

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010318.D
 Acq On : 17 Jun 2019 12:49
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 01:51:02 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	306105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	442724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212172	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	129049	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	
35) Dibromofluoromethane	5.49	113	130198	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	493799	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	178003	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50067	17.776	ug/l	100
3) Chloromethane	1.33	50	47055	16.822	ug/l	99
4) Vinyl Chloride	1.41	62	48978	18.630	ug/l	99
5) Bromomethane	1.64	94	25197	25.399	ug/l	95
6) Chloroethane	1.72	64	29747	22.442	ug/l	100
7) Trichlorofluoromethane	1.93	101	79882	20.455	ug/l	99
8) Diethyl Ether	2.19	74	28373	21.080	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48134	17.881	ug/l	92
10) Methyl Iodide	2.51	142	55262	13.250	ug/l	97
11) Tert butyl alcohol	3.04	59	66516	90.874	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45512	16.553	ug/l #	81
13) Acrolein	2.29	56	7421	55.602	ug/l	99
14) Allyl chloride	2.73	41	67662	16.303	ug/l #	89
15) Acrylonitrile	3.14	53	128830	86.110	ug/l	99
16) Acetone	2.44	43	126380	89.928	ug/l #	87
17) Carbon Disulfide	2.57	76	111204	13.998	ug/l	99
18) Methyl Acetate	2.77	43	55463	17.945	ug/l #	80
19) Methyl tert-butyl Ether	3.19	73	149007	16.869	ug/l	95
20) Methylene Chloride	2.85	84	52788	17.104	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	48400	15.907	ug/l #	77
22) Diisopropyl ether	3.85	45	140208	17.669	ug/l #	89
23) Vinyl Acetate	3.81	43	606523	85.680	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	80163	16.639	ug/l	97
25) 2-Butanone	4.67	43	183014	87.454	ug/l #	86
26) 2,2-Dichloropropane	4.58	77	72372	16.466	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	58568	17.302	ug/l	77
28) Bromochloromethane	5.01	49	33812	15.659	ug/l #	49
29) Tetrahydrofuran	5.13	42	111629	84.879	ug/l #	76
30) Chloroform	5.21	83	87022	17.392	ug/l	98
31) Cyclohexane	5.58	56	71992	16.557	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	77857	16.552	ug/l	95
36) 1,1-Dichloropropene	5.80	75	61669	17.074	ug/l	92
37) Ethyl Acetate	4.83	43	65937	17.545	ug/l #	90
38) Carbon Tetrachloride	5.78	117	70367	17.212	ug/l	100

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 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	83936	17.066	ug/l #	84
40) Benzene	6.14	78	201498	18.041	ug/l	98
41) Methacrylonitrile	5.04	41	34961	17.198	ug/l #	81
42) 1,2-Dichloroethane	6.19	62	60905	17.081	ug/l	93
43) Isopropyl Acetate	6.44	43	108469	17.262	ug/l #	88
44) Trichloroethene	7.21	130	59670	17.724	ug/l	83
45) 1,2-Dichloropropane	7.51	63	51166	18.303	ug/l	97
46) Dibromomethane	7.66	93	36475	17.416	ug/l	90
47) Bromodichloromethane	7.90	83	67898	17.350	ug/l #	98
48) Methyl methacrylate	7.77	41	52396	17.830	ug/l #	79
49) 1,4-Dioxane	7.74	88	31298	373.555	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	350036	93.248	ug/l	91
52) Toluene	8.78	92	131827	17.956	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75412	16.660	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82659	17.034	ug/l #	86
55) 1,1,2-Trichloroethane	9.21	97	55681	18.518	ug/l	95
56) Ethyl methacrylate	9.18	69	82891	17.452	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	85357	18.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	203674	90.962	ug/l #	86
59) 2-Hexanone	9.49	43	276815	92.489	ug/l	89
60) Dibromochloromethane	9.58	129	61695	17.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58516	17.474	ug/l	100
64) Tetrachloroethene	9.34	164	59604	19.988	ug/l	94
65) Chlorobenzene	10.13	112	149907	18.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	57142	17.932	ug/l	99
67) Ethyl Benzene	10.25	91	253250	17.953	ug/l	94
68) m/p-Xylenes	10.35	106	197297	36.143	ug/l	90
69) o-Xylene	10.69	106	96840	17.846	ug/l	89
70) Styrene	10.71	104	164103	17.856	ug/l	95
71) Bromoform	10.85	173	49435	16.875	ug/l #	99
73) Isopropylbenzene	11.02	105	261556	17.660	ug/l	95
74) N-amyl acetate	10.90	43	97869	16.716	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	85750	16.913	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	94603	22.292	ug/l	83
77) Bromobenzene	11.25	156	71649	17.591	ug/l	79
78) n-propylbenzene	11.36	91	288573	17.501	ug/l	95
79) 2-Chlorotoluene	11.42	91	170076	17.174	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	218559	17.520	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	29441	15.328	ug/l	87
82) 4-Chlorotoluene	11.51	91	193788	17.226	ug/l	89
83) tert-Butylbenzene	11.77	119	220399	17.456	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219945	17.455	ug/l	95
85) sec-Butylbenzene	11.94	105	259722	17.656	ug/l	96
86) p-Isopropyltoluene	12.06	119	240558	17.888	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	127080	17.714	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	127833	17.676	ug/l	99
89) n-Butylbenzene	12.38	91	204201	17.641	ug/l	97
90) Hexachloroethane	12.59	117	43114	16.094	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128078	18.364	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18105	15.175	ug/l	62

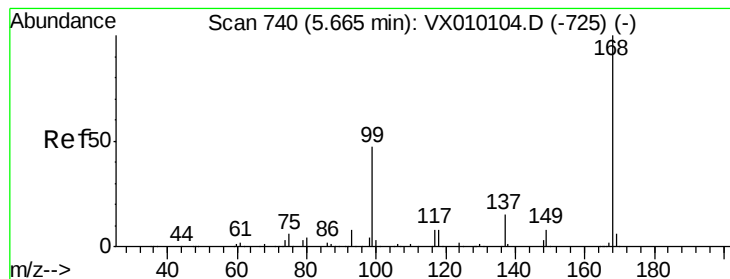
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91104	17.845	ug/l	97
94) Hexachlorobutadiene	13.78	225	45578	20.074	ug/l	99
95) Naphthalene	13.83	128	281084	17.490	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92586	18.341	ug/l	98

(#) = 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: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

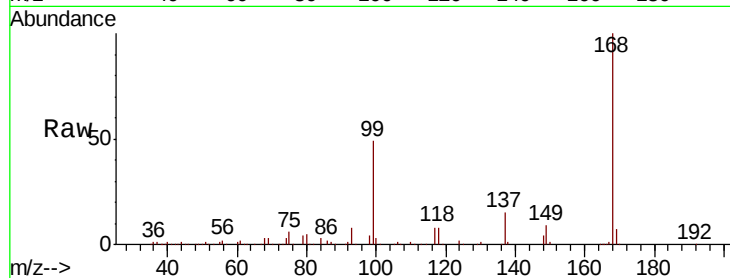
ClientSampled :

Tot Ion:168 Resp: 306105

Ion Ratio Lower Upper

168 100

99 48.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

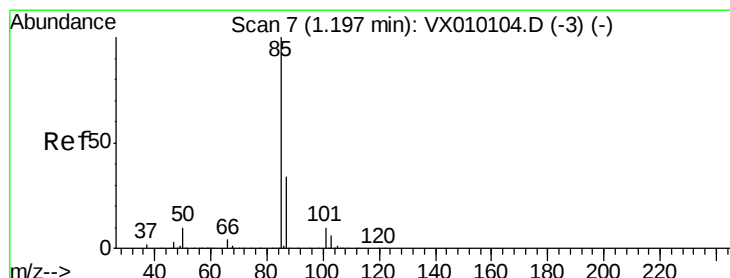
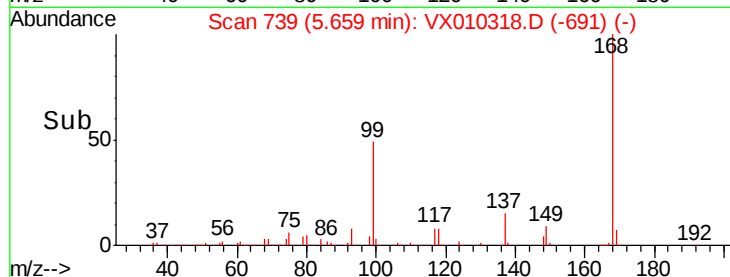
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.776 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010318.D

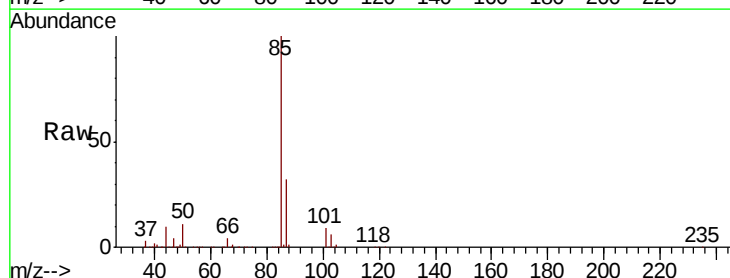
Acq: 17 Jun 2019 12:49

Tgt Ion: 85 Resp: 50067

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

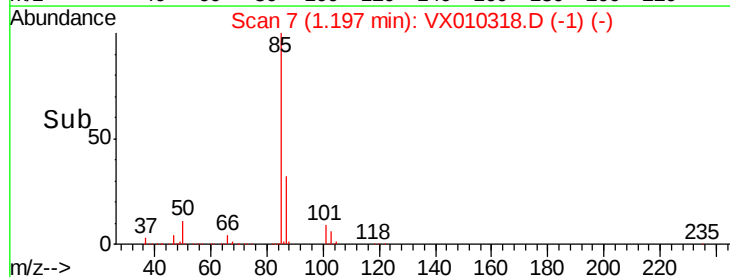
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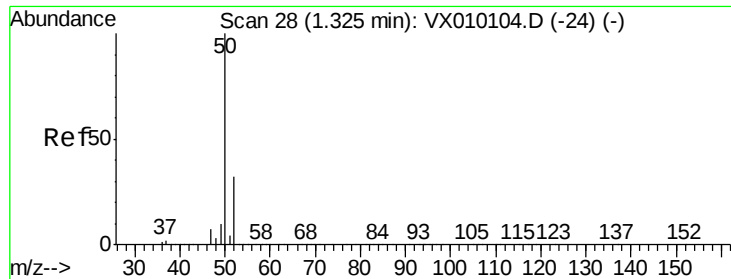
10000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 16.822 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

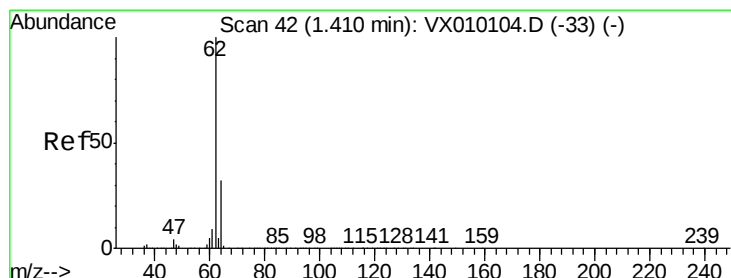
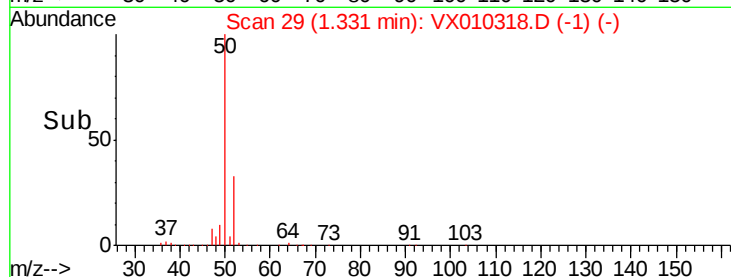
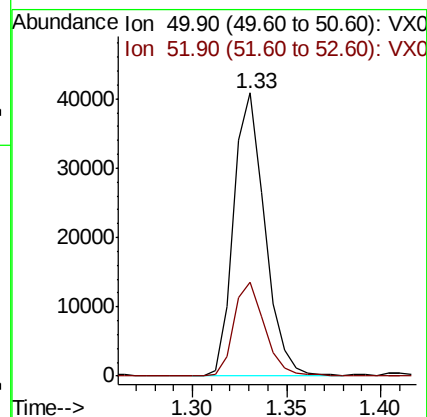
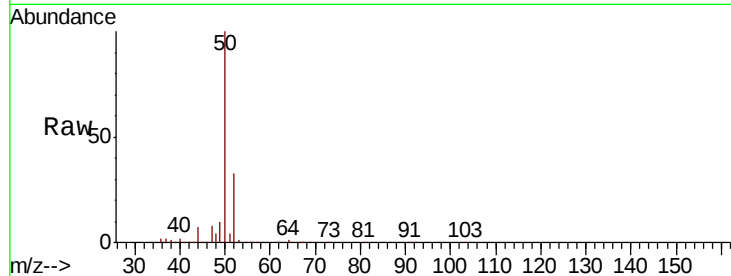
ClientSampleId :

Tot Ion: 50 Resp: 47055

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.630 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010318.D

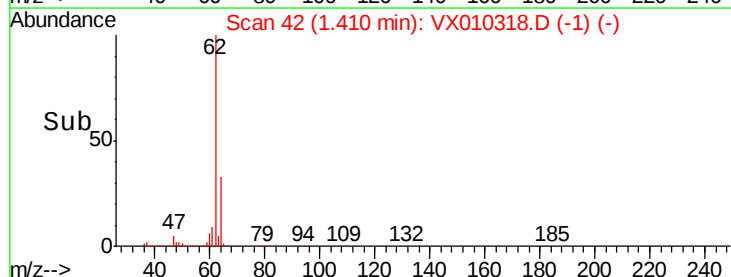
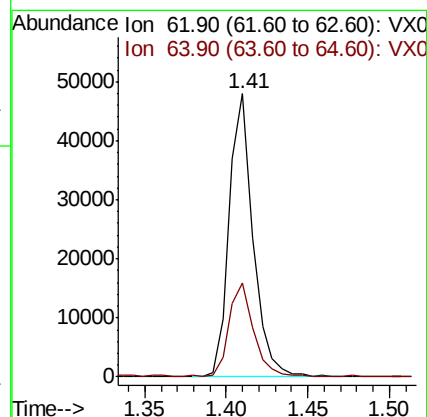
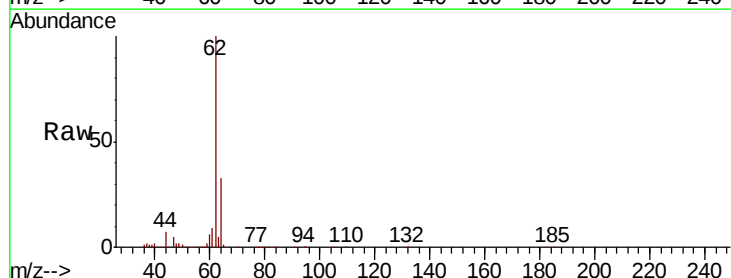
Acq: 17 Jun 2019 12:49

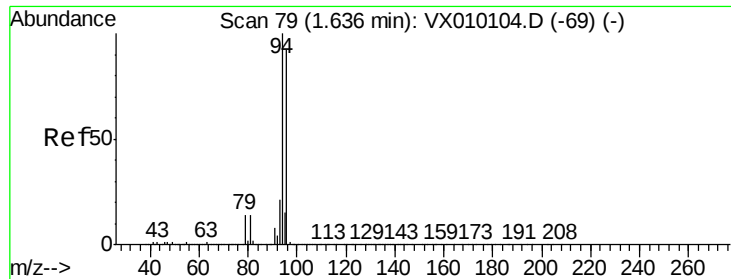
Tgt Ion: 62 Resp: 48978

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 25.399 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

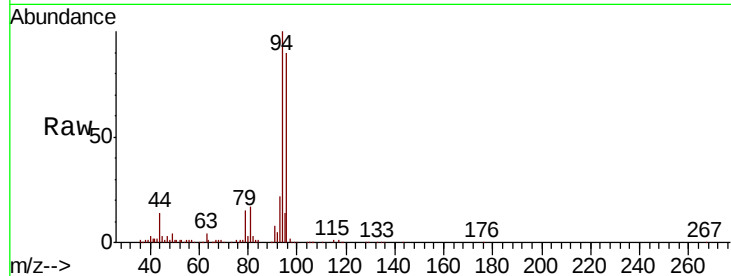
ClientSampled :

Tot Ion: 94 Resp: 25197

Ion Ratio Lower Upper

94 100

96 90.5 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

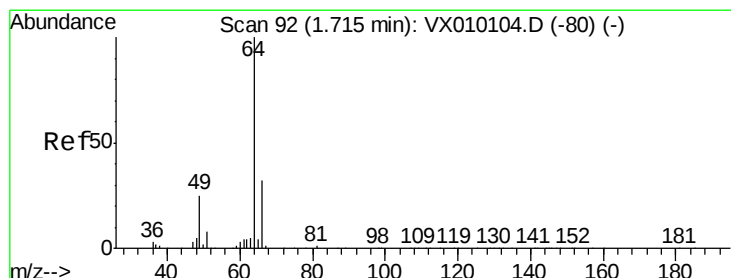
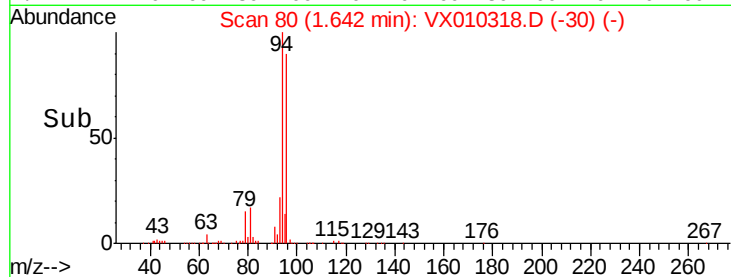
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 22.442 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010318.D

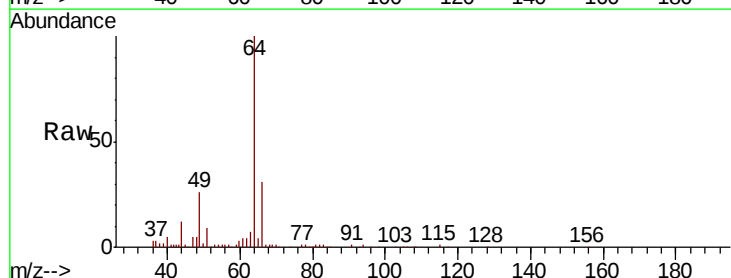
Acq: 17 Jun 2019 12:49

Tgt Ion: 64 Resp: 29747

Ion Ratio Lower Upper

64 100

66 31.4 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

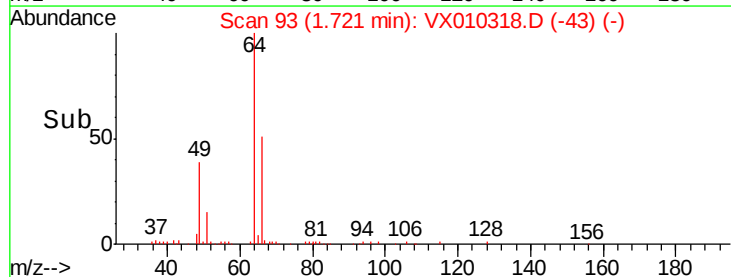
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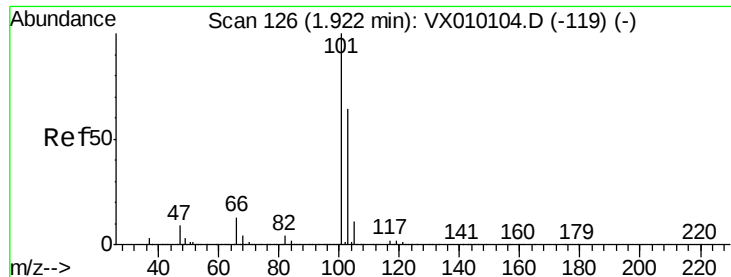
10000

5000

0

Time-->



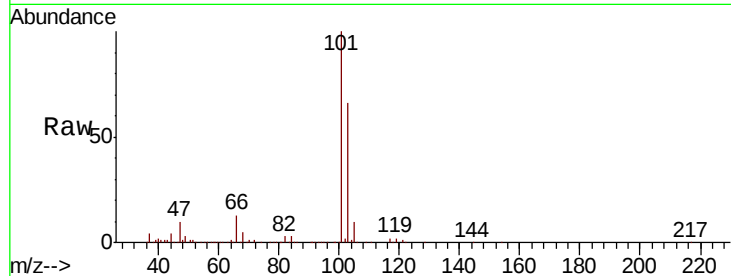


#7

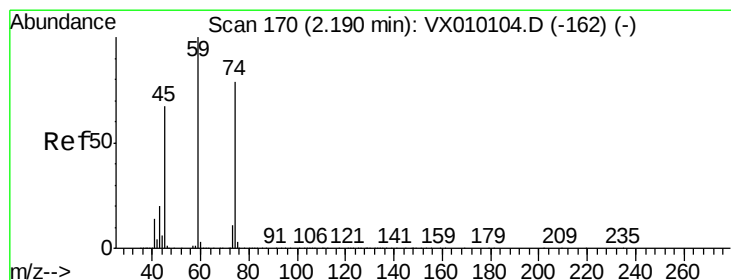
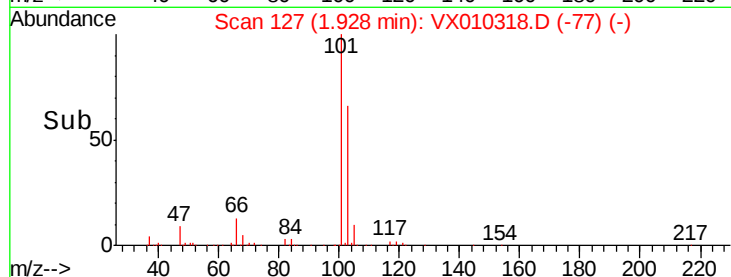
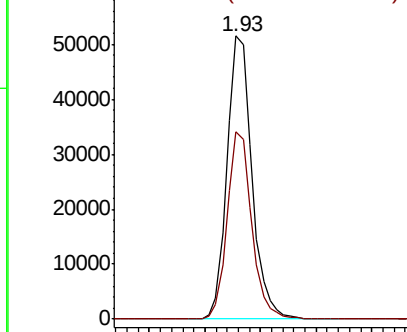
Trichlorofluoromethane
Concen: 20.455 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 79882
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4



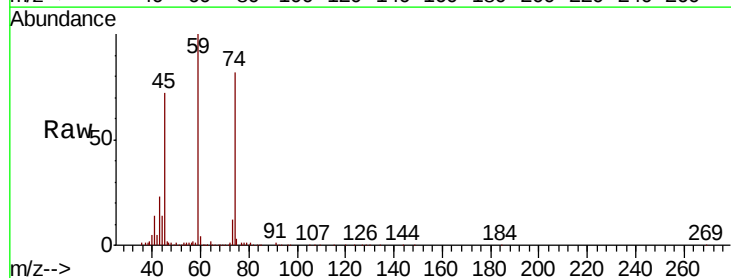
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



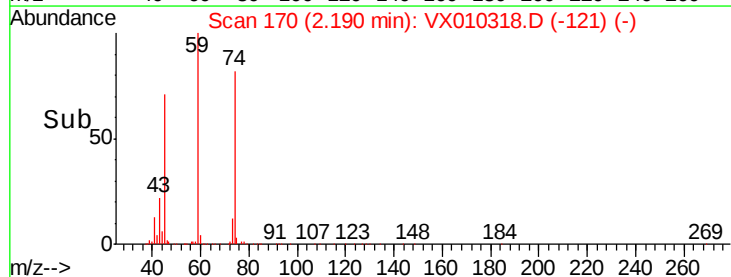
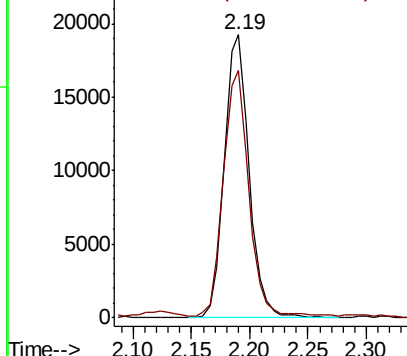
#8

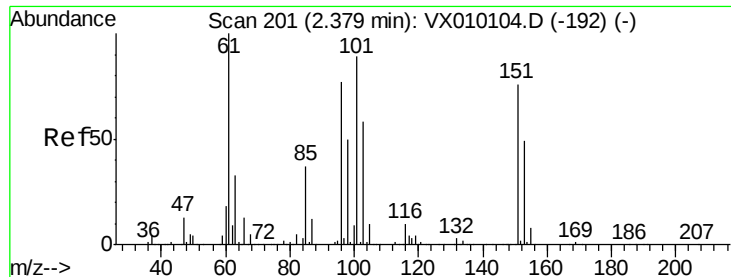
Diethyl Ether
Concen: 21.080 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 74 Resp: 28373
Ion Ratio Lower Upper
74 100
45 89.0 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.881 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

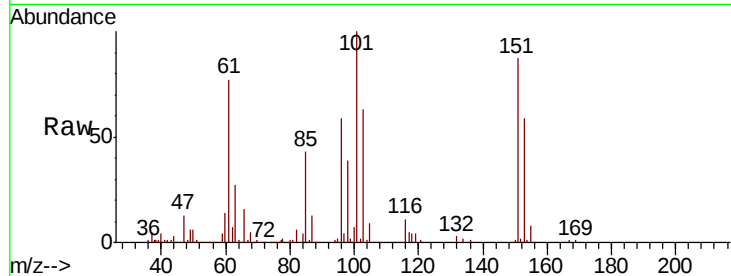
Tot Ion:101 Resp: 48134

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

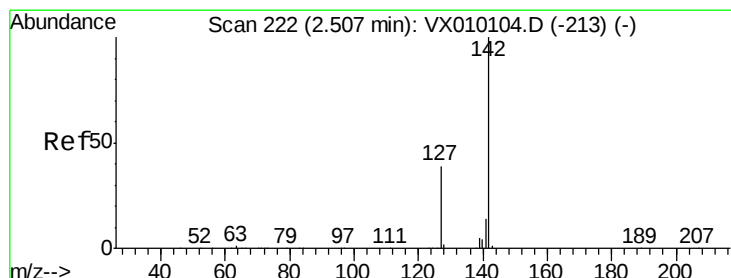
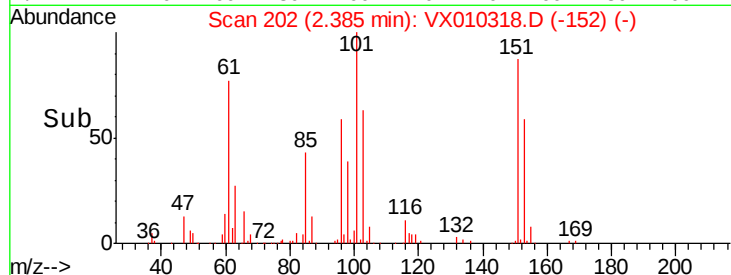
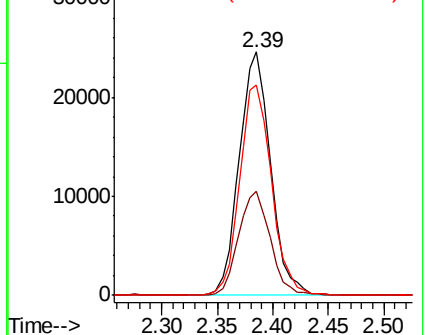
151 87.7 61.9 92.9



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: 13.250 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

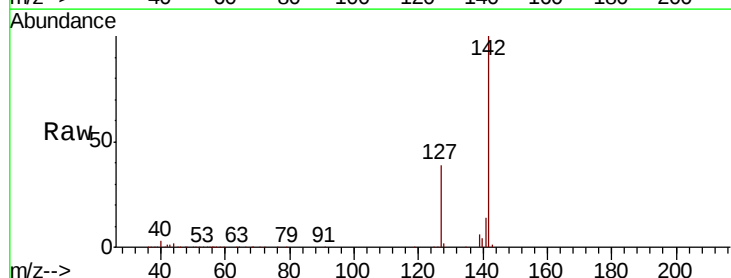
Tgt Ion:142 Resp: 55262

Ion Ratio Lower Upper

142 100

127 39.2 33.0 49.4

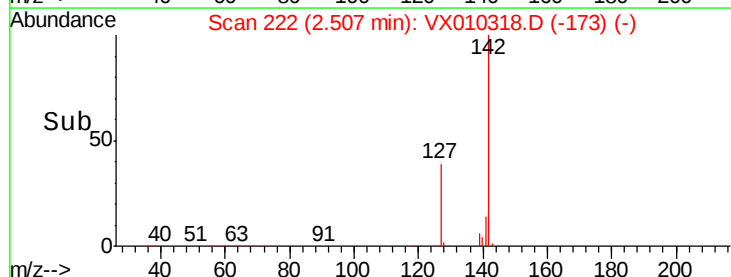
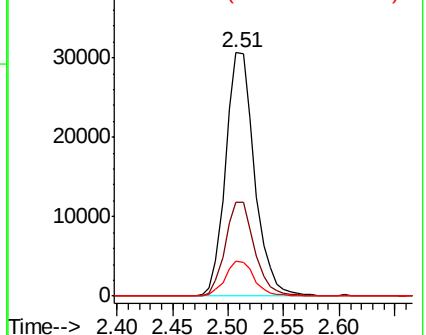
141 14.5 11.4 17.0

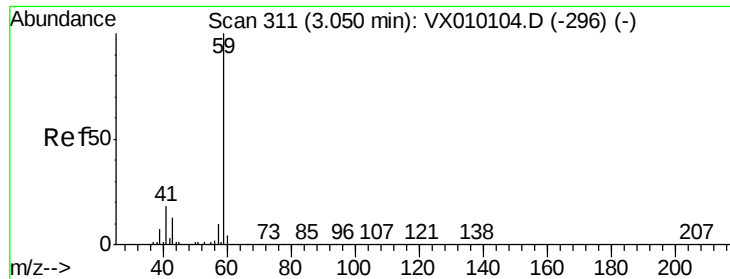


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



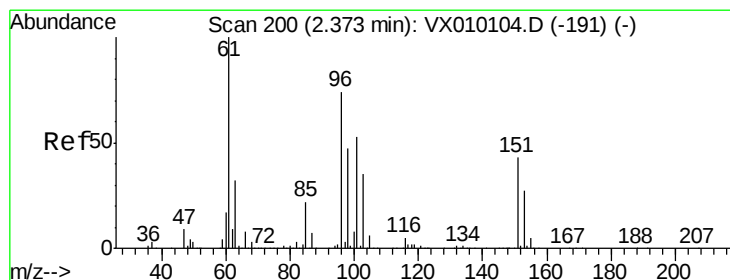
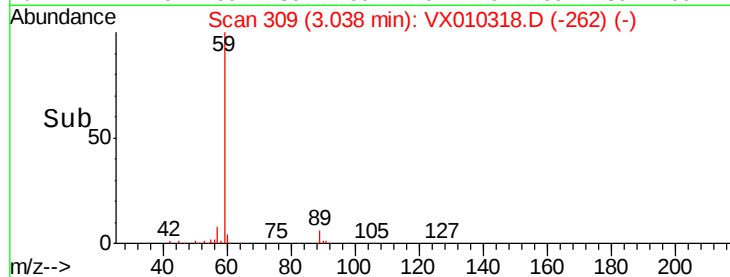
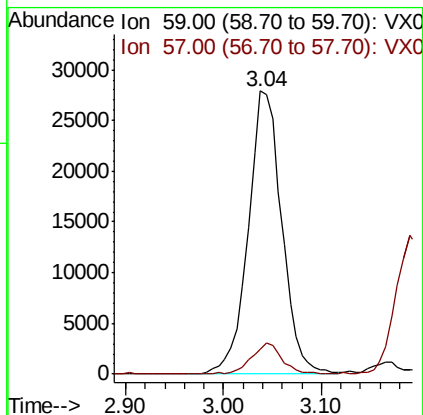
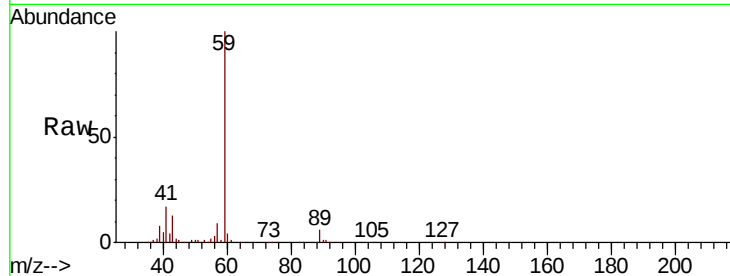


#11

Tert butyl alcohol
 Concen: 90.874 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :

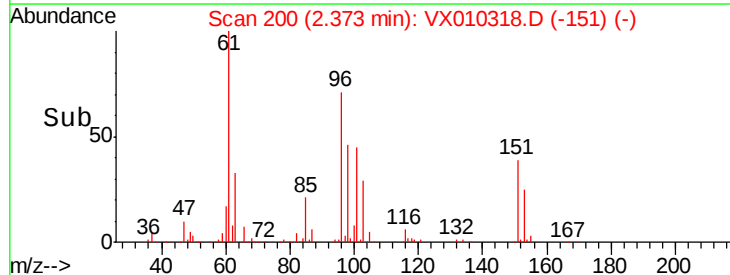
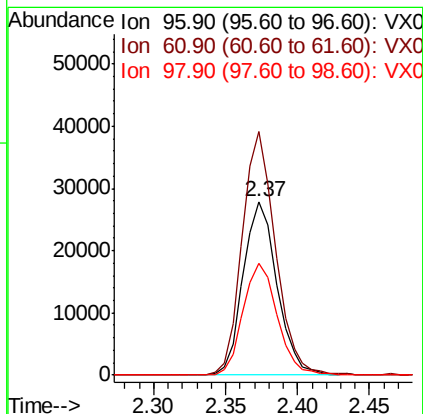
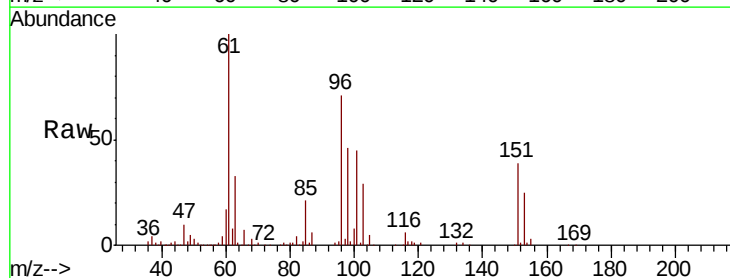
Tot Ion: 59 Resp: 66516
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

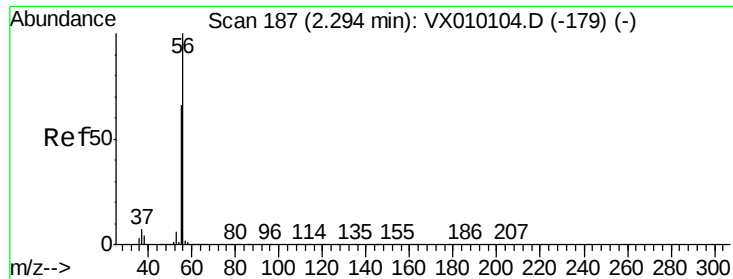


#12

1,1-Dichloroethene
 Concen: 16.553 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion: 96 Resp: 45512
 Ion Ratio Lower Upper
 96 100
 61 140.6 140.7 211.1#
 98 64.2 50.1 75.1





#13

Acrolein

Concen: 55.602 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

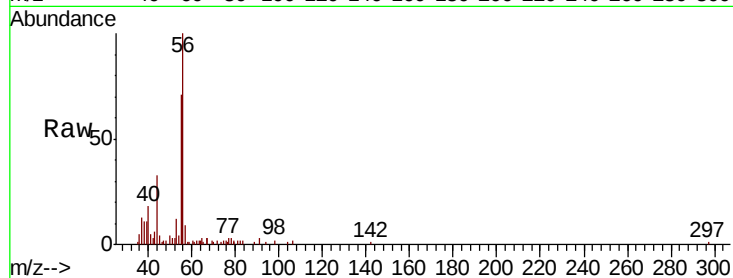
ClientSampleId :

Tot Ion: 56 Resp: 7421

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4

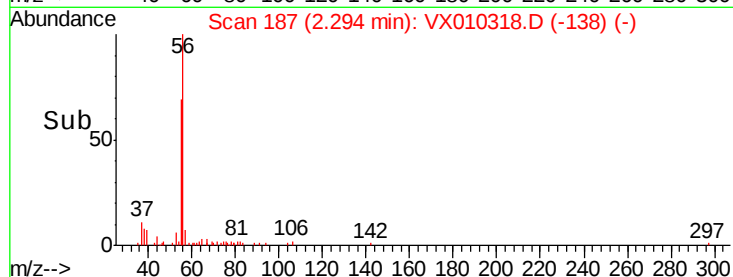


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->

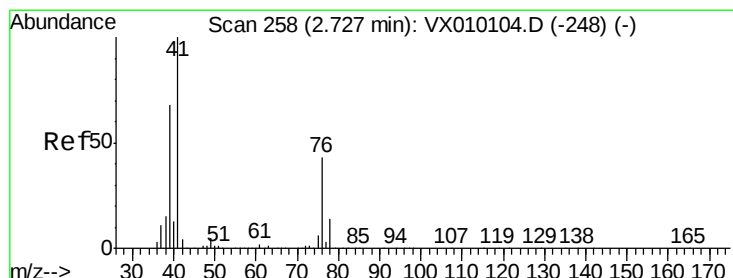


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#14

Allyl chloride

Concen: 16.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

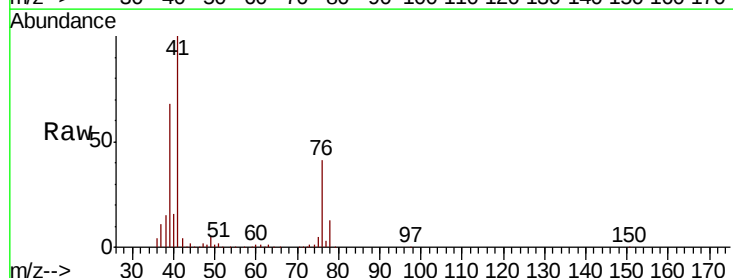
Tgt Ion: 41 Resp: 67662

Ion Ratio Lower Upper

41 100

39 61.4 46.7 70.1

76 39.1 21.0 31.4#



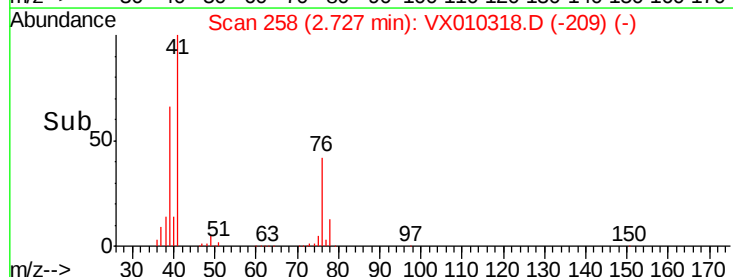
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->



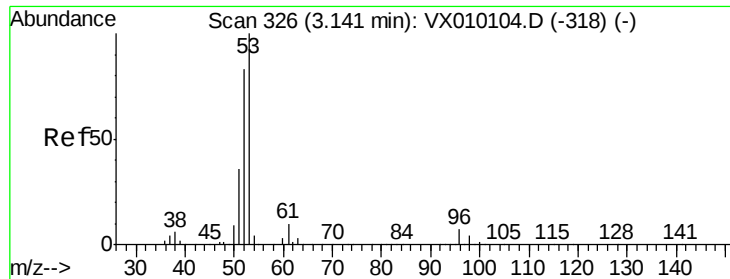
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

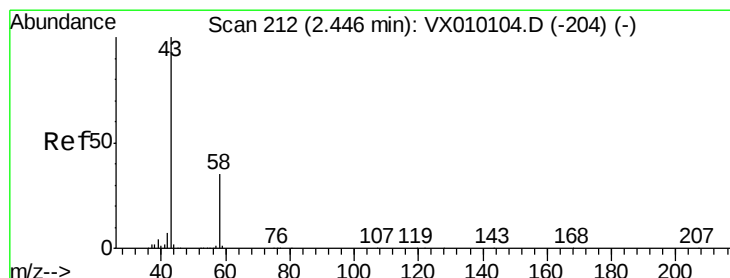
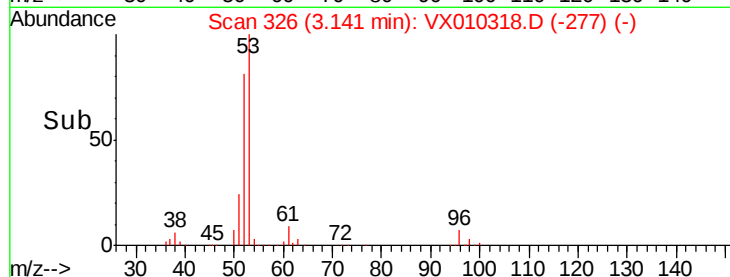
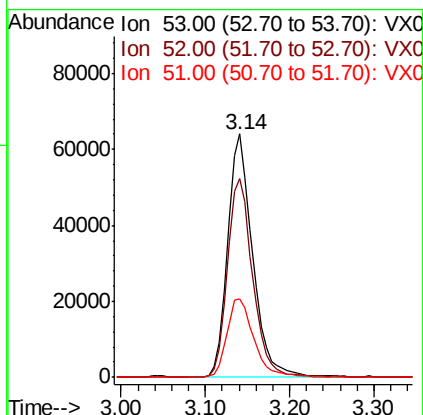
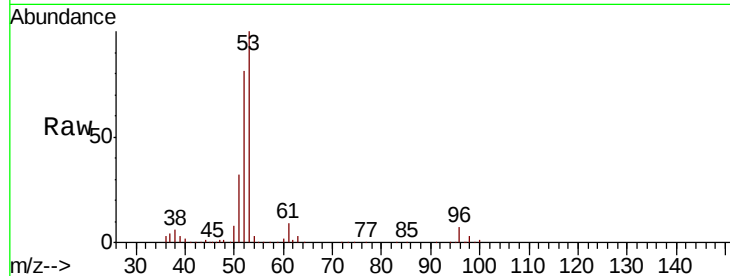
Time-->



#15
 Acrylonitrile
 Concen: 86.110 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

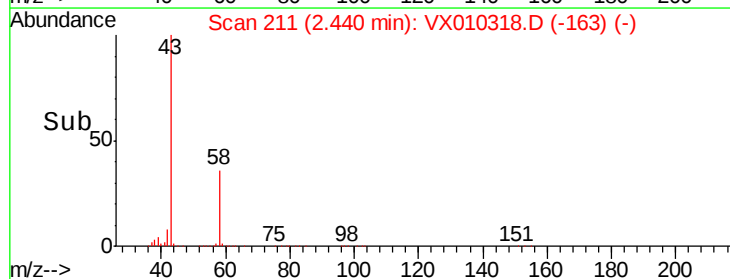
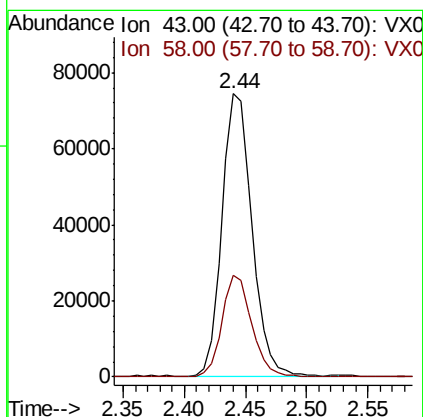
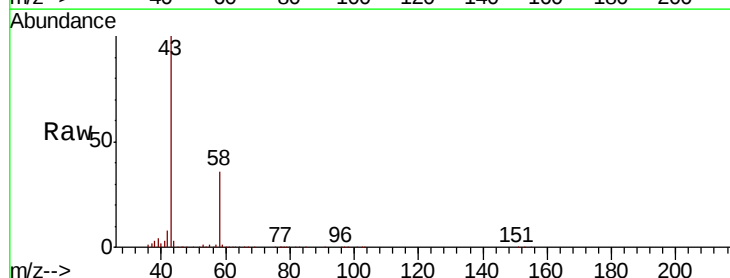
Instrument :
 MSVOA_X
 ClientSampleId :

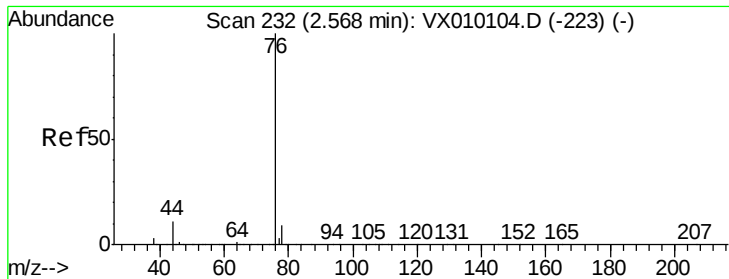
Tot Ion	53	Resp	128830
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	34.5	28.8	43.2



#16
 Acetone
 Concen: 89.928 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	43	Resp	126380
Ion	Ratio	Lower	Upper
43	100		
58	35.8	23.2	34.8#





#17

Carbon Disulfide

Concen: 13.998 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

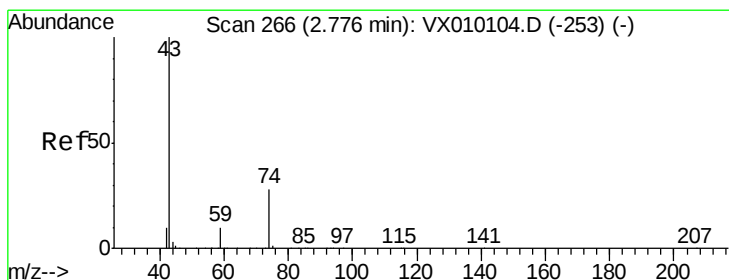
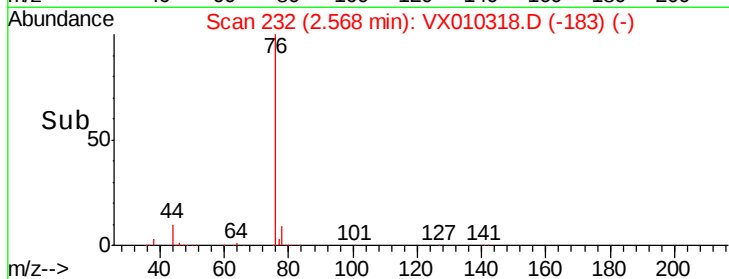
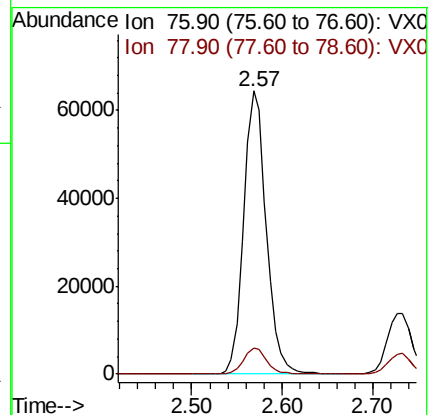
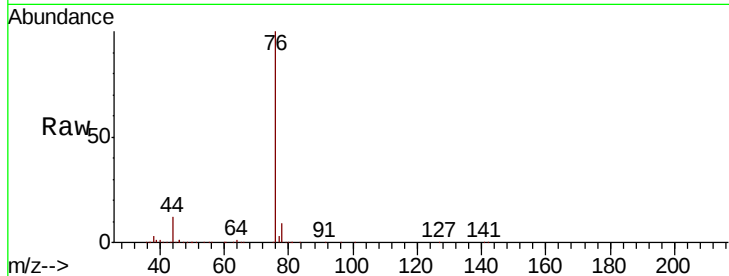
ClientSampleId :

Tot Ion: 76 Resp: 111204

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 17.945 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010318.D

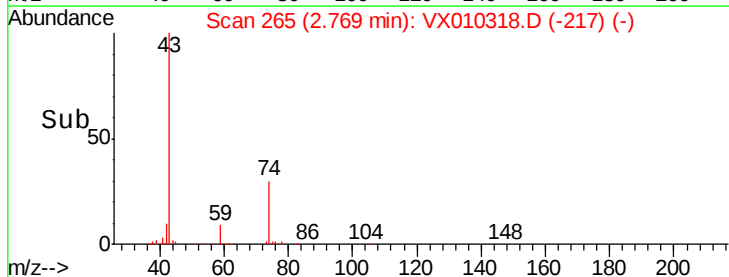
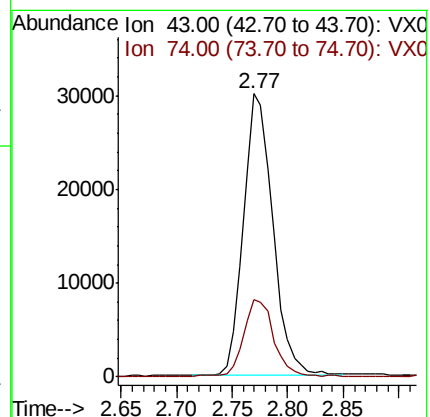
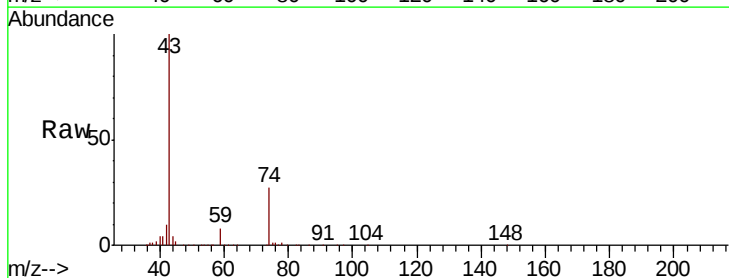
Acq: 17 Jun 2019 12:49

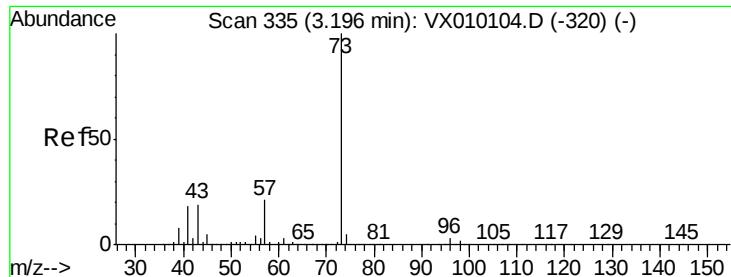
Tgt Ion: 43 Resp: 55463

Ion Ratio Lower Upper

43 100

74 28.8 15.8 23.6#

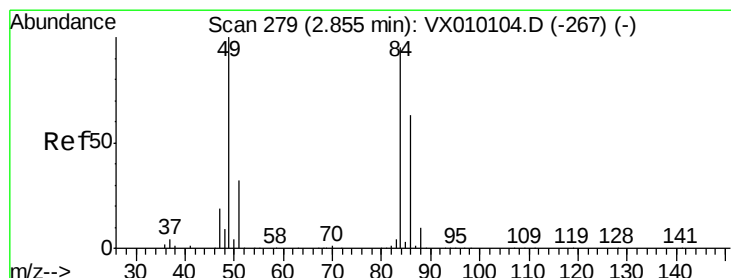
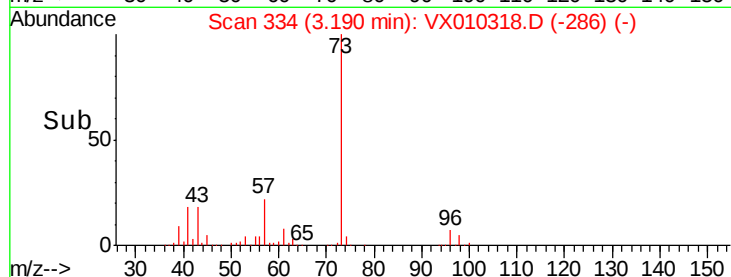
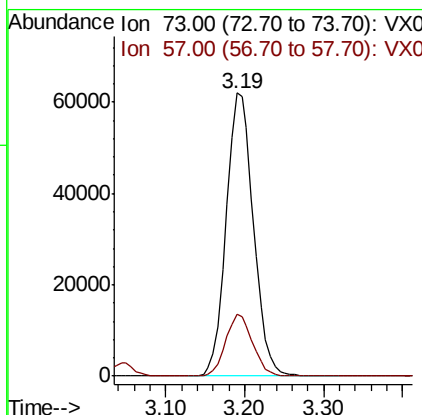
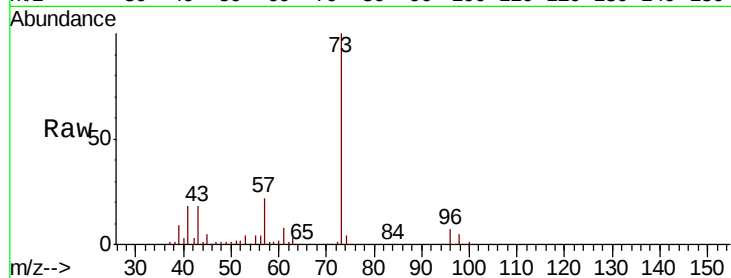




#19
Methyl tert-butyl Ether
Concen: 16.869 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

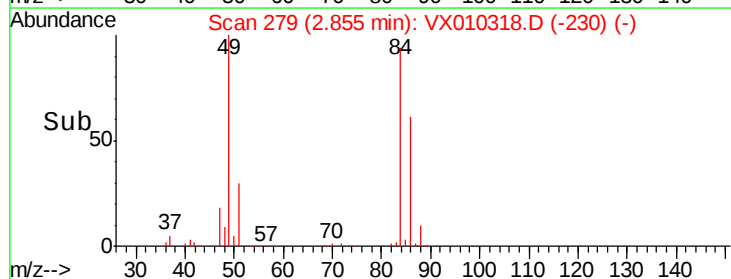
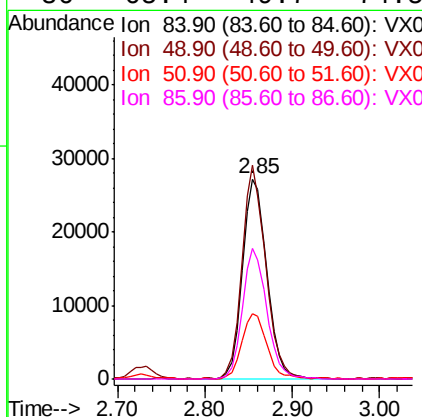
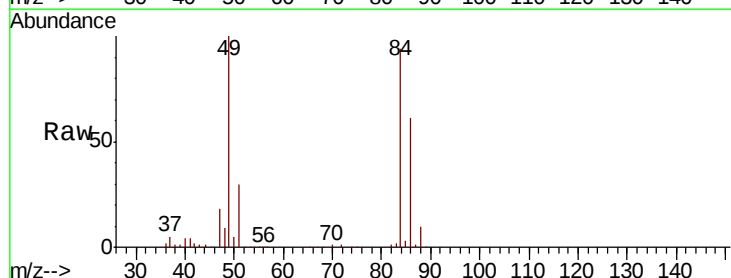
Instrument :
MSVOA_X
ClientSampleId :

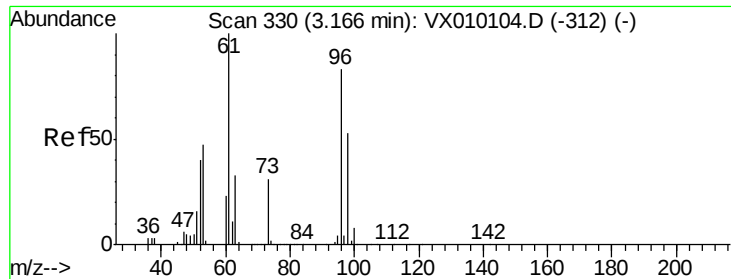
Tot Ion: 73 Resp: 149007
Ion Ratio Lower Upper
73 100
57 21.9 19.4 29.2



#20
Methylene Chloride
Concen: 17.104 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 84 Resp: 52788
Ion Ratio Lower Upper
84 100
49 106.5 115.8 173.6#
51 32.4 34.4 51.6#
86 65.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 15.907 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :

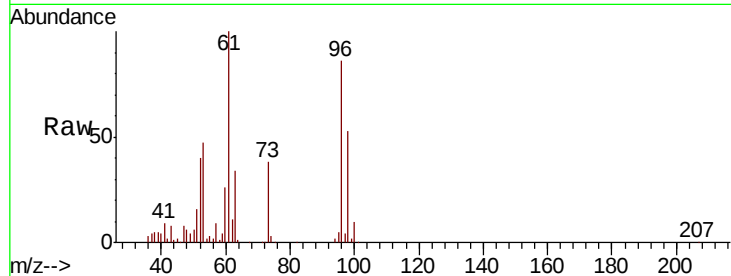
Tot Ion: 96 Resp: 48400

Ion Ratio Lower Upper

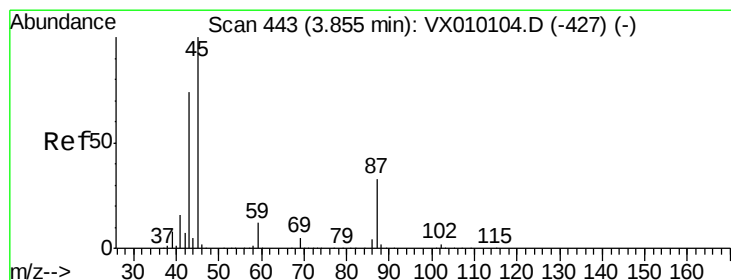
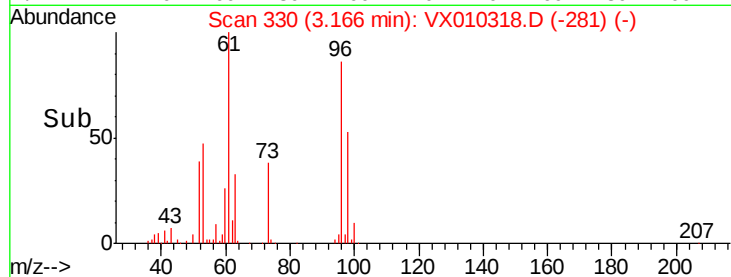
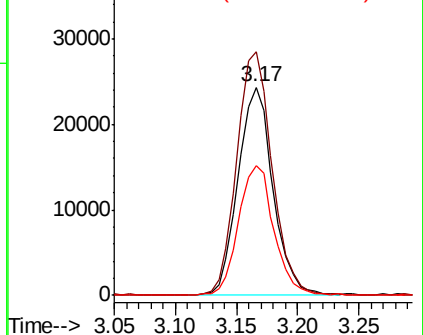
96 100

61 116.9 125.7 188.5#

98 62.4 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: 17.669 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion: 45 Resp: 140208

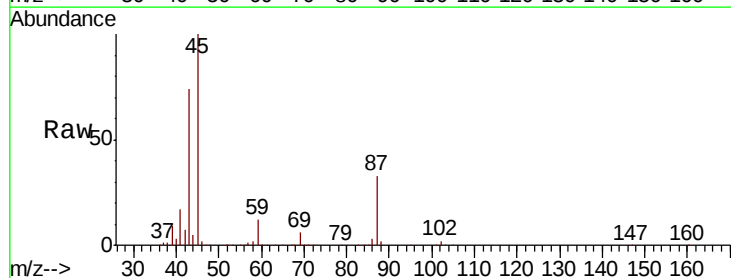
Ion Ratio Lower Upper

45 100

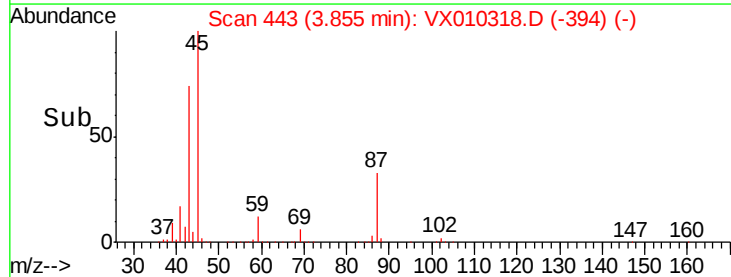
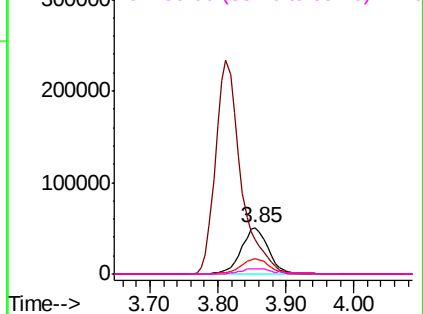
43 73.5 65.0 97.4

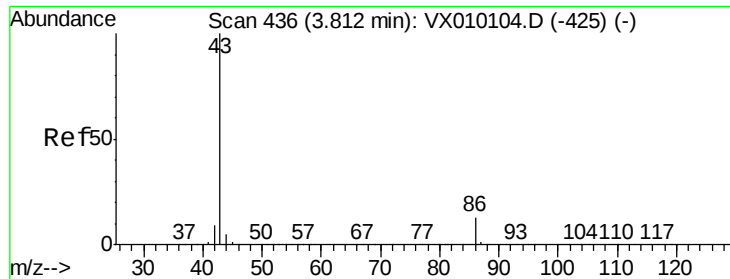
87 32.6 17.3 25.9#

59 11.9 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: 85.680 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

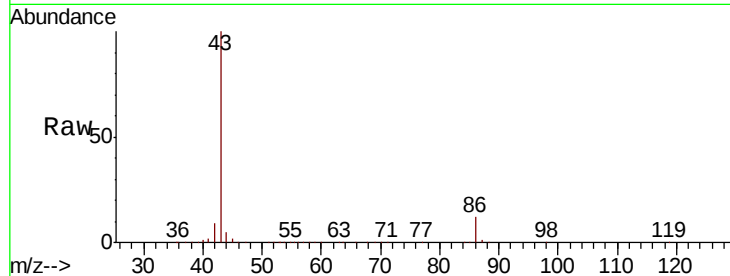
ClientSampled :

Tot Ion: 43 Resp: 606523

Ion Ratio Lower Upper

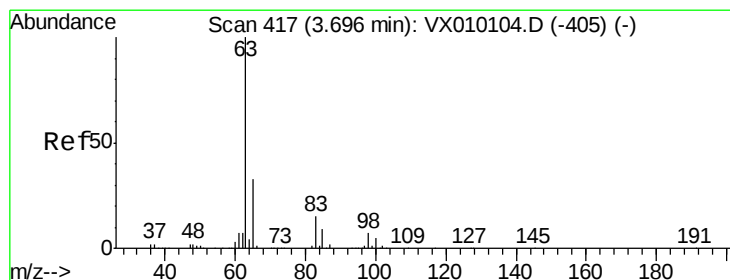
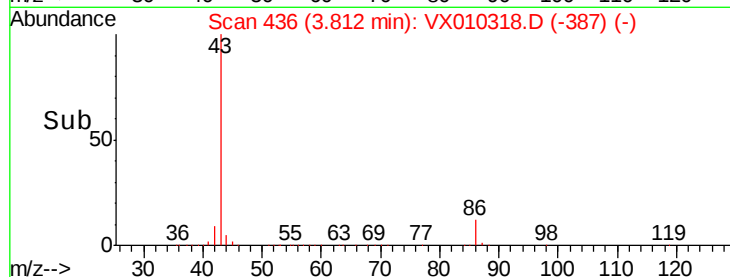
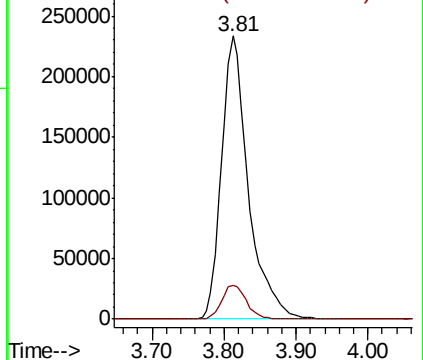
43 100

86 12.1 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.639 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

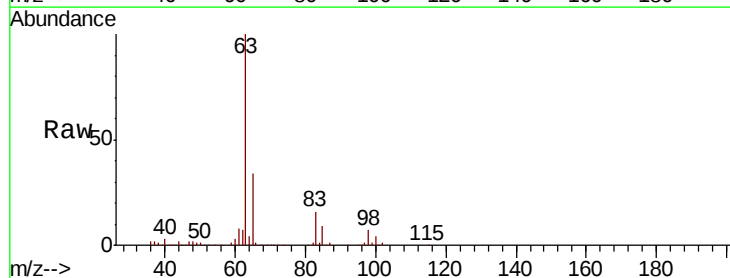
Tgt Ion: 63 Resp: 80163

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.8

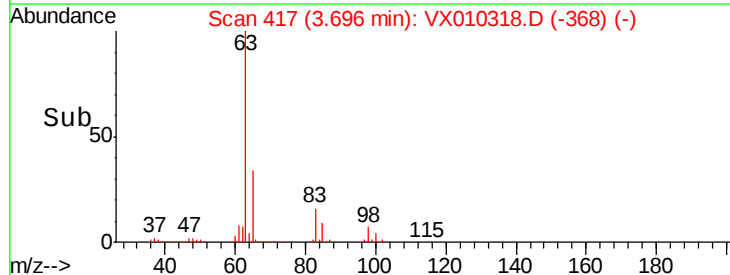
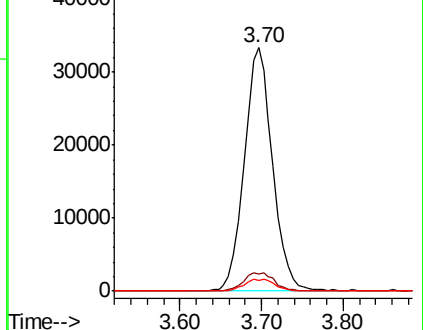
100 4.4 1.8 5.4

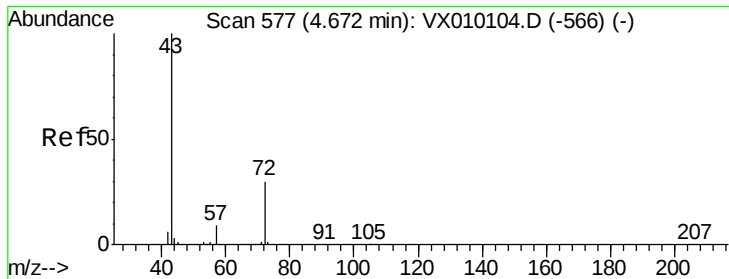


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.454 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

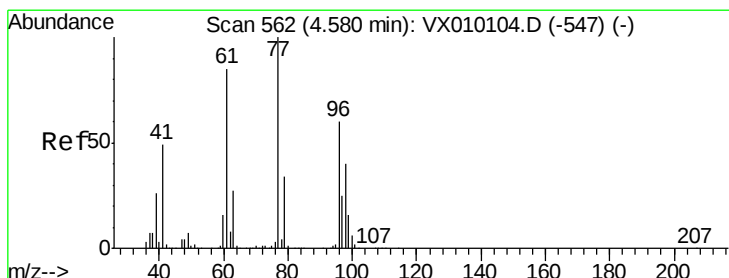
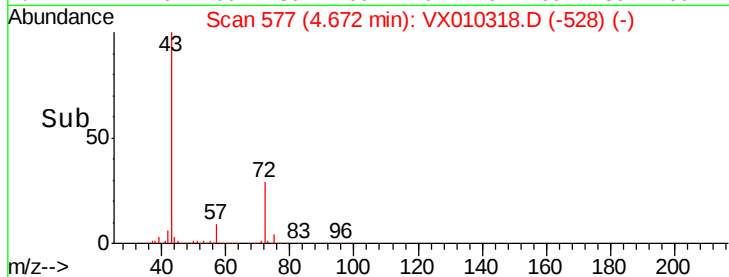
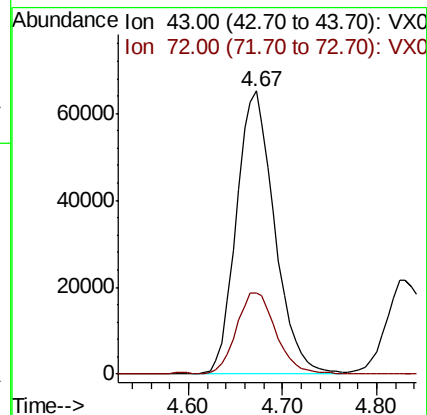
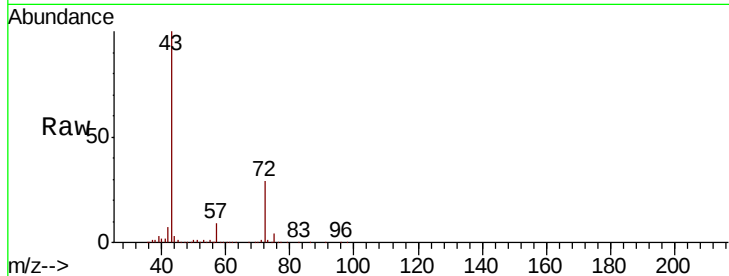
ClientSampled :

Tot Ion: 43 Resp: 183014

Ion Ratio Lower Upper

43 100

72 28.4 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 16.466 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010318.D

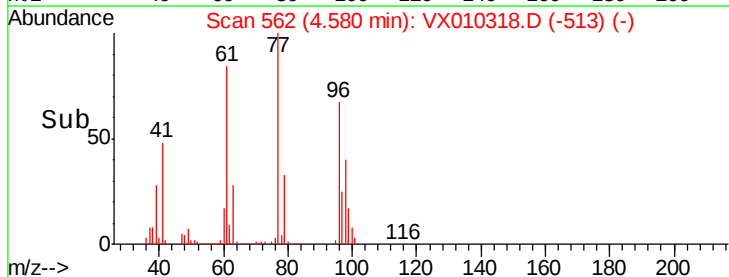
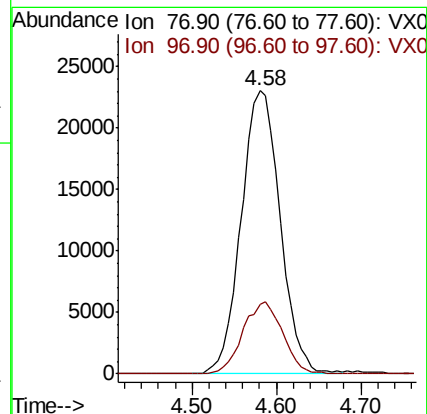
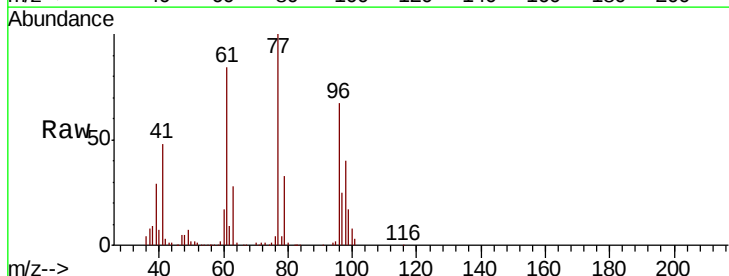
Acq: 17 Jun 2019 12:49

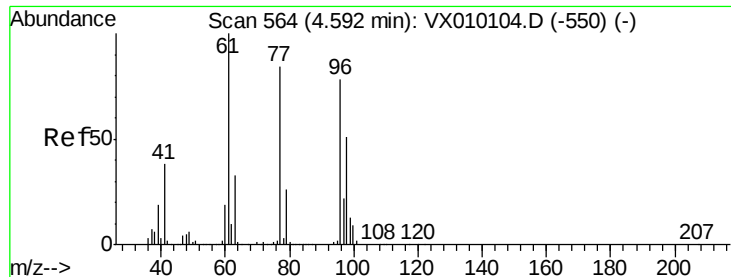
Tgt Ion: 77 Resp: 72372

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2



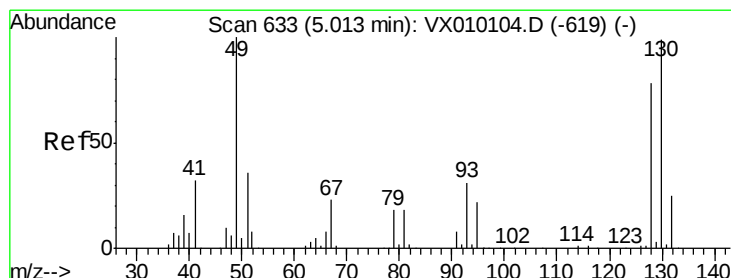
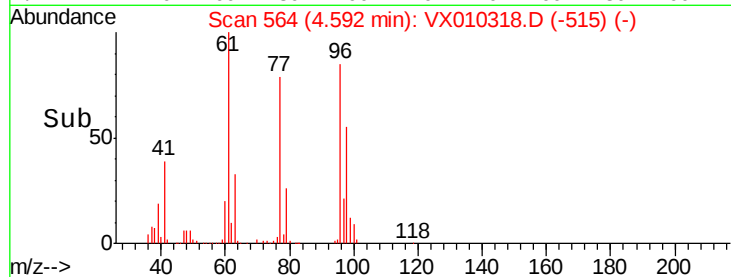
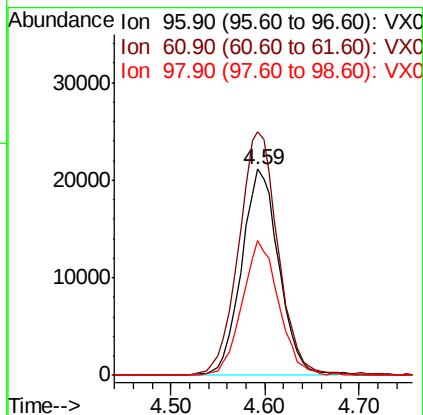
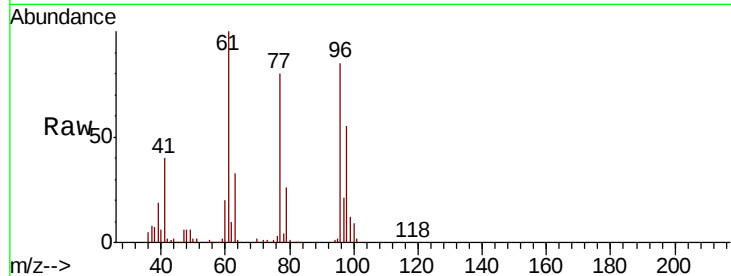


#27

cis-1,2-Dichloroethene
 Concen: 17.302 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :

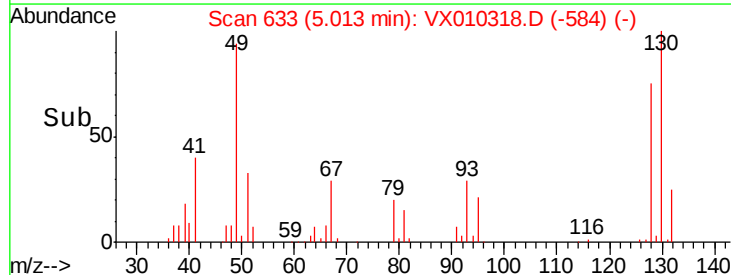
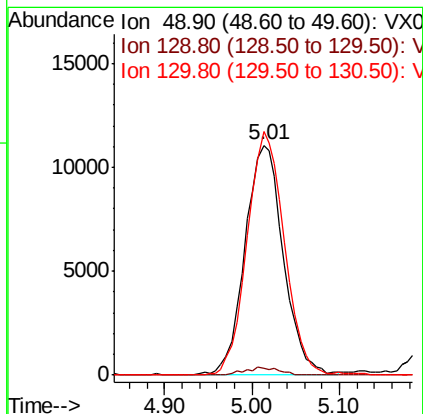
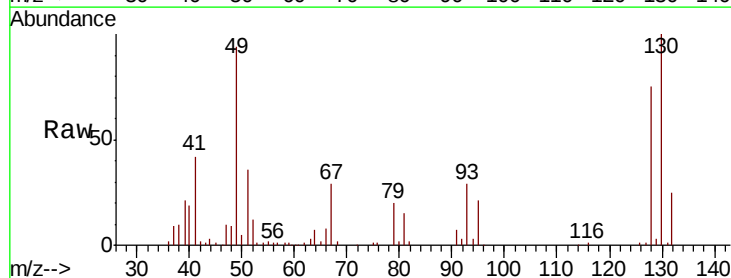
Tot Ion	96	Resp	58568
Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	334.0
98	64.6	0.0	131.6

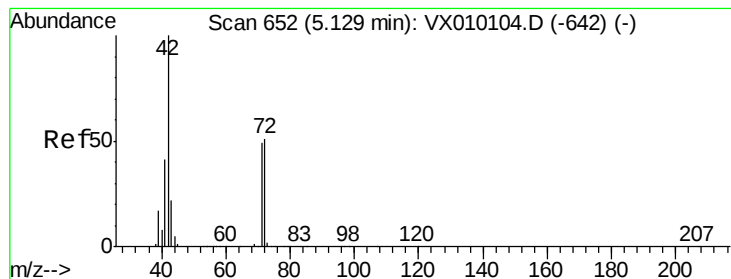


#28

Bromochloromethane
 Concen: 15.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	49	Resp	33812
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	102.4	49.4	74.2#





#29

Tetrahydrofuran

Concen: 84.879 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

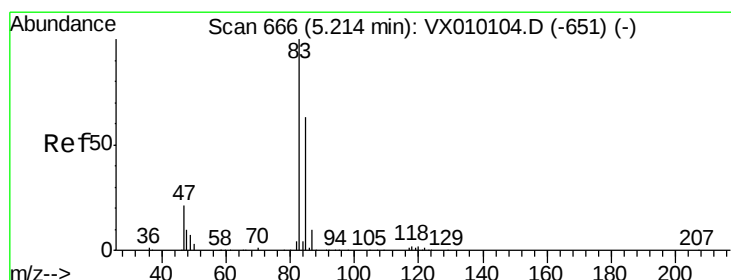
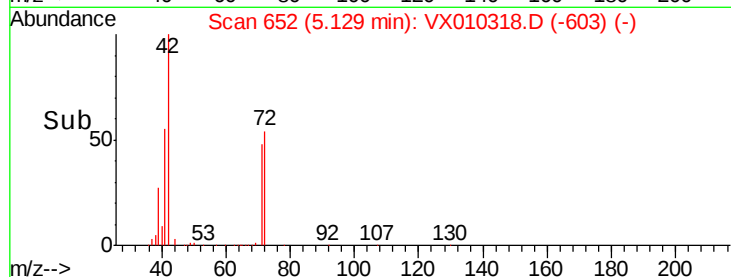
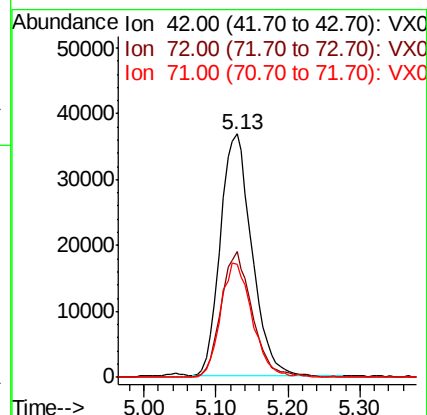
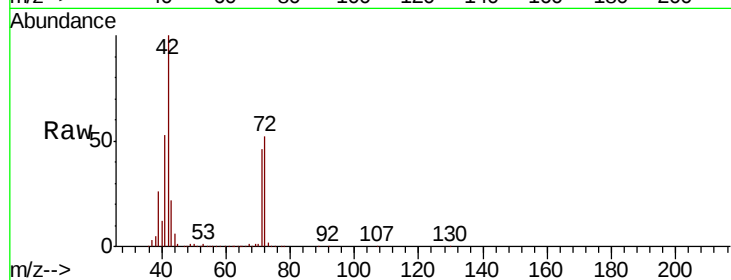
Tot Ion: 42 Resp: 111629

Ion Ratio Lower Upper

42 100

72 51.7 29.2 43.8#

71 47.5 27.6 41.4#



#30

Chloroform

Concen: 17.392 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010318.D

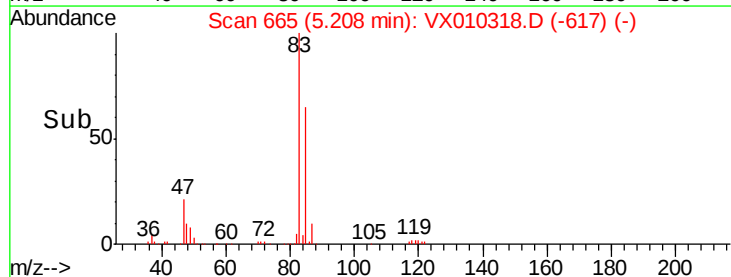
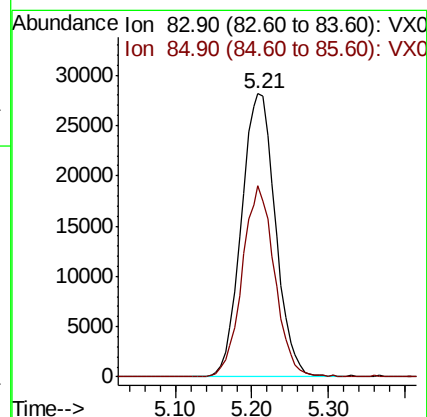
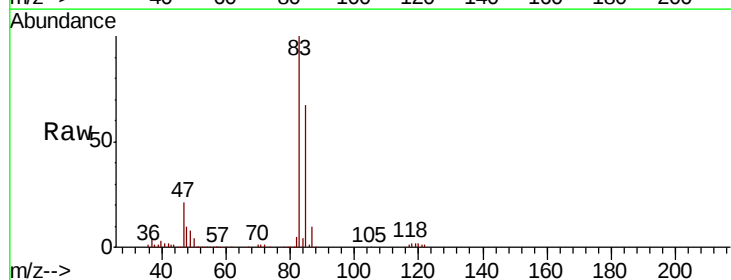
Acq: 17 Jun 2019 12:49

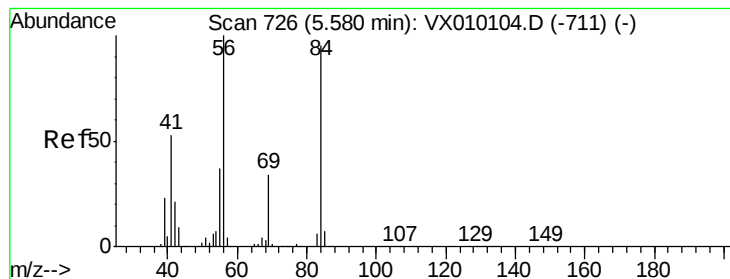
Tgt Ion: 83 Resp: 87022

Ion Ratio Lower Upper

83 100

85 67.5 52.6 78.8





#31

Cyclohexane

Concen: 16.557 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

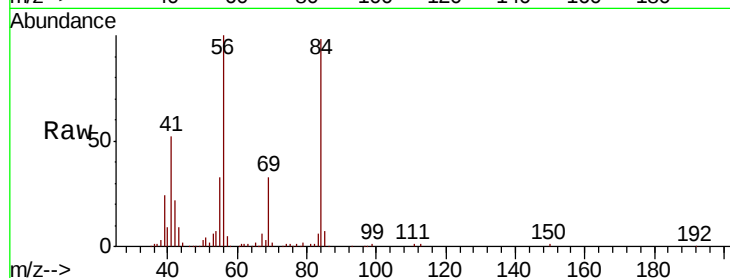
Tot Ion: 56 Resp: 71992

Ion Ratio Lower Upper

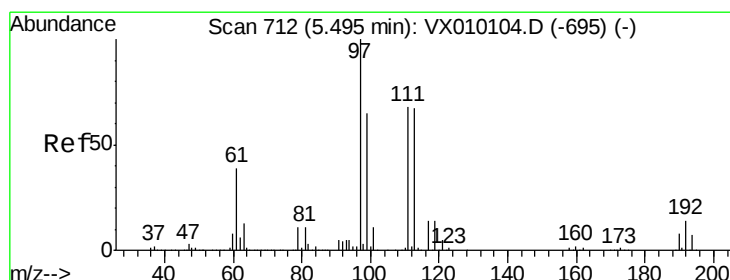
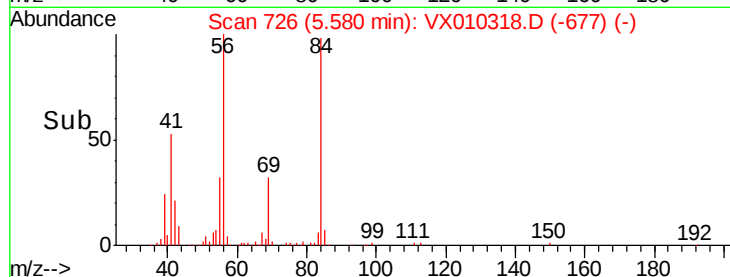
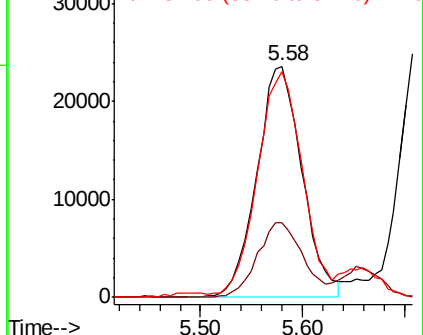
56 100

69 32.6 21.6 32.4#

84 96.0 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: 16.552 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

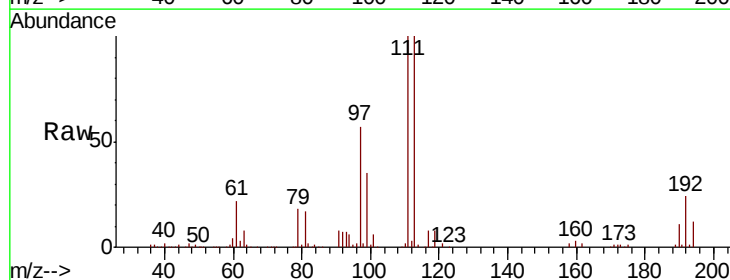
Tgt Ion: 97 Resp: 77857

Ion Ratio Lower Upper

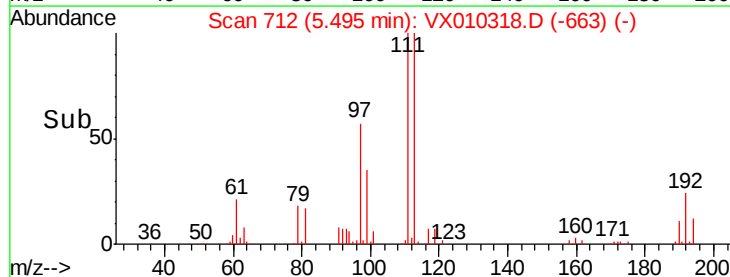
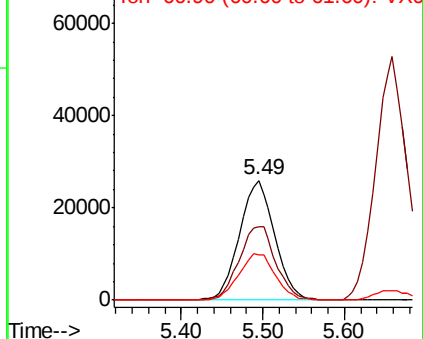
97 100

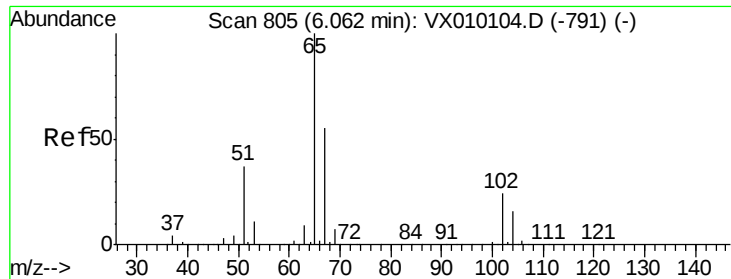
99 64.1 51.0 76.4

61 40.8 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

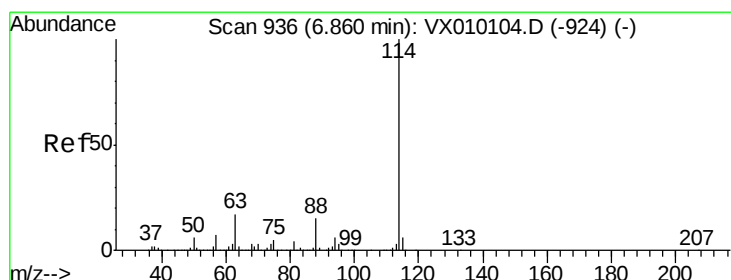
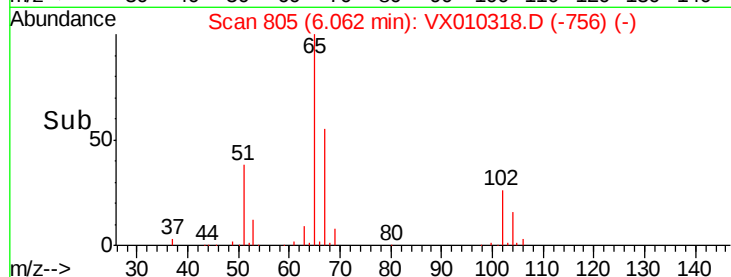
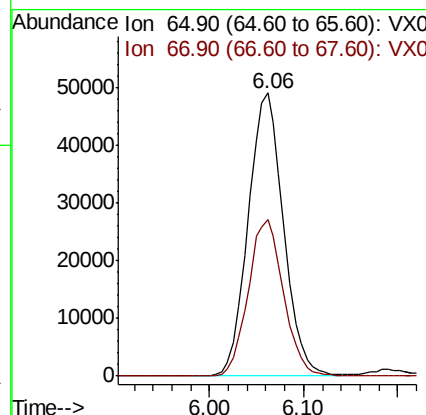
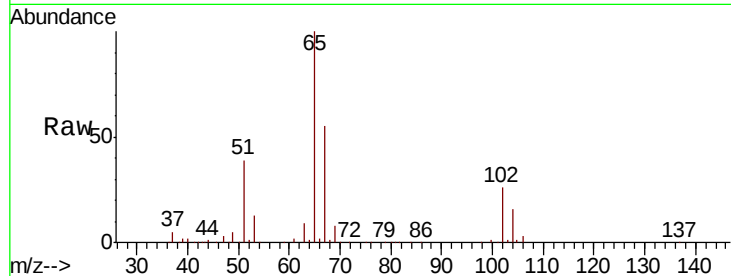




#33
 1,2-Dichloroethane-d4
 Concen: 43.190 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

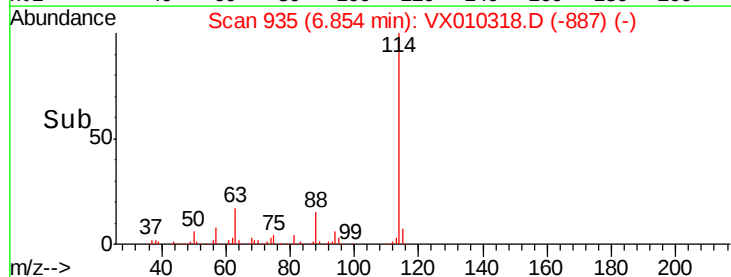
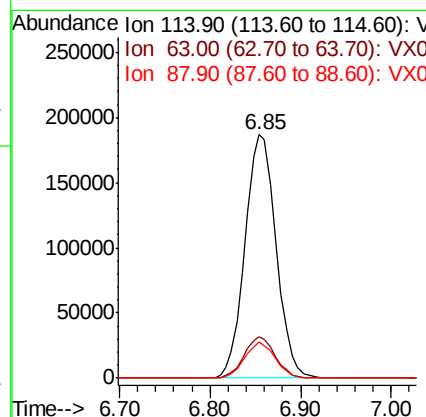
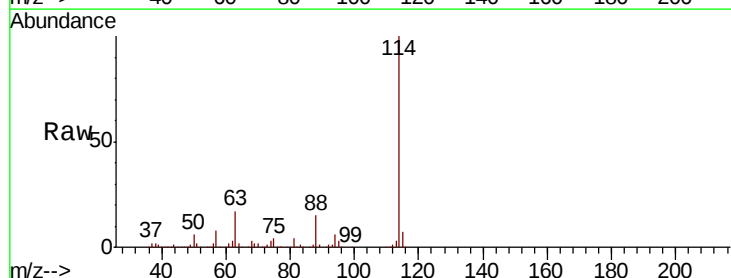
Instrument :
 MSVOA_X
 ClientSampled :

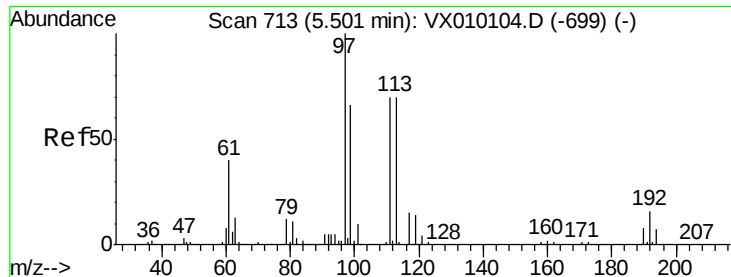
Tot Ion: 65 Resp: 129049
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion: 114 Resp: 442724
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 47.4
 88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.677 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

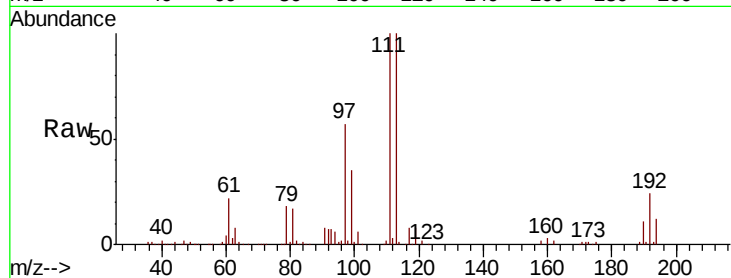
Tot Ion:113 Resp: 130198

Ion Ratio Lower Upper

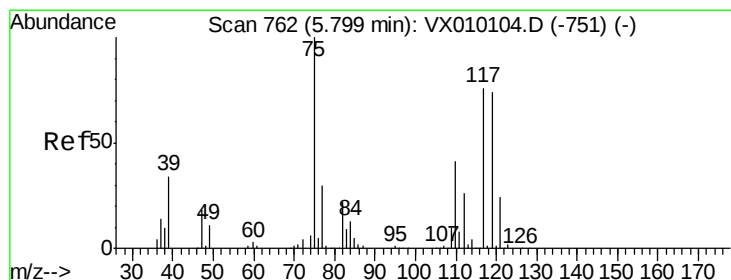
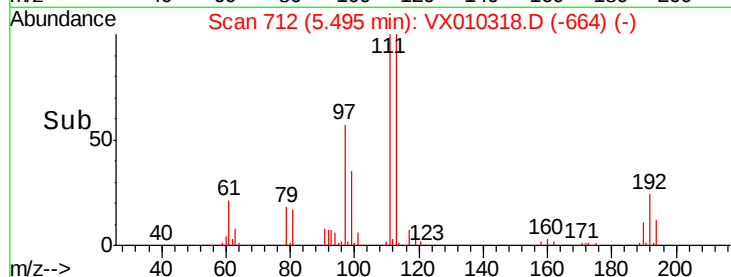
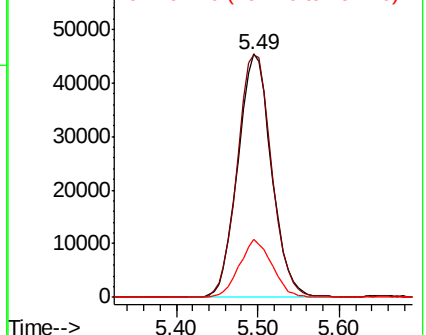
113 100

111 101.9 82.2 123.2

192 23.3 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: 17.074 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

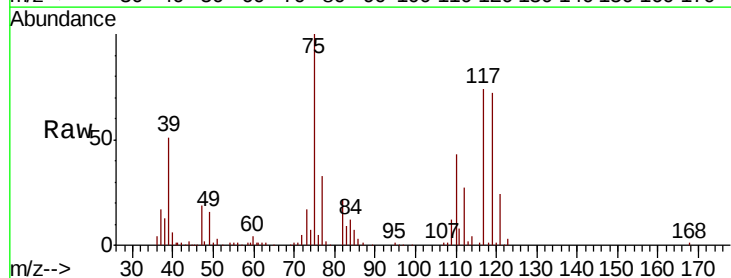
Tgt Ion: 75 Resp: 61669

Ion Ratio Lower Upper

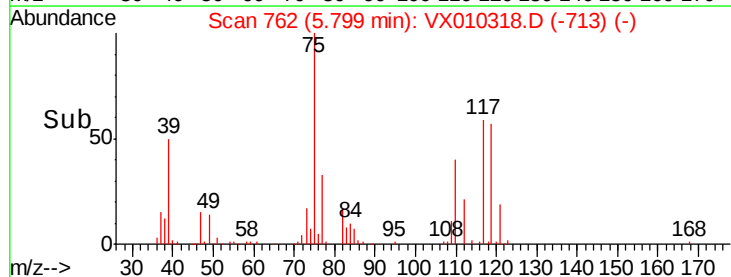
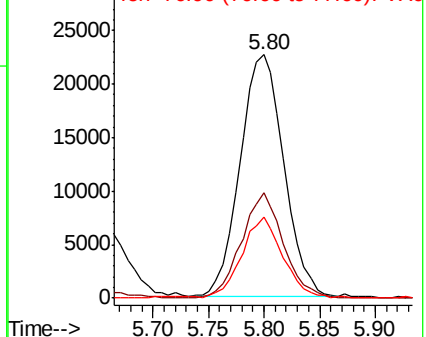
75 100

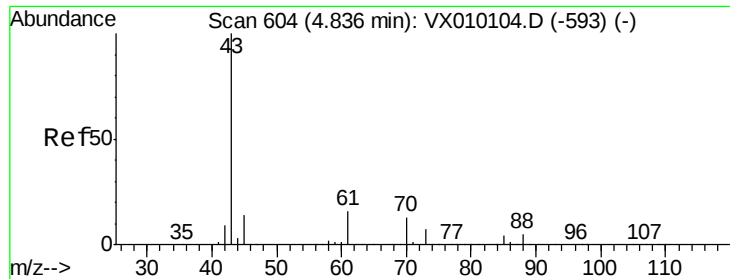
110 41.6 16.7 50.1

77 31.4 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

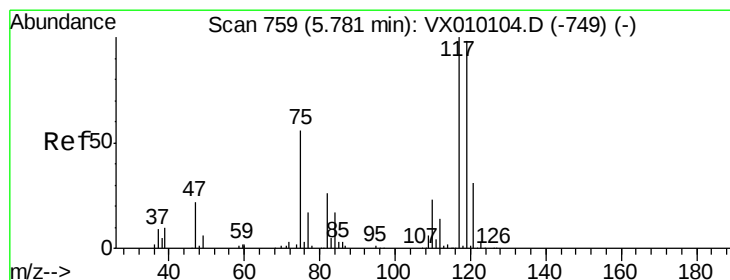
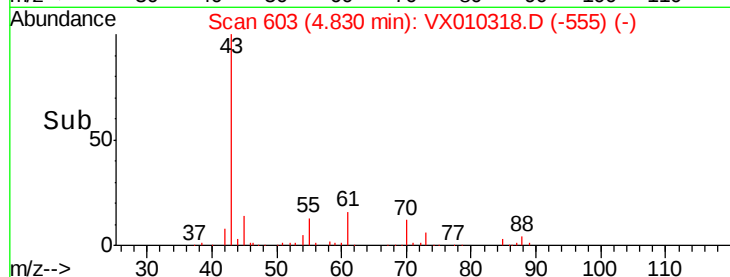
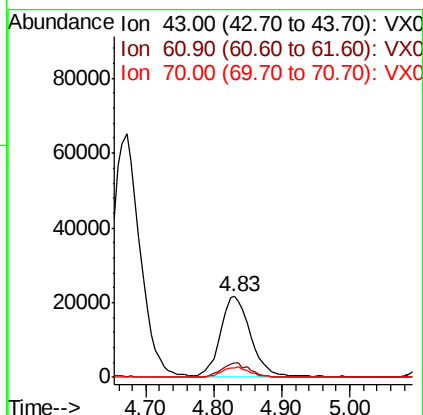
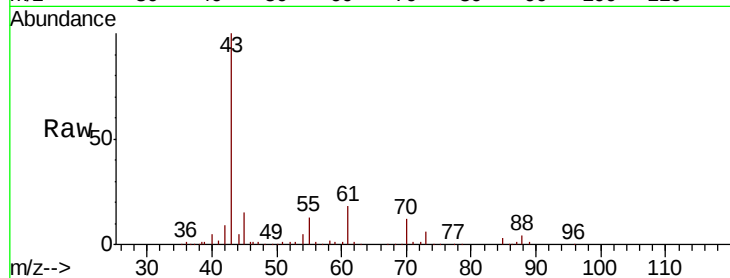




#37
Ethyl Acetate
Concen: 17.545 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

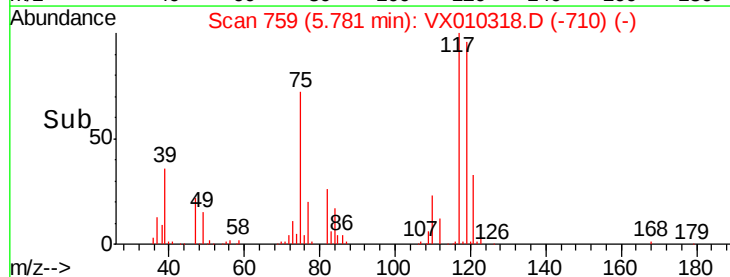
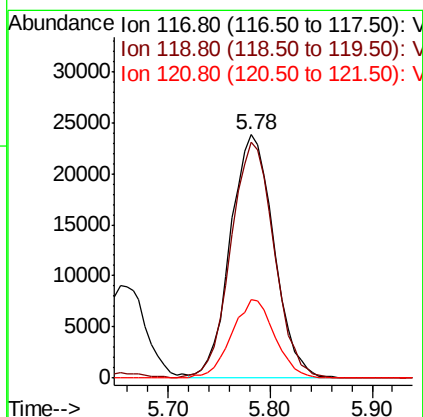
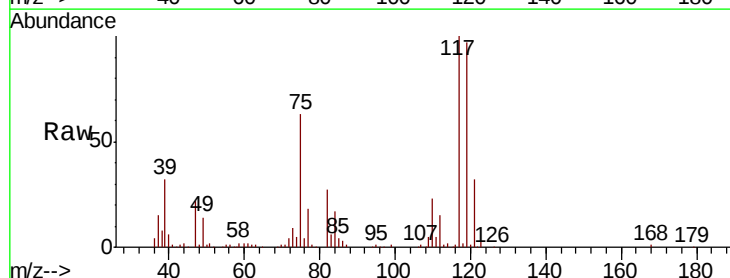
Instrument :
MSVOA_X
ClientSampleId :

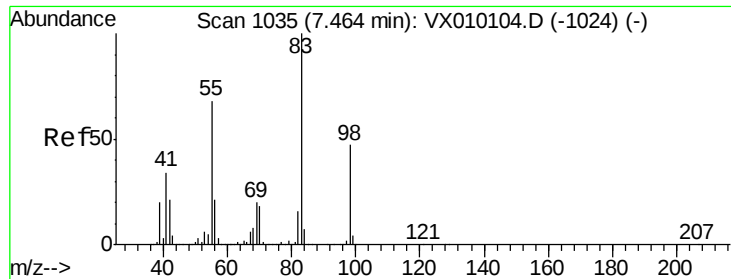
Tot Ion: 43 Resp: 65937
Ion Ratio Lower Upper
43 100
61 17.1 10.2 15.2#
70 12.3 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 17.212 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 117 Resp: 70367
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 32.5 25.4 38.0

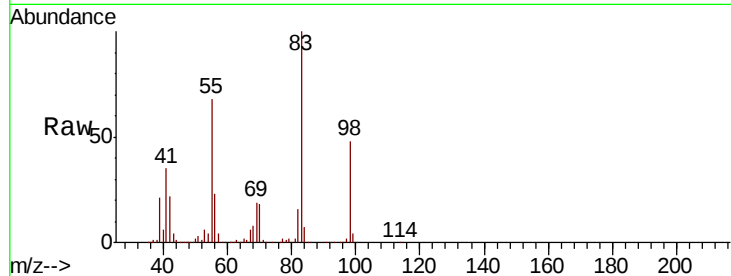




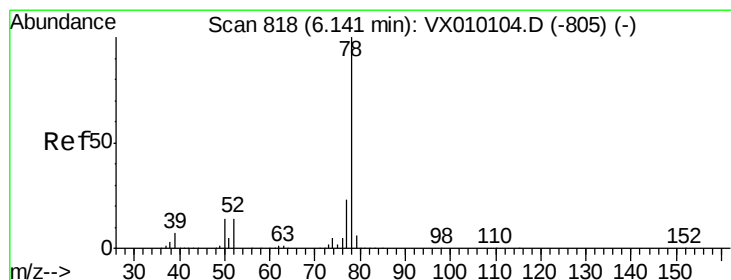
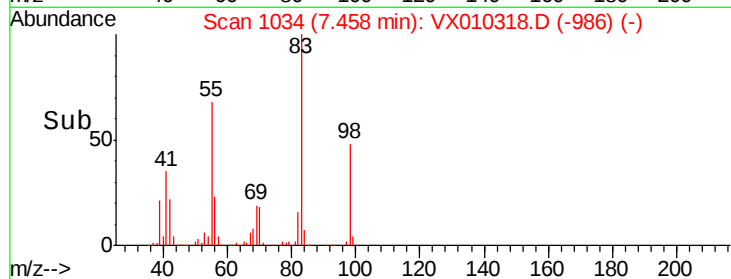
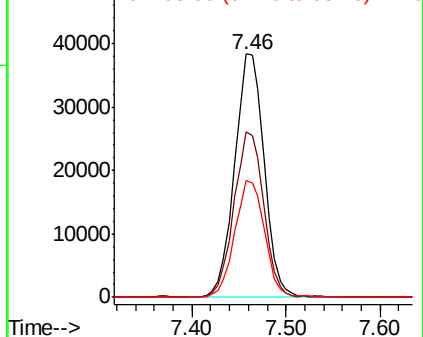
#39
Methvlcvclohexane
Concen: 17.066 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83.00	Resp	83936
Ion Ratio	Lower	Upper	
83	100		
55	68.0	69.9	104.9#
98	48.0	35.1	52.7

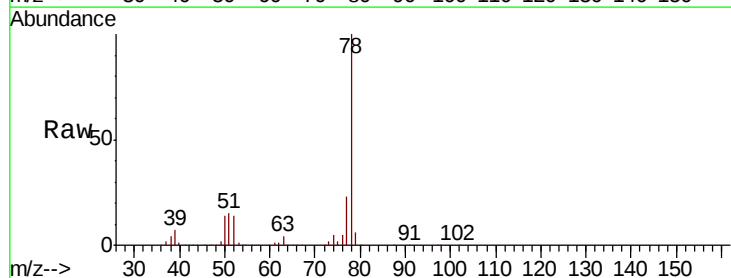


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

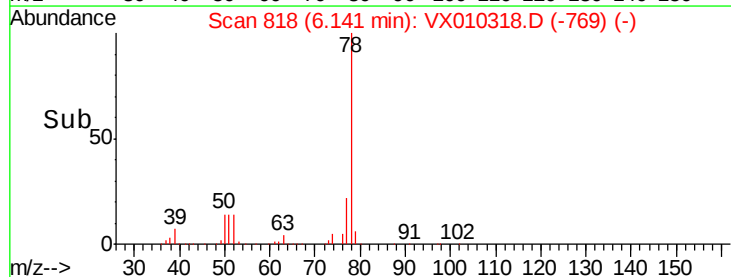
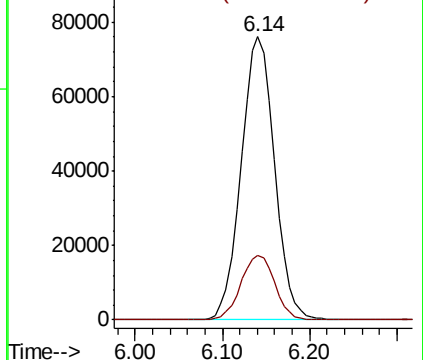


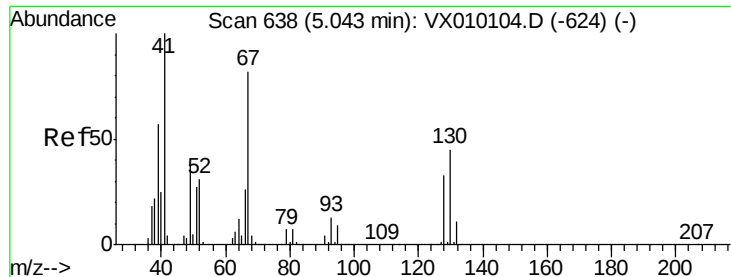
#40
Benzene
Concen: 18.041 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	78.00	Resp	201498
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 17.198 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 34961

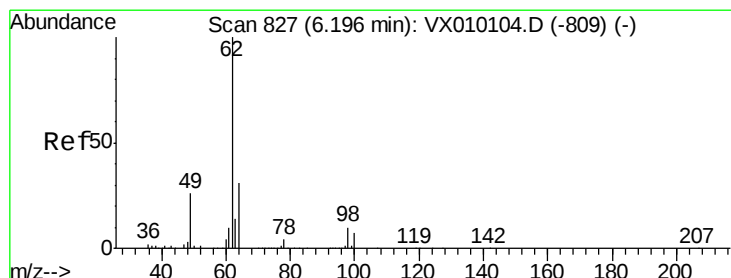
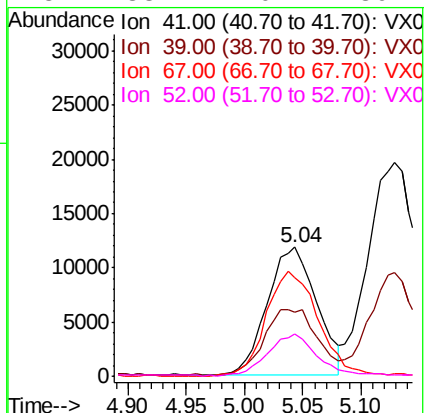
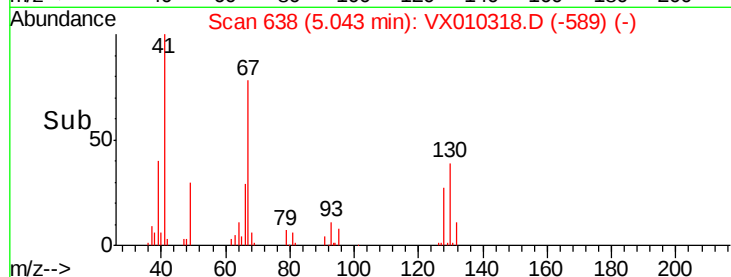
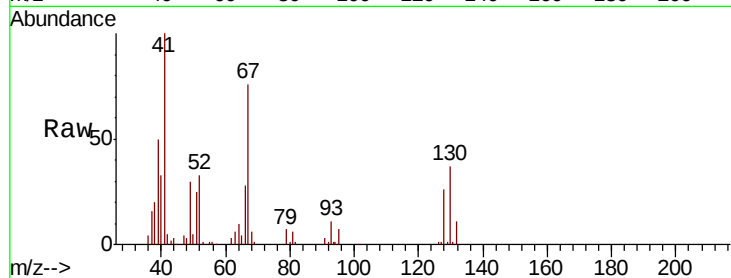
Ion Ratio Lower Upper

41 100

39 55.2 42.2 63.4

67 86.8 48.9 73.3#

52 33.4 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 17.081 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010318.D

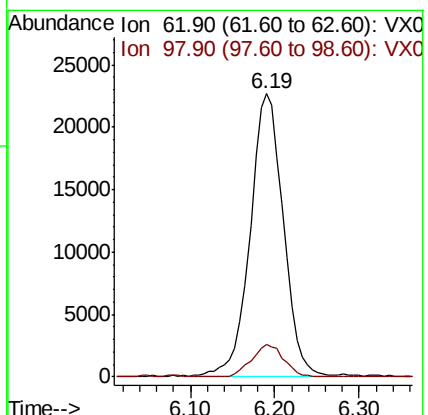
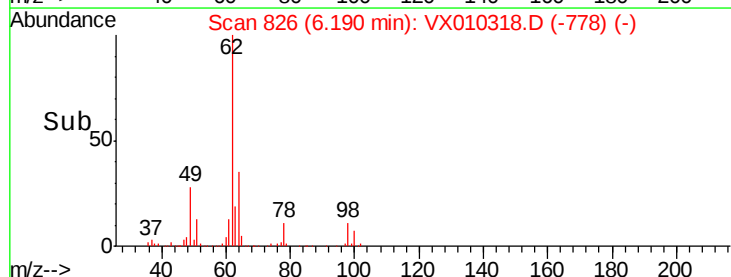
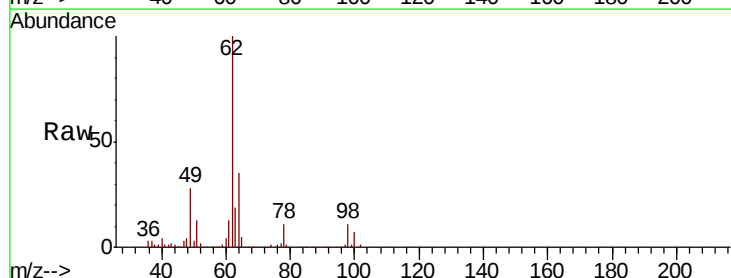
Acq: 17 Jun 2019 12:49

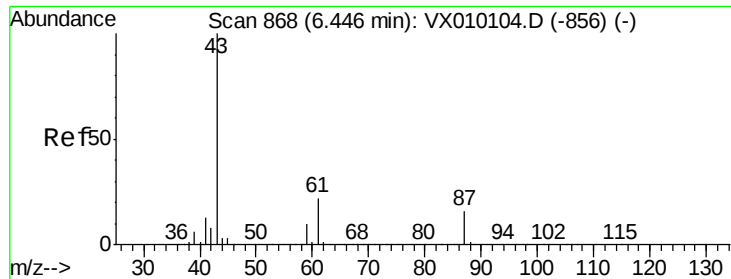
Tgt Ion: 62 Resp: 60905

Ion Ratio Lower Upper

62 100

98 11.1 0.0 17.2





#43

Isopropyl Acetate

Concen: 17.262 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

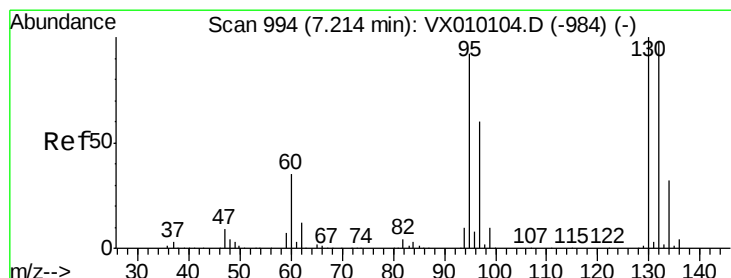
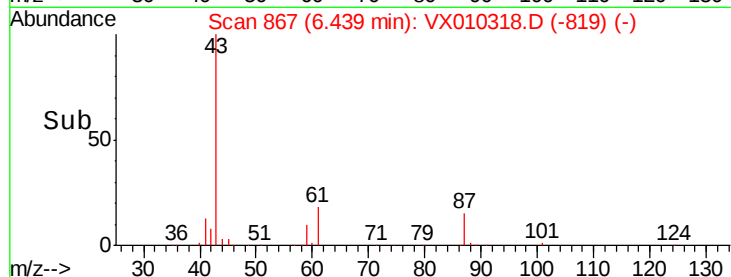
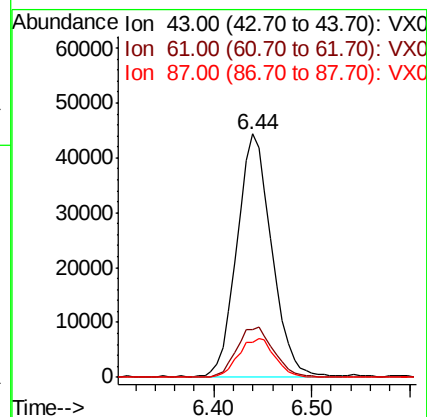
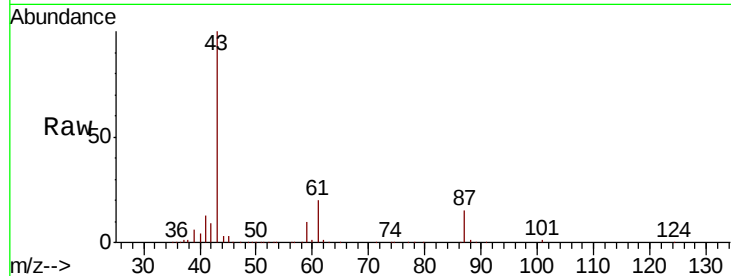
Tot Ion: 43 Resp: 108469

Ion Ratio Lower Upper

43 100

61 22.2 14.6 21.8#

87 16.9 8.7 13.1#



#44

Trichloroethene

Concen: 17.724 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010318.D

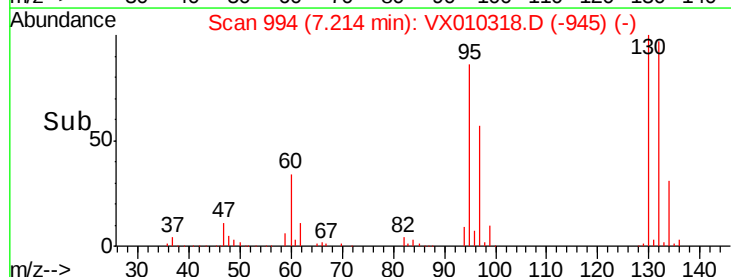
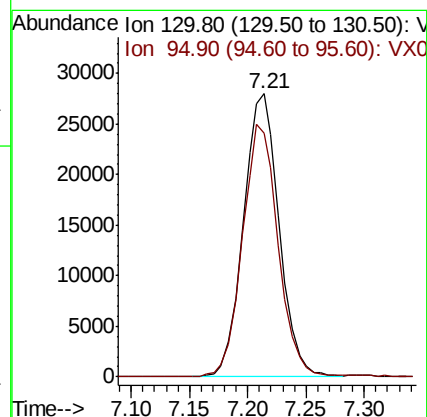
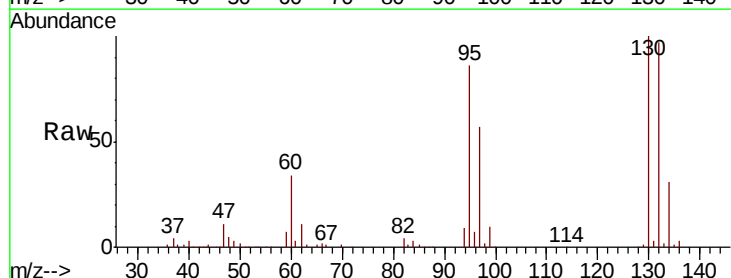
Acq: 17 Jun 2019 12:49

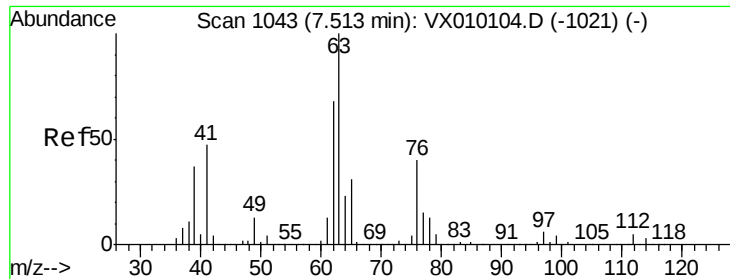
Tgt Ion:130 Resp: 59670

Ion Ratio Lower Upper

130 100

95 86.0 0.0 207.4

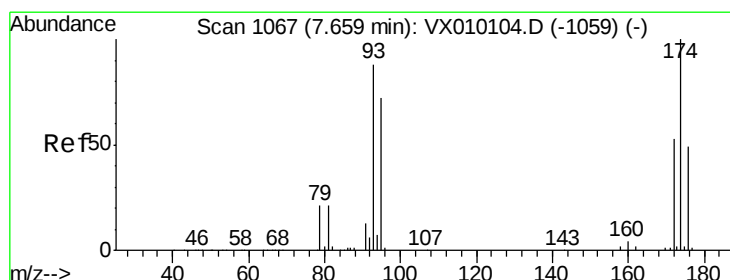
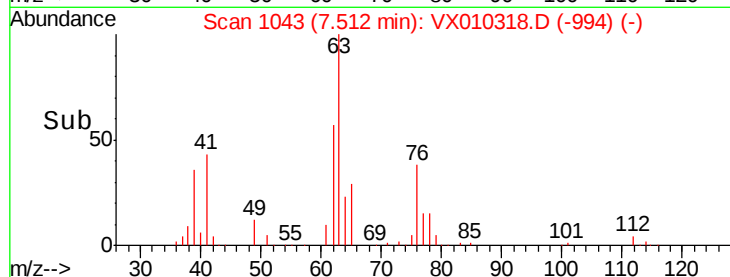
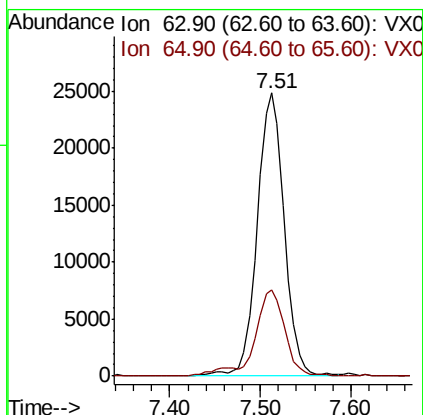
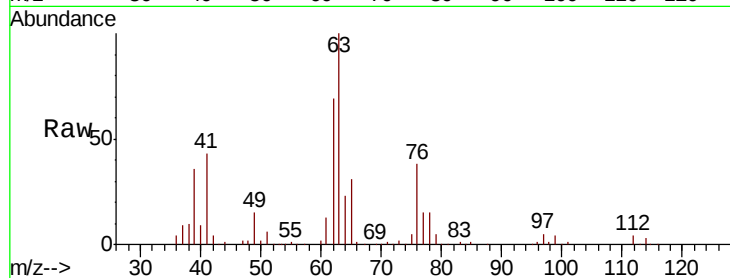




#45
 1,2-Dichloropropane
 Concen: 18.303 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

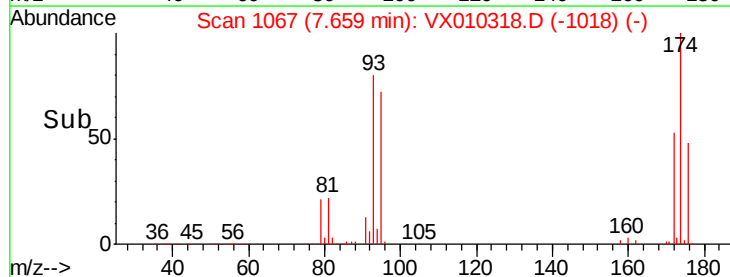
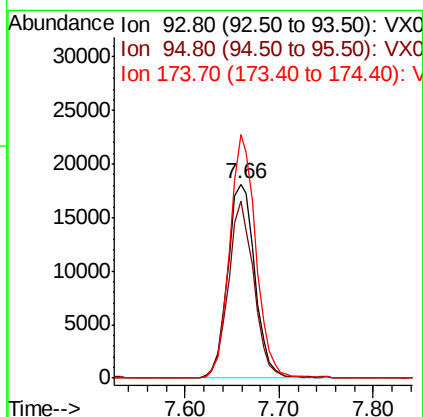
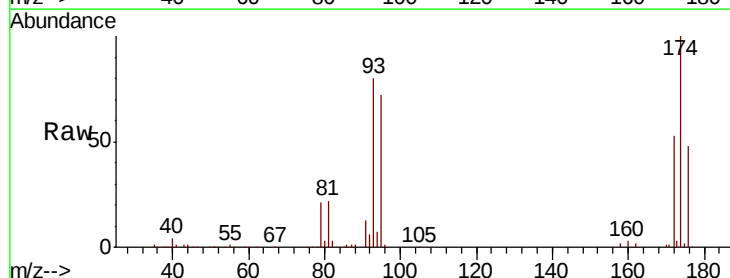
Instrument :
 MSVOA_X
 ClientSampled :

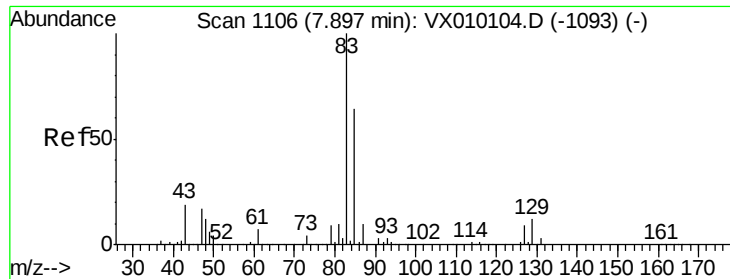
Tot Ion: 63 Resp: 51166
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#46
 Dibromomethane
 Concen: 17.416 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion: 93 Resp: 36475
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.8 100.2
 174 120.0 81.9 122.9





#47

Bromodichloromethane

Concen: 17.350 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

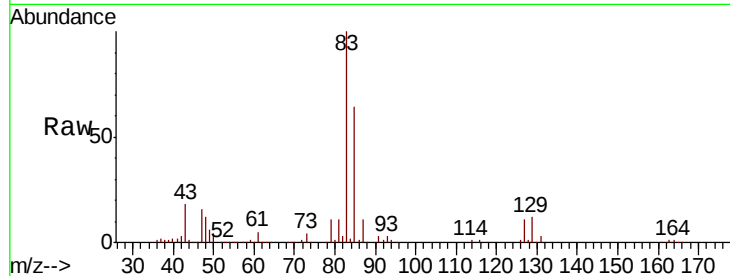
Tot Ion: 83 Resp: 67898

Ion Ratio Lower Upper

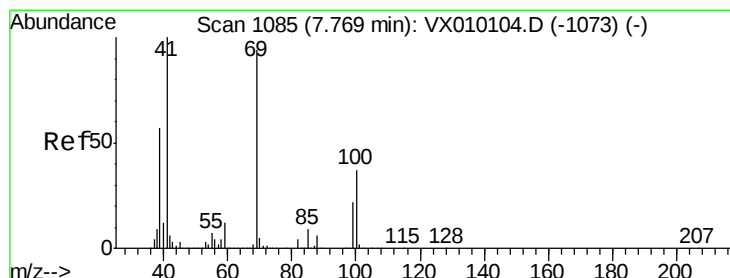
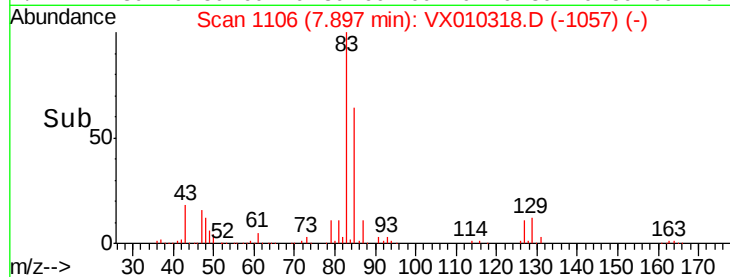
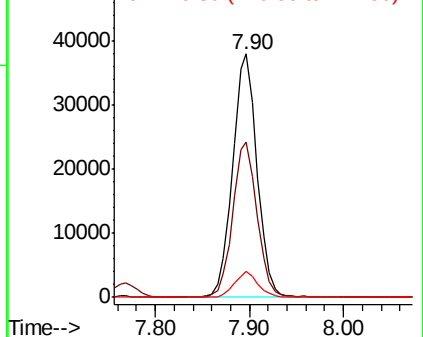
83 100

85 63.6 51.4 77.2

127 10.7 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: 17.830 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

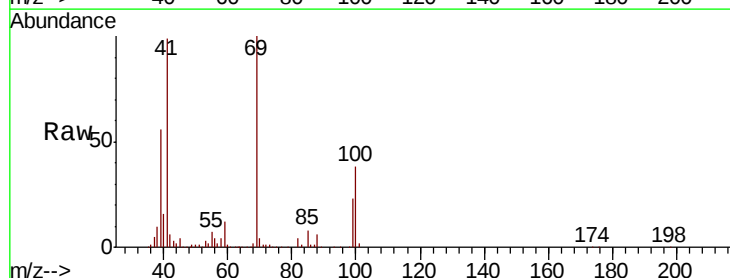
Tgt Ion: 41 Resp: 52396

Ion Ratio Lower Upper

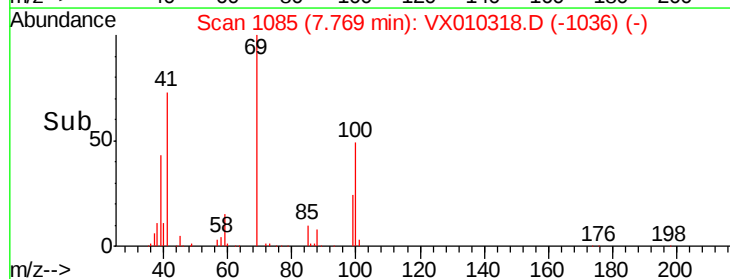
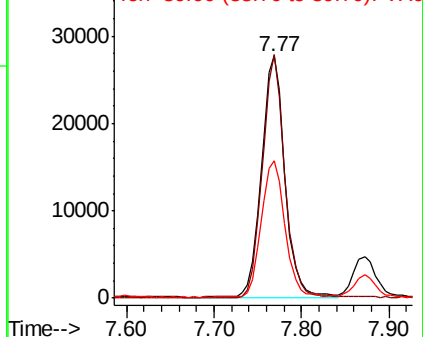
41 100

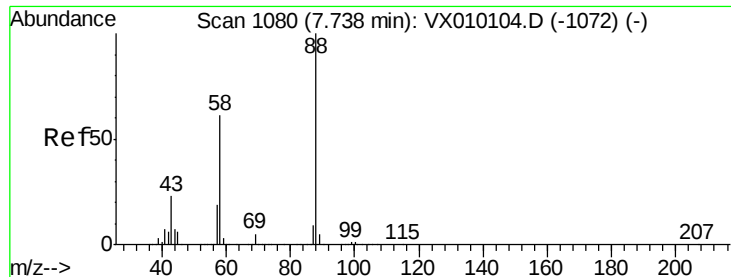
69 95.6 56.4 84.6#

39 55.4 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

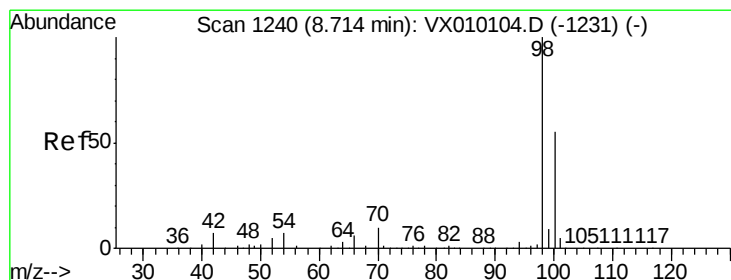
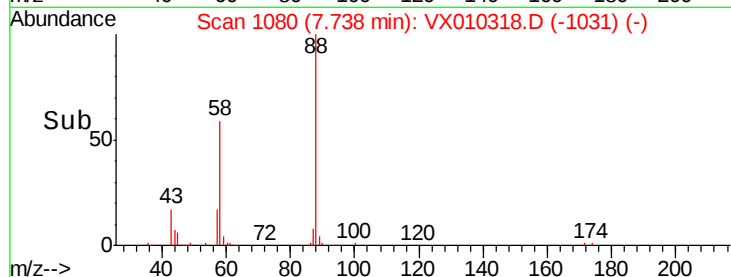
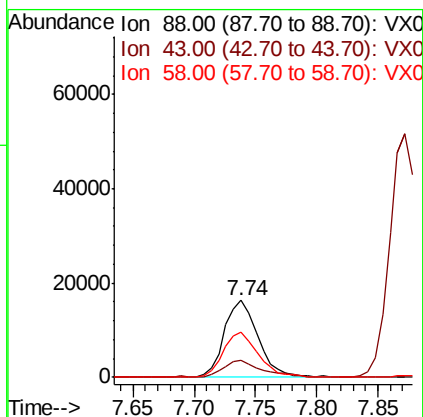
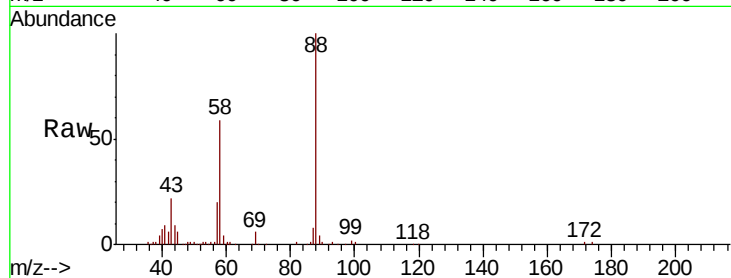




#49
1,4-Dioxane
Concen: 373.555 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

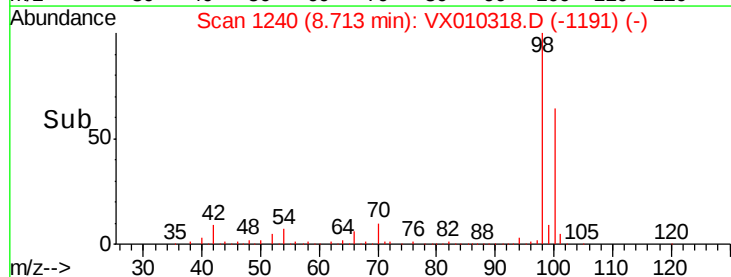
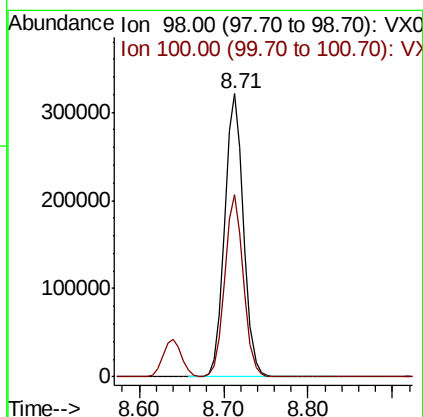
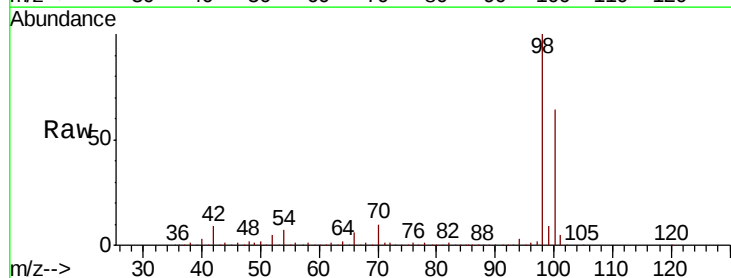
Instrument :
MSVOA_X
ClientSampleId :

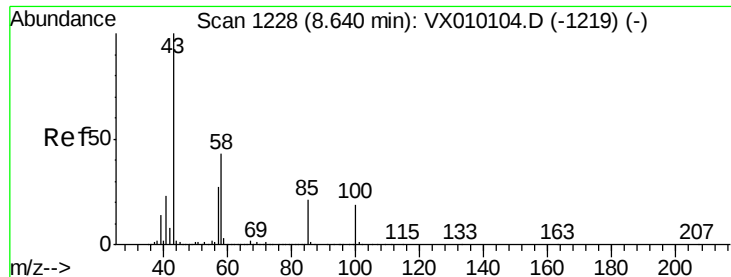
Tot Ion: 88 Resp: 31298
Ion Ratio Lower Upper
88 100
43 23.7 30.2 45.4#
58 61.7 64.0 96.0#



#50
Toluene-d8
Concen: 48.248 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 98 Resp: 493799
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 93.248 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

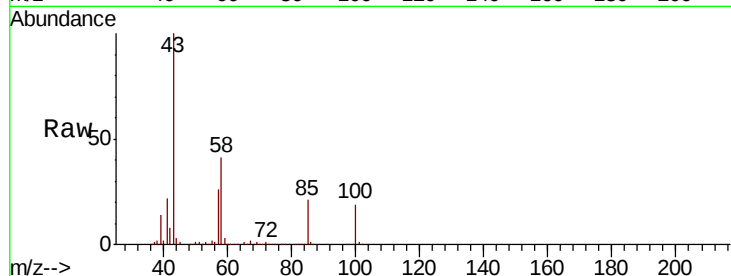
ClientSampled :

Tot Ion: 43 Resp: 350036

Ion Ratio Lower Upper

43 100

58 41.5 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

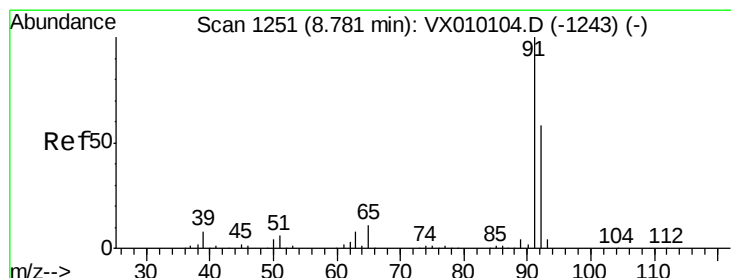
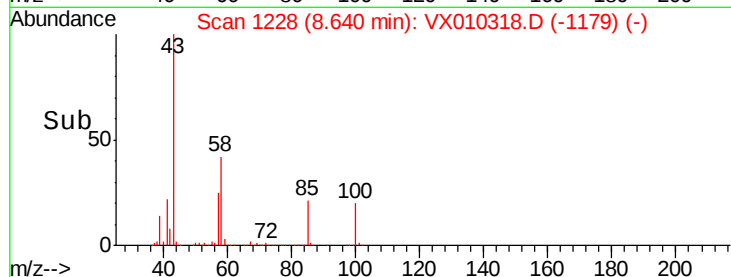
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 17.956 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010318.D

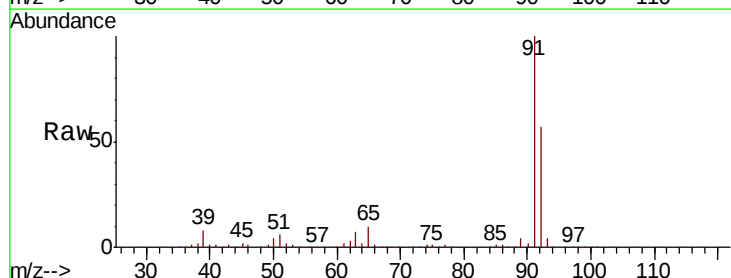
Acq: 17 Jun 2019 12:49

Tgt Ion: 92 Resp: 131827

Ion Ratio Lower Upper

92 100

91 174.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

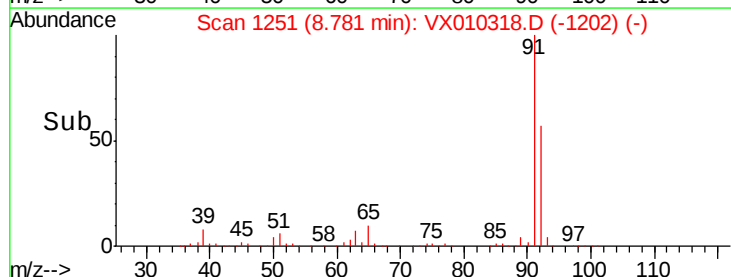
150000

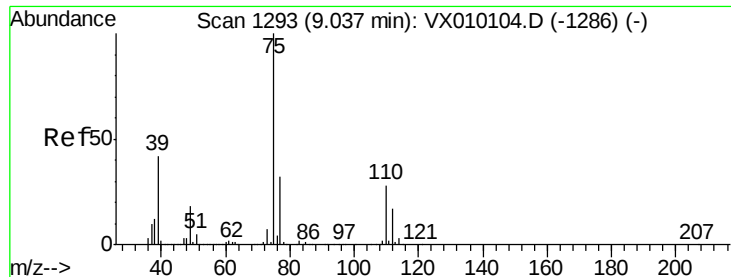
100000

50000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 16.660 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

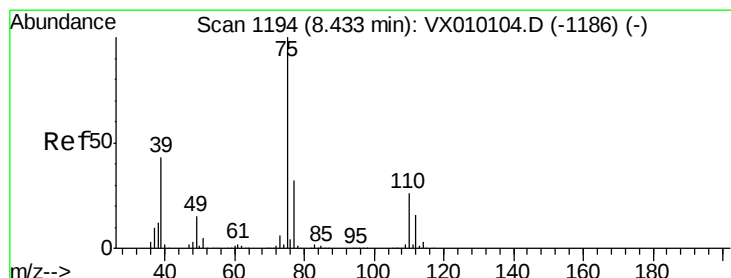
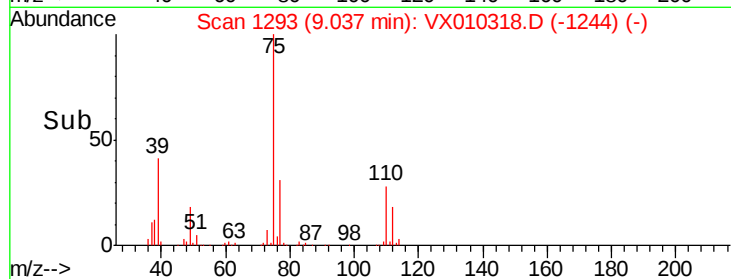
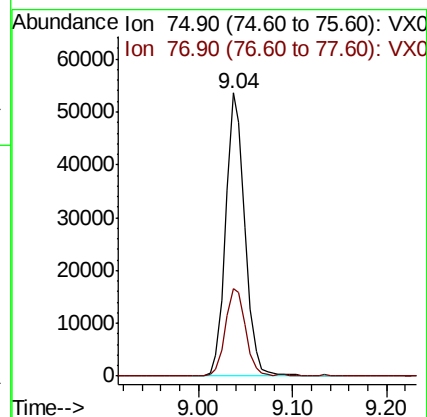
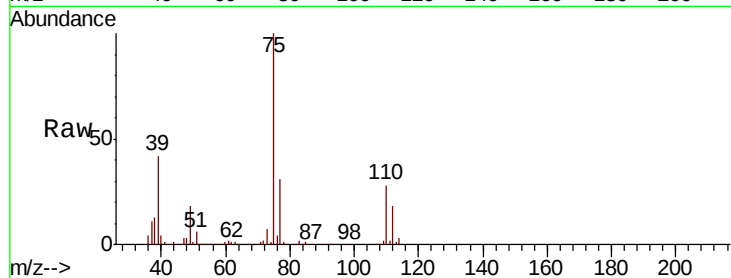
ClientSampleId :

Tot Ion: 75 Resp: 75412

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 17.034 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

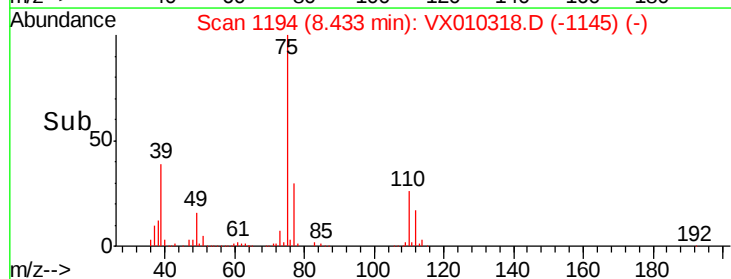
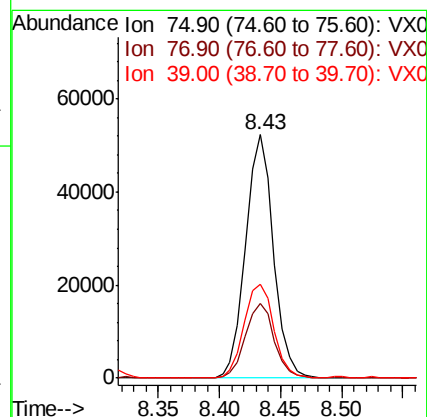
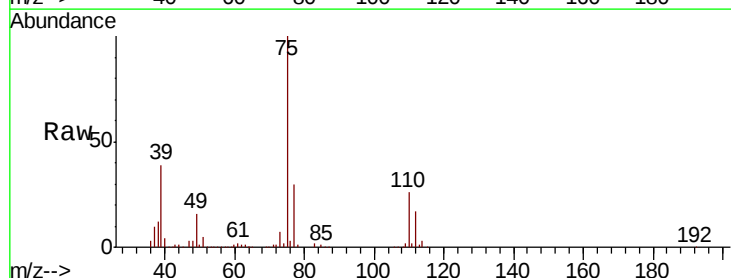
Tgt Ion: 75 Resp: 82659

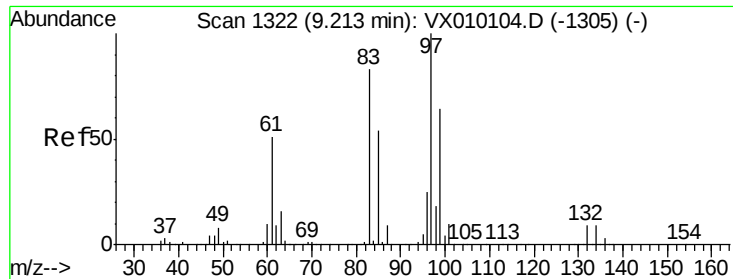
Ion Ratio Lower Upper

75 100

77 30.4 24.8 37.2

39 38.6 43.4 65.0#

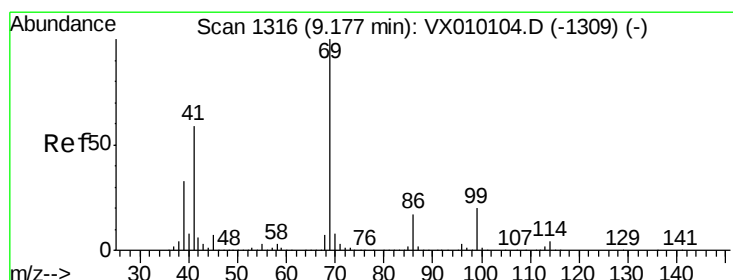
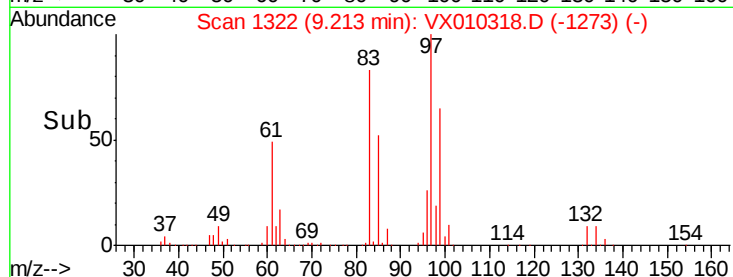
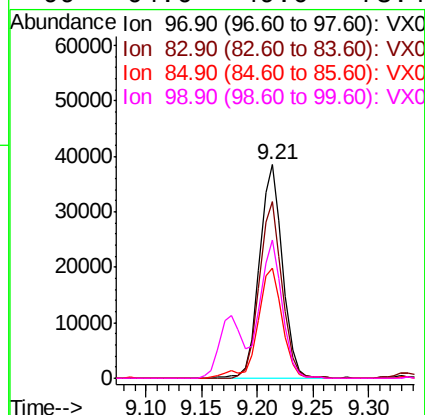
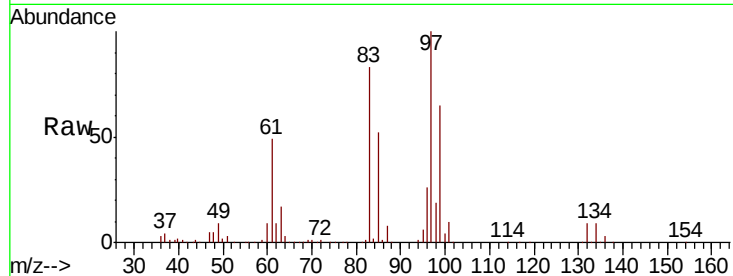




#55
 1,1,2-Trichloroethane
 Concen: 18.518 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

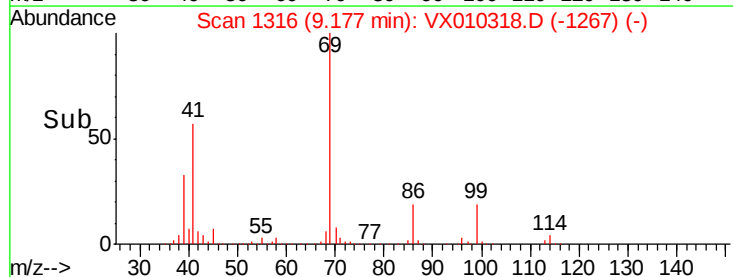
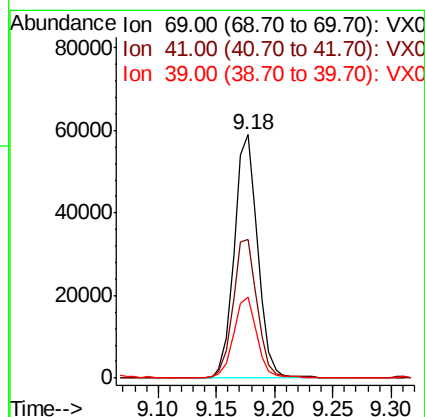
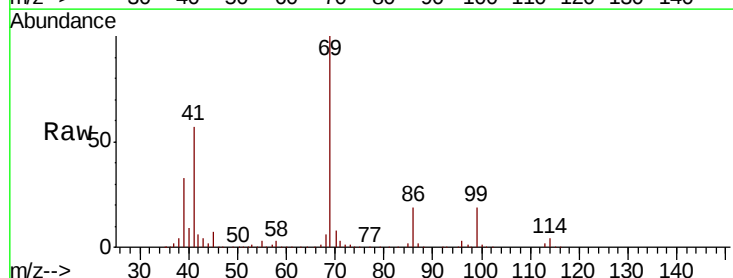
Instrument :
 MSVOA_X
 ClientSampled :

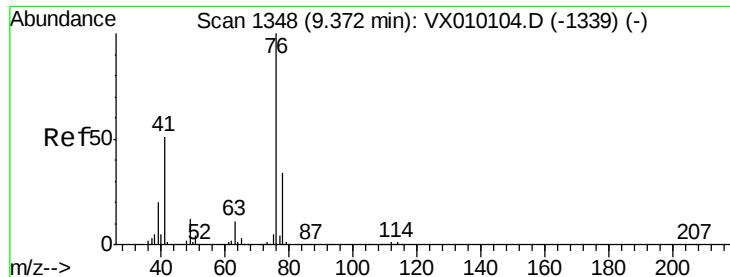
Tot Ion: 97 Resp: 55681
 Ion Ratio Lower Upper
 97 100
 83 82.9 69.8 104.8
 85 51.5 45.3 67.9
 99 64.6 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 17.452 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion: 69 Resp: 82891
 Ion Ratio Lower Upper
 69 100
 41 57.9 62.7 94.1#
 39 32.7 29.5 44.3

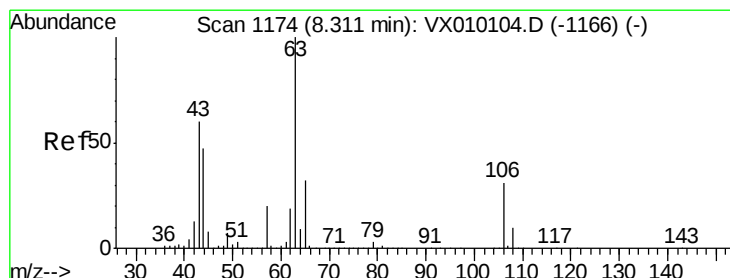
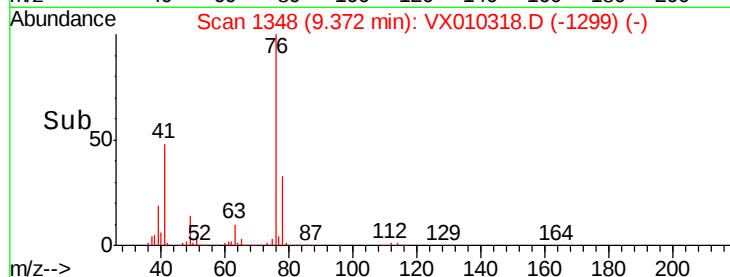
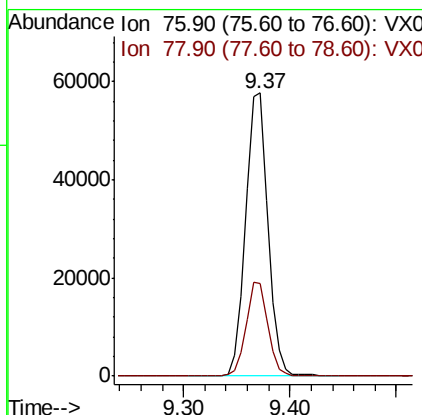
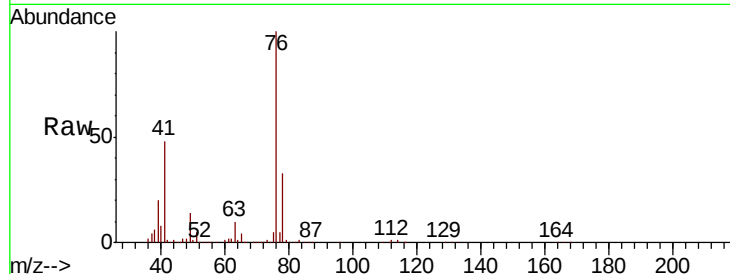




#57
 1,3-Dichloropropane
 Concen: 18.032 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

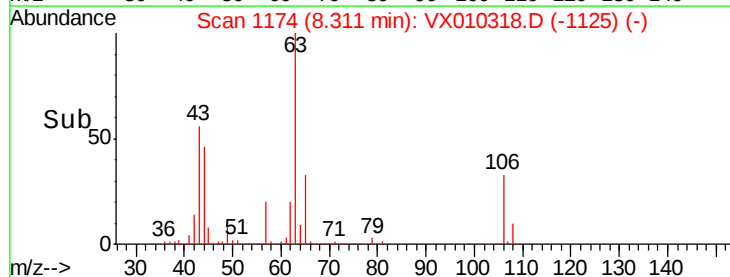
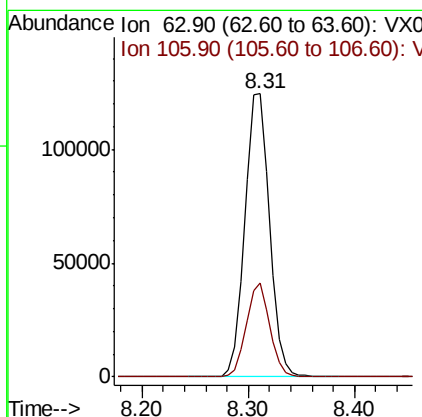
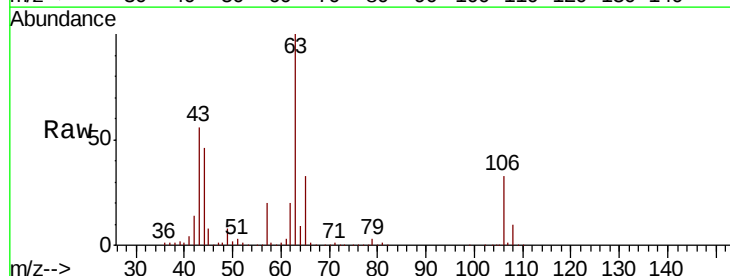
Instrument :
 MSVOA_X
 ClientSampleId :

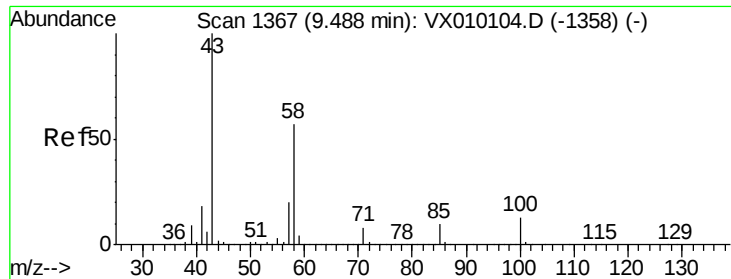
Tot Ion: 76 Resp: 85357
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.962 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion: 63 Resp: 203674
 Ion Ratio Lower Upper
 63 100
 106 31.5 19.4 29.2#

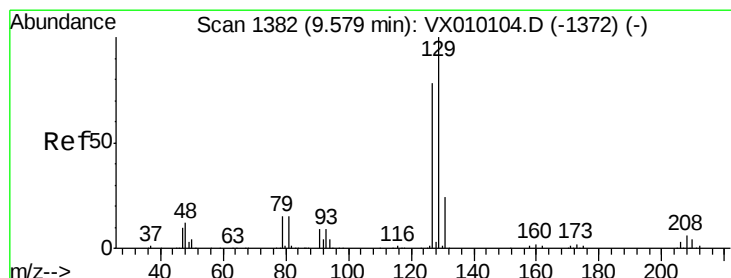
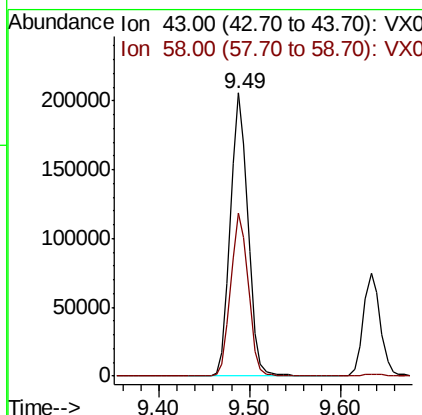
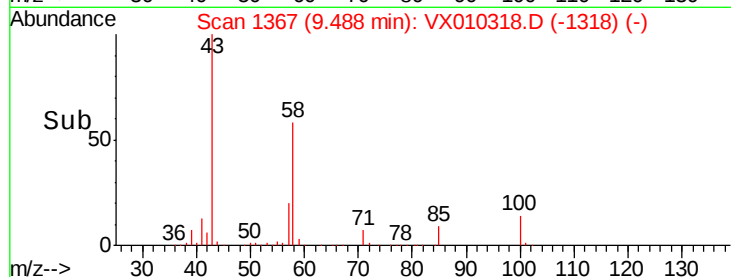
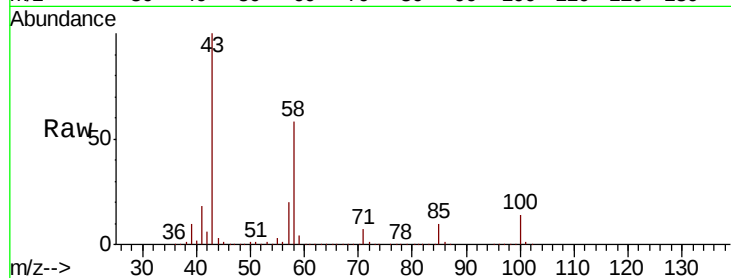




#59
2-Hexanone
Concen: 92.489 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

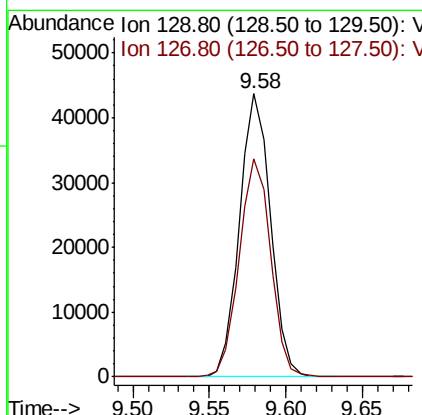
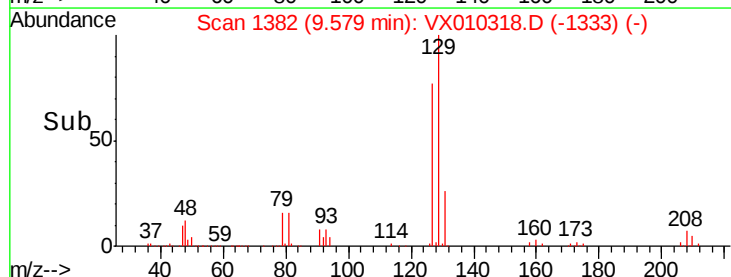
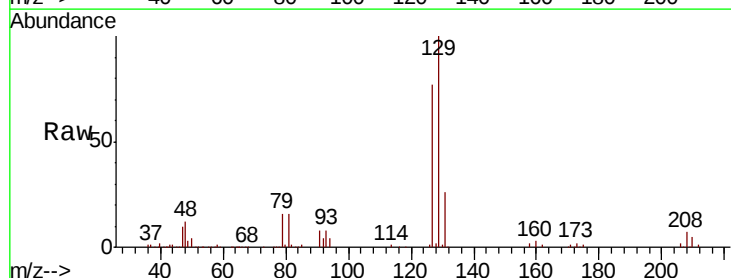
Instrument :
MSVOA_X
ClientSampled :

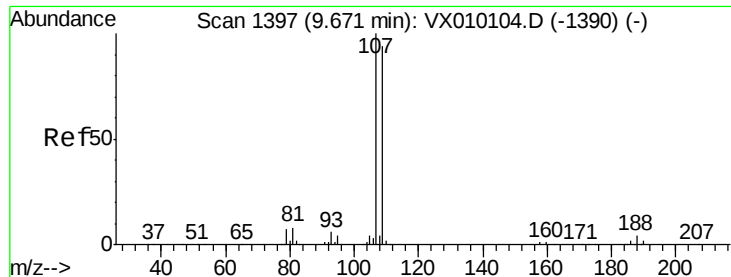
Tot Ion: 43 Resp: 276815
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 17.347 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion:129 Resp: 61695
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.474 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

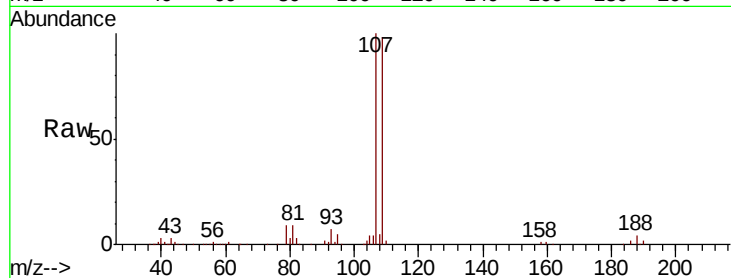
ClientSampleId :

Tot Ion:107 Resp: 58516

Ion Ratio Lower Upper

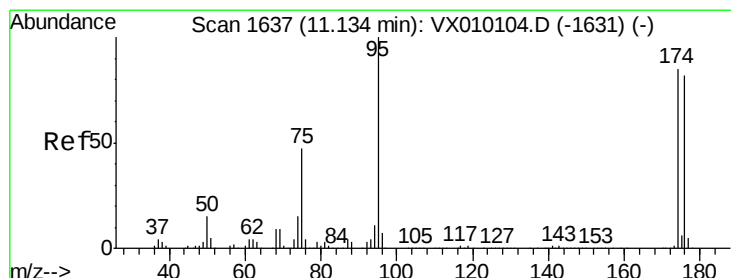
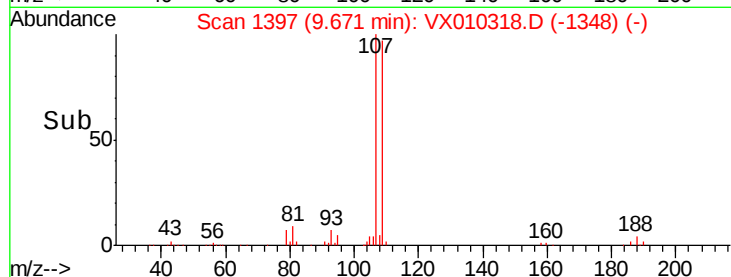
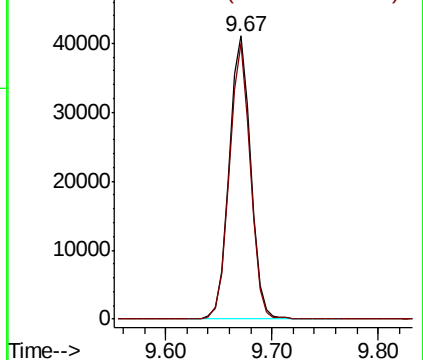
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.570 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

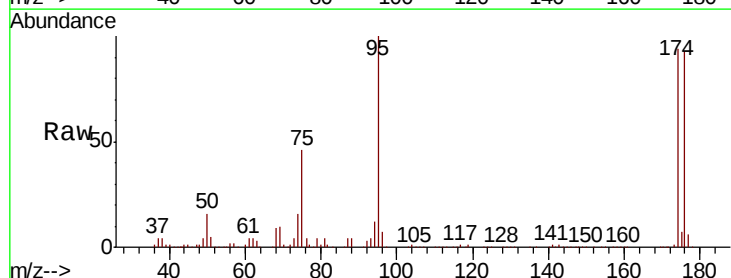
Tgt Ion: 95 Resp: 178003

Ion Ratio Lower Upper

95 100

174 95.7 0.0 160.4

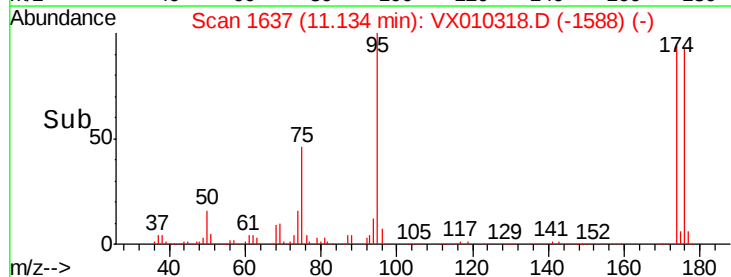
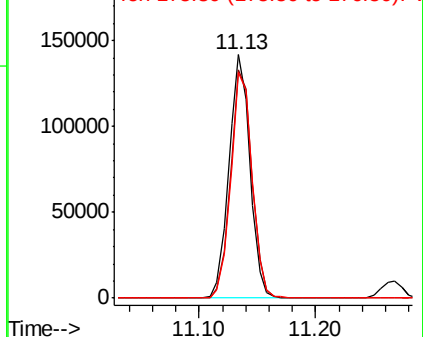
176 94.1 0.0 154.6

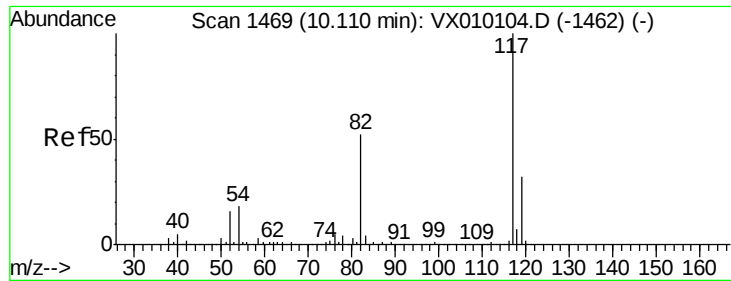


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

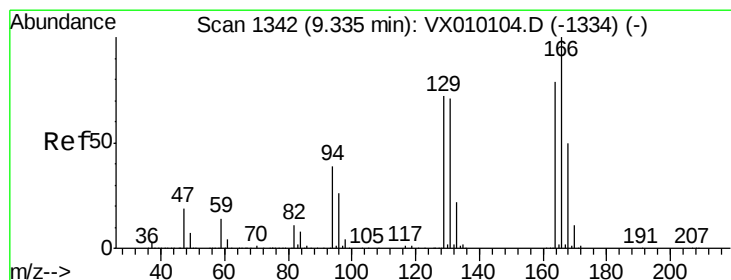
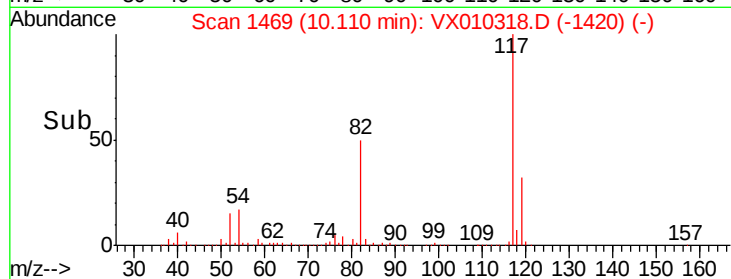
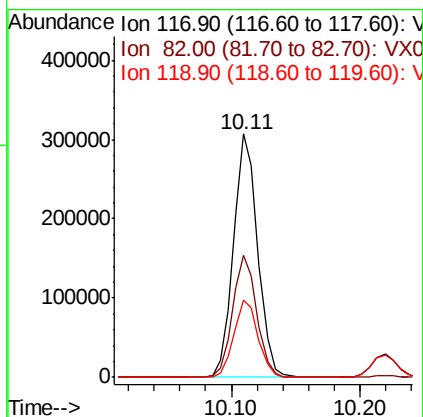
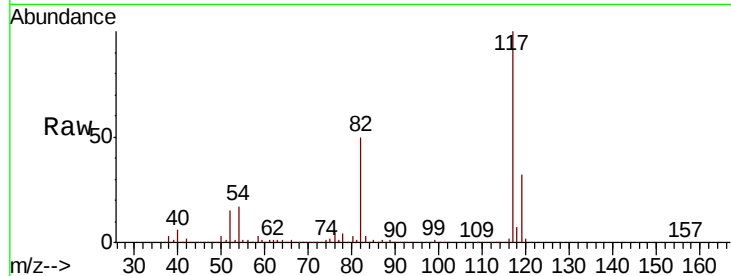




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

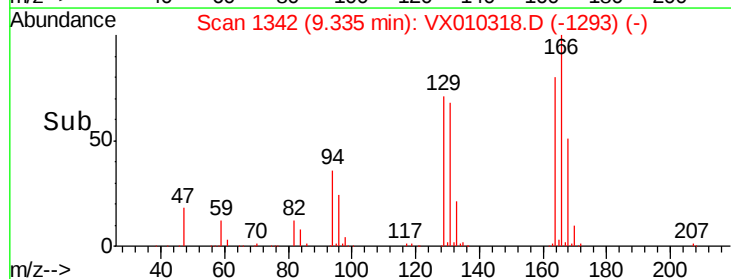
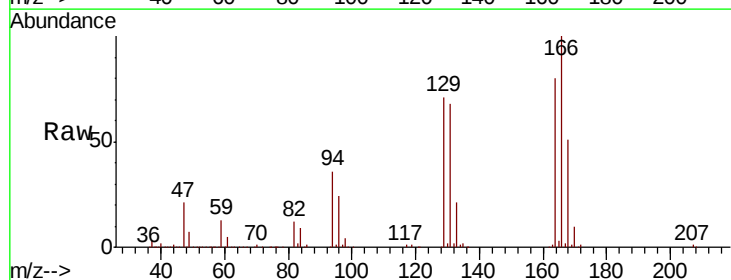
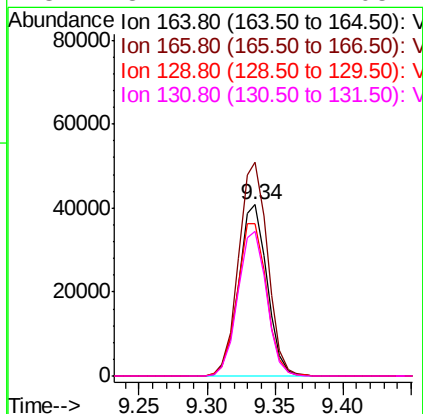
Instrument :
MSVOA_X
ClientSampleId :

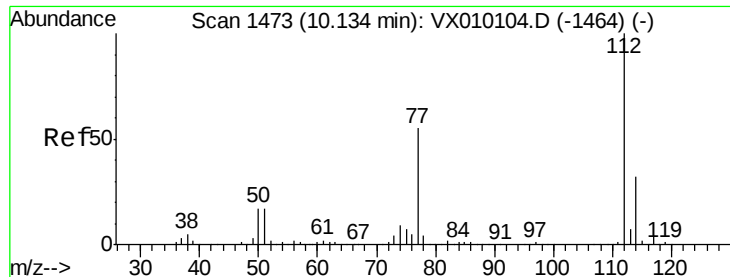
Tot Ion:117 Resp: 401493
Ion Ratio Lower Upper
117 100
82 50.1 49.2 73.8
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 19.988 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion:164 Resp: 59604
Ion Ratio Lower Upper
164 100
166 124.5 105.0 157.4
129 88.7 75.1 112.7
131 84.1 72.2 108.4

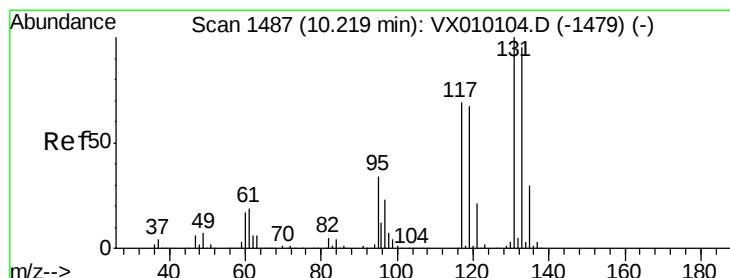
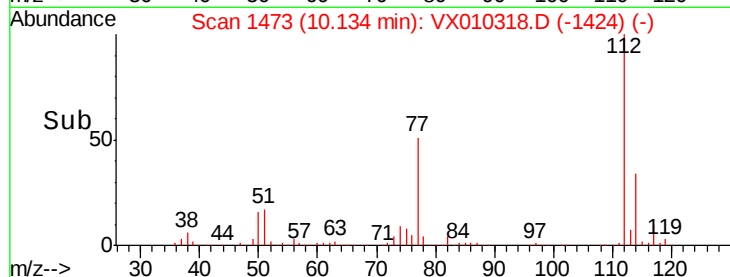
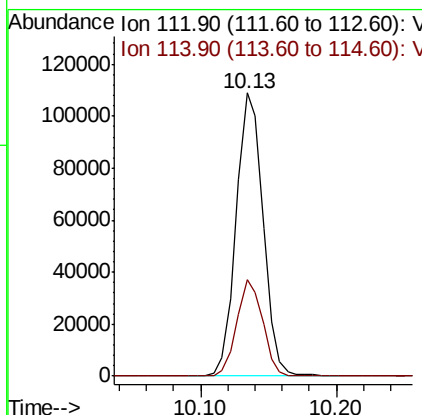
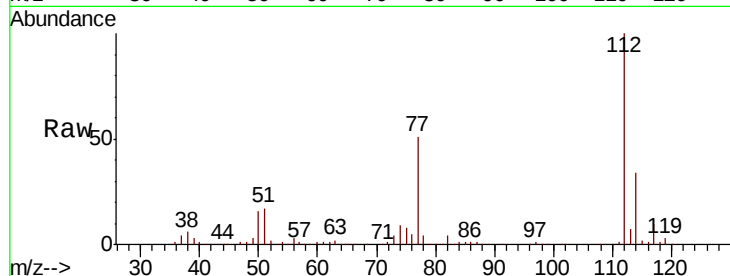




#65
Chlorobenzene
Concen: 18.091 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

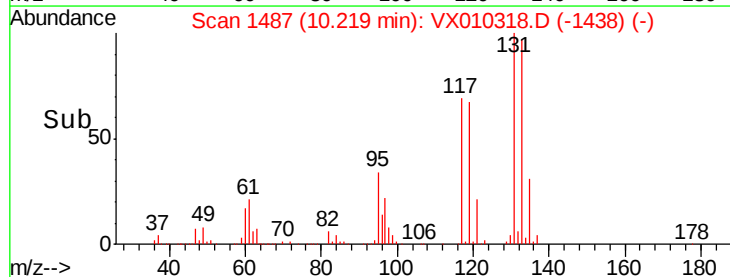
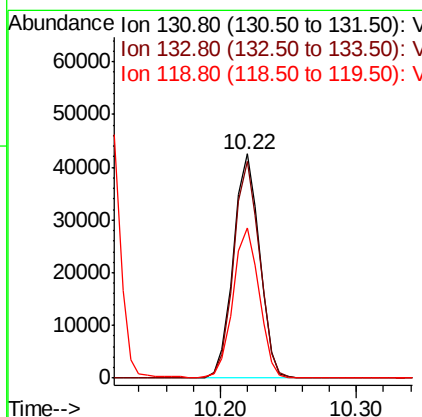
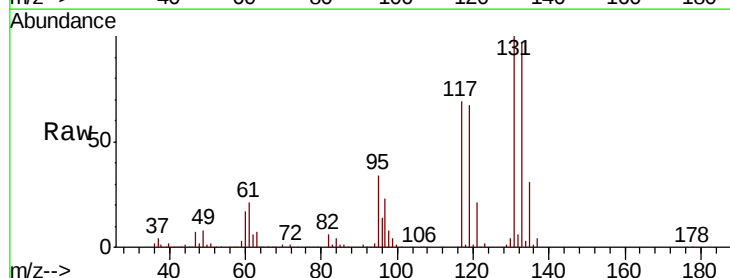
Instrument :
MSVOA_X
ClientSampleId :

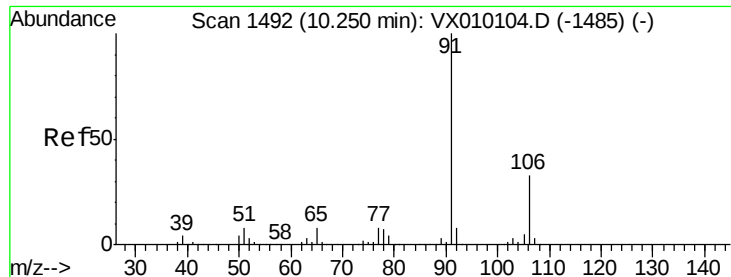
Tot Ion:112 Resp: 149907
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.932 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion:131 Resp: 57142
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 17.953 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

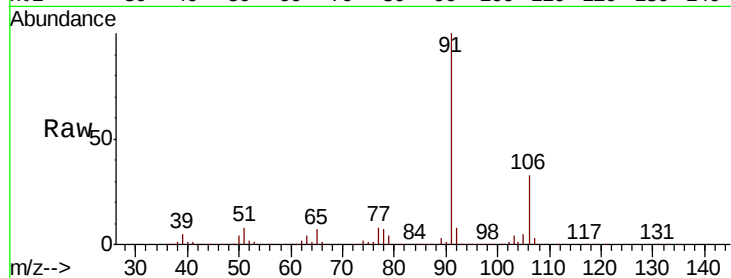
ClientSampled :

Tot Ion: 91 Resp: 253250

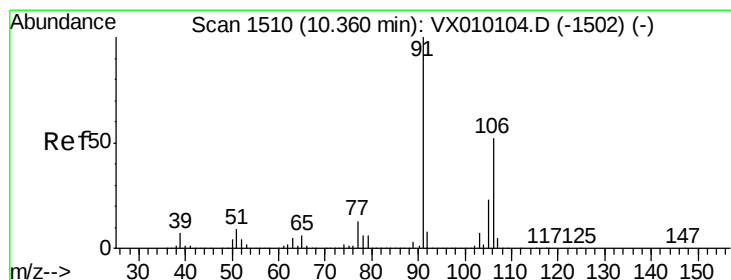
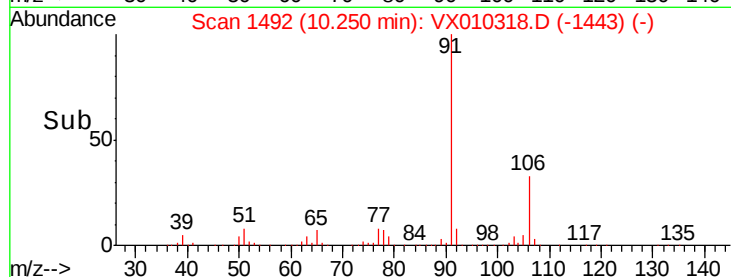
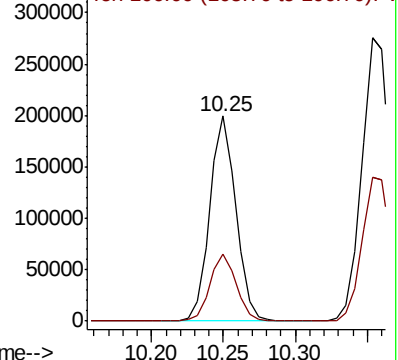
Ion Ratio Lower Upper

91 100

106 32.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1485) (-)



#68

m/p-Xylenes

Concen: 36.143 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010318.D

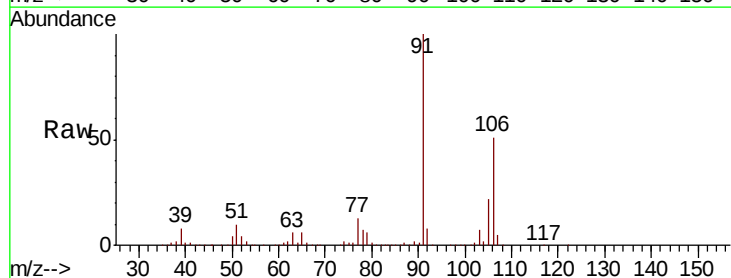
Acq: 17 Jun 2019 12:49

Tgt Ion: 106 Resp: 197297

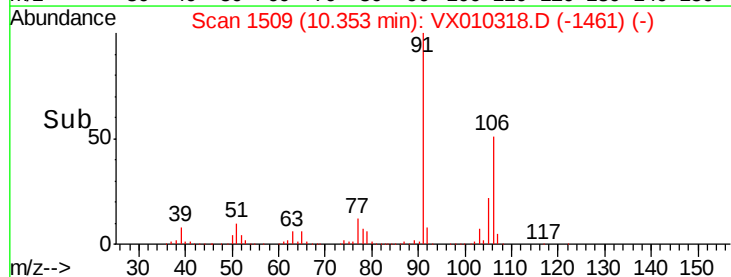
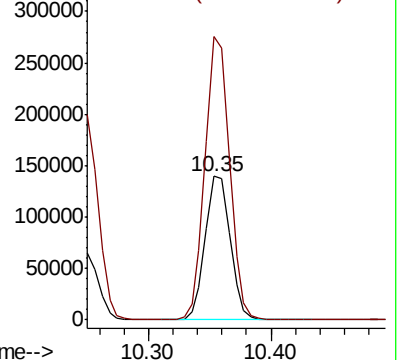
Ion Ratio Lower Upper

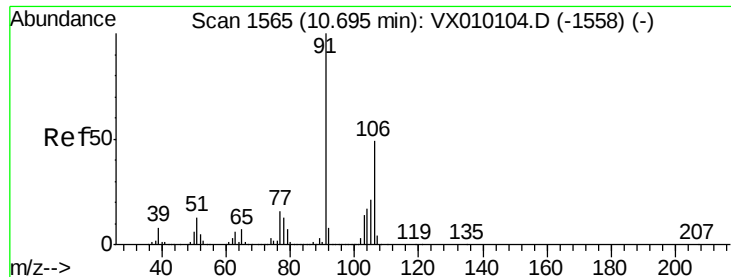
106 100

91 194.1 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VX010104.D (-1502) (-)

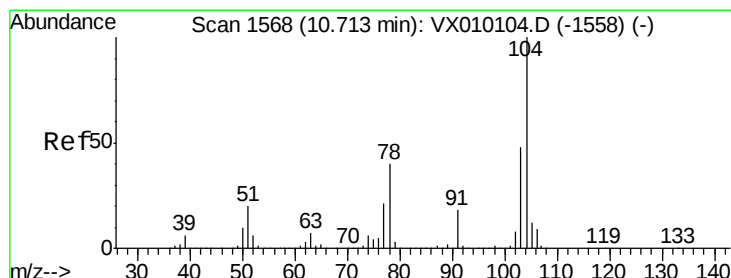
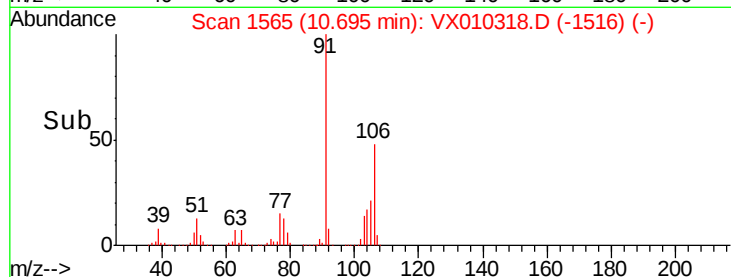
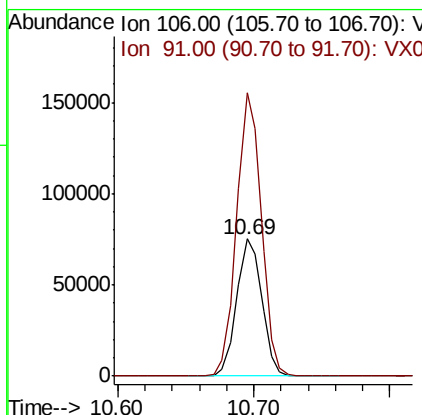
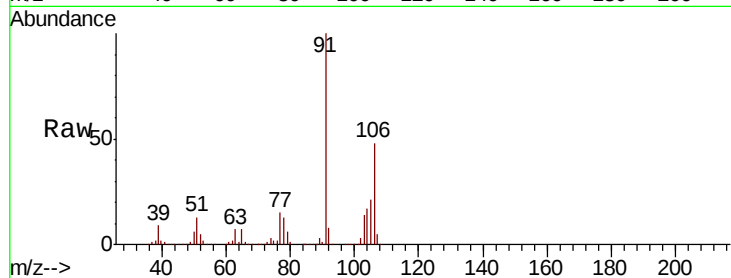




#69
o-Xylene
Concen: 17.846 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

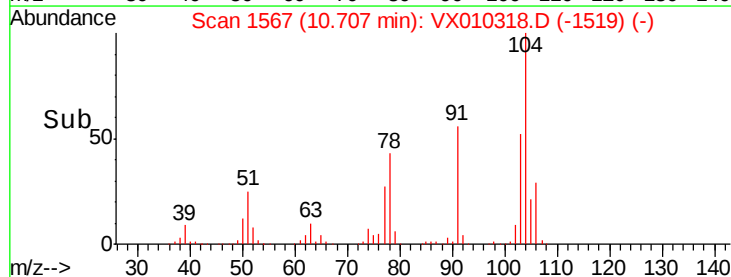
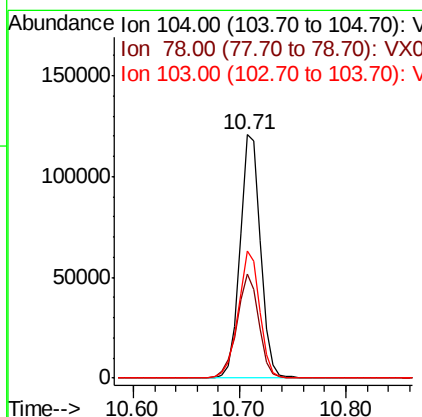
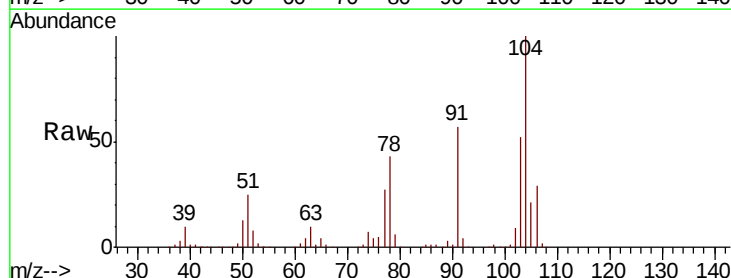
Instrument :
MSVOA_X
ClientSampled :

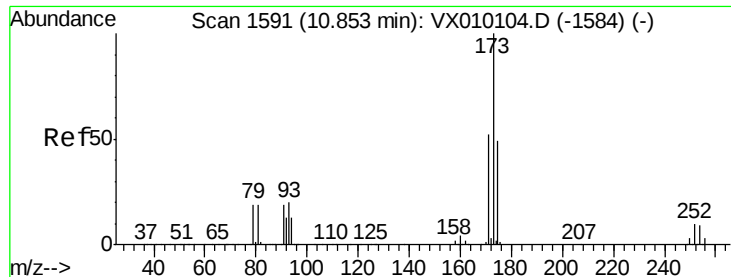
Tot Ion:106 Resp: 96840
Ion Ratio Lower Upper
106 100
91 202.9 110.4 331.2



#70
Styrene
Concen: 17.856 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion:104 Resp: 164103
Ion Ratio Lower Upper
104 100
78 45.7 42.1 63.1
103 54.6 44.1 66.1





#71

Bromoform

Concen: 16.875 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

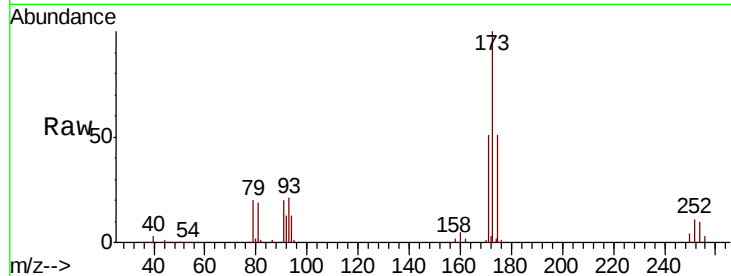
Tot Ion:173 Resp: 49435

Ion Ratio Lower Upper

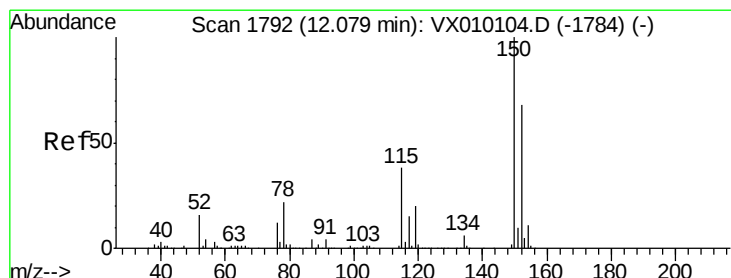
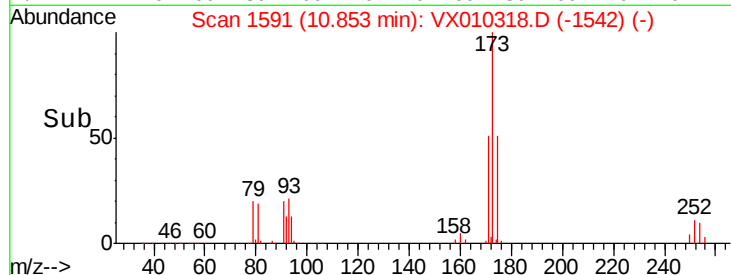
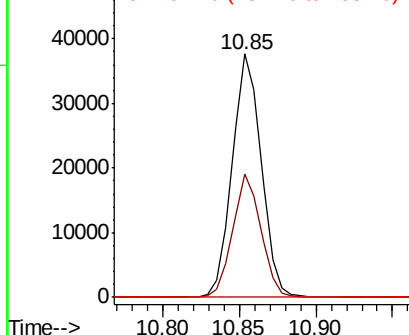
173 100

175 49.3 25.0 75.0

254 0.1 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: VX010318.D

Acq: 17 Jun 2019 12:49

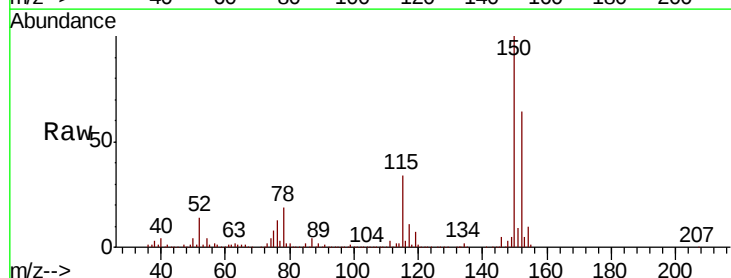
Tgt Ion:152 Resp: 212172

Ion Ratio Lower Upper

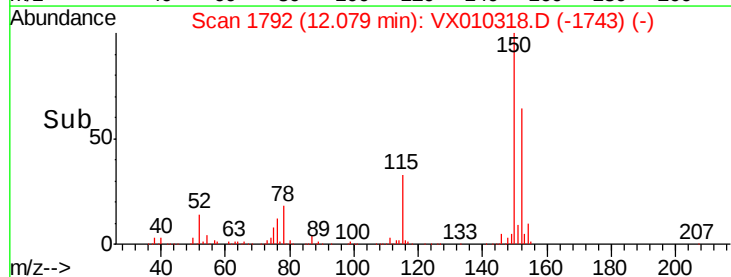
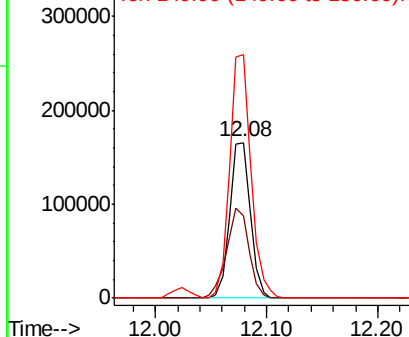
152 100

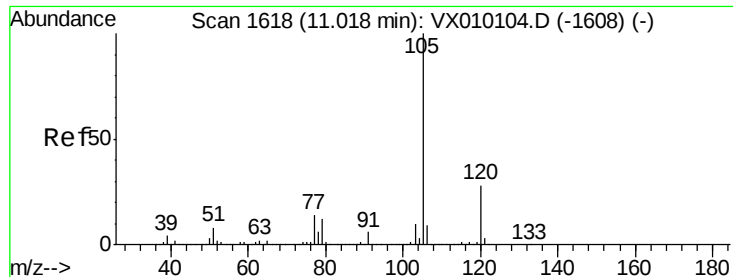
115 62.6 41.4 124.2

150 161.9 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: 17.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

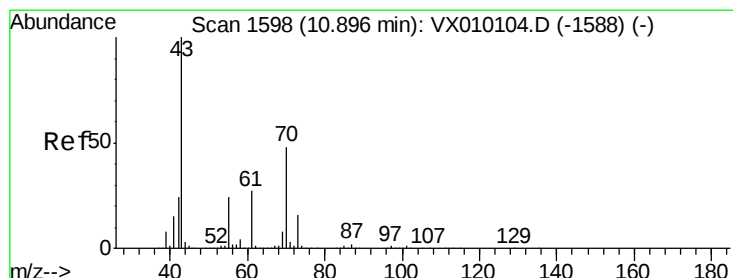
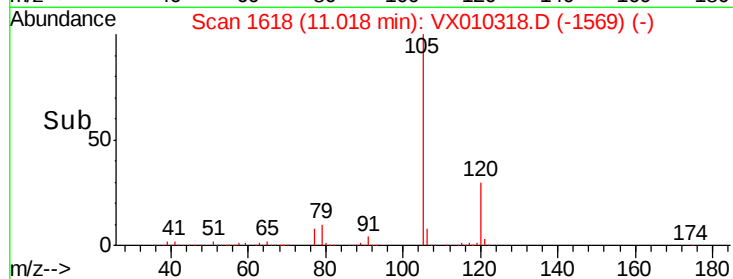
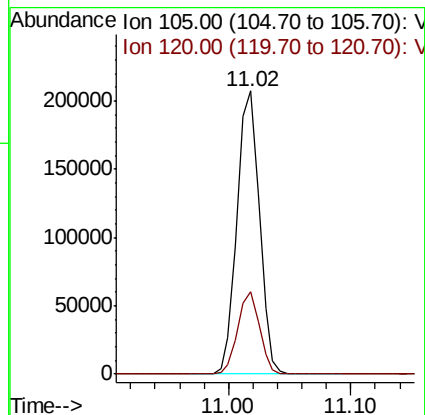
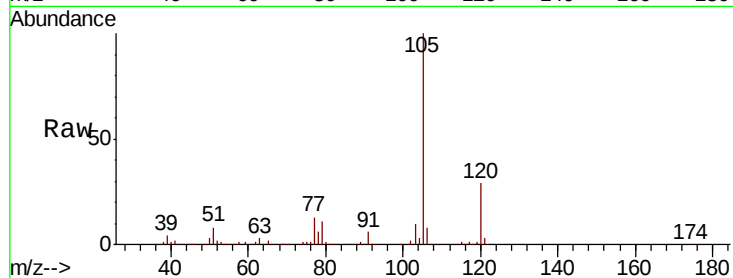
ClientSampleId :

Tot Ion:105 Resp: 261556

Ion Ratio Lower Upper

105 100

120 28.4 12.8 38.4



#74

N-ethyl acetate

Concen: 16.716 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion: 43 Resp: 97869

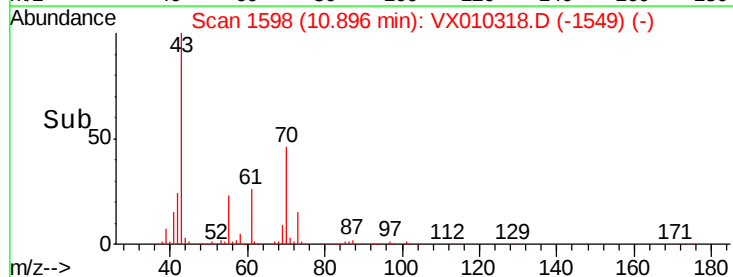
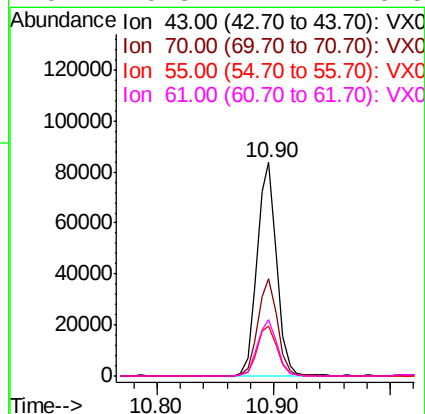
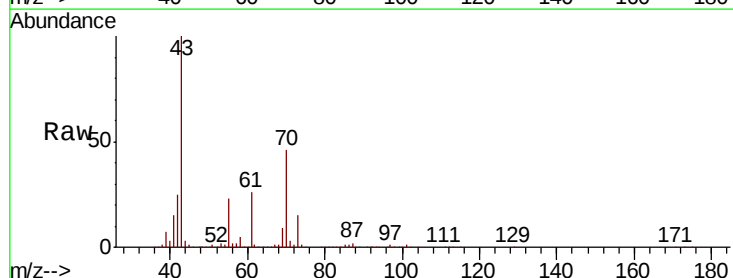
Ion Ratio Lower Upper

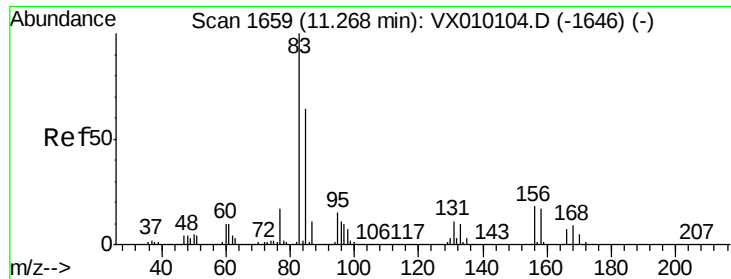
43 100

70 46.1 28.6 43.0#

55 23.9 17.8 26.8

61 26.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.913 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

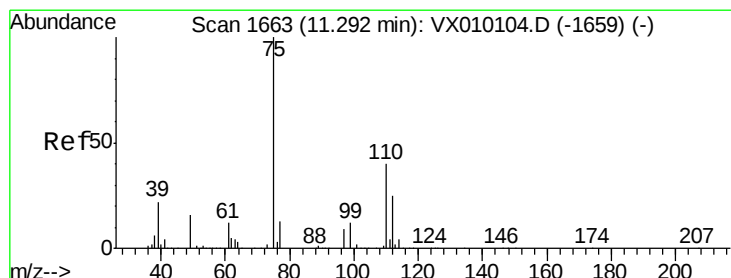
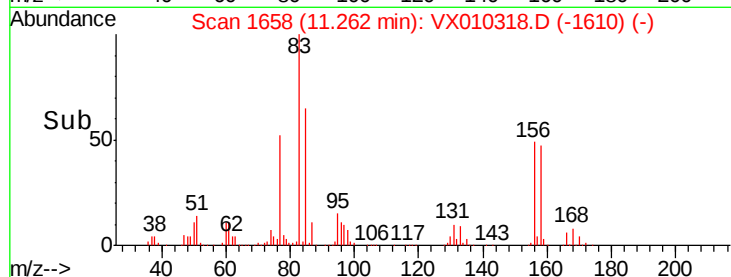
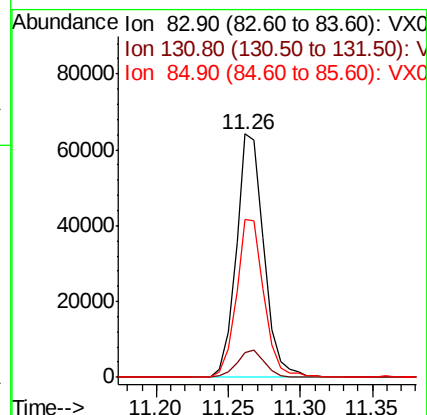
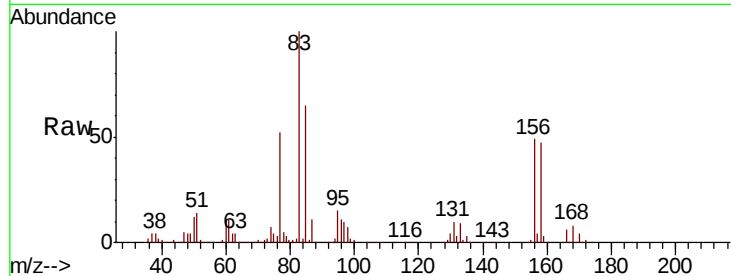
Tot Ion: 83 Resp: 85750

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

85 65.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 22.292 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010318.D

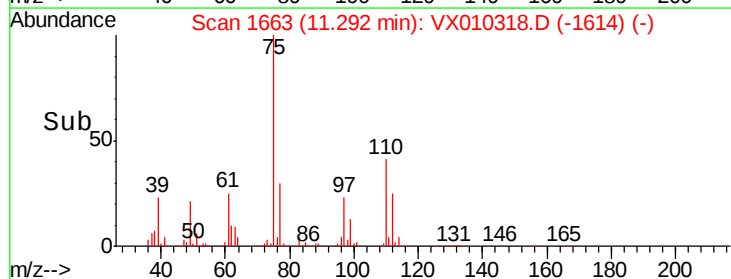
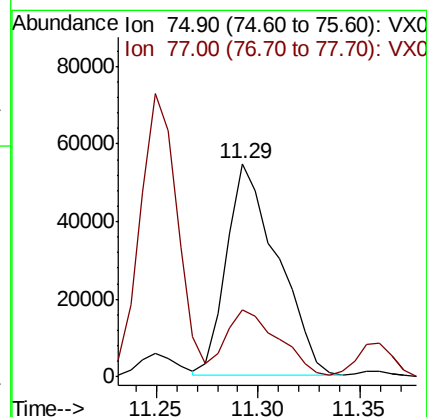
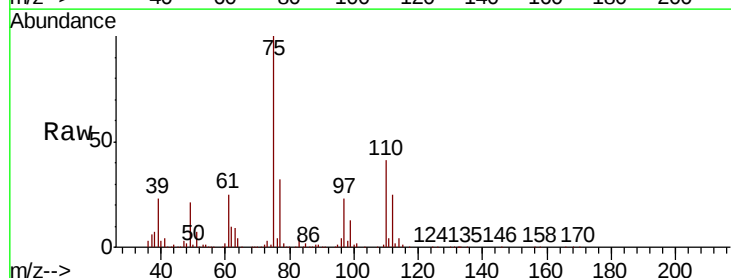
Acq: 17 Jun 2019 12:49

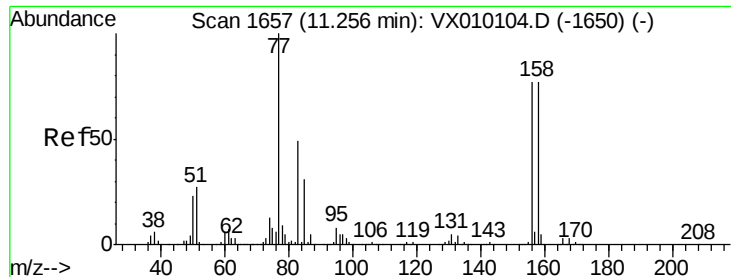
Tgt Ion: 75 Resp: 94603

Ion Ratio Lower Upper

75 100

77 32.8 22.1 66.1





#77

Bromobenzene

Concen: 17.591 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

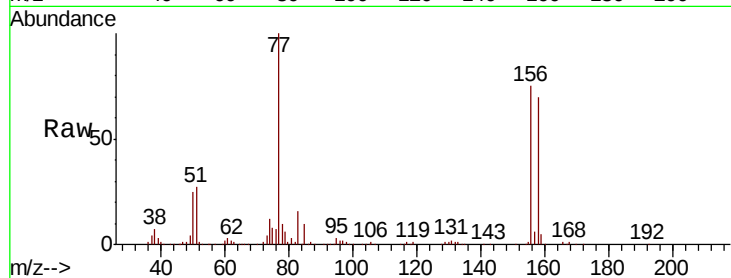
Tot Ion:156 Resp: 71649

Ion Ratio Lower Upper

156 100

77 129.9 86.8 260.3

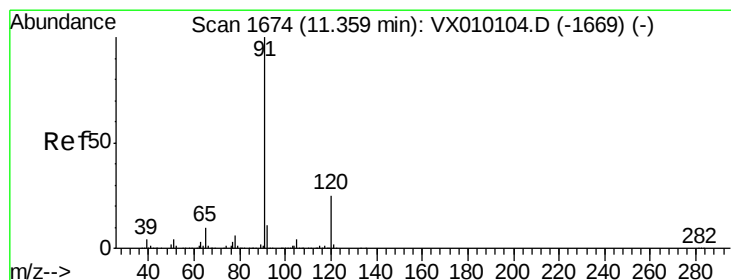
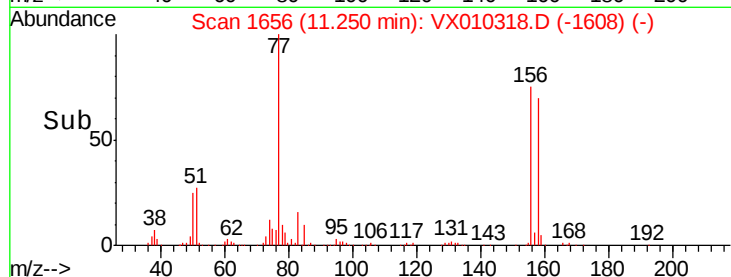
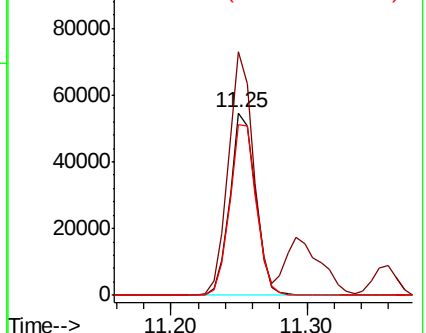
158 96.1 49.6 148.8



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: 17.501 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010318.D

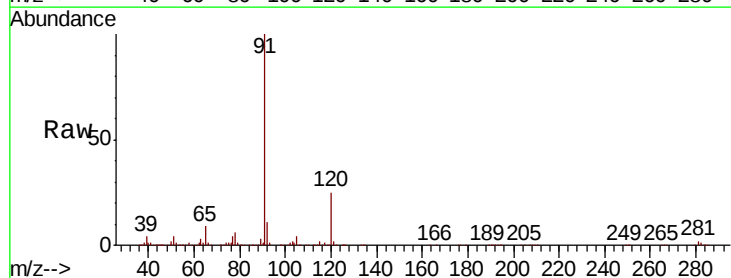
Acq: 17 Jun 2019 12:49

Tgt Ion: 91 Resp: 288573

Ion Ratio Lower Upper

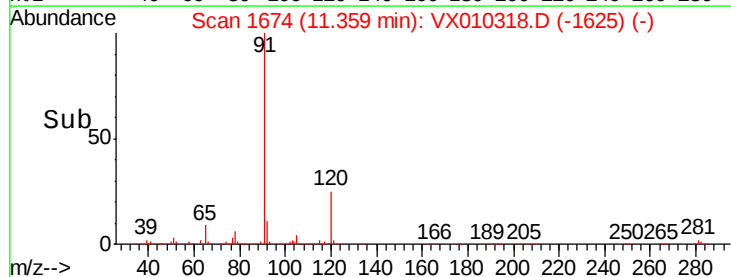
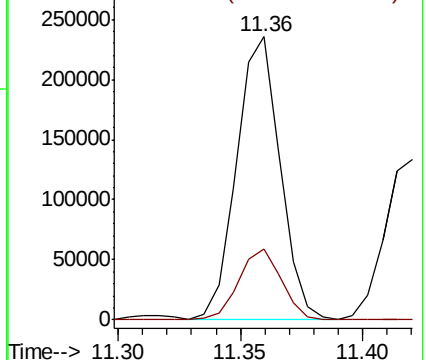
91 100

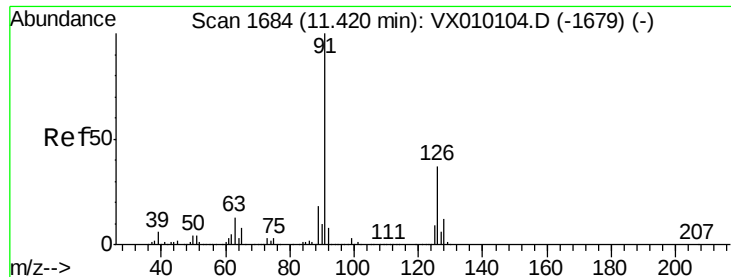
120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.174 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

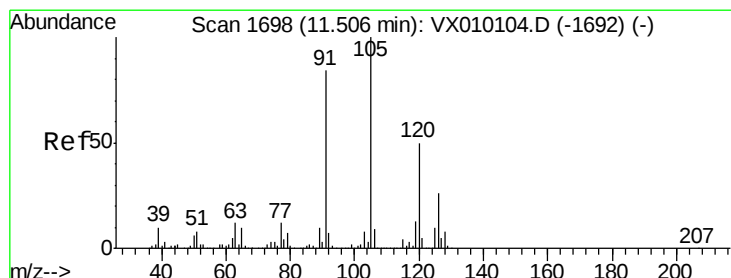
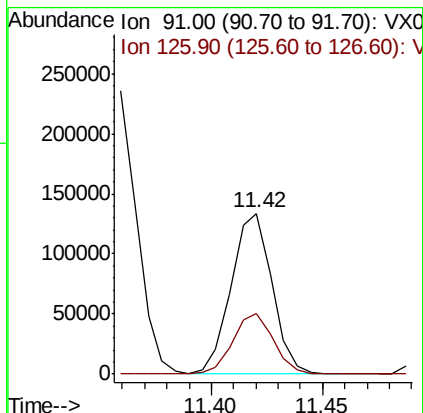
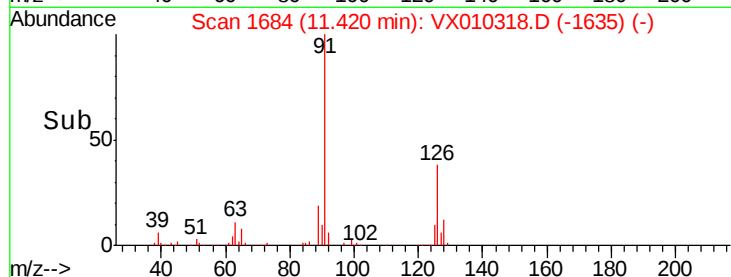
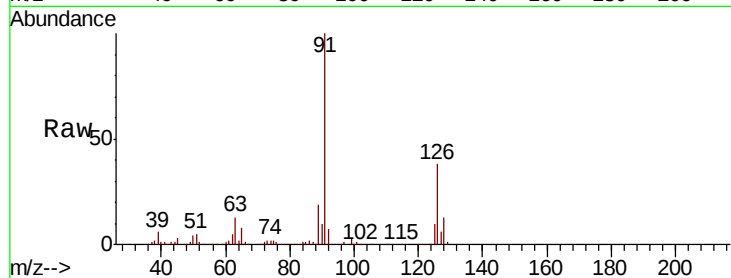
ClientSampleId :

Tot Ion: 91 Resp: 170076

Ion Ratio Lower Upper

91 100

126 37.8 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 17.520 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010318.D

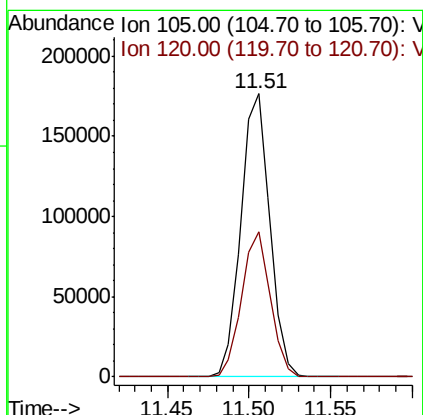
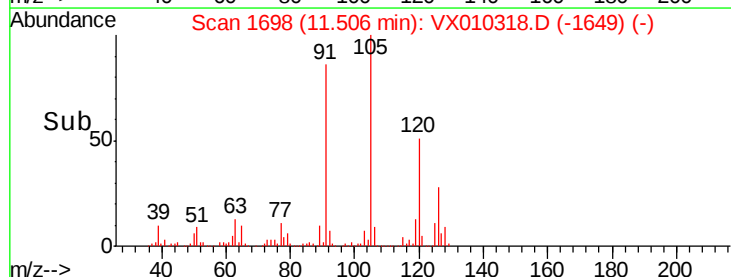
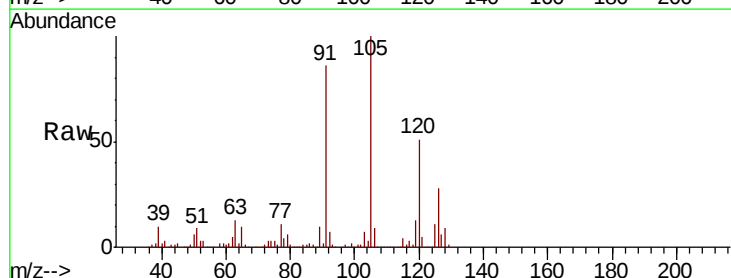
Acq: 17 Jun 2019 12:49

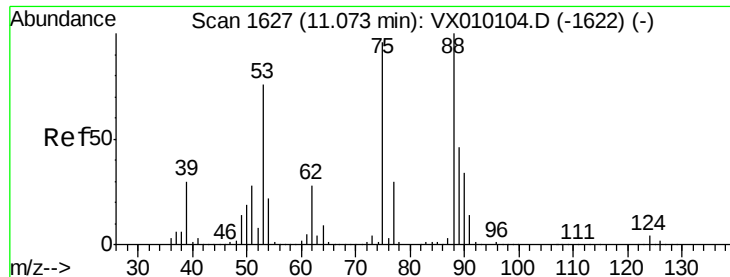
Tgt Ion:105 Resp: 218559

Ion Ratio Lower Upper

105 100

120 51.1 24.1 72.3

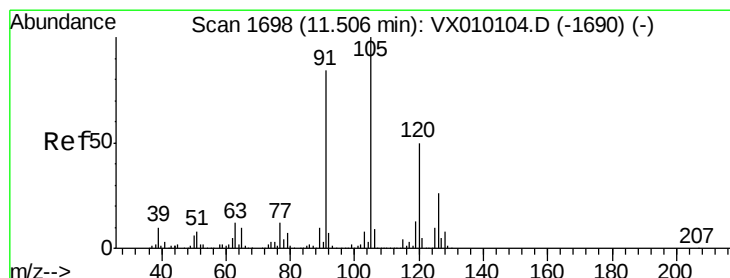
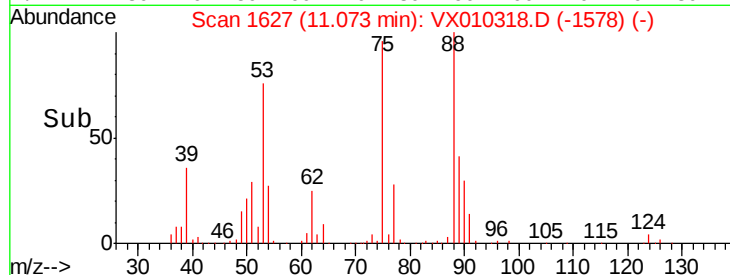
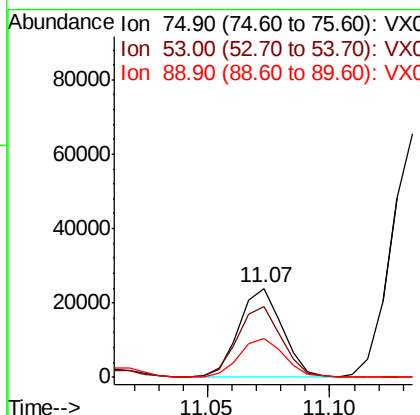
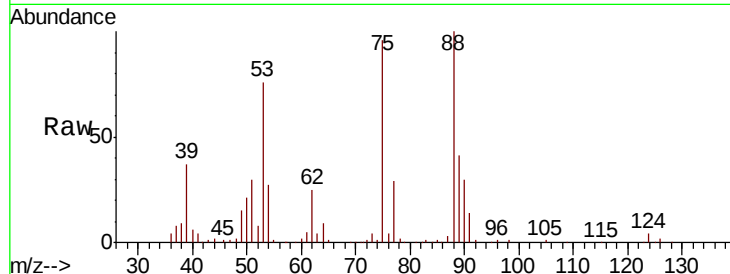




#81
trans-1,4-Dichloro-2-butene
Concen: 15.328 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

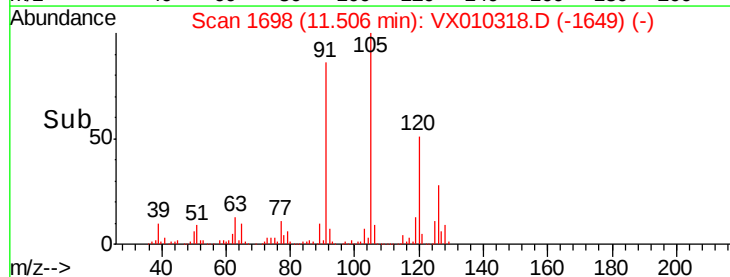
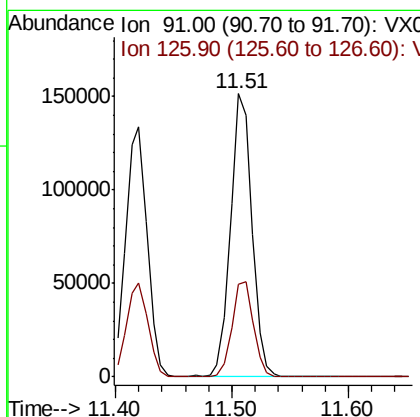
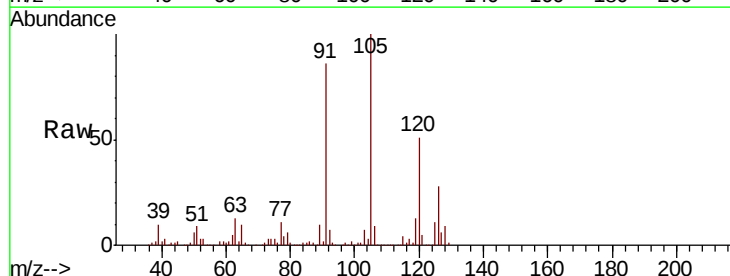
Instrument :
MSVOA_X
ClientSampleId :

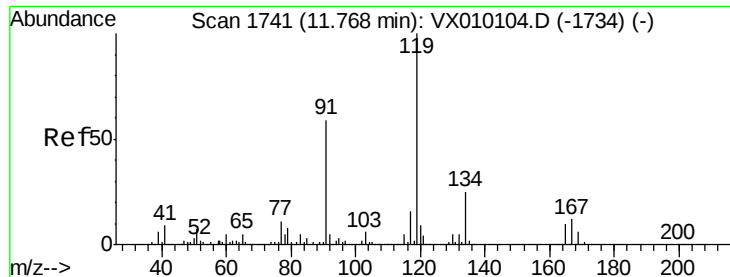
Tot Ion: 75 Resp: 29441
Ion Ratio Lower Upper
75 100
53 82.8 79.8 119.6
89 45.2 34.2 51.4



#82
4-Chlorotoluene
Concen: 17.226 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 91 Resp: 193788
Ion Ratio Lower Upper
91 100
126 34.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.456 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

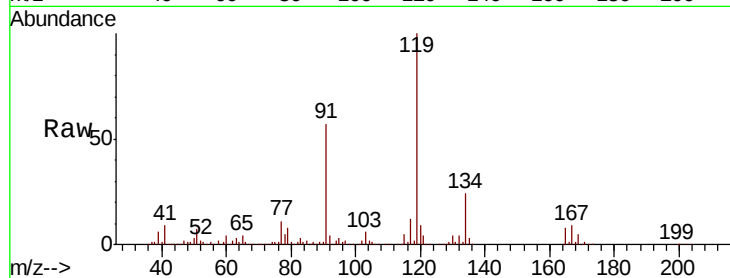
Tot Ion:119 Resp: 220399

Ion Ratio Lower Upper

119 100

91 54.5 30.0 90.0

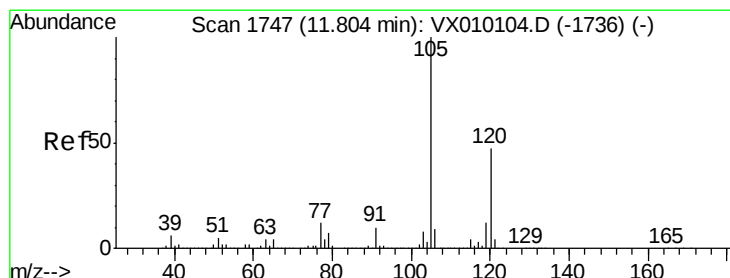
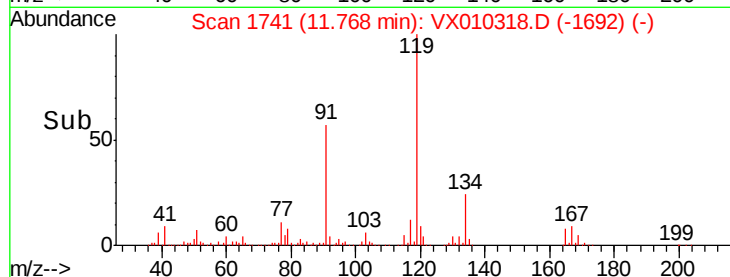
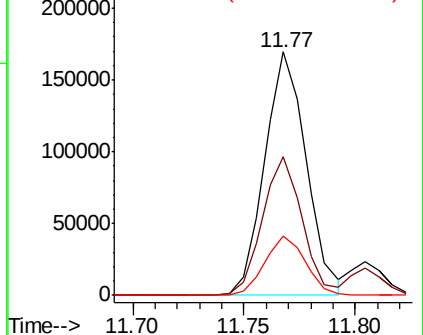
134 23.7 11.2 33.5



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: 17.455 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010318.D

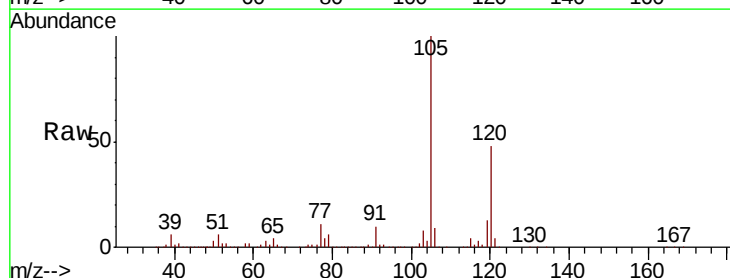
Acq: 17 Jun 2019 12:49

Tgt Ion:105 Resp: 219945

Ion Ratio Lower Upper

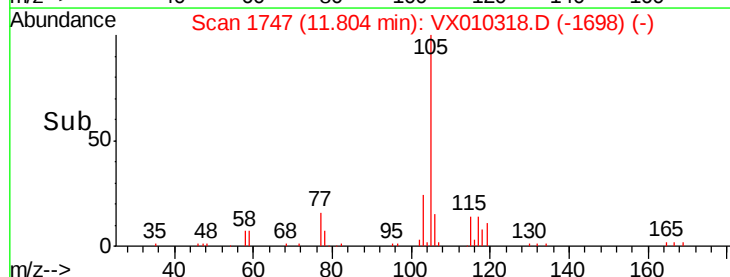
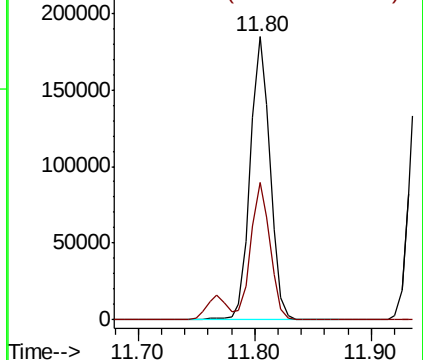
105 100

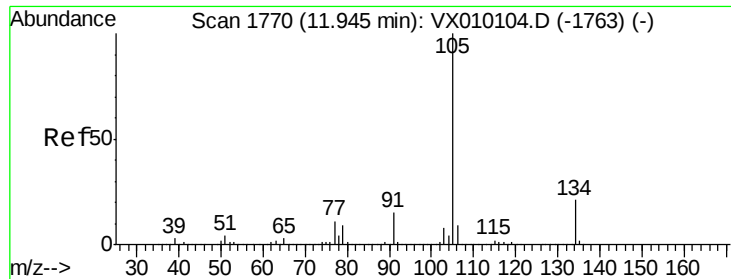
120 47.5 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.656 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

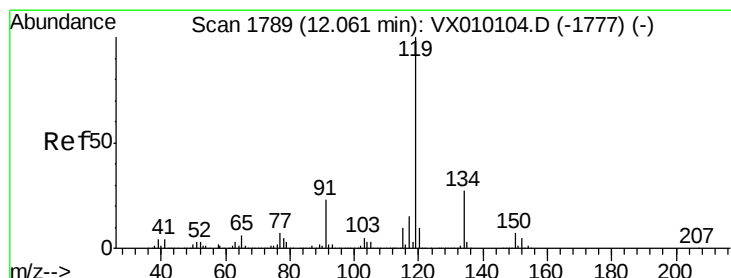
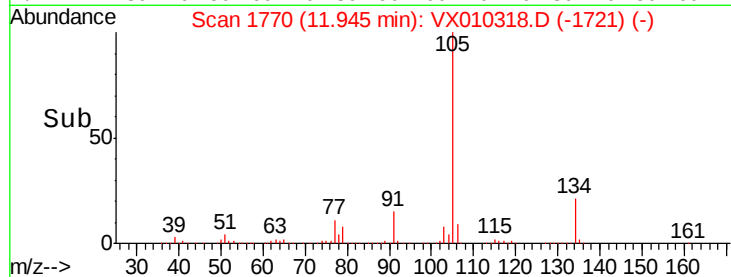
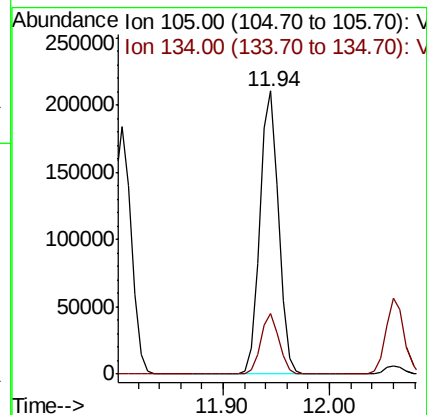
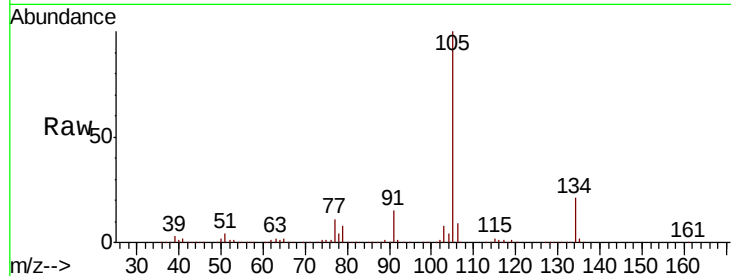
ClientSampleId :

Tot Ion:105 Resp: 259722

Ion Ratio Lower Upper

105 100

134 21.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 17.888 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

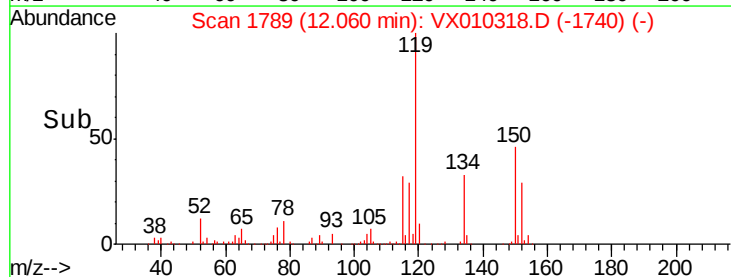
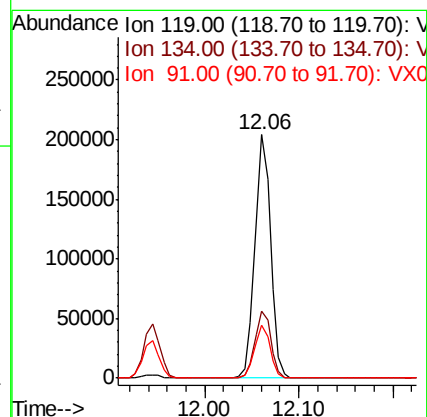
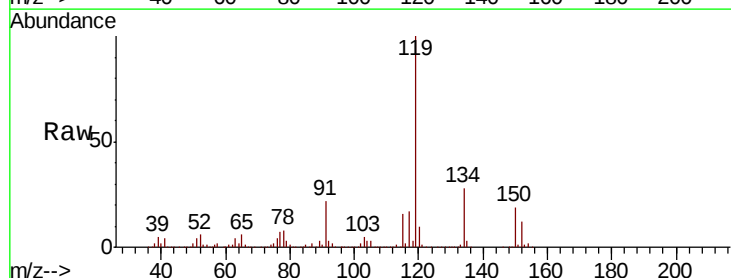
Tgt Ion:119 Resp: 240558

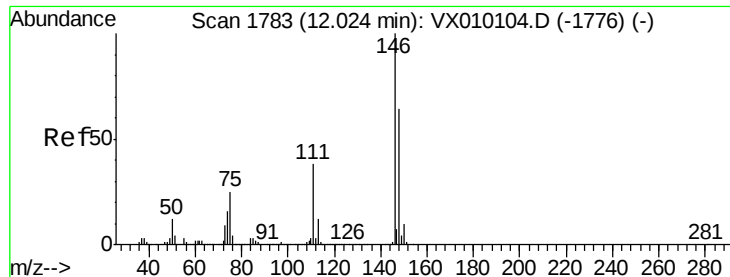
Ion Ratio Lower Upper

119 100

134 27.9 12.9 38.6

91 21.6 11.9 35.9

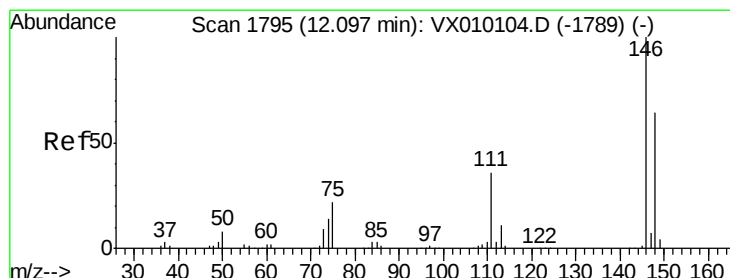
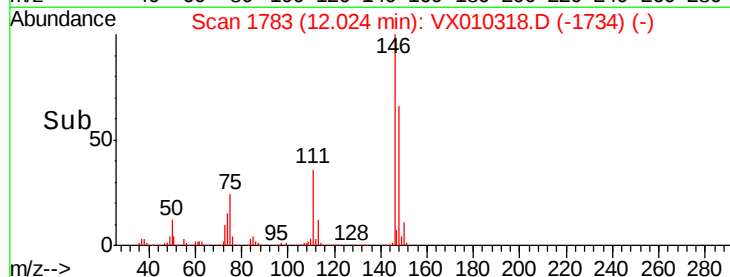
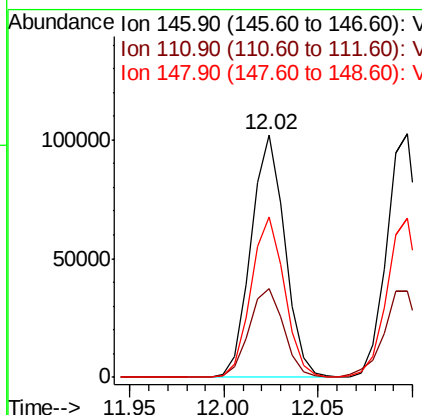
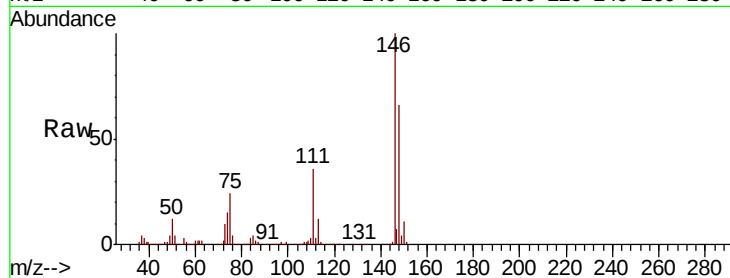




#87
 1,3-Dichlorobenzene
 Concen: 17.714 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

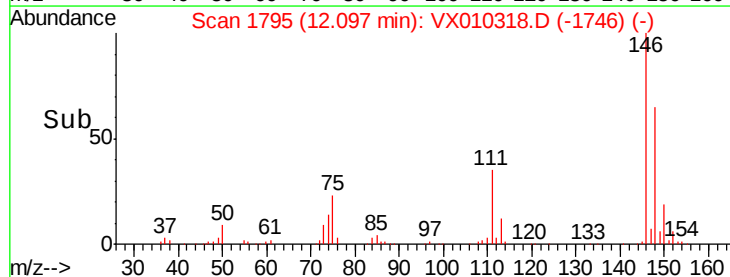
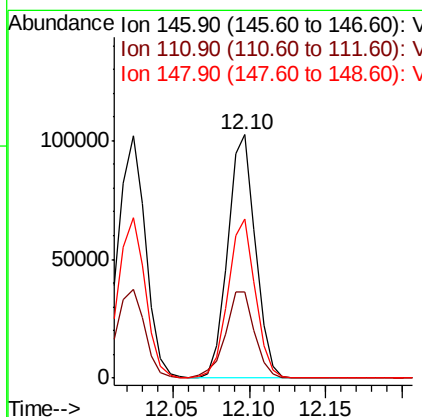
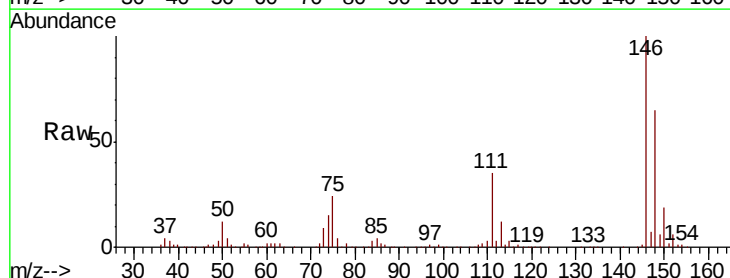
Instrument :
 MSVOA_X
 ClientSampleId :

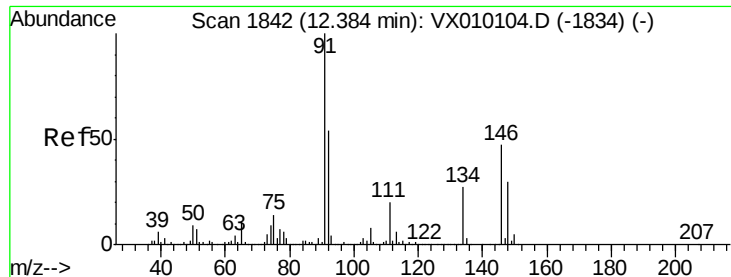
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.1	60.2
148	65.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.676 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	64.8	32.3	96.9

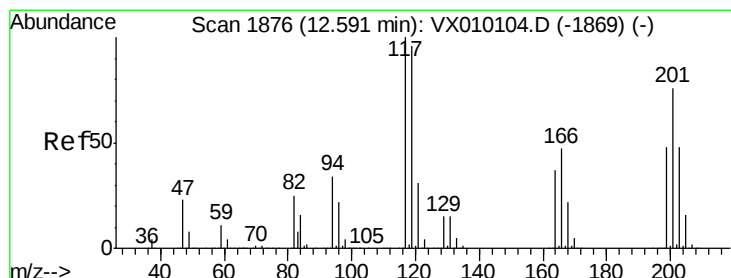
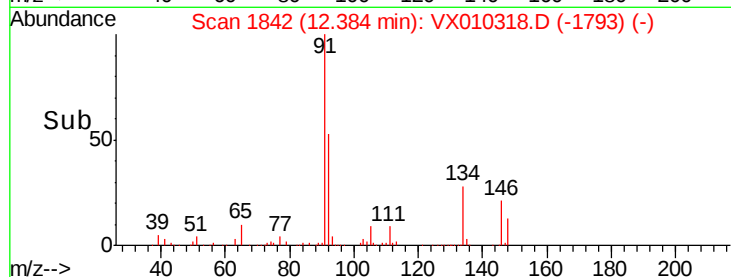
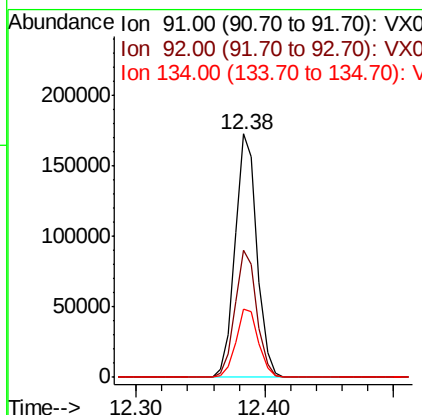
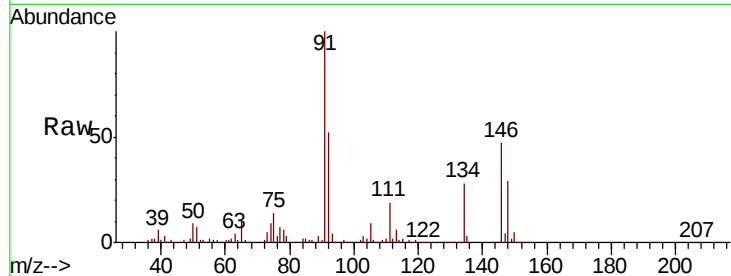




#89
n-Butylbenzene
Concen: 17.641 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

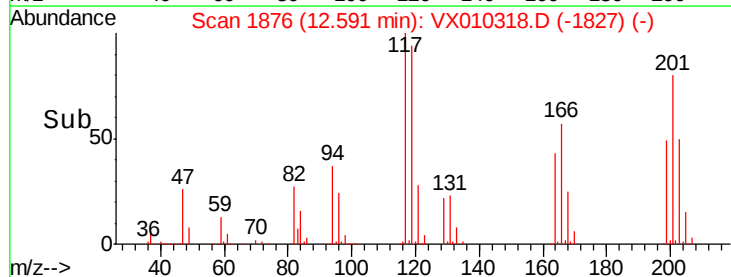
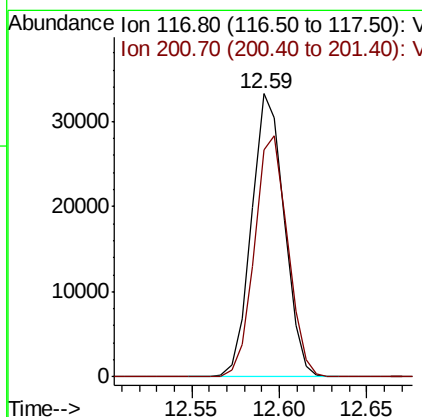
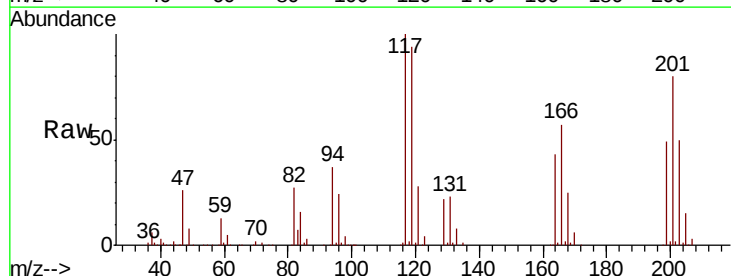
Instrument :
MSVOA_X
ClientSampled :

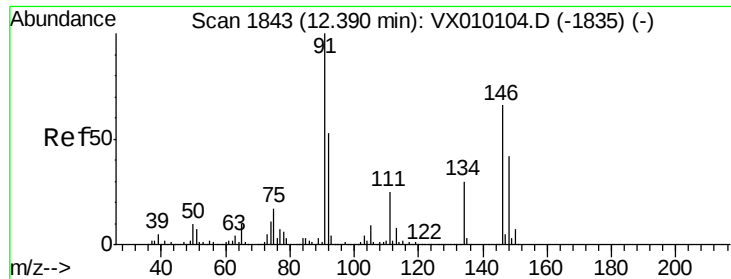
Tot Ion: 91 Resp: 204201
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.8
134 28.8 12.3 36.8



#90
Hexachloroethane
Concen: 16.094 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 117 Resp: 43114
Ion Ratio Lower Upper
117 100
201 86.5 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 18.364 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

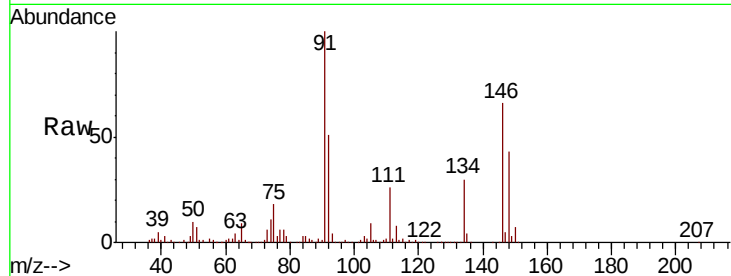
Tot Ion:146 Resp: 128078

Ion Ratio Lower Upper

146 100

111 38.7 21.1 63.1

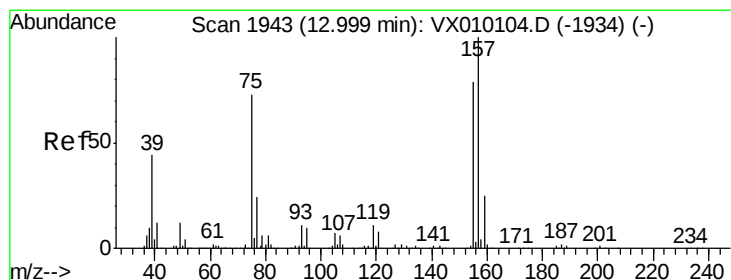
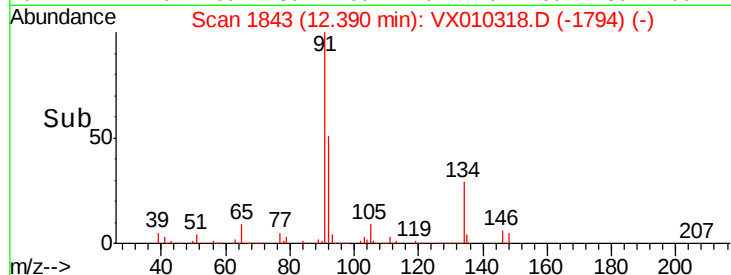
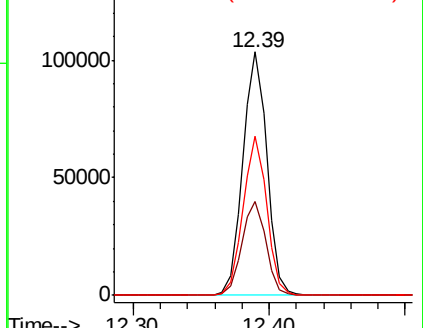
148 64.0 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.175 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

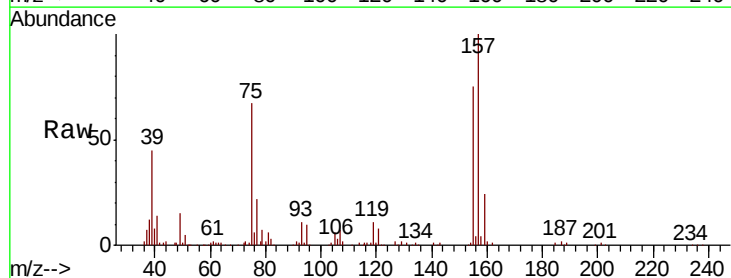
Tgt Ion: 75 Resp: 18105

Ion Ratio Lower Upper

75 100

155 108.2 39.3 117.8

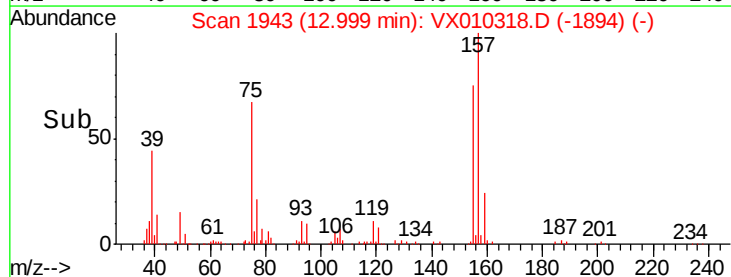
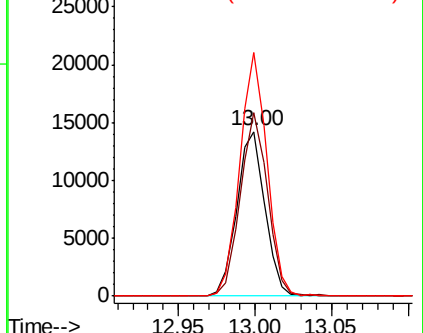
157 142.1 50.6 151.8

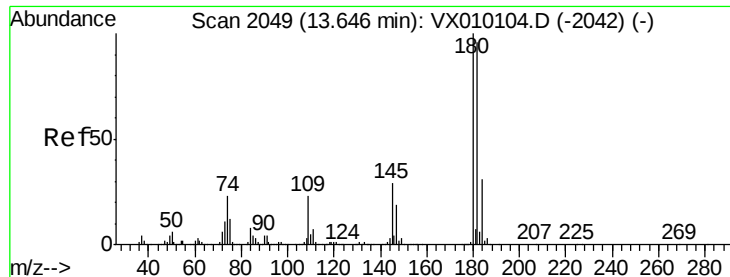


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

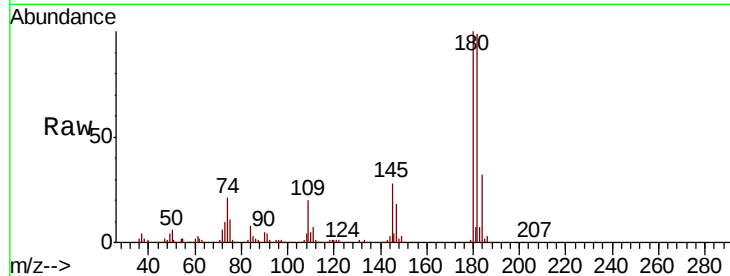




#93
 1,2,4-Trichlorobenzene
 Concen: 17.845 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.4	142.2
145	28.6	14.5	43.5

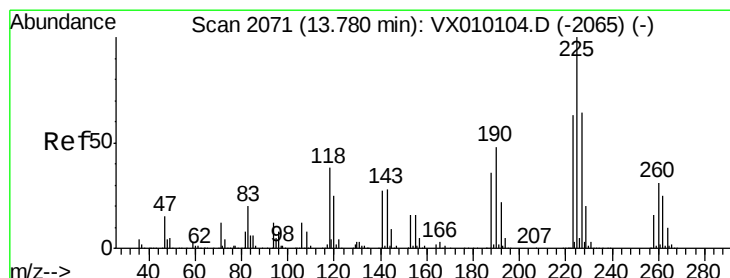
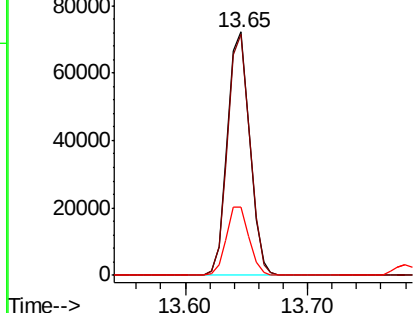
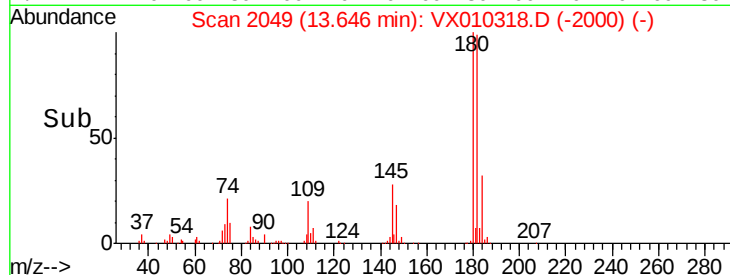


Abundance

Ion 179.80 (179.50 to 180.50): V

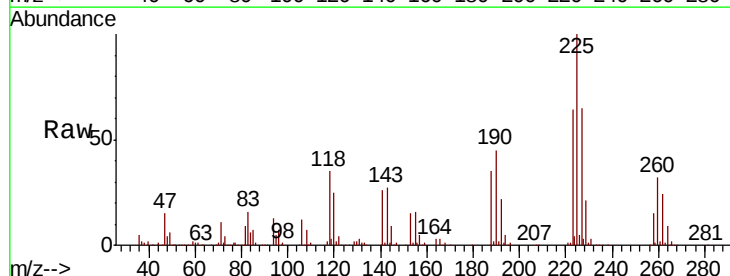
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.074 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.3	93.8
227	62.8	32.3	96.8

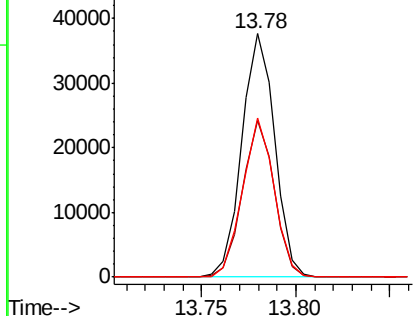
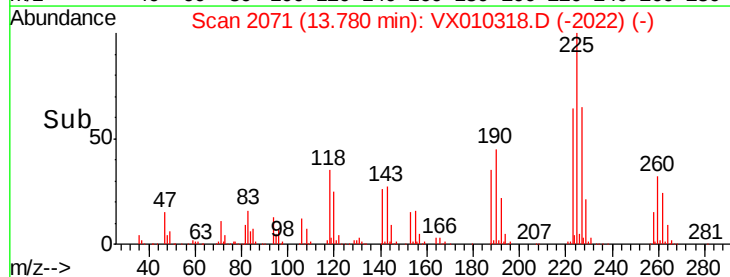


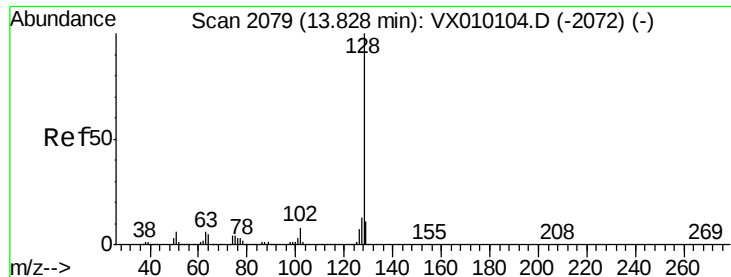
Abundance

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

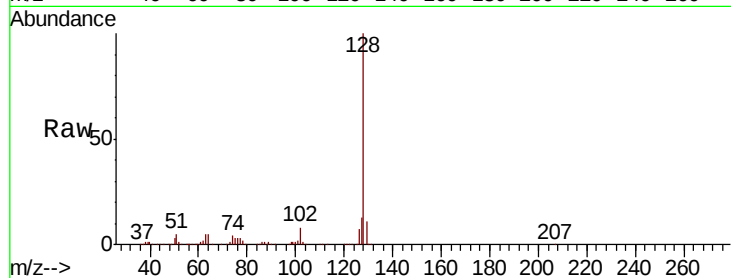




#95
Naphthalene
Concen: 17.490 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	11.2	8.8	13.2

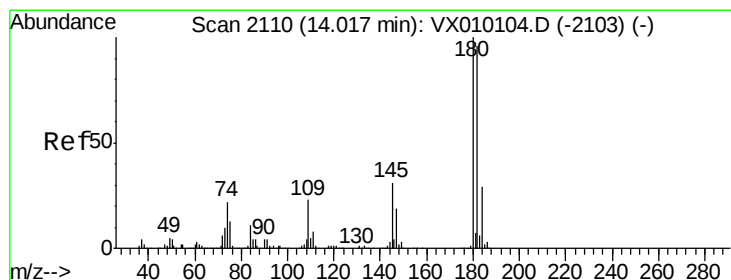
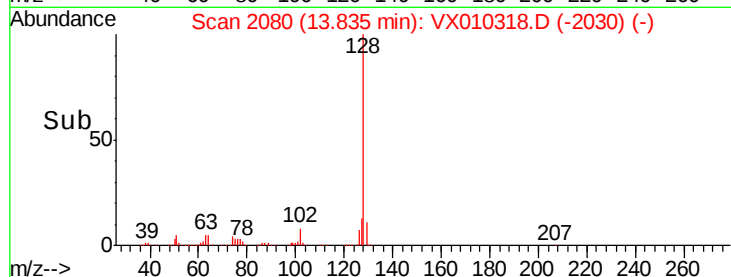
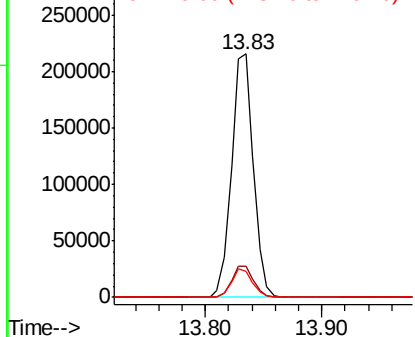


Abundance

Ion 128.00 (127.70 to 128.70): V

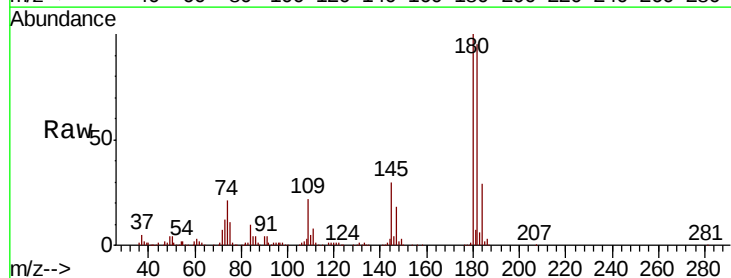
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.341 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	142.0
145	30.3	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

