

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051019\
 Data File : VW010353.D
 Acq On : 10 May 2019 13:46
 Operator : SY/VA
 Sample : VW0510SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

Quant Time: May 10 23:16:34 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	1335710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2111813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1878570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	930226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	707076	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.88	113	626860	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.32	98	2583098	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	912171	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	200768	19.844	ug/l 97
3) Chloromethane	2.21	50	266500	19.491	ug/l 98
4) Vinyl Chloride	2.36	62	344015	20.245	ug/l 99
5) Bromomethane	2.77	94	190855	19.477	ug/l 97
6) Chloroethane	2.92	64	199540	20.305	ug/l 99
7) Trichlorofluoromethane	3.25	101	164230	19.306	ug/l 97
8) Diethyl Ether	3.67	74	148967	19.920	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	282120	20.240	ug/l 97
10) Methyl Iodide	4.26	142	401556	20.343	ug/l 94
11) Tert butyl alcohol	5.17	59	80363	80.135	ug/l 98
12) 1,1-Dichloroethene	4.03	96	306045	21.012	ug/l 91
13) Acrolein	3.88	56	112839	85.224	ug/l 100
14) Allyl chloride	4.65	41	442264	20.342	ug/l 93
15) Acrylonitrile	5.36	53	355561	85.782	ug/l 99
16) Acetone	4.12	43	313261	84.621	ug/l 96
17) Carbon Disulfide	4.37	76	885468	20.101	ug/l 99
18) Methyl Acetate	4.67	43	157723	17.201	ug/l 95
19) Methyl tert-butyl Ether	5.42	73	337132	19.444	ug/l 97
20) Methylene Chloride	4.91	84	349256	22.619	ug/l 92
21) trans-1,2-Dichloroethene	5.41	96	323887	20.659	ug/l 99
22) Diisopropyl ether	6.31	45	911339	21.598	ug/l 96
23) Vinyl Acetate	6.25	43	2886431	99.624	ug/l 96
24) 1,1-Dichloroethane	6.21	63	592978	20.873	ug/l 100
25) 2-Butanone	7.17	43	469283	82.865	ug/l 96
26) 2,2-Dichloropropane	7.16	77	307807	21.777	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	337337	20.922	ug/l 97
28) Bromochloromethane	7.51	49	249352	23.808	ug/l 98
29) Tetrahydrofuran	7.52	42	310324	84.718	ug/l 95
30) Chloroform	7.67	83	556861	20.945	ug/l 98
31) Cyclohexane	7.95	56	600979	20.661	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	441042	21.417	ug/l 100
36) 1,1-Dichloropropene	8.08	75	487462	21.289	ug/l 99
37) Ethyl Acetate	7.25	43	220701	18.103	ug/l 98
38) Carbon Tetrachloride	8.06	117	414000	21.092	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	586967	20.955	ug/l	98
40) Benzene	8.32	78	1327975	21.177	ug/l	99
41) Methacrylonitrile	7.48	41	124200	18.165	ug/l	95
42) 1,2-Dichloroethane	8.40	62	378136	21.066	ug/l	97
43) Isopropyl Acetate	8.42	43	366792	18.141	ug/l	96
44) Trichloroethene	9.09	130	323905	20.632	ug/l	99
45) 1,2-Dichloropropane	9.37	63	330837	21.224	ug/l	100
46) Dibromomethane	9.46	93	157583	19.569	ug/l	99
47) Bromodichloromethane	9.64	83	399841	20.699	ug/l	98
48) Methyl methacrylate	9.43	41	177993	18.618	ug/l	87
49) 1,4-Dioxane	9.45	88	48173	343.034	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	1039752	89.680	ug/l	95
52) Toluene	10.38	92	822463	21.458	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	394298	20.152	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	479915	20.711	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	225889	19.750	ug/l	99
56) Ethyl methacrylate	10.65	69	287562	19.039	ug/l #	87
57) 1,3-Dichloropropane	10.93	76	411346	20.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	748071	103.447	ug/l	99
59) 2-Hexanone	10.97	43	714144	87.119	ug/l	93
60) Dibromochloromethane	11.13	129	247261	20.090	ug/l	98
61) 1,2-Dibromoethane	11.23	107	217073	19.770	ug/l	99
64) Tetrachloroethene	10.86	164	270619	20.611	ug/l	98
65) Chlorobenzene	11.66	112	820702	21.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	273433	20.804	ug/l	97
67) Ethyl Benzene	11.73	91	1556035	21.751	ug/l	98
68) m/p-Xylenes	11.84	106	1160523	43.662	ug/l	100
69) o-Xylene	12.16	106	520075	21.630	ug/l	97
70) Styrene	12.18	104	905232	21.607	ug/l	99
71) Bromoform	12.35	173	138977	18.497	ug/l #	98
73) Isopropylbenzene	12.47	105	1488953	21.960	ug/l	100
74) N-amyl acetate	12.27	43	331271	18.911	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	278256	18.625	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	362323	33.407	ug/l #	100
77) Bromobenzene	12.75	156	317921	20.766	ug/l	97
78) n-propylbenzene	12.80	91	1862853	22.245	ug/l	100
79) 2-Chlorotoluene	12.90	91	1038628	21.778	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1267268	22.170	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	85173	17.735	ug/l	96
82) 4-Chlorotoluene	12.99	91	1090258	21.819	ug/l	98
83) tert-Butylbenzene	13.21	119	1032849	21.663	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1266648	22.299	ug/l	99
85) sec-Butylbenzene	13.39	105	1543003	21.922	ug/l	100
86) p-Isopropyltoluene	13.50	119	1383898	22.145	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	646686	21.153	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	645857	21.288	ug/l	100
89) n-Butylbenzene	13.83	91	1375849	21.957	ug/l	99
90) Hexachloroethane	14.10	117	238421	20.570	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	572203	21.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	45649	16.968	ug/l	94

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QLast Update : Fri May 10 03:41:21 2019
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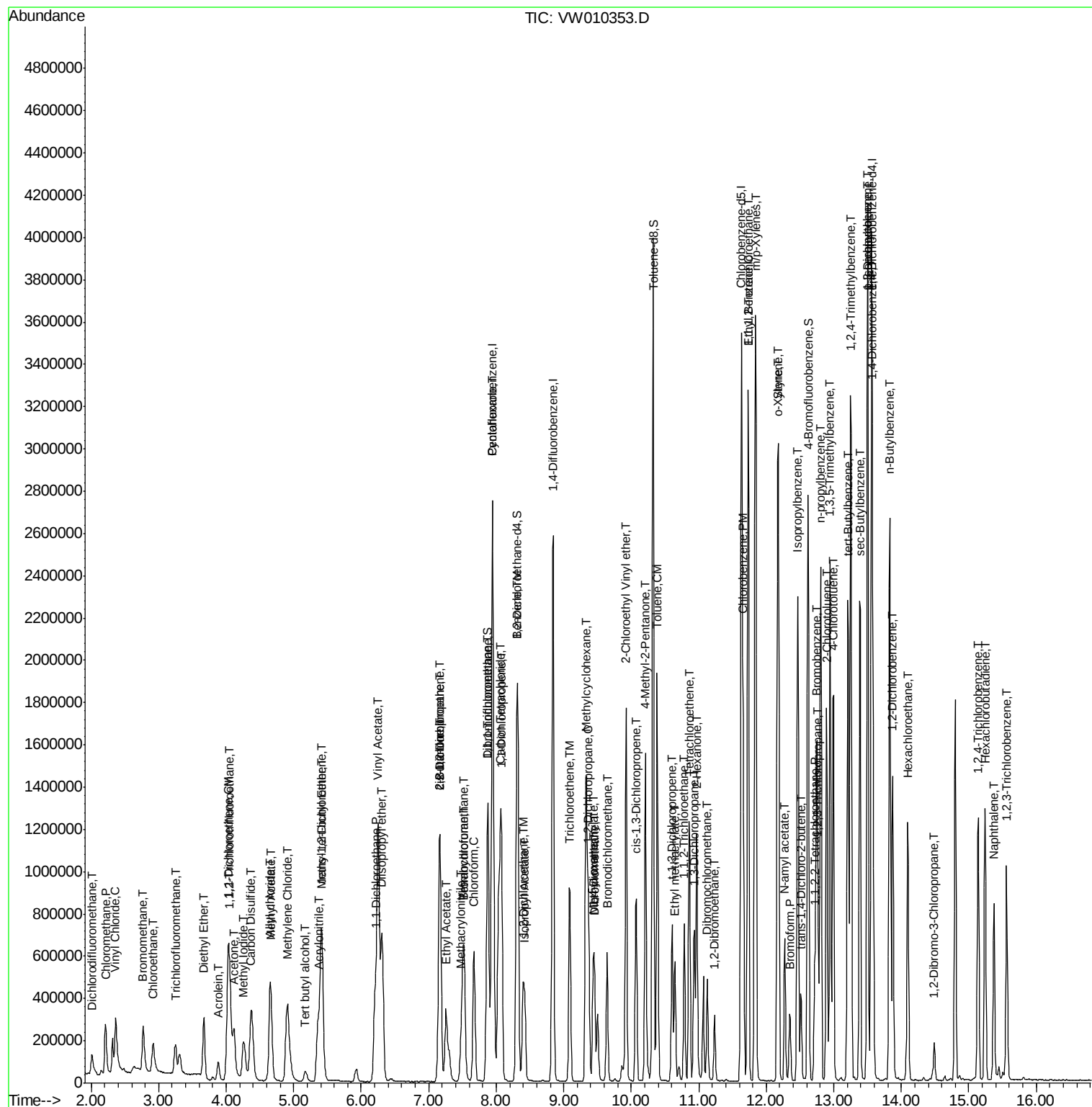
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	393818	21.322	ug/l	99
94) Hexachlorobutadiene	15.24	225	252154	21.296	ug/l	99
95) Naphthalene	15.37	128	709353	19.198	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	343295	20.575	ug/l	99

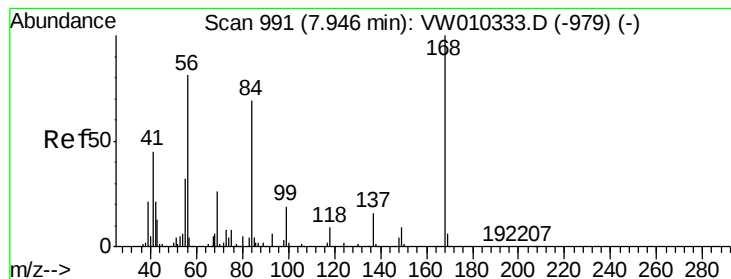
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

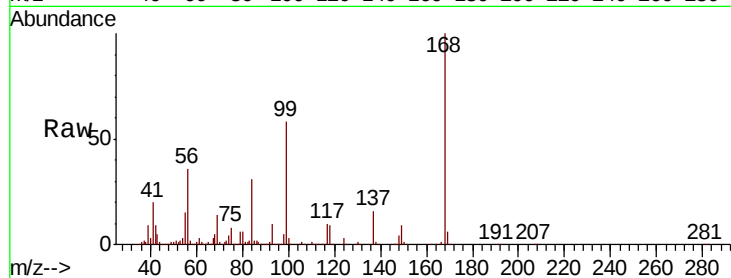
VW0510SBS01

Tgt Ion:168 Resp: 1335710

Ion Ratio Lower Upper

168 100

99 58.0 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

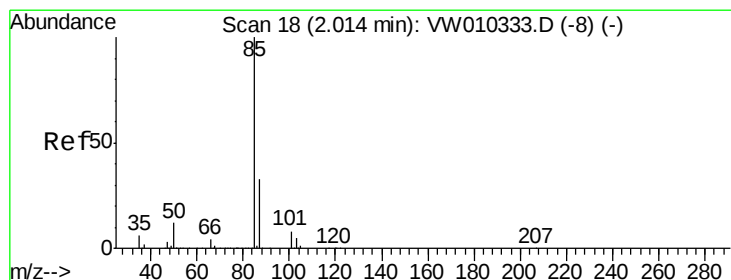
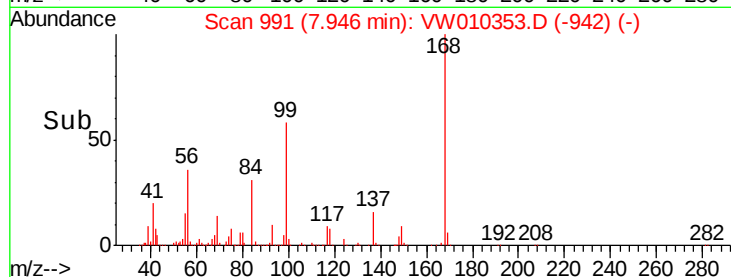
400000

200000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.844 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010353.D

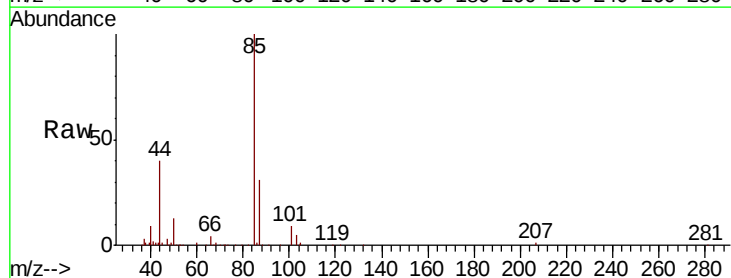
Acq: 10 May 2019 13:46

Tgt Ion: 85 Resp: 200768

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

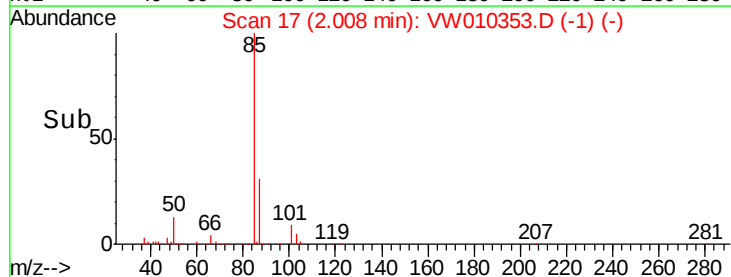
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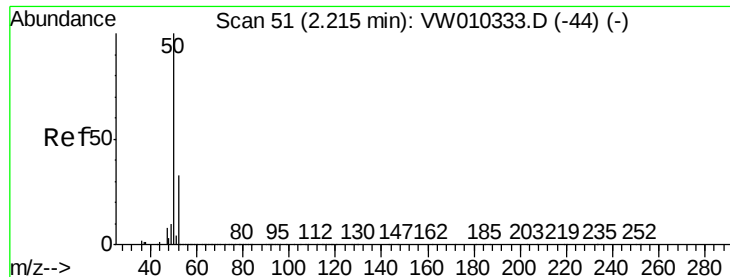
20000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 19.491 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

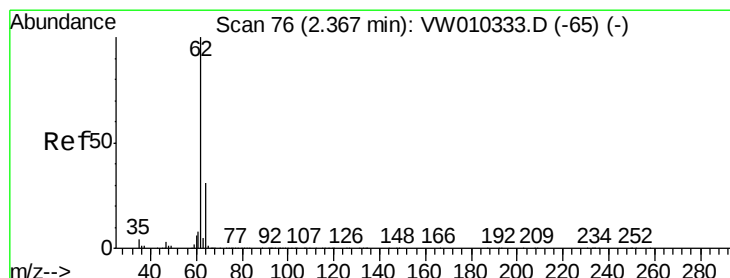
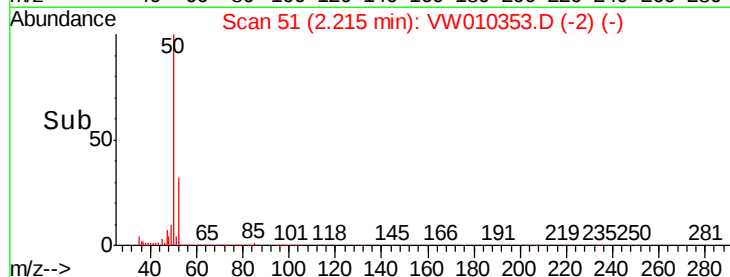
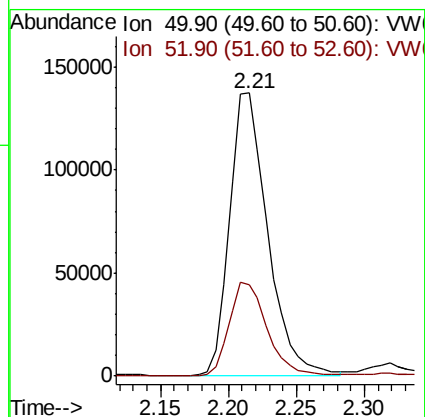
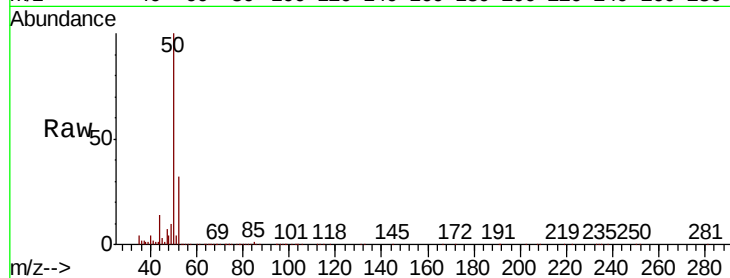
VW0510SBS01

Tgt Ion: 50 Resp: 266500

Ion Ratio Lower Upper

50 100

52 32.3 25.0 37.6



#4

Vinyl Chloride

Concen: 20.245 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW010353.D

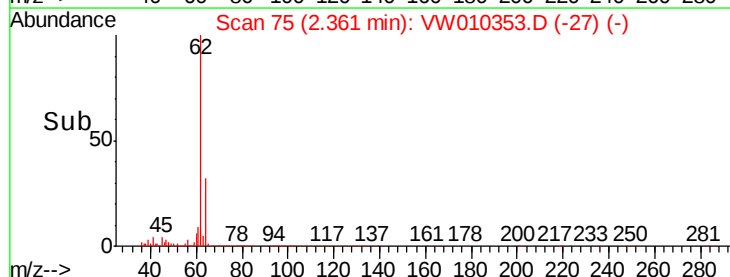
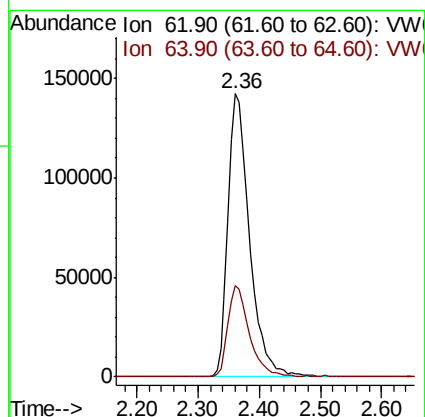
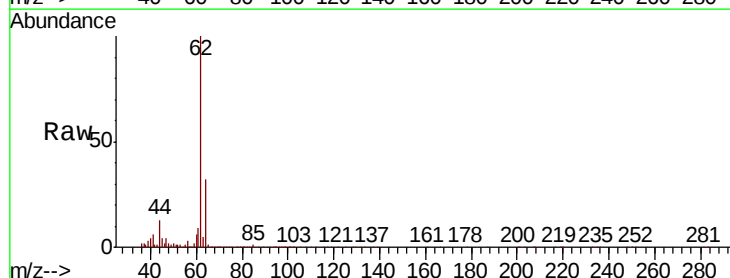
Acq: 10 May 2019 13:46

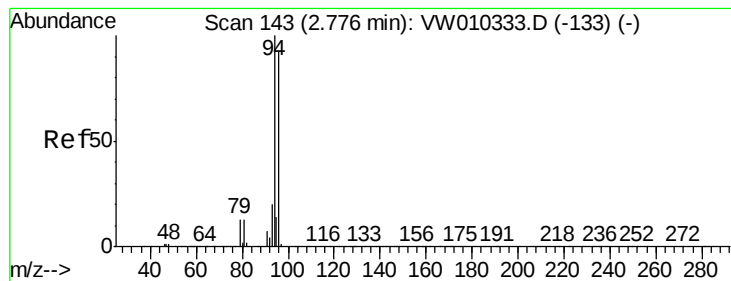
Tgt Ion: 62 Resp: 344015

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 19.477 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

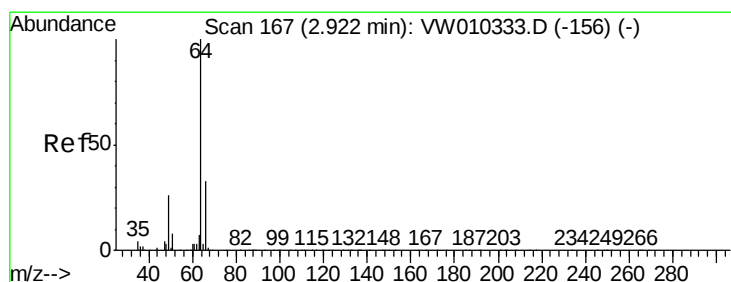
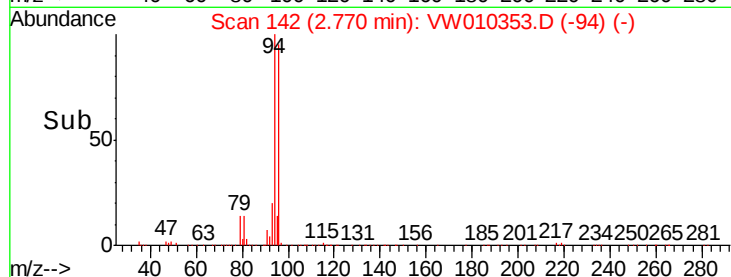
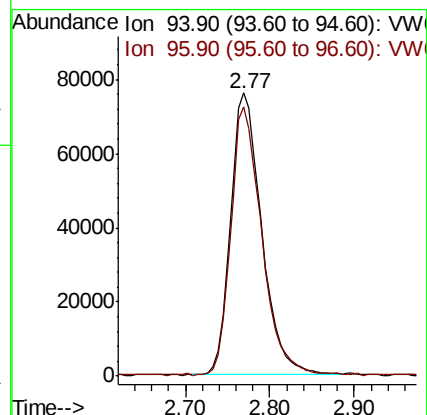
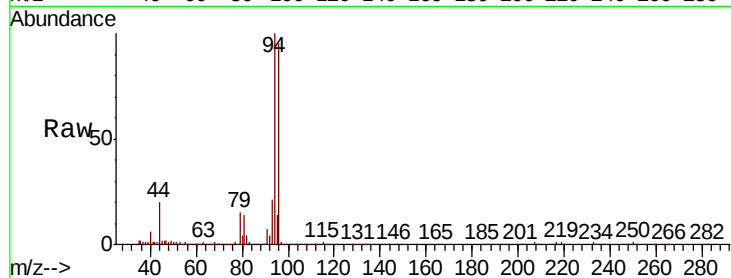
VW0510SBS01

Tgt Ion: 94 Resp: 190855

Ion Ratio Lower Upper

94 100

96 95.2 74.2 111.2



#6

Chloroethane

Concen: 20.305 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010353.D

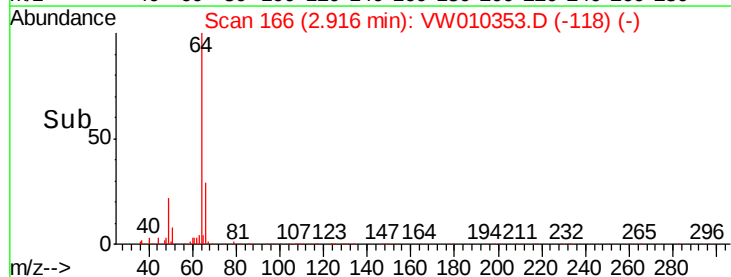
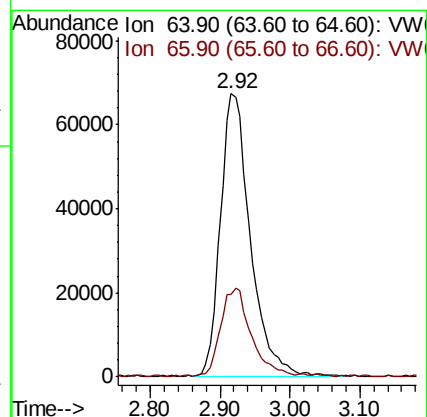
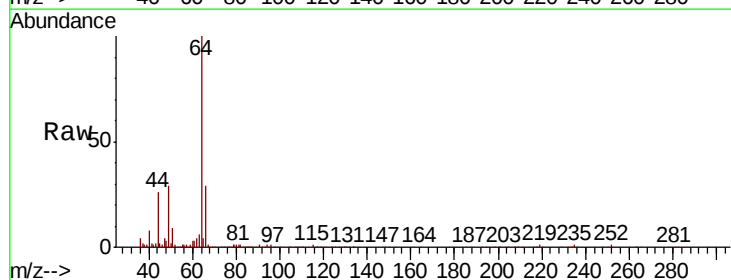
Acq: 10 May 2019 13:46

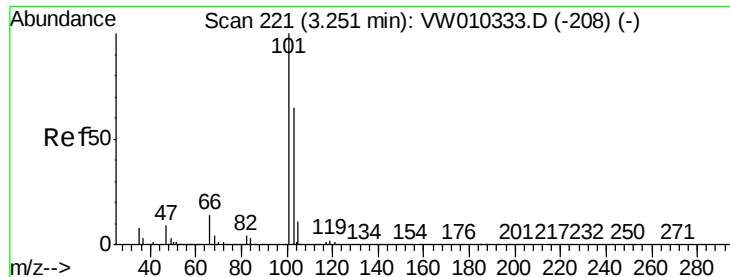
Tgt Ion: 64 Resp: 199540

Ion Ratio Lower Upper

64 100

66 28.7 23.4 35.0



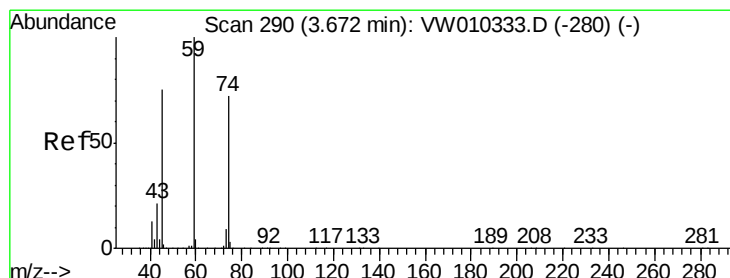
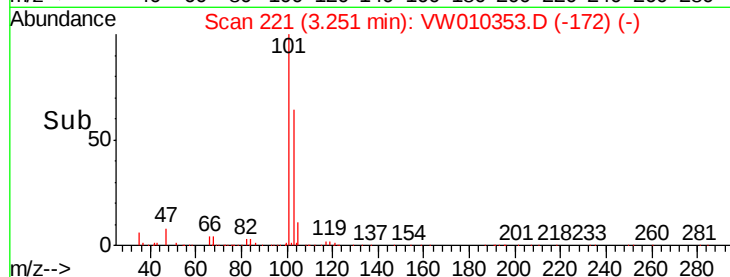
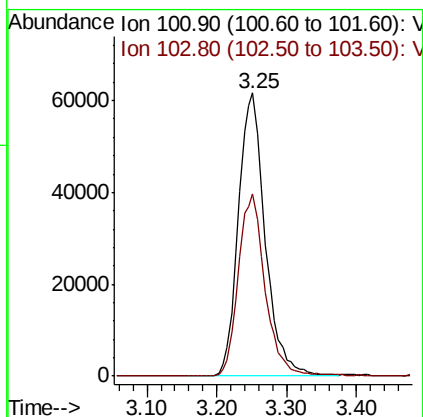
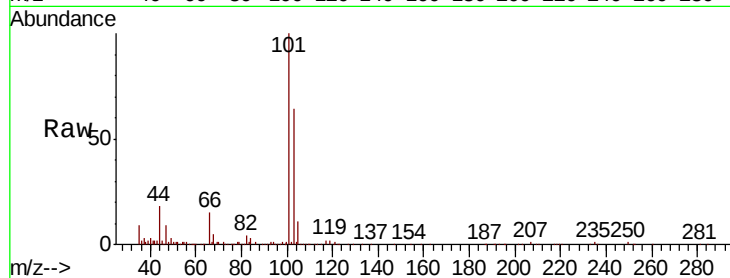


#7

Trichlorofluoromethane
 Concen: 19.306 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Instrument :
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 VW0510SBS01

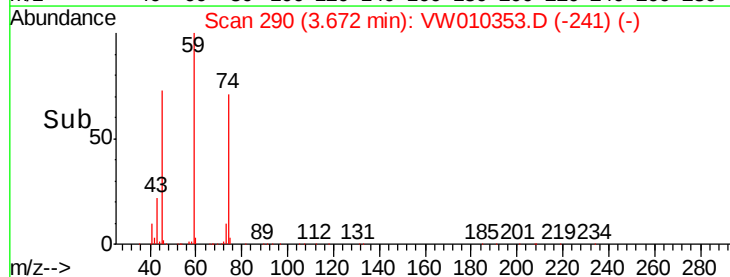
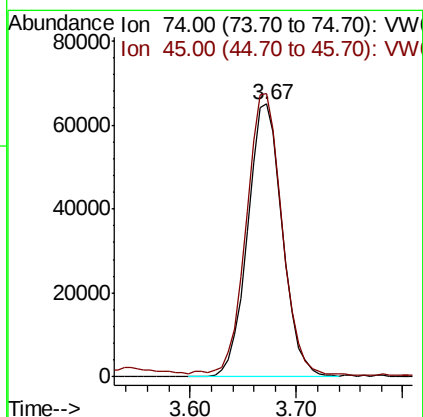
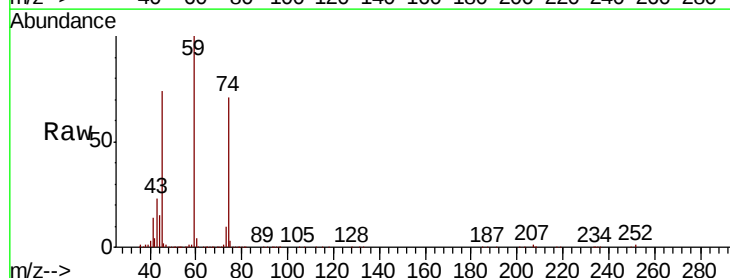
Tgt Ion:101 Resp: 164230
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.8 74.6

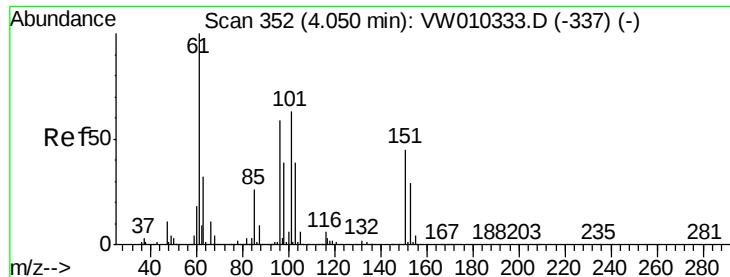


#8

Diethyl Ether
 Concen: 19.920 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion: 74 Resp: 148967
 Ion Ratio Lower Upper
 74 100
 45 106.7 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.240 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

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VW0510SBS01

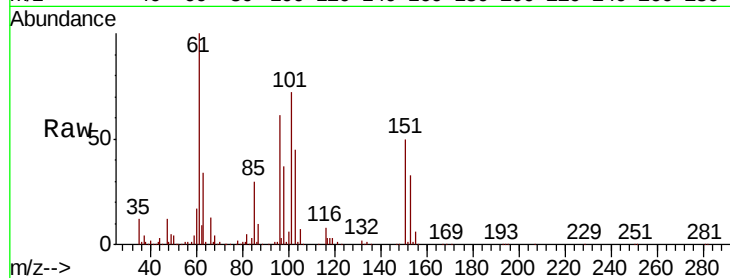
Tgt Ion:101 Resp: 282120

Ion Ratio Lower Upper

101 100

85 43.9 36.3 54.5

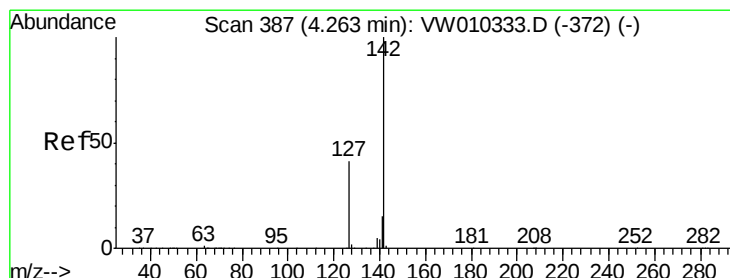
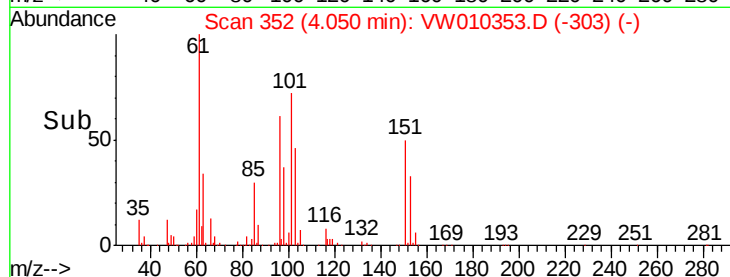
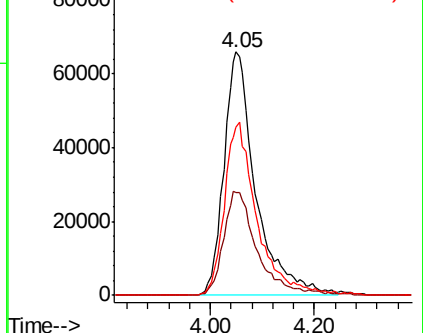
151 72.5 60.2 90.2



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: 20.343 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

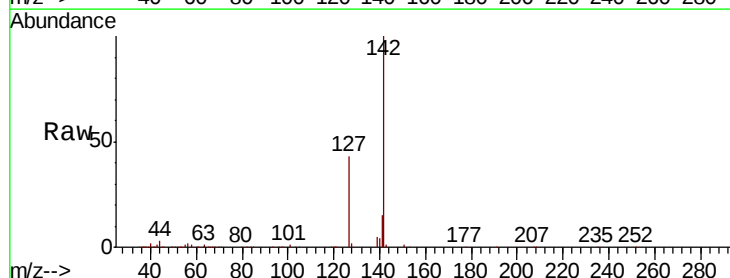
Tgt Ion:142 Resp: 401556

Ion Ratio Lower Upper

142 100

127 42.6 38.1 57.1

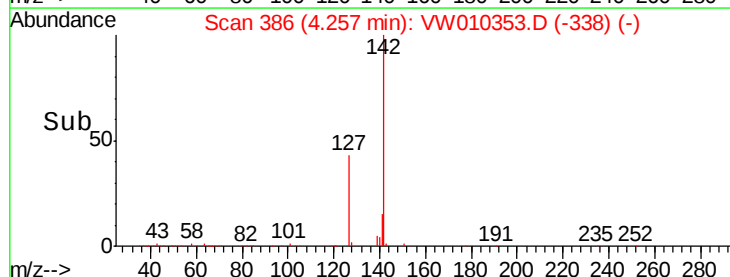
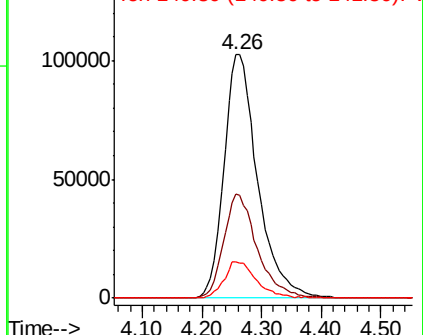
141 14.6 12.2 18.2

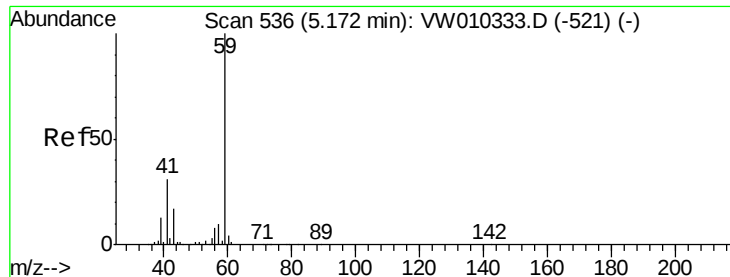


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

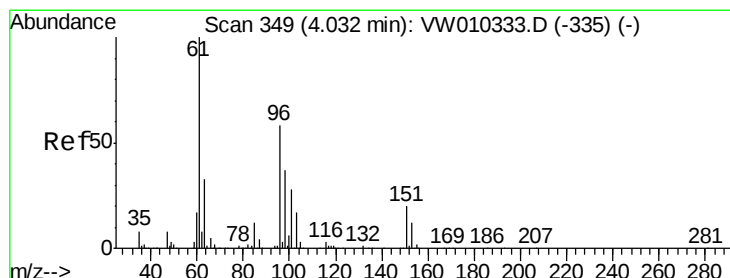
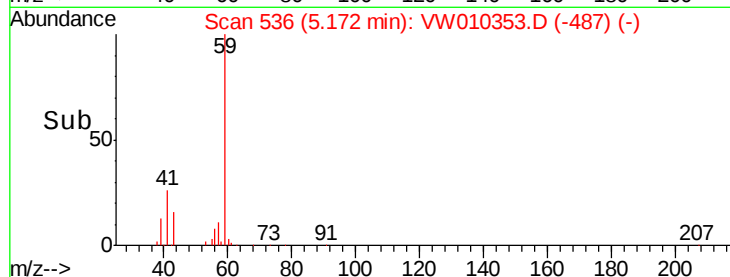
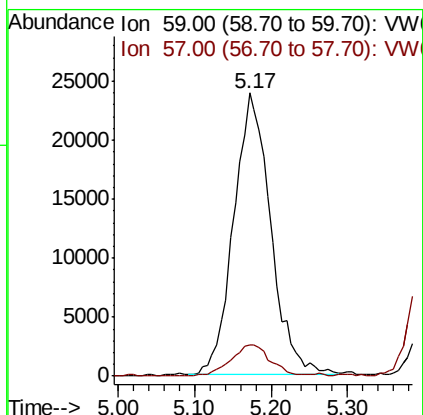
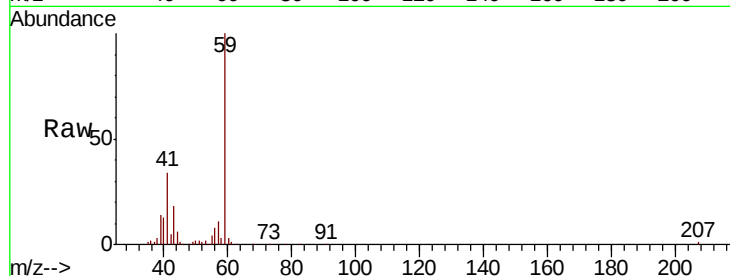




#11
Tert butyl alcohol
Concen: 80.135 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

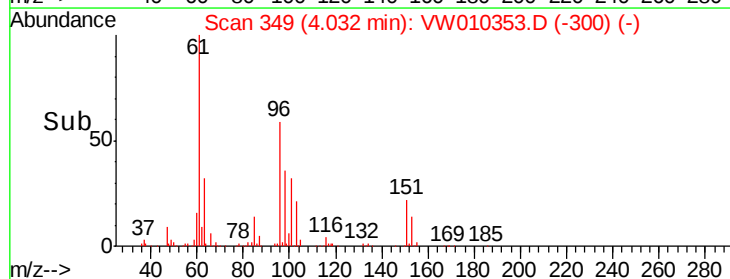
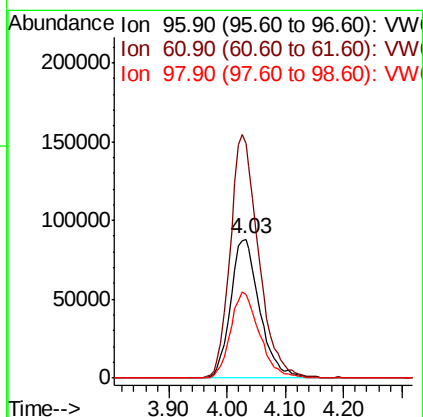
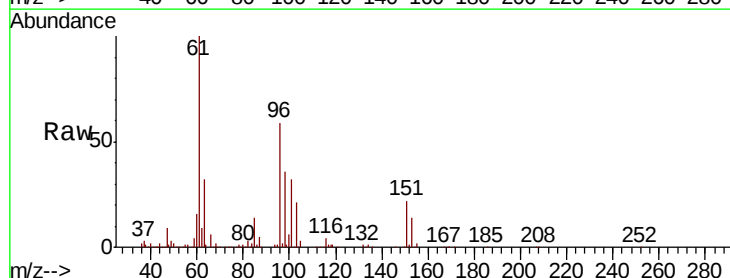
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

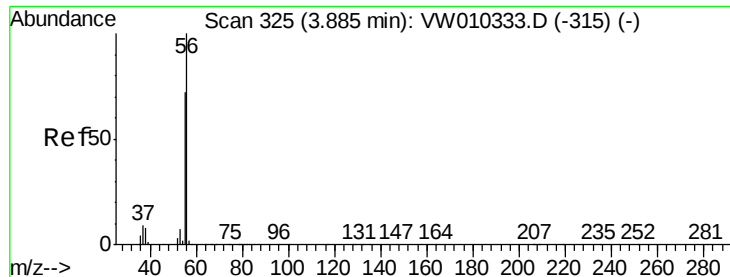
Tgt Ion: 59 Resp: 80363
Ion Ratio Lower Upper
59 100
57 12.1 9.0 13.4



#12
1,1-Dichloroethene
Concen: 21.012 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 96 Resp: 306045
Ion Ratio Lower Upper
96 100
61 168.5 147.4 221.2
98 60.2 49.7 74.5

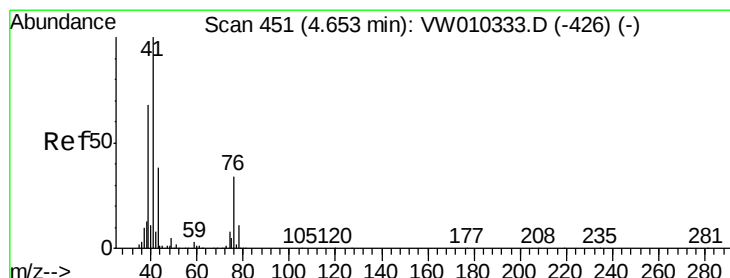
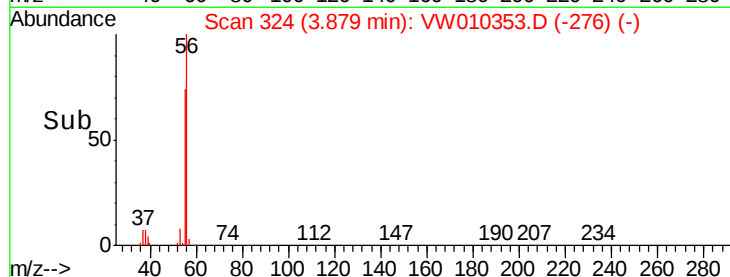
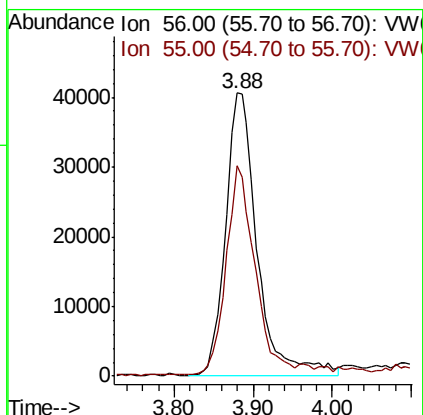
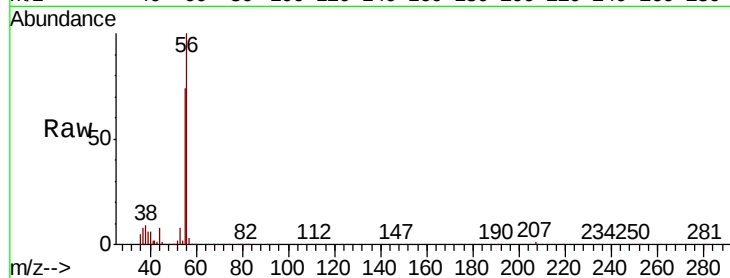




#13
Acrolein
Concen: 85.224 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

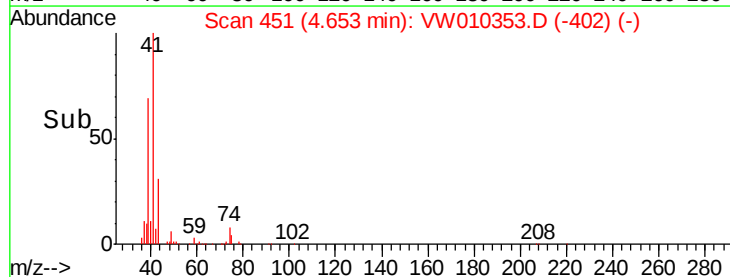
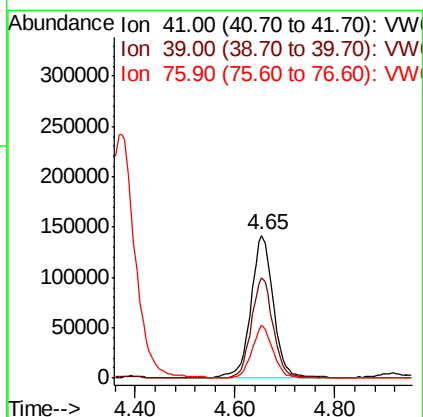
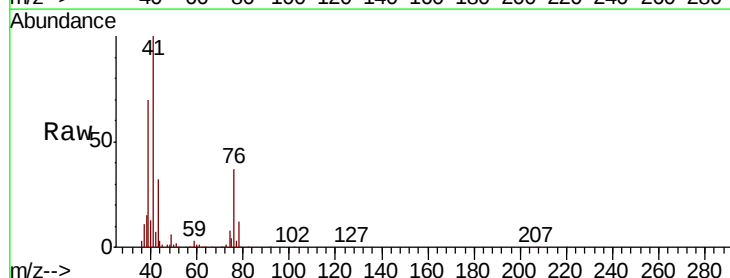
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

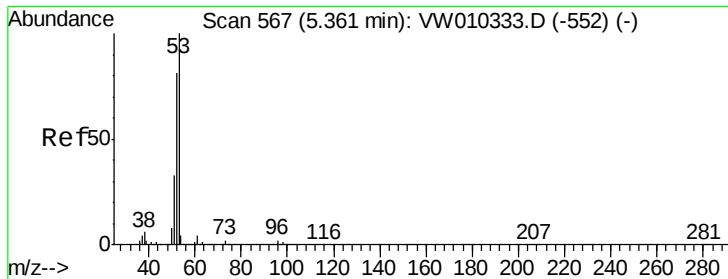
Tgt Ion: 56 Resp: 112839
Ion Ratio Lower Upper
56 100
55 67.9 54.2 81.2



#14
Allyl chloride
Concen: 20.342 ug/l
RT: 4.65 min Scan# 451
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 41 Resp: 442264
Ion Ratio Lower Upper
41 100
39 68.1 60.2 90.4
76 33.0 25.0 37.6





#15

Acrylonitrile

Concen: 85.782 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

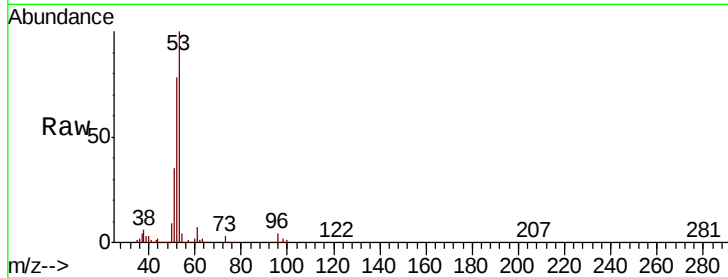
Tgt Ion: 53 Resp: 355561

Ion Ratio Lower Upper

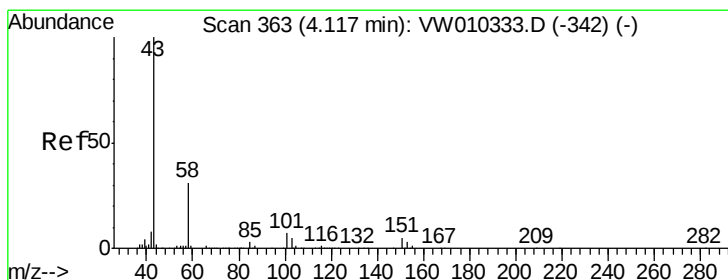
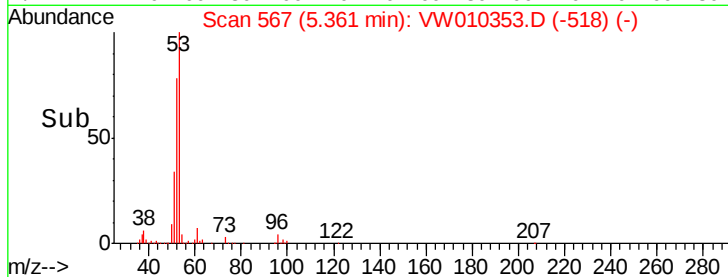
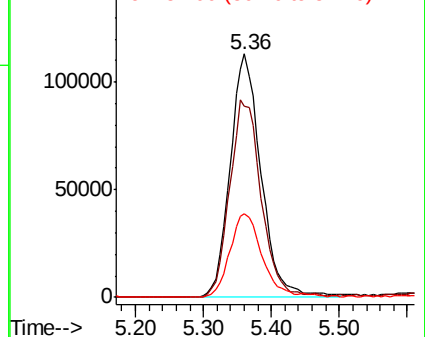
53 100

52 82.5 66.6 100.0

51 36.4 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 84.621 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010353.D

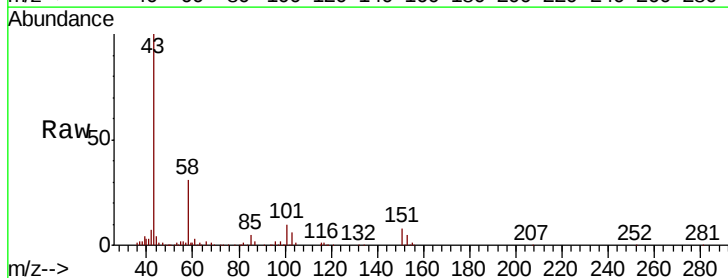
Acq: 10 May 2019 13:46

Tgt Ion: 43 Resp: 313261

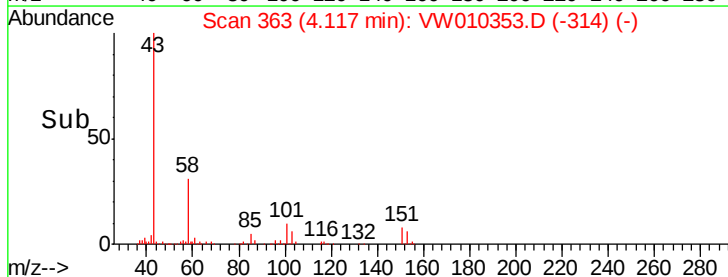
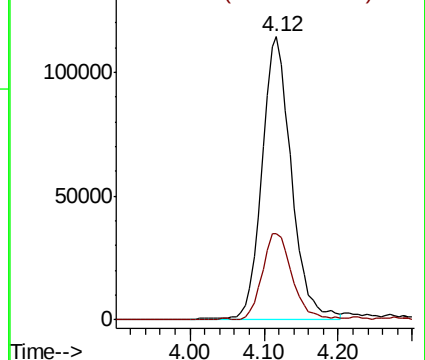
Ion Ratio Lower Upper

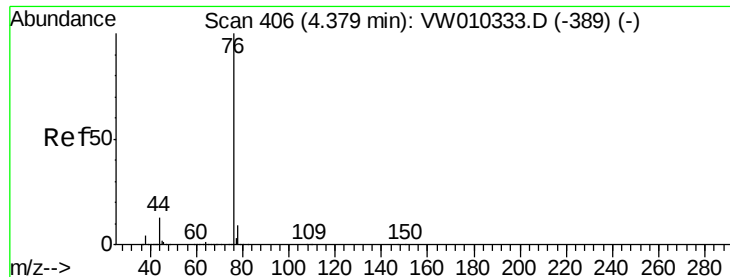
43 100

58 30.6 22.7 34.1



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

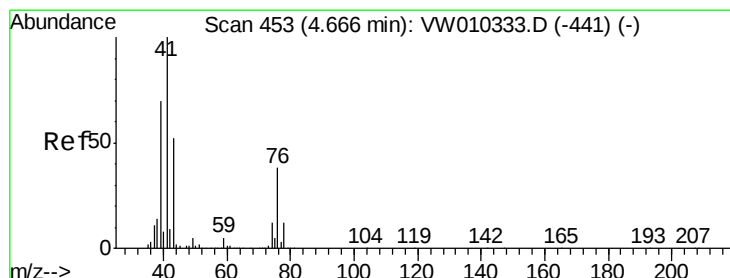
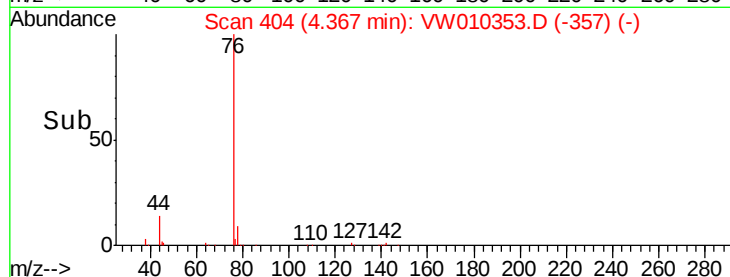
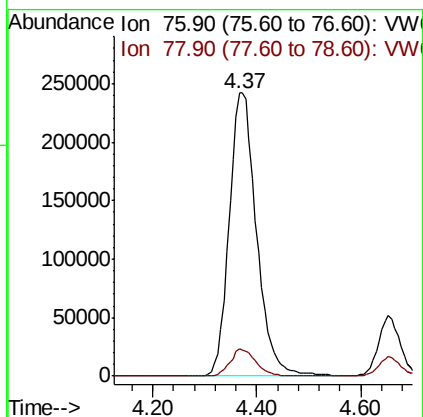
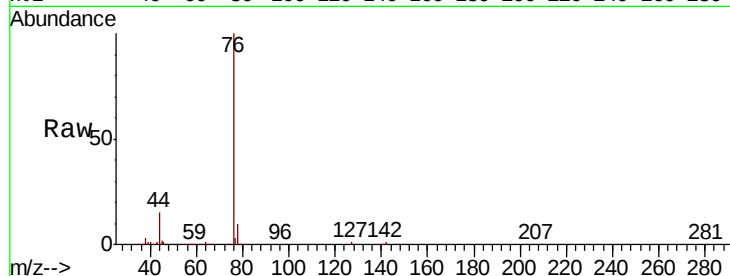




#17
Carbon Disulfide
Concen: 20.101 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

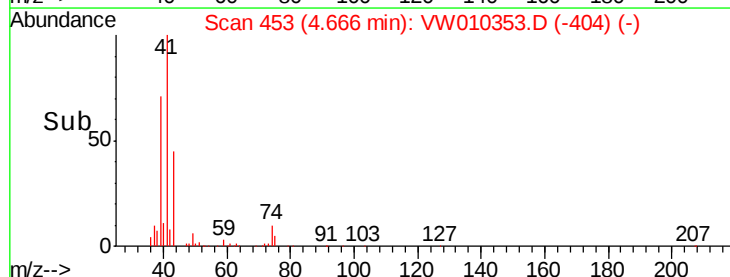
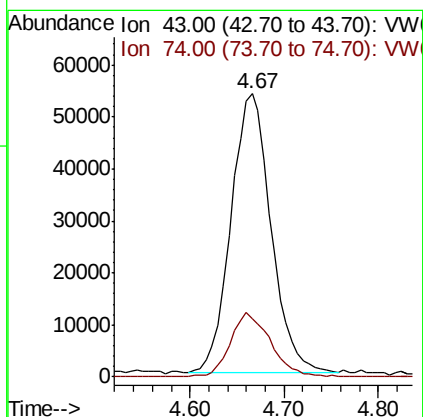
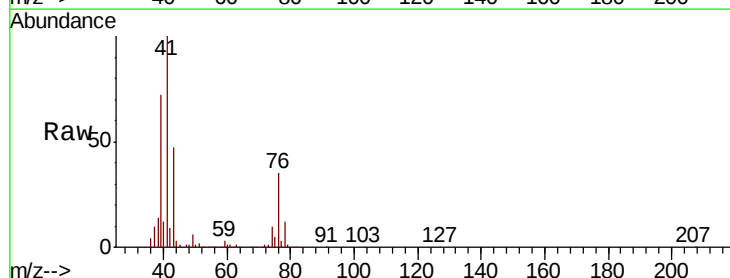
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

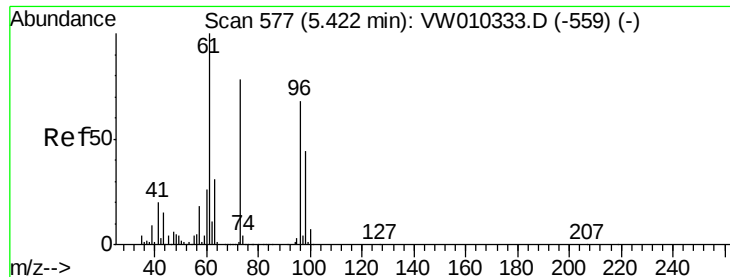
Tgt Ion: 76 Resp: 885468
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 17.201 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 43 Resp: 157723
Ion Ratio Lower Upper
43 100
74 23.3 16.8 25.2

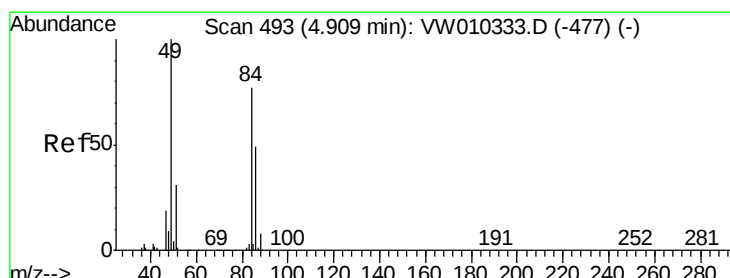
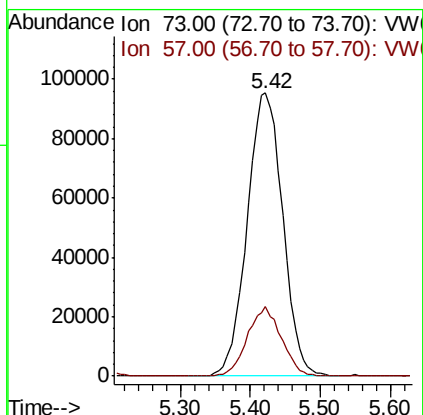
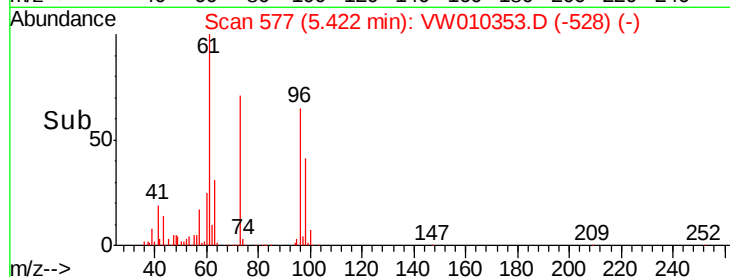
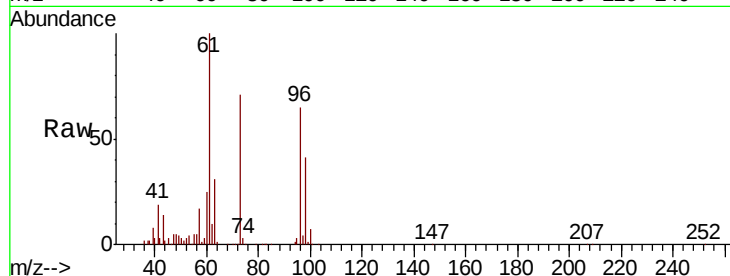




#19
Methyl tert-butyl Ether
Concen: 19.444 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

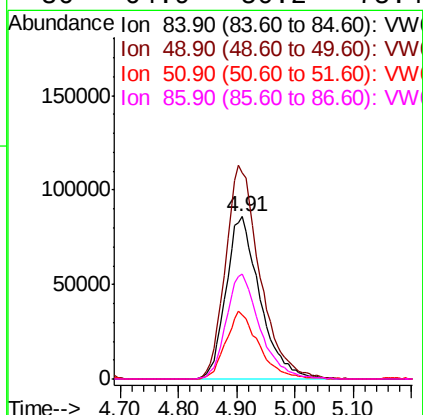
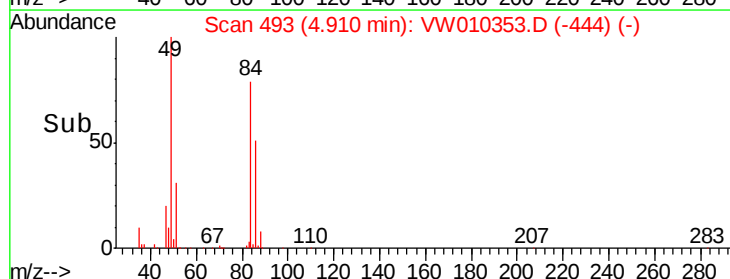
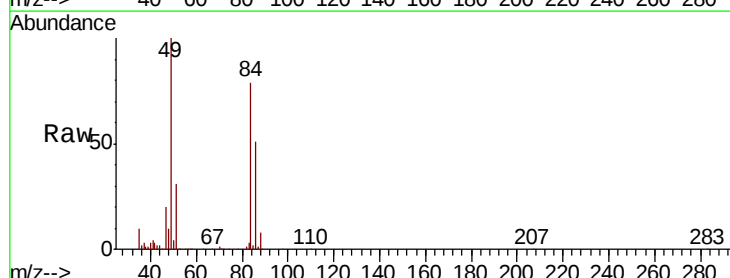
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

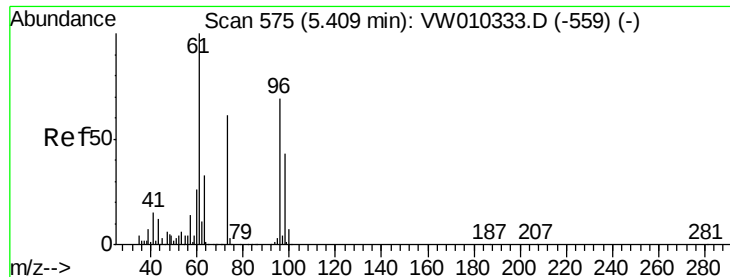
Tgt Ion: 73 Resp: 337132
Ion Ratio Lower Upper
73 100
57 24.6 18.5 27.7



#20
Methylene Chloride
Concen: 22.619 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 84 Resp: 349256
Ion Ratio Lower Upper
84 100
49 126.7 112.3 168.5
51 39.8 33.9 50.9
86 64.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.659 ug/l

RT: 5.41 min Scan# 575

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

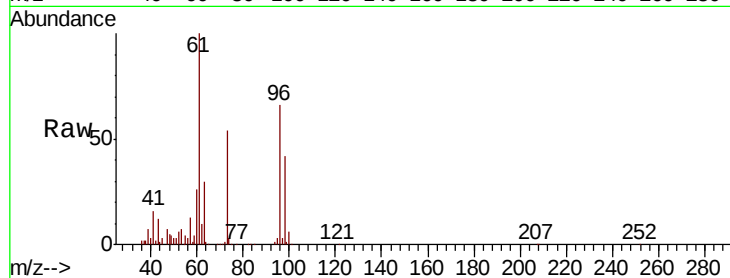
Tgt Ion: 96 Resp: 323887

Ion Ratio Lower Upper

96 100

61 151.6 122.3 183.5

98 63.4 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

200000

150000

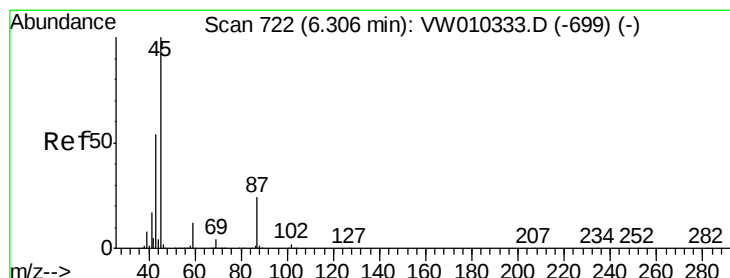
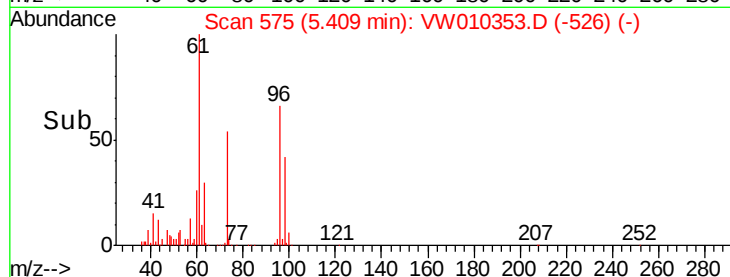
100000

50000

0

5.20 5.30 5.40 5.50 5.60

Time-->



#22

Diisopropyl ether

Concen: 21.598 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Tgt Ion: 45 Resp: 911339

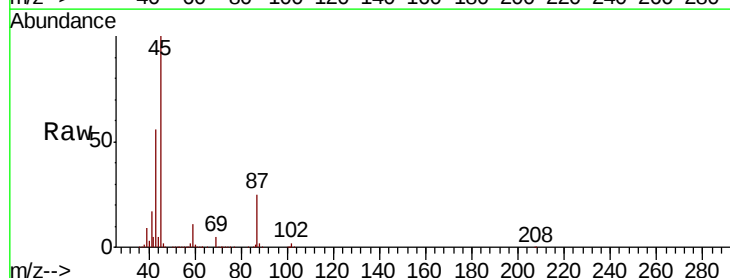
Ion Ratio Lower Upper

45 100

43 54.9 46.1 69.1

87 24.8 18.3 27.5

59 11.3 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

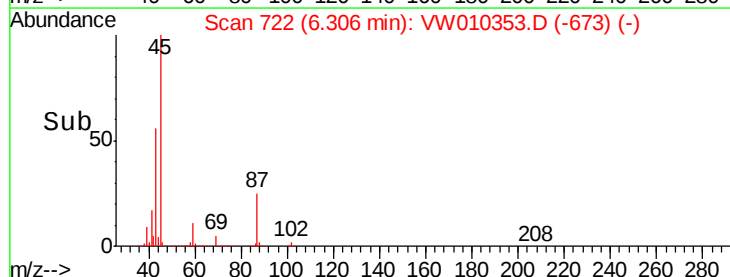
1000000

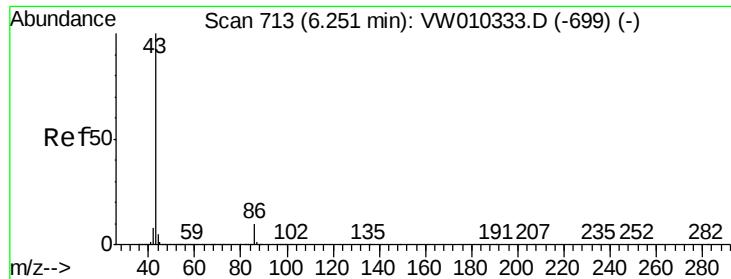
500000

0

6.10 6.20 6.30 6.40 6.50

Time-->

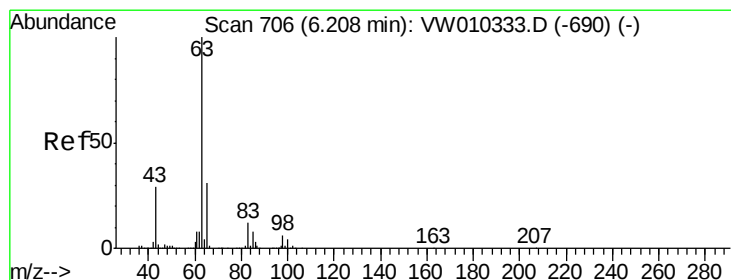
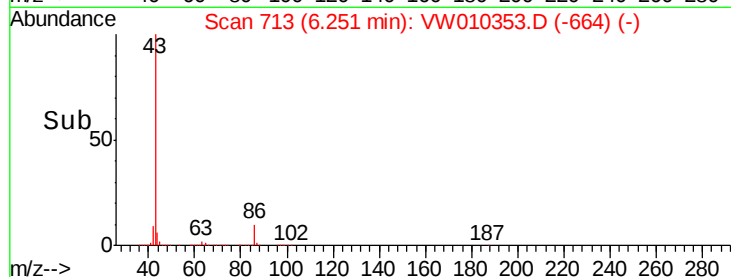
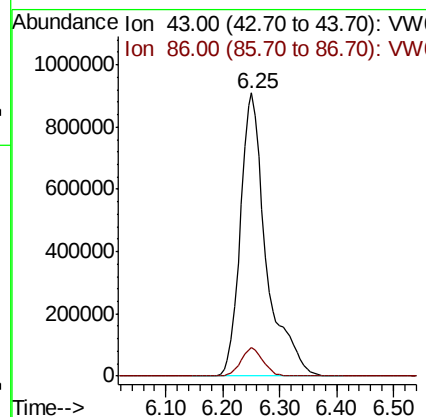
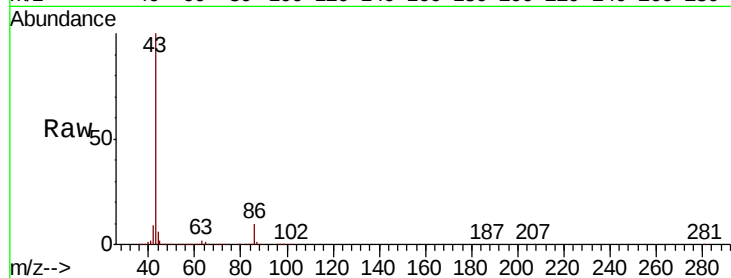




#23
 Vinyl Acetate
 Concen: 99.624 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

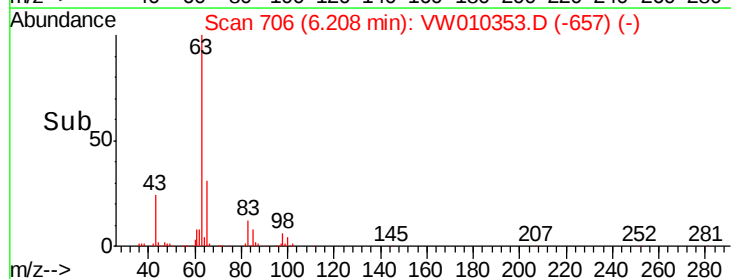
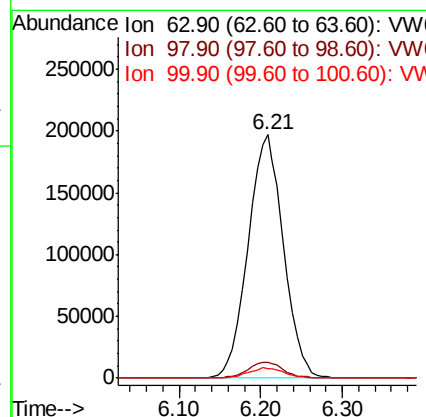
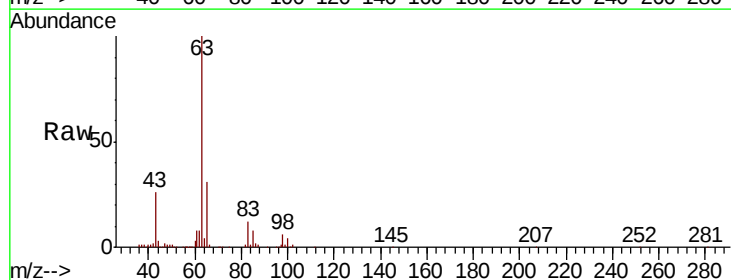
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

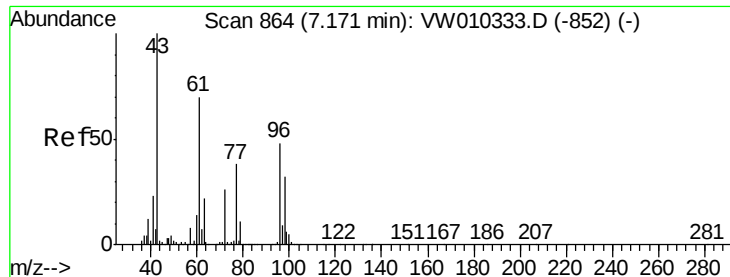
Tgt Ion: 43 Resp: 2886431
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.873 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion: 63 Resp: 592978
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 82.865 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

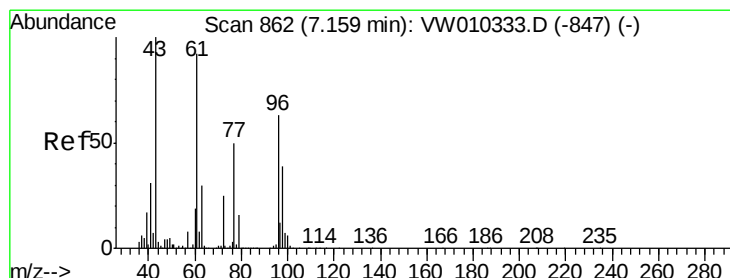
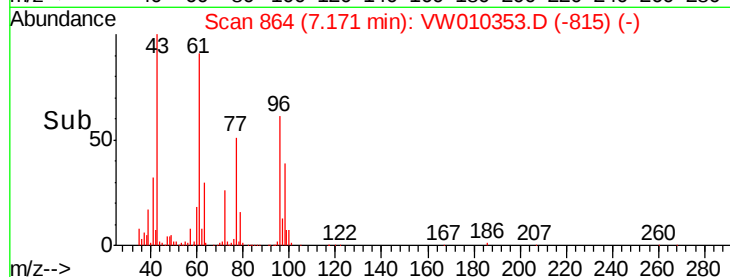
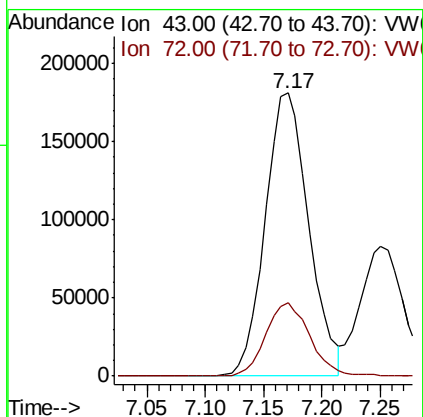
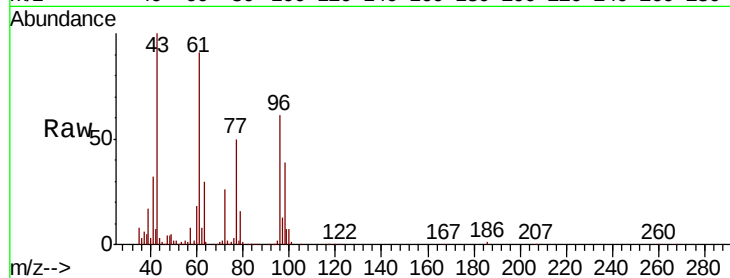
VW0510SBS01

Tgt Ion: 43 Resp: 469283

Ion Ratio Lower Upper

43 100

72 26.0 19.1 28.7



#26

2,2-Dichloropropane

Concen: 21.777 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW010353.D

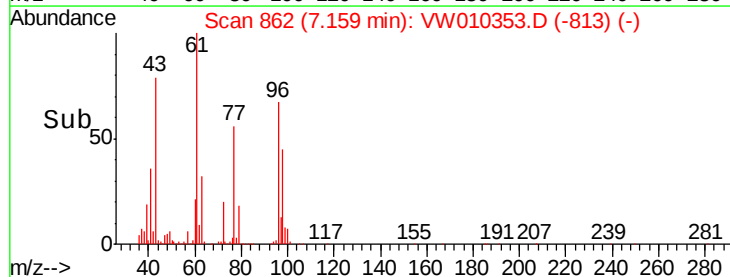
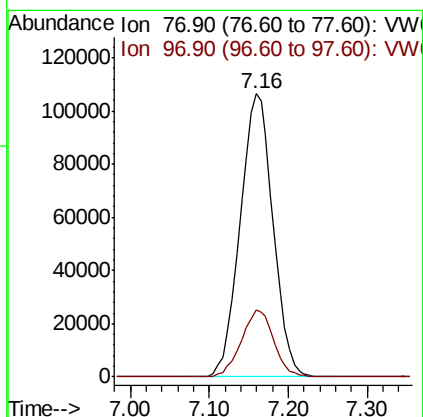
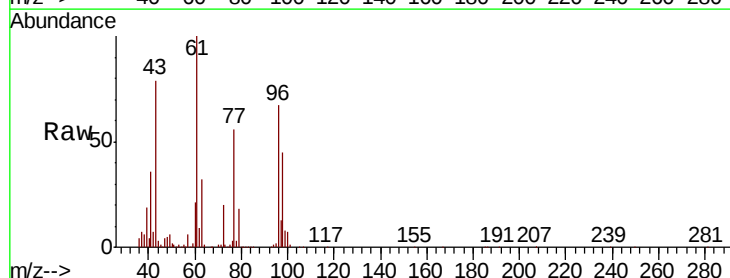
Acq: 10 May 2019 13:46

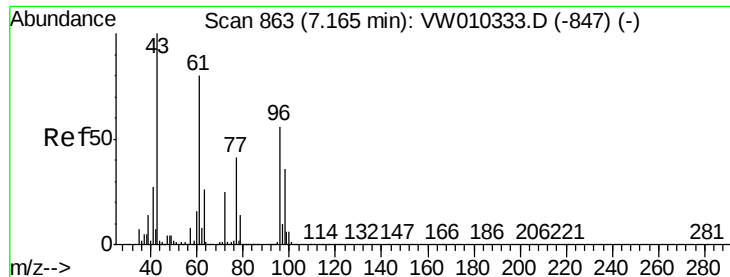
Tgt Ion: 77 Resp: 307807

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



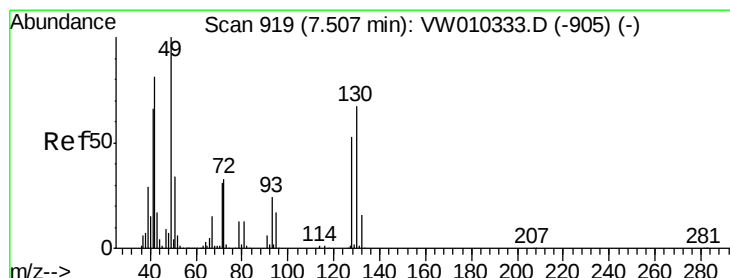
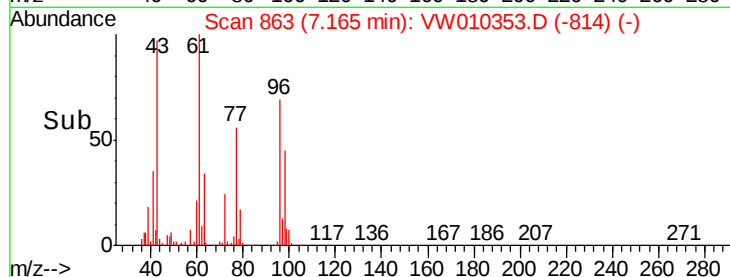
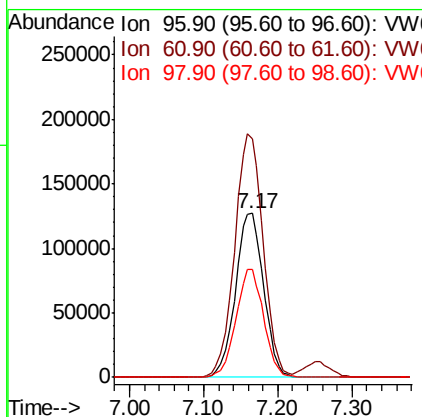
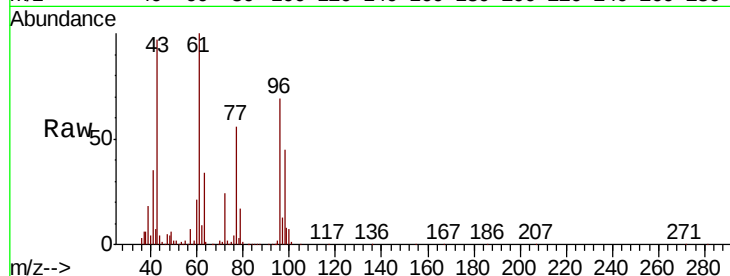


#27

cis-1,2-Dichloroethene
 Concen: 20.922 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

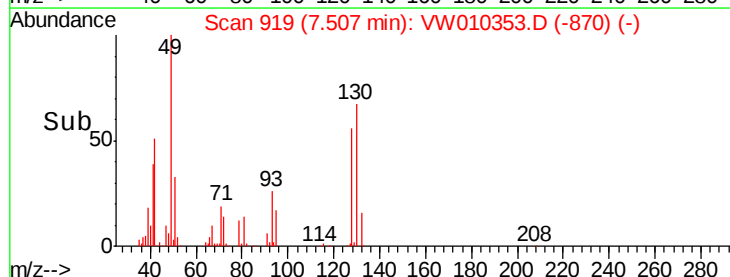
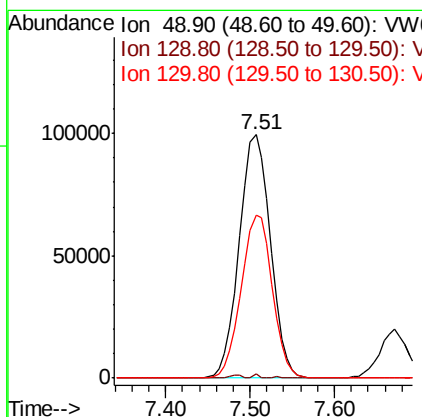
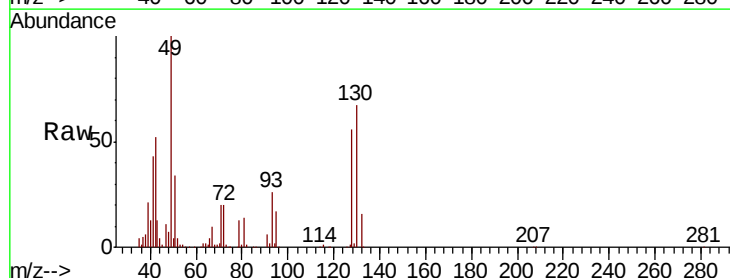
Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	309.4
98	64.5	0.0	128.6

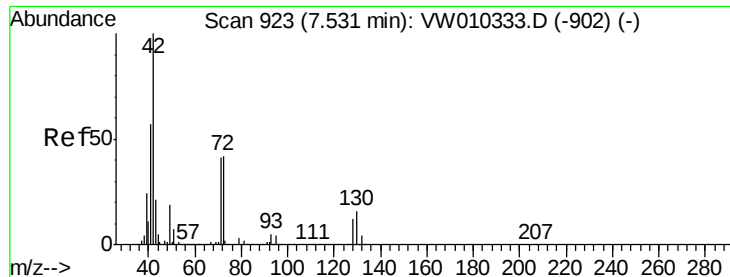


#28

Bromochloromethane
 Concen: 23.808 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	3.8
130	66.7	54.6	82.0





#29

Tetrahydrofuran

Concen: 84.718 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

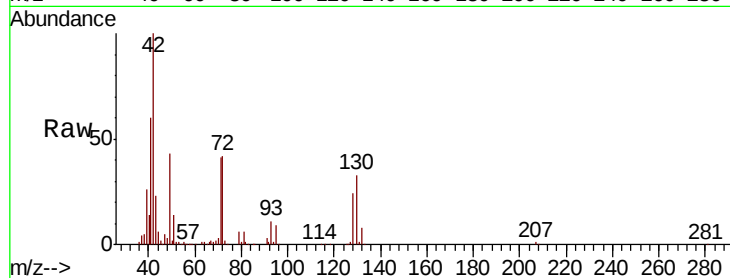
Tgt Ion: 42 Resp: 310324

Ion Ratio Lower Upper

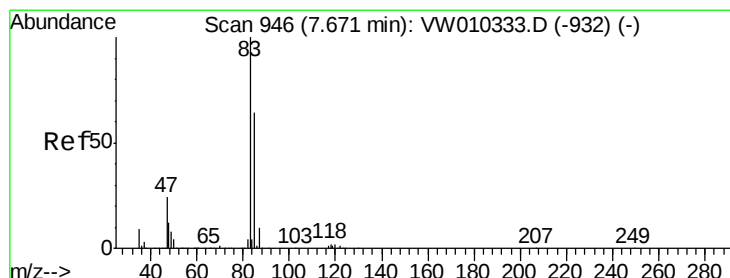
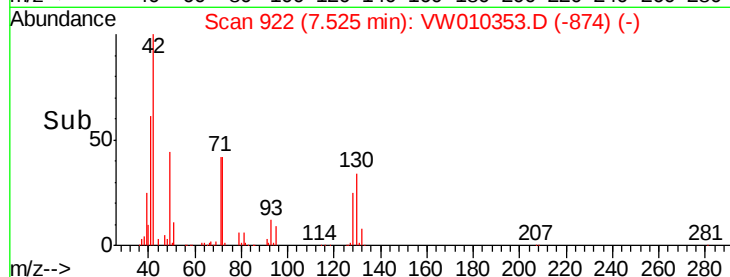
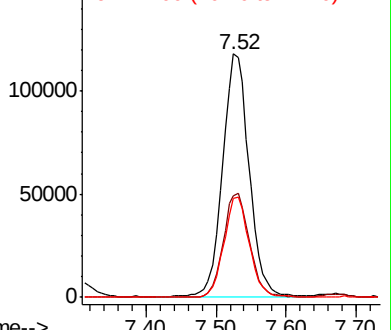
42 100

72 42.3 31.0 46.6

71 39.7 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: 20.945 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW010353.D

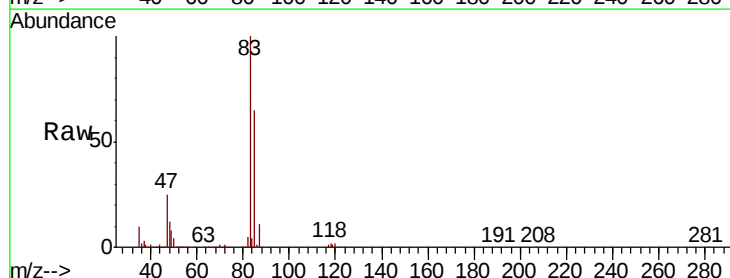
Acq: 10 May 2019 13:46

Tgt Ion: 83 Resp: 556861

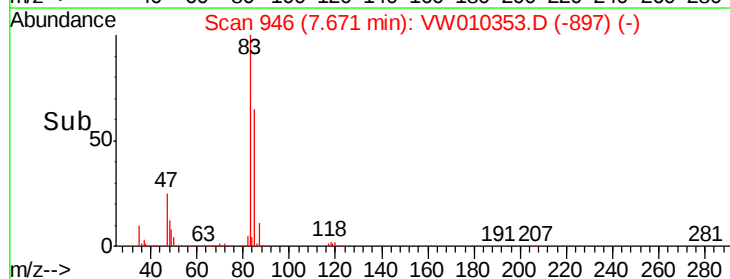
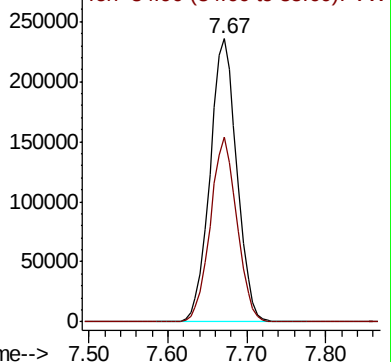
Ion Ratio Lower Upper

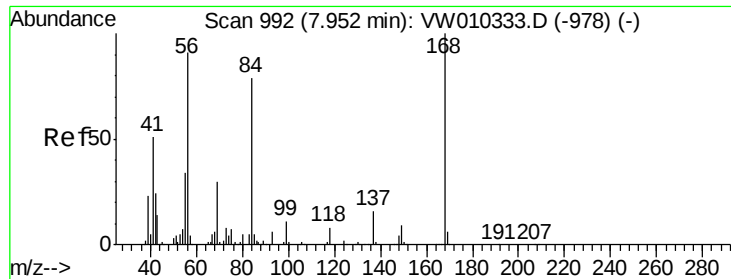
83 100

85 65.3 50.7 76.1



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

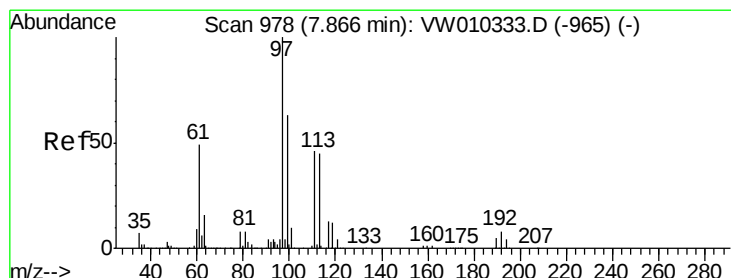
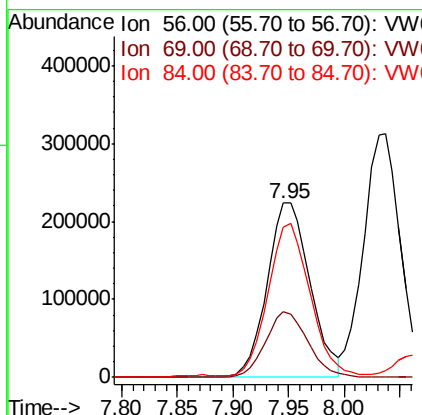
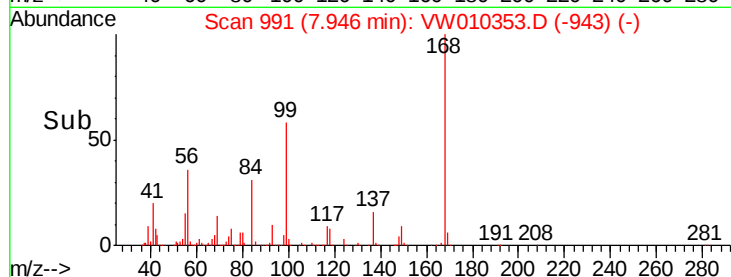
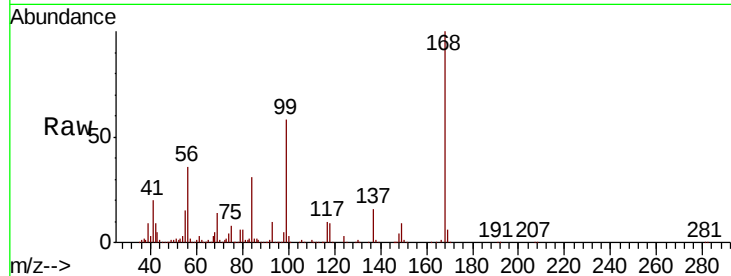




#31
Cyclohexane
Concen: 20.661 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

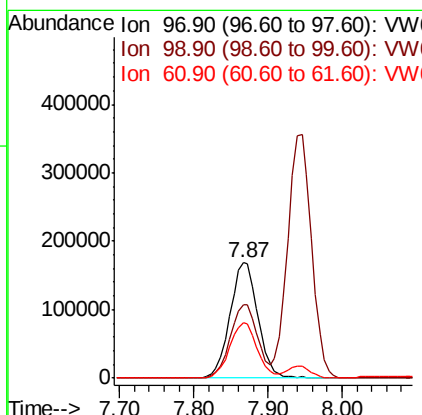
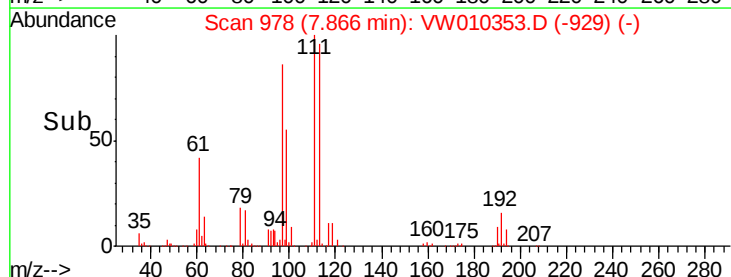
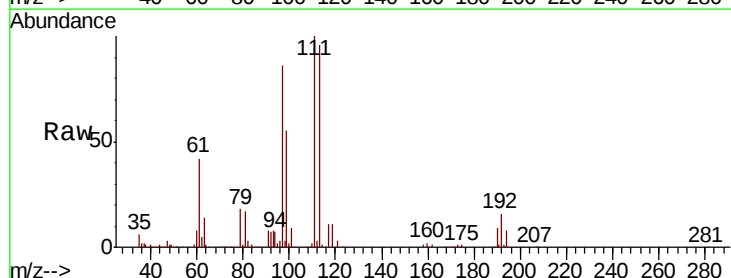
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

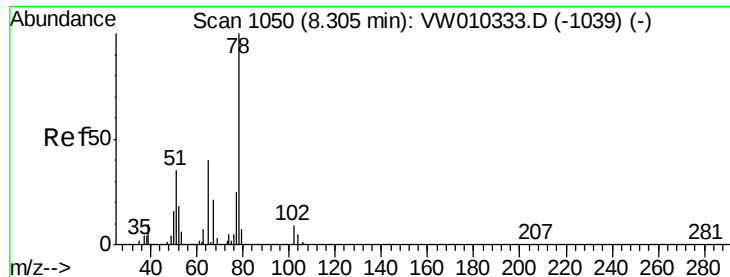
Tgt Ion: 56 Resp: 600979
Ion Ratio Lower Upper
56 100
69 37.8 26.6 40.0
84 85.0 66.2 99.2



#32
1,1,1-Trichloroethane
Concen: 21.417 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 97 Resp: 441042
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 47.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.793 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

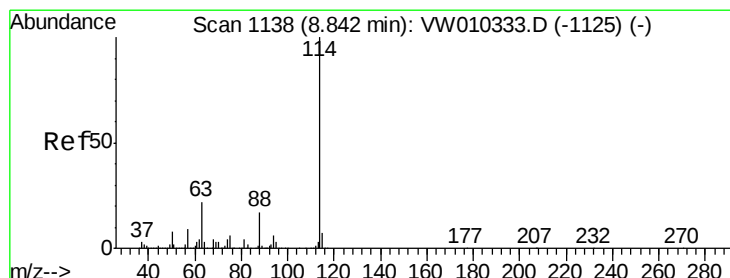
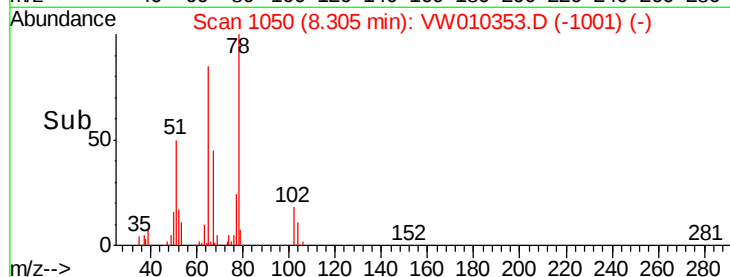
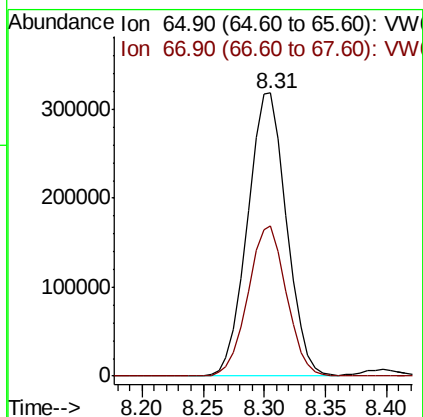
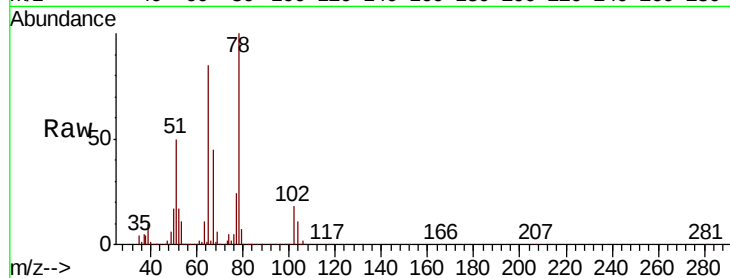
VW0510SBS01

Tgt Ion: 65 Resp: 707076

Ion Ratio Lower Upper

65 100

67 52.2 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: VW010353.D

Acq: 10 May 2019 13:46

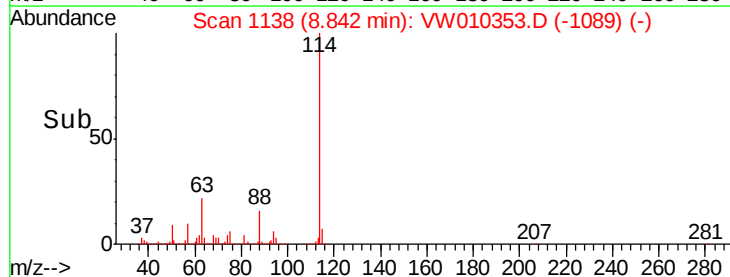
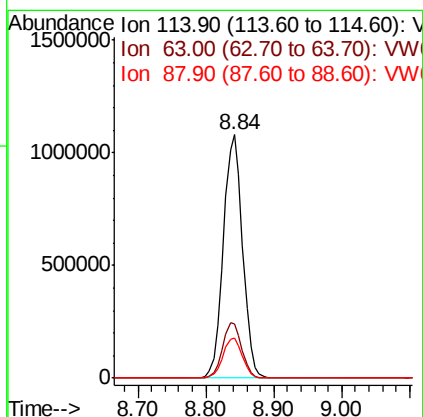
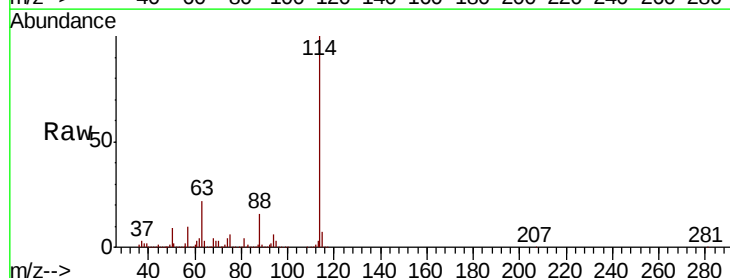
Tgt Ion: 114 Resp: 2111813

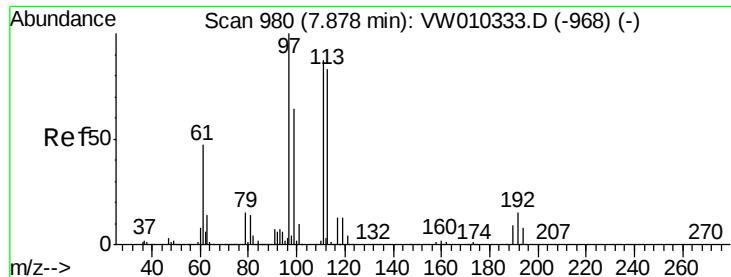
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 16.4 0.0 32.6

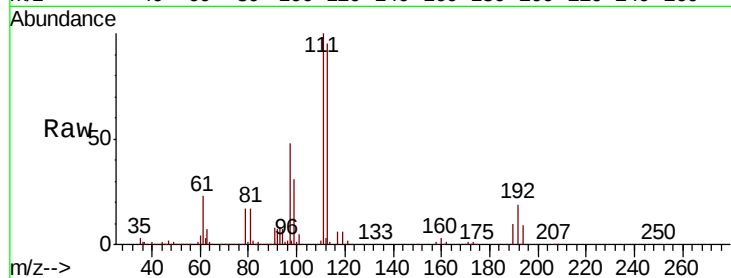




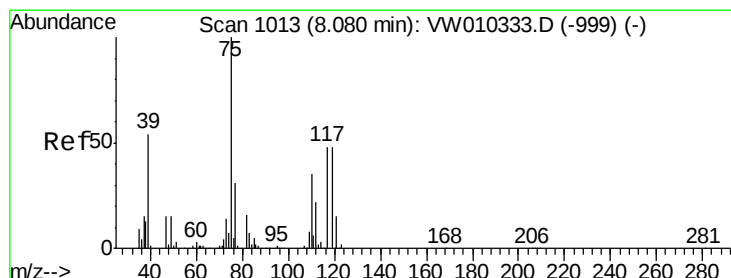
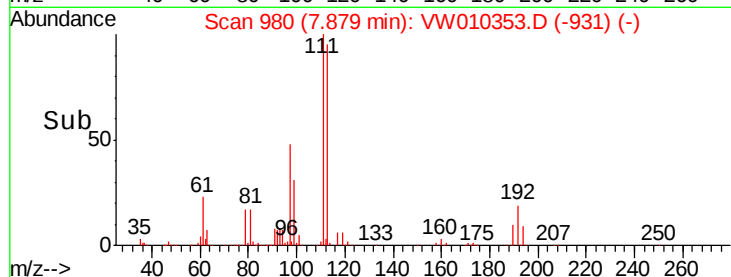
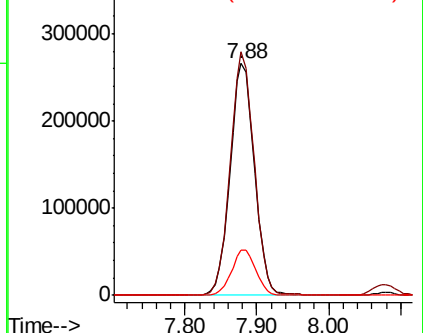
#35
 Dibromofluoromethane
 Concen: 50.725 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

Tgt Ion: 113 Resp: 626860
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 19.6 15.4 23.2

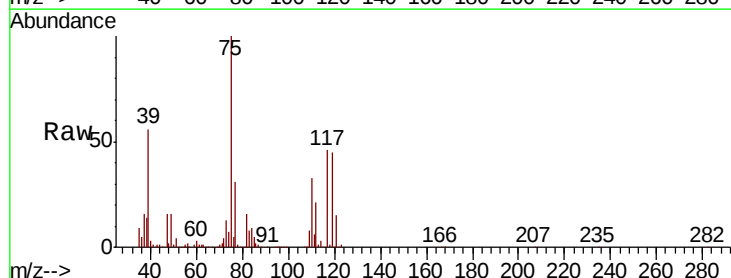


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

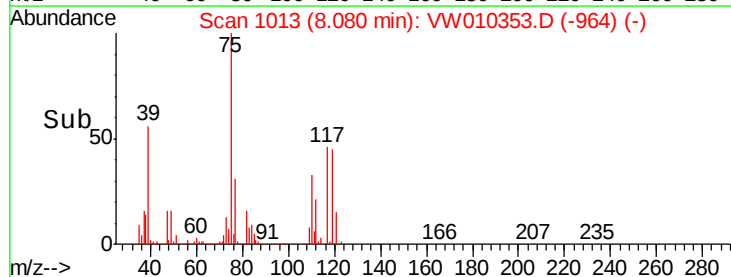
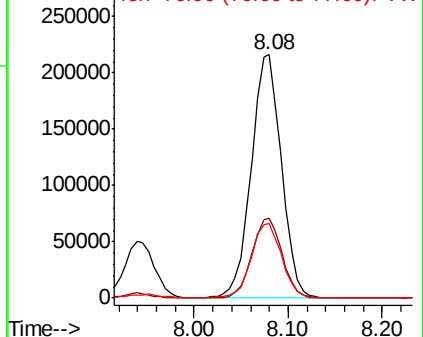


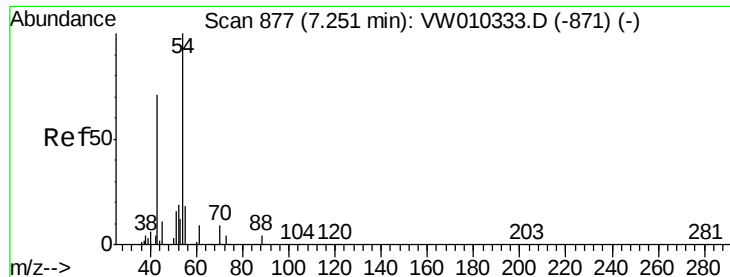
#36
 1,1-Dichloropropene
 Concen: 21.289 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion: 75 Resp: 487462
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.6 49.8
 77 31.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

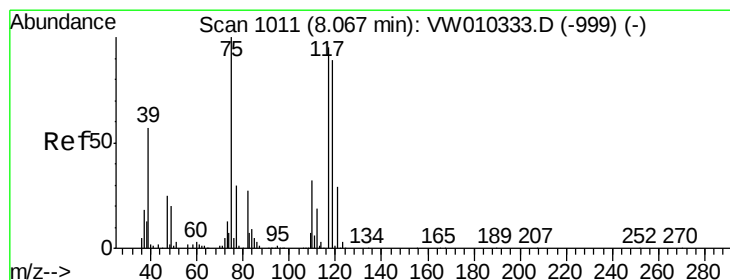
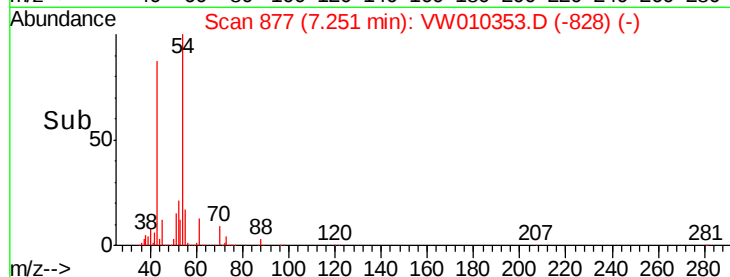
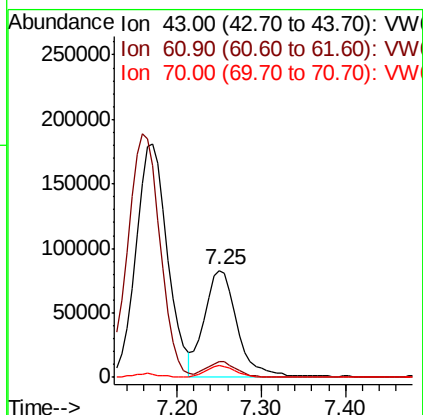
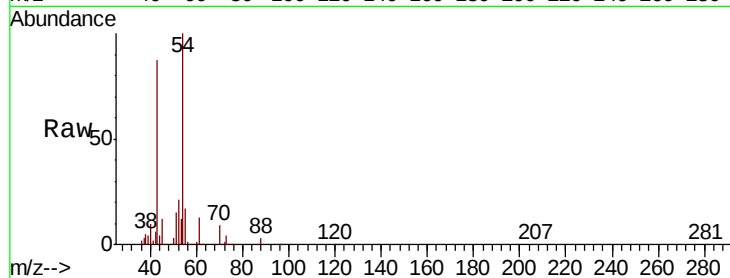




#37
Ethyl Acetate
Concen: 18.103 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

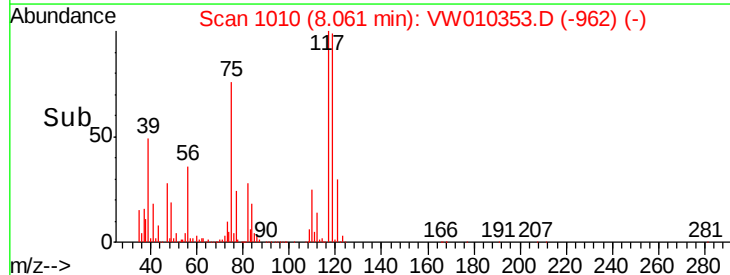
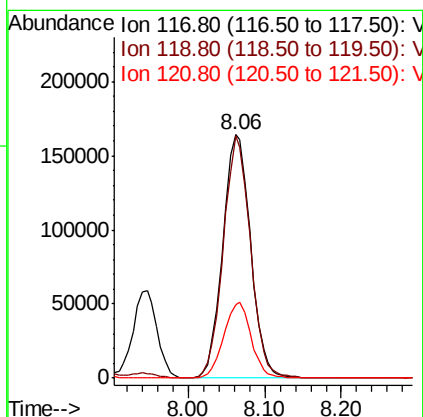
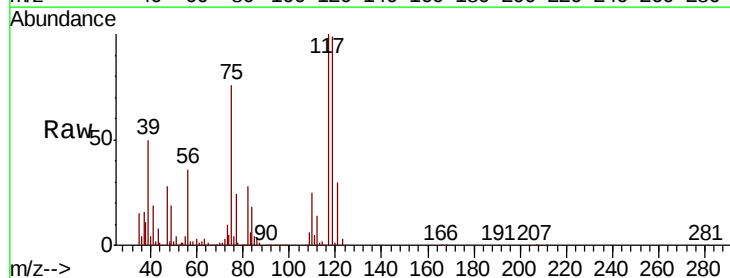
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

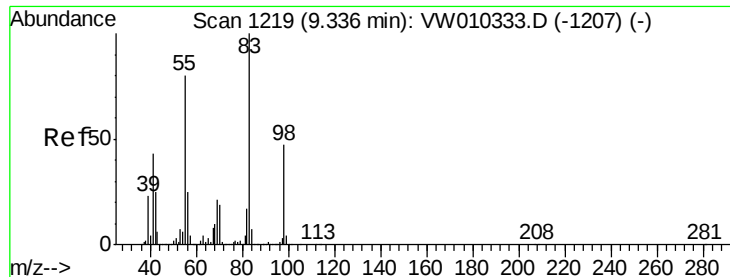
Tgt Ion:	43	Resp:	220701
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.8	14.8
70	10.3	7.4	11.0



#38
Carbon Tetrachloride
Concen: 21.092 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:	117	Resp:	414000
Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.3	112.9
121	30.2	24.4	36.6

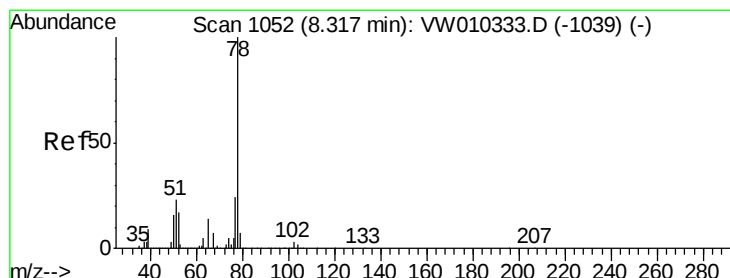
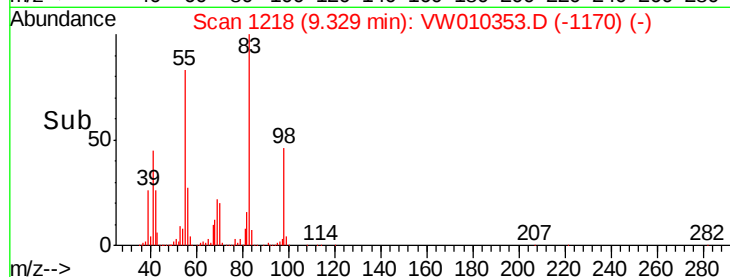
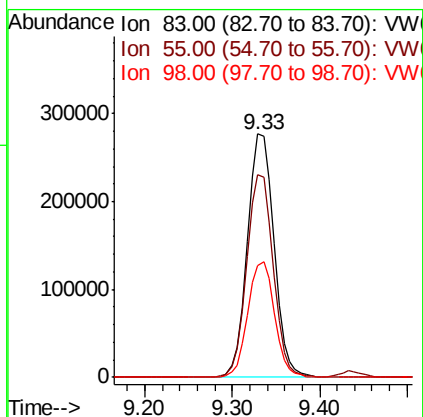
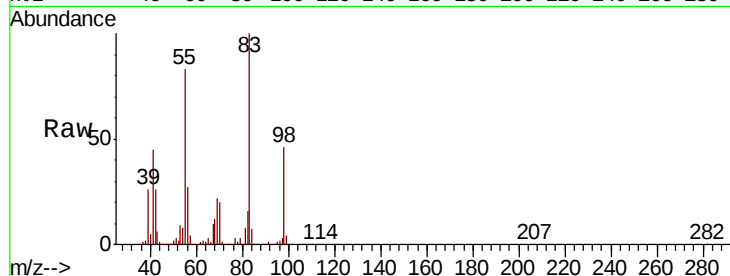




#39
Methylcyclohexane
Concen: 20.955 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

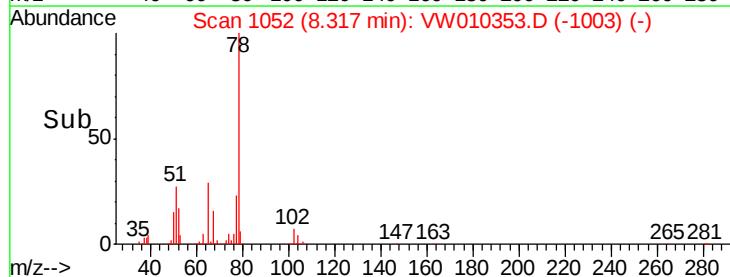
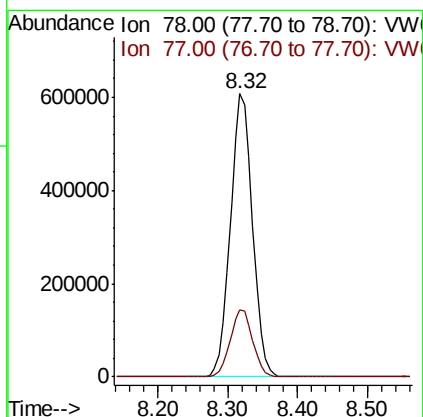
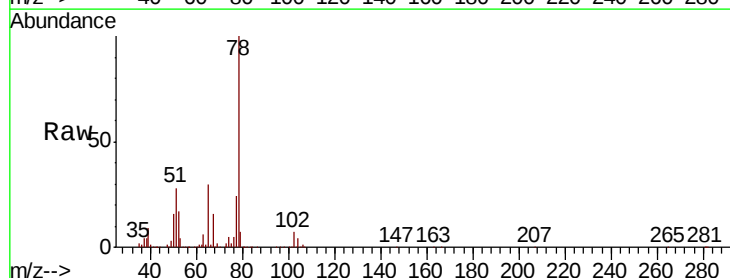
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

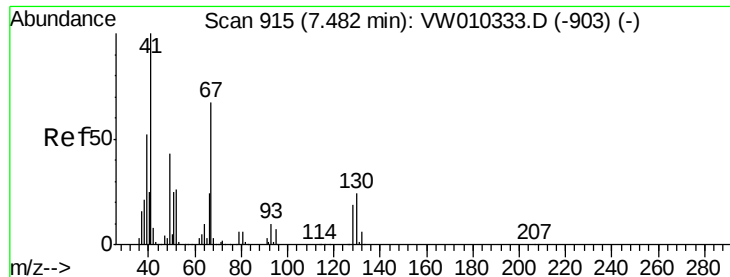
Tgt Ion: 83 Resp: 586967
Ion Ratio Lower Upper
83 100
55 83.2 67.1 100.7
98 46.0 39.2 58.8



#40
Benzene
Concen: 21.177 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 78 Resp: 1327975
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

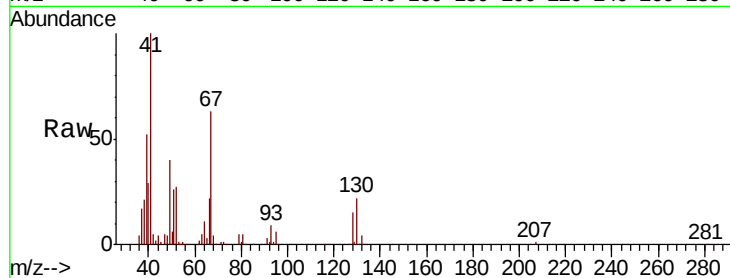




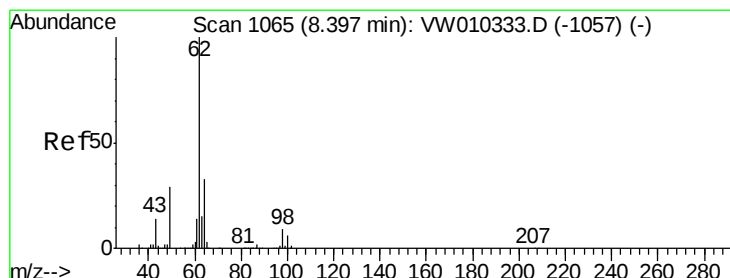
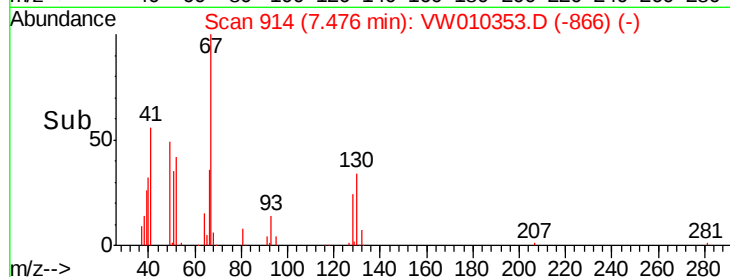
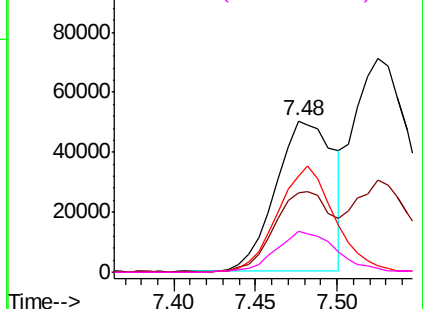
#41
Methacrylonitrile
Concen: 18.165 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

Tgt Ion:	41	Resp:	124200
Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.0	67.4
67	69.8	50.7	76.1
52	28.2	22.6	33.8

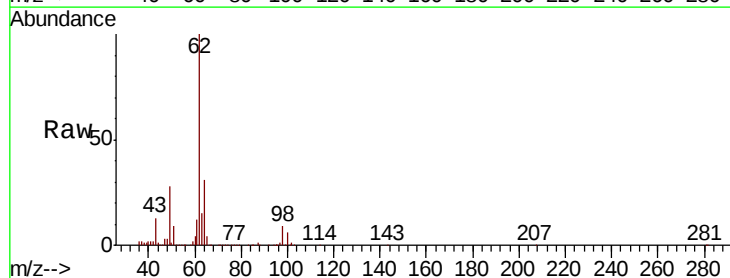


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

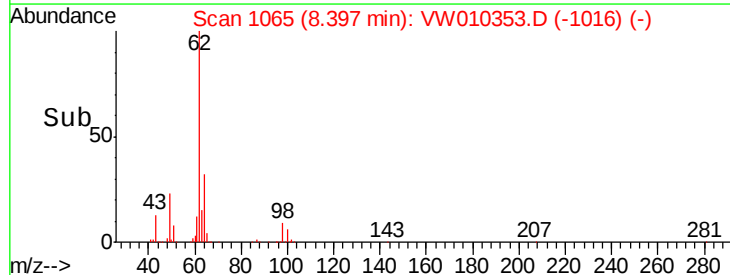
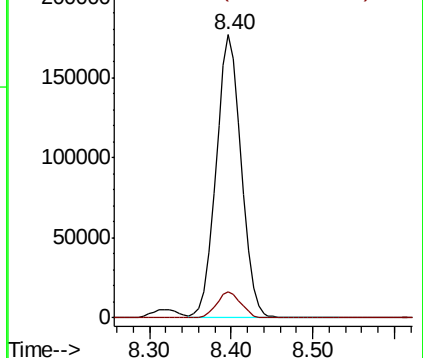


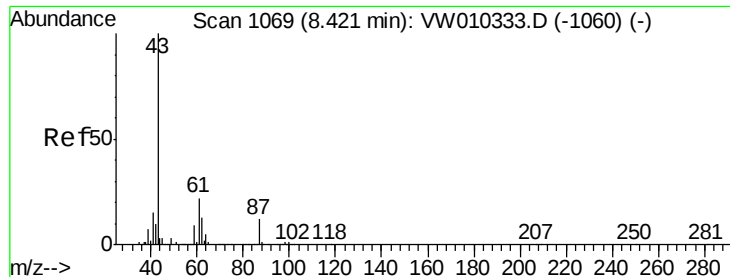
#42
1,2-Dichloroethane
Concen: 21.066 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:	62	Resp:	378136
Ion	Ratio	Lower	Upper
62	100		
98	9.2	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: 18.141 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

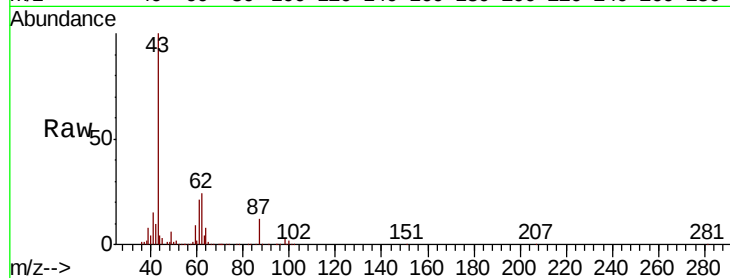
Tgt Ion: 43 Resp: 366792

Ion Ratio Lower Upper

43 100

61 30.9 23.0 34.6

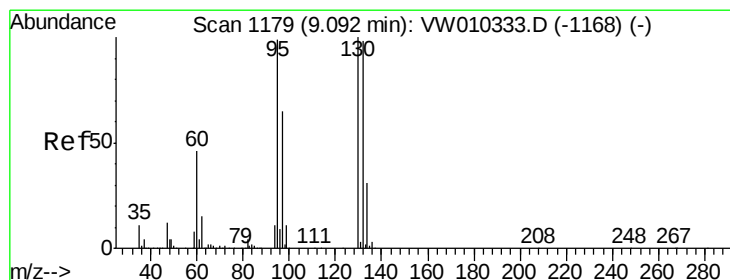
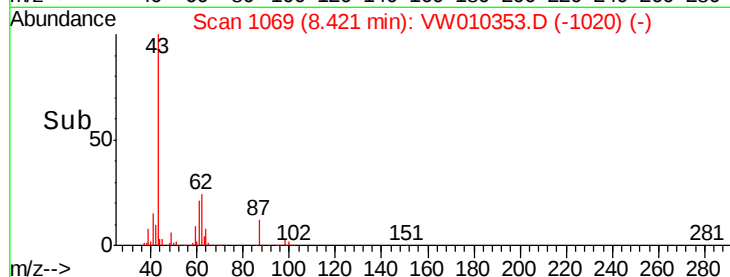
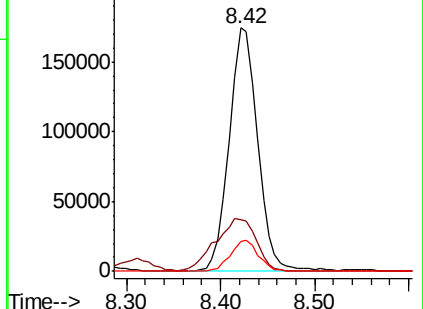
87 12.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.632 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010353.D

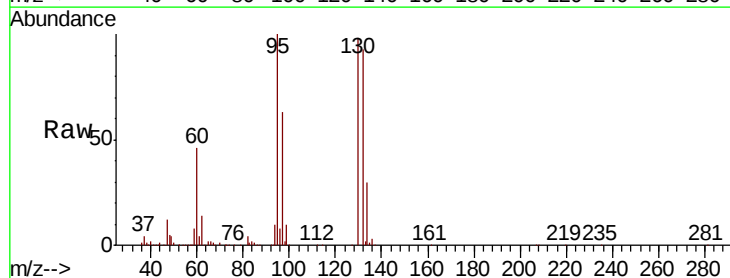
Acq: 10 May 2019 13:46

Tgt Ion: 130 Resp: 323905

Ion Ratio Lower Upper

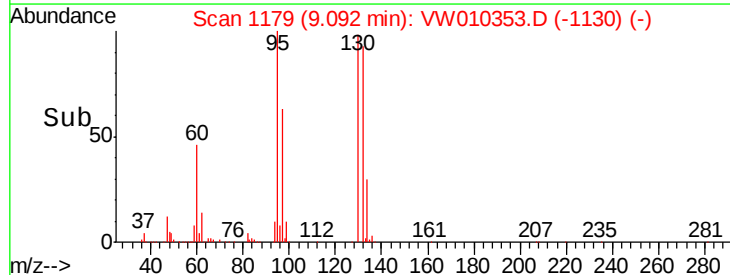
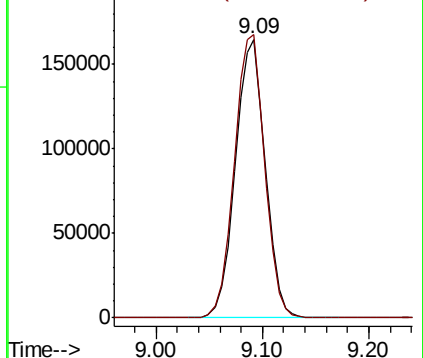
130 100

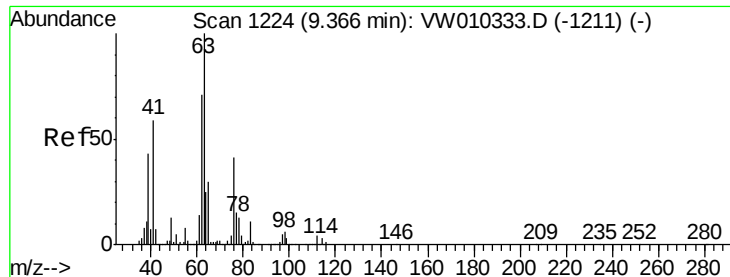
95 101.7 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.224 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

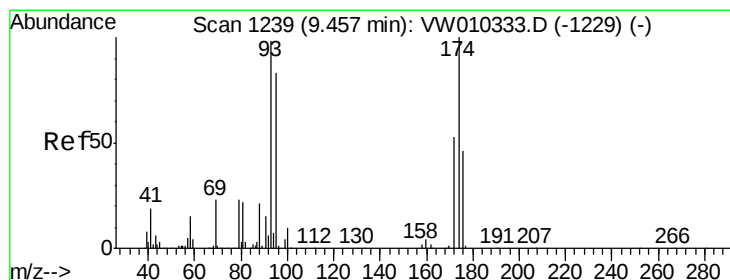
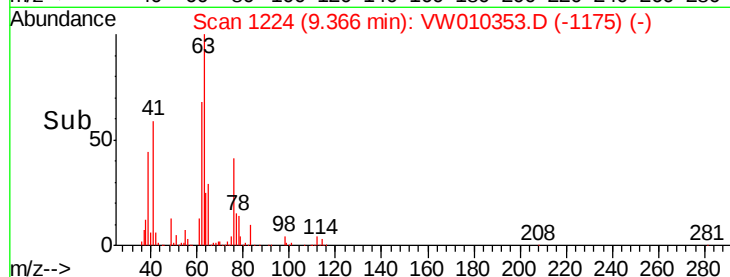
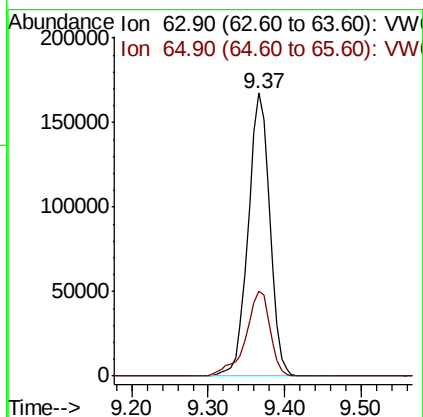
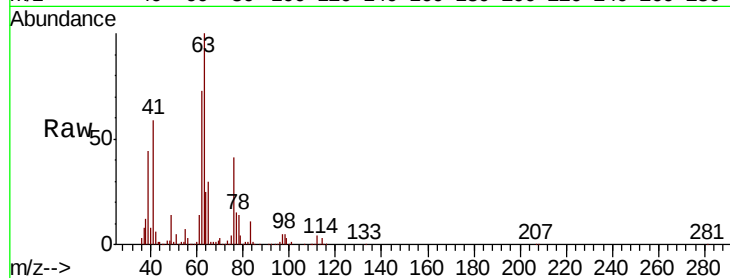
VW0510SBS01

Tgt Ion: 63 Resp: 330837

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 19.569 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

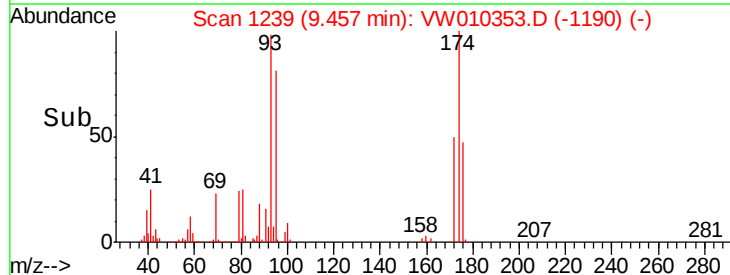
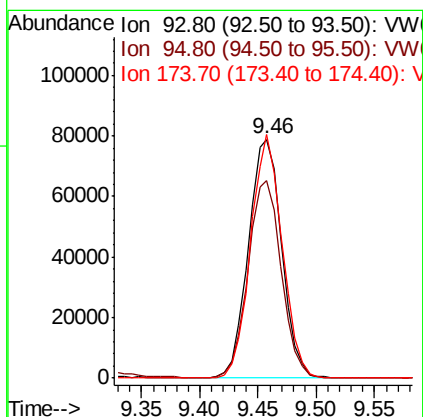
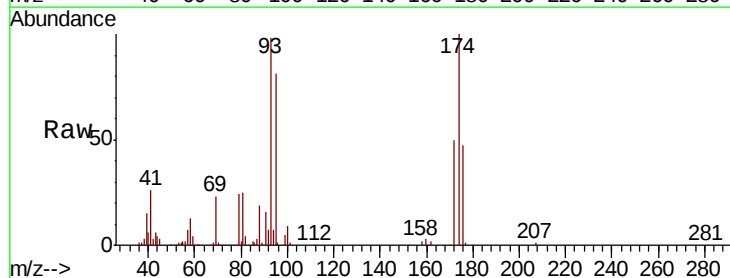
Tgt Ion: 93 Resp: 157583

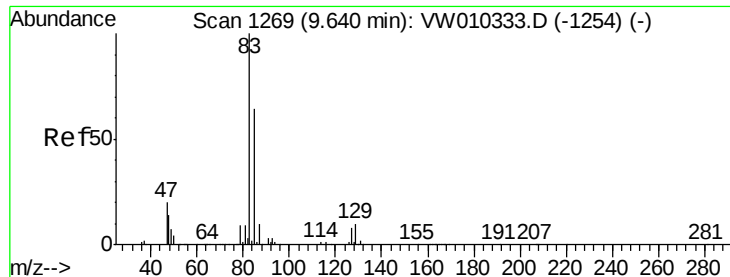
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 96.5 75.5 113.3

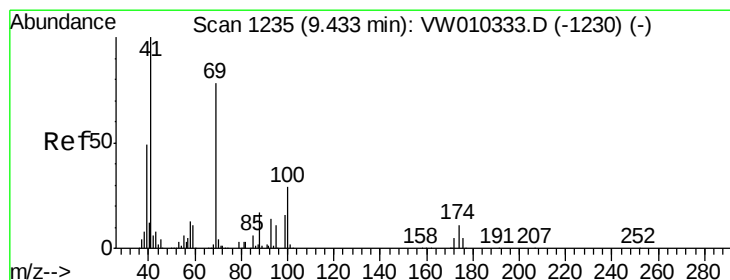
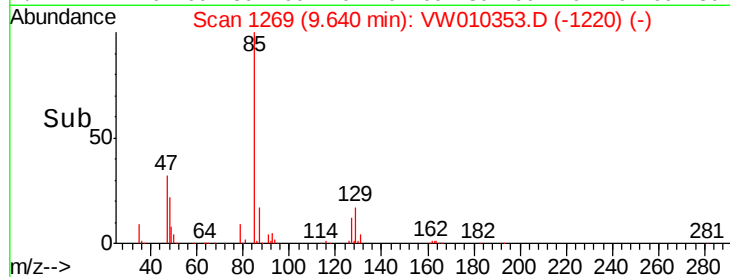
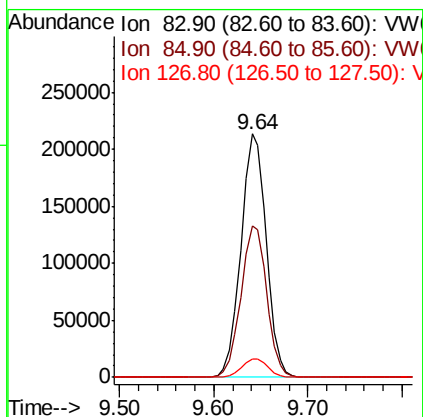
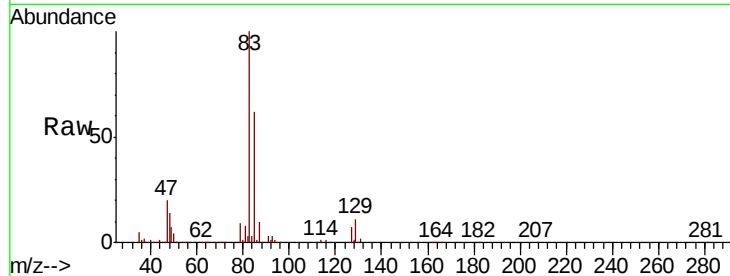




#47
 Bromodichloromethane
 Concen: 20.699 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

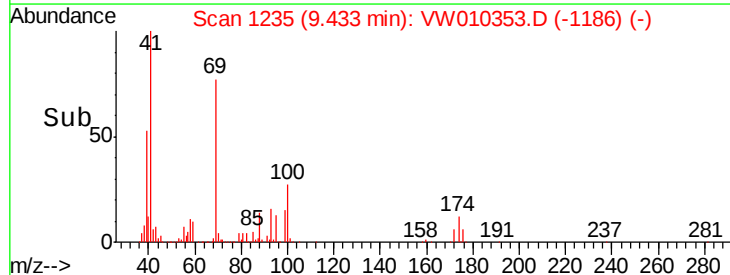
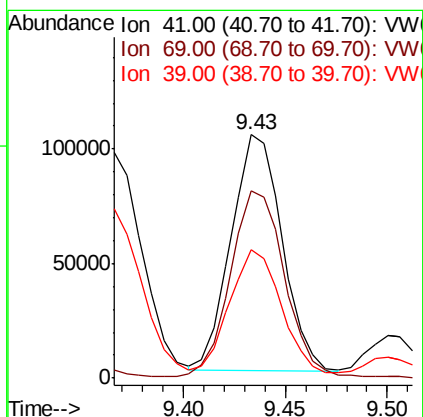
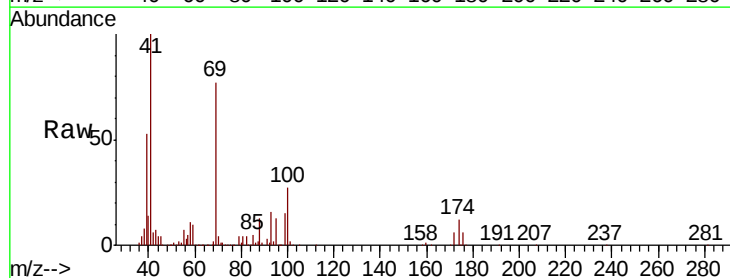
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

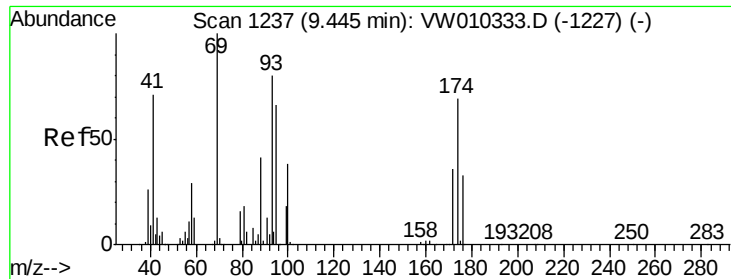
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.6	75.8
127	7.3	6.6	10.0



#48
 Methyl methacrylate
 Concen: 18.618 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.9	60.1	90.1
39	53.0	51.0	76.6





#49

1,4-Dioxane

Concen: 343.034 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

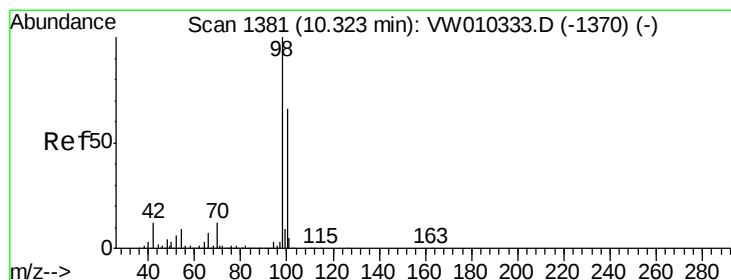
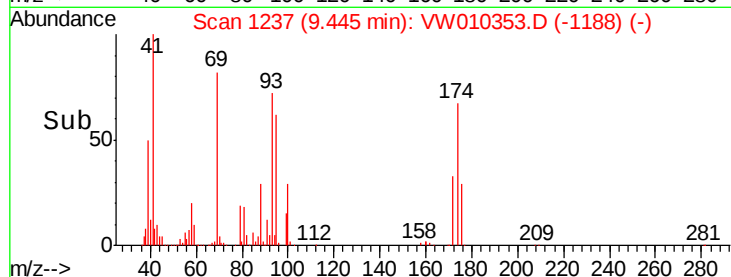
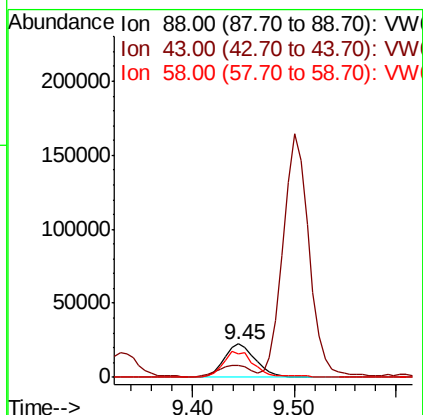
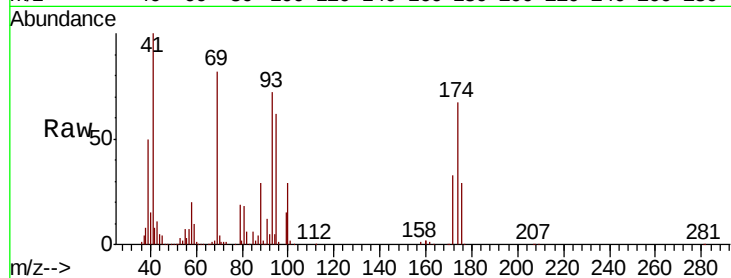
Tgt Ion: 88 Resp: 48173

Ion Ratio Lower Upper

88 100

43 34.3 31.9 47.9

58 81.8 61.8 92.6



#50

Toluene-d8

Concen: 51.331 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010353.D

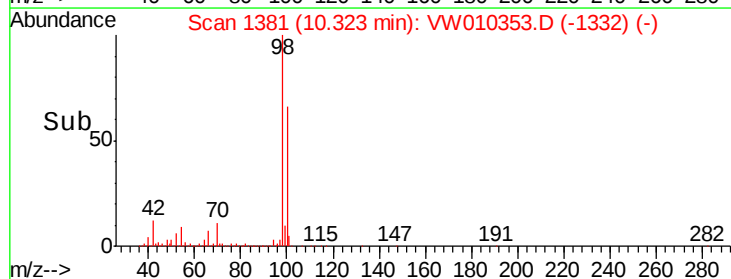
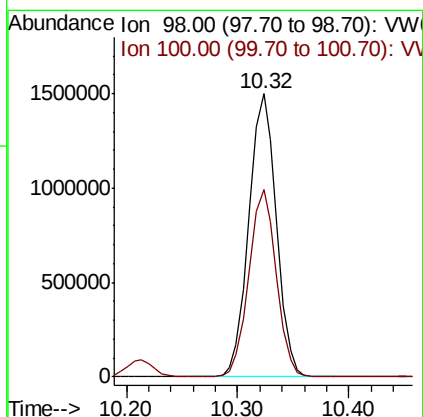
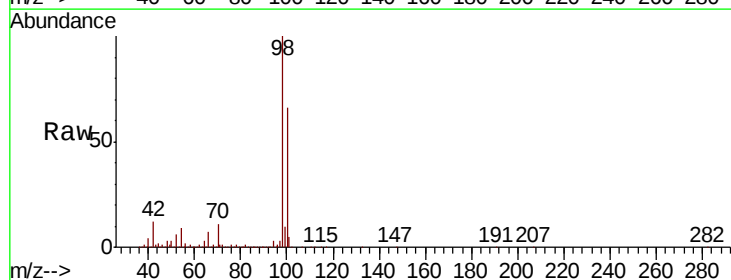
Acq: 10 May 2019 13:46

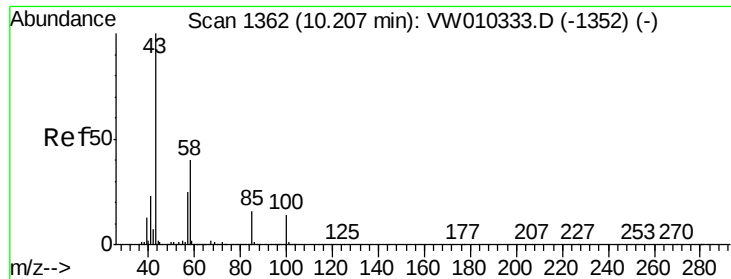
Tgt Ion: 98 Resp: 2583098

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

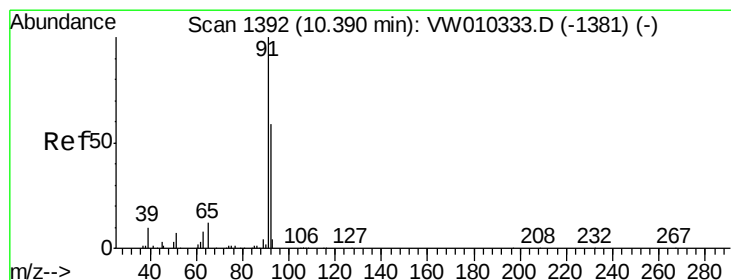
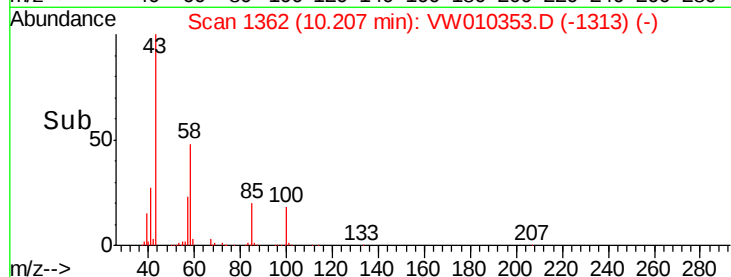
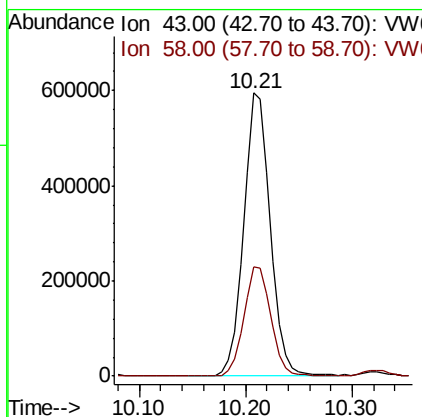
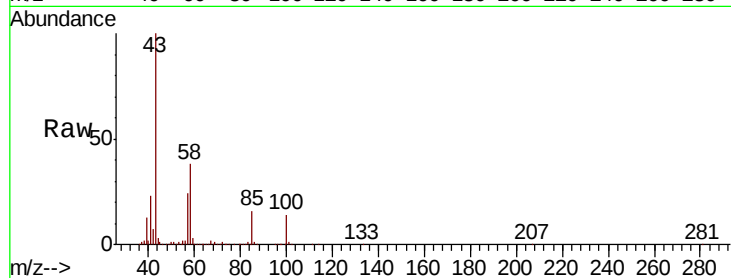




#51
 4-Methyl-2-Pentanone
 Concen: 89.680 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

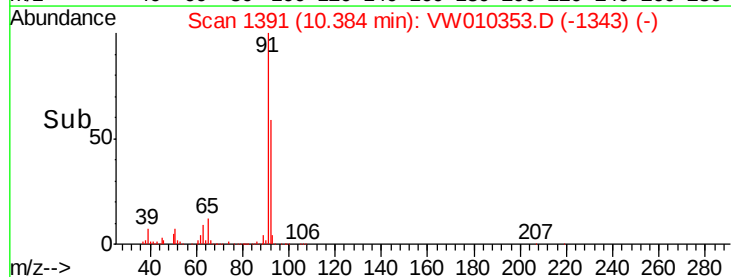
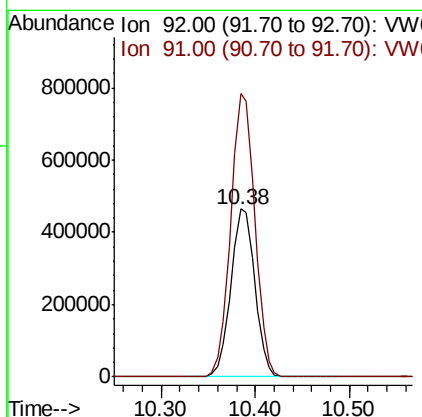
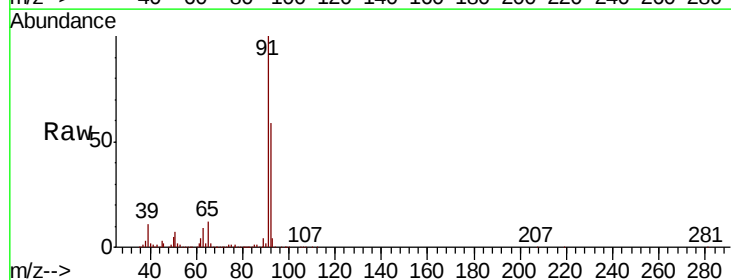
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

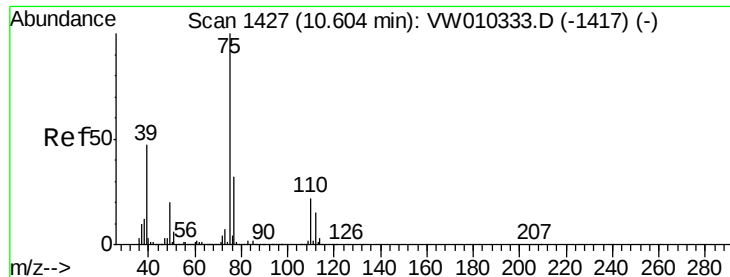
Tgt Ion: 43 Resp: 1039752
 Ion Ratio Lower Upper
 43 100
 58 39.3 28.9 43.3



#52
 Toluene
 Concen: 21.458 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion: 92 Resp: 822463
 Ion Ratio Lower Upper
 92 100
 91 169.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.152 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

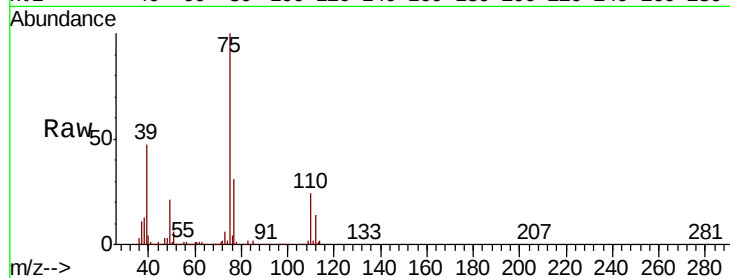
VW0510SBS01

Tgt Ion: 75 Resp: 394298

Ion Ratio Lower Upper

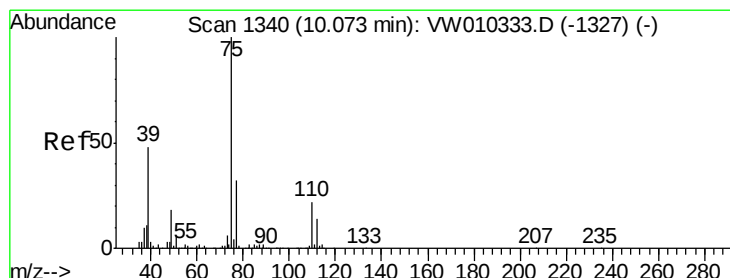
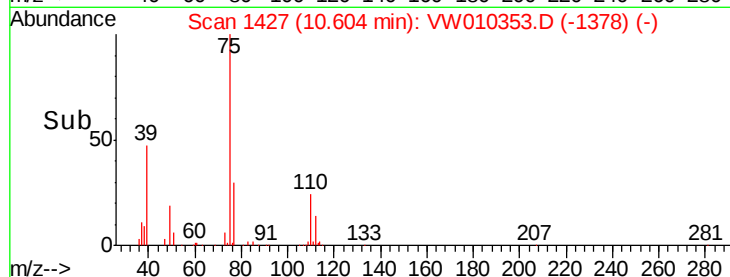
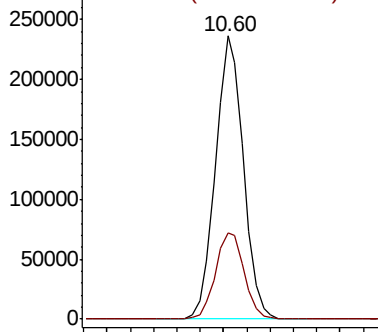
75 100

77 30.5 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.711 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

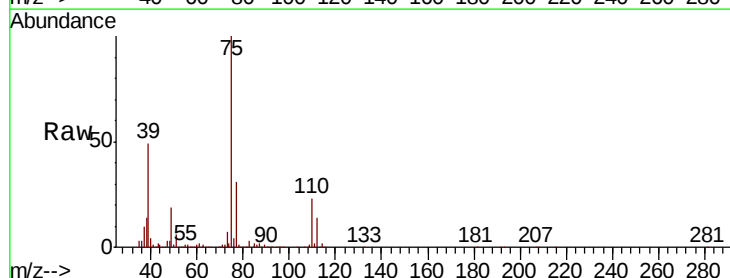
Tgt Ion: 75 Resp: 479915

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

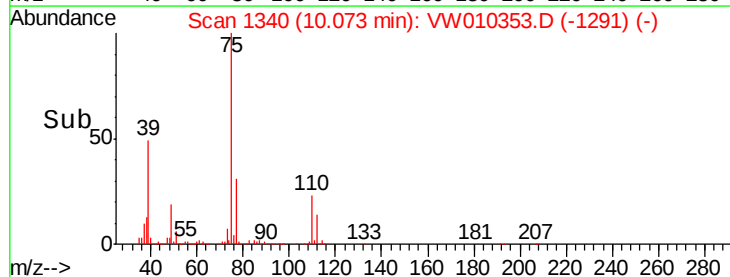
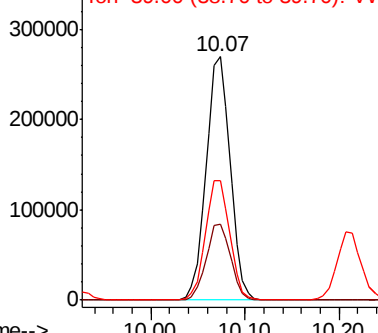
39 49.0 47.8 71.6

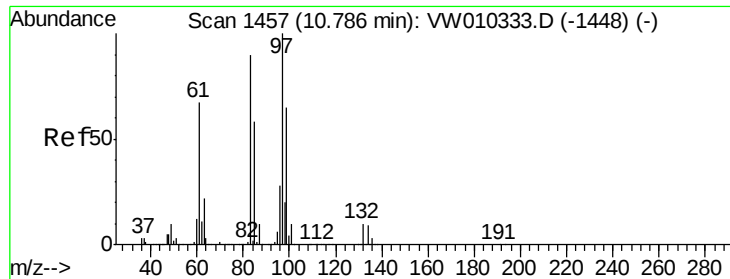


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

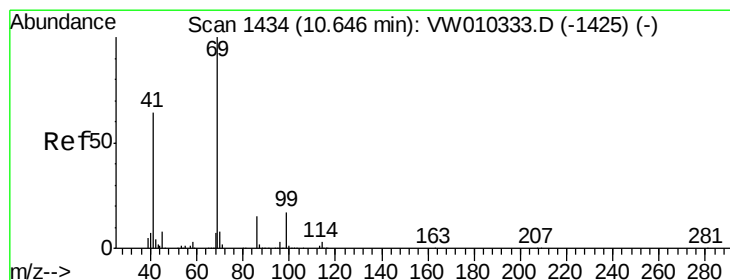
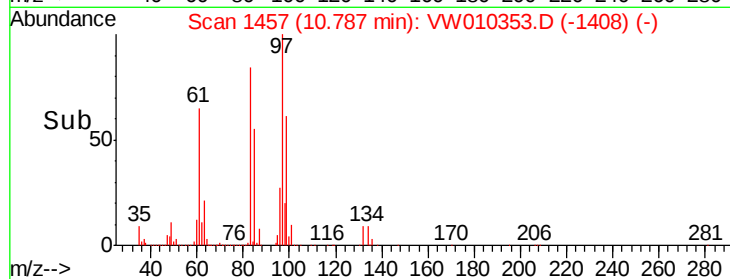
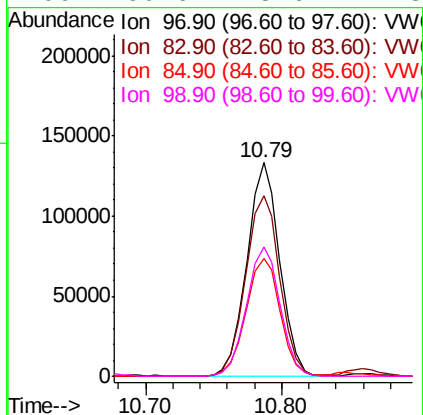
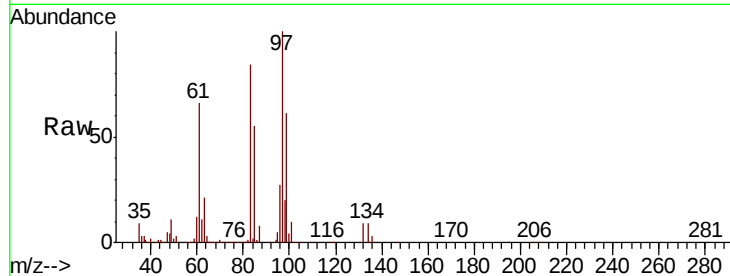




#55
 1,1,2-Trichloroethane
 Concen: 19.750 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

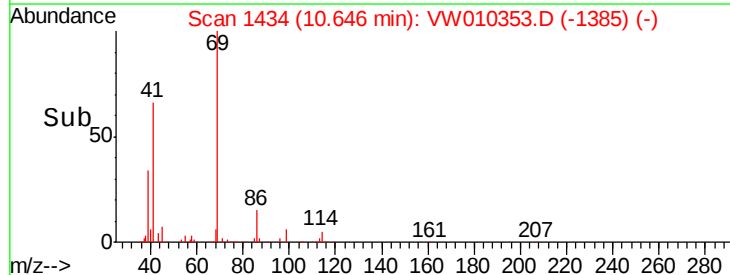
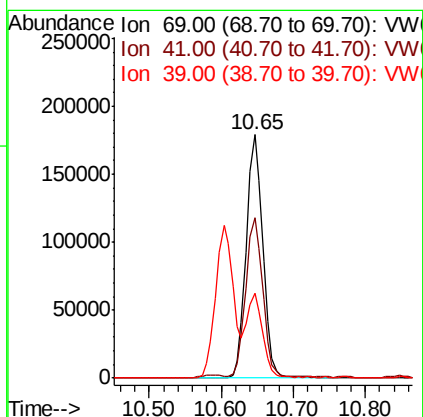
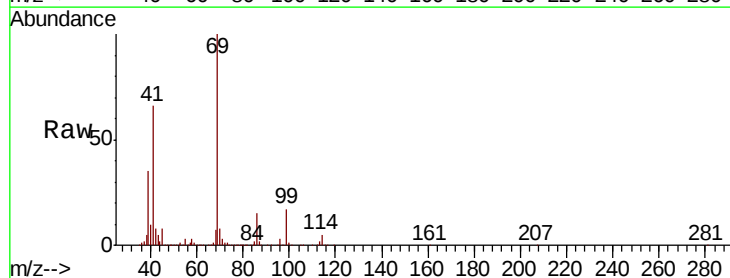
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

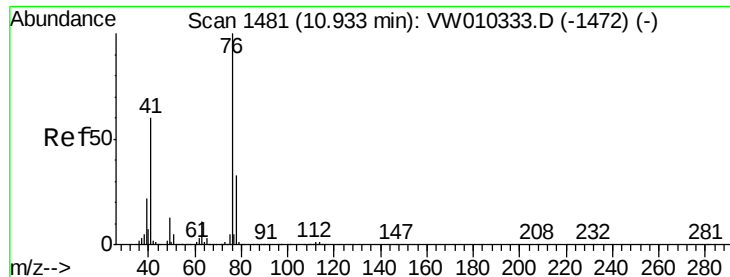
Tgt Ion:	97	Resp:	225889
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.9	103.3
85	54.8	42.9	64.3
99	60.6	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 19.039 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion:	69	Resp:	287562
Ion	Ratio	Lower	Upper
69	100		
41	66.2	61.0	91.6
39	32.3	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 20.118 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

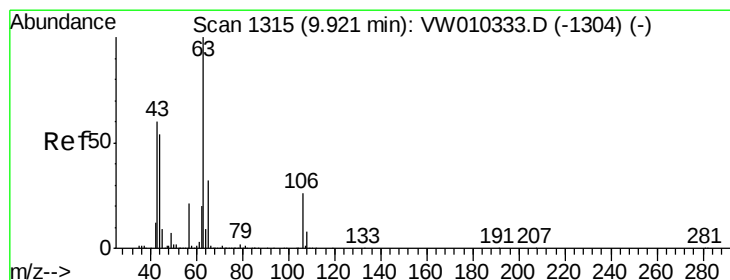
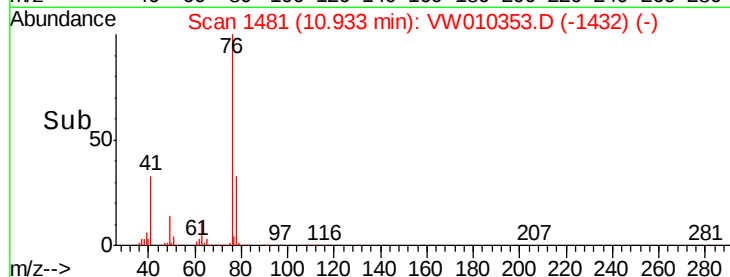
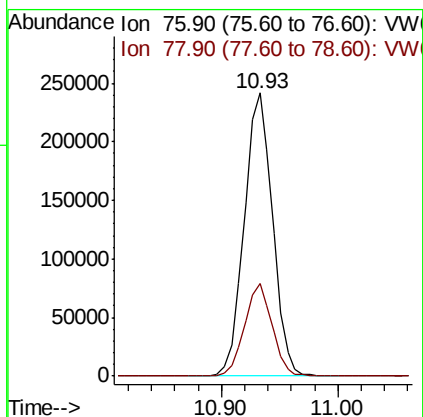
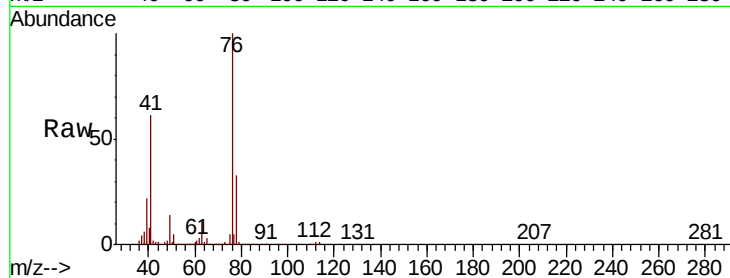
VW0510SBS01

Tgt Ion: 76 Resp: 411346

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.447 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010353.D

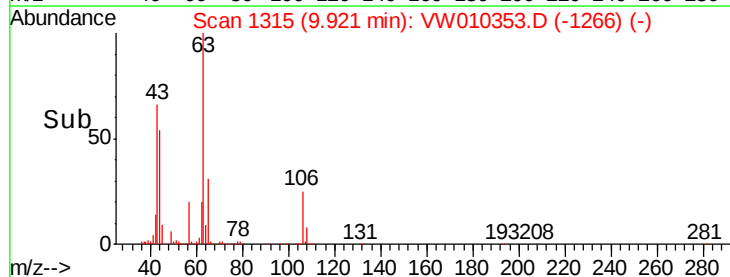
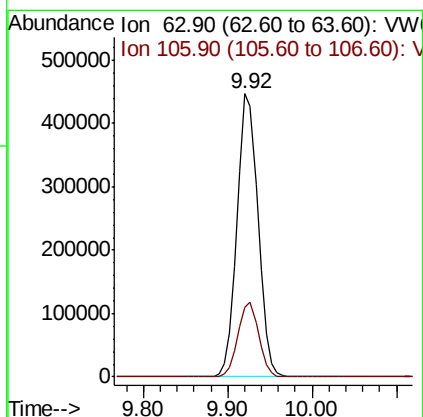
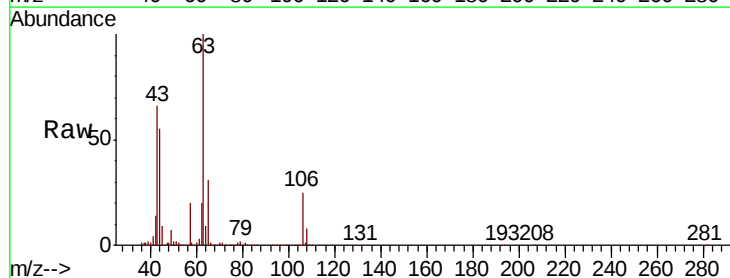
Acq: 10 May 2019 13:46

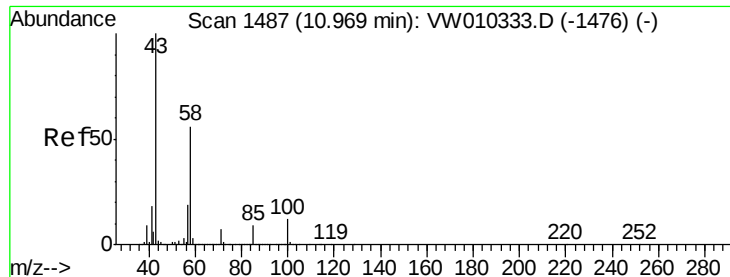
Tgt Ion: 63 Resp: 748071

Ion Ratio Lower Upper

63 100

106 26.3 21.4 32.0





#59

2-Hexanone

Concen: 87.119 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

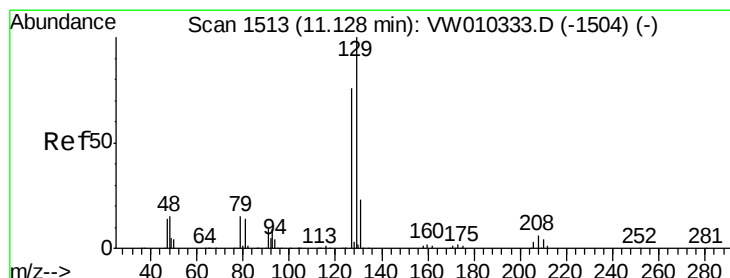
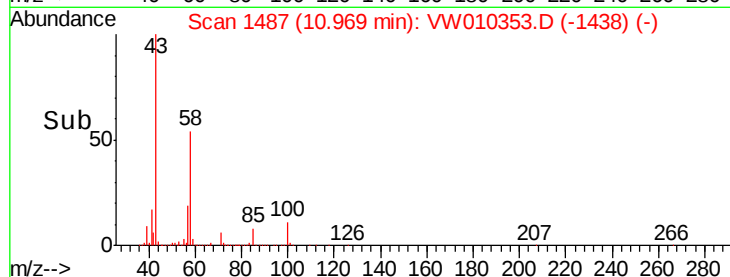
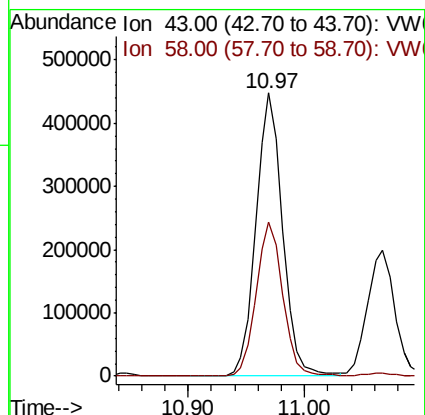
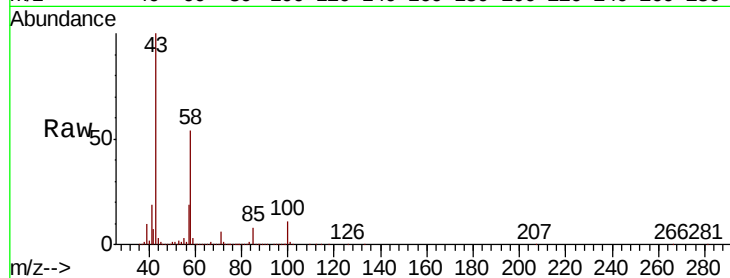
VW0510SBS01

Tgt Ion: 43 Resp: 714144

Ion Ratio Lower Upper

43 100

58 54.4 24.9 74.7



#60

Dibromochloromethane

Concen: 20.090 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010353.D

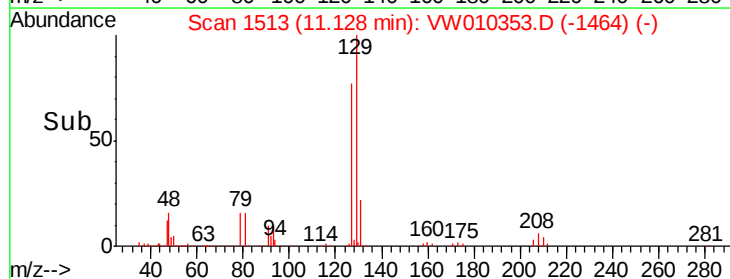
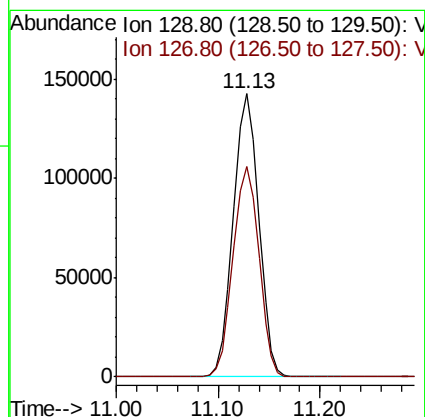
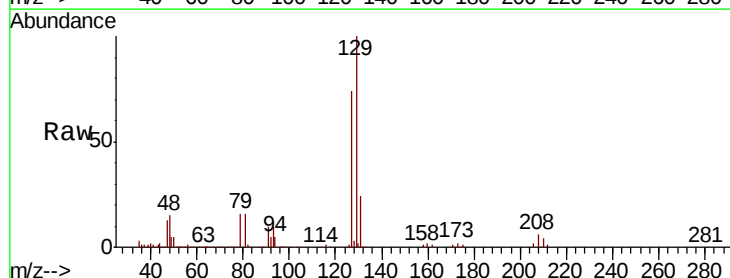
Acq: 10 May 2019 13:46

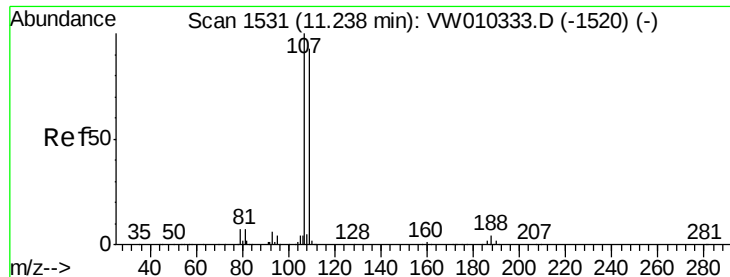
Tgt Ion: 129 Resp: 247261

Ion Ratio Lower Upper

129 100

127 75.5 38.6 116.0

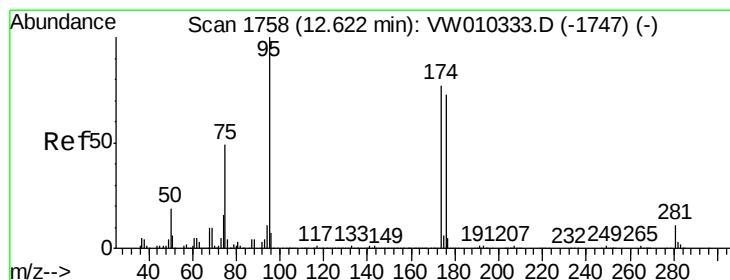
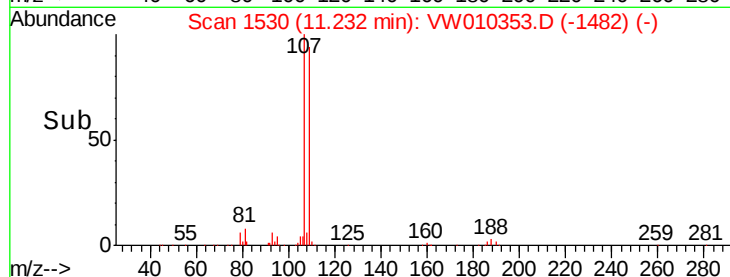
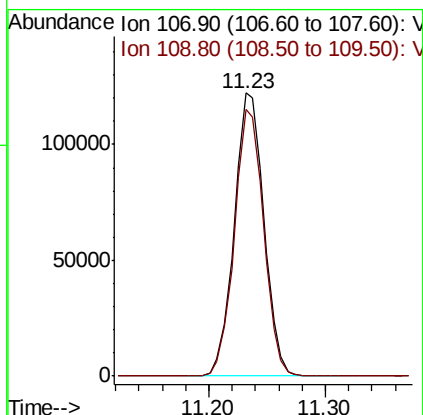
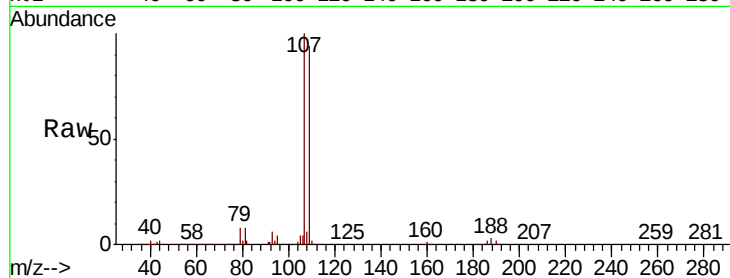




#61
 1,2-Dibromoethane
 Concen: 19.770 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

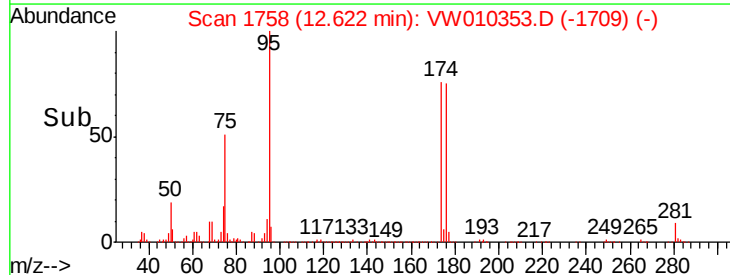
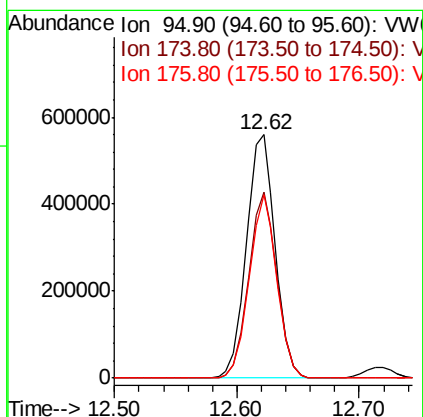
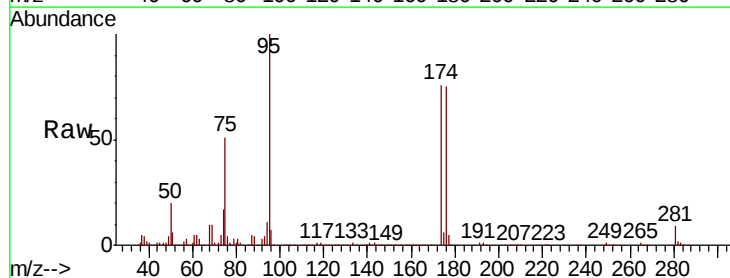
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

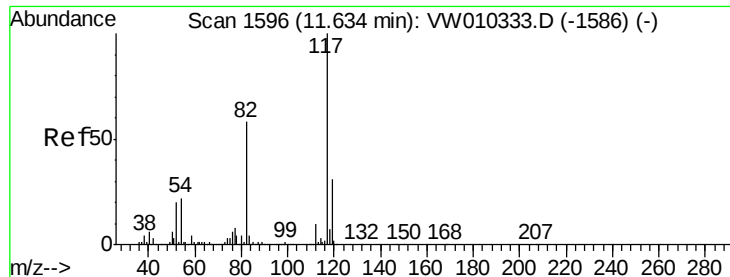
Tgt Ion: 107 Resp: 217073
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 51.495 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion: 95 Resp: 912171
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 151.4
 176 72.6 0.0 146.2

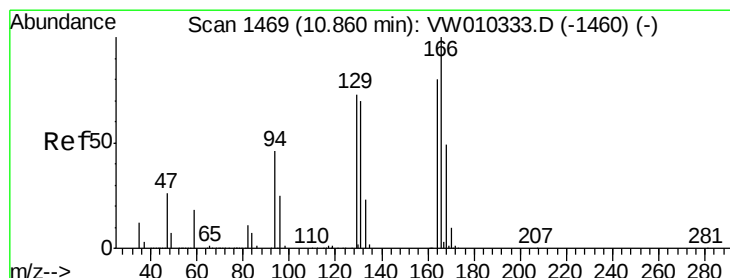
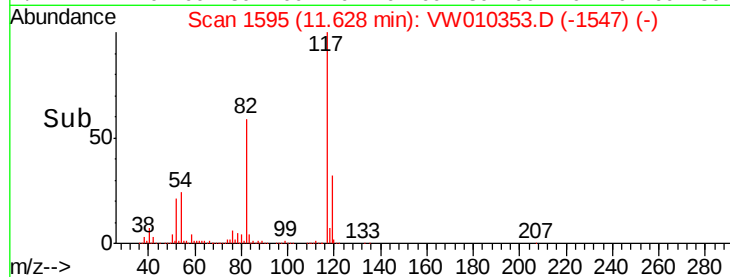
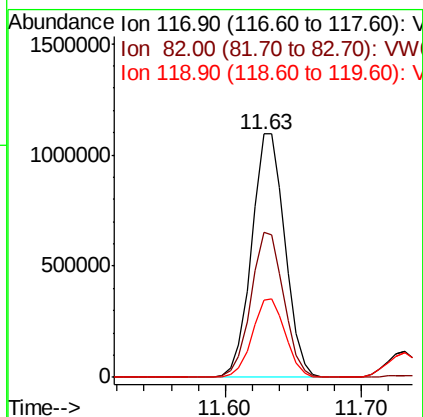
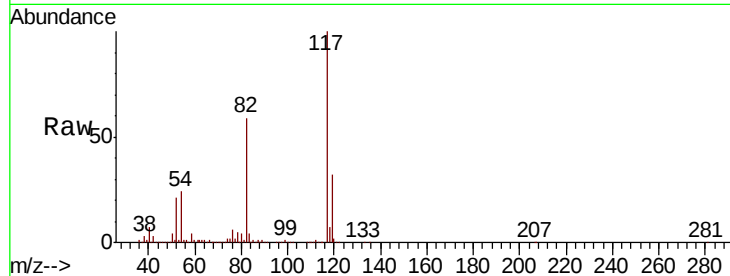




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

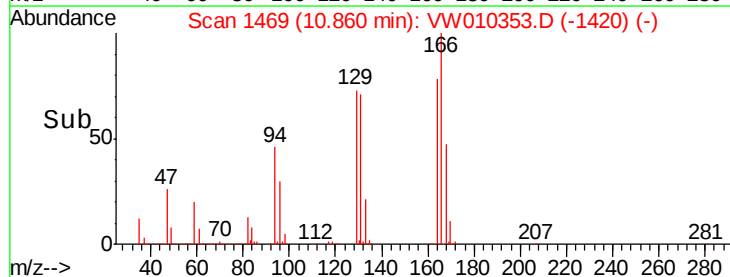
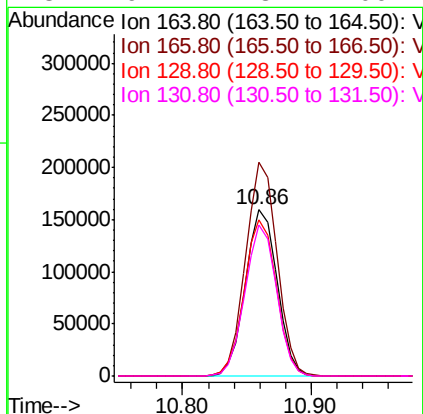
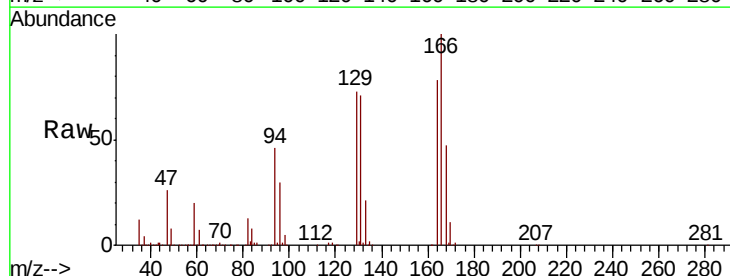
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

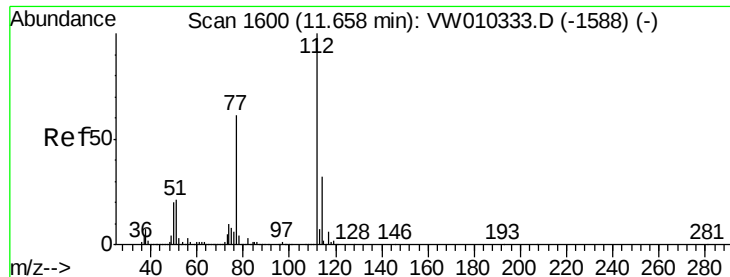
Tgt Ion:117 Resp: 1878570
Ion Ratio Lower Upper
117 100
82 59.4 45.2 67.8
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 20.611 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:164 Resp: 270619
Ion Ratio Lower Upper
164 100
166 128.8 101.2 151.8
129 94.0 77.8 116.6
131 91.1 73.1 109.7

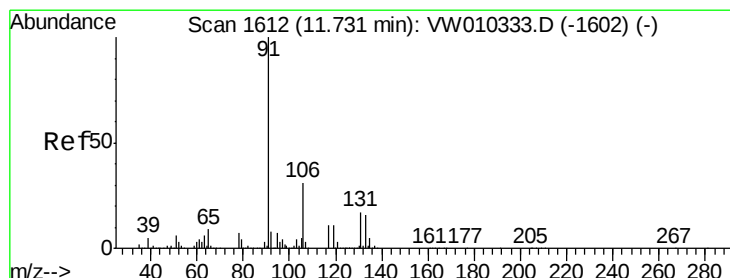
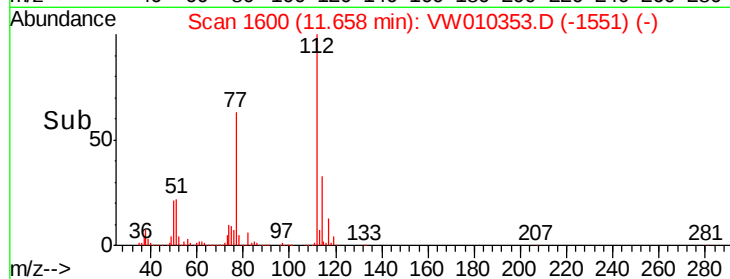
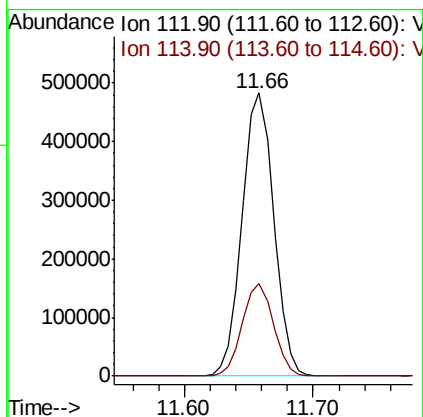
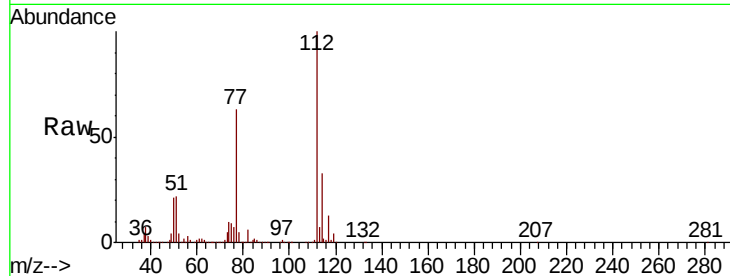




#65
Chlorobenzene
Concen: 21.105 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

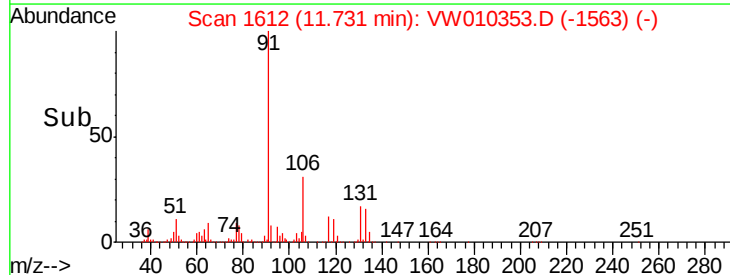
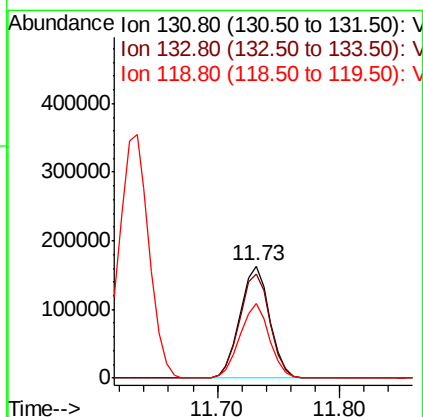
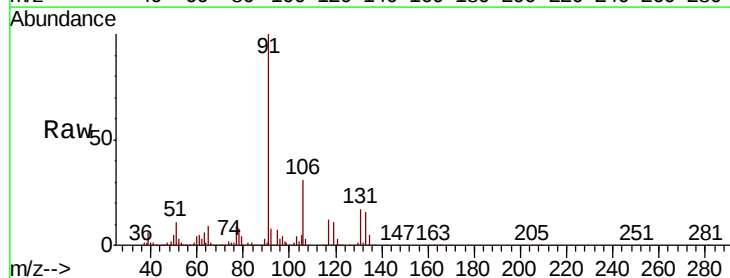
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

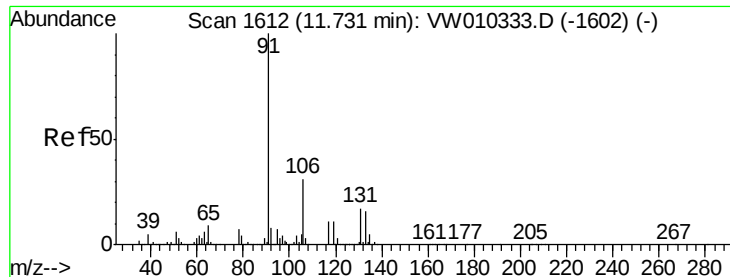
Tgt Ion:112 Resp: 820702
Ion Ratio Lower Upper
112 100
114 32.7 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.804 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:131 Resp: 273433
Ion Ratio Lower Upper
131 100
133 95.6 46.5 139.5
119 66.5 31.9 95.5

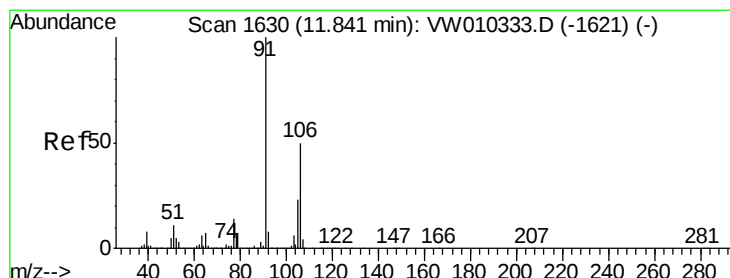
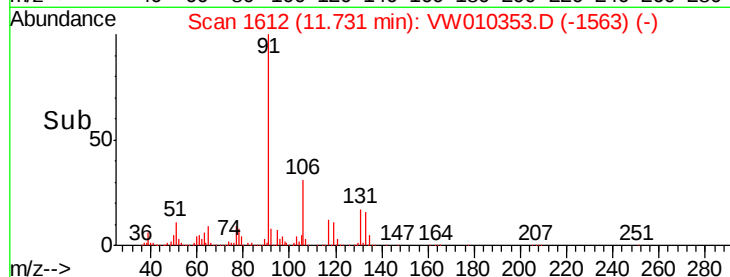
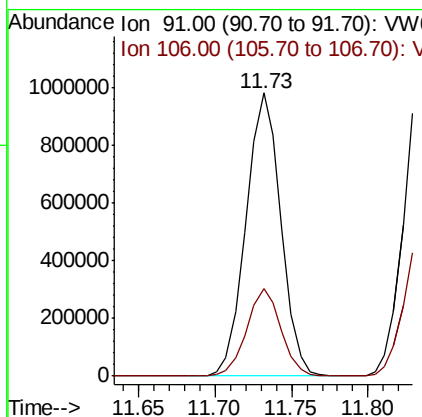
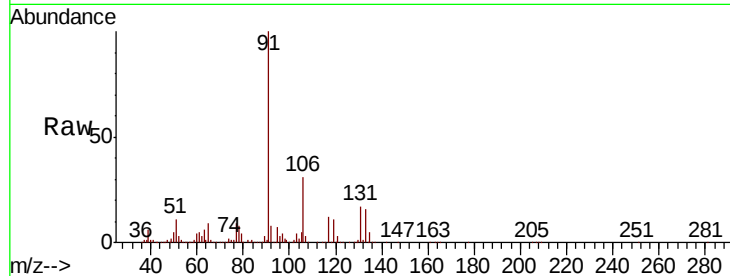




#67
Ethyl Benzene
Concen: 21.751 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

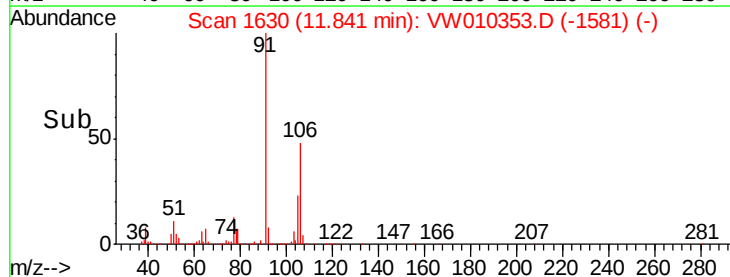
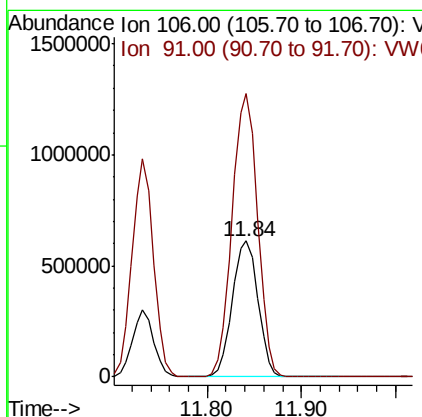
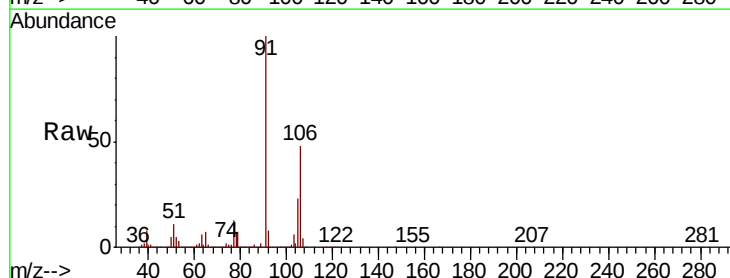
Instrument :
MSVOA_W
ClientSampled :
VW0510SBS01

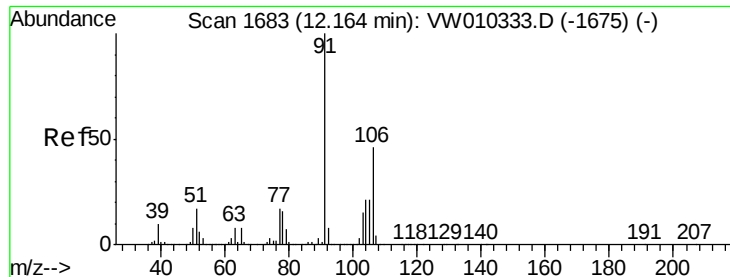
Tgt Ion: 91 Resp: 1556035
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.8



#68
m/p-Xylenes
Concen: 43.662 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 106 Resp: 1160523
Ion Ratio Lower Upper
106 100
91 206.5 165.0 247.6

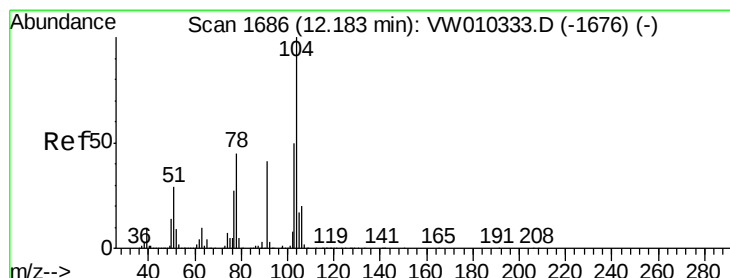
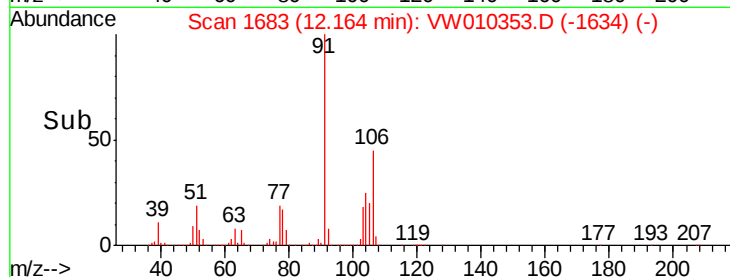
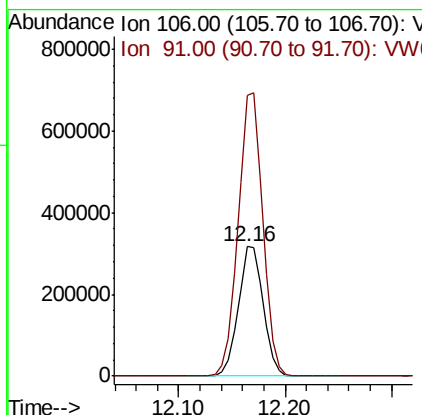
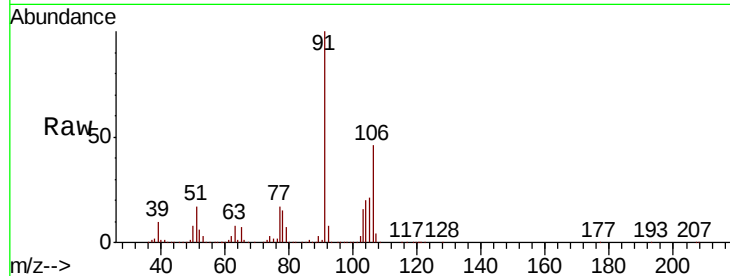




#69
o-Xylene
Concen: 21.630 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

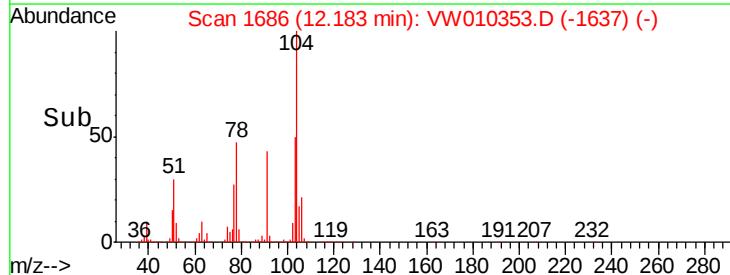
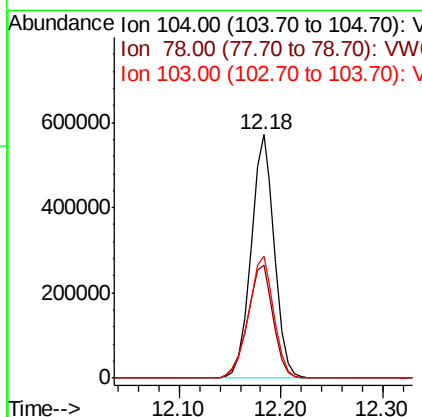
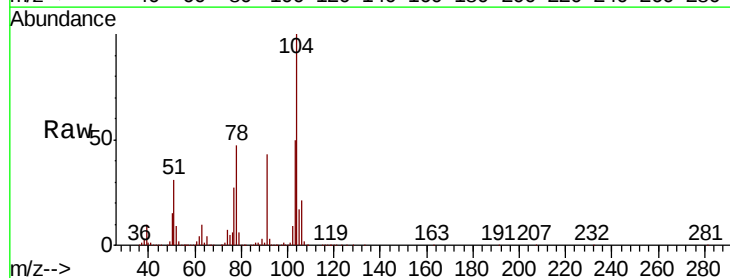
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

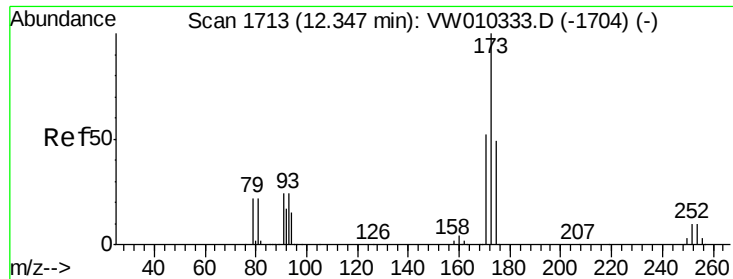
Tgt Ion:106 Resp: 520075
Ion Ratio Lower Upper
106 100
91 216.8 110.5 331.4



#70
Styrene
Concen: 21.607 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:104 Resp: 905232
Ion Ratio Lower Upper
104 100
78 51.2 42.5 63.7
103 54.6 43.6 65.4





#71

Bromoform

Concen: 18.497 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampled :

VW0510SBS01

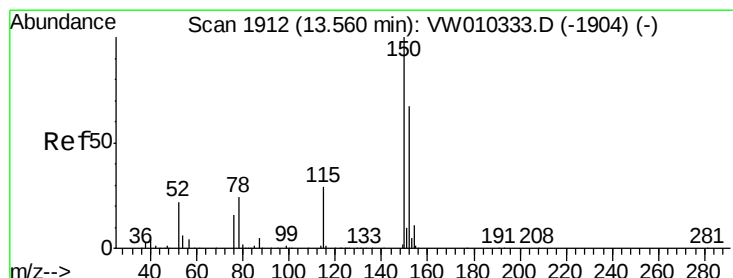
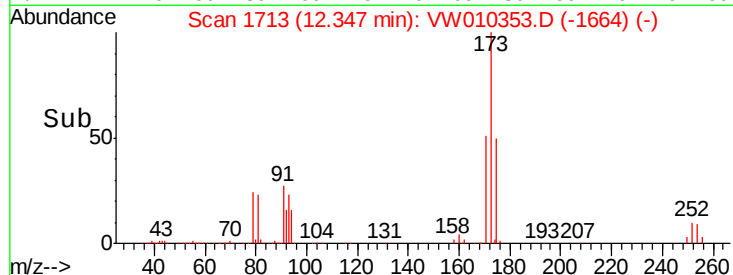
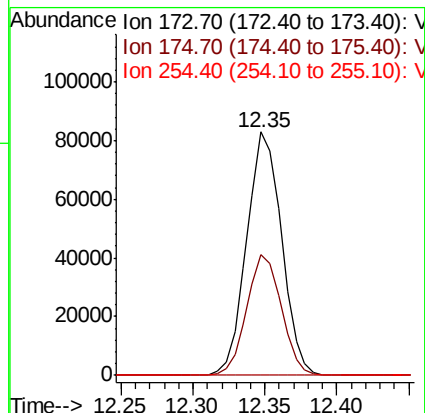
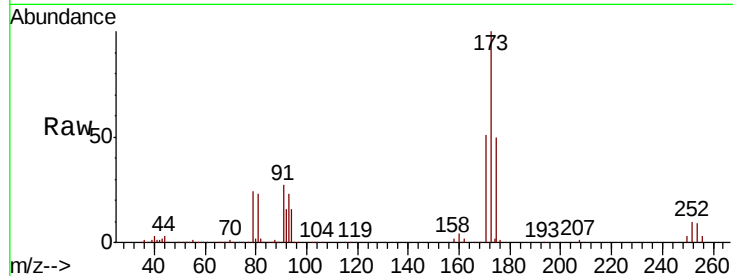
Tgt Ion:173 Resp: 138977

Ion Ratio Lower Upper

173 100

175 49.2 23.8 71.4

254 0.1 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: VW010353.D

Acq: 10 May 2019 13:46

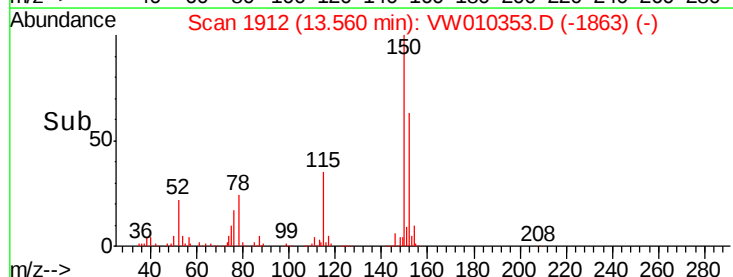
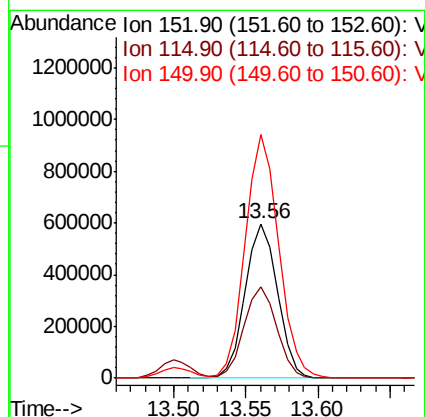
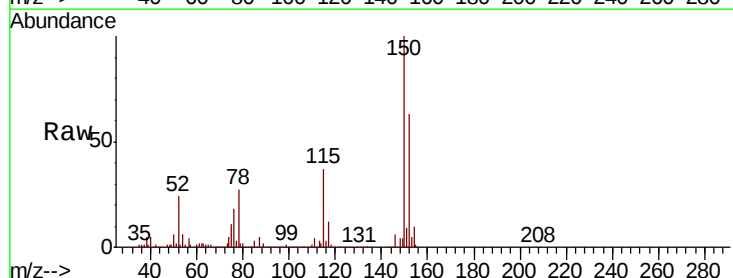
Tgt Ion:152 Resp: 930226

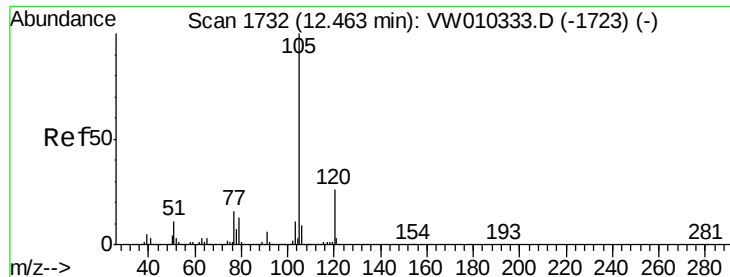
Ion Ratio Lower Upper

152 100

115 59.5 30.4 91.2

150 162.6 0.0 347.0





#73

Isopropylbenzene

Concen: 21.960 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

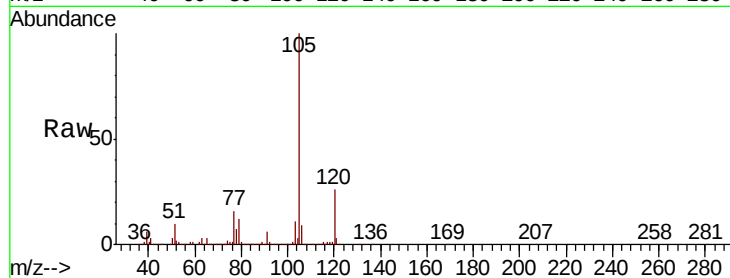
VW0510SBS01

Tgt Ion:105 Resp: 1488953

Ion Ratio Lower Upper

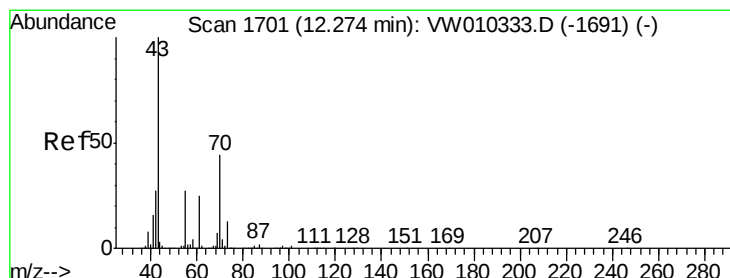
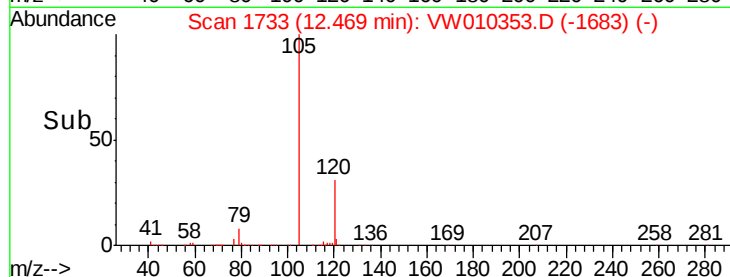
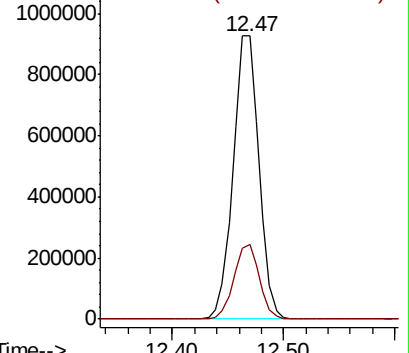
105 100

120 25.9 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: 18.911 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Tgt Ion: 43 Resp: 331271

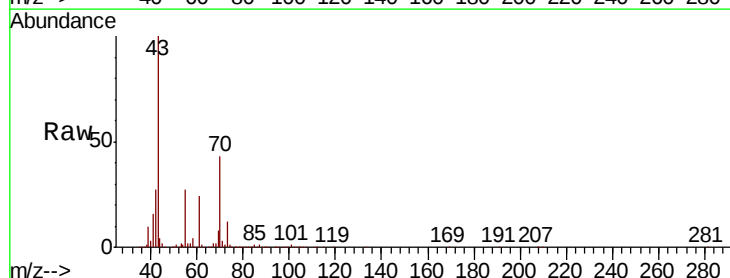
Ion Ratio Lower Upper

43 100

70 42.4 31.3 46.9

55 27.5 20.0 30.0

61 24.2 17.8 26.8

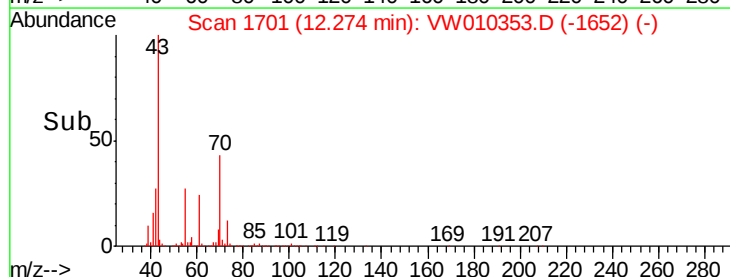
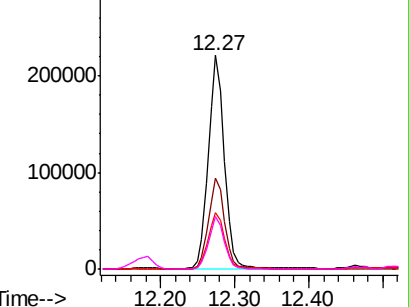


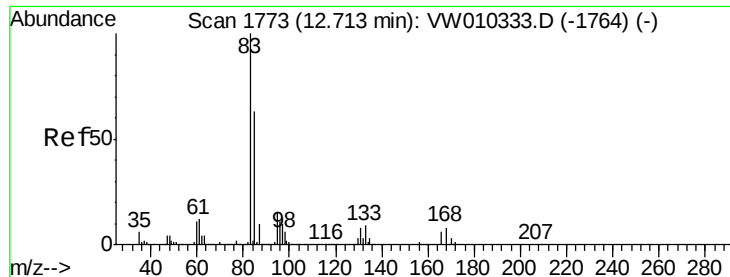
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 18.625 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

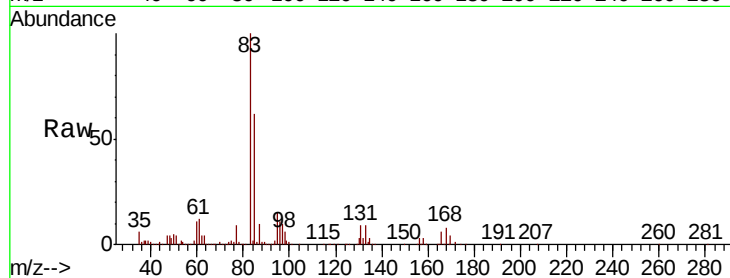
Tgt Ion: 83 Resp: 278256

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

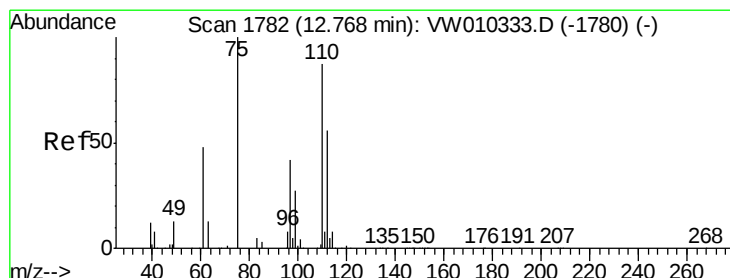
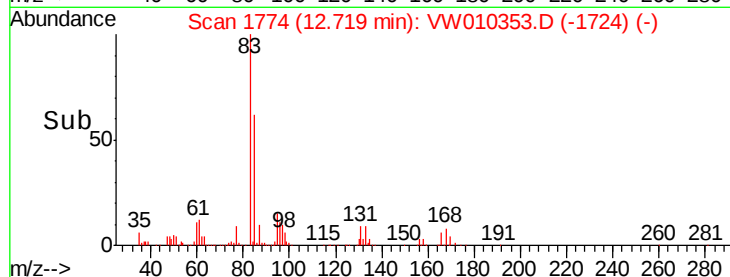
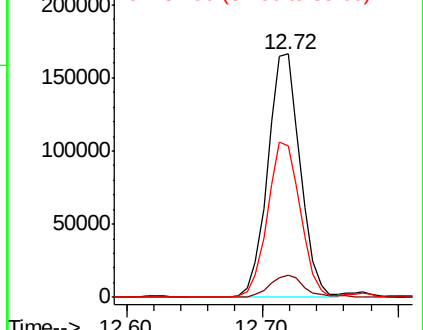
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.407 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010353.D

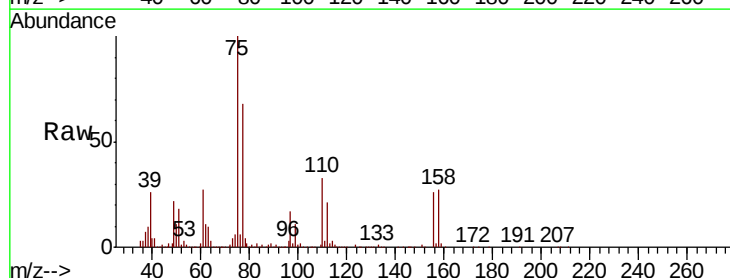
Acq: 10 May 2019 13:46

Tgt Ion: 75 Resp: 362323

Ion Ratio Lower Upper

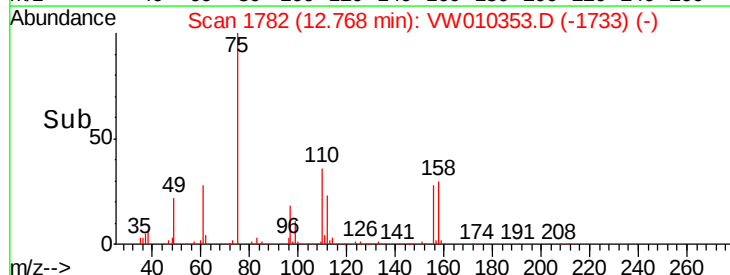
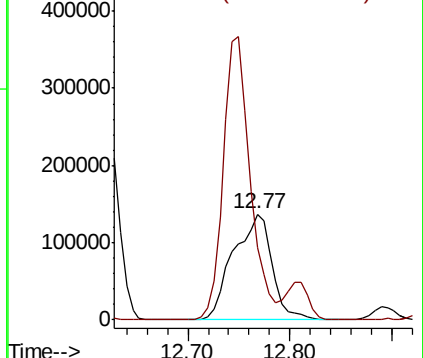
75 100

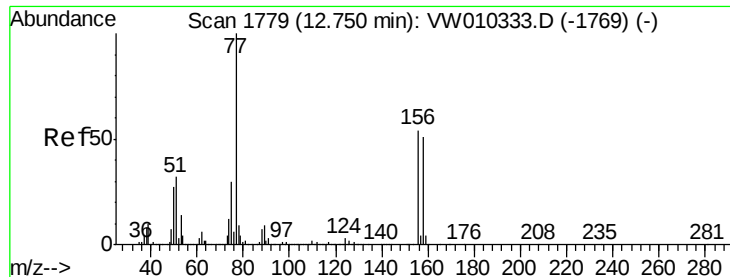
77 185.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.766 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

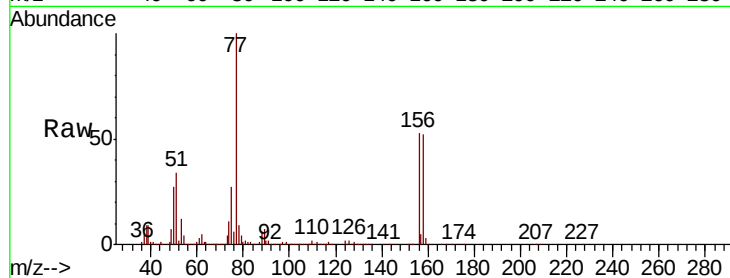
Tgt Ion:156 Resp: 317921

Ion Ratio Lower Upper

156 100

77 211.1 102.5 307.4

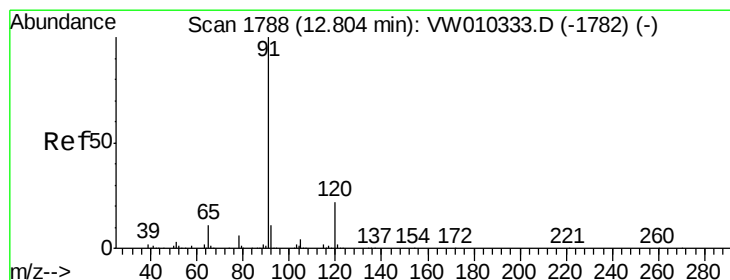
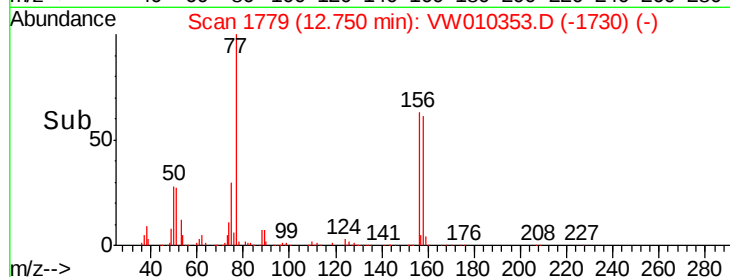
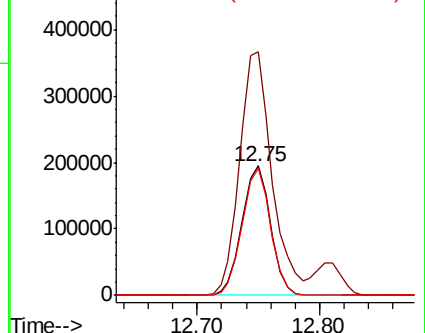
158 97.3 48.8 146.4



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: 22.245 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010353.D

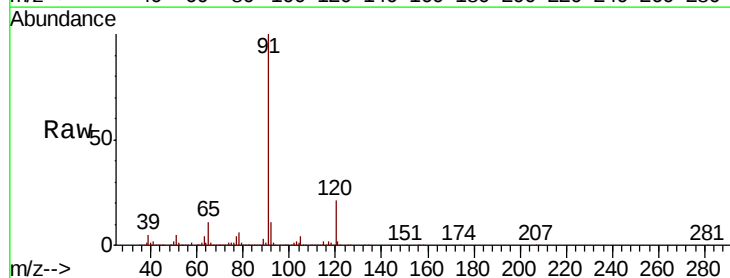
Acq: 10 May 2019 13:46

Tgt Ion: 91 Resp: 1862853

Ion Ratio Lower Upper

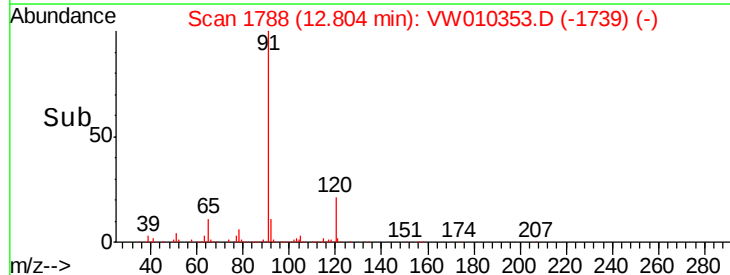
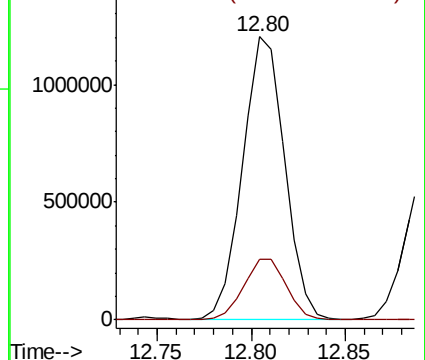
91 100

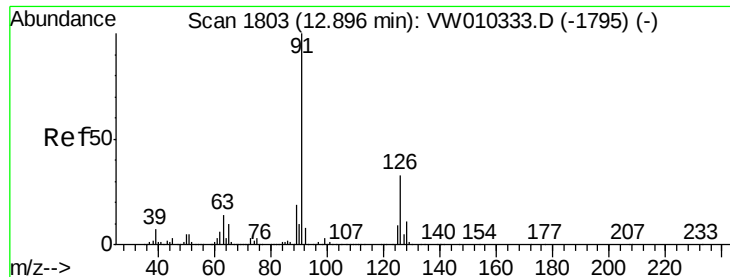
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.778 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

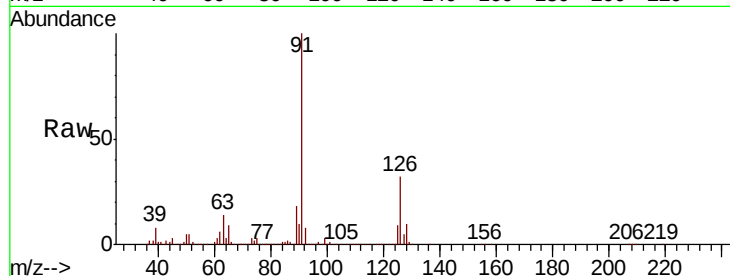
VW0510SBS01

Tgt Ion: 91 Resp: 1038628

Ion Ratio Lower Upper

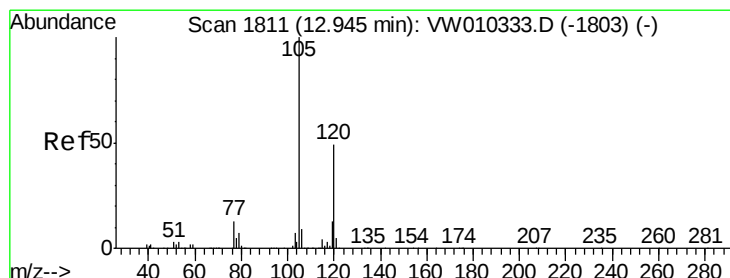
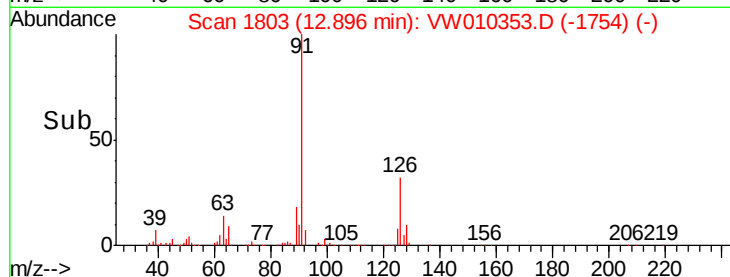
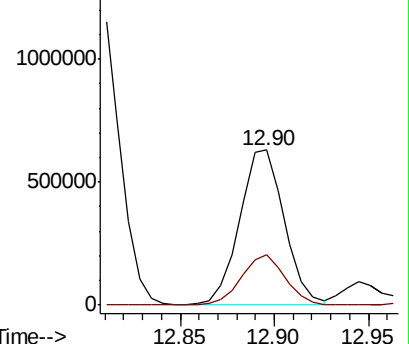
91 100

126 31.5 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: 22.170 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010353.D

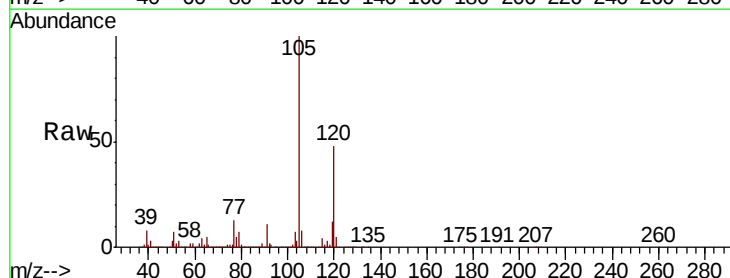
Acq: 10 May 2019 13:46

Tgt Ion: 105 Resp: 1267268

Ion Ratio Lower Upper

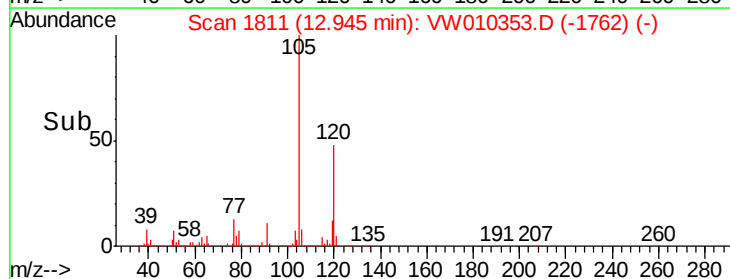
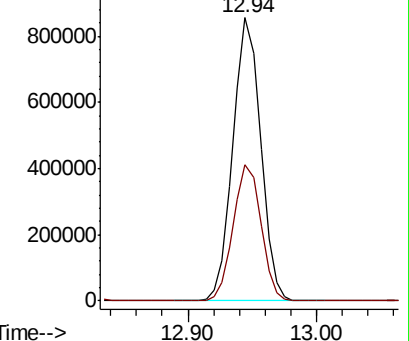
105 100

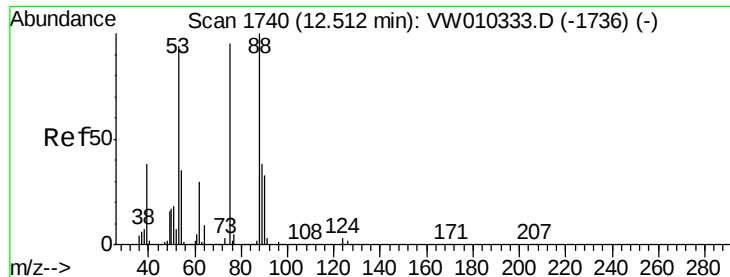
120 48.4 24.3 72.8



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: 17.735 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

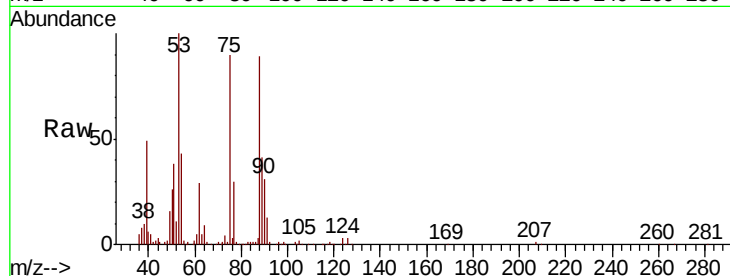
Tgt Ion: 75 Resp: 85173

Ion Ratio Lower Upper

75 100

53 107.2 89.8 134.8

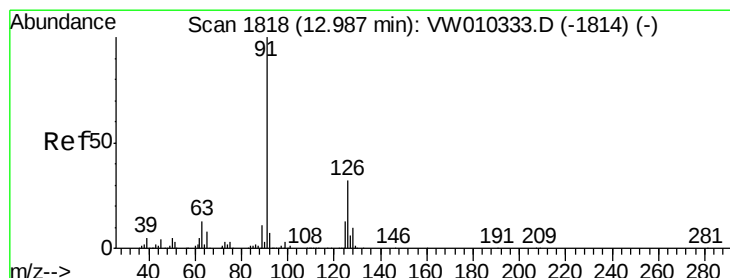
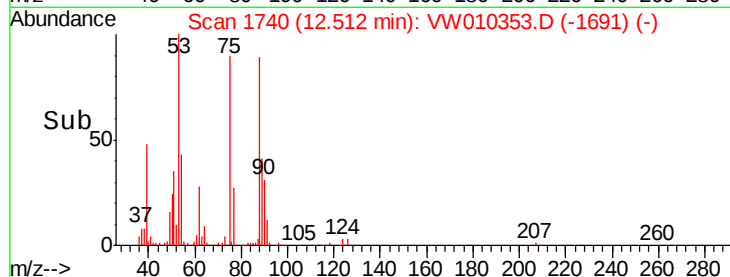
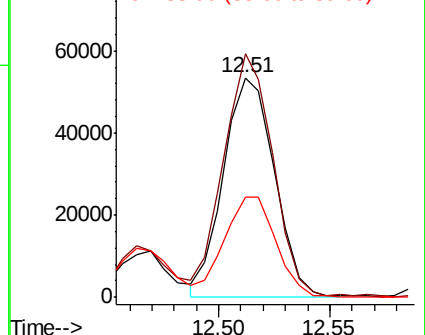
89 46.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.819 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW010353.D

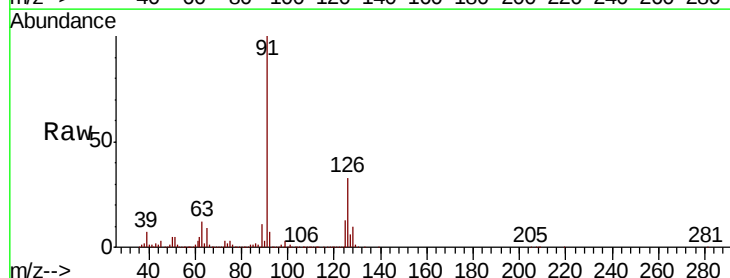
Acq: 10 May 2019 13:46

Tgt Ion: 91 Resp: 1090258

Ion Ratio Lower Upper

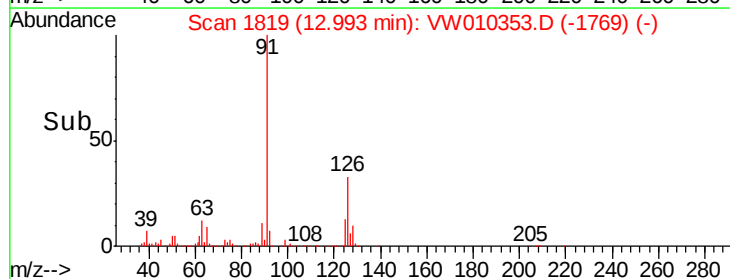
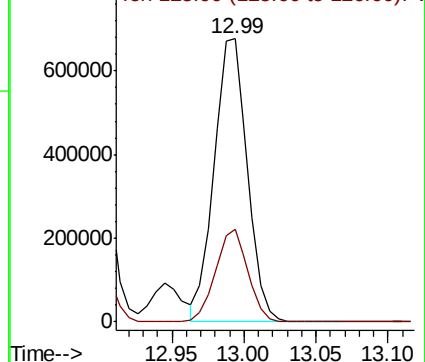
91 100

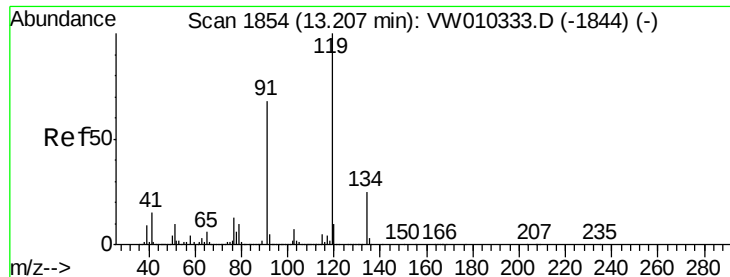
126 31.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.663 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

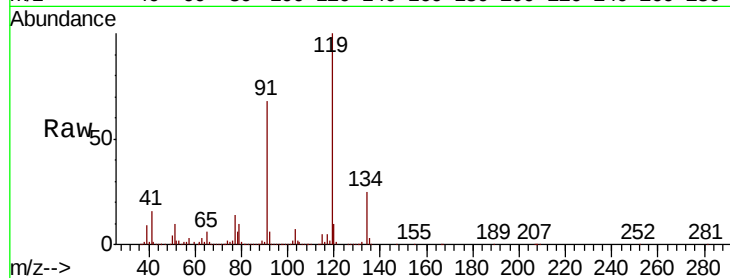
Tgt Ion:119 Resp: 1032849

Ion Ratio Lower Upper

119 100

91 68.3 34.8 104.4

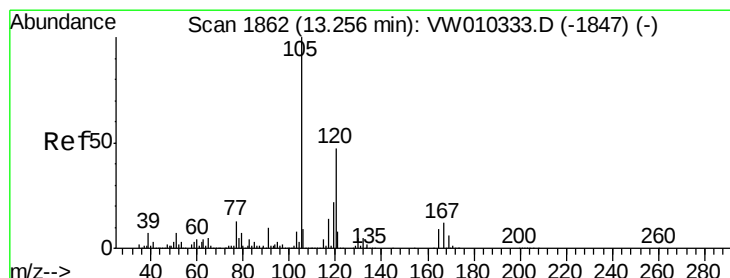
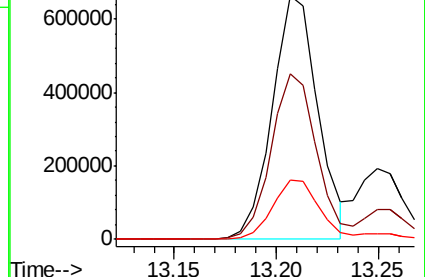
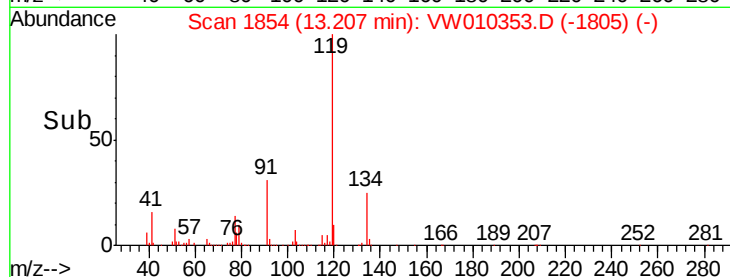
134 24.9 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.299 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW010353.D

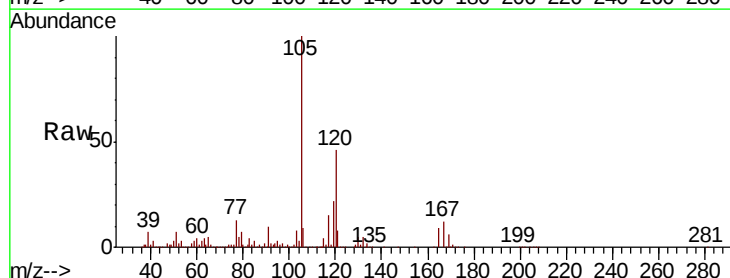
Acq: 10 May 2019 13:46

Tgt Ion:105 Resp: 1266648

Ion Ratio Lower Upper

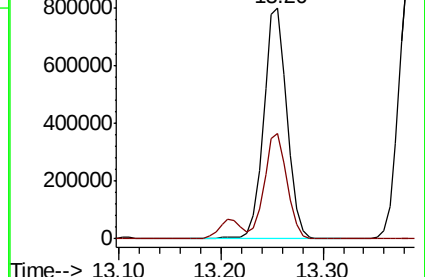
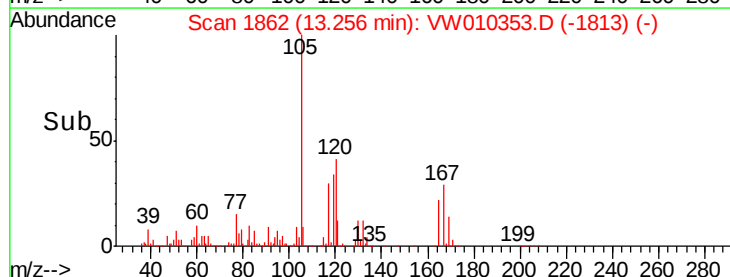
105 100

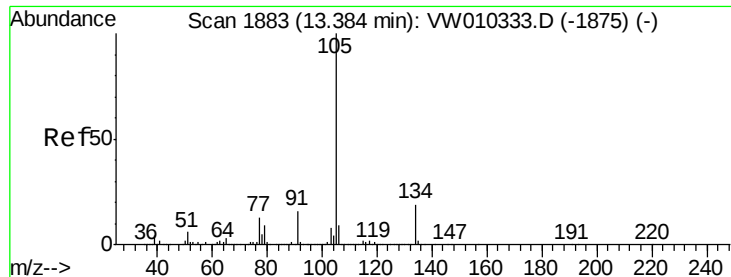
120 44.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

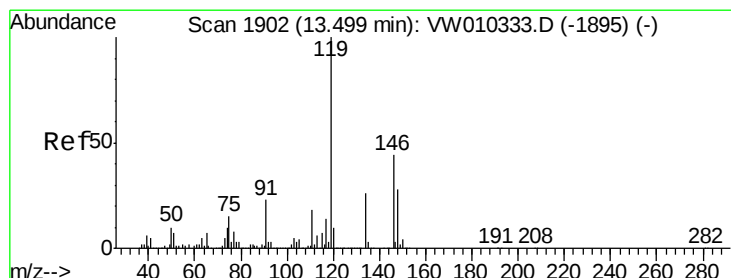
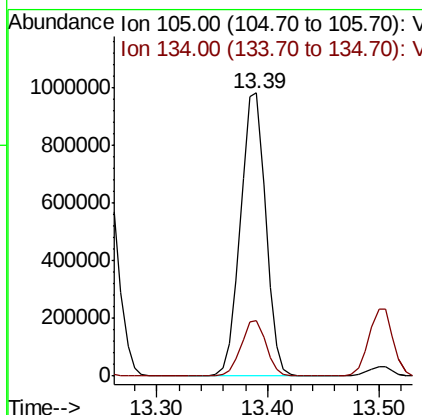
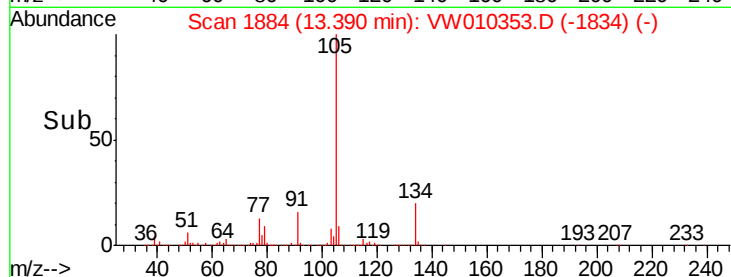
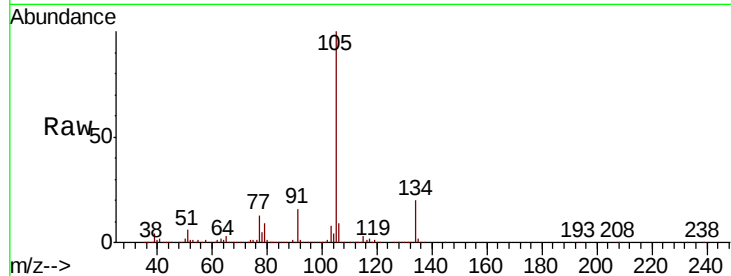




#85
 sec-Butylbenzene
 Concen: 21.922 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

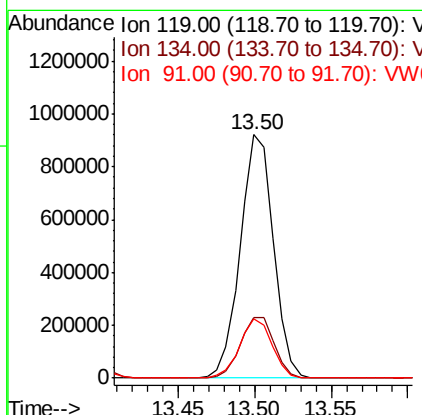
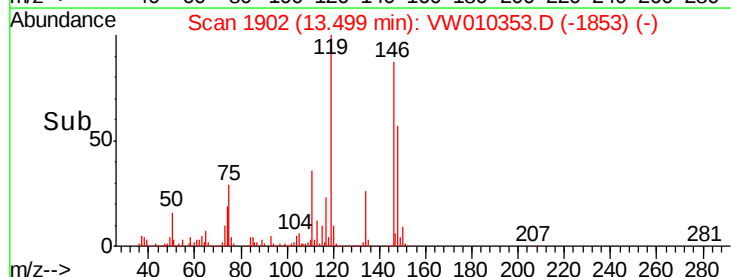
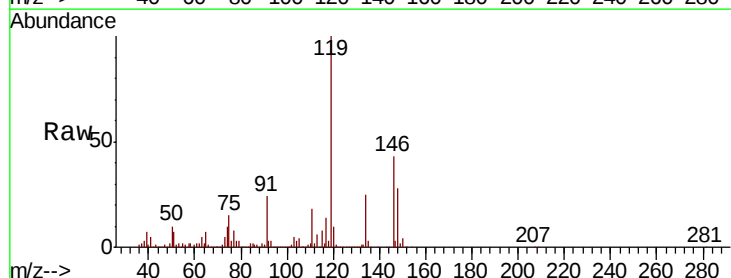
Instrument :
 MSVOA_W
 ClientSampled :
 VW0510SBS01

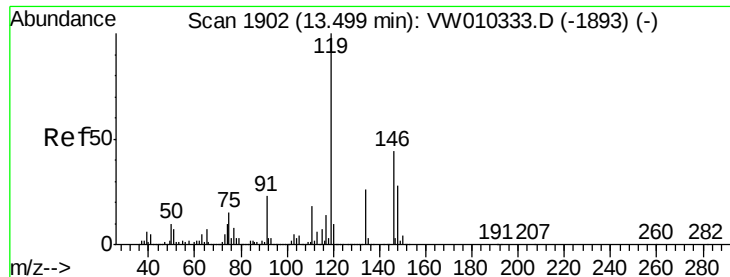
Tgt Ion:105 Resp: 1543003
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 22.145 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion:119 Resp: 1383898
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.9 12.3 36.9

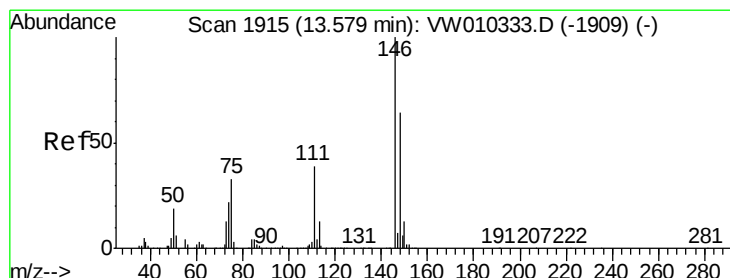
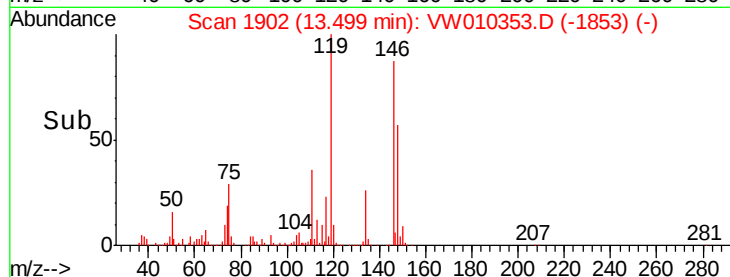
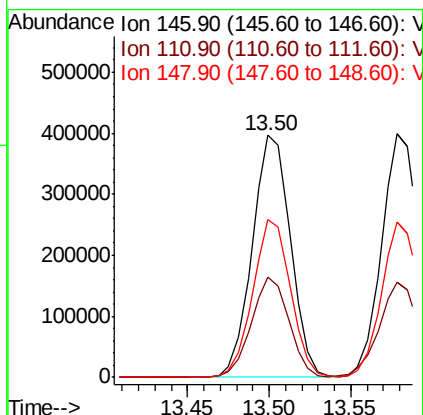
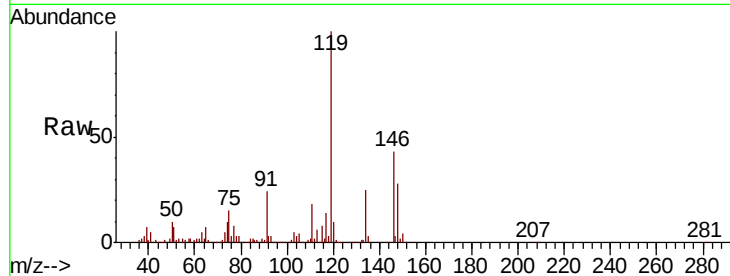




#87
 1,3-Dichlorobenzene
 Concen: 21.153 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

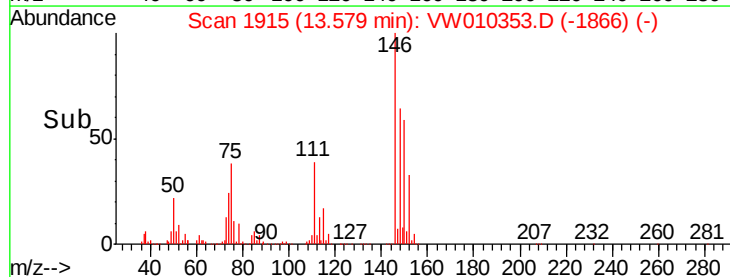
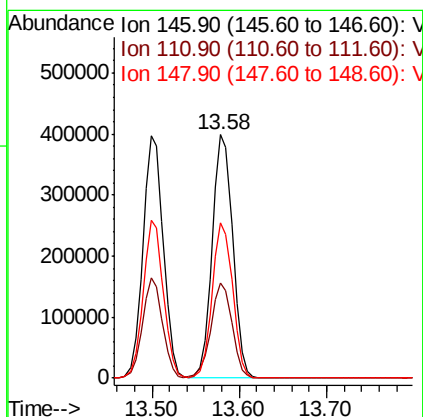
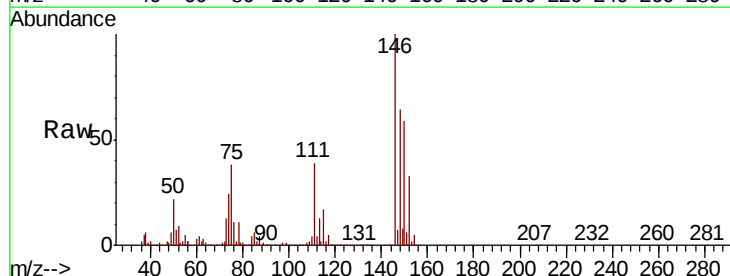
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

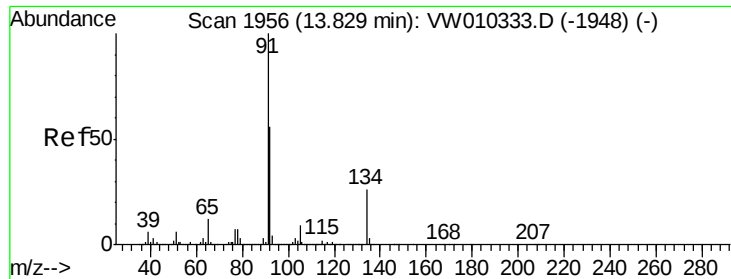
Tgt Ion:146 Resp: 646686
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 64.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.288 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion:146 Resp: 645857
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.3
 148 63.7 31.8 95.3

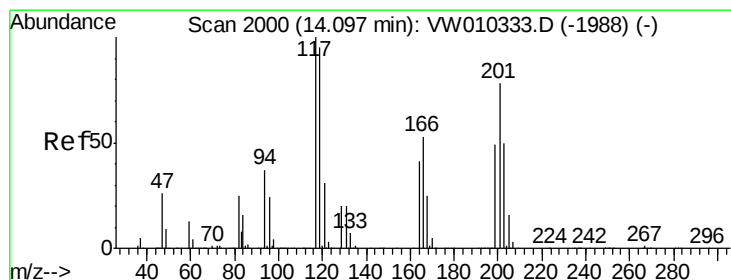
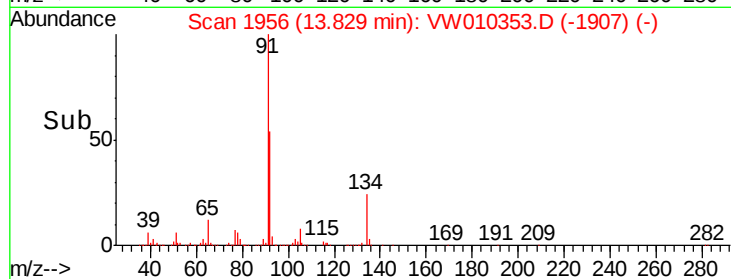
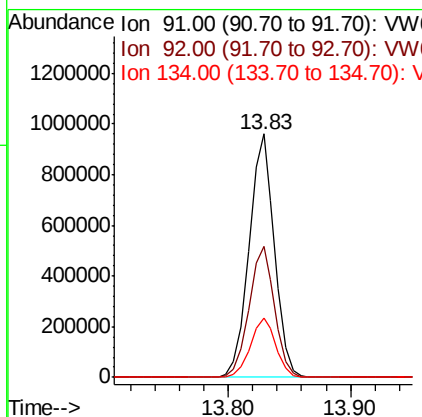
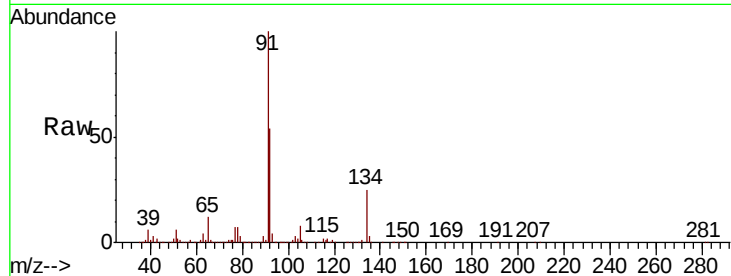




#89
n-Butylbenzene
Concen: 21.957 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

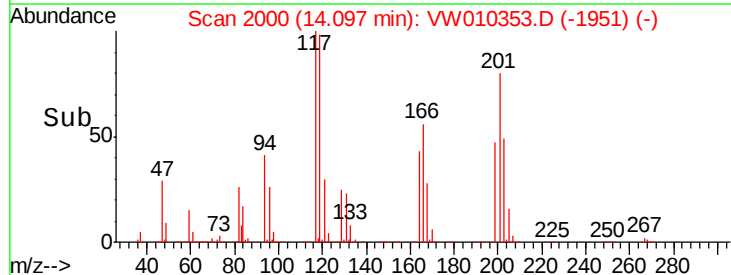
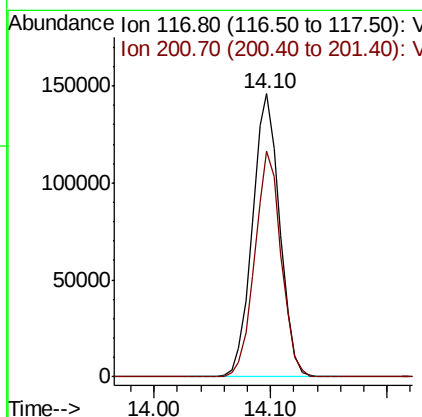
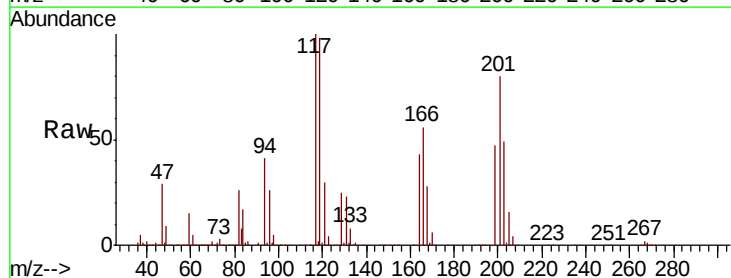
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

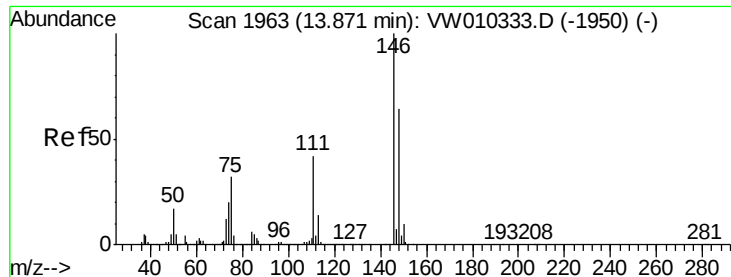
Tgt Ion: 91 Resp: 1375849
Ion Ratio Lower Upper
91 100
92 54.2 26.5 79.4
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 20.570 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion: 117 Resp: 238421
Ion Ratio Lower Upper
117 100
201 77.4 36.1 108.3





#91

1,2-Dichlorobenzene

Concen: 21.144 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS01

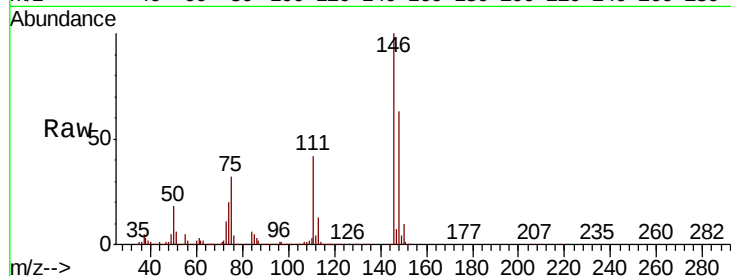
Tgt Ion:146 Resp: 572203

Ion Ratio Lower Upper

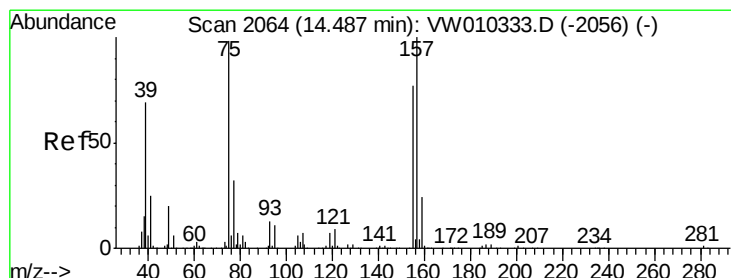
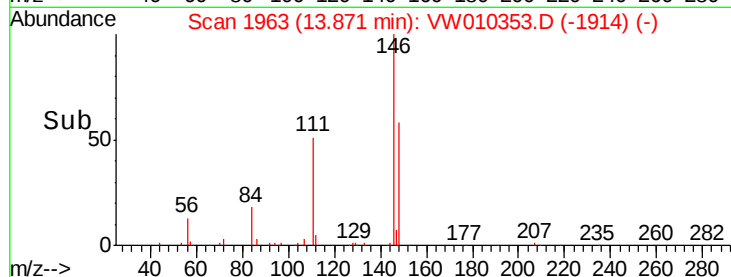
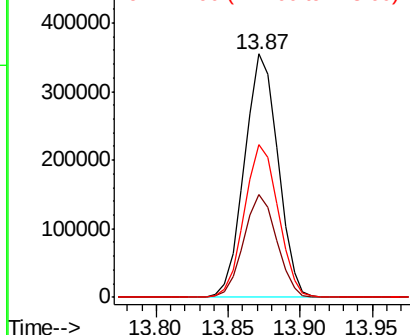
146 100

111 41.8 20.9 62.8

148 63.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.968 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010353.D

Acq: 10 May 2019 13:46

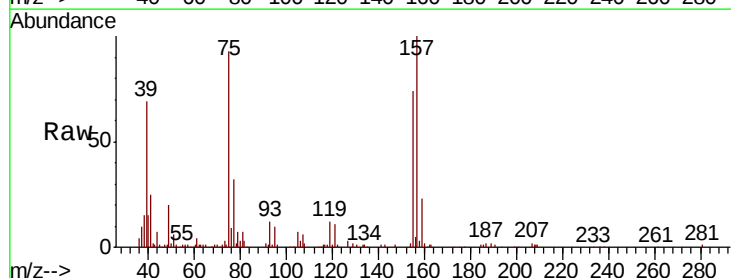
Tgt Ion: 75 Resp: 45649

Ion Ratio Lower Upper

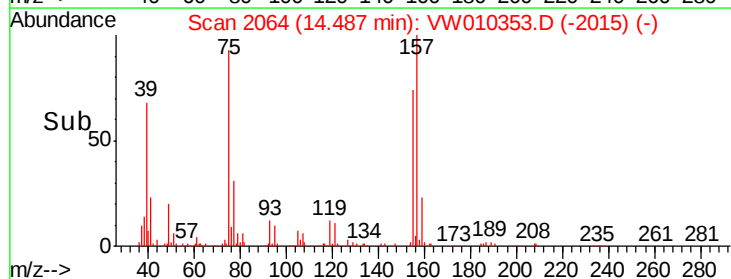
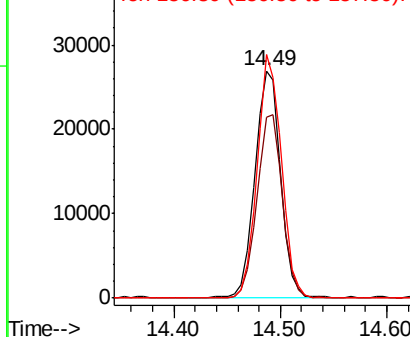
75 100

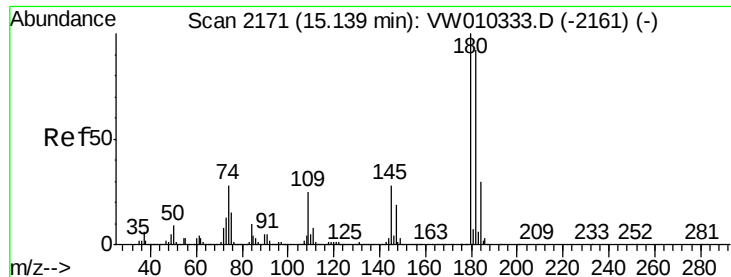
155 79.7 37.1 111.5

157 100.6 47.3 141.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

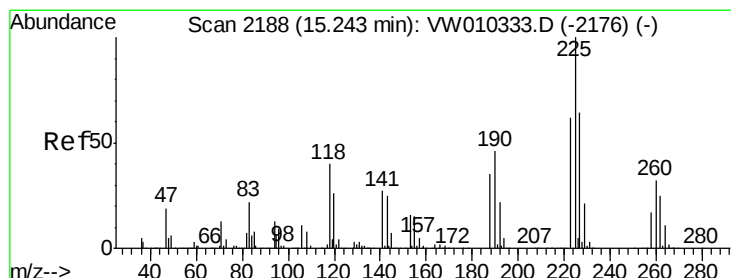
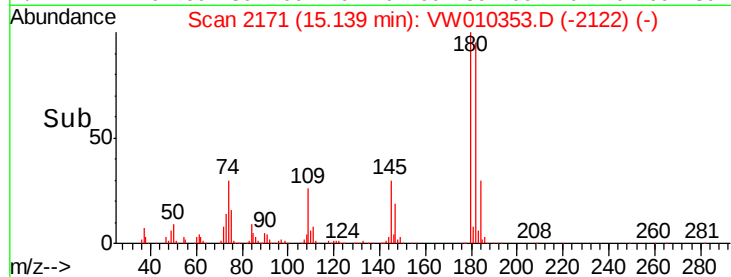
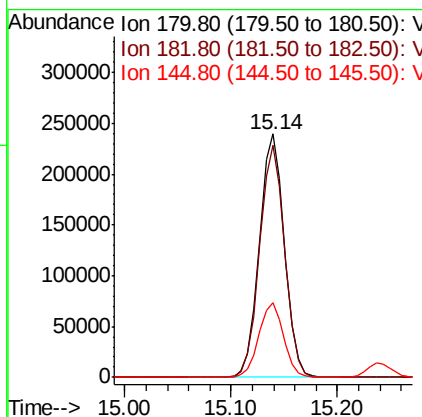
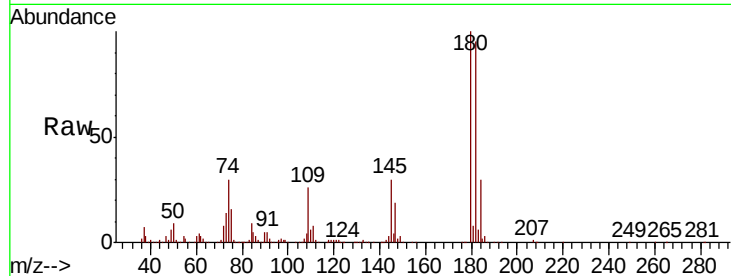




#93
 1,2,4-Trichlorobenzene
 Concen: 21.322 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

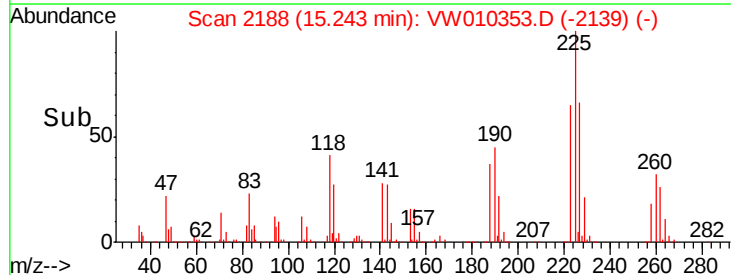
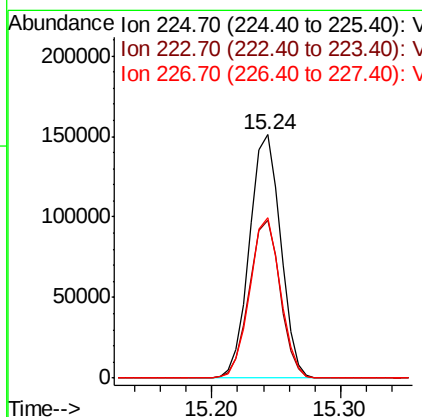
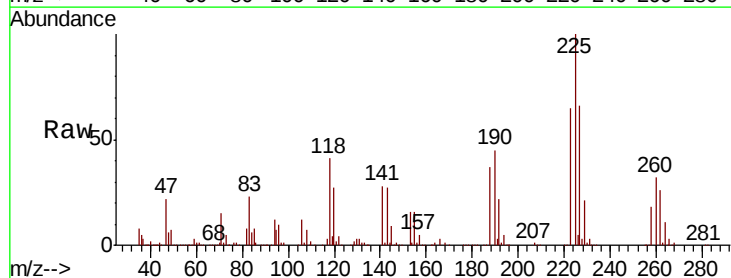
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS01

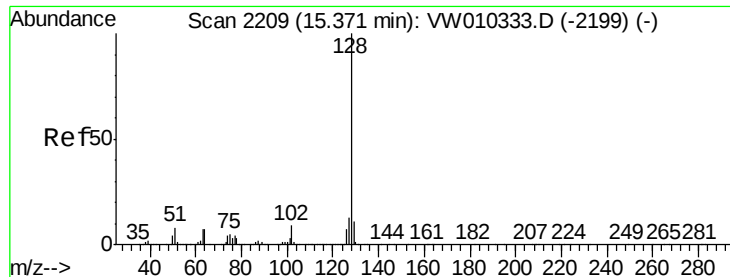
Tgt Ion:180 Resp: 393818
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.1 141.4
 145 30.7 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 21.296 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010353.D
 Acq: 10 May 2019 13:46

Tgt Ion:225 Resp: 252154
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.5
 227 64.6 31.8 95.3

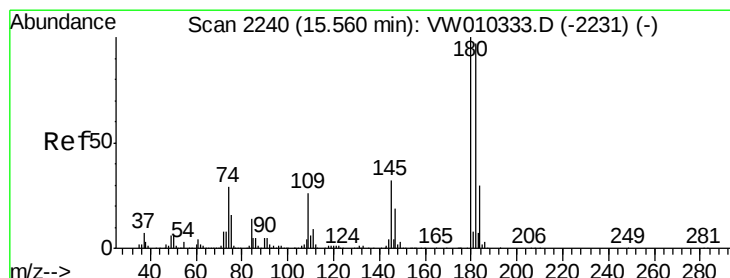
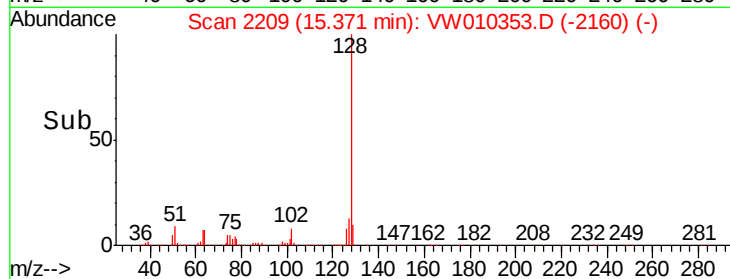
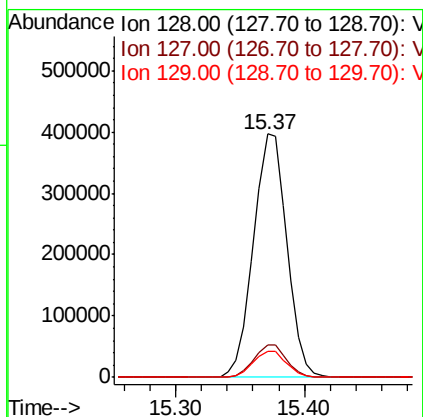
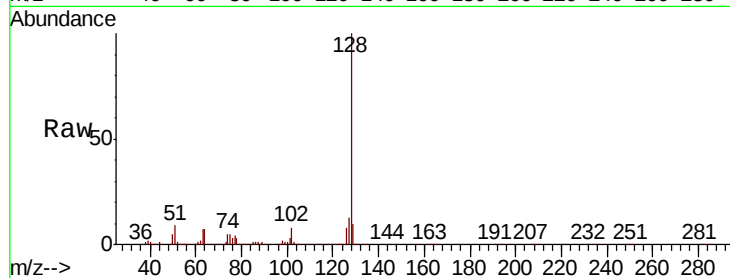




#95
Naphthalene
Concen: 19.198 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS01

Tgt Ion:128 Resp: 709353
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.575 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW010353.D
Acq: 10 May 2019 13:46

Tgt Ion:180 Resp: 343295
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 32.3 16.4 49.2

