

Data File : VW011156.D
Acq On : 08 Jul 2019 11:07
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Jul 09 05:47:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 05:44:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	31411	10.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.02%	
35) Dibromofluoromethane	7.88	113	24077	10.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.44%	
50) Toluene-d8	10.32	98	96355	10.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.24%	
62) 4-Bromofluorobenzene	12.62	95	35089	10.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.12%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	18403	10.378	ug/l	97
3) Chloromethane	2.21	50	22911	10.027	ug/l	98
4) Vinyl Chloride	2.35	62	31956	10.686	ug/l	96
5) Bromomethane	2.78	94	15926	10.598	ug/l	93
6) Chloroethane	2.92	64	16211	10.064	ug/l	93
7) Trichlorofluoromethane	3.24	101	9907	9.325	ug/l	93
8) Diethyl Ether	3.67	74	14777	10.053	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26551	10.434	ug/l	96
10) Methyl Iodide	4.28	142	34025	9.721	ug/l	96
11) Tert butyl alcohol	5.17	59	11645	52.649	ug/l	97
12) 1,1-Dichloroethene	4.04	96	25969	9.832	ug/l	98
13) Acrolein	3.89	56	8694	49.362	ug/l	99
14) Allyl chloride	4.66	41	47570	9.877	ug/l	100
15) Acrylonitrile	5.36	53	38360	51.239	ug/l	99
16) Acetone	4.12	43	36938	51.387	ug/l	95
17) Carbon Disulfide	4.38	76	78586	9.814	ug/l	99
18) Methyl Acetate	4.67	43	23060	10.258	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	41204	10.281	ug/l	99
20) Methylene Chloride	4.91	84	29203	10.298	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	27162	9.897	ug/l	92
22) Diisopropyl ether	6.31	45	104666	10.104	ug/l	93
23) Vinyl Acetate	6.25	43	310533	48.438	ug/l	99
24) 1,1-Dichloroethane	6.21	63	53464	9.828	ug/l	99
25) 2-Butanone	7.17	43	57205	50.697	ug/l	97
26) 2,2-Dichloropropane	7.16	77	28697	10.149	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	29540	9.978	ug/l	98
28) Bromochloromethane	7.51	49	24805	10.029	ug/l	100
29) Tetrahydrofuran	7.52	42	38269	51.724	ug/l	99
30) Chloroform	7.67	83	50956	10.115	ug/l	99
31) Cyclohexane	7.95	56	60297	10.419	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	37614	9.815	ug/l	99
36) 1,1-Dichloropropene	8.08	75	41788	9.931	ug/l	99
37) Ethyl Acetate	7.25	43	25644	10.143	ug/l	99
38) Carbon Tetrachloride	8.07	117	34987	9.808	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50369	9.876	ug/l	99
40) Benzene	8.32	78	116269	9.998	ug/l	100
41) Methacrylonitrile	7.48	41	12667	8.760	ug/l	93
42) 1,2-Dichloroethane	8.40	62	37903	10.047	ug/l	100
43) Isopropyl Acetate	8.42	43	47688	9.990	ug/l	100
44) Trichloroethene	9.09	130	27916	9.975	ug/l	99
45) 1,2-Dichloropropane	9.37	63	30674	9.740	ug/l	98
46) Dibromomethane	9.46	93	14826	10.022	ug/l	99
47) Bromodichloromethane	9.64	83	36497	9.642	ug/l	99
48) Methyl methacrylate	9.43	41	21960	9.563	ug/l	99
49) 1,4-Dioxane	9.44	88	4908	198.764	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	124966	50.117	ug/l	100
52) Toluene	10.38	92	69451	9.845	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	38236	9.490	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	45525	9.600	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	21160	10.083	ug/l	96
56) Ethyl methacrylate	10.65	69	30968	9.692	ug/l	99
57) 1,3-Dichloropropane	10.93	76	39394	9.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	75526	50.987	ug/l	99
59) 2-Hexanone	10.97	43	85750	49.588	ug/l	100
60) Dibromochloromethane	11.13	129	22442	9.752	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20083	10.103	ug/l	99
64) Tetrachloroethene	10.86	164	23716	10.118	ug/l	97
65) Chlorobenzene	11.66	112	70397	9.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	24247	9.751	ug/l	99
67) Ethyl Benzene	11.73	91	134841	9.974	ug/l	98
68) m/p-Xylenes	11.84	106	96899	19.809	ug/l	100
69) o-Xylene	12.16	106	45241	9.812	ug/l	99
70) Styrene	12.18	104	77572	9.749	ug/l	98
71) Bromoform	12.35	173	12744	9.640	ug/l #	96
73) Isopropylbenzene	12.46	105	123713	9.620	ug/l	100
74) N-amyl acetate	12.27	43	42691	9.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	26436	10.028	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34413	17.263	ug/l #	100
77) Bromobenzene	12.75	156	28323	9.814	ug/l	99
78) n-propylbenzene	12.80	91	154792	9.771	ug/l	99
79) 2-Chlorotoluene	12.90	91	89261	9.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	107029	9.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	8054	9.163	ug/l	95
82) 4-Chlorotoluene	12.99	91	94627	9.966	ug/l	99
83) tert-Butylbenzene	13.21	119	88925	9.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	107370	9.787	ug/l	99
85) sec-Butylbenzene	13.38	105	129042	9.815	ug/l	99
86) p-Isopropyltoluene	13.50	119	114175	9.682	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	54253	9.770	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	55713	9.964	ug/l	96
89) n-Butylbenzene	13.82	91	114002	9.691	ug/l	100
90) Hexachloroethane	14.10	117	20580	9.550	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	50913	10.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4688	10.026	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070819\
Quantitation Report (Not Reviewed)

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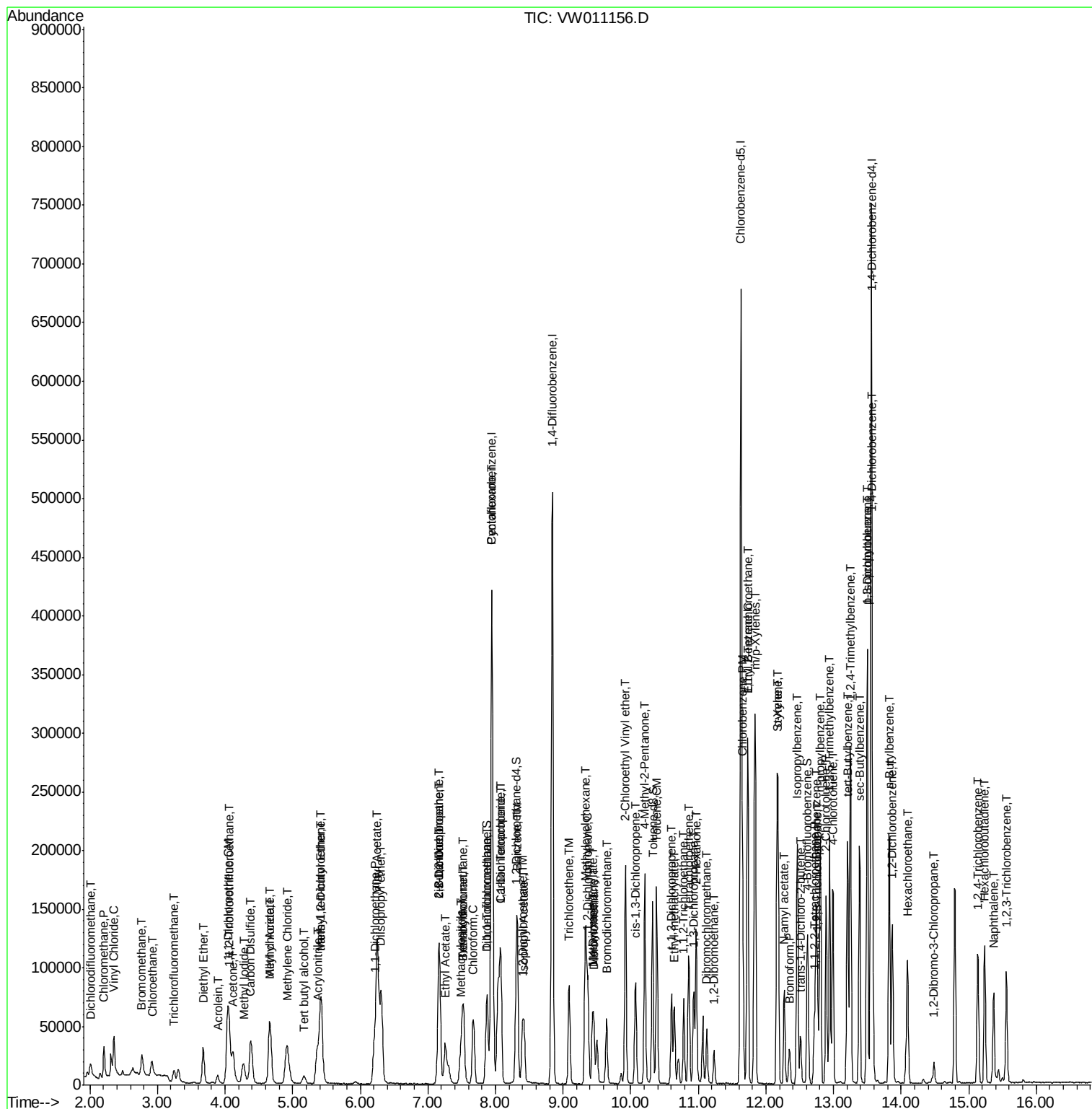
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	33793	9.739	ug/l	97
94) Hexachlorobutadiene	15.24	225	21686	10.180	ug/l	99
95) Naphthalene	15.37	128	62603	9.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	29781	9.725	ug/l	98

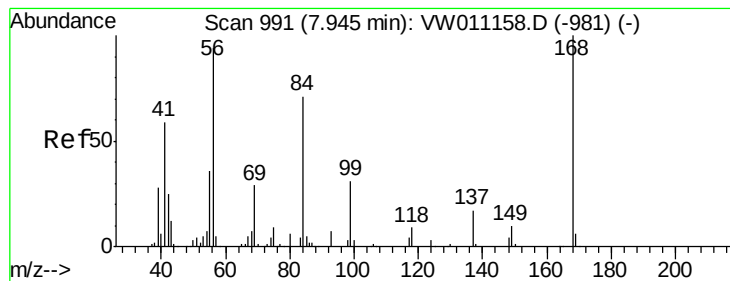
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

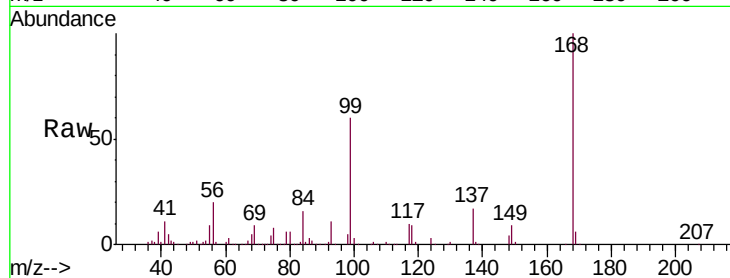
VSTDIC010

Tgt Ion: 168 Resp: 237755

Ion Ratio Lower Upper

168 100

99 59.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

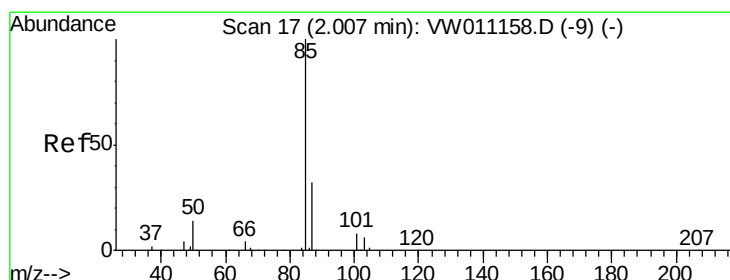
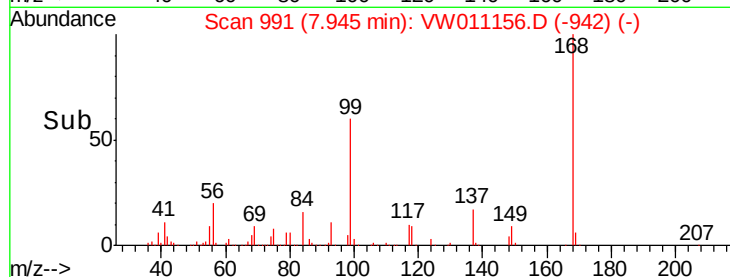
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 10.378 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011156.D

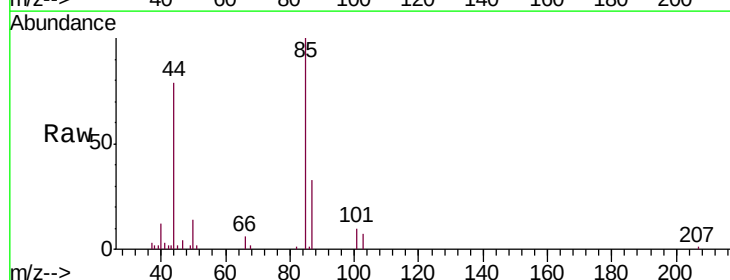
Acq: 08 Jul 2019 11:07

Tgt Ion: 85 Resp: 18403

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

4000

2000

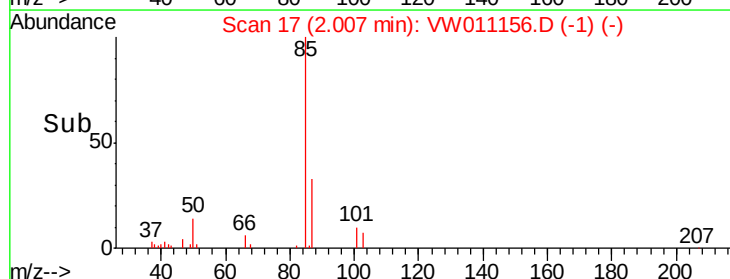
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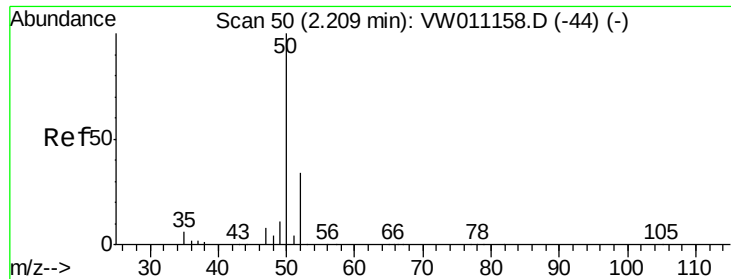
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 10.027 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

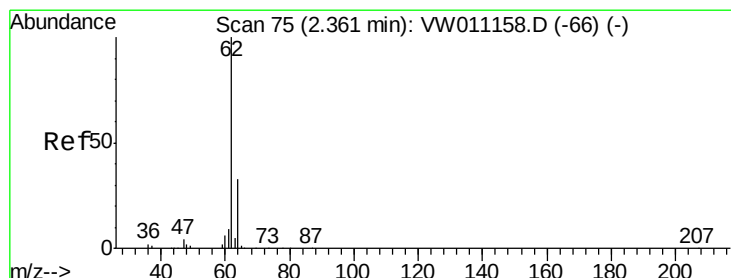
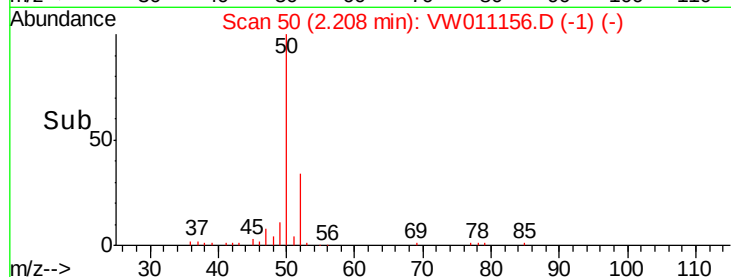
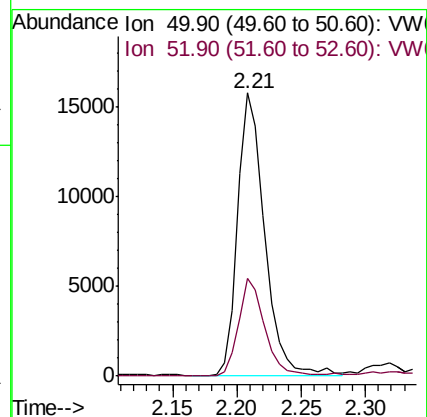
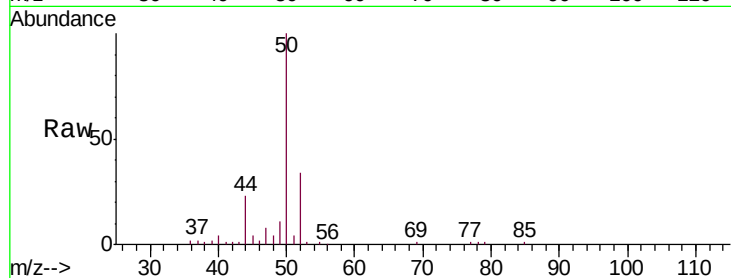
VSTDIC010

Tgt Ion: 50 Resp: 22911

Ion Ratio Lower Upper

50 100

52 34.5 26.9 40.3



#4

Vinyl Chloride

Concen: 10.686 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011156.D

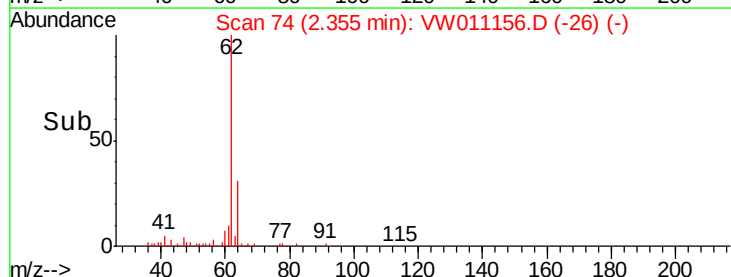
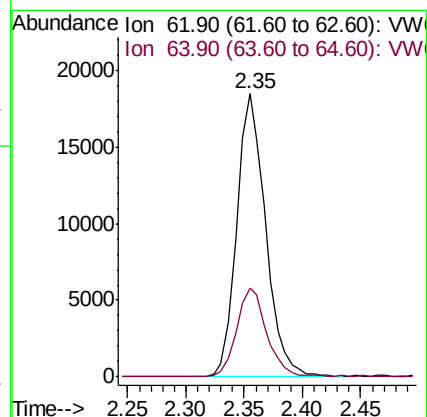
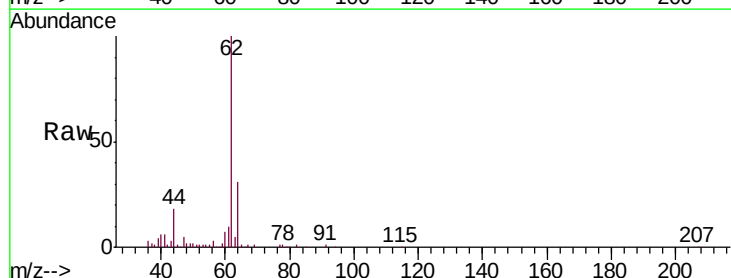
Acq: 08 Jul 2019 11:07

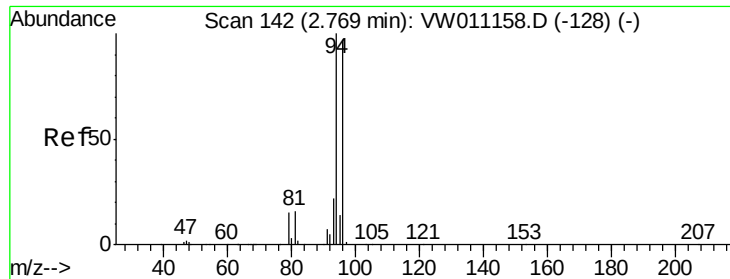
Tgt Ion: 62 Resp: 31956

Ion Ratio Lower Upper

62 100

64 31.3 26.6 40.0





#5

Bromomethane

Concen: 10.598 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

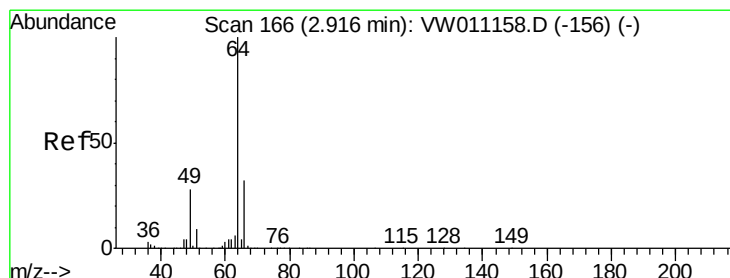
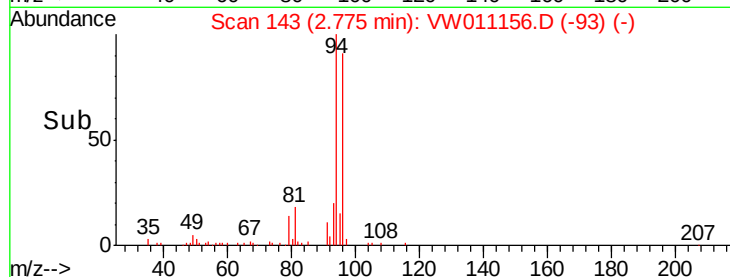
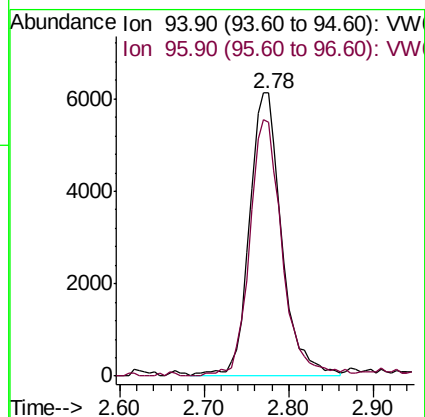
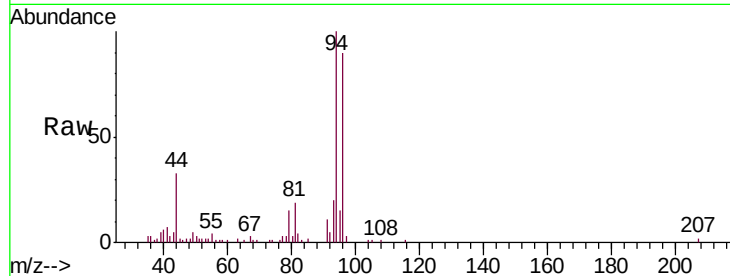
VSTDIC010

Tgt Ion: 94 Resp: 15926

Ion Ratio Lower Upper

94 100

96 89.6 77.4 116.0



#6

Chloroethane

Concen: 10.064 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

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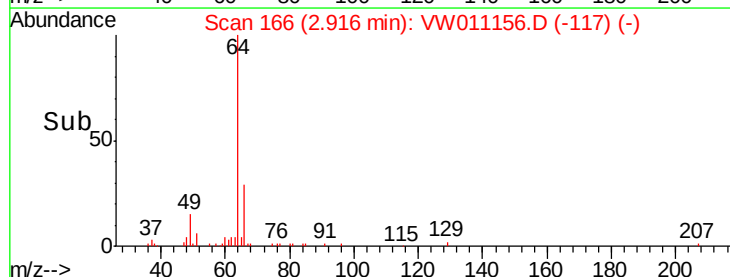
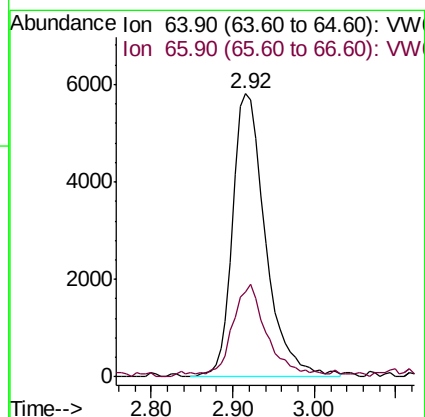
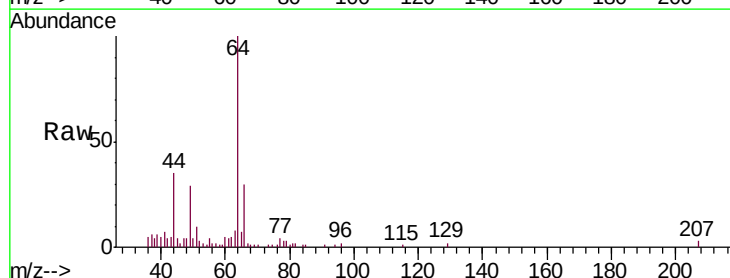
Acq: 08 Jul 2019 11:07

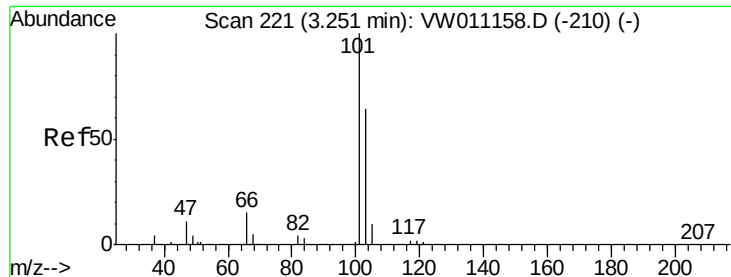
Tgt Ion: 64 Resp: 16211

Ion Ratio Lower Upper

64 100

66 28.5 25.8 38.8



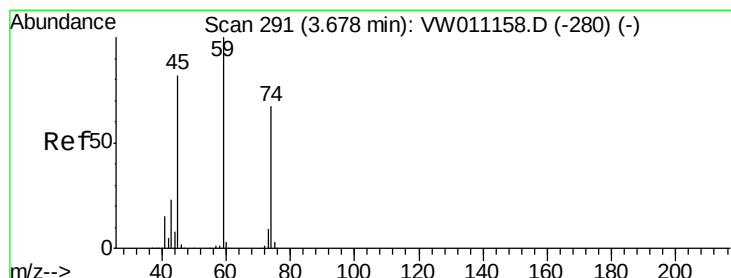
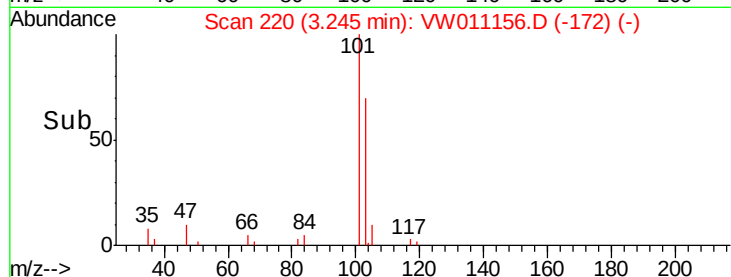
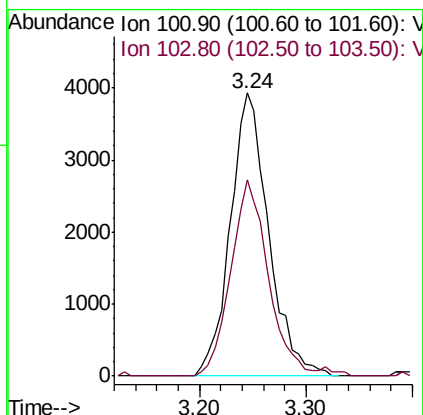
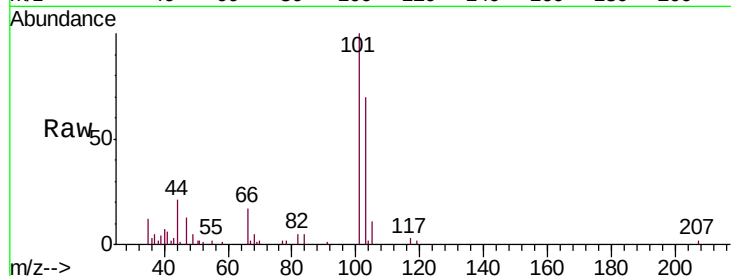


#7

Trichlorofluoromethane
 Concen: 9.325 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
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 VSTDIC010

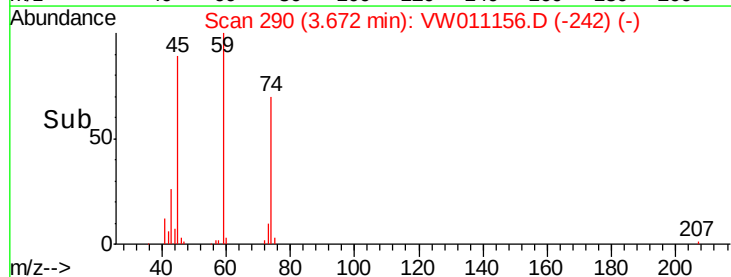
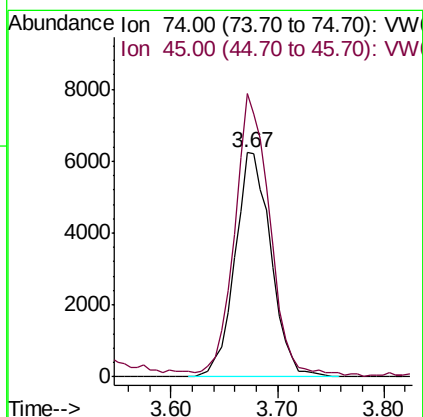
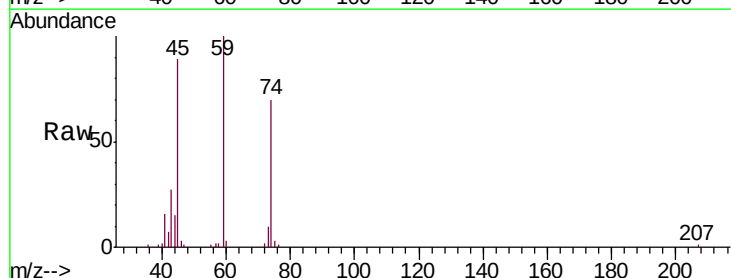
Tgt Ion:101 Resp: 9907
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.3 76.9

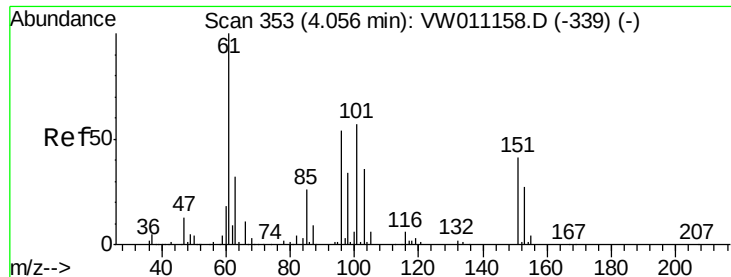


#8

Diethyl Ether
 Concen: 10.053 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 74 Resp: 14777
 Ion Ratio Lower Upper
 74 100
 45 124.7 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.434 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

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Instrument :

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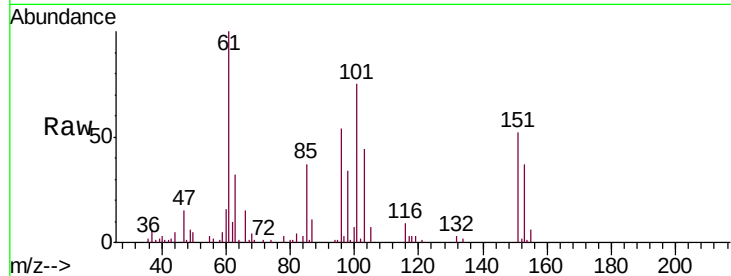
Tgt Ion:101 Resp: 26551

Ion Ratio Lower Upper

101 100

85 44.5 36.5 54.7

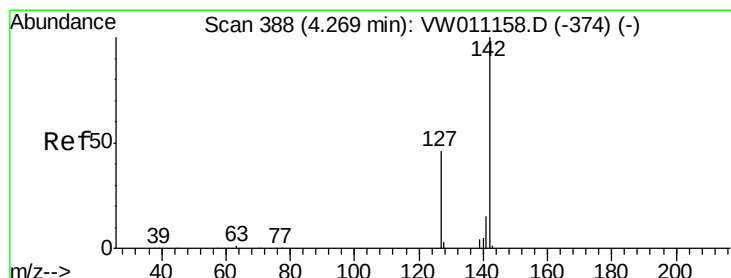
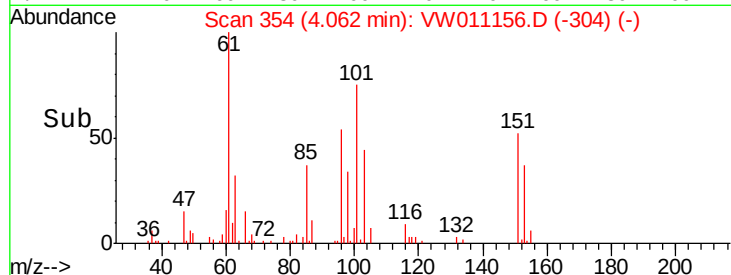
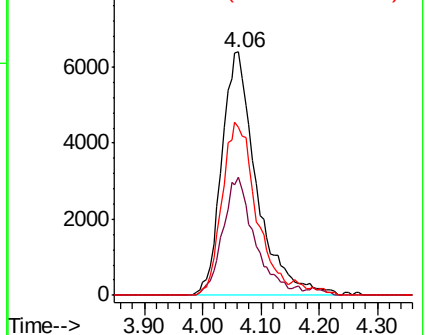
151 69.3 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.721 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

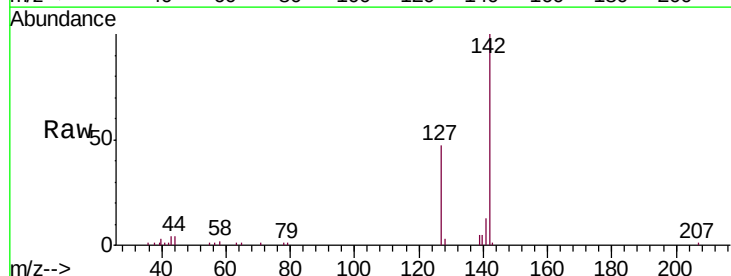
Tgt Ion:142 Resp: 34025

Ion Ratio Lower Upper

142 100

127 46.9 35.7 53.5

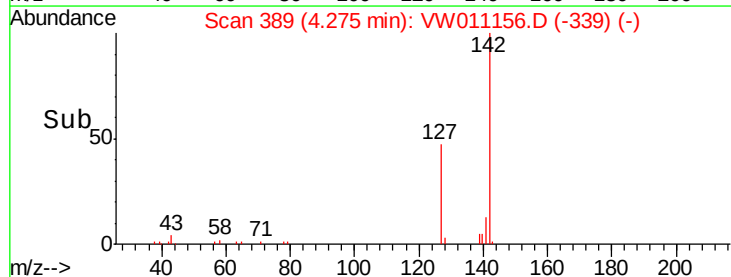
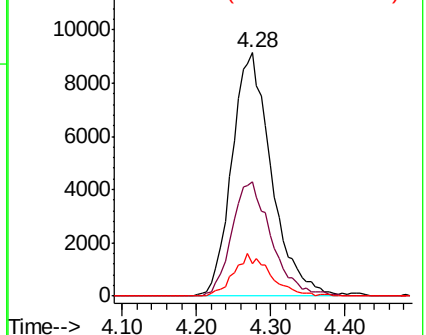
141 16.0 11.5 17.3

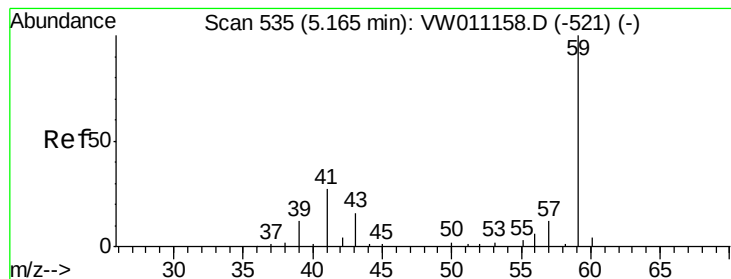


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 52.649 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

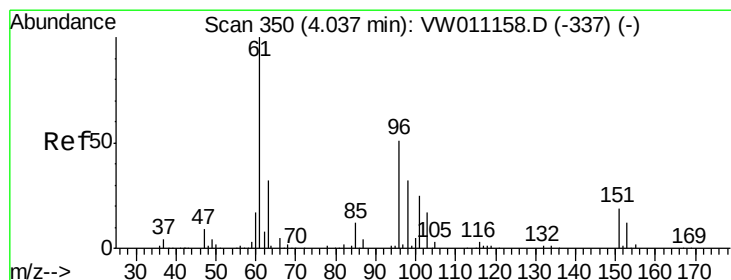
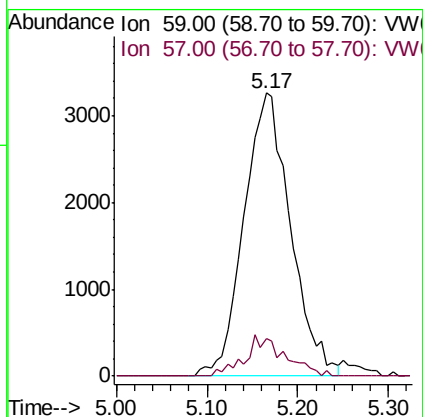
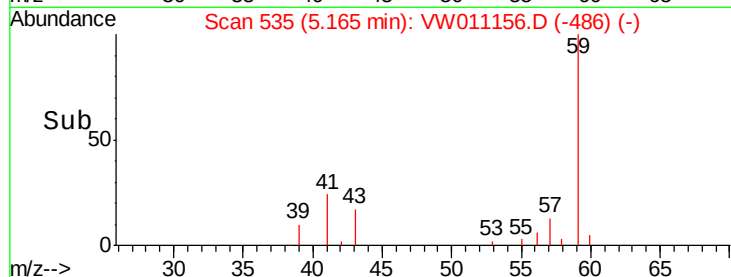
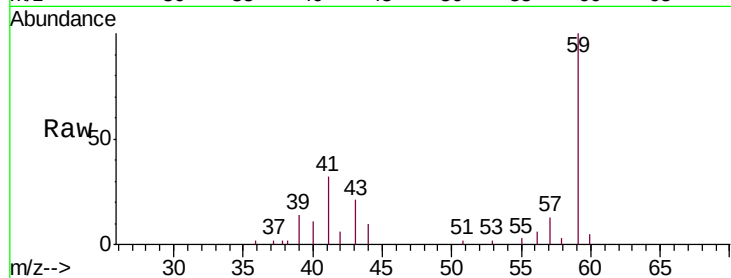
VSTDIC010

Tgt Ion: 59 Resp: 11645

Ion Ratio Lower Upper

59 100

57 12.4 9.0 13.6



#12

1,1-Dichloroethene

Concen: 9.832 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

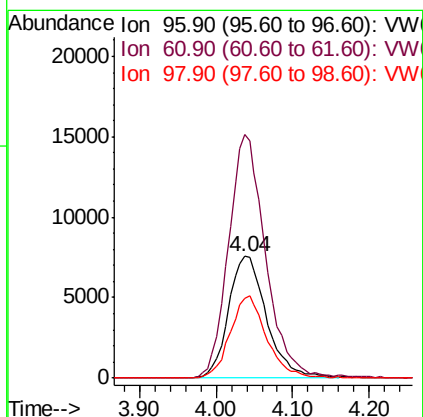
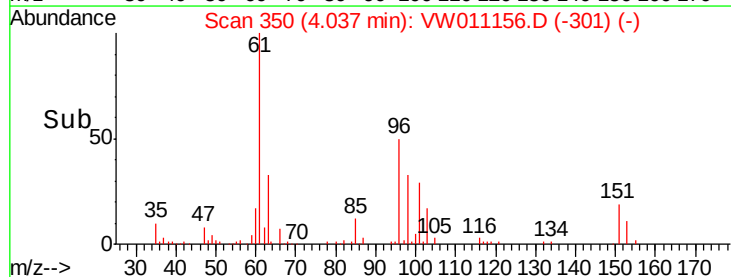
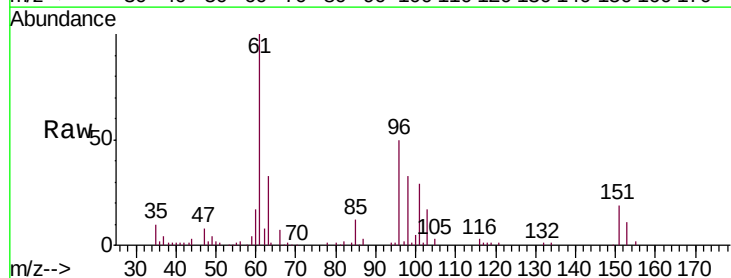
Tgt Ion: 96 Resp: 25969

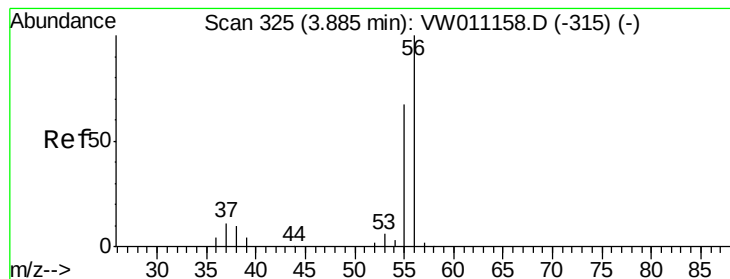
Ion Ratio Lower Upper

96 100

61 199.8 157.7 236.5

98 65.1 50.9 76.3





#13

Acrolein

Concen: 49.362 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

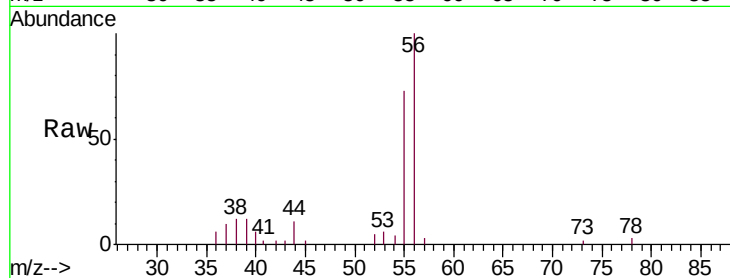
VSTDIC010

Tgt Ion: 56 Resp: 8694

Ion Ratio Lower Upper

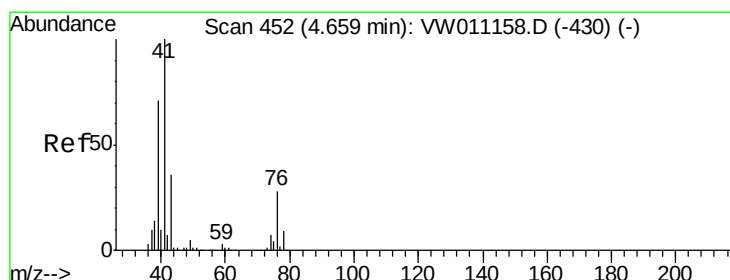
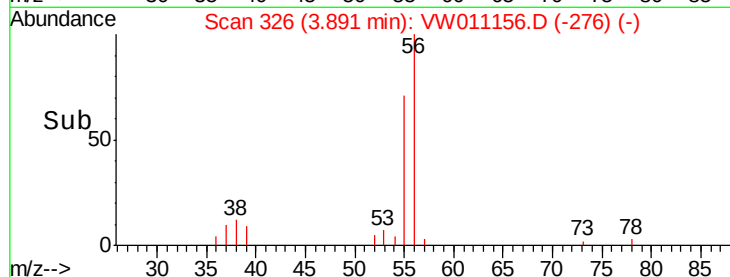
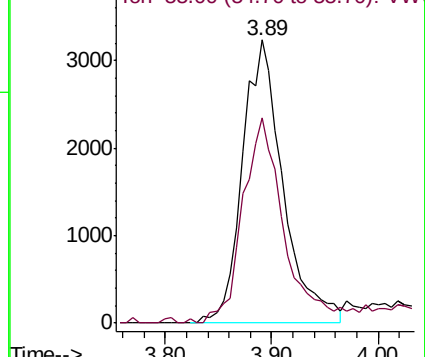
56 100

55 71.7 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 9.877 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

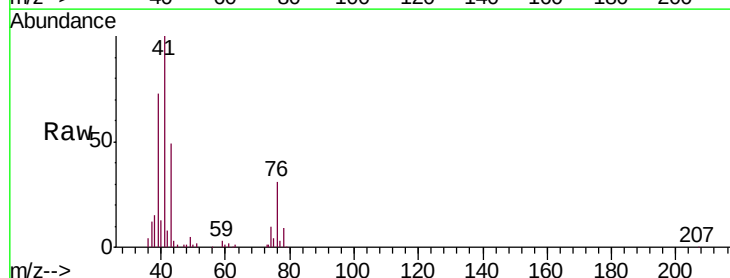
Tgt Ion: 41 Resp: 47570

Ion Ratio Lower Upper

41 100

39 69.1 55.1 82.7

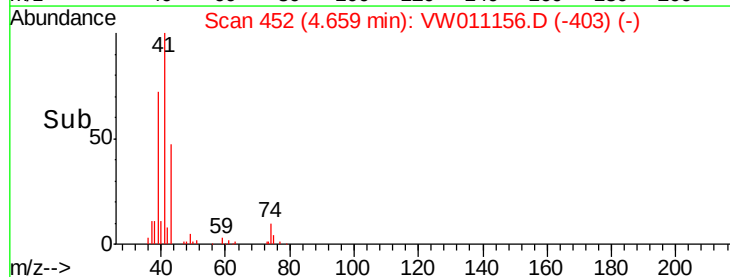
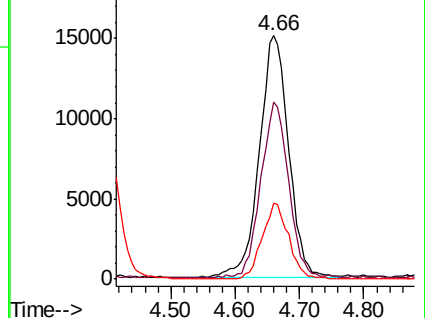
76 28.1 22.5 33.7

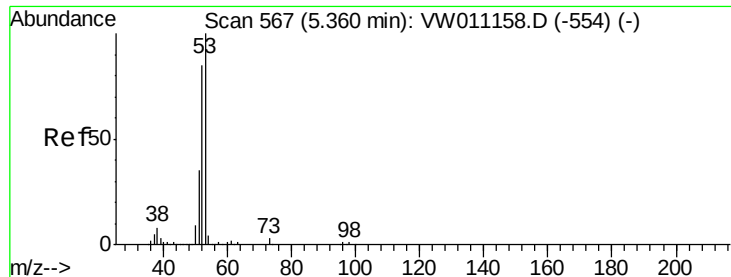


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 51.239 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

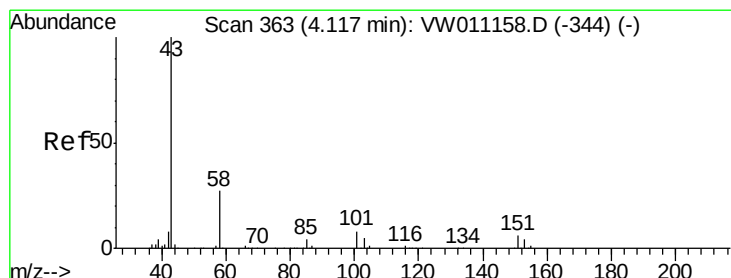
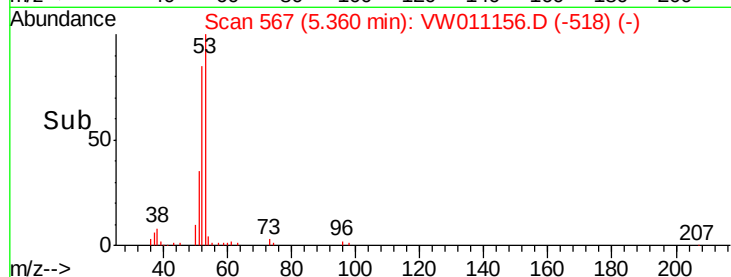
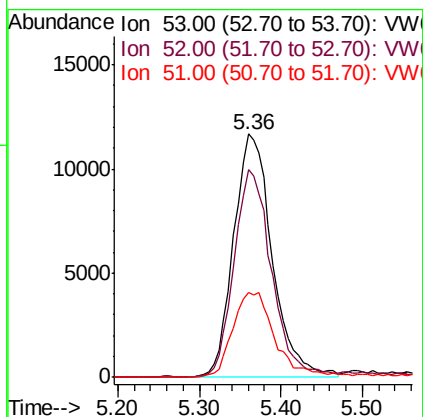
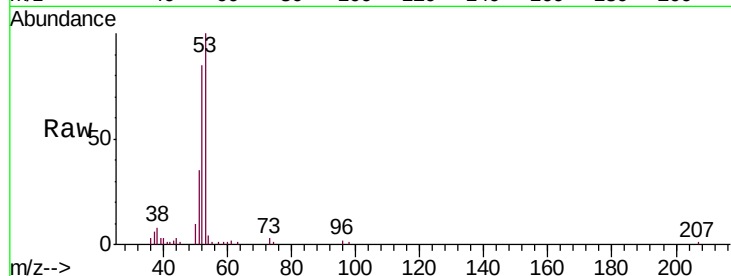
Tgt Ion: 53 Resp: 38360

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

51 38.2 29.1 43.7



#16

Acetone

Concen: 51.387 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011156.D

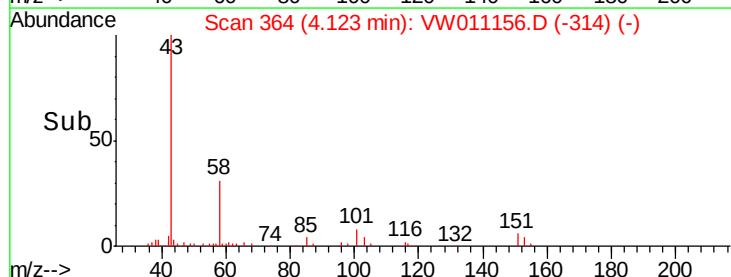
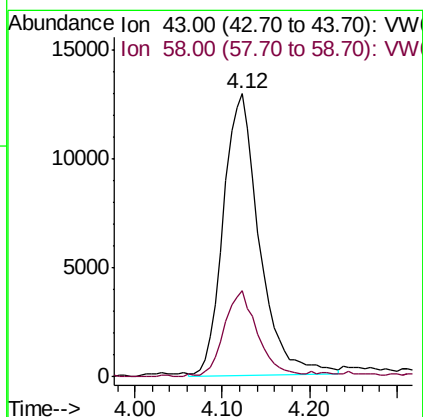
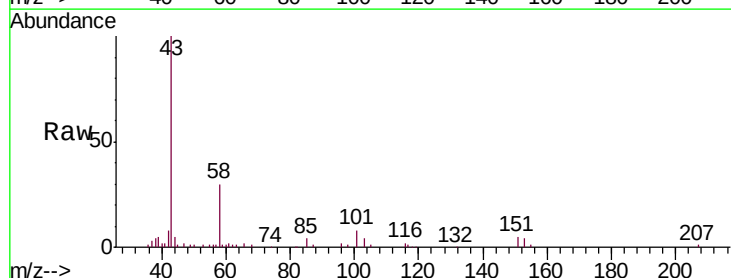
Acq: 08 Jul 2019 11:07

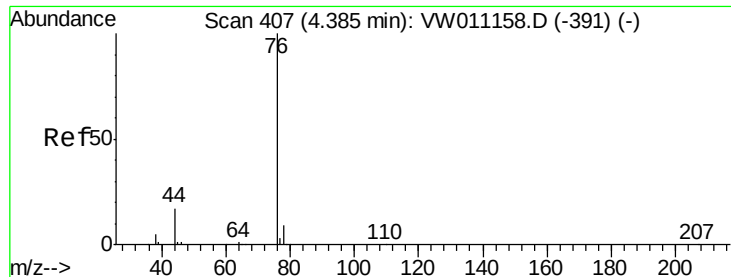
Tgt Ion: 43 Resp: 36938

Ion Ratio Lower Upper

43 100

58 29.8 21.8 32.6





#17

Carbon Disulfide

Concen: 9.814 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

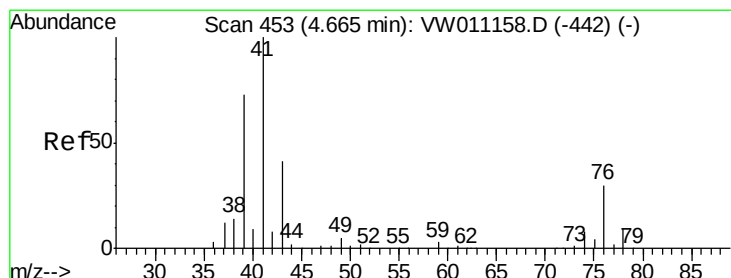
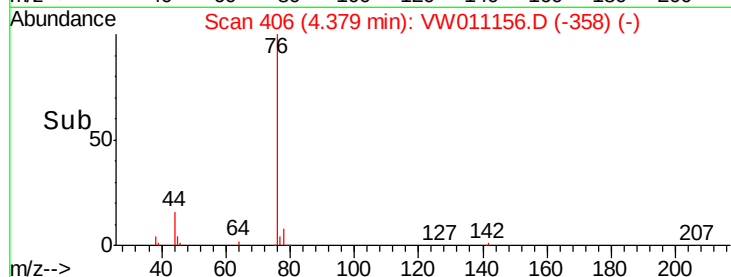
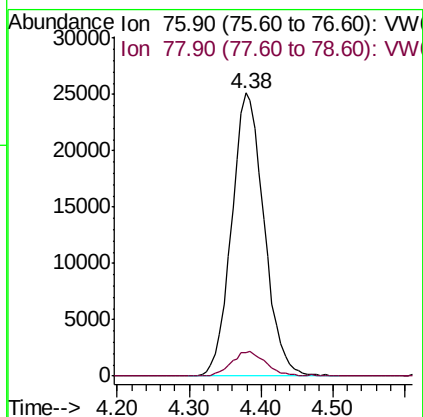
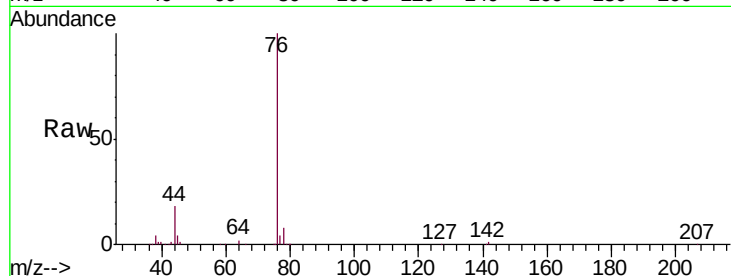
VSTDIC010

Tgt Ion: 76 Resp: 78586

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#18

Methyl Acetate

Concen: 10.258 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011156.D

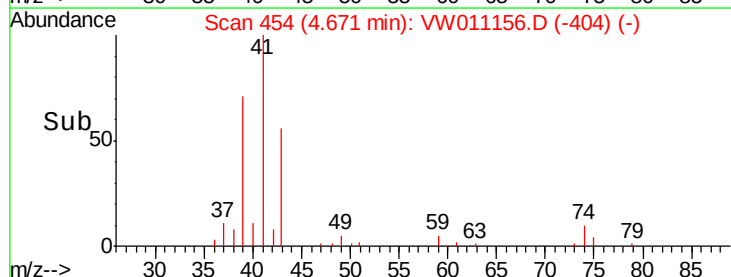
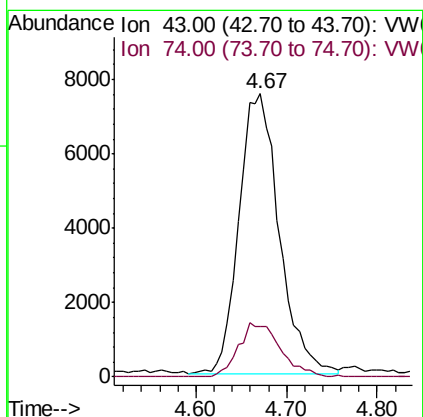
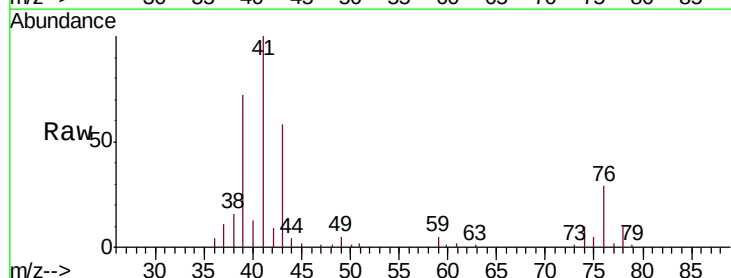
Acq: 08 Jul 2019 11:07

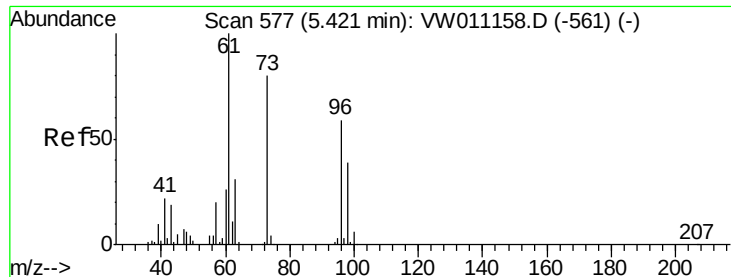
Tgt Ion: 43 Resp: 23060

Ion Ratio Lower Upper

43 100

74 20.0 15.7 23.5



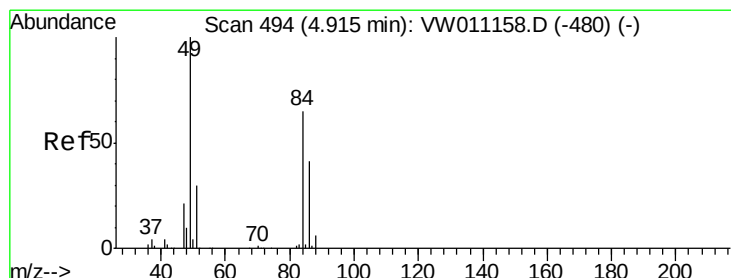
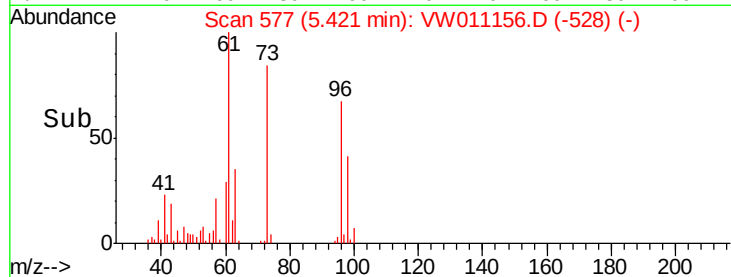
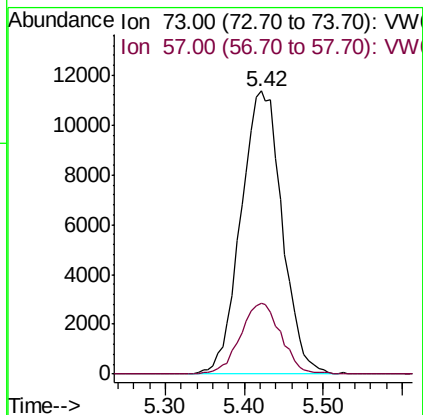
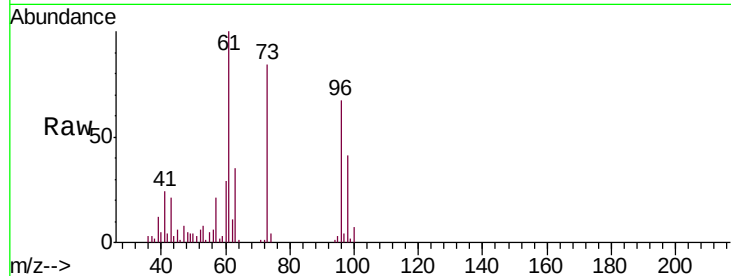


#19

Methyl tert-butyl Ether
 Concen: 10.281 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

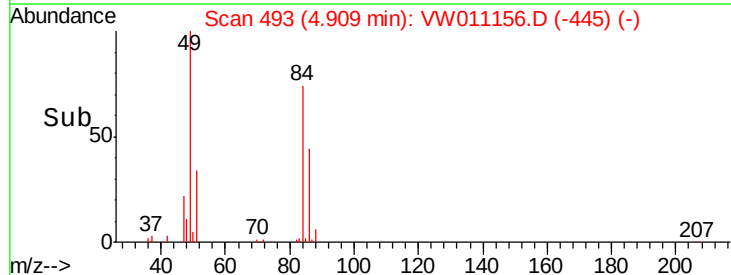
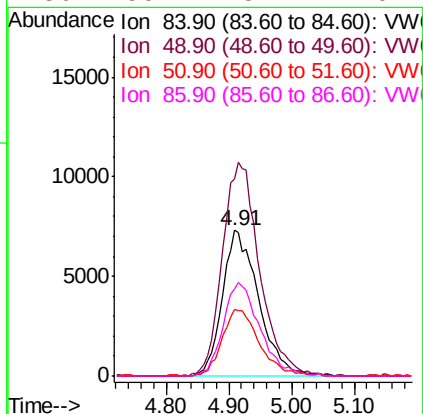
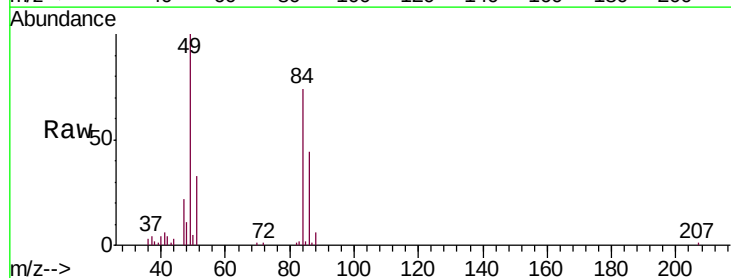
Tgt Ion: 73 Resp: 41204
 Ion Ratio Lower Upper
 73 100
 57 25.2 19.7 29.5

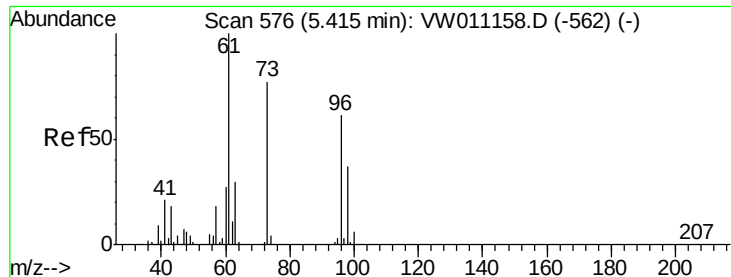


#20

Methylene Chloride
 Concen: 10.298 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 84 Resp: 29203
 Ion Ratio Lower Upper
 84 100
 49 135.5 123.8 185.6
 51 45.4 37.4 56.2
 86 59.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 9.897 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

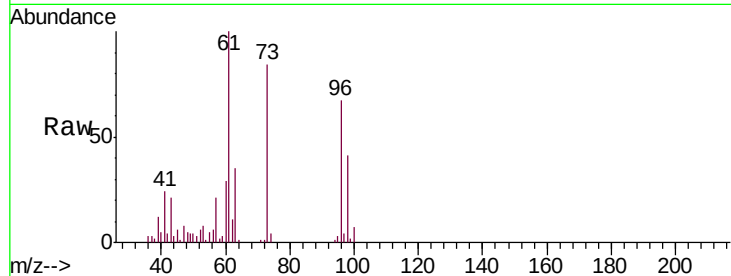
Tgt Ion: 96 Resp: 27162

Ion Ratio Lower Upper

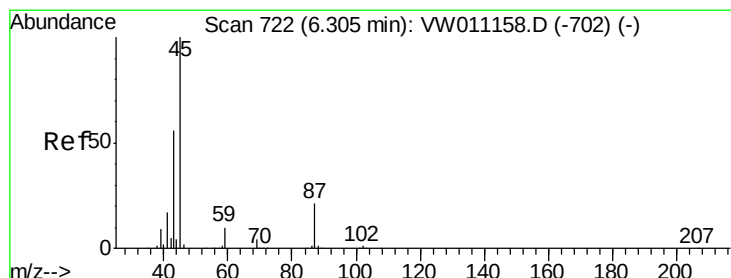
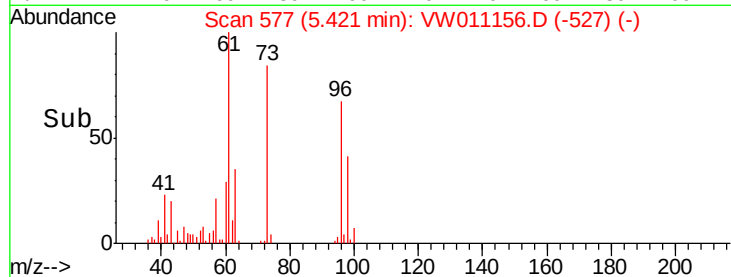
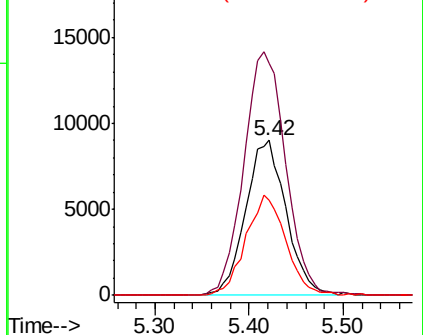
96 100

61 149.7 132.2 198.2

98 61.5 49.4 74.0



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



#22

Diisopropyl ether

Concen: 10.104 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Tgt Ion: 45 Resp: 104666

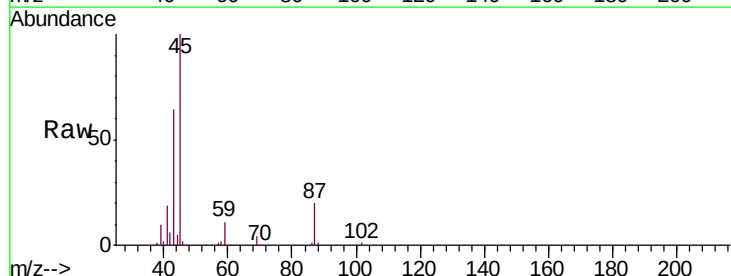
Ion Ratio Lower Upper

45 100

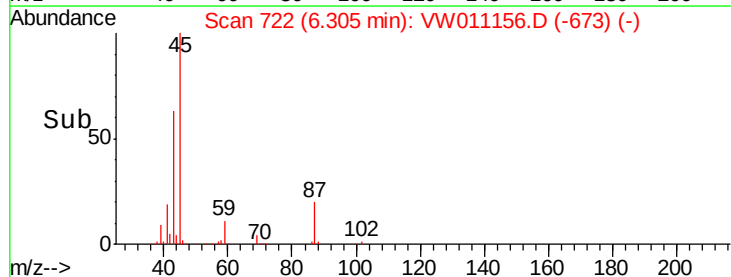
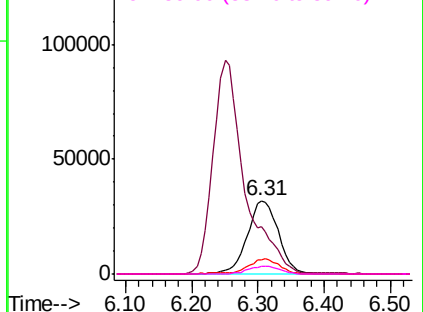
43 62.4 44.6 66.8

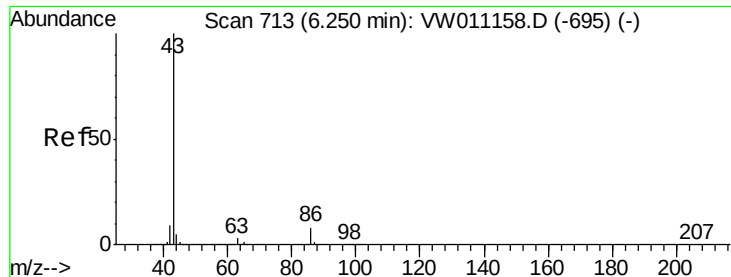
87 19.7 17.3 25.9

59 10.5 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 48.438 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

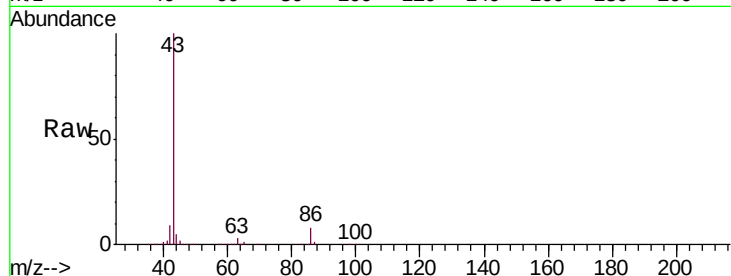
VSTDIC010

Tgt Ion: 43 Resp: 310533

Ion Ratio Lower Upper

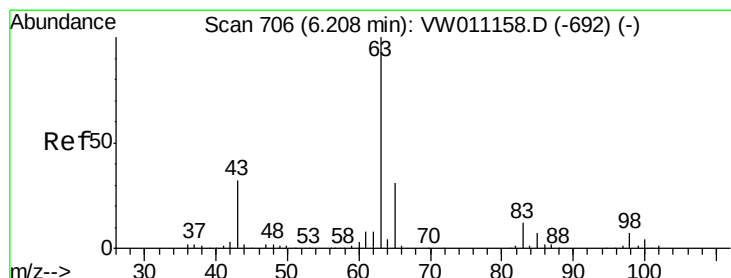
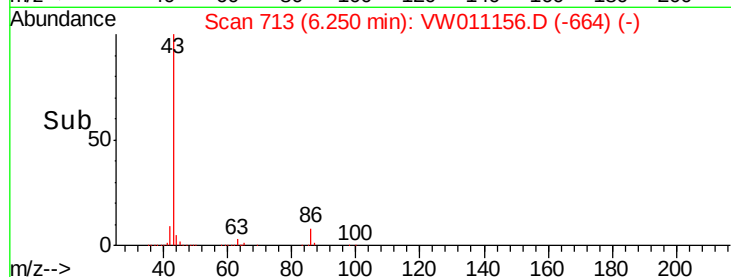
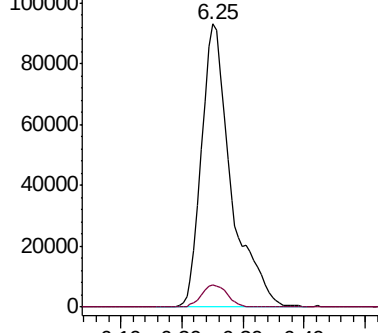
43 100

86 7.8 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 9.828 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

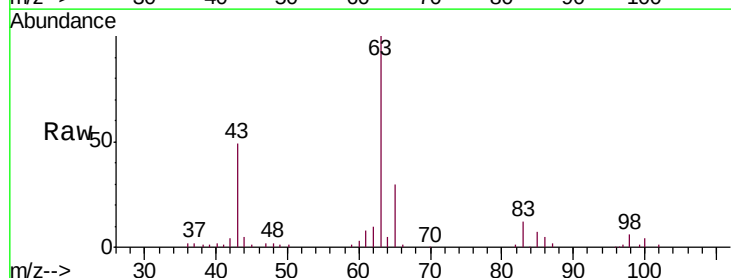
Tgt Ion: 63 Resp: 53464

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

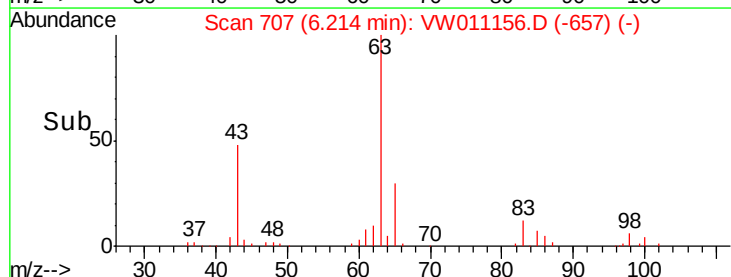
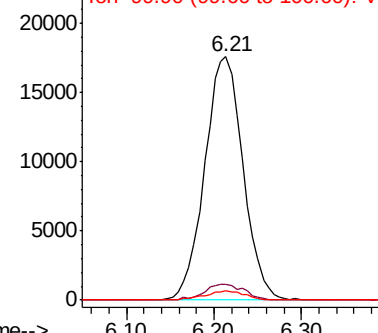
100 3.8 2.1 6.2

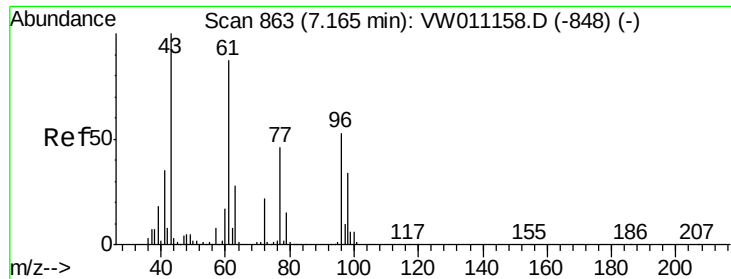


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 50.697 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

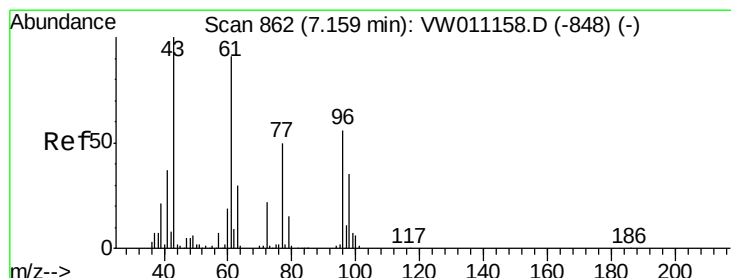
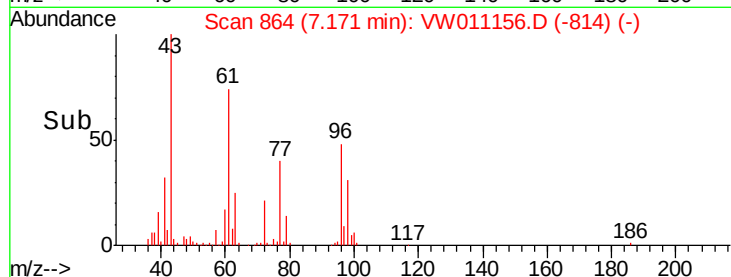
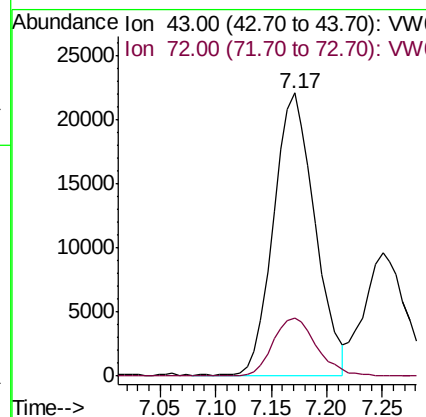
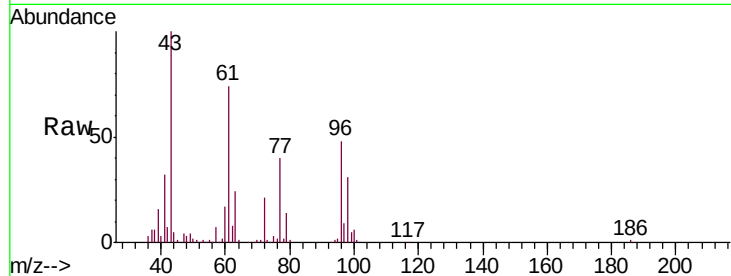
VSTDIC010

Tgt Ion: 43 Resp: 57205

Ion Ratio Lower Upper

43 100

72 20.5 17.6 26.4



#26

2,2-Dichloropropane

Concen: 10.149 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW011156.D

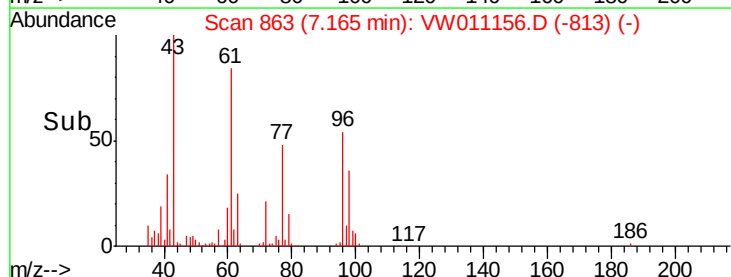
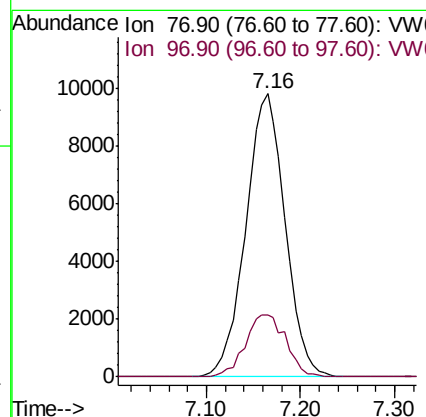
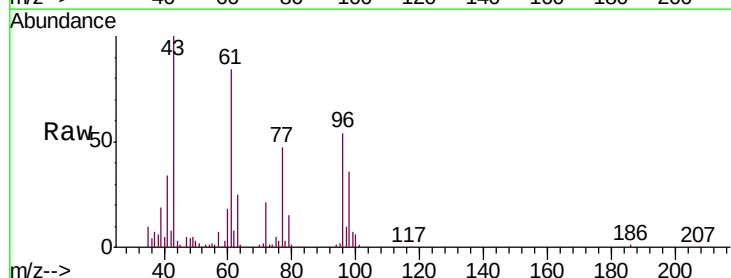
Acq: 08 Jul 2019 11:07

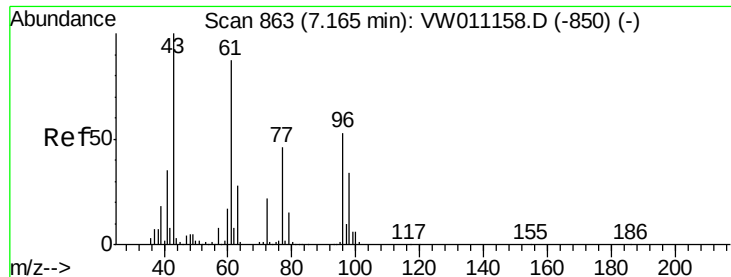
Tgt Ion: 77 Resp: 28697

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 9.978 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

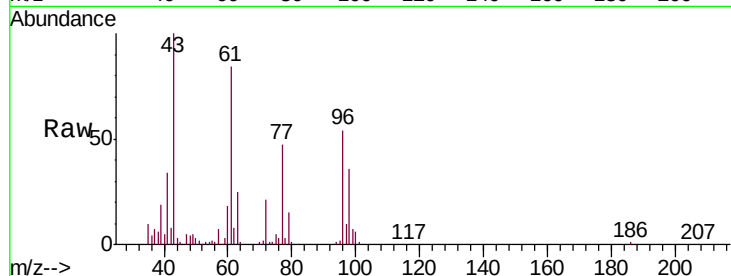
Tgt Ion: 96 Resp: 29540

Ion Ratio Lower Upper

96 100

61 158.6 0.0 325.6

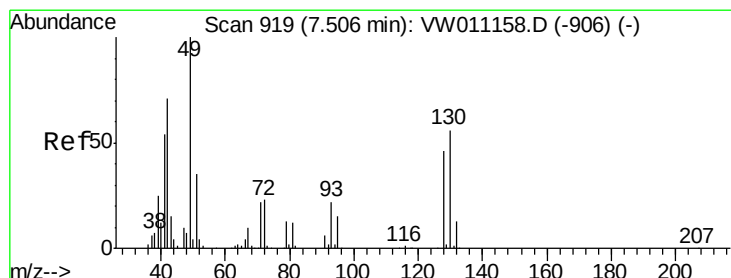
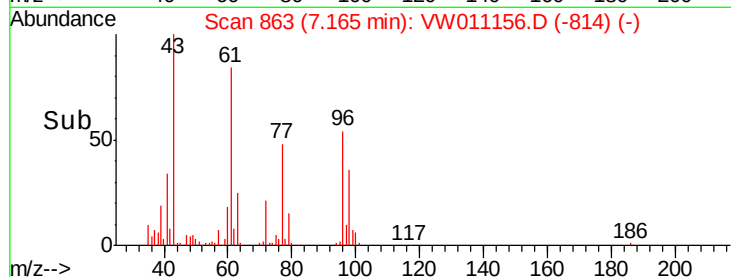
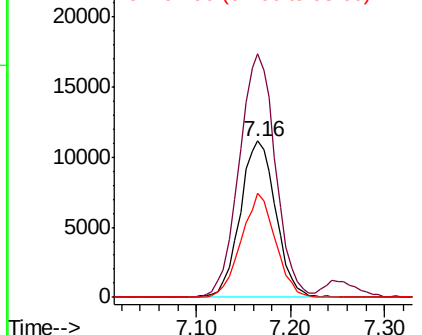
98 63.7 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 10.029 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

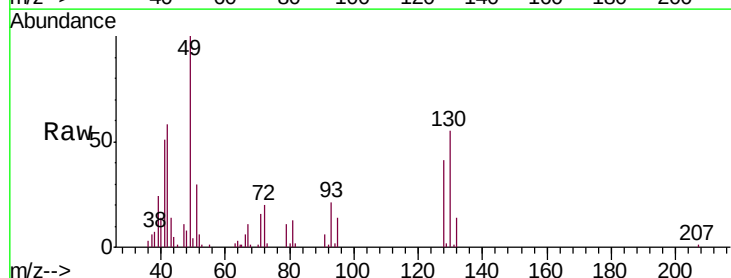
Tgt Ion: 49 Resp: 24805

Ion Ratio Lower Upper

49 100

129 1.3 0.0 1.4

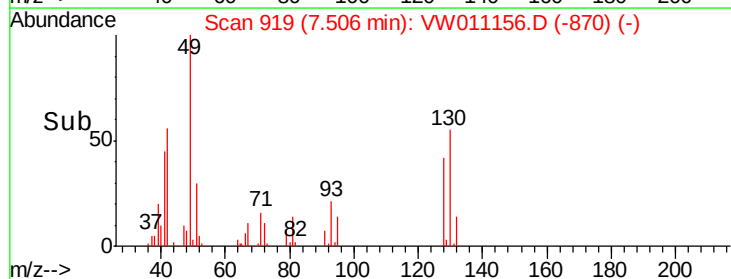
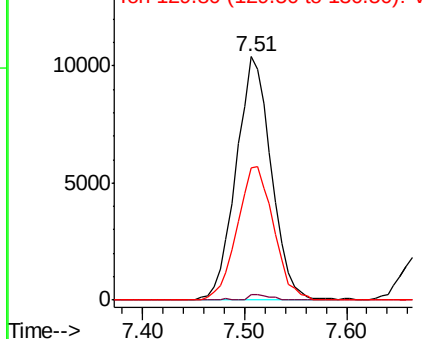
130 57.0 45.8 68.8

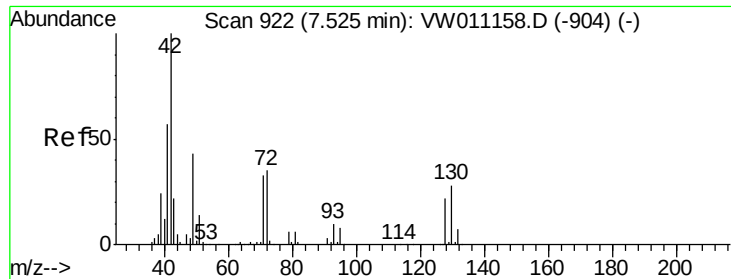


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

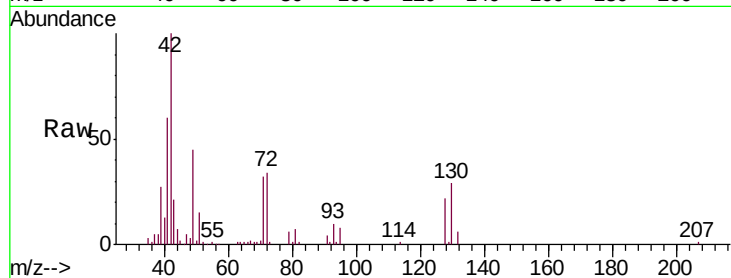




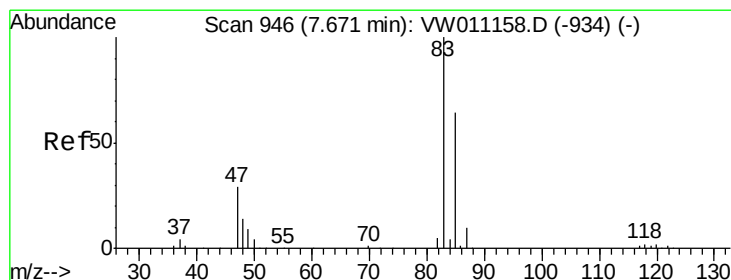
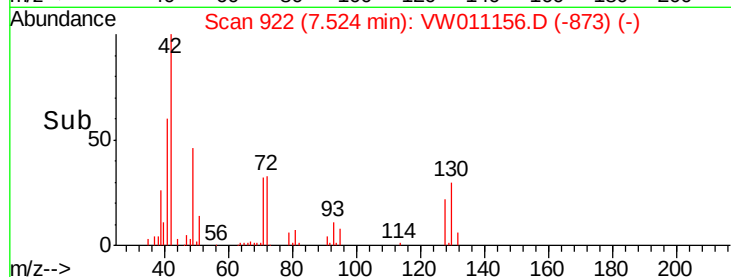
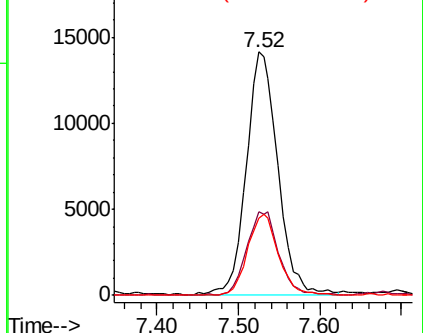
#29
Tetrahydrofuran
Concen: 51.724 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 38269
Ion Ratio Lower Upper
42 100
72 34.8 27.4 41.2
71 32.4 25.9 38.9

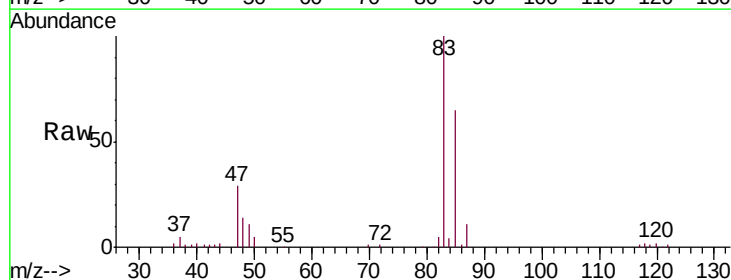


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

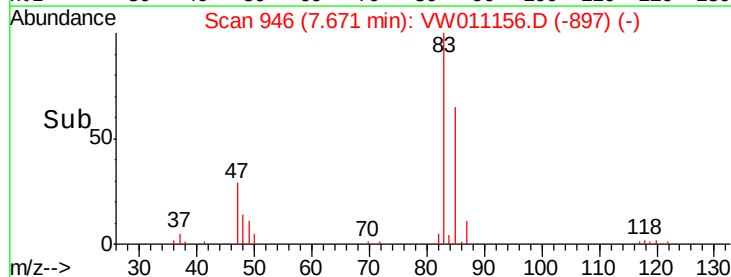
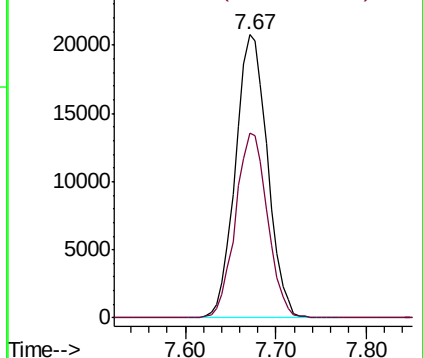


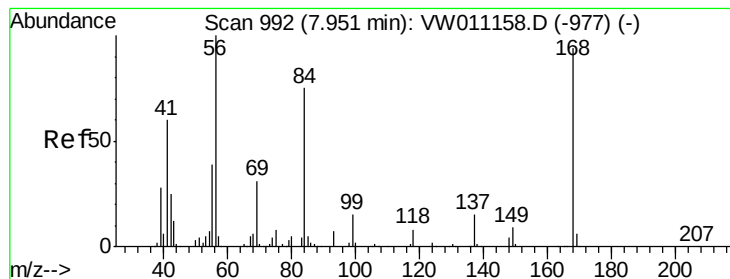
#30
Chloroform
Concen: 10.115 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 83 Resp: 50956
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 10.419 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

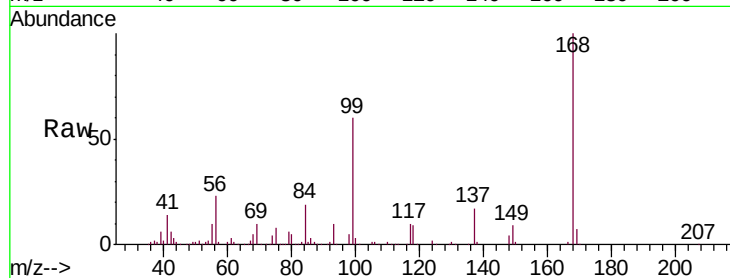
Tgt Ion: 56 Resp: 60297

Ion Ratio Lower Upper

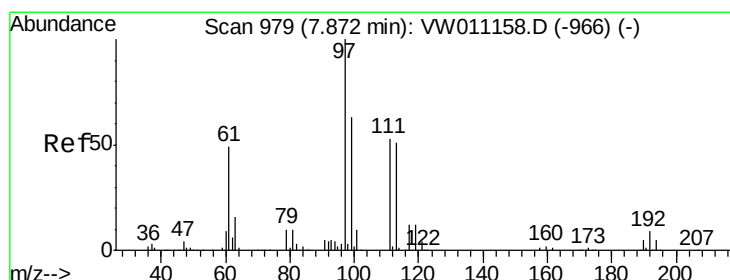
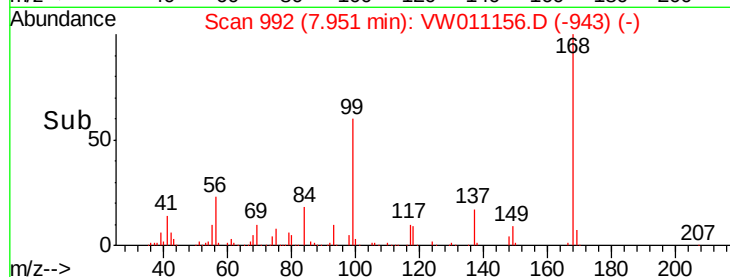
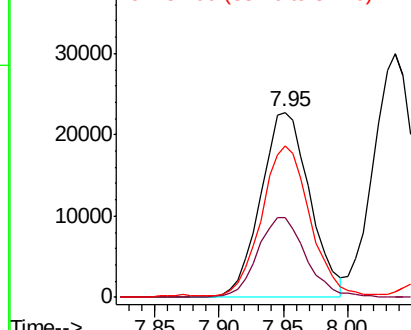
56 100

69 43.1 24.6 36.8#

84 81.0 60.1 90.1



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 9.815 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

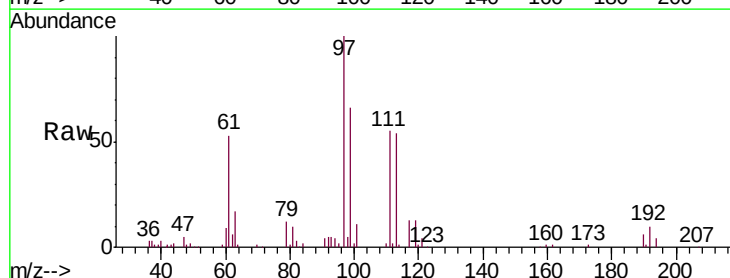
Tgt Ion: 97 Resp: 37614

Ion Ratio Lower Upper

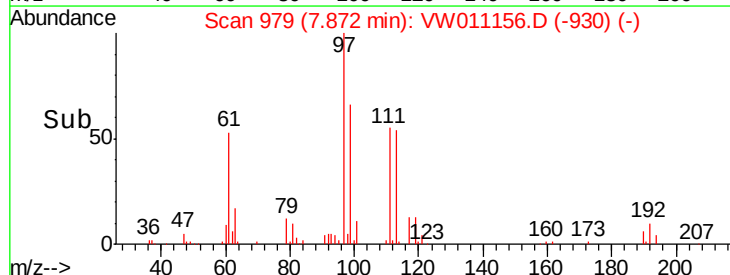
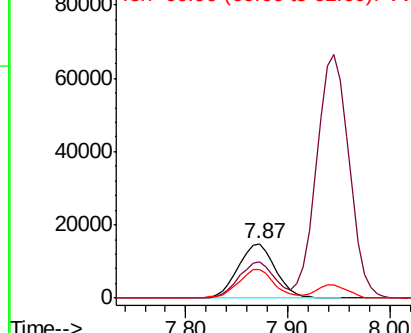
97 100

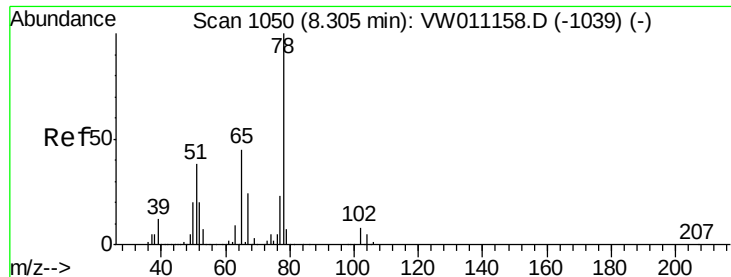
99 64.5 51.0 76.4

61 51.8 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

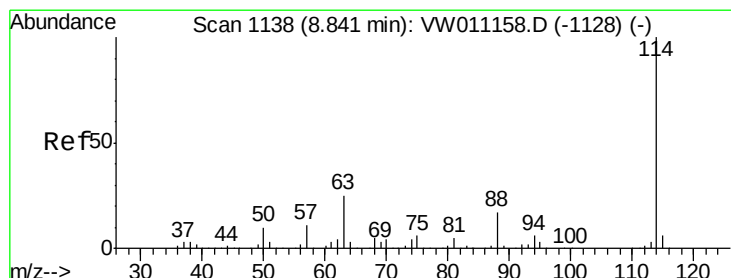
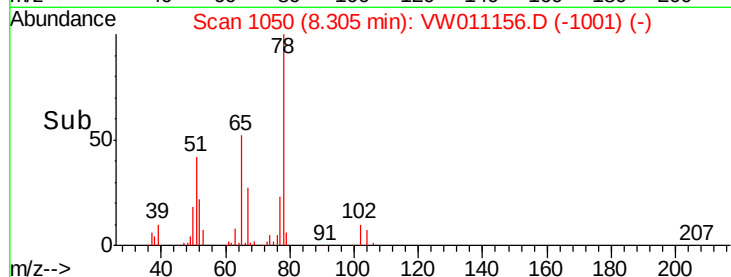
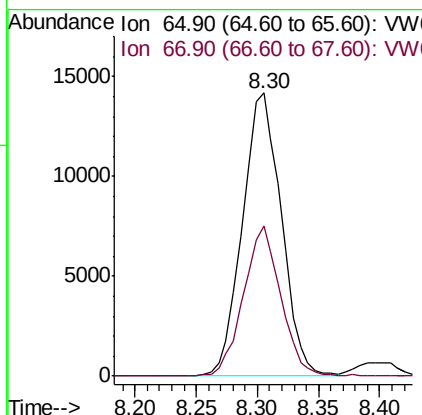
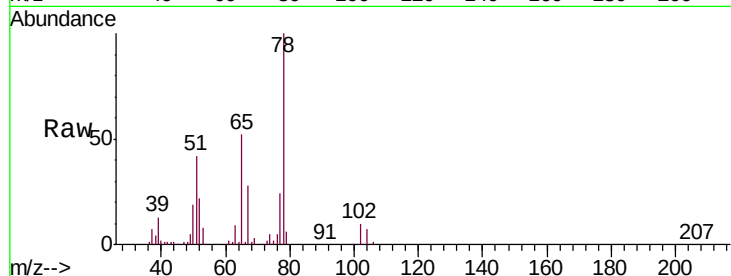




#33
 1,2-Dichloroethane-d4
 Concen: 10.514 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

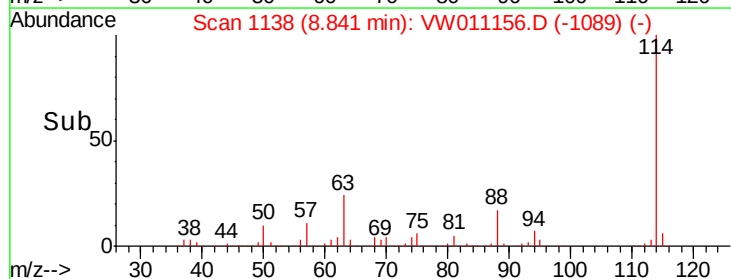
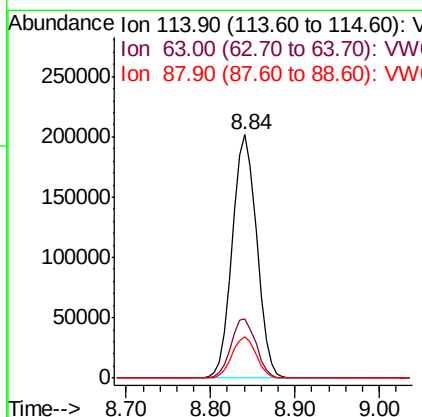
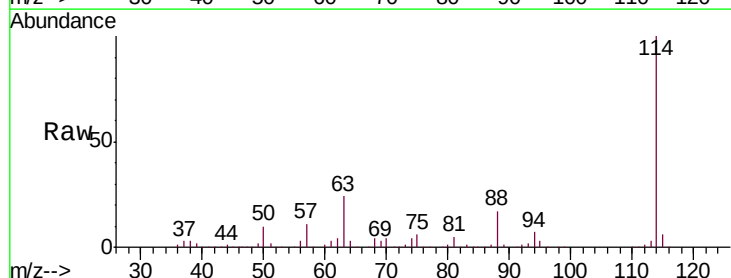
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

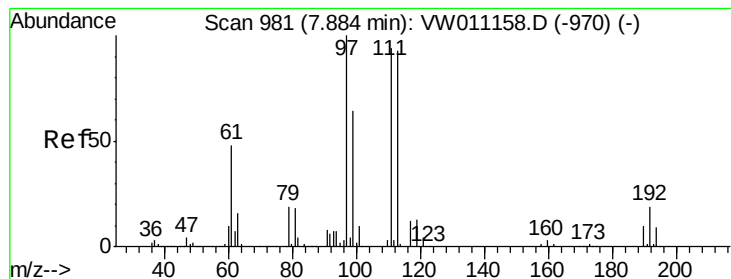
Tgt Ion: 65 Resp: 31411
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 114 Resp: 395155
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 17.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 10.222 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

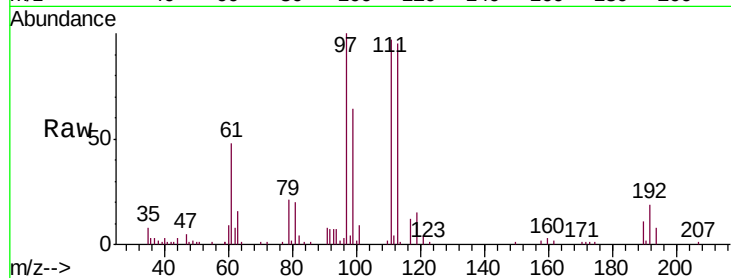
Tgt Ion:113 Resp: 24077

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

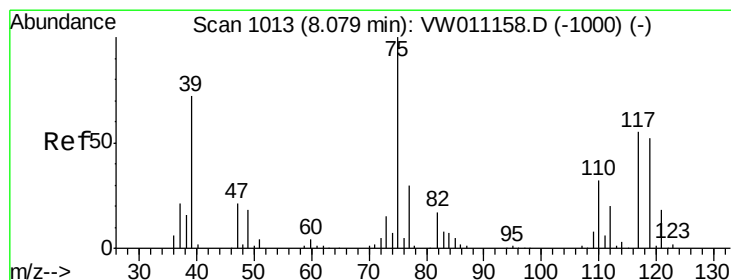
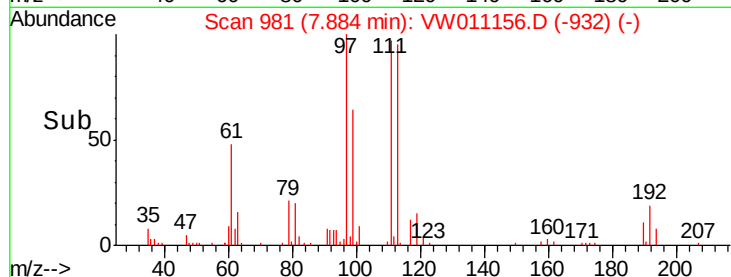
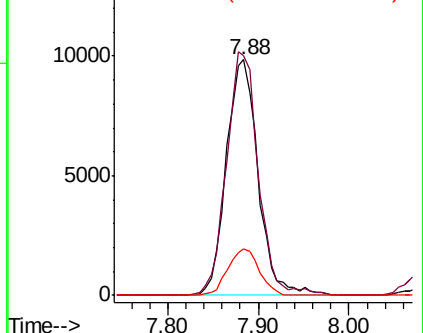
192 19.4 15.8 23.8



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: 9.931 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

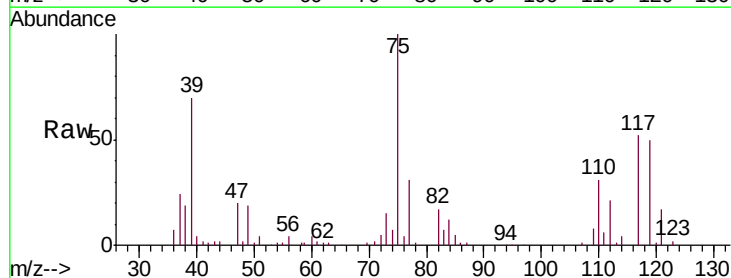
Tgt Ion: 75 Resp: 41788

Ion Ratio Lower Upper

75 100

110 30.9 15.9 47.6

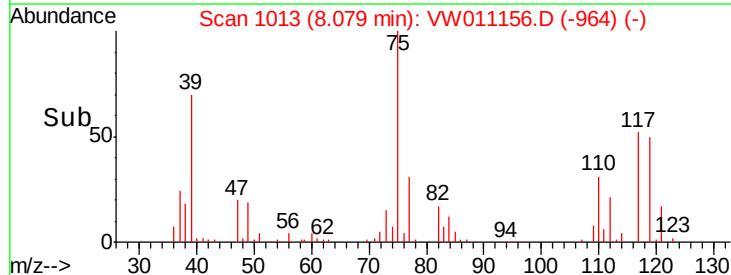
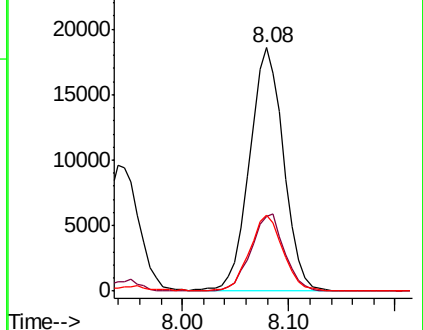
77 30.8 24.6 36.8

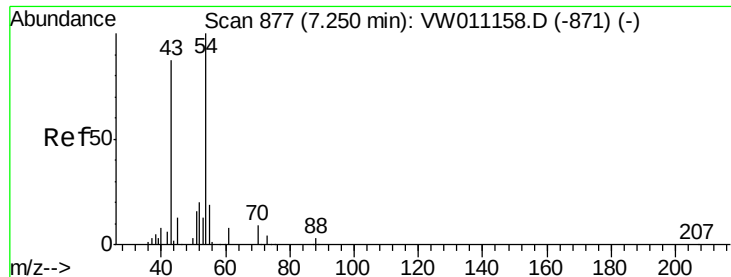


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

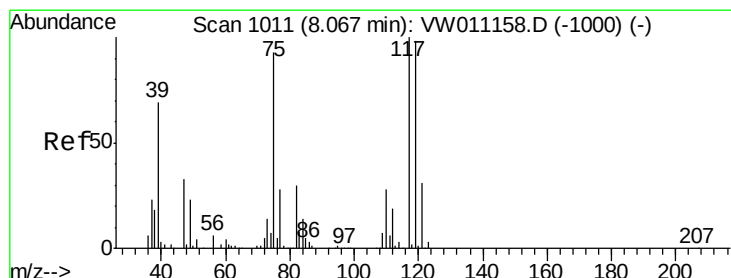
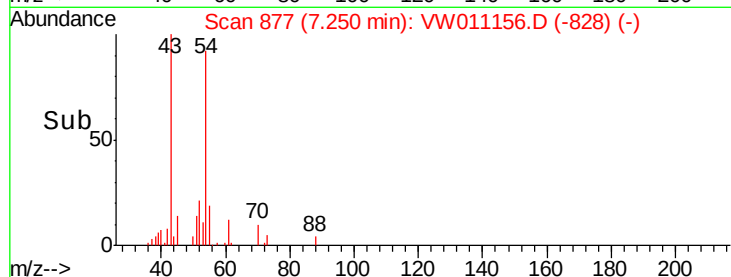
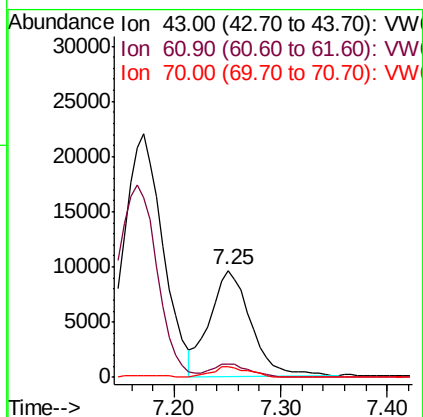
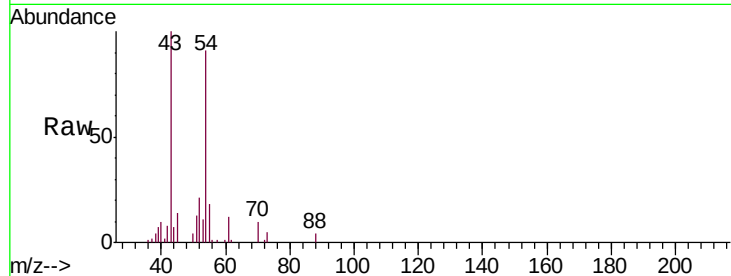




#37
Ethyl Acetate
Concen: 10.143 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

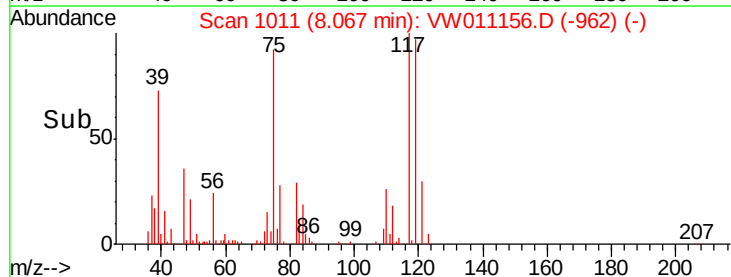
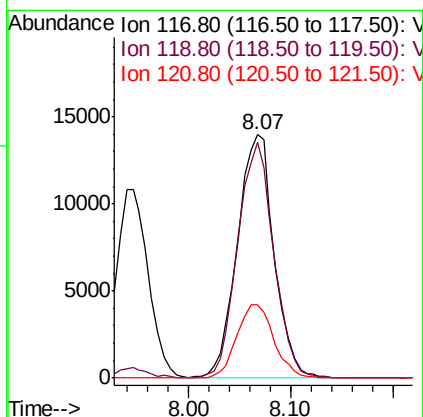
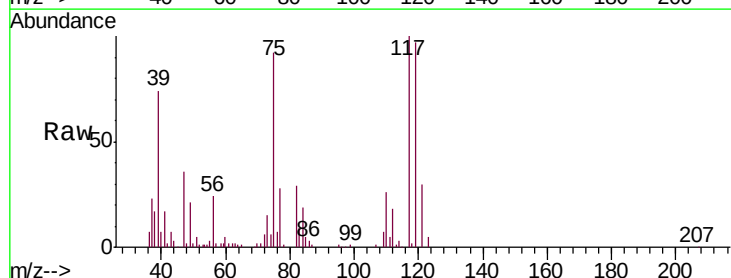
Instrument :
MSVOA_W
ClientSampleID :
VSTDIC010

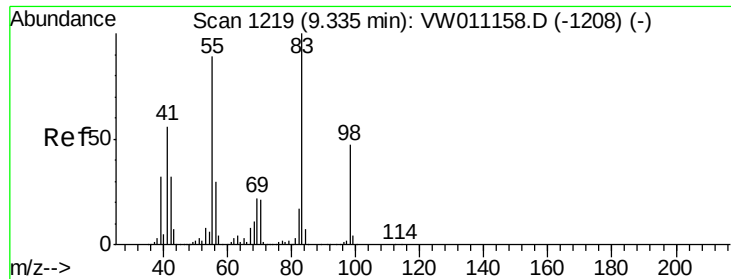
Tgt Ion: 43 Resp: 25644
Ion Ratio Lower Upper
43 100
61 11.4 9.5 14.3
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 9.808 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 117 Resp: 34987
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1
121 30.1 25.1 37.7

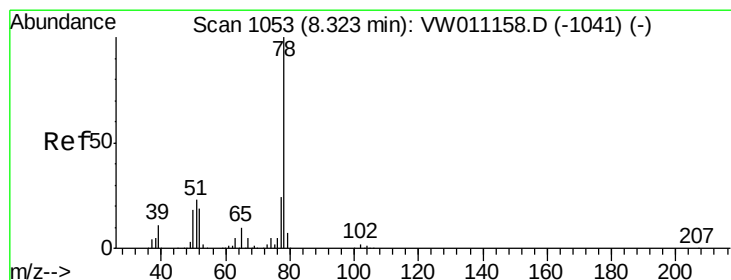
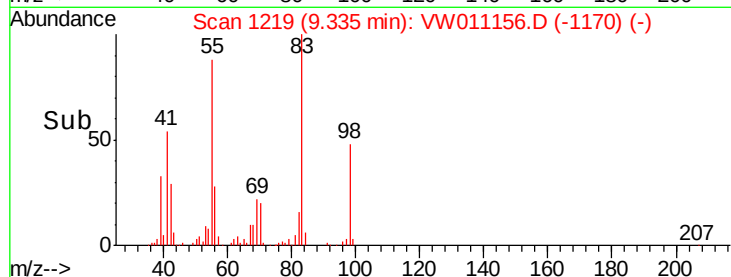
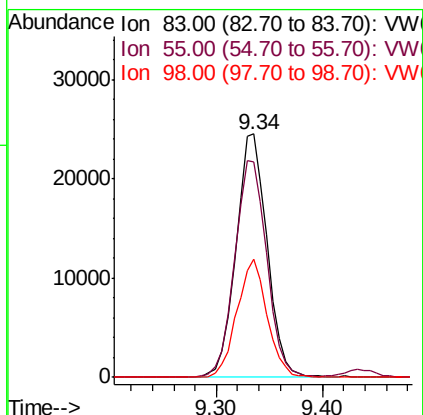
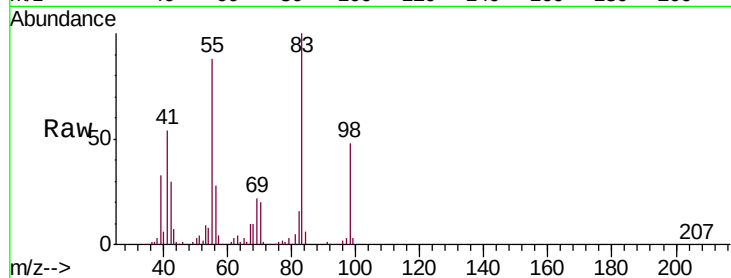




#39
Methylcyclohexane
Concen: 9.876 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

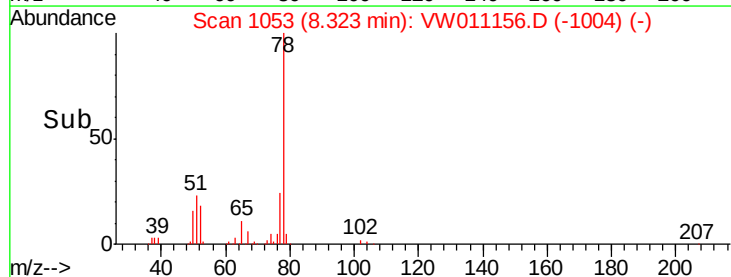
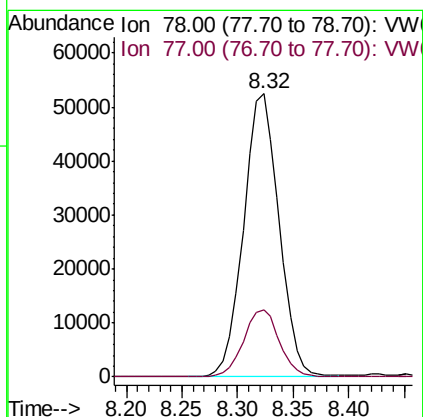
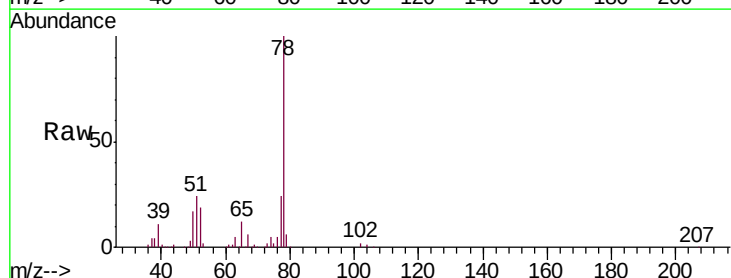
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

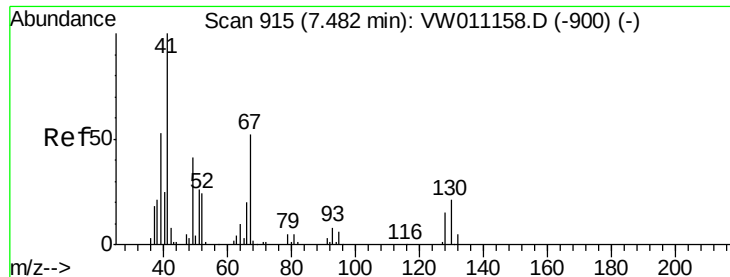
Tgt Ion: 83 Resp: 50369
Ion Ratio Lower Upper
83 100
55 88.2 71.2 106.8
98 48.4 37.5 56.3



#40
Benzene
Concen: 9.998 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 78 Resp: 116269
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

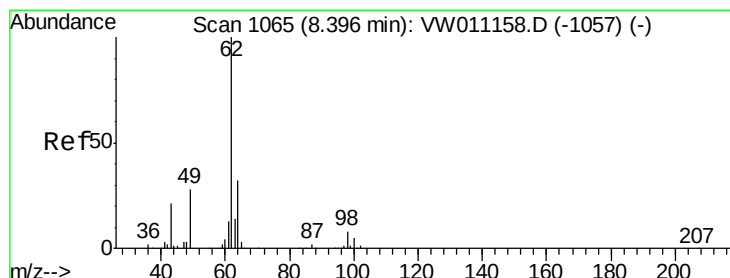
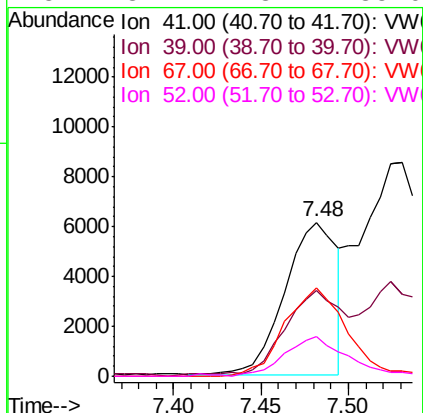
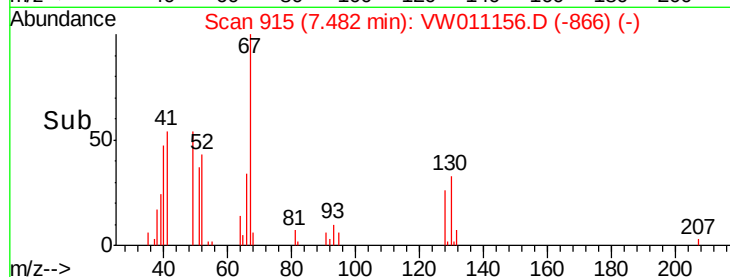
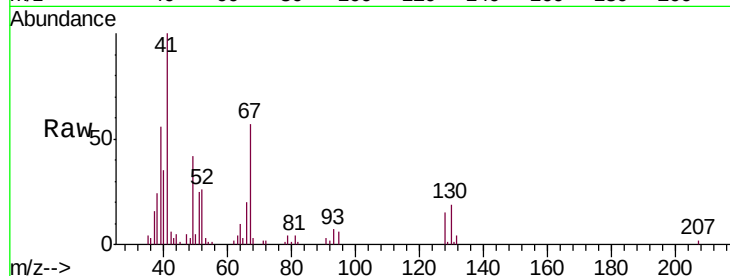




#41
Methacrylonitrile
Concen: 8.760 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

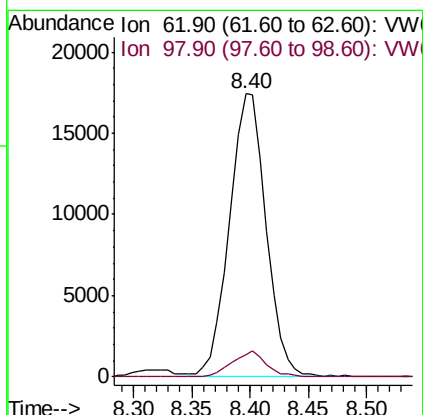
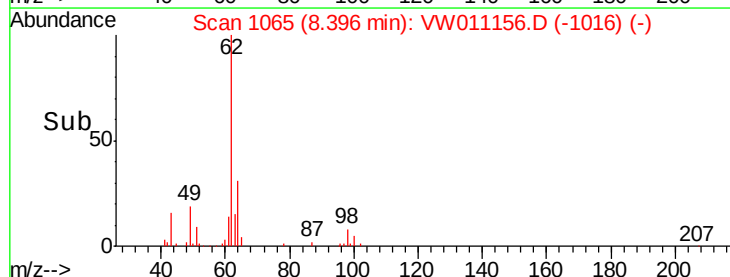
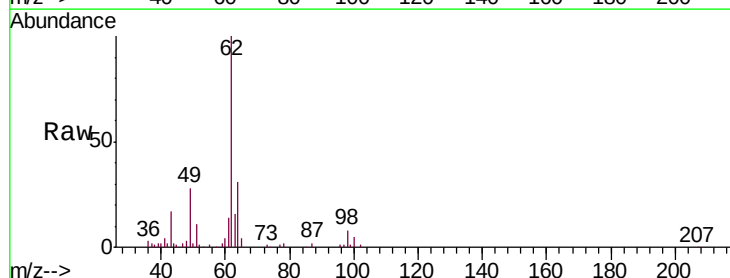
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

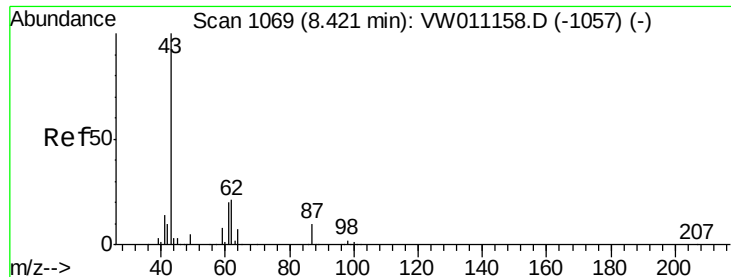
Tgt Ion:	41	Resp:	12667
Ion	Ratio	Lower	Upper
41	100		
39	63.7	48.0	72.0
67	70.1	49.7	74.5
52	31.1	23.4	35.0



#42
1,2-Dichloroethane
Concen: 10.047 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:	62	Resp:	37903
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 9.990 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

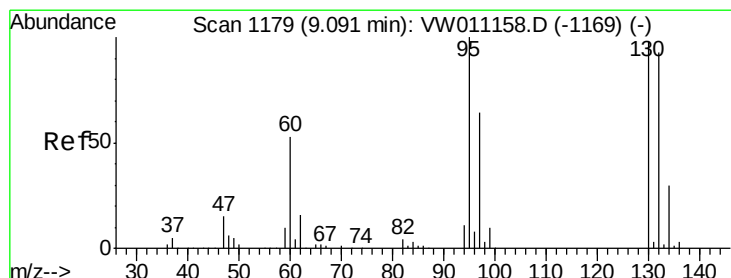
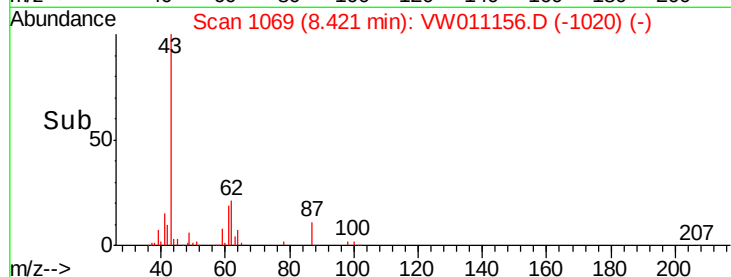
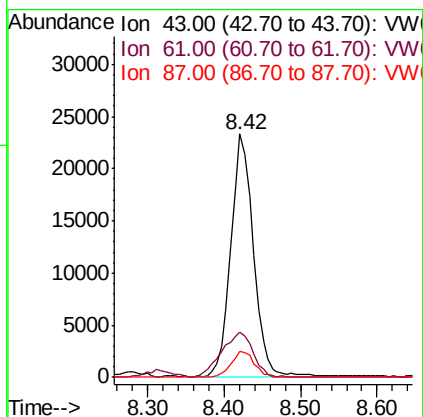
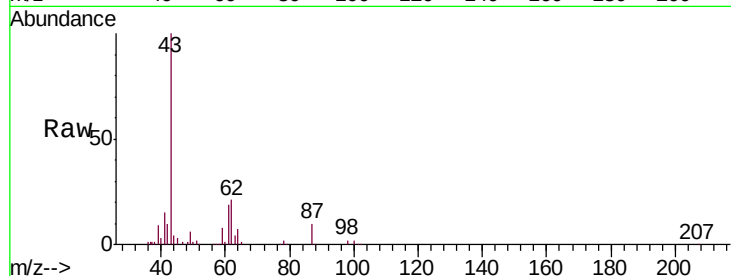
Tgt Ion: 43 Resp: 47688

Ion Ratio Lower Upper

43 100

61 25.9 20.7 31.1

87 10.7 8.1 12.1



#44

Trichloroethene

Concen: 9.975 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011156.D

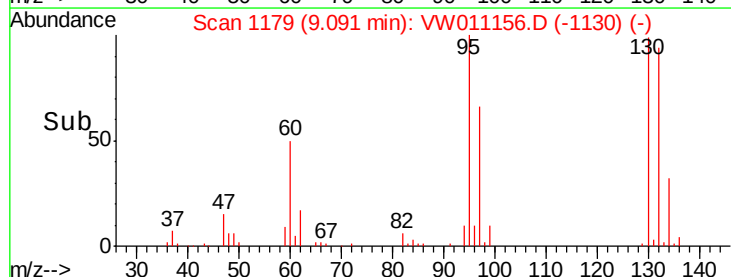
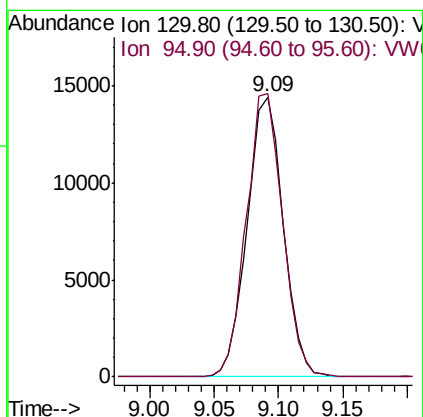
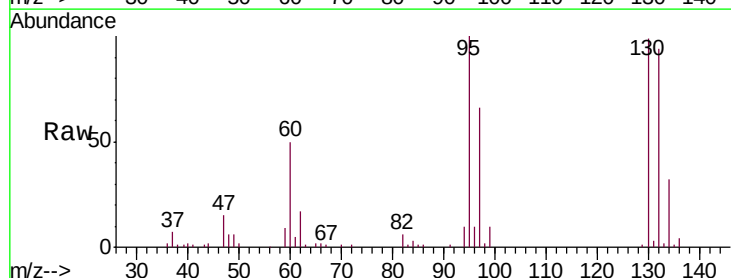
Acq: 08 Jul 2019 11:07

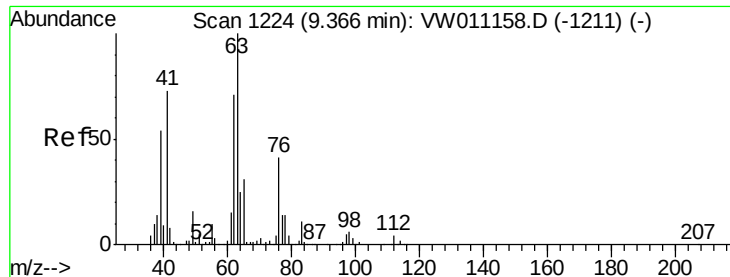
Tgt Ion: 130 Resp: 27916

Ion Ratio Lower Upper

130 100

95 101.0 0.0 203.6





#45

1,2-Dichloropropane

Concen: 9.740 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

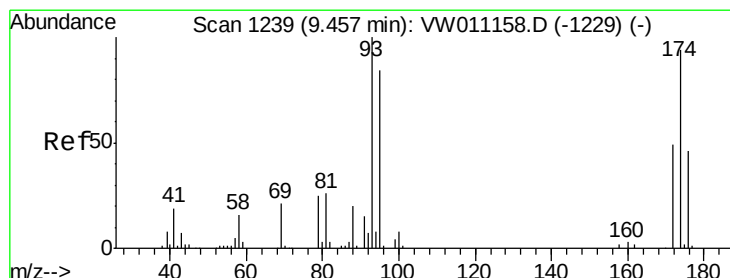
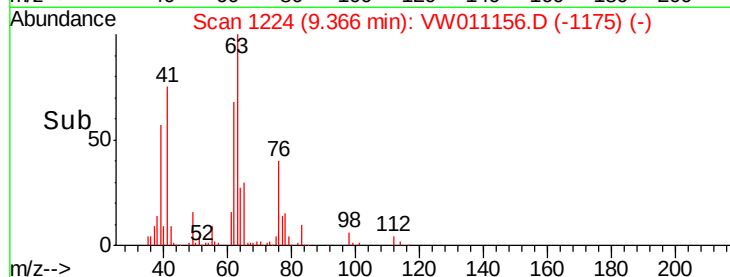
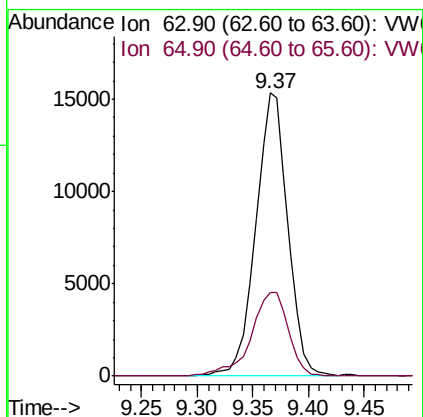
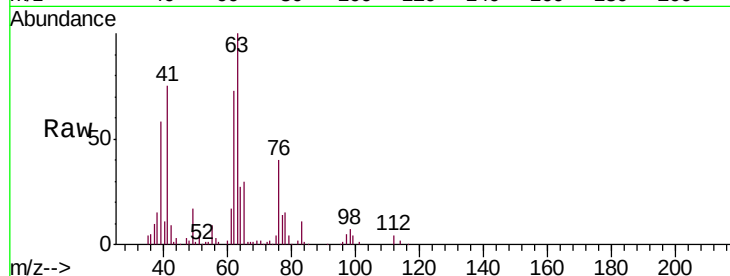
VSTDIC010

Tgt Ion: 63 Resp: 30674

Ion Ratio Lower Upper

63 100

65 29.7 24.4 36.6



#46

Dibromomethane

Concen: 10.022 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

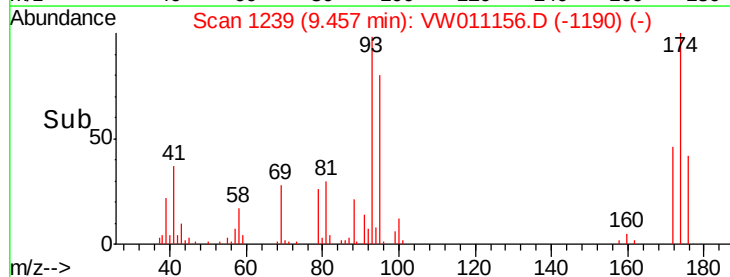
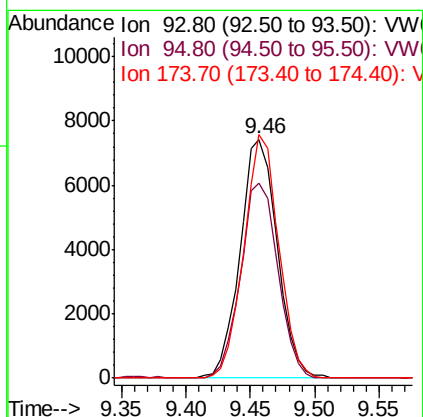
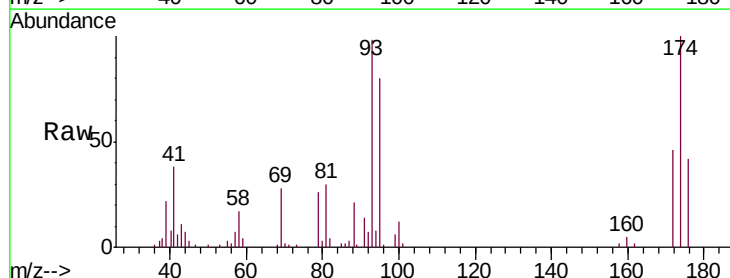
Tgt Ion: 93 Resp: 14826

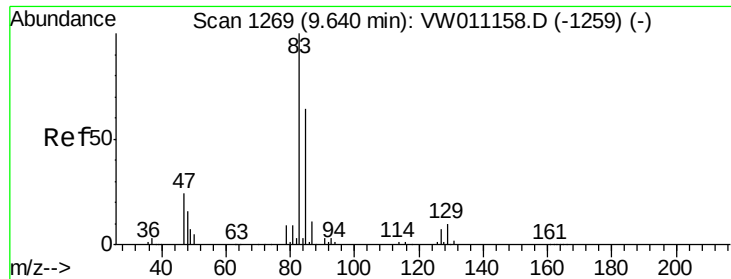
Ion Ratio Lower Upper

93 100

95 81.9 67.2 100.8

174 95.2 76.3 114.5





#47

Bromodichloromethane

Concen: 9.642 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

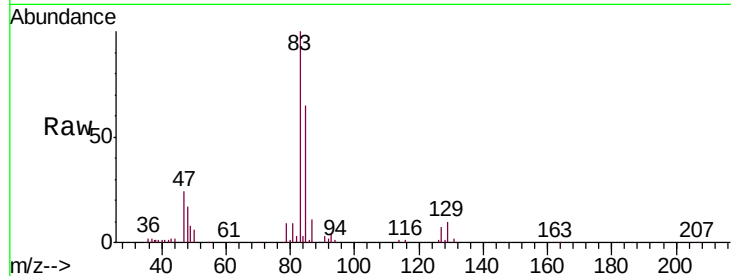
Tgt Ion: 83 Resp: 36497

Ion Ratio Lower Upper

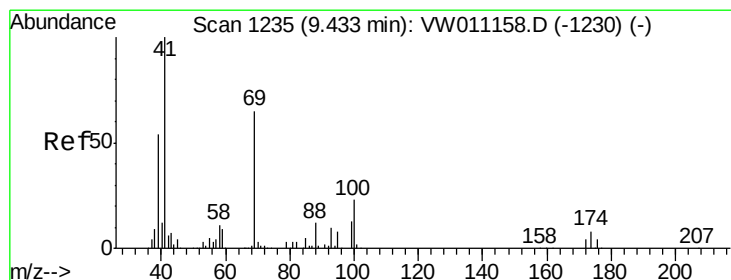
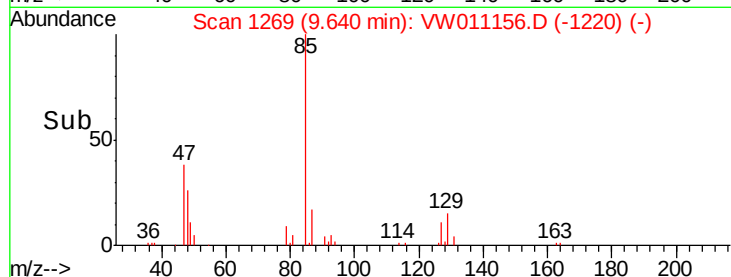
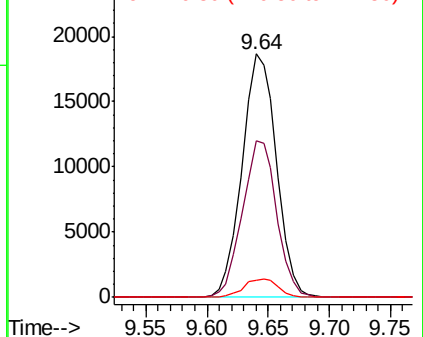
83 100

85 64.6 51.0 76.4

127 7.2 6.0 9.0



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



#48

Methyl methacrylate

Concen: 9.563 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

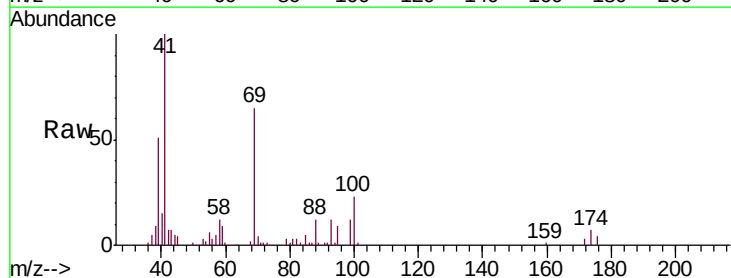
Tgt Ion: 41 Resp: 21960

Ion Ratio Lower Upper

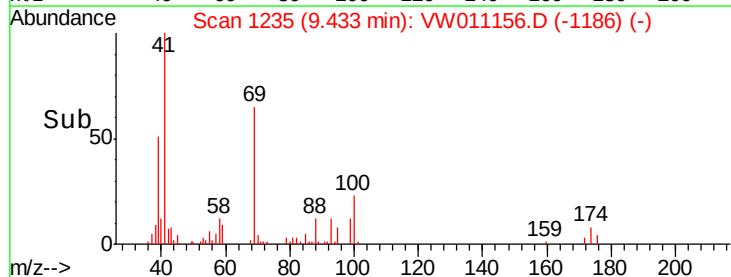
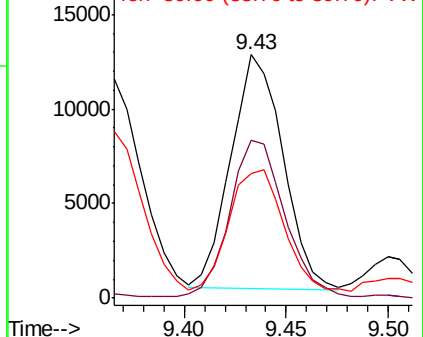
41 100

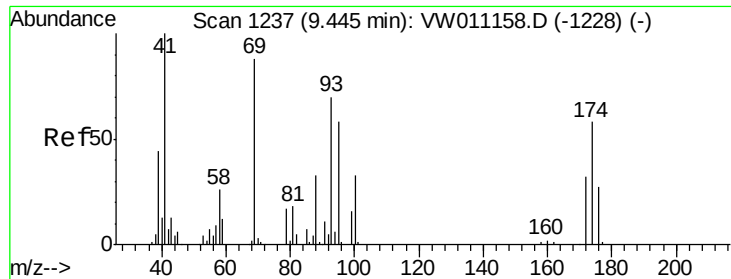
69 70.2 56.0 84.0

39 55.4 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 198.764 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

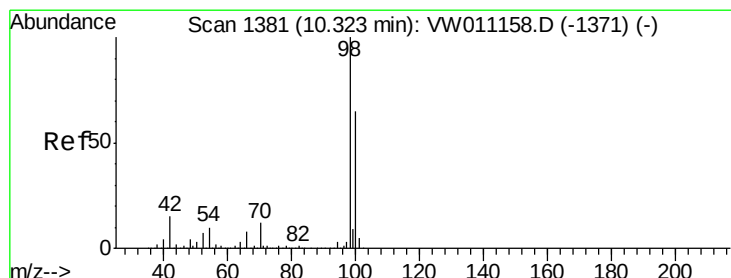
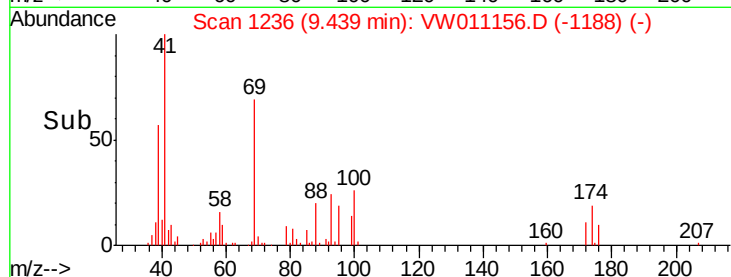
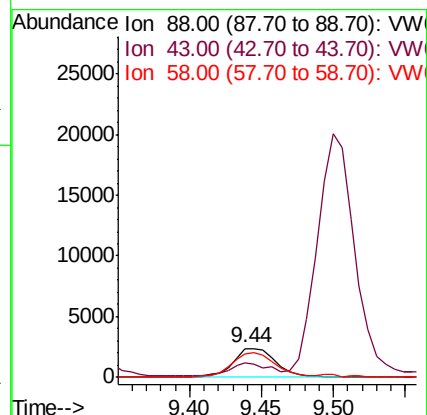
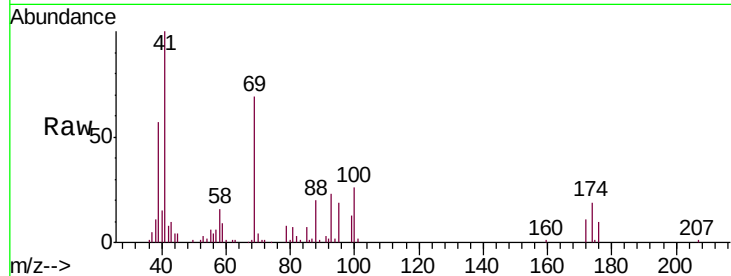
Tgt Ion: 88 Resp: 4908

Ion Ratio Lower Upper

88 100

43 43.0 33.4 50.0

58 88.0 64.5 96.7



#50

Toluene-d8

Concen: 10.121 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011156.D

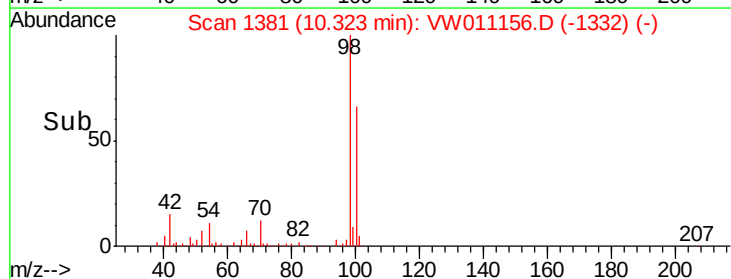
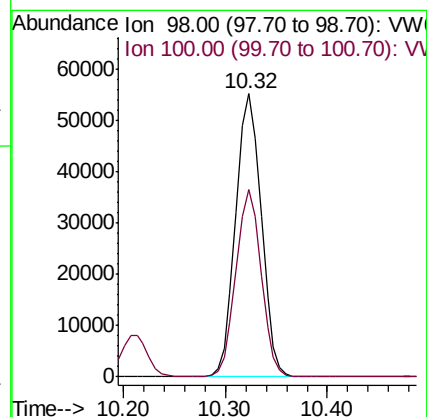
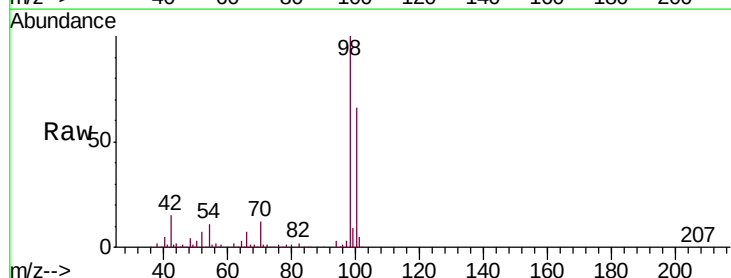
Acq: 08 Jul 2019 11:07

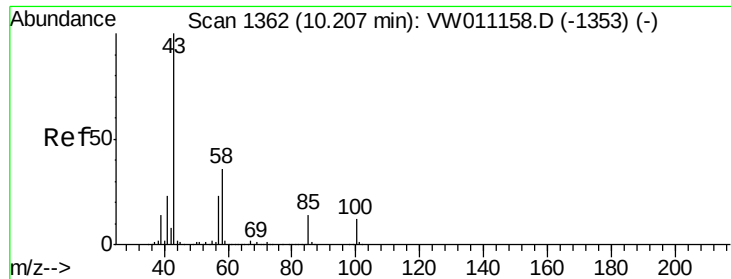
Tgt Ion: 98 Resp: 96355

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6

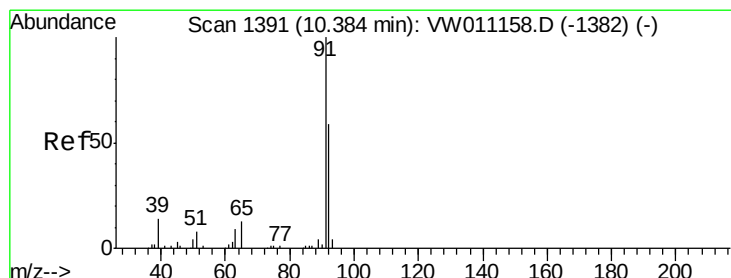
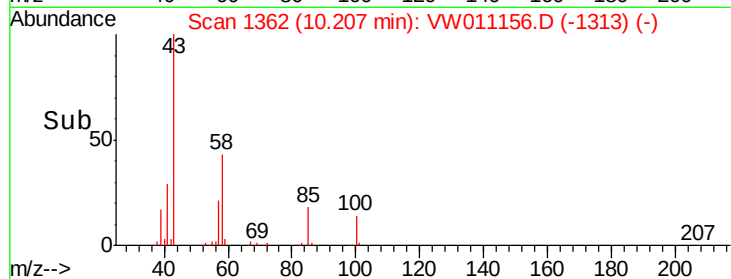
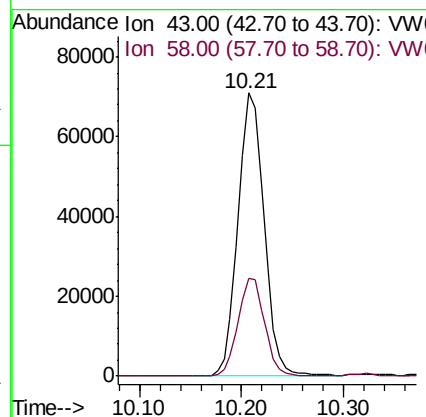
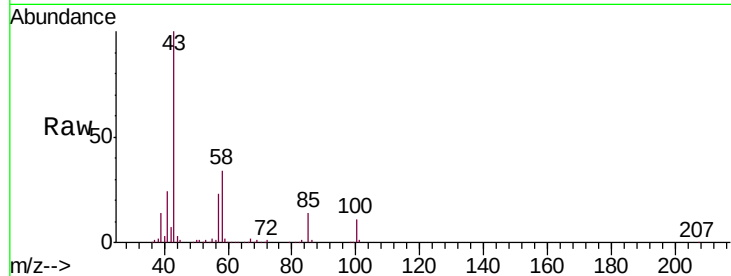




#51
 4-Methyl-2-Pentanone
 Concen: 50.117 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

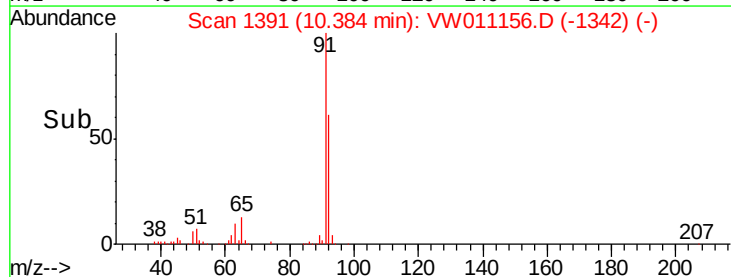
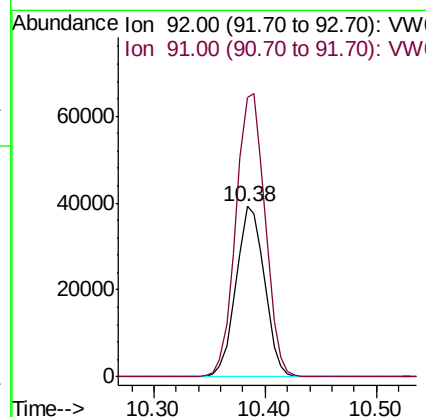
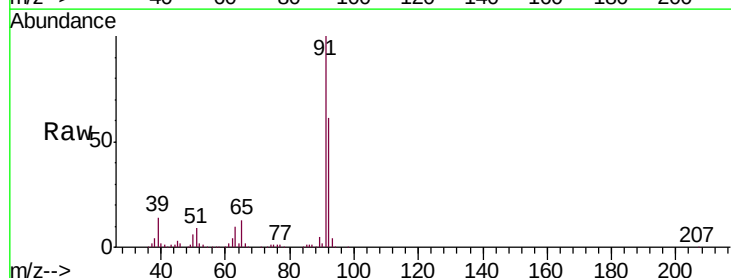
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

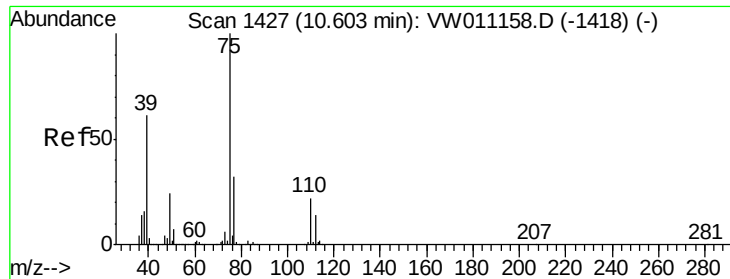
Tgt Ion: 43 Resp: 124966
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 9.845 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 92 Resp: 69451
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 9.490 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

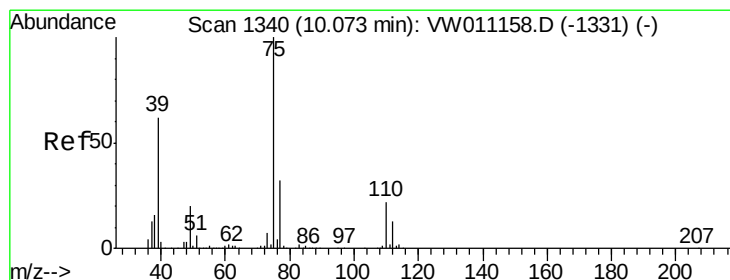
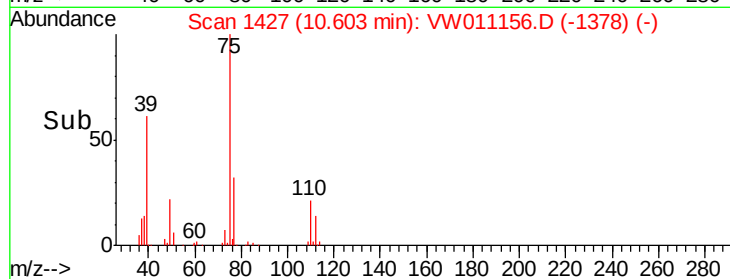
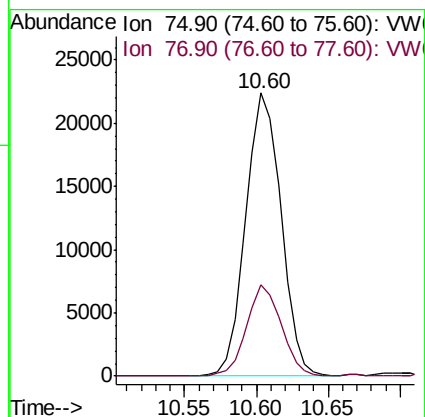
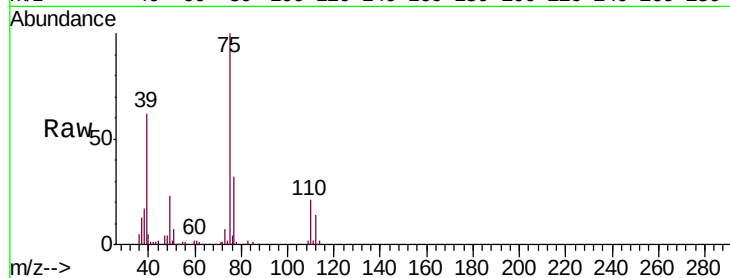
VSTDIC010

Tgt Ion: 75 Resp: 38236

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 9.600 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

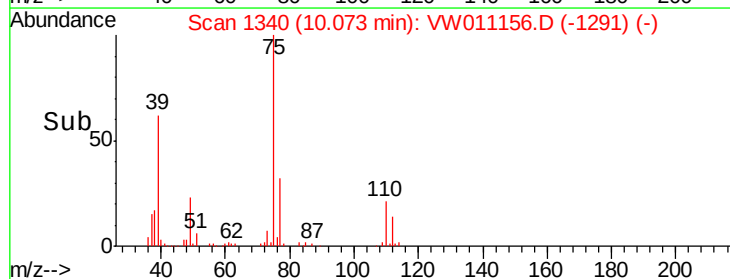
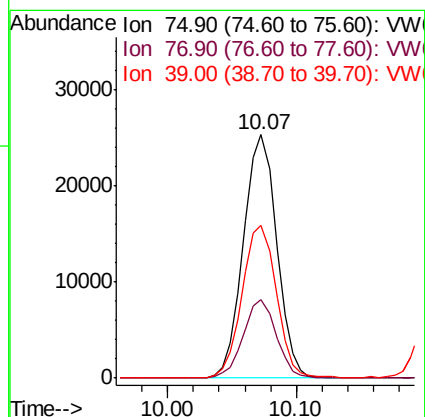
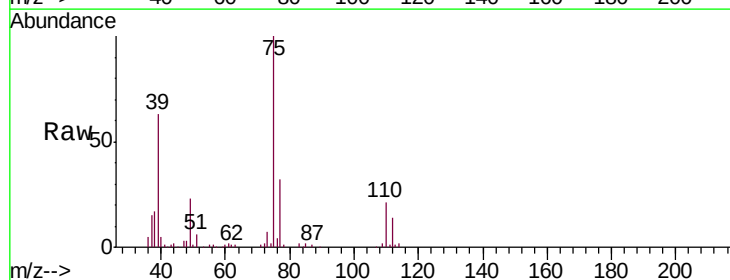
Tgt Ion: 75 Resp: 45525

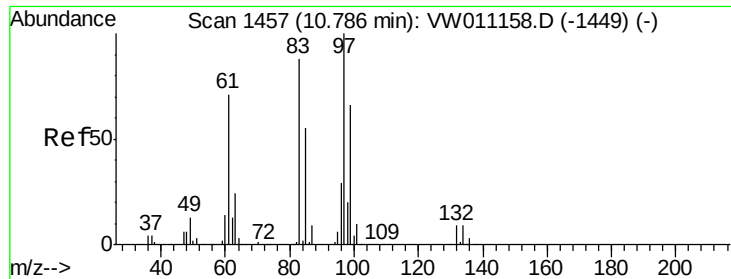
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 62.3 49.8 74.8

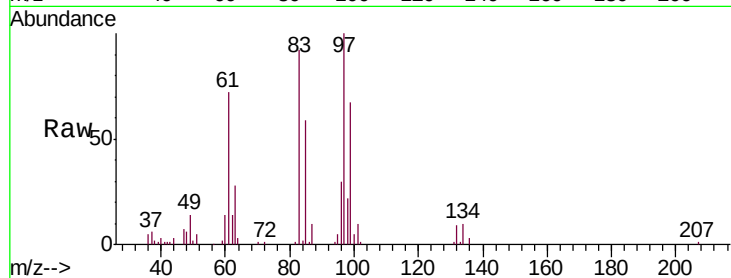




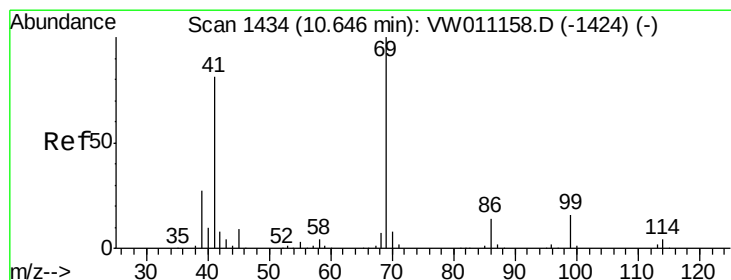
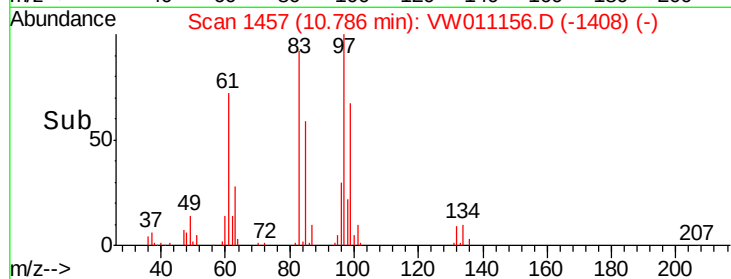
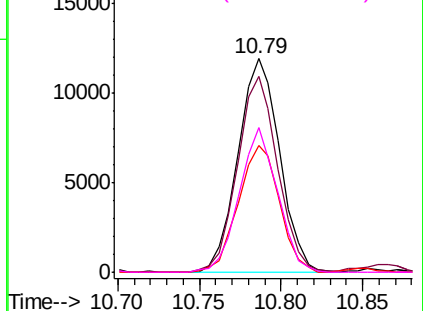
#55
 1,1,2-Trichloroethane
 Concen: 10.083 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	21160
Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.2	105.4
85	59.3	44.2	66.2
99	67.4	52.6	79.0

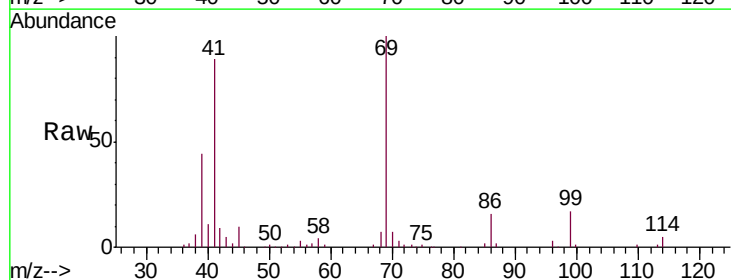


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

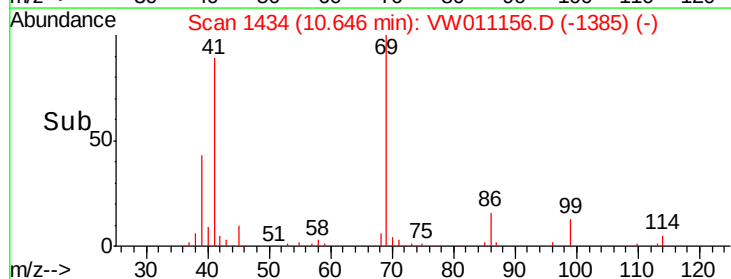
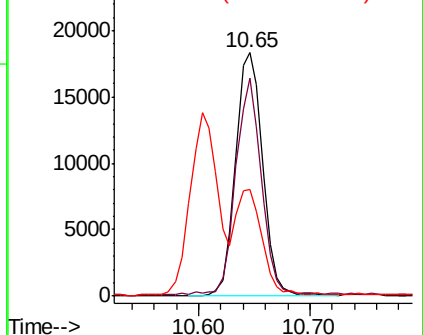


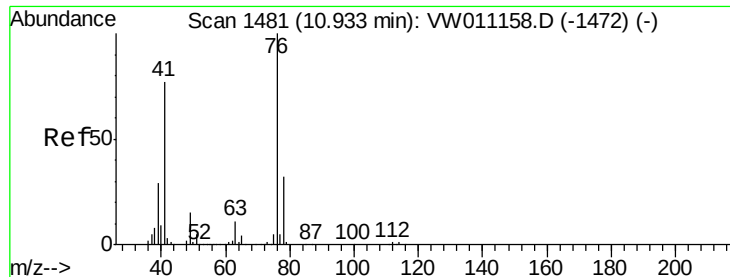
#56
 Ethyl methacrylate
 Concen: 9.692 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion:	69	Resp:	30968
Ion	Ratio	Lower	Upper
69	100		
41	85.0	66.5	99.7
39	40.6	32.5	48.7



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 9.926 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

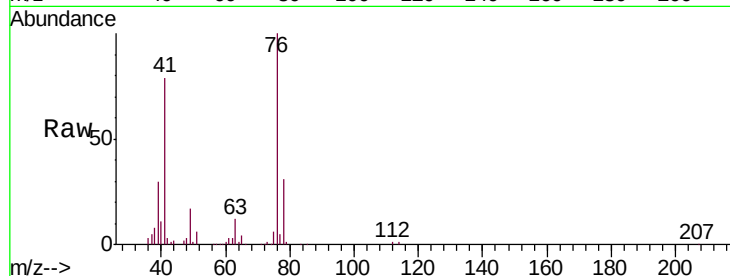
VSTDIC010

Tgt Ion: 76 Resp: 39394

Ion Ratio Lower Upper

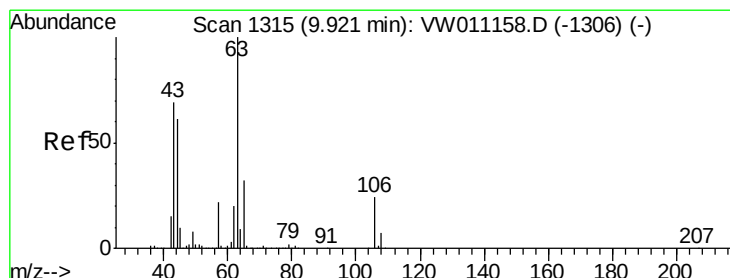
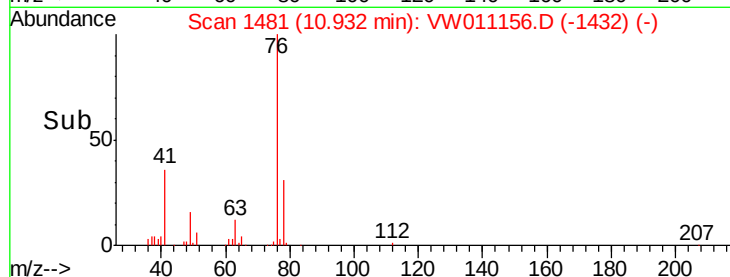
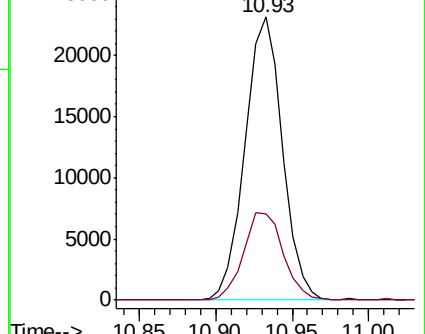
76 100

78 33.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 50.987 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW011156.D

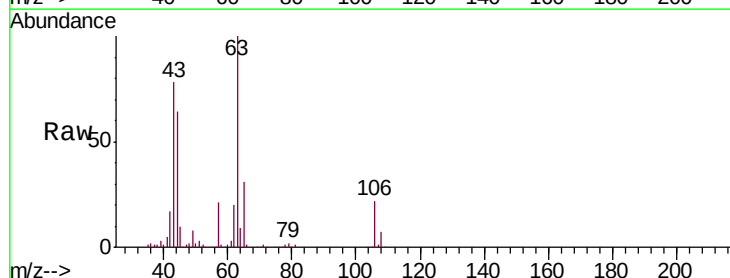
Acq: 08 Jul 2019 11:07

Tgt Ion: 63 Resp: 75526

Ion Ratio Lower Upper

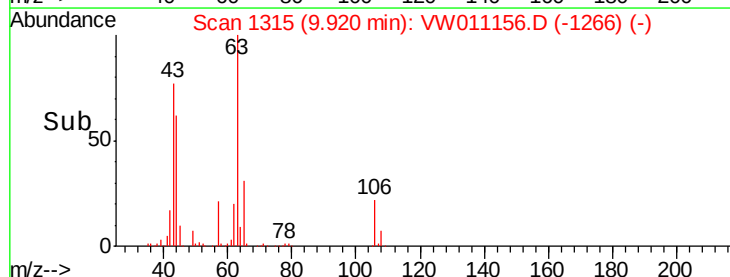
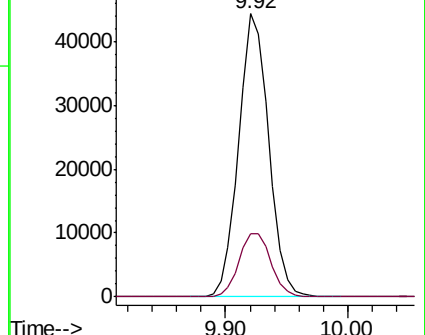
63 100

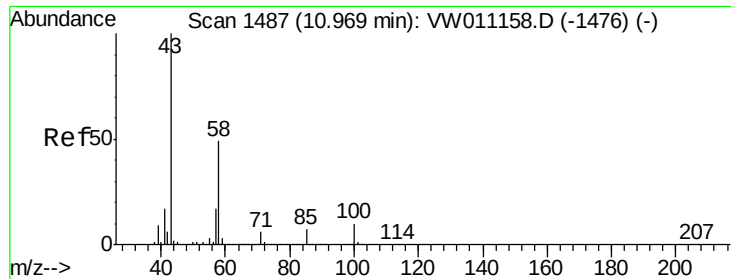
106 23.8 19.4 29.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

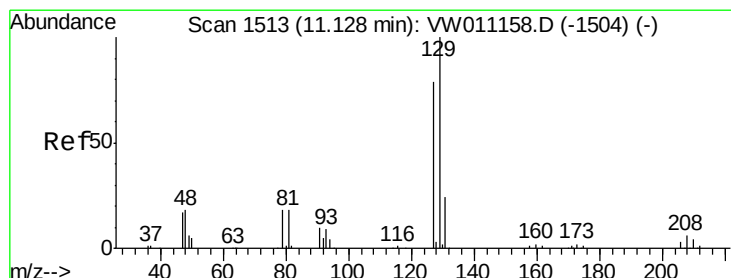
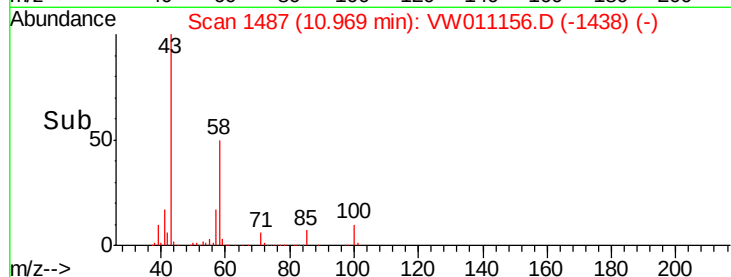
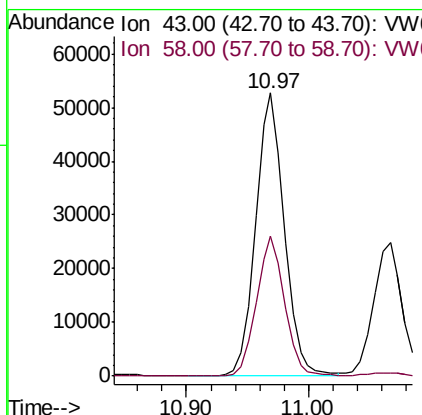
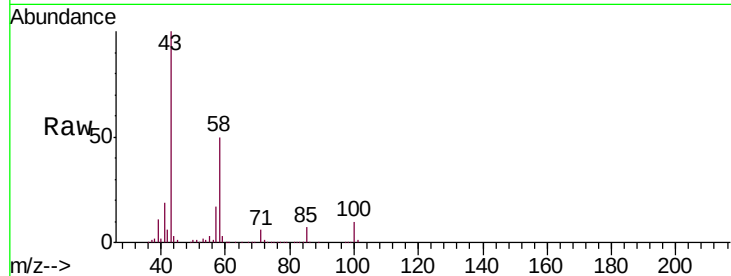




#59
2-Hexanone
Concen: 49.588 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

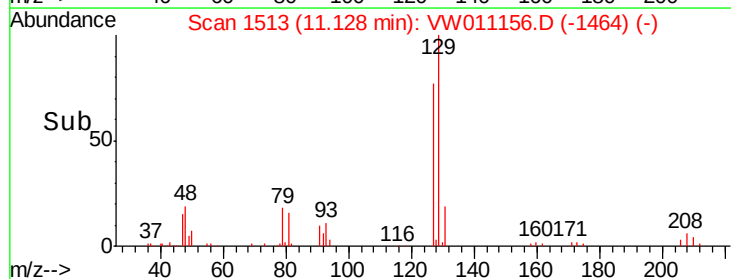
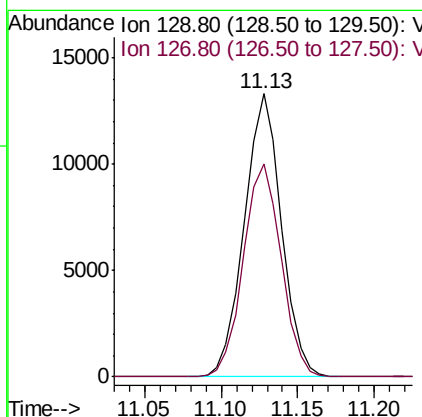
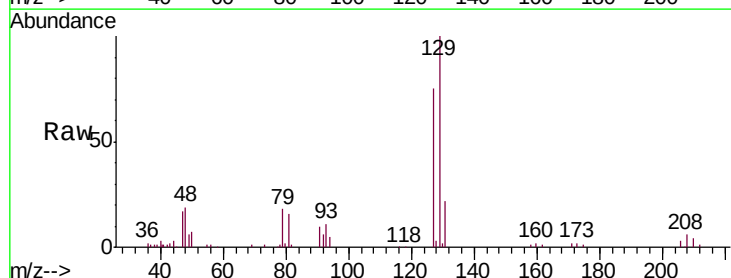
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

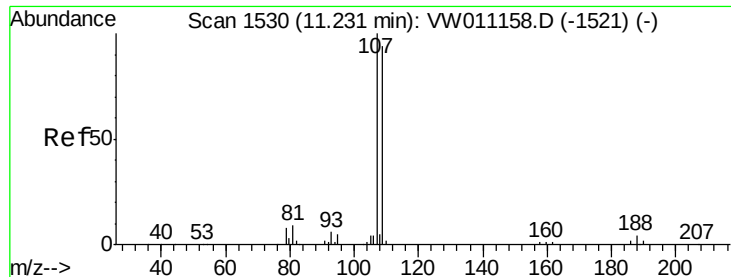
Tgt Ion: 43 Resp: 85750
Ion Ratio Lower Upper
43 100
58 48.6 24.4 73.4



#60
Dibromochloromethane
Concen: 9.752 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 129 Resp: 22442
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3

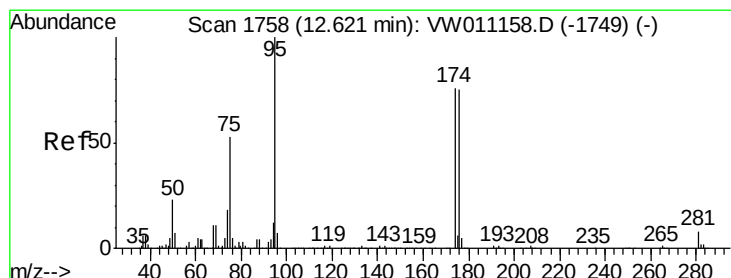
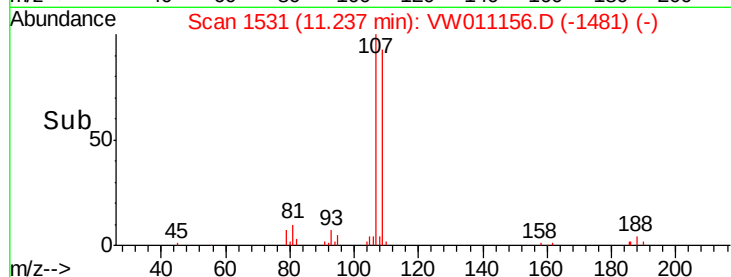
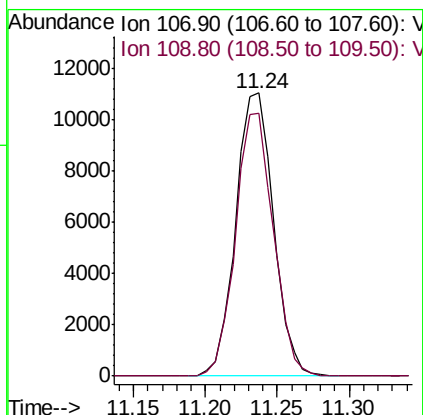
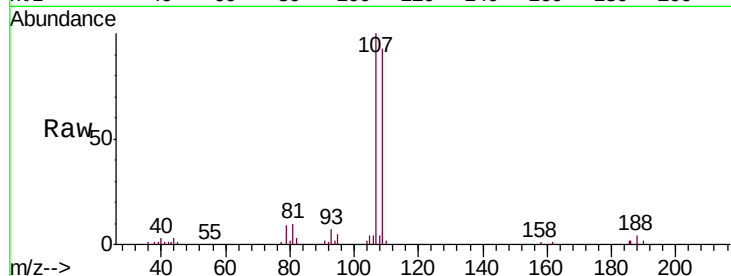




#61
 1,2-Dibromoethane
 Concen: 10.103 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

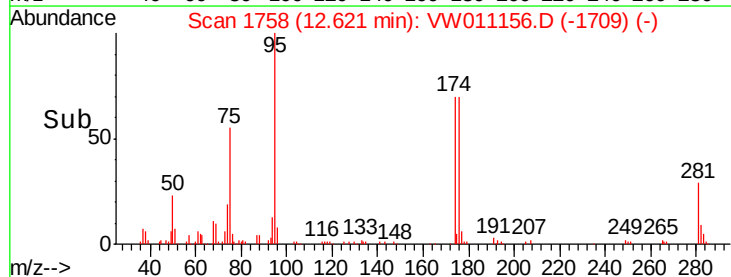
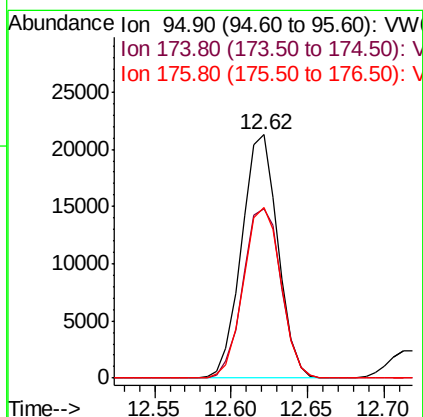
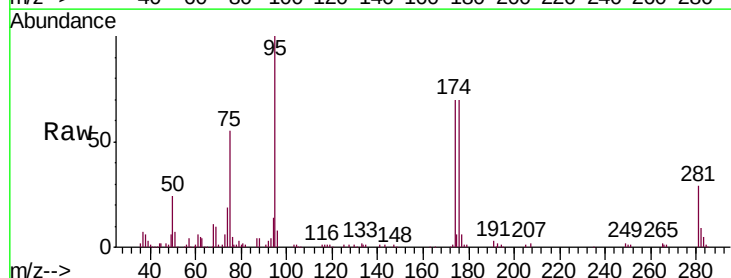
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

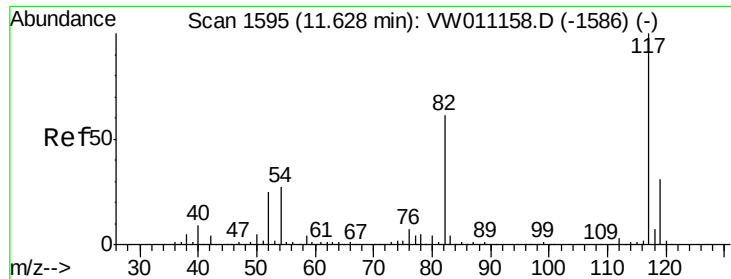
Tgt Ion: 107 Resp: 20083
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 10.055 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 95 Resp: 35089
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 147.6
 176 72.7 0.0 144.6

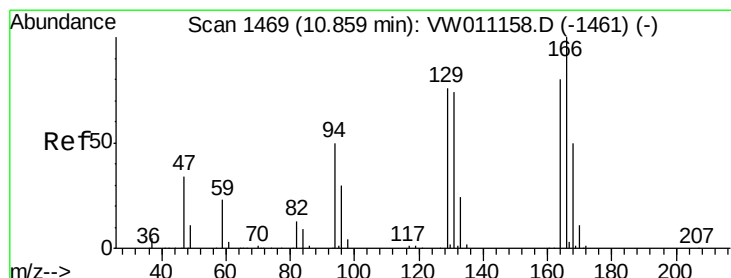
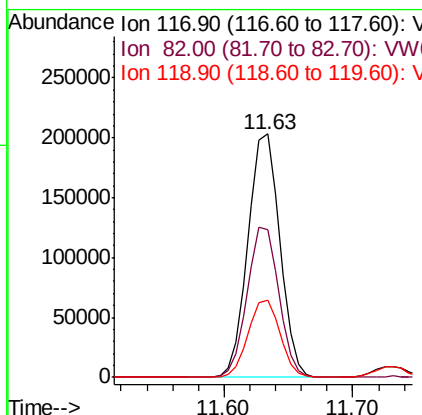
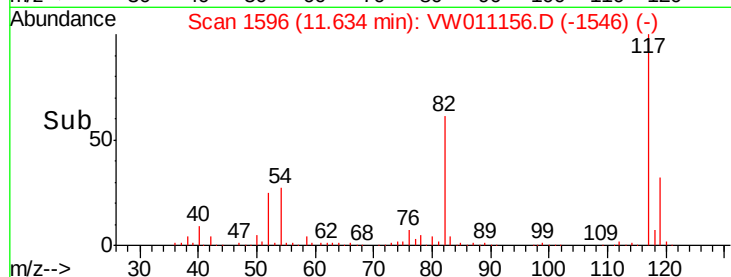
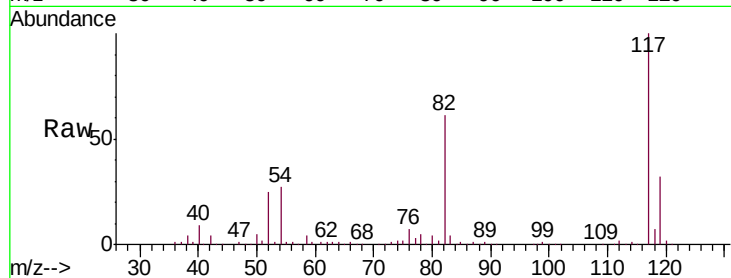




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

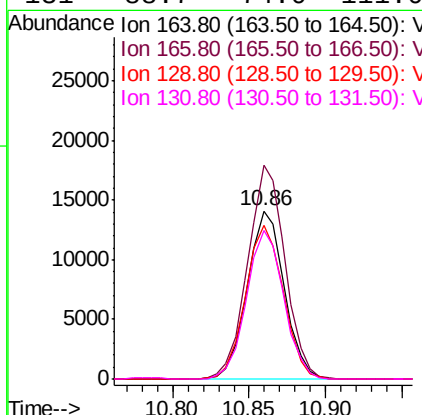
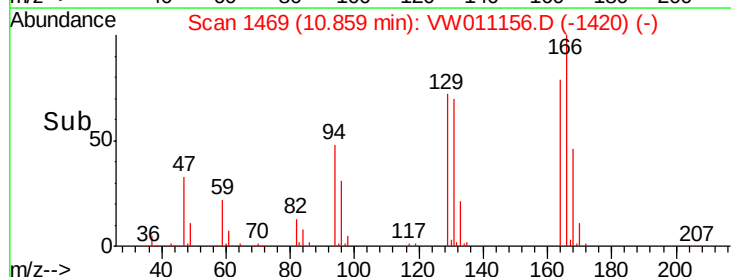
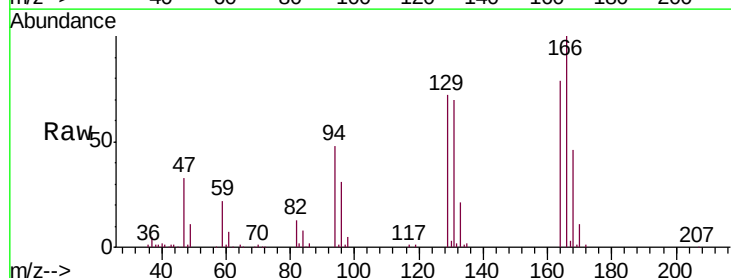
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

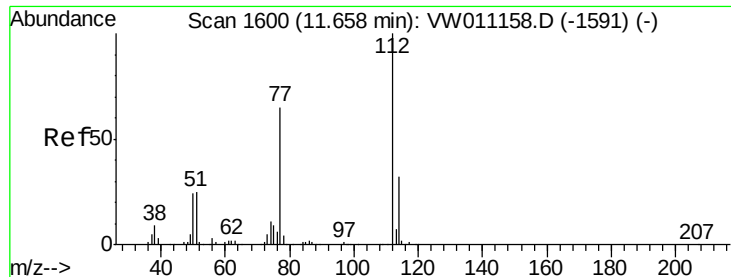
Tgt Ion:117 Resp: 347347
Ion Ratio Lower Upper
117 100
82 60.7 48.9 73.3
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 10.118 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:164 Resp: 23716
Ion Ratio Lower Upper
164 100
166 127.1 99.7 149.5
129 91.6 76.2 114.2
131 88.7 74.0 111.0

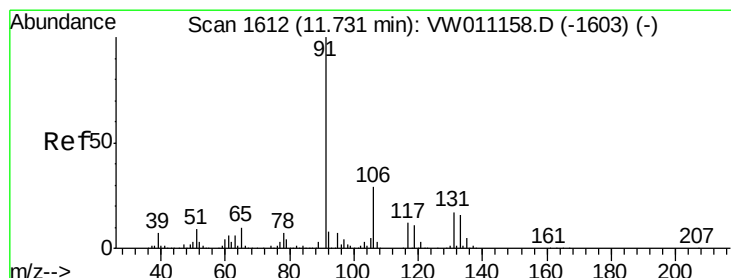
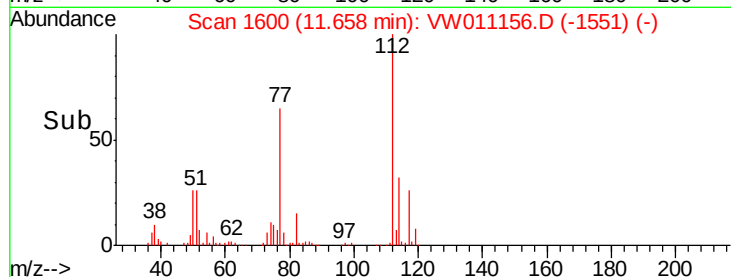
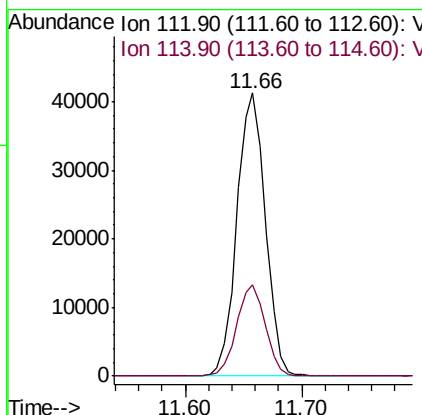
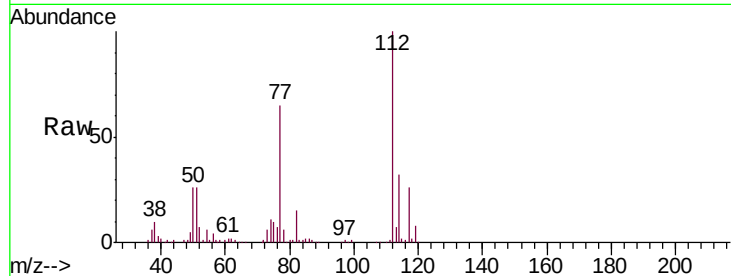




#65
Chlorobenzene
Concen: 9.968 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

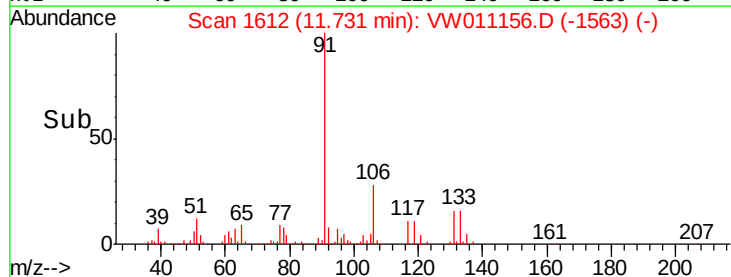
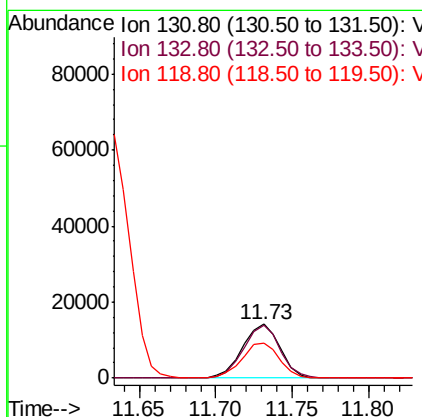
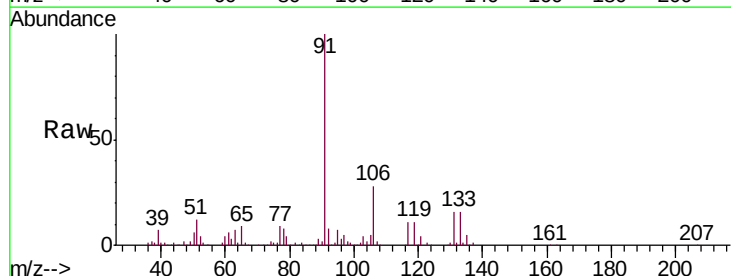
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

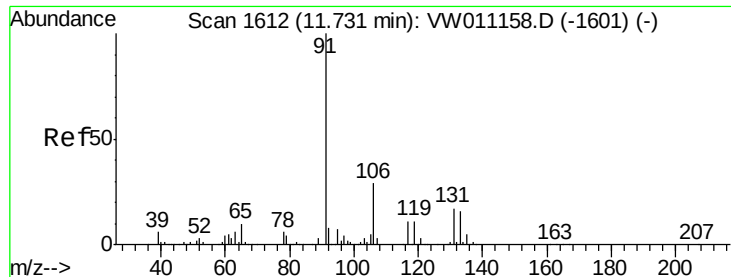
Tgt Ion:112 Resp: 70397
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 9.751 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:131 Resp: 24247
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 65.3 33.1 99.2

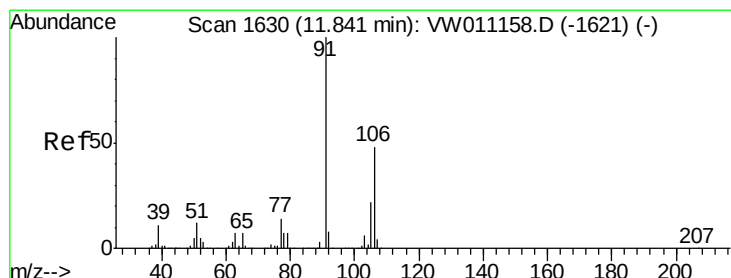
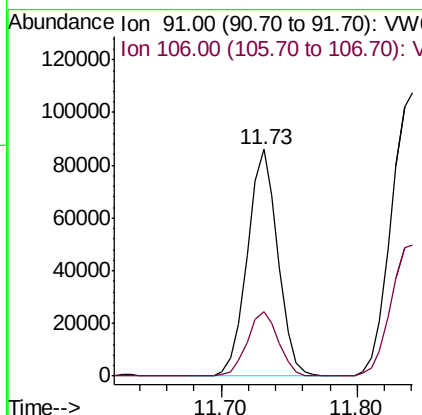
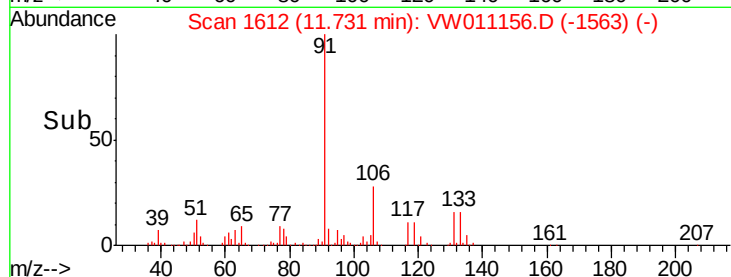
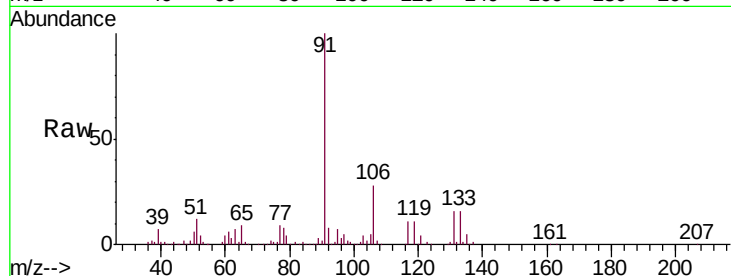




#67
Ethyl Benzene
Concen: 9.974 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

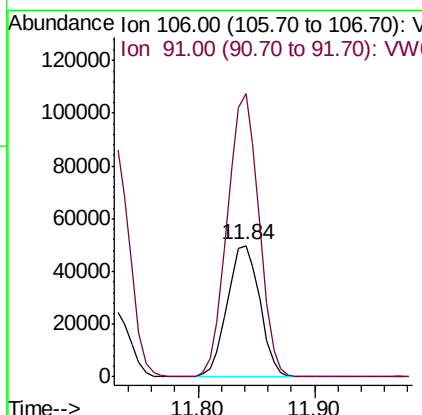
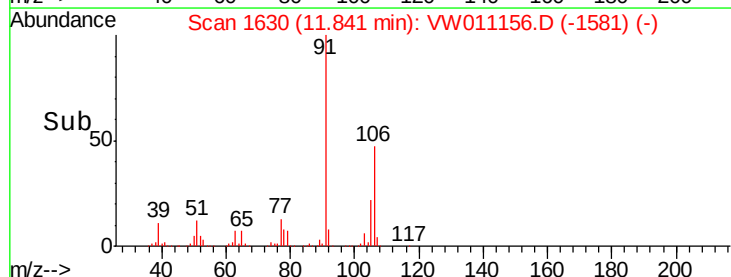
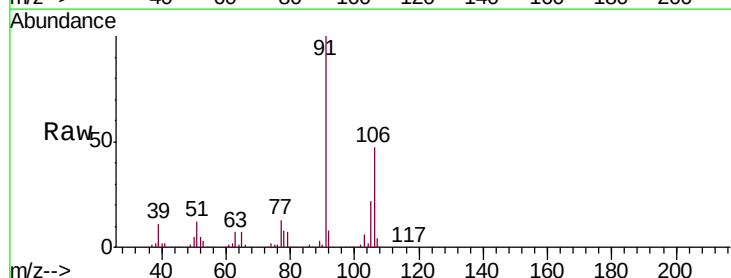
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

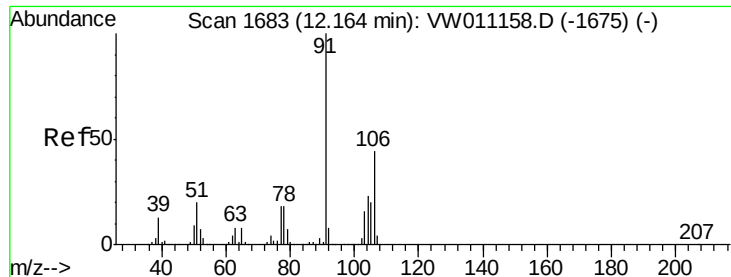
Tgt Ion: 91 Resp: 134841
Ion Ratio Lower Upper
91 100
106 28.5 23.5 35.3



#68
m/p-Xylenes
Concen: 19.809 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 106 Resp: 96899
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5

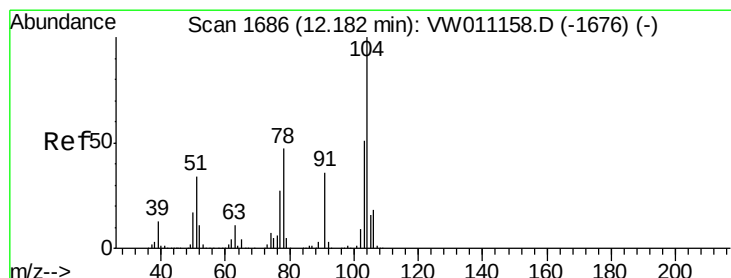
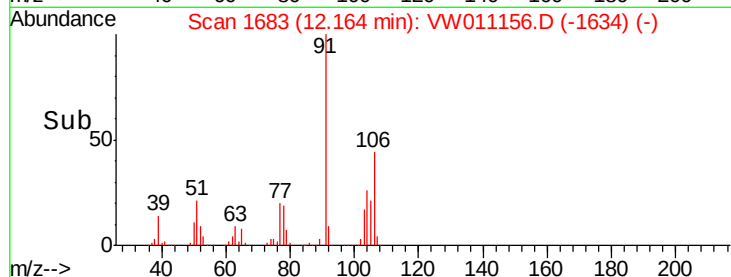
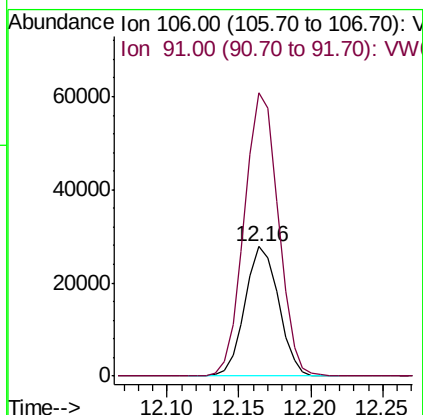
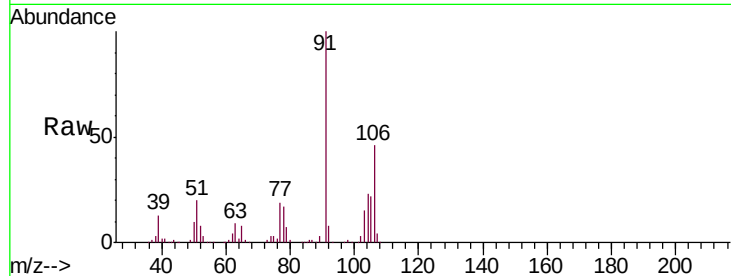




#69
o-Xylene
Concen: 9.812 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

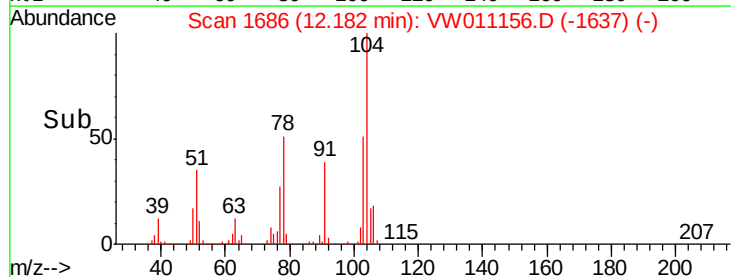
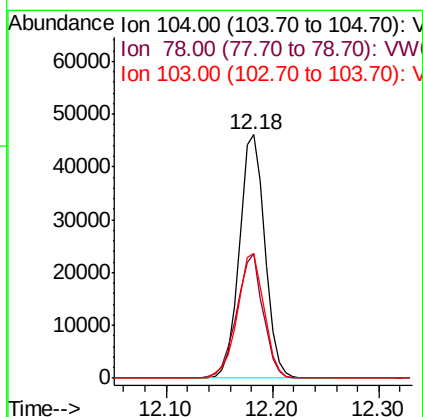
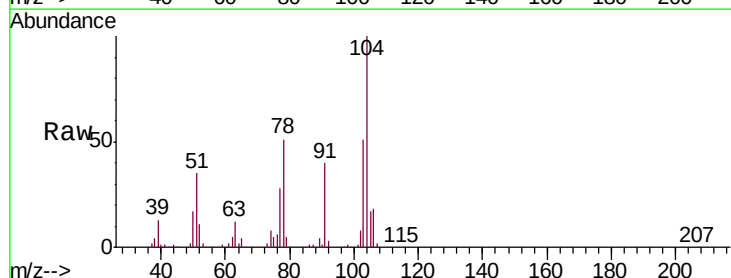
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

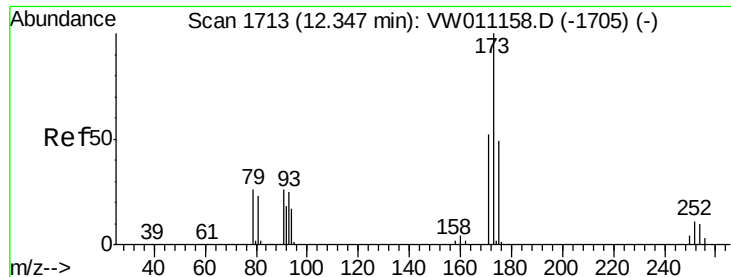
Tgt Ion:106 Resp: 45241
Ion Ratio Lower Upper
106 100
91 220.5 110.7 332.1



#70
Styrene
Concen: 9.749 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:104 Resp: 77572
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 53.9 44.1 66.1

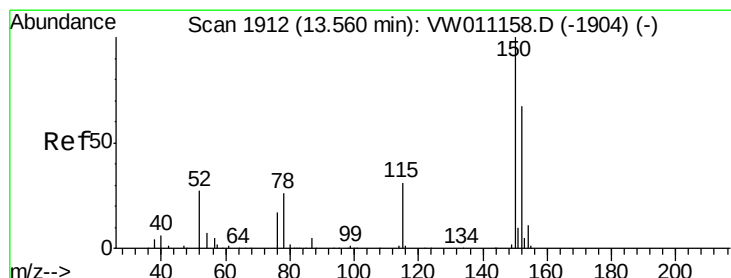
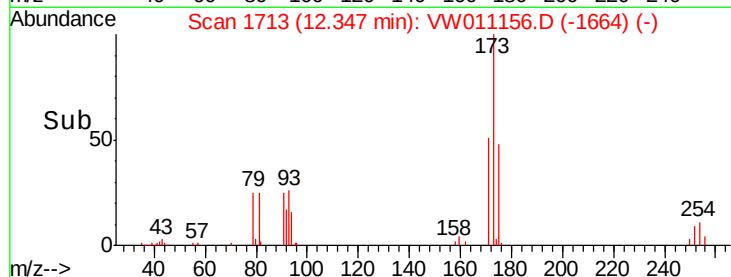
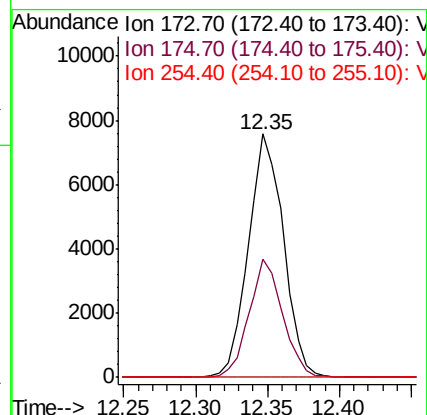
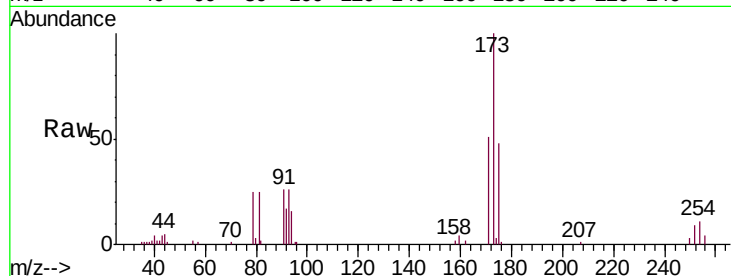




#71
Bromoform
Concen: 9.640 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

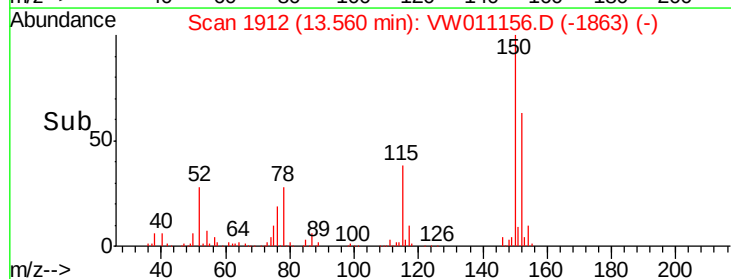
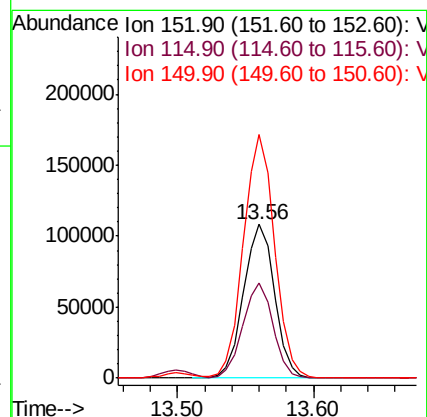
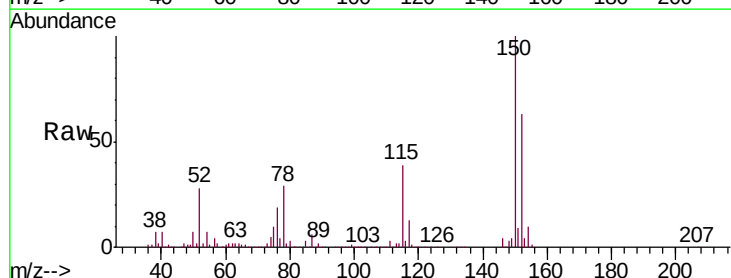
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

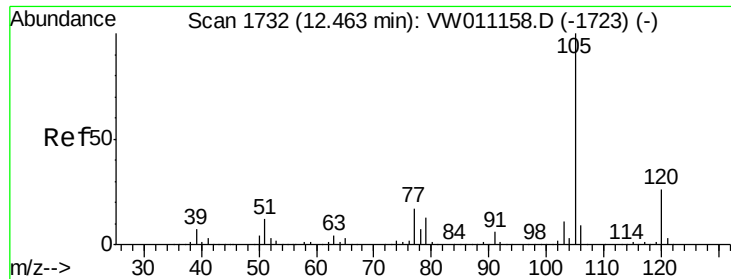
Tgt Ion:173 Resp: 12744
Ion Ratio Lower Upper
173 100
175 46.6 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:152 Resp: 172038
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 159.6 0.0 346.0





#73

Isopropylbenzene

Concen: 9.620 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

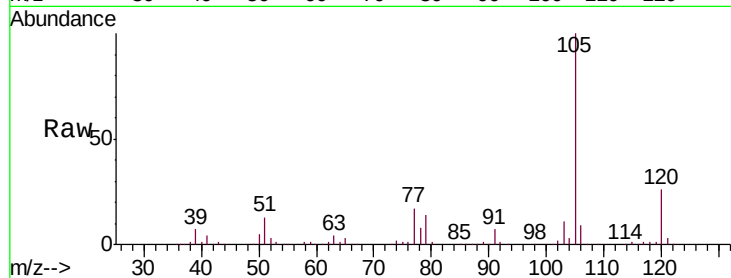
VSTDIC010

Tgt Ion: 105 Resp: 123713

Ion Ratio Lower Upper

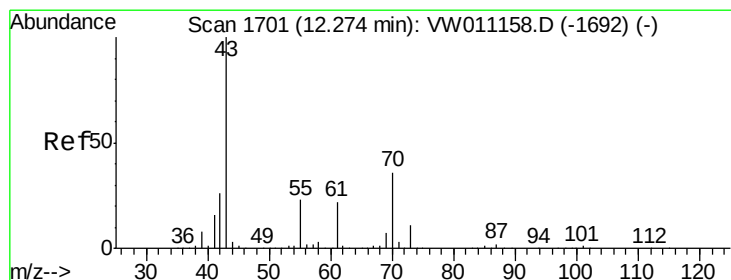
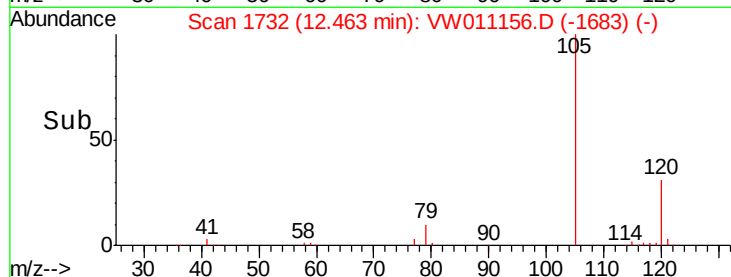
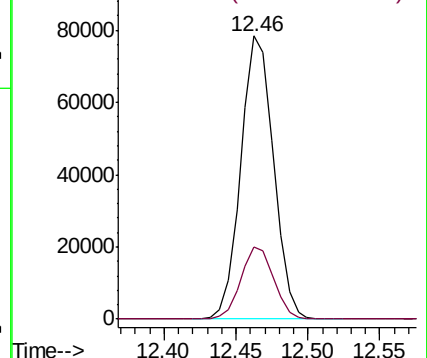
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.531 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Tgt Ion: 43 Resp: 42691

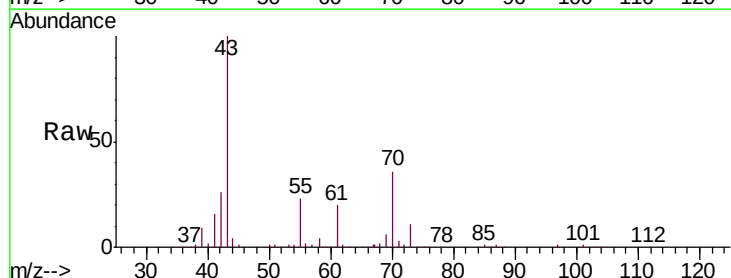
Ion Ratio Lower Upper

43 100

70 36.9 28.5 42.7

55 24.7 18.1 27.1

61 21.1 17.2 25.8

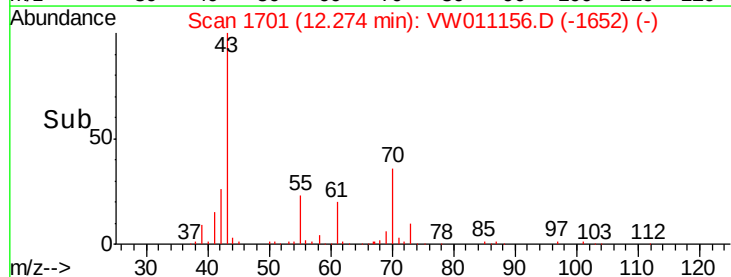
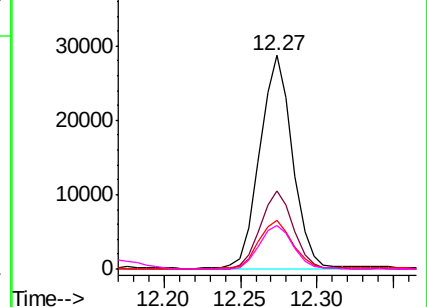


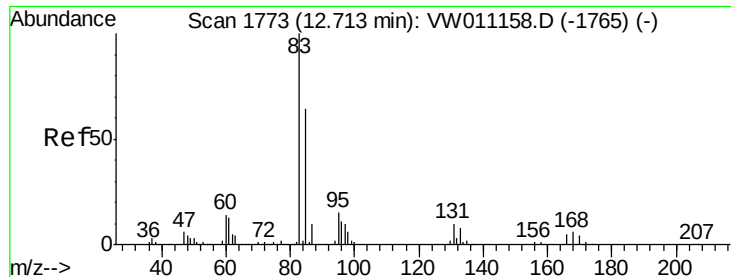
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 10.028 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

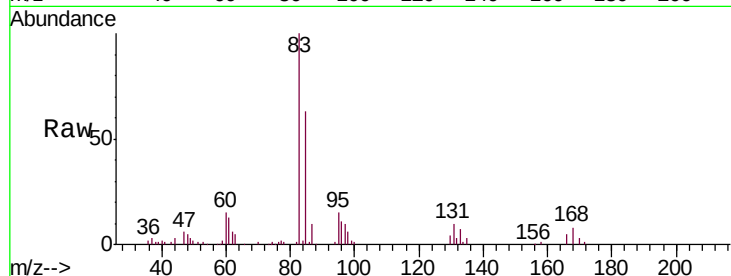
Tgt Ion: 83 Resp: 26436

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

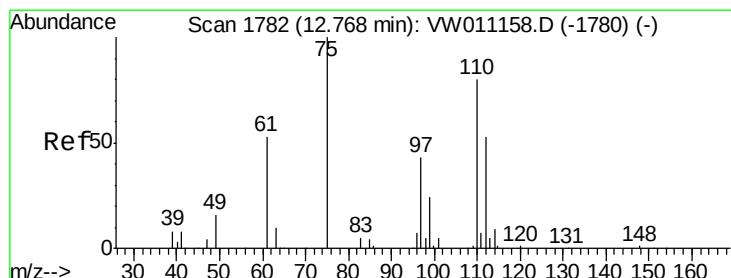
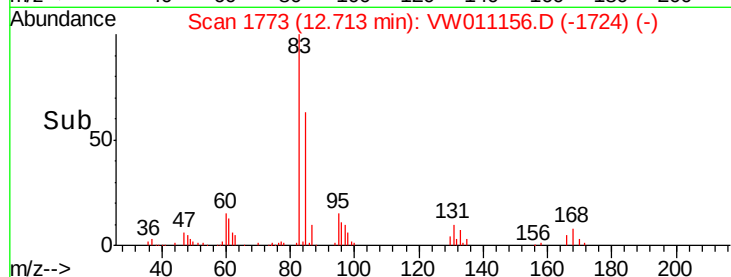
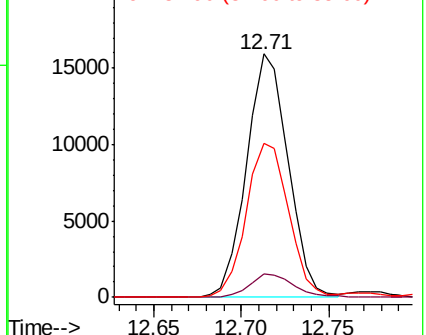
85 64.7 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 17.263 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011156.D

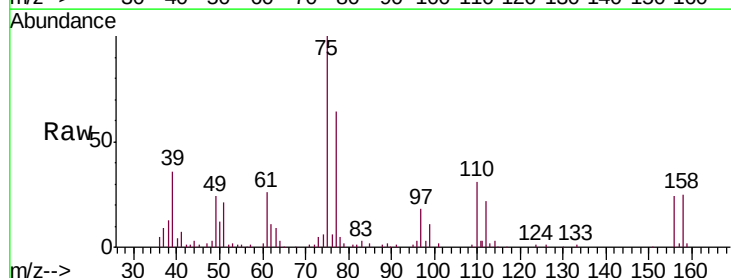
Acq: 08 Jul 2019 11:07

Tgt Ion: 75 Resp: 34413

Ion Ratio Lower Upper

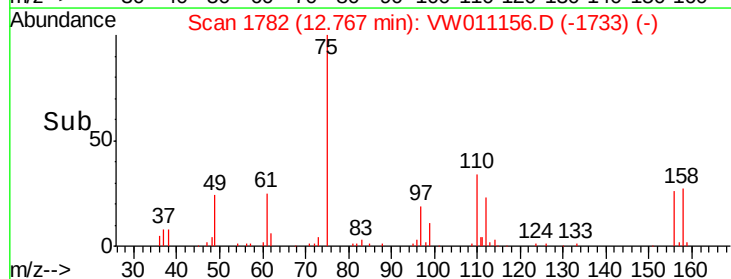
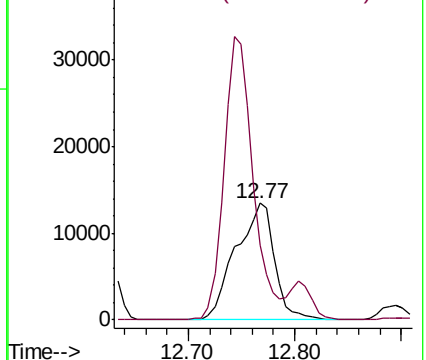
75 100

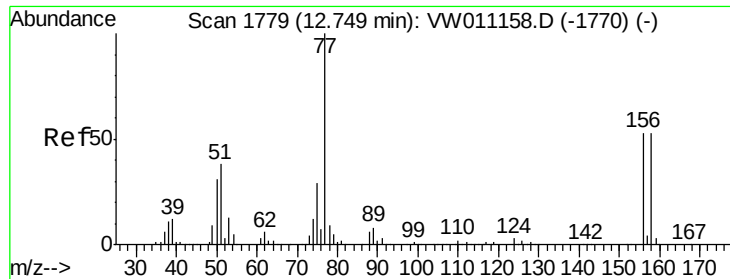
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.814 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

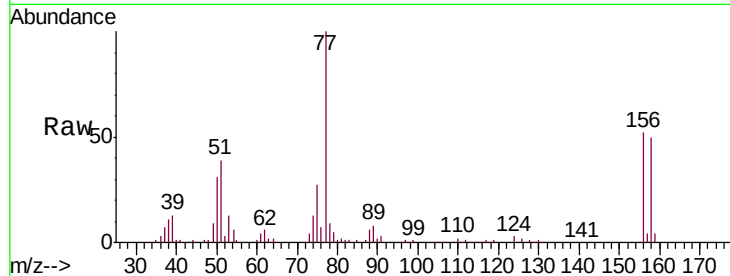
Tgt Ion:156 Resp: 28323

Ion Ratio Lower Upper

156 100

77 218.8 109.0 327.0

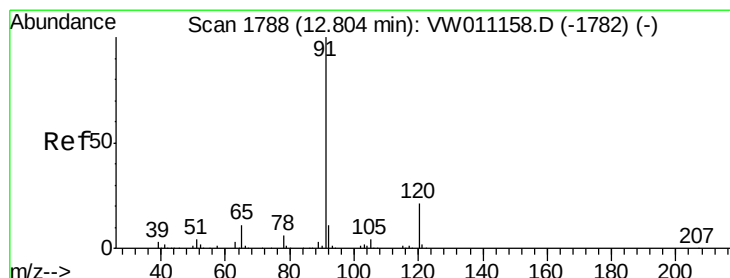
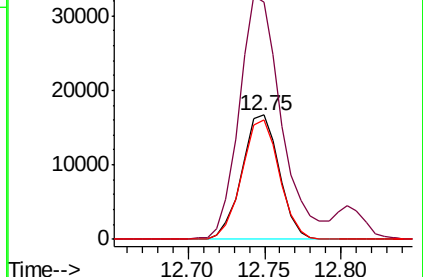
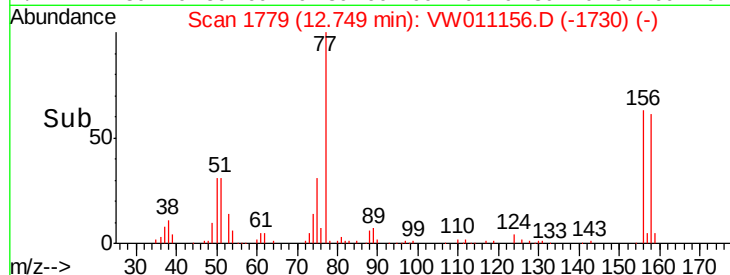
158 96.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.771 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011156.D

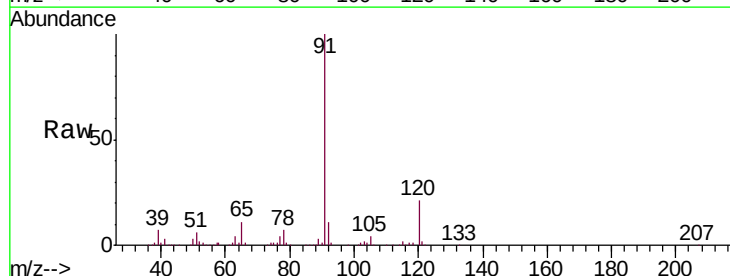
Acq: 08 Jul 2019 11:07

Tgt Ion: 91 Resp: 154792

Ion Ratio Lower Upper

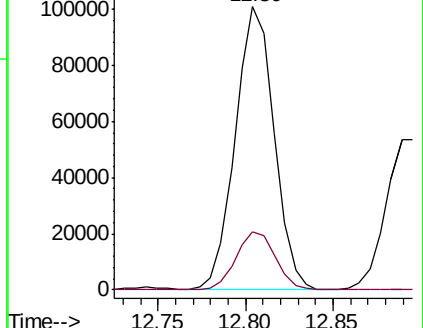
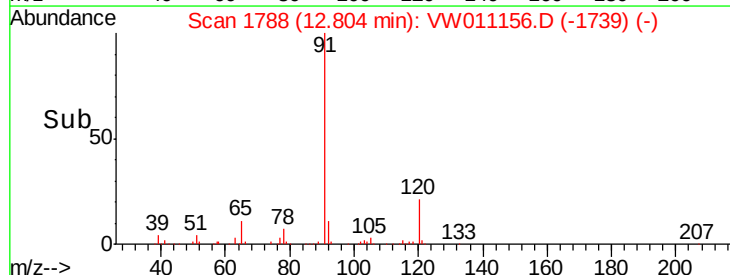
91 100

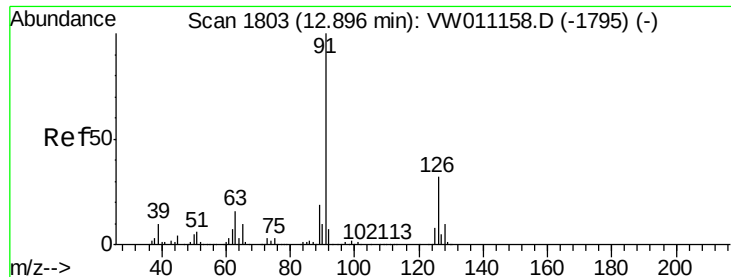
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.791 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

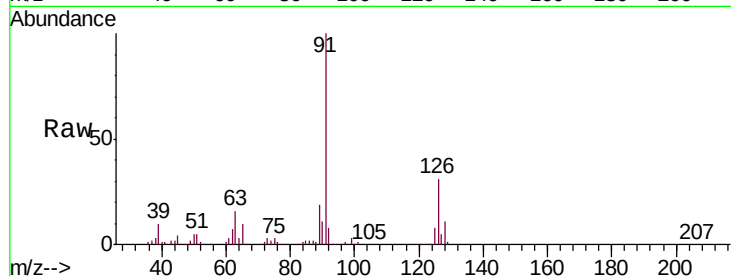
VSTDIC010

Tgt Ion: 91 Resp: 89261

Ion Ratio Lower Upper

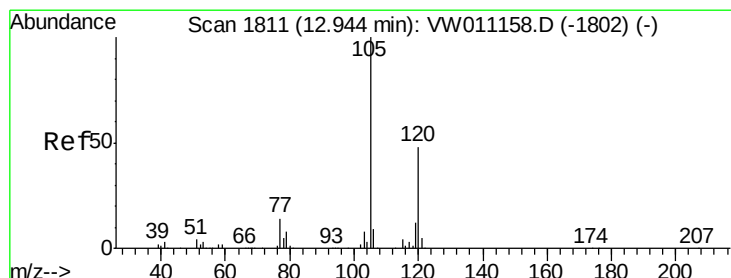
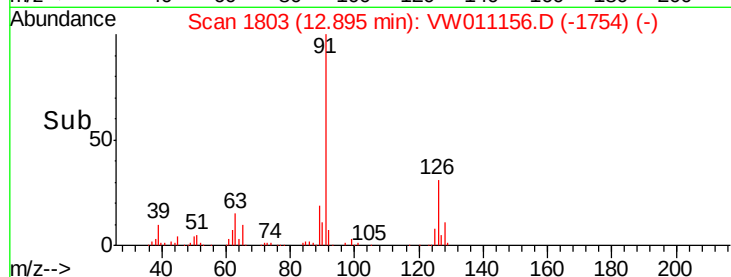
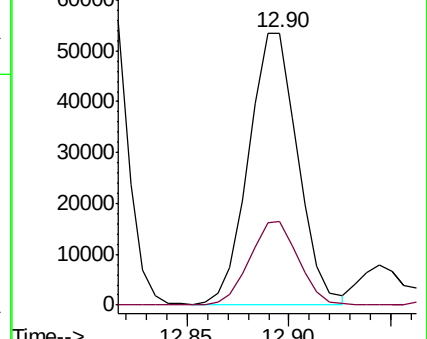
91 100

126 30.6 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.796 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011156.D

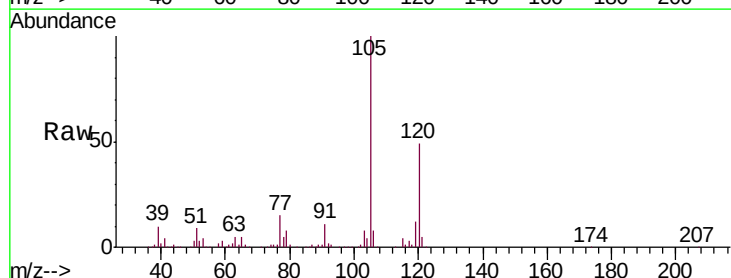
Acq: 08 Jul 2019 11:07

Tgt Ion: 105 Resp: 107029

Ion Ratio Lower Upper

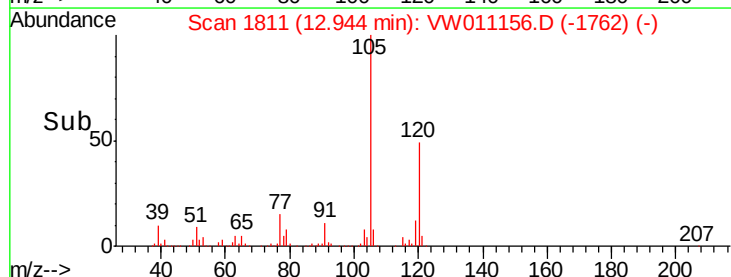
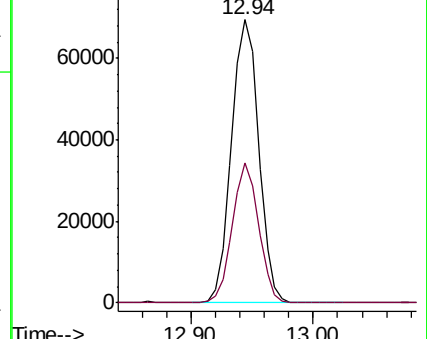
105 100

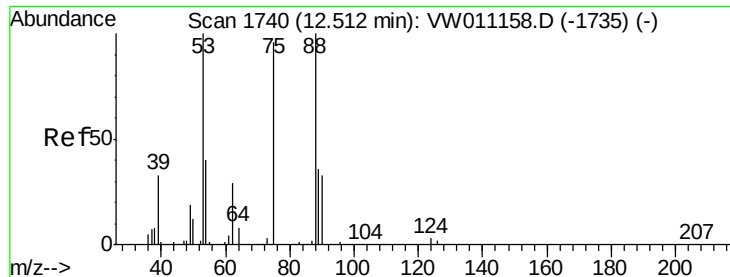
120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

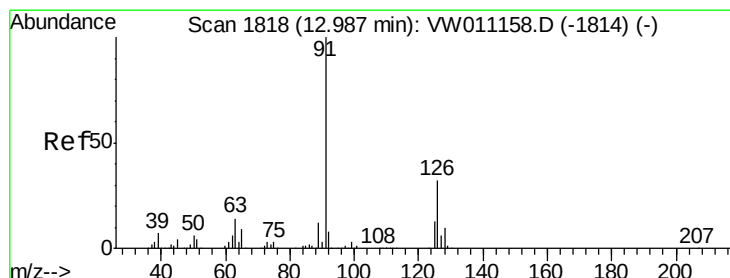
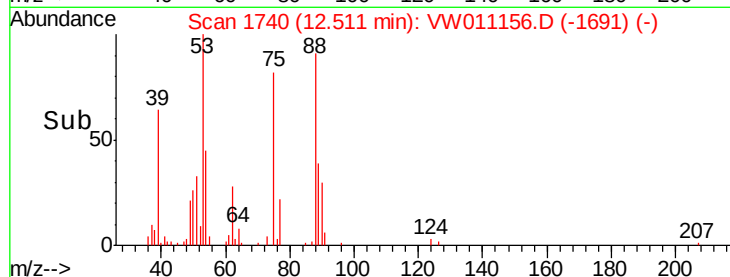
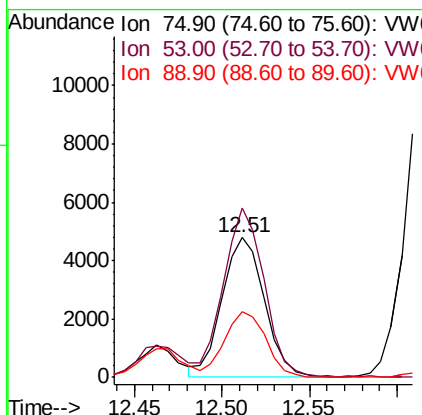
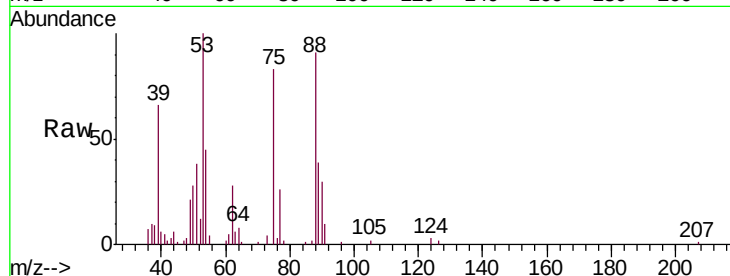




#81
trans-1,4-Dichloro-2-butene
Concen: 9.163 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

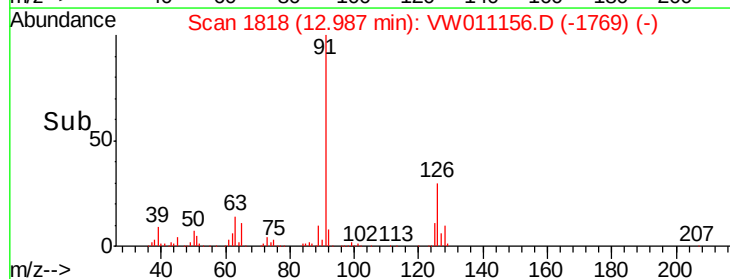
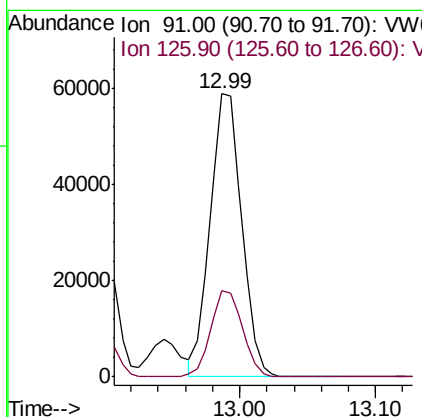
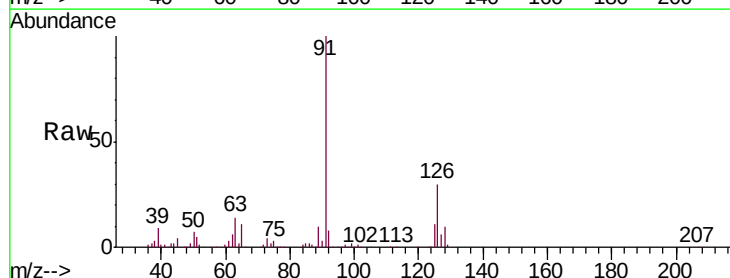
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

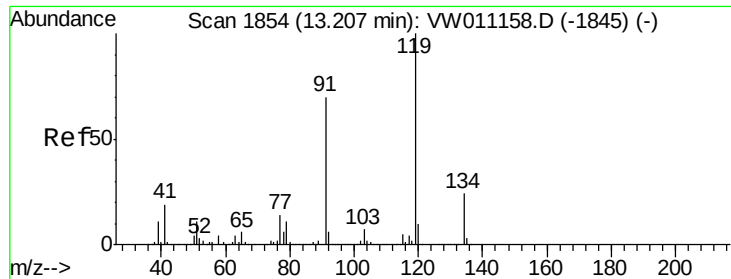
Tgt Ion: 75 Resp: 8054
Ion Ratio Lower Upper
75 100
53 117.2 89.8 134.6
89 45.9 34.3 51.5



#82
4-Chlorotoluene
Concen: 9.966 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion: 91 Resp: 94627
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.1

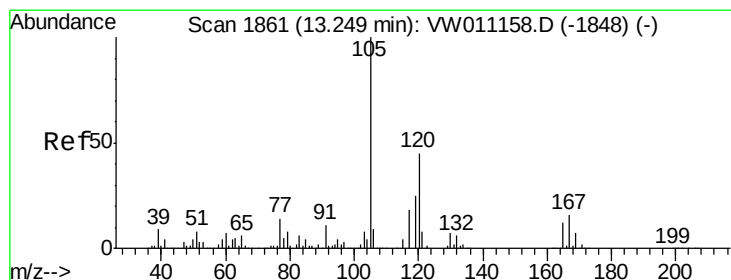
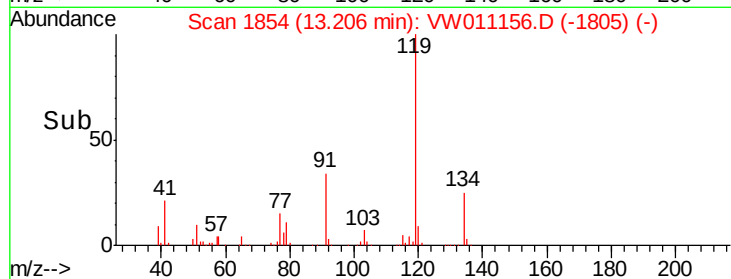
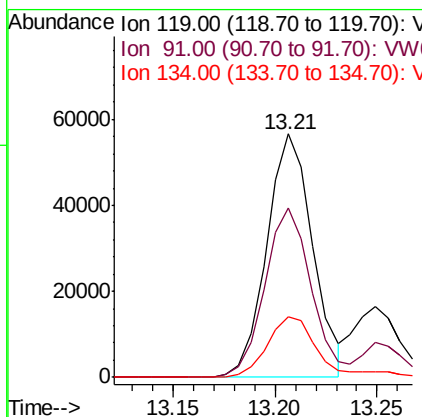
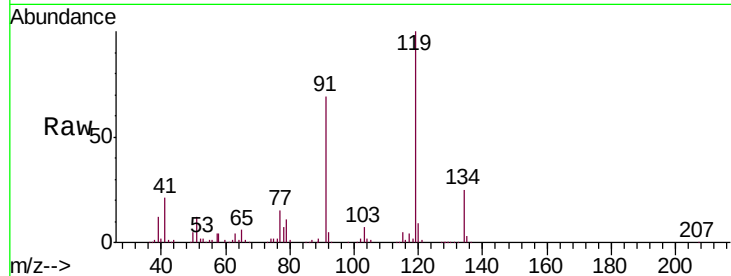




#83
 tert-Butylbenzene
 Concen: 9.759 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

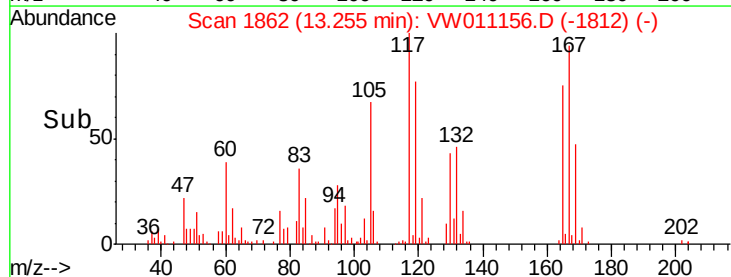
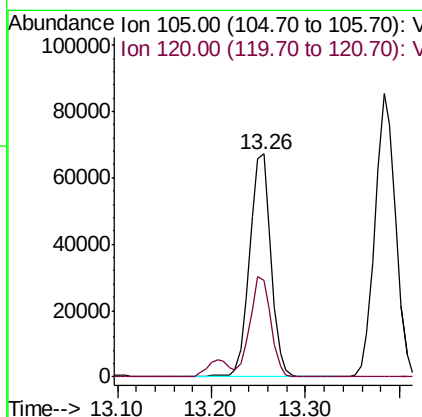
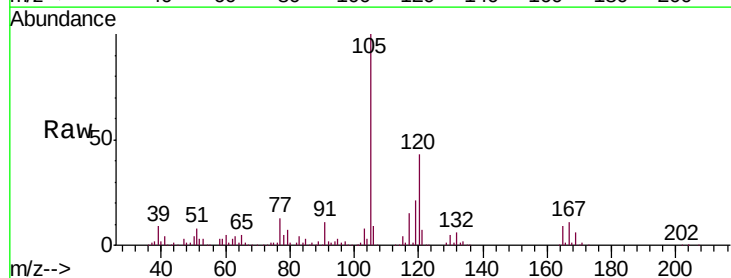
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

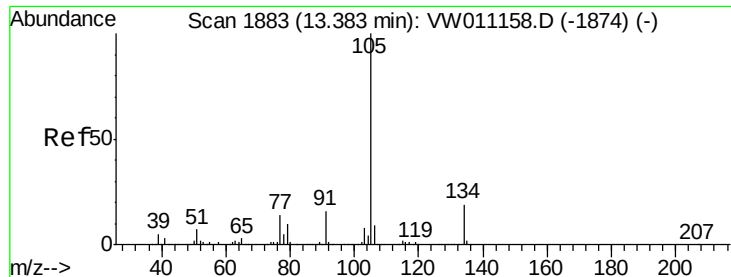
Tgt Ion:119 Resp: 88925
 Ion Ratio Lower Upper
 119 100
 91 70.7 35.4 106.3
 134 27.9 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 9.787 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion:105 Resp: 107370
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.3 66.9

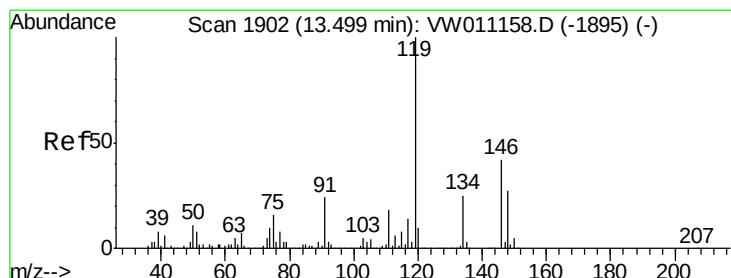
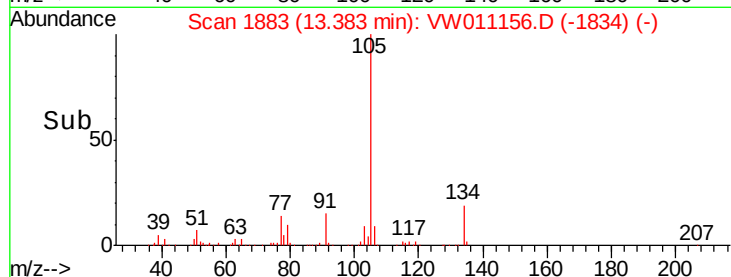
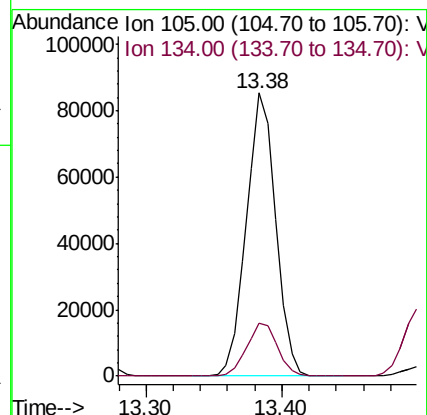
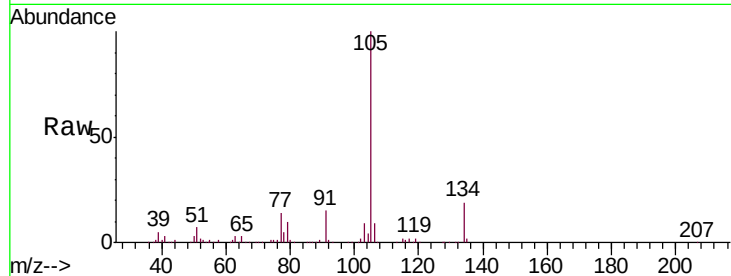




#85
 sec-Butylbenzene
 Concen: 9.815 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

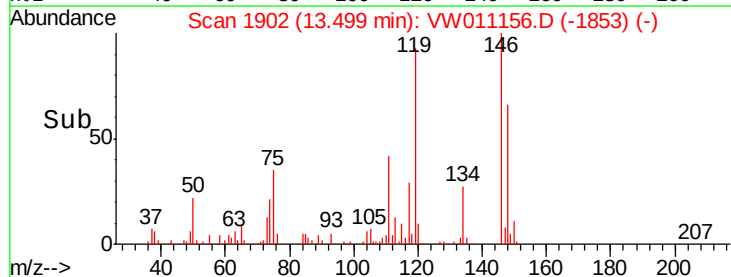
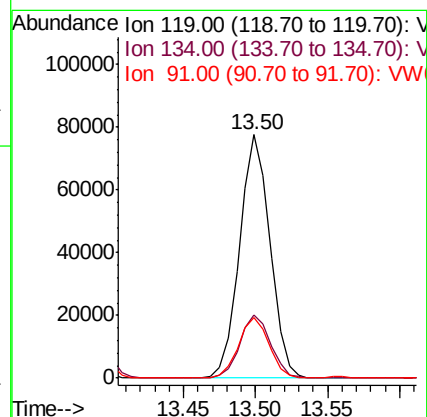
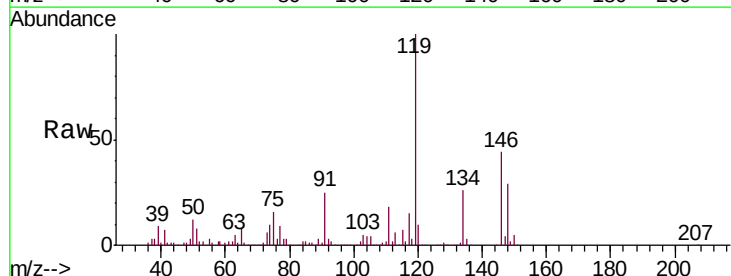
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

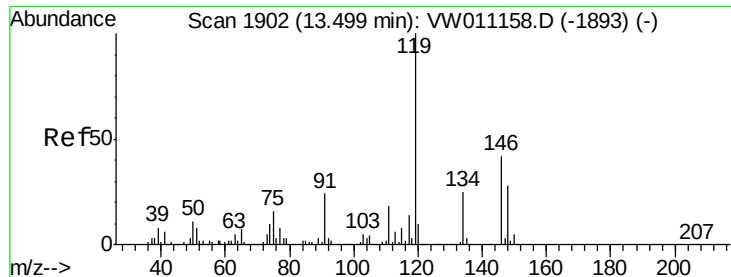
Tgt Ion:105 Resp: 129042
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 9.682 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion:119 Resp: 114175
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 25.0 12.3 36.8

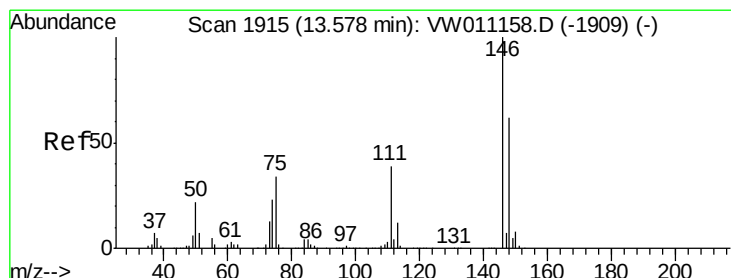
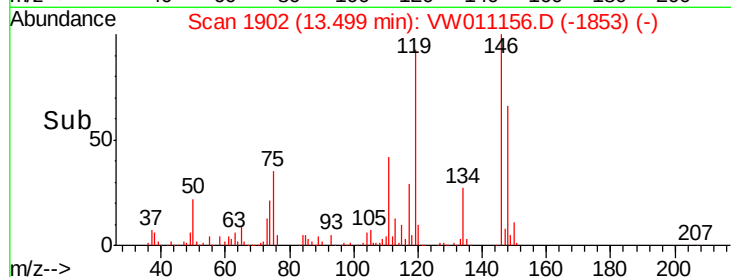
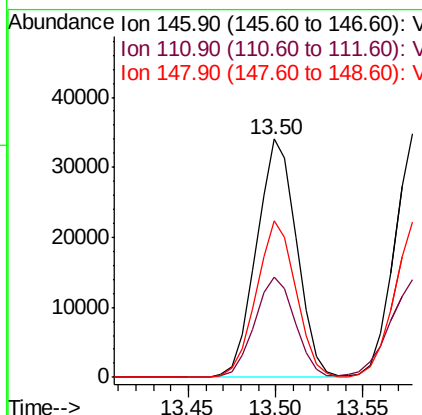
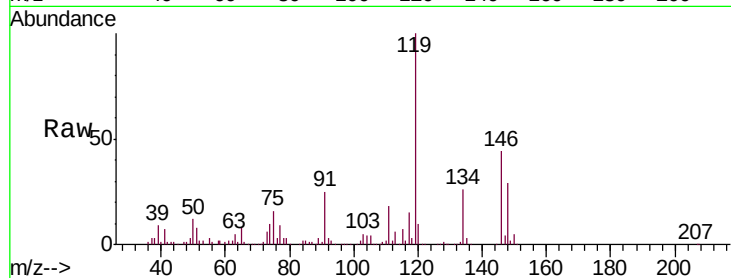




#87
 1,3-Dichlorobenzene
 Concen: 9.770 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

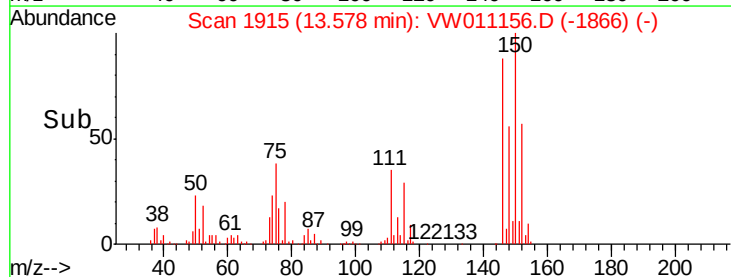
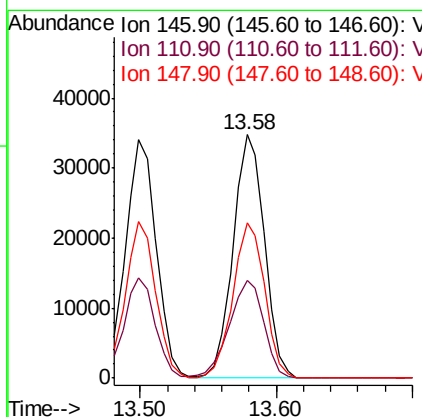
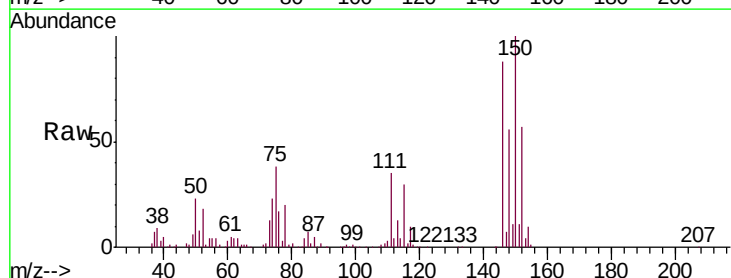
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

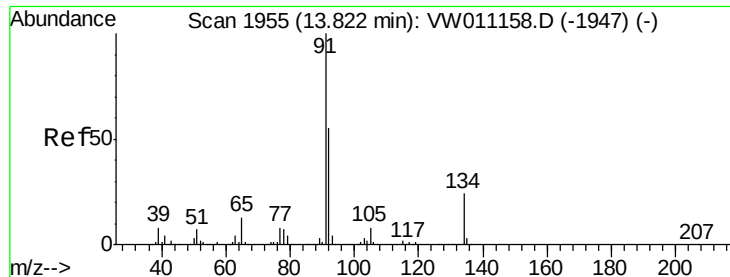
Tgt Ion:146 Resp: 54253
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.1
 148 64.8 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 9.964 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion:146 Resp: 55713
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.9 59.7
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 9.691 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011156.D

Acq: 08 Jul 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

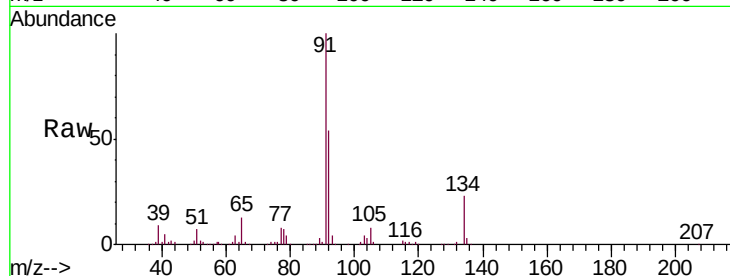
Tgt Ion: 91 Resp: 114002

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

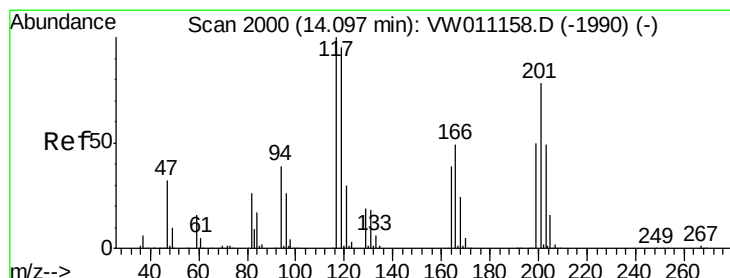
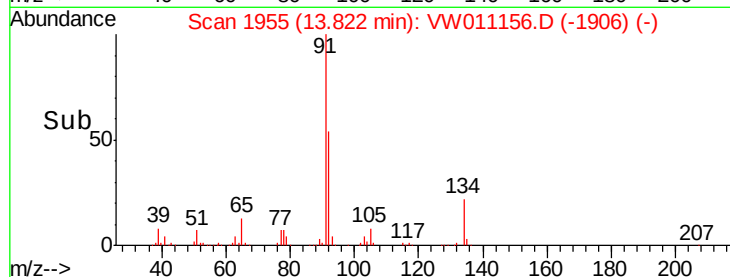
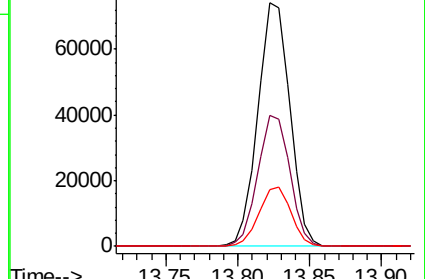
134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.550 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011156.D

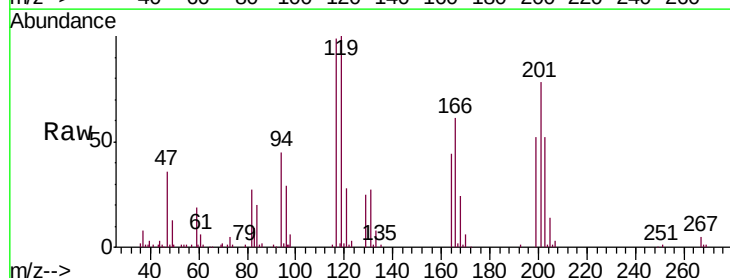
Acq: 08 Jul 2019 11:07

Tgt Ion: 117 Resp: 20580

Ion Ratio Lower Upper

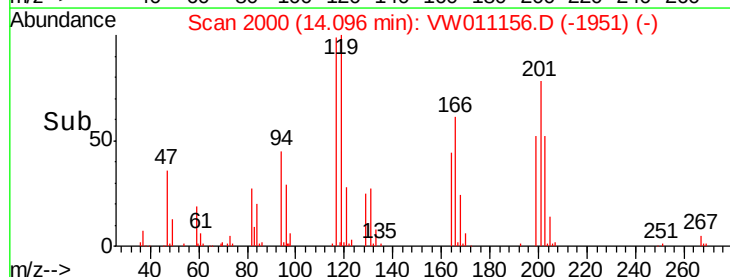
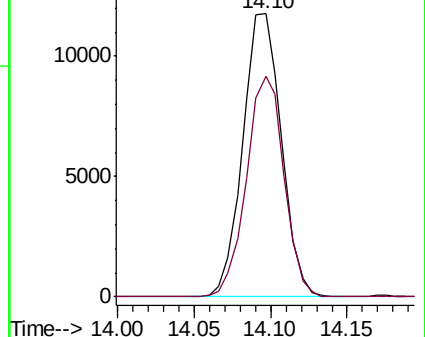
117 100

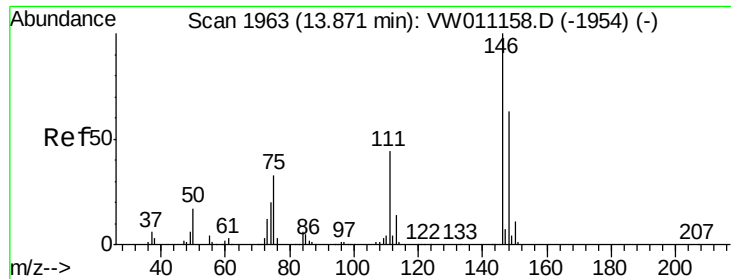
201 76.1 38.3 114.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

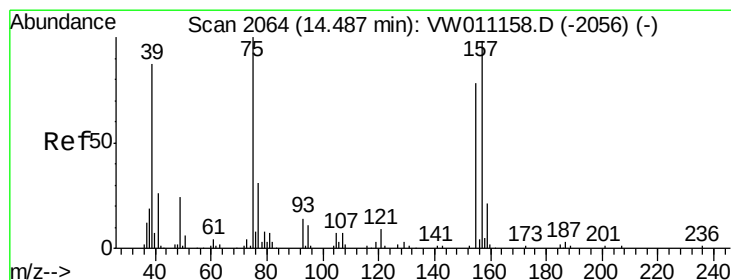
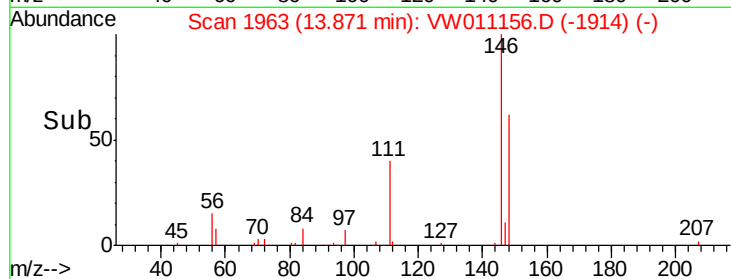
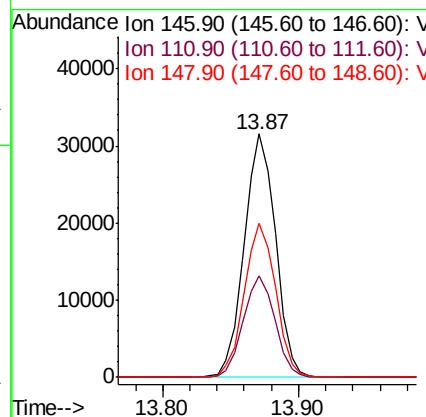
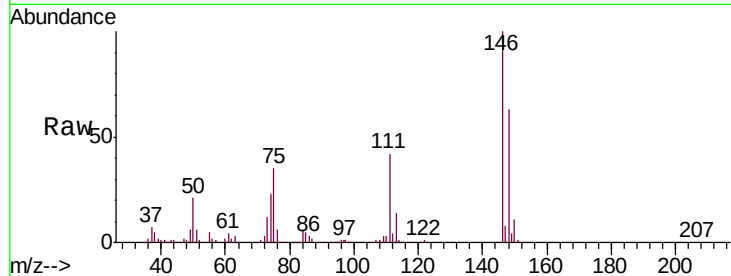




#91
 1,2-Dichlorobenzene
 Concen: 10.106 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

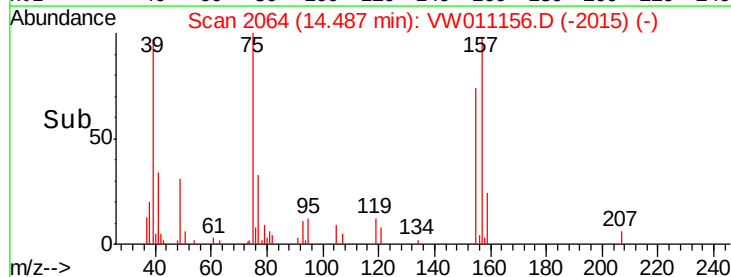
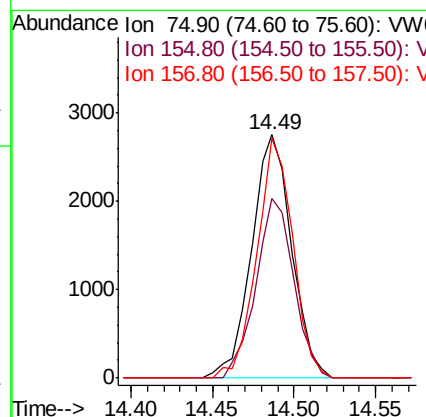
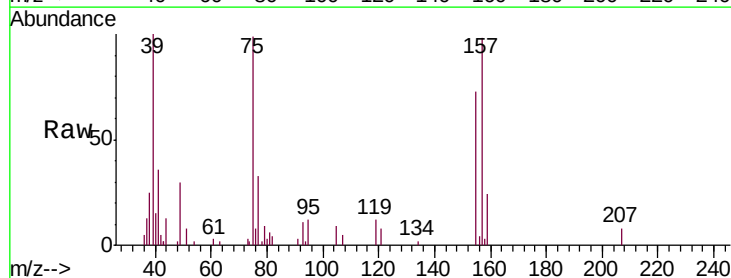
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

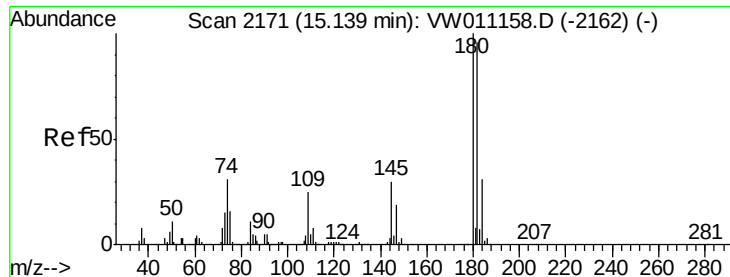
Tgt Ion: 146 Resp: 50913
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.6 65.0
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.026 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion: 75 Resp: 4688
 Ion Ratio Lower Upper
 75 100
 155 70.0 37.1 111.3
 157 88.6 48.5 145.6

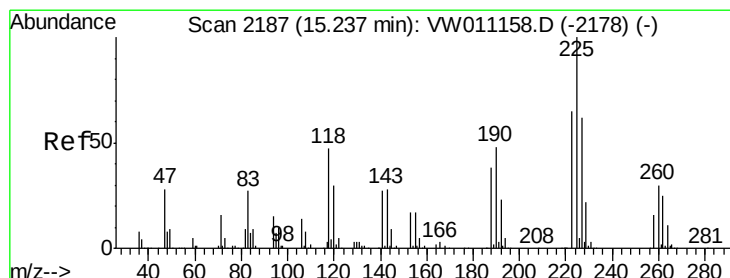
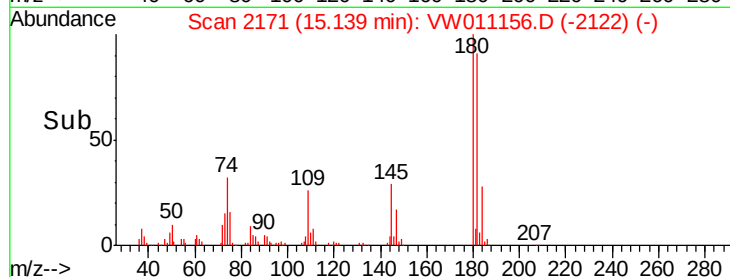
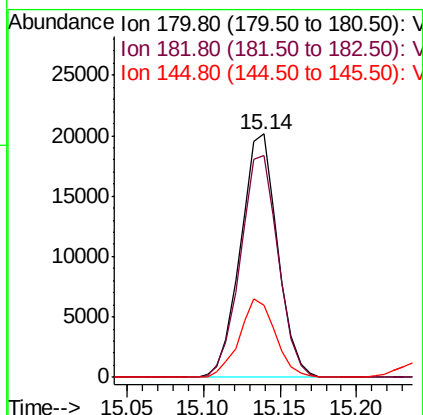
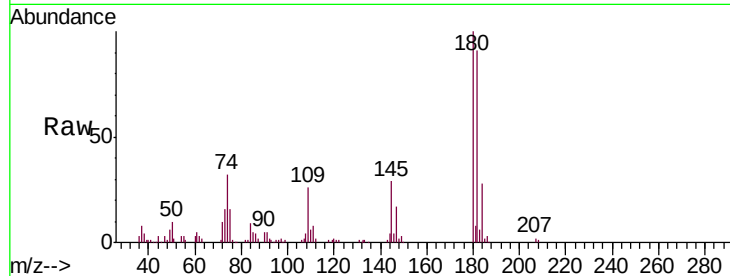




#93
 1,2,4-Trichlorobenzene
 Concen: 9.739 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

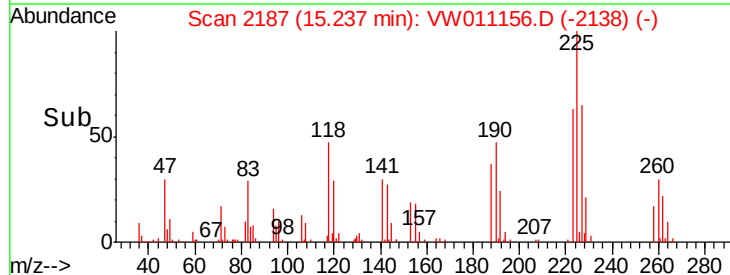
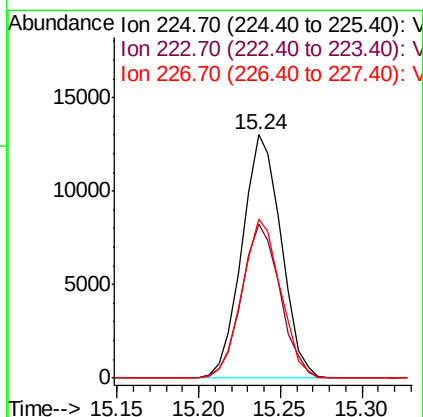
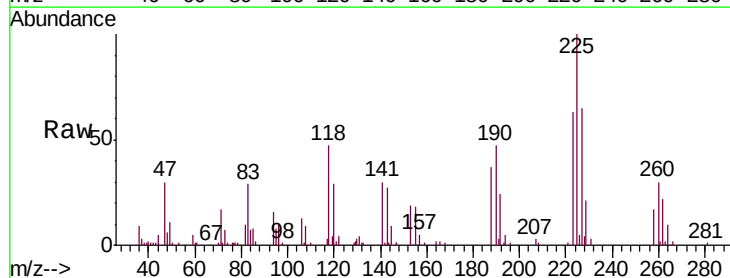
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

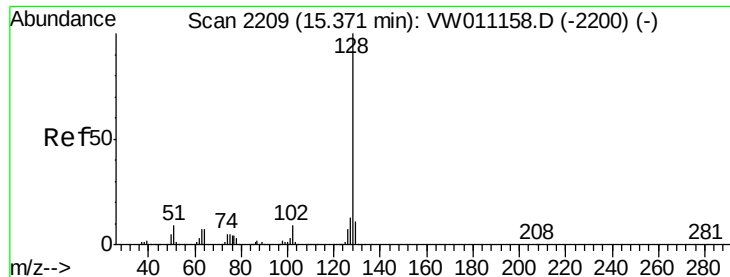
Tgt Ion:180 Resp: 33793
 Ion Ratio Lower Upper
 180 100
 182 93.1 48.3 144.9
 145 31.3 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 10.180 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011156.D
 Acq: 08 Jul 2019 11:07

Tgt Ion:225 Resp: 21686
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.2 32.0 96.0

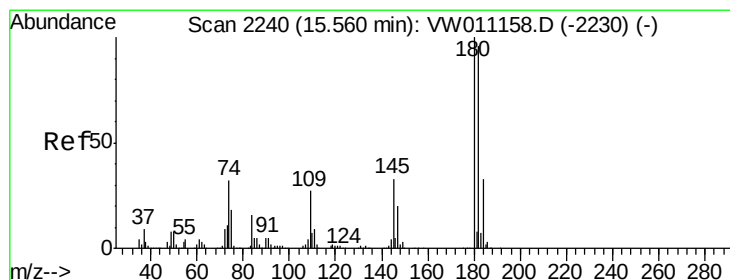
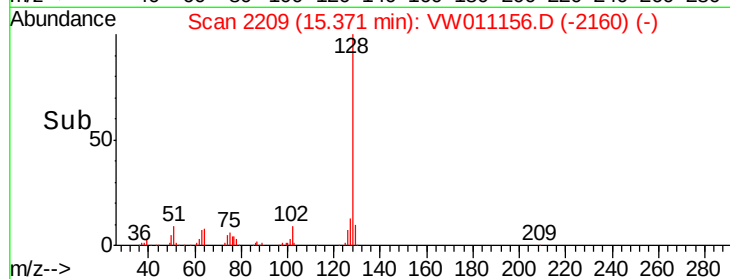
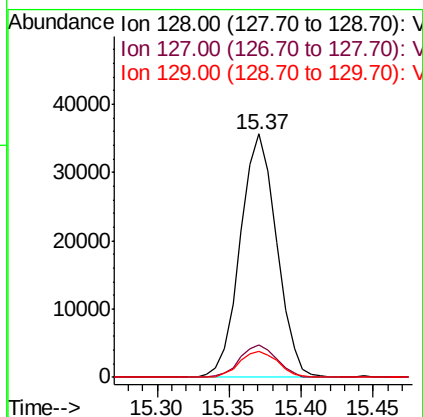
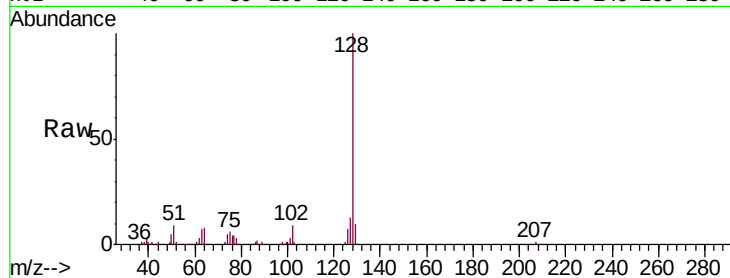




#95
Naphthalene
Concen: 9.415 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 62603
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.725 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011156.D
Acq: 08 Jul 2019 11:07

Tgt Ion:180 Resp: 29781
Ion Ratio Lower Upper
180 100
182 97.7 47.6 142.8
145 32.7 16.5 49.5

