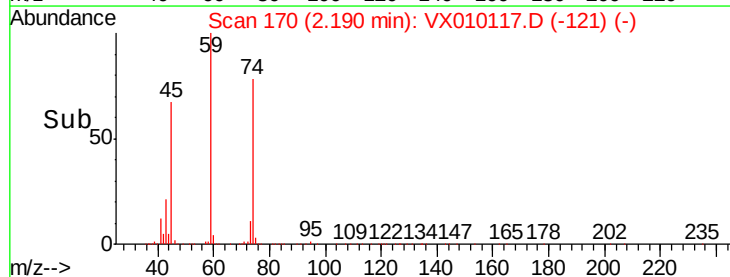
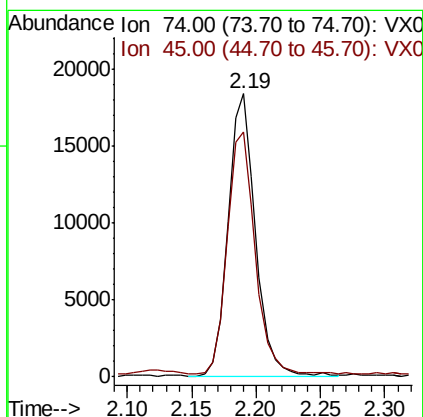
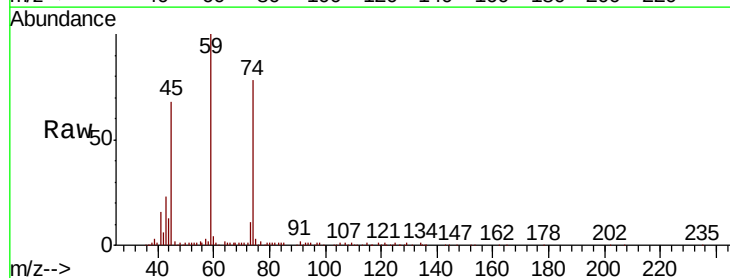
Tot Ion:101 Resp: 79963
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.4

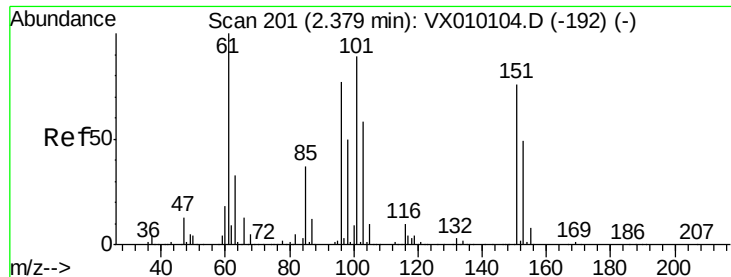


#8

Diethyl Ether
 Concen: 19.288 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 74 Resp: 27093
 Ion Ratio Lower Upper
 74 100
 45 88.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.606 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

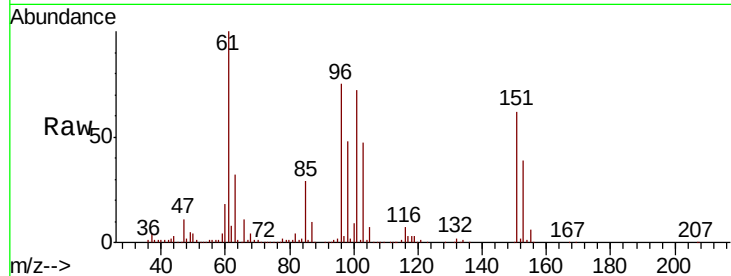
Tot Ion:101 Resp: 52268

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

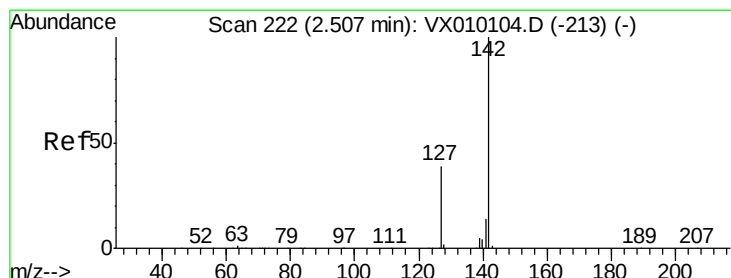
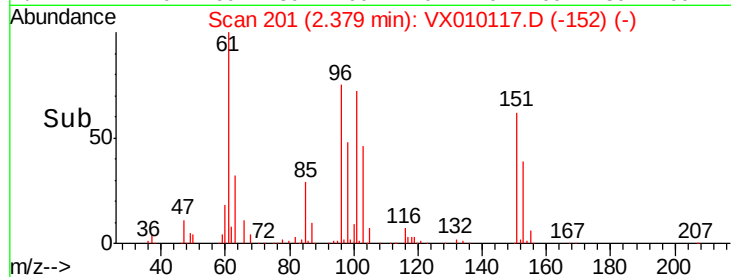
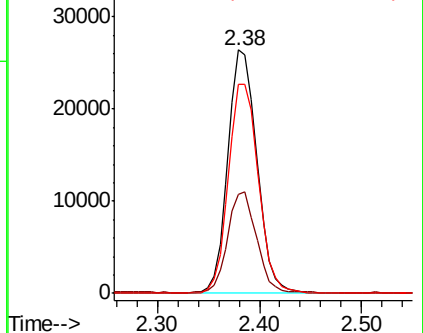
151 88.4 61.9 92.9



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: 19.192 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

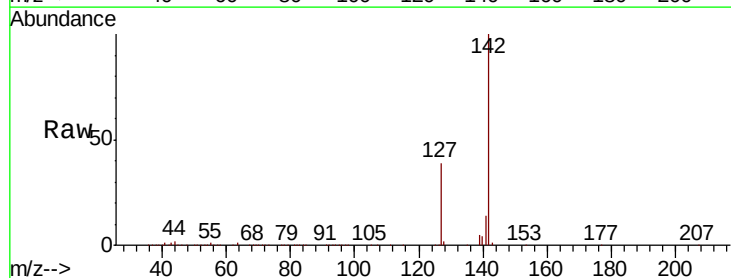
Tgt Ion:142 Resp: 83536

Ion Ratio Lower Upper

142 100

127 38.5 33.0 49.4

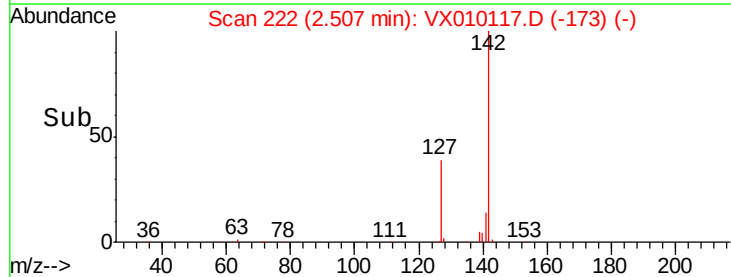
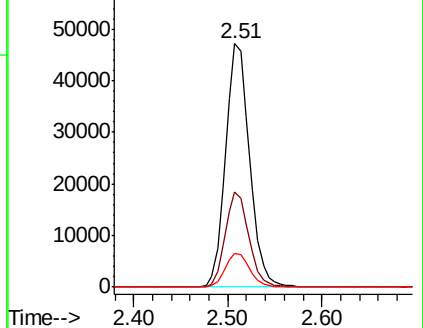
141 14.4 11.4 17.0

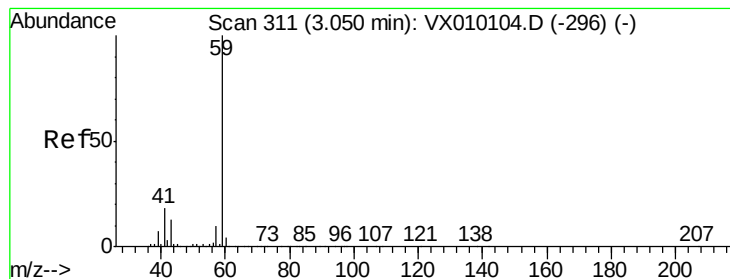


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



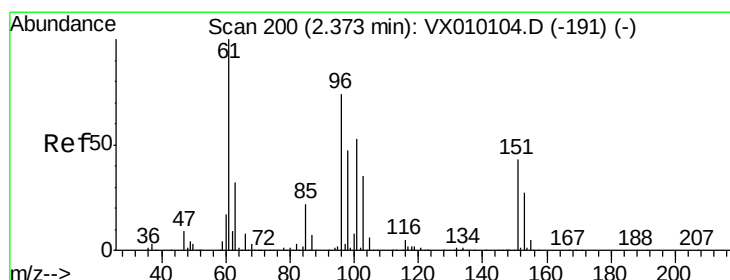
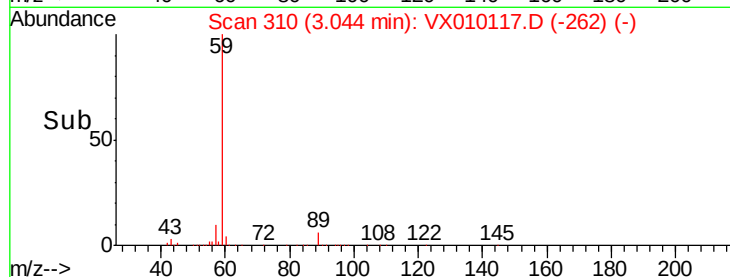
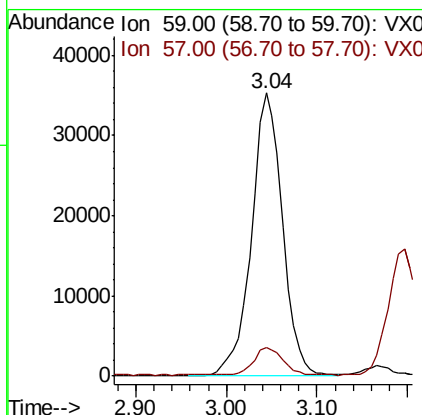
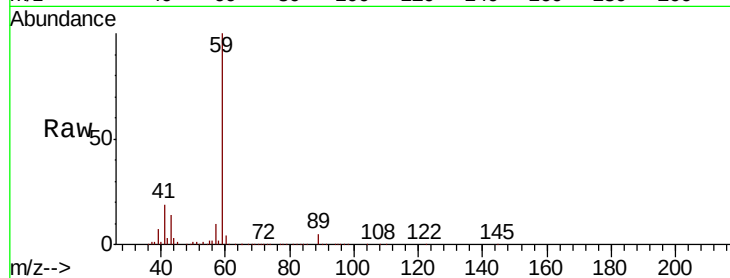


#11

Tert butyl alcohol
 Concen: 109.587 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

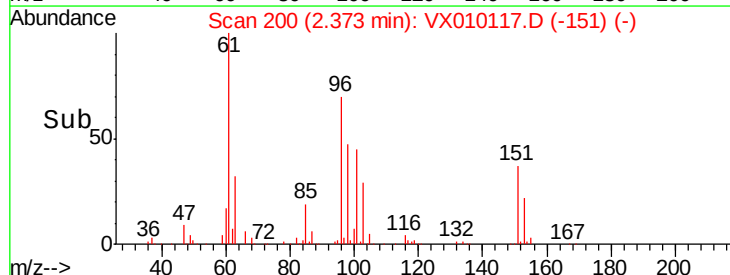
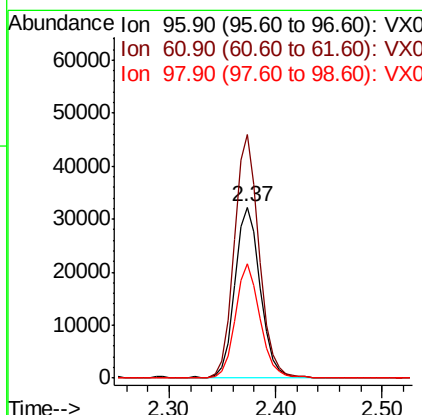
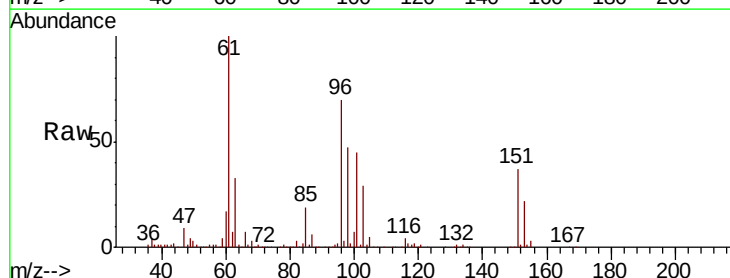
Tot Ion: 59 Resp: 83710
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.2 12.2

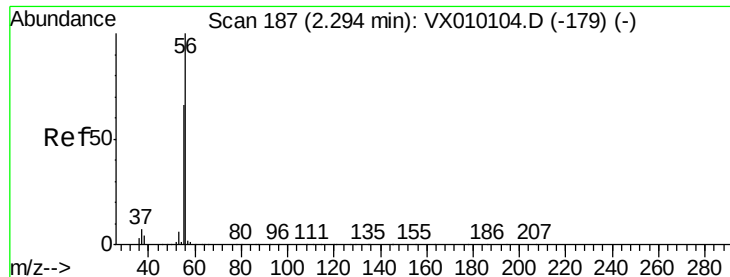


#12

1,1-Dichloroethene
 Concen: 18.587 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 96 Resp: 53333
 Ion Ratio Lower Upper
 96 100
 61 143.2 140.7 211.1
 98 67.0 50.1 75.1





#13

Acrolein

Concen: 99.487 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

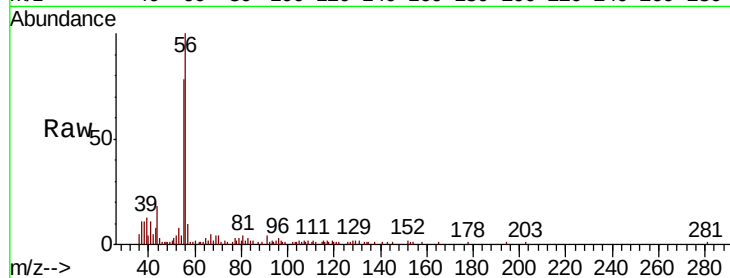
VX0607WBSD01

Tot Ion: 56 Resp: 13857

Ion Ratio Lower Upper

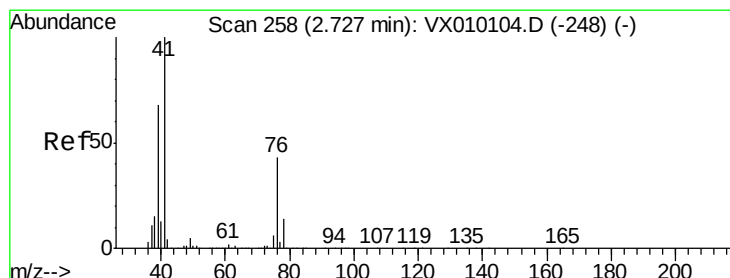
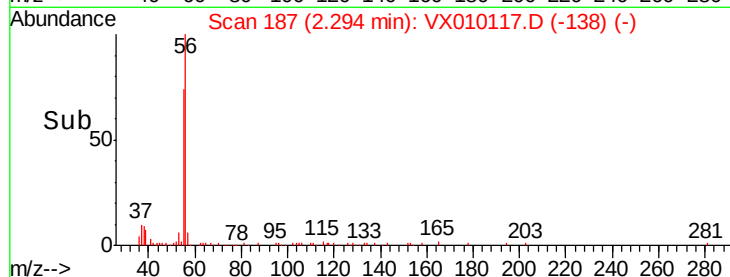
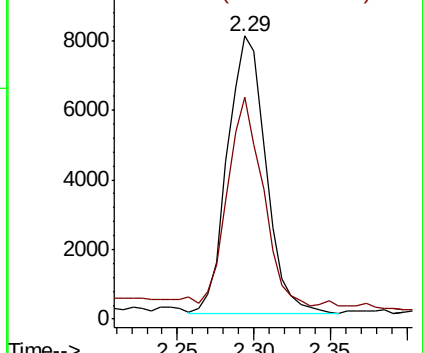
56 100

55 68.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.544 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

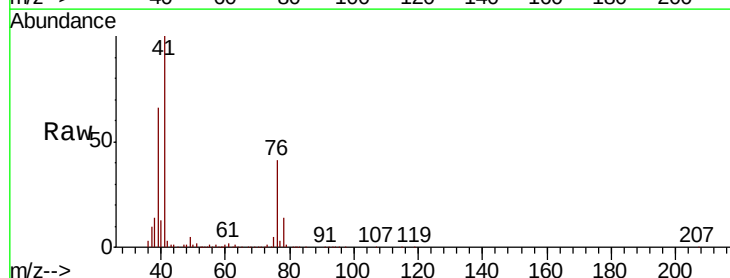
Tgt Ion: 41 Resp: 80316

Ion Ratio Lower Upper

41 100

39 63.6 46.7 70.1

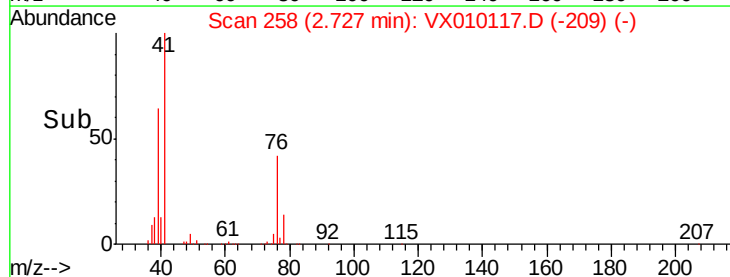
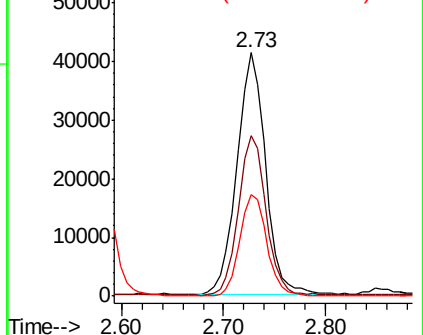
76 39.3 21.0 31.4#

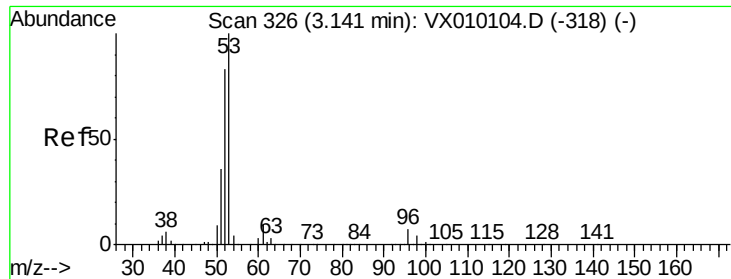


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.924 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

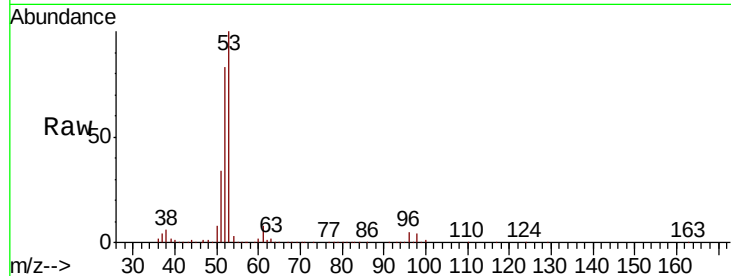
Tot Ion: 53 Resp: 151331

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

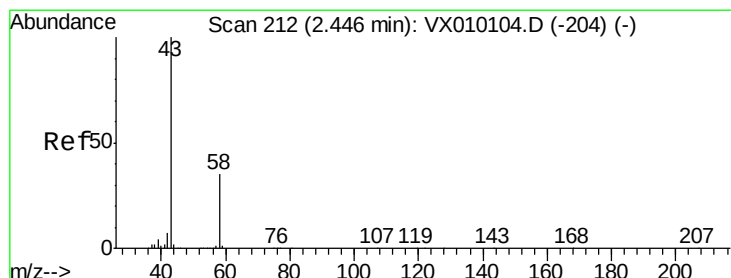
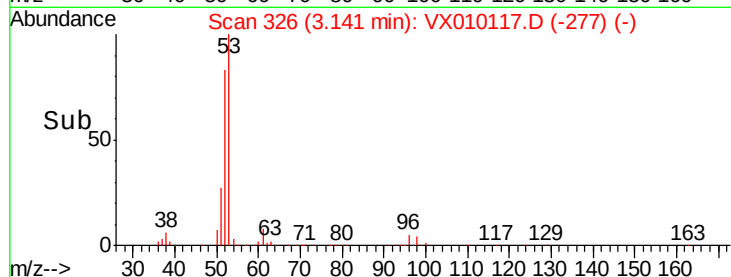
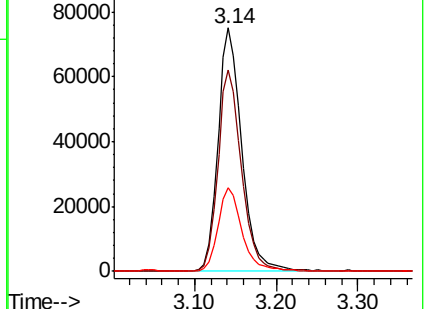
51 34.7 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 87.357 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010117.D

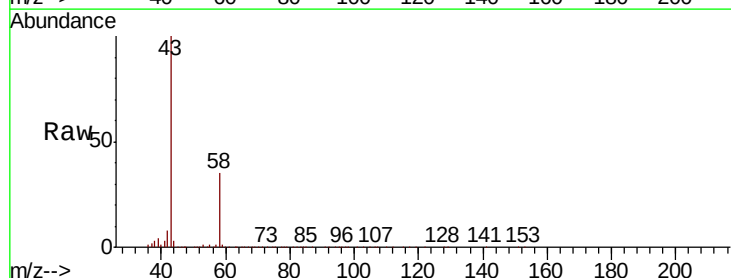
Acq: 07 Jun 2019 18:37

Tgt Ion: 43 Resp: 128118

Ion Ratio Lower Upper

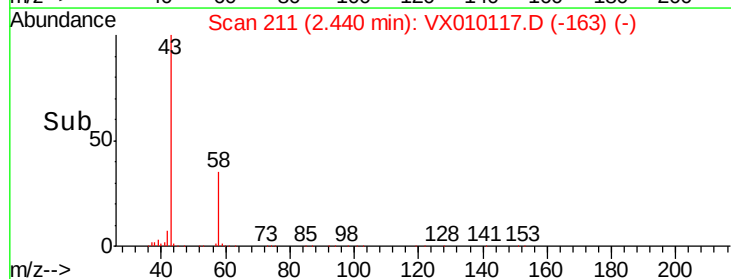
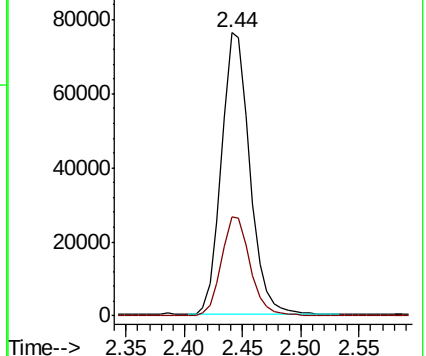
43 100

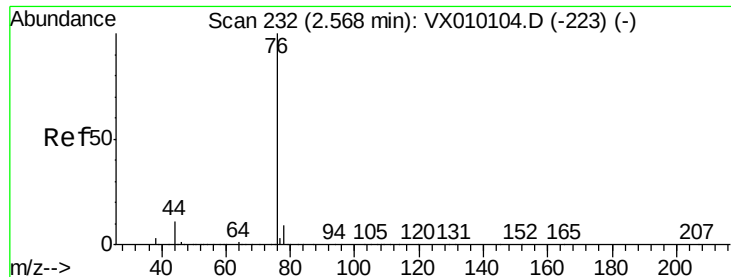
58 34.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

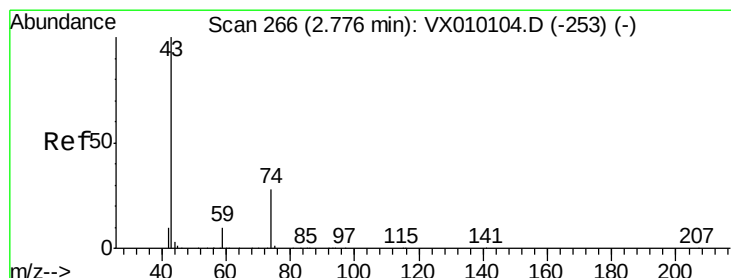
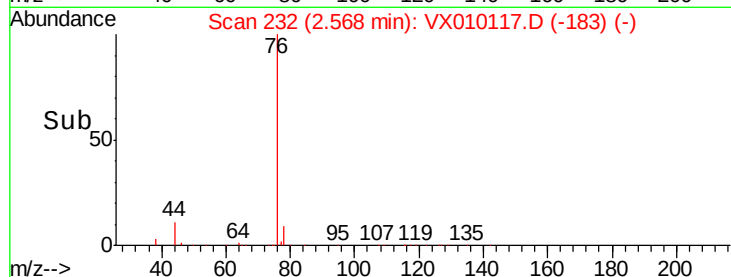
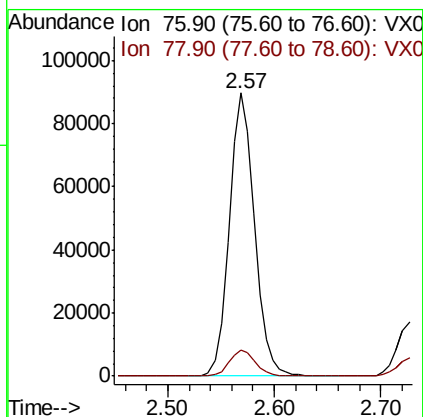
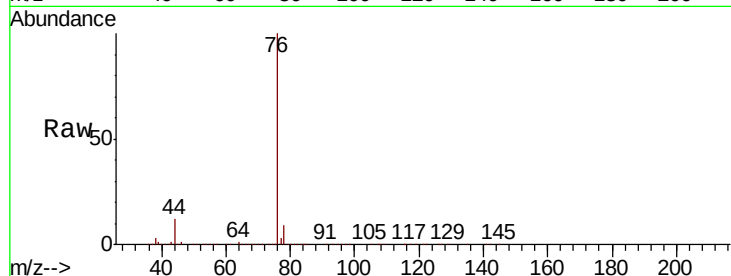




#17
Carbon Disulfide
Concen: 17.945 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

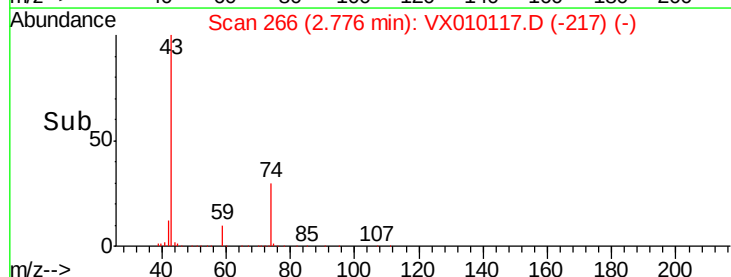
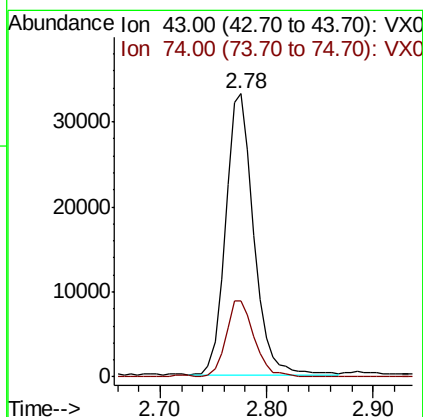
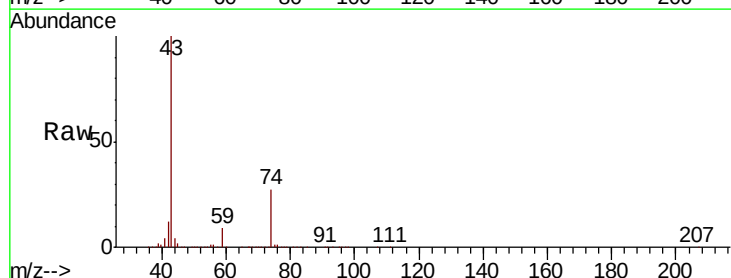
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

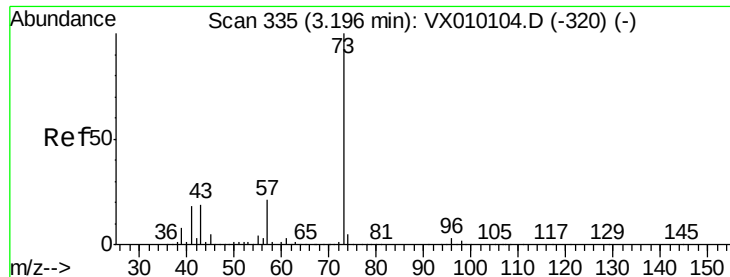
Tot Ion: 76 Resp: 148775
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 18.885 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 43 Resp: 60910
Ion Ratio Lower Upper
43 100
74 27.5 15.8 23.6#



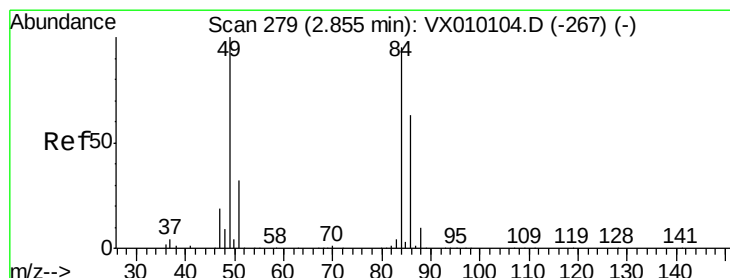
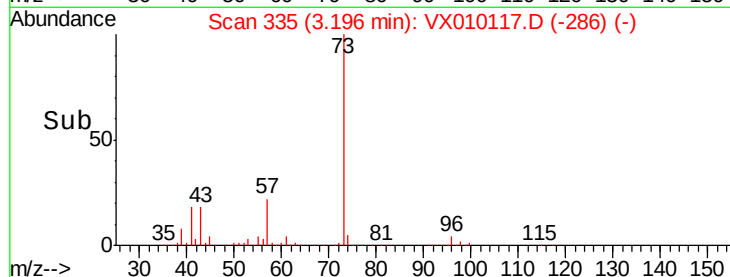
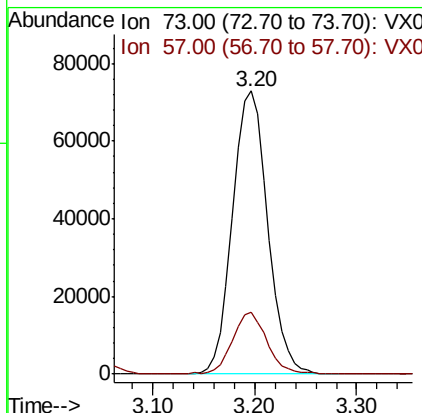
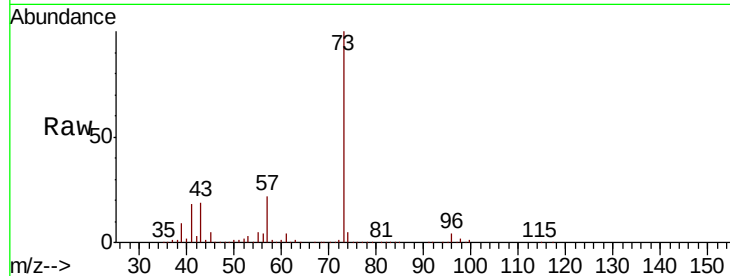


#19

Methyl tert-butyl Ether
 Concen: 18.905 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

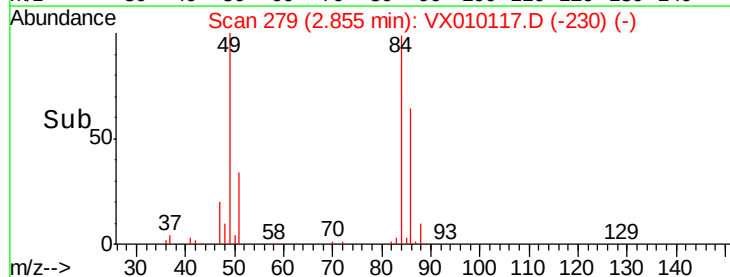
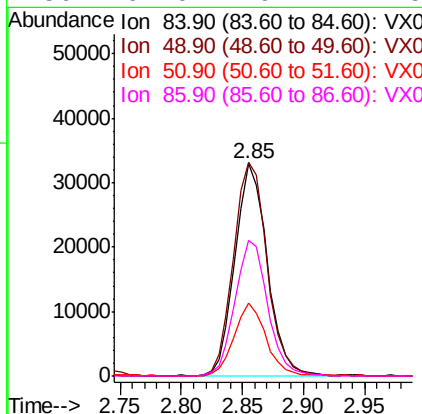
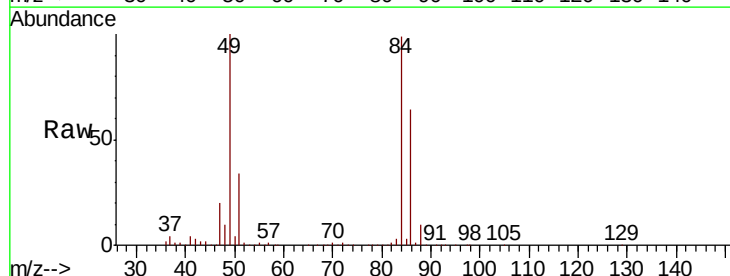
Tot Ion: 73 Resp: 174275
 Ion Ratio Lower Upper
 73 100
 57 21.6 19.4 29.2

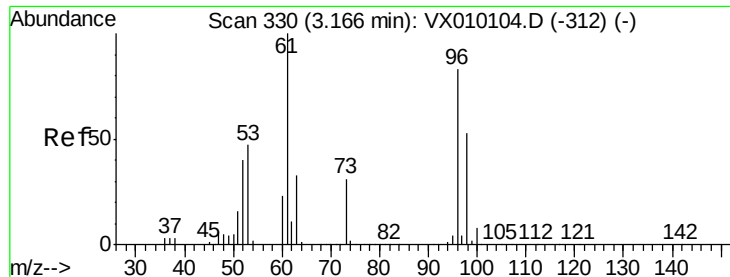


#20

Methylene Chloride
 Concen: 18.824 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 84 Resp: 60629
 Ion Ratio Lower Upper
 84 100
 49 100.5 115.8 173.6#
 51 34.4 34.4 51.6#
 86 64.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.355 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

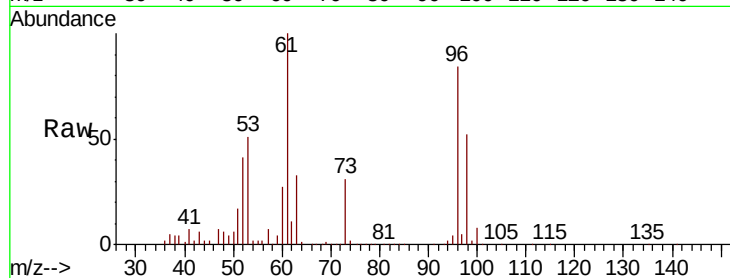
Tot Ion: 96 Resp: 58283

Ion Ratio Lower Upper

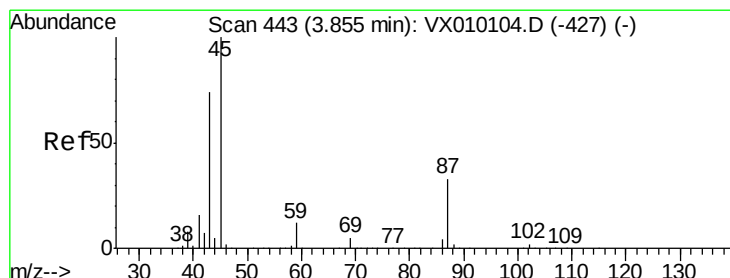
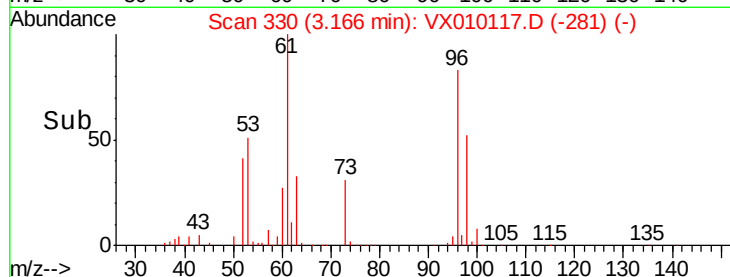
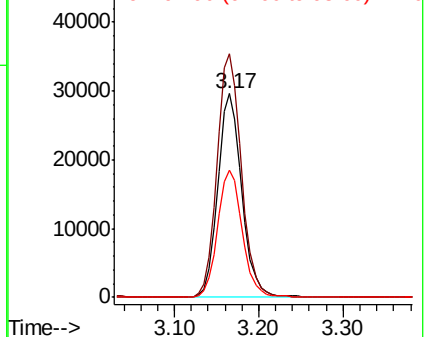
96 100

61 119.3 125.7 188.5#

98 62.2 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: 19.302 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Tgt Ion: 45 Resp: 159842

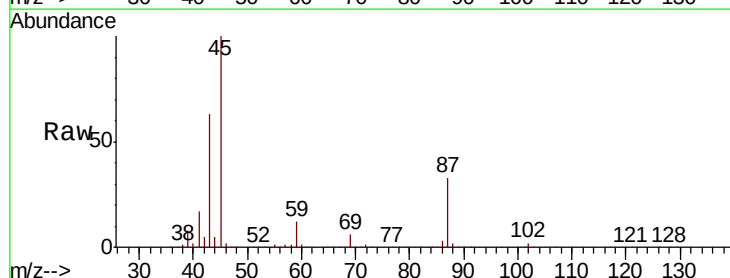
Ion Ratio Lower Upper

45 100

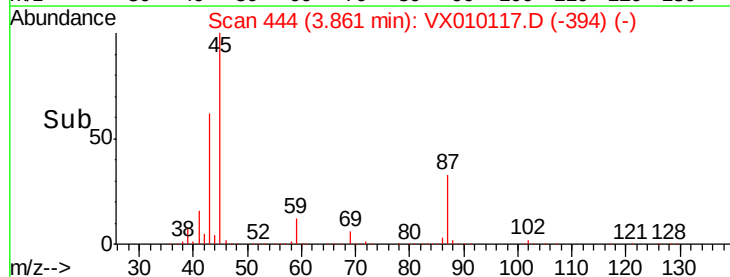
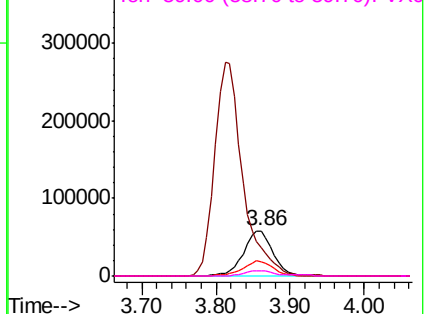
43 62.1 65.0 97.4#

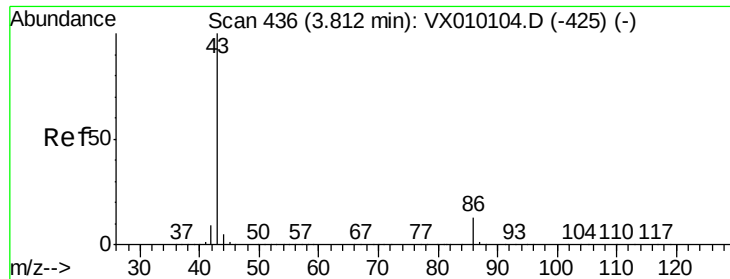
87 32.9 17.3 25.9#

59 12.1 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: 97.576 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

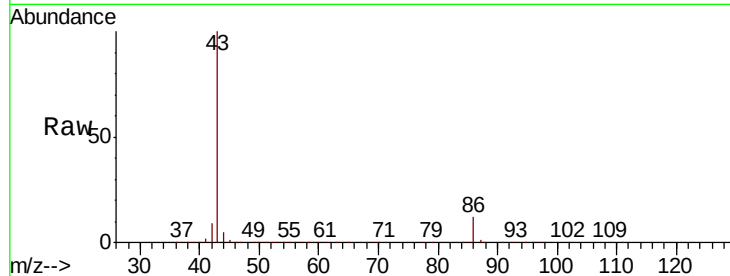
VX0607WBSD01

Tot Ion: 43 Resp: 720844

Ion Ratio Lower Upper

43 100

86 11.8 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

300000

250000

200000

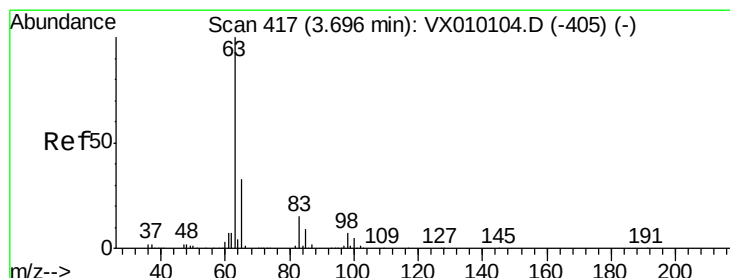
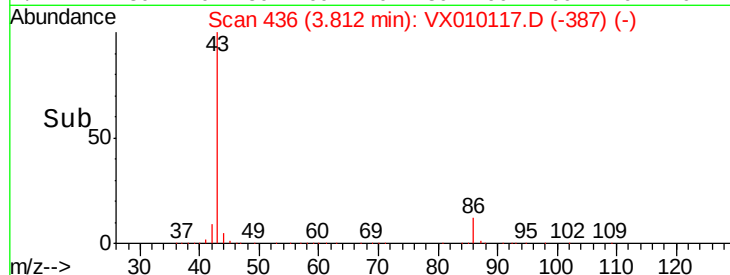
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.808 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

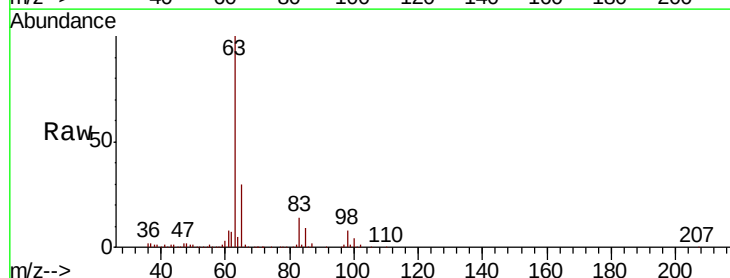
Tgt Ion: 63 Resp: 94566

Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

100 4.4 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

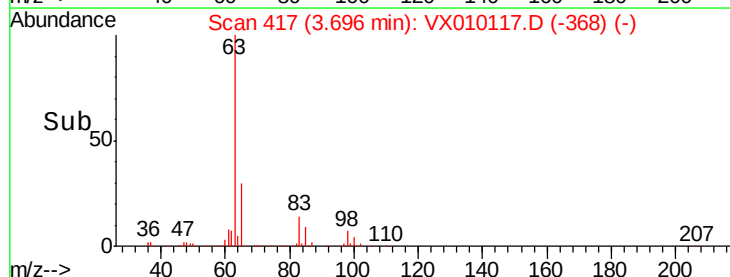
30000

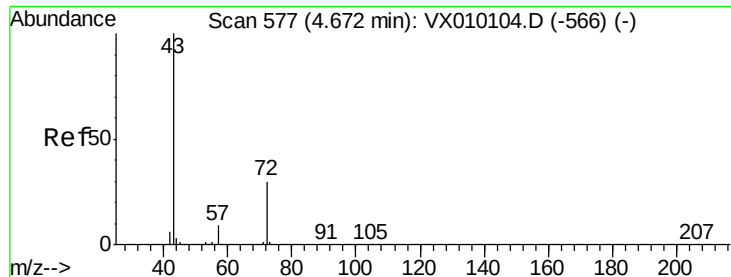
20000

10000

0

Time-->





#25

2-Butanone

Concen: 95.887 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

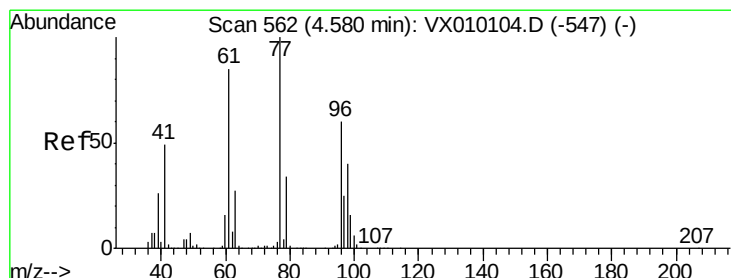
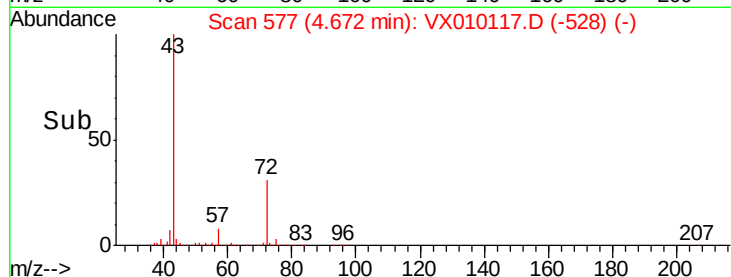
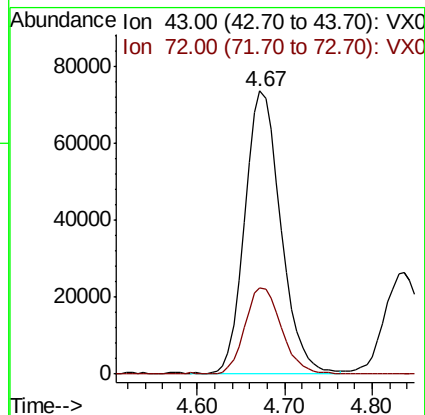
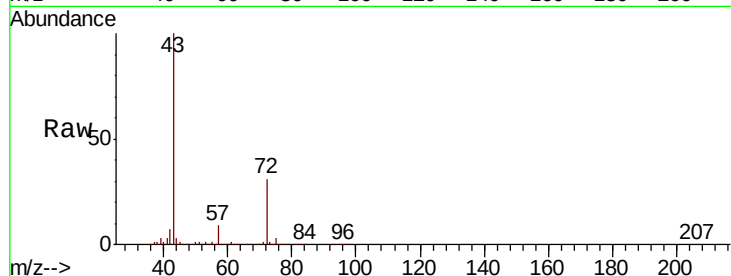
VX0607WBSD01

Tot Ion: 43 Resp: 209409

Ion Ratio Lower Upper

43 100

72 30.4 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 17.298 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010117.D

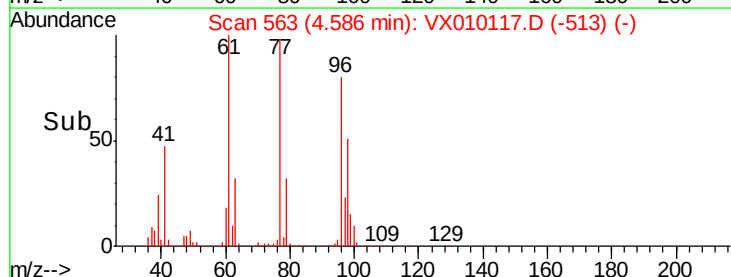
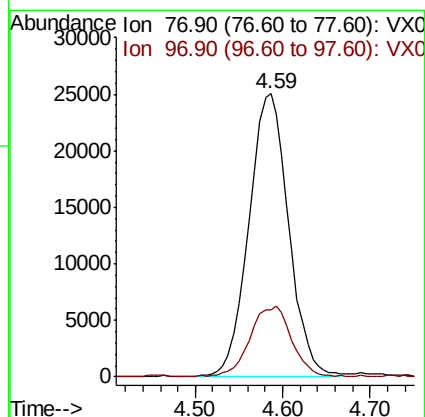
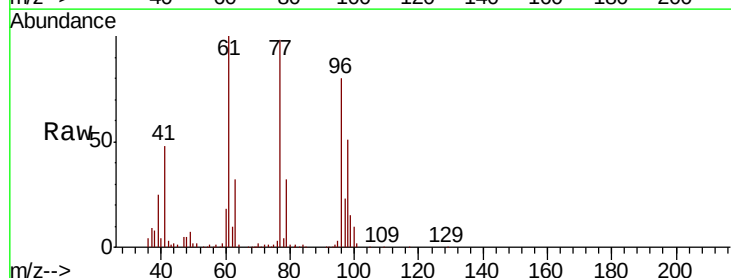
Acq: 07 Jun 2019 18:37

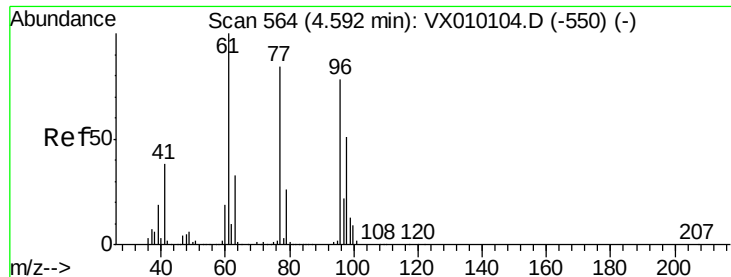
Tgt Ion: 77 Resp: 79344

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.2



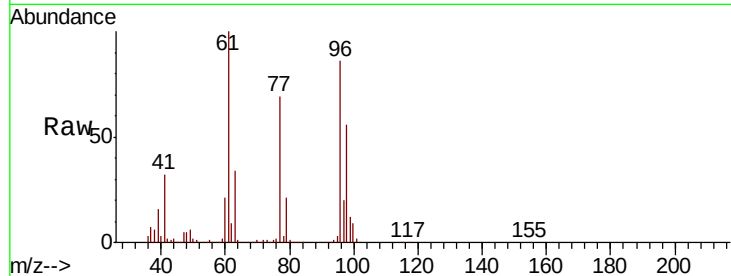


#27

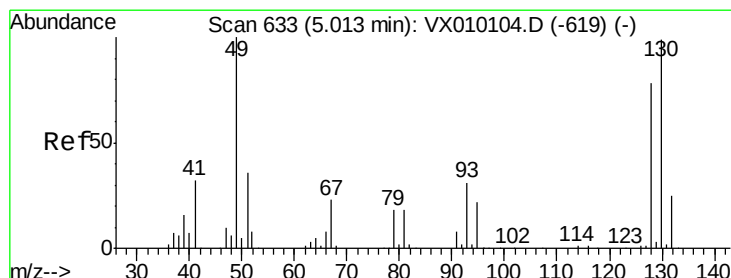
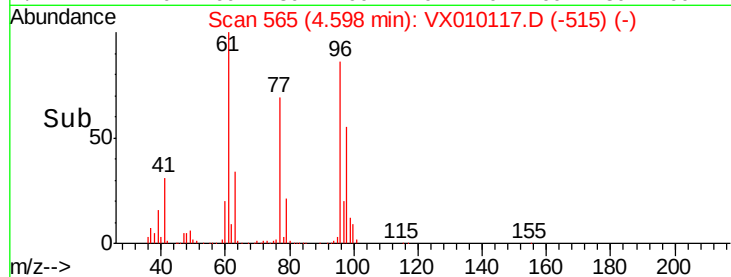
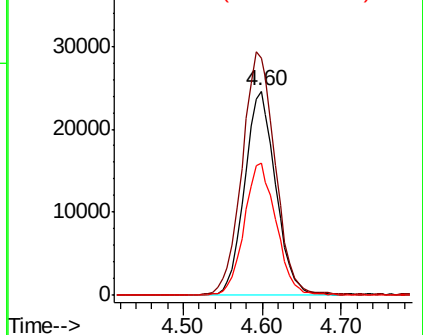
cis-1,2-Dichloroethene
 Concen: 19.124 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion	96	Resp	67555
Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	334.0
98	65.3	0.0	131.6



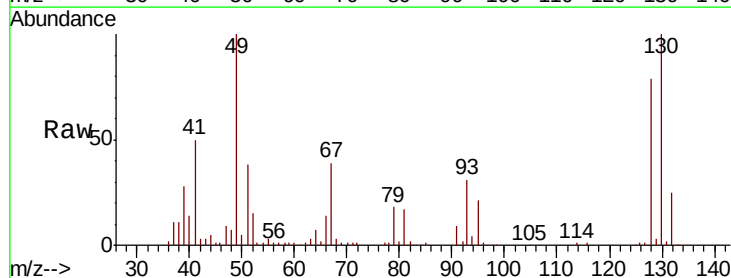
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



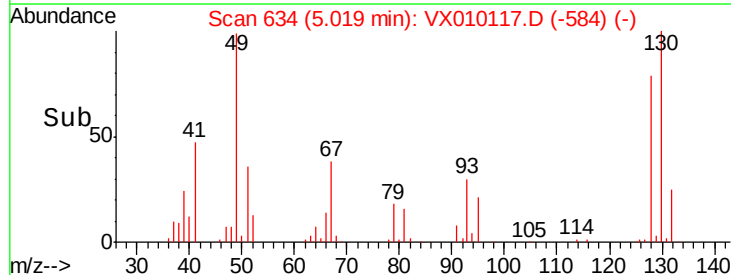
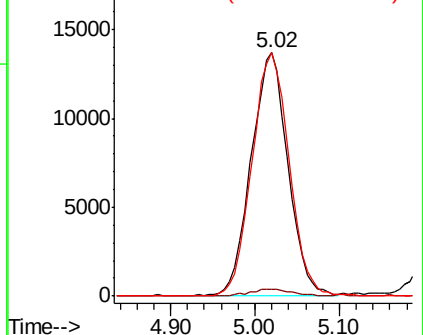
#28

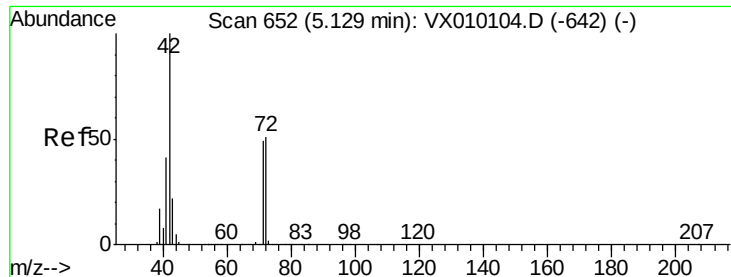
Bromochloromethane
 Concen: 18.177 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion	49	Resp	40959
Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	3.4
130	101.2	49.4	74.2#



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





#29

Tetrahydrofuran

Concen: 96.097 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

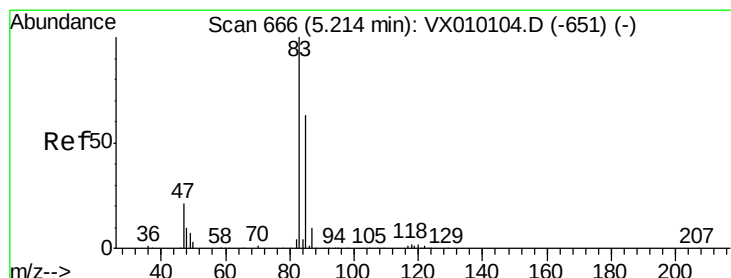
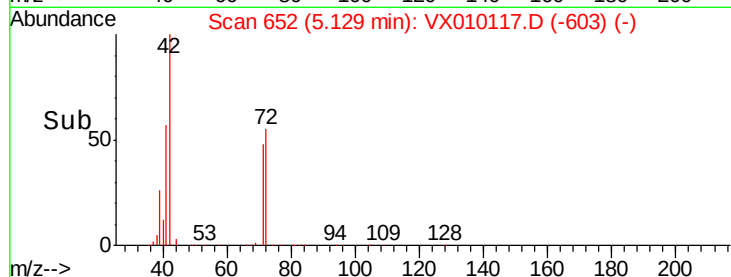
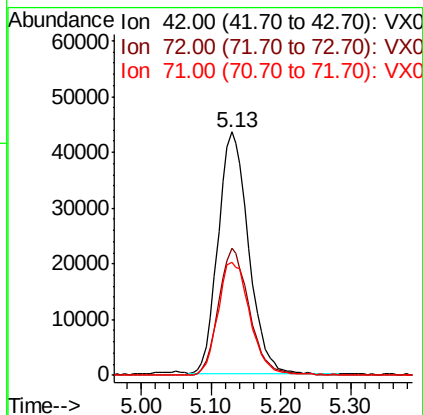
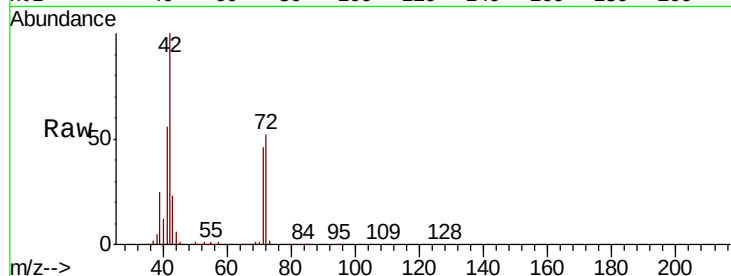
Tot Ion: 42 Resp: 131892

Ion Ratio Lower Upper

42 100

72 53.0 29.2 43.8#

71 49.1 27.6 41.4#



#30

Chloroform

Concen: 18.892 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010117.D

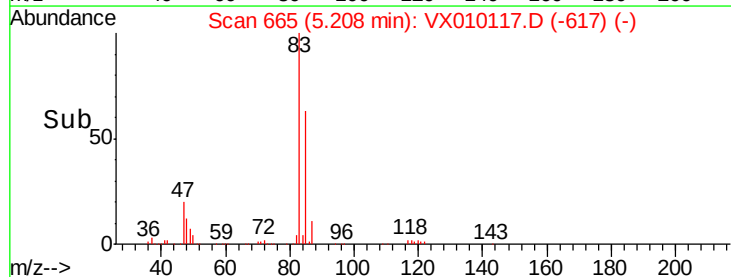
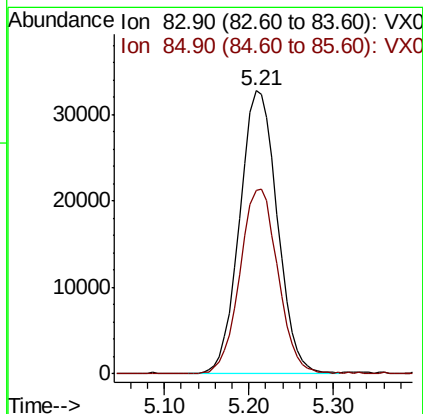
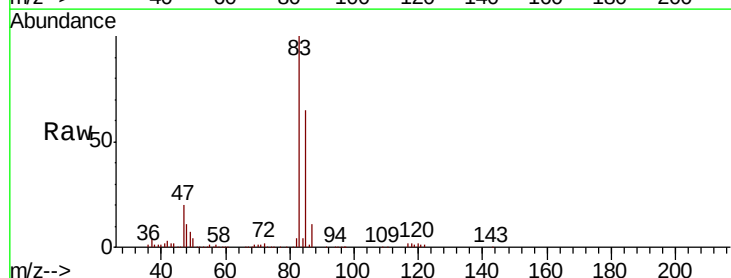
Acq: 07 Jun 2019 18:37

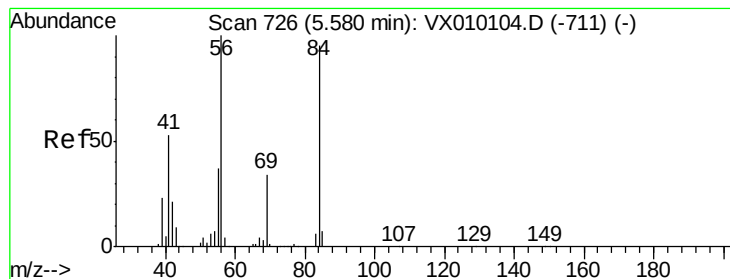
Tgt Ion: 83 Resp: 98645

Ion Ratio Lower Upper

83 100

85 65.0 52.6 78.8





#31

Cyclohexane

Concen: 19.121 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

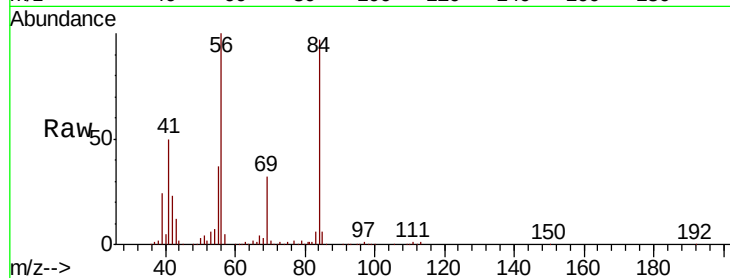
Tot Ion: 56 Resp: 86766

Ion Ratio Lower Upper

56 100

69 32.3 21.6 32.4

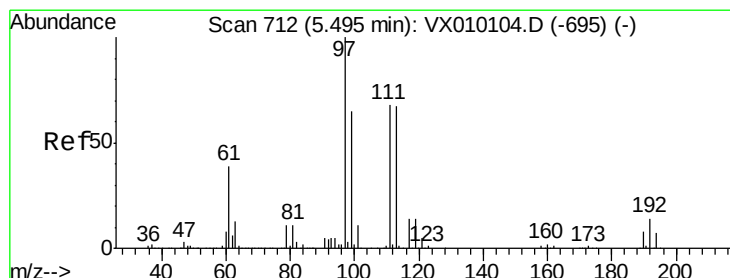
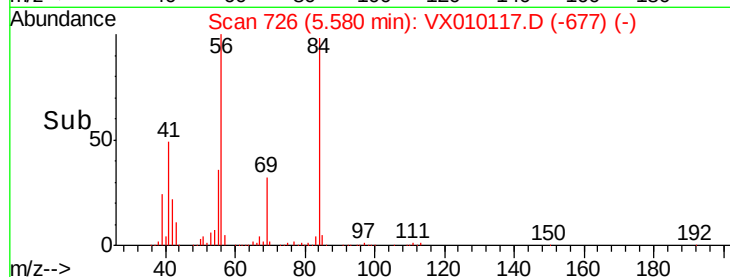
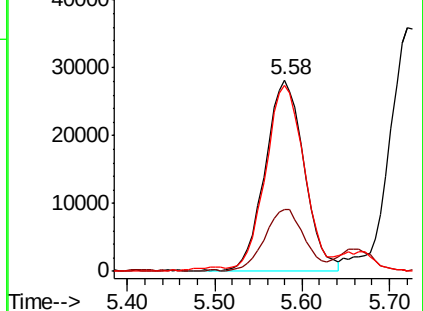
84 96.3 56.8 85.2#



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: 18.813 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

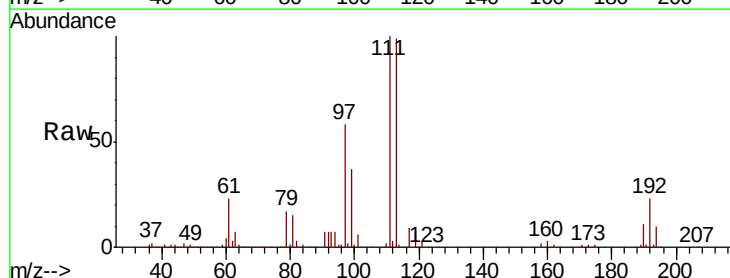
Tgt Ion: 97 Resp: 92351

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

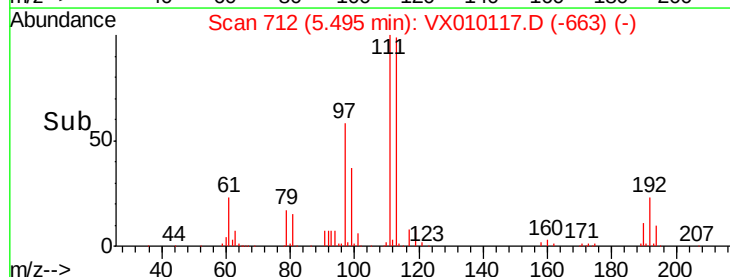
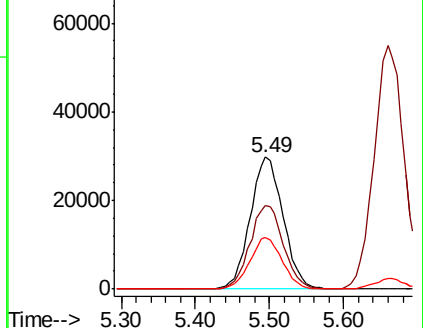
61 38.6 38.7 58.1#

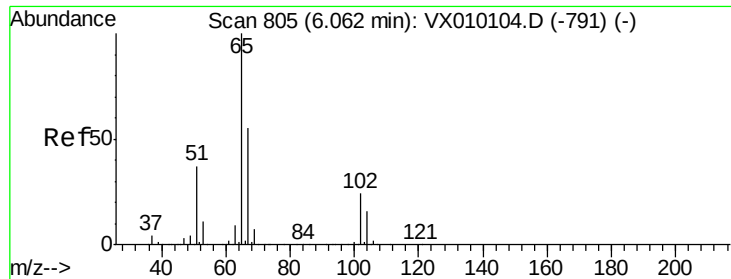


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

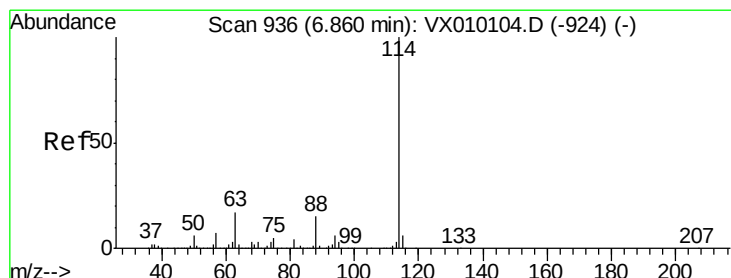
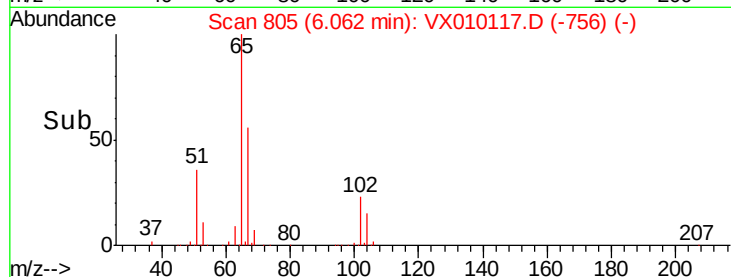
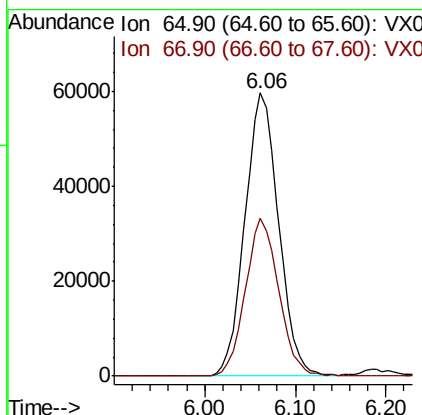
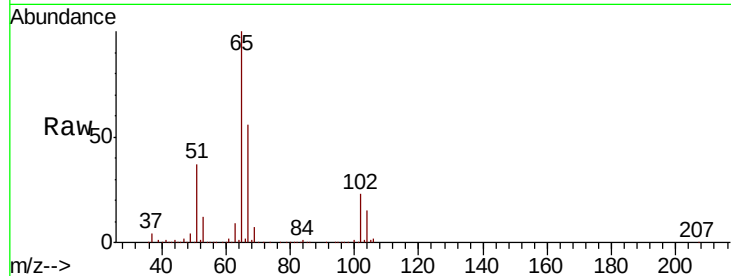




#33
 1,2-Dichloroethane-d4
 Concen: 49.300 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

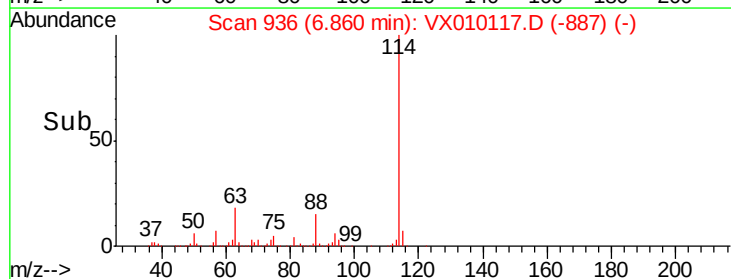
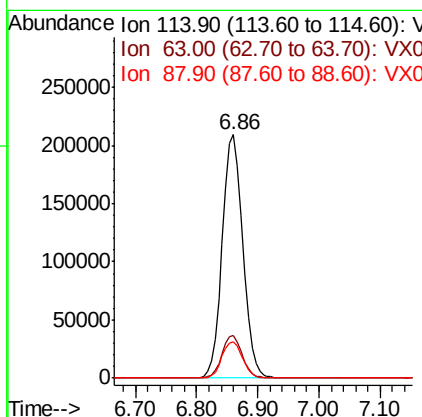
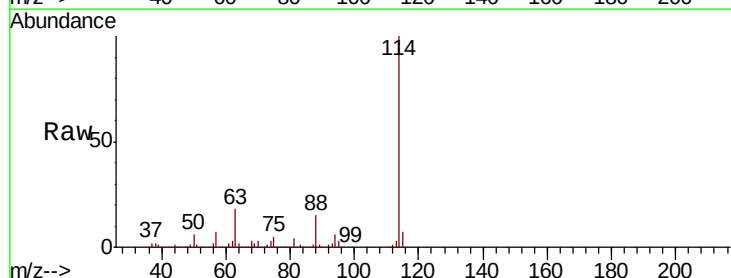
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

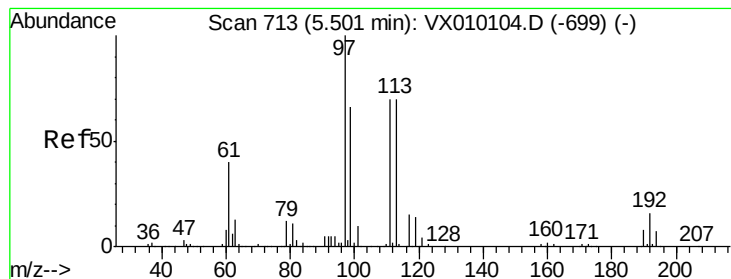
Tot Ion: 65 Resp: 153727
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 114 Resp: 488548
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 47.4
 88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.064 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

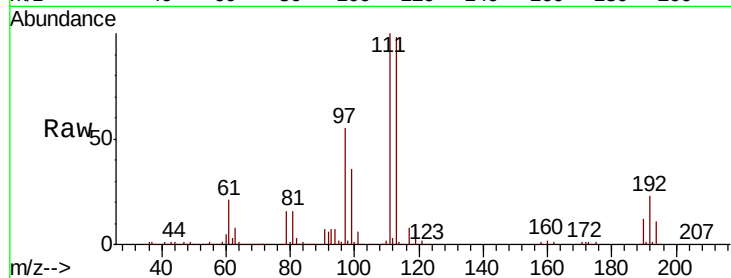
Tot Ion:113 Resp: 147852

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

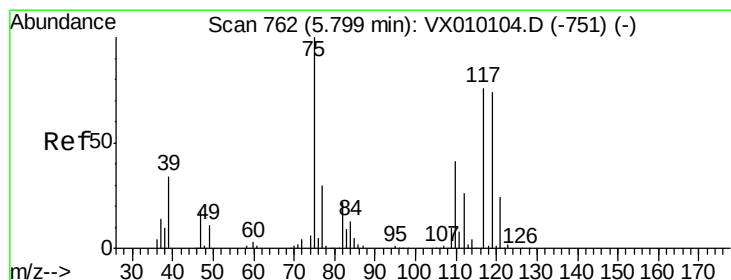
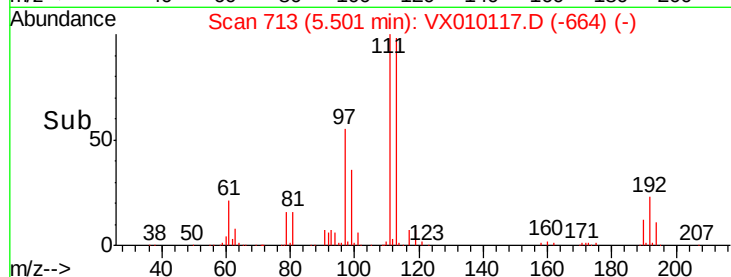
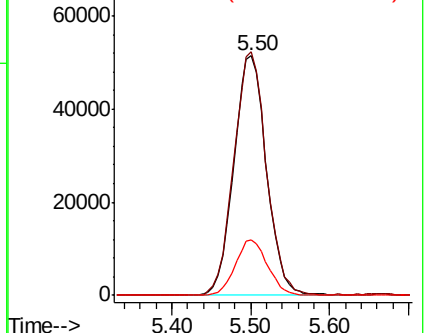
192 22.8 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.478 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

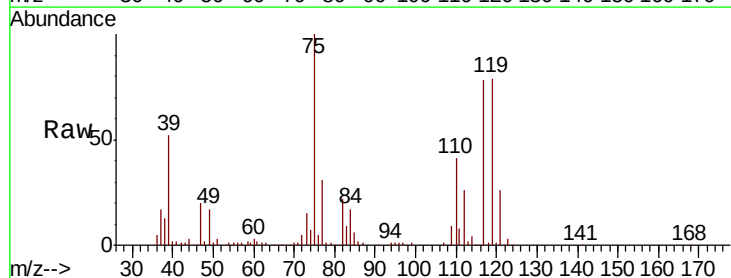
Tgt Ion: 75 Resp: 73649

Ion Ratio Lower Upper

75 100

110 41.4 16.7 50.1

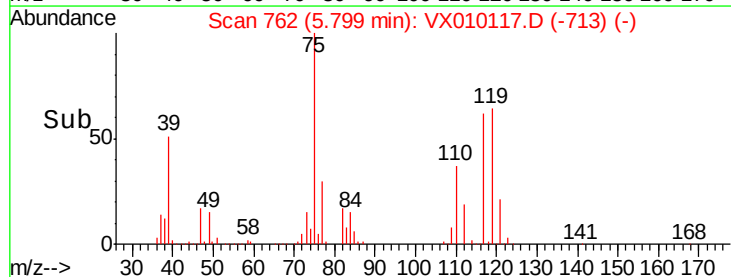
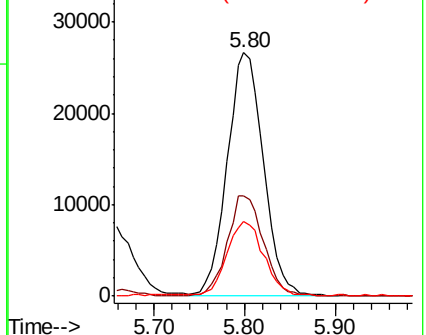
77 30.6 25.0 37.4

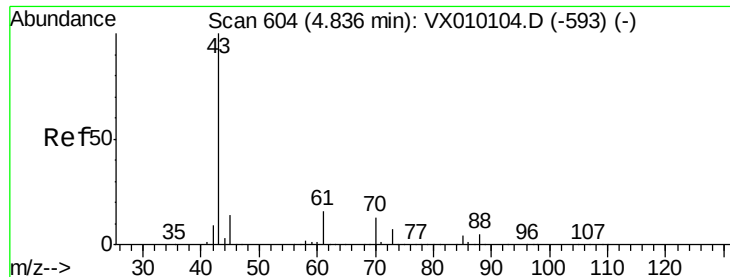


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.661 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

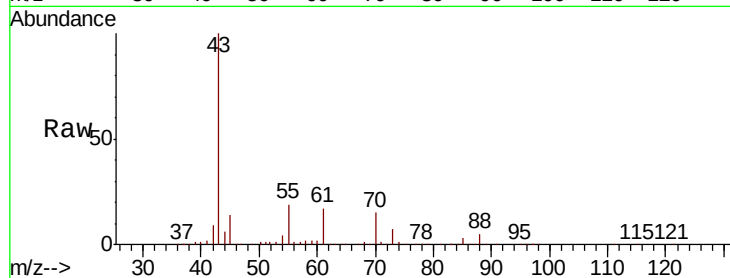
Tot Ion: 43 Resp: 77388

Ion Ratio Lower Upper

43 100

61 16.3 10.2 15.2#

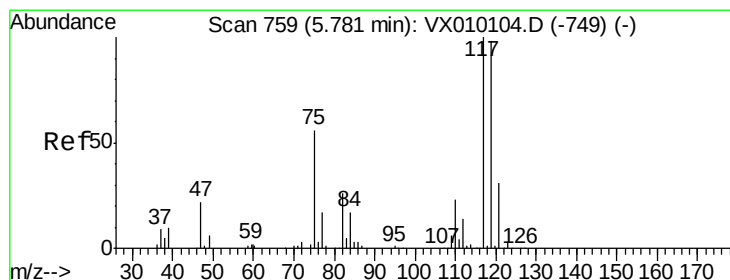
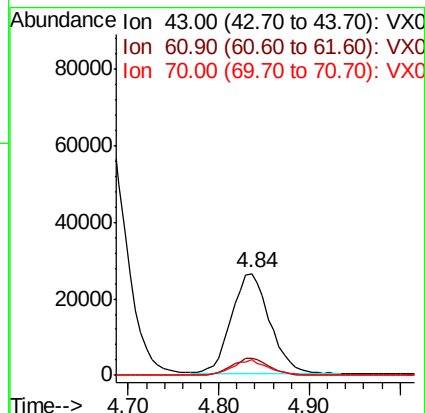
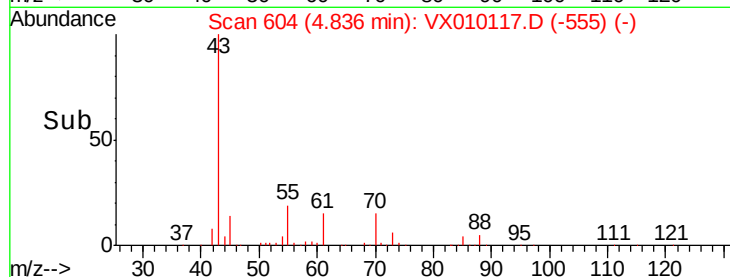
70 13.6 7.4 11.2#



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: 18.050 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

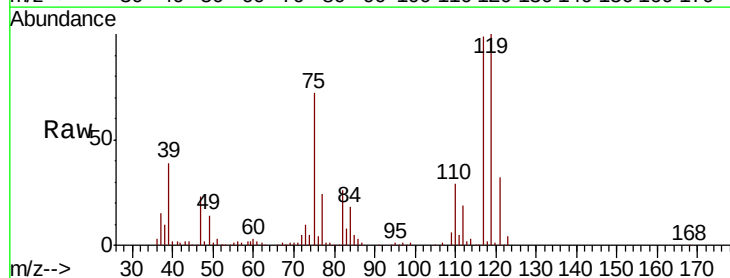
Tgt Ion: 117 Resp: 81433

Ion Ratio Lower Upper

117 100

119 101.0 77.3 115.9

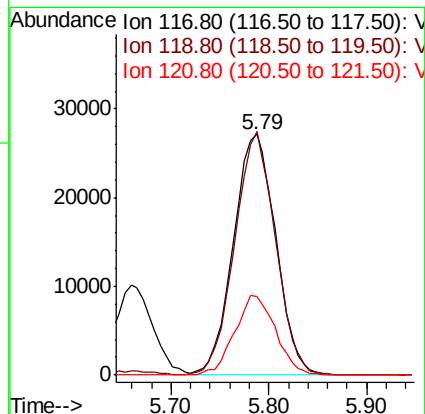
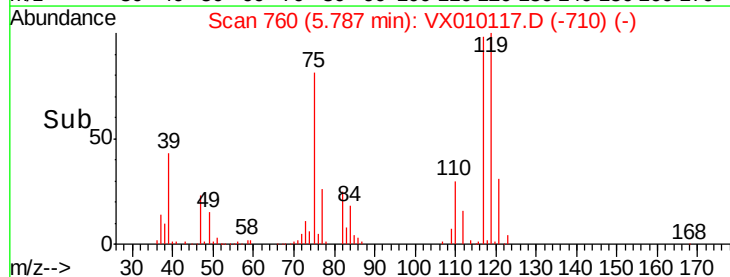
121 32.5 25.4 38.0

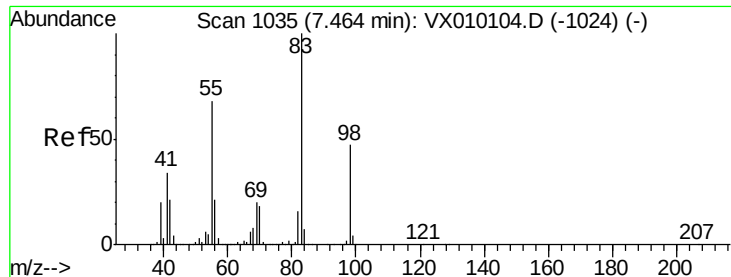


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

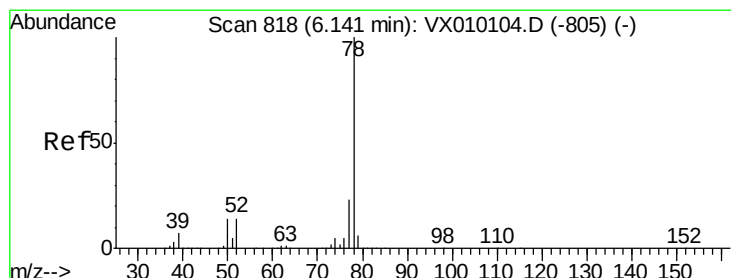
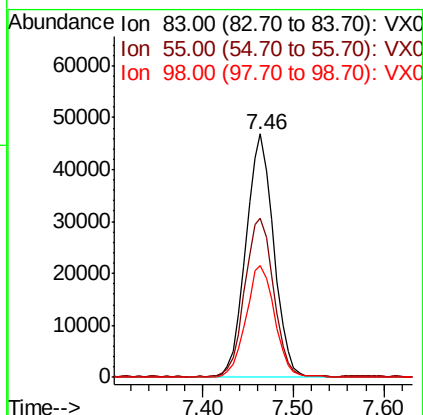
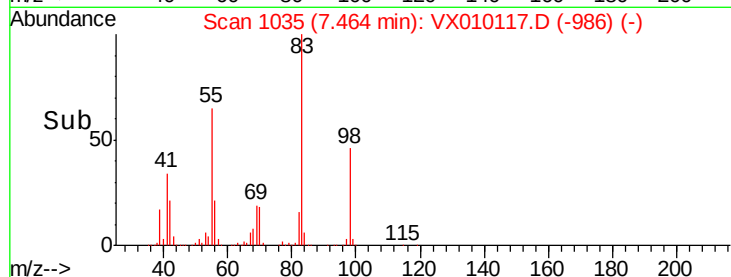
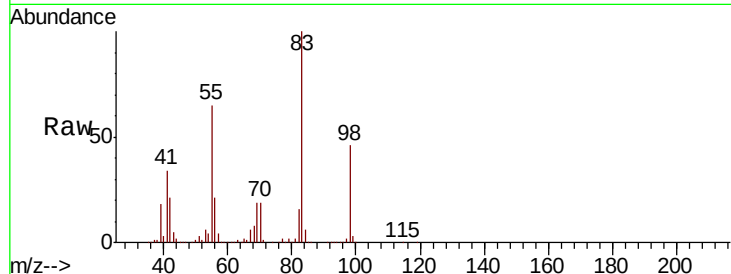




#39
Methylvlcyclohexane
Concen: 18.233 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

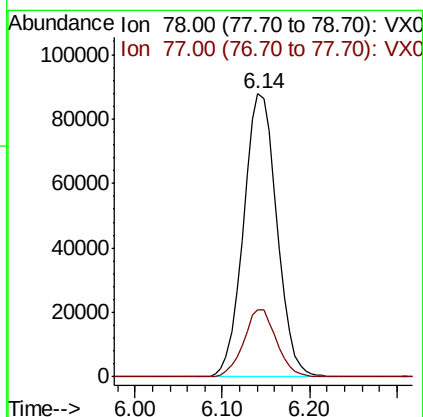
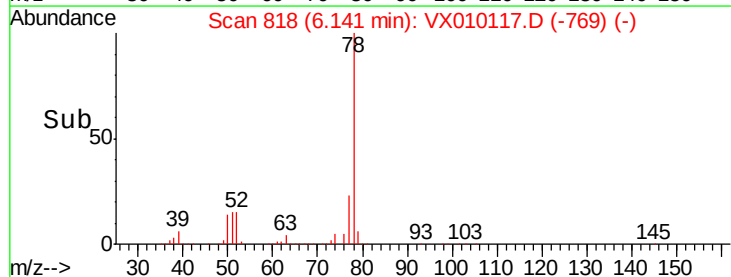
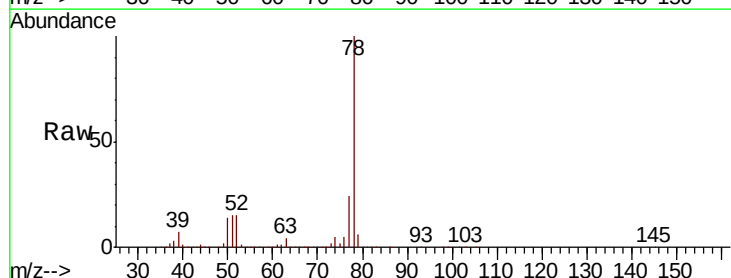
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

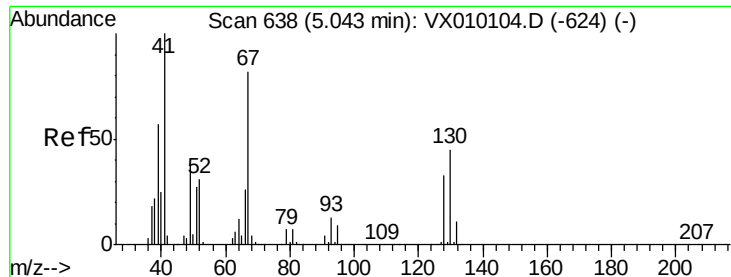
Tot Ion: 83 Resp: 98961
Ion Ratio Lower Upper
83 100
55 65.1 69.9 104.9#
98 45.6 35.1 52.7



#40
Benzene
Concen: 18.872 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 78 Resp: 232596
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 18.940 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

Tot Ion: 41 Resp: 42488

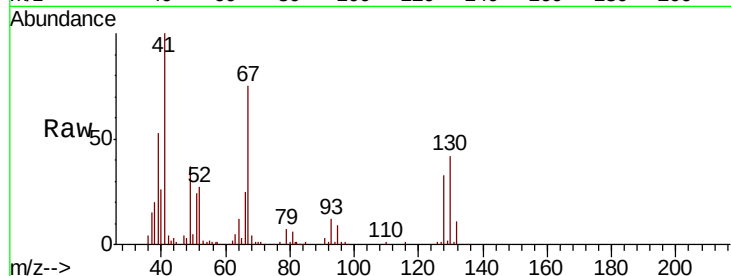
Ion Ratio Lower Upper

41 100

39 54.7 42.2 63.4

67 82.9 48.9 73.3#

52 30.9 20.1 30.1#

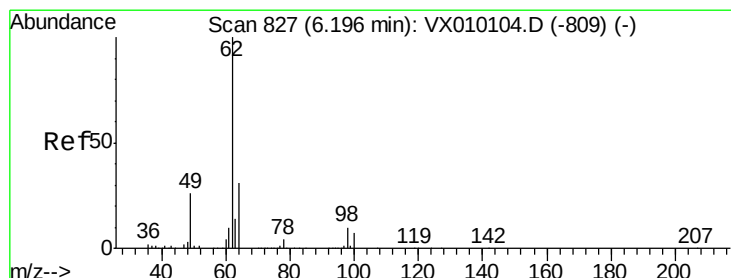
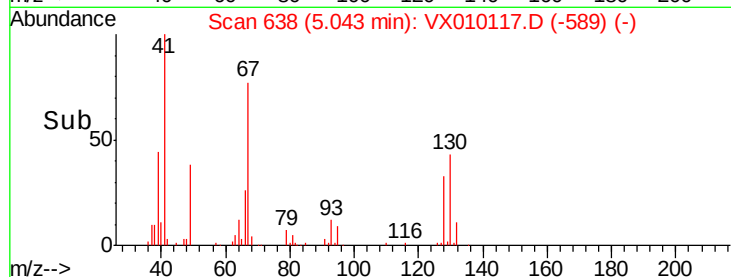
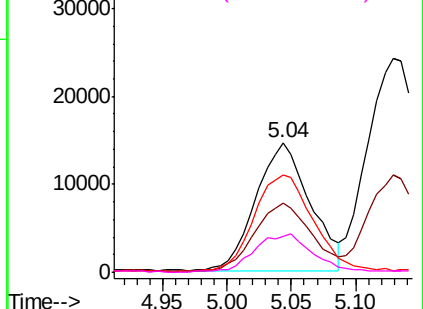


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.857 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010117.D

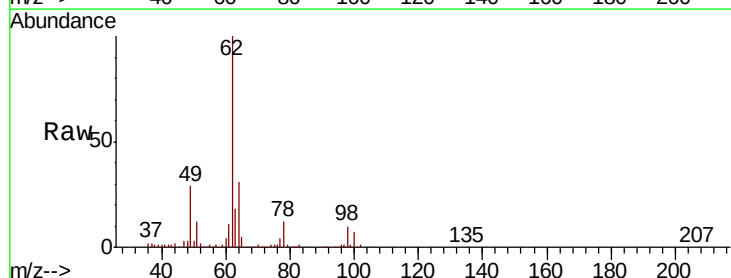
Acq: 07 Jun 2019 18:37

Tgt Ion: 62 Resp: 74196

Ion Ratio Lower Upper

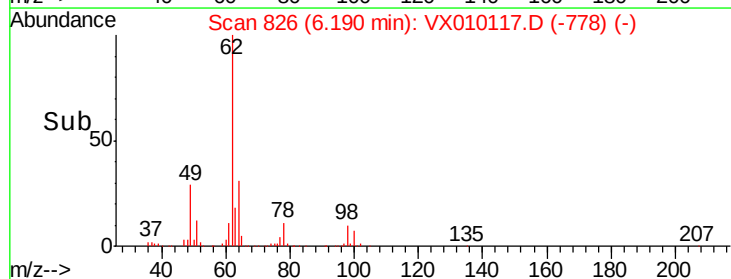
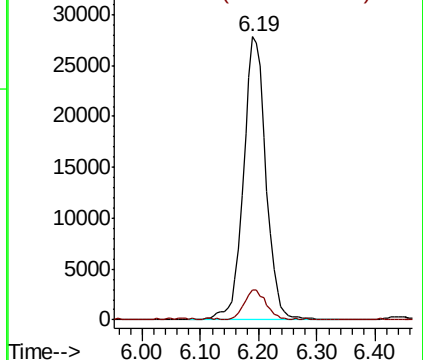
62 100

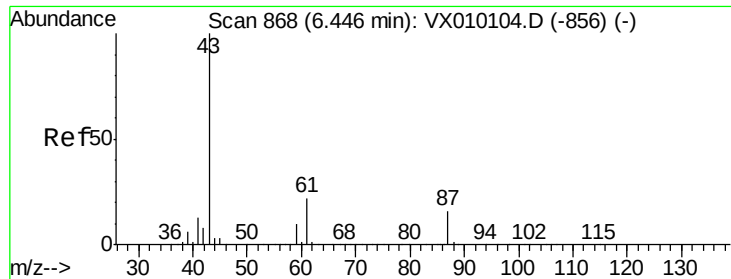
98 9.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.858 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

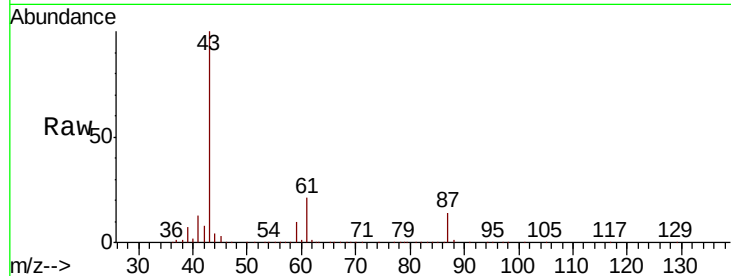
Tot Ion: 43 Resp: 130761

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

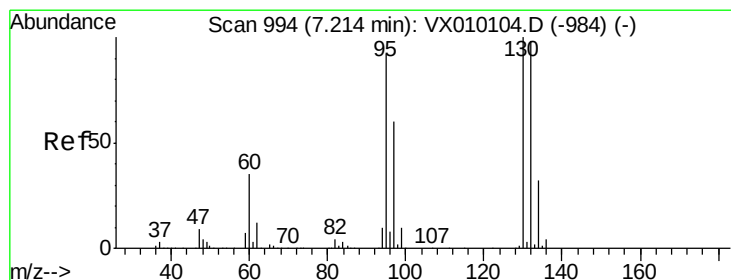
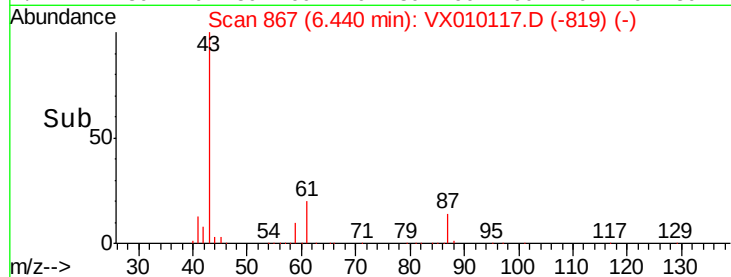
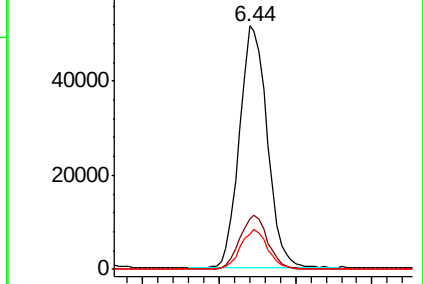
87 16.2 8.7 13.1#



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: 18.289 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010117.D

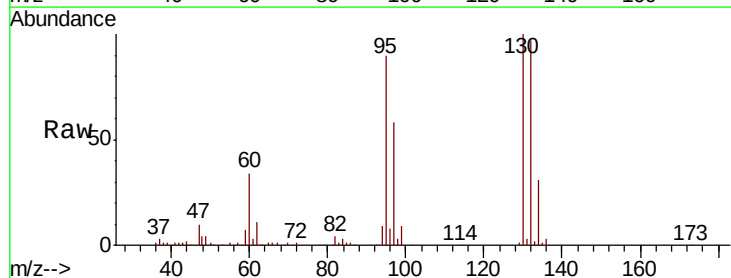
Acq: 07 Jun 2019 18:37

Tgt Ion:130 Resp: 67945

Ion Ratio Lower Upper

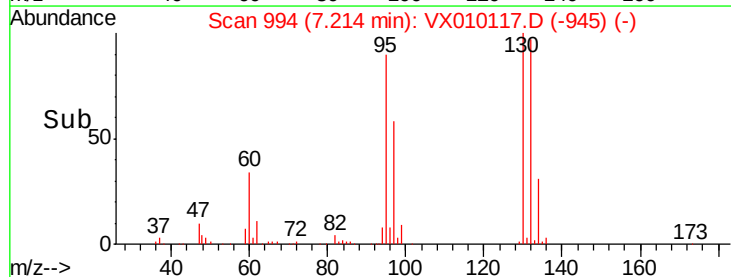
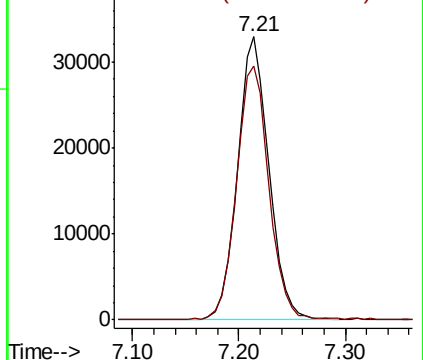
130 100

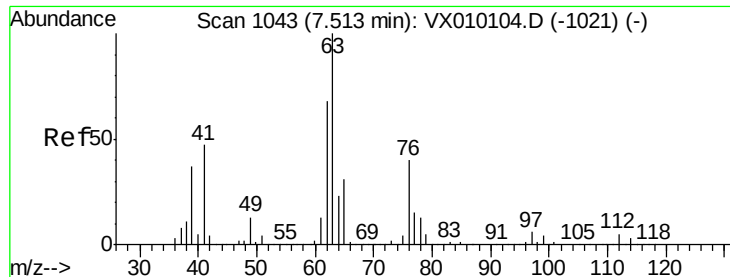
95 89.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

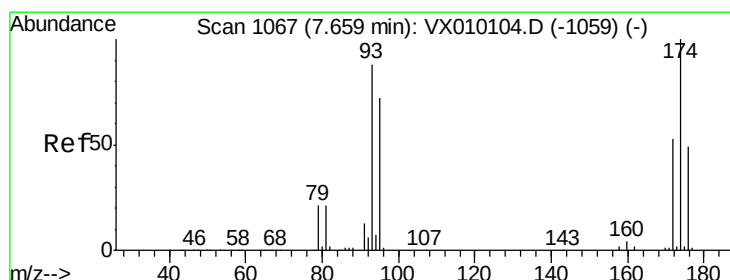
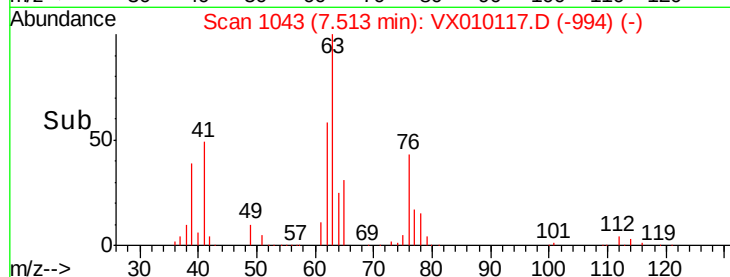
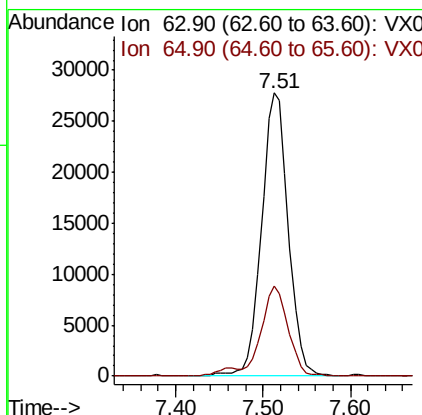
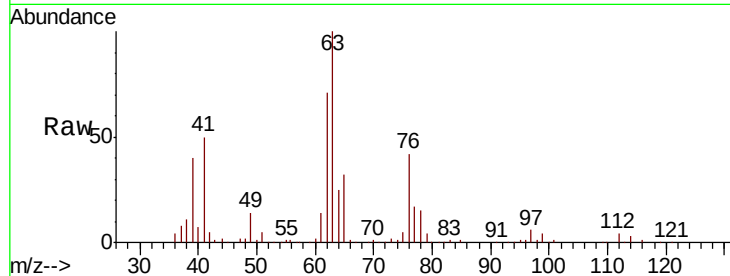




#45
 1,2-Dichloropropane
 Concen: 19.104 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

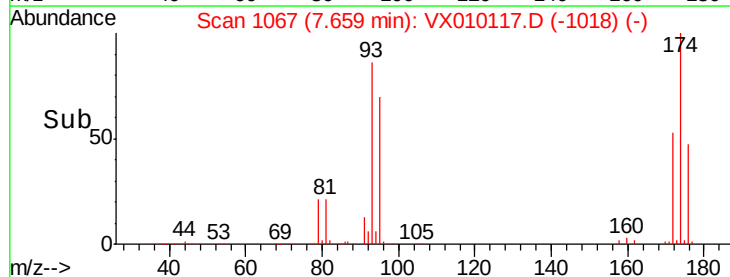
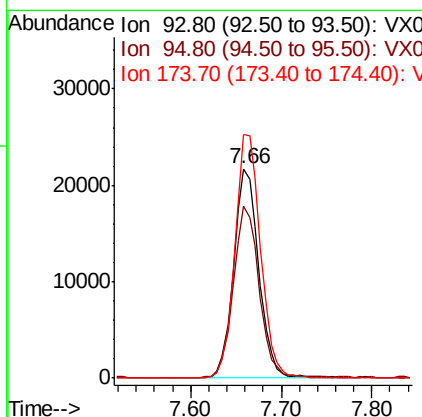
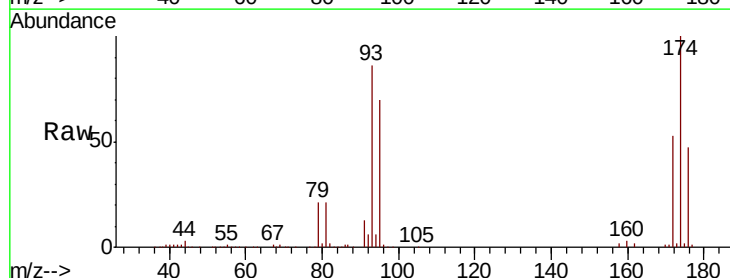
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

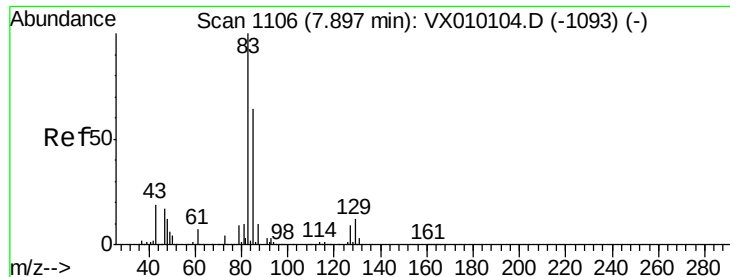
Tot Ion: 63 Resp: 58932
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 18.287 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 93 Resp: 42263
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.8 100.2
 174 118.0 81.9 122.9





#47

Bromodichloromethane

Concen: 18.481 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

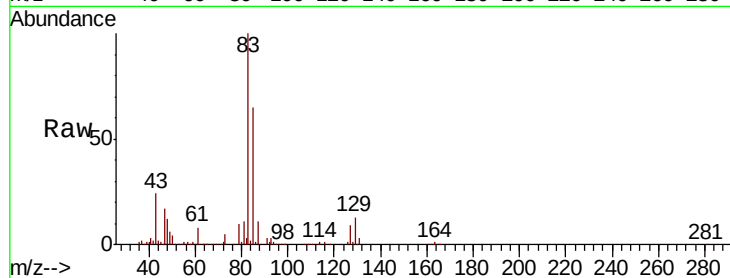
Tot Ion: 83 Resp: 79811

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.2

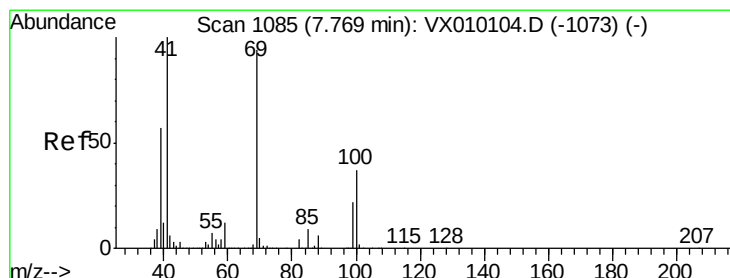
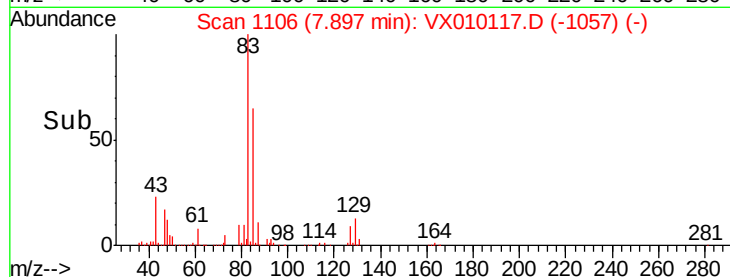
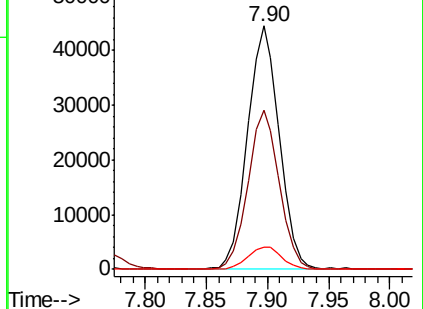
127 9.0 6.4 9.6



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: 19.252 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

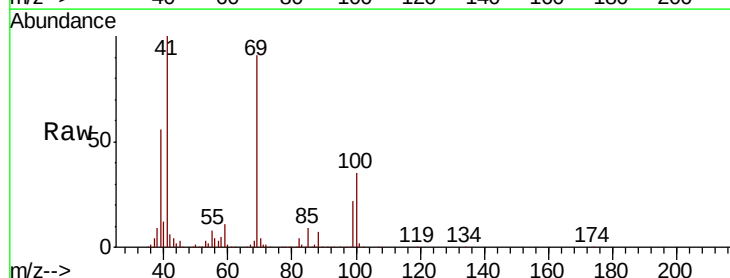
Tgt Ion: 41 Resp: 62429

Ion Ratio Lower Upper

41 100

69 95.4 56.4 84.6#

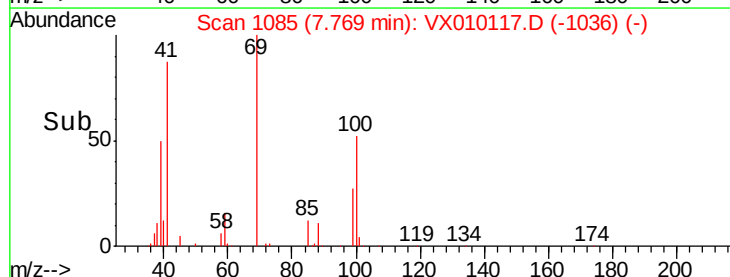
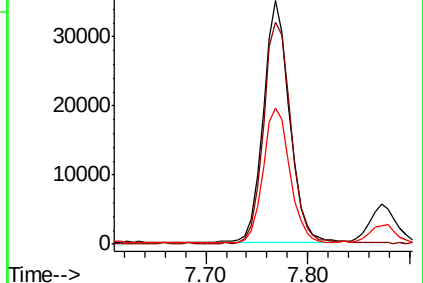
39 57.2 40.6 60.8

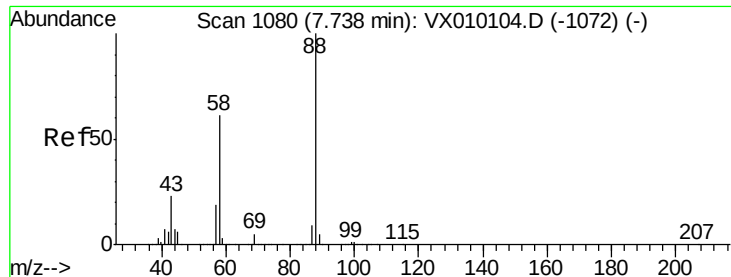


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.696 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

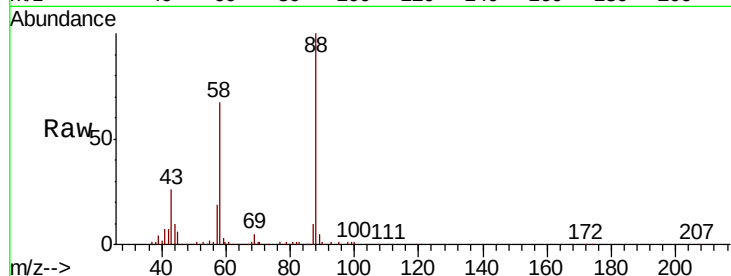
Tot Ion: 88 Resp: 35660

Ion Ratio Lower Upper

88 100

43 25.4 30.2 45.4#

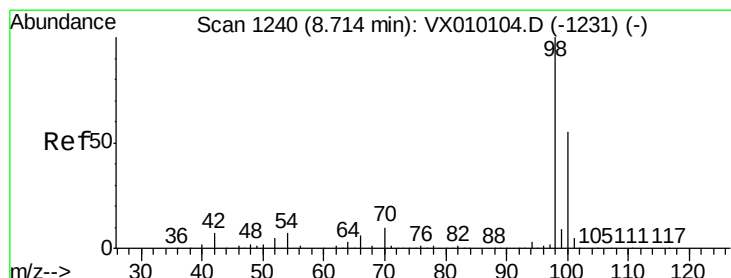
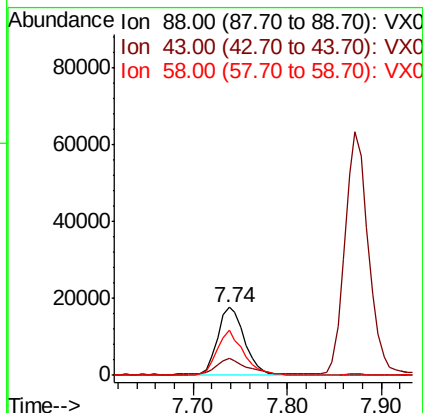
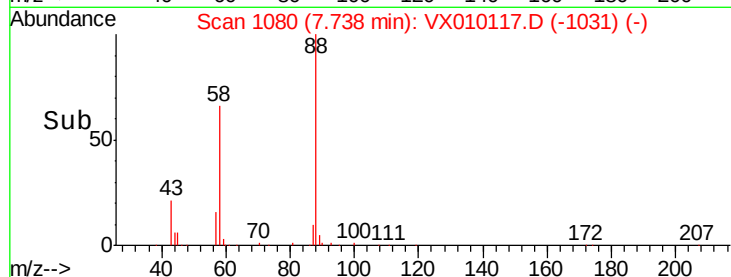
58 64.4 64.0 96.0



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: 49.760 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010117.D

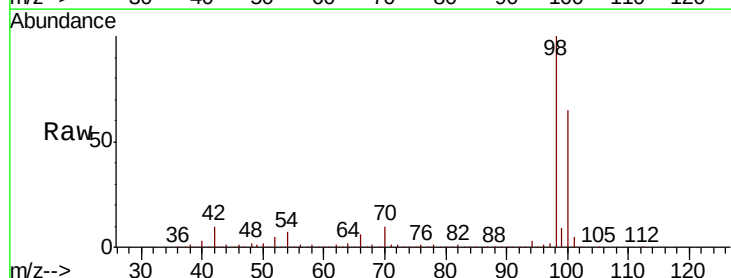
Acq: 07 Jun 2019 18:37

Tgt Ion: 98 Resp: 561994

Ion Ratio Lower Upper

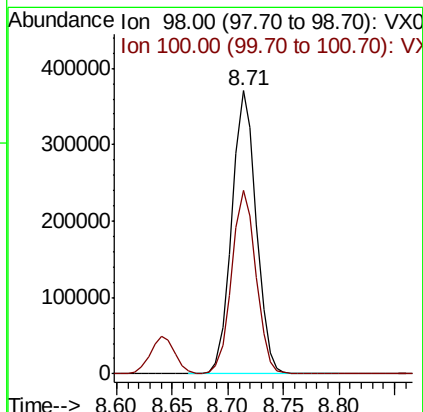
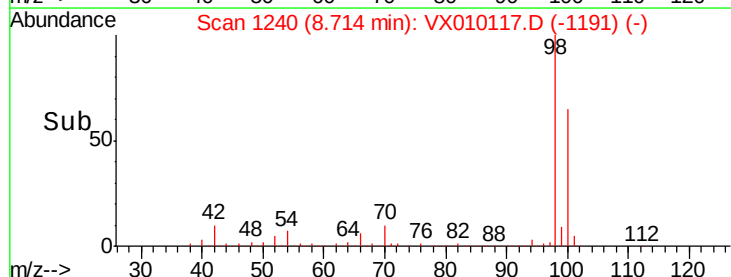
98 100

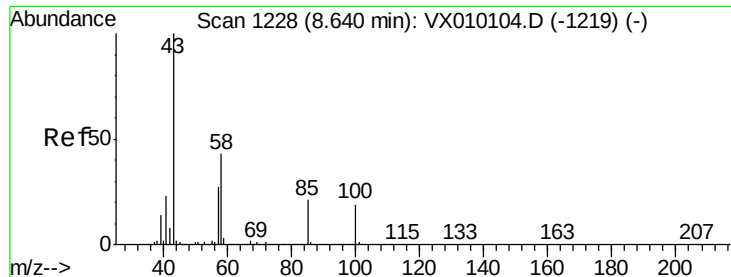
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 99.025 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

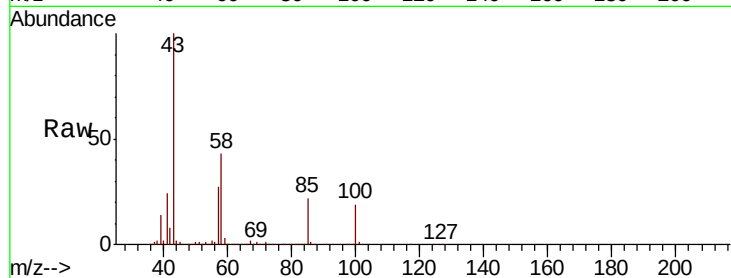
VX0607WBSD01

Tot Ion: 43 Resp: 410195

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

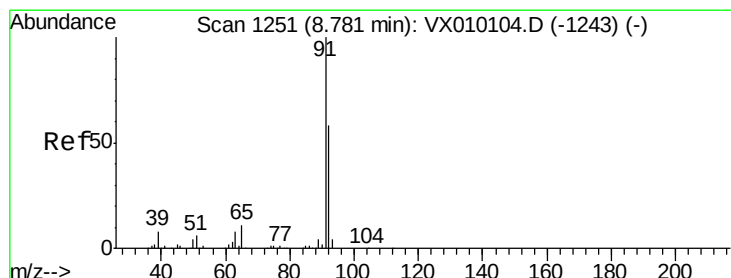
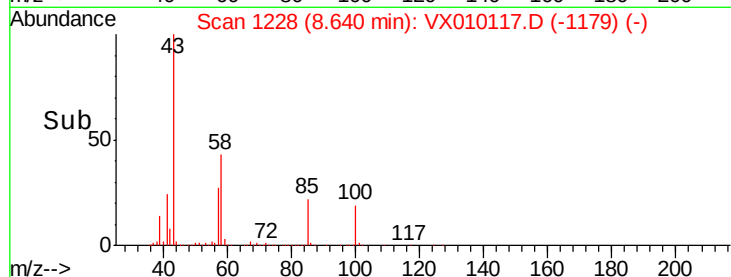
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.807 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010117.D

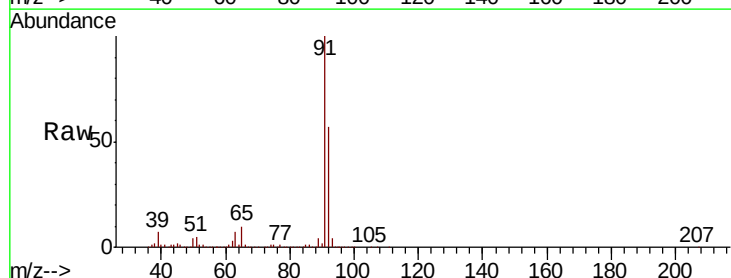
Acq: 07 Jun 2019 18:37

Tgt Ion: 92 Resp: 152366

Ion Ratio Lower Upper

92 100

91 174.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

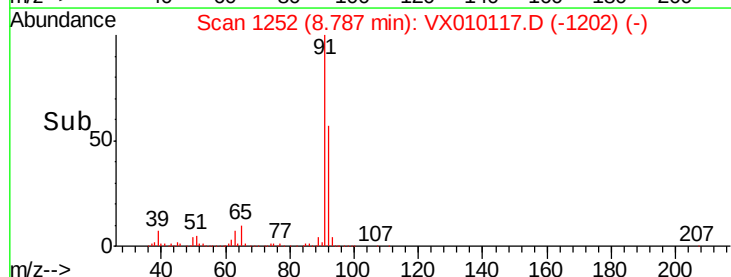
150000

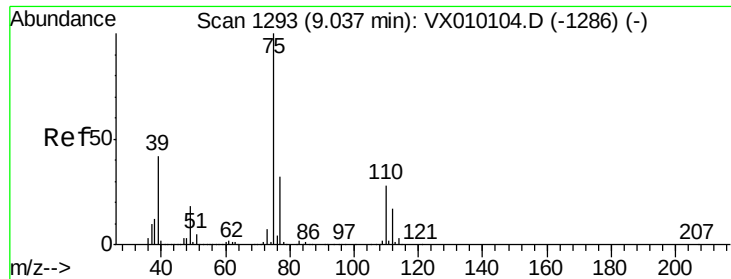
100000

50000

0

Time-->

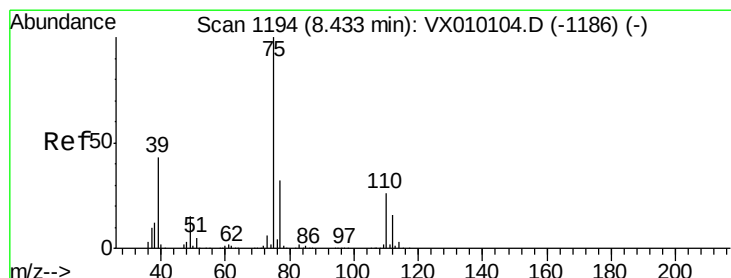
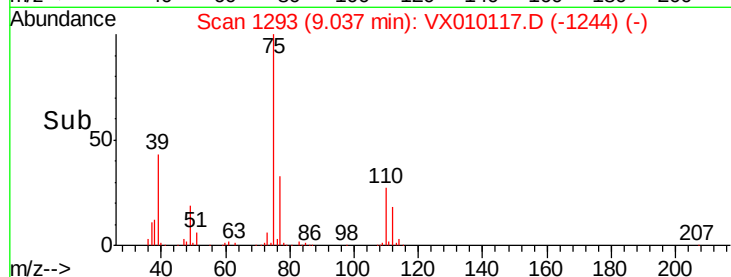
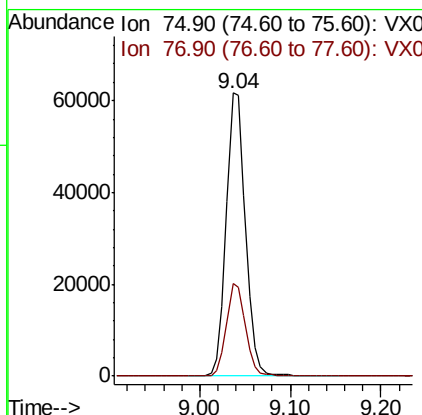
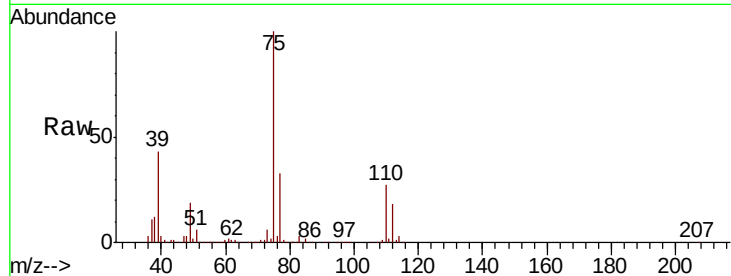




#53
t-1,3-Dichloropropene
Concen: 18.222 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

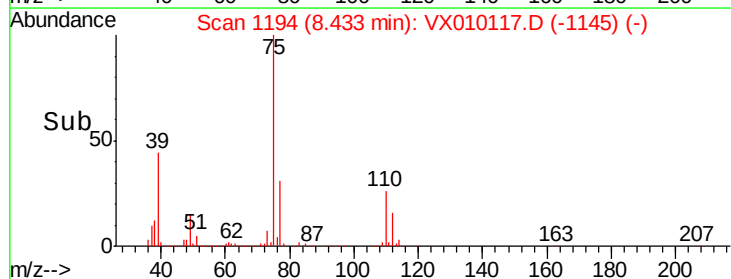
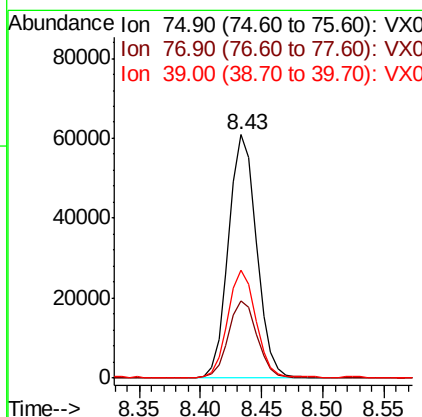
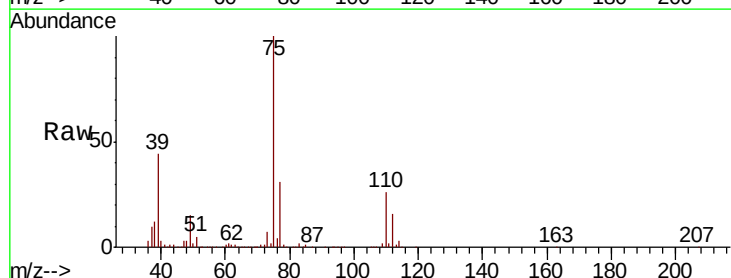
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

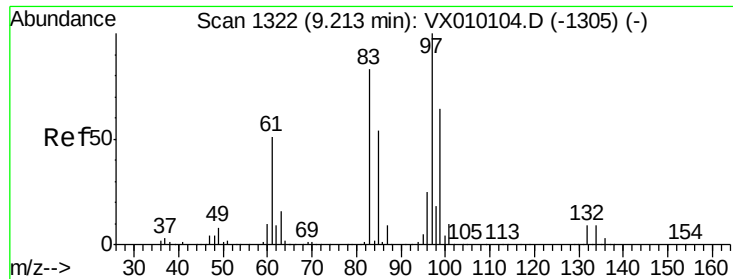
Tot Ion: 75 Resp: 91021
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 18.115 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 75 Resp: 97007
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 43.9 43.4 65.0

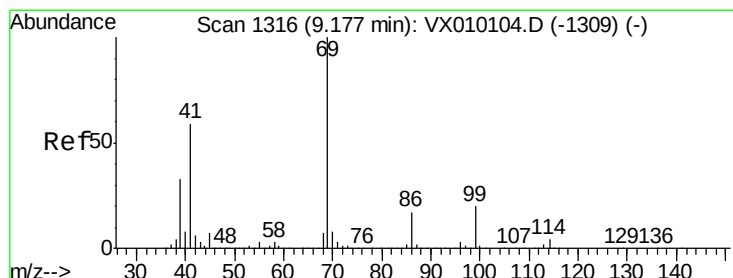
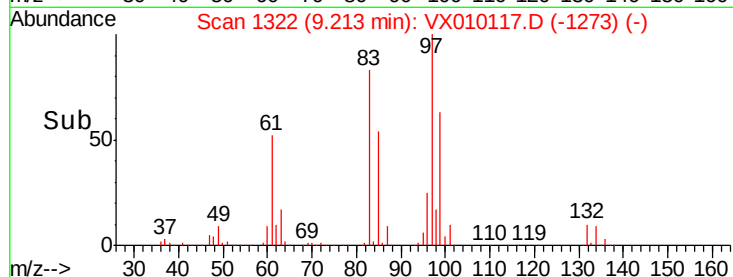
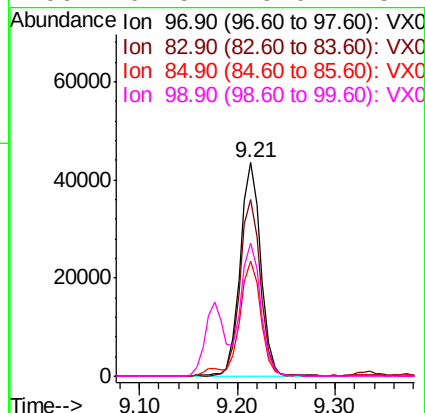
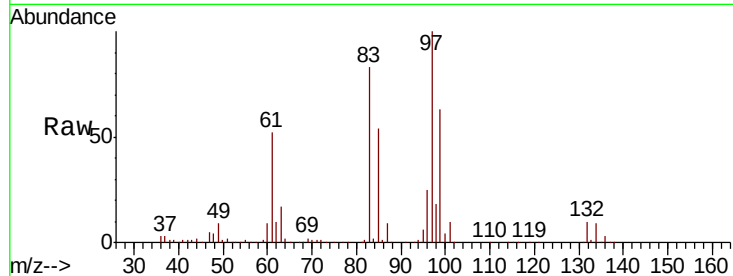




#55
 1,1,2-Trichloroethane
 Concen: 19.260 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

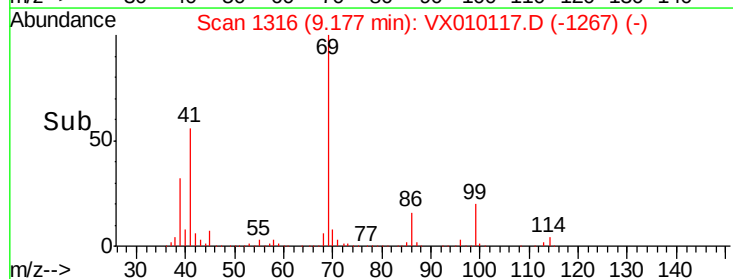
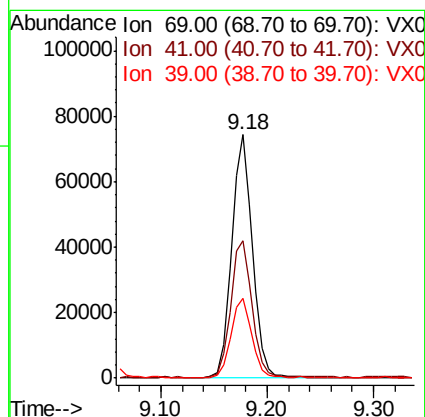
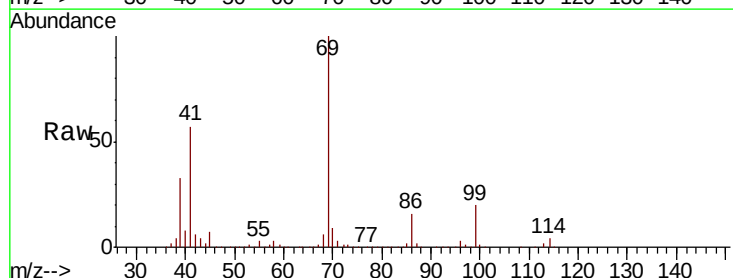
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

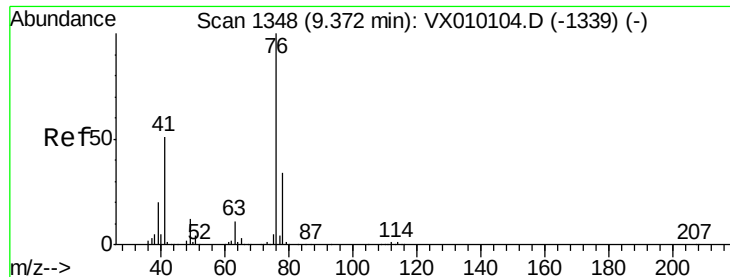
Tot Ion:	97	Resp:	63904
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	53.6	45.3	67.9
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.207 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion:	69	Resp:	100671
Ion	Ratio	Lower	Upper
69	100		
41	57.4	62.7	94.1#
39	32.5	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.736 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

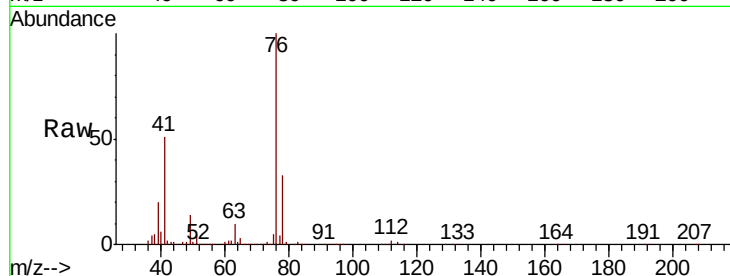
VX0607WBSD01

Tot Ion: 76 Resp: 97871

Ion Ratio Lower Upper

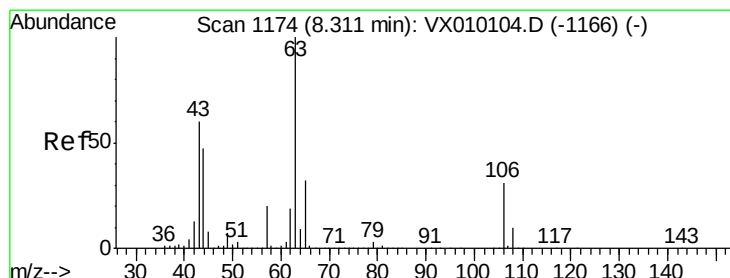
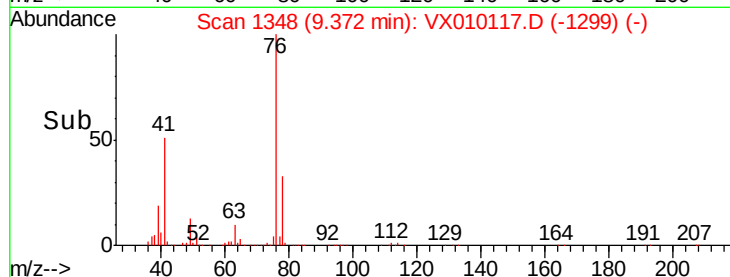
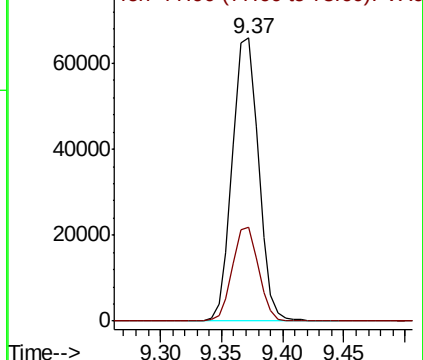
76 100

78 33.0 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.928 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010117.D

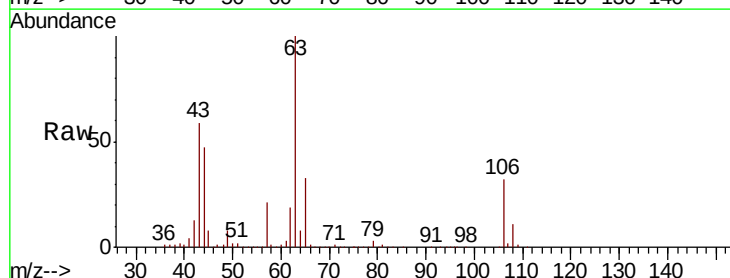
Acq: 07 Jun 2019 18:37

Tgt Ion: 63 Resp: 237026

Ion Ratio Lower Upper

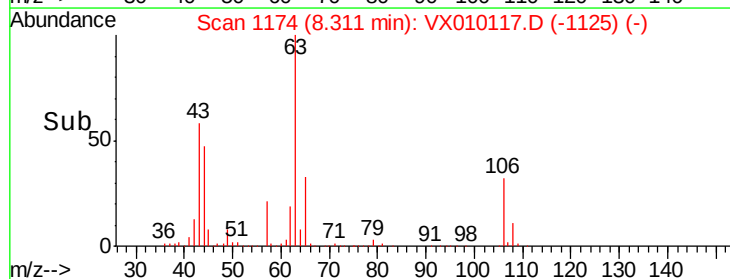
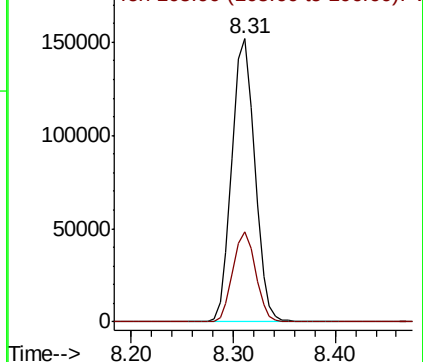
63 100

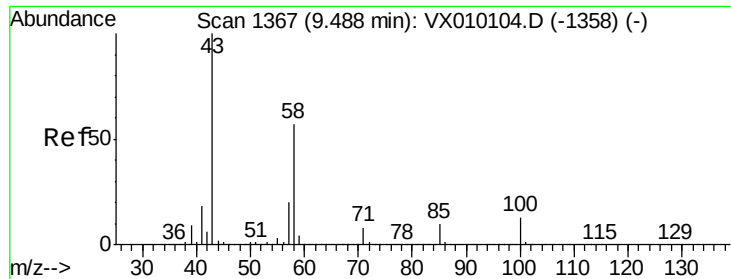
106 31.5 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

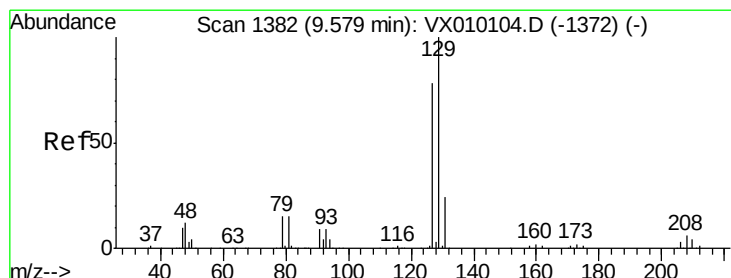
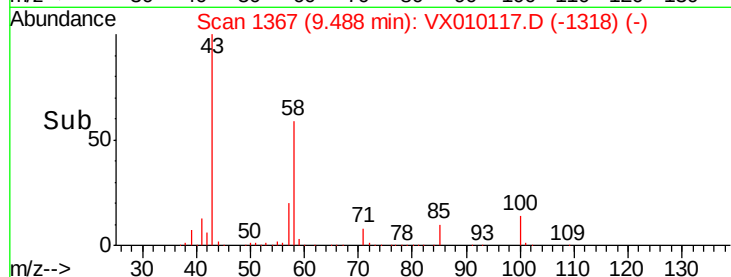
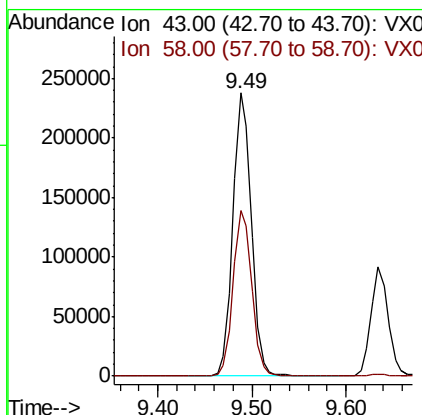
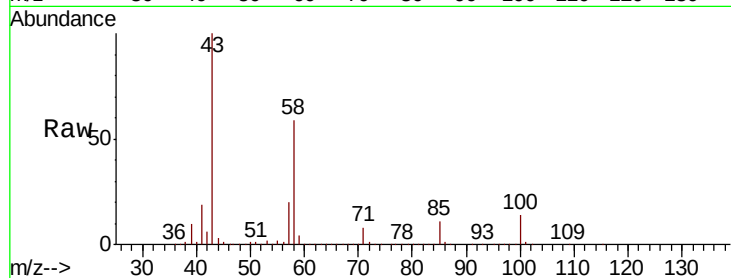




#59
2-Hexanone
Concen: 97.716 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

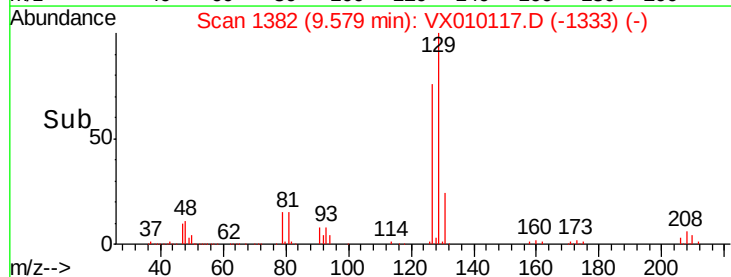
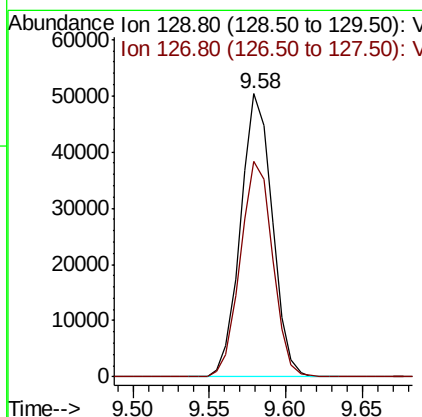
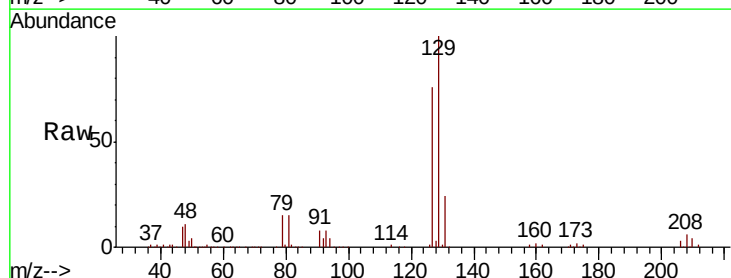
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

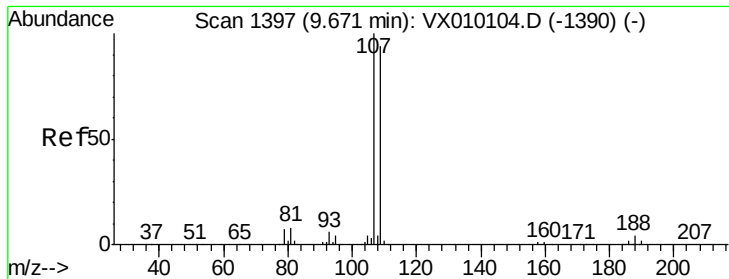
Tot Ion: 43 Resp: 322729
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3



#60
Dibromochloromethane
Concen: 18.492 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 129 Resp: 72573
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

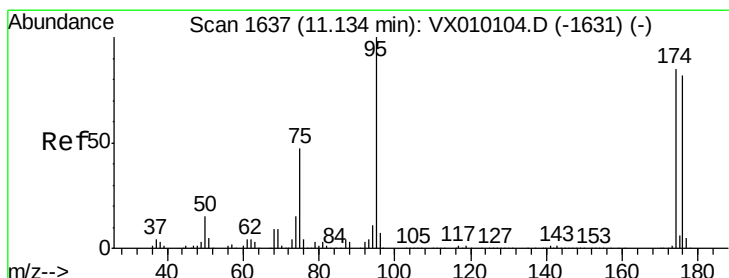
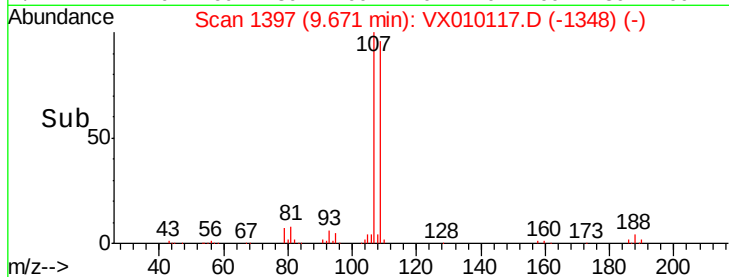
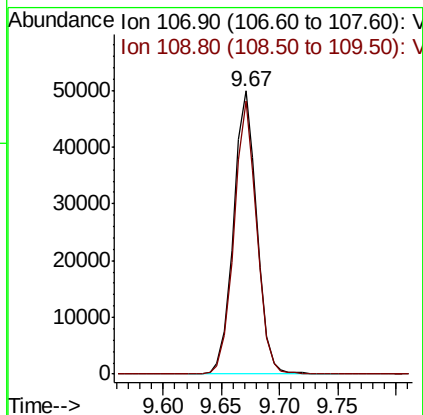
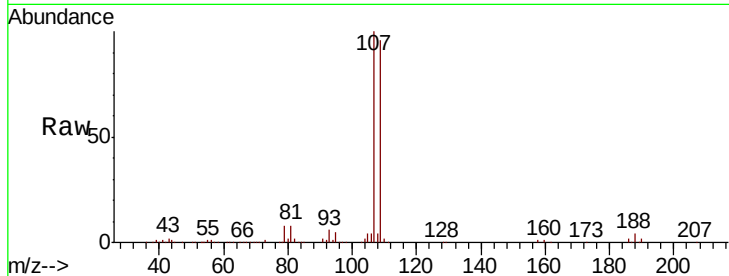




#61
 1,2-Dibromoethane
 Concen: 18.831 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

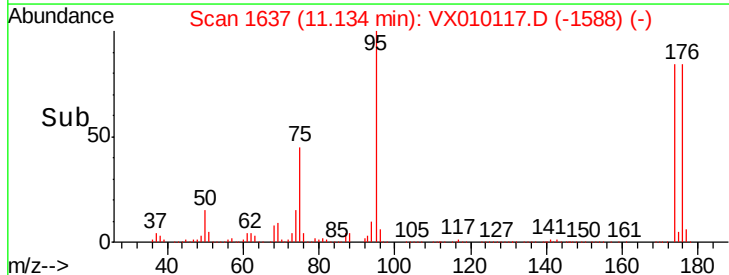
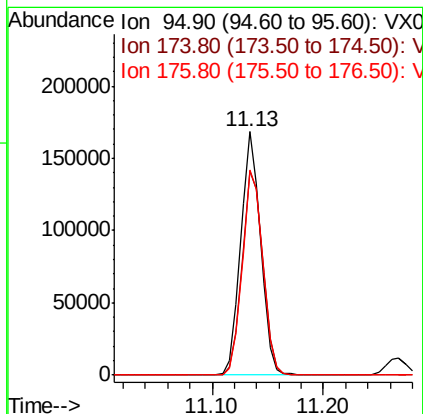
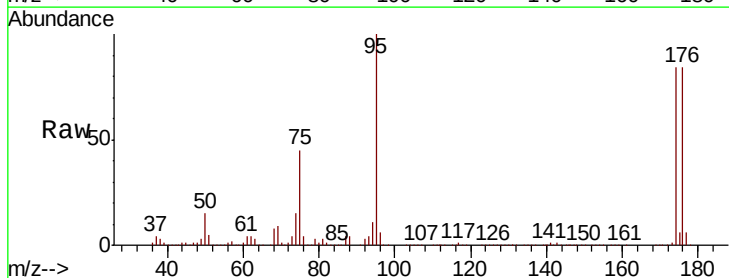
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

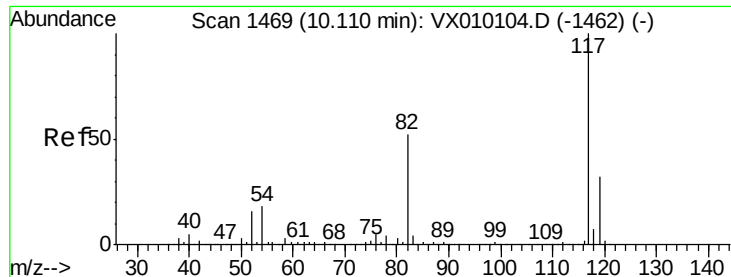
Tot Ion:107 Resp: 69588
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.371 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 95 Resp: 208240
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 160.4
 176 86.4 0.0 154.6

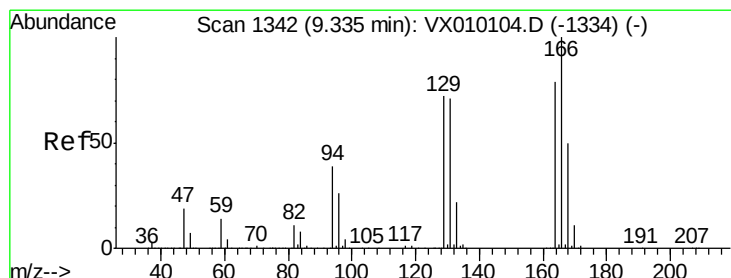
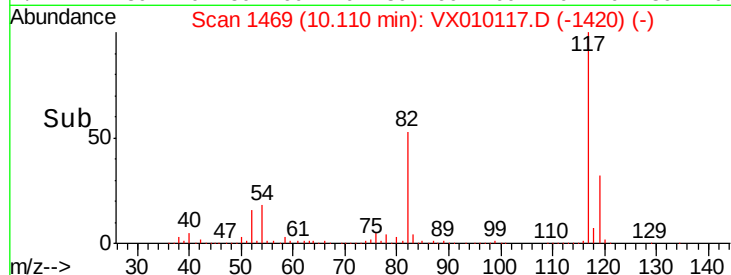
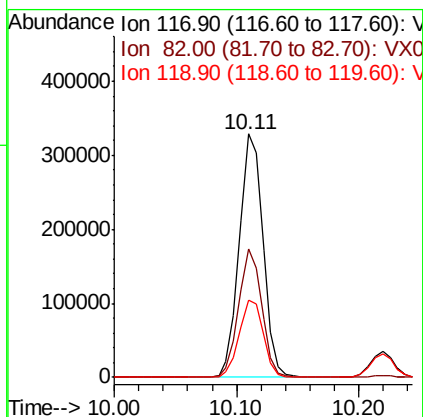
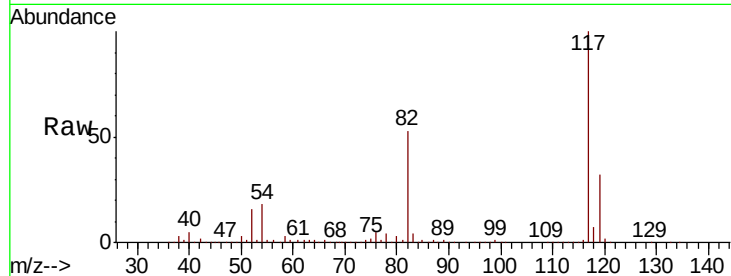




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

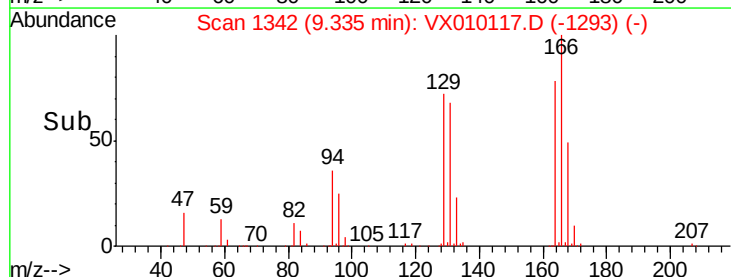
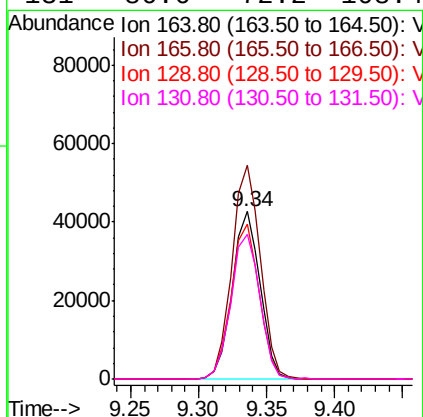
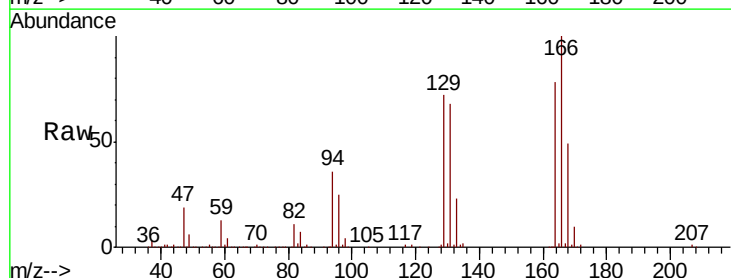
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

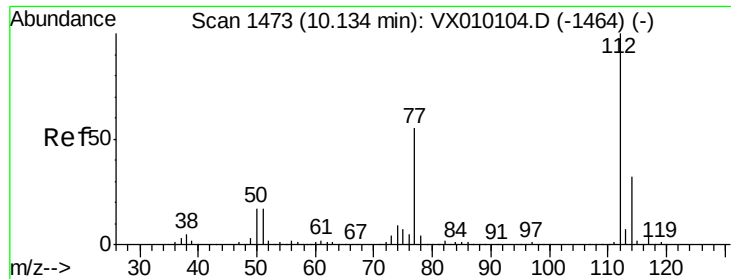
Tot Ion:117 Resp: 442195
Ion Ratio Lower Upper
117 100
82 52.5 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 18.565 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion:164 Resp: 60974
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.4
129 92.3 75.1 112.7
131 86.6 72.2 108.4

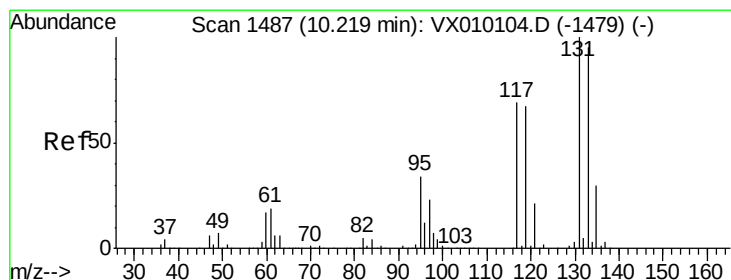
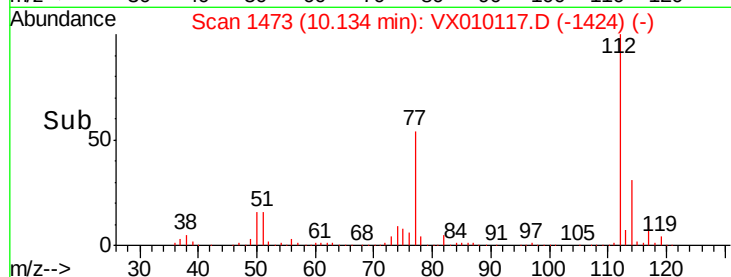
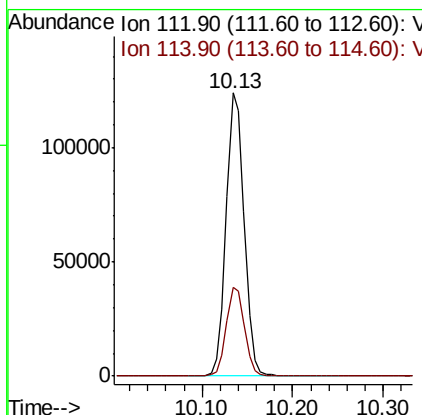
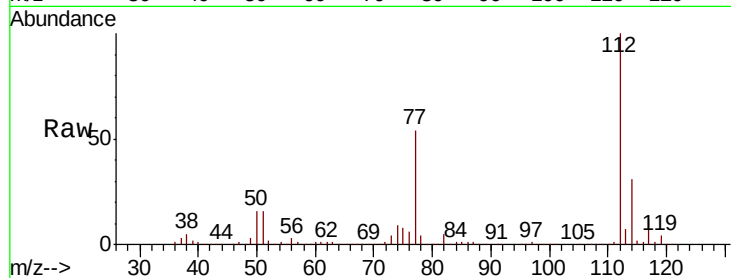




#65
Chlorobenzene
Concen: 18.746 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

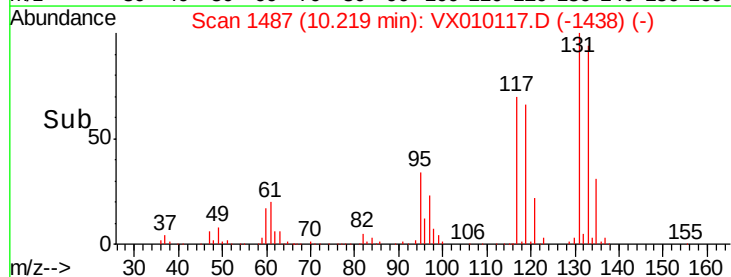
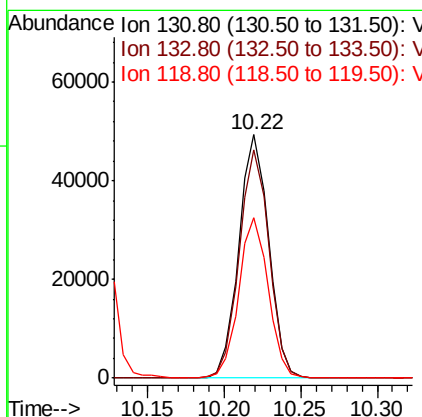
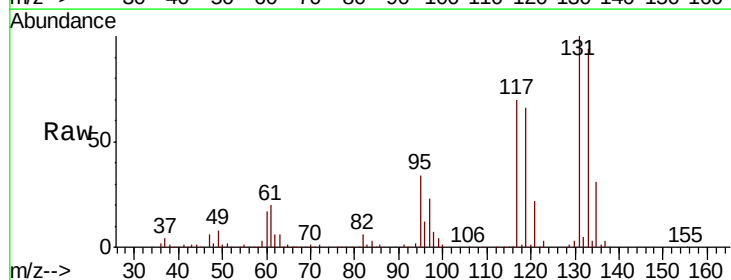
Instrument :
MSVOA_X
ClientSampled :
VX0607WBSD01

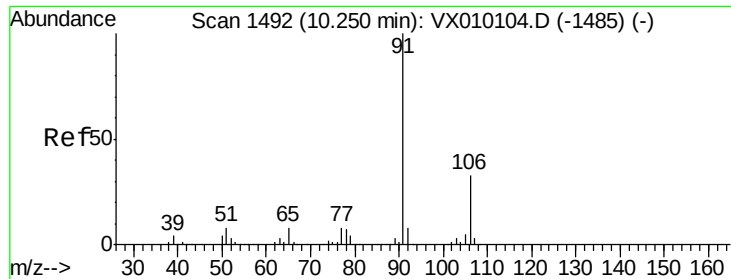
Tot Ion:112 Resp: 171089
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.020 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion:131 Resp: 66755
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 65.5 33.4 100.1

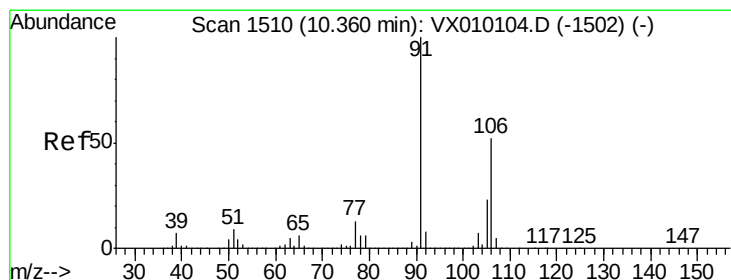
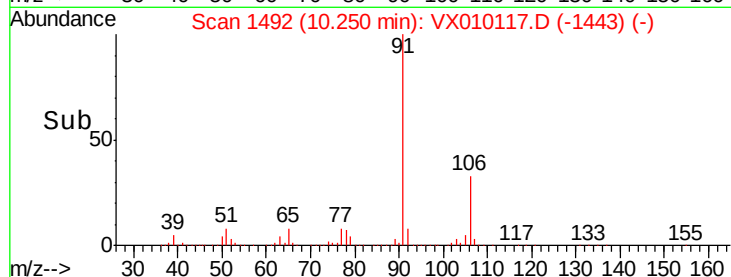
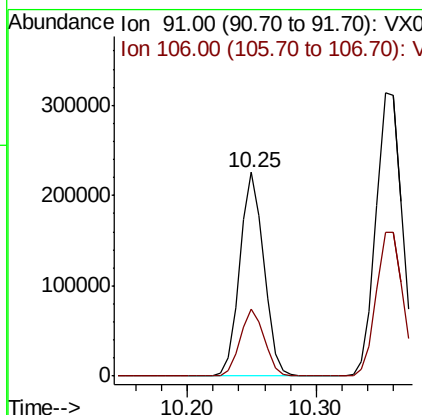
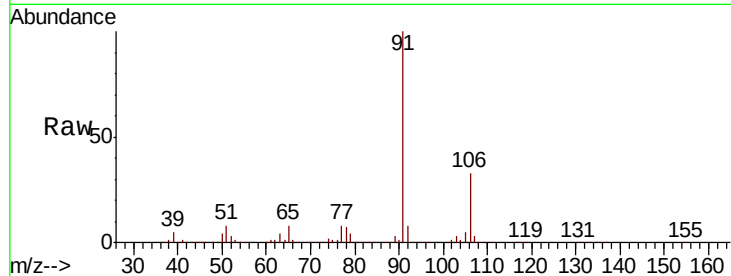




#67
Ethyl Benzene
Concen: 18.720 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

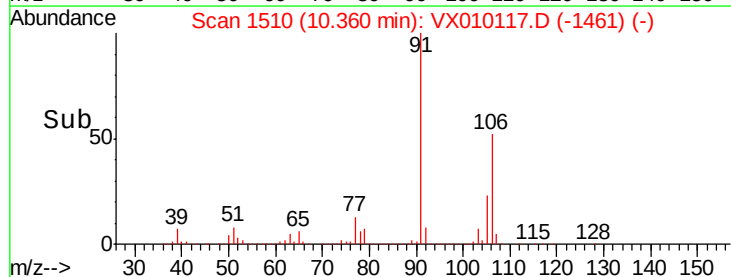
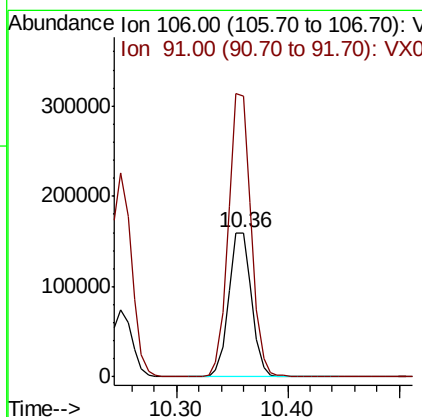
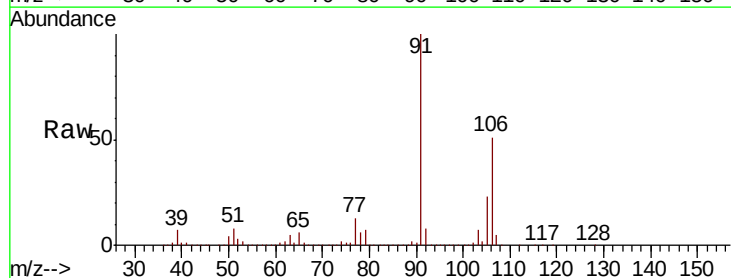
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

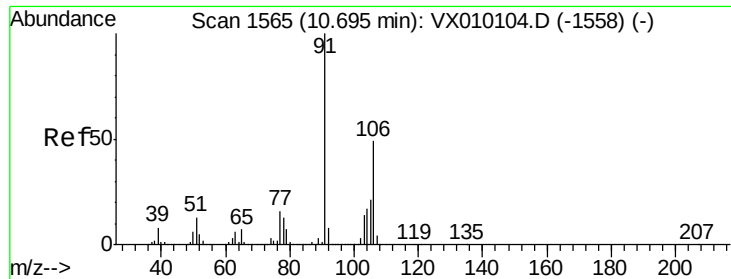
Tot Ion: 91 Resp: 290841
Ion Ratio Lower Upper
91 100
106 32.9 23.9 35.9



#68
m/p-Xylenes
Concen: 37.696 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 106 Resp: 226637
Ion Ratio Lower Upper
106 100
91 193.3 167.3 250.9

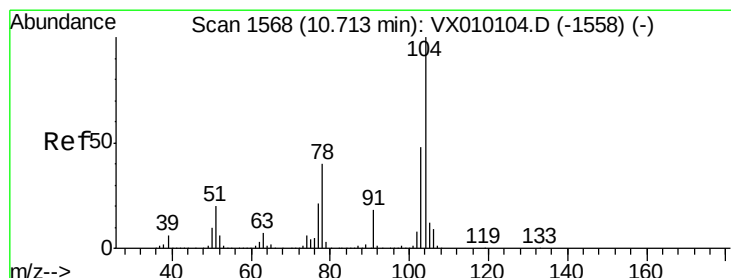
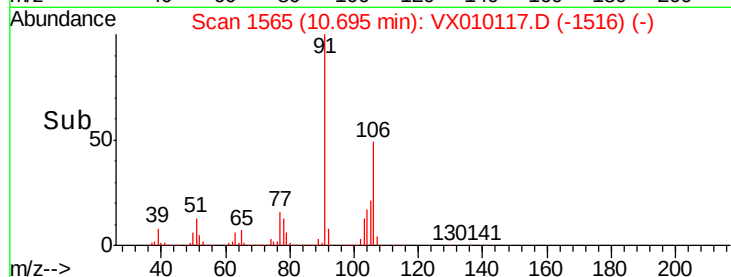
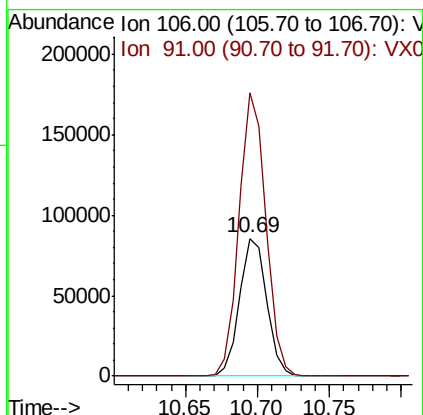
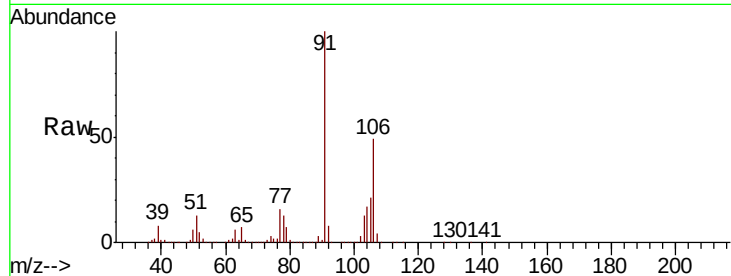




#69
o-Xylene
Concen: 18.854 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

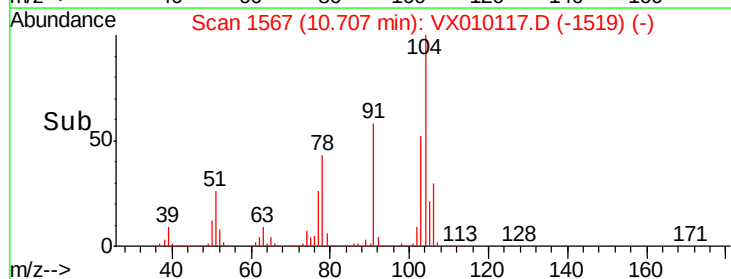
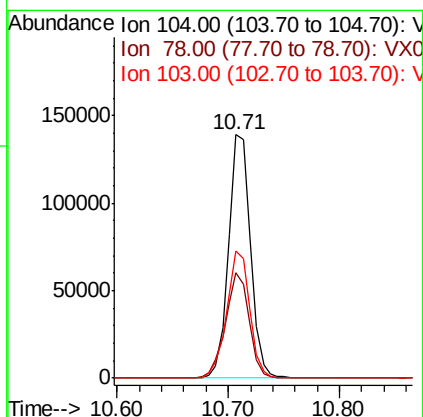
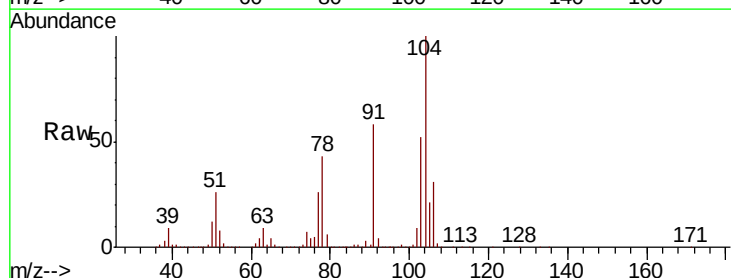
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

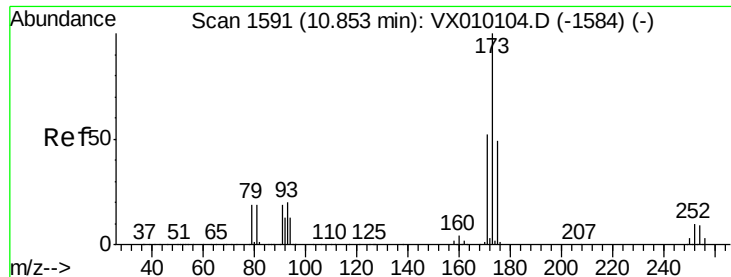
Tot Ion:106 Resp: 112681
Ion Ratio Lower Upper
106 100
91 202.0 110.4 331.2



#70
Styrene
Concen: 18.775 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion:104 Resp: 190041
Ion Ratio Lower Upper
104 100
78 46.5 42.1 63.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 18.492 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

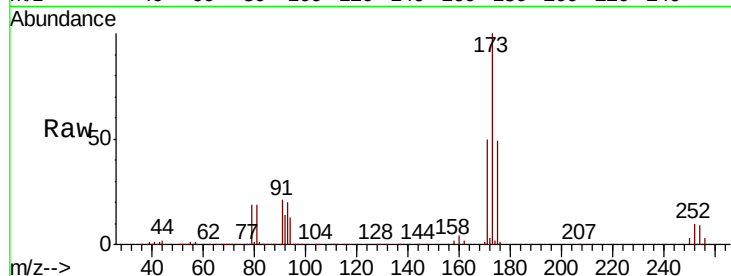
Tot Ion:173 Resp: 59665

Ion Ratio Lower Upper

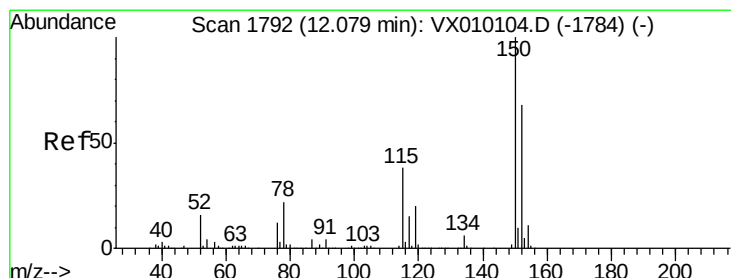
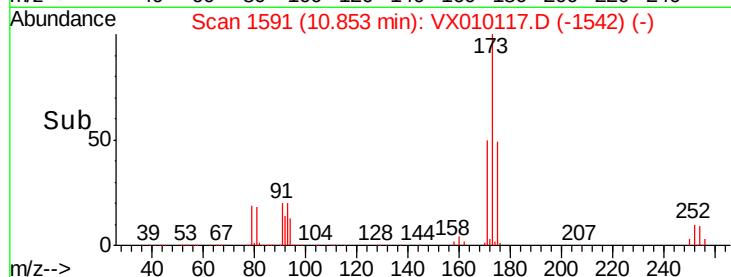
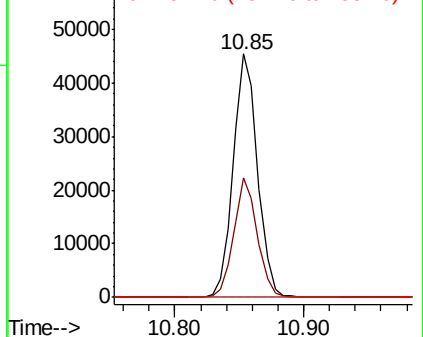
173 100

175 47.5 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: VX010117.D

Acq: 07 Jun 2019 18:37

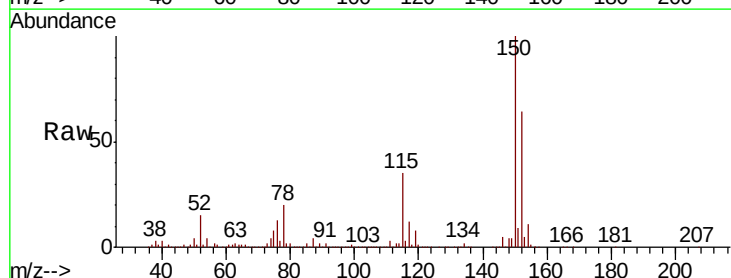
Tgt Ion:152 Resp: 222361

Ion Ratio Lower Upper

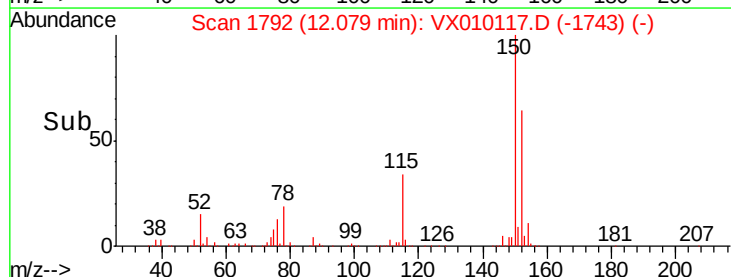
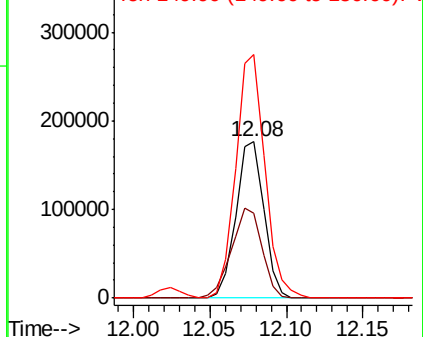
152 100

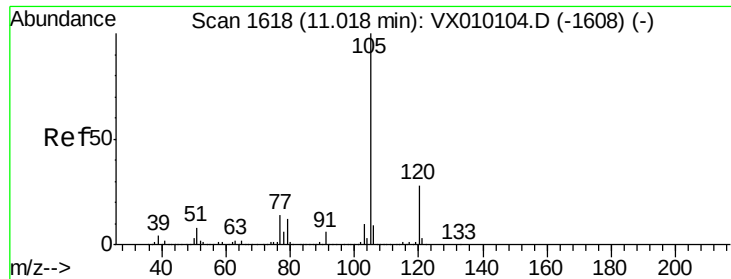
115 63.1 41.4 124.2

150 162.7 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: 18.735 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

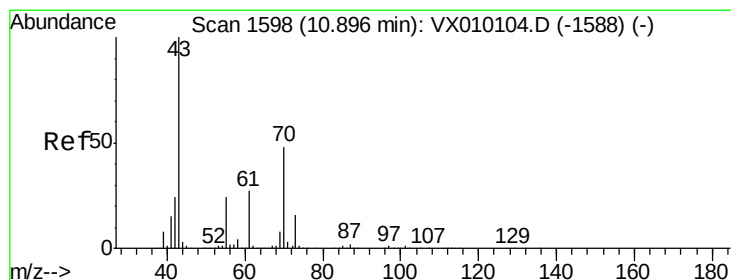
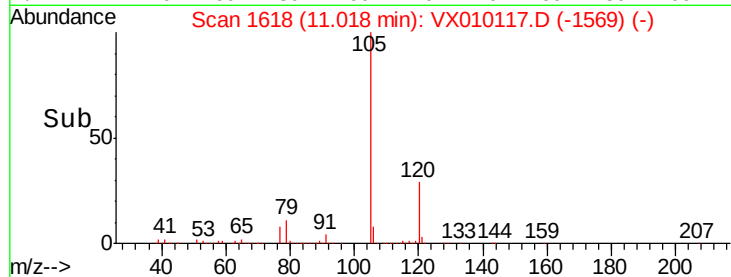
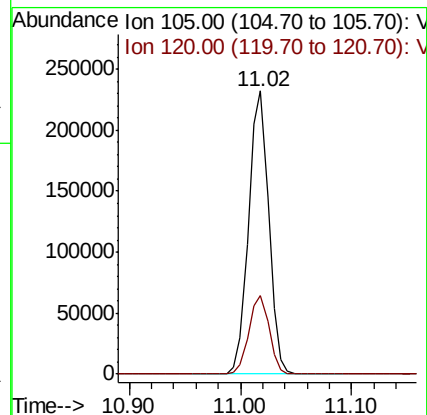
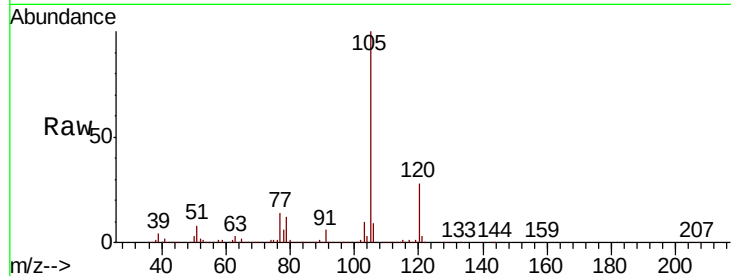
VX0607WBSD01

Tot Ion:105 Resp: 290809

Ion Ratio Lower Upper

105 100

120 28.0 12.8 38.4



#74

N-ethyl acetate

Concen: 19.057 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Tgt Ion: 43 Resp: 116930

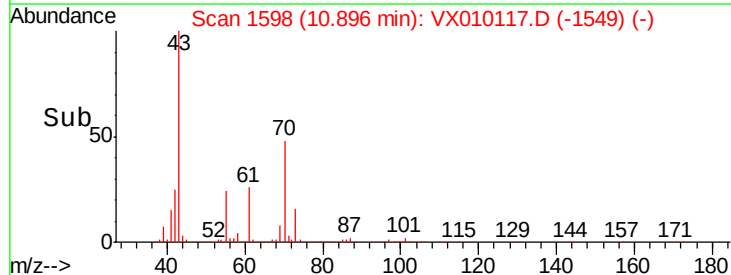
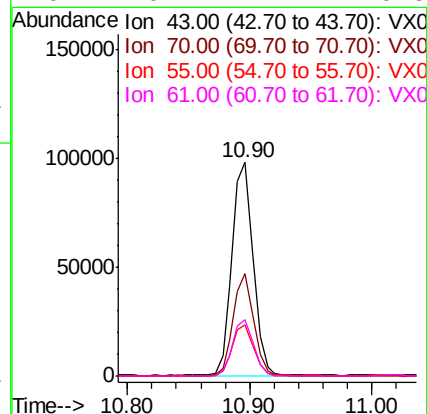
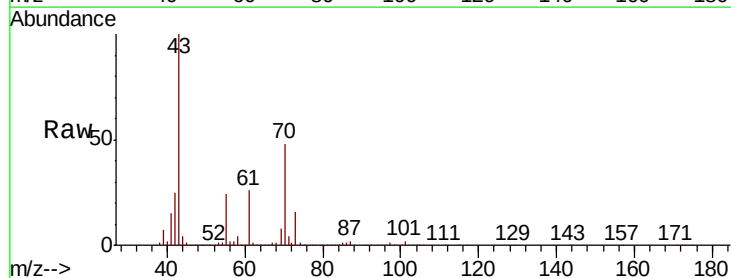
Ion Ratio Lower Upper

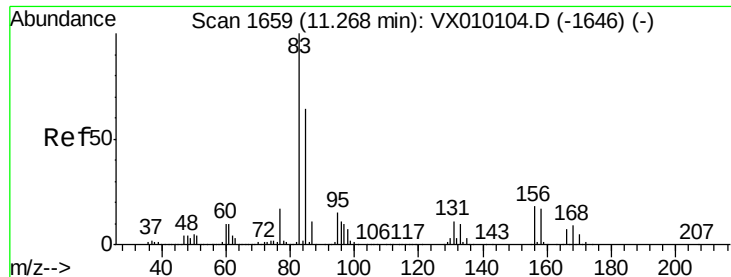
43 100

70 46.7 28.6 43.0#

55 24.0 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.065 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

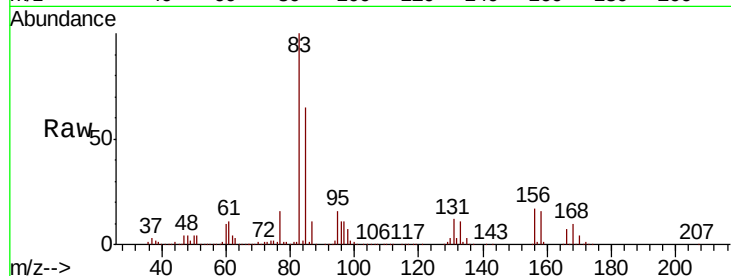
Tot Ion: 83 Resp: 101303

Ion Ratio Lower Upper

83 100

131 11.4 4.7 14.1

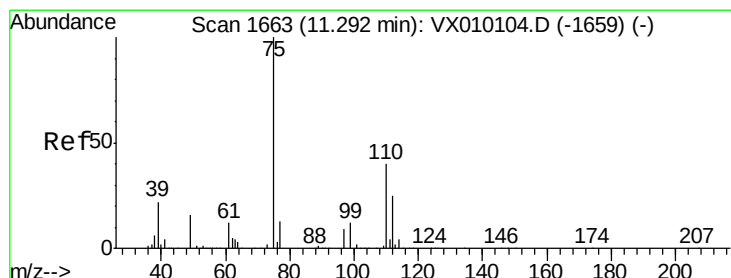
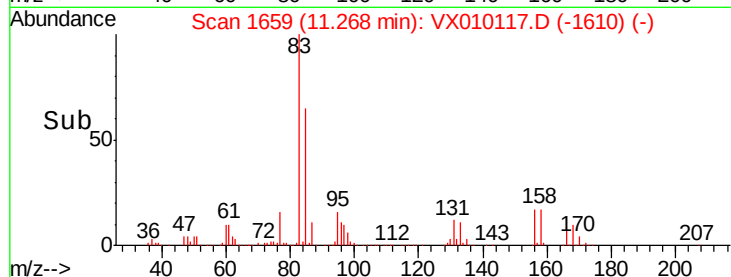
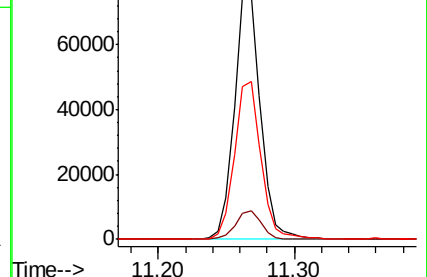
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.148 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010117.D

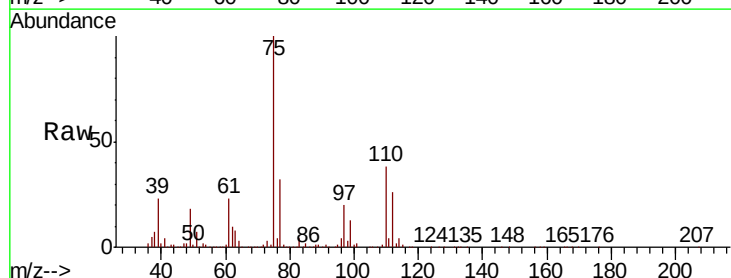
Acq: 07 Jun 2019 18:37

Tgt Ion: 75 Resp: 116299

Ion Ratio Lower Upper

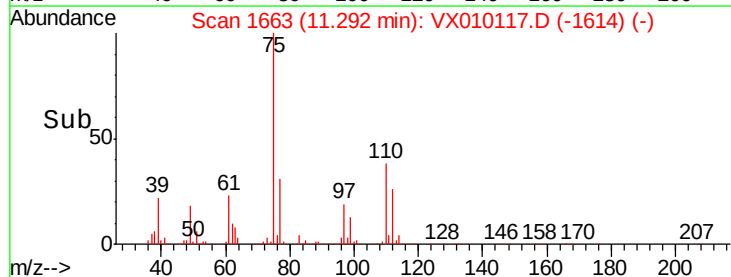
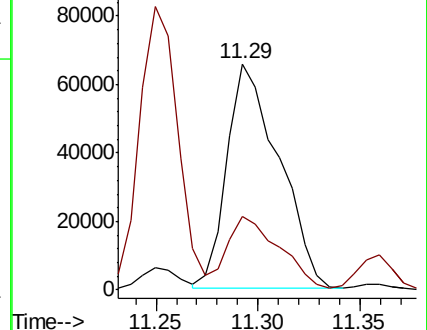
75 100

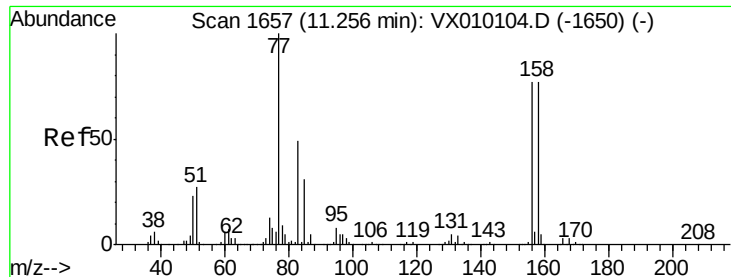
77 32.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.486 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

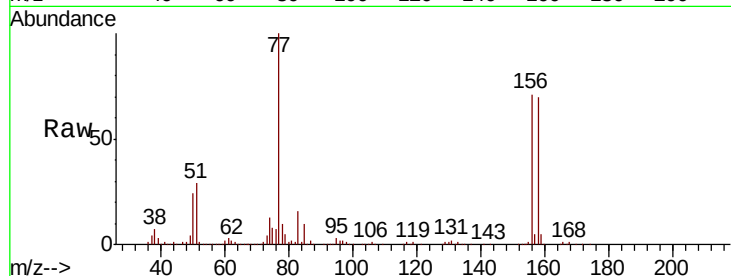
Tot Ion:156 Resp: 78910

Ion Ratio Lower Upper

156 100

77 137.8 86.8 260.3

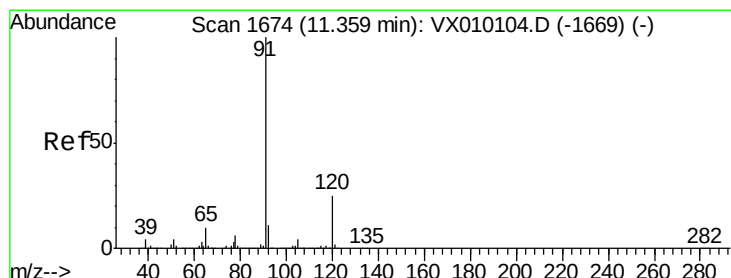
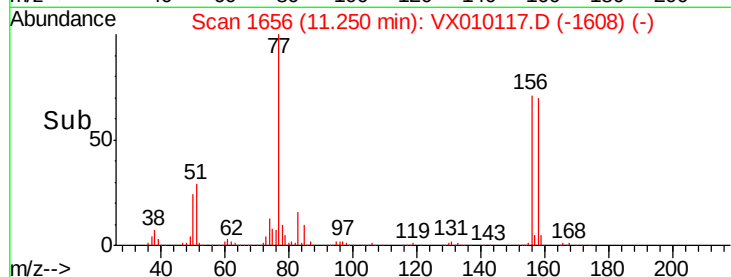
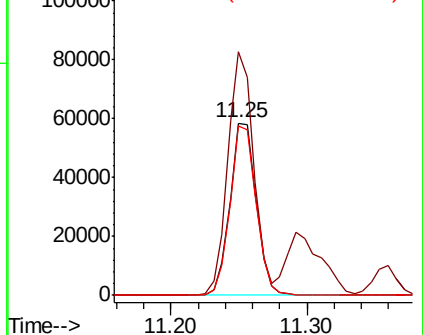
158 97.0 49.6 148.8



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: 18.585 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010117.D

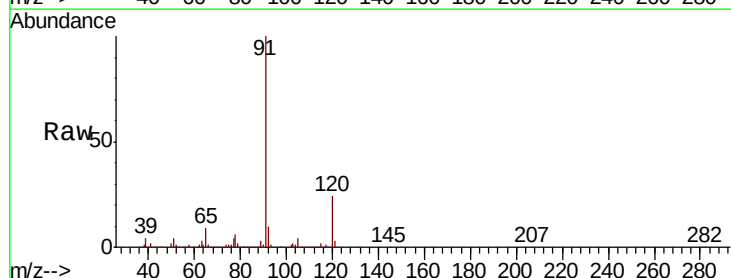
Acq: 07 Jun 2019 18:37

Tgt Ion: 91 Resp: 321154

Ion Ratio Lower Upper

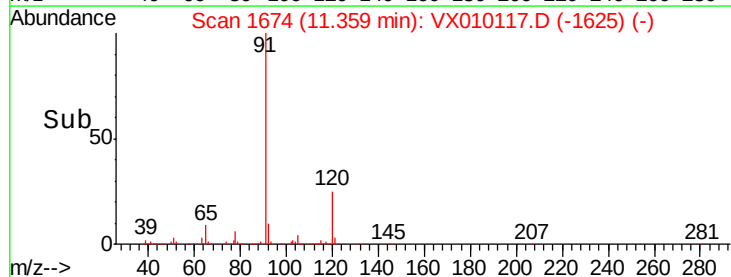
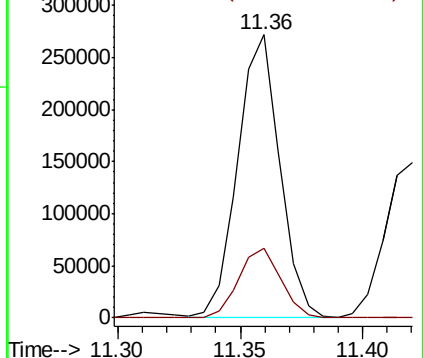
91 100

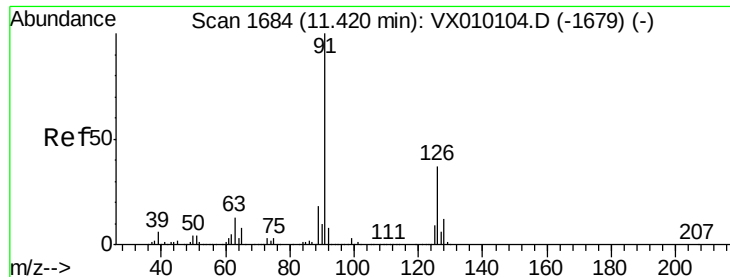
120 25.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.283 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

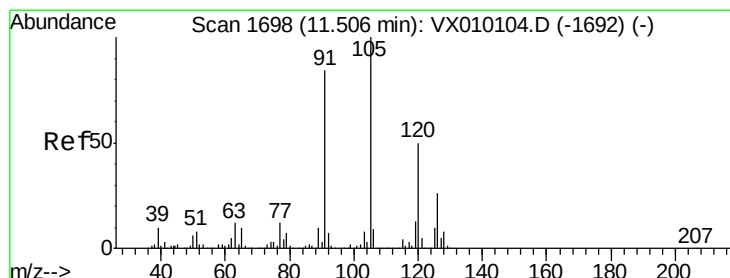
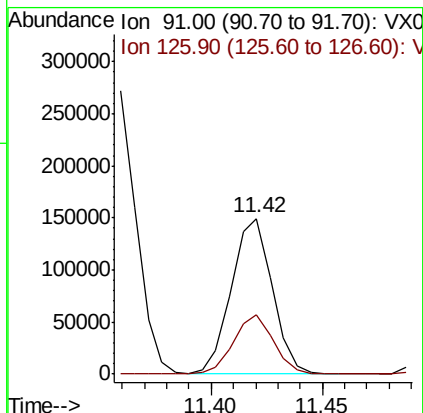
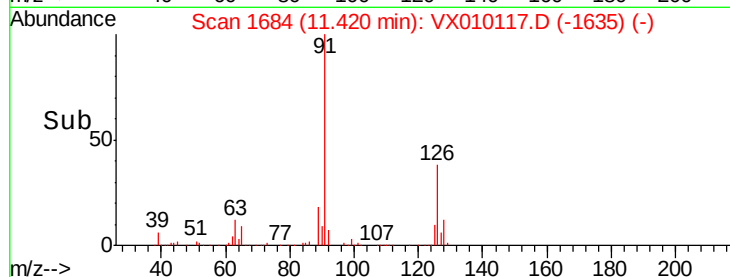
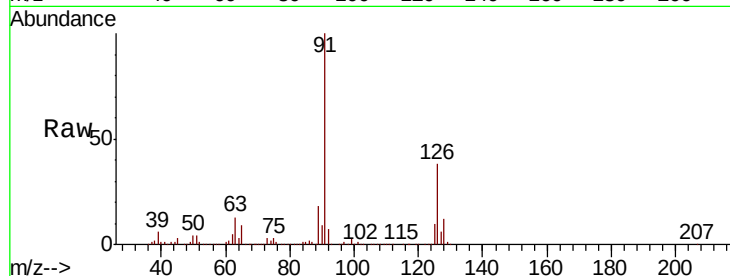
VX0607WBSD01

Tot Ion: 91 Resp: 189759

Ion Ratio Lower Upper

91 100

126 38.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.717 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010117.D

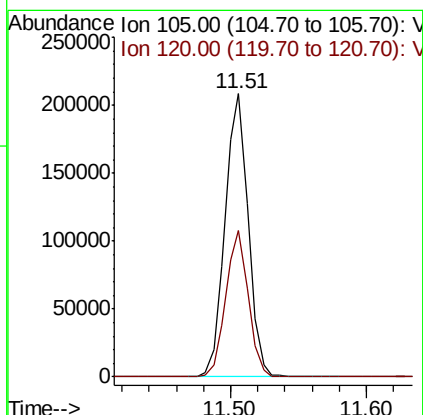
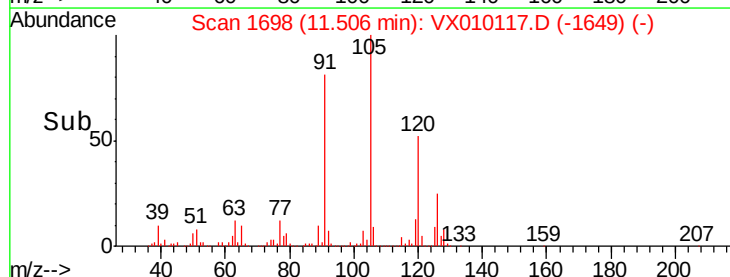
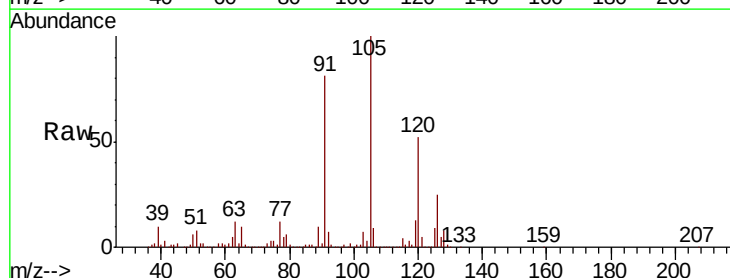
Acq: 07 Jun 2019 18:37

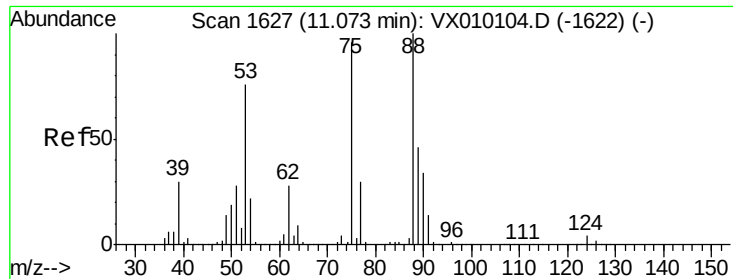
Tgt Ion:105 Resp: 244702

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3

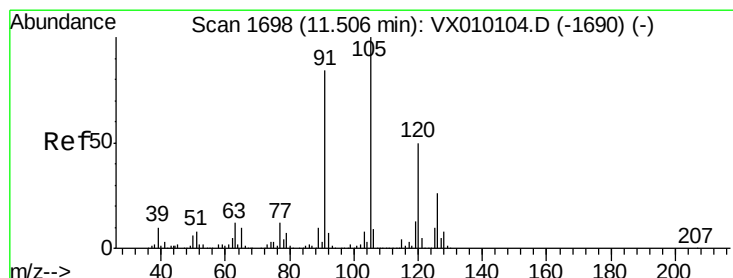
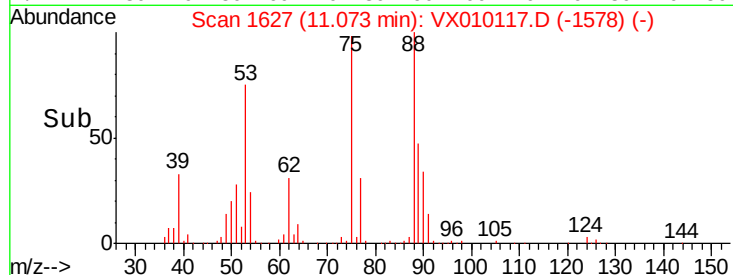
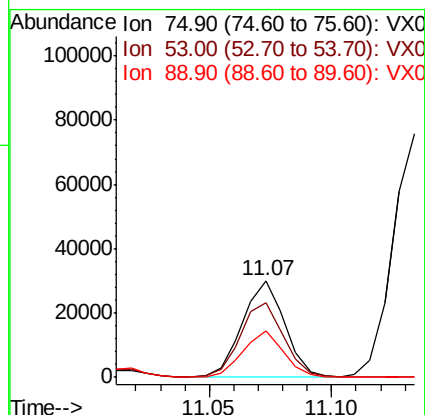
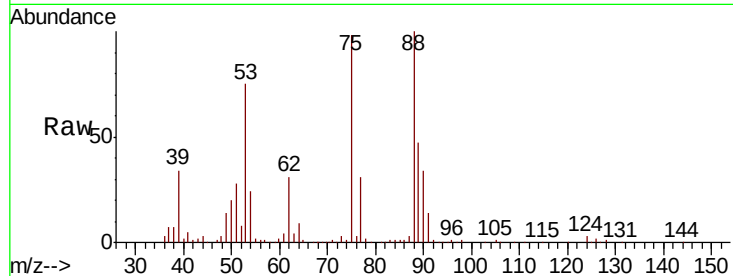




#81
trans-1,4-Dichloro-2-butene
Concen: 18.033 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

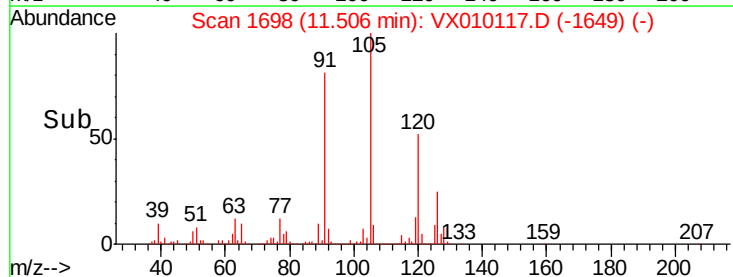
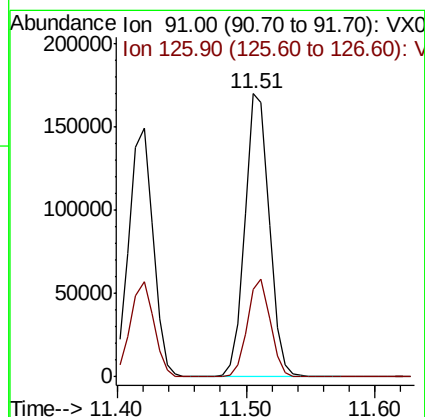
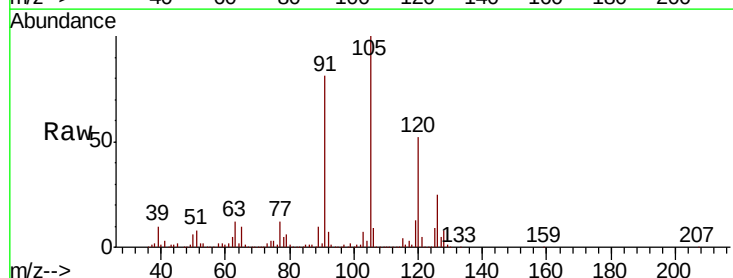
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

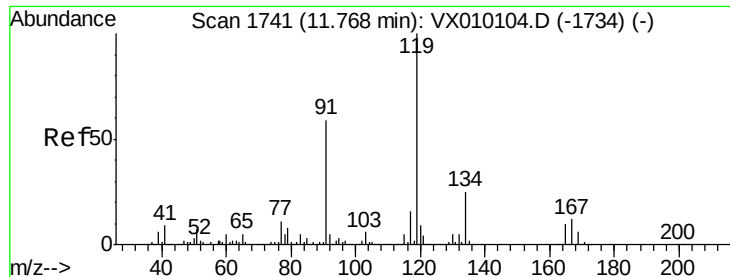
Tot Ion: 75 Resp: 36300
Ion Ratio Lower Upper
75 100
53 78.3 79.8 119.6#
89 46.7 34.2 51.4



#82
4-Chlorotoluene
Concen: 18.598 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010117.D
Acq: 07 Jun 2019 18:37

Tgt Ion: 91 Resp: 219273
Ion Ratio Lower Upper
91 100
126 33.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.705 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

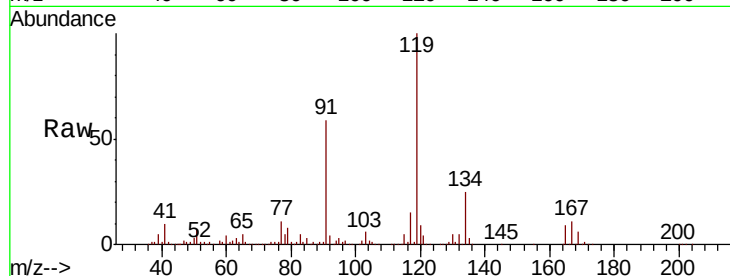
Tot Ion:119 Resp: 247521

Ion Ratio Lower Upper

119 100

91 55.3 30.0 90.0

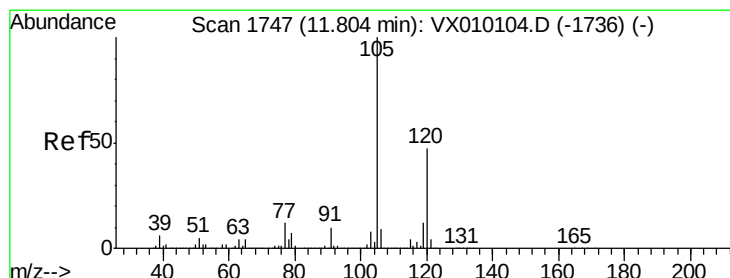
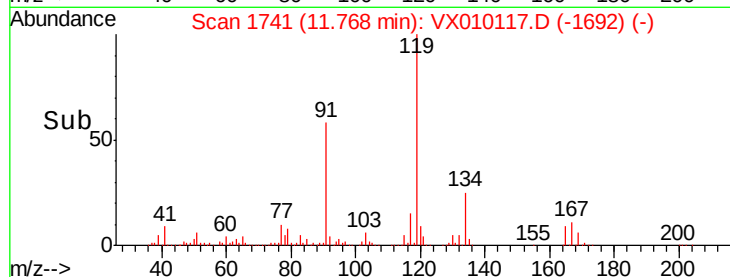
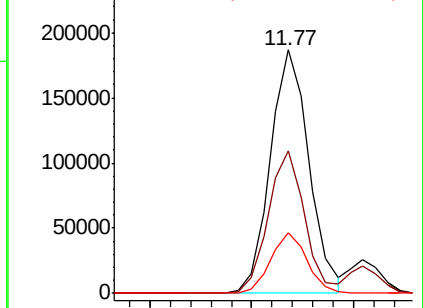
134 23.4 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.672 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010117.D

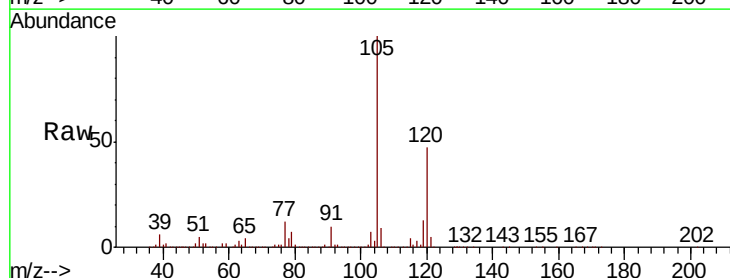
Acq: 07 Jun 2019 18:37

Tgt Ion:105 Resp: 246579

Ion Ratio Lower Upper

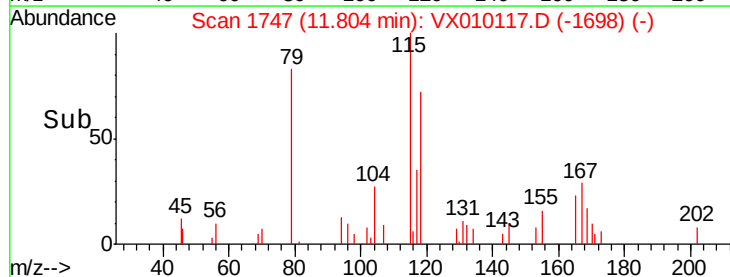
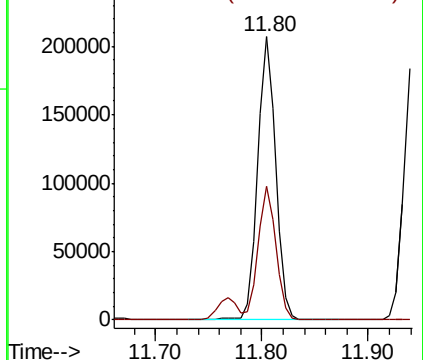
105 100

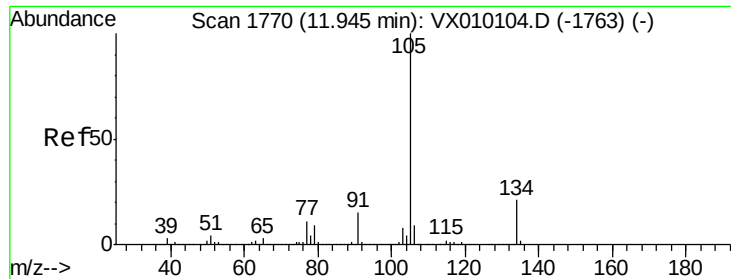
120 46.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

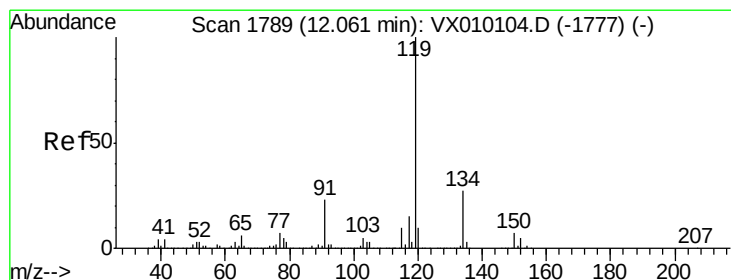
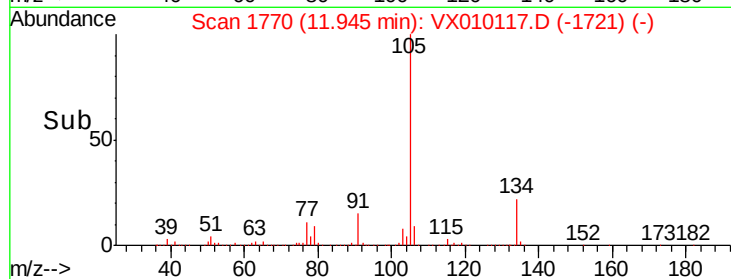
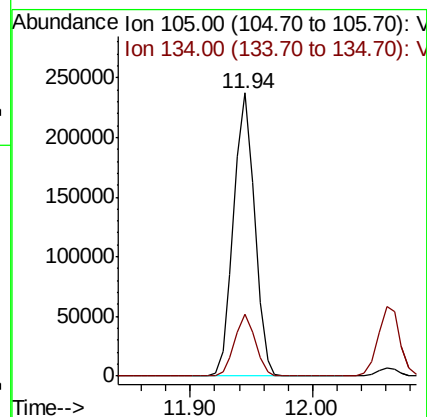
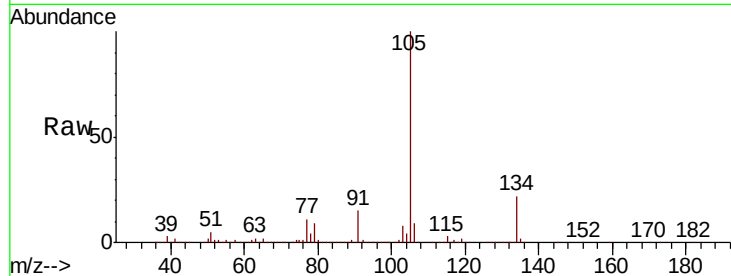




#85
 sec-Butylbenzene
 Concen: 18.261 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

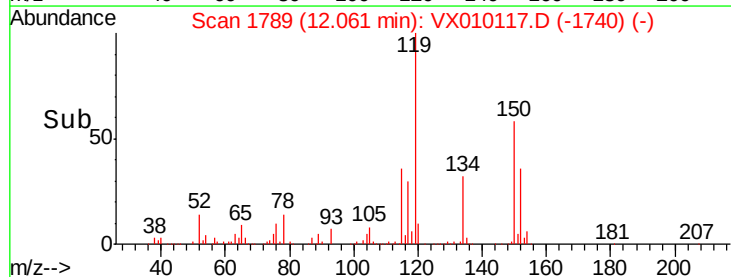
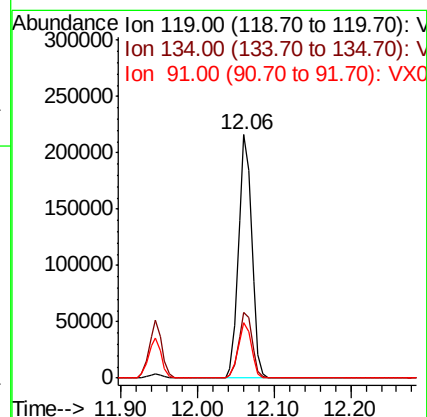
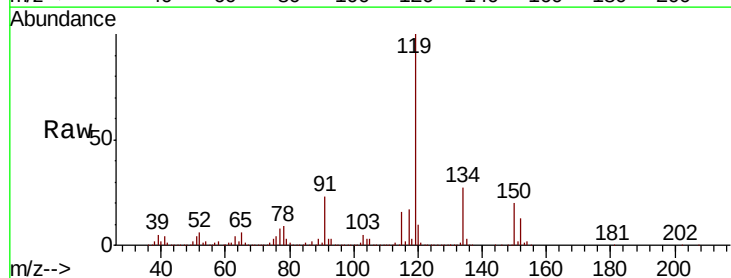
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0607WBSD01

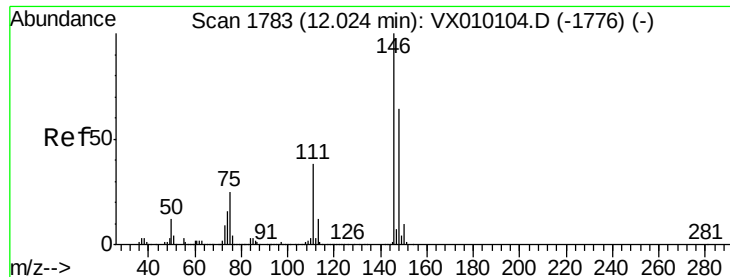
Tot Ion:105 Resp: 281521
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.448 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion:119 Resp: 260001
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.9 38.6
 91 22.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 18.327 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

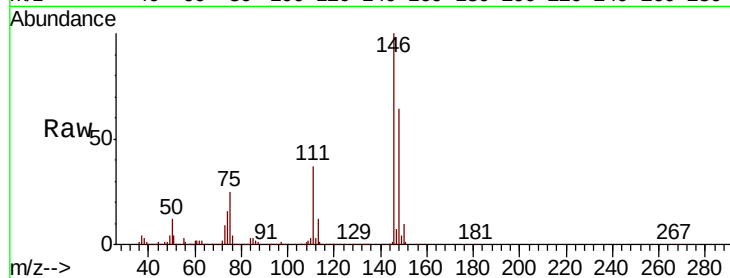
Tot Ion:146 Resp: 137794

Ion Ratio Lower Upper

146 100

111 38.0 20.1 60.2

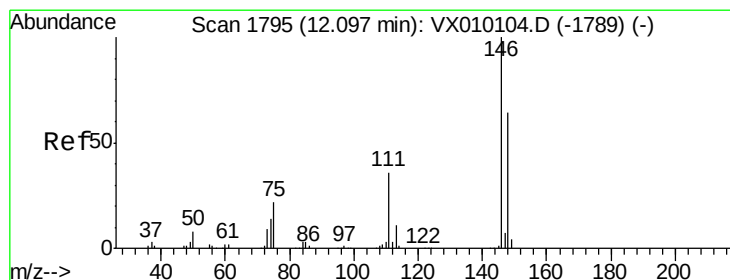
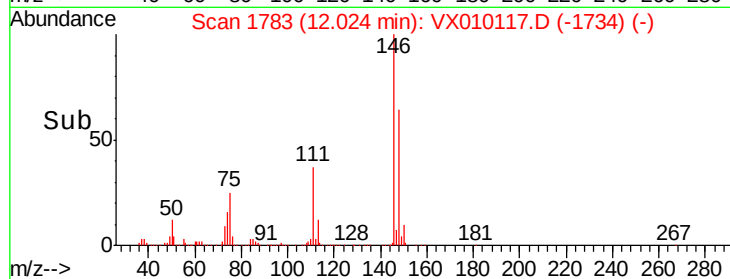
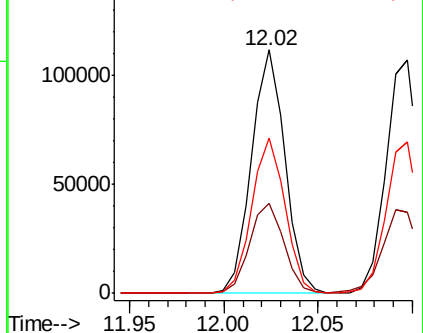
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.084 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

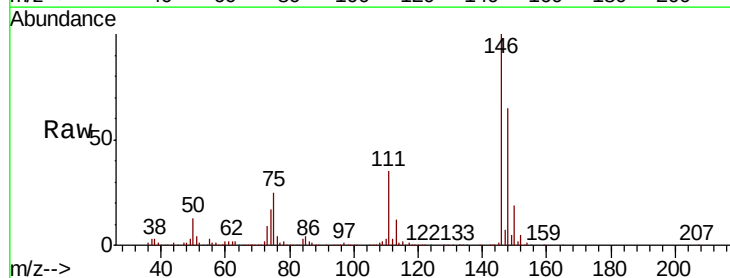
Tgt Ion:146 Resp: 137066

Ion Ratio Lower Upper

146 100

111 37.9 20.0 59.9

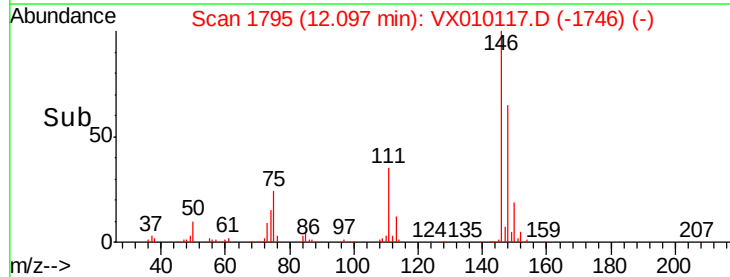
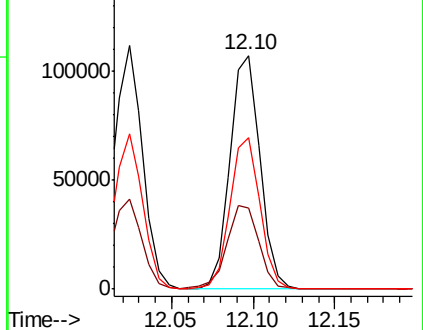
148 64.9 32.3 96.9

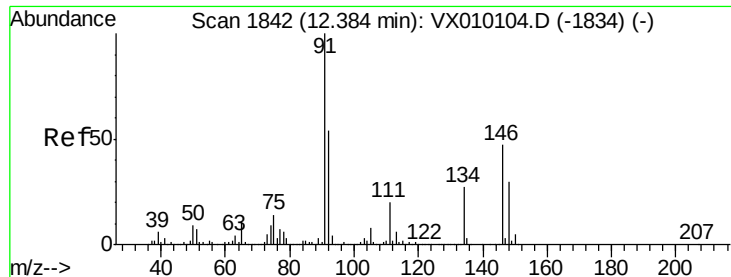


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.051 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

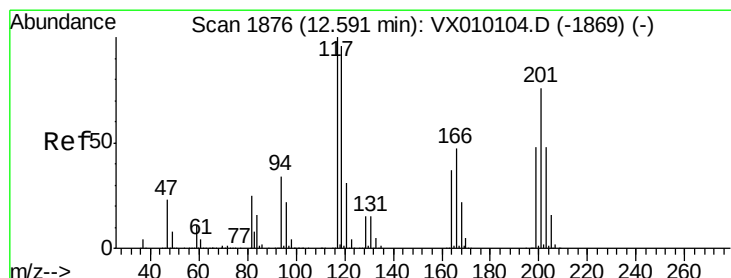
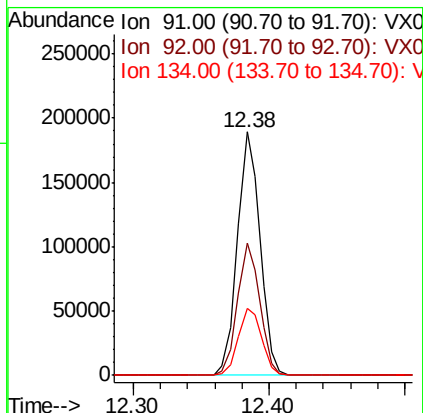
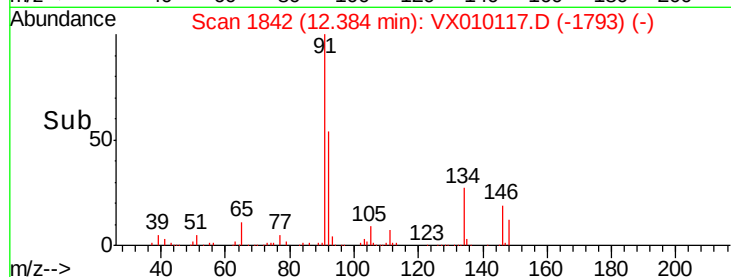
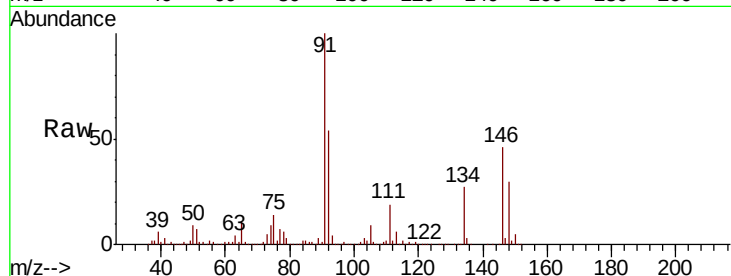
Tot Ion: 91 Resp: 218991

Ion Ratio Lower Upper

91 100

92 53.7 26.3 78.8

134 28.7 12.3 36.8



#90

Hexachloroethane

Concen: 18.120 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010117.D

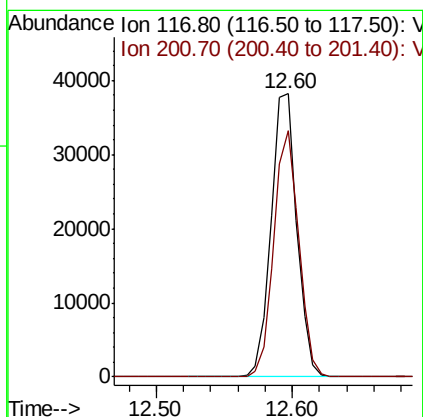
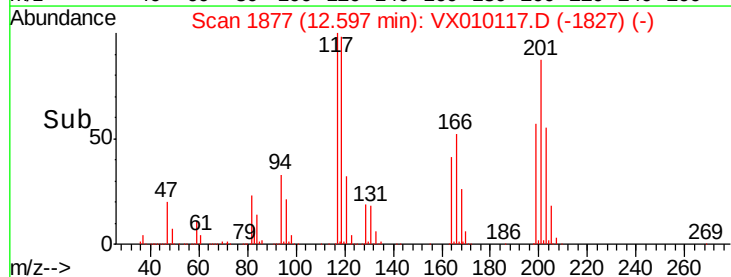
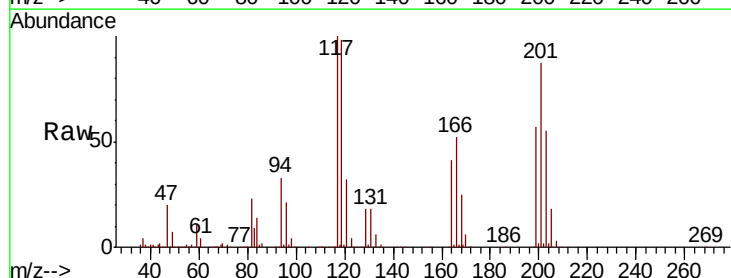
Acq: 07 Jun 2019 18:37

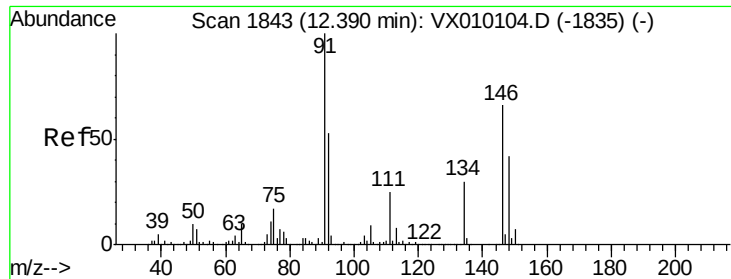
Tgt Ion: 117 Resp: 50873

Ion Ratio Lower Upper

117 100

201 84.0 43.6 130.9

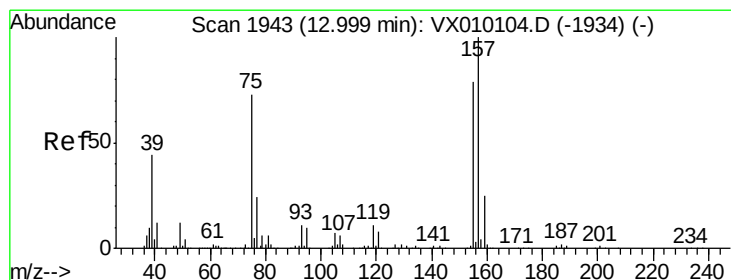
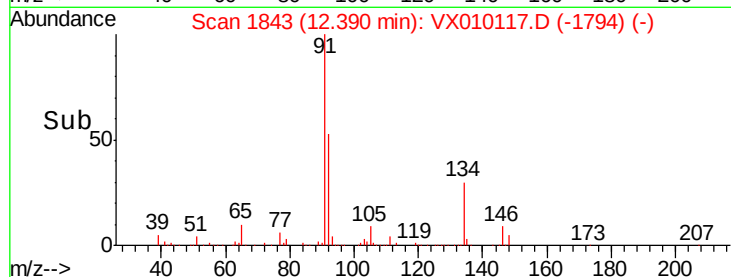
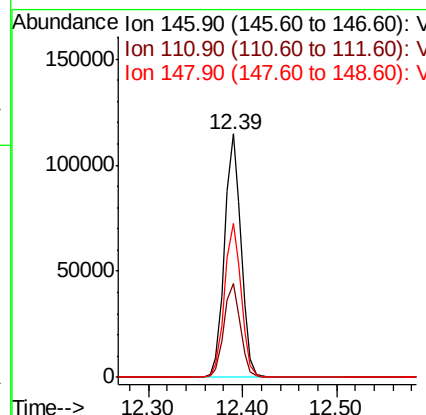
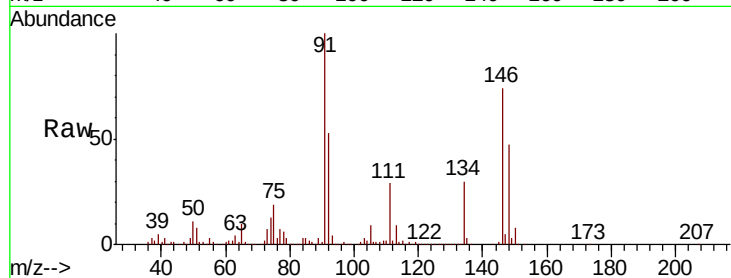




#91
 1,2-Dichlorobenzene
 Concen: 19.007 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

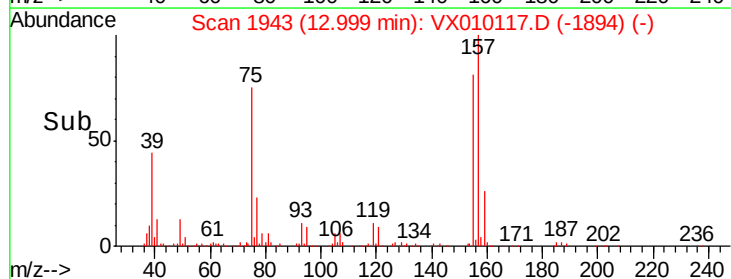
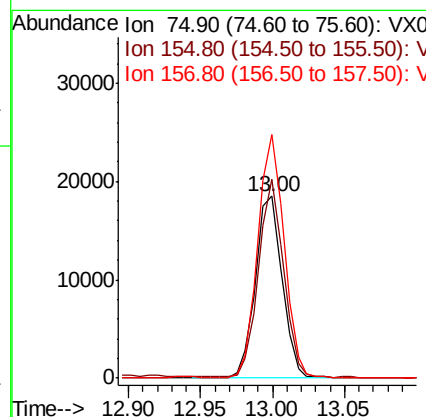
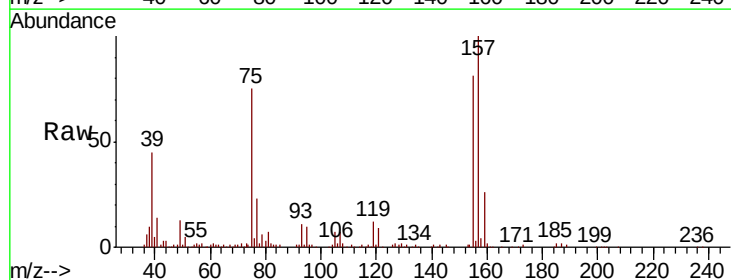
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

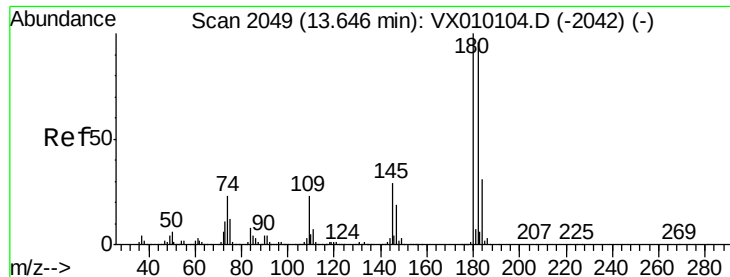
Tot Ion:146 Resp: 138934
 Ion Ratio Lower Upper
 146 100
 111 38.7 21.1 63.1
 148 63.9 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.974 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion: 75 Resp: 23724
 Ion Ratio Lower Upper
 75 100
 155 101.6 39.3 117.8
 157 131.4 50.6 151.8

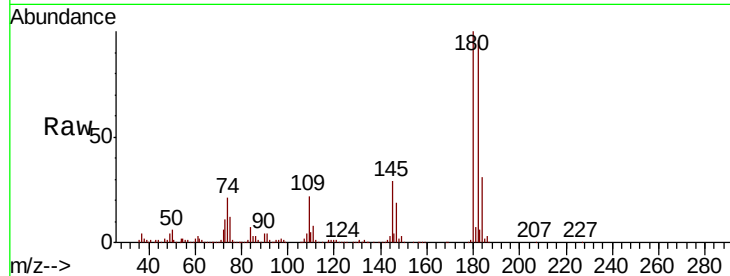




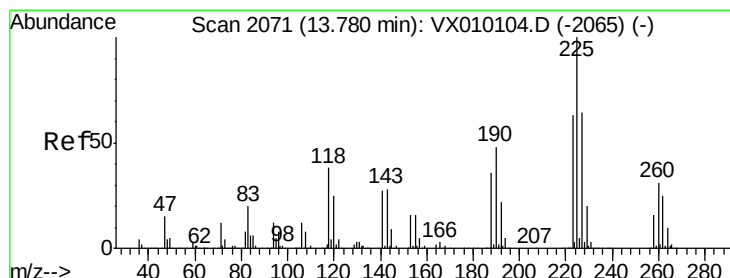
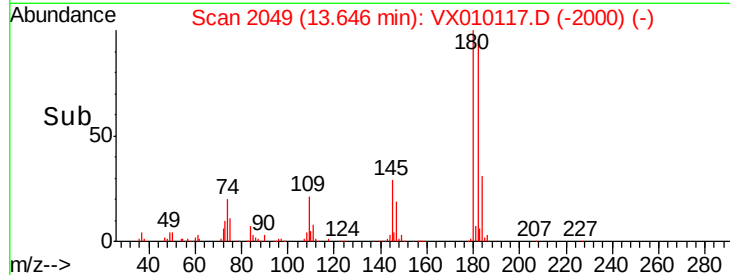
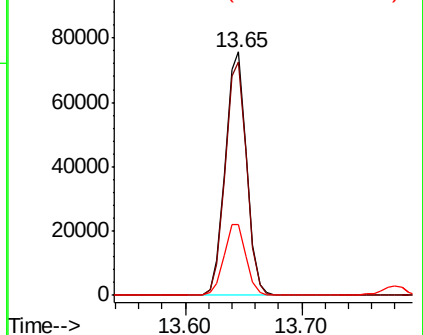
#93
 1,2,4-Trichlorobenzene
 Concen: 17.864 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tot Ion:180 Resp: 95582
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.4 142.2
 145 30.2 14.5 43.5

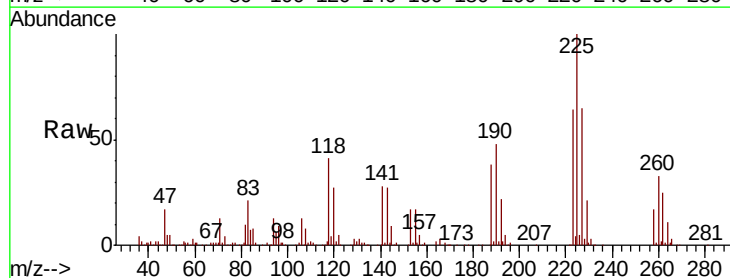


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

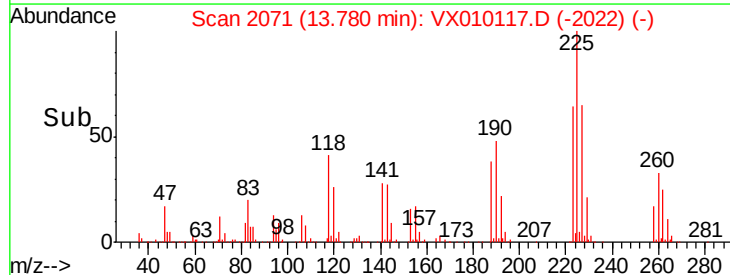
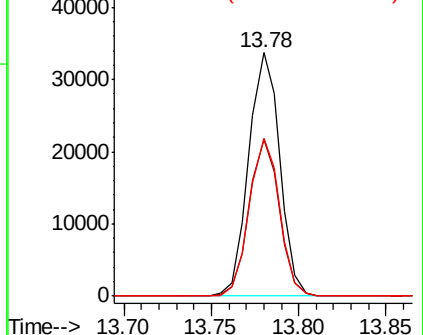


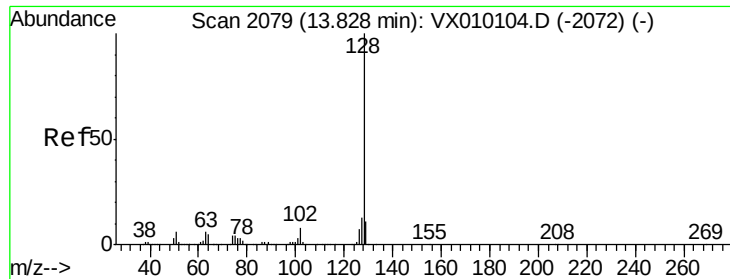
#94
 Hexachlorobutadiene
 Concen: 17.590 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010117.D
 Acq: 07 Jun 2019 18:37

Tgt Ion:225 Resp: 41856
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 63.2 32.3 96.8



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





#95

Naphthalene

Concen: 18.822 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

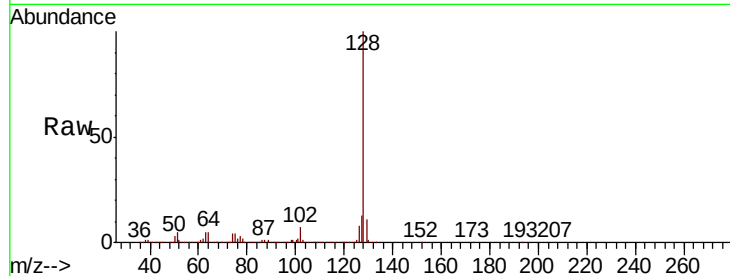
Tot Ion:128 Resp: 317012

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.8 13.2

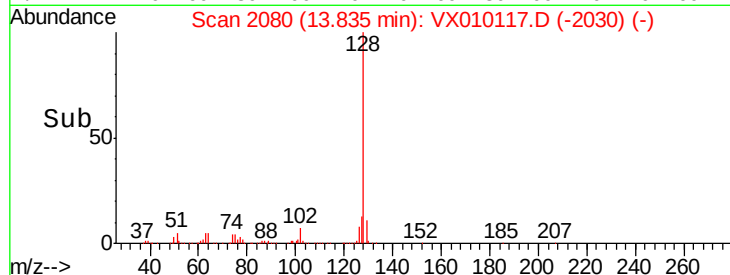


Abundance Ion 128.00 (127.70 to 128.70): V

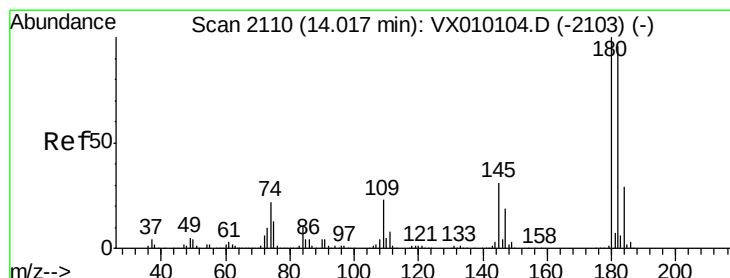
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.325 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010117.D

Acq: 07 Jun 2019 18:37

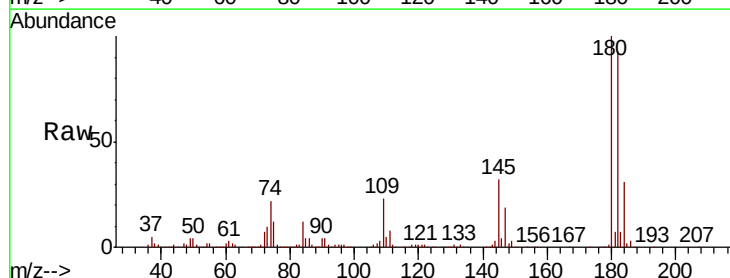
Tgt Ion:180 Resp: 96946

Ion Ratio Lower Upper

180 100

182 96.1 47.3 142.0

145 31.1 15.6 46.7

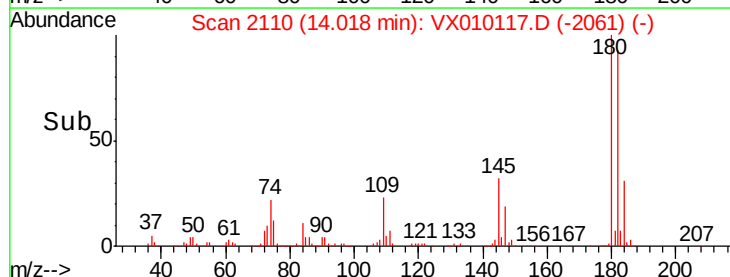


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->