

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011744.D
 Acq On : 07 Aug 2019 12:13
 Operator : SY/VA
 Sample : VW0808SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

Quant Time: Aug 07 12:38:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147271	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
35) Dibromofluoromethane	7.88	113	117200	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
50) Toluene-d8	10.32	98	483503	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	
62) 4-Bromofluorobenzene	12.61	95	170971	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32638	25.284	ug/l	94
3) Chloromethane	2.21	50	47715	21.317	ug/l	95
4) Vinyl Chloride	2.36	62	58820	21.827	ug/l	99
5) Bromomethane	2.77	94	28294	18.969	ug/l	96
6) Chloroethane	2.92	64	31911	20.730	ug/l	99
7) Trichlorofluoromethane	3.25	101	29133	24.190	ug/l	97
8) Diethyl Ether	3.68	74	27363	20.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	50231	21.986	ug/l	100
10) Methyl Iodide	4.28	142	66619	20.634	ug/l	99
11) Tert butyl alcohol	5.18	59	19846	89.675	ug/l	97
12) 1,1-Dichloroethene	4.04	96	50435	20.908	ug/l	96
13) Acrolein	3.90	56	14293	74.896	ug/l	93
14) Allyl chloride	4.67	41	107331	20.920	ug/l	99
15) Acrylonitrile	5.37	53	68757	100.868	ug/l	99
16) Acetone	4.13	43	70201	82.977	ug/l	98
17) Carbon Disulfide	4.38	76	157487	20.860	ug/l	98
18) Methyl Acetate	4.67	43	39683	20.879	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	79349	20.729	ug/l	99
20) Methylene Chloride	4.92	84	57826	19.819	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	55160	21.210	ug/l	99
22) Diisopropyl ether	6.31	45	200673	20.746	ug/l	99
23) Vinyl Acetate	6.26	43	617675	101.623	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107329	20.718	ug/l	99
25) 2-Butanone	7.18	43	102969	93.012	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65423	20.535	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	57994	20.262	ug/l	97
28) Bromochloromethane	7.51	49	47999	20.874	ug/l	98
29) Tetrahydrofuran	7.53	42	62936	99.456	ug/l	100
30) Chloroform	7.68	83	99066	20.728	ug/l	98
31) Cyclohexane	7.95	56	105621	21.239	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	79800	21.924	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83719	22.077	ug/l	98
37) Ethyl Acetate	7.26	43	45358	20.790	ug/l	98
38) Carbon Tetrachloride	8.07	117	72714	22.398	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90721	21.726	ug/l	96
40) Benzene	8.32	78	227563	21.423	ug/l	100
41) Methacrylonitrile	7.48	41	25060	19.215	ug/l	94
42) 1,2-Dichloroethane	8.40	62	71772	21.581	ug/l	99
43) Isopropyl Acetate	8.43	43	84162	20.975	ug/l	100
44) Trichloroethene	9.09	130	54653	21.407	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61531	21.649	ug/l	100
46) Dibromomethane	9.46	93	27727	21.374	ug/l	99
47) Bromodichloromethane	9.65	83	71273	20.946	ug/l	99
48) Methyl methacrylate	9.43	41	39102	20.287	ug/l	97
49) 1,4-Dioxane	9.46	88	7707	410.323	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	215887	103.441	ug/l	99
52) Toluene	10.39	92	138295	21.559	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74494	20.957	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	87683	20.747	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38421	20.875	ug/l	99
56) Ethyl methacrylate	10.65	69	56656	21.036	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73200	21.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	132393	108.264	ug/l	100
59) 2-Hexanone	10.97	43	150524	102.147	ug/l	100
60) Dibromochloromethane	11.13	129	43232	21.161	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36661	21.048	ug/l	100
64) Tetrachloroethene	10.86	164	45604	21.818	ug/l	99
65) Chlorobenzene	11.66	112	137206	21.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47427	21.097	ug/l	98
67) Ethyl Benzene	11.73	91	263598	21.445	ug/l	100
68) m/p-Xylenes	11.84	106	191365	42.810	ug/l	100
69) o-Xylene	12.17	106	88510	21.308	ug/l	99
70) Styrene	12.18	104	153980	21.439	ug/l	100
71) Bromoform	12.35	173	24307	21.207	ug/l	98
73) Isopropylbenzene	12.46	105	249179	21.047	ug/l	99
74) N-amyl acetate	12.27	43	75700	20.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46367	20.821	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62364	37.139	ug/l #	100
77) Bromobenzene	12.75	156	55307	21.135	ug/l	98
78) n-propylbenzene	12.80	91	308695	21.425	ug/l	99
79) 2-Chlorotoluene	12.89	91	175996	21.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211012	21.262	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15029	20.627	ug/l	100
82) 4-Chlorotoluene	12.99	91	184169	21.147	ug/l	100
83) tert-Butylbenzene	13.21	119	177901	21.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	210941	21.100	ug/l	100
85) sec-Butylbenzene	13.38	105	258355	21.817	ug/l	100
86) p-Isopropyltoluene	13.50	119	230336	21.438	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107309	20.914	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106185	20.804	ug/l	98
89) n-Butylbenzene	13.82	91	228825	21.341	ug/l	99
90) Hexachloroethane	14.09	117	39712	20.902	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	95269	20.993	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7899	20.800	ug/l	97

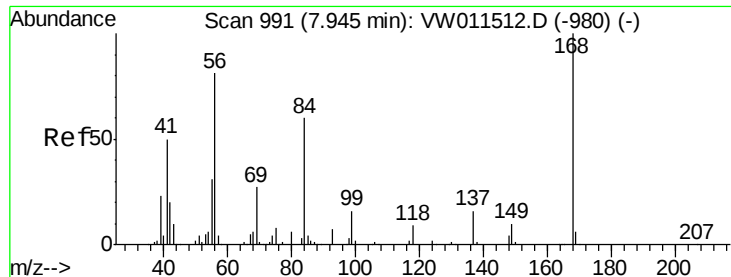
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
Data File : VW011744.D
Acq On : 07 Aug 2019 12:13
Operator : SY/VA
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66844	20.899	ug/l	99
94) Hexachlorobutadiene	15.24	225	44244	22.182	ug/l	99
95) Naphthalene	15.37	128	115714	19.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58279	20.788	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

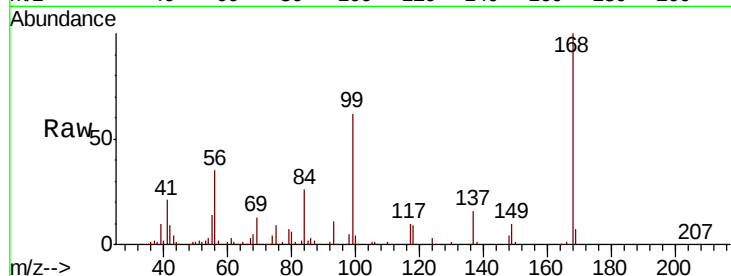
VW0808SBSD01

Tgt Ion:168 Resp: 231620

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

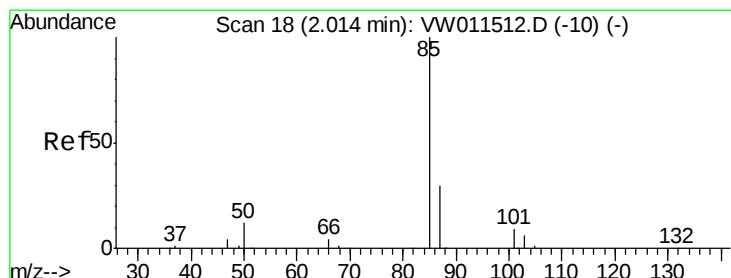
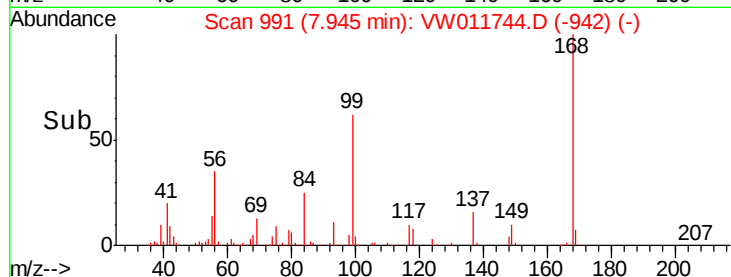
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 25.284 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011744.D

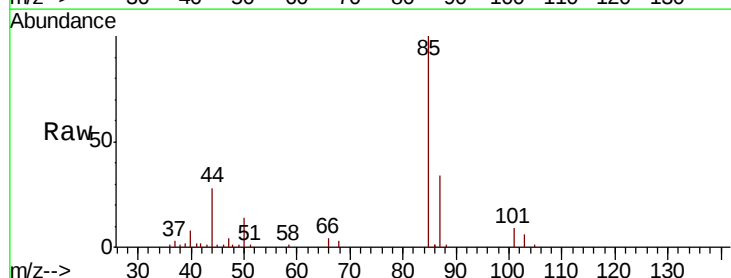
Acq: 07 Aug 2019 12:13

Tgt Ion: 85 Resp: 32638

Ion Ratio Lower Upper

85 100

87 33.9 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

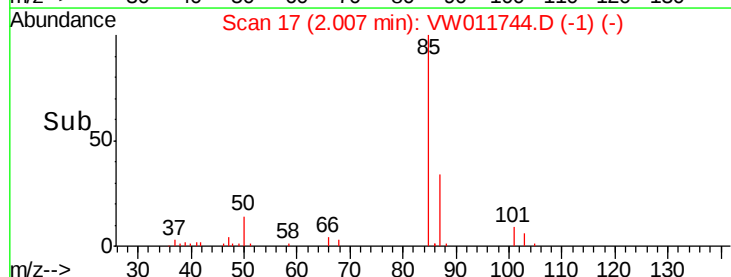
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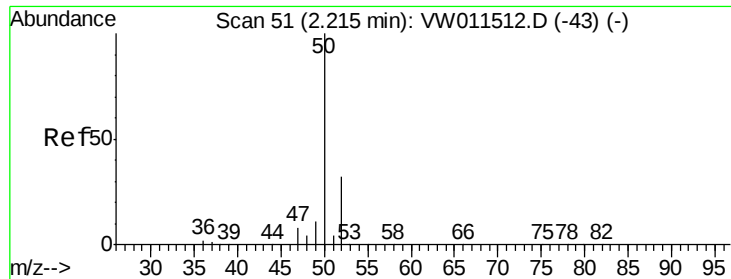
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.317 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

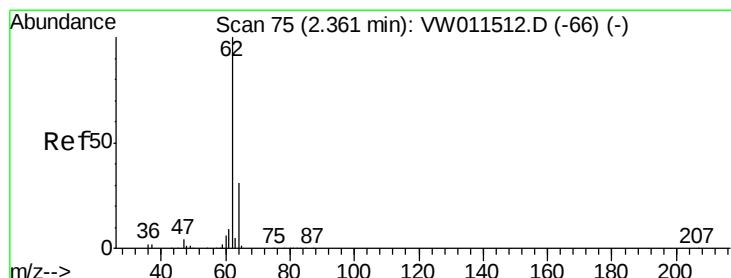
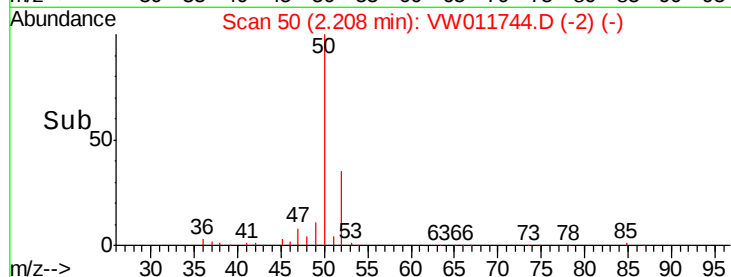
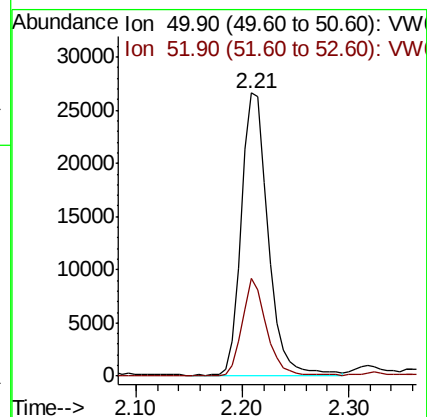
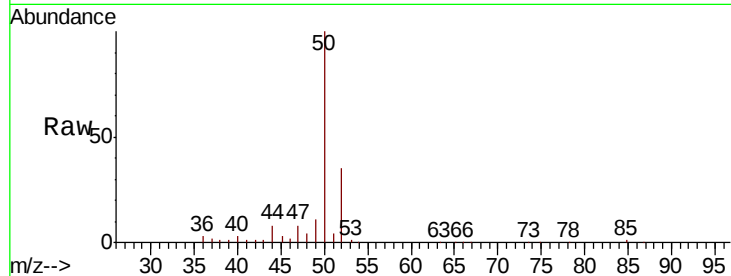
VW0808SBSD01

Tgt Ion: 50 Resp: 47715

Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.2



#4

Vinyl Chloride

Concen: 21.827 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011744.D

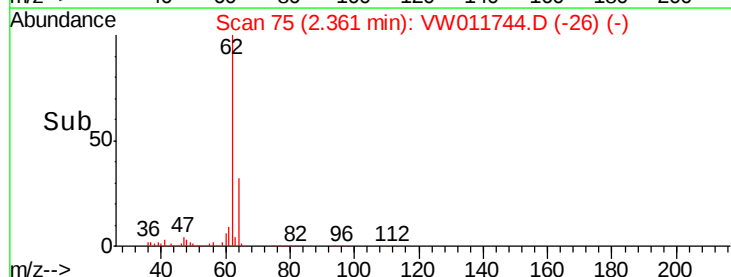
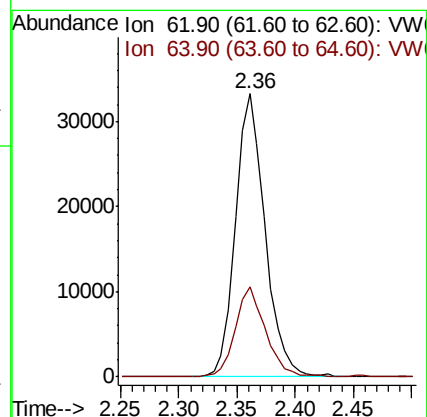
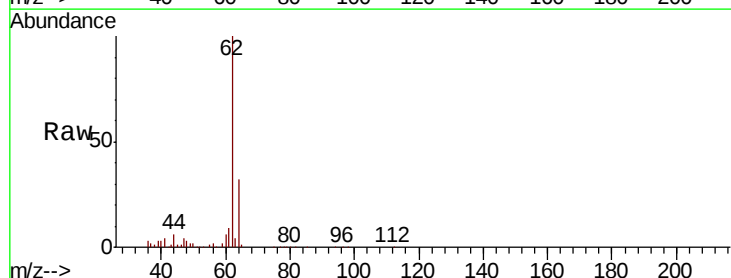
Acq: 07 Aug 2019 12:13

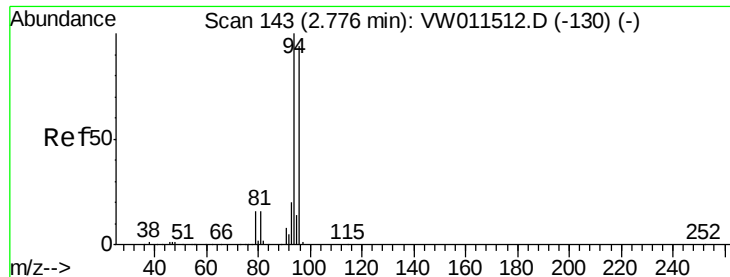
Tgt Ion: 62 Resp: 58820

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 18.969 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

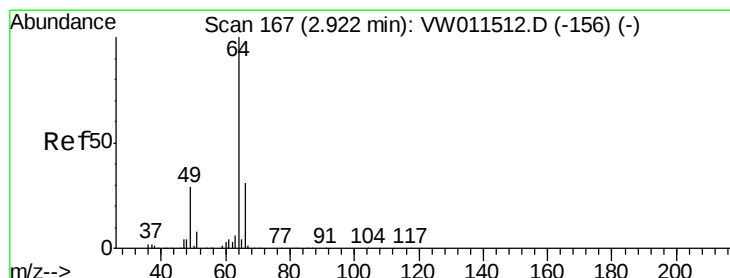
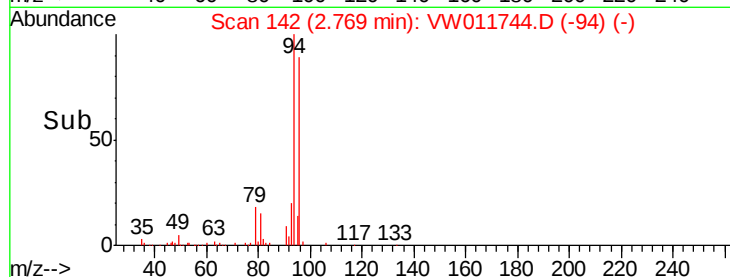
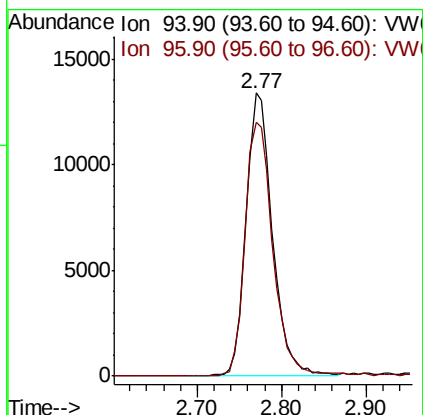
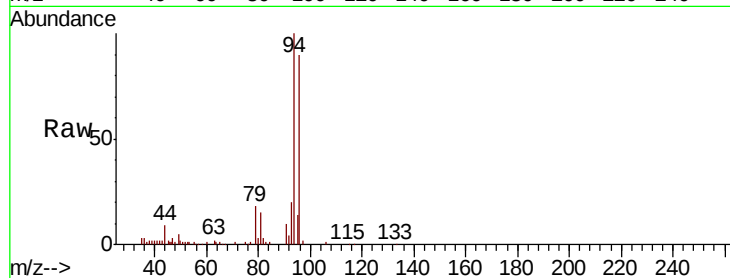
VW0808SBSD01

Tgt Ion: 94 Resp: 28294

Ion Ratio Lower Upper

94 100

96 89.8 75.0 112.6



#6

Chloroethane

Concen: 20.730 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011744.D

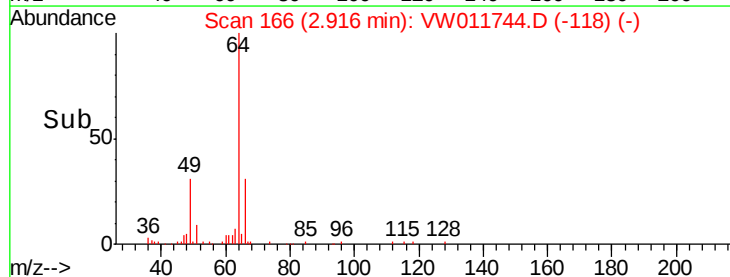
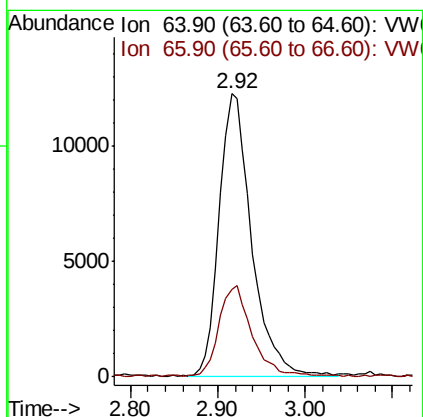
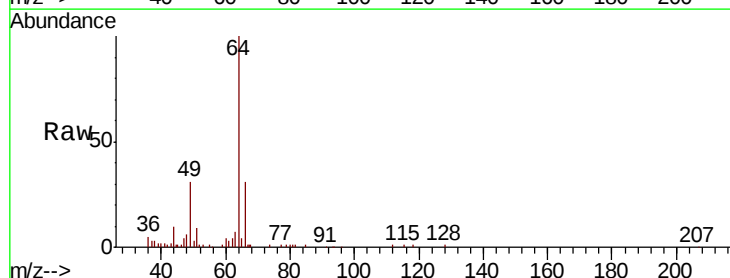
Acq: 07 Aug 2019 12:13

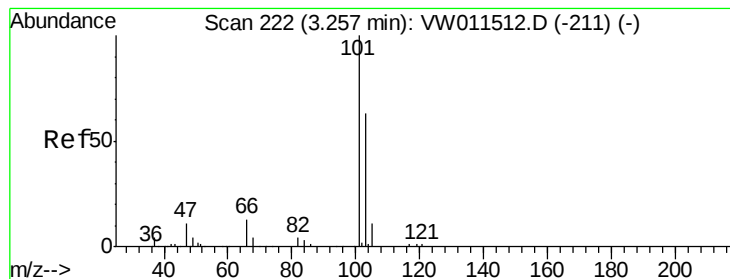
Tgt Ion: 64 Resp: 31911

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8



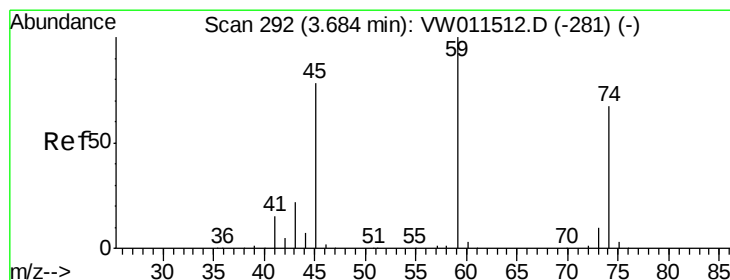
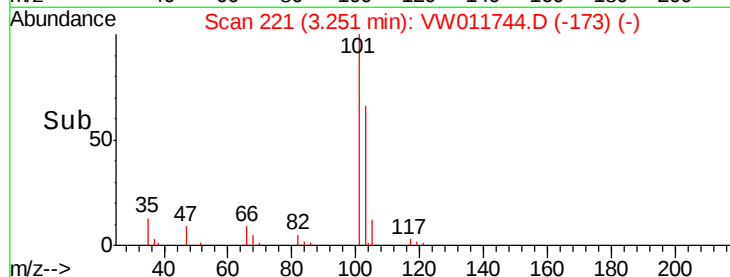
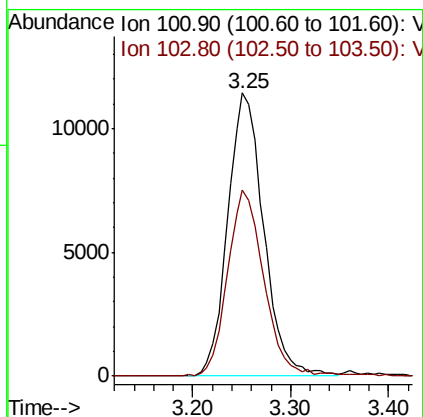
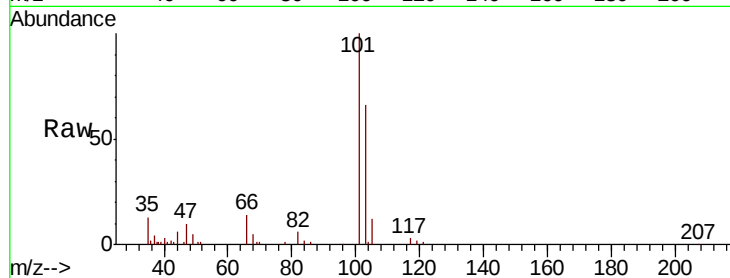


#7

Trichlorofluoromethane
 Concen: 24.190 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Instrument :
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 ClientSampleId :
 VW0808SBSD01

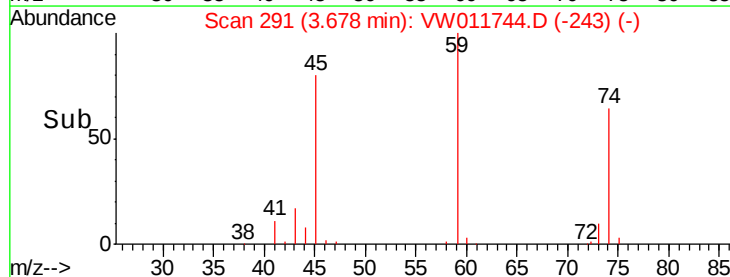
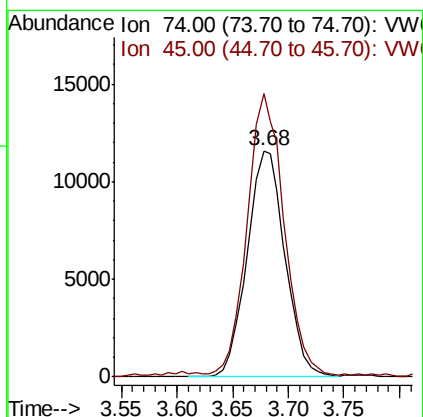
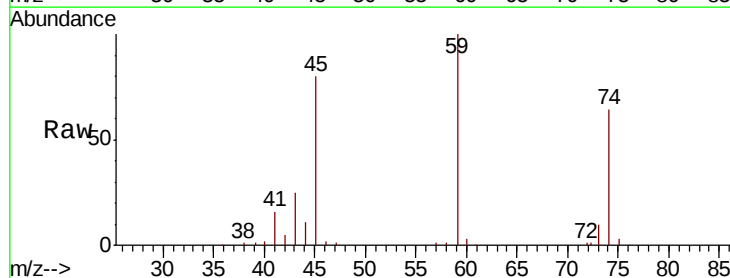
Tgt Ion:101 Resp: 29133
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.2 75.4

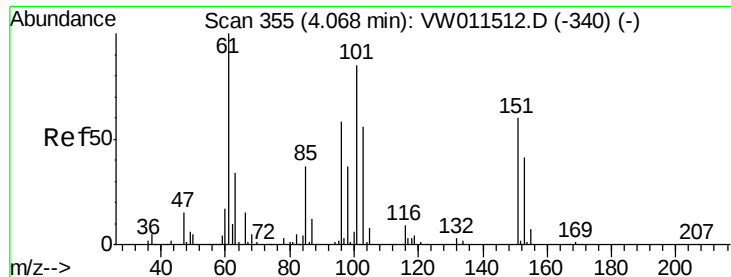


#8

Diethyl Ether
 Concen: 20.039 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 74 Resp: 27363
 Ion Ratio Lower Upper
 74 100
 45 120.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.986 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

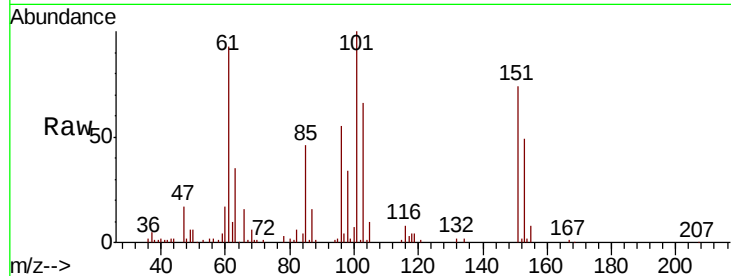
Tgt Ion:101 Resp: 50231

Ion Ratio Lower Upper

101 100

85 45.3 36.6 54.8

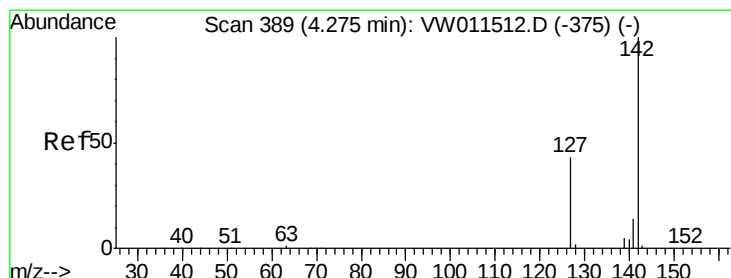
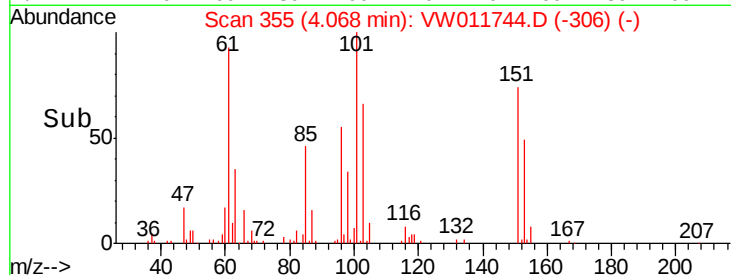
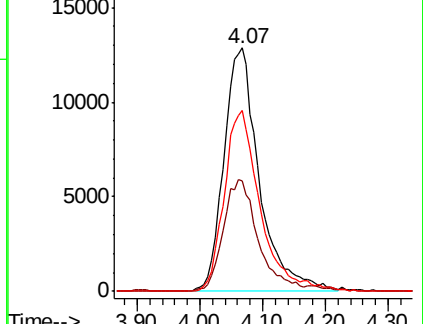
151 75.4 60.2 90.2



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: 20.634 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

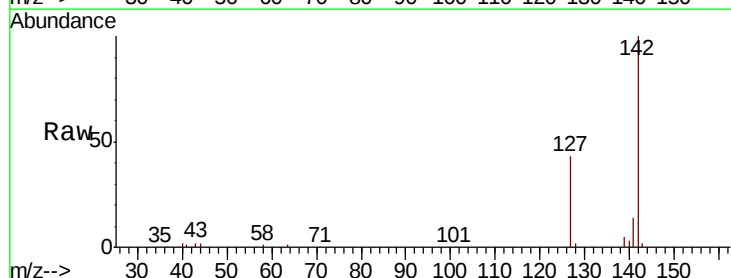
Tgt Ion:142 Resp: 66619

Ion Ratio Lower Upper

142 100

127 44.8 35.0 52.6

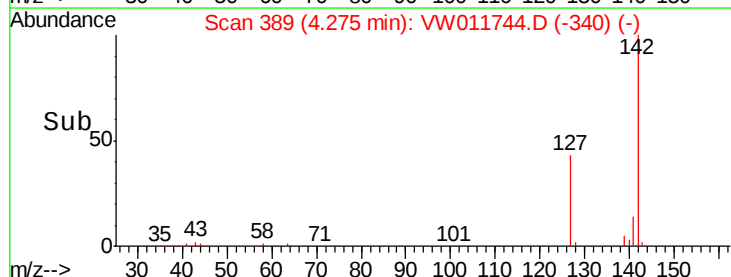
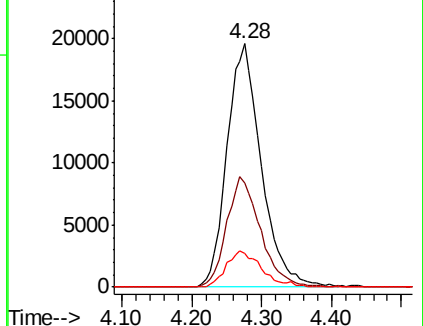
141 15.2 11.9 17.9

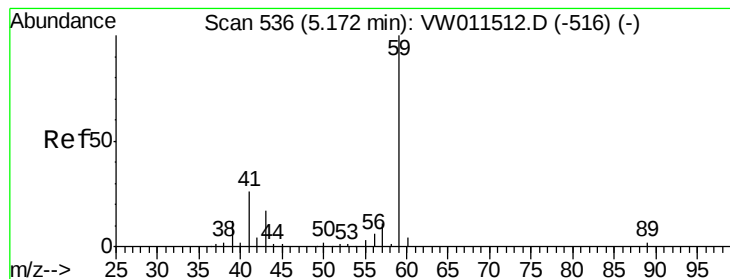


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.675 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

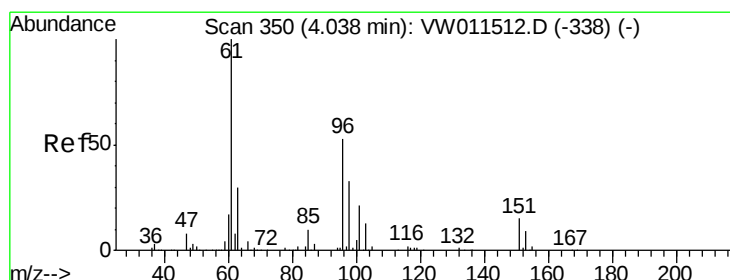
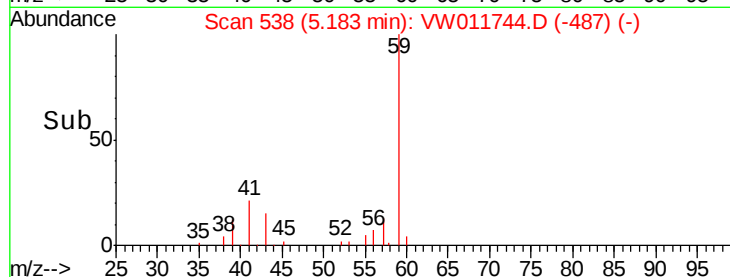
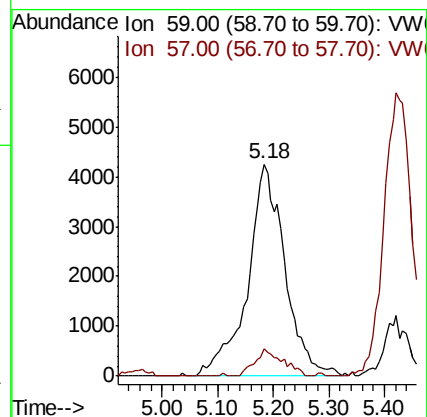
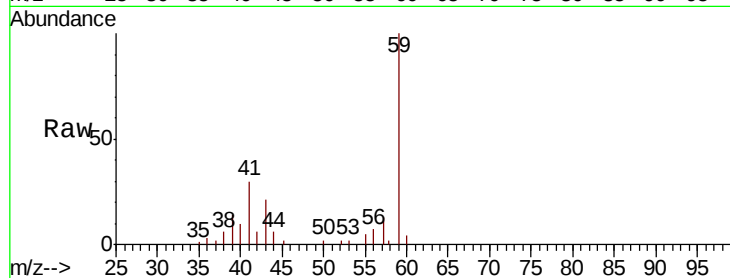
VW0808SBSD01

Tgt Ion: 59 Resp: 19846

Ion Ratio Lower Upper

59 100

57 9.5 8.5 12.7



#12

1,1-Dichloroethene

Concen: 20.908 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

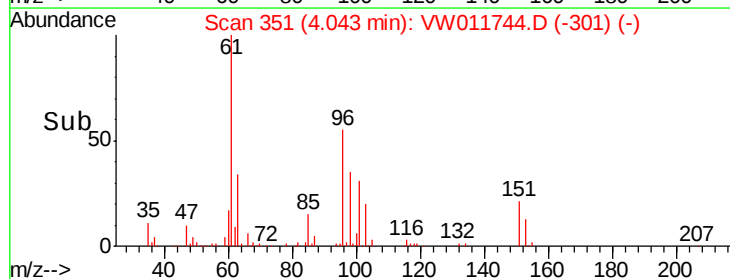
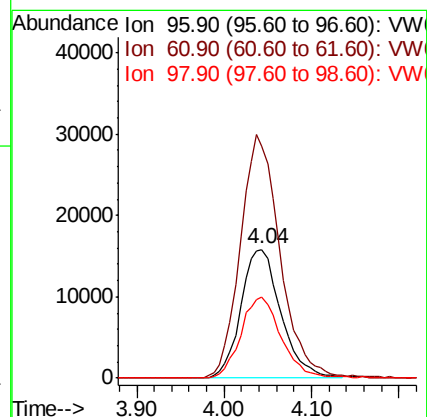
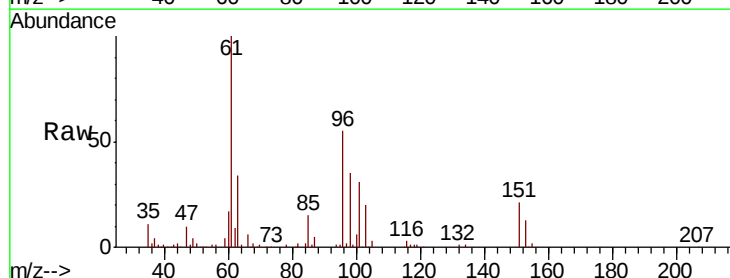
Tgt Ion: 96 Resp: 50435

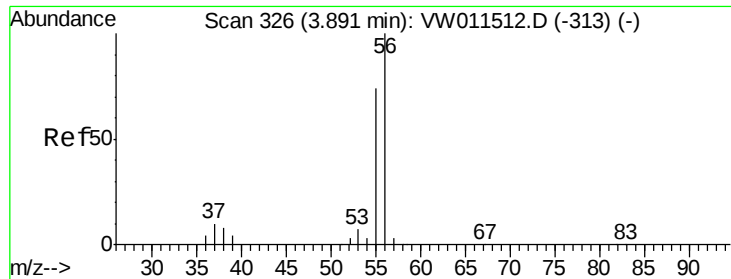
Ion Ratio Lower Upper

96 100

61 180.8 149.9 224.9

98 63.0 49.1 73.7

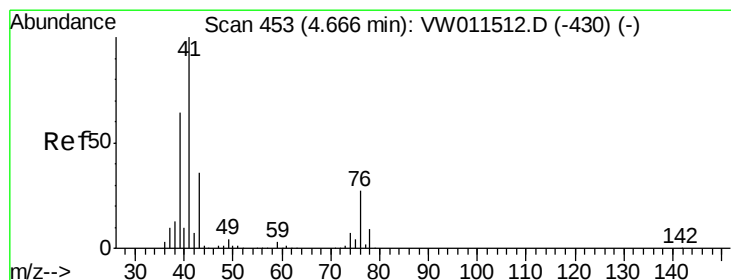
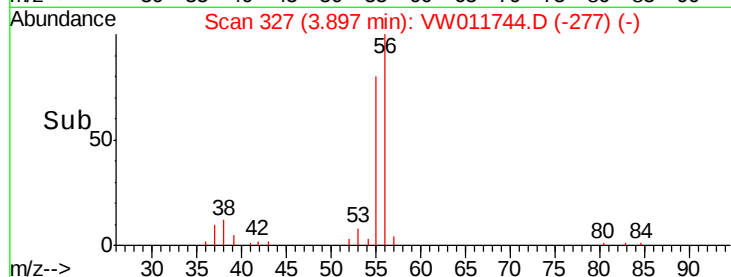
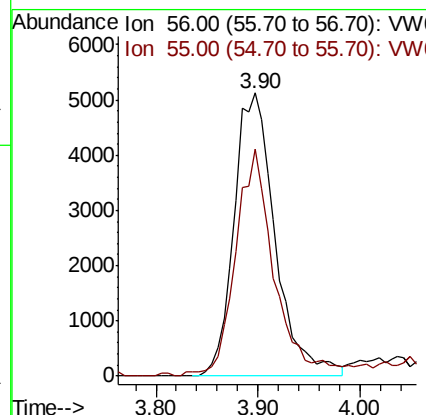
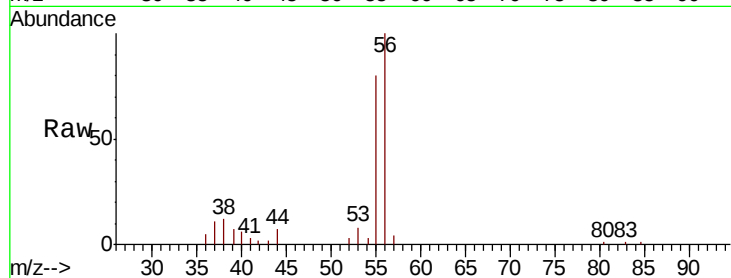




#13
Acrolein
Concen: 74.896 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

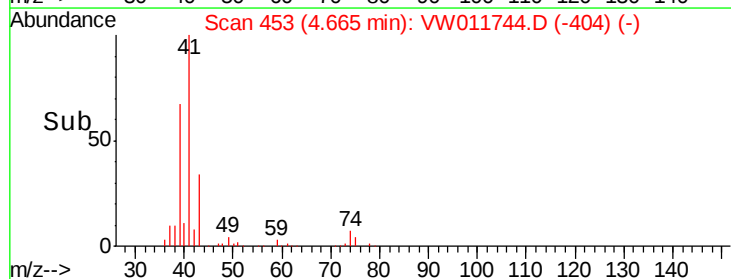
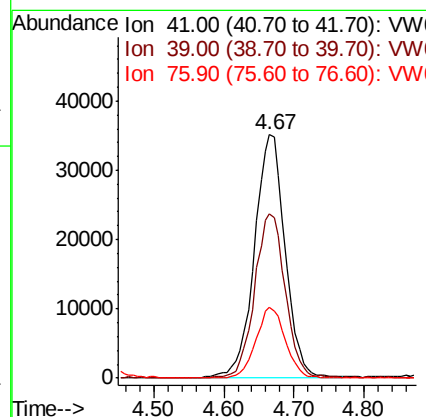
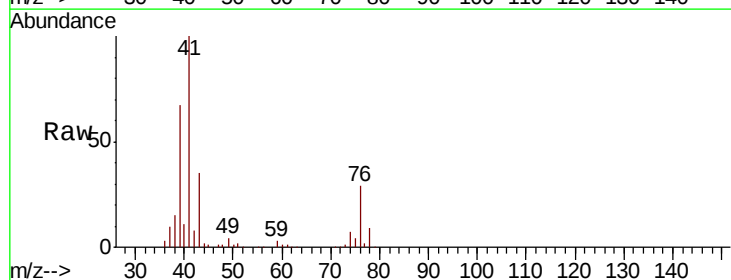
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

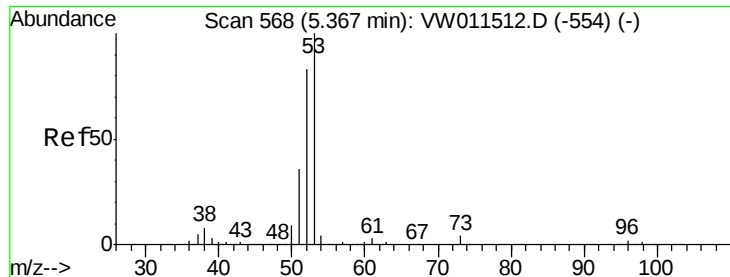
Tgt Ion: 56 Resp: 14293
Ion Ratio Lower Upper
56 100
55 75.4 56.0 84.0



#14
Allyl chloride
Concen: 20.920 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 41 Resp: 107331
Ion Ratio Lower Upper
41 100
39 66.4 52.6 78.8
76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 100.868 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

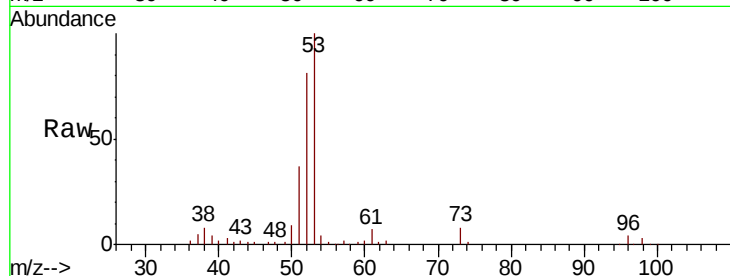
Tgt Ion: 53 Resp: 68757

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

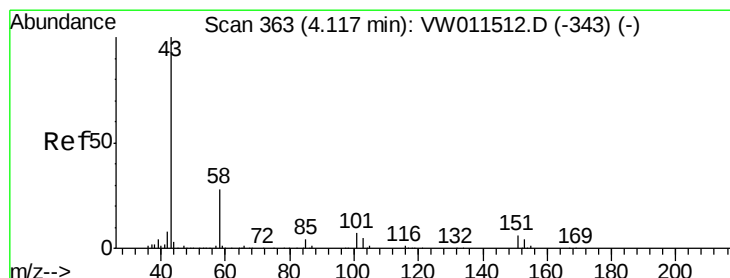
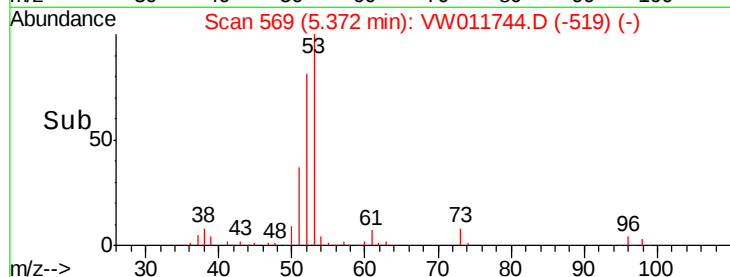
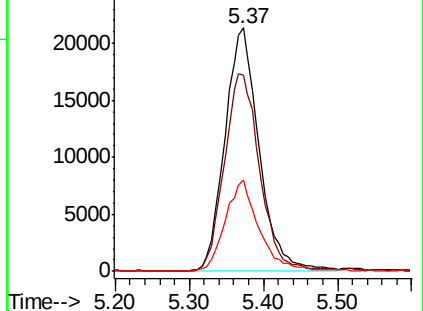
51 36.8 30.0 45.0



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: 82.977 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011744.D

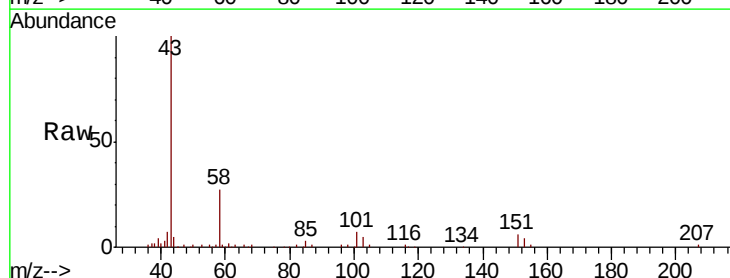
Acq: 07 Aug 2019 12:13

Tgt Ion: 43 Resp: 70201

Ion Ratio Lower Upper

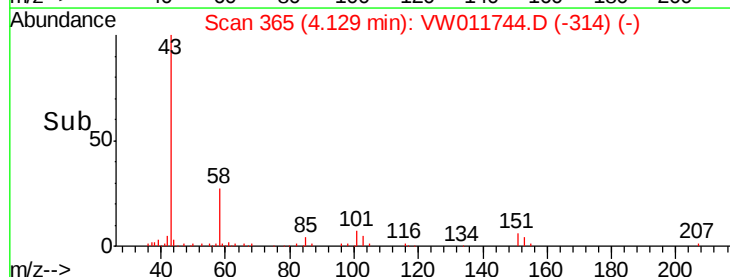
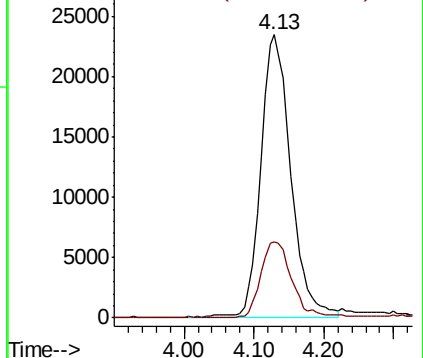
43 100

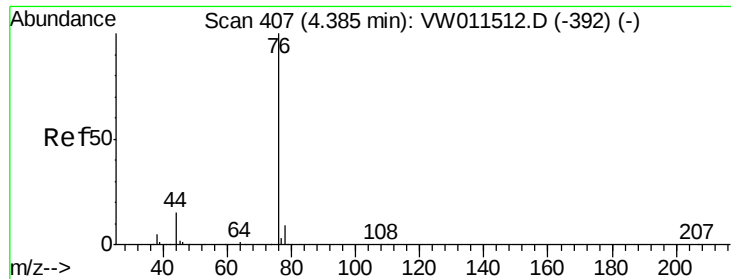
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

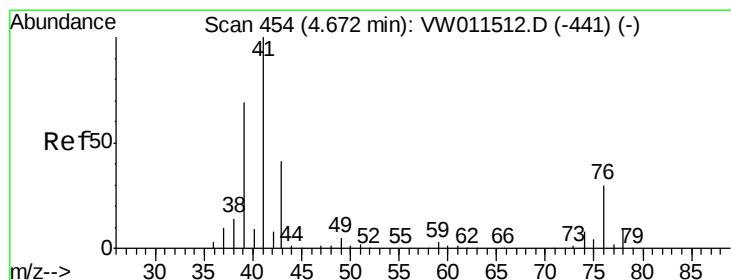
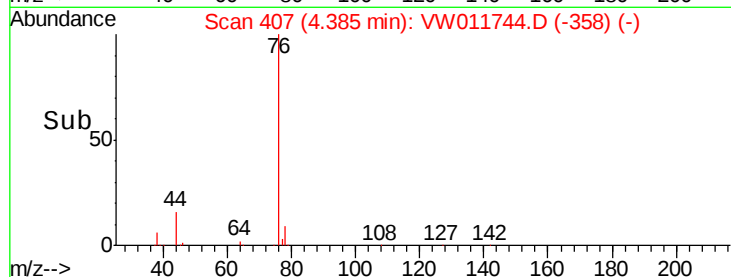
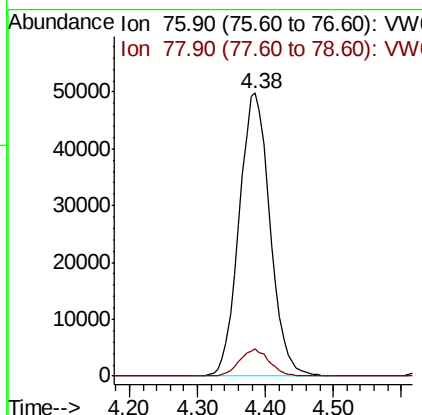
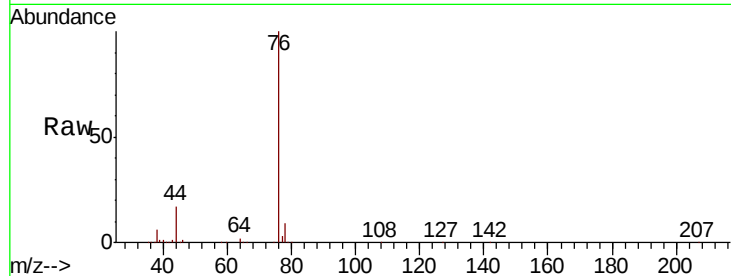




#17
Carbon Disulfide
Concen: 20.860 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

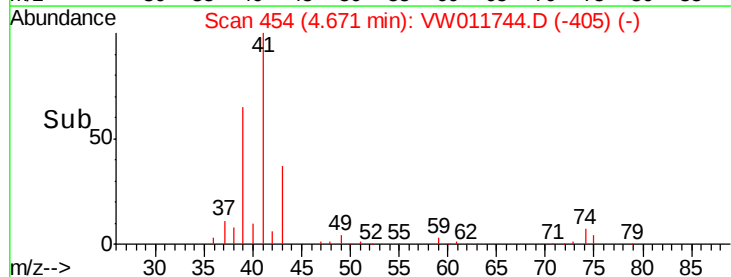
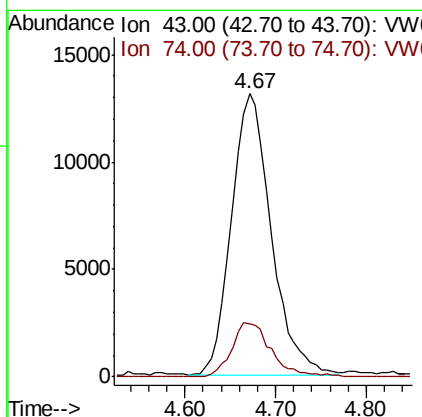
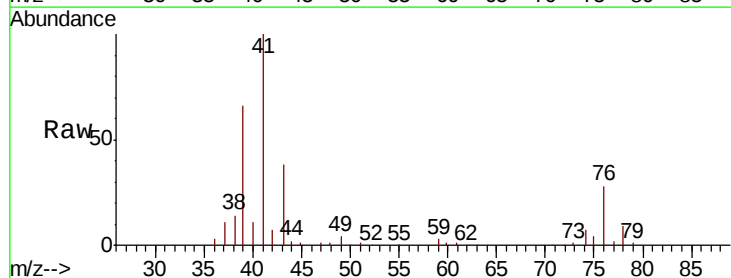
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

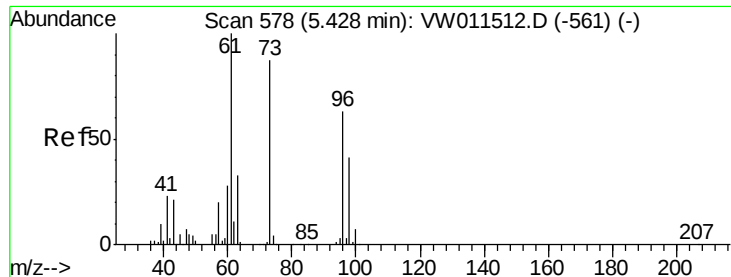
Tgt Ion: 76 Resp: 157487
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 20.879 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 43 Resp: 39683
Ion Ratio Lower Upper
43 100
74 19.1 15.9 23.9

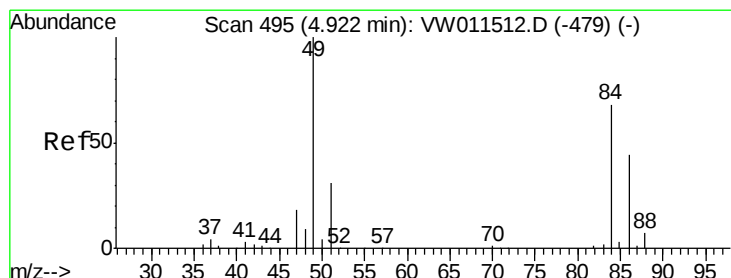
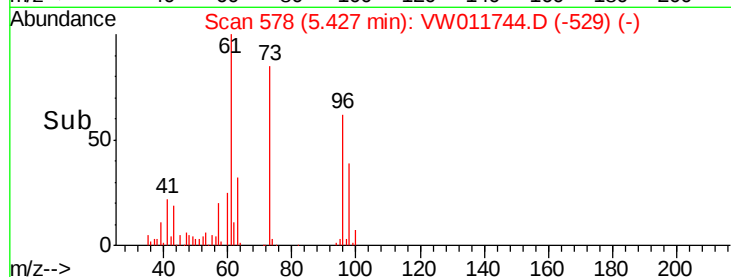
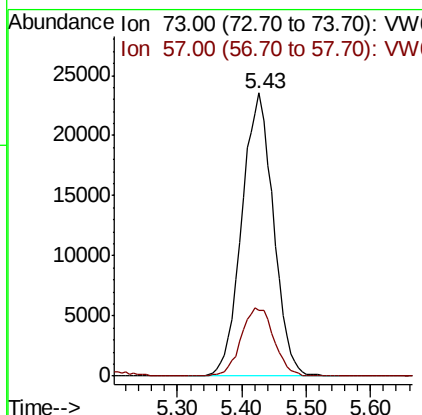
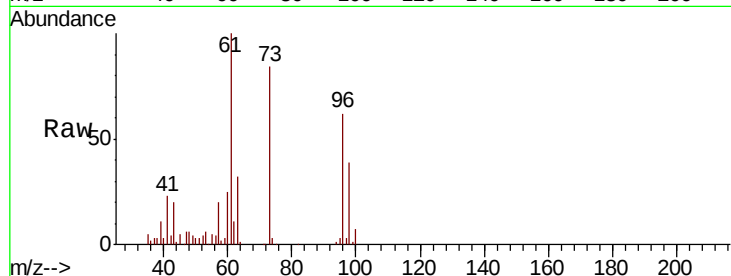




#19
Methyl tert-butyl Ether
Concen: 20.729 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

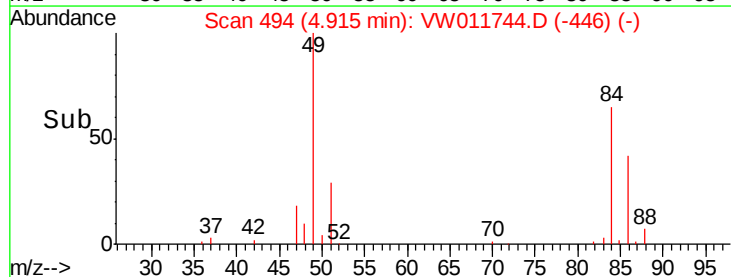
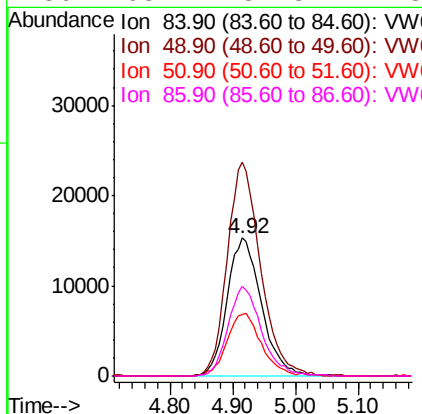
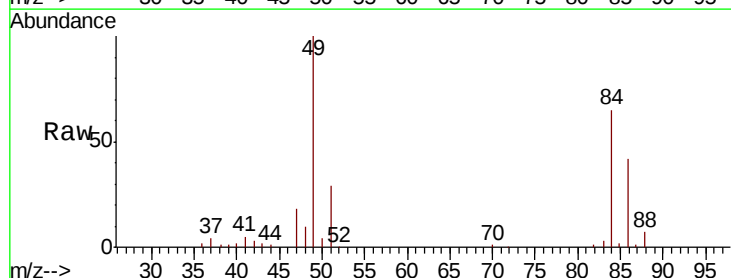
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

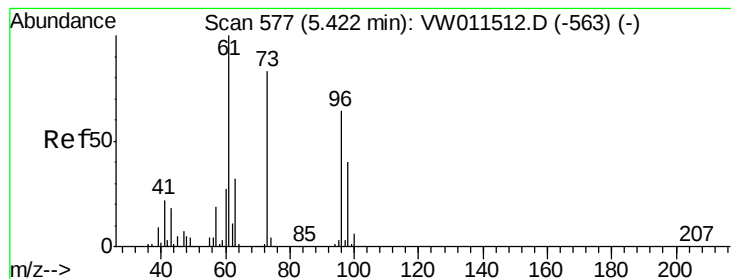
Tgt Ion: 73 Resp: 79349
Ion Ratio Lower Upper
73 100
57 23.4 18.4 27.6



#20
Methylene Chloride
Concen: 19.819 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 84 Resp: 57826
Ion Ratio Lower Upper
84 100
49 154.9 117.8 176.6
51 44.7 37.0 55.4
86 65.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.210 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

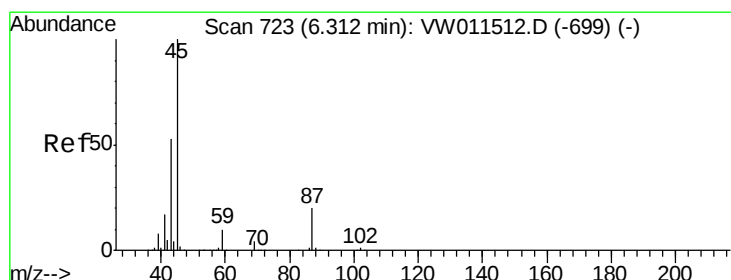
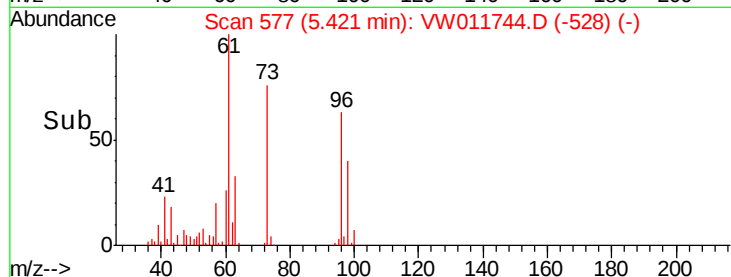
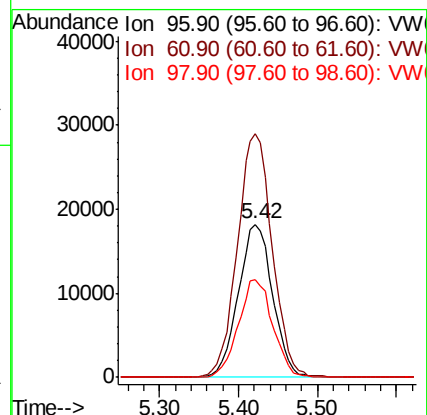
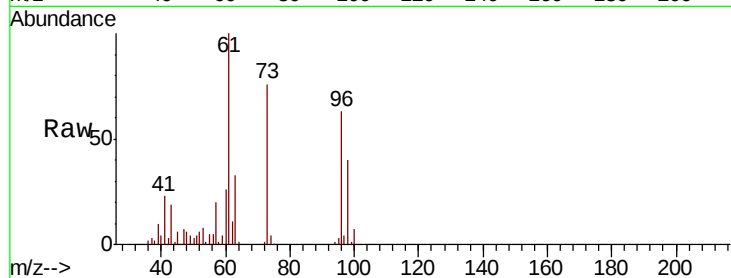
Tgt Ion: 96 Resp: 55160

Ion Ratio Lower Upper

96 100

61 159.2 125.7 188.5

98 63.7 50.3 75.5



#22

Diisopropyl ether

Concen: 20.746 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Tgt Ion: 45 Resp: 200673

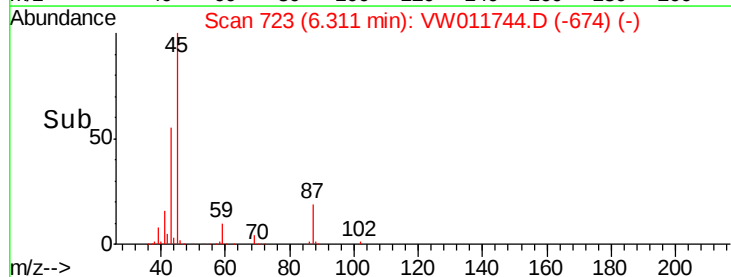
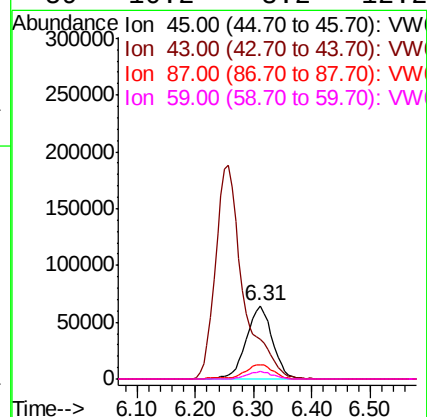
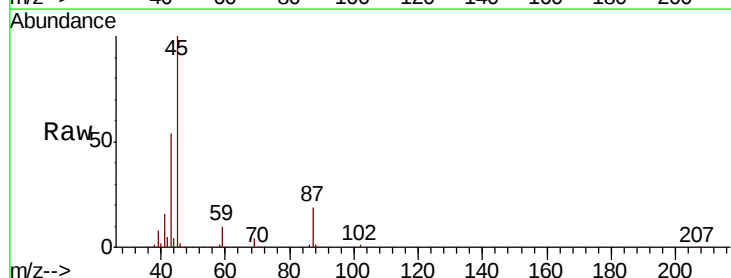
Ion Ratio Lower Upper

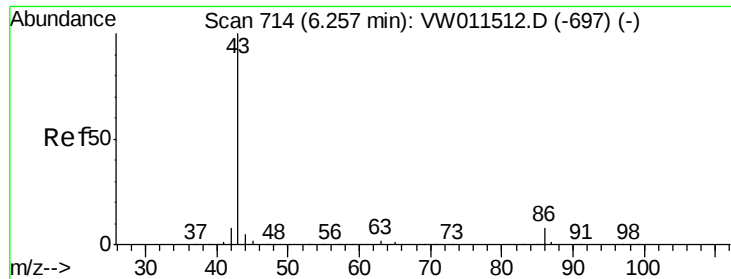
45 100

43 53.7 42.6 63.8

87 18.9 16.4 24.6

59 10.2 8.2 12.2

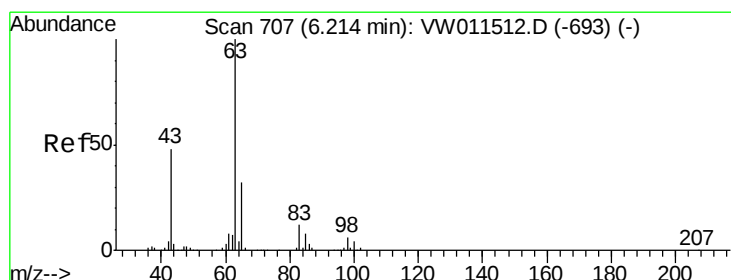
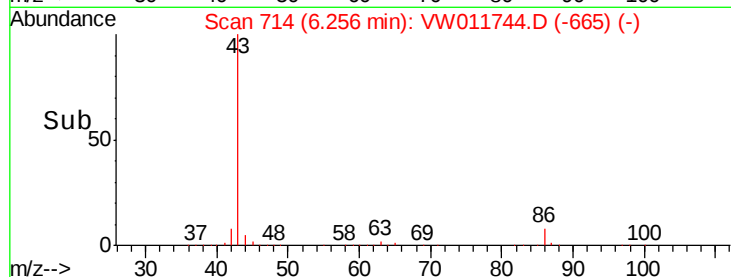
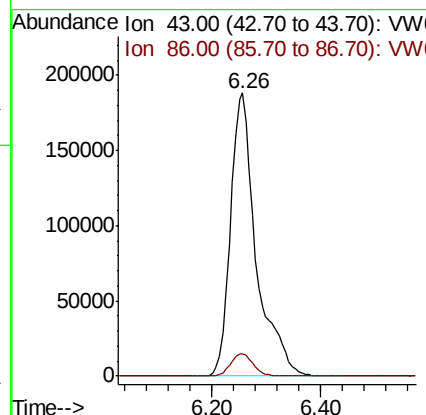
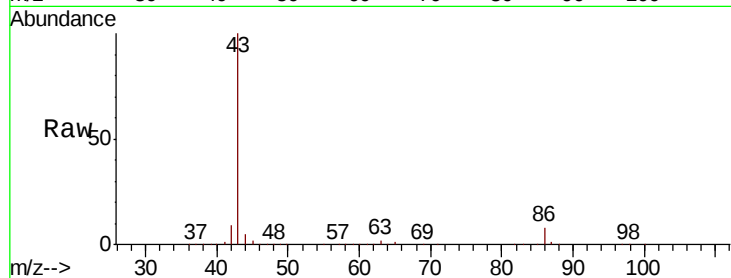




#23
 Vinyl Acetate
 Concen: 101.623 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

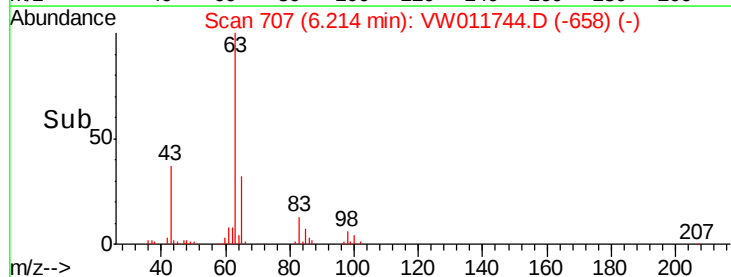
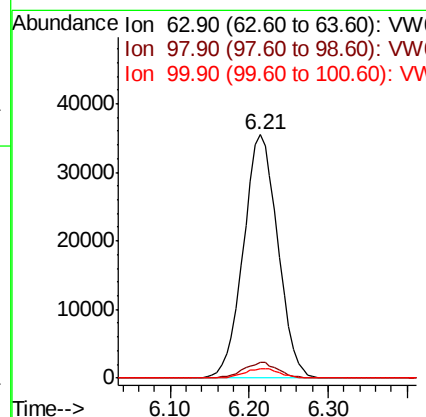
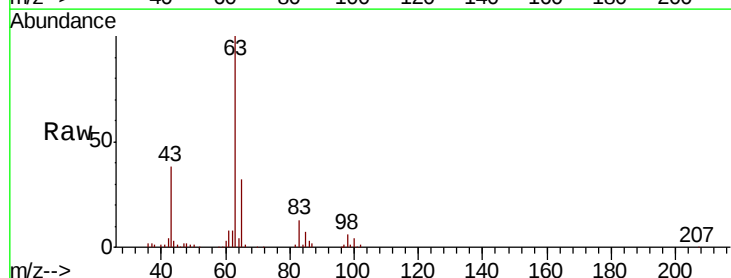
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

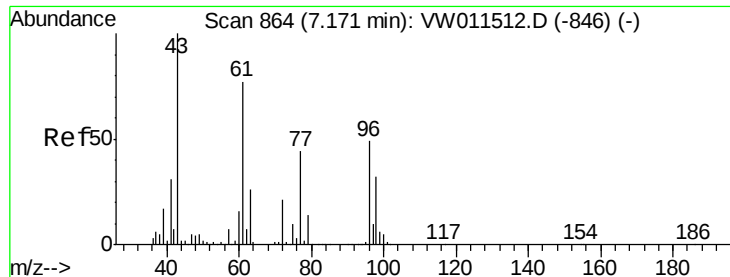
Tgt Ion: 43 Resp: 617675
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 20.718 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 63 Resp: 107329
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 3.9 2.1 6.3

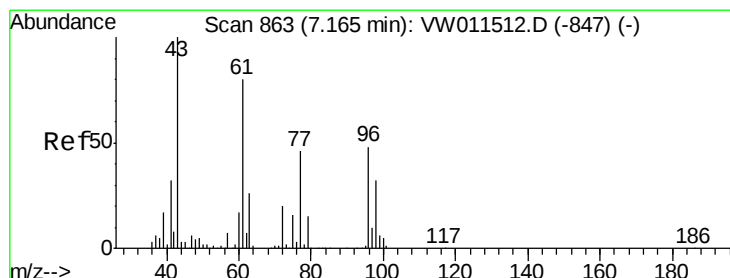
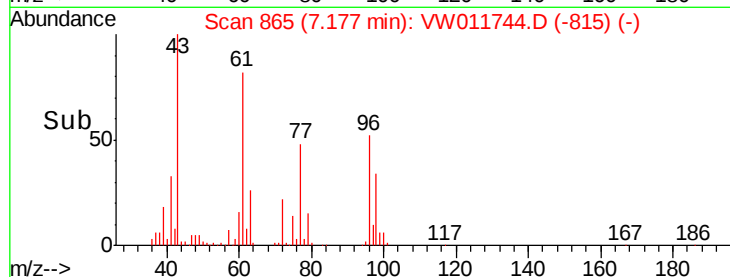
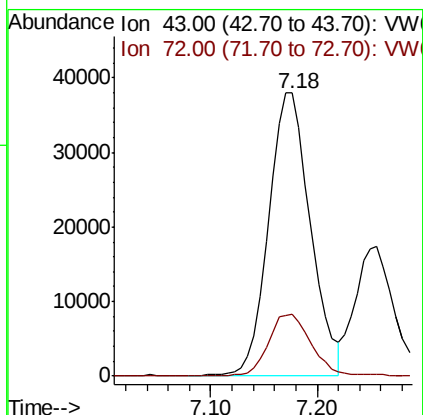
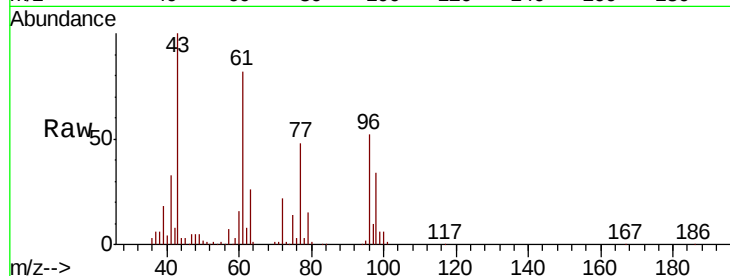




#25
 2-Butanone
 Concen: 93.012 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

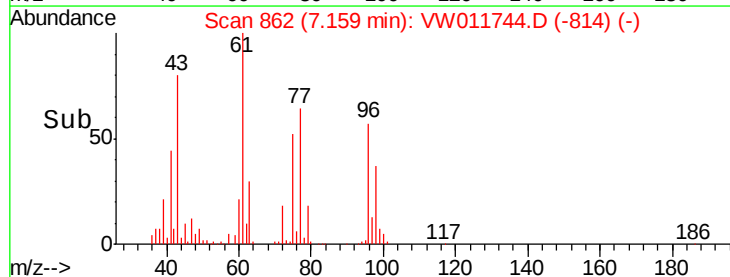
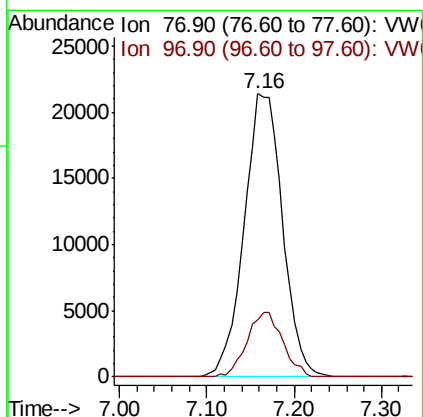
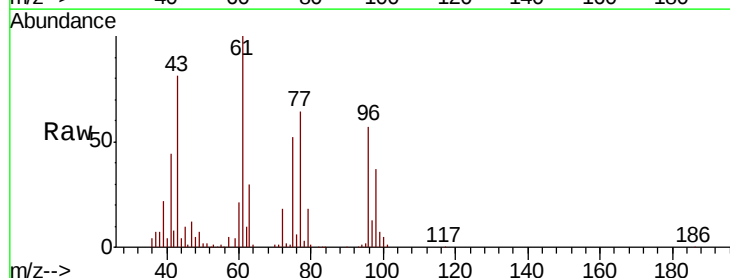
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0808SBS01

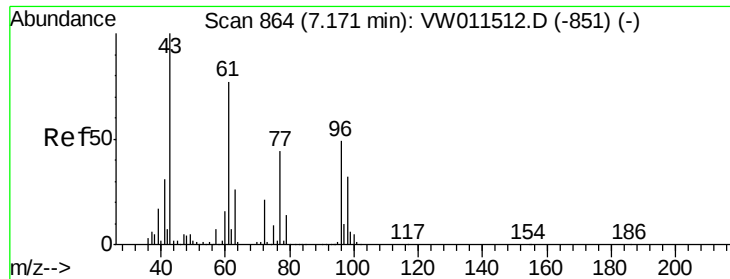
Tgt Ion: 43 Resp: 102969
 Ion Ratio Lower Upper
 43 100
 72 21.8 16.6 24.8



#26
 2,2-Dichloropropane
 Concen: 20.535 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 77 Resp: 65423
 Ion Ratio Lower Upper
 77 100
 97 21.1 10.8 32.4



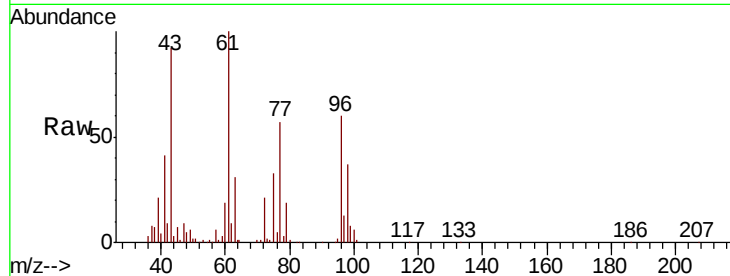


#27

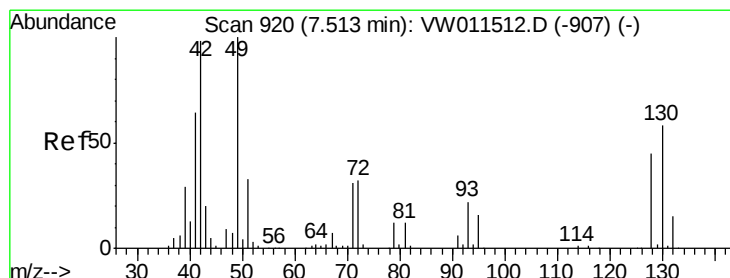
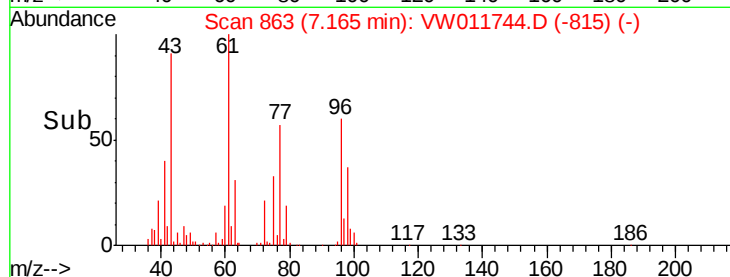
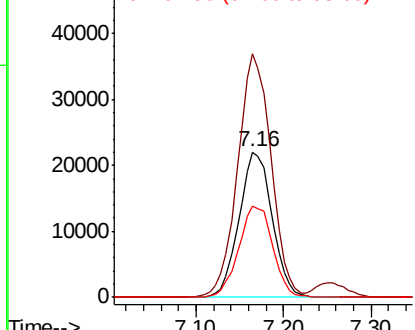
cis-1,2-Dichloroethene
 Concen: 20.262 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tgt Ion: 96 Resp: 57994
 Ion Ratio Lower Upper
 96 100
 61 169.3 0.0 328.4
 98 64.2 0.0 128.8



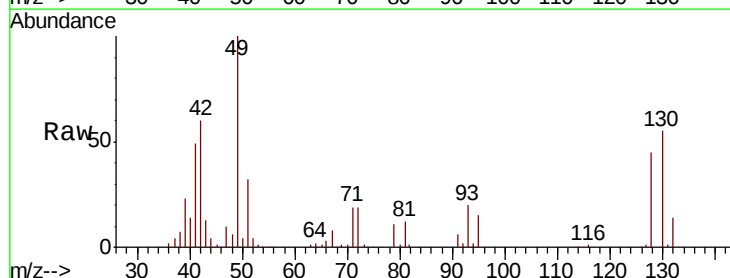
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



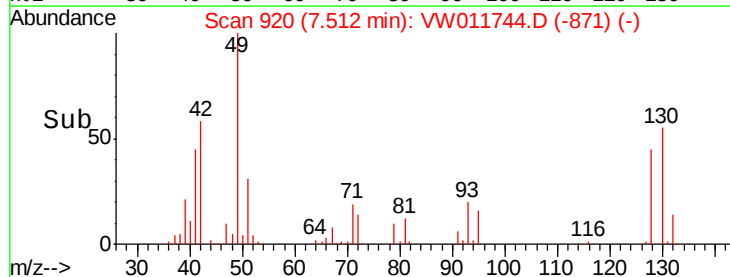
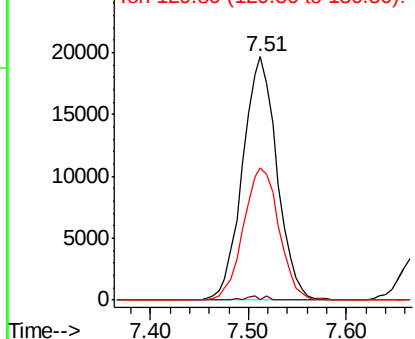
#28

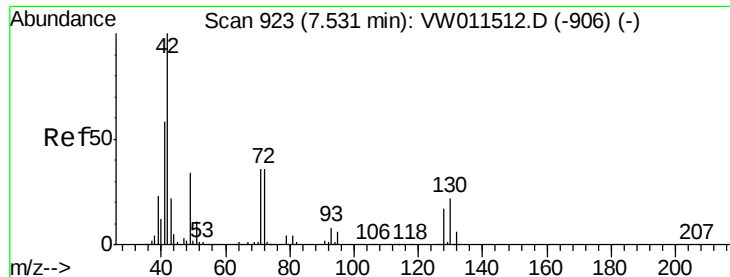
Bromochloromethane
 Concen: 20.874 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 49 Resp: 47999
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.0
 130 56.1 46.3 69.5



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

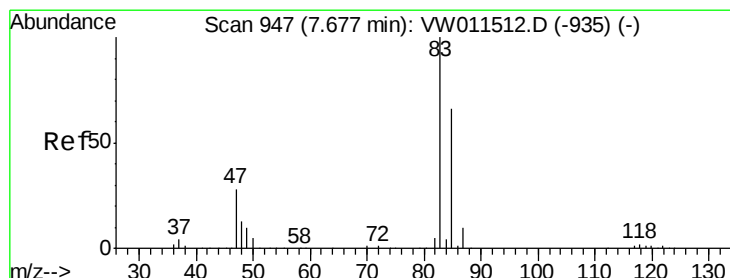
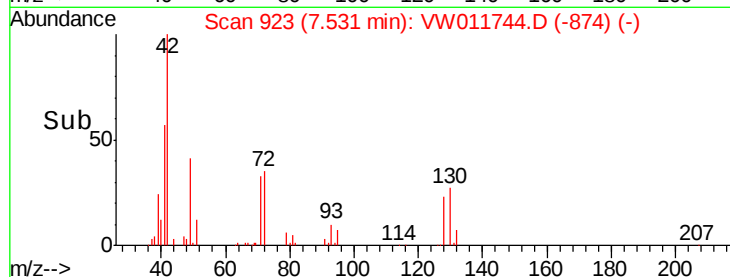
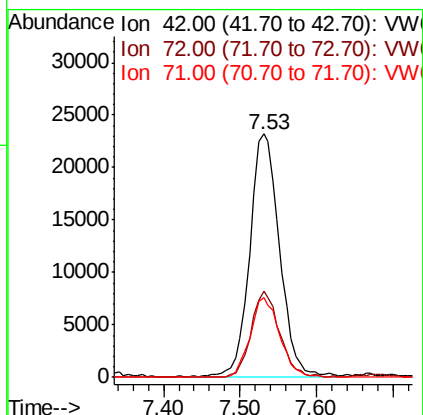
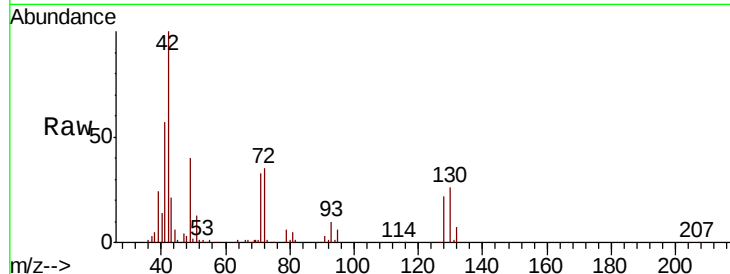




#29
Tetrahydrofuran
Concen: 99.456 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

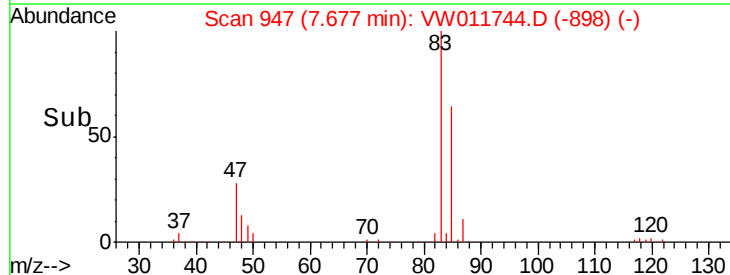
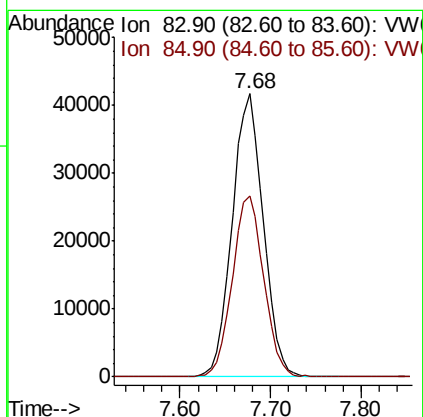
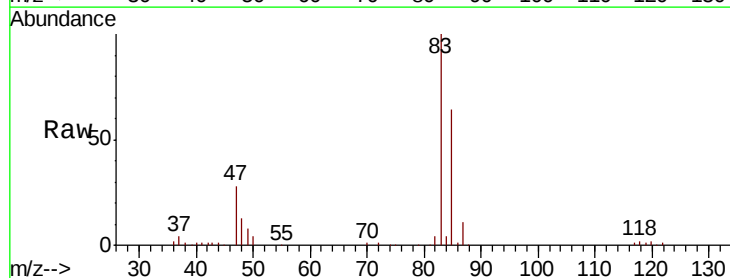
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

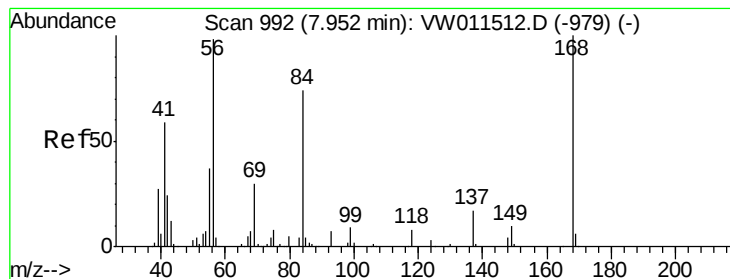
Tgt Ion: 42 Resp: 62936
Ion Ratio Lower Upper
42 100
72 33.9 27.1 40.7
71 32.3 26.2 39.4



#30
Chloroform
Concen: 20.728 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 83 Resp: 99066
Ion Ratio Lower Upper
83 100
85 63.9 52.5 78.7





#31

Cyclohexane

Concen: 21.239 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampled :

VW0808SBSD01

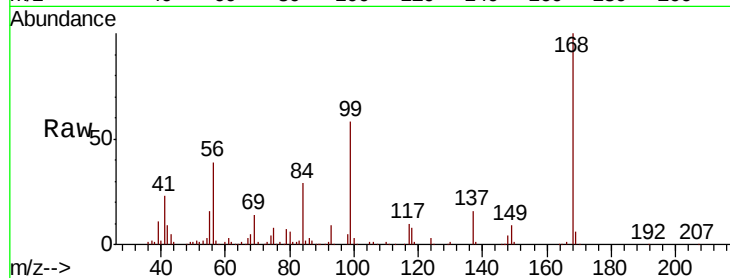
Tgt Ion: 56 Resp: 105621

Ion Ratio Lower Upper

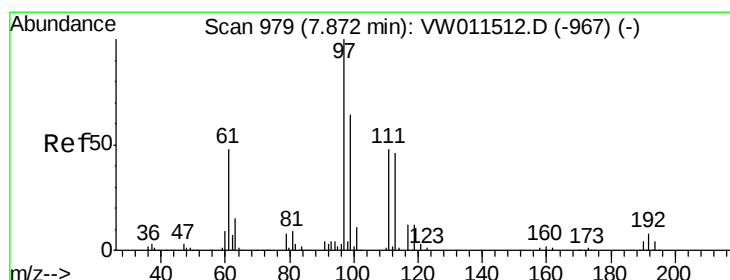
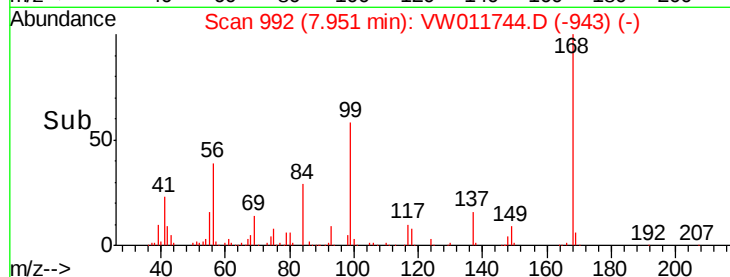
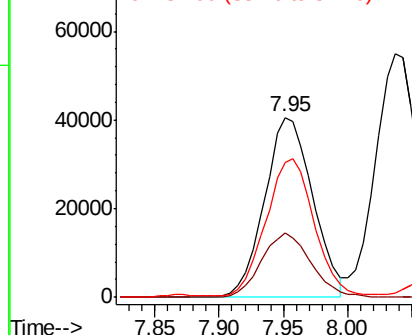
56 100

69 36.1 24.3 36.5

84 73.7 60.4 90.6



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



#32

1,1,1-Trichloroethane

Concen: 21.924 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

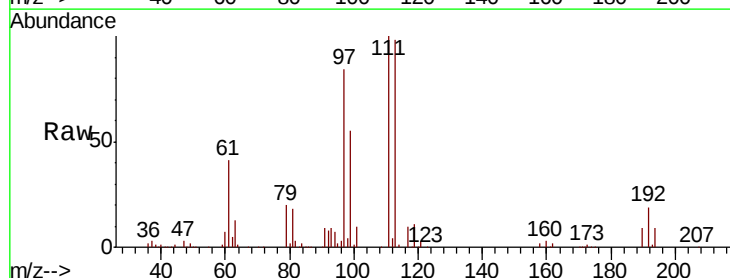
Tgt Ion: 97 Resp: 79800

Ion Ratio Lower Upper

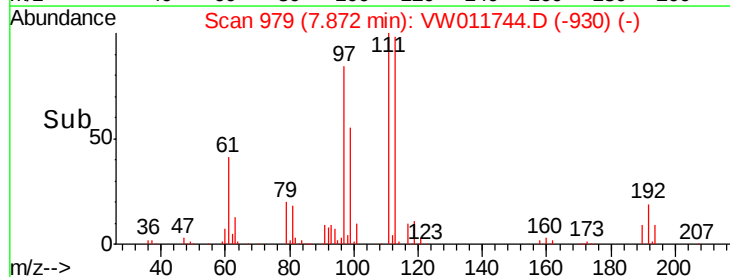
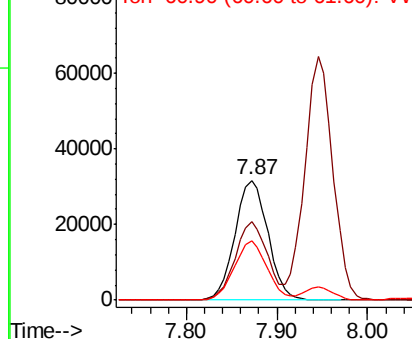
97 100

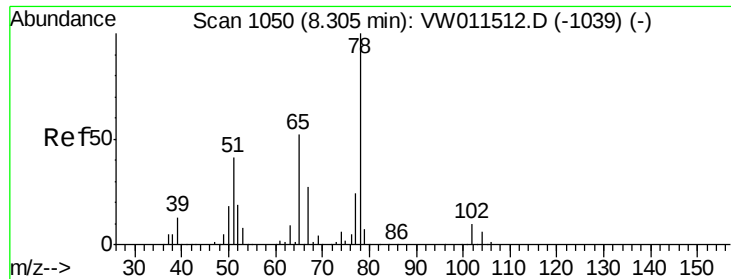
99 64.8 51.0 76.6

61 49.5 39.8 59.6



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

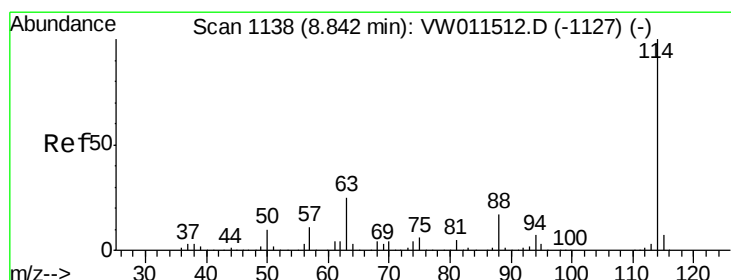
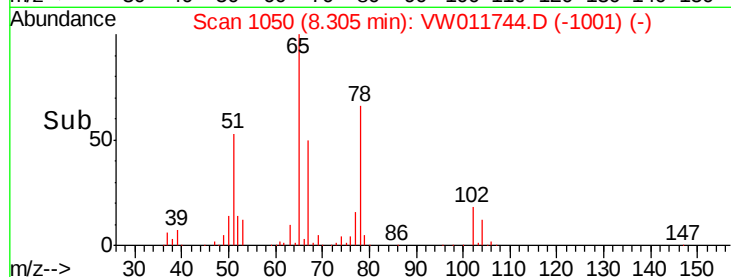
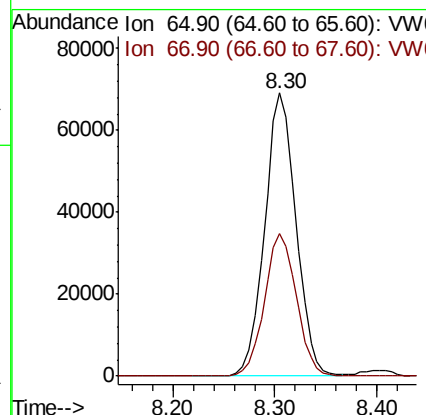
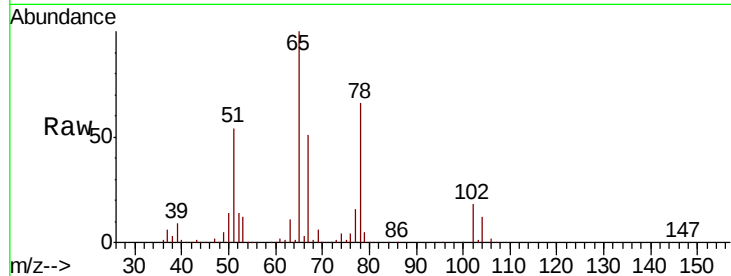




#33
 1,2-Dichloroethane-d4
 Concen: 55.372 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

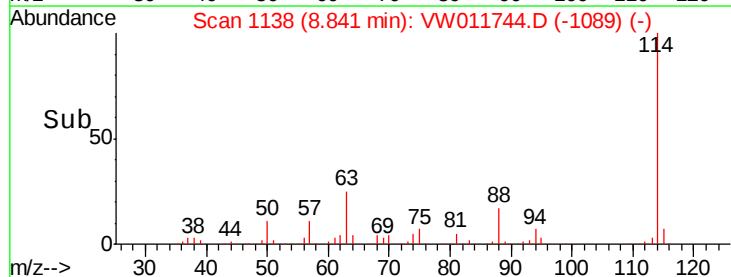
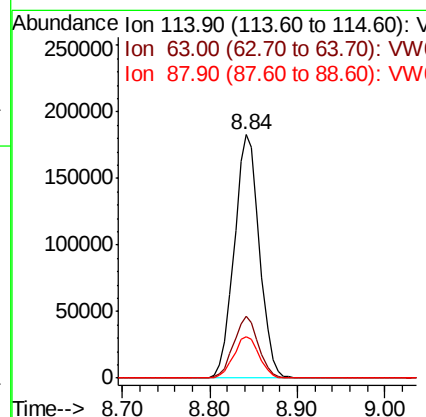
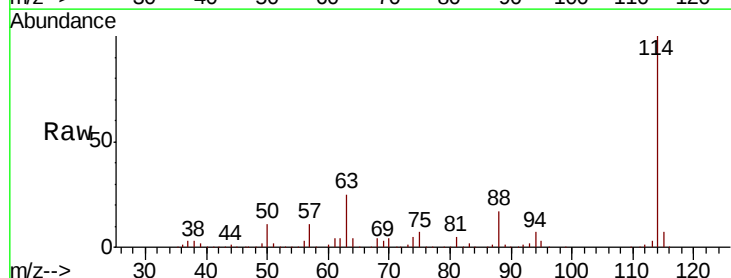
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

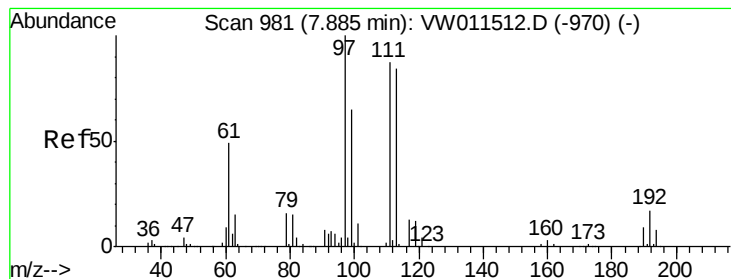
Tgt Ion: 65 Resp: 147271
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 114 Resp: 364700
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 57.282 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

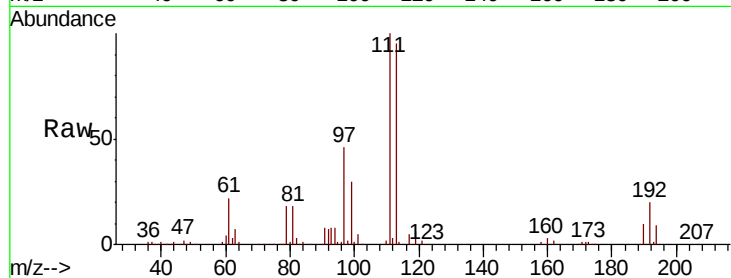
Tgt Ion:113 Resp: 117200

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

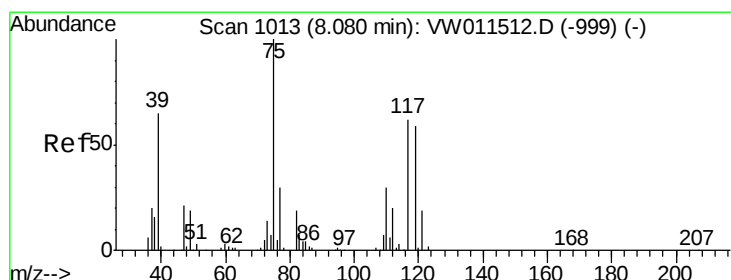
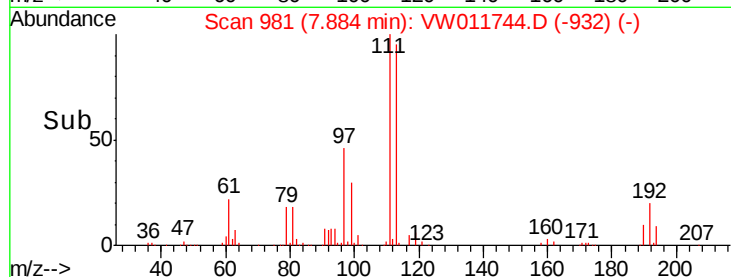
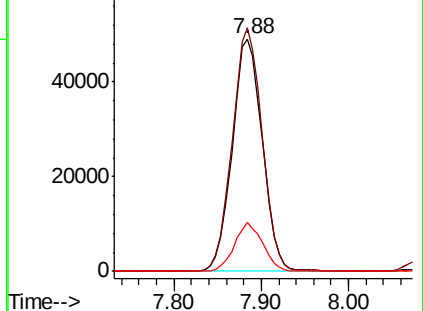
192 20.0 16.1 24.1



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: 22.077 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

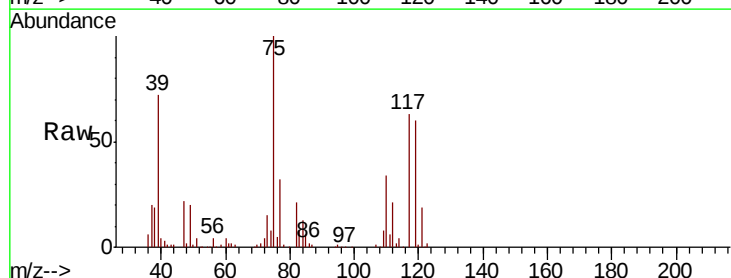
Tgt Ion: 75 Resp: 83719

Ion Ratio Lower Upper

75 100

110 32.0 15.6 46.8

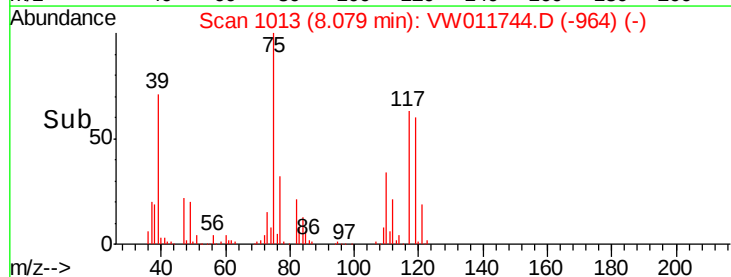
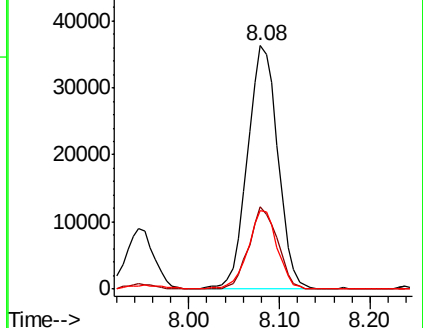
77 31.4 24.3 36.5

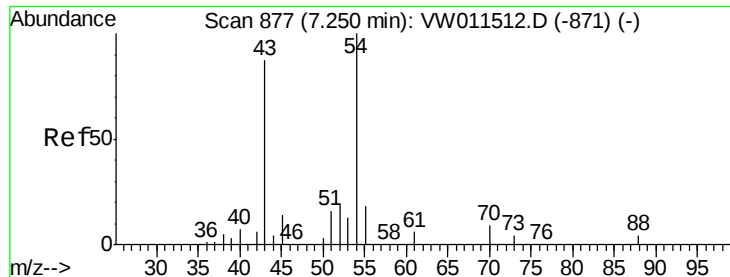


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

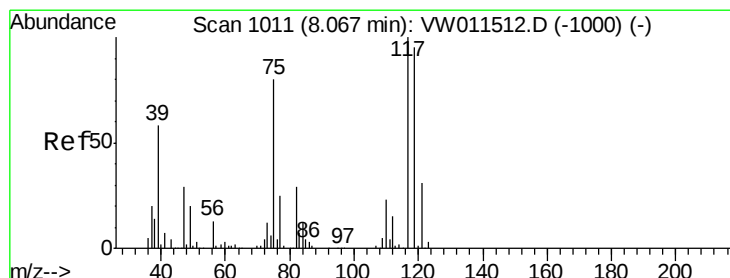
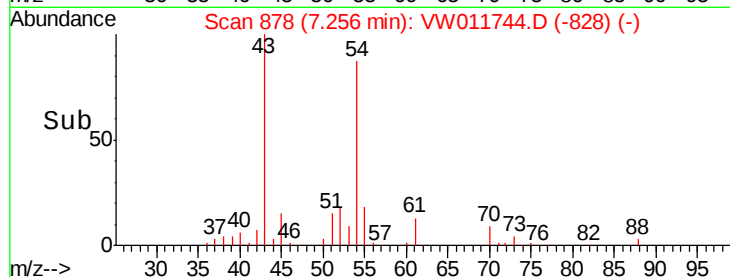
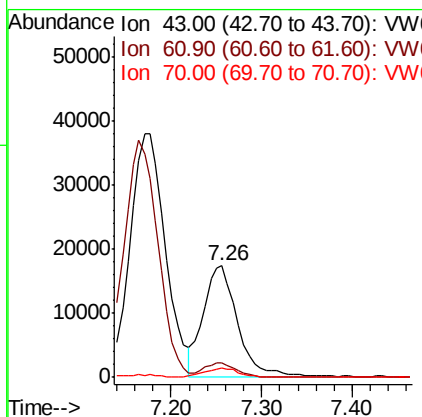
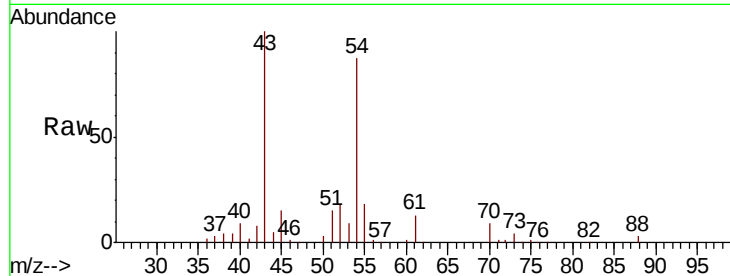




#37
 Ethyl Acetate
 Concen: 20.790 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

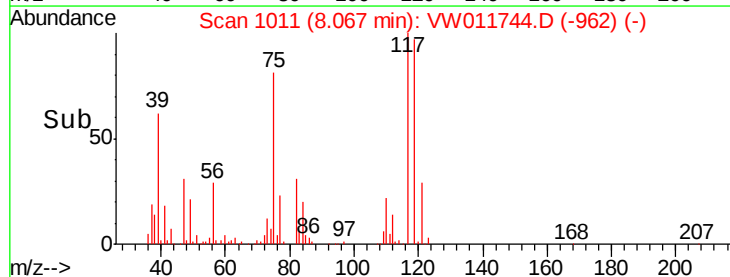
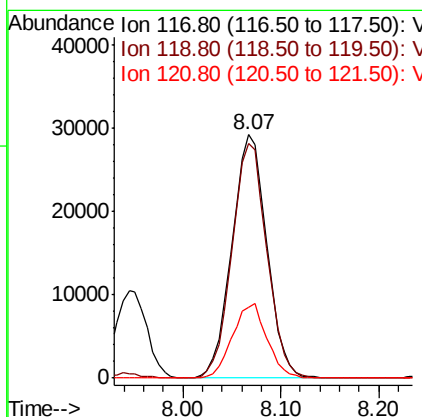
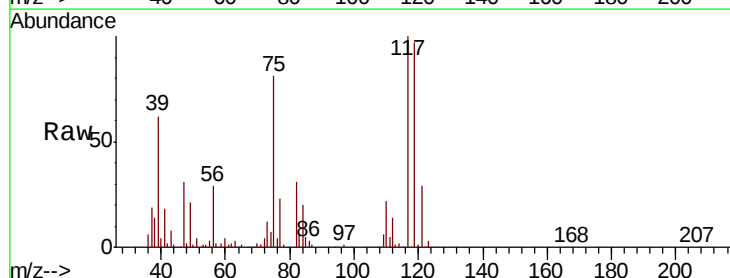
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

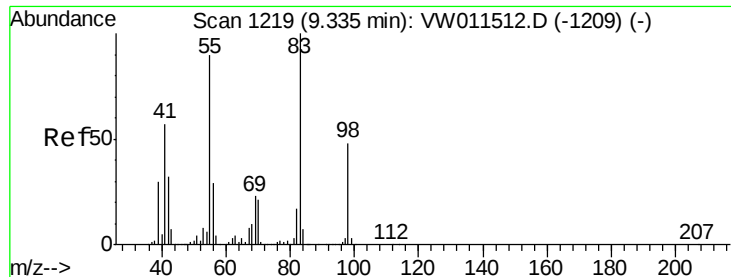
Tgt Ion: 43 Resp: 45358
 Ion Ratio Lower Upper
 43 100
 61 12.4 8.8 13.2
 70 8.6 7.1 10.7



#38
 Carbon Tetrachloride
 Concen: 22.398 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 117 Resp: 72714
 Ion Ratio Lower Upper
 117 100
 119 96.6 75.8 113.6
 121 29.3 24.7 37.1

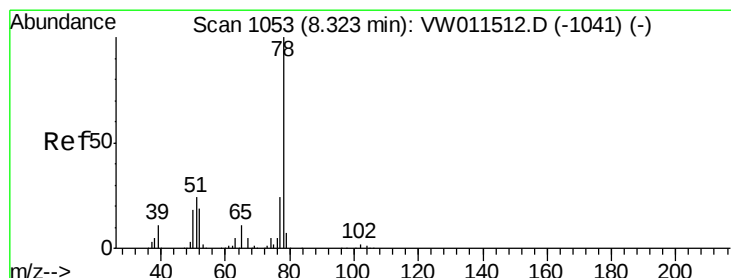
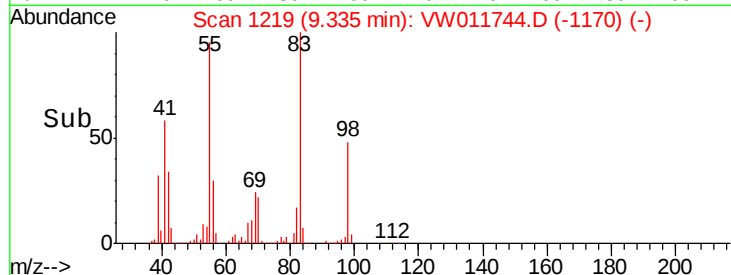
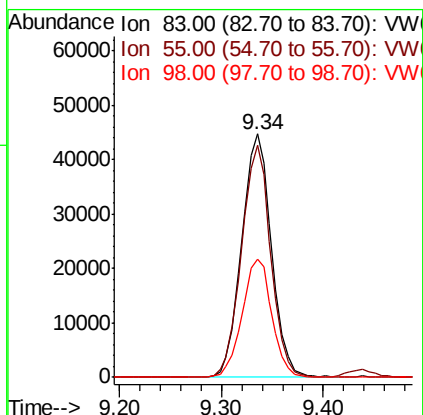
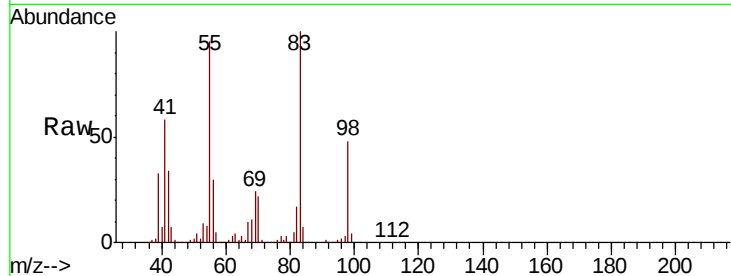




#39
Methylcyclohexane
Concen: 21.726 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

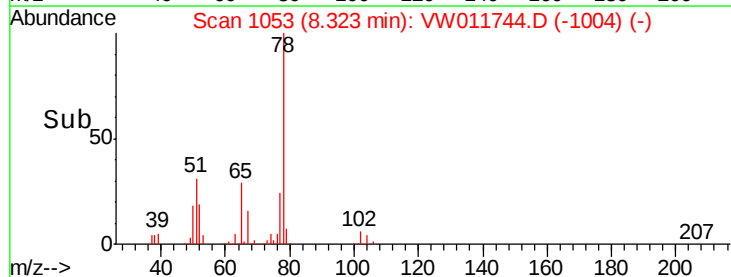
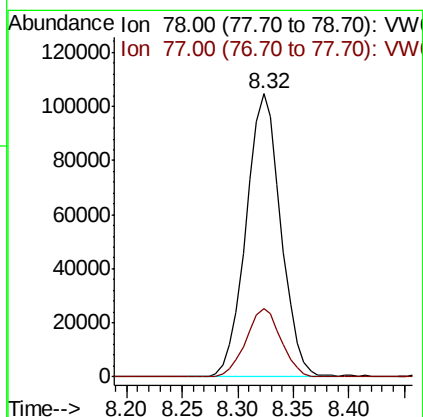
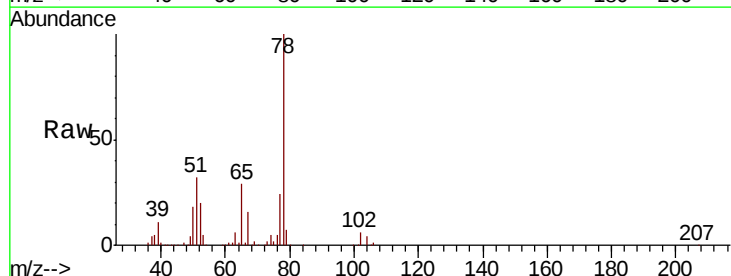
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

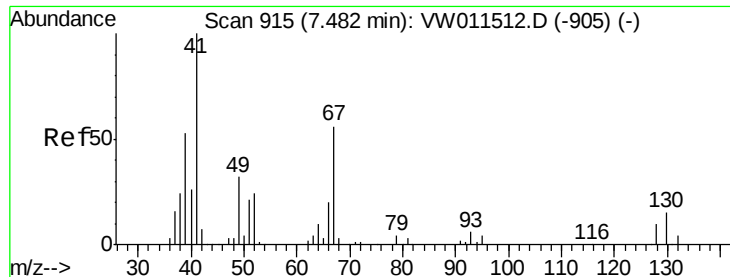
Tgt Ion: 83 Resp: 90721
Ion Ratio Lower Upper
83 100
55 95.5 72.1 108.1
98 48.3 38.6 57.8



#40
Benzene
Concen: 21.423 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 78 Resp: 227563
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

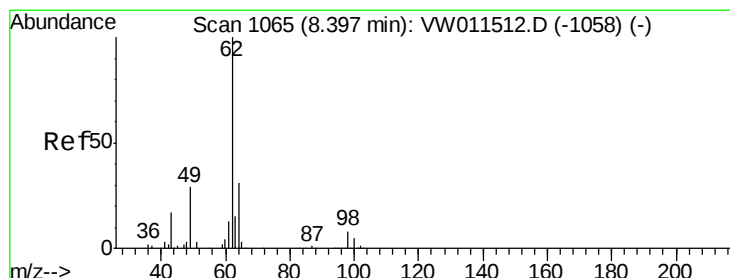
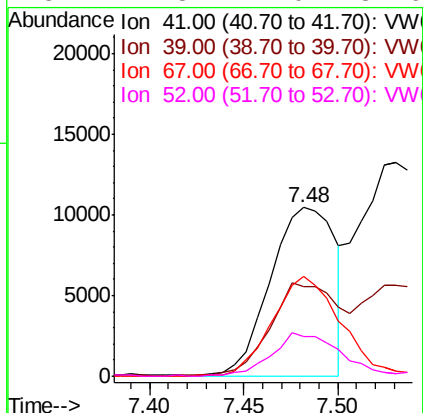
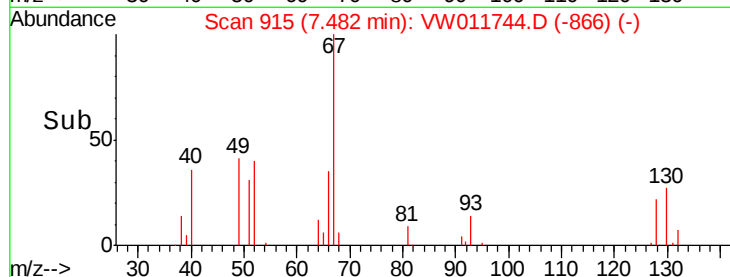
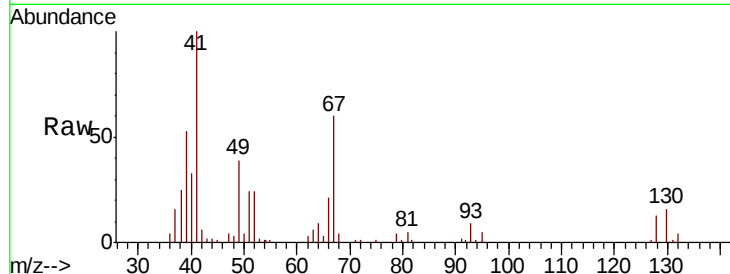




#41
Methacrylonitrile
Concen: 19.215 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

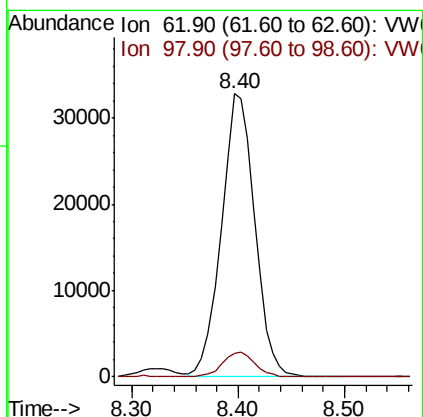
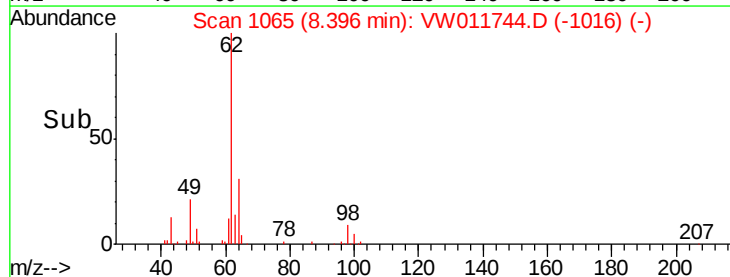
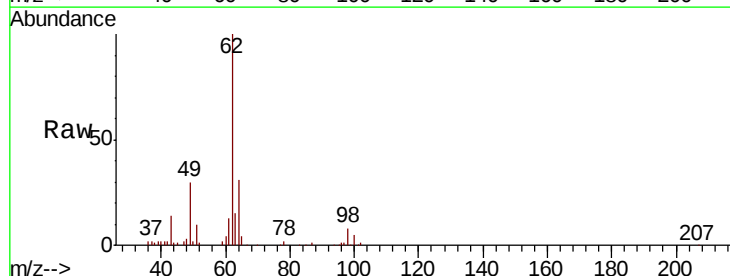
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

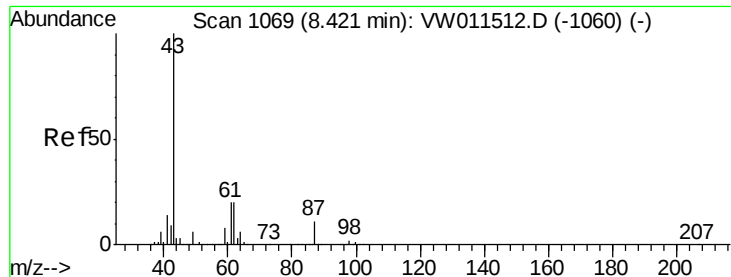
Tgt Ion:	41	Resp:	25060
Ion	Ratio	Lower	Upper
41	100		
39	60.0	43.0	64.4
67	63.2	47.5	71.3
52	27.8	21.0	31.6



#42
1,2-Dichloroethane
Concen: 21.581 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion:	62	Resp:	71772
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 20.975 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

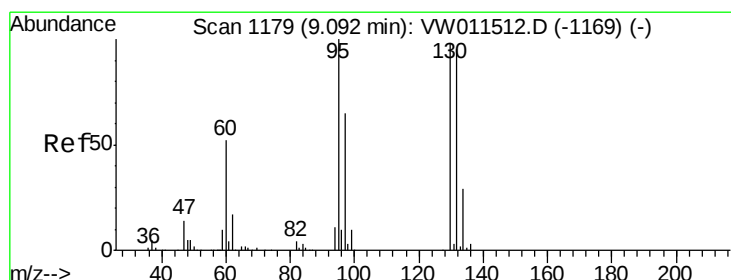
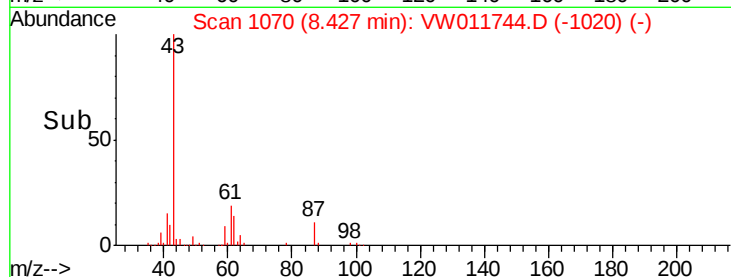
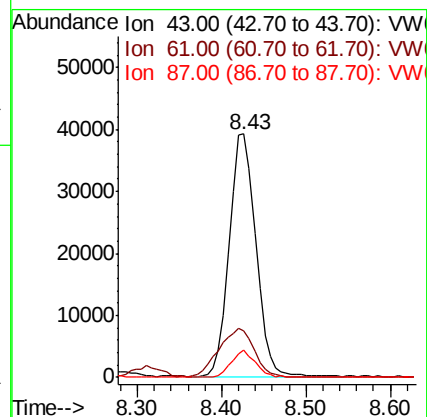
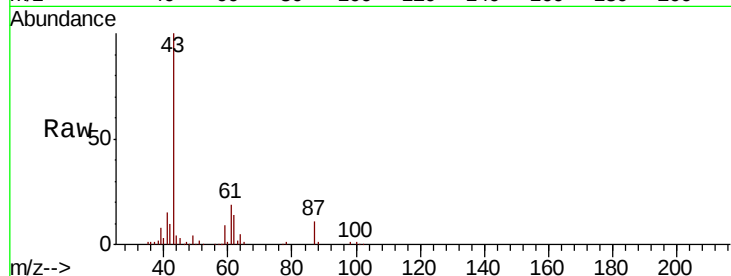
Tgt Ion: 43 Resp: 84162

Ion Ratio Lower Upper

43 100

61 27.0 21.5 32.3

87 10.0 8.4 12.6



#44

Trichloroethene

Concen: 21.407 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011744.D

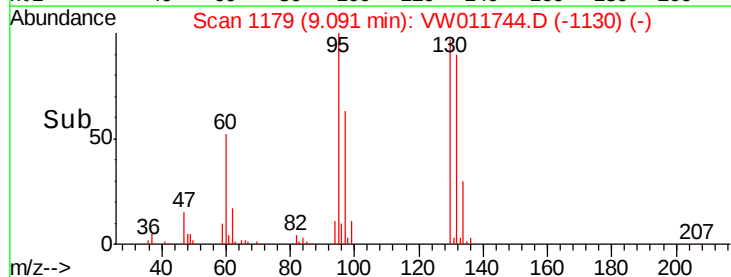
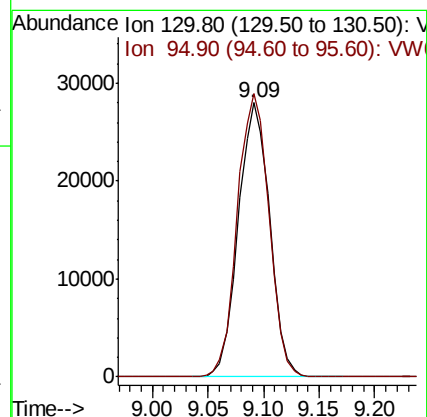
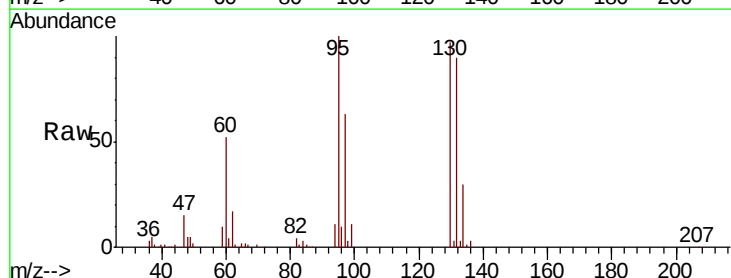
Acq: 07 Aug 2019 12:13

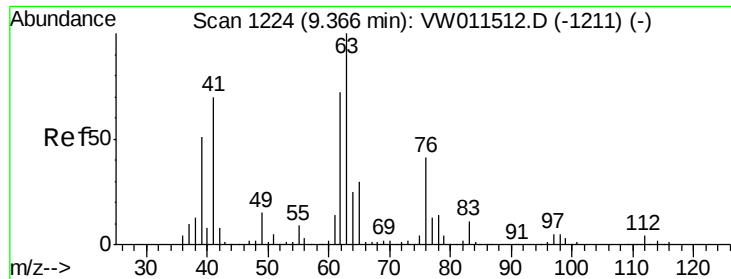
Tgt Ion: 130 Resp: 54653

Ion Ratio Lower Upper

130 100

95 103.3 0.0 204.8

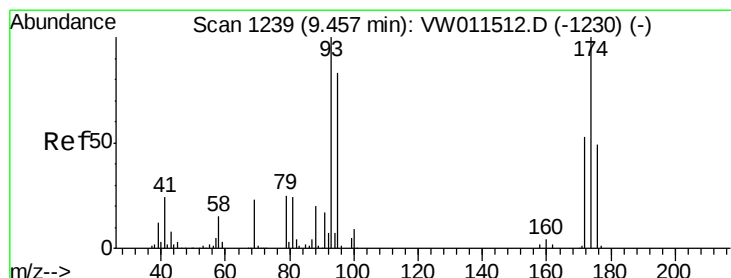
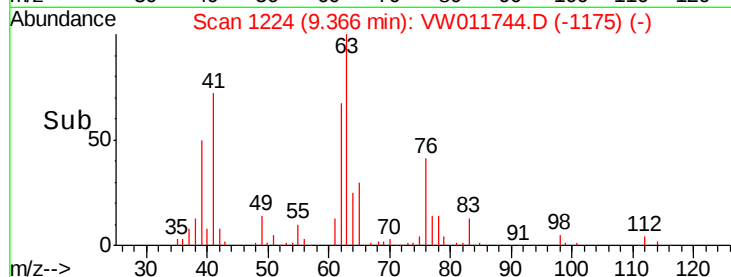
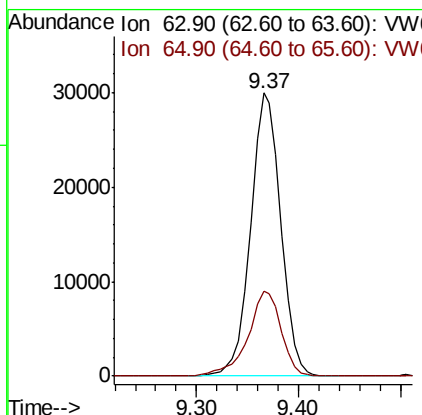
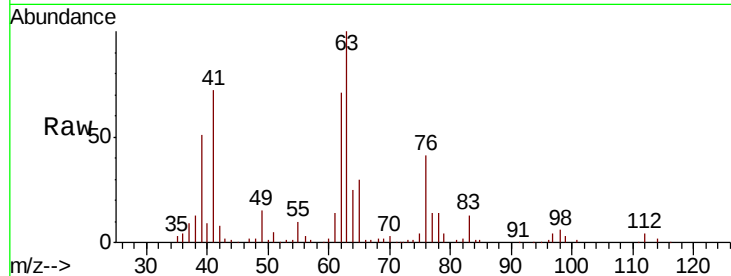




#45
 1,2-Dichloropropane
 Concen: 21.649 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

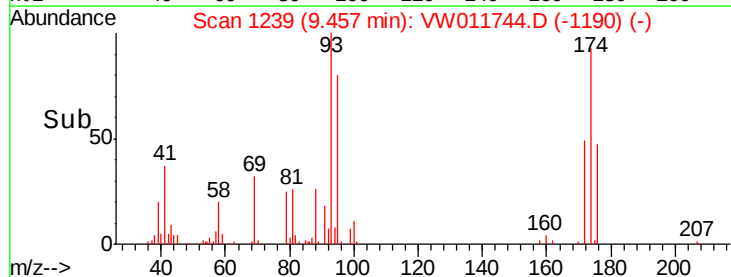
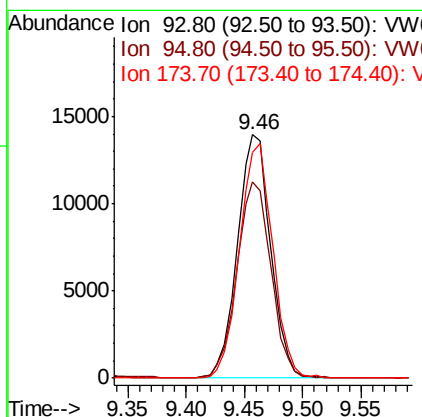
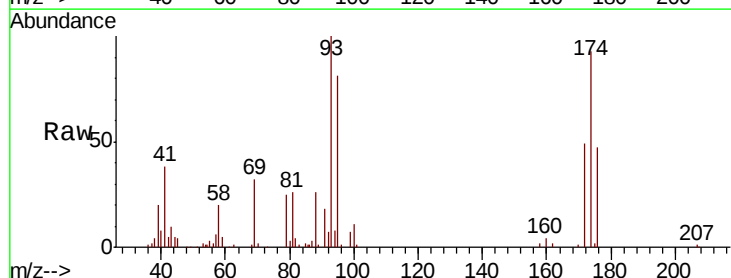
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

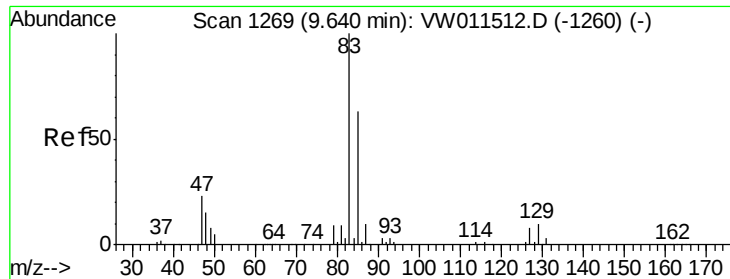
Tgt Ion: 63 Resp: 61531
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.4



#46
 Dibromomethane
 Concen: 21.374 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 93 Resp: 27727
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.2
 174 96.7 78.2 117.4





#47

Bromodichloromethane

Concen: 20.946 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

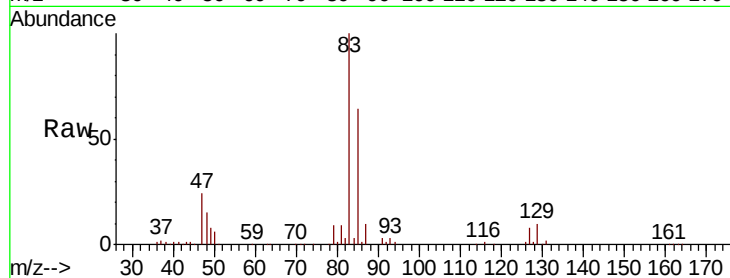
Tgt Ion: 83 Resp: 71273

Ion Ratio Lower Upper

83 100

85 63.7 50.5 75.7

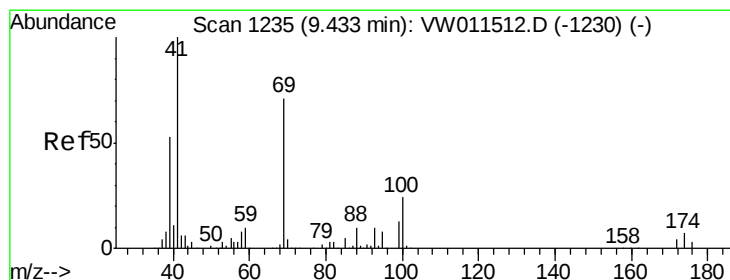
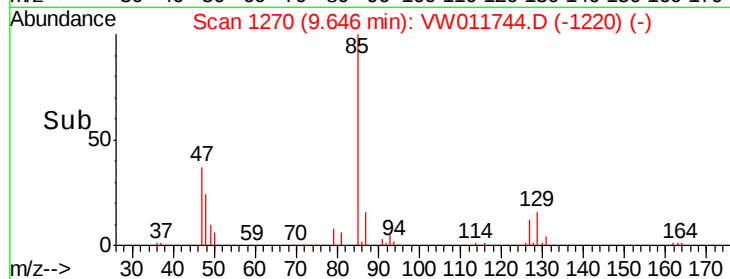
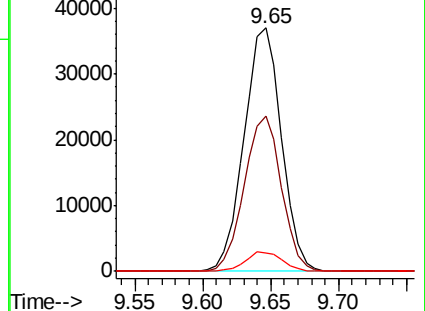
127 7.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.287 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

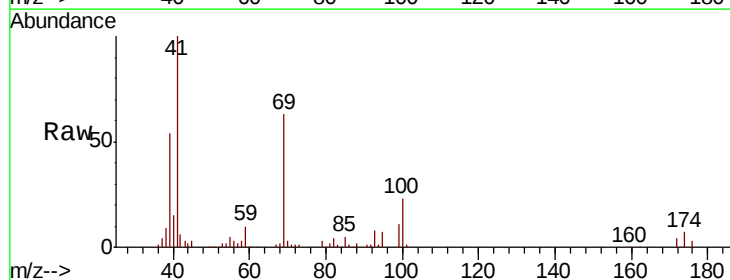
Tgt Ion: 41 Resp: 39102

Ion Ratio Lower Upper

41 100

69 73.5 57.1 85.7

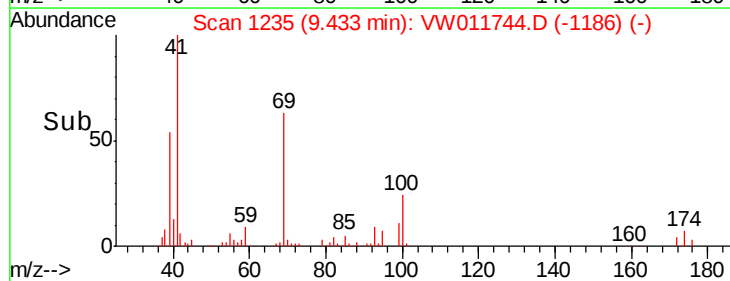
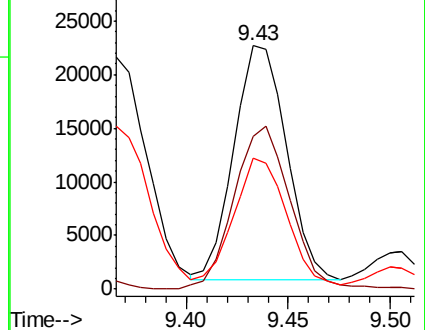
39 54.5 45.4 68.2

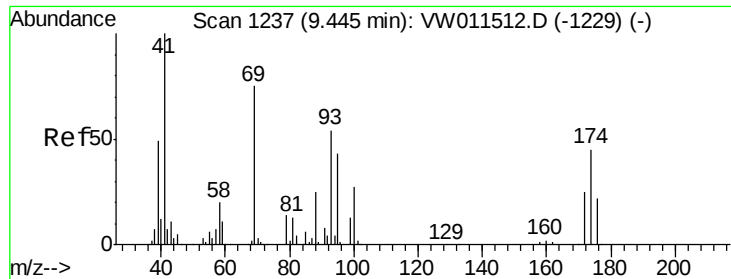


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 410.323 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

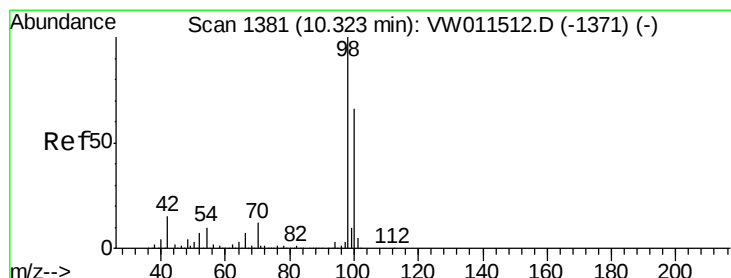
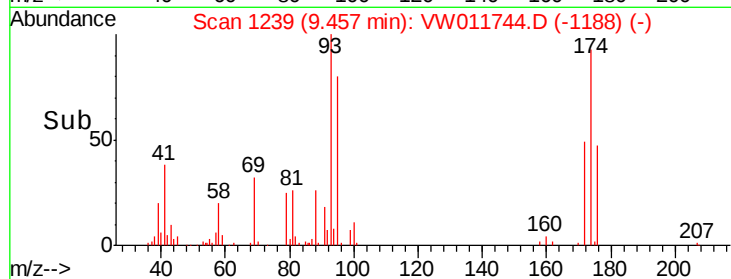
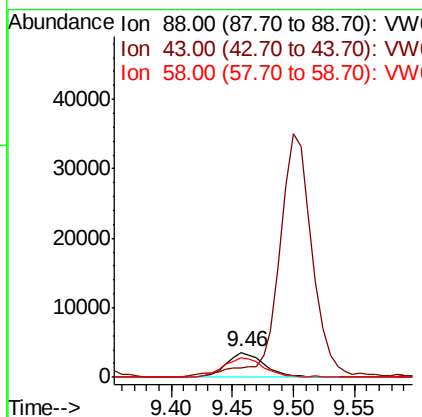
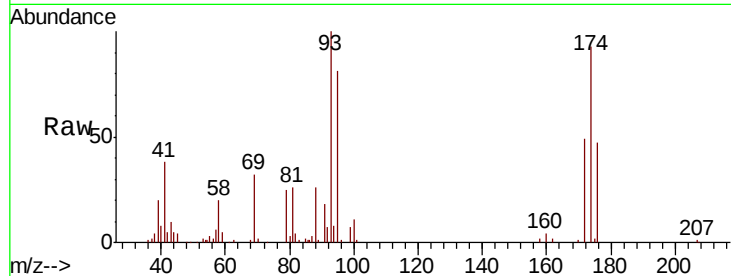
Tgt Ion: 88 Resp: 7707

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

58 84.1 69.7 104.5



#50

Toluene-d8

Concen: 57.718 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011744.D

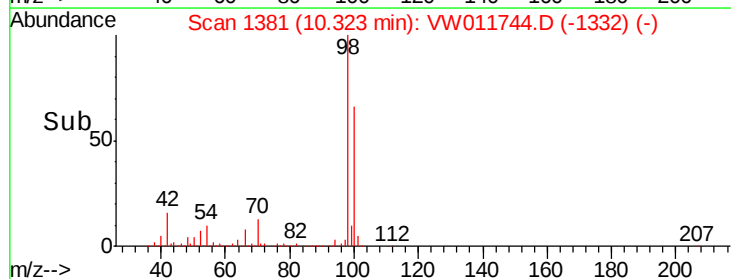
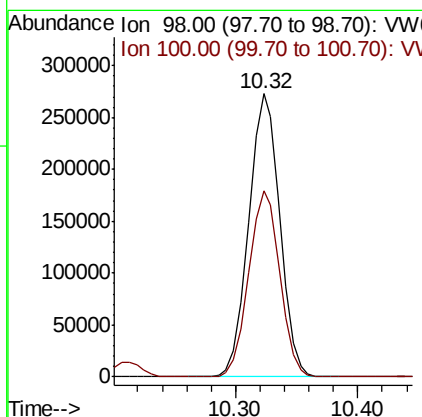
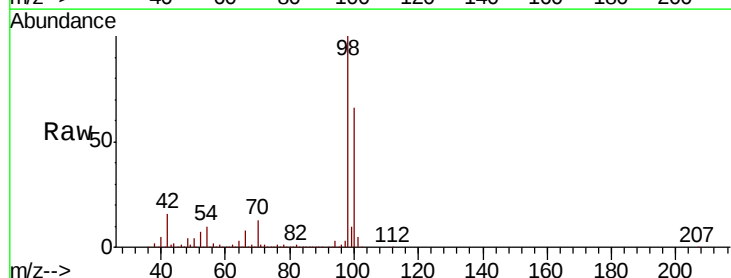
Acq: 07 Aug 2019 12:13

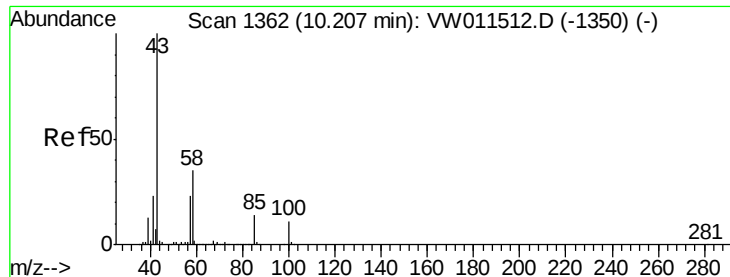
Tgt Ion: 98 Resp: 483503

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1

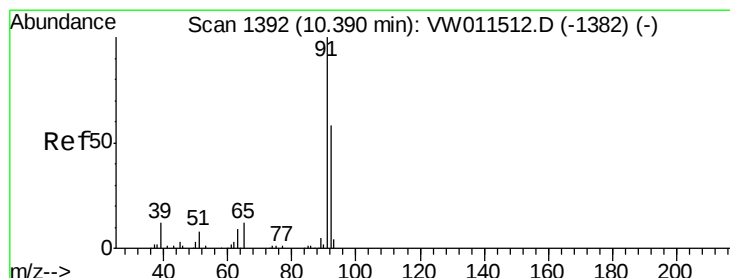
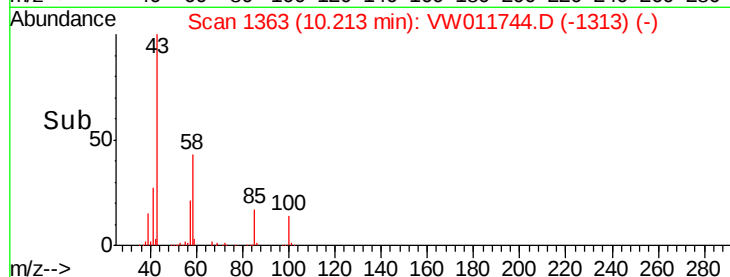
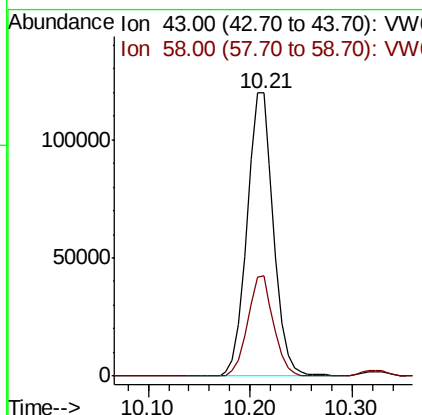
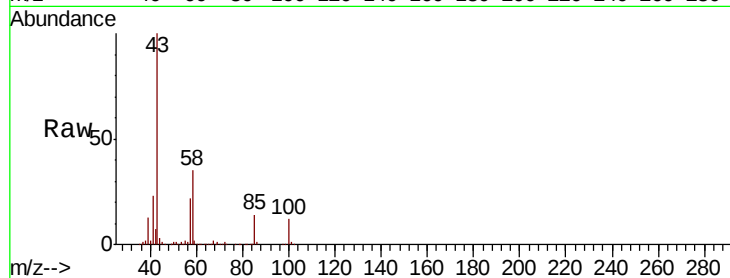




#51
 4-Methyl-2-Pentanone
 Concen: 103.441 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

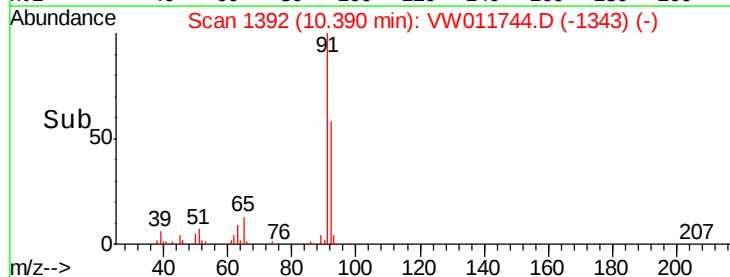
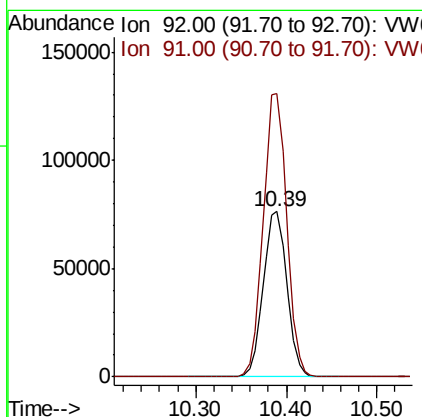
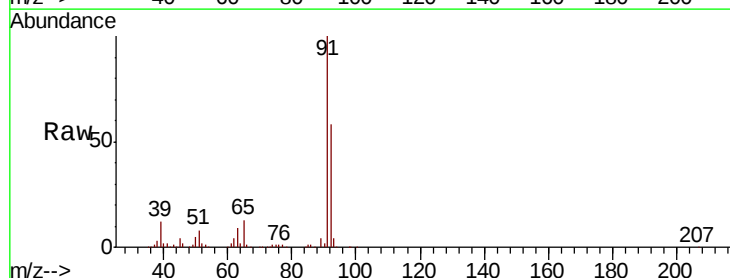
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

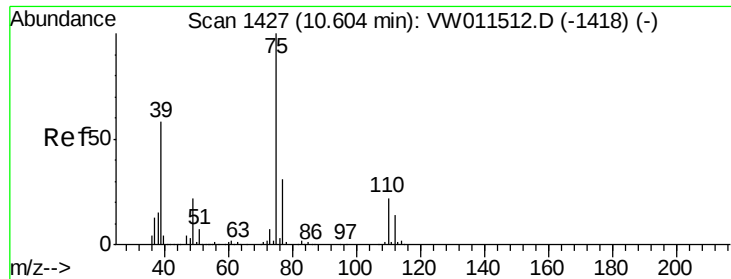
Tgt Ion: 43 Resp: 215887
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 21.559 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 92 Resp: 138295
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.7 205.1

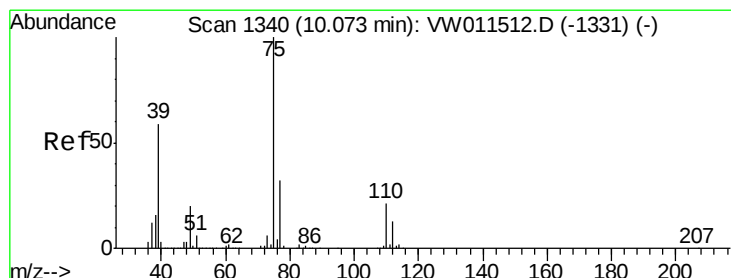
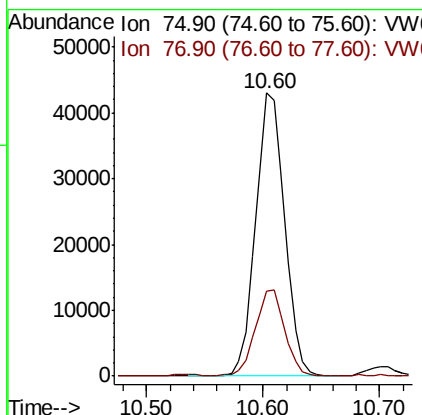
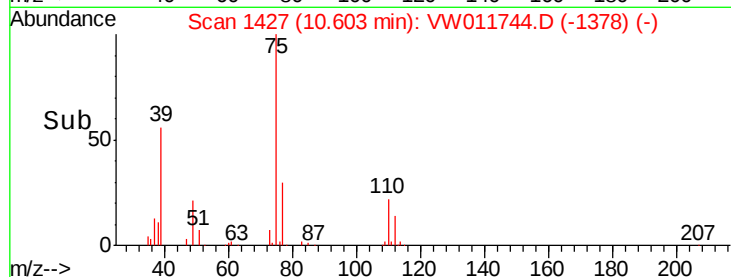
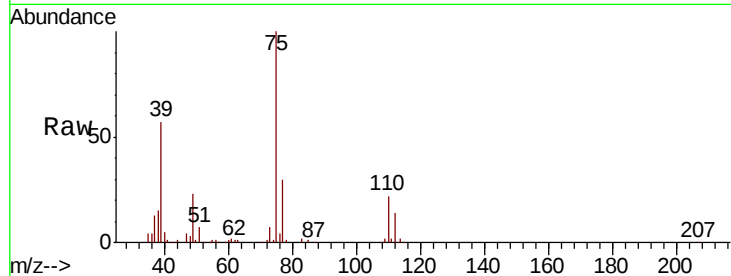




#53
t-1,3-Dichloropropene
Concen: 20.957 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

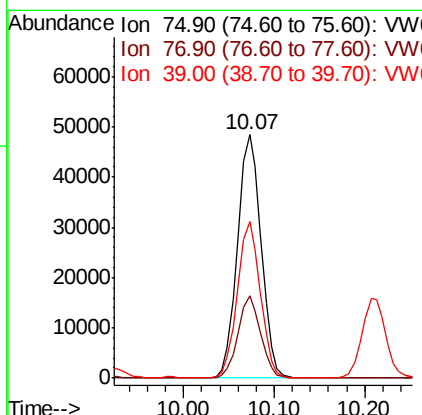
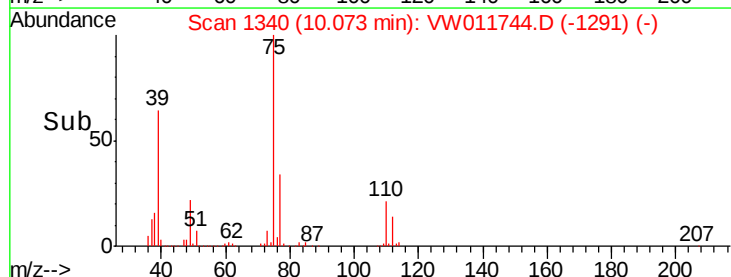
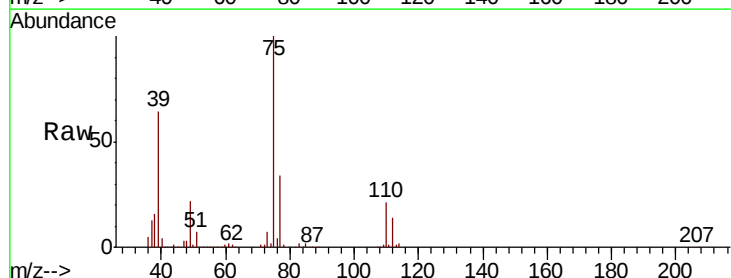
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

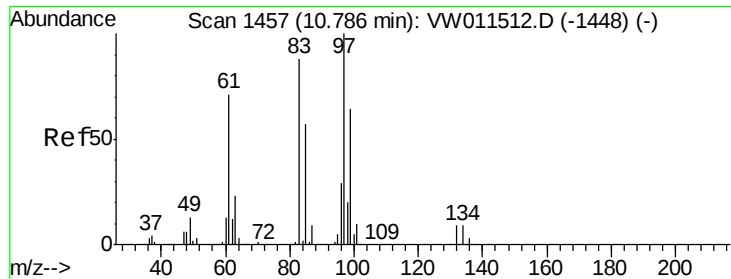
Tgt Ion: 75 Resp: 74494
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.747 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 75 Resp: 87683
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
39 64.1 47.0 70.4

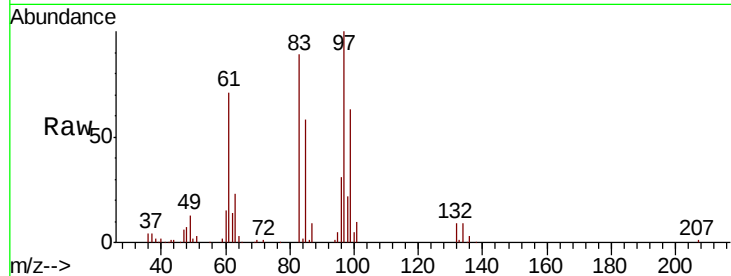




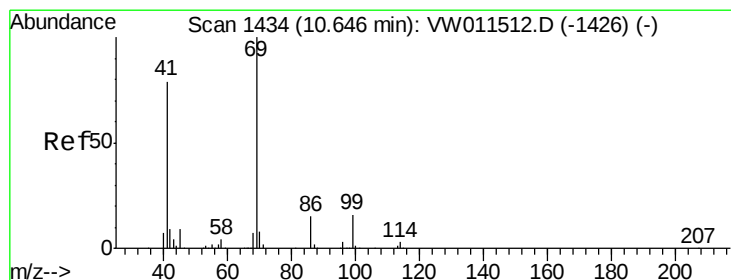
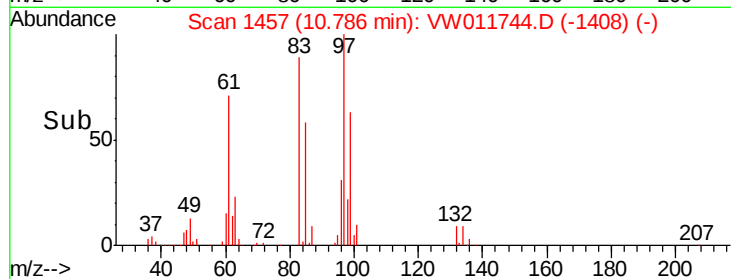
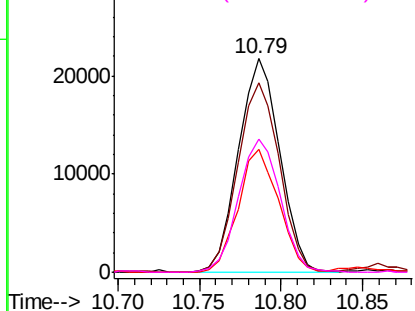
#55
 1,1,2-Trichloroethane
 Concen: 20.875 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

Tgt Ion:	97	Resp:	38421
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.5	105.7
85	57.7	45.8	68.6
99	62.5	51.0	76.4

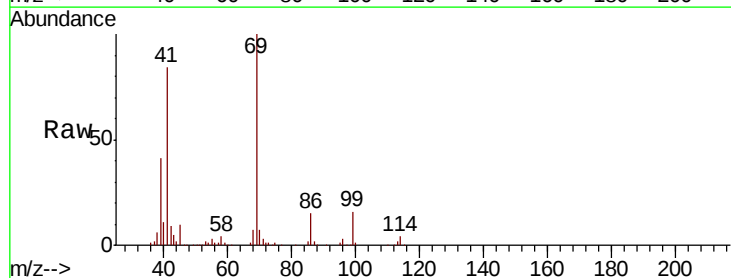


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

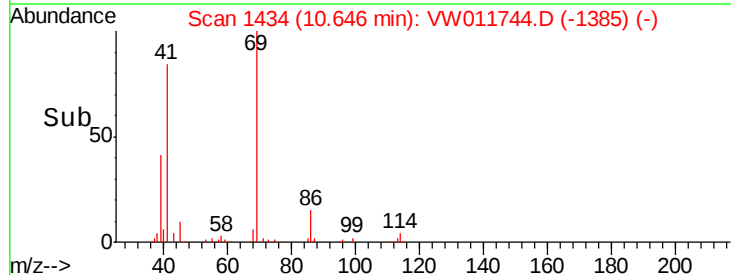
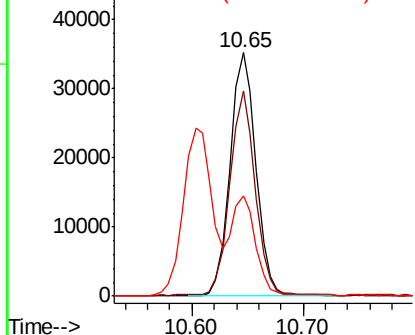


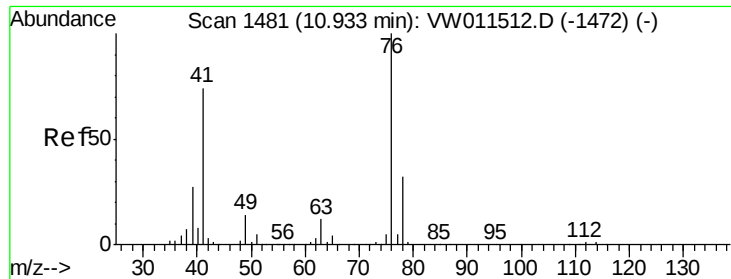
#56
 Ethyl methacrylate
 Concen: 21.036 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion:	69	Resp:	56656
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.6	99.8
39	37.9	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 21.022 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

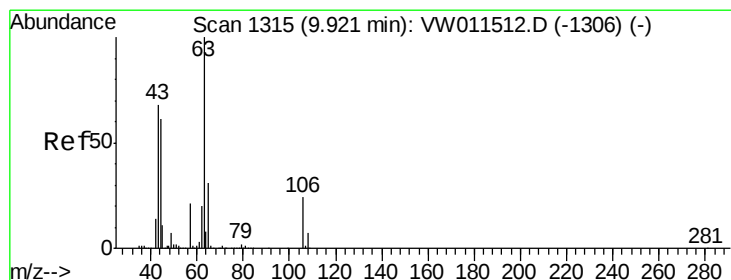
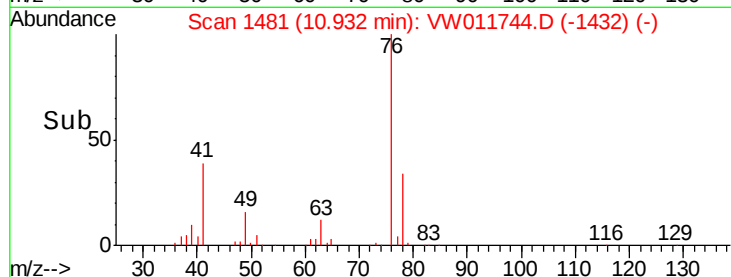
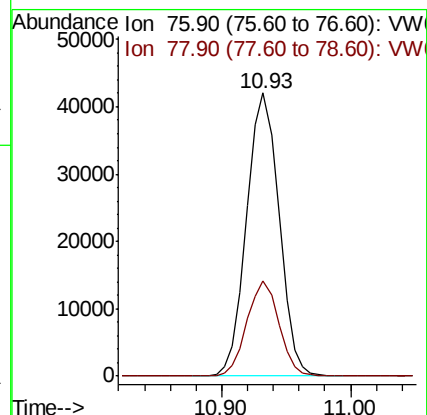
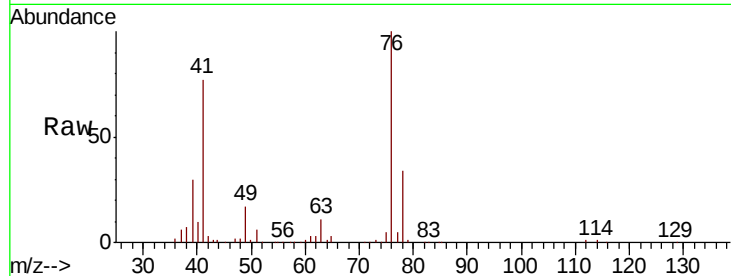
VW0808SBS01

Tgt Ion: 76 Resp: 73200

Ion Ratio Lower Upper

76 100

78 32.9 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.264 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW011744.D

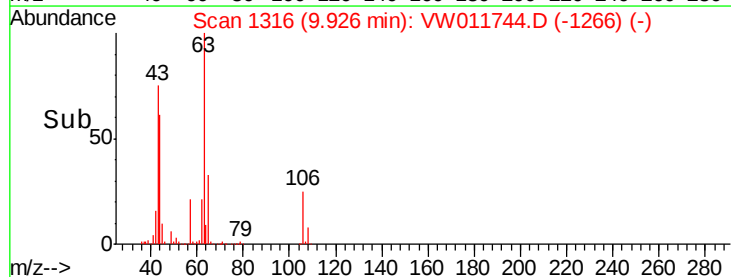
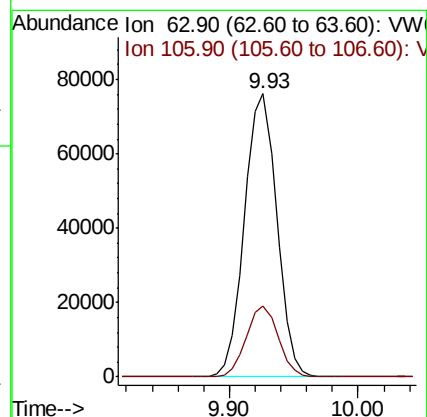
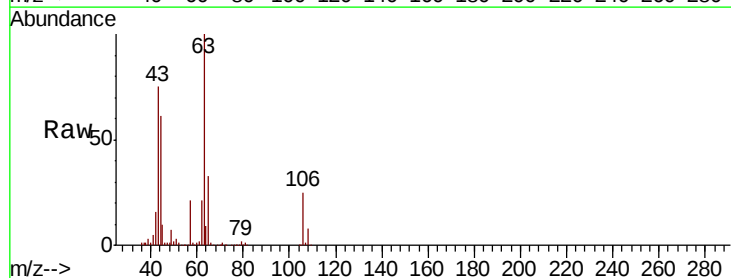
Acq: 07 Aug 2019 12:13

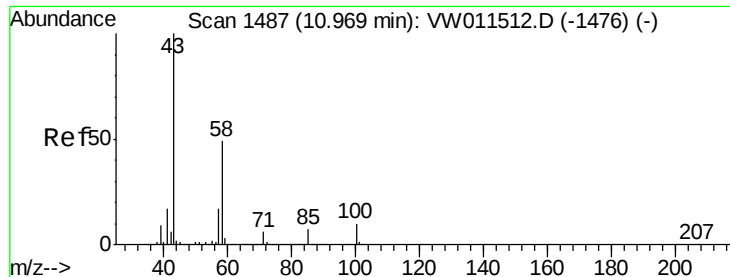
Tgt Ion: 63 Resp: 132393

Ion Ratio Lower Upper

63 100

106 24.8 19.7 29.5

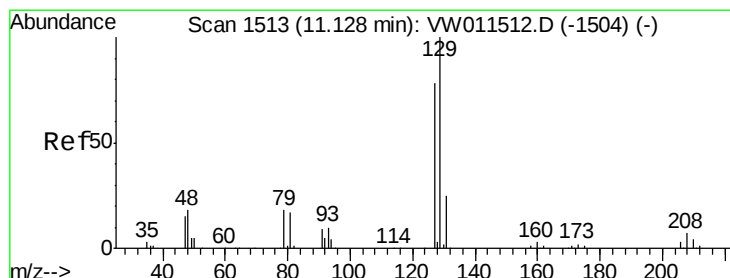
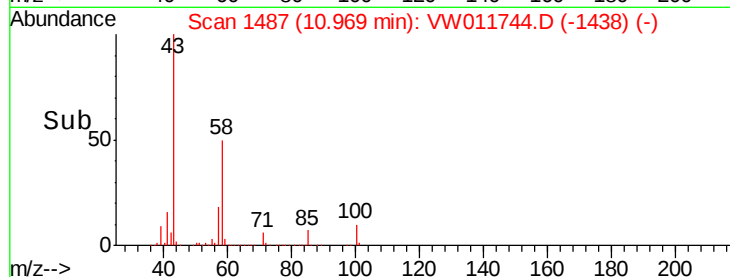
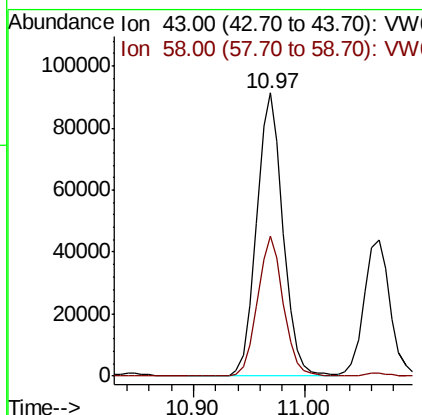
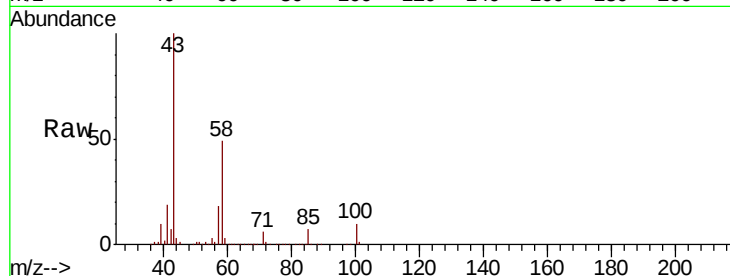




#59
2-Hexanone
Concen: 102.147 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

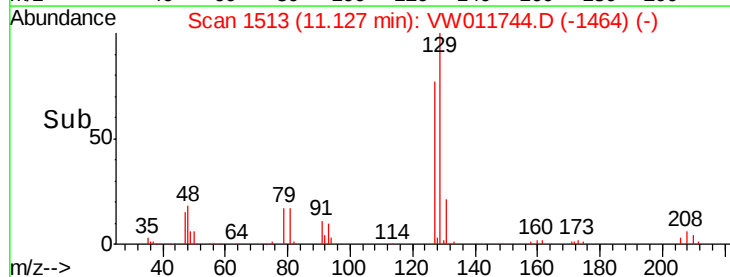
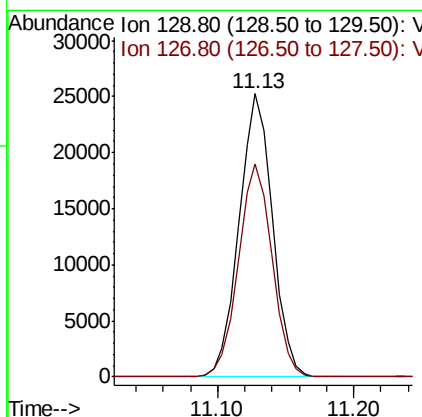
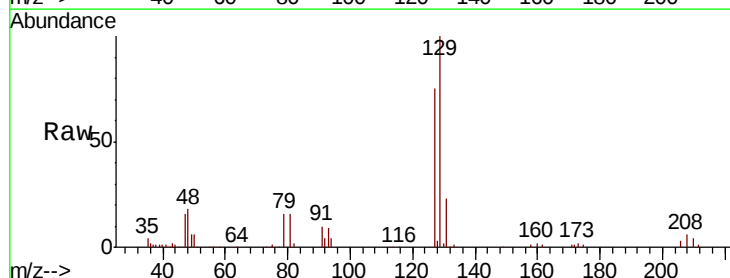
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

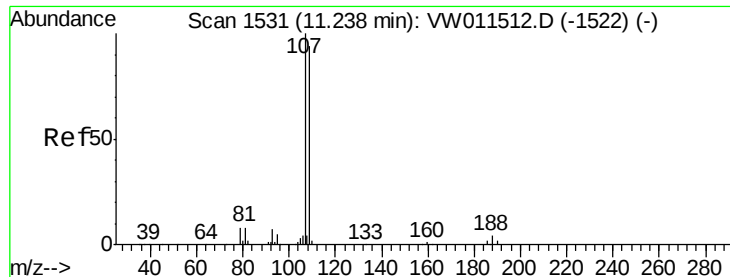
Tgt Ion: 43 Resp: 150524
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9



#60
Dibromochloromethane
Concen: 21.161 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 129 Resp: 43232
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7

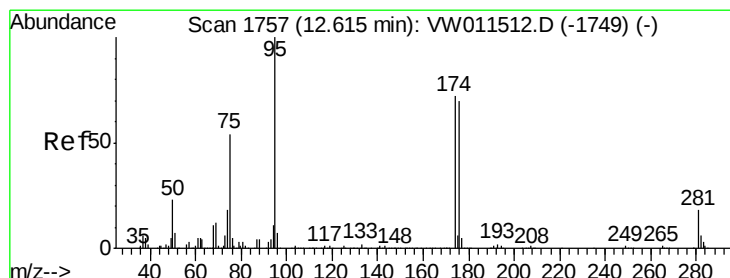
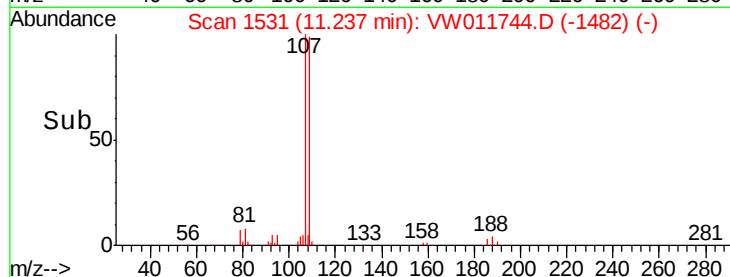
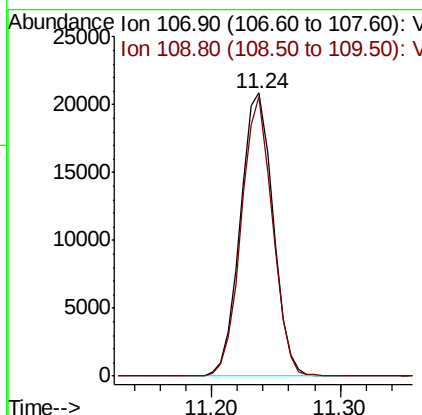
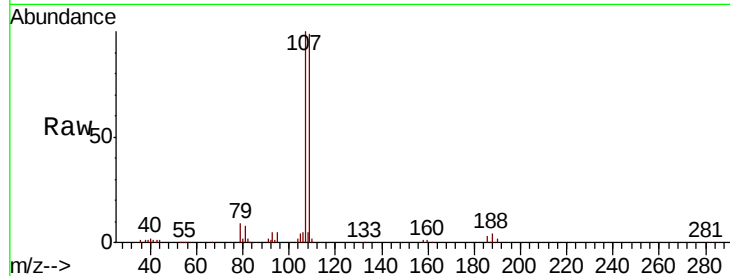




#61
 1,2-Dibromoethane
 Concen: 21.048 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

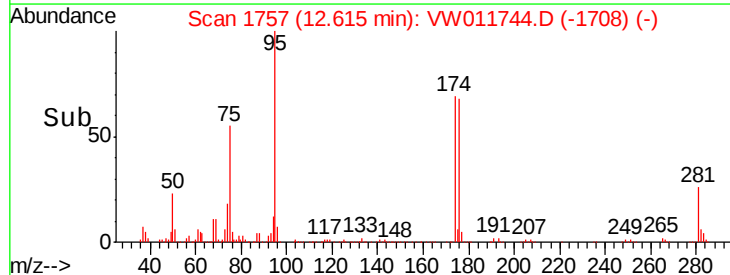
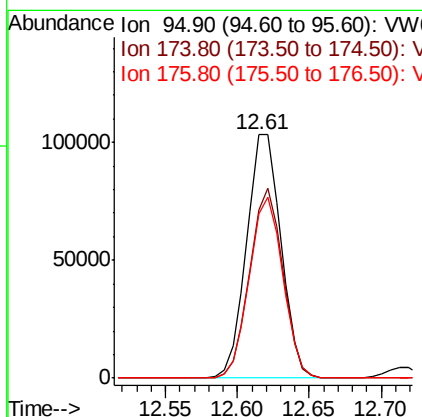
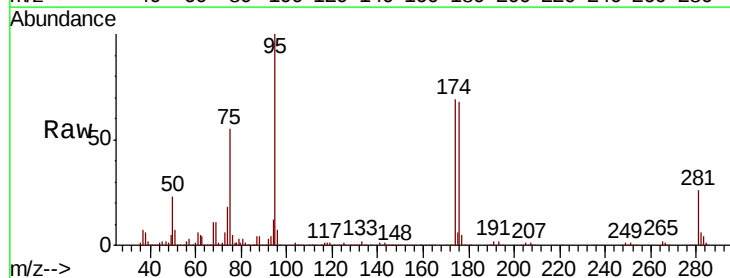
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

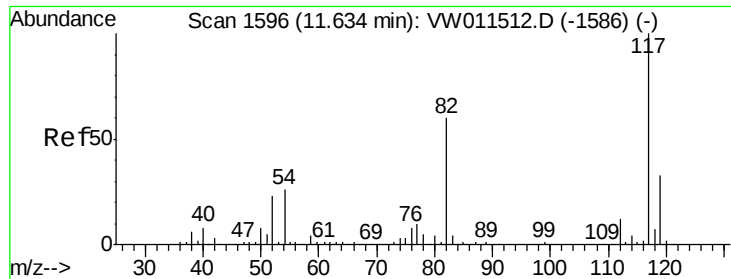
Tgt Ion: 107 Resp: 36661
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 57.246 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 95 Resp: 170971
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.2
 176 72.7 0.0 144.4

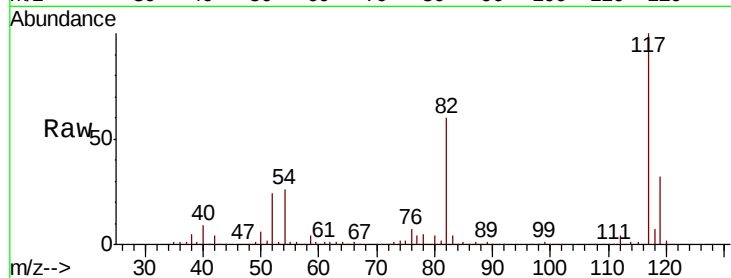




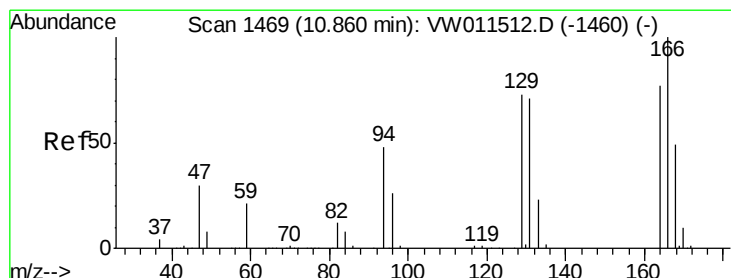
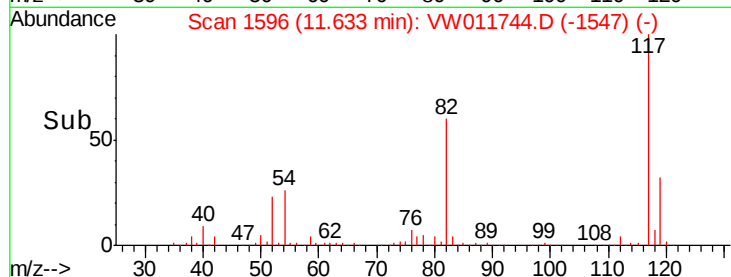
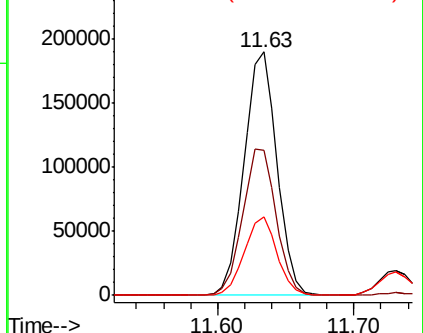
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:117 Resp: 321015
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 32.1 26.2 39.2

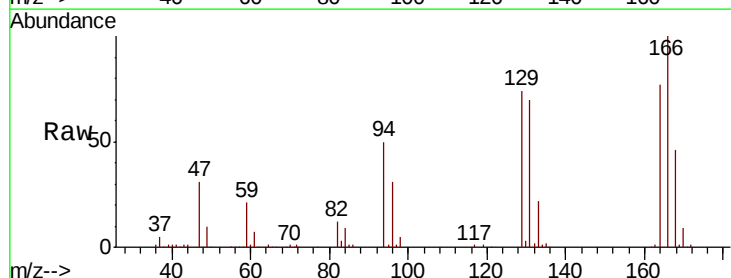


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

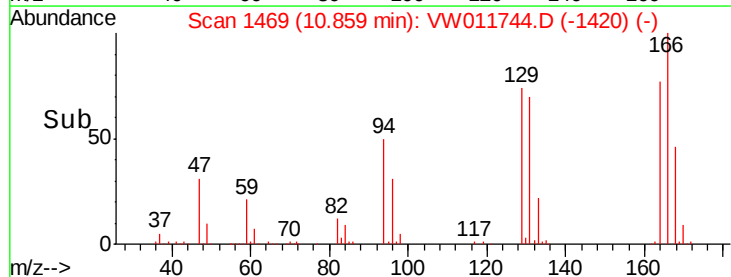
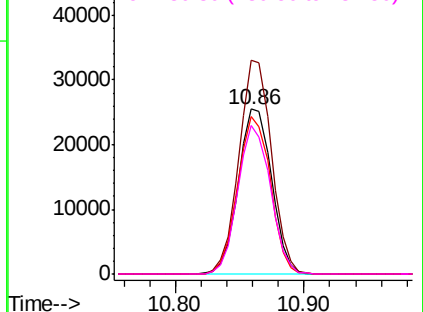


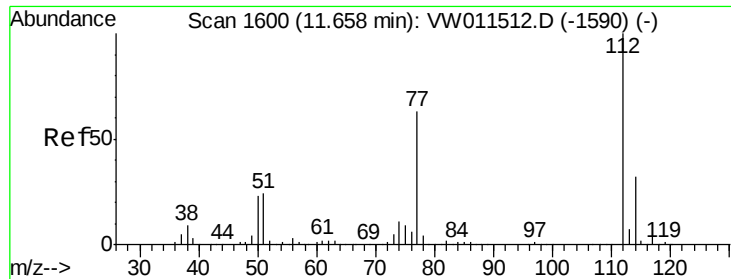
#64
Tetrachloroethene
Concen: 21.818 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion:164 Resp: 45604
Ion Ratio Lower Upper
164 100
166 129.7 103.5 155.3
129 95.9 75.2 112.8
131 90.4 73.4 110.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

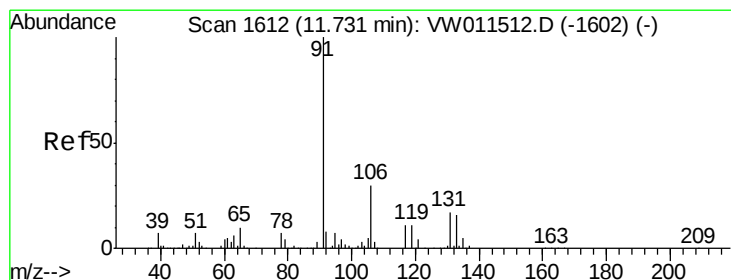
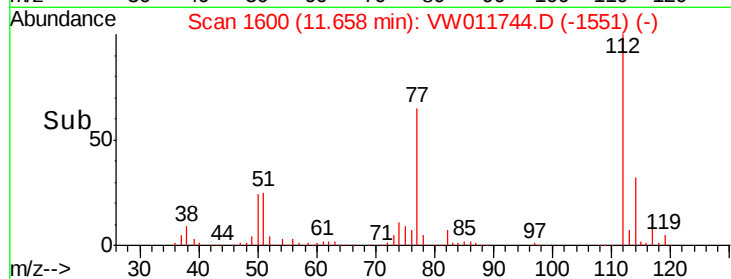
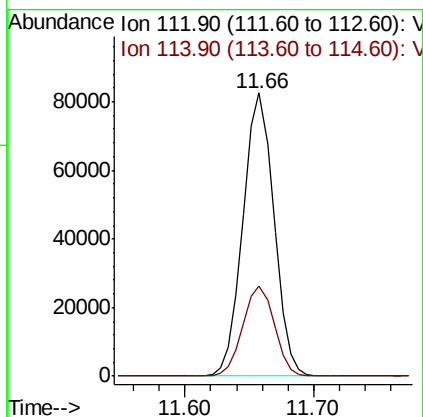
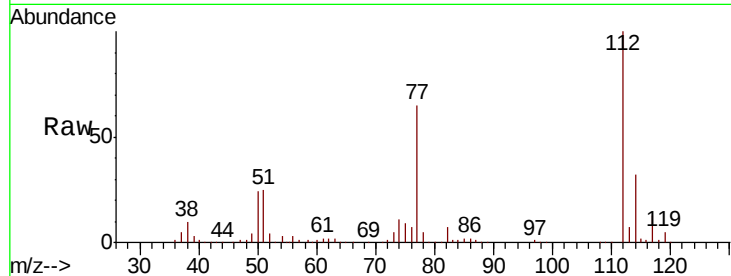




#65
Chlorobenzene
Concen: 21.259 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

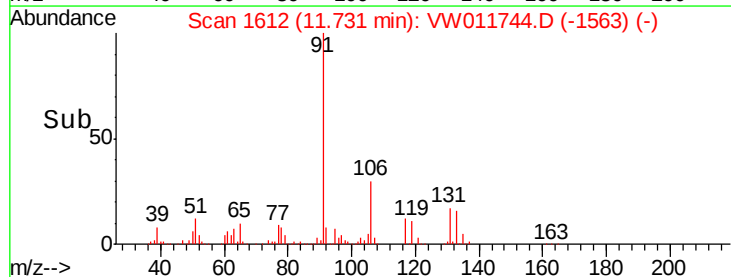
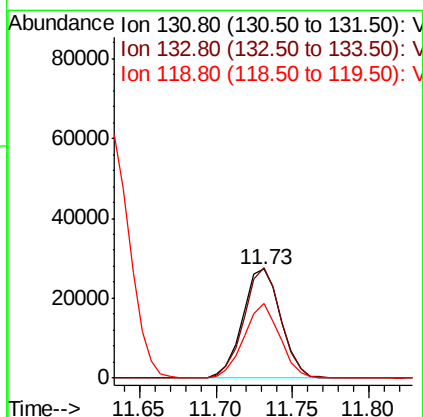
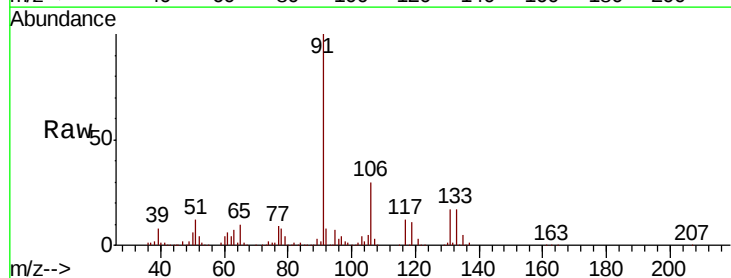
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

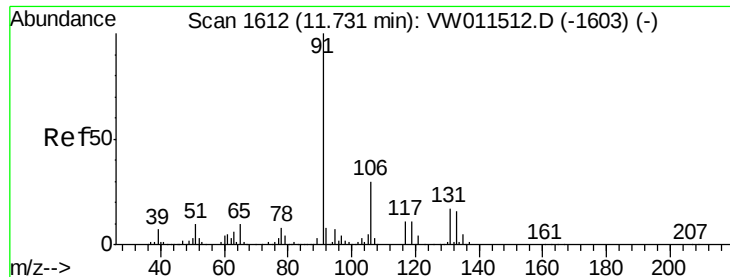
Tgt Ion:112 Resp: 137206
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.097 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion:131 Resp: 47427
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.2
119 64.5 32.3 96.9

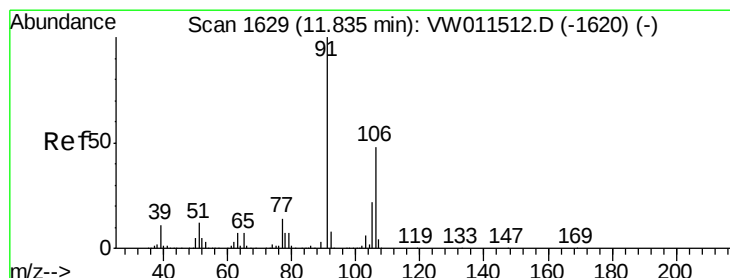
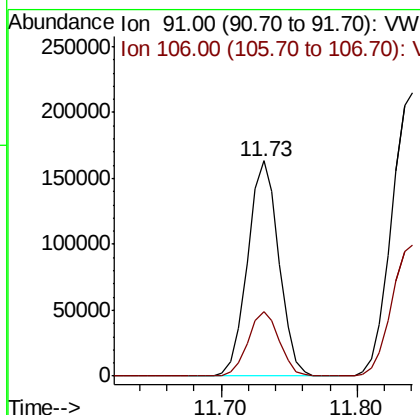
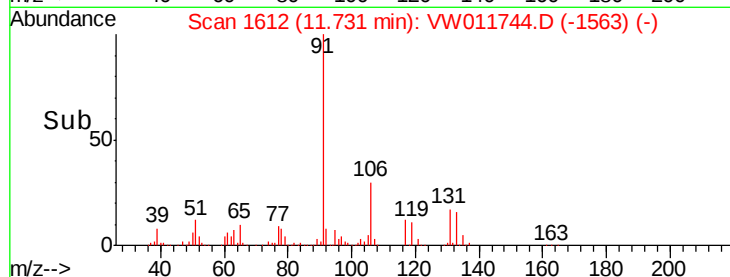
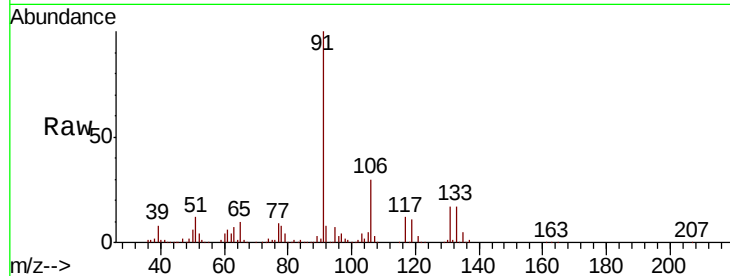




#67
Ethyl Benzene
Concen: 21.445 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

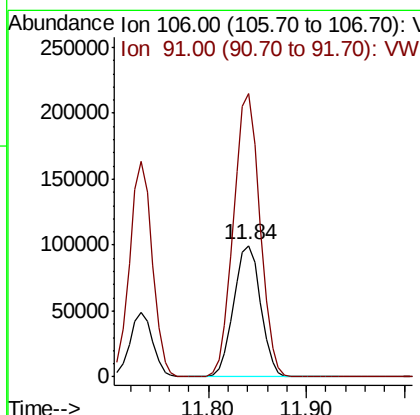
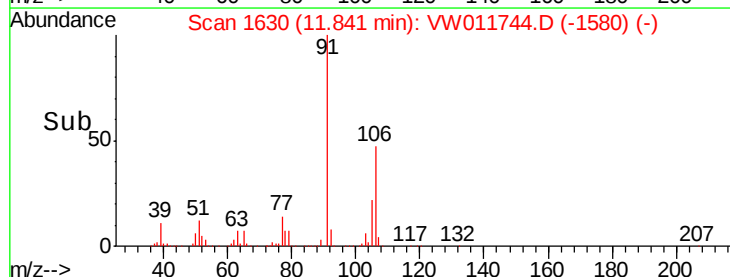
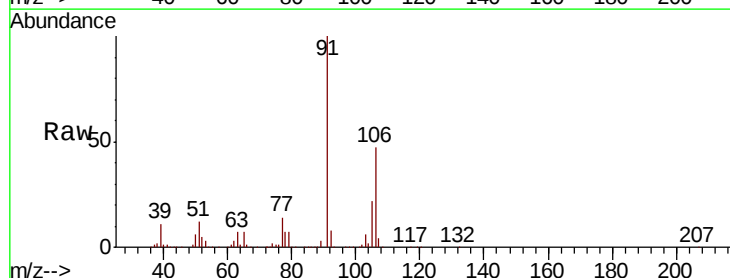
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

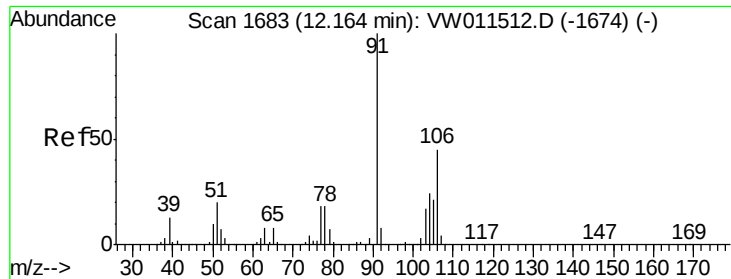
Tgt Ion: 91 Resp: 263598
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6



#68
m/p-Xylenes
Concen: 42.810 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion: 106 Resp: 191365
Ion Ratio Lower Upper
106 100
91 210.8 168.2 252.2

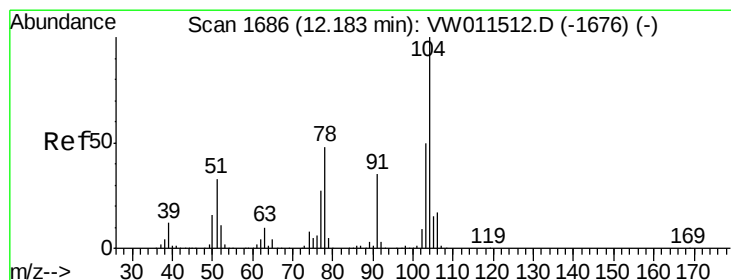
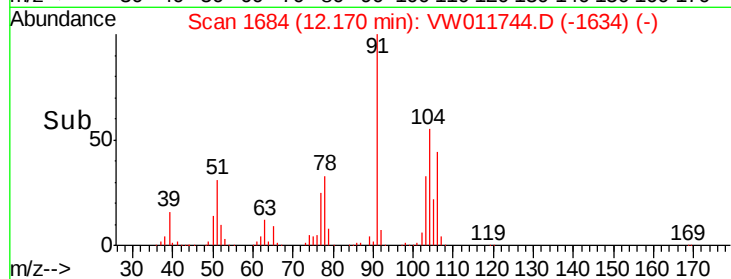
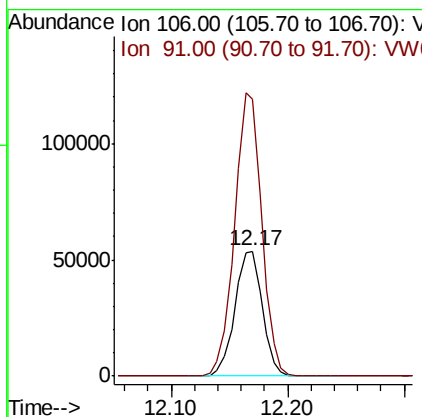
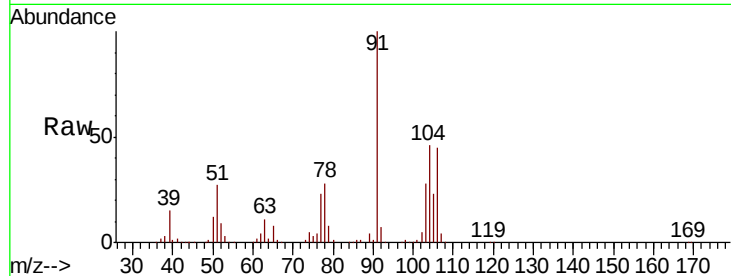




#69
o-Xylene
Concen: 21.308 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

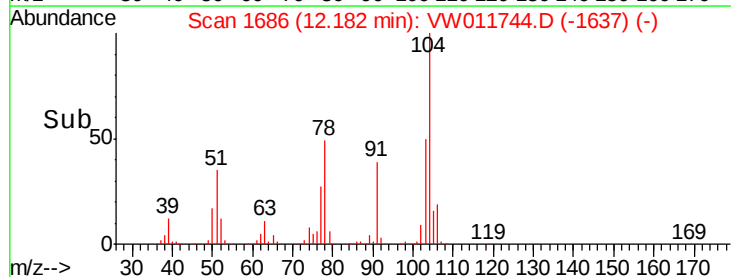
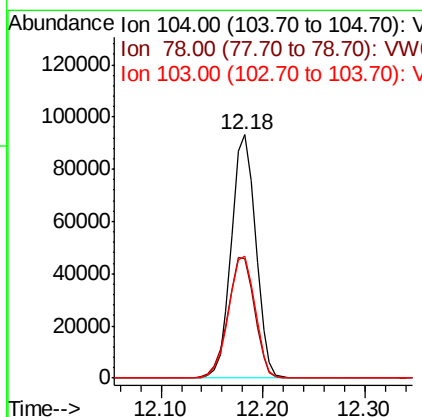
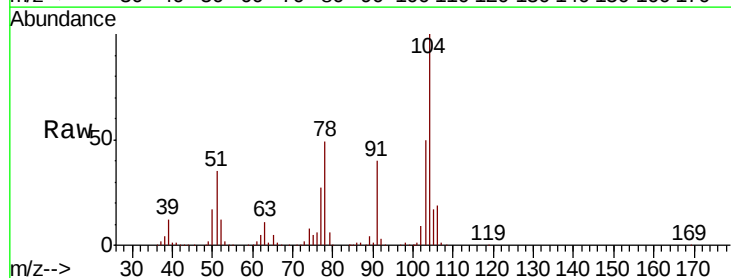
Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

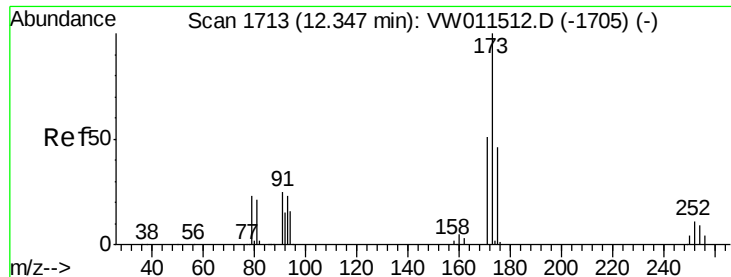
Tgt Ion:106 Resp: 88510
Ion Ratio Lower Upper
106 100
91 223.1 110.5 331.5



#70
Styrene
Concen: 21.439 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion:104 Resp: 153980
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 21.207 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

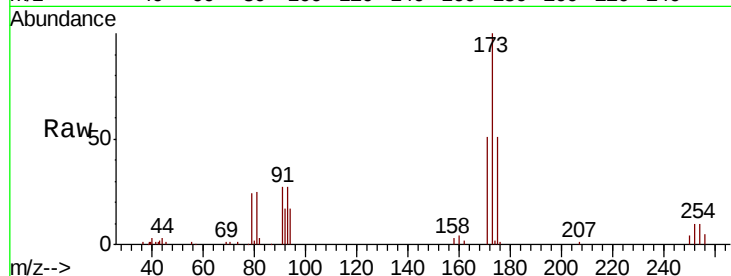
Tgt Ion:173 Resp: 24307

Ion Ratio Lower Upper

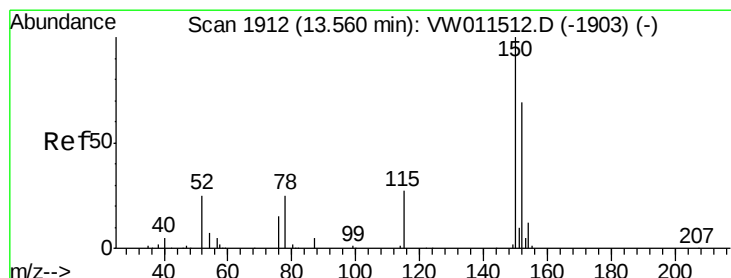
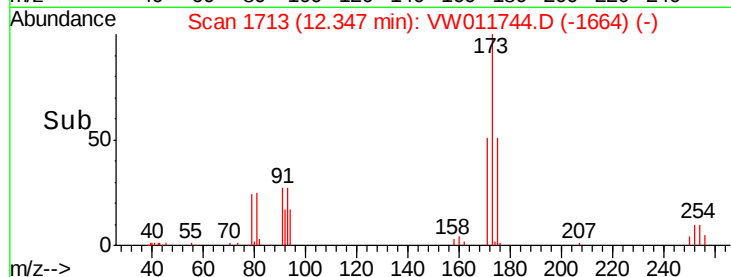
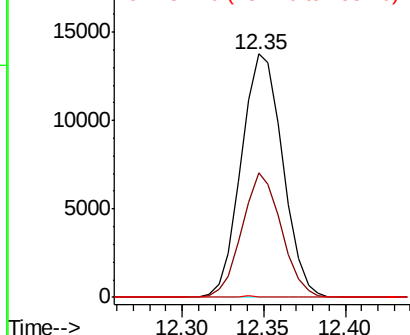
173 100

175 48.7 23.6 71.0

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

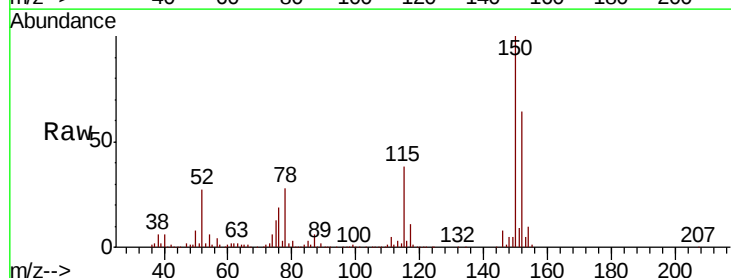
Tgt Ion:152 Resp: 158698

Ion Ratio Lower Upper

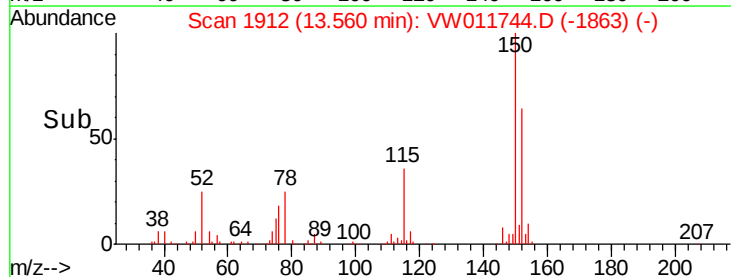
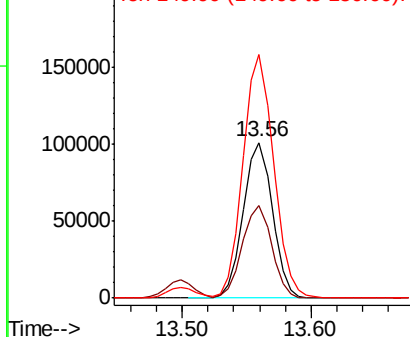
152 100

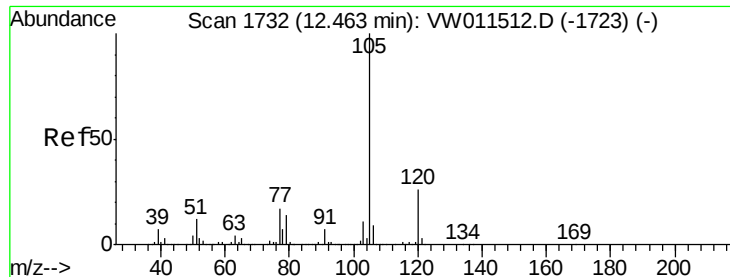
115 60.2 30.5 91.5

150 163.6 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.047 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

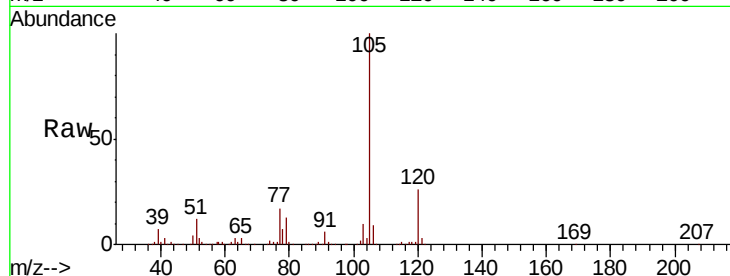
VW0808SBSD01

Tgt Ion: 105 Resp: 249179

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

150000

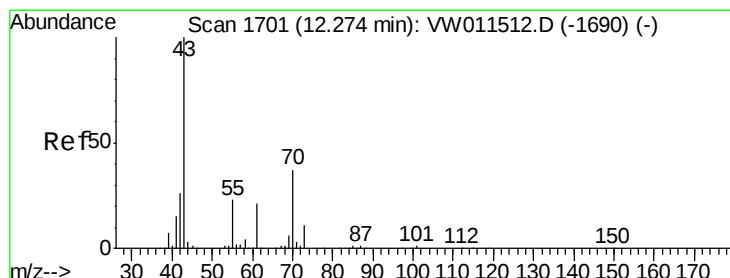
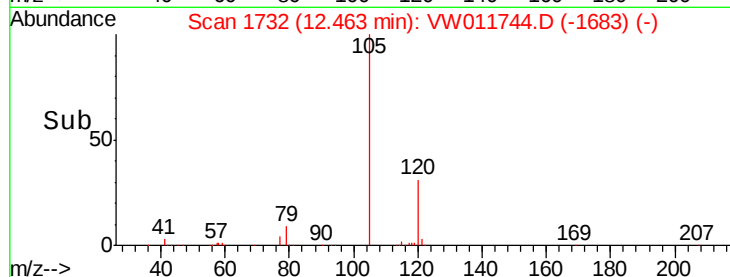
100000

50000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 20.423 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Tgt Ion: 43 Resp: 75700

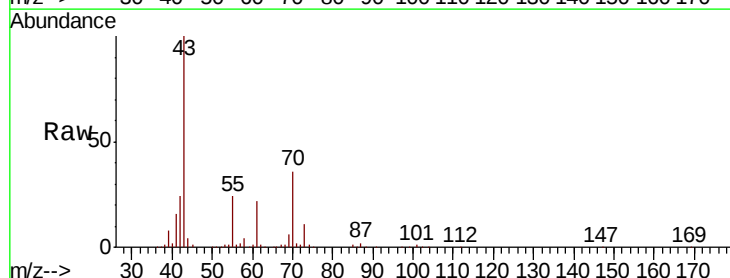
Ion Ratio Lower Upper

43 100

70 35.3 28.6 43.0

55 23.7 17.8 26.8

61 21.6 17.0 25.6



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

80000

60000

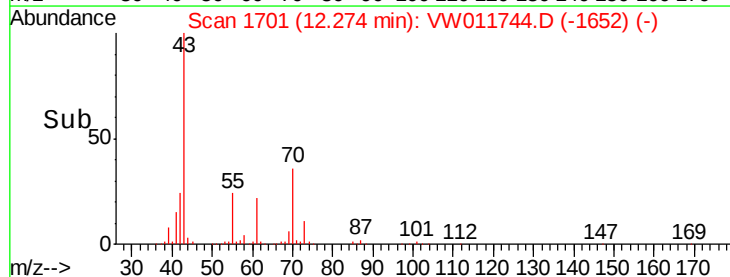
40000

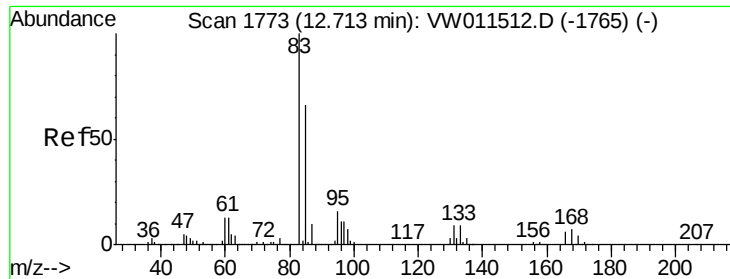
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 20.821 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

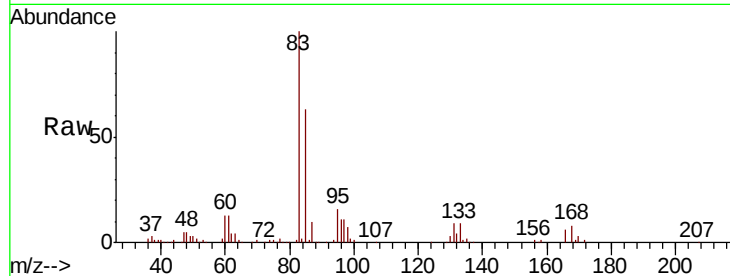
Tgt Ion: 83 Resp: 46367

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

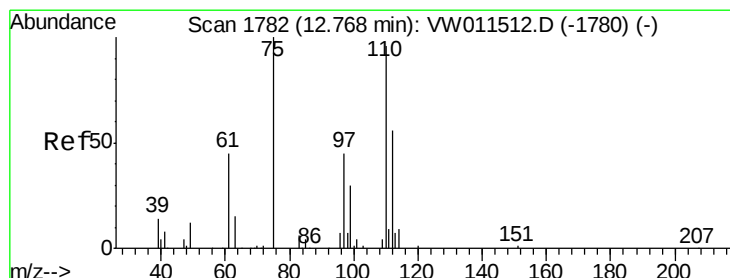
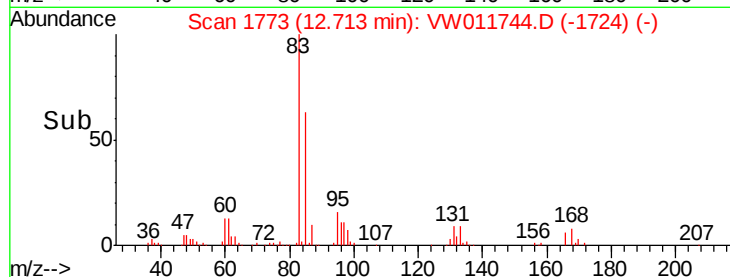
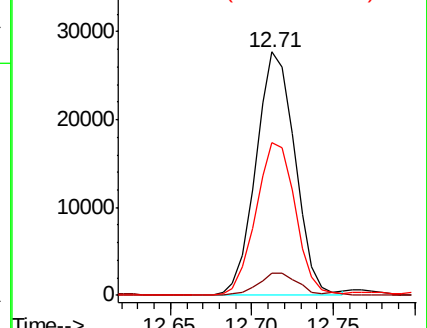
85 63.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.139 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011744.D

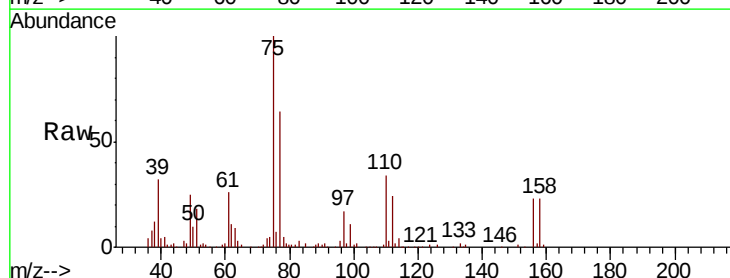
Acq: 07 Aug 2019 12:13

Tgt Ion: 75 Resp: 62364

Ion Ratio Lower Upper

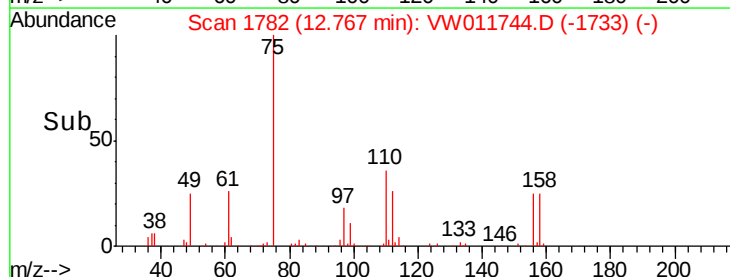
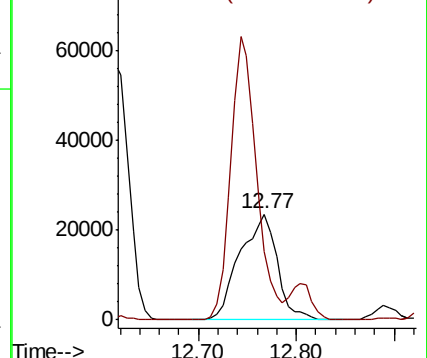
75 100

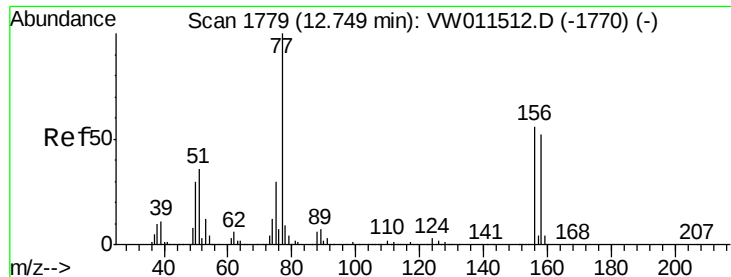
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.135 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

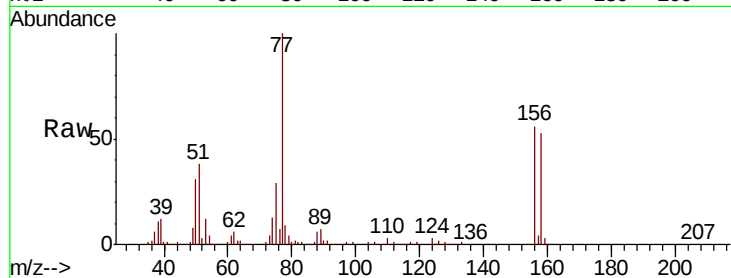
Tgt Ion:156 Resp: 55307

Ion Ratio Lower Upper

156 100

77 209.8 106.5 319.4

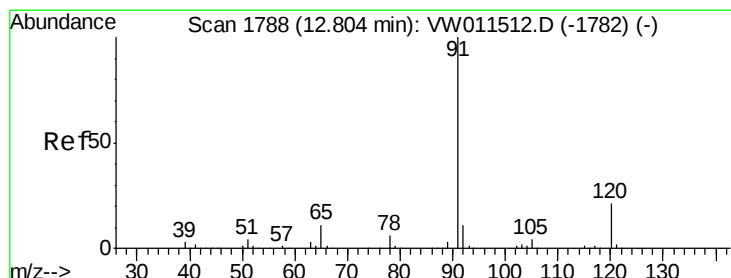
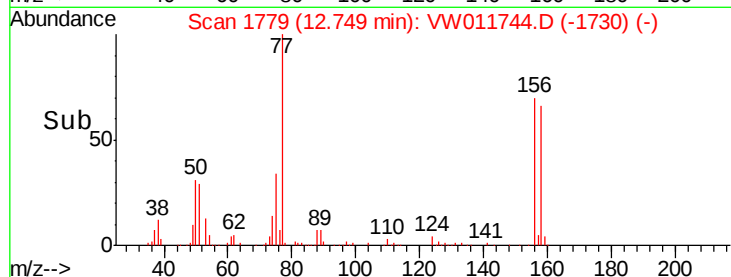
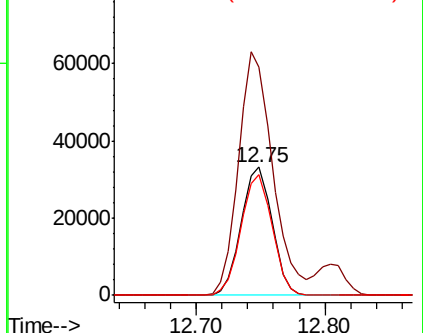
158 94.5 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.425 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011744.D

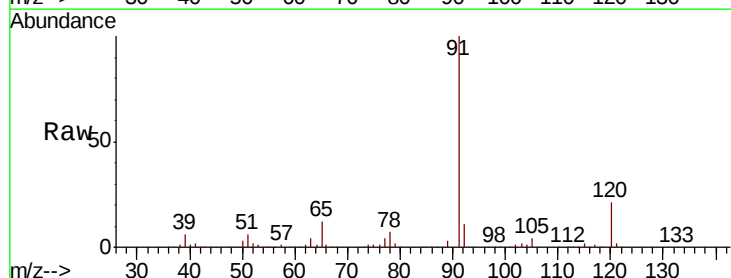
Acq: 07 Aug 2019 12:13

Tgt Ion: 91 Resp: 308695

Ion Ratio Lower Upper

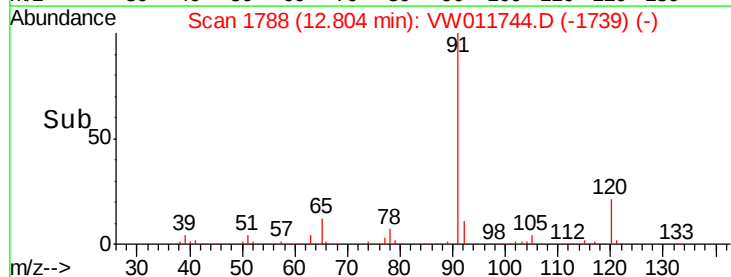
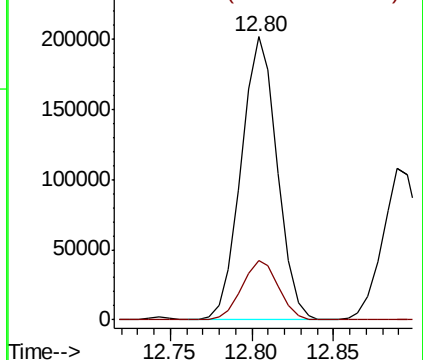
91 100

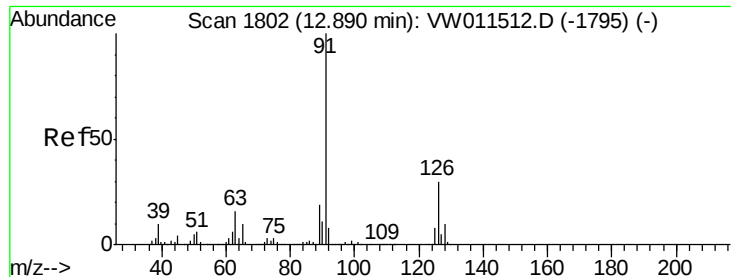
120 21.5 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

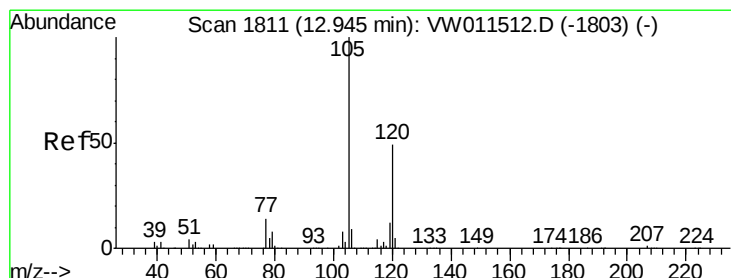
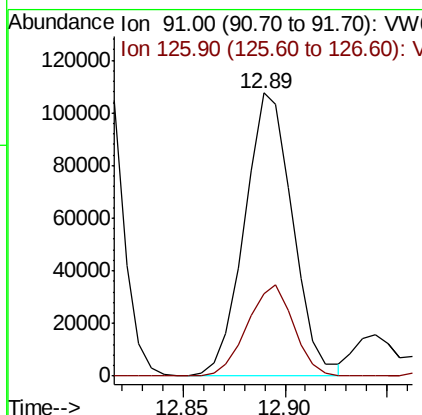
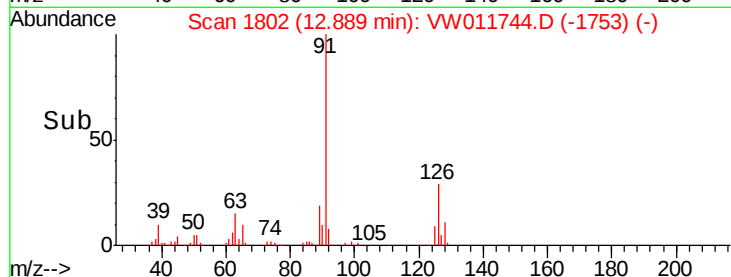
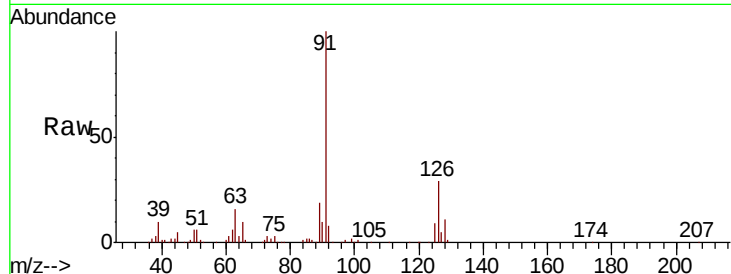




#79
 2-Chlorotoluene
 Concen: 21.202 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

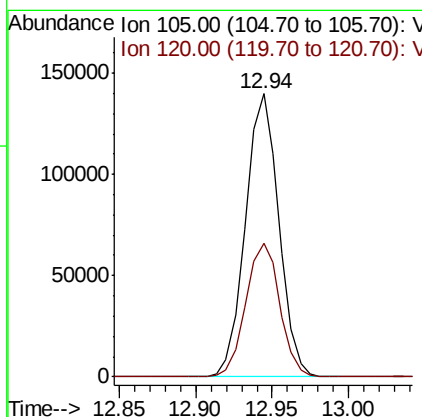
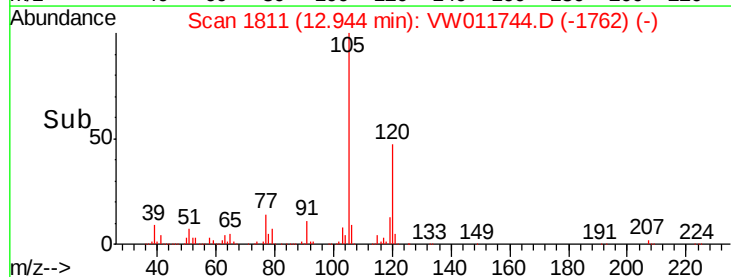
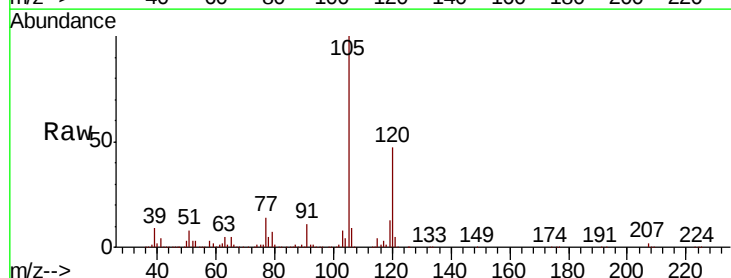
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

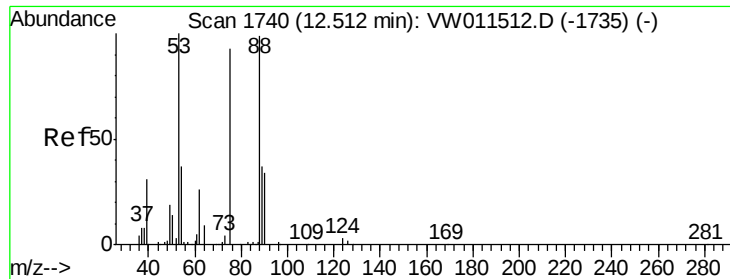
Tgt Ion: 91 Resp: 175996
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.262 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 105 Resp: 211012
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.627 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBSD01

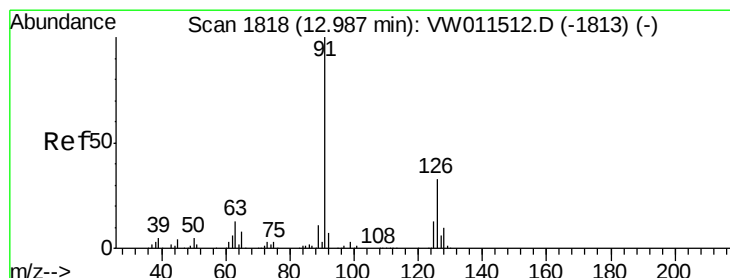
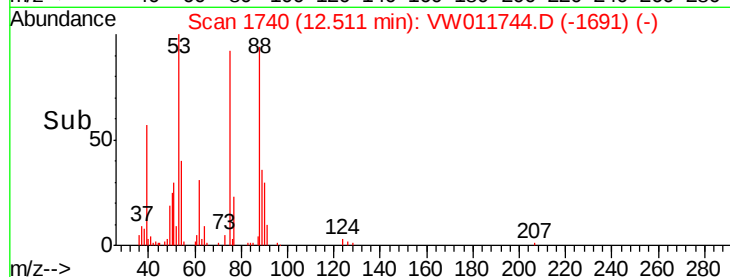
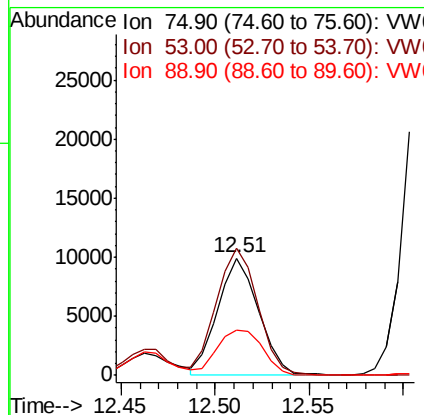
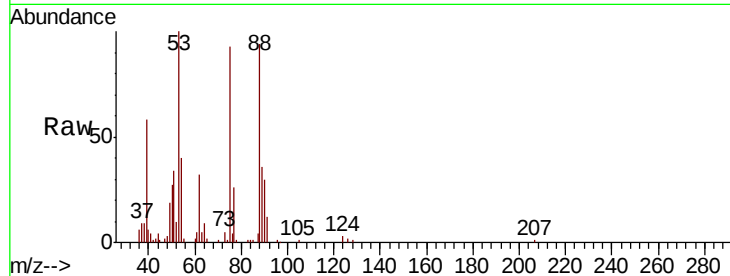
Tgt Ion: 75 Resp: 15029

Ion Ratio Lower Upper

75 100

53 109.5 88.0 132.0

89 43.7 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.147 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011744.D

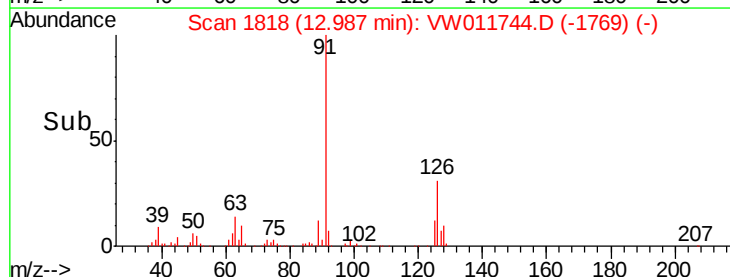
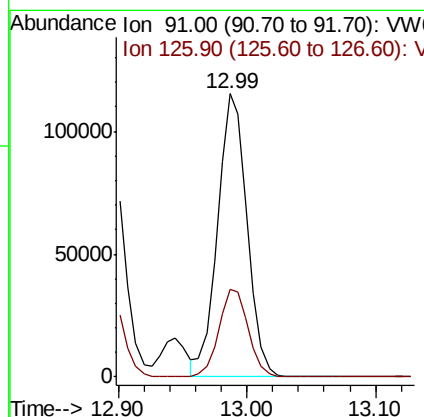
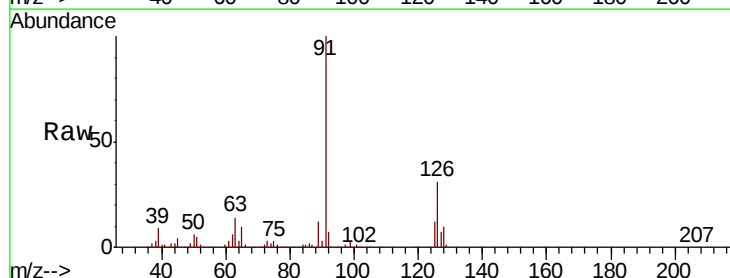
Acq: 07 Aug 2019 12:13

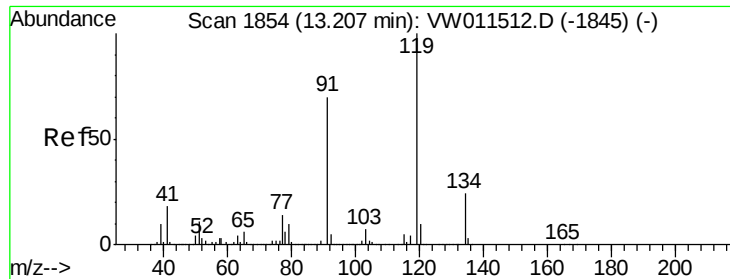
Tgt Ion: 91 Resp: 184169

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

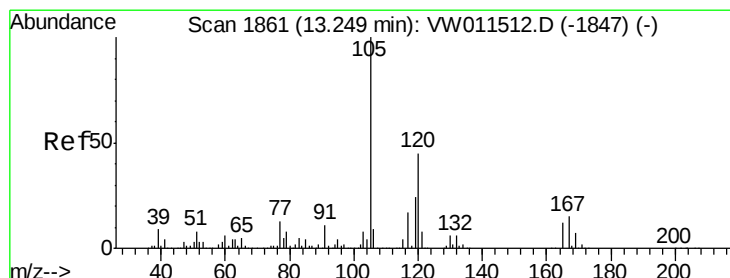
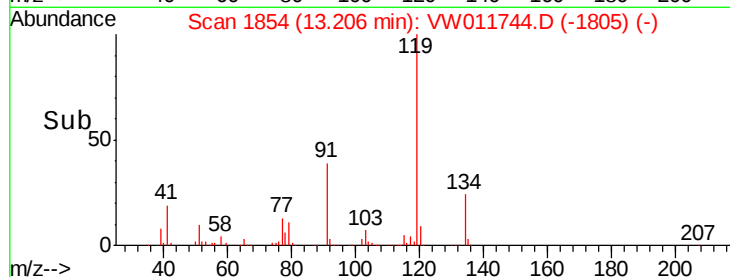
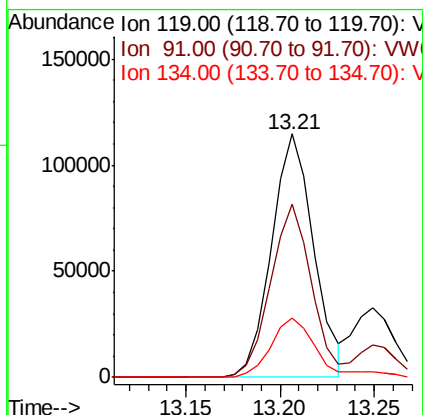
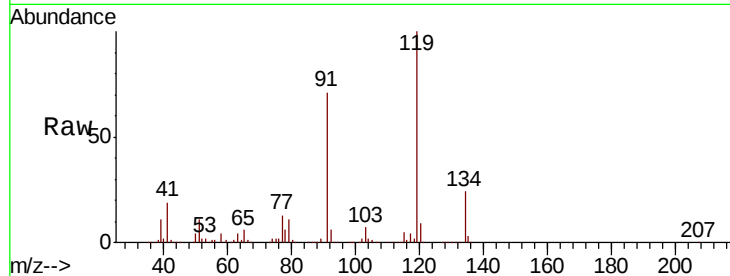




#83
 tert-Butylbenzene
 Concen: 21.436 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

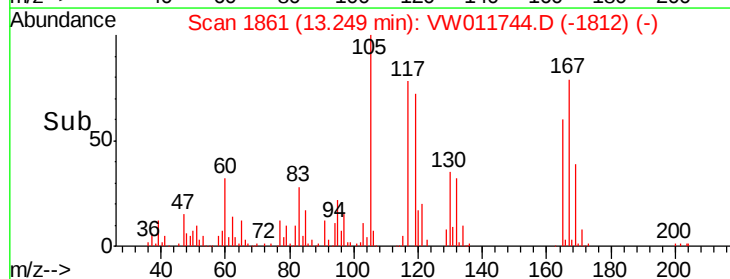
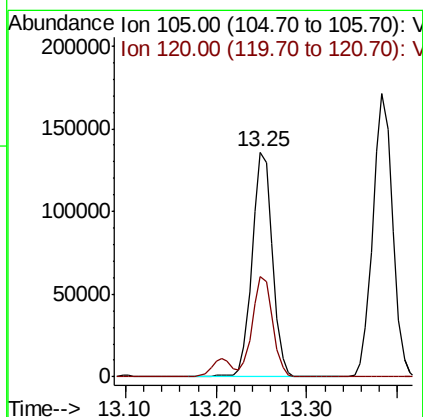
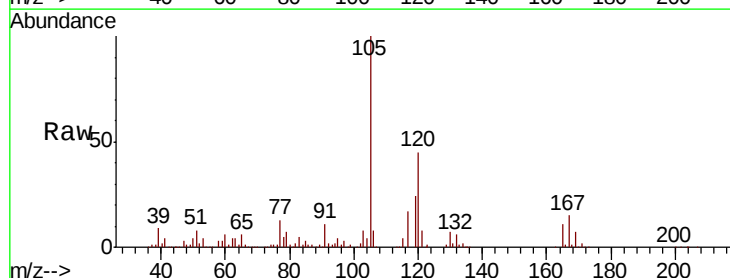
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

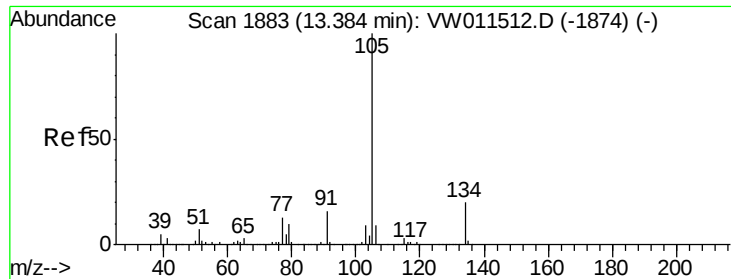
Tgt Ion:119 Resp: 177901
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.5 103.6
 134 26.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.100 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion:105 Resp: 210941
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.5

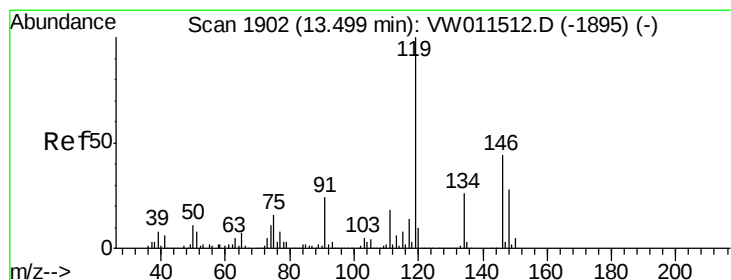
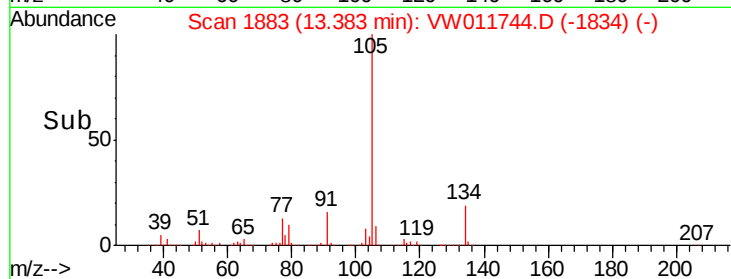
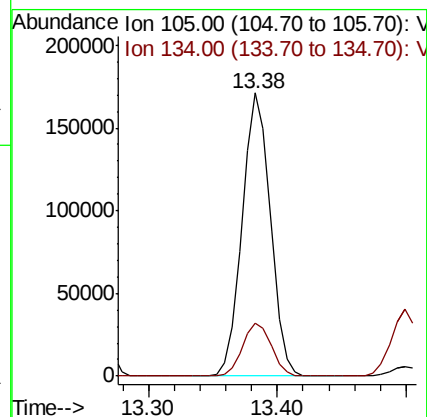
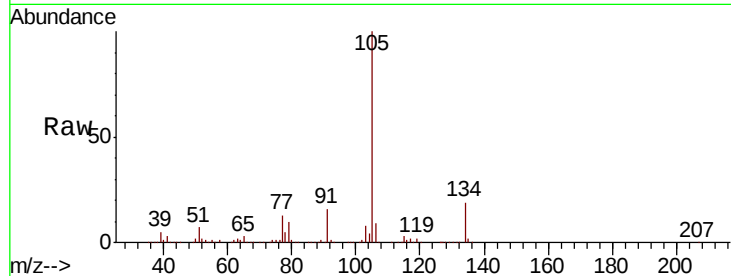




#85
 sec-Butylbenzene
 Concen: 21.817 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

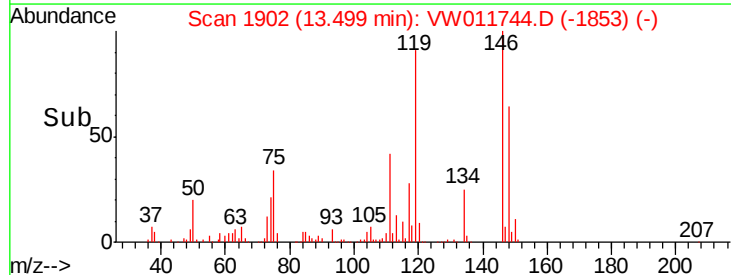
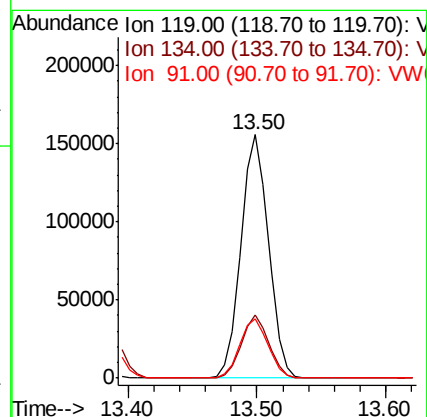
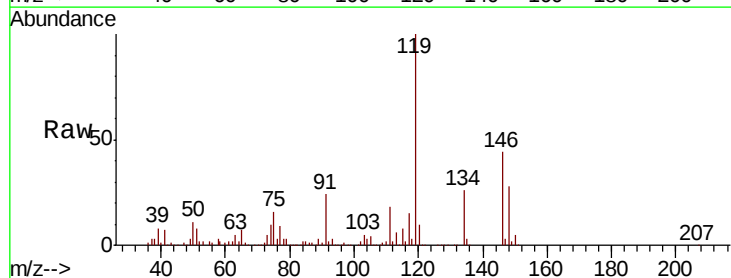
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

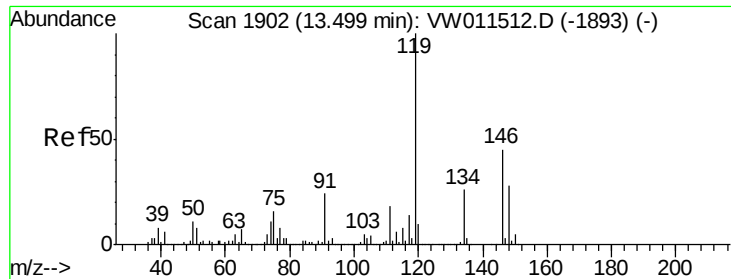
Tgt Ion:105 Resp: 258355
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.438 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion:119 Resp: 230336
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.8 12.1 36.3

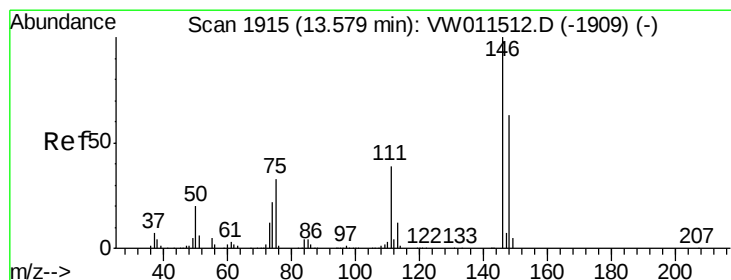
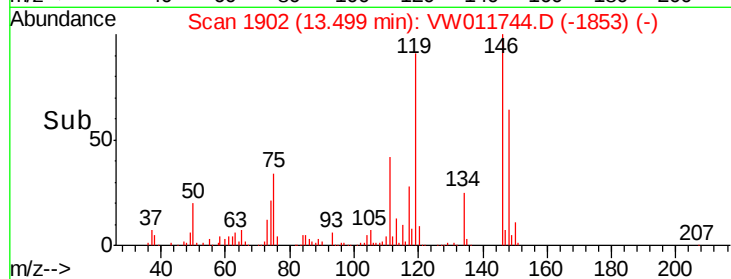
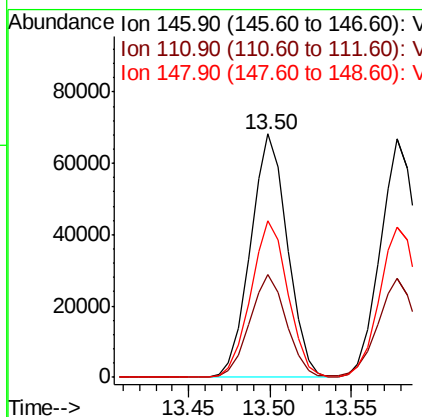
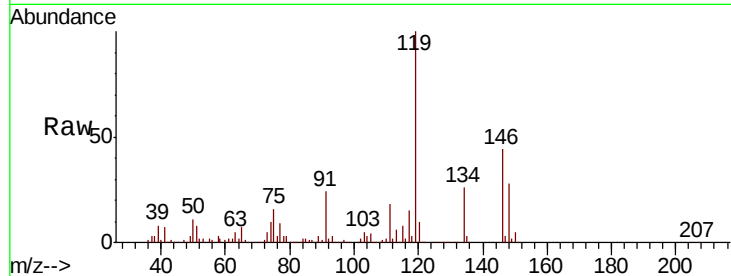




#87
 1,3-Dichlorobenzene
 Concen: 20.914 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

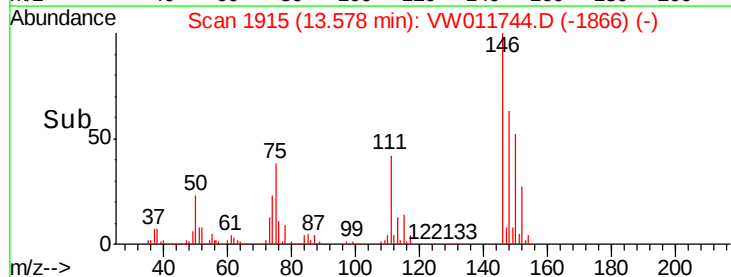
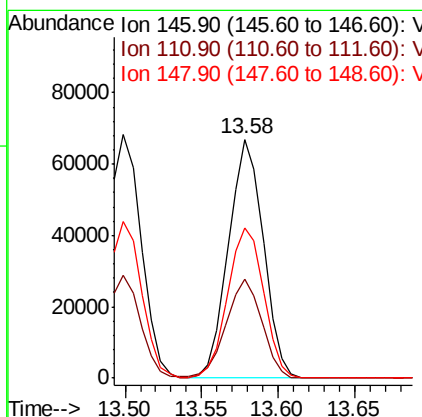
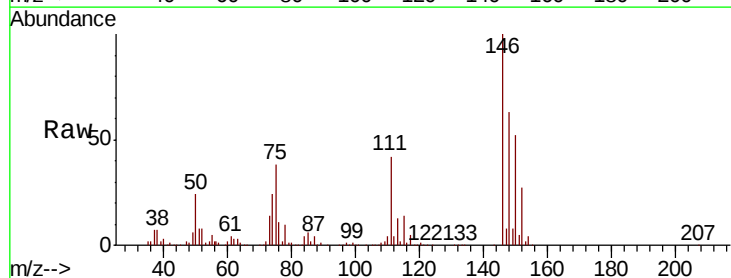
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBSD01

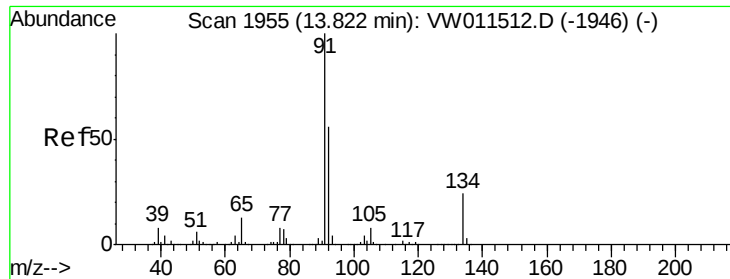
Tgt Ion:146 Resp: 107309
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.804 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion:146 Resp: 106185
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.1 60.2
 148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 21.341 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011744.D

Acq: 07 Aug 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

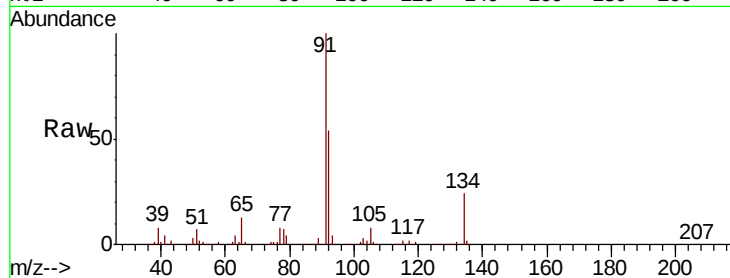
Tgt Ion: 91 Resp: 228825

Ion Ratio Lower Upper

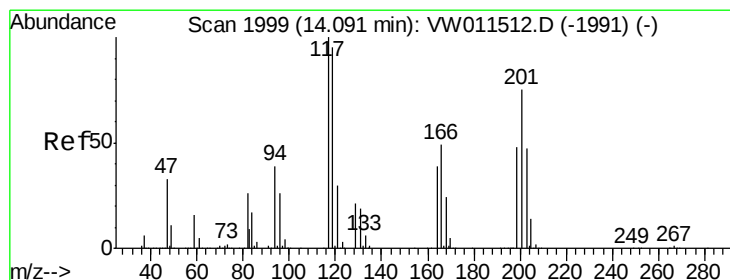
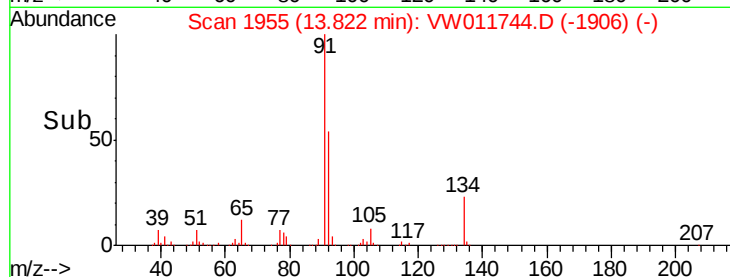
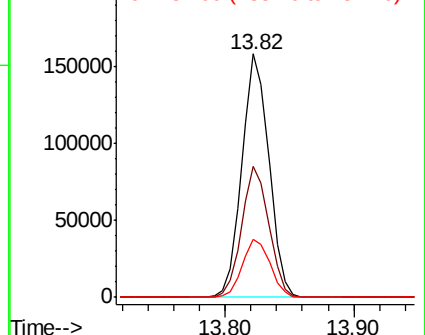
91 100

92 54.1 27.5 82.4

134 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.902 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011744.D

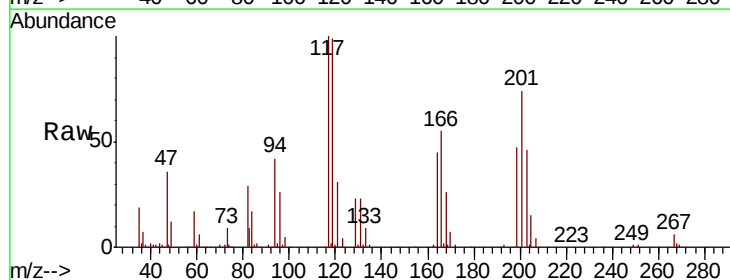
Acq: 07 Aug 2019 12:13

Tgt Ion: 117 Resp: 39712

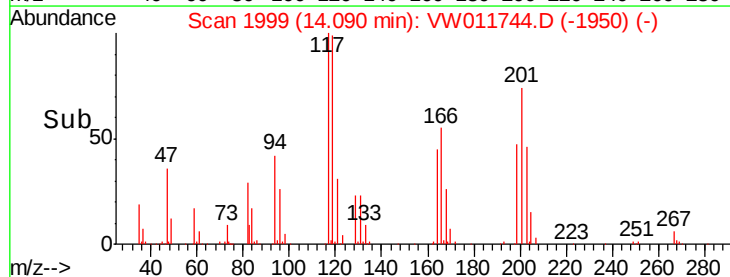
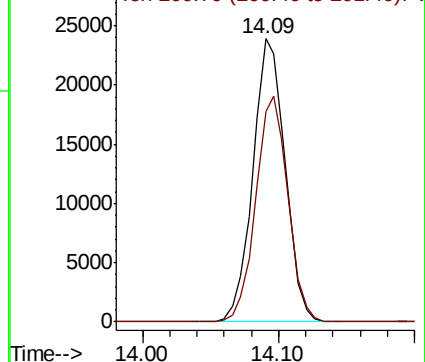
Ion Ratio Lower Upper

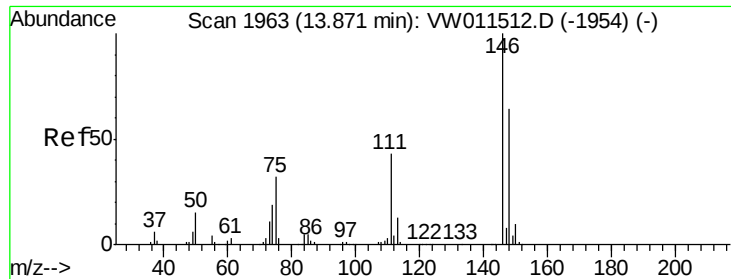
117 100

201 79.4 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

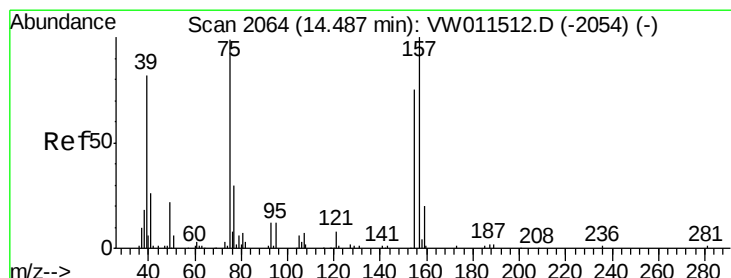
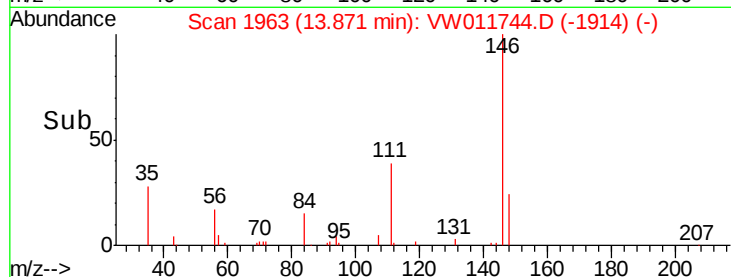
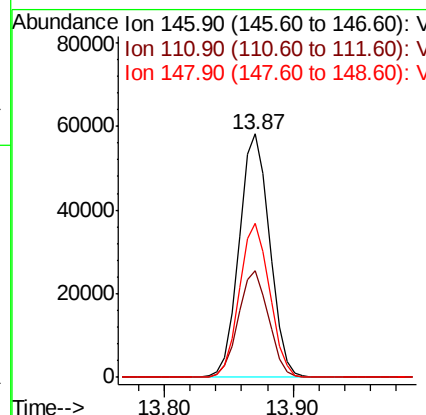
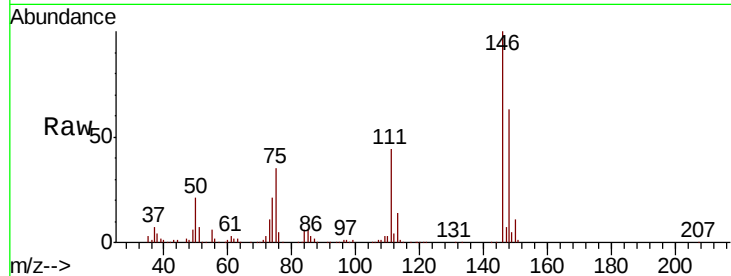




#91
 1,2-Dichlorobenzene
 Concen: 20.993 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

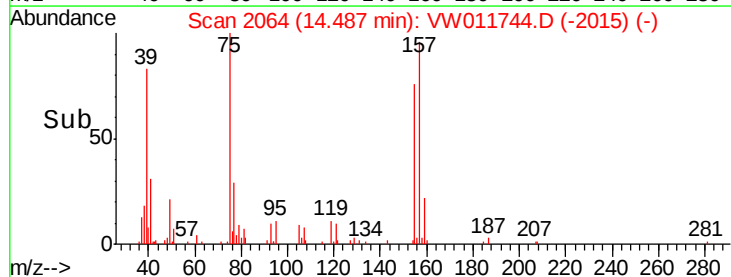
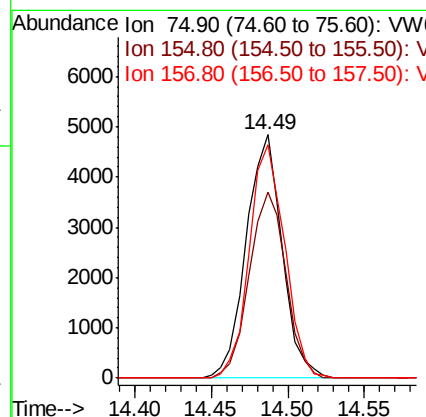
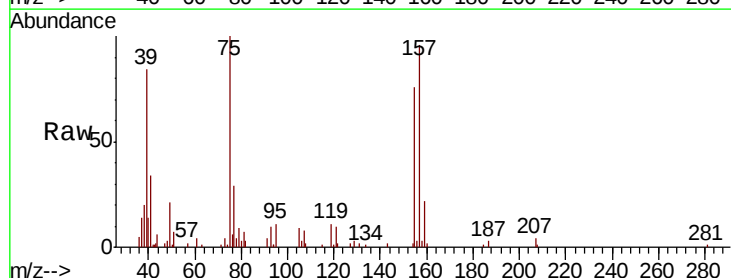
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

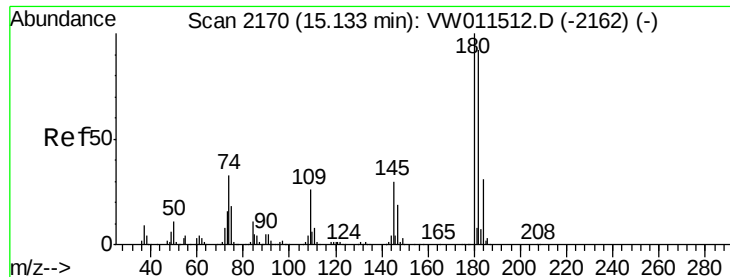
Tgt Ion:146 Resp: 95269
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 62.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.800 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion: 75 Resp: 7899
 Ion Ratio Lower Upper
 75 100
 155 77.9 38.2 114.6
 157 94.6 48.9 146.7

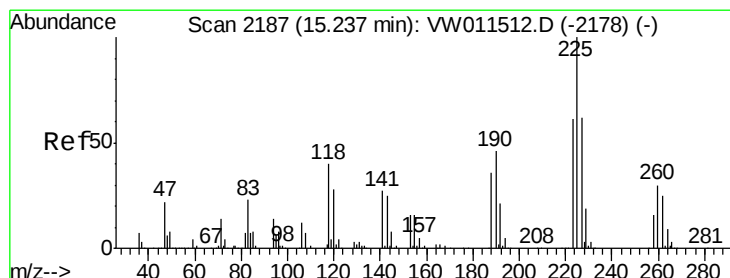
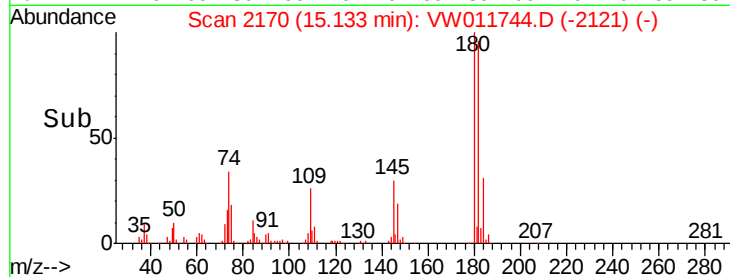
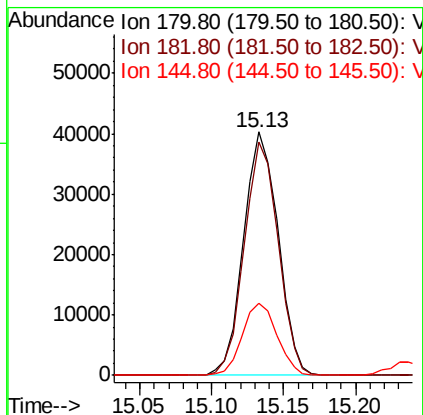
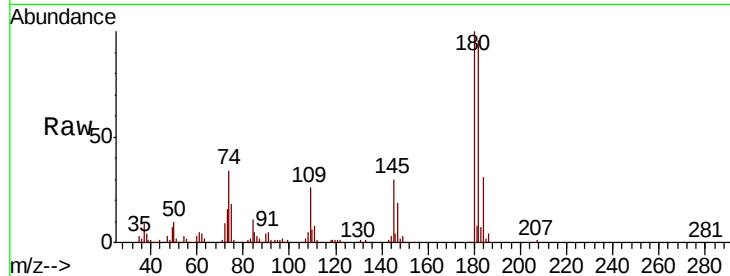




#93
 1,2,4-Trichlorobenzene
 Concen: 20.899 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

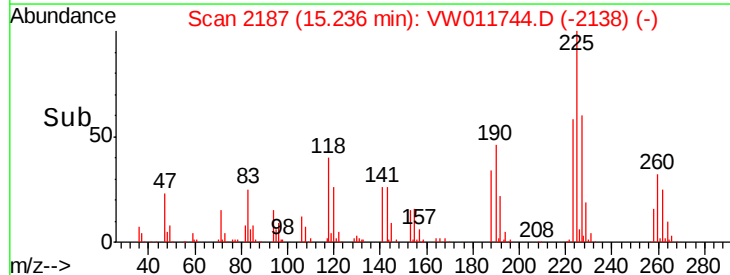
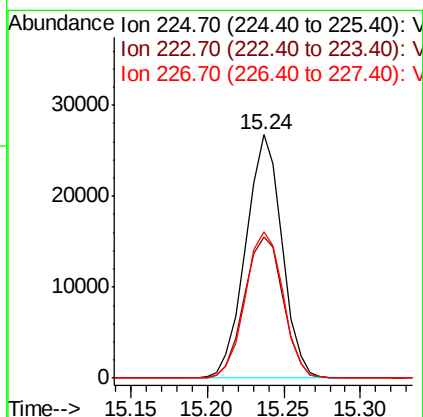
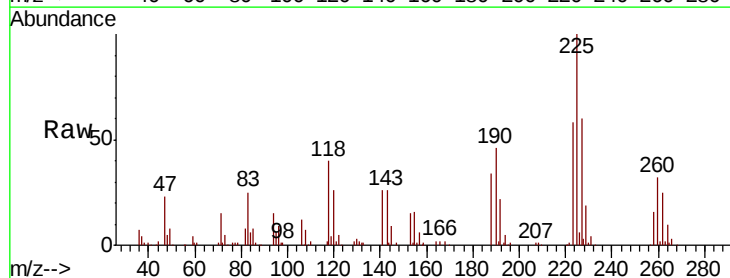
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

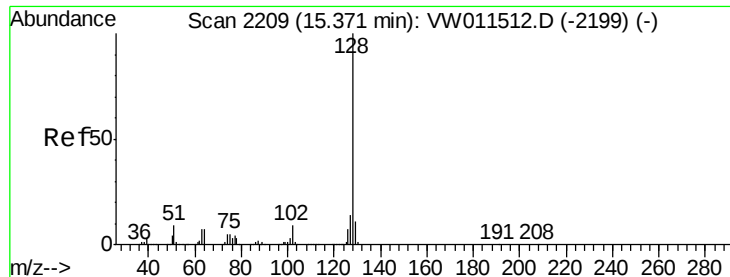
Tgt Ion:180 Resp: 66844
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.4 142.2
 145 29.9 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 22.182 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011744.D
 Acq: 07 Aug 2019 12:13

Tgt Ion:225 Resp: 44244
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.8 92.3
 227 62.5 31.6 94.7

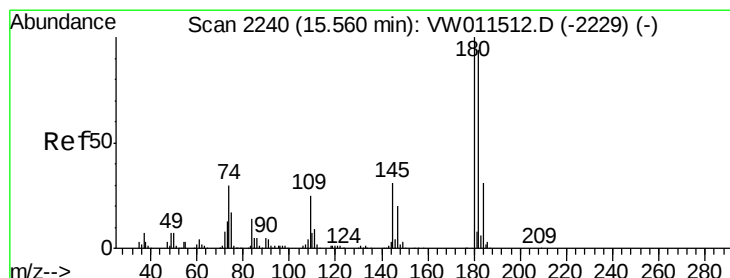
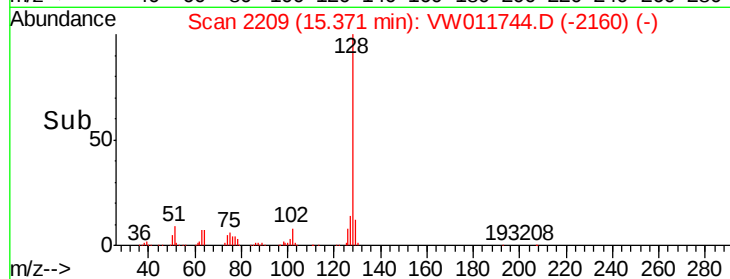
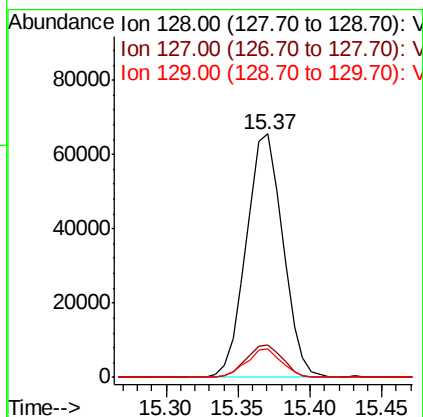
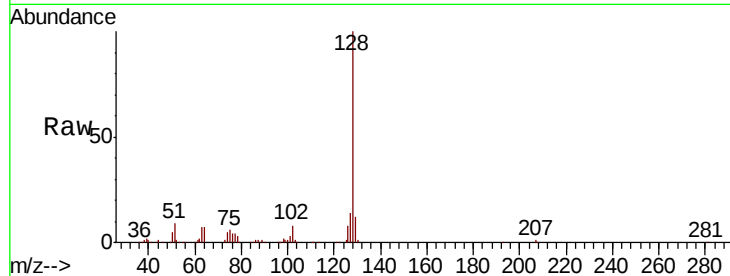




#95
Naphthalene
Concen: 19.772 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBSD01

Tgt Ion:128 Resp: 115714
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.788 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011744.D
Acq: 07 Aug 2019 12:13

Tgt Ion:180 Resp: 58279
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 31.3 15.9 47.7

