

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010355.D
 Acq On : 10 May 2019 14:43
 Operator : SY/VA
 Sample : VW0510SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Quant Time: May 10 23:17:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1330165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2192261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1983464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	990783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	809029	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	7.88	113	697796	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.32	98	2776371	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.62	95	1009595	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.02	85	189287	18.809	ug/l 98
3) Chloromethane	2.21	50	264723	19.442	ug/l 98
4) Vinyl Chloride	2.37	62	337710	19.957	ug/l 98
5) Bromomethane	2.77	94	193639	19.844	ug/l 100
6) Chloroethane	2.92	64	197735	20.206	ug/l 99
7) Trichlorofluoromethane	3.25	101	139353	16.450	ug/l 99
8) Diethyl Ether	3.67	74	164743	22.121	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	284091	20.466	ug/l 98
10) Methyl Iodide	4.27	142	411965	20.958	ug/l 94
11) Tert butyl alcohol	5.18	59	96647	96.774	ug/l 99
12) 1,1-Dichloroethene	4.03	96	297986	20.544	ug/l 97
13) Acrolein	3.89	56	107578	81.589	ug/l 99
14) Allyl chloride	4.65	41	415244	19.179	ug/l 93
15) Acrylonitrile	5.37	53	374409	90.706	ug/l 97
16) Acetone	4.12	43	337330	91.502	ug/l 98
17) Carbon Disulfide	4.38	76	864935	19.717	ug/l 99
18) Methyl Acetate	4.67	43	169321	18.543	ug/l 95
19) Methyl tert-butyl Ether	5.42	73	384681	22.279	ug/l 96
20) Methylene Chloride	4.91	84	379988	24.712	ug/l 94
21) trans-1,2-Dichloroethene	5.41	96	326641	20.921	ug/l 98
22) Diisopropyl ether	6.31	45	1008220	23.994	ug/l 97
23) Vinyl Acetate	6.25	43	3236096	112.158	ug/l 97
24) 1,1-Dichloroethane	6.21	63	621945	21.984	ug/l 100
25) 2-Butanone	7.17	43	539757	95.706	ug/l 98
26) 2,2-Dichloropropane	7.16	77	297661	21.147	ug/l 97
27) cis-1,2-Dichloroethene	7.17	96	357074	22.239	ug/l 96
28) Bromochloromethane	7.51	49	271439	26.025	ug/l 98
29) Tetrahydrofuran	7.53	42	351256	96.292	ug/l 96
30) Chloroform	7.67	83	596307	22.523	ug/l 96
31) Cyclohexane	7.95	56	586732	20.255	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	434706	21.197	ug/l 100
36) 1,1-Dichloropropene	8.08	75	489847	20.608	ug/l 99
37) Ethyl Acetate	7.25	43	242424	19.155	ug/l 98
38) Carbon Tetrachloride	8.06	117	406329	19.942	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	575535	19.793	ug/l	97
40) Benzene	8.32	78	1381966	21.229	ug/l	99
41) Methacrylonitrile	7.48	41	134394	18.935	ug/l	93
42) 1,2-Dichloroethane	8.40	62	413272	22.179	ug/l	98
43) Isopropyl Acetate	8.43	43	426552	20.322	ug/l	98
44) Trichloroethene	9.09	130	339774	20.849	ug/l	97
45) 1,2-Dichloropropane	9.37	63	358734	22.170	ug/l	98
46) Dibromomethane	9.46	93	175791	21.029	ug/l	97
47) Bromodichloromethane	9.64	83	442430	22.064	ug/l	98
48) Methyl methacrylate	9.43	41	199157	20.067	ug/l	88
49) 1,4-Dioxane	9.45	88	56347	386.516	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1188695	98.764	ug/l	94
52) Toluene	10.38	92	858347	21.572	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	442016	21.762	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	528522	21.971	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	255501	21.519	ug/l	99
56) Ethyl methacrylate	10.65	69	337874	21.549	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	465932	21.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	811050	108.041	ug/l	99
59) 2-Hexanone	10.97	43	817691	96.090	ug/l	93
60) Dibromochloromethane	11.13	129	276451	21.638	ug/l	99
61) 1,2-Dibromoethane	11.23	107	240878	21.134	ug/l	98
64) Tetrachloroethene	10.86	164	276549	19.949	ug/l	97
65) Chlorobenzene	11.66	112	883387	21.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	306606	22.094	ug/l	100
67) Ethyl Benzene	11.73	91	1621127	21.463	ug/l	99
68) m/p-Xylenes	11.84	106	1205739	42.965	ug/l	98
69) o-Xylene	12.16	106	553803	21.815	ug/l	99
70) Styrene	12.18	104	979735	22.149	ug/l	99
71) Bromoform	12.35	173	157379	19.839	ug/l #	98
73) Isopropylbenzene	12.46	105	1543117	21.367	ug/l	100
74) N-amyl acetate	12.27	43	391786	20.999	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	319121	20.055	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	400651	34.683	ug/l #	100
77) Bromobenzene	12.75	156	353038	21.650	ug/l	99
78) n-propylbenzene	12.80	91	1915182	21.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	1091751	21.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1313843	21.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	96824	18.929	ug/l	96
82) 4-Chlorotoluene	12.99	91	1142309	21.463	ug/l	99
83) tert-Butylbenzene	13.21	119	1063151	20.935	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1346658	22.259	ug/l	100
85) sec-Butylbenzene	13.38	105	1582069	21.104	ug/l	99
86) p-Isopropyltoluene	13.50	119	1435532	21.567	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	709015	21.775	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	695873	21.535	ug/l	99
89) n-Butylbenzene	13.83	91	1414839	21.199	ug/l	99
90) Hexachloroethane	14.10	117	248244	20.108	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	631859	21.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52620	18.364	ug/l	99

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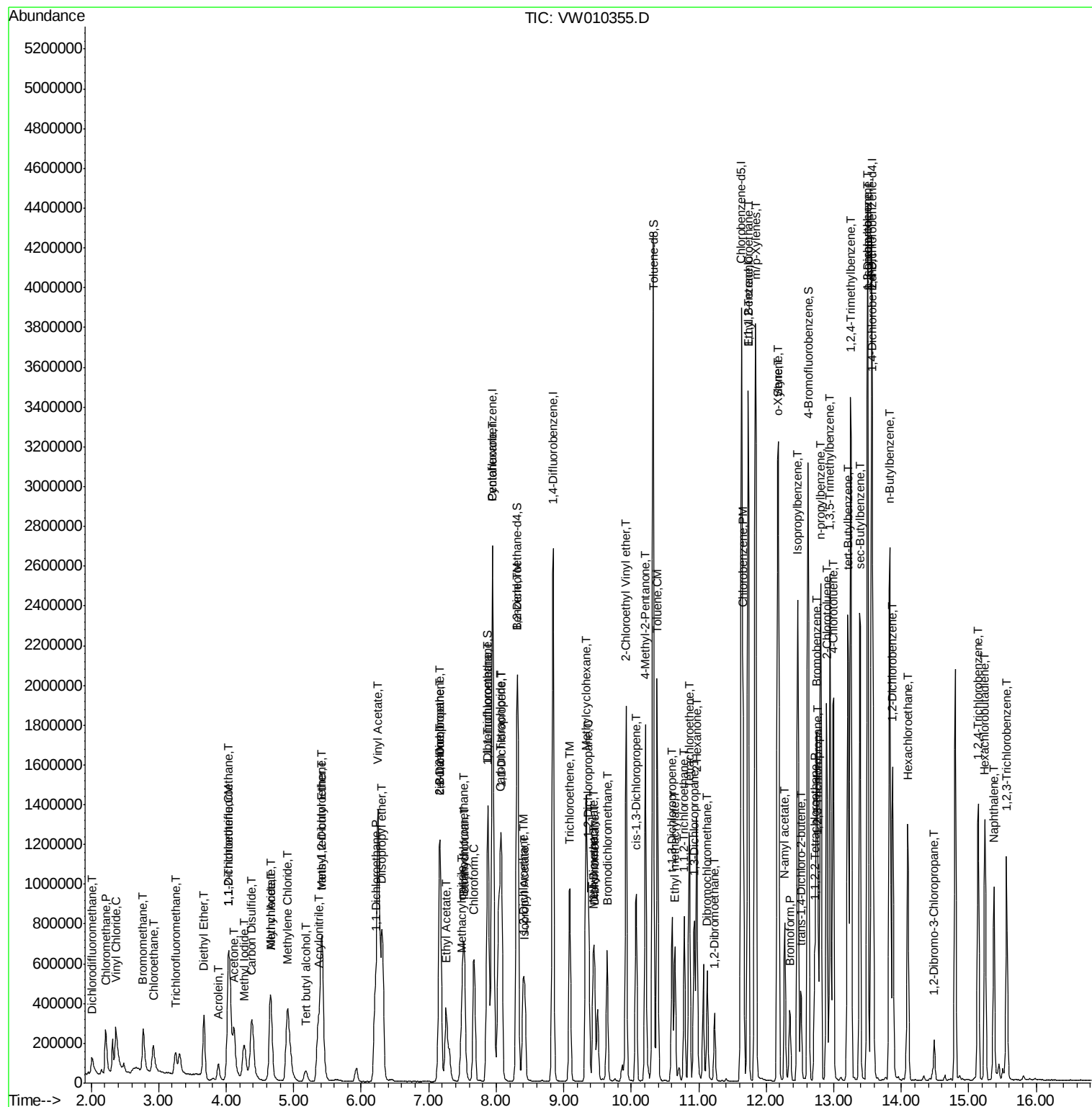
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	442382	22.488	ug/l	99
94) Hexachlorobutadiene	15.24	225	260630	20.666	ug/l	99
95) Naphthalene	15.37	128	812200	20.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	390098	21.951	ug/l	99

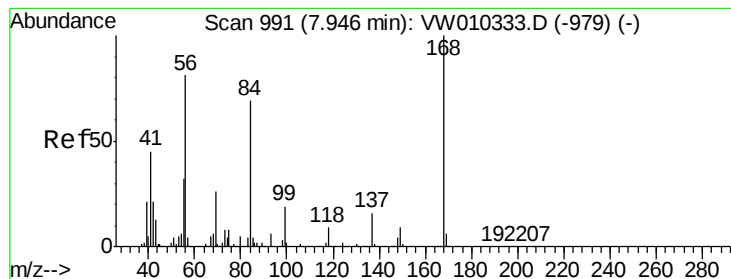
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

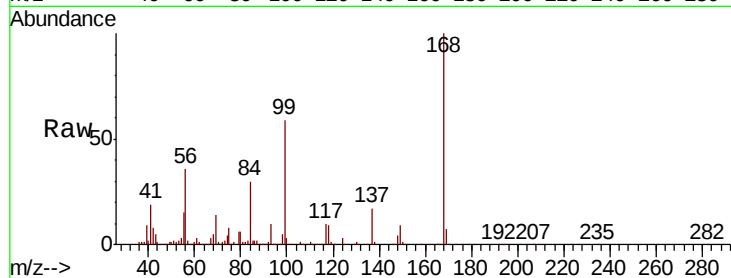
VW0510SBSD01

Tgt Ion:168 Resp: 1330165

Ion Ratio Lower Upper

168 100

99 59.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

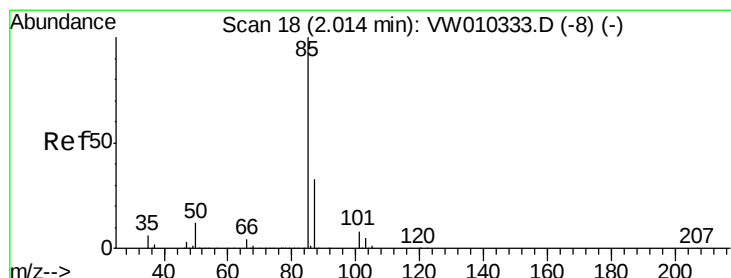
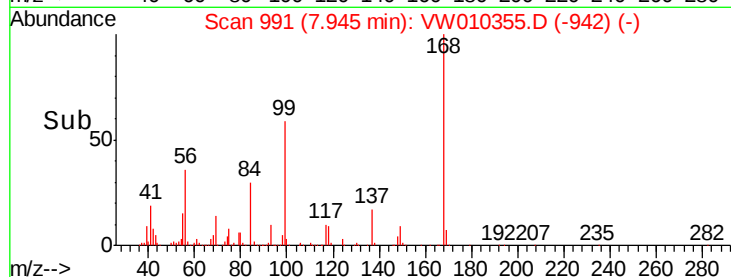
600000

400000

200000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.809 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW010355.D

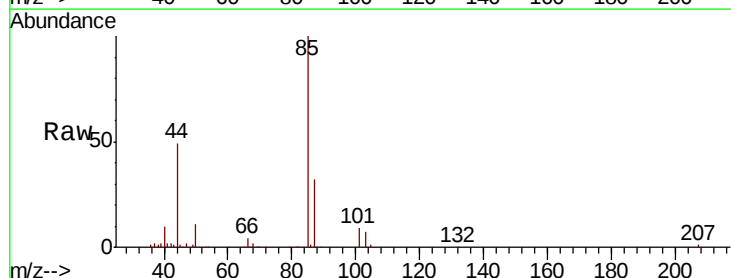
Acq: 10 May 2019 14:43

Tgt Ion: 85 Resp: 189287

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

50000

40000

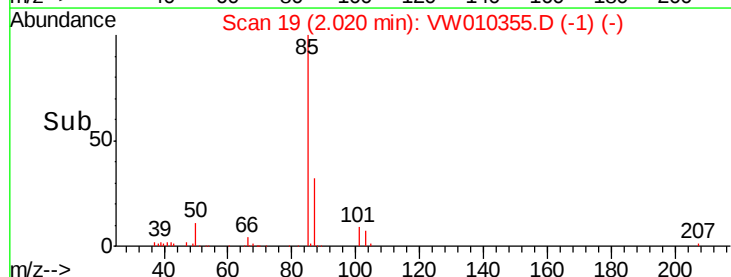
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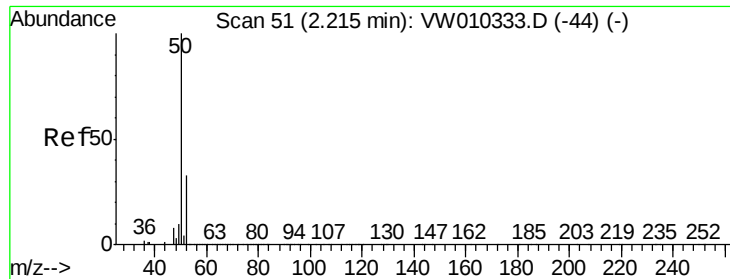
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.442 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

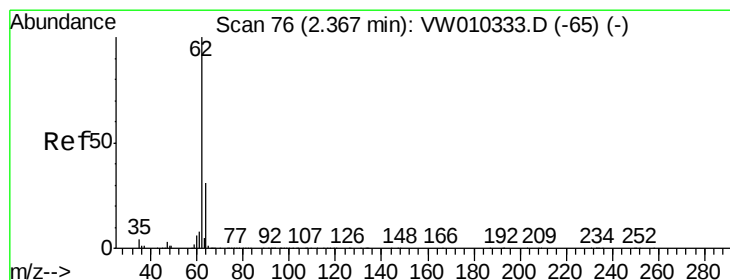
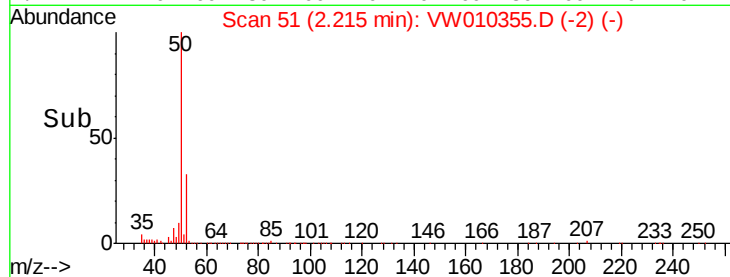
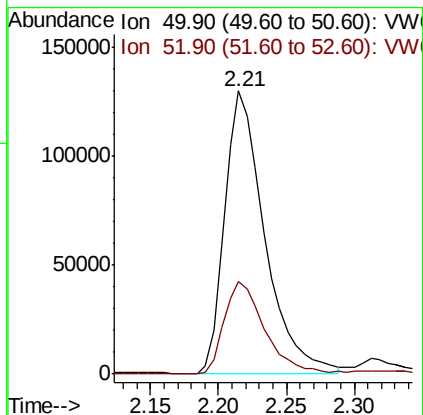
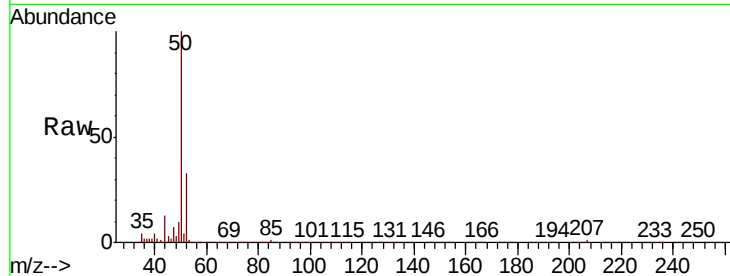
VW0510SBSD01

Tgt Ion: 50 Resp: 264723

Ion Ratio Lower Upper

50 100

52 32.6 25.0 37.6



#4

Vinyl Chloride

Concen: 19.957 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010355.D

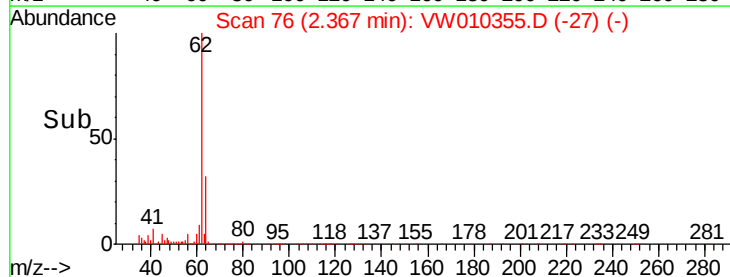
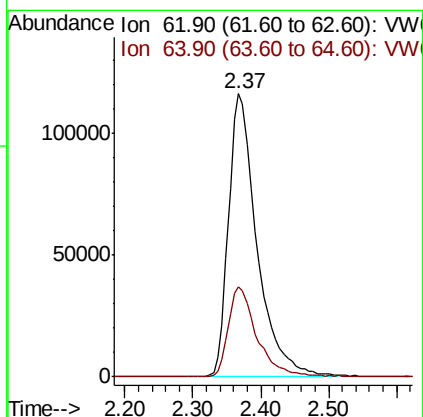
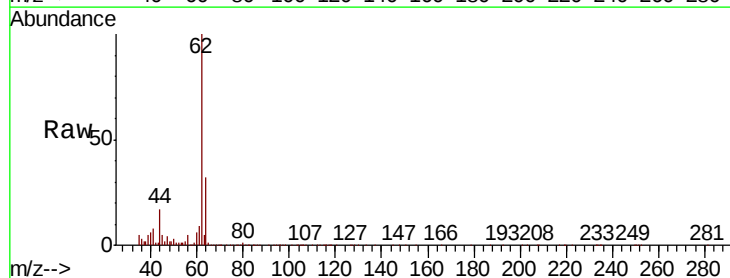
Acq: 10 May 2019 14:43

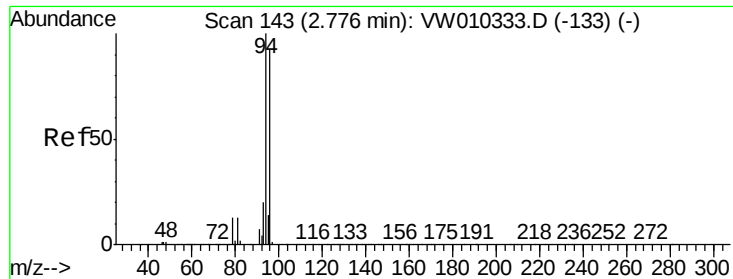
Tgt Ion: 62 Resp: 337710

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 19.844 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

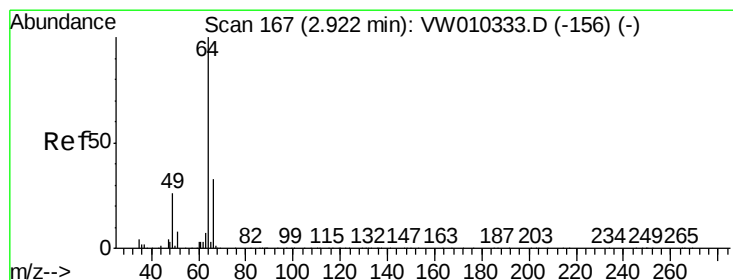
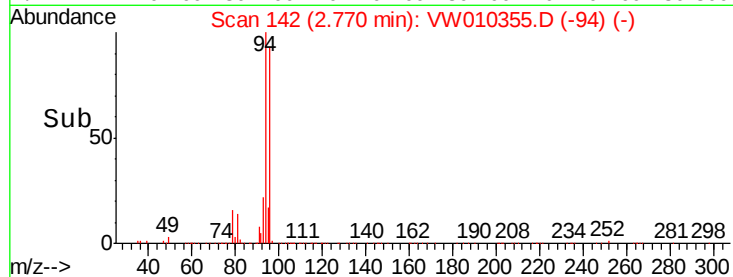
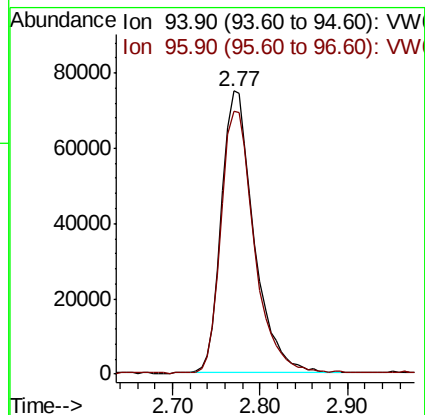
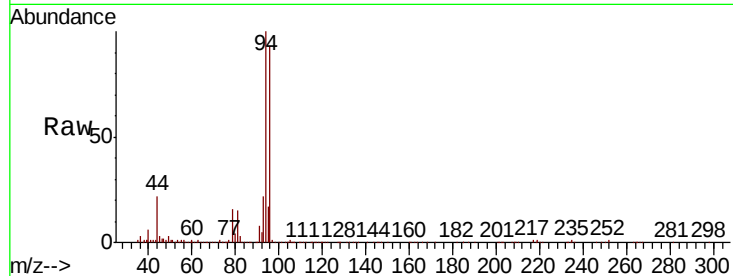
VW0510SBSD01

Tgt Ion: 94 Resp: 193639

Ion Ratio Lower Upper

94 100

96 92.9 74.2 111.2



#6

Chloroethane

Concen: 20.206 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010355.D

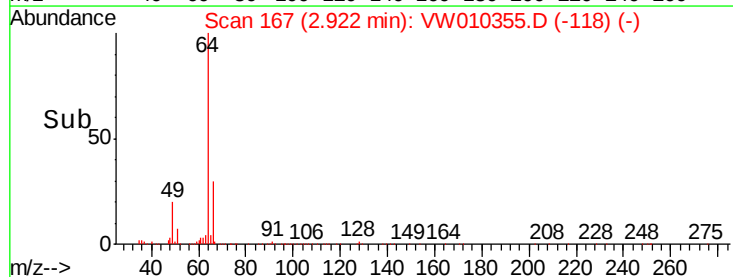
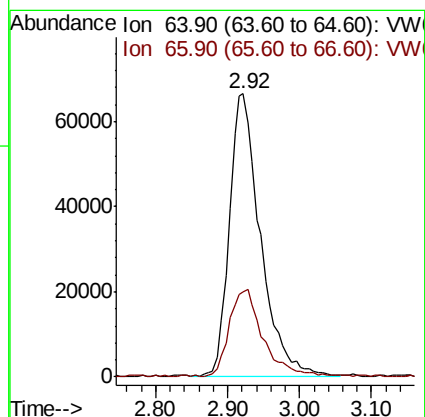
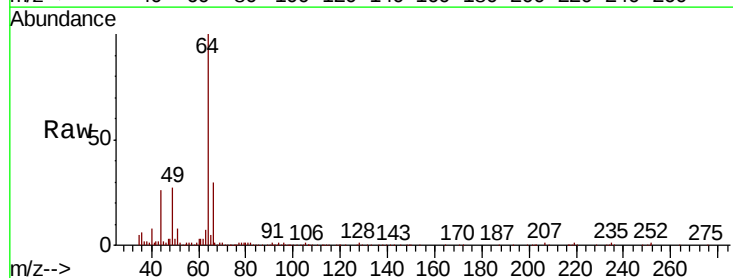
Acq: 10 May 2019 14:43

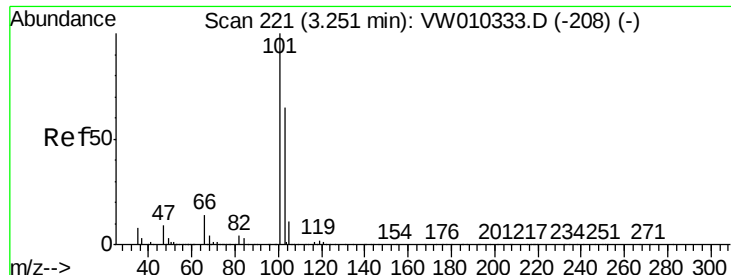
Tgt Ion: 64 Resp: 197735

Ion Ratio Lower Upper

64 100

66 29.7 23.4 35.0



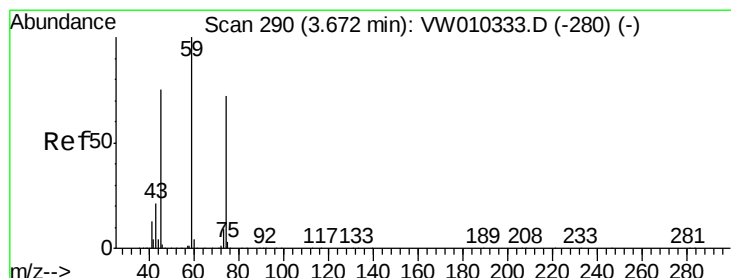
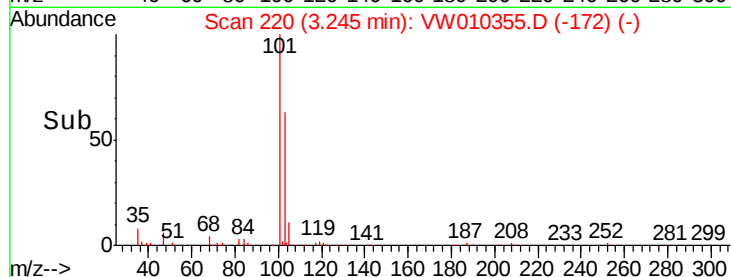
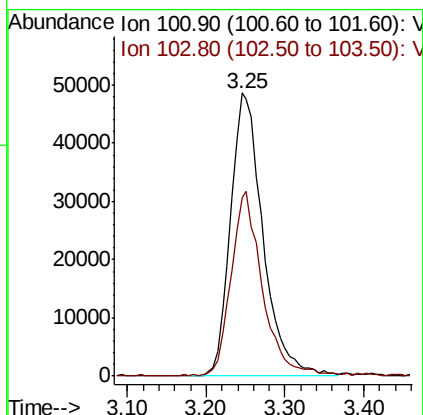
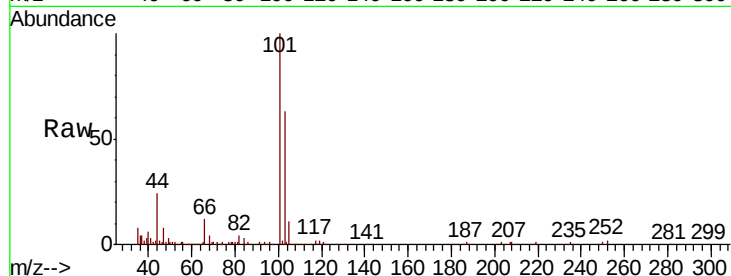


#7

Trichlorofluoromethane
 Concen: 16.450 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Instrument :
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 ClientSampleId :
 VW0510SBSD01

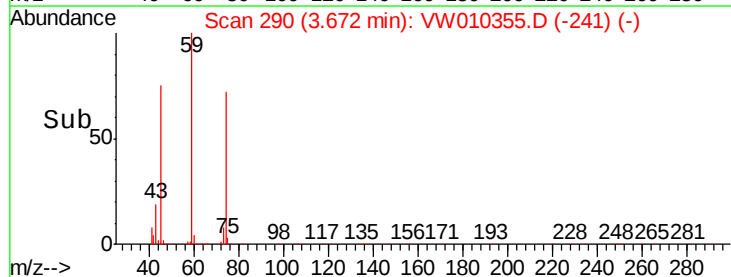
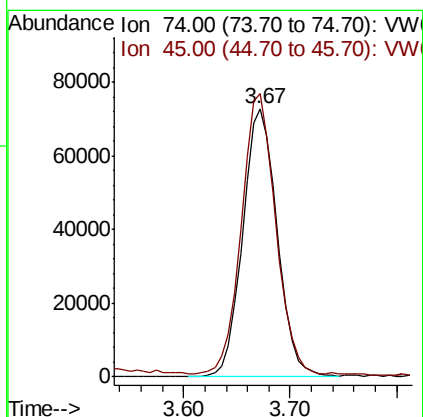
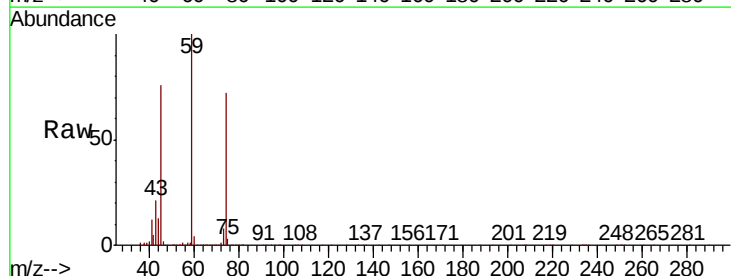
Tgt Ion:101 Resp: 139353
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.8 74.6

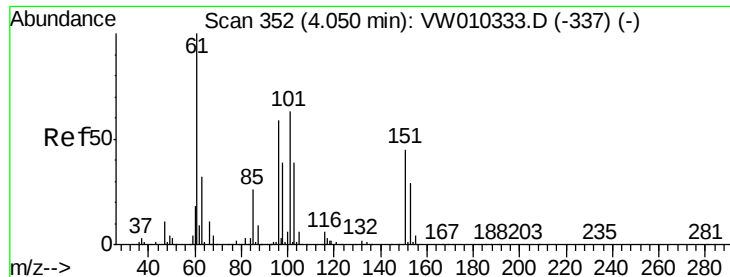


#8

Diethyl Ether
 Concen: 22.121 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion: 74 Resp: 164743
 Ion Ratio Lower Upper
 74 100
 45 106.0 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.466 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

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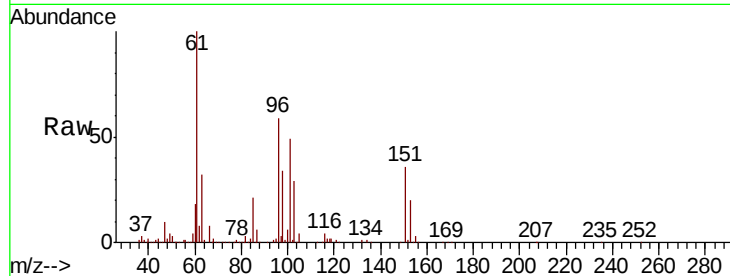
Tgt Ion:101 Resp: 284091

Ion Ratio Lower Upper

101 100

85 44.3 36.3 54.5

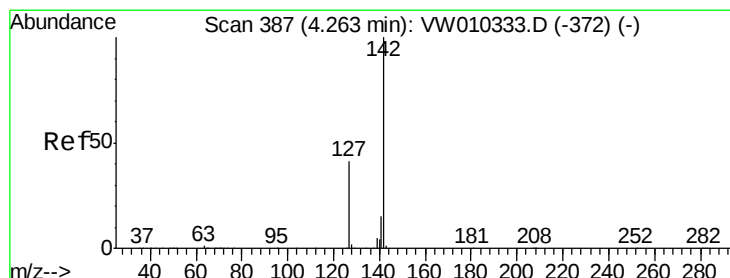
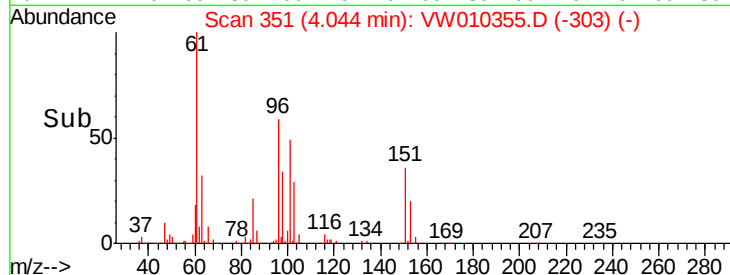
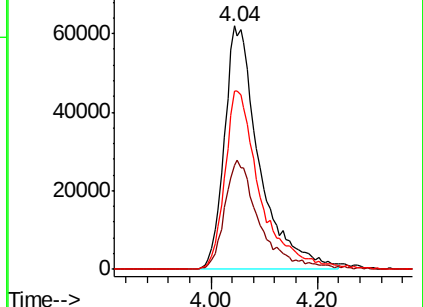
151 73.6 60.2 90.2



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: 20.958 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

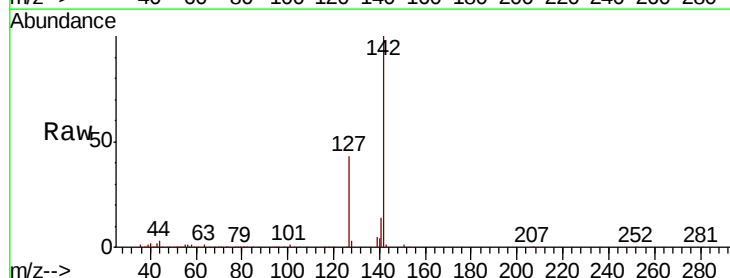
Tgt Ion:142 Resp: 411965

Ion Ratio Lower Upper

142 100

127 42.8 38.1 57.1

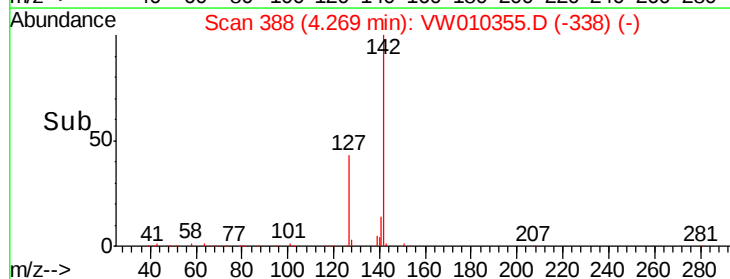
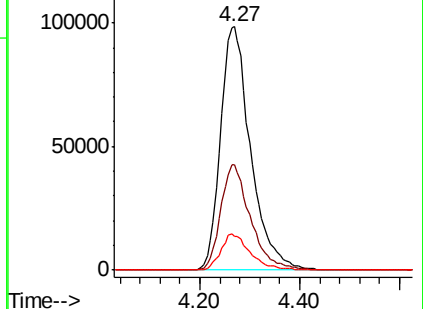
141 14.6 12.2 18.2

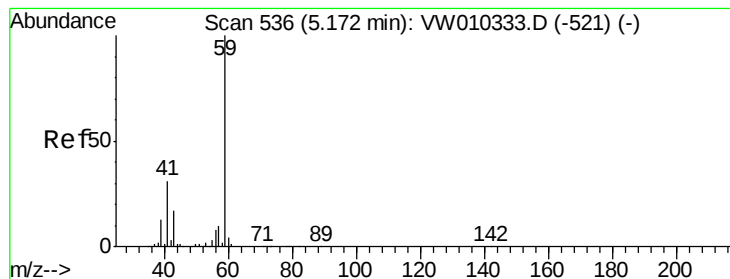


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.774 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

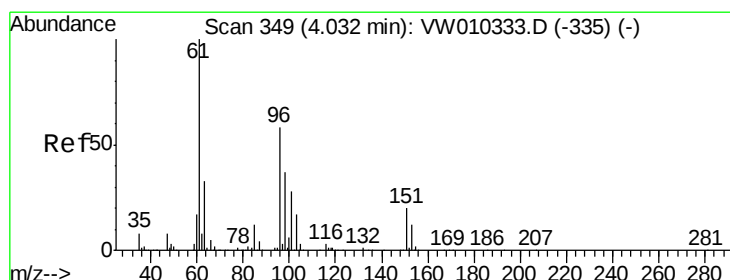
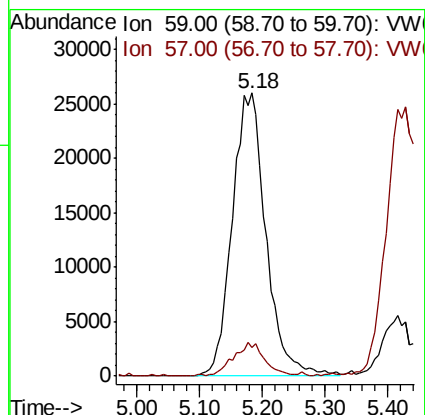
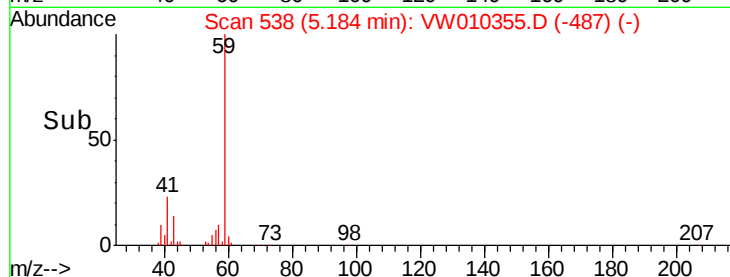
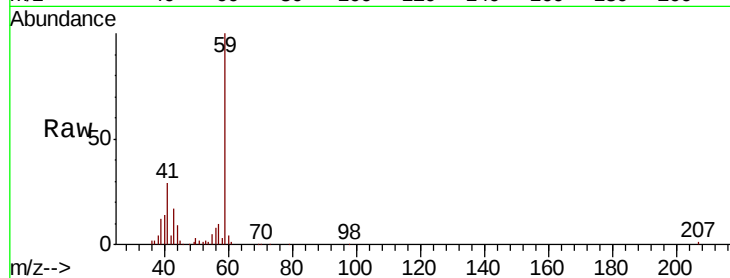
VW0510SBSD01

Tgt Ion: 59 Resp: 96647

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.4



#12

1,1-Dichloroethene

Concen: 20.544 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

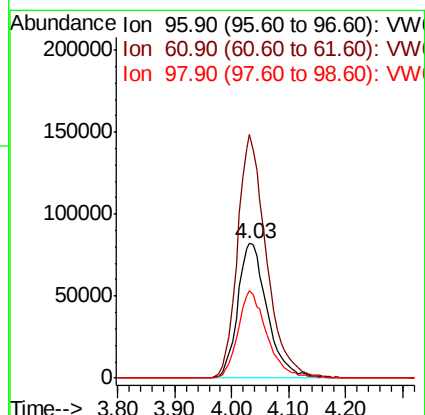
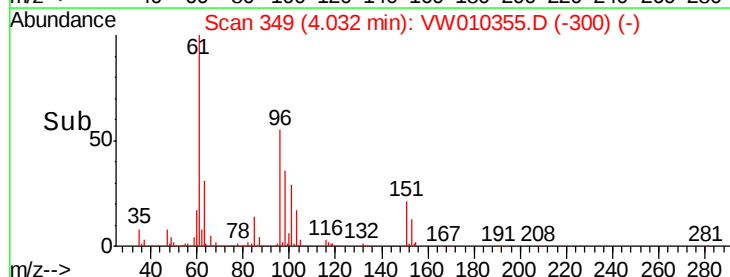
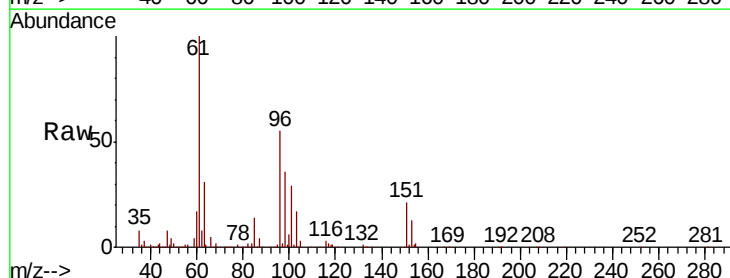
Tgt Ion: 96 Resp: 297986

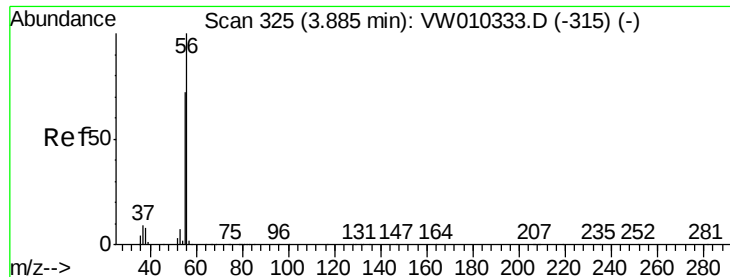
Ion Ratio Lower Upper

96 100

61 180.7 147.4 221.2

98 64.8 49.7 74.5





#13

Acrolein

Concen: 81.589 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

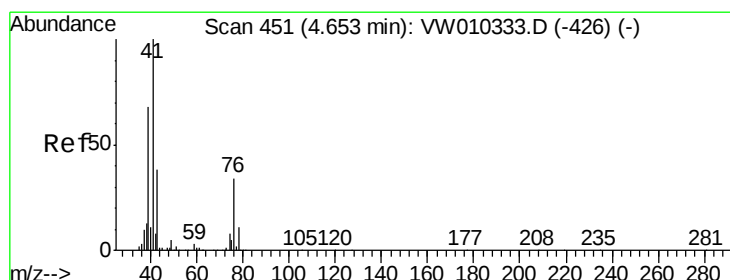
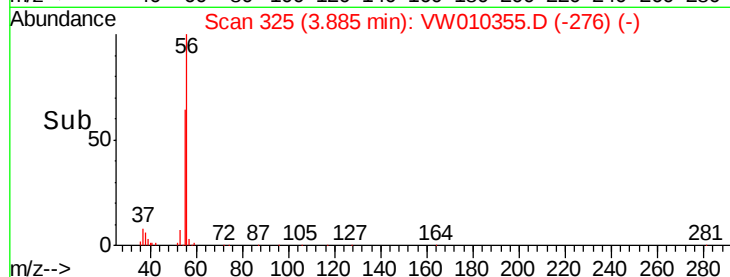
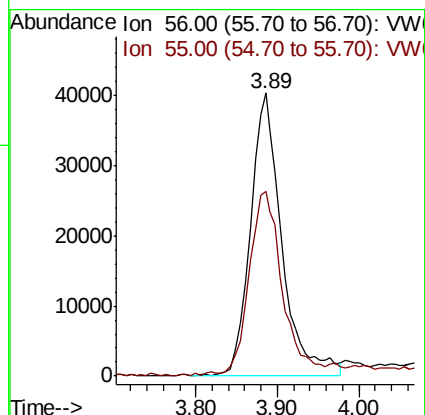
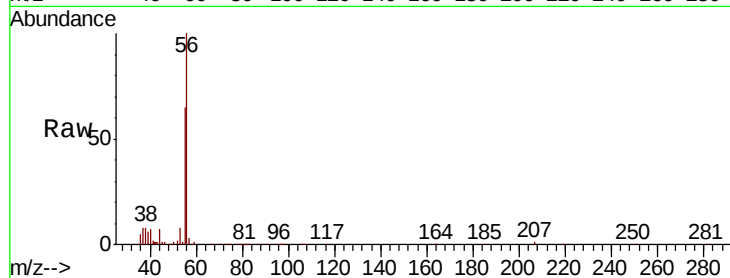
VW0510SBSD01

Tgt Ion: 56 Resp: 107578

Ion Ratio Lower Upper

56 100

55 66.5 54.2 81.2



#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

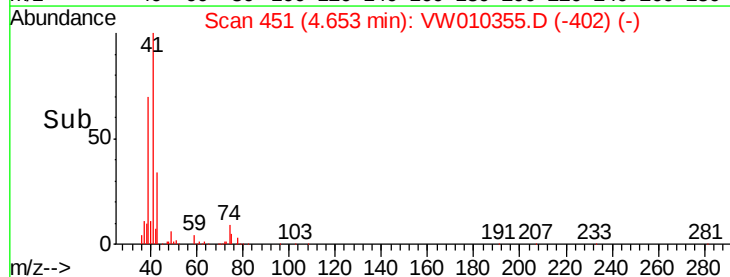
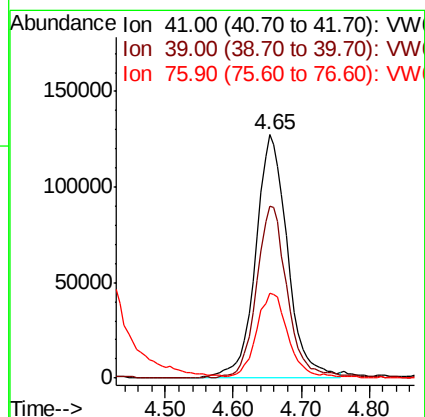
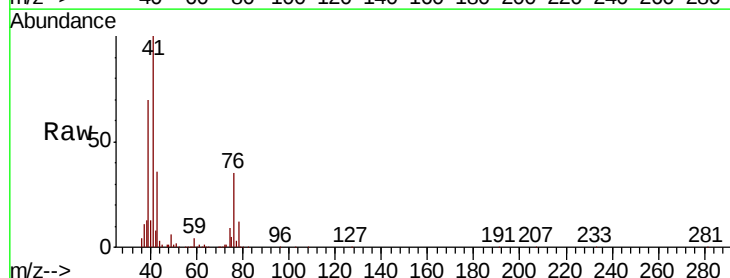
Tgt Ion: 41 Resp: 415244

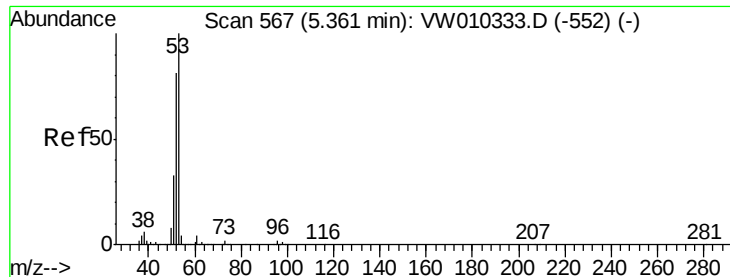
Ion Ratio Lower Upper

41 100

39 68.6 60.2 90.4

76 34.5 25.0 37.6





#15

Acrylonitrile

Concen: 90.706 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

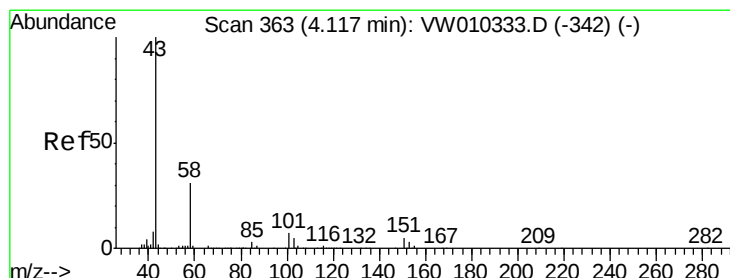
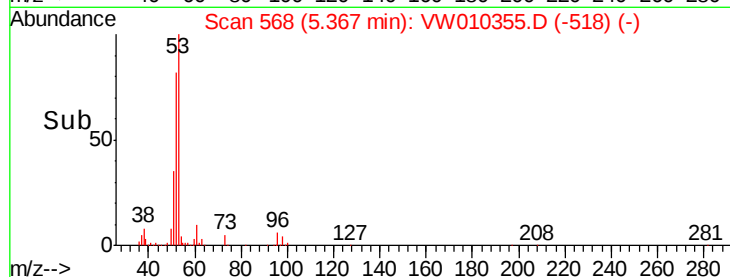
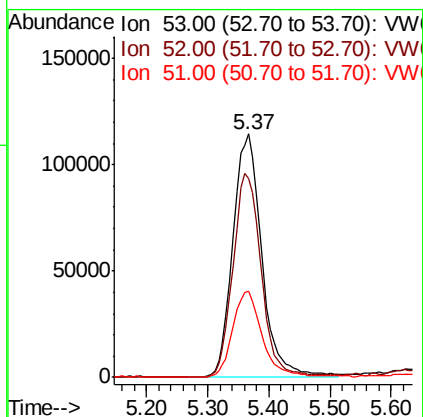
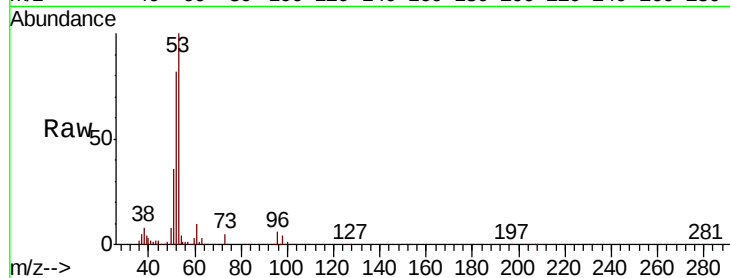
Tgt Ion: 53 Resp: 374409

Ion Ratio Lower Upper

53 100

52 81.1 66.6 100.0

51 35.8 30.3 45.5



#16

Acetone

Concen: 91.502 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010355.D

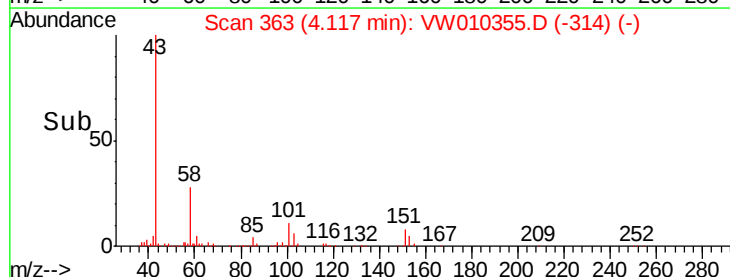
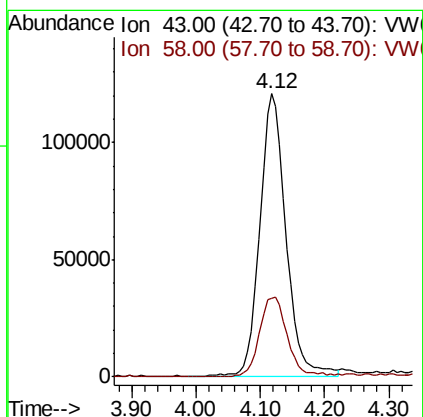
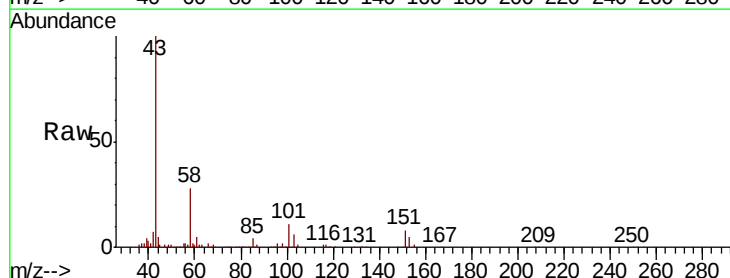
Acq: 10 May 2019 14:43

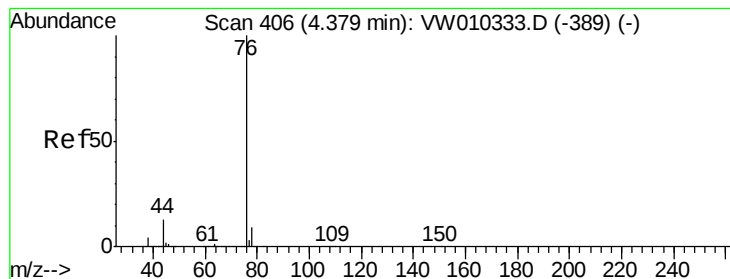
Tgt Ion: 43 Resp: 337330

Ion Ratio Lower Upper

43 100

58 27.5 22.7 34.1





#17

Carbon Disulfide

Concen: 19.717 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

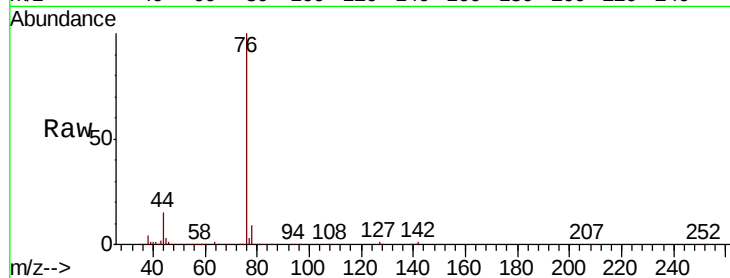
VW0510SBSD01

Tgt Ion: 76 Resp: 864935

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

250000

200000

150000

100000

50000

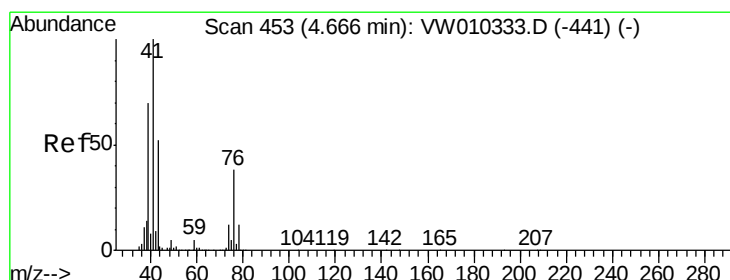
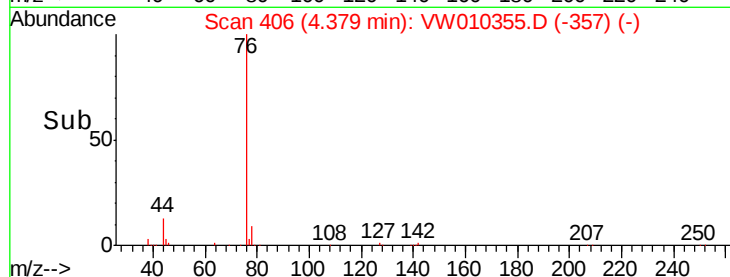
0

4.20

4.40

4.60

Time-->



#18

Methyl Acetate

Concen: 18.543 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010355.D

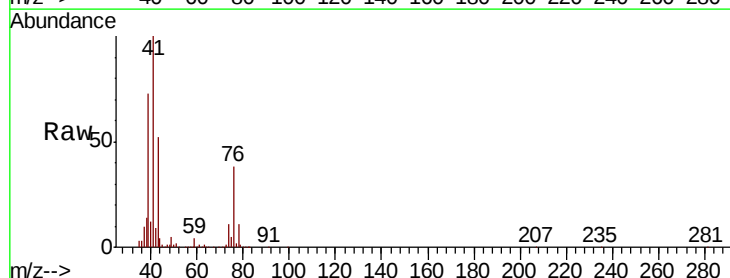
Acq: 10 May 2019 14:43

Tgt Ion: 43 Resp: 169321

Ion Ratio Lower Upper

43 100

74 23.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

60000

40000

20000

0

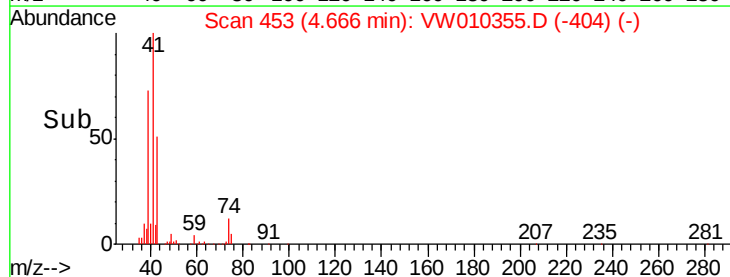
4.50

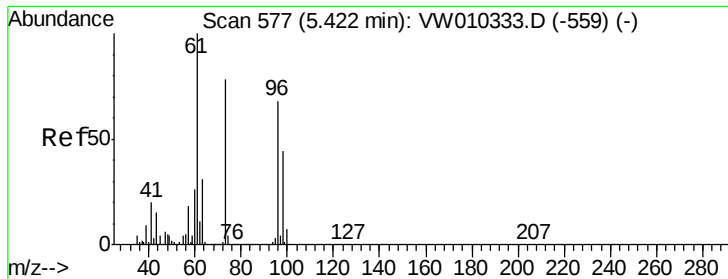
4.60

4.70

4.80

Time-->

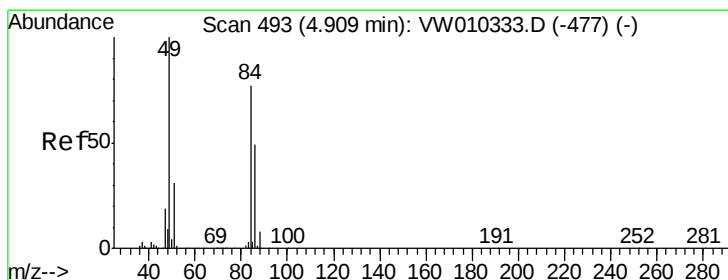
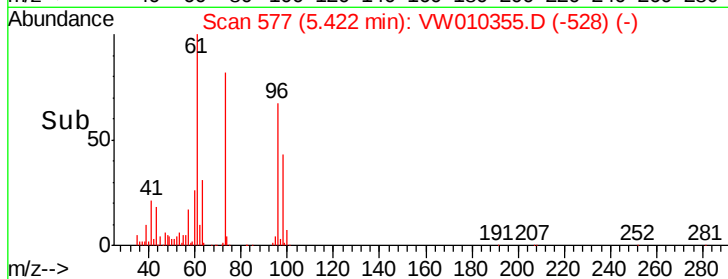
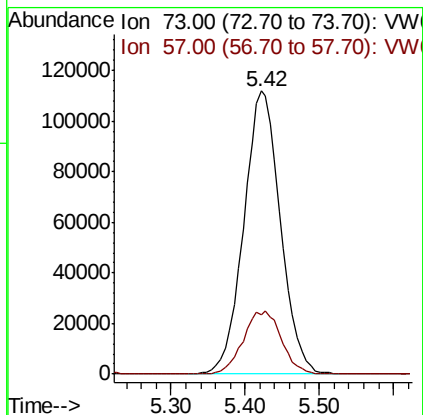
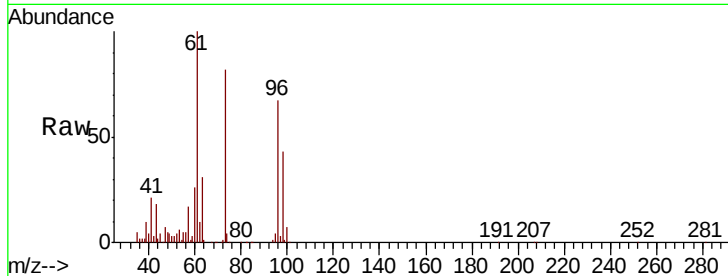




#19
Methyl tert-butyl Ether
Concen: 22.279 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

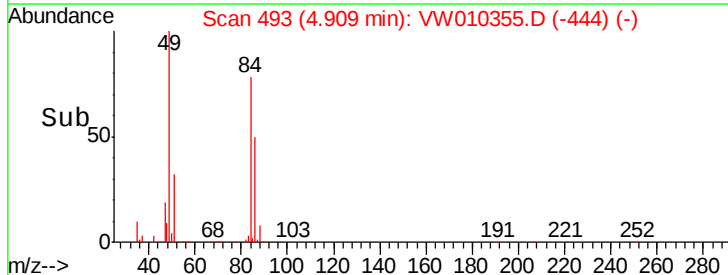
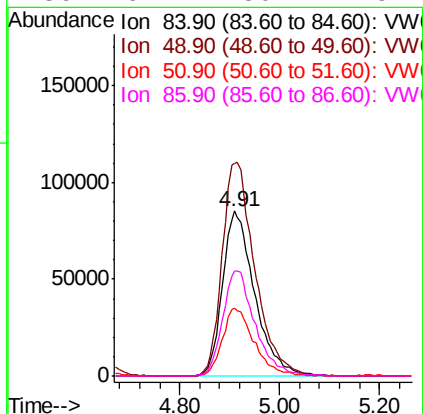
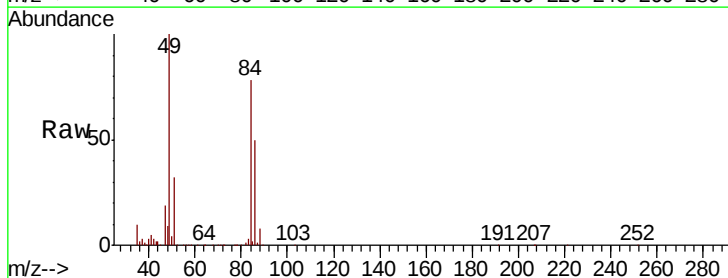
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

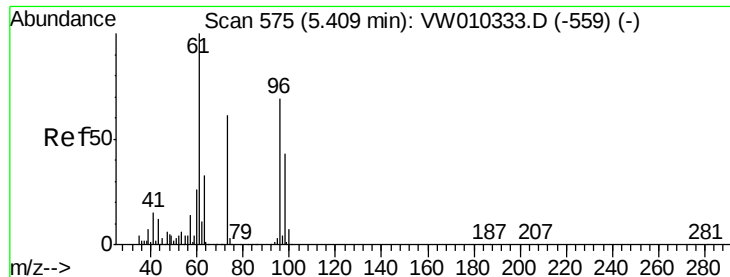
Tgt Ion: 73 Resp: 384681
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7



#20
Methylene Chloride
Concen: 24.712 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 84 Resp: 379988
Ion Ratio Lower Upper
84 100
49 128.8 112.3 168.5
51 41.4 33.9 50.9
86 64.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.921 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

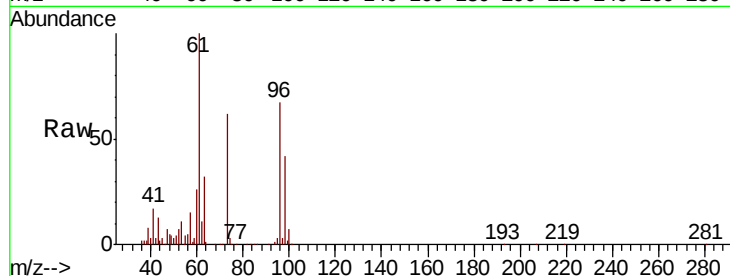
Tgt Ion: 96 Resp: 326641

Ion Ratio Lower Upper

96 100

61 149.2 122.3 183.5

98 63.0 50.5 75.7

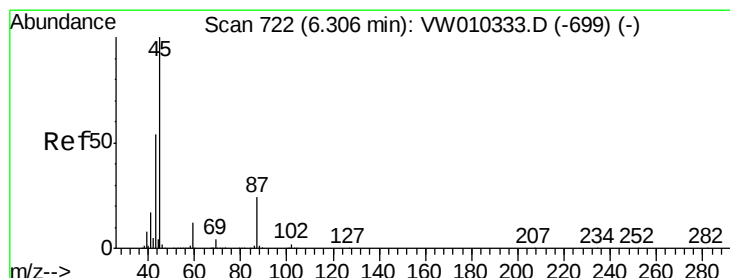
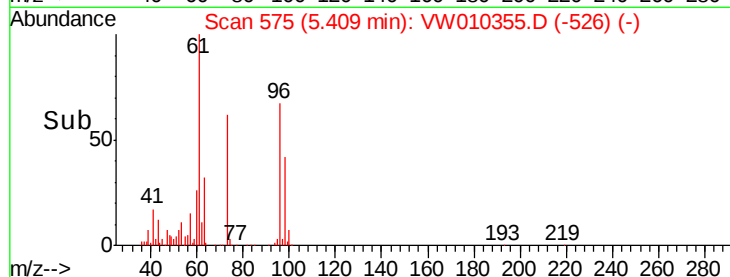
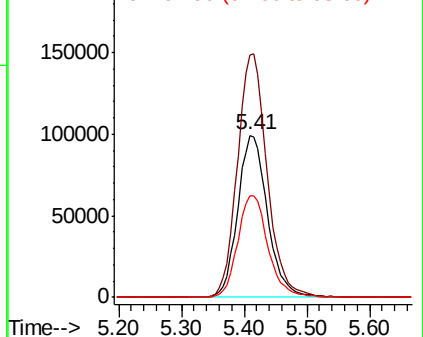


Abundance

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: 23.994 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion: 45 Resp: 1008220

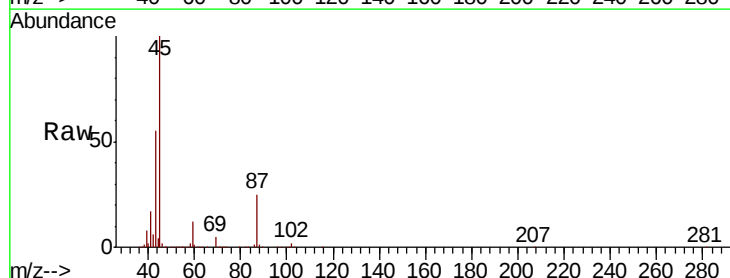
Ion Ratio Lower Upper

45 100

43 54.9 46.1 69.1

87 24.4 18.3 27.5

59 11.6 8.2 12.4



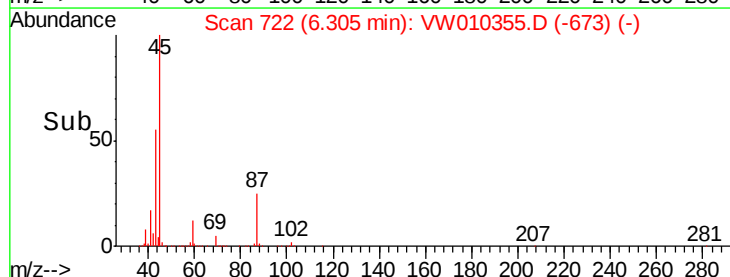
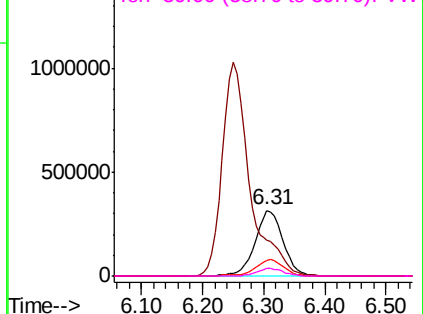
Abundance

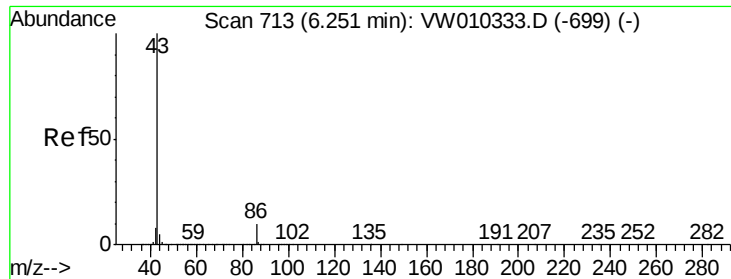
Ion 45.00 (44.70 to 45.70): VW

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

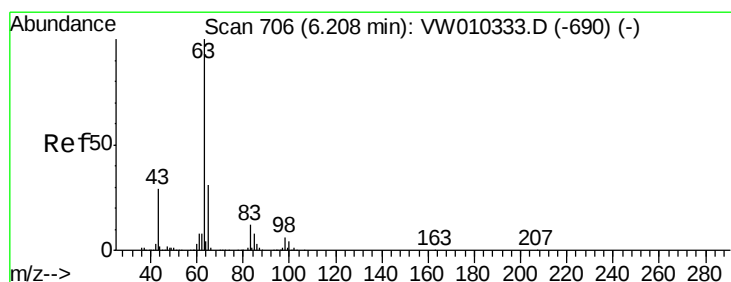
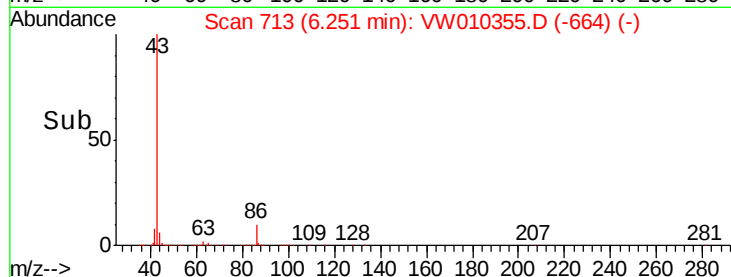
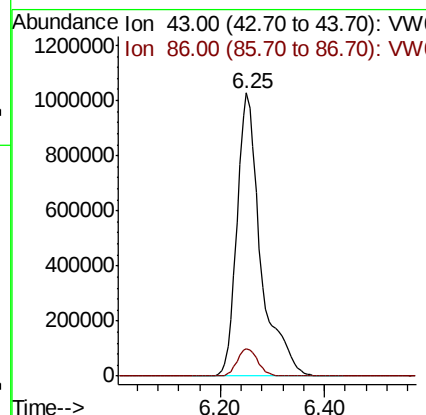
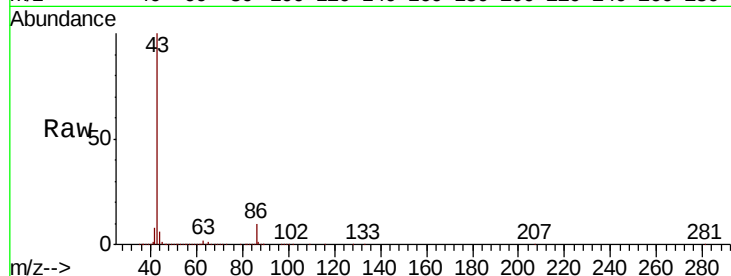




#23
 Vinyl Acetate
 Concen: 112.158 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

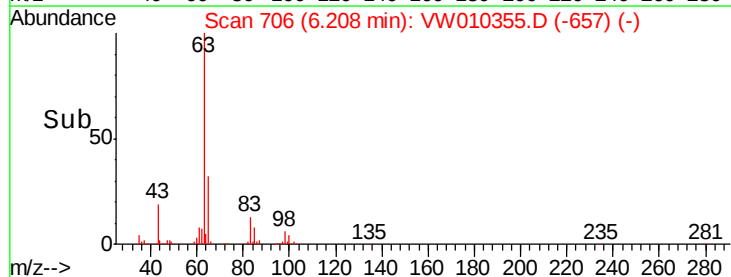
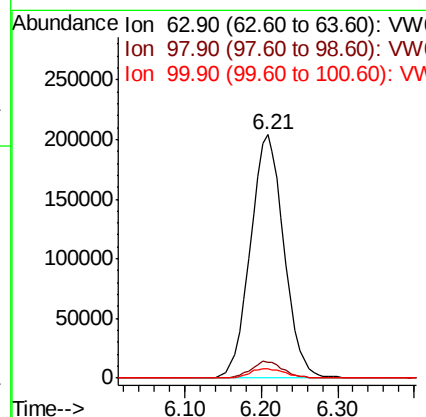
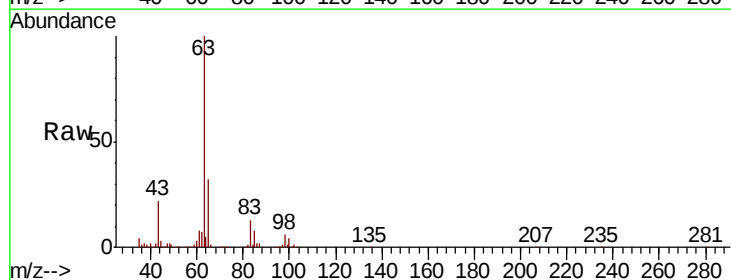
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

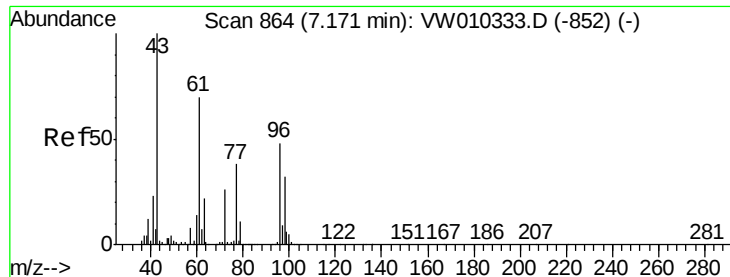
Tgt Ion: 43 Resp: 3236096
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 21.984 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion: 63 Resp: 621945
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 95.706 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

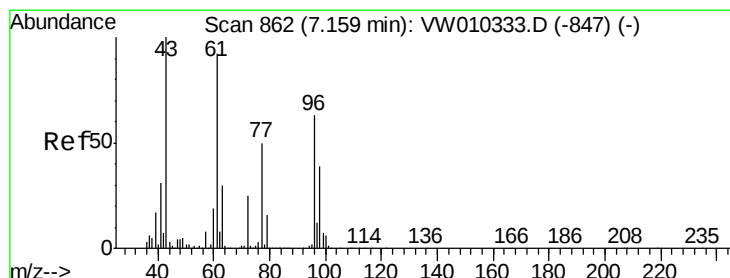
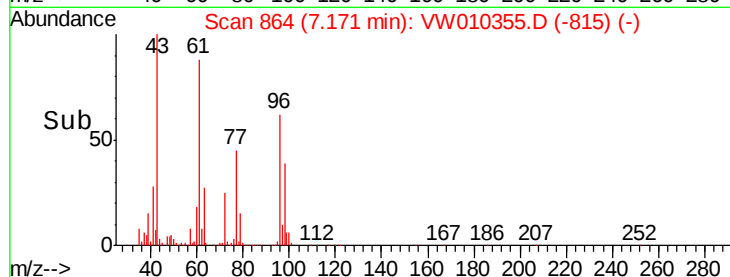
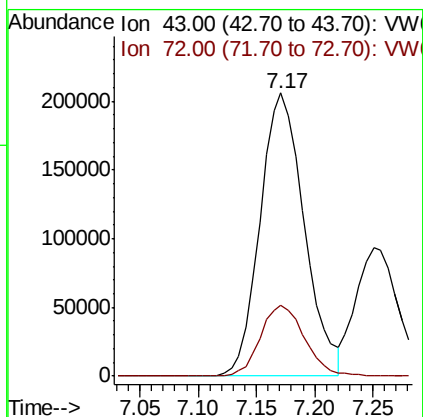
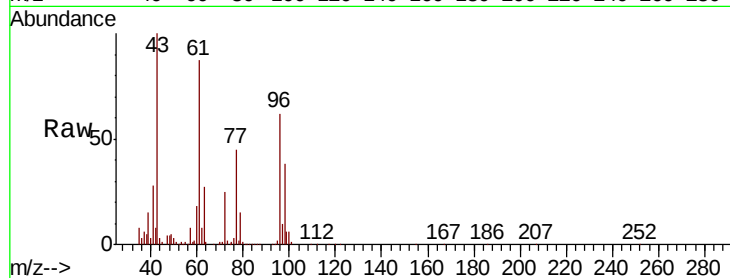
VW0510SBSD01

Tgt Ion: 43 Resp: 539757

Ion Ratio Lower Upper

43 100

72 25.0 19.1 28.7



#26

2,2-Dichloropropane

Concen: 21.147 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW010355.D

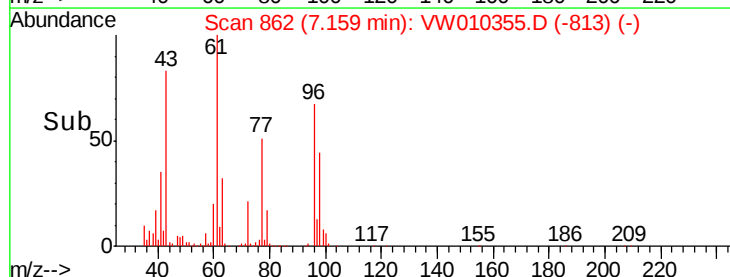
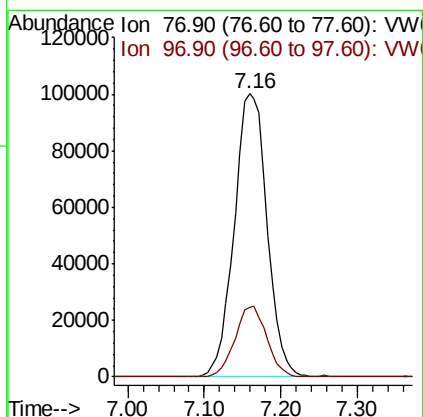
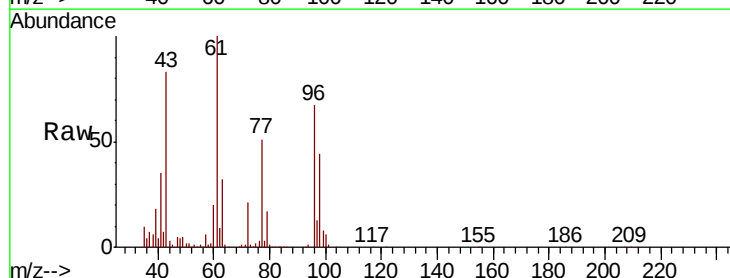
Acq: 10 May 2019 14:43

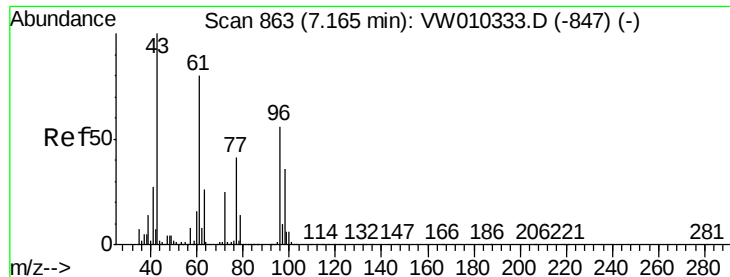
Tgt Ion: 77 Resp: 297661

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.9



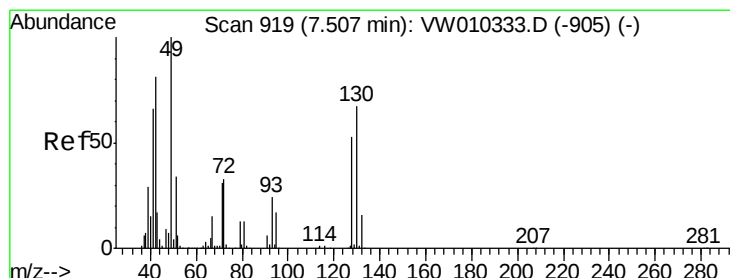
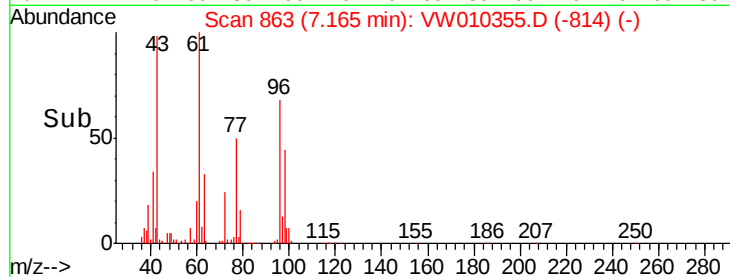
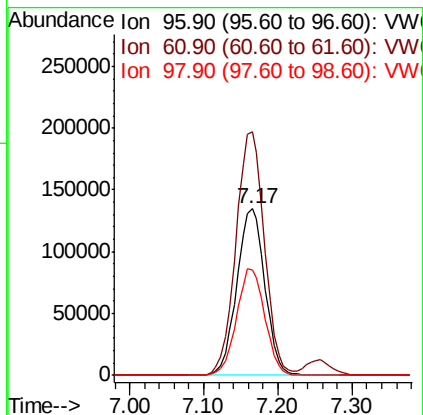
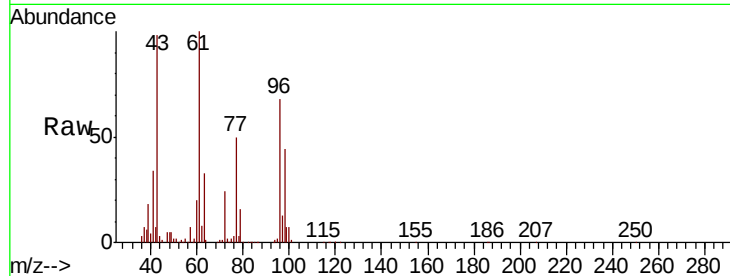


#27

cis-1,2-Dichloroethene
Concen: 22.239 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

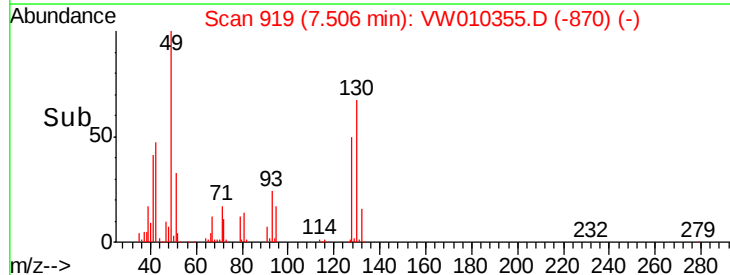
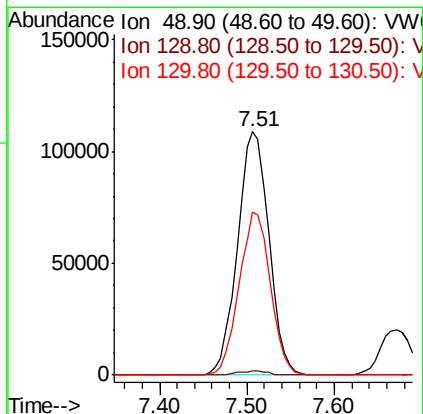
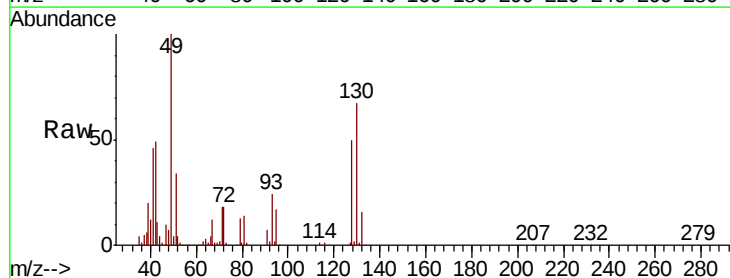
Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	309.4
98	64.4	0.0	128.6

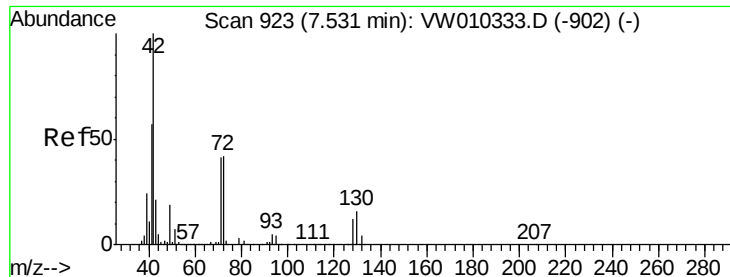


#28

Bromochloromethane
Concen: 26.025 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	66.6	54.6	82.0





#29

Tetrahydrofuran

Concen: 96.292 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

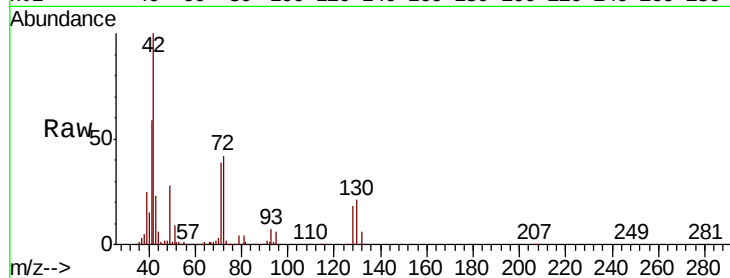
Tgt Ion: 42 Resp: 351256

Ion Ratio Lower Upper

42 100

72 41.7 31.0 46.6

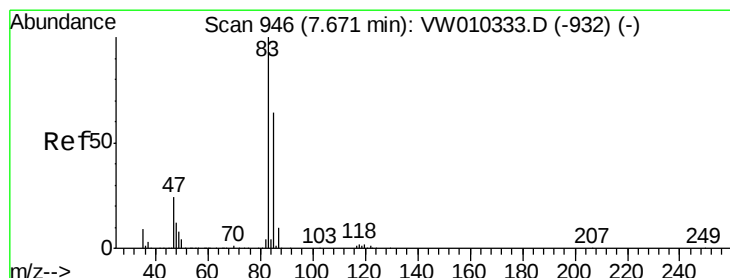
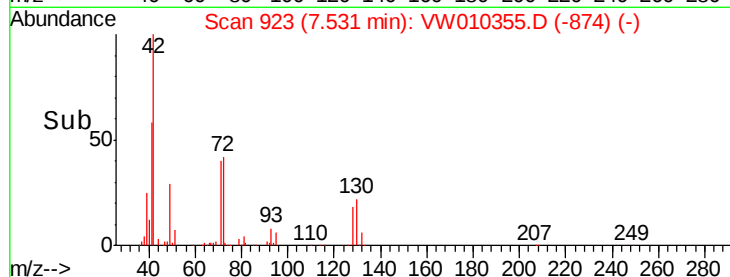
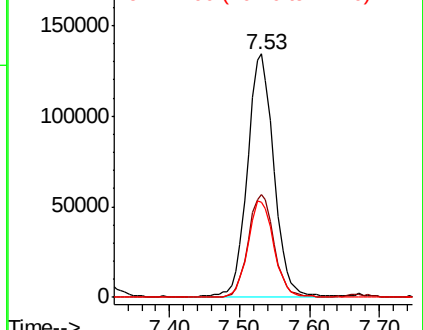
71 39.1 29.7 44.5



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: 22.523 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010355.D

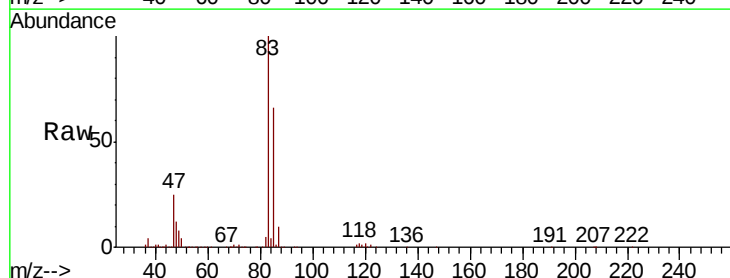
Acq: 10 May 2019 14:43

Tgt Ion: 83 Resp: 596307

Ion Ratio Lower Upper

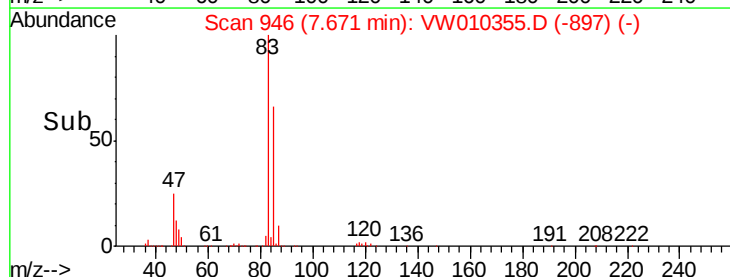
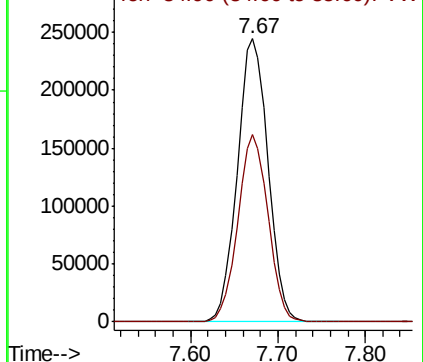
83 100

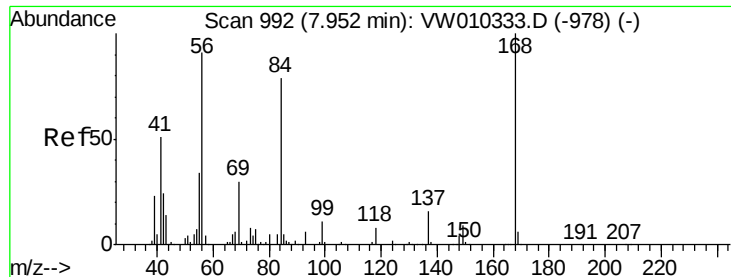
85 66.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

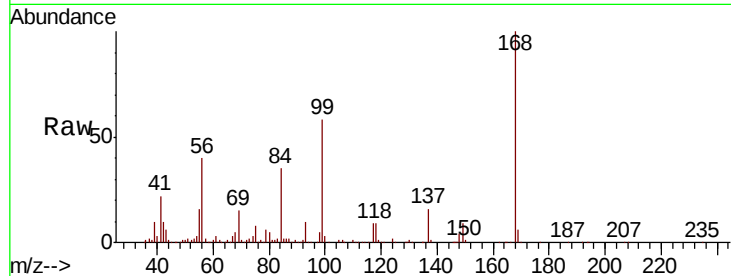




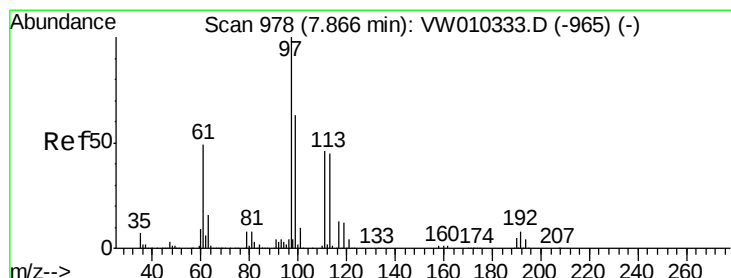
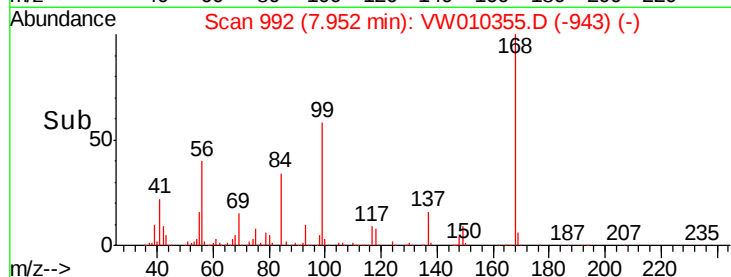
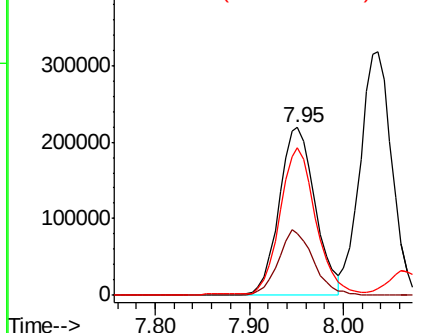
#31
Cyclohexane
Concen: 20.255 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tgt Ion: 56 Resp: 586732
Ion Ratio Lower Upper
56 100
69 36.5 26.6 40.0
84 88.2 66.2 99.2

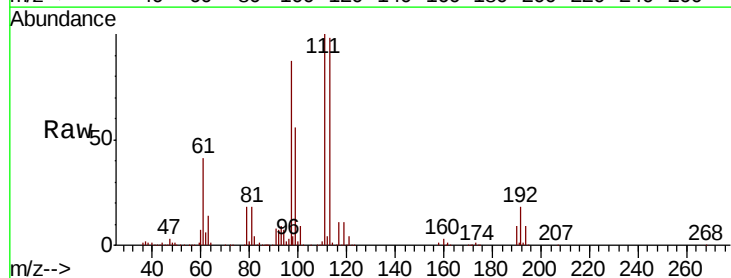


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

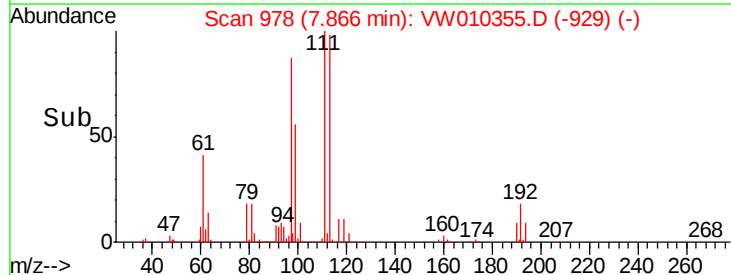
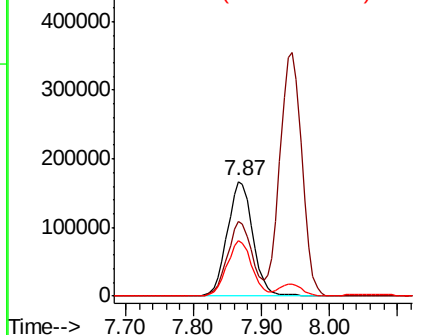


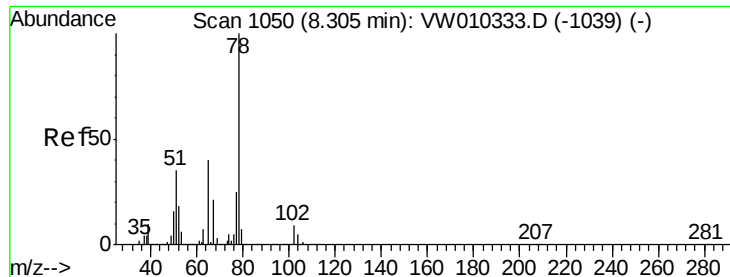
#32
1,1,1-Trichloroethane
Concen: 21.197 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 97 Resp: 434706
Ion Ratio Lower Upper
97 100
99 62.9 50.2 75.2
61 47.4 38.2 57.2



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: 57.210 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

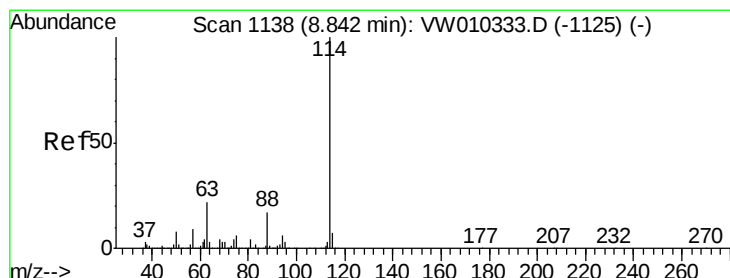
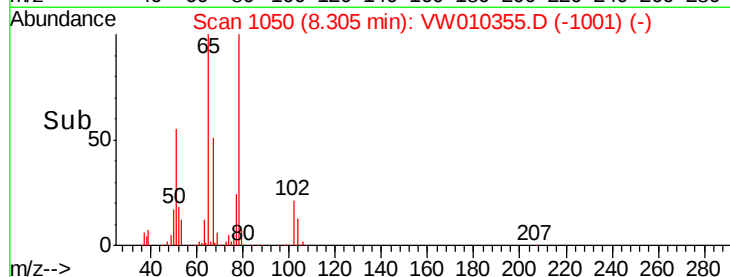
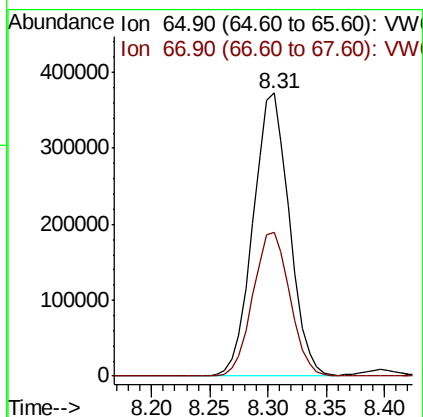
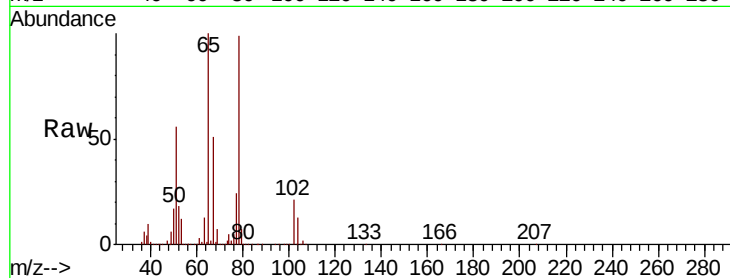
VW0510SBSD01

Tgt Ion: 65 Resp: 809029

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

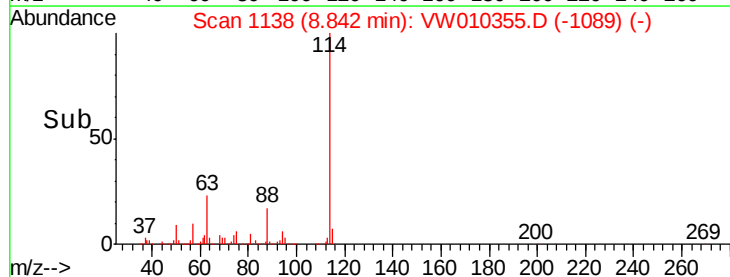
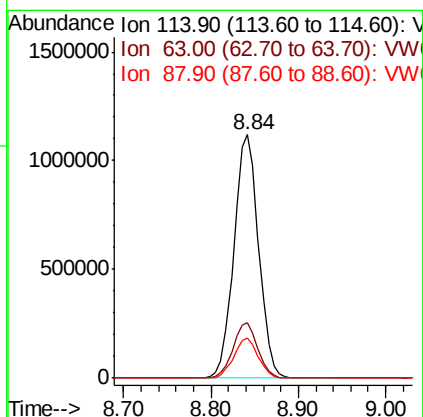
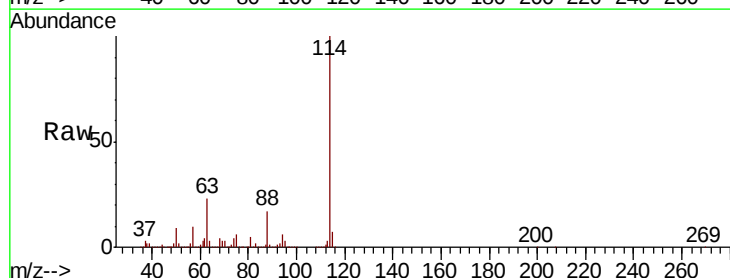
Tgt Ion: 114 Resp: 2192261

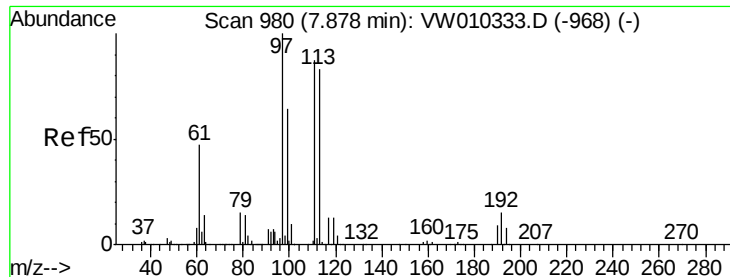
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.7 0.0 32.6

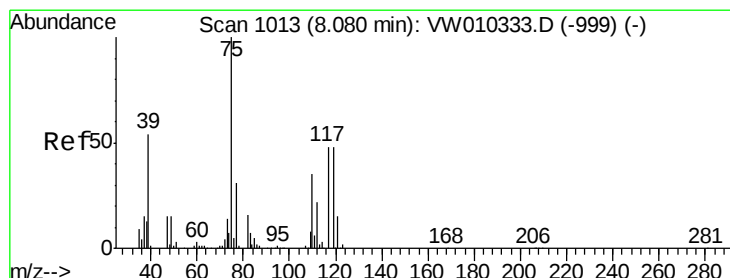
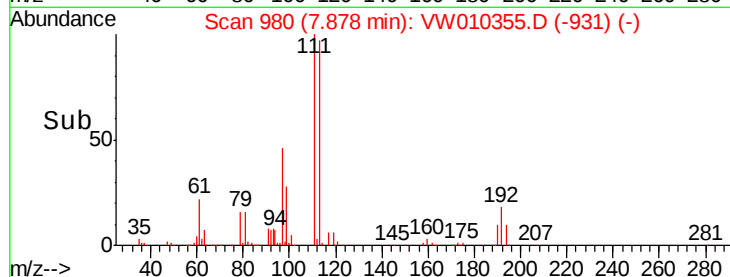
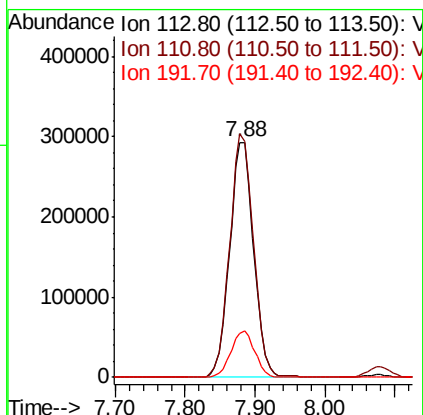
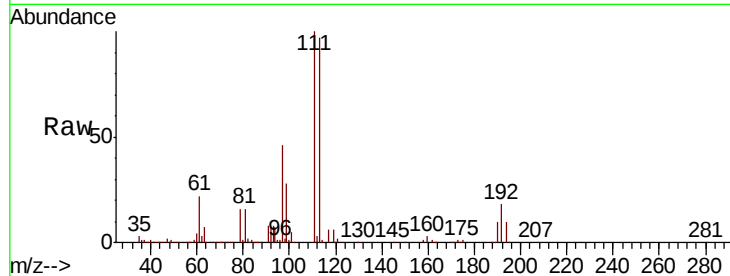




#35
 Dibromofluoromethane
 Concen: 54.393 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

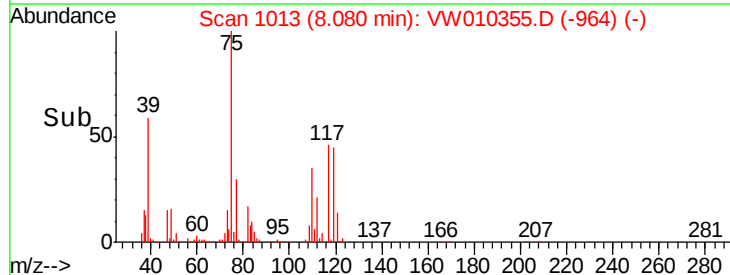
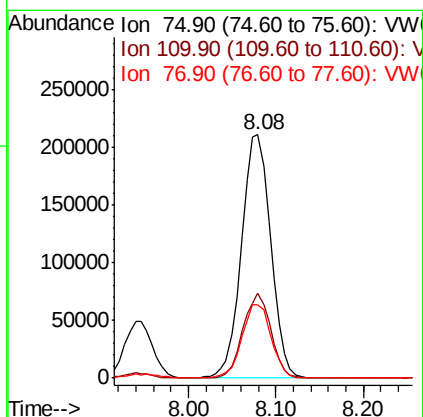
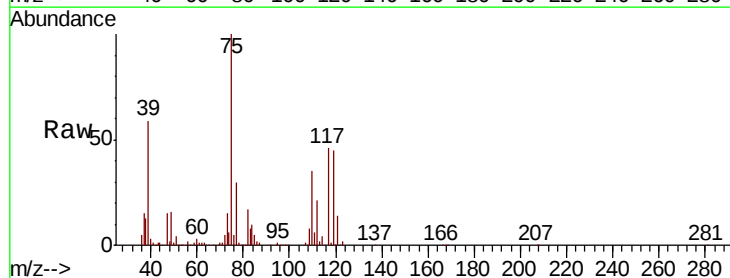
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

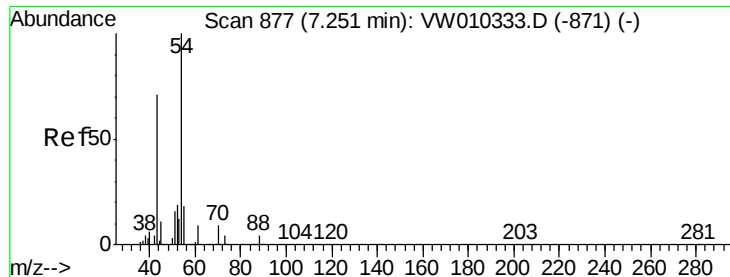
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 20.608 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.8
77	30.4	24.8	37.2

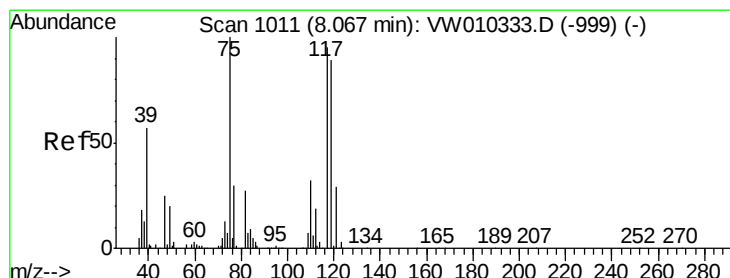
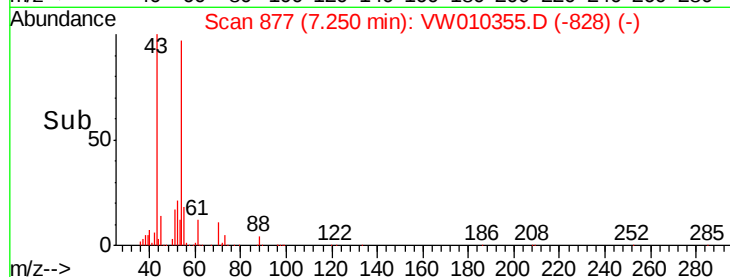
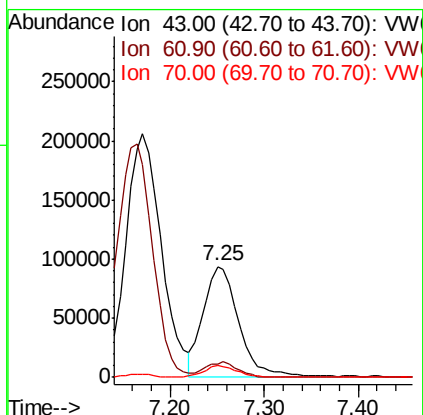
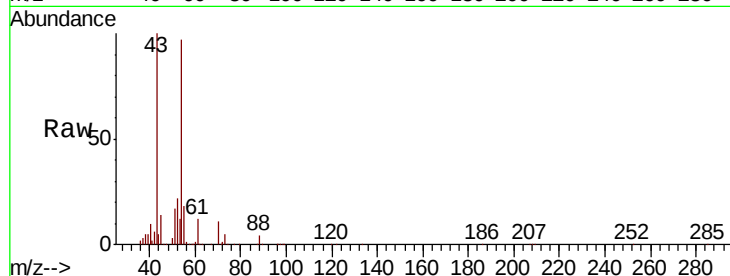




#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

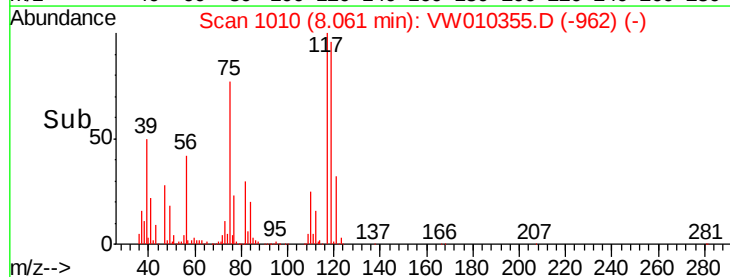
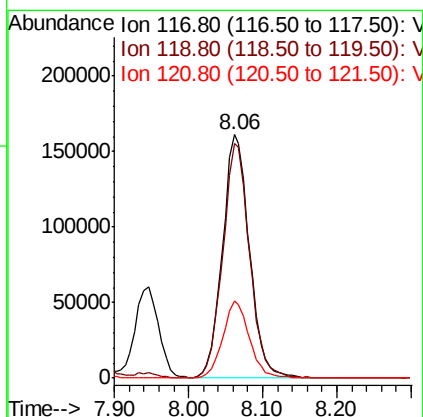
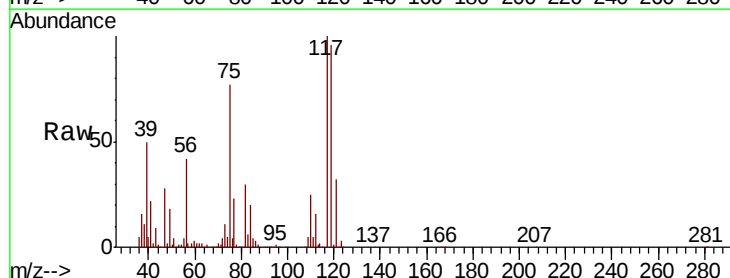
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

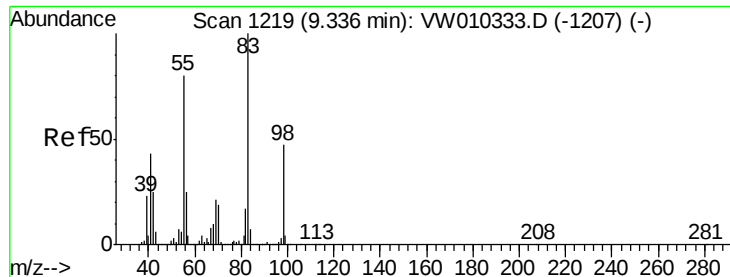
Tgt Ion: 43 Resp: 242424
Ion Ratio Lower Upper
43 100
61 12.8 9.8 14.8
70 10.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 117 Resp: 406329
Ion Ratio Lower Upper
117 100
119 96.5 75.3 112.9
121 32.0 24.4 36.6

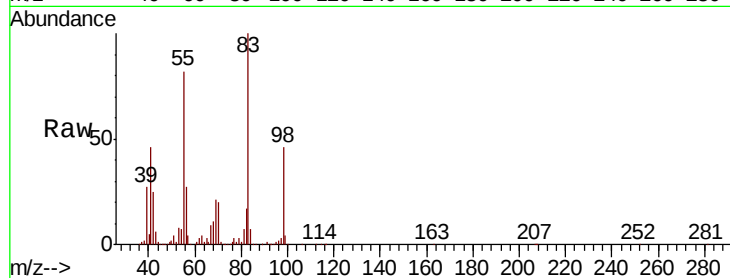




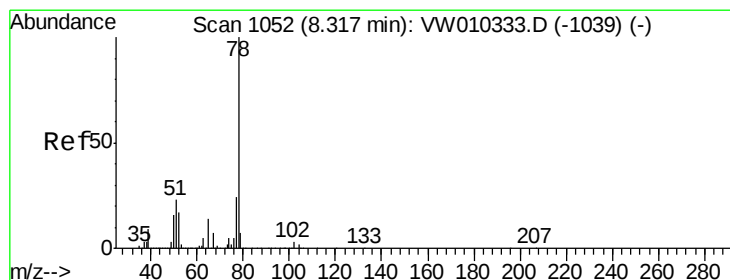
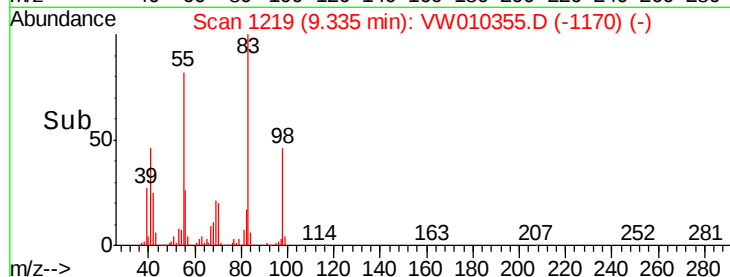
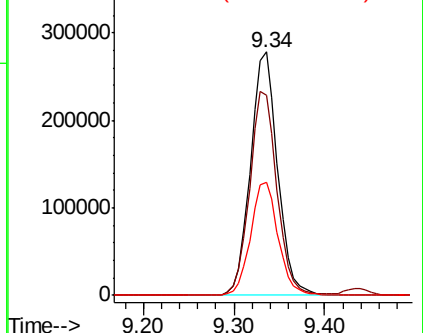
#39
Methylcyclohexane
Concen: 19.793 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampled :
VW0510SBSD01

Tgt Ion: 83 Resp: 575535
Ion Ratio Lower Upper
83 100
55 82.3 67.1 100.7
98 46.5 39.2 58.8

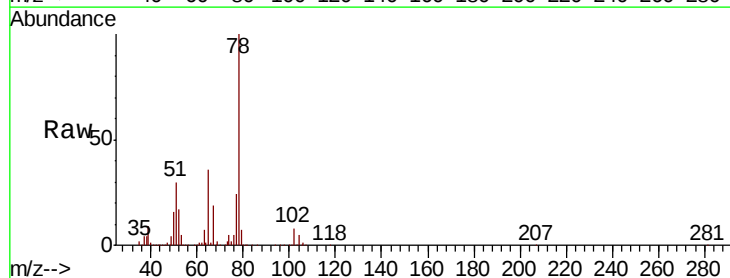


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

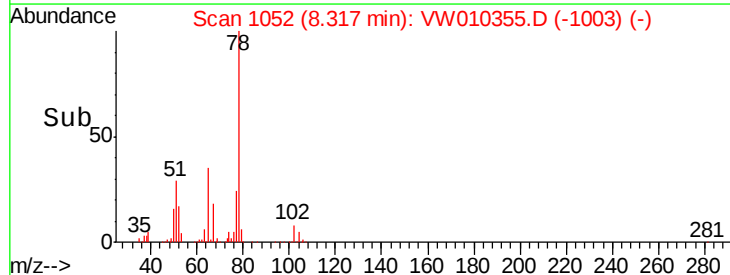
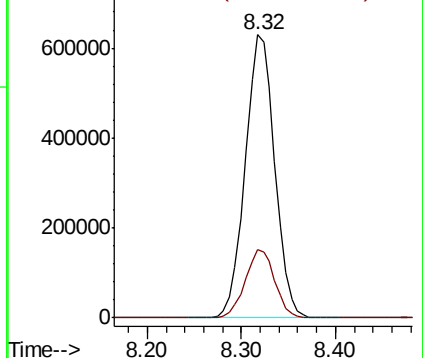


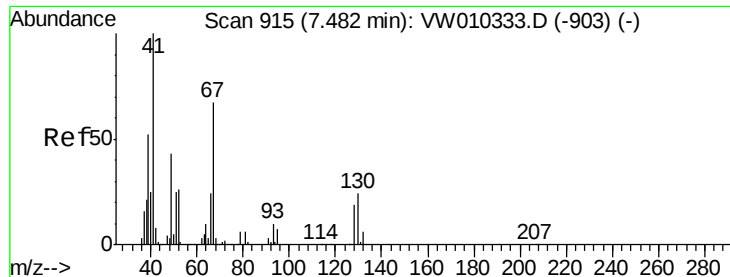
#40
Benzene
Concen: 21.229 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 78 Resp: 1381966
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7



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

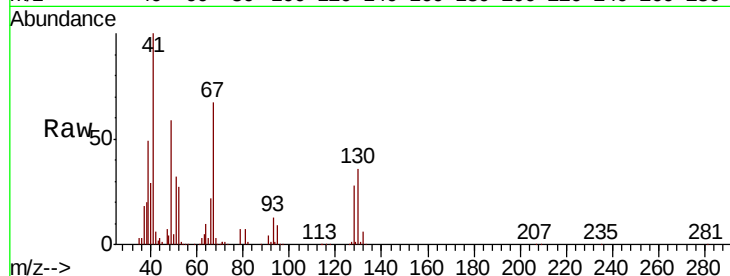




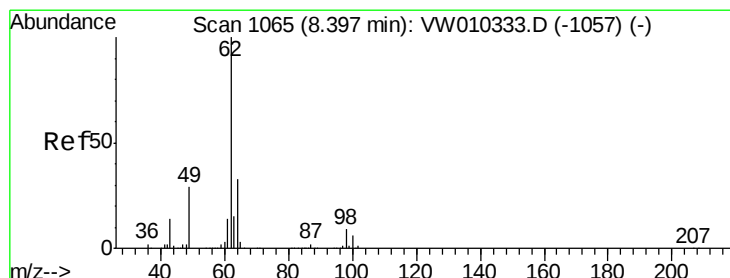
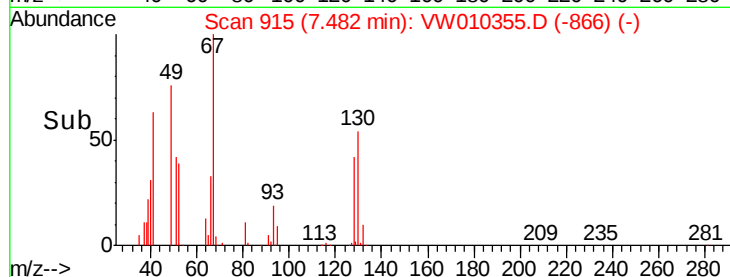
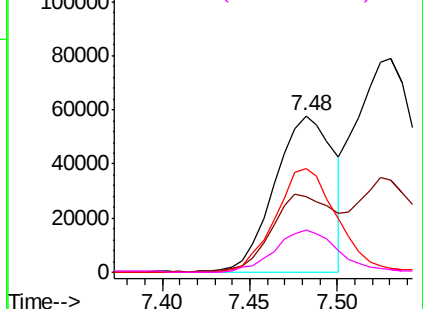
#41
Methacrylonitrile
Concen: 18.935 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tgt Ion:	41	Resp:	134394
Ion	Ratio	Lower	Upper
41	100		
39	51.8	45.0	67.4
67	70.7	50.7	76.1
52	29.4	22.6	33.8

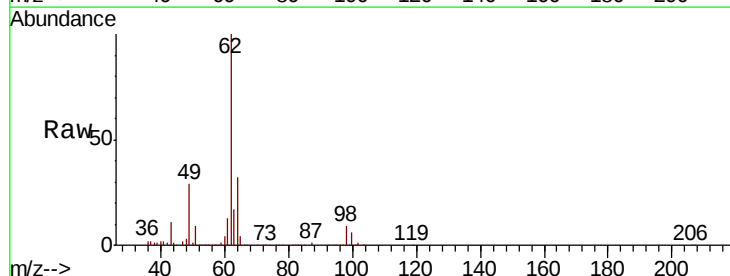


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

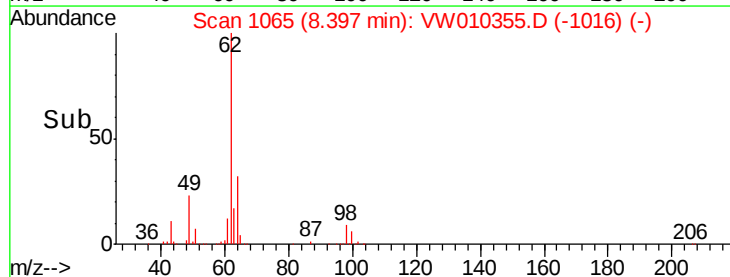
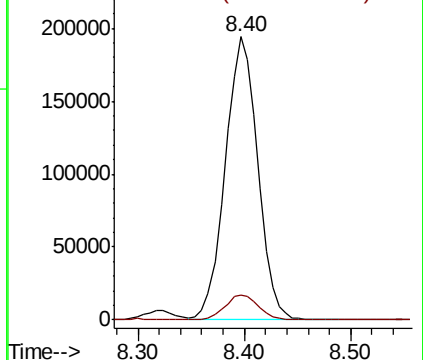


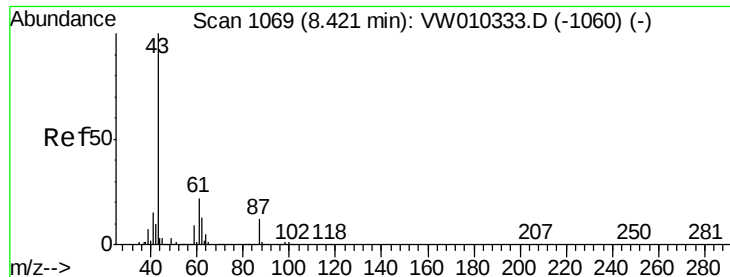
#42
1,2-Dichloroethane
Concen: 22.179 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion:	62	Resp:	413272
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.322 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

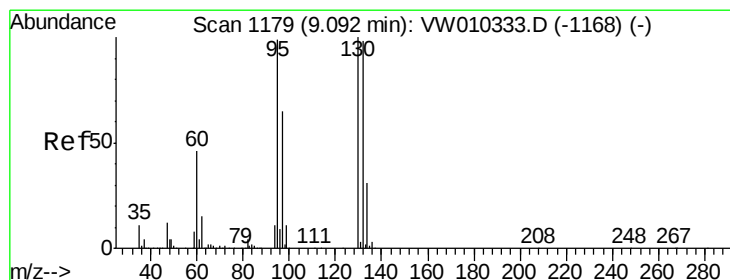
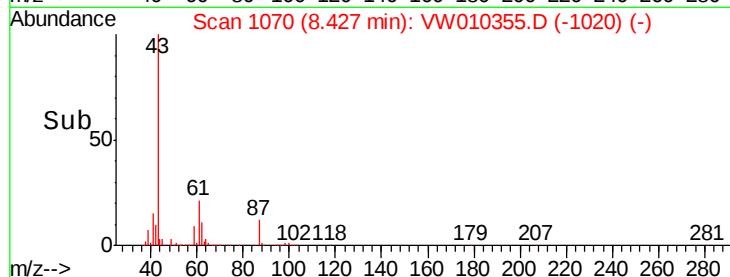
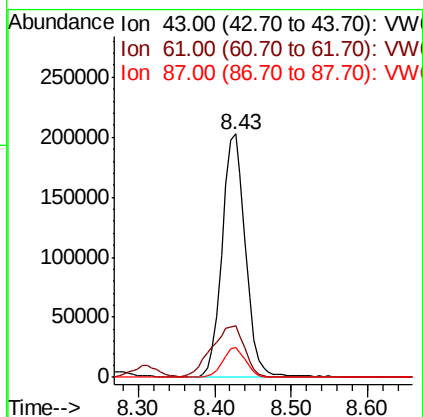
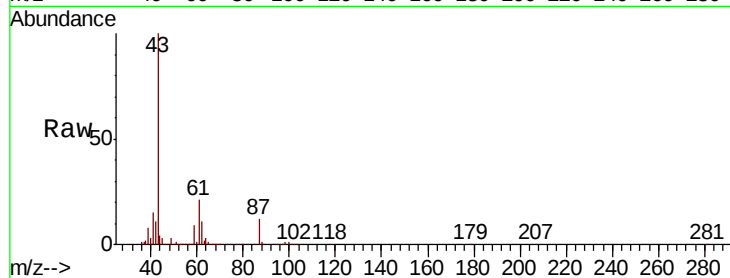
Tgt Ion: 43 Resp: 426552

Ion Ratio Lower Upper

43 100

61 30.0 23.0 34.6

87 12.3 9.3 13.9



#44

Trichloroethene

Concen: 20.849 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010355.D

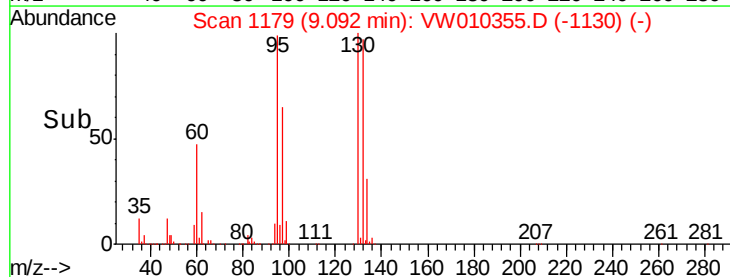
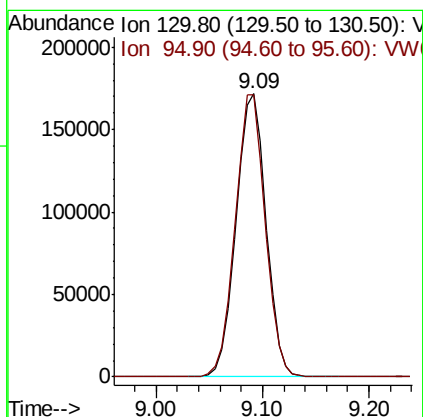
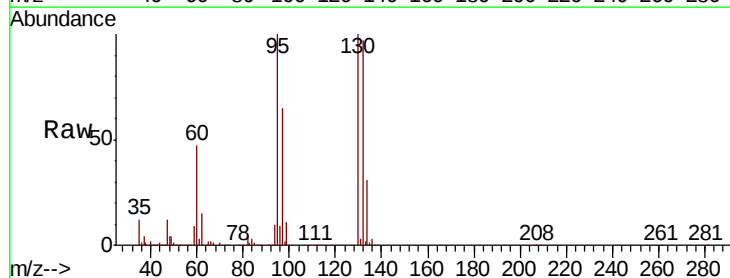
Acq: 10 May 2019 14:43

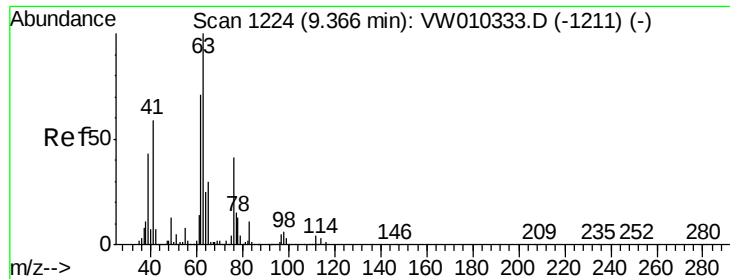
Tgt Ion: 130 Resp: 339774

Ion Ratio Lower Upper

130 100

95 99.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.170 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

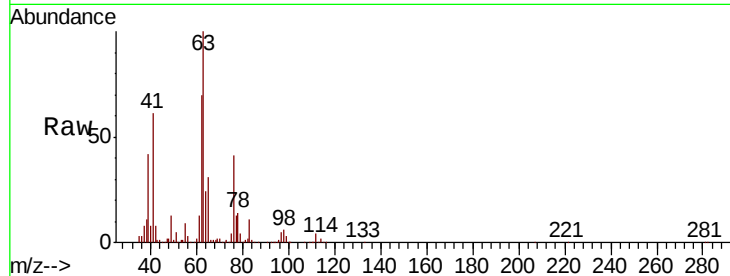
VW0510SBSD01

Tgt Ion: 63 Resp: 358734

Ion Ratio Lower Upper

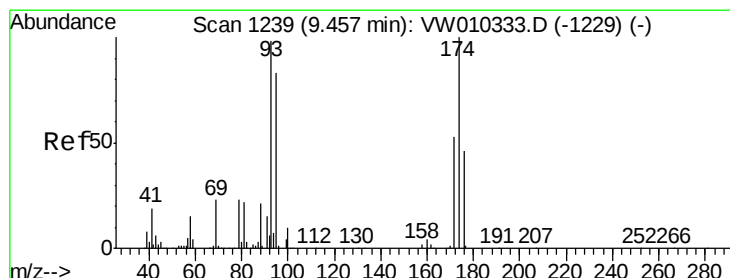
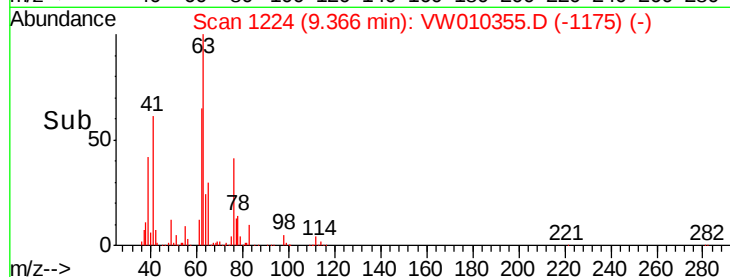
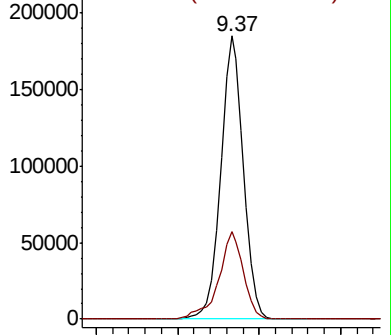
63 100

65 30.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 21.029 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

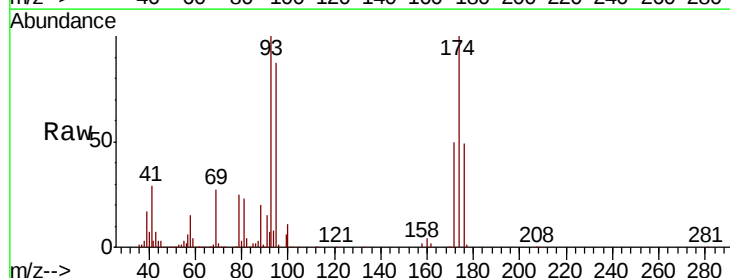
Tgt Ion: 93 Resp: 175791

Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

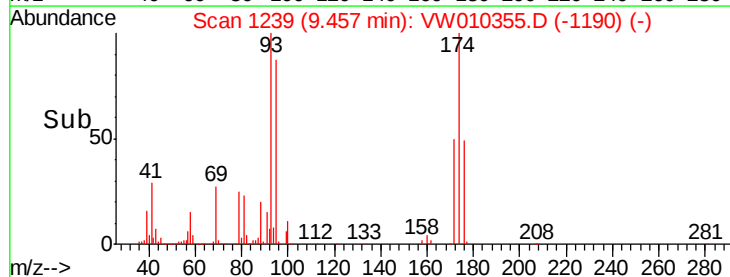
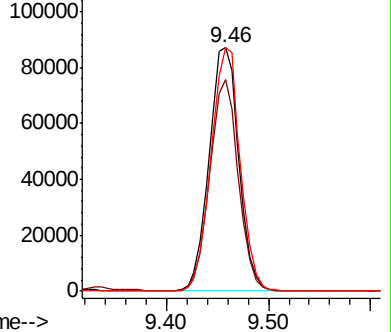
174 98.5 75.5 113.3

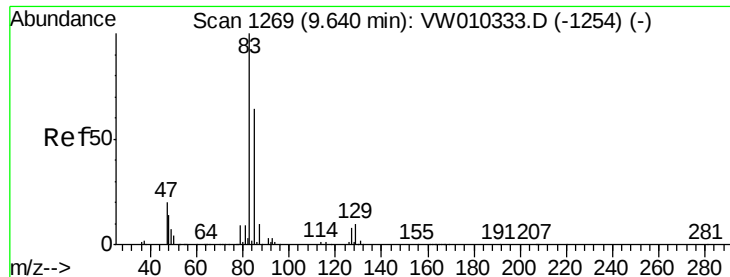


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.064 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

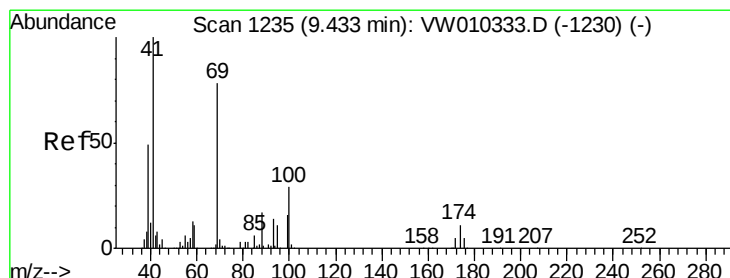
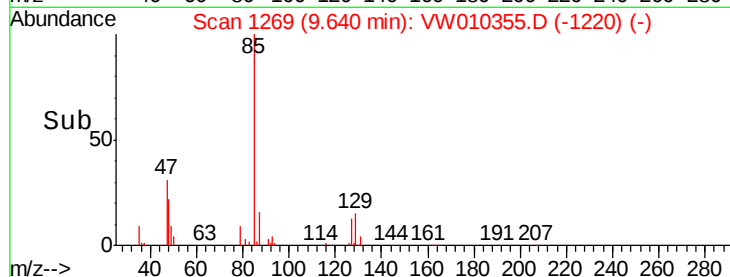
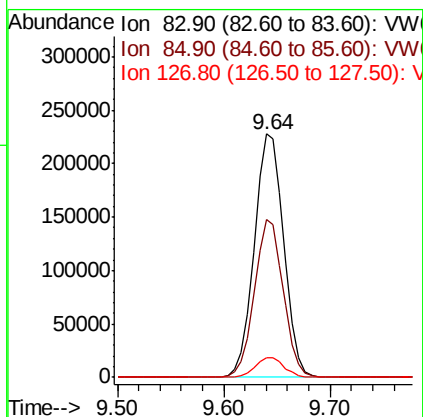
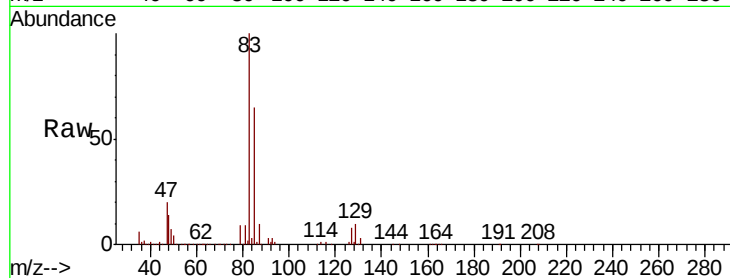
Tgt Ion: 83 Resp: 442430

Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 20.067 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

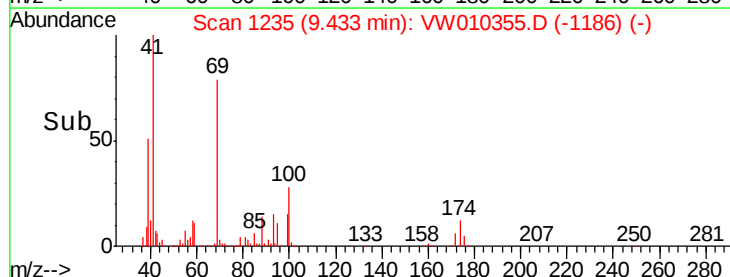
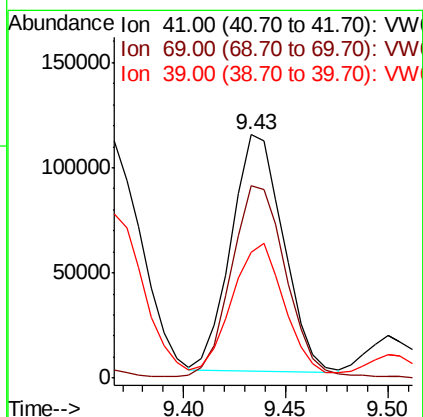
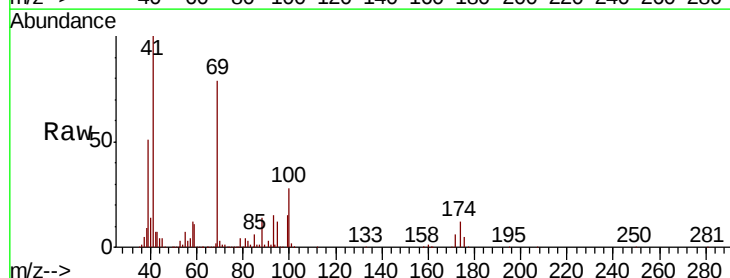
Tgt Ion: 41 Resp: 199157

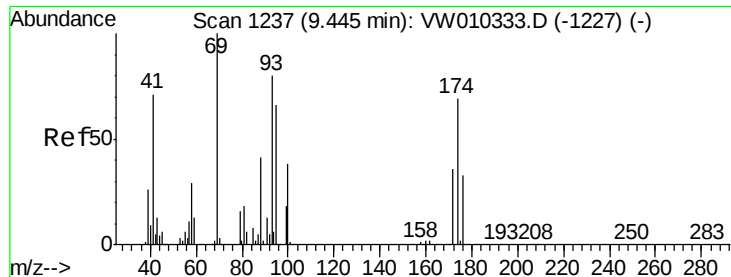
Ion Ratio Lower Upper

41 100

69 85.7 60.1 90.1

39 54.3 51.0 76.6





#49

1,4-Dioxane

Concen: 386.516 ug/l

RT: 9.45 min Scan# 1237

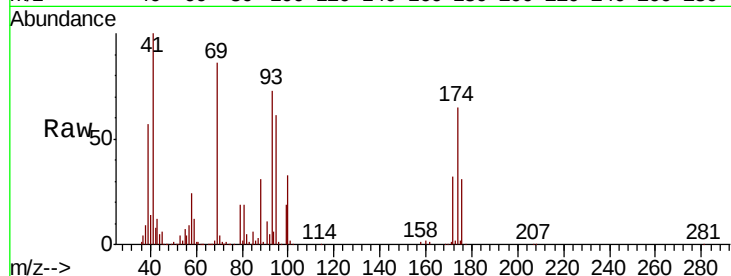
Delta R.T. -0.00 min

Lab File: VW010355.D

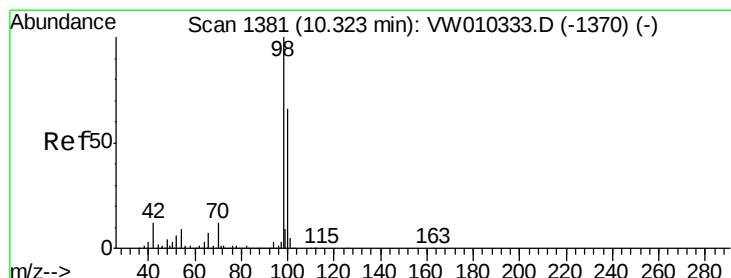
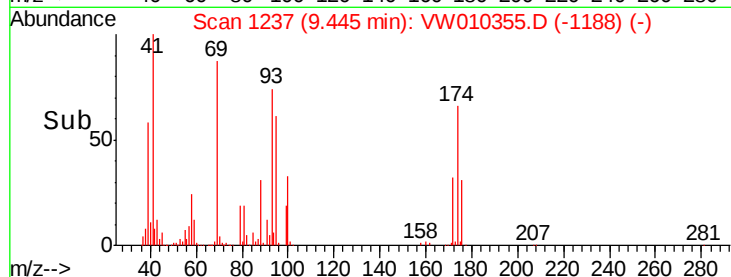
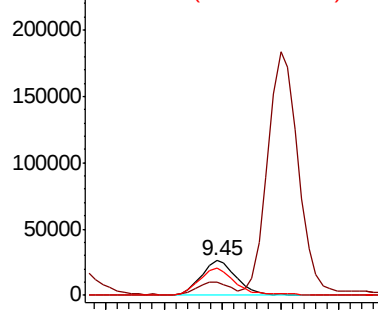
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tgt Ion:	88	Resp:	56347
Ion	Ratio	Lower	Upper
88	100		
43	33.6	31.9	47.9
58	77.8	61.8	92.6



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.147 ug/l

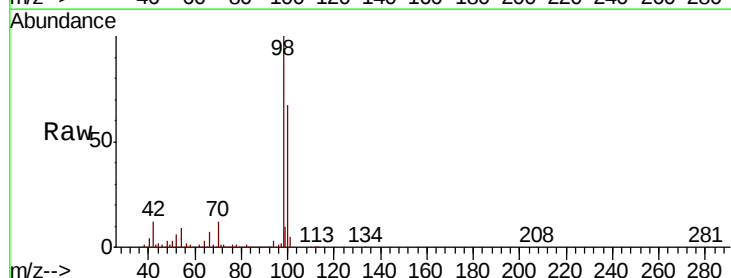
RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

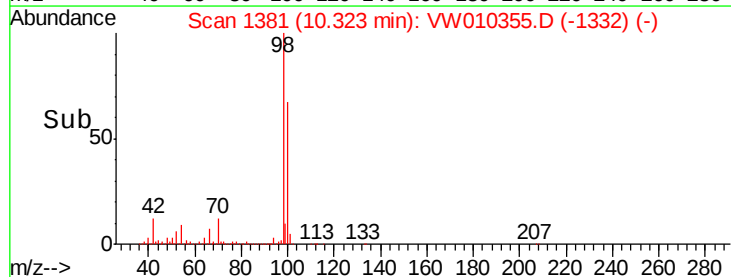
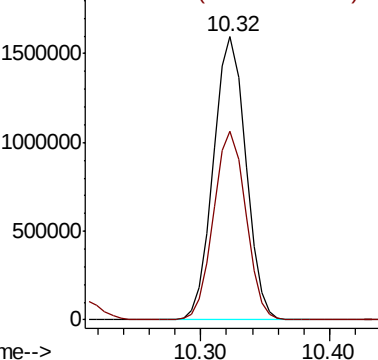
Lab File: VW010355.D

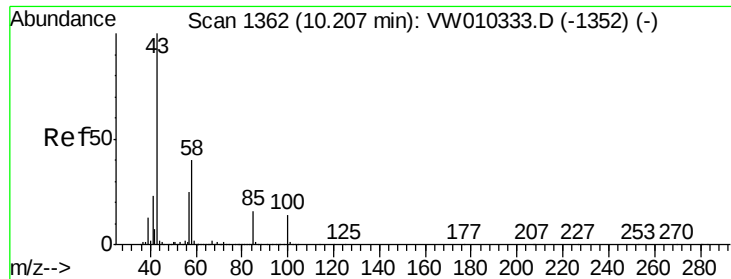
Acq: 10 May 2019 14:43

Tgt Ion:	98	Resp:	2776371
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

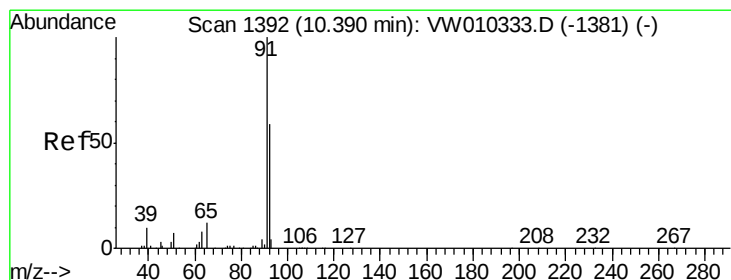
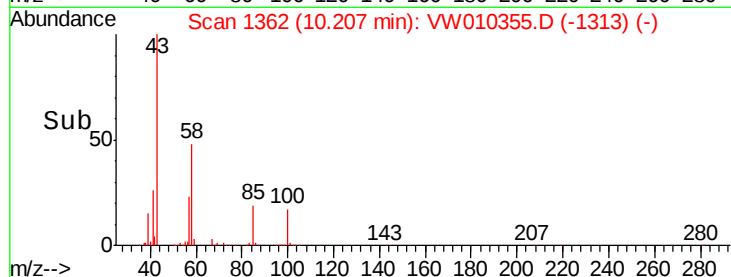
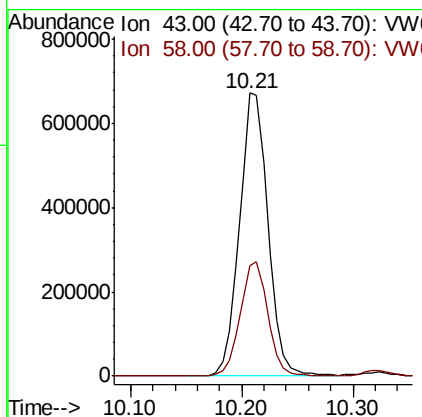
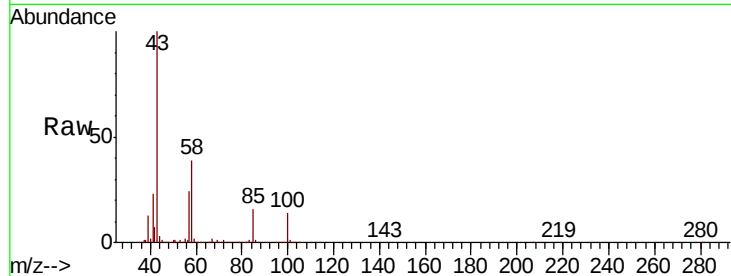




#51
 4-Methyl-2-Pentanone
 Concen: 98.764 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

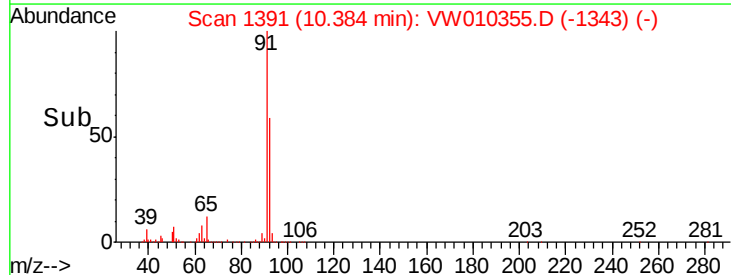
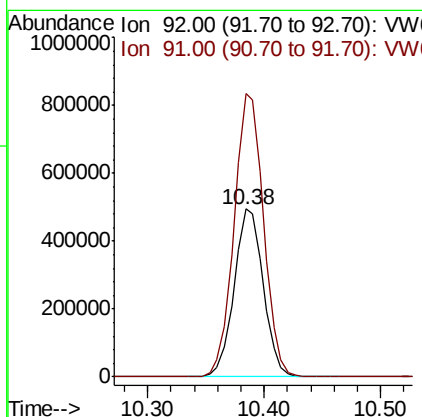
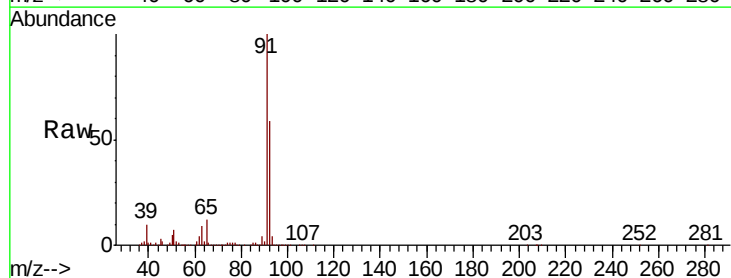
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

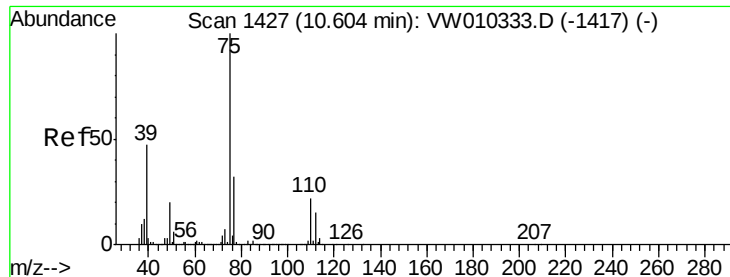
Tgt Ion: 43 Resp: 1188695
 Ion Ratio Lower Upper
 43 100
 58 39.4 28.9 43.3



#52
 Toluene
 Concen: 21.572 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion: 92 Resp: 858347
 Ion Ratio Lower Upper
 92 100
 91 171.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.762 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

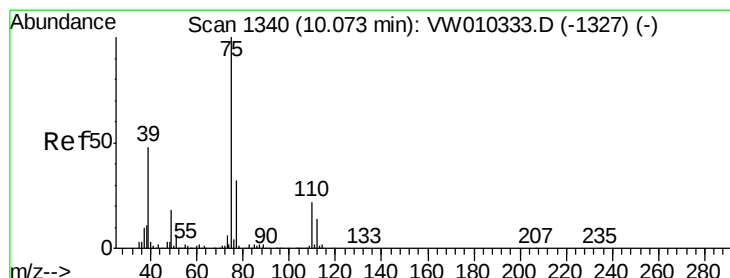
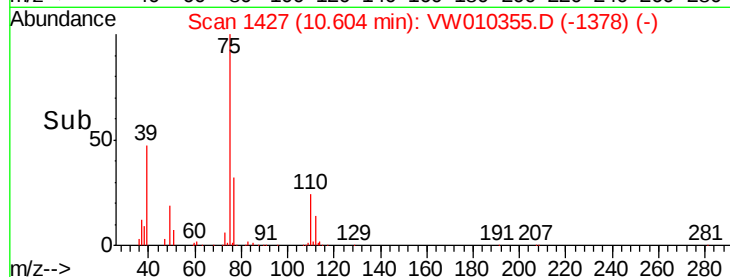
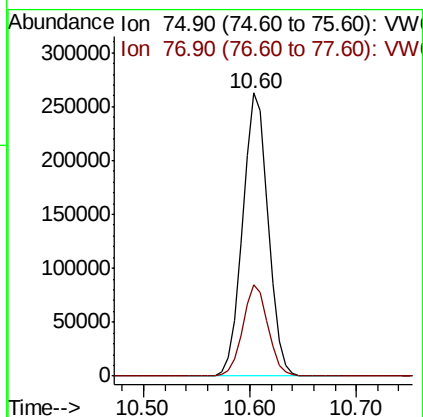
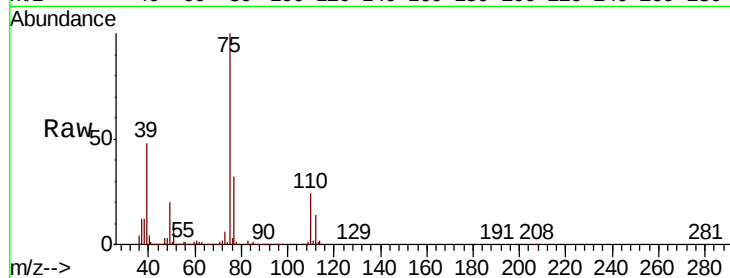
VW0510SBSD01

Tgt Ion: 75 Resp: 442016

Ion Ratio Lower Upper

75 100

77 32.1 26.9 40.3



#54

cis-1,3-Dichloropropene

Concen: 21.971 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

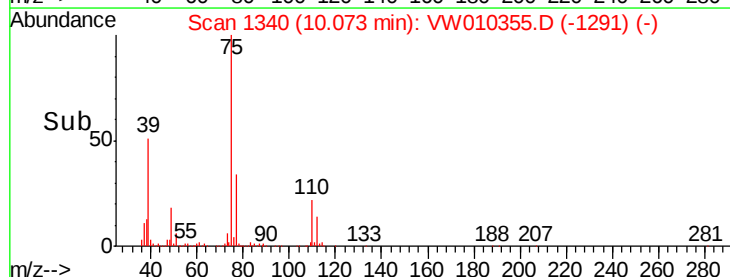
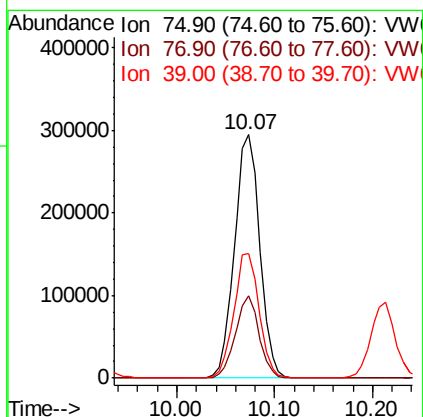
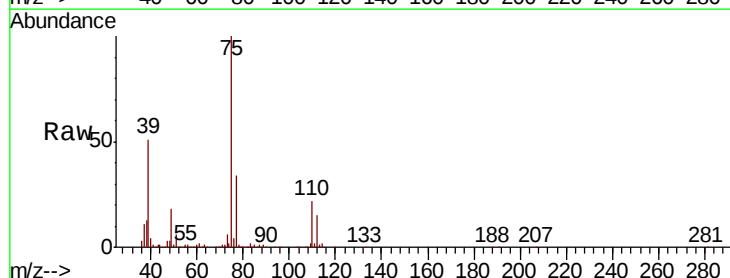
Tgt Ion: 75 Resp: 528522

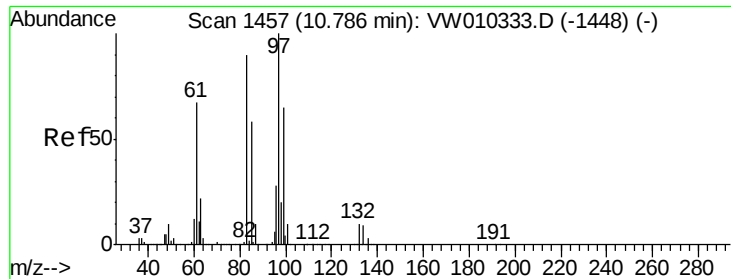
Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4

39 51.3 47.8 71.6

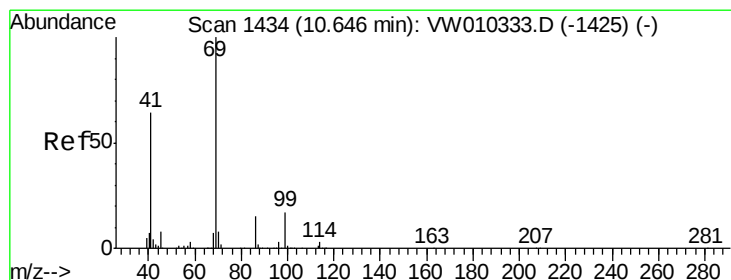
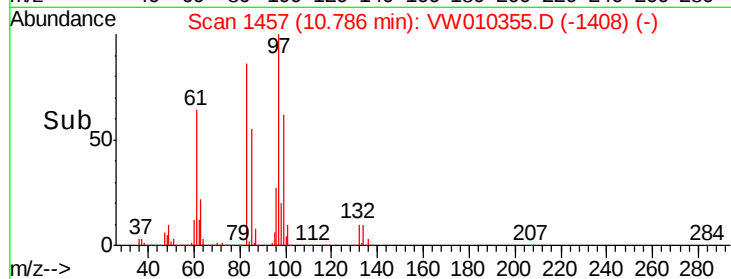
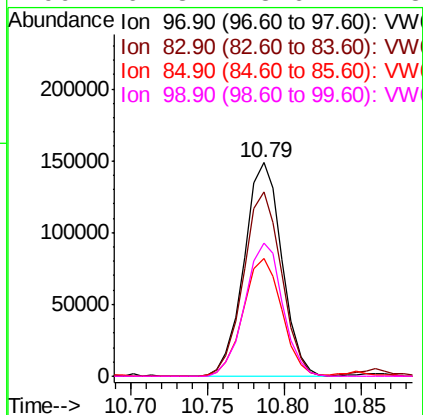
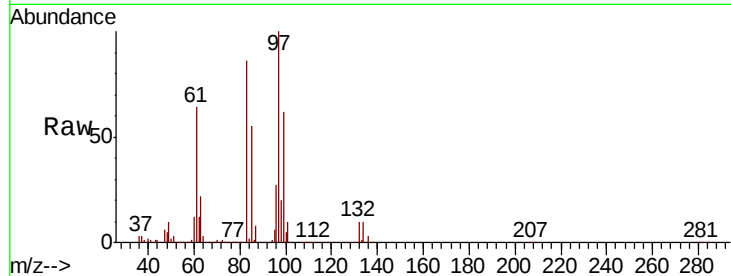




#55
 1,1,2-Trichloroethane
 Concen: 21.519 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

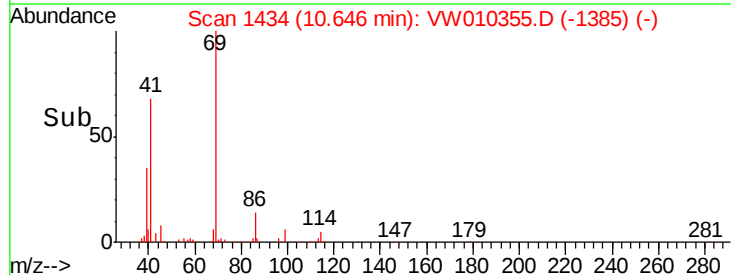
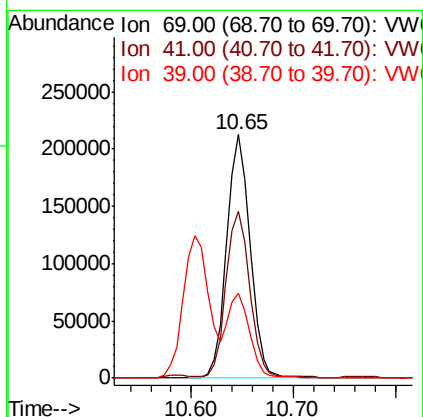
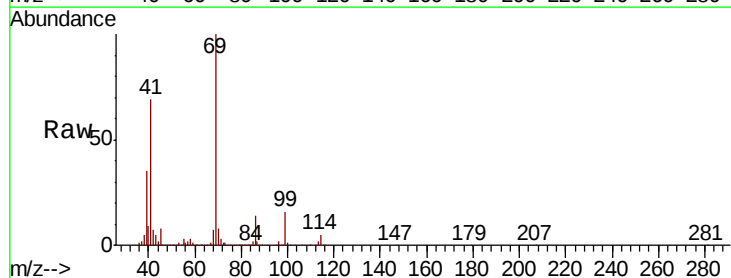
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

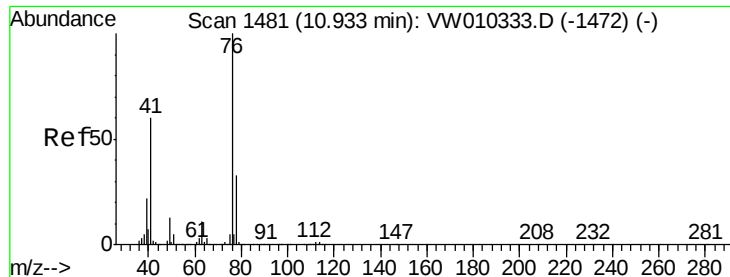
Tgt Ion:	97	Resp:	255501
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.9	103.3
85	55.4	42.9	64.3
99	62.3	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 21.549 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion:	69	Resp:	337874
Ion	Ratio	Lower	Upper
69	100		
41	68.9	61.0	91.6
39	32.8	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 21.951 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

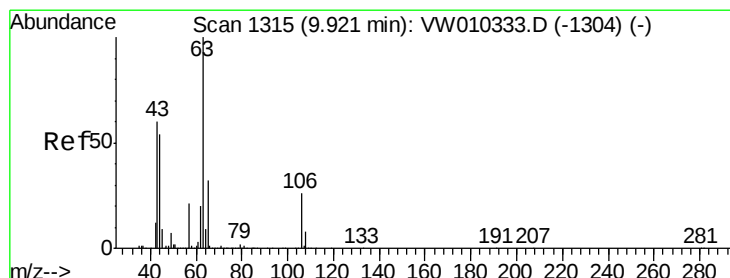
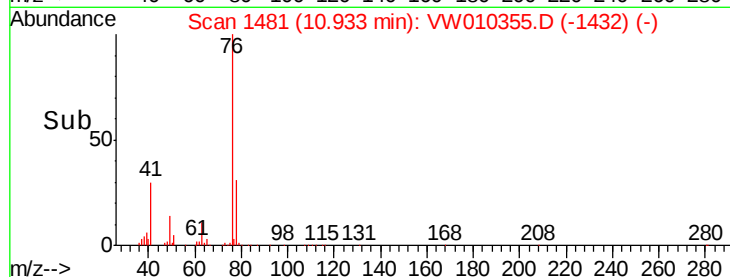
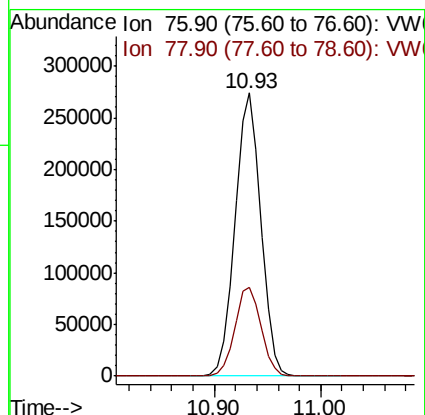
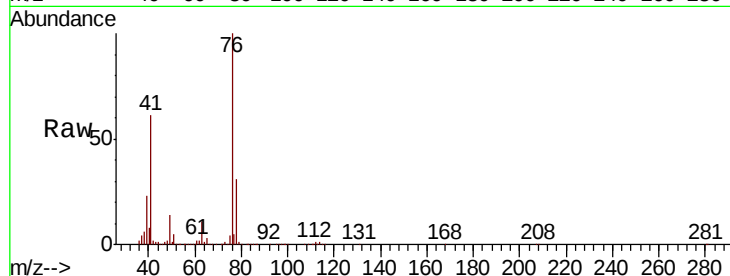
VW0510SBSD01

Tgt Ion: 76 Resp: 465932

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.041 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010355.D

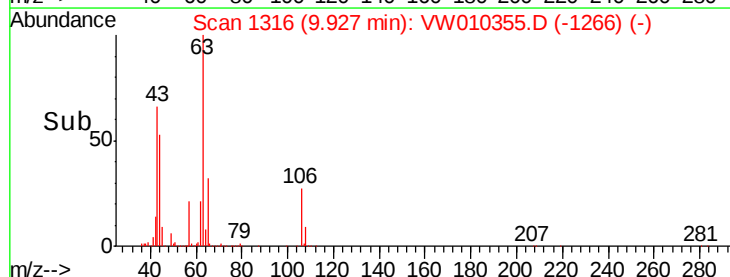
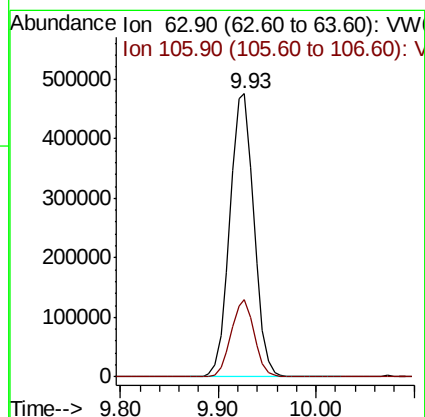
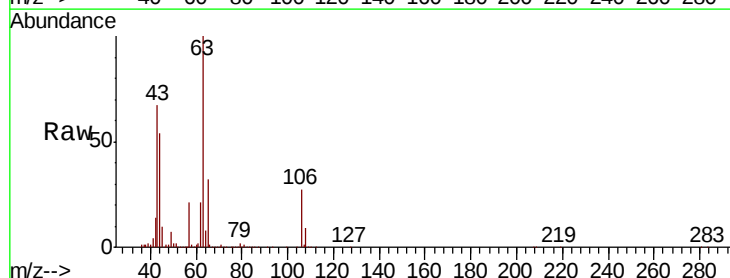
Acq: 10 May 2019 14:43

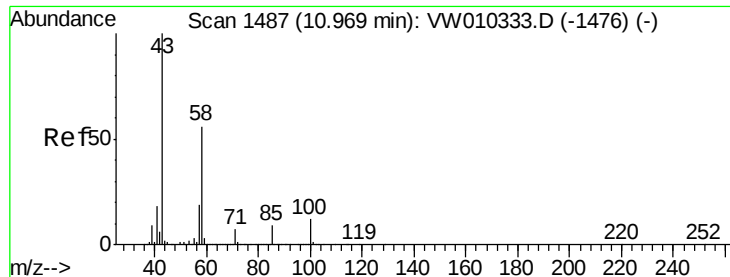
Tgt Ion: 63 Resp: 811050

Ion Ratio Lower Upper

63 100

106 26.2 21.4 32.0

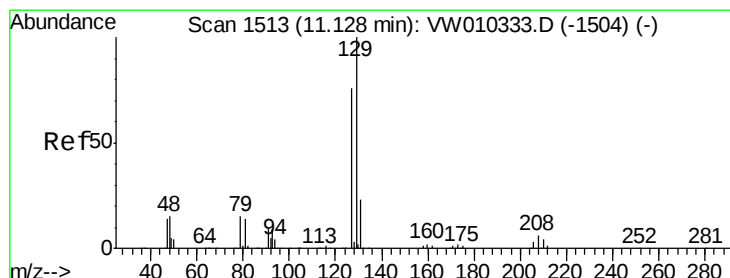
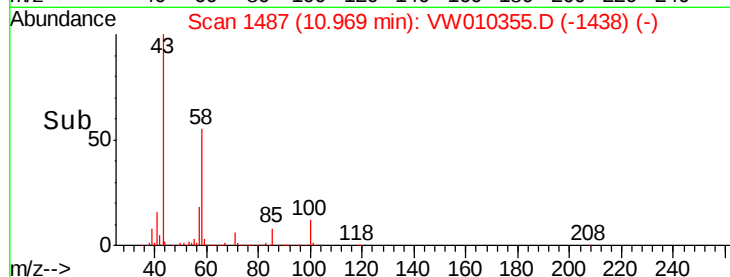
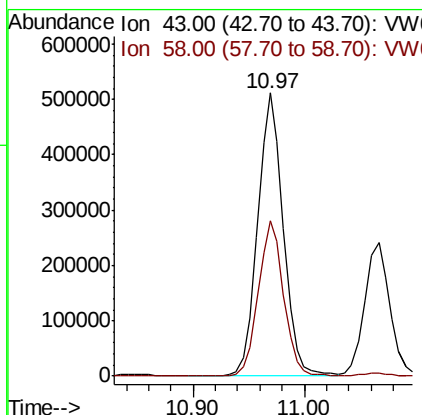
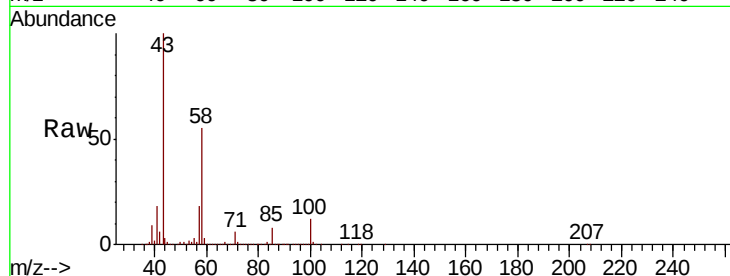




#59
2-Hexanone
Concen: 96.090 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

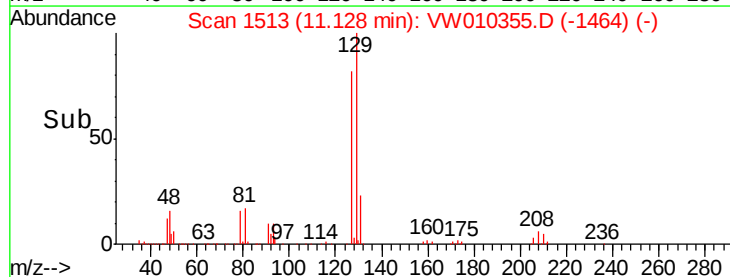
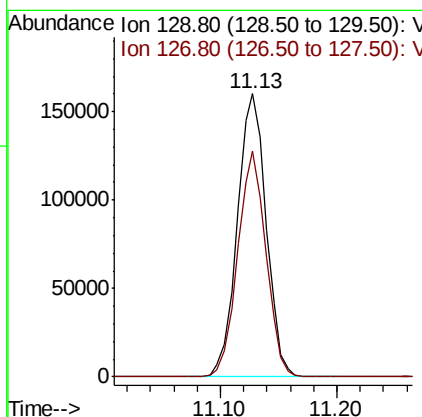
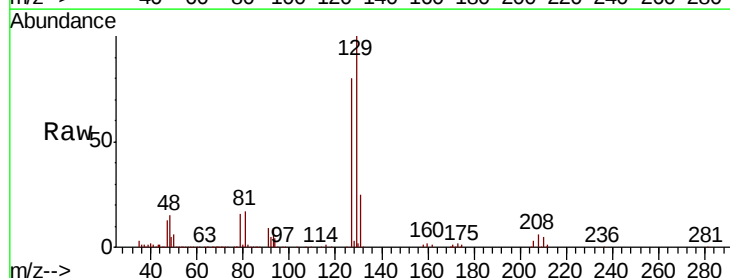
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

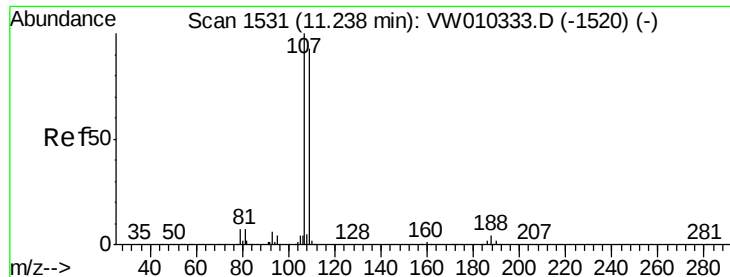
Tgt Ion: 43 Resp: 817691
Ion Ratio Lower Upper
43 100
58 54.4 24.9 74.7



#60
Dibromochloromethane
Concen: 21.638 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 129 Resp: 276451
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.134 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

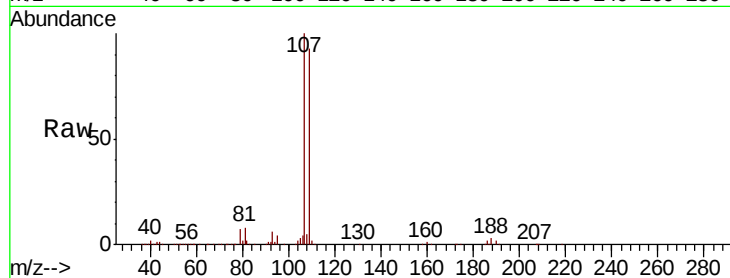
VW0510SBSD01

Tgt Ion: 107 Resp: 240878

Ion Ratio Lower Upper

107 100

109 93.9 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

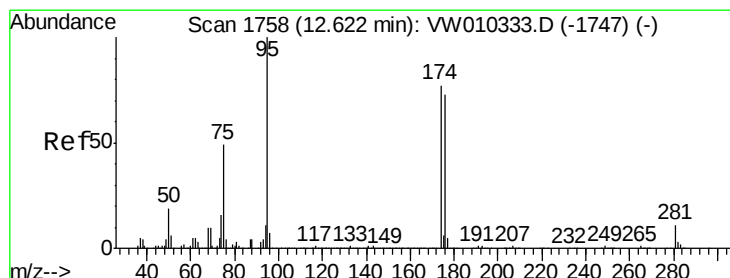
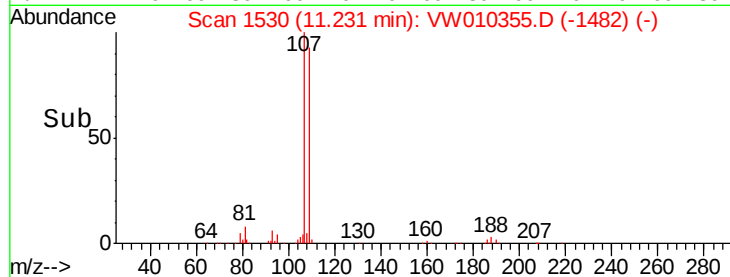
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

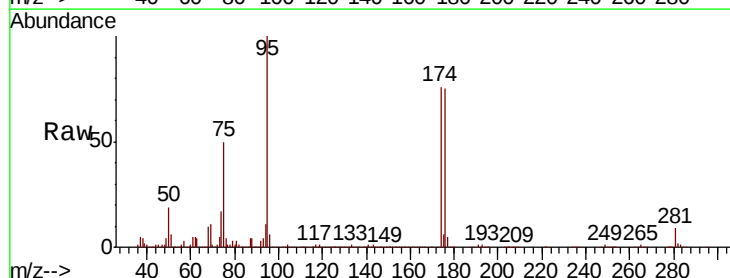
Tgt Ion: 95 Resp: 1009595

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.4

176 73.5 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

800000

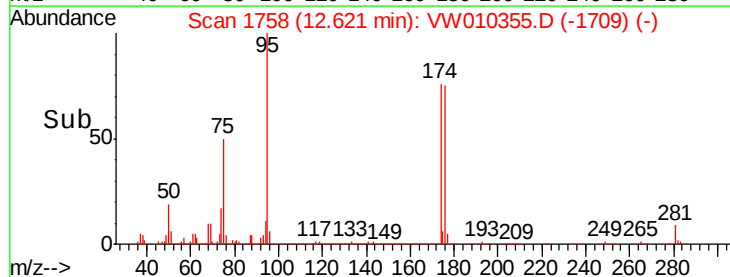
600000

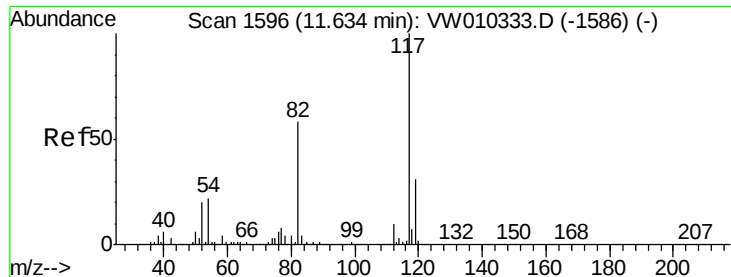
400000

200000

0

Time-->

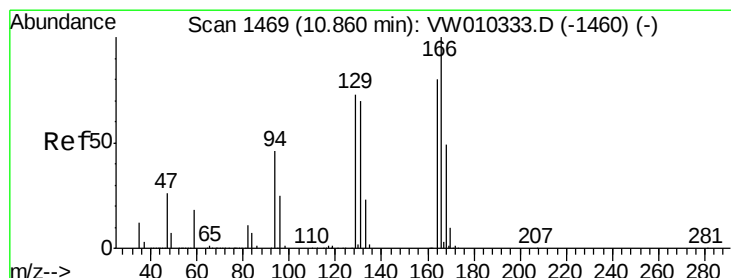
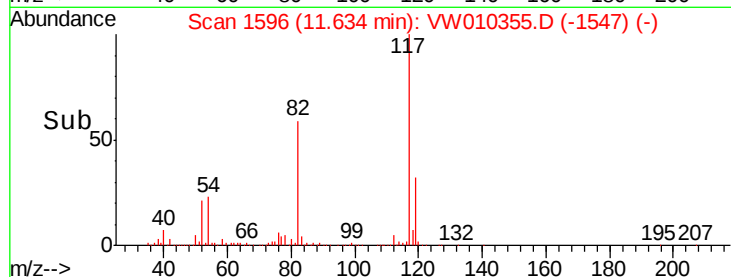
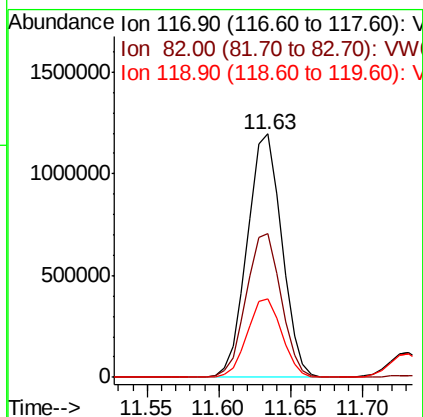
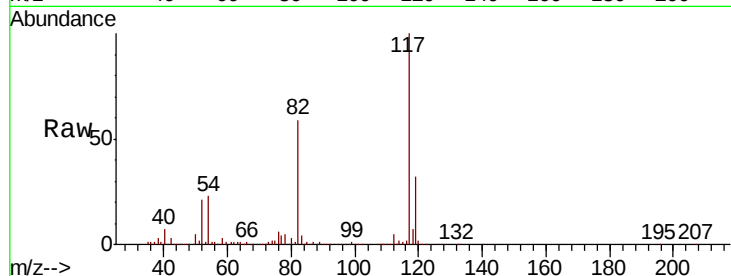




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

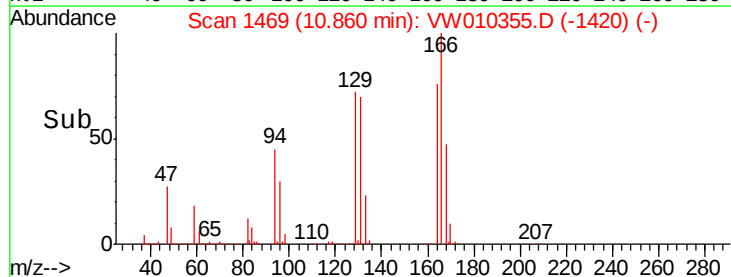
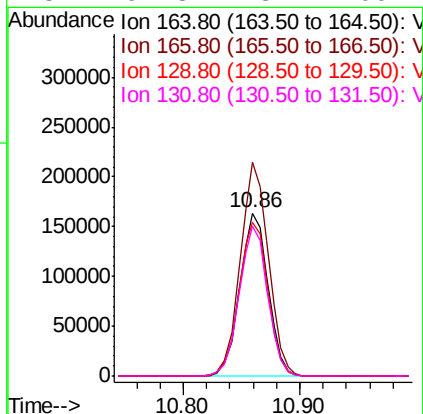
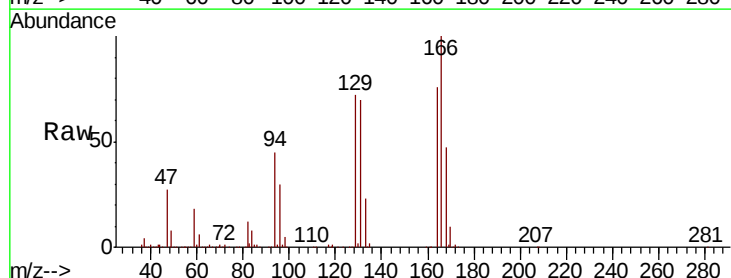
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

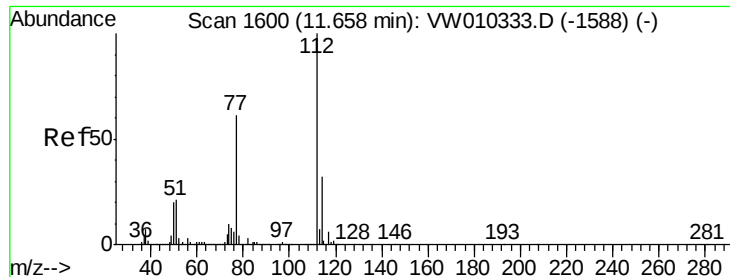
Tgt Ion:117 Resp: 1983464
Ion Ratio Lower Upper
117 100
82 59.0 45.2 67.8
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 19.949 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion:164 Resp: 276549
Ion Ratio Lower Upper
164 100
166 131.0 101.2 151.8
129 94.0 77.8 116.6
131 91.8 73.1 109.7





#65

Chlorobenzene

Concen: 21.515 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

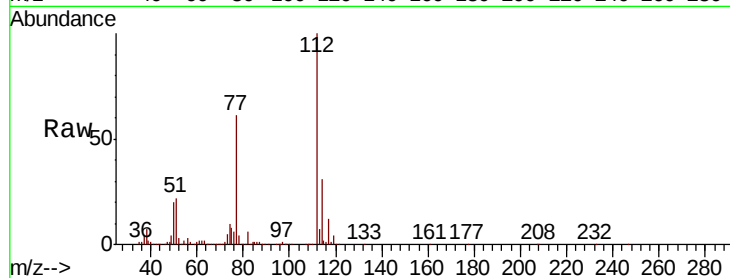
VW0510SBSD01

Tgt Ion:112 Resp: 883387

Ion Ratio Lower Upper

112 100

114 31.2 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

600000

500000

400000

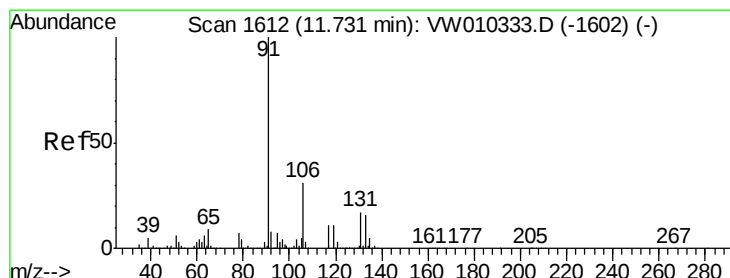
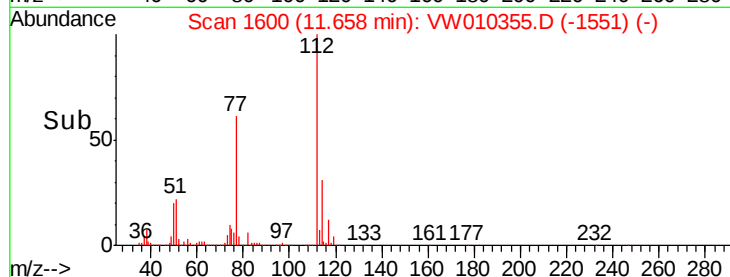
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.094 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

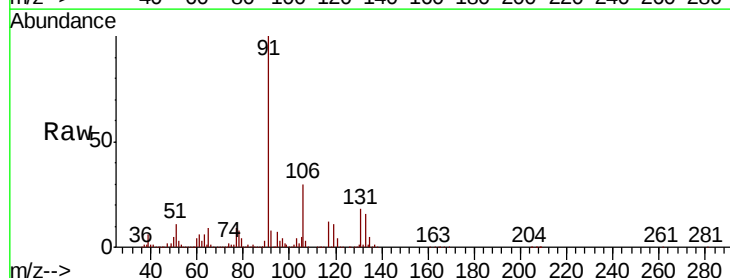
Tgt Ion:131 Resp: 306606

Ion Ratio Lower Upper

131 100

133 92.6 46.5 139.5

119 63.9 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

500000

400000

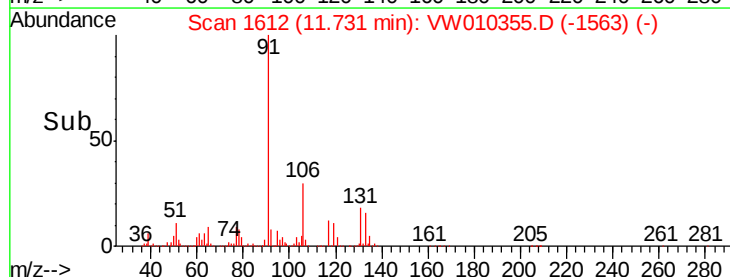
300000

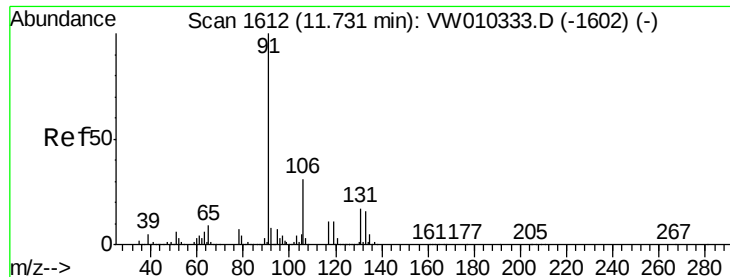
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 21.463 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

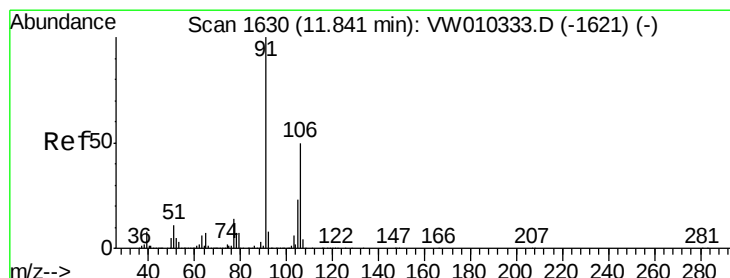
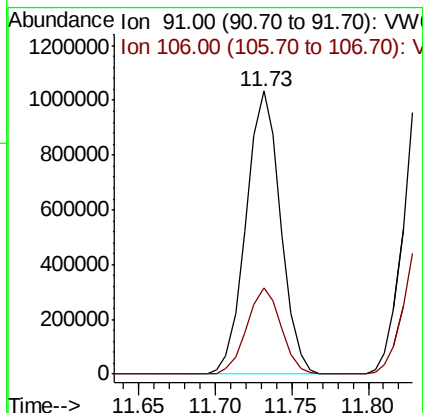
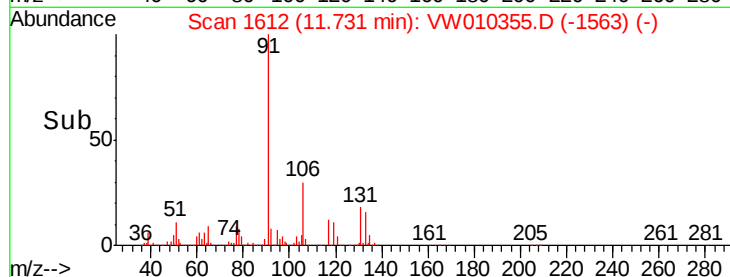
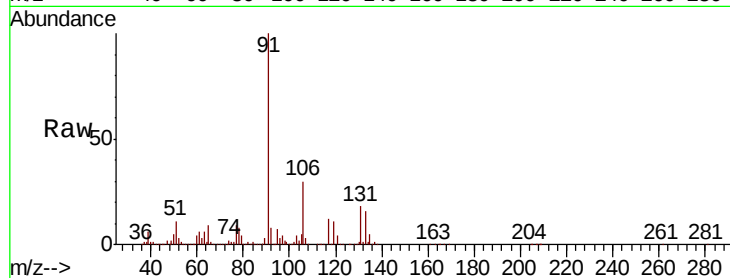
VW0510SBSD01

Tgt Ion: 91 Resp: 1621127

Ion Ratio Lower Upper

91 100

106 30.4 23.8 35.8



#68

m/p-Xylenes

Concen: 42.965 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010355.D

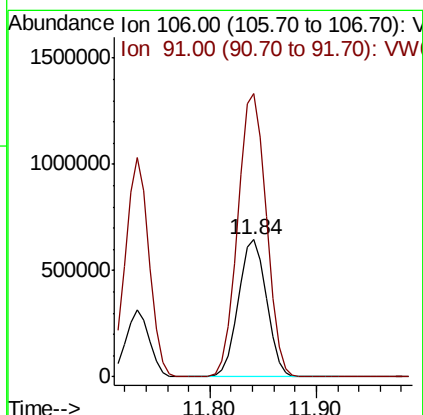
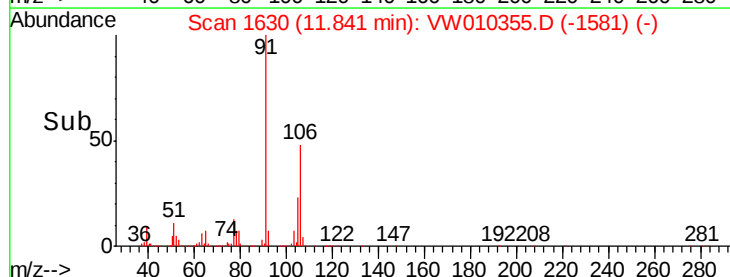
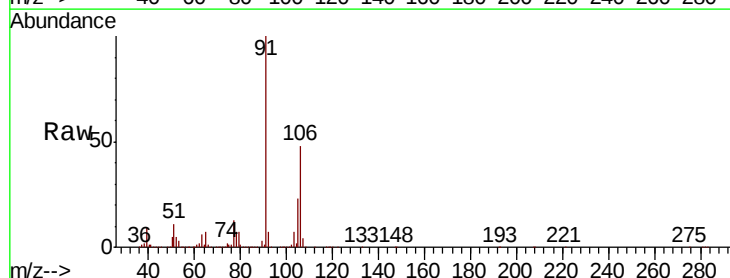
Acq: 10 May 2019 14:43

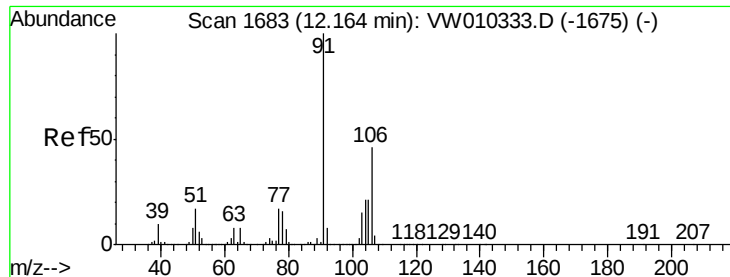
Tgt Ion: 106 Resp: 1205739

Ion Ratio Lower Upper

106 100

91 208.9 165.0 247.6

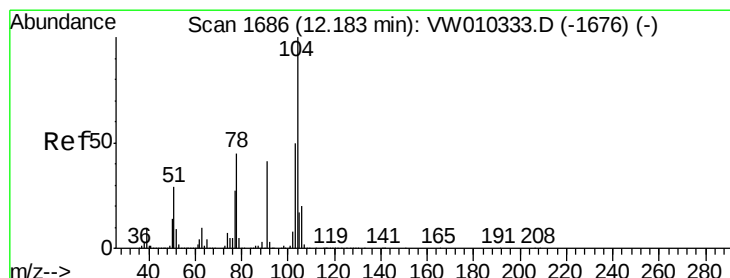
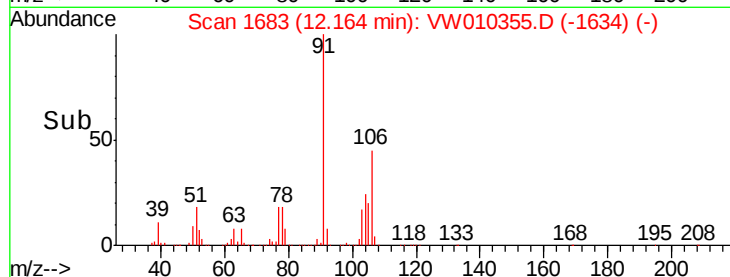
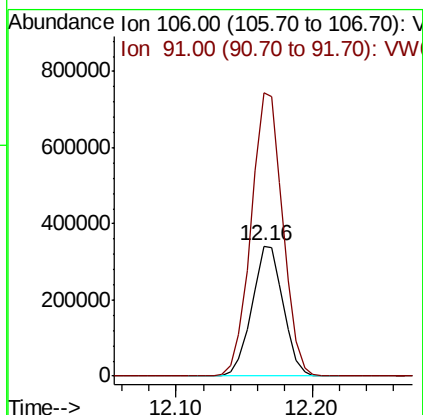
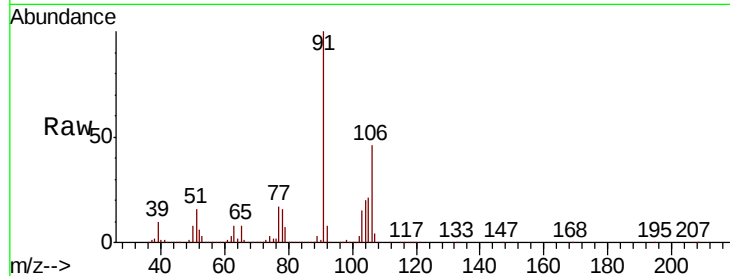




#69
o-Xylene
Concen: 21.815 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

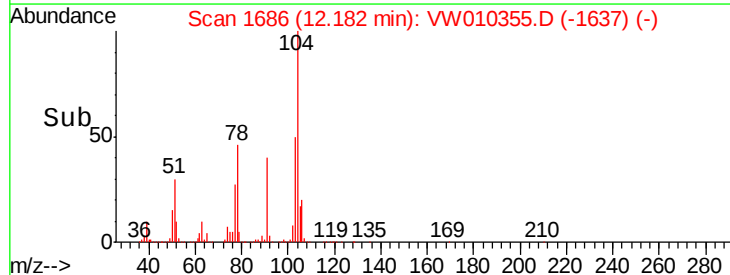
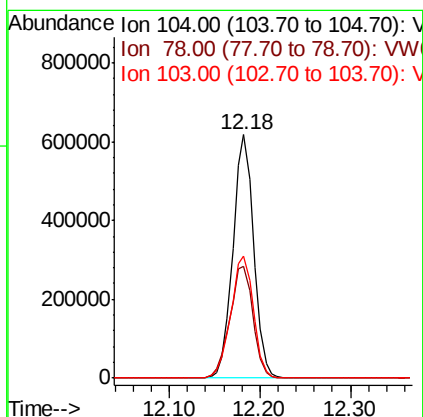
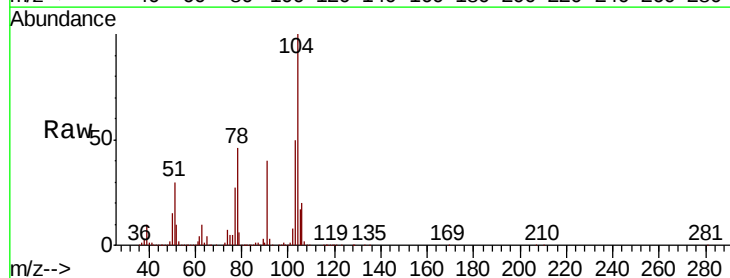
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

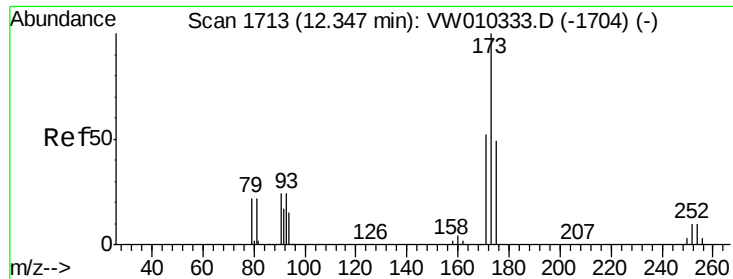
Tgt Ion:106 Resp: 553803
Ion Ratio Lower Upper
106 100
91 219.8 110.5 331.4



#70
Styrene
Concen: 22.149 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion:104 Resp: 979735
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 54.7 43.6 65.4

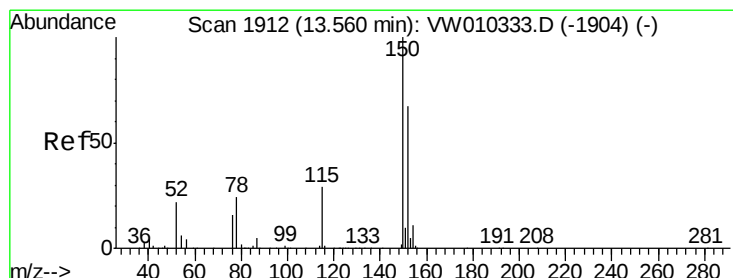
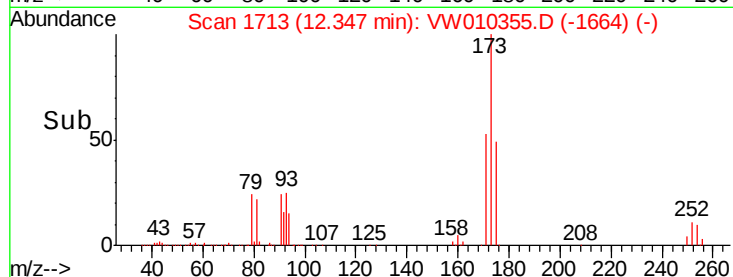
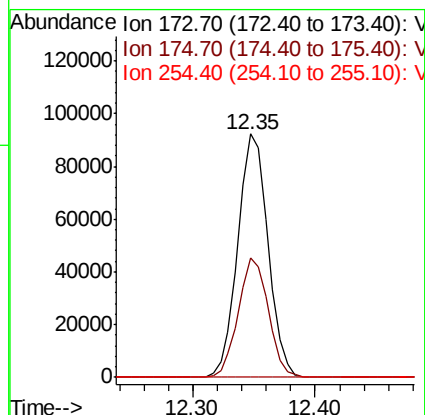
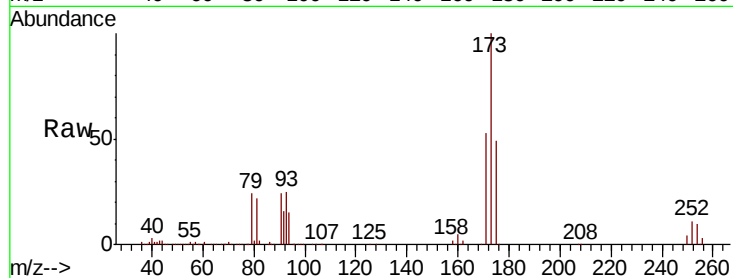




#71
 Bromoform
 Concen: 19.839 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

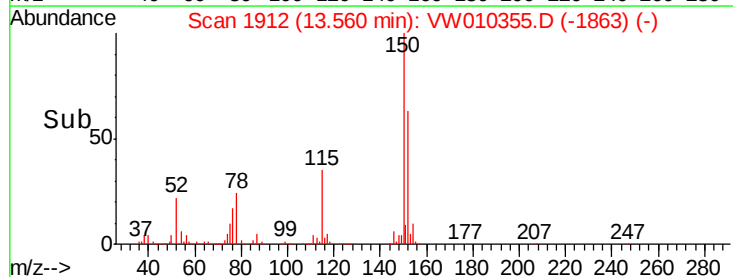
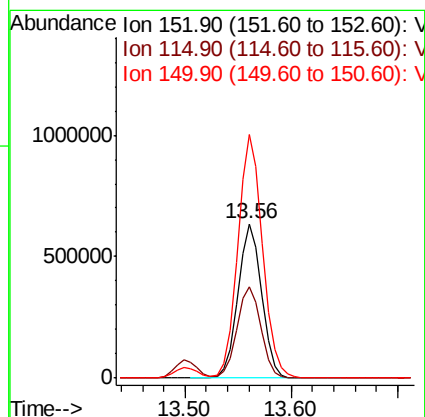
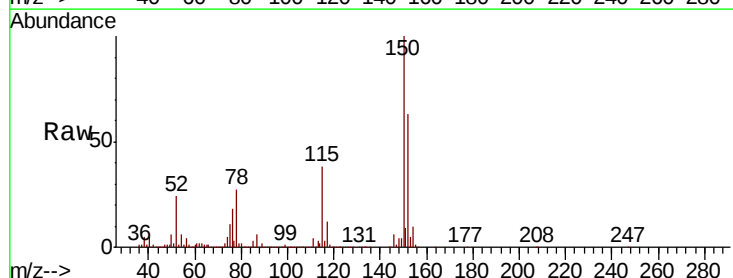
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

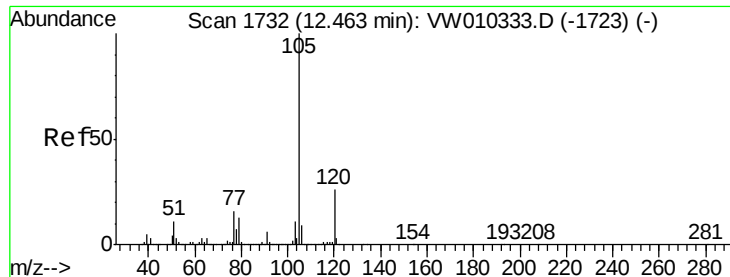
Tgt Ion:173 Resp: 157379
 Ion Ratio Lower Upper
 173 100
 175 48.9 23.8 71.4
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion:152 Resp: 990783
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.4 91.2
 150 164.3 0.0 347.0





#73

Isopropylbenzene

Concen: 21.367 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

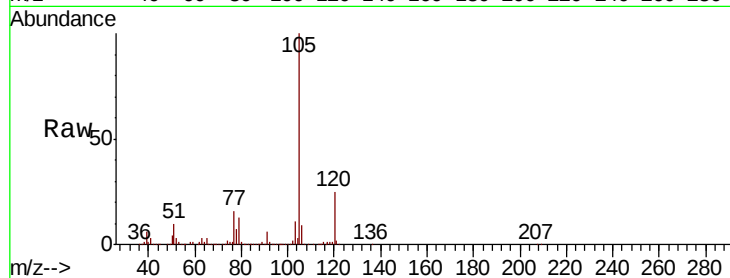
VW0510SBSD01

Tgt Ion: 105 Resp: 1543117

Ion Ratio Lower Upper

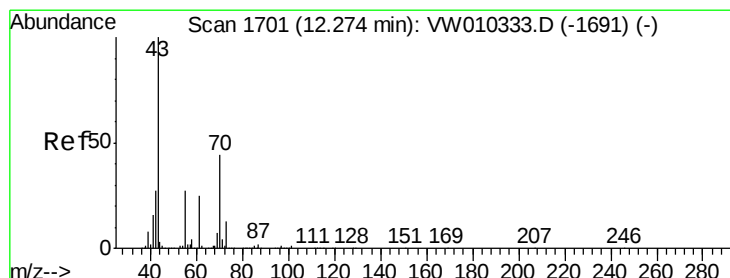
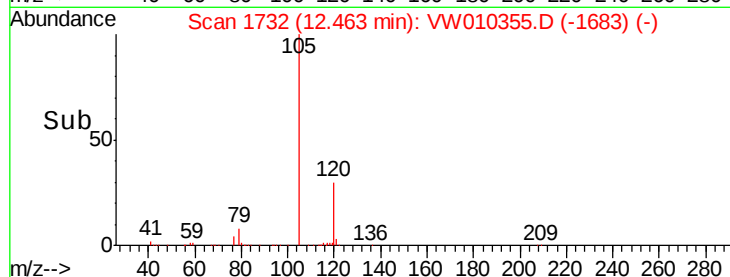
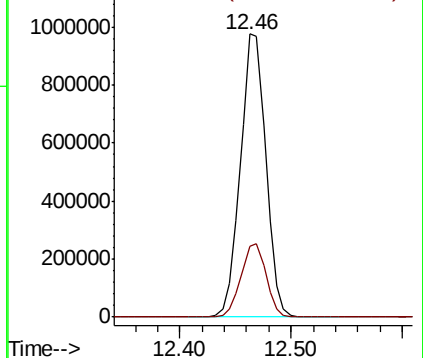
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.999 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion: 43 Resp: 391786

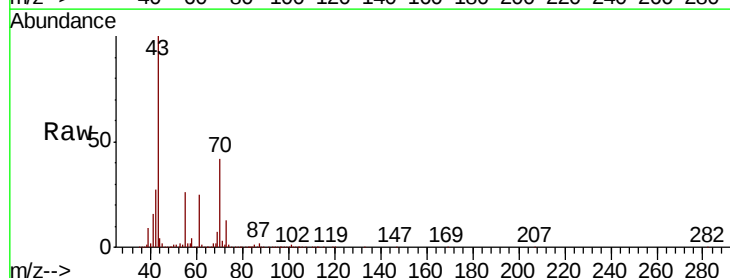
Ion Ratio Lower Upper

43 100

70 44.3 31.3 46.9

55 27.3 20.0 30.0

61 24.8 17.8 26.8

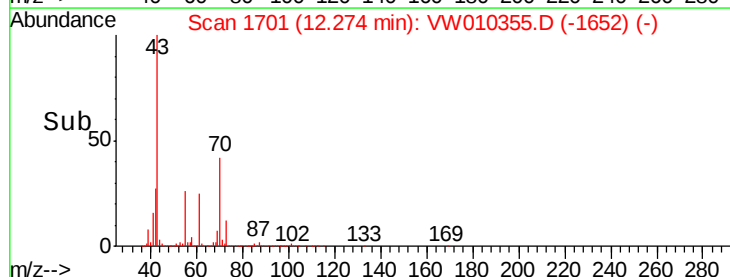
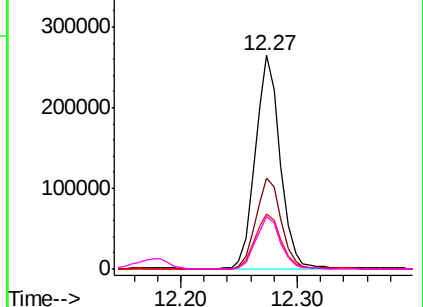


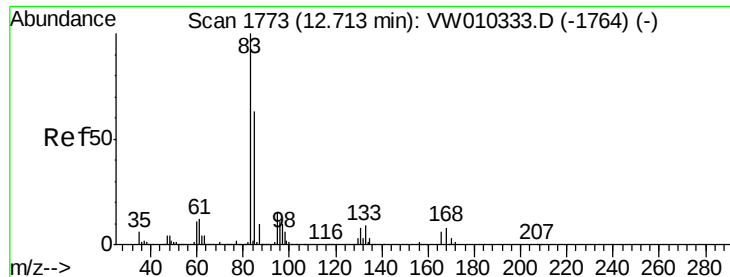
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 20.055 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

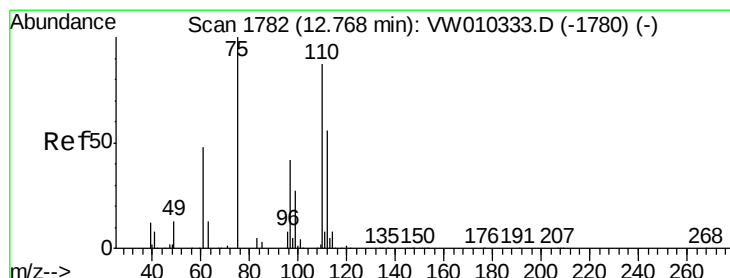
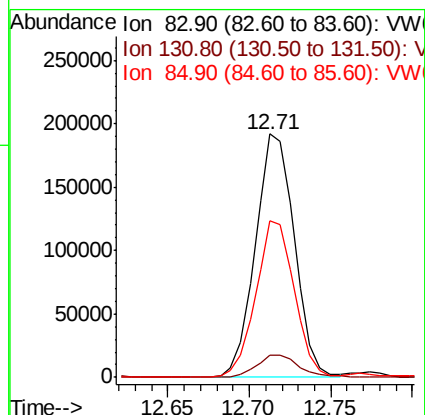
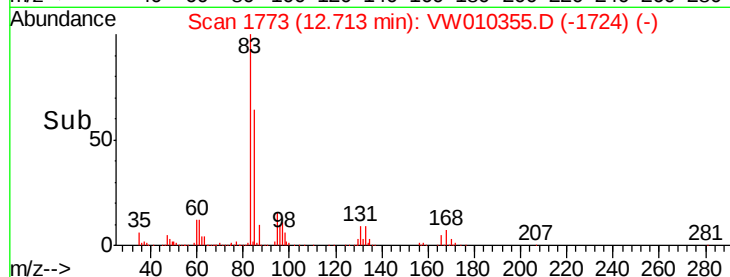
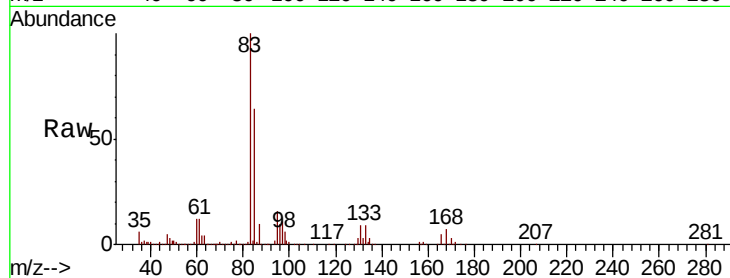
Tgt Ion: 83 Resp: 319121

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 34.683 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010355.D

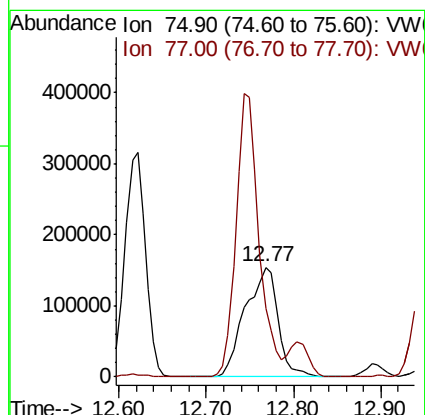
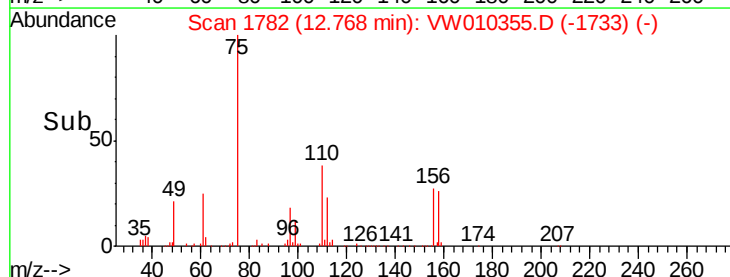
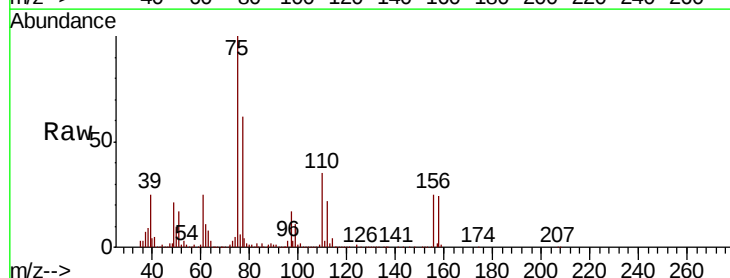
Acq: 10 May 2019 14:43

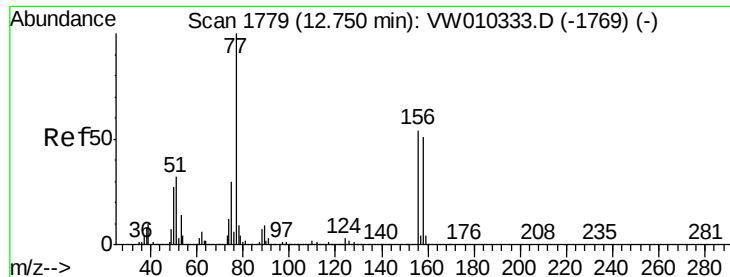
Tgt Ion: 75 Resp: 400651

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.650 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

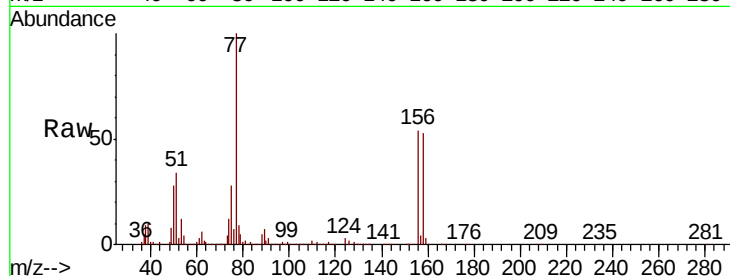
Tgt Ion:156 Resp: 353038

Ion Ratio Lower Upper

156 100

77 207.2 102.5 307.4

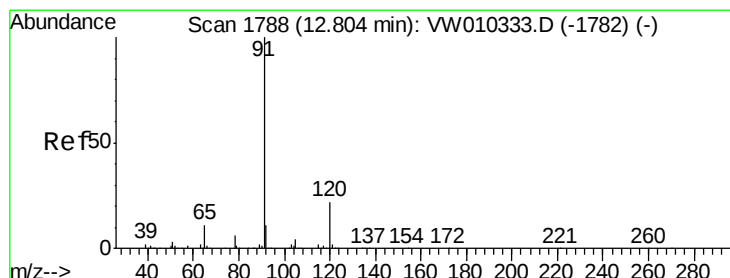
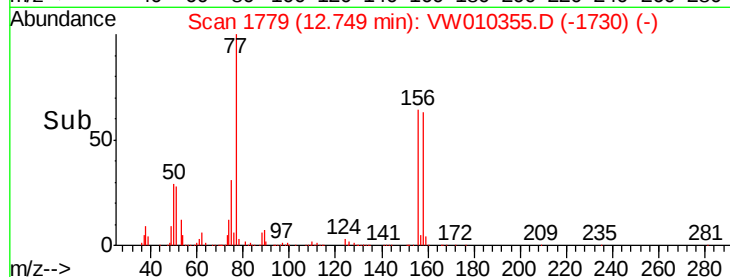
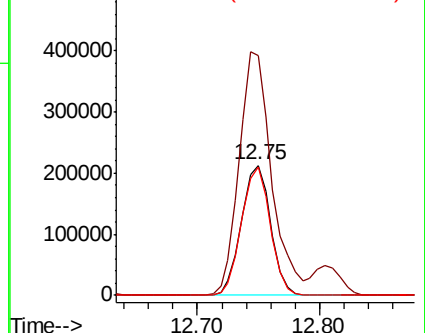
158 96.9 48.8 146.4



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: 21.472 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010355.D

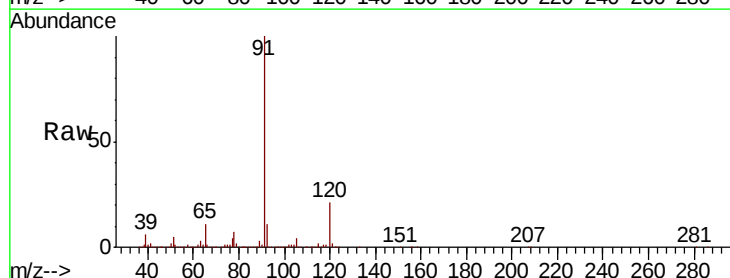
Acq: 10 May 2019 14:43

Tgt Ion: 91 Resp: 1915182

Ion Ratio Lower Upper

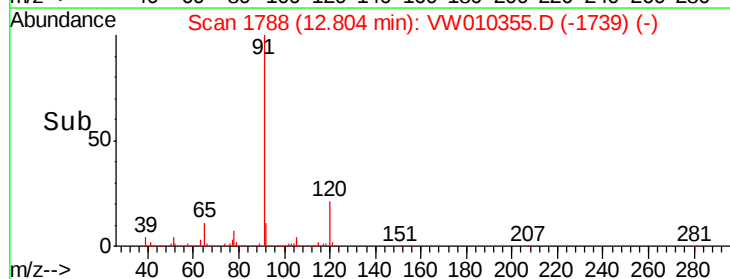
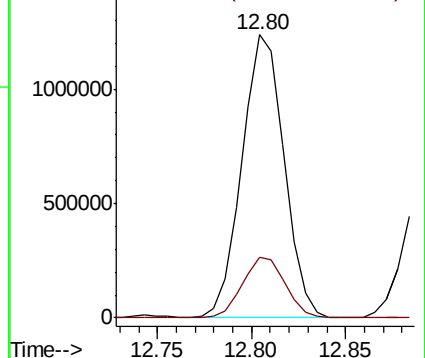
91 100

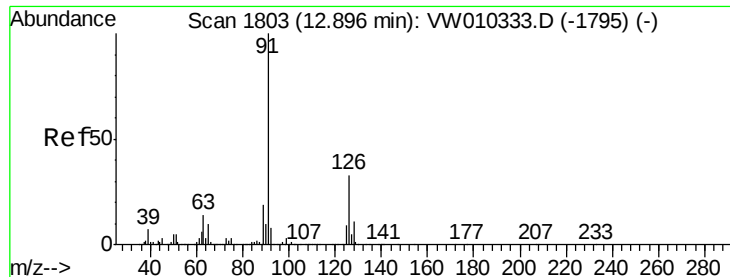
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.493 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

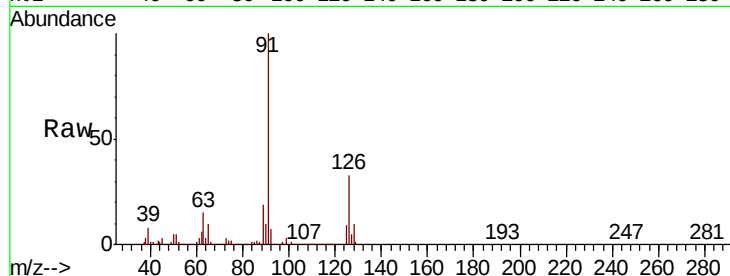
VW0510SBSD01

Tgt Ion: 91 Resp: 1091751

Ion Ratio Lower Upper

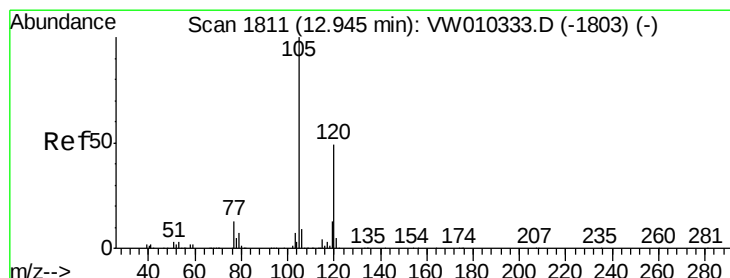
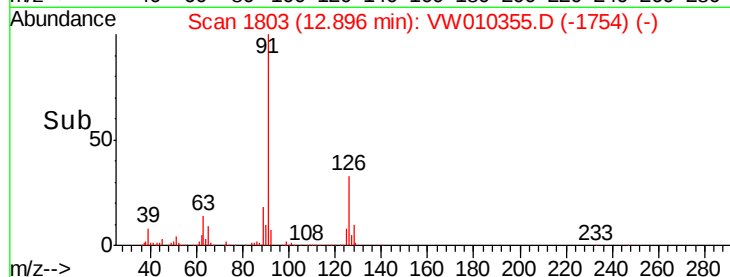
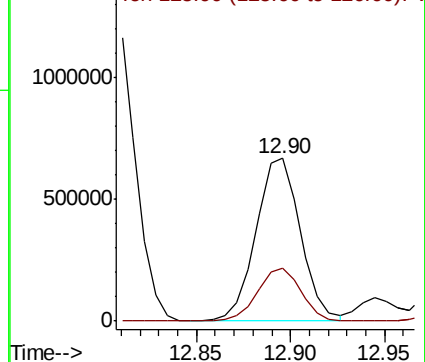
91 100

126 32.0 16.3 48.8



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: 21.580 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010355.D

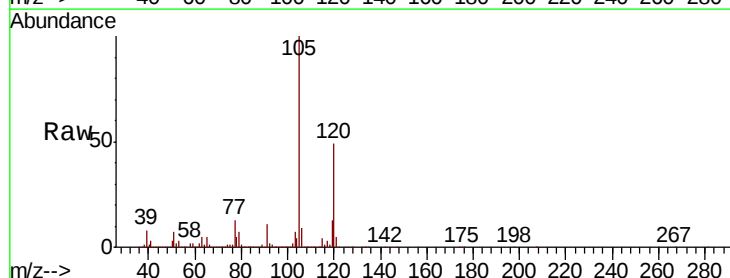
Acq: 10 May 2019 14:43

Tgt Ion: 105 Resp: 1313843

Ion Ratio Lower Upper

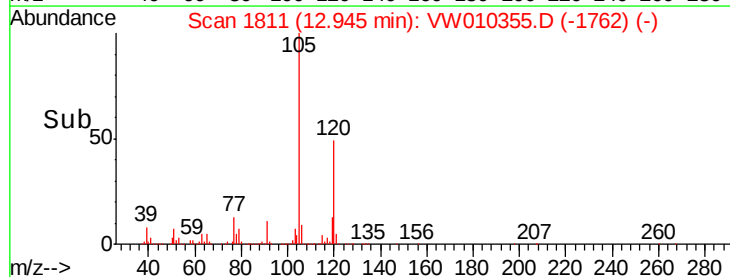
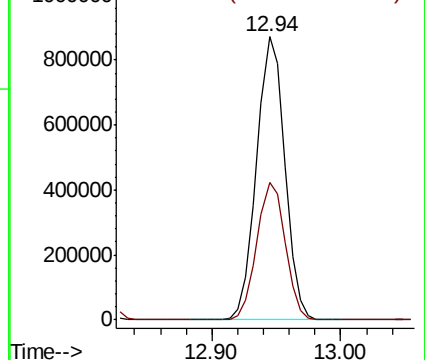
105 100

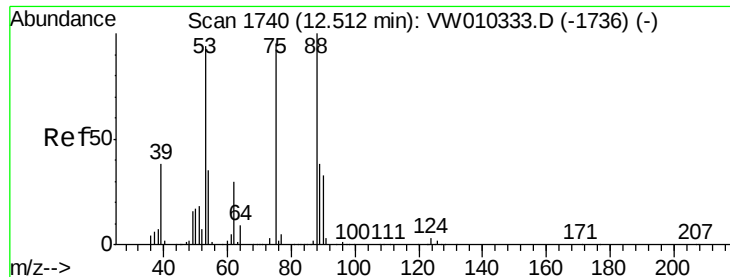
120 49.0 24.3 72.8



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: 18.929 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD01

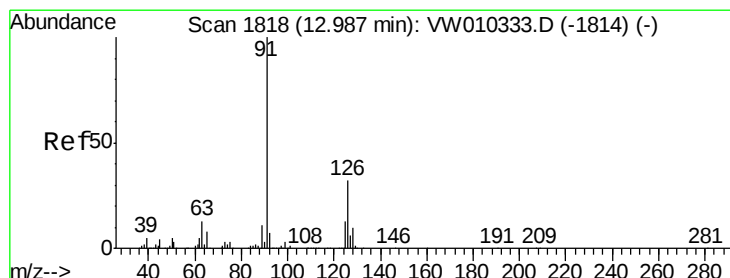
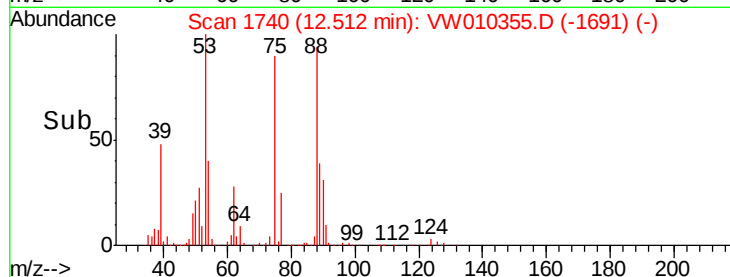
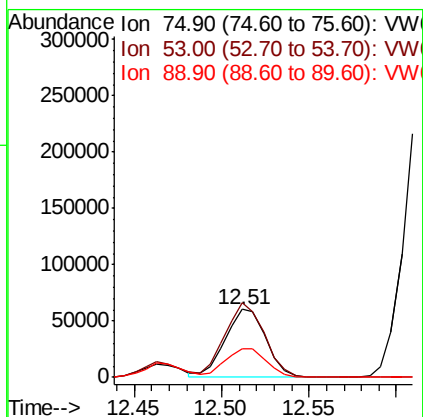
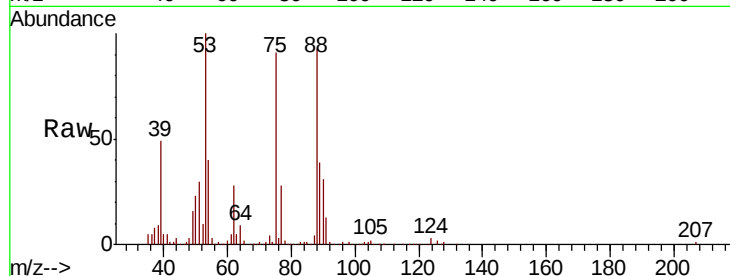
Tgt Ion: 75 Resp: 96824

Ion Ratio Lower Upper

75 100

53 107.1 89.8 134.8

89 43.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 21.463 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010355.D

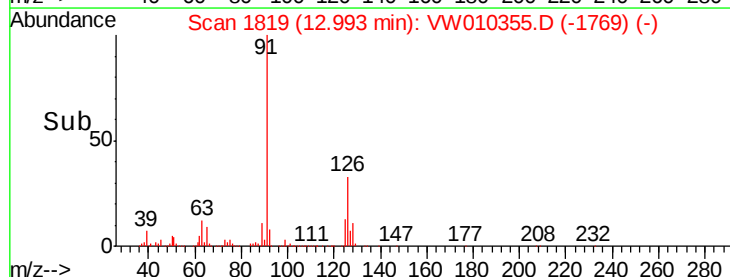
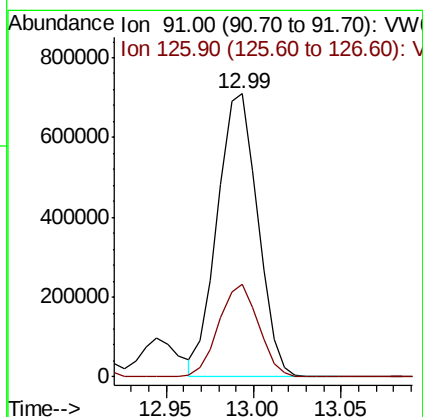
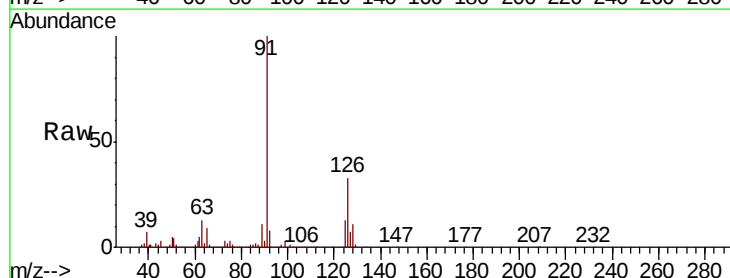
Acq: 10 May 2019 14:43

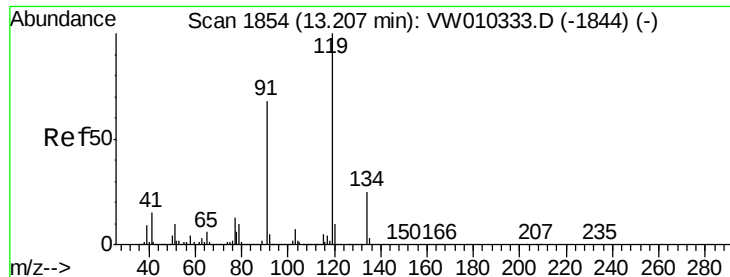
Tgt Ion: 91 Resp: 1142309

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1





#83

tert-Butylbenzene

Concen: 20.935 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

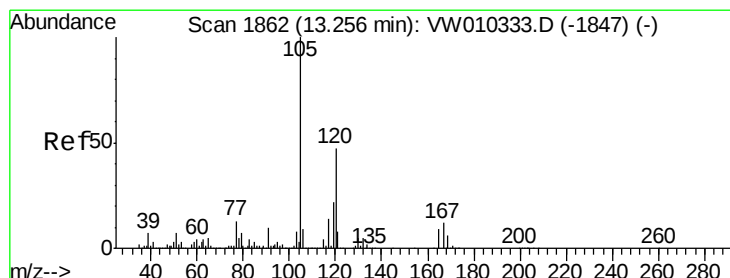
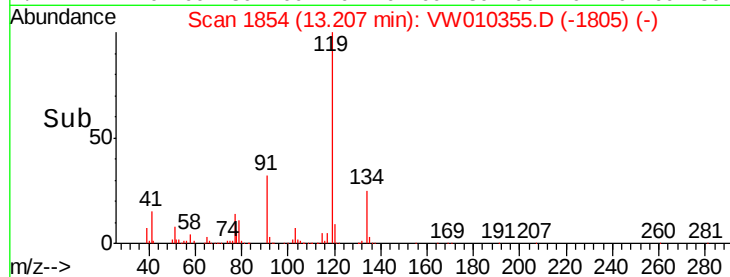
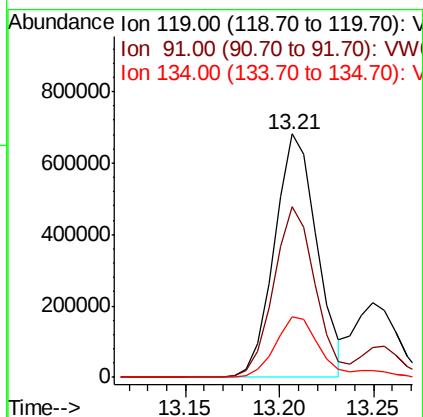
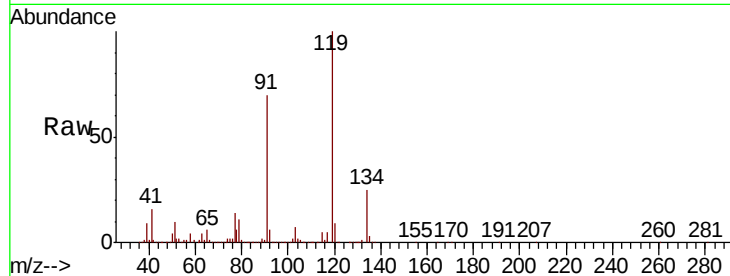
Lab File: VW010355.D

Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tgt Ion:119 Resp: 1063151

Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.8	104.4
134	27.4	13.7	41.1



#84

1,2,4-Trimethylbenzene

Concen: 22.259 ug/l

RT: 13.26 min Scan# 1862

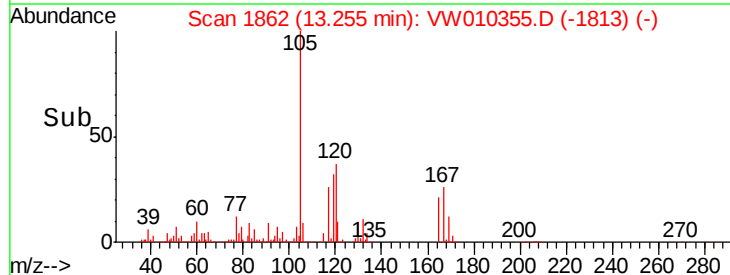
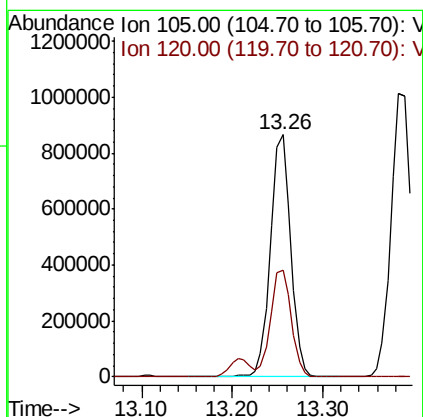
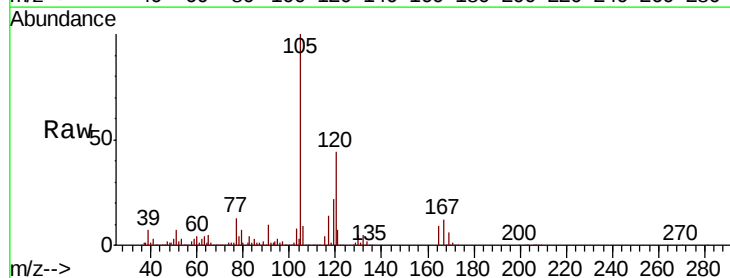
Delta R.T. -0.00 min

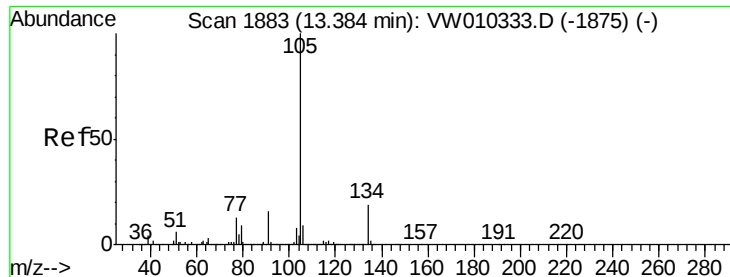
Lab File: VW010355.D

Acq: 10 May 2019 14:43

Tgt Ion:105 Resp: 1346658

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7

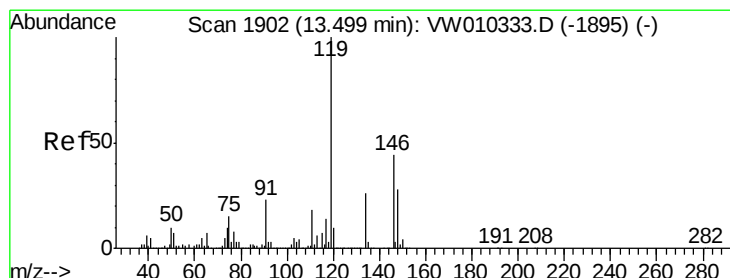
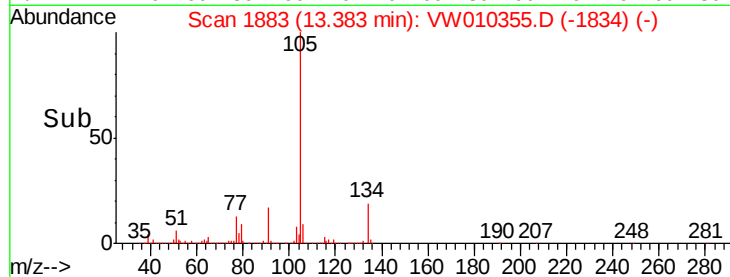
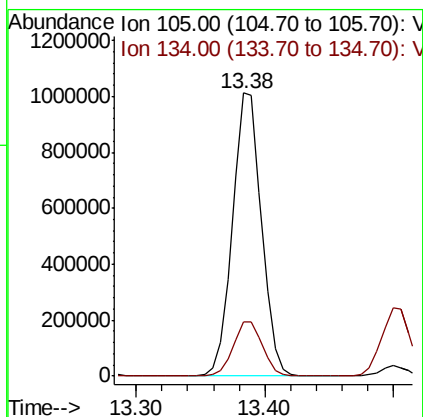
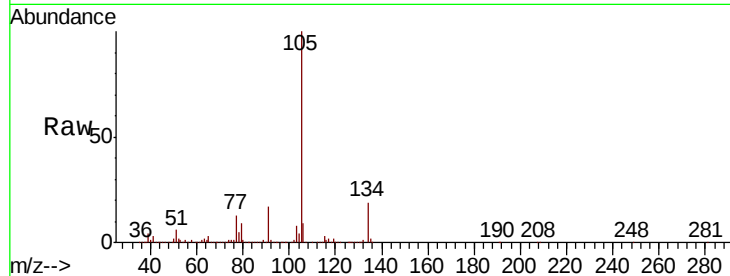




#85
 sec-Butylbenzene
 Concen: 21.104 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

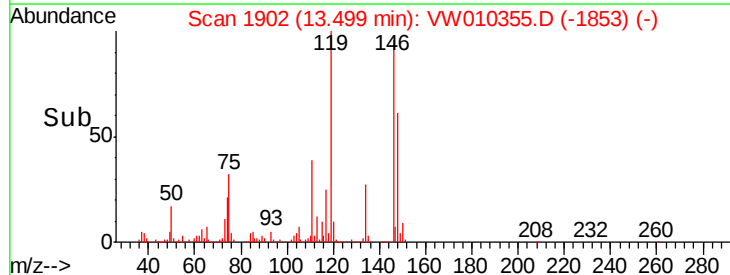
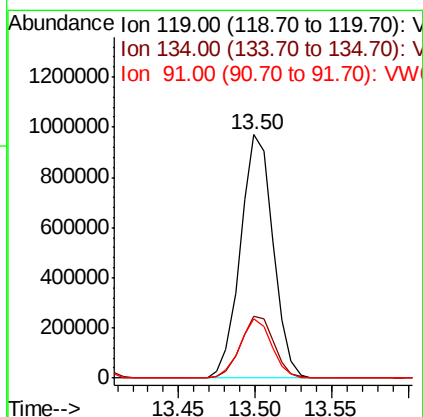
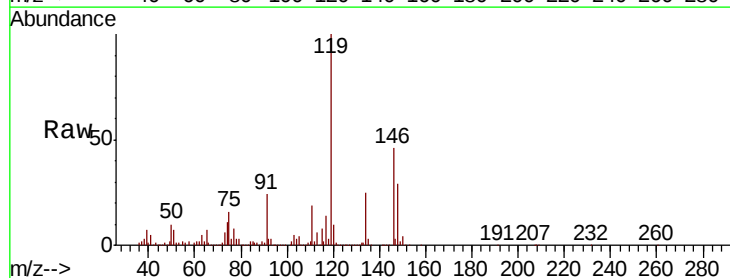
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

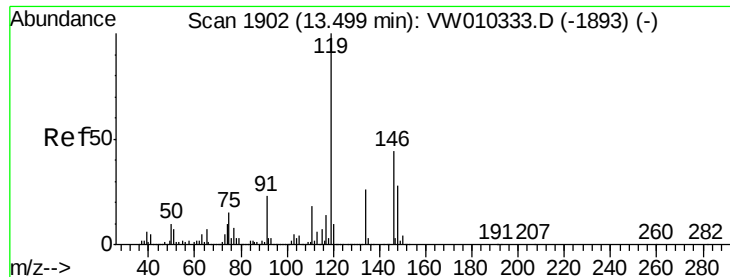
Tgt Ion:105 Resp: 1582069
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.567 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion:119 Resp: 1435532
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.6 12.3 36.9

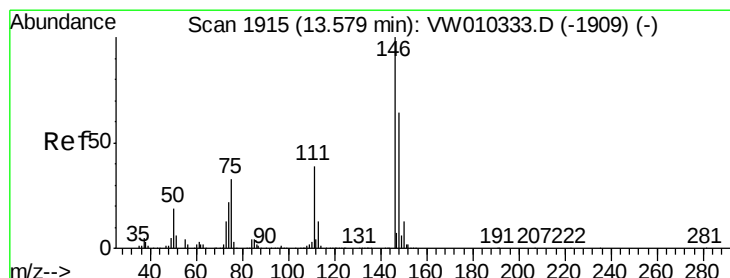
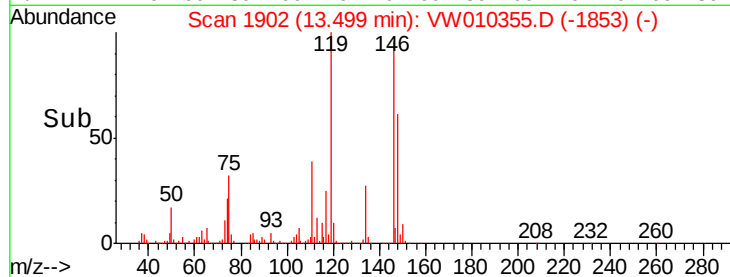
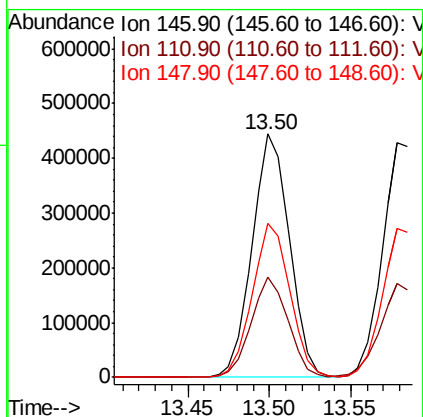
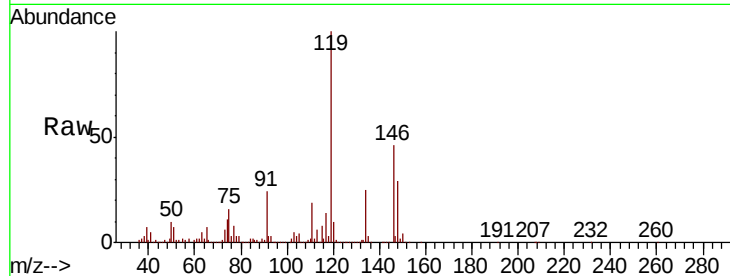




#87
 1,3-Dichlorobenzene
 Concen: 21.775 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

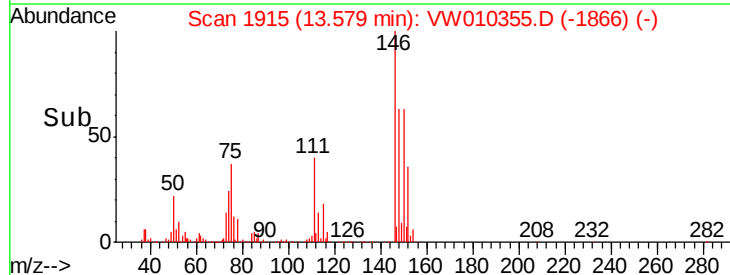
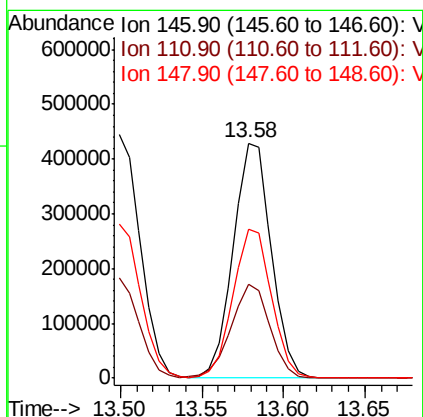
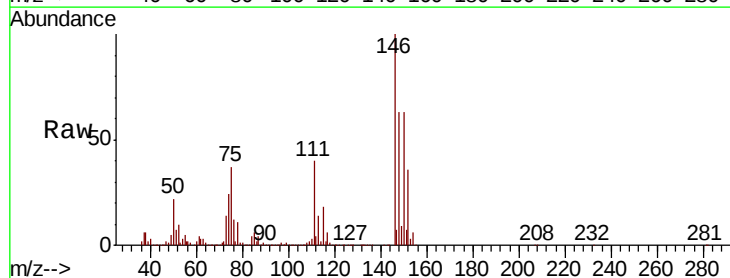
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

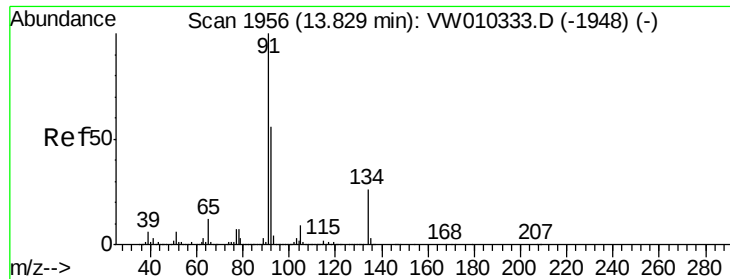
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	63.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.535 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.3
148	64.3	31.8	95.3

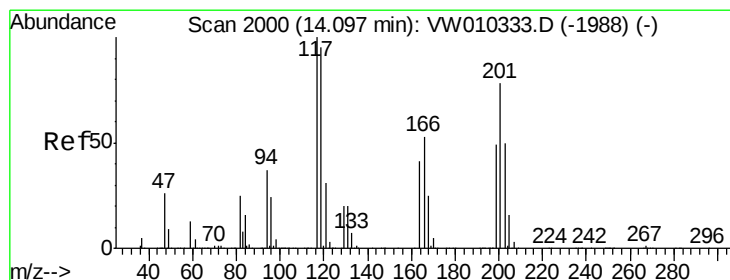
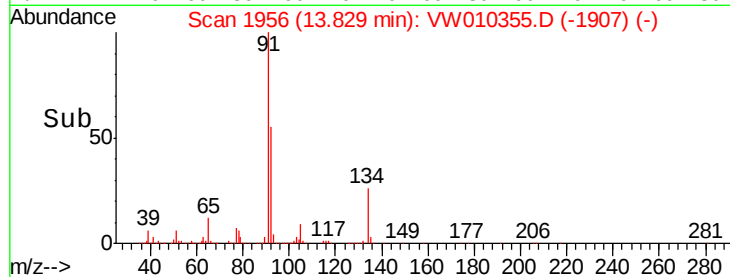
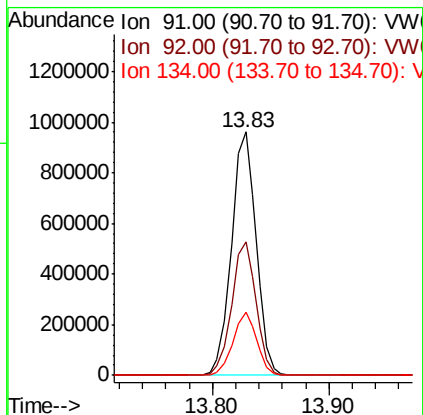
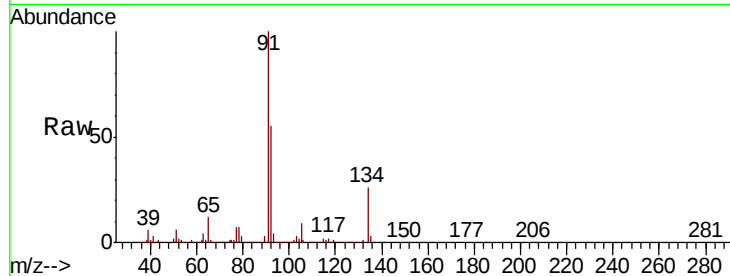




#89
n-Butylbenzene
Concen: 21.199 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

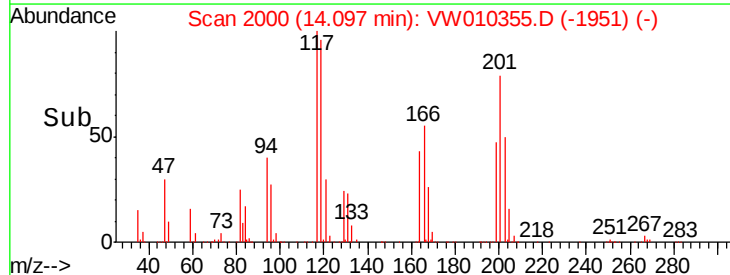
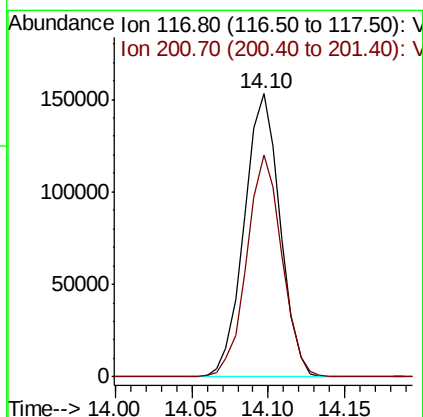
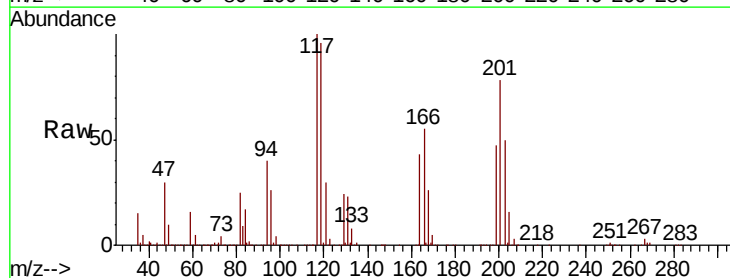
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

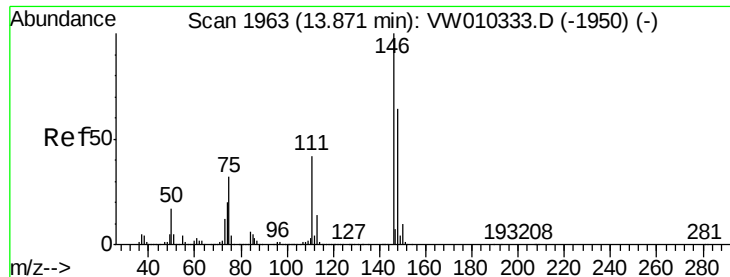
Tgt Ion: 91 Resp: 1414839
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 25.0 12.4 37.0



#90
Hexachloroethane
Concen: 20.108 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion: 117 Resp: 248244
Ion Ratio Lower Upper
117 100
201 77.3 36.1 108.3

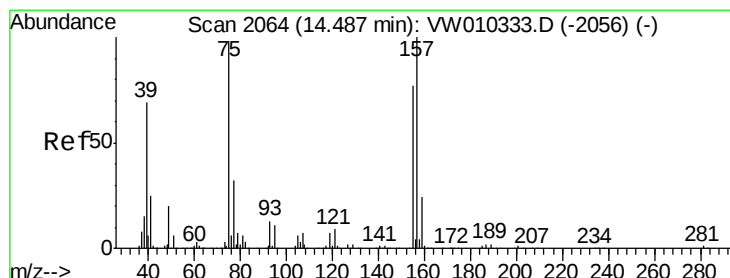
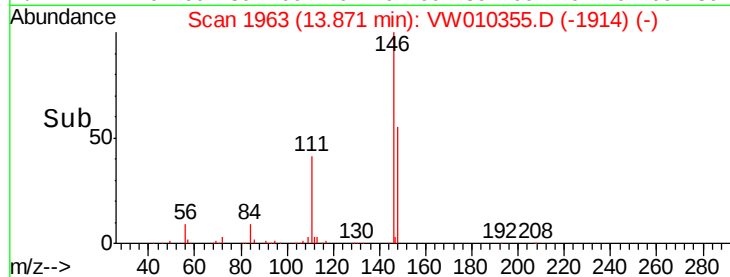
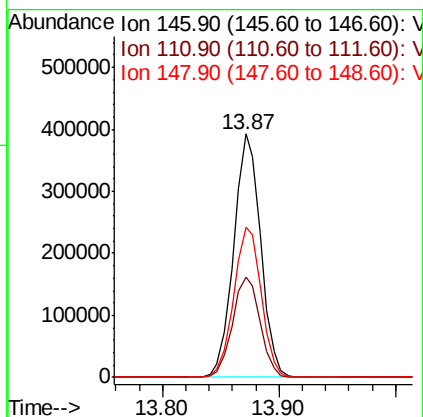
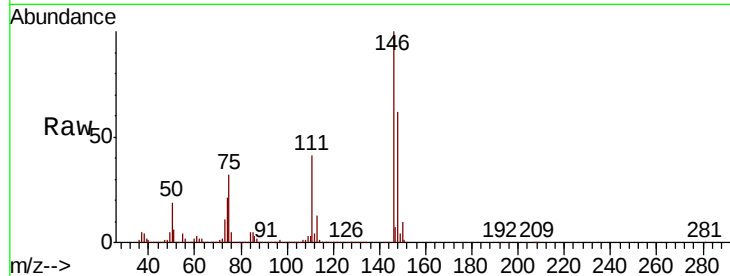




#91
 1,2-Dichlorobenzene
 Concen: 21.921 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

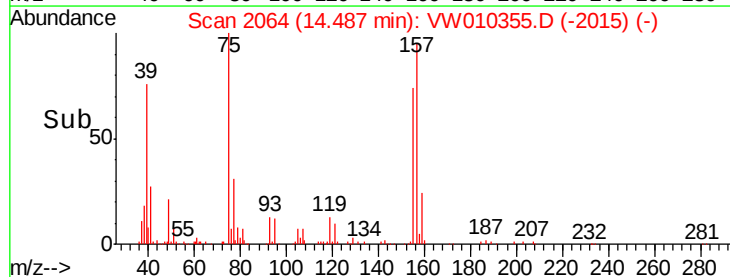
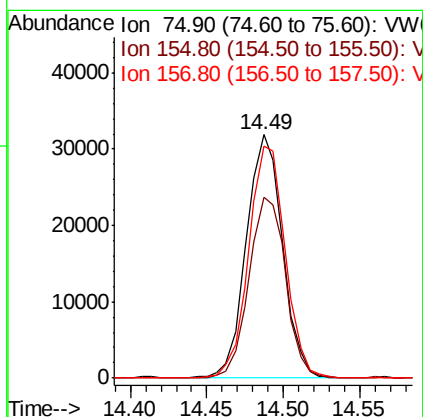
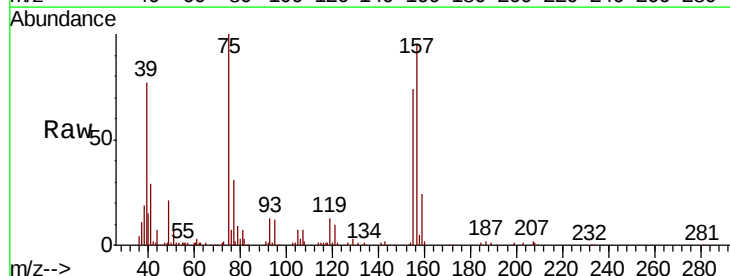
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

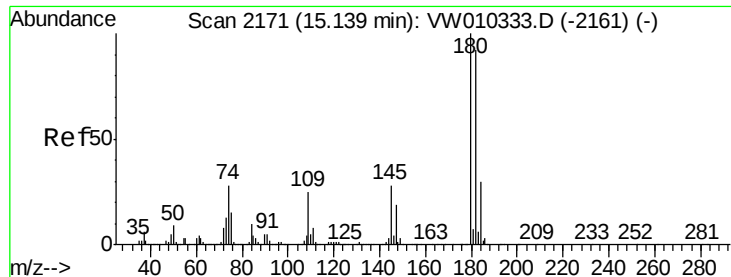
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.9	62.8
148	63.0	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.364 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.2	37.1	111.5
157	96.2	47.3	141.9

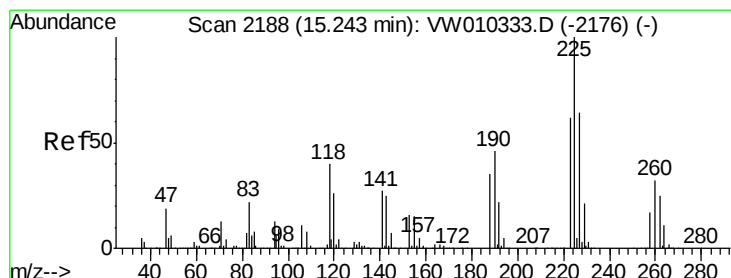
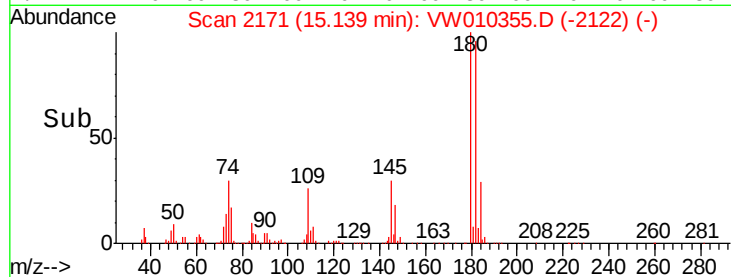
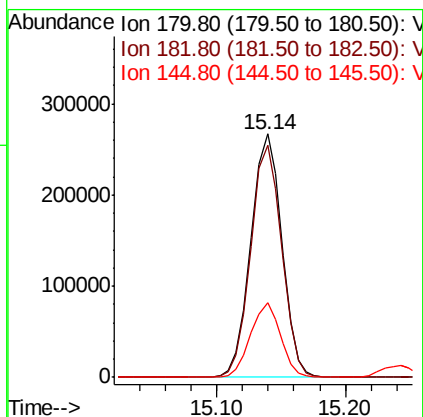
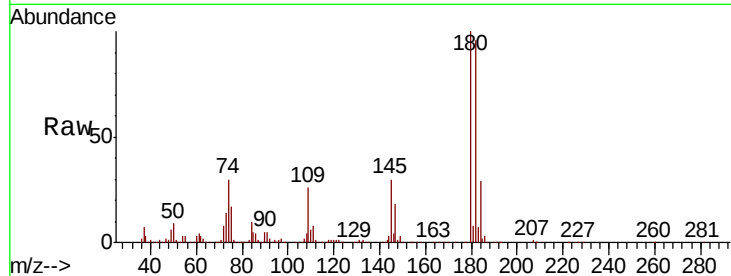




#93
 1,2,4-Trichlorobenzene
 Concen: 22.488 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

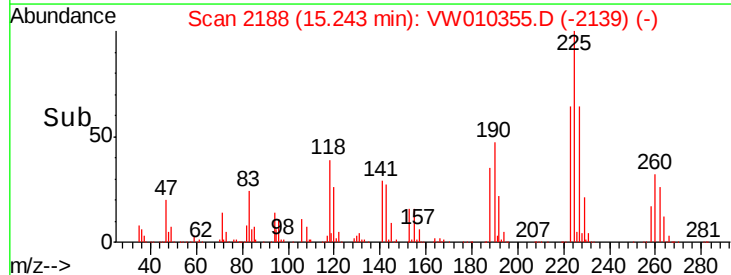
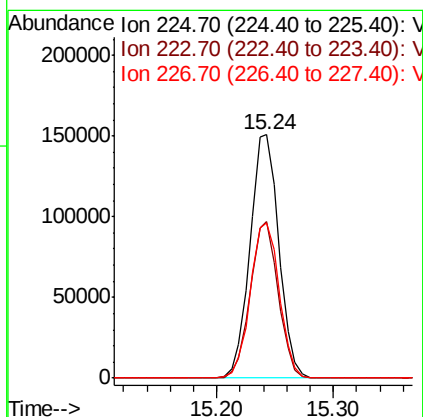
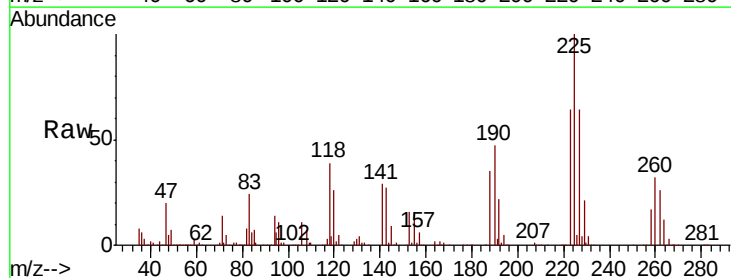
Instrument :
 MSVOA_W
 ClientSampled :
 VW0510SBSD01

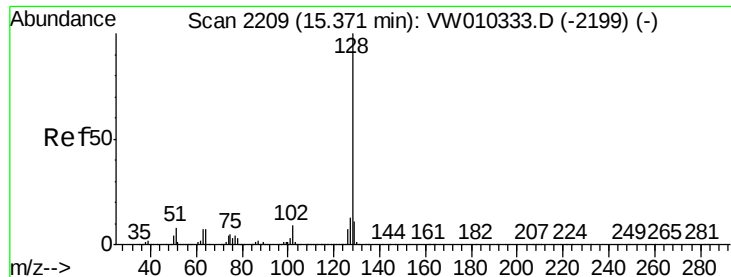
Tgt Ion:180 Resp: 442382
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.1 141.4
 145 29.7 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.666 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010355.D
 Acq: 10 May 2019 14:43

Tgt Ion:225 Resp: 260630
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.9 95.5
 227 64.1 31.8 95.3

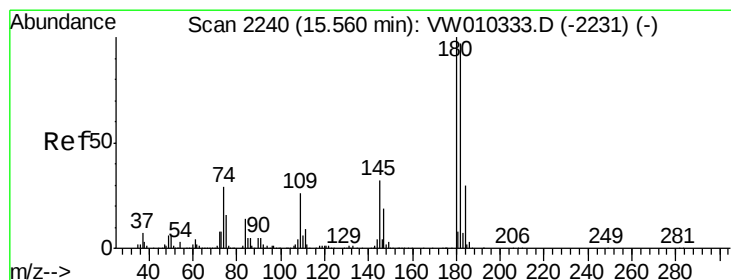
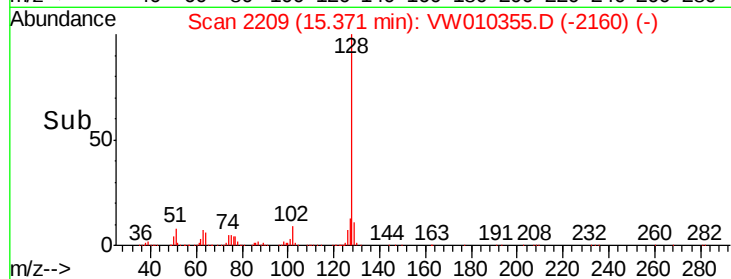
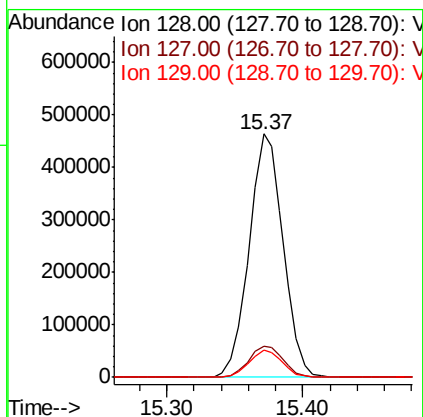
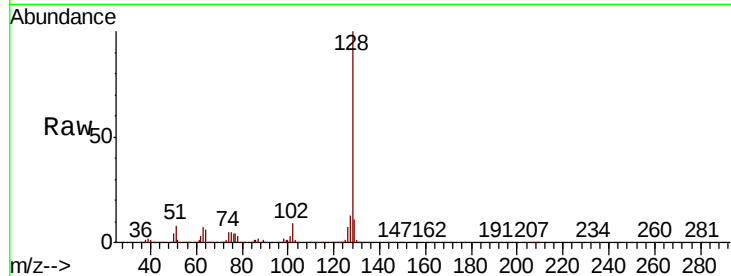




#95
Naphthalene
Concen: 20.368 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.951 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010355.D
Acq: 10 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	31.9	16.4	49.2

