

Data File : VW011999.D
Acq On : 19 Aug 2019 19:36
Operator : SY/VA
Sample : VW0819SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Quant Time: Aug 20 05:12:30 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	256265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153275	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	7.88	113	127572	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.32	98	515015	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.62	95	182524	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32462	22.729	ug/l	98
3) Chloromethane	2.21	50	51176	20.664	ug/l	97
4) Vinyl Chloride	2.35	62	62486	20.958	ug/l	99
5) Bromomethane	2.76	94	32596	19.751	ug/l	98
6) Chloroethane	2.92	64	34945	20.518	ug/l	98
7) Trichlorofluoromethane	3.25	101	26779	20.097	ug/l	98
8) Diethyl Ether	3.68	74	30361	20.096	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54283	21.475	ug/l	99
10) Methyl Iodide	4.27	142	75719	21.197	ug/l	98
11) Tert butyl alcohol	5.17	59	20136	80.642	ug/l	99
12) 1,1-Dichloroethene	4.04	96	55379	20.750	ug/l	93
13) Acrolein	3.89	56	12655	59.936	ug/l	96
14) Allyl chloride	4.67	41	114052	20.092	ug/l	100
15) Acrylonitrile	5.37	53	75150	99.645	ug/l	99
16) Acetone	4.12	43	68655	73.346	ug/l	95
17) Carbon Disulfide	4.38	76	160655	19.233	ug/l	98
18) Methyl Acetate	4.67	43	41172	19.579	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	89735	21.188	ug/l	99
20) Methylene Chloride	4.92	84	66451	20.584	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	58649	20.383	ug/l	97
22) Diisopropyl ether	6.31	45	224725	20.998	ug/l	99
23) Vinyl Acetate	6.26	43	668349	99.386	ug/l	99
24) 1,1-Dichloroethane	6.21	63	118846	20.735	ug/l	99
25) 2-Butanone	7.17	43	104579	85.382	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63843	18.112	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	64953	20.511	ug/l	99
28) Bromochloromethane	7.51	49	54742	21.517	ug/l #	99
29) Tetrahydrofuran	7.53	42	68476	97.805	ug/l	99
30) Chloroform	7.68	83	110158	20.832	ug/l	96
31) Cyclohexane	7.95	56	112867	20.514	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	83341	20.695	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88536	20.281	ug/l	99
37) Ethyl Acetate	7.25	43	49017	19.516	ug/l	100
38) Carbon Tetrachloride	8.07	117	76392	20.441	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98446	20.480	ug/l	98
40) Benzene	8.32	78	252901	20.682	ug/l	100
41) Methacrylonitrile	7.48	41	32066	21.358	ug/l	95
42) 1,2-Dichloroethane	8.40	62	76352	19.944	ug/l	98
43) Isopropyl Acetate	8.42	43	91519	19.814	ug/l	99
44) Trichloroethene	9.09	130	61066	20.778	ug/l	98
45) 1,2-Dichloropropane	9.37	63	67112	20.512	ug/l	96
46) Dibromomethane	9.46	93	30584	20.481	ug/l	97
47) Bromodichloromethane	9.65	83	78486	20.037	ug/l	100
48) Methyl methacrylate	9.43	41	43642	19.669	ug/l	100
49) 1,4-Dioxane	9.45	88	9352	432.520	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	233000	96.980	ug/l	100
52) Toluene	10.39	92	151775	20.553	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	79974	19.545	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	97255	19.990	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43117	20.350	ug/l	97
56) Ethyl methacrylate	10.65	69	62106	20.031	ug/l	100
57) 1,3-Dichloropropane	10.93	76	81554	20.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	165529	117.586	ug/l	99
59) 2-Hexanone	10.97	43	158784	93.603	ug/l	99
60) Dibromochloromethane	11.13	129	47069	20.013	ug/l	100
61) 1,2-Dibromoethane	11.23	107	40637	20.267	ug/l	99
64) Tetrachloroethene	10.86	164	50335	20.875	ug/l	97
65) Chlorobenzene	11.66	112	153411	20.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52636	20.296	ug/l	99
67) Ethyl Benzene	11.73	91	291376	20.548	ug/l	100
68) m/p-Xylenes	11.84	106	214628	41.619	ug/l	98
69) o-Xylene	12.16	106	100225	20.914	ug/l	100
70) Styrene	12.18	104	170653	20.596	ug/l	99
71) Bromoform	12.35	173	26071	19.716	ug/l #	97
73) Isopropylbenzene	12.46	105	276207	20.941	ug/l	99
74) N-amyl acetate	12.27	43	82677	20.022	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51113	20.602	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66586	35.593	ug/l #	100
77) Bromobenzene	12.74	156	60833	20.867	ug/l	99
78) n-propylbenzene	12.80	91	336423	20.959	ug/l	100
79) 2-Chlorotoluene	12.89	91	192885	20.858	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	233451	21.115	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15614	19.236	ug/l	96
82) 4-Chlorotoluene	12.99	91	202510	20.872	ug/l	100
83) tert-Butylbenzene	13.21	119	197512	21.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	233651	20.979	ug/l	100
85) sec-Butylbenzene	13.38	105	279684	21.200	ug/l	100
86) p-Isopropyltoluene	13.50	119	251654	21.024	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	117554	20.565	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117919	20.737	ug/l	99
89) n-Butylbenzene	13.82	91	245749	20.573	ug/l	100
90) Hexachloroethane	14.09	117	43206	20.413	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	105979	20.962	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8489	20.065	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081919\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

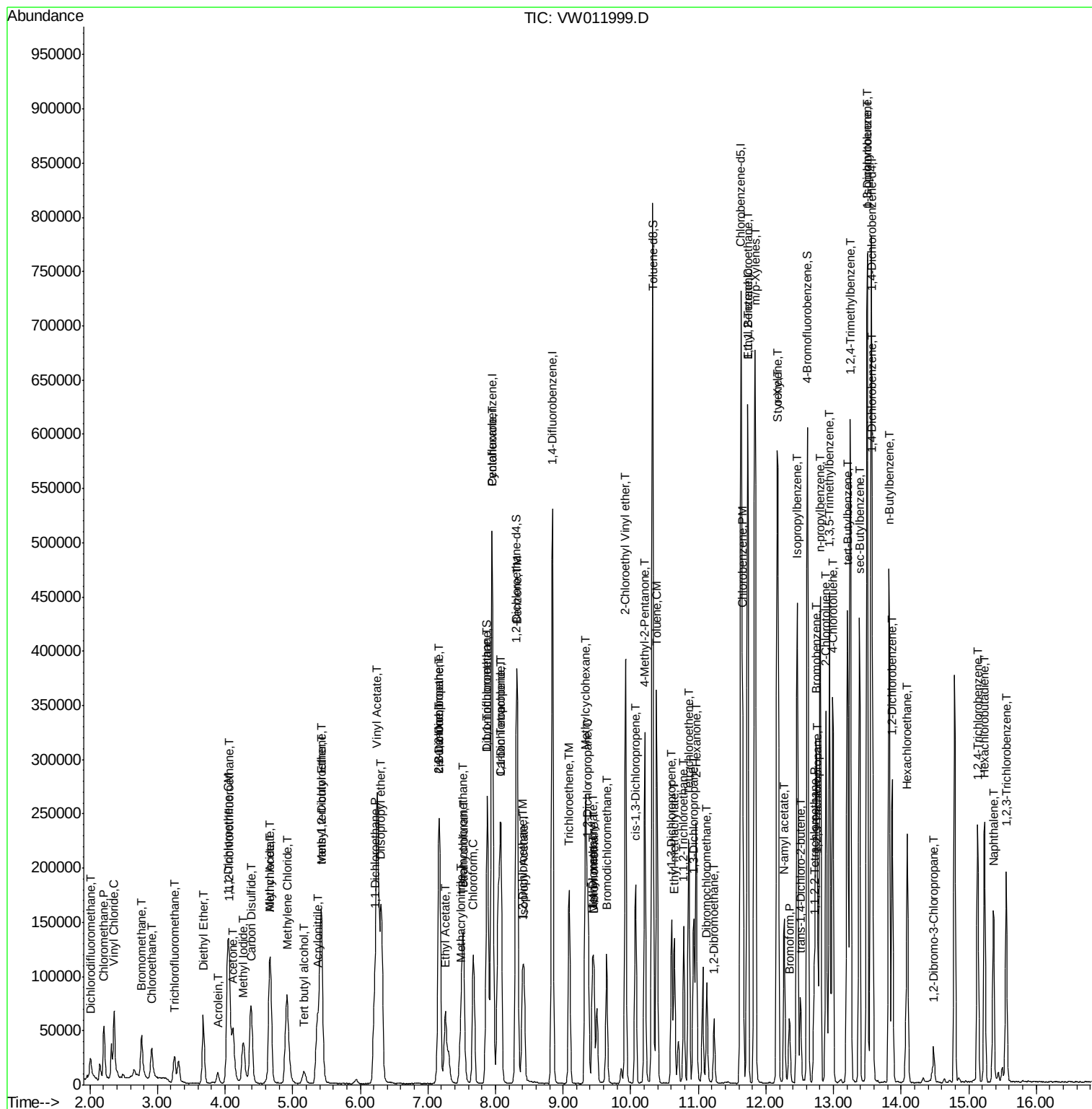
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75038	21.059	ug/l	98
94) Hexachlorobutadiene	15.24	225	48077	21.636	ug/l	99
95) Naphthalene	15.36	128	131633	20.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65516	20.976	ug/l	98

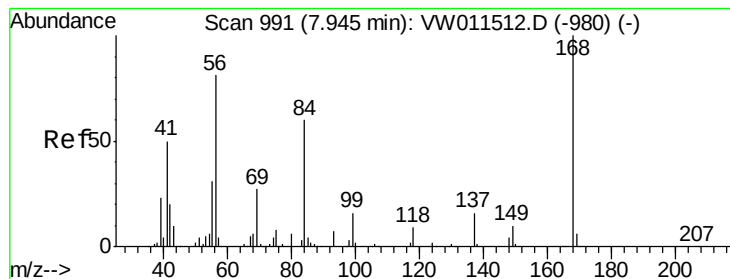
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011999.D

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Instrument :

MSVOA_W

ClientSampleId :

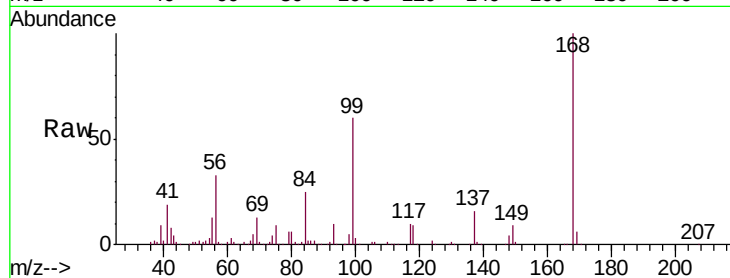
VW0819SBS02

Tgt Ion:168 Resp: 256265

Ion Ratio Lower Upper

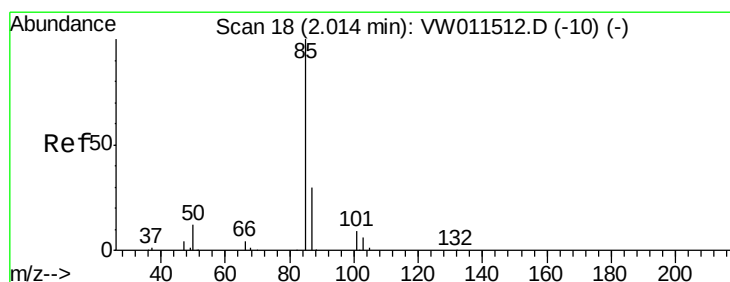
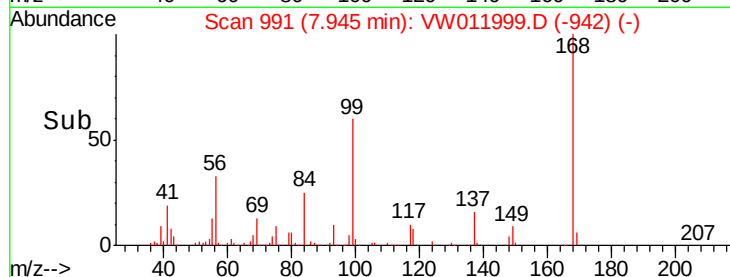
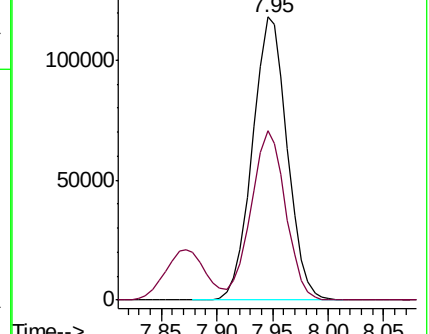
168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.729 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011999.D

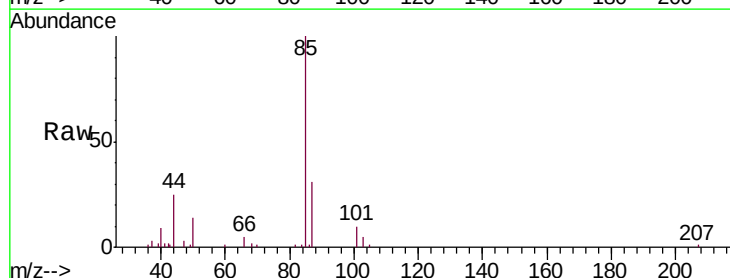
Acq: 19 Aug 2019 19:36

Tgt Ion: 85 Resp: 32462

Ion Ratio Lower Upper

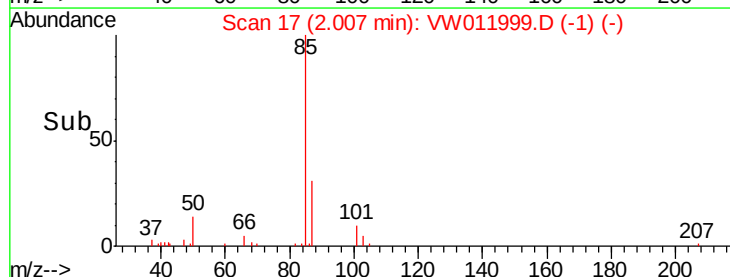
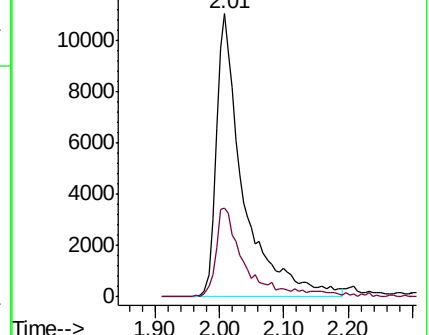
85 100

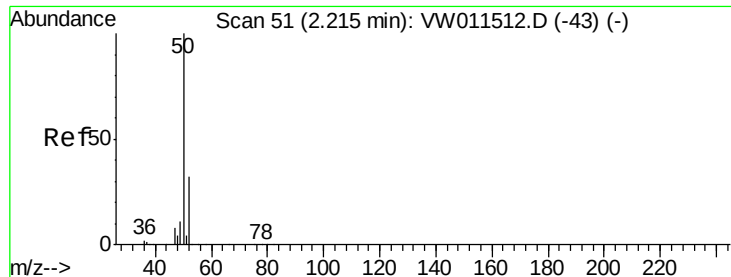
87 31.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.664 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

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ClientSampleId :

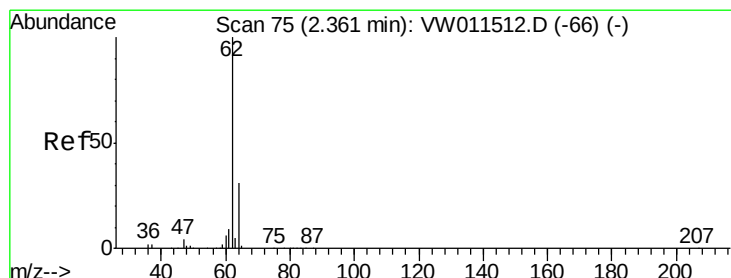
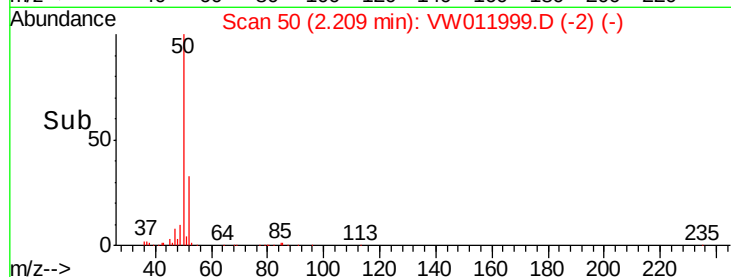
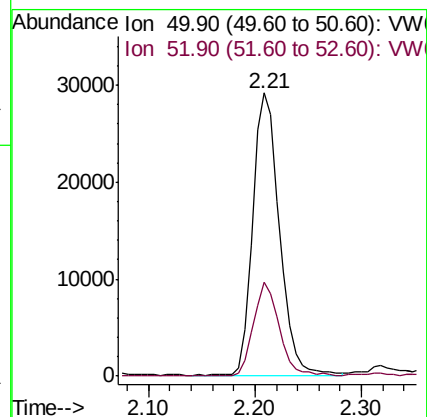
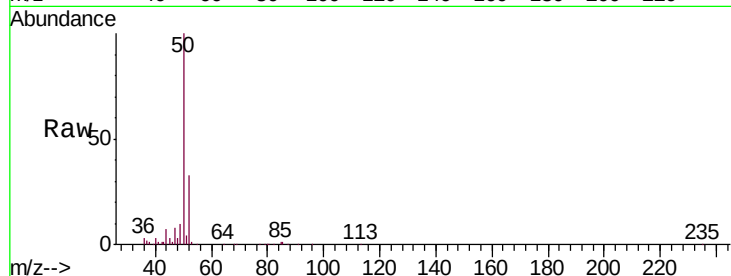
VW0819SBSD02

Tgt Ion: 50 Resp: 51176

Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.2



#4

Vinyl Chloride

Concen: 20.958 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011999.D

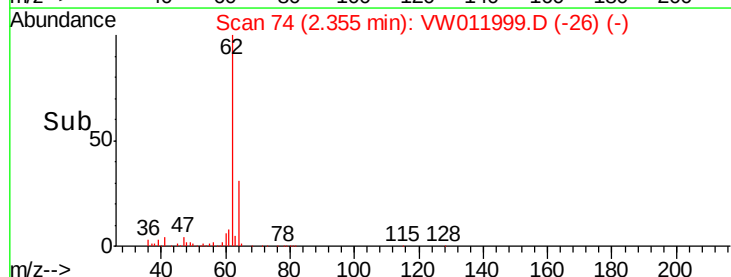
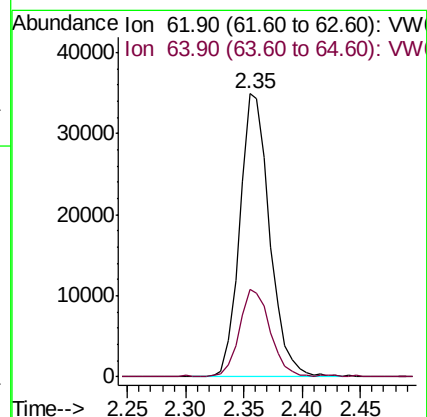
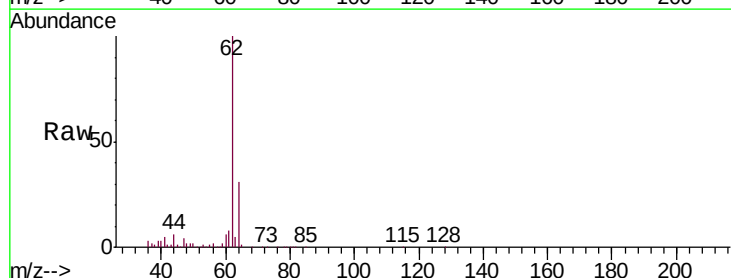
Acq: 19 Aug 2019 19:36

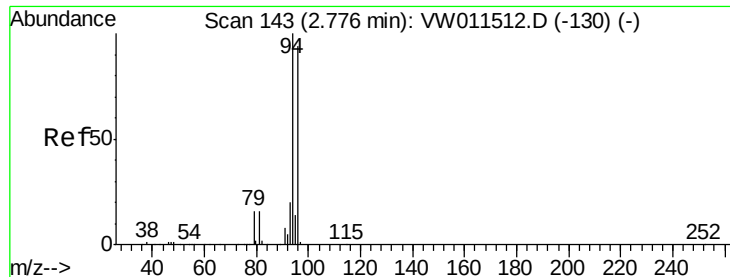
Tgt Ion: 62 Resp: 62486

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4





#5

Bromomethane

Concen: 19.751 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

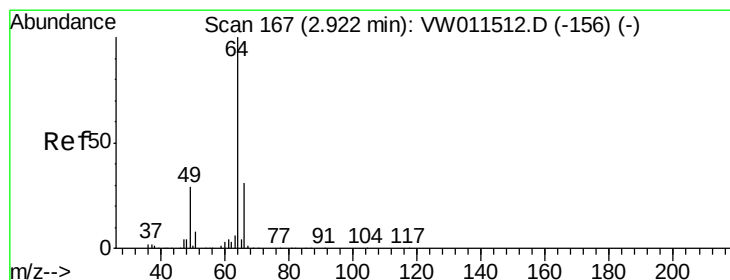
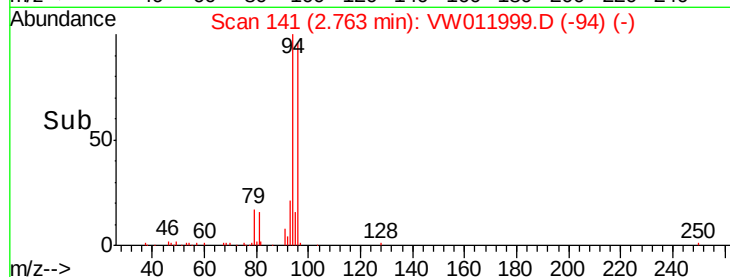
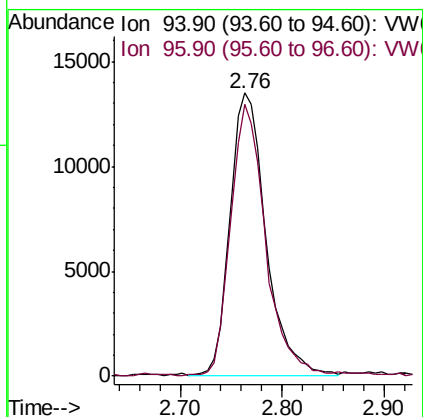
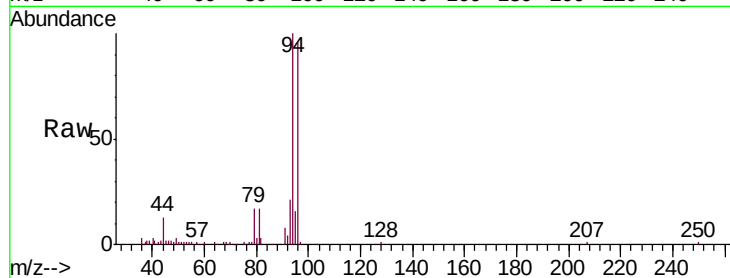
VW0819SBSD02

Tgt Ion: 94 Resp: 32596

Ion Ratio Lower Upper

94 100

96 96.0 75.0 112.6



#6

Chloroethane

Concen: 20.518 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011999.D

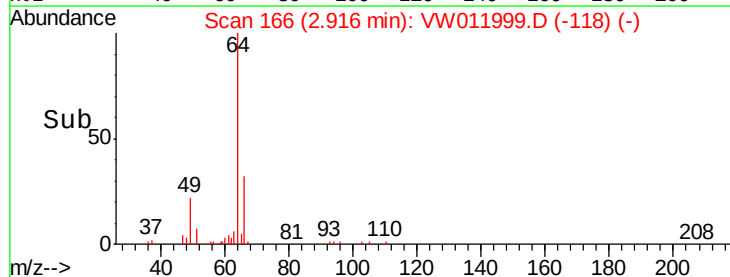
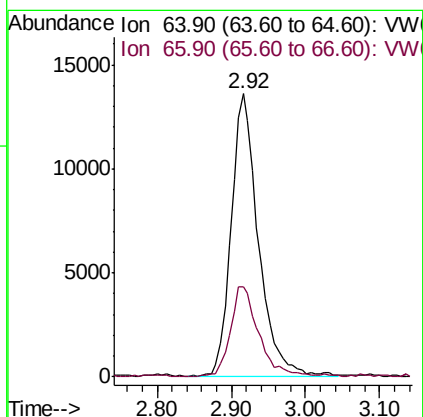
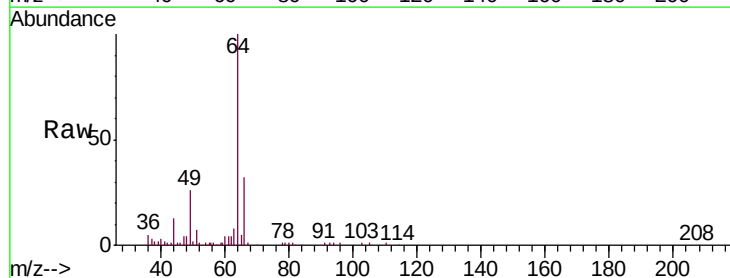
Acq: 19 Aug 2019 19:36

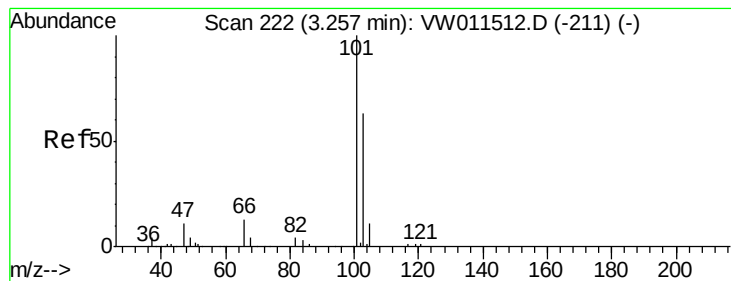
Tgt Ion: 64 Resp: 34945

Ion Ratio Lower Upper

64 100

66 31.8 24.6 36.8



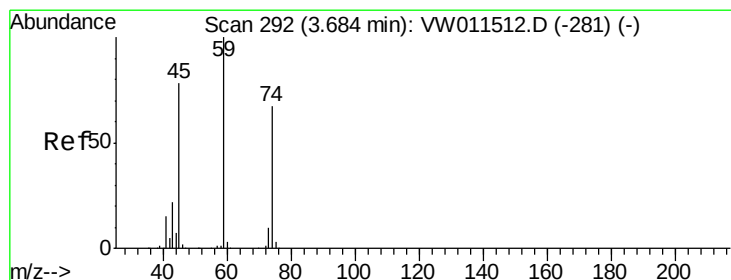
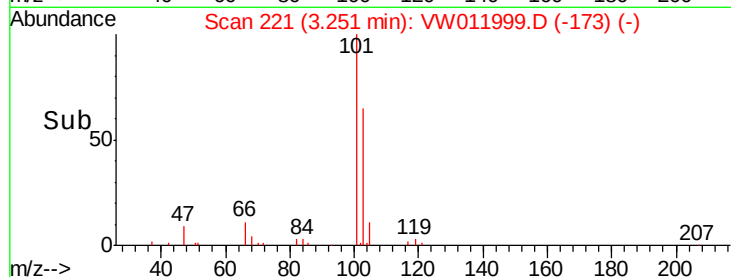
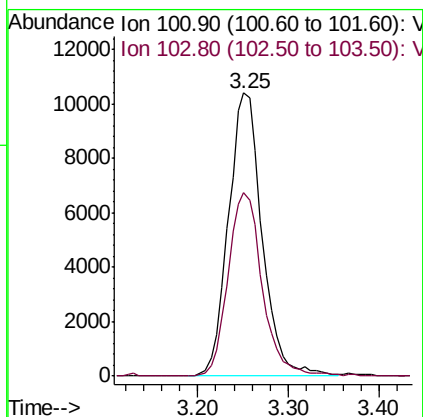
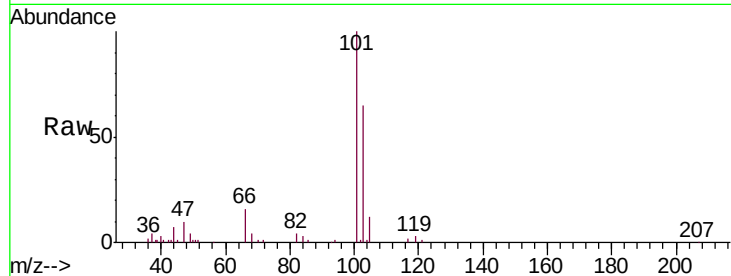


#7

Trichlorofluoromethane
 Concen: 20.097 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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 VW0819SBSD02

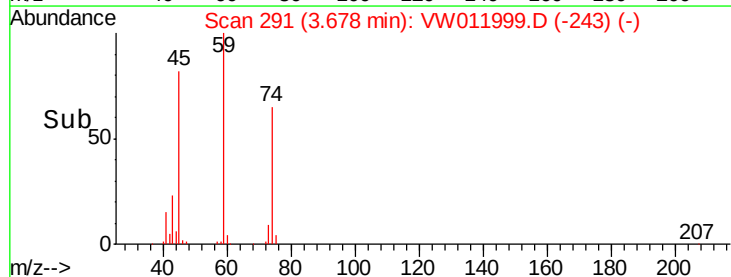
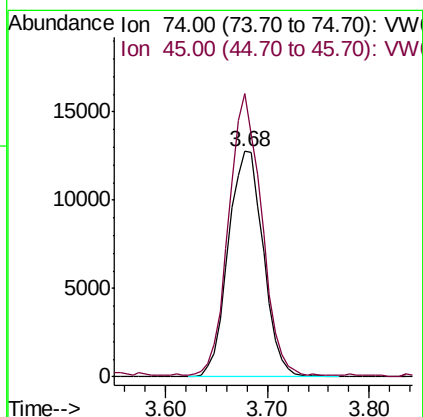
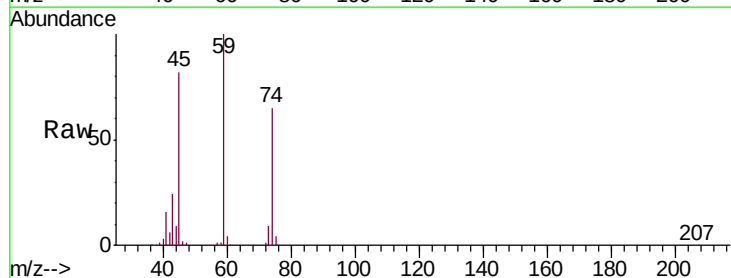
Tgt Ion:101 Resp: 26779
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.2 75.4

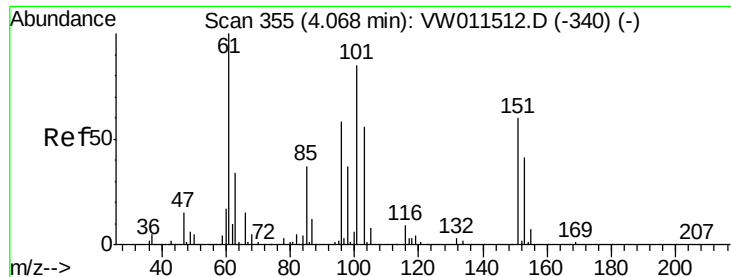


#8

Diethyl Ether
 Concen: 20.096 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 74 Resp: 30361
 Ion Ratio Lower Upper
 74 100
 45 117.3 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.475 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011999.D

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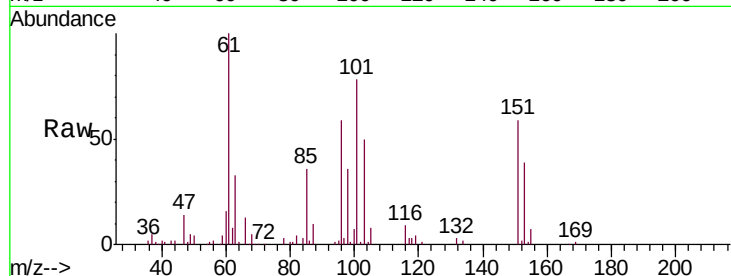
Tgt Ion:101 Resp: 54283

Ion Ratio Lower Upper

101 100

85 44.8 36.6 54.8

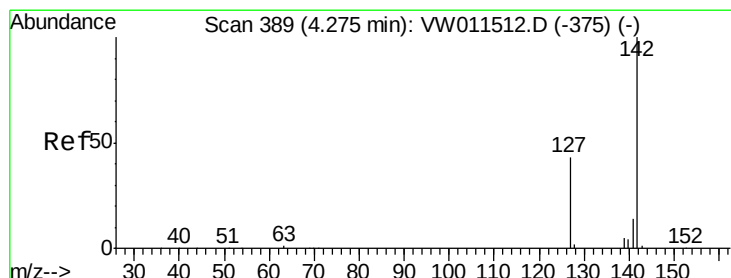
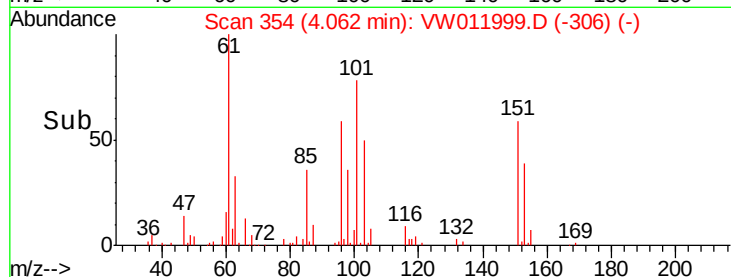
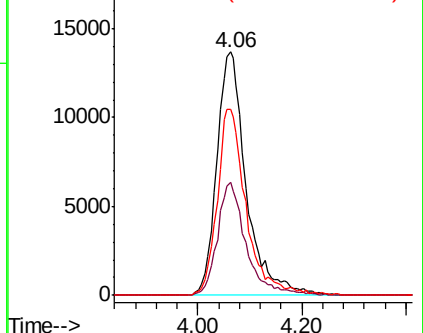
151 74.8 60.2 90.2



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: 21.197 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

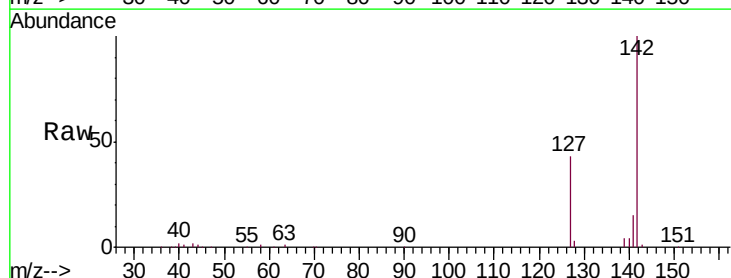
Tgt Ion:142 Resp: 75719

Ion Ratio Lower Upper

142 100

127 42.5 35.0 52.6

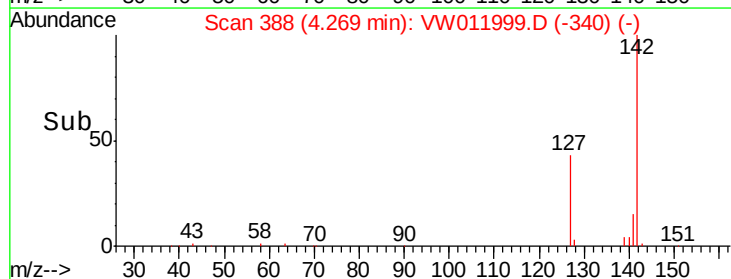
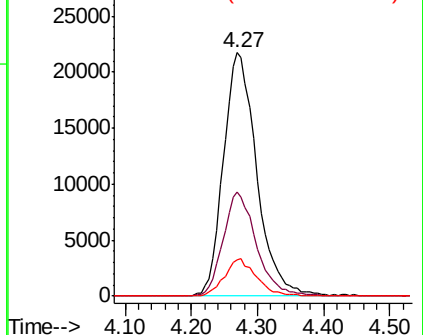
141 14.7 11.9 17.9

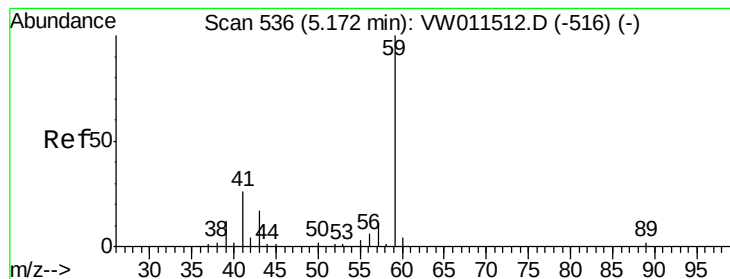


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.642 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

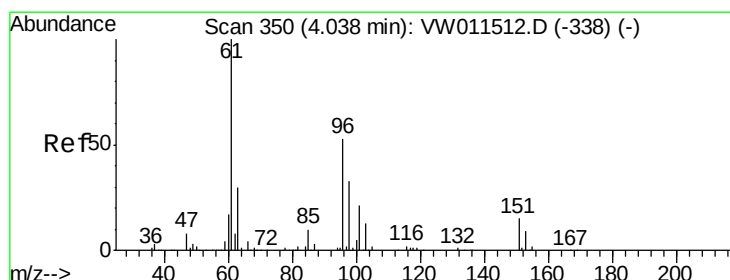
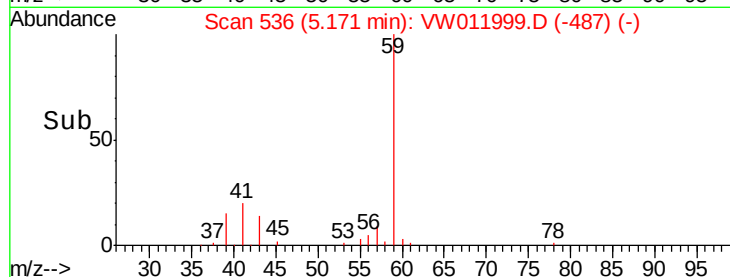
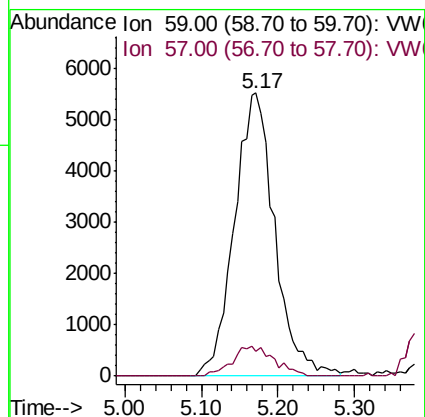
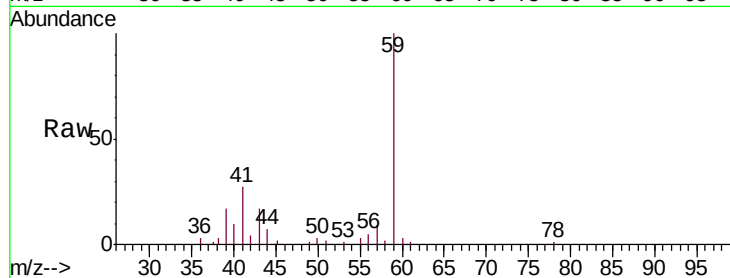
VW0819SBS02

Tgt Ion: 59 Resp: 20136

Ion Ratio Lower Upper

59 100

57 11.0 8.5 12.7



#12

1,1-Dichloroethene

Concen: 20.750 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

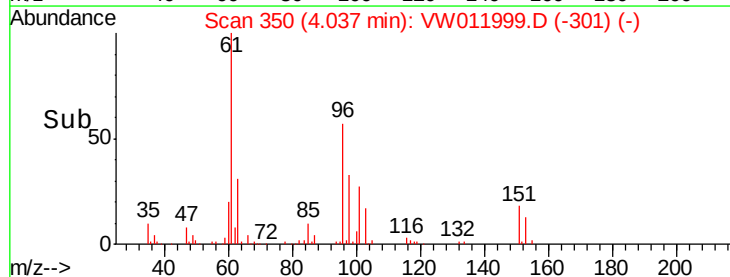
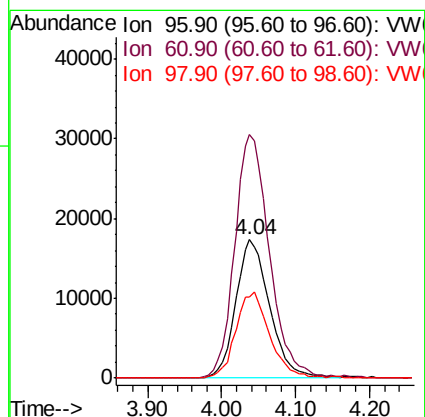
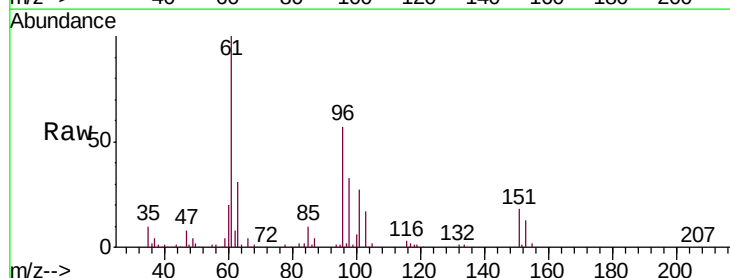
Tgt Ion: 96 Resp: 55379

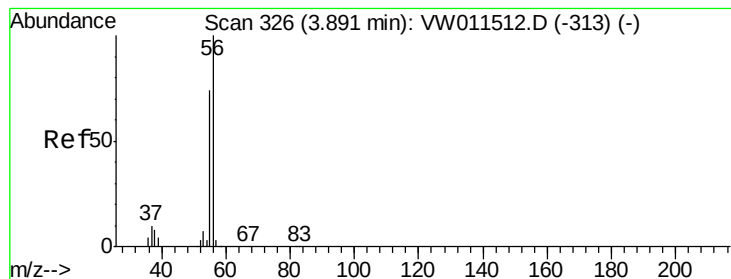
Ion Ratio Lower Upper

96 100

61 175.9 149.9 224.9

98 58.2 49.1 73.7





#13

Acrolein

Concen: 59.936 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

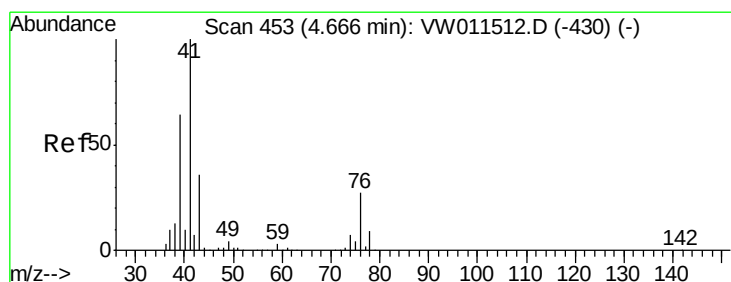
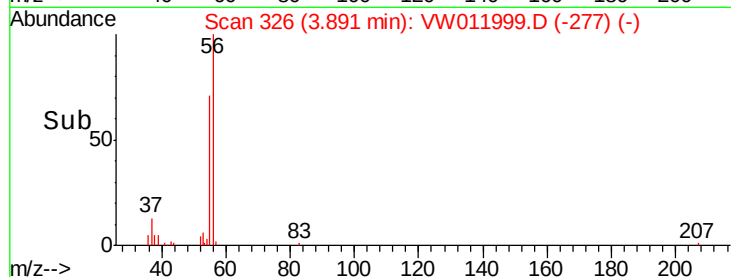
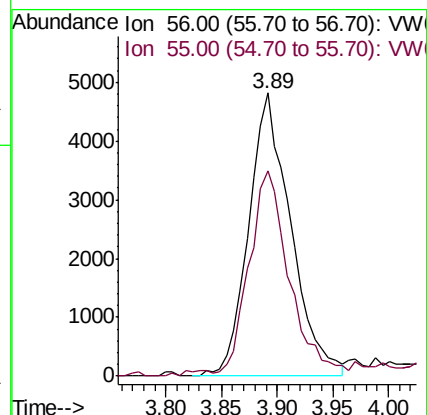
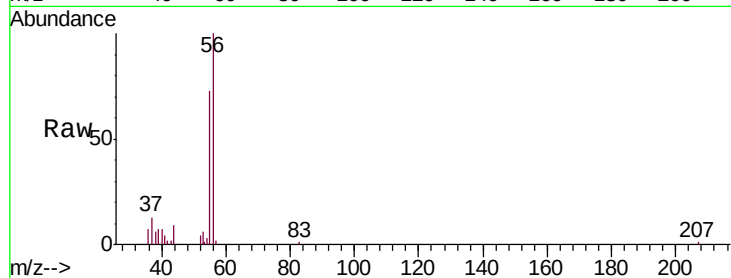
VW0819SBSD02

Tgt Ion: 56 Resp: 12655

Ion Ratio Lower Upper

56 100

55 66.7 56.0 84.0



#14

Allyl chloride

Concen: 20.092 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

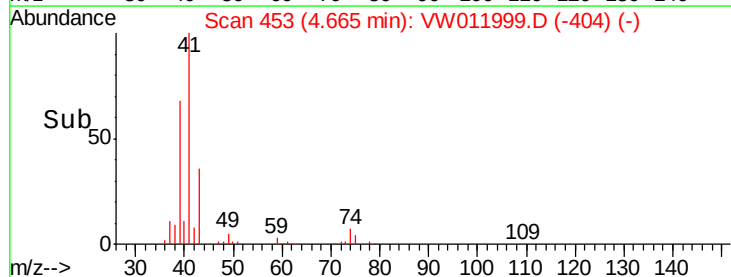
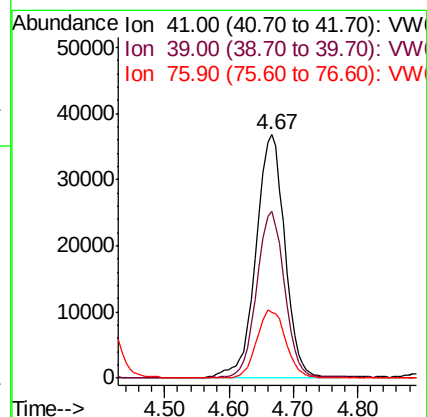
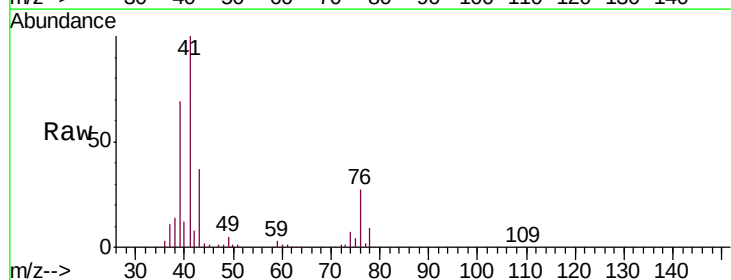
Tgt Ion: 41 Resp: 114052

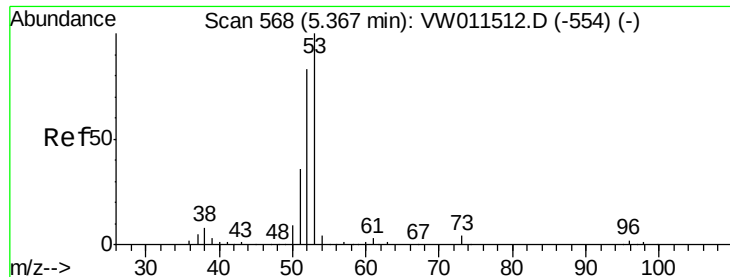
Ion Ratio Lower Upper

41 100

39 66.1 52.6 78.8

76 27.8 22.0 33.0





#15

Acrylonitrile

Concen: 99.645 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

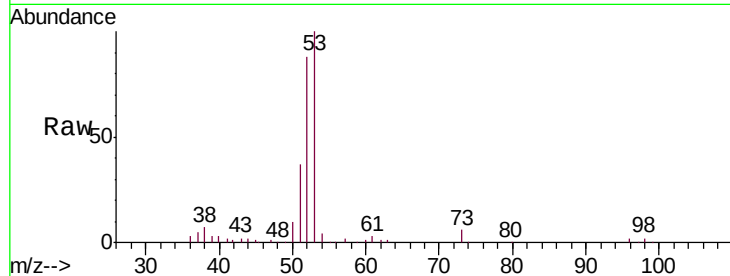
Tgt Ion: 53 Resp: 75150

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

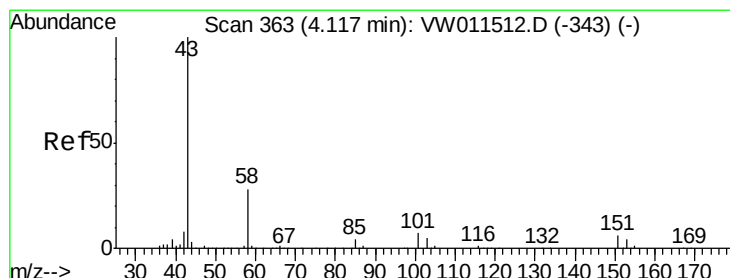
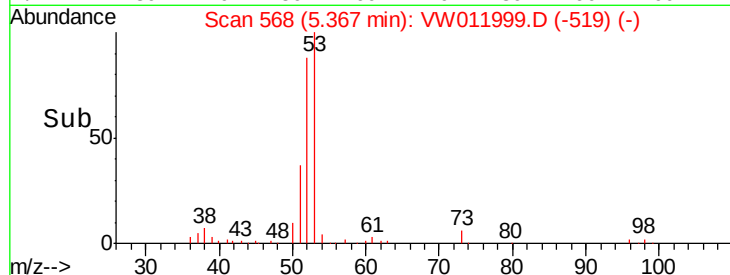
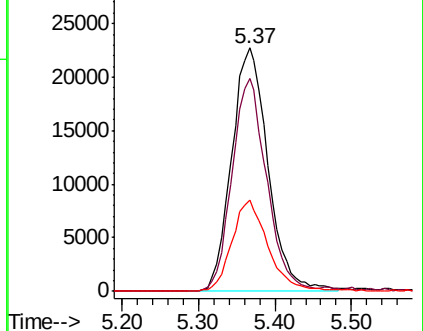
51 37.2 30.0 45.0



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: 73.346 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011999.D

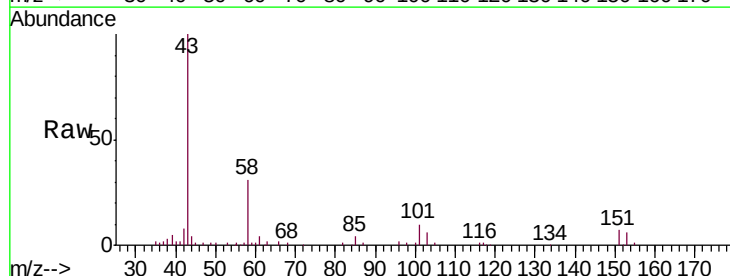
Acq: 19 Aug 2019 19:36

Tgt Ion: 43 Resp: 68655

Ion Ratio Lower Upper

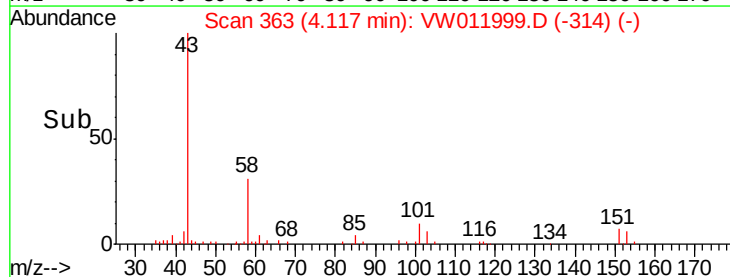
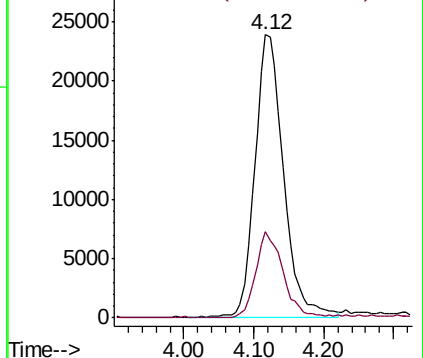
43 100

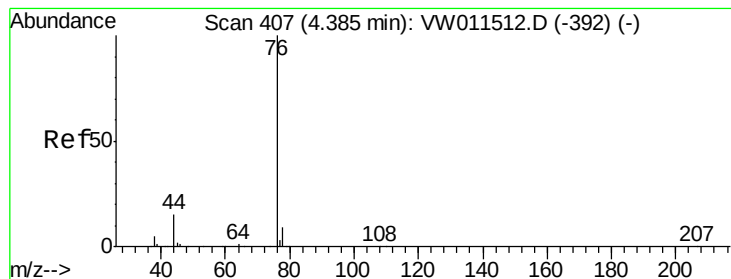
58 30.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.233 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

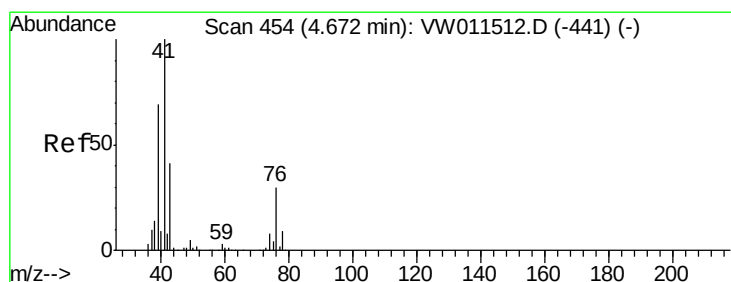
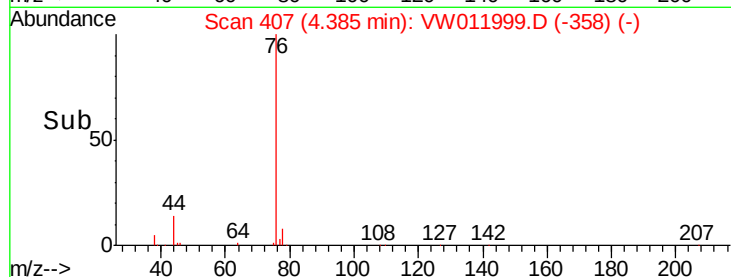
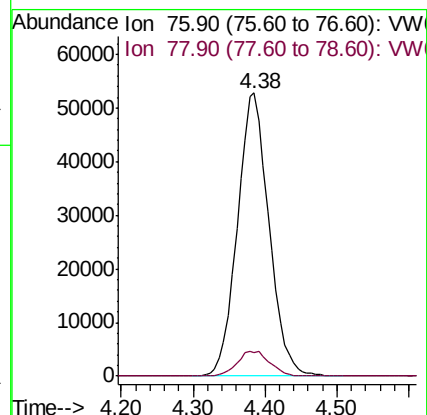
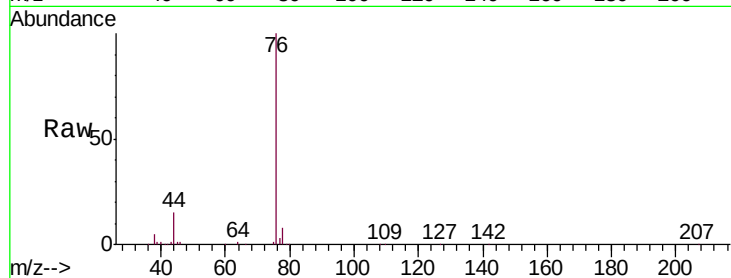
VW0819SBSD02

Tgt Ion: 76 Resp: 160655

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#18

Methyl Acetate

Concen: 19.579 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW011999.D

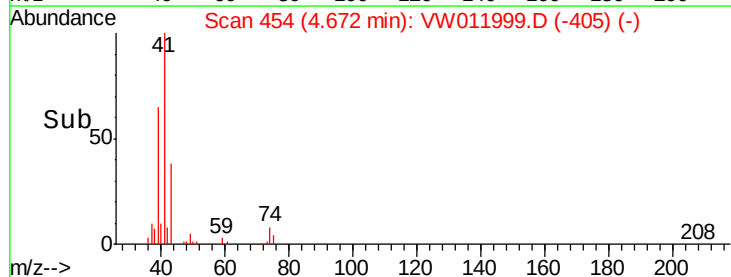
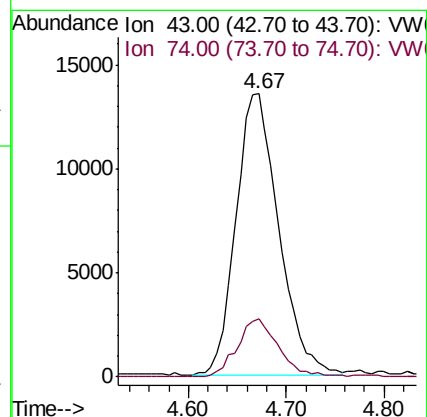
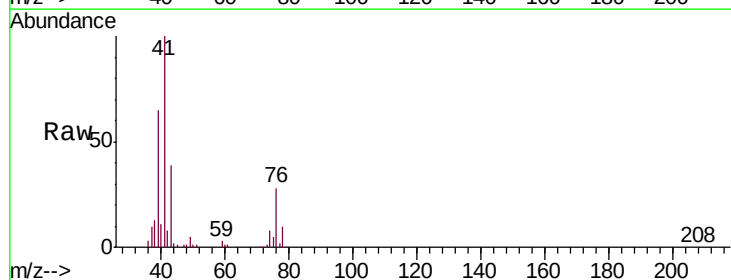
Acq: 19 Aug 2019 19:36

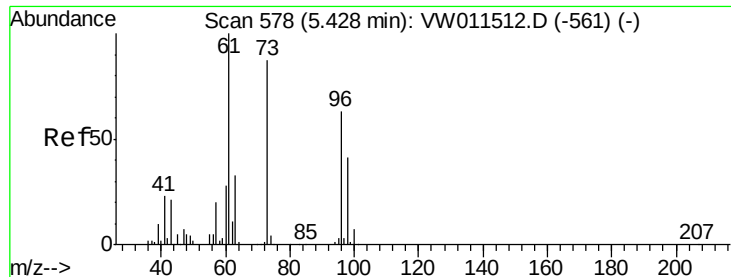
Tgt Ion: 43 Resp: 41172

Ion Ratio Lower Upper

43 100

74 20.0 15.9 23.9

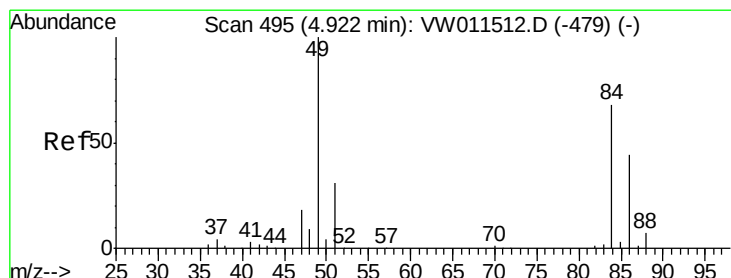
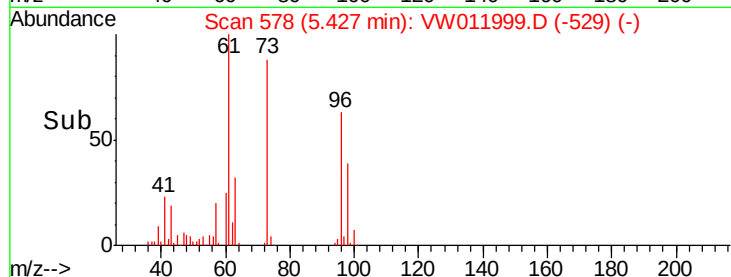
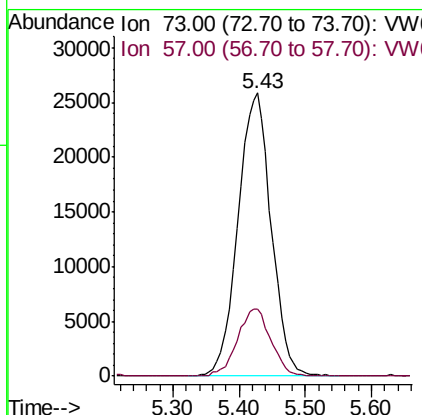
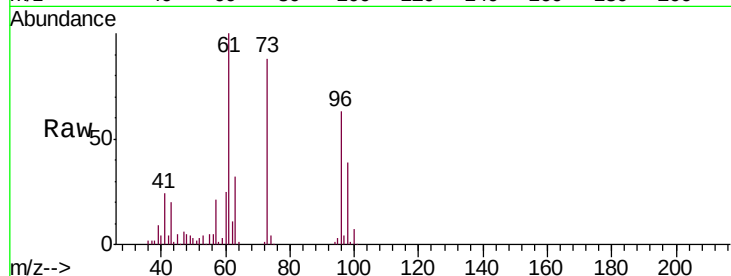




#19
Methyl tert-butyl Ether
Concen: 21.188 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

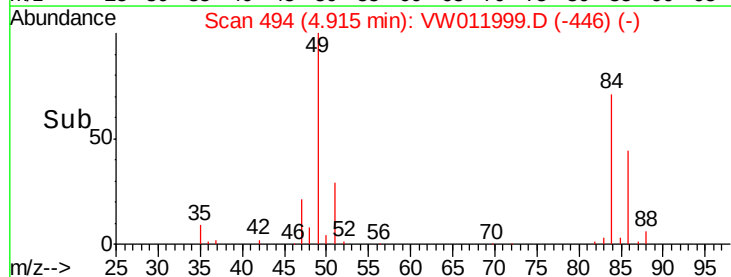
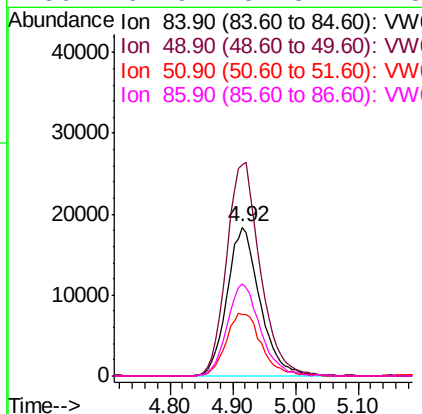
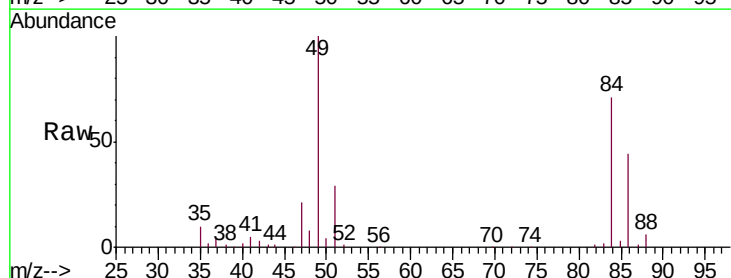
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

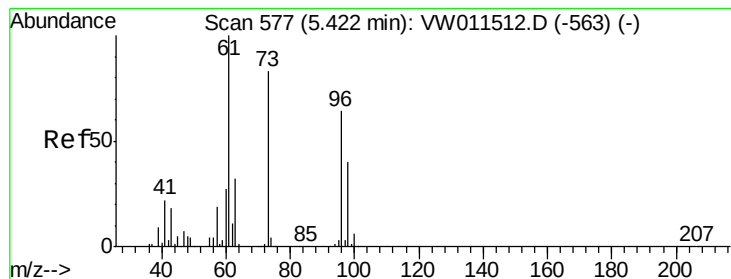
Tgt Ion: 73 Resp: 89735
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6



#20
Methylene Chloride
Concen: 20.584 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 84 Resp: 66451
Ion Ratio Lower Upper
84 100
49 141.8 117.8 176.6
51 41.0 37.0 55.4
86 61.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.383 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

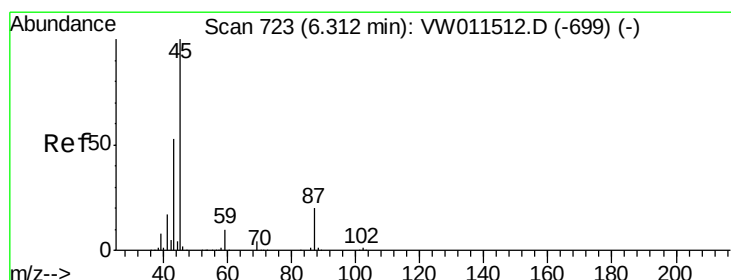
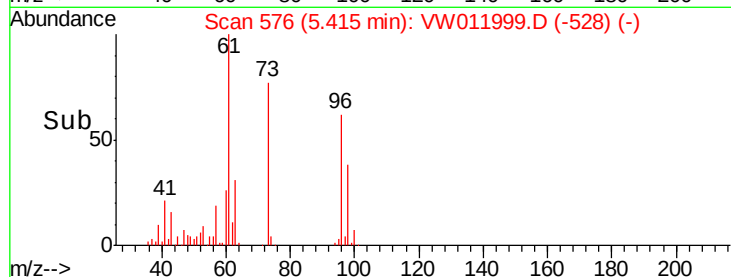
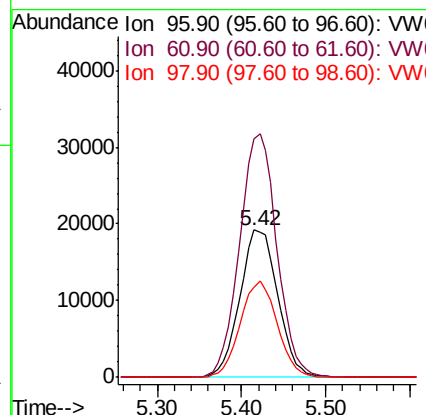
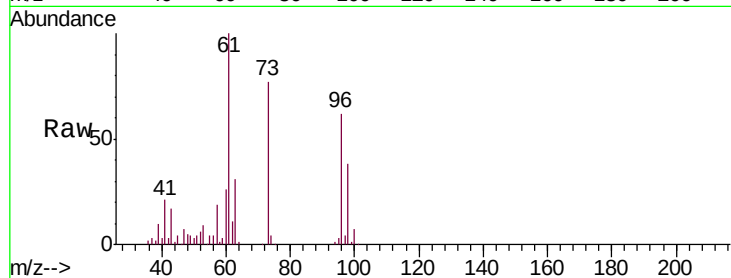
Tgt Ion: 96 Resp: 58649

Ion Ratio Lower Upper

96 100

61 162.2 125.7 188.5

98 61.1 50.3 75.5



#22

Diisopropyl ether

Concen: 20.998 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Tgt Ion: 45 Resp: 224725

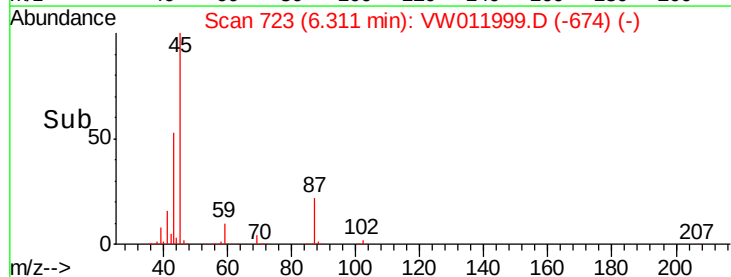
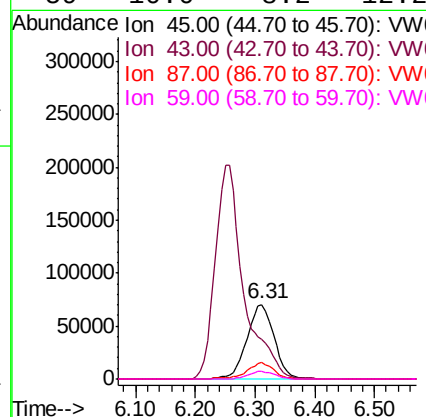
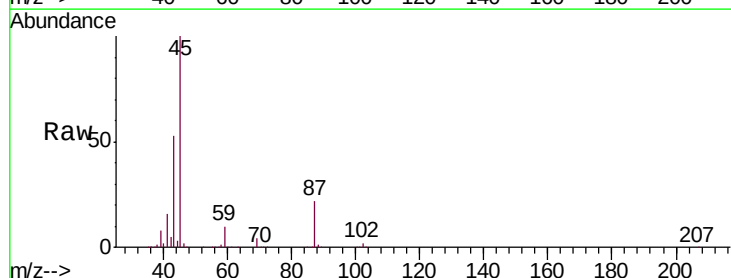
Ion Ratio Lower Upper

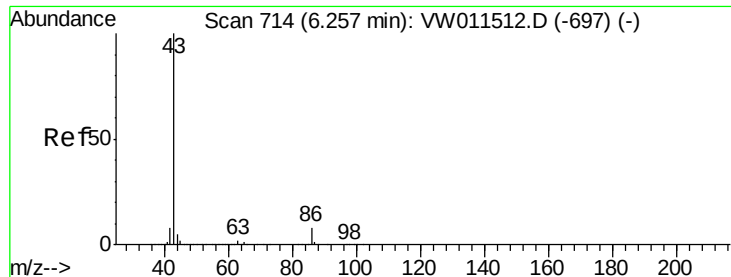
45 100

43 52.5 42.6 63.8

87 21.8 16.4 24.6

59 10.0 8.2 12.2





#23

Vinyl Acetate

Concen: 99.386 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

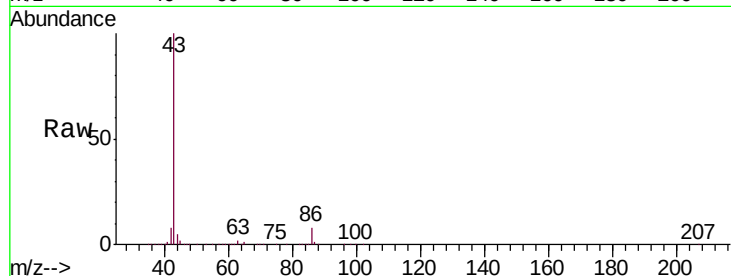
VW0819SBSD02

Tgt Ion: 43 Resp: 668349

Ion Ratio Lower Upper

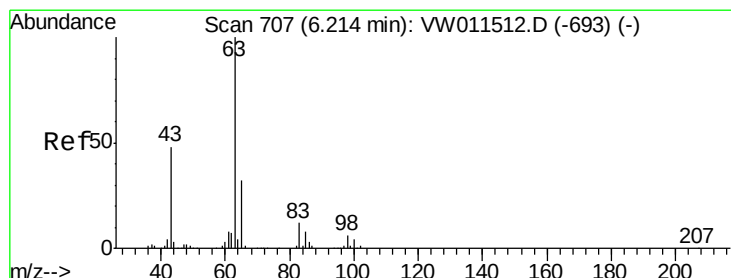
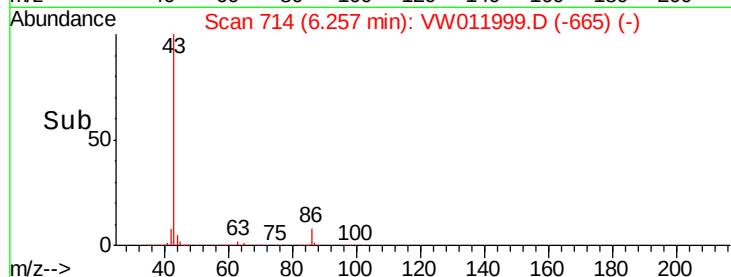
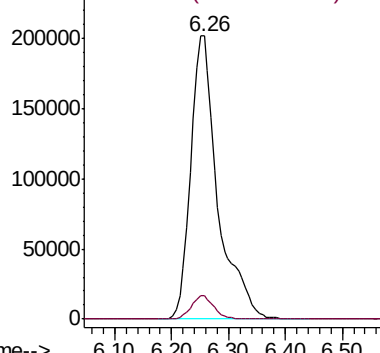
43 100

86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.735 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

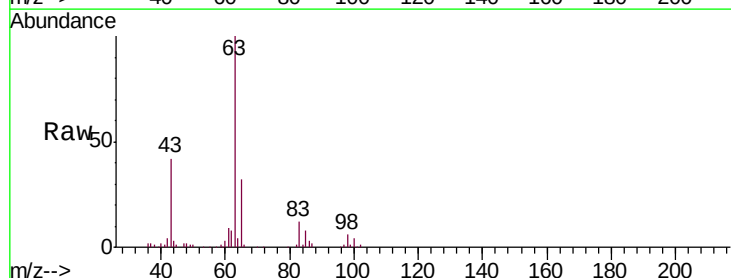
Tgt Ion: 63 Resp: 118846

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

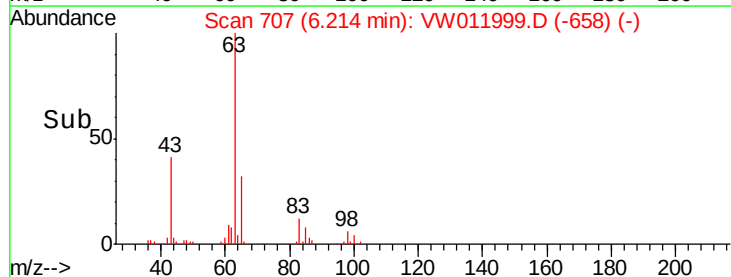
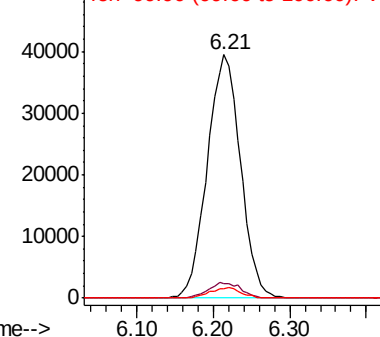
100 3.7 2.1 6.3

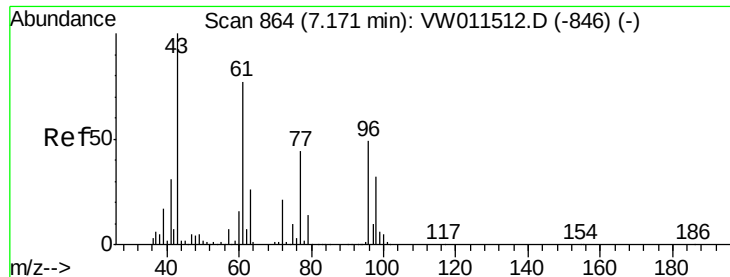


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 85.382 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

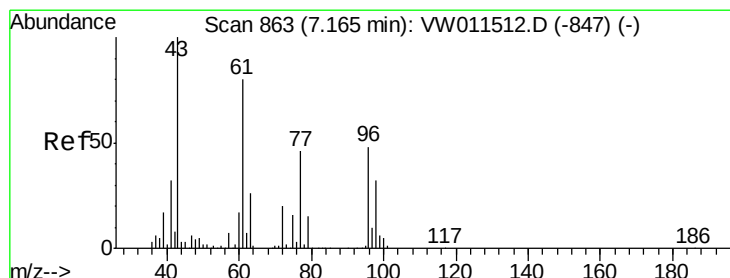
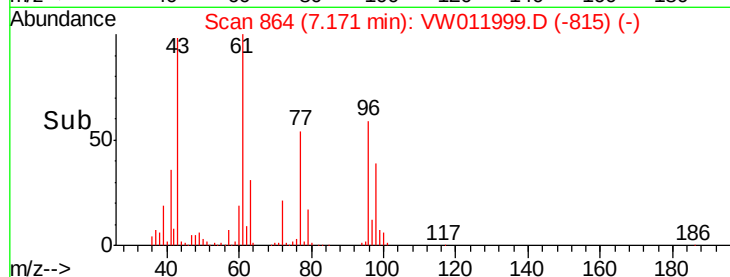
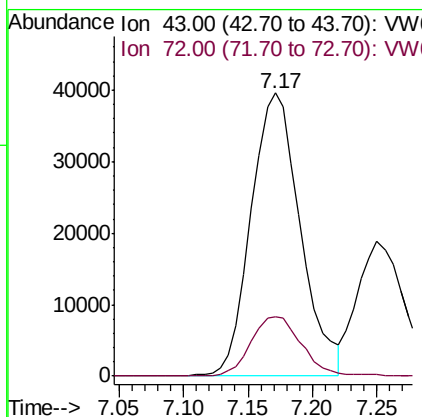
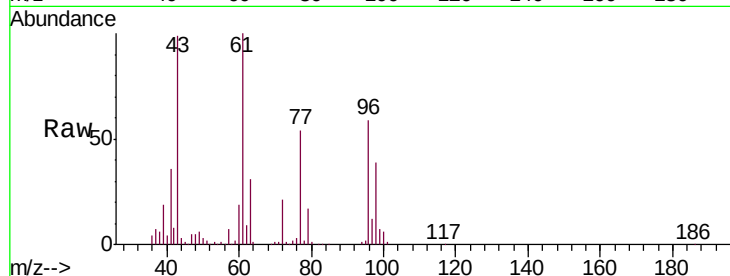
VW0819SBSD02

Tgt Ion: 43 Resp: 104579

Ion Ratio Lower Upper

43 100

72 21.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 18.112 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011999.D

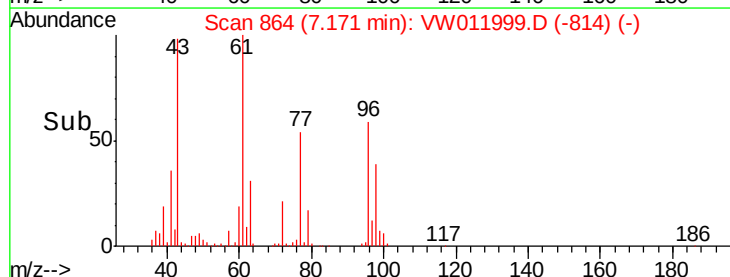
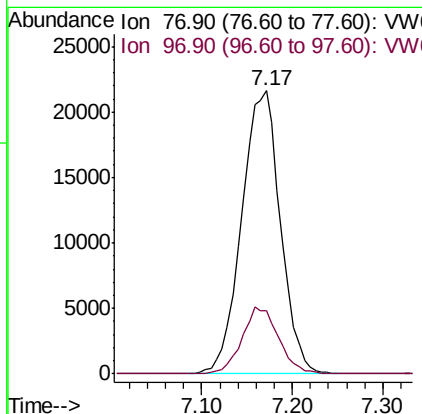
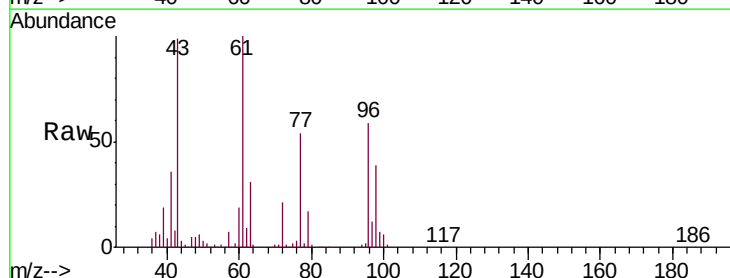
Acq: 19 Aug 2019 19:36

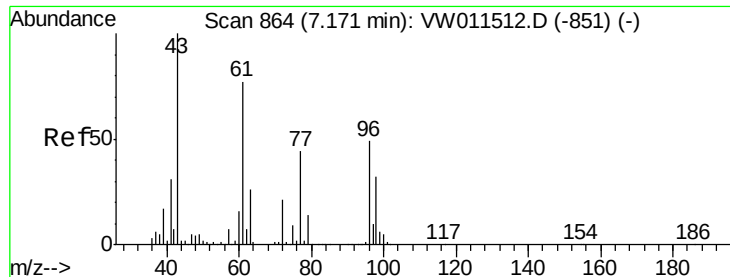
Tgt Ion: 77 Resp: 63843

Ion Ratio Lower Upper

77 100

97 22.2 10.8 32.4



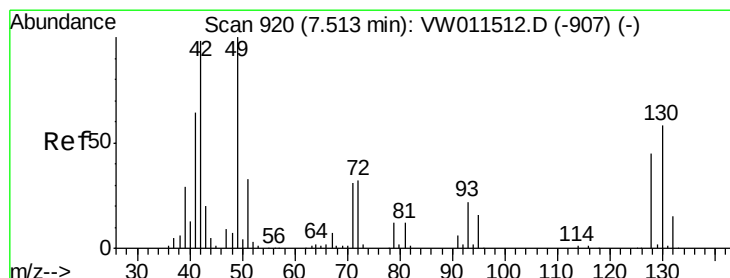
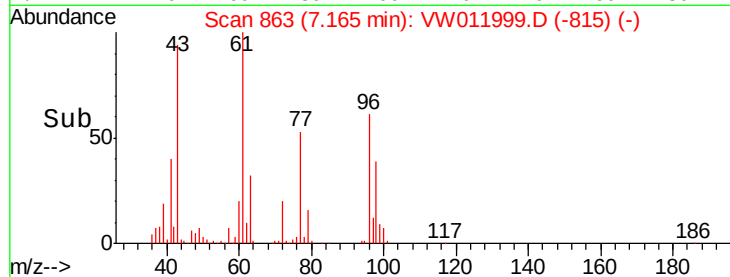
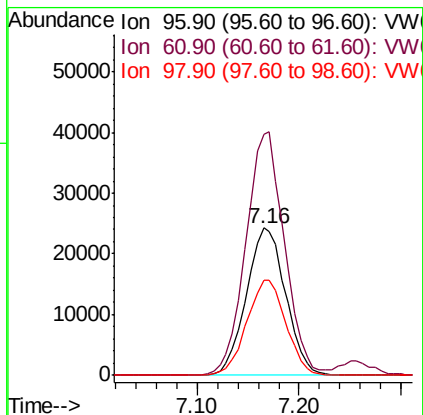
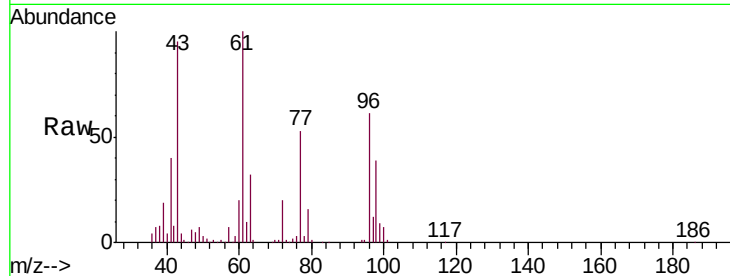


#27

cis-1,2-Dichloroethene
 Concen: 20.511 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0819SBS02

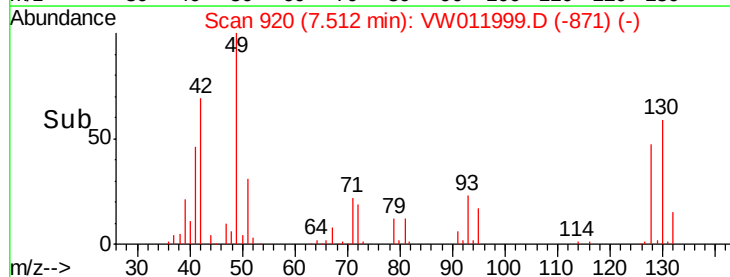
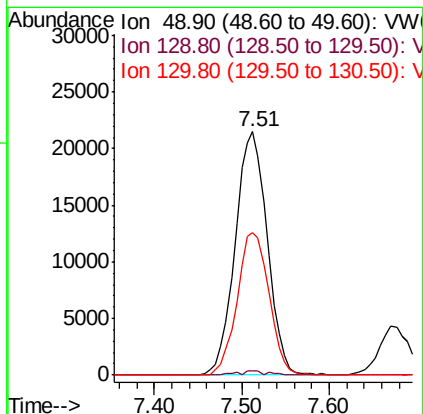
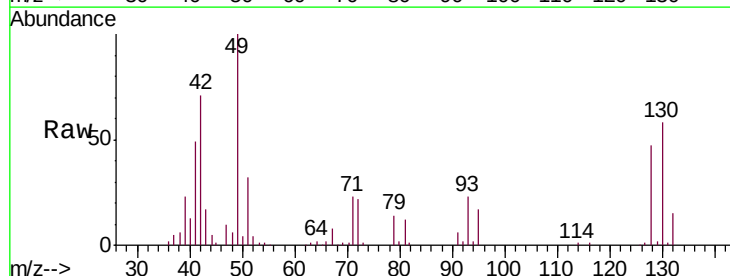
Tgt Ion: 96 Resp: 64953
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 328.4
 98 64.3 0.0 128.8

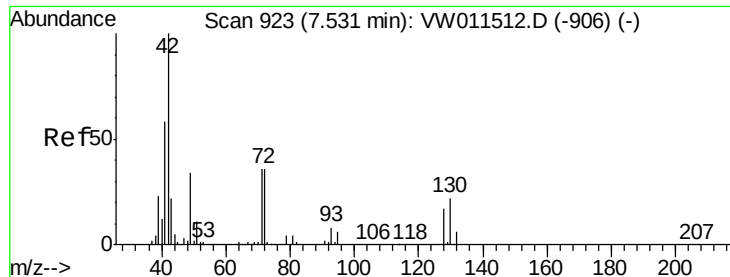


#28

Bromochloromethane
 Concen: 21.517 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 49 Resp: 54742
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.0#
 130 58.3 46.3 69.5

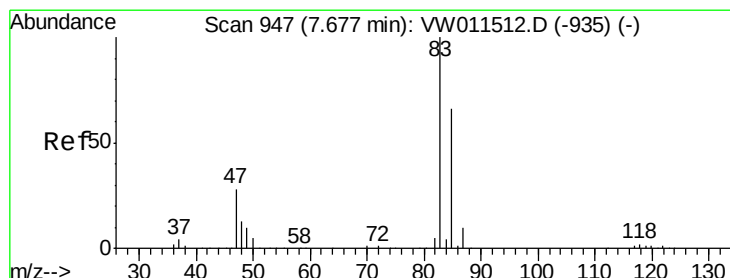
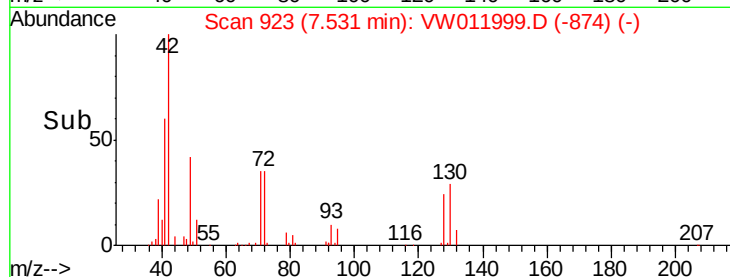
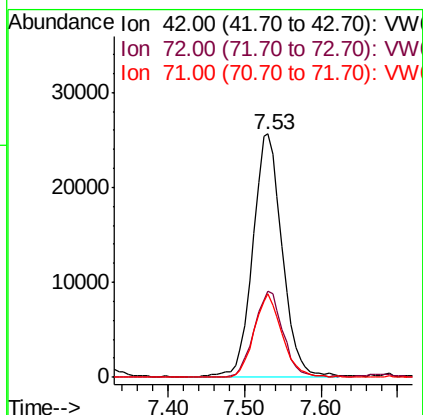
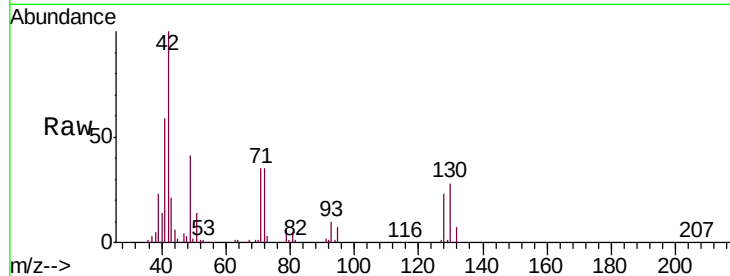




#29
Tetrahydrofuran
Concen: 97.805 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

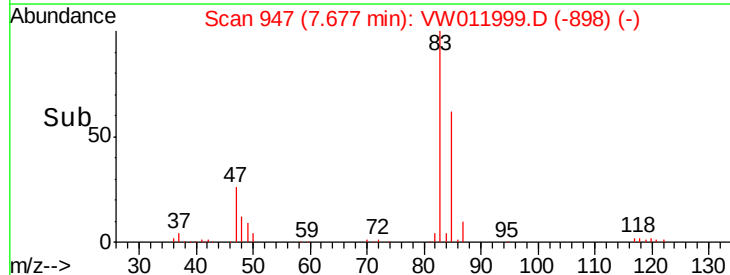
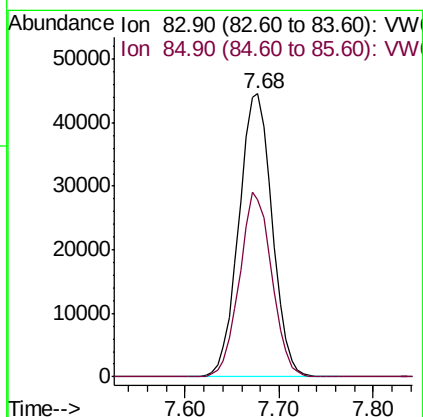
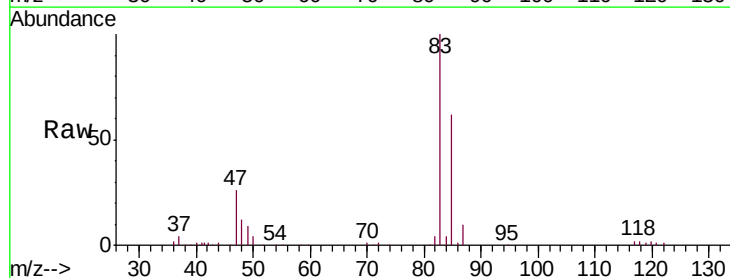
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

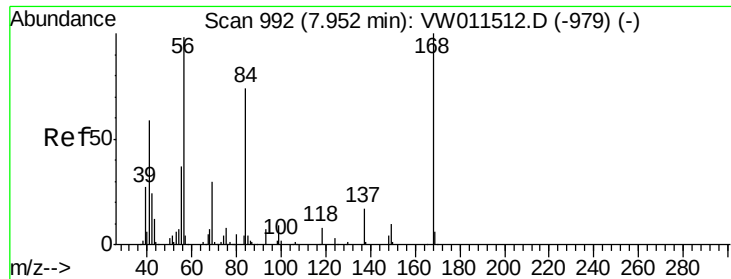
Tgt Ion: 42 Resp: 68476
Ion Ratio Lower Upper
42 100
72 35.0 27.1 40.7
71 32.9 26.2 39.4



#30
Chloroform
Concen: 20.832 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 83 Resp: 110158
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7





#31

Cyclohexane

Concen: 20.514 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

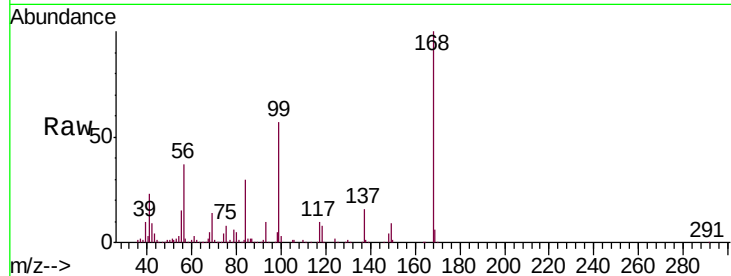
Tgt Ion: 56 Resp: 112867

Ion Ratio Lower Upper

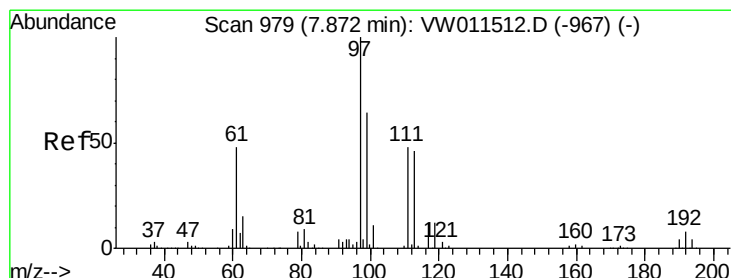
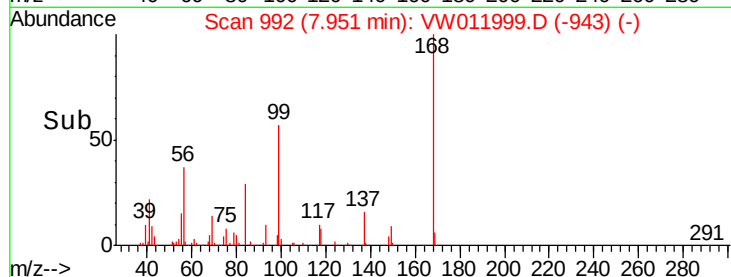
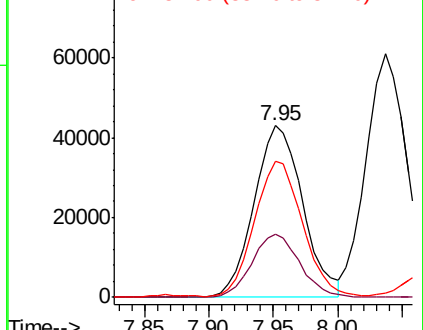
56 100

69 36.8 24.3 36.5#

84 78.9 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: 20.695 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

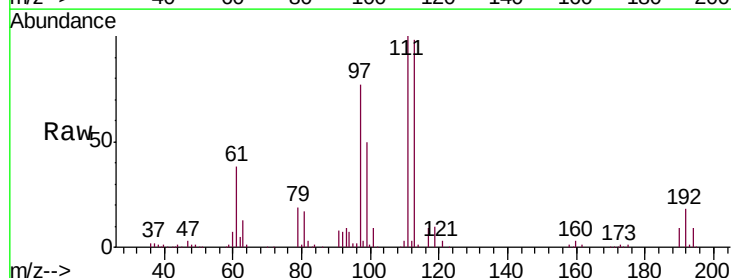
Tgt Ion: 97 Resp: 83341

Ion Ratio Lower Upper

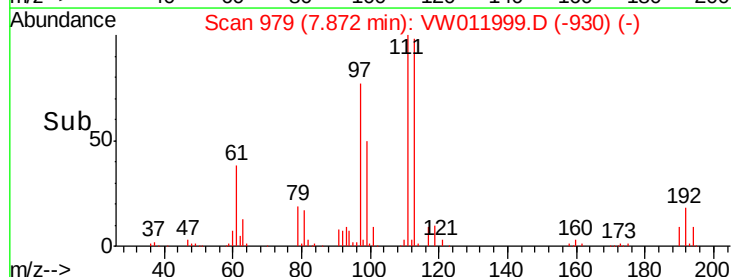
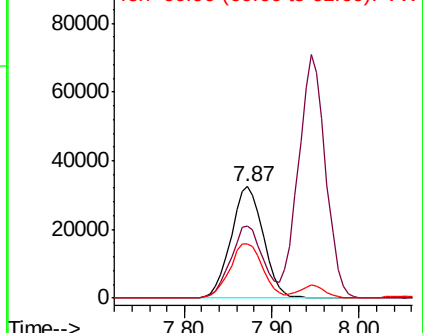
97 100

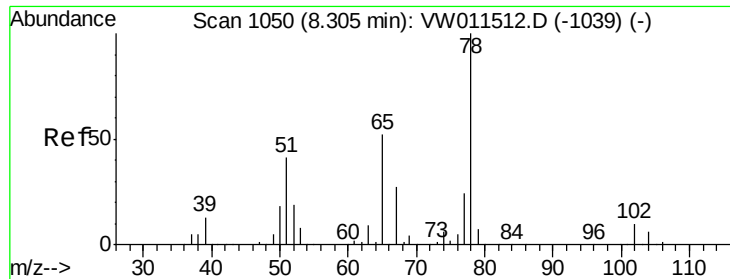
99 65.3 51.0 76.6

61 49.7 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

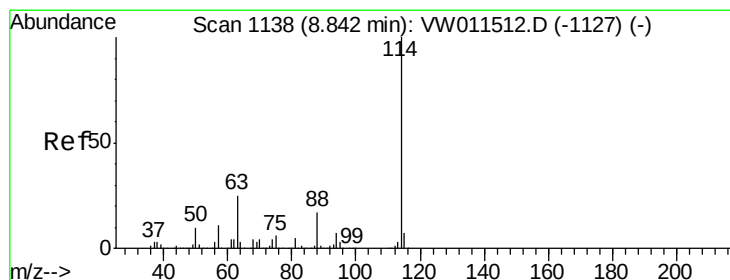
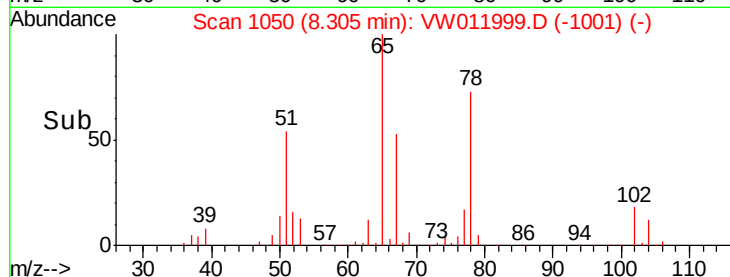
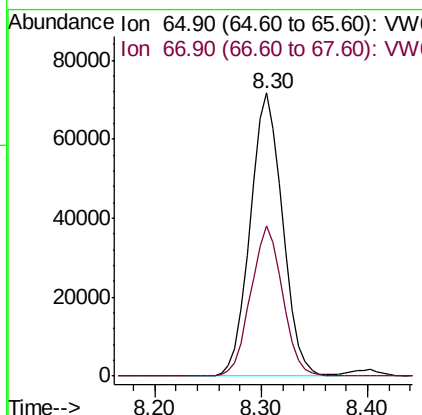
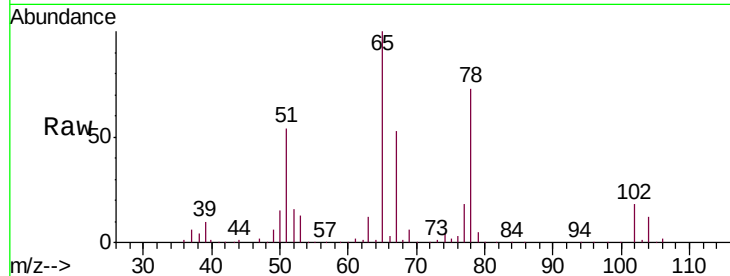




#33
 1,2-Dichloroethane-d4
 Concen: 52.088 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

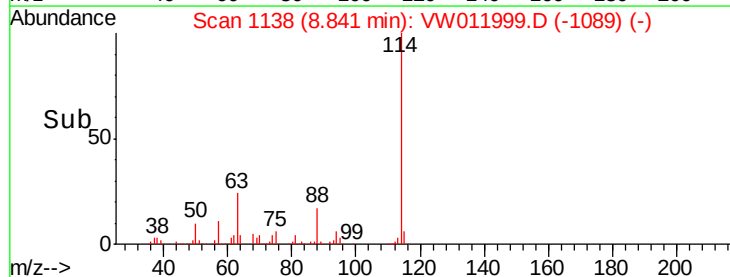
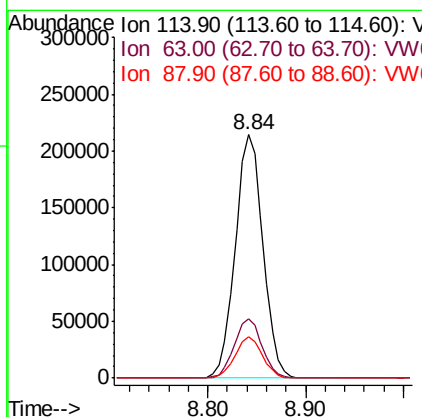
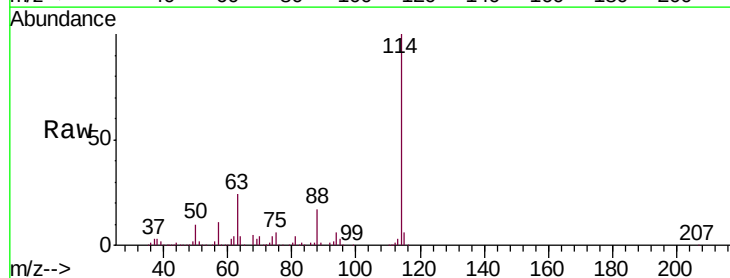
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

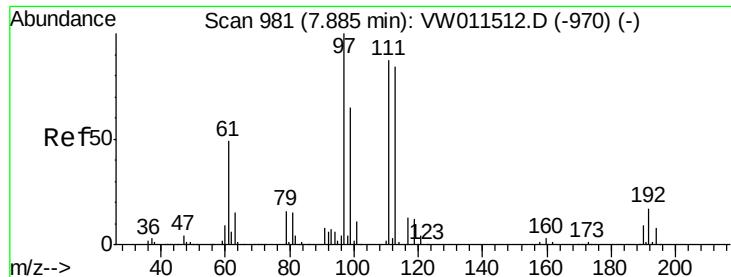
Tgt Ion: 65 Resp: 153275
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 114 Resp: 419831
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.2 0.0 33.8

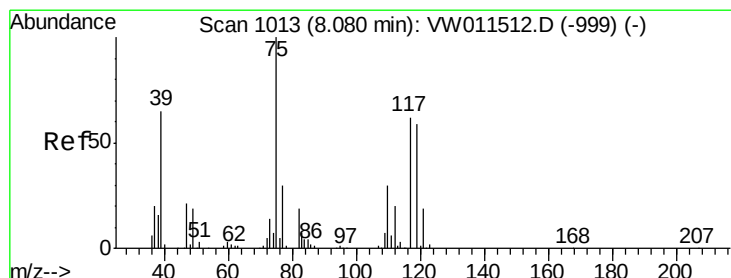
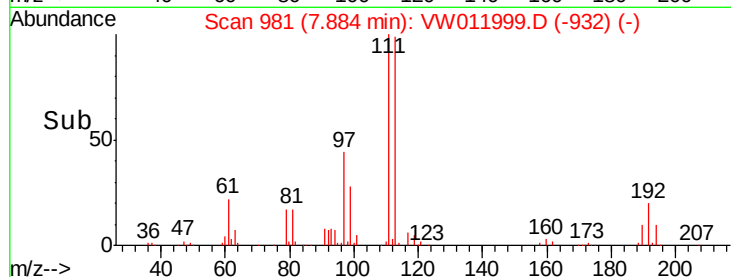
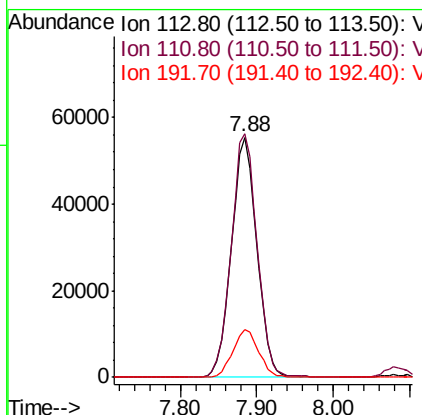
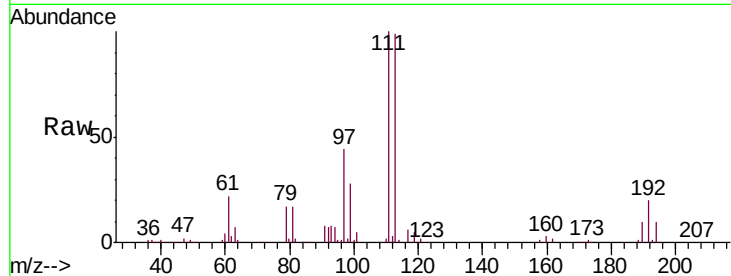




#35
 Dibromofluoromethane
 Concen: 54.163 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

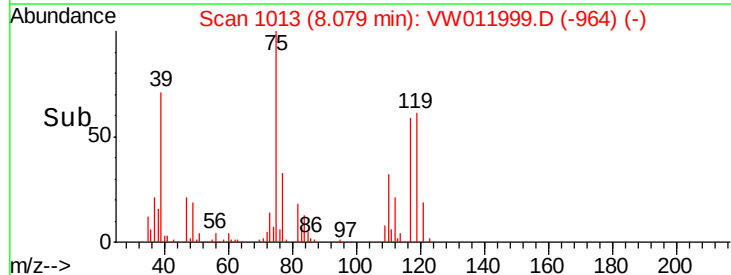
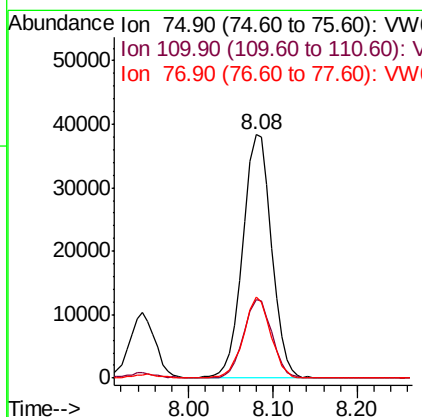
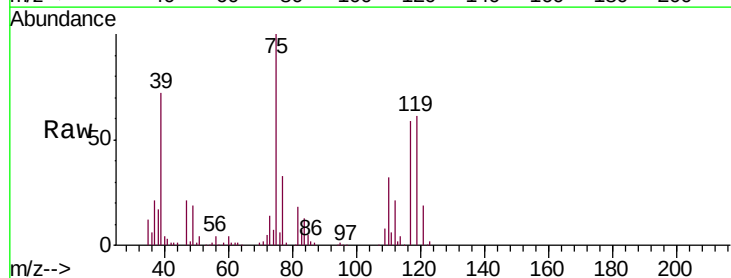
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

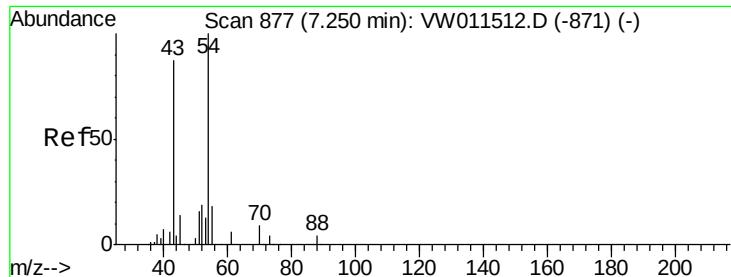
Tgt Ion: 113 Resp: 127572
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 20.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 20.281 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 75 Resp: 88536
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.6 46.8
 77 31.4 24.3 36.5

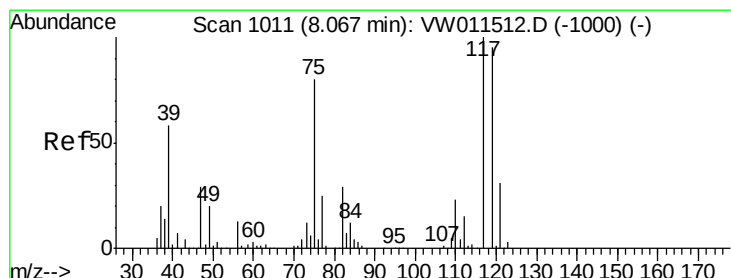
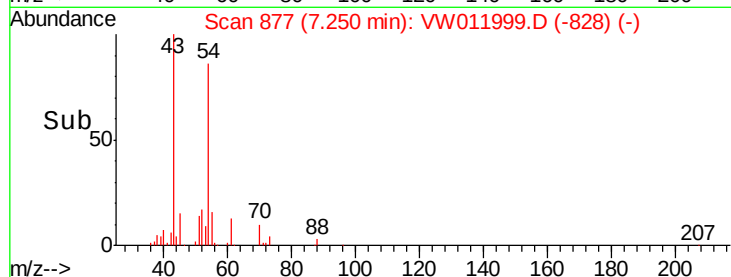
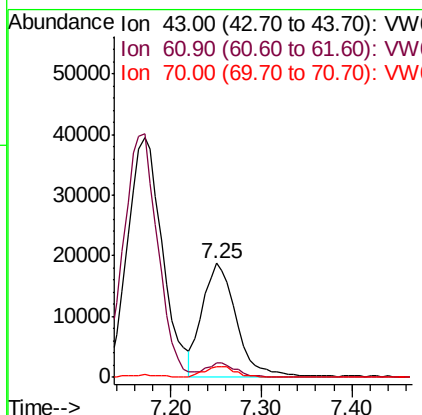
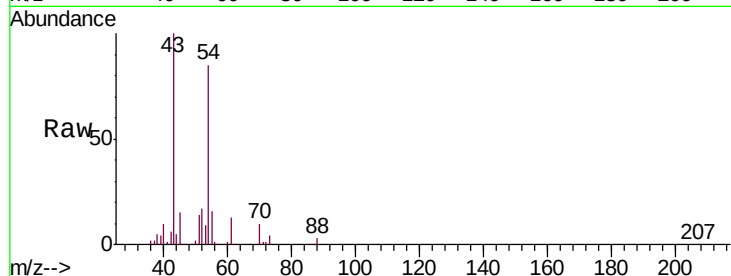




#37
Ethyl Acetate
Concen: 19.516 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

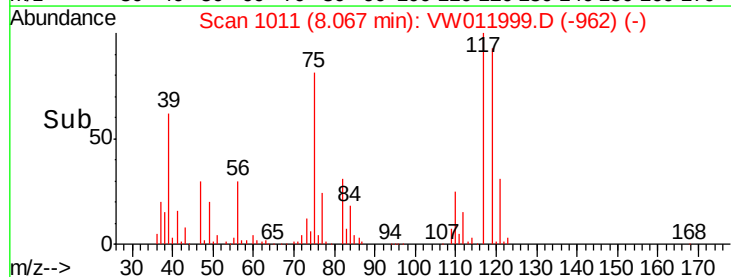
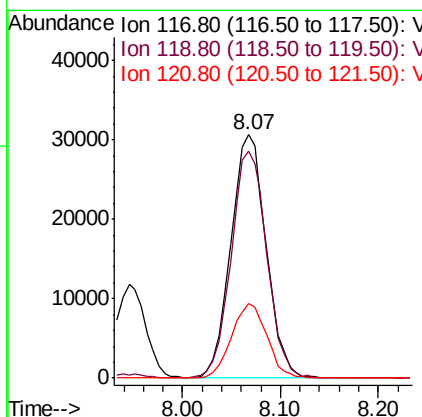
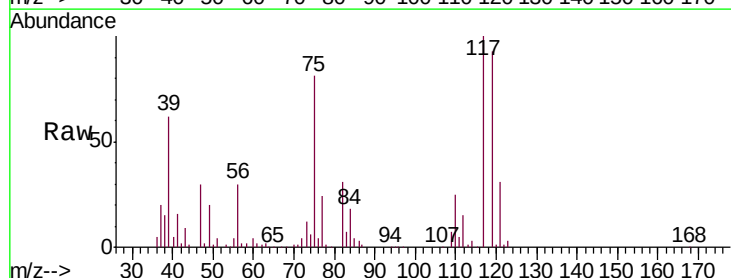
Instrument :
MSVOA_W
ClientSampled :
VW0819SBSD02

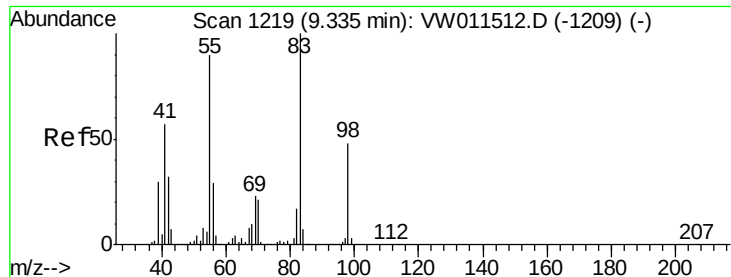
Tgt Ion: 43 Resp: 49017
Ion Ratio Lower Upper
43 100
61 10.8 8.8 13.2
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.441 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 117 Resp: 76392
Ion Ratio Lower Upper
117 100
119 93.2 75.8 113.6
121 30.6 24.7 37.1

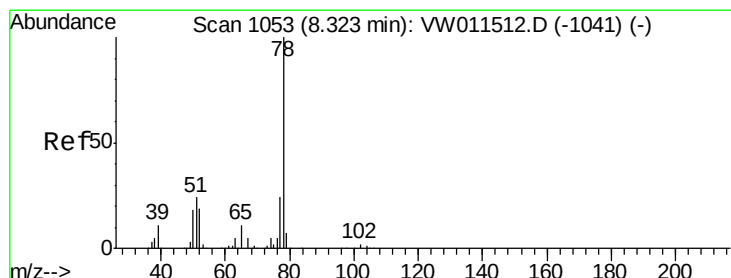
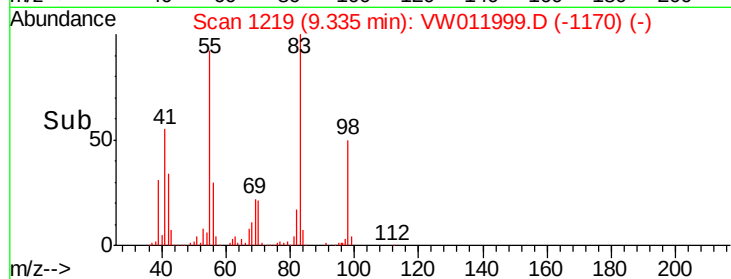
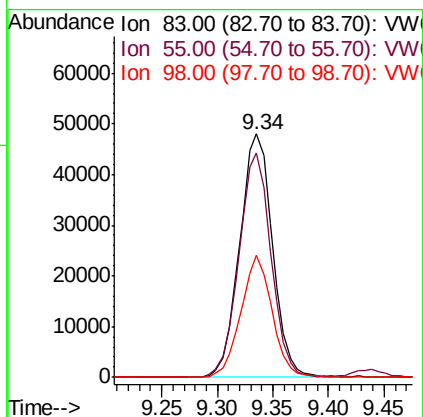
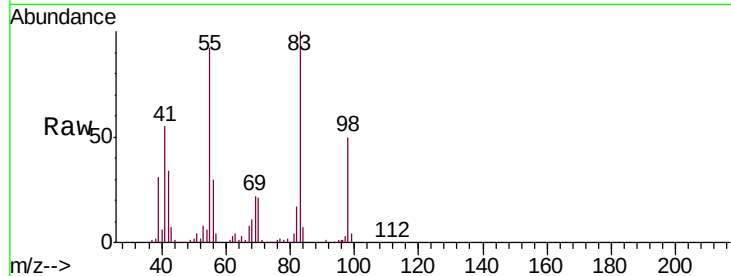




#39
Methylcyclohexane
Concen: 20.480 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

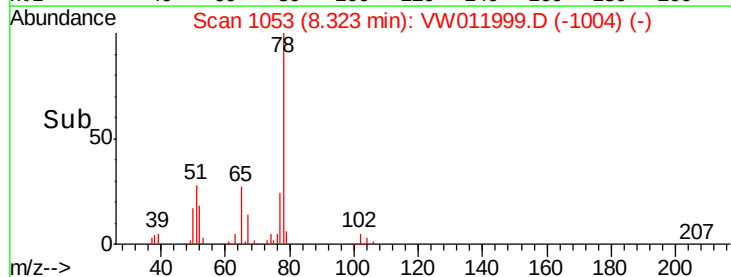
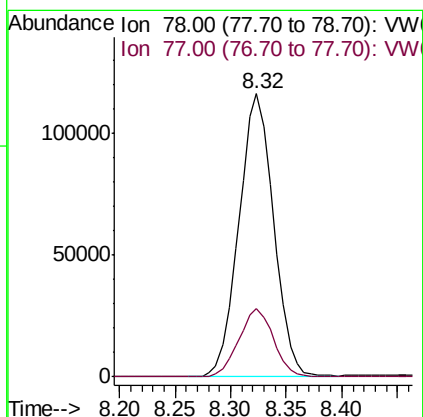
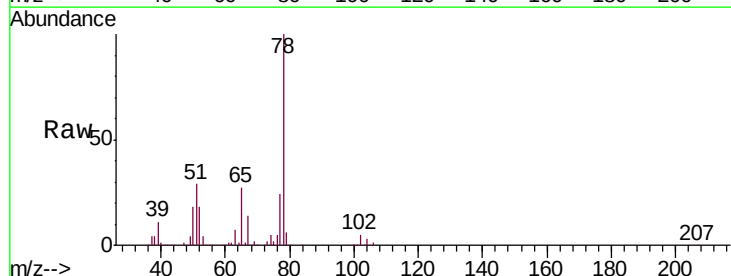
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

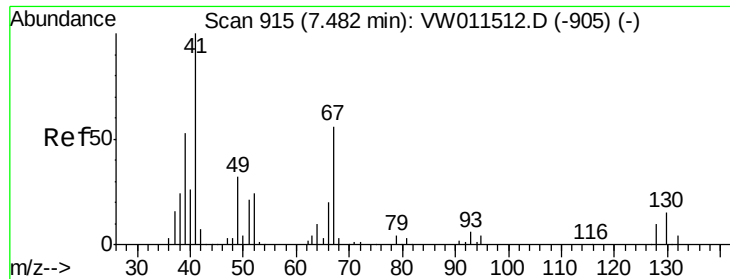
Tgt Ion: 83 Resp: 98446
Ion Ratio Lower Upper
83 100
55 92.2 72.1 108.1
98 50.0 38.6 57.8



#40
Benzene
Concen: 20.682 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 78 Resp: 252901
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

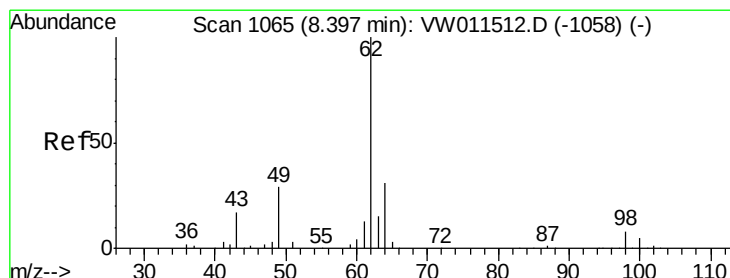
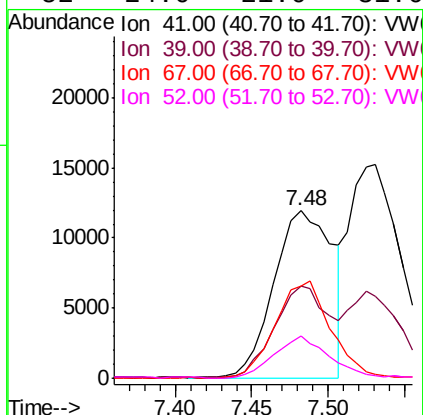
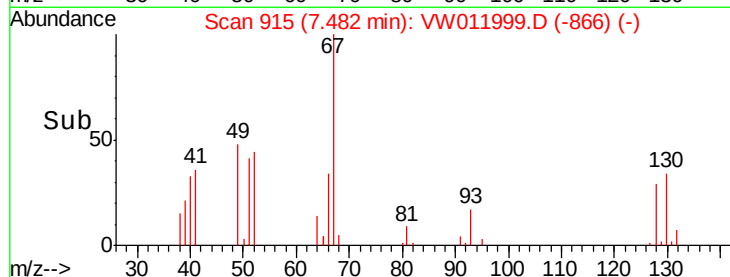
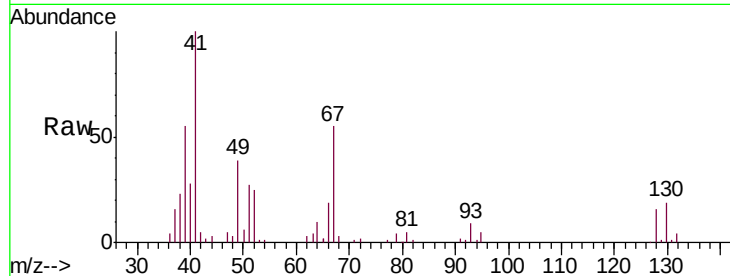




#41
Methacrylonitrile
Concen: 21.358 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

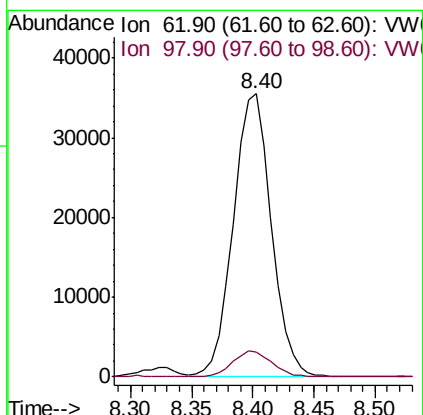
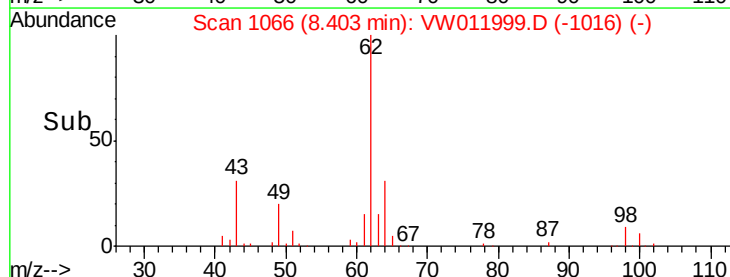
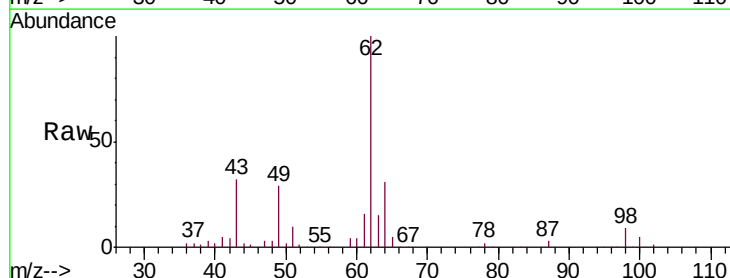
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

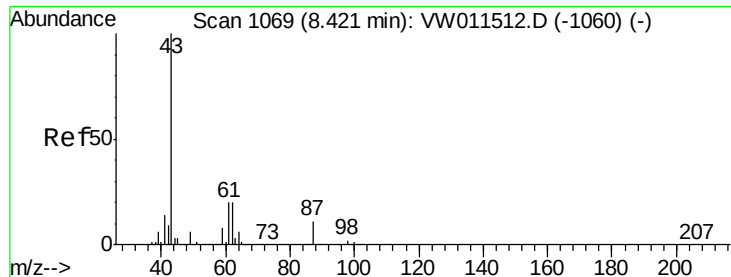
Tgt Ion:	41	Resp:	32066
Ion	Ratio	Lower	Upper
41	100		
39	51.2	43.0	64.4
67	54.1	47.5	71.3
52	24.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 19.944 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion:	62	Resp:	76352
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.814 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

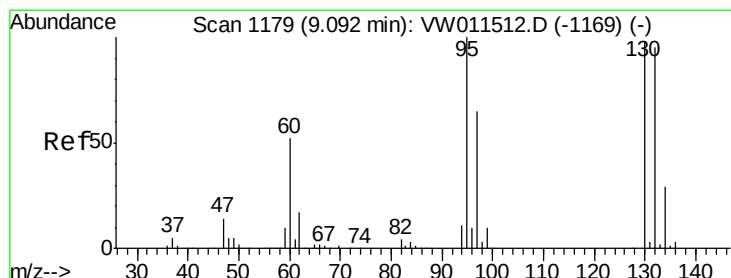
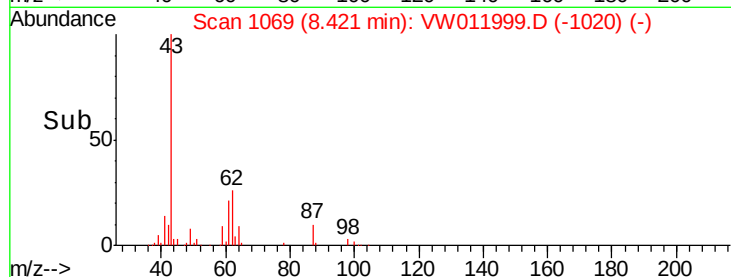
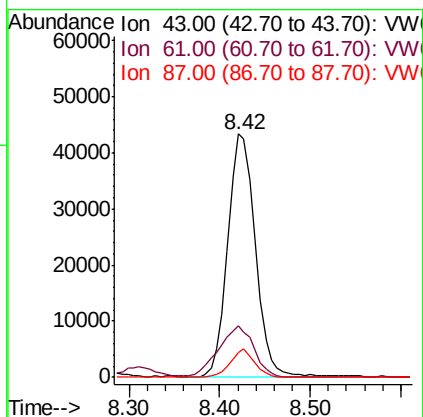
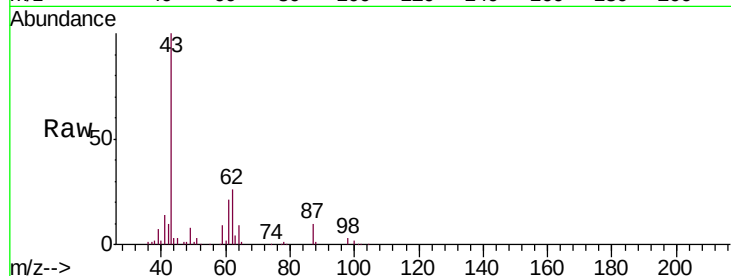
Tgt Ion: 43 Resp: 91519

Ion Ratio Lower Upper

43 100

61 27.2 21.5 32.3

87 10.3 8.4 12.6



#44

Trichloroethene

Concen: 20.778 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011999.D

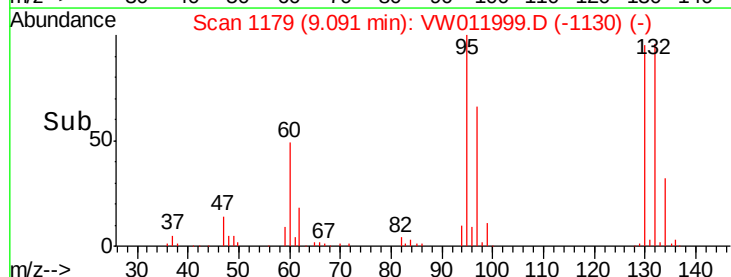
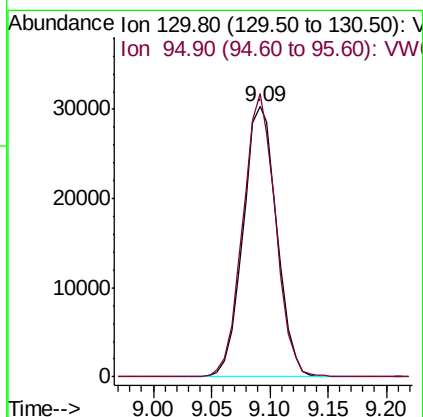
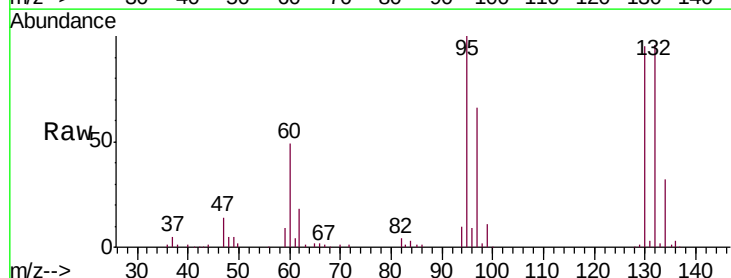
Acq: 19 Aug 2019 19:36

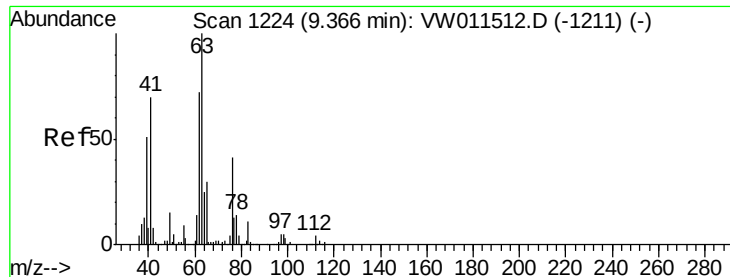
Tgt Ion: 130 Resp: 61066

Ion Ratio Lower Upper

130 100

95 104.8 0.0 204.8

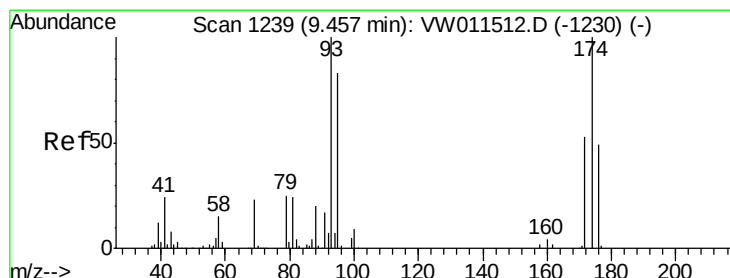
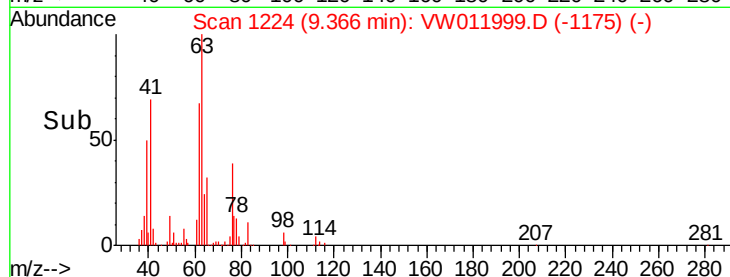
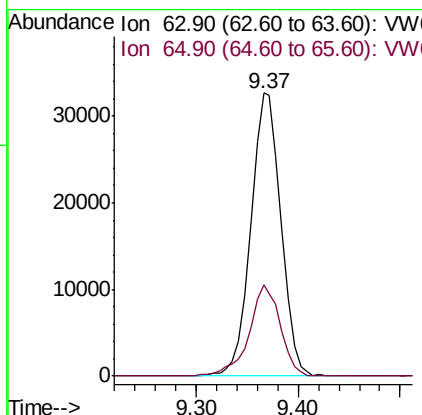
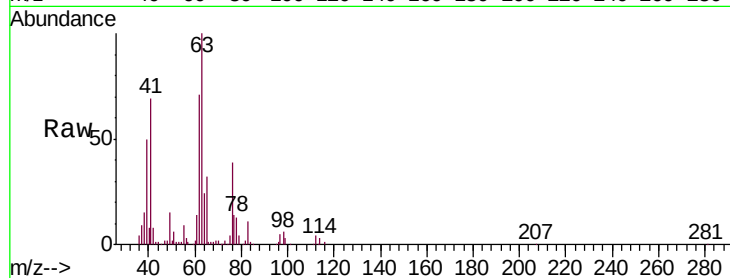




#45
 1,2-Dichloropropane
 Concen: 20.512 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

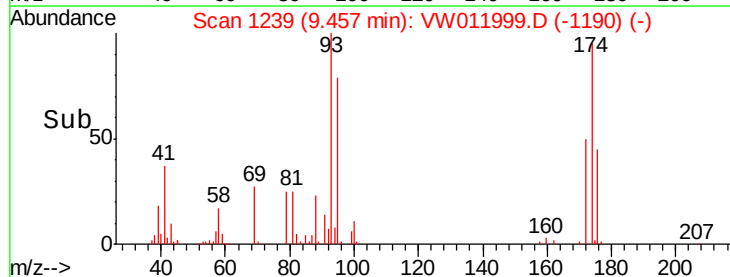
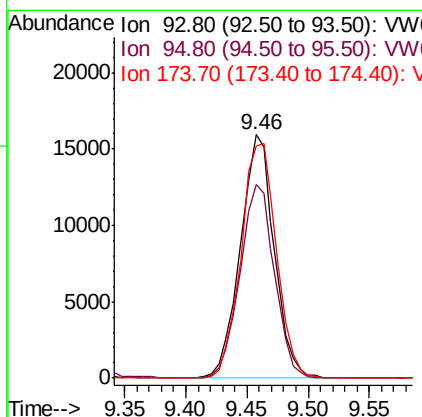
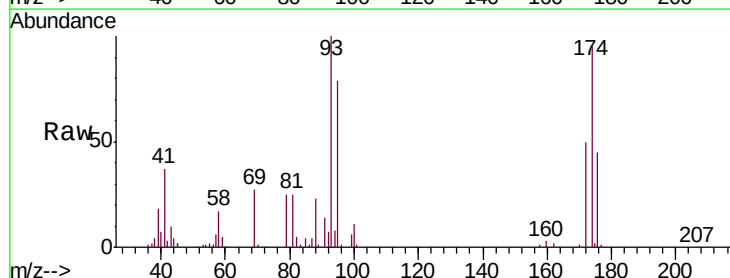
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

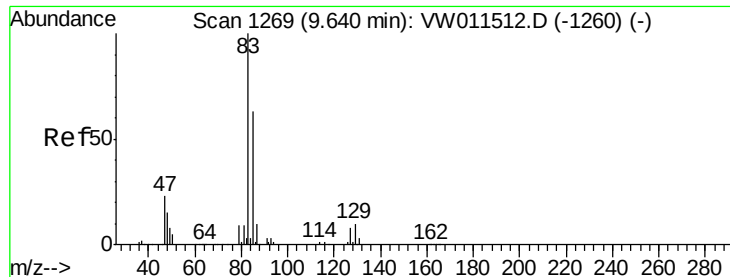
Tgt Ion: 63 Resp: 67112
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.2 36.4



#46
 Dibromomethane
 Concen: 20.481 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 93 Resp: 30584
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.2 99.2
 174 100.9 78.2 117.4





#47

Bromodichloromethane

Concen: 20.037 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleID :

VW0819SBSD02

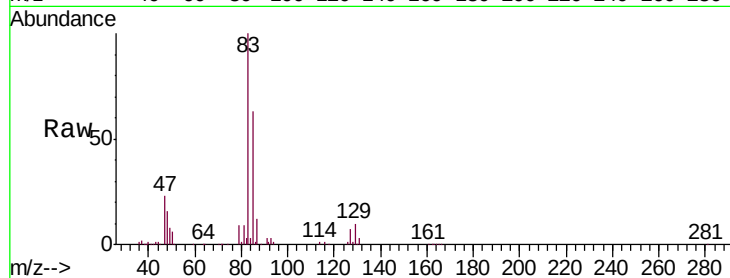
Tgt Ion: 83 Resp: 78486

Ion Ratio Lower Upper

83 100

85 63.3 50.5 75.7

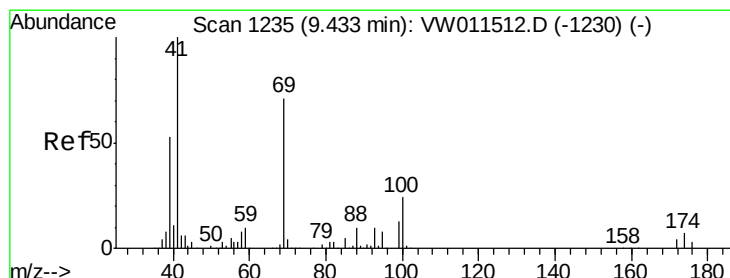
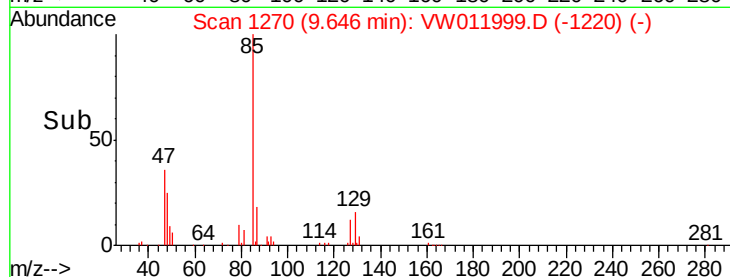
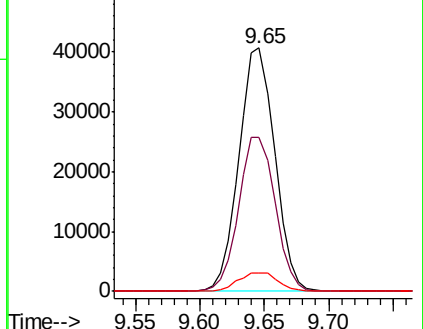
127 7.4 6.4 9.6



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: 19.669 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

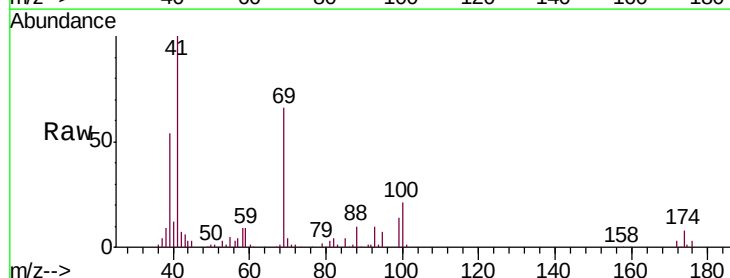
Tgt Ion: 41 Resp: 43642

Ion Ratio Lower Upper

41 100

69 71.0 57.1 85.7

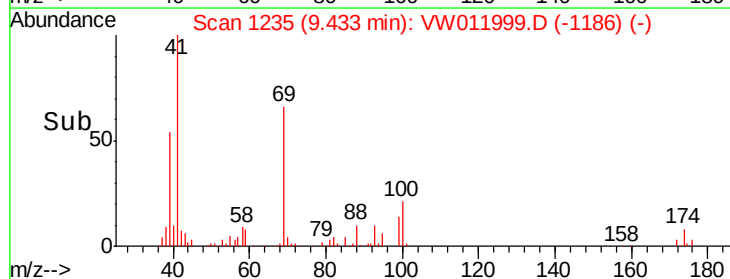
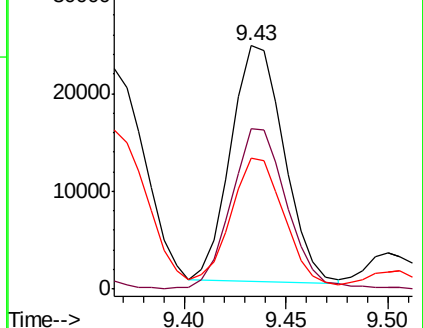
39 57.0 45.4 68.2

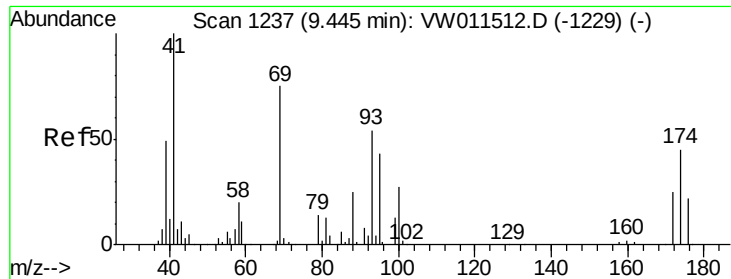


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

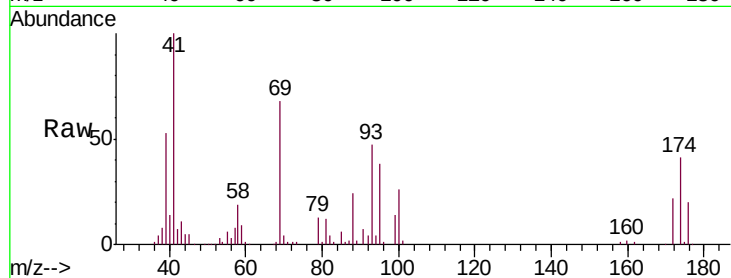




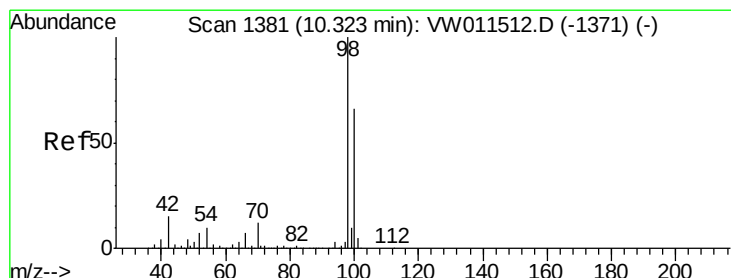
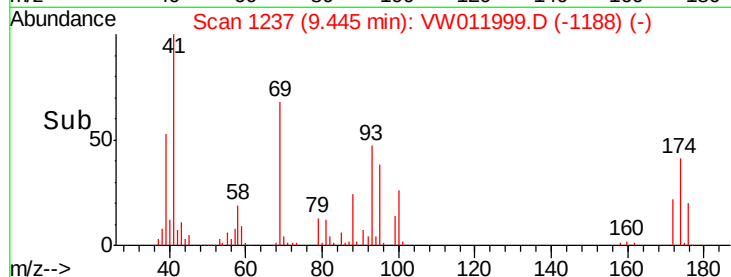
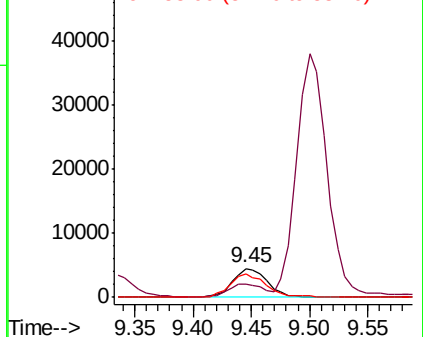
#49
1,4-Dioxane
Concen: 432.520 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tgt Ion: 88 Resp: 9352
Ion Ratio Lower Upper
88 100
43 46.6 34.0 51.0
58 86.2 69.7 104.5

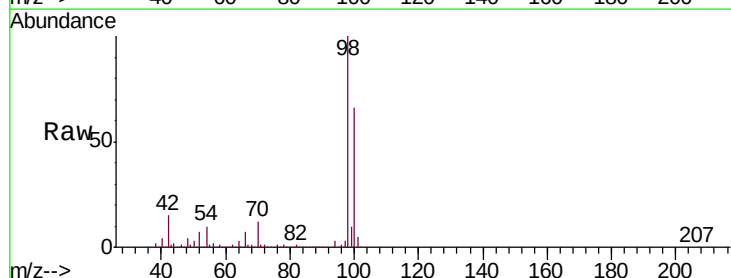


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

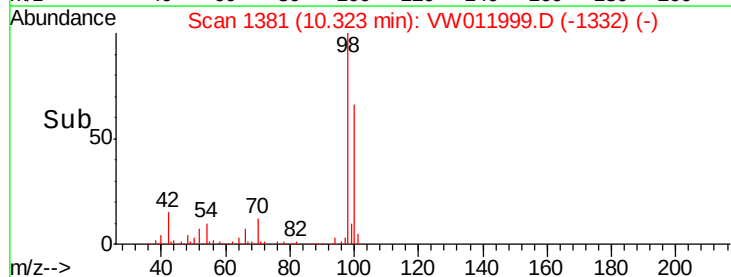
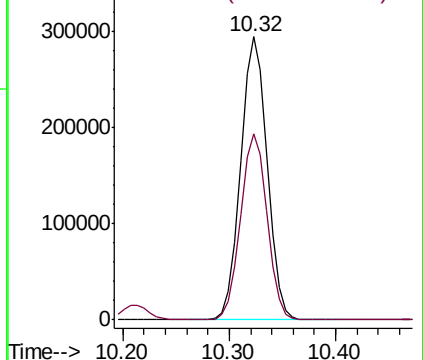


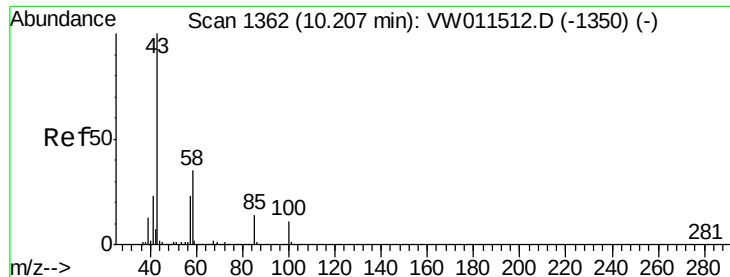
#50
Toluene-d8
Concen: 53.406 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 98 Resp: 515015
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



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

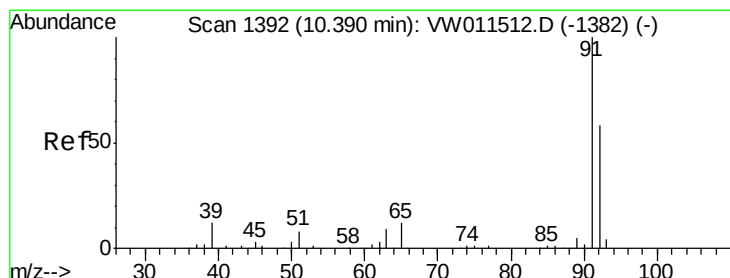
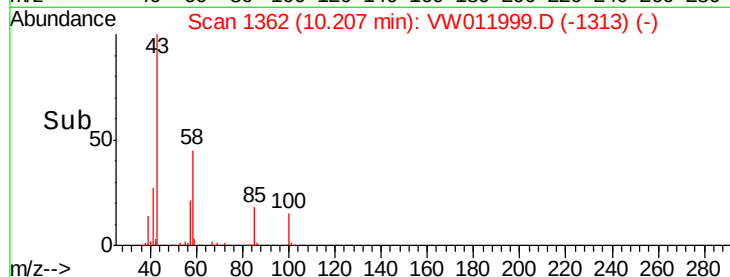
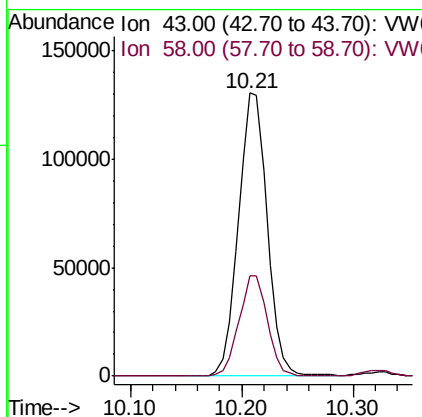
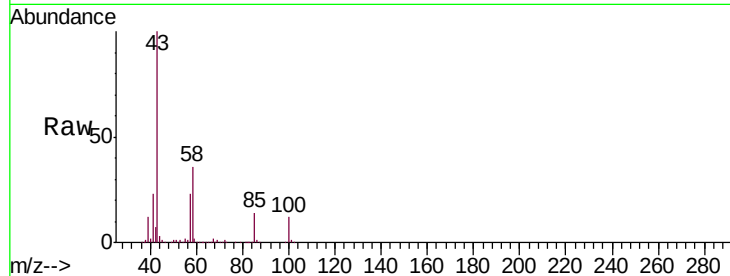




#51
 4-Methyl-2-Pentanone
 Concen: 96.980 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

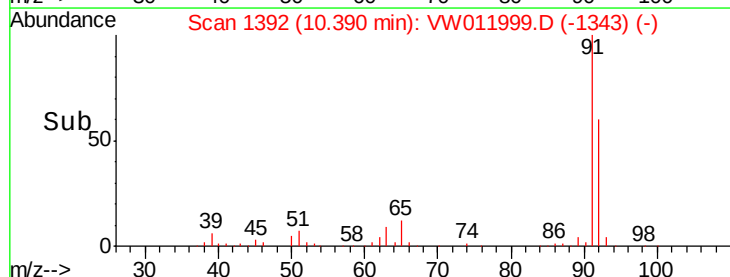
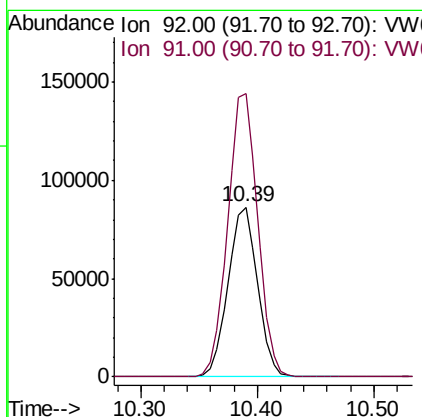
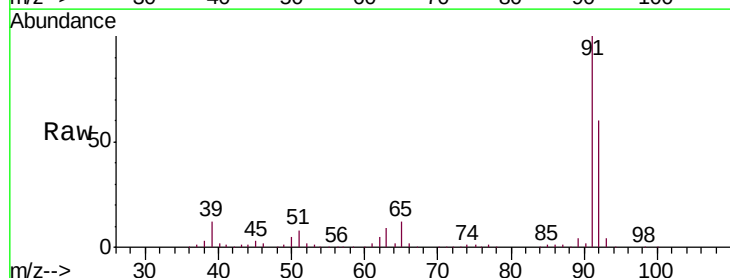
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

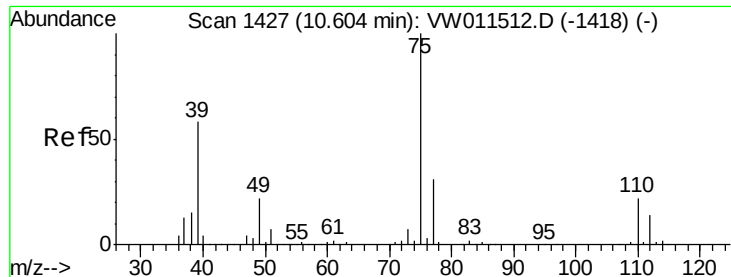
Tgt Ion: 43 Resp: 233000
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.2 42.2



#52
 Toluene
 Concen: 20.553 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 92 Resp: 151775
 Ion Ratio Lower Upper
 92 100
 91 170.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.545 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

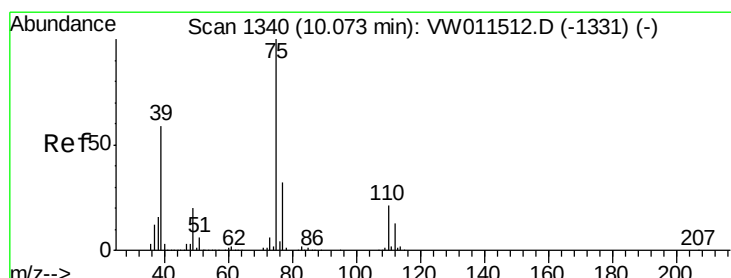
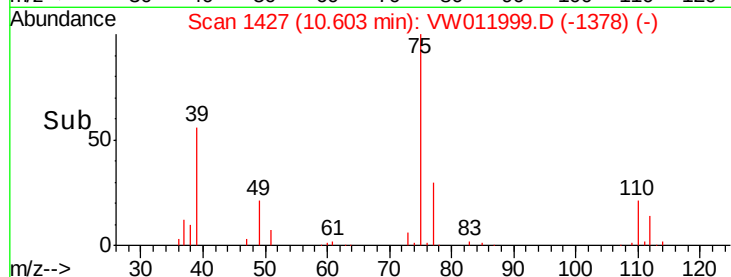
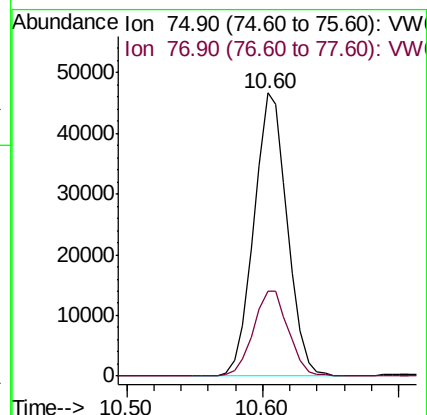
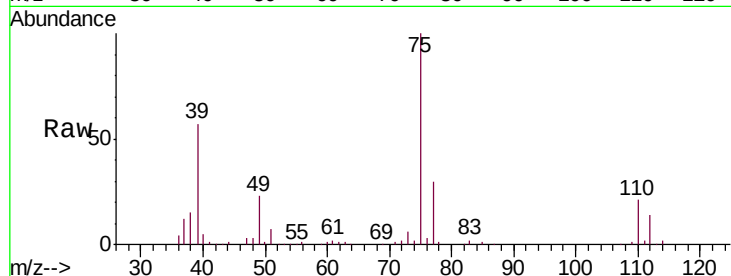
VW0819SBSD02

Tgt Ion: 75 Resp: 79974

Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.990 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

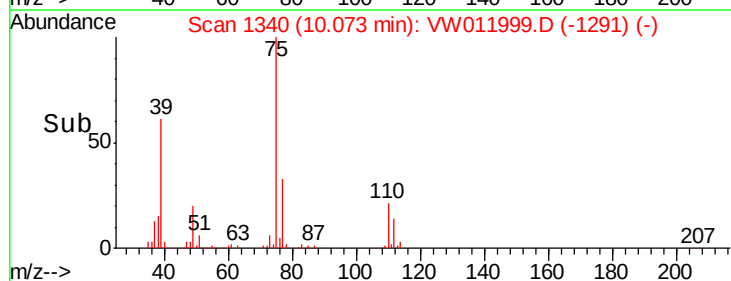
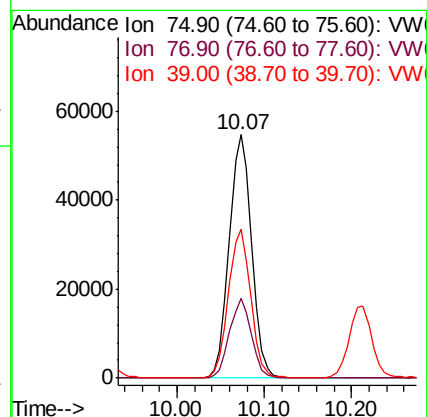
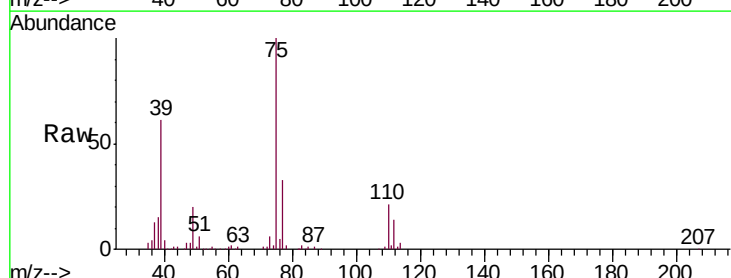
Tgt Ion: 75 Resp: 97255

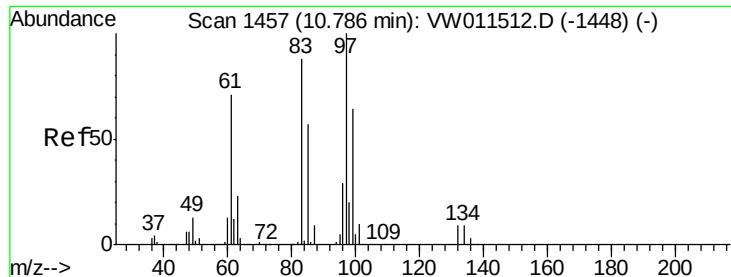
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 60.8 47.0 70.4

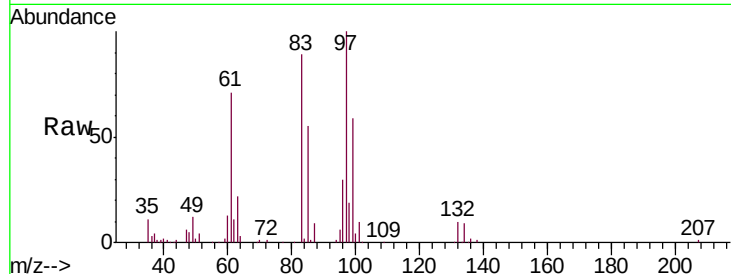




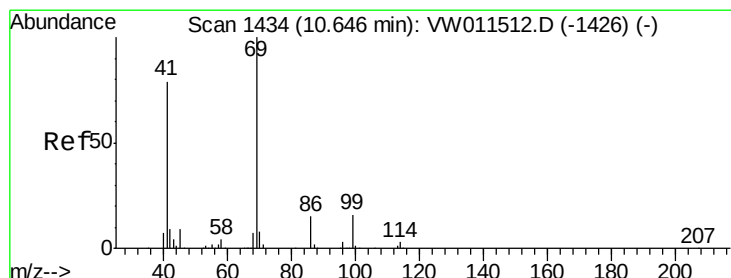
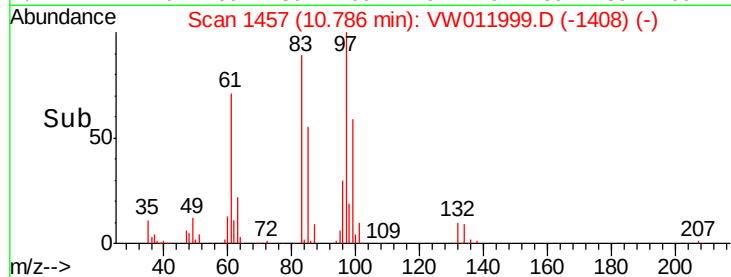
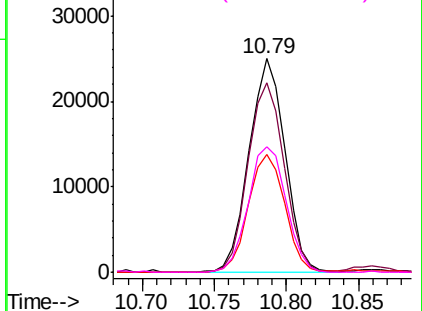
#55
 1,1,2-Trichloroethane
 Concen: 20.350 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

Tgt Ion:	97	Resp:	43117
Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.5	105.7
85	54.9	45.8	68.6
99	58.9	51.0	76.4

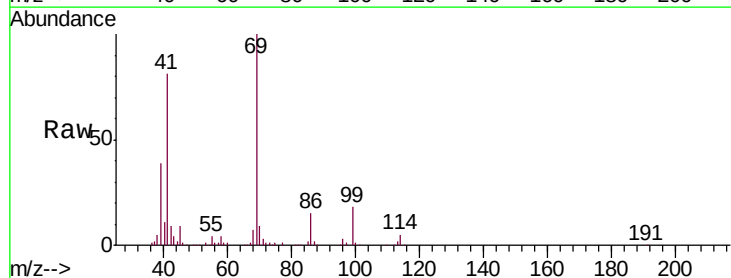


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

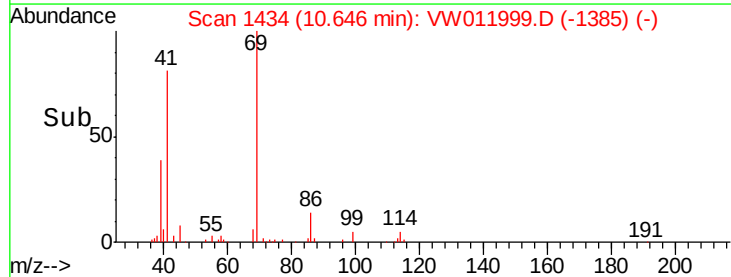
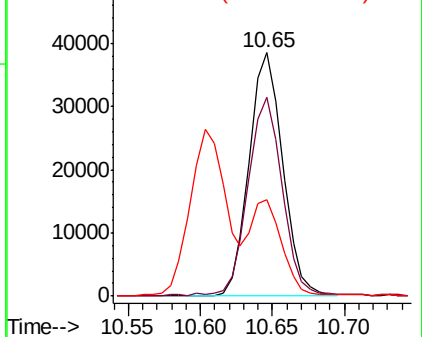


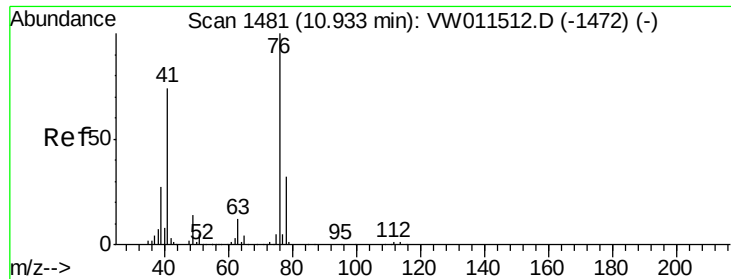
#56
 Ethyl methacrylate
 Concen: 20.031 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion:	69	Resp:	62106
Ion	Ratio	Lower	Upper
69	100		
41	83.4	66.6	99.8
39	37.3	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

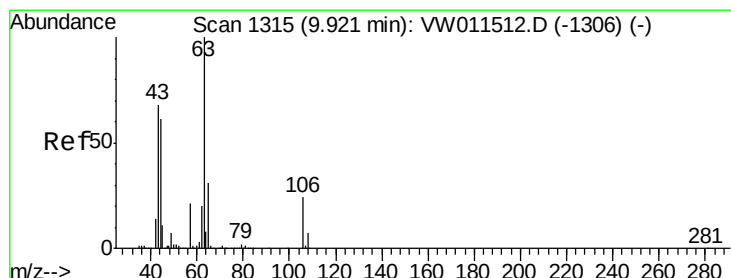
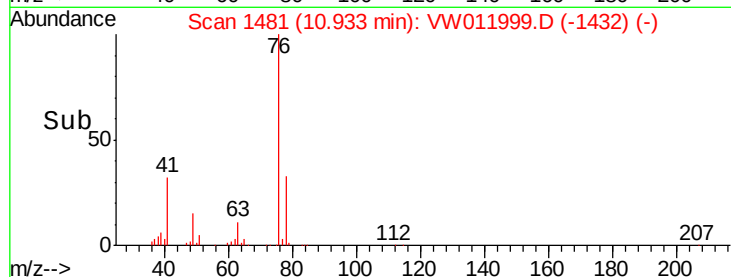
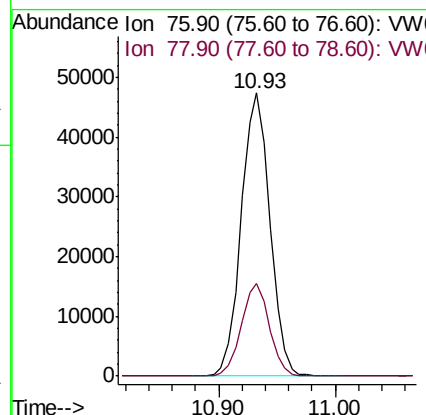
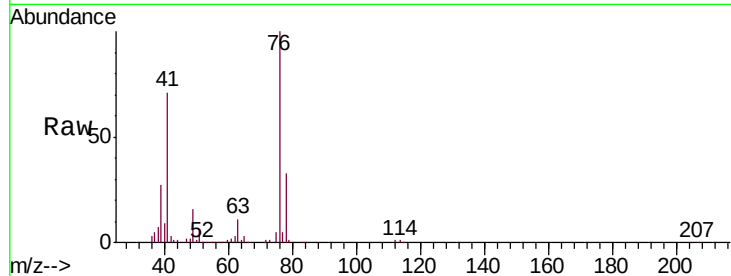




#57
 1,3-Dichloropropane
 Concen: 20.345 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

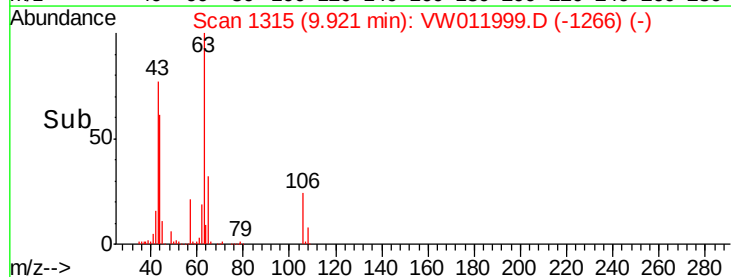
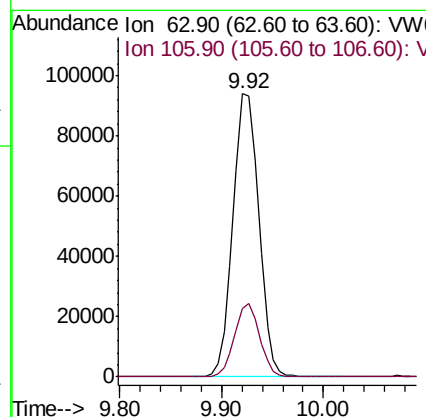
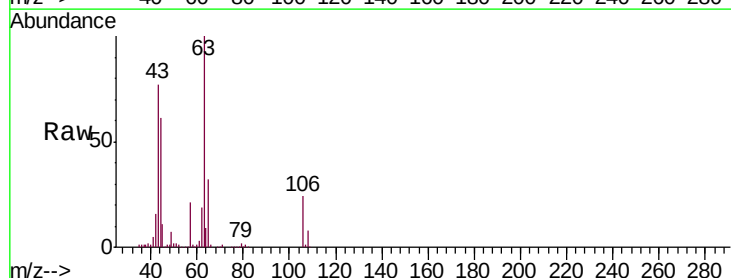
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

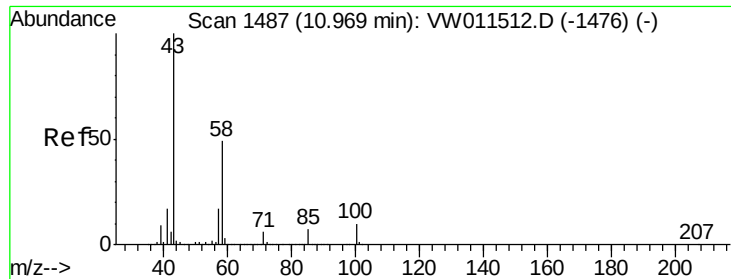
Tgt Ion: 76 Resp: 81554
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.586 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 63 Resp: 165529
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

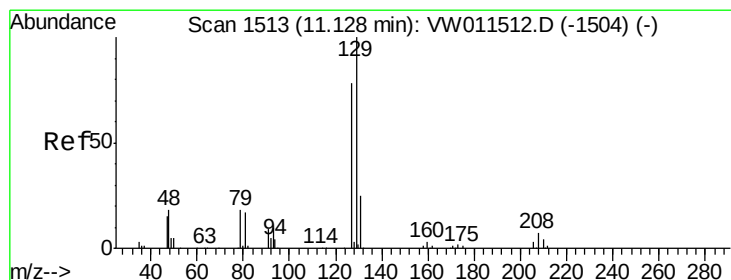
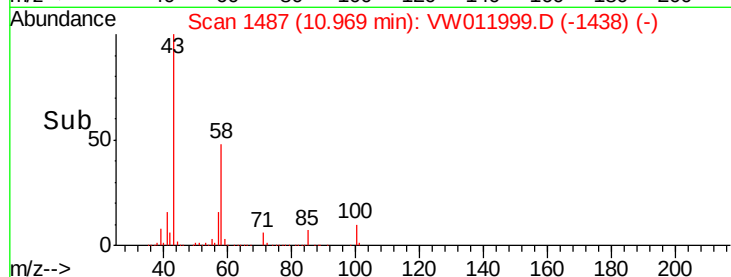
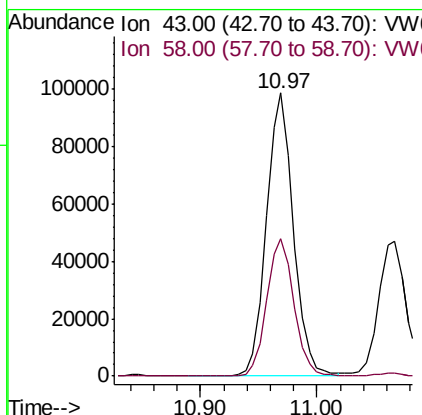
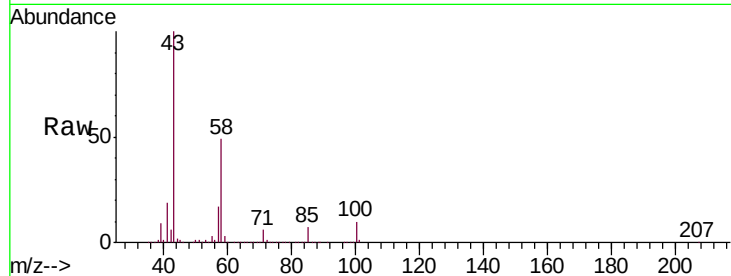




#59
2-Hexanone
Concen: 93.603 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

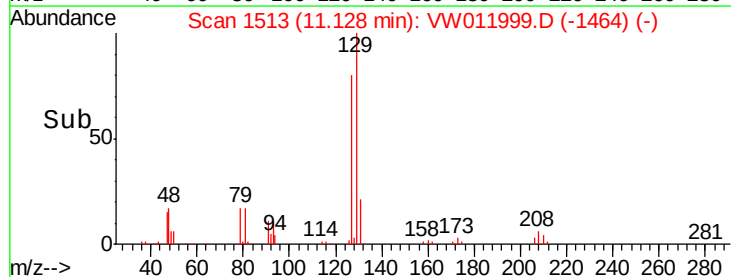
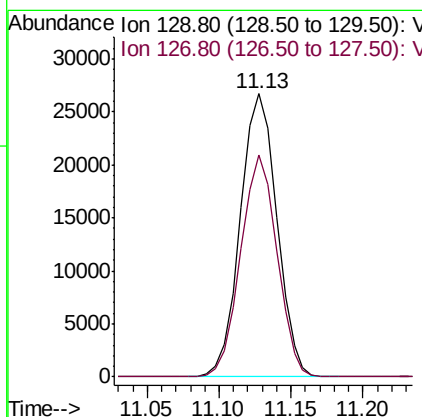
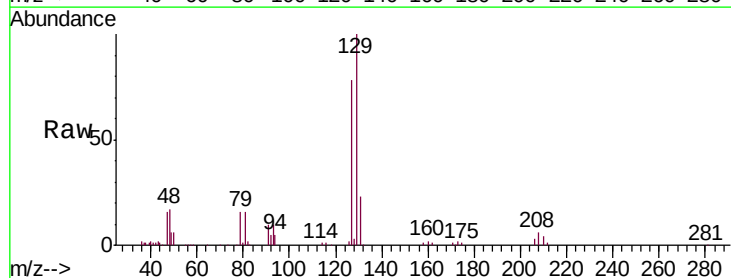
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

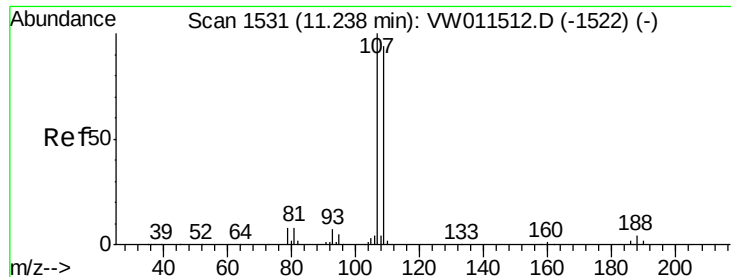
Tgt Ion: 43 Resp: 158784
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 20.013 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion: 129 Resp: 47069
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

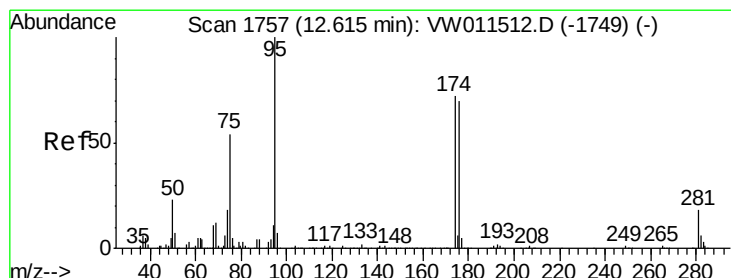
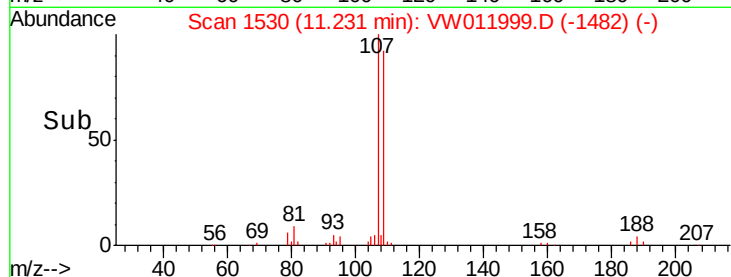
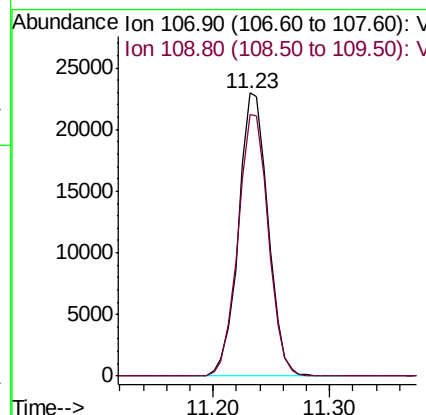
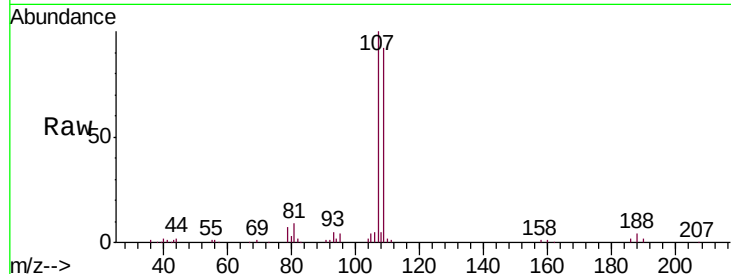




#61
 1,2-Dibromoethane
 Concen: 20.267 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

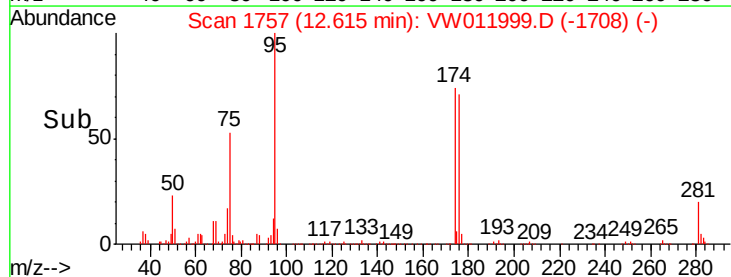
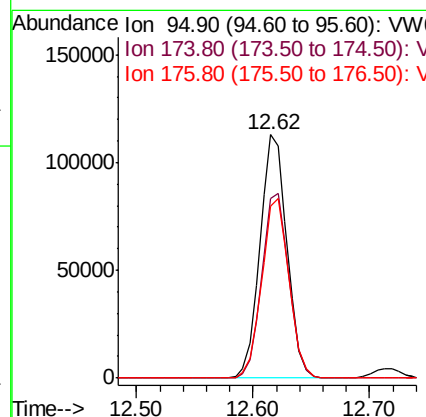
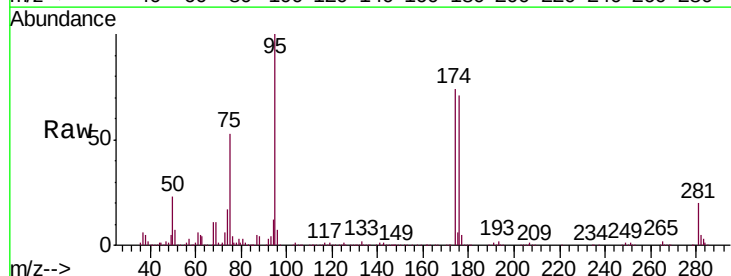
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

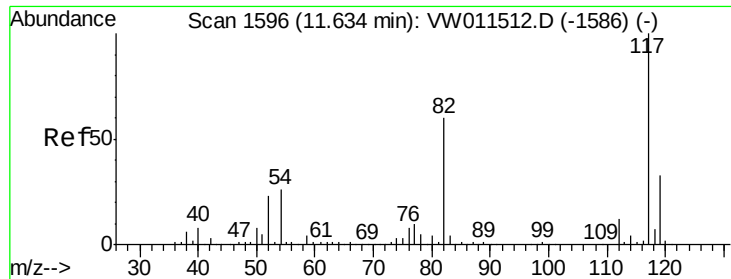
Tgt Ion: 107 Resp: 40637
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.089 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 95 Resp: 182524
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 150.2
 176 74.3 0.0 144.4

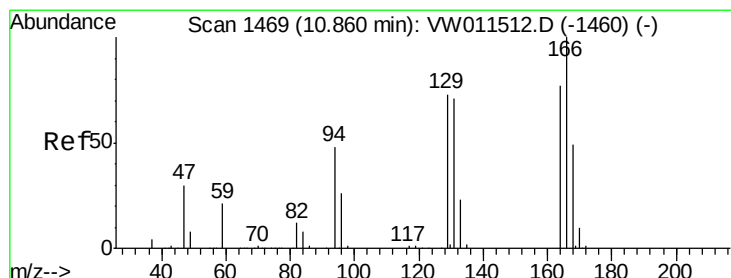
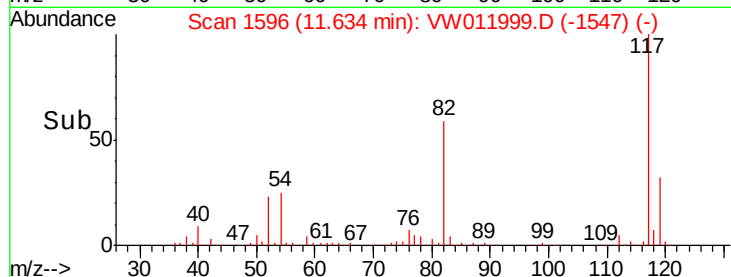
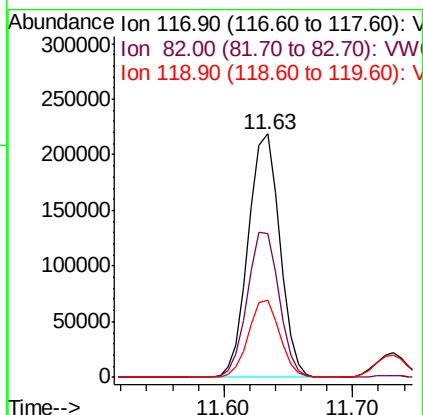
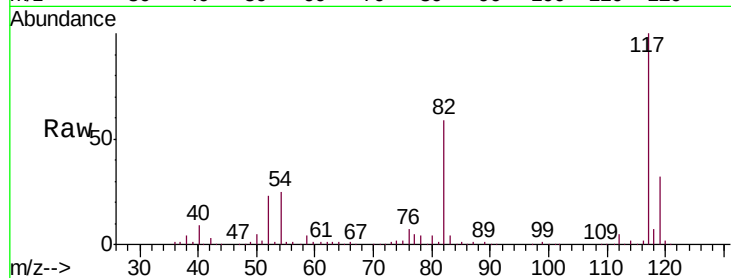




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

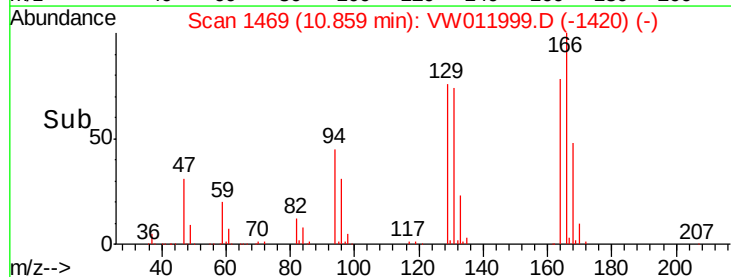
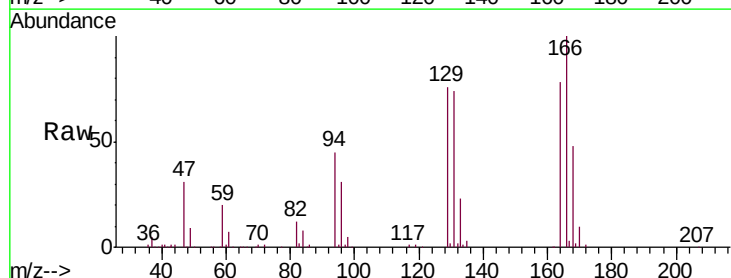
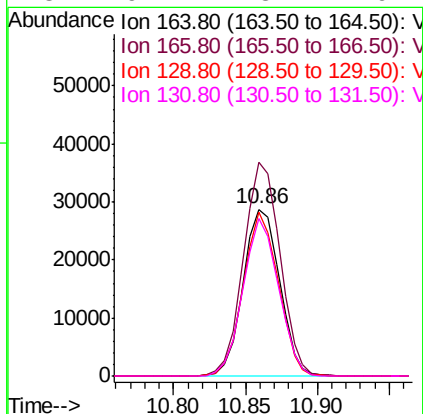
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

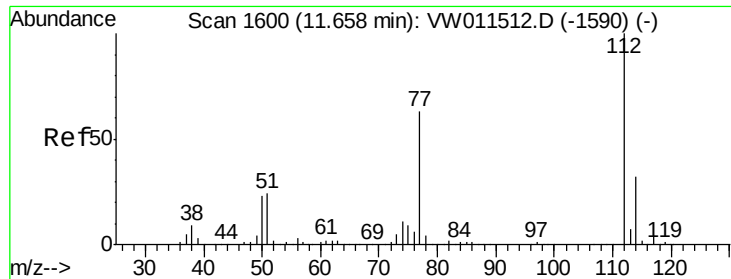
Tgt Ion:117 Resp: 370337
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 20.875 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion:164 Resp: 50335
Ion Ratio Lower Upper
164 100
166 128.2 103.5 155.3
129 98.0 75.2 112.8
131 94.7 73.4 110.2

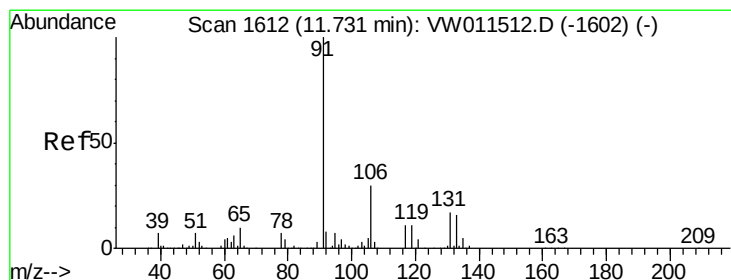
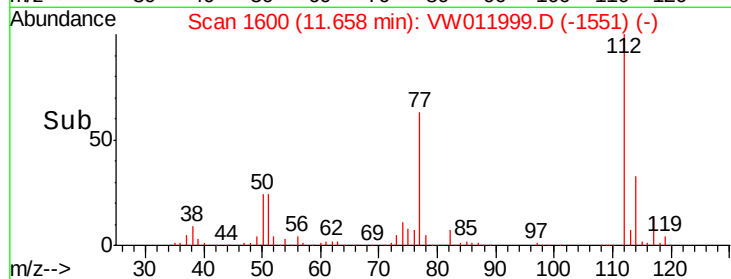
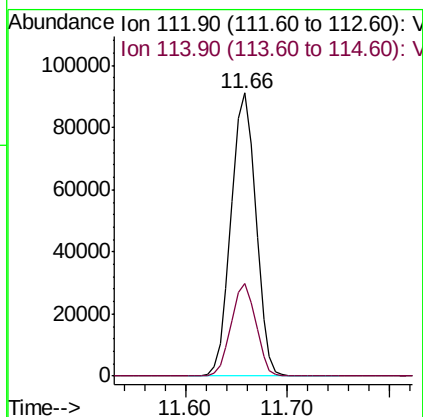
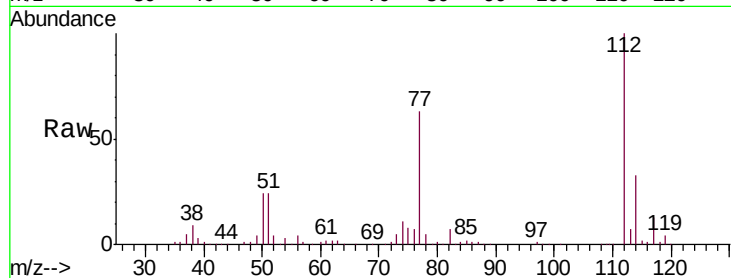




#65
Chlorobenzene
Concen: 20.604 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

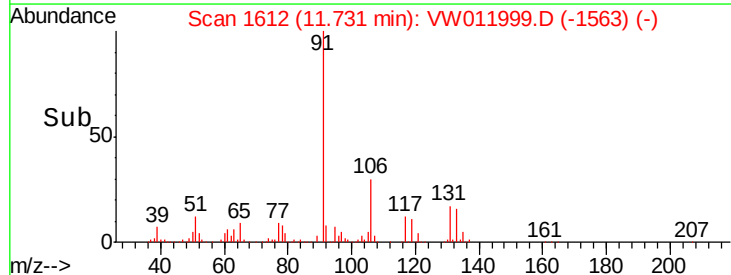
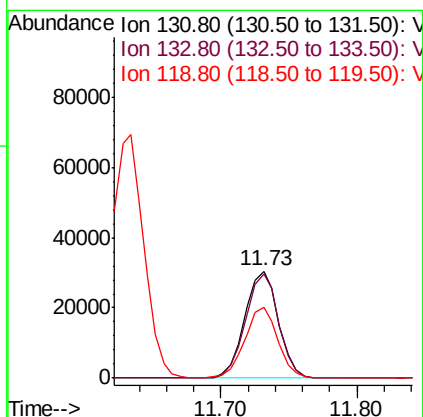
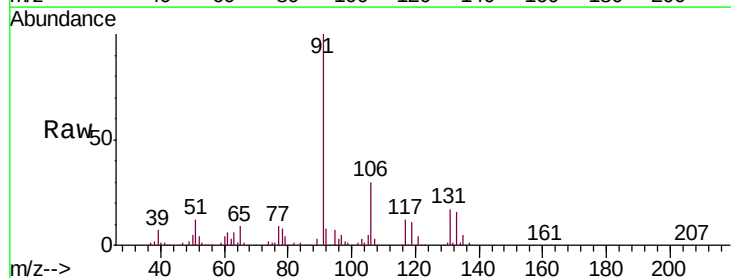
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

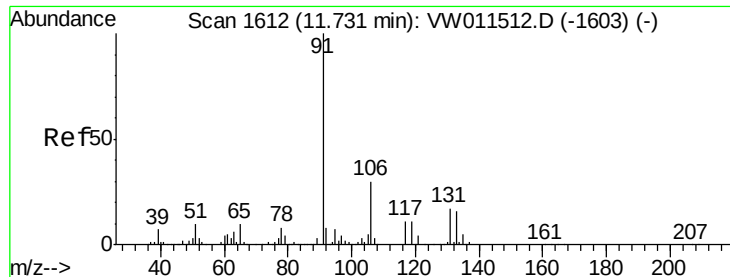
Tgt Ion:112 Resp: 153411
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.296 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion:131 Resp: 52636
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 20.548 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

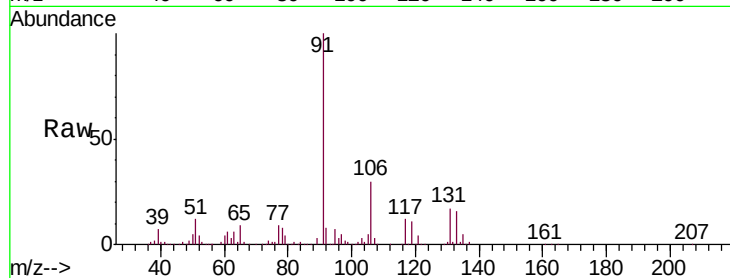
VW0819SBS02

Tgt Ion: 91 Resp: 291376

Ion Ratio Lower Upper

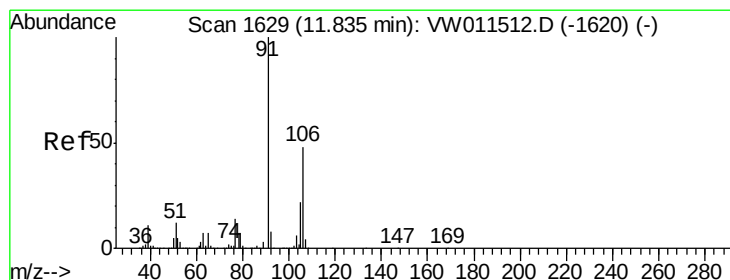
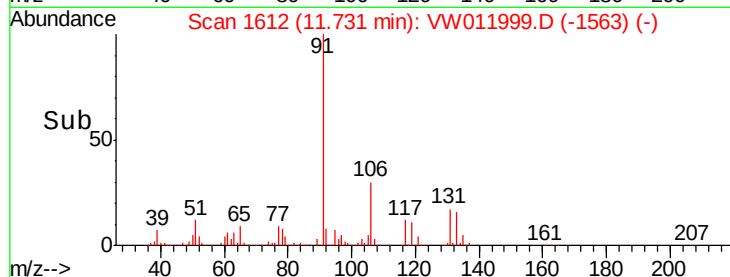
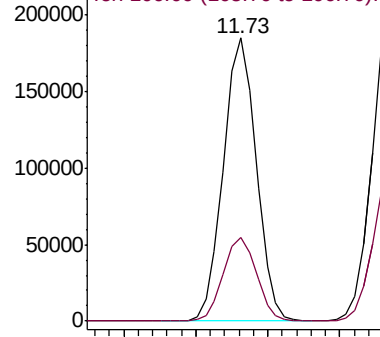
91 100

106 29.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.619 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW011999.D

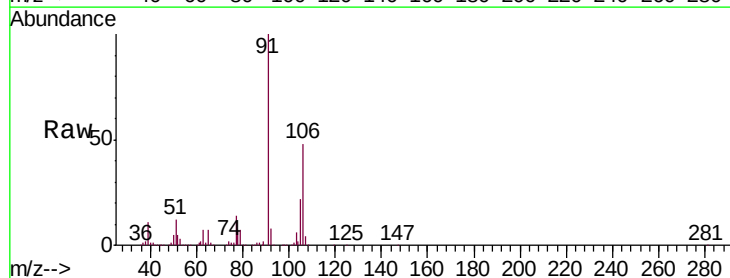
Acq: 19 Aug 2019 19:36

Tgt Ion: 106 Resp: 214628

Ion Ratio Lower Upper

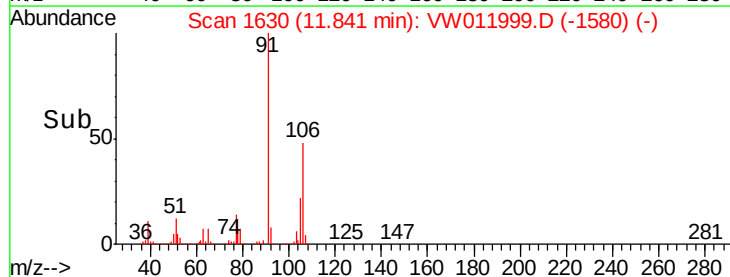
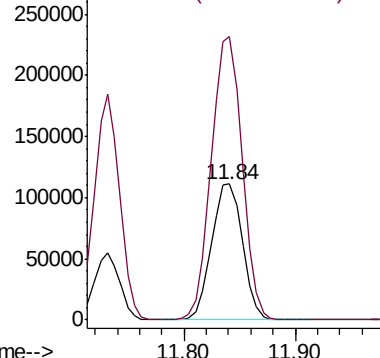
106 100

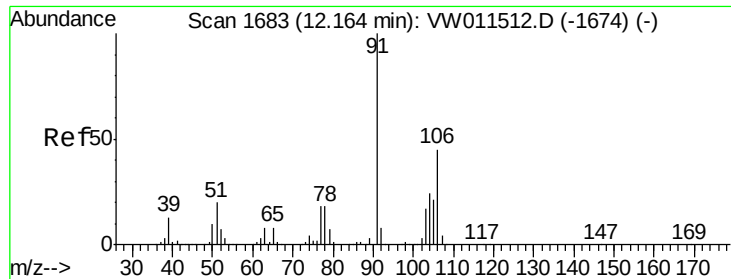
91 207.5 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

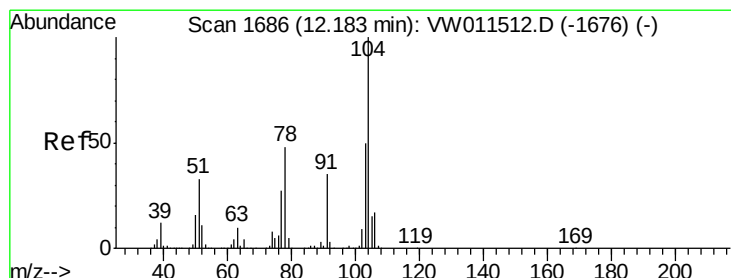
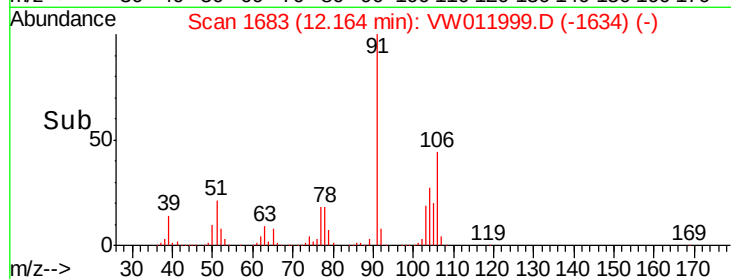
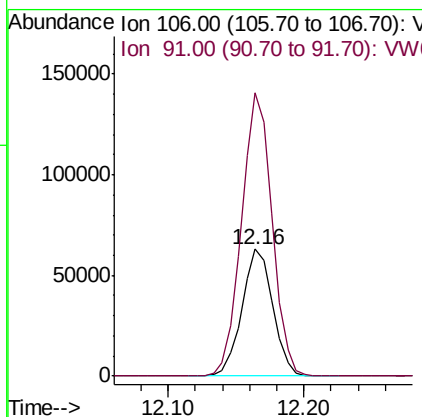
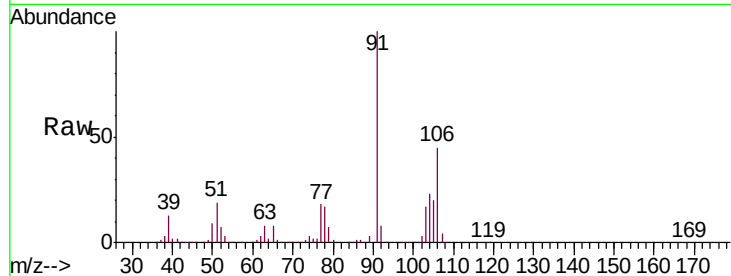




#69
o-Xylene
Concen: 20.914 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

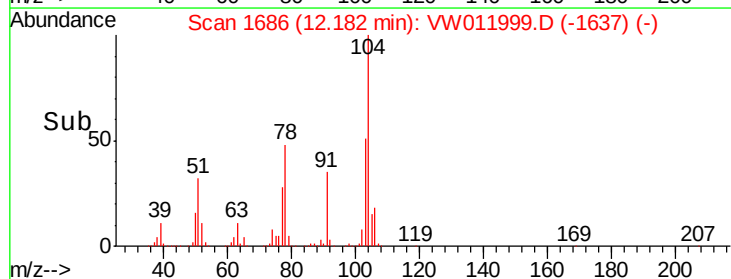
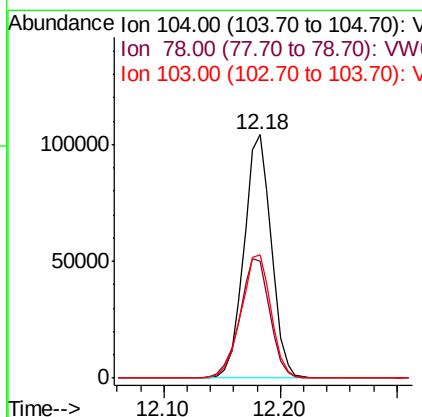
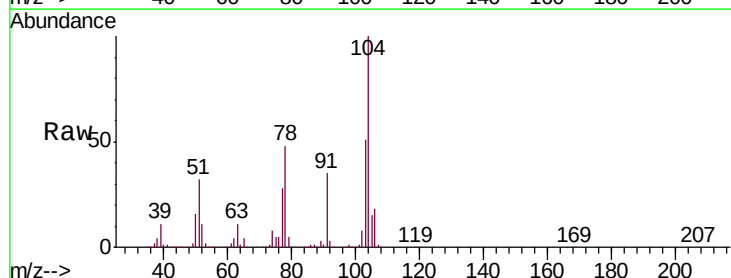
Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

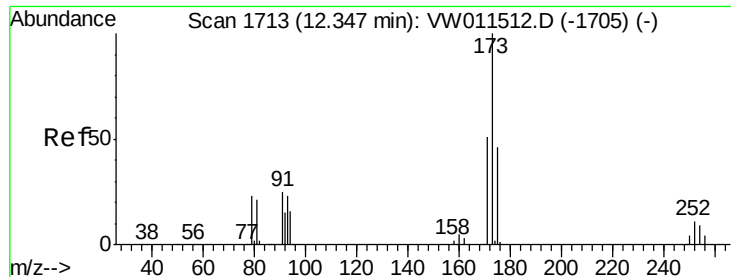
Tgt Ion:106 Resp: 100225
Ion Ratio Lower Upper
106 100
91 220.8 110.5 331.5



#70
Styrene
Concen: 20.596 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion:104 Resp: 170653
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.4 43.9 65.9





#71

Bromoform

Concen: 19.716 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

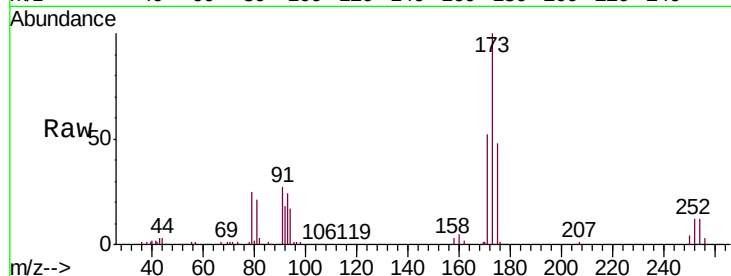
Tgt Ion:173 Resp: 26071

Ion Ratio Lower Upper

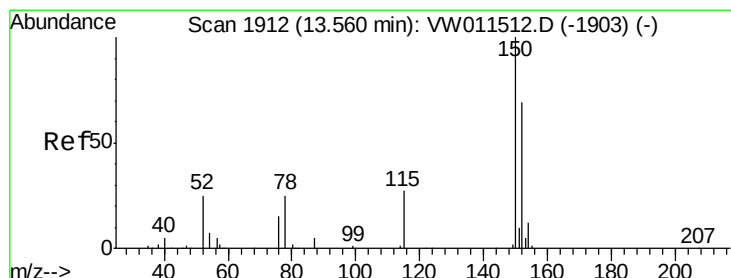
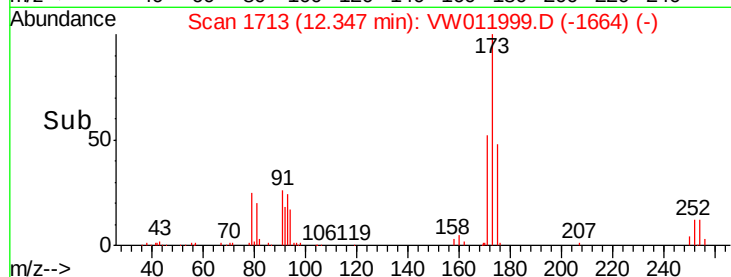
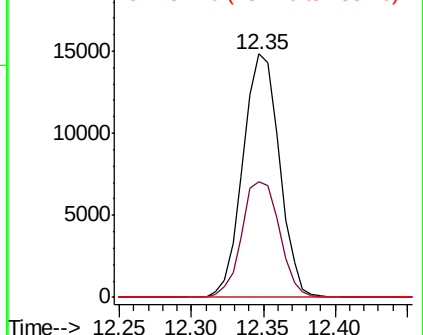
173 100

175 49.2 23.6 71.0

254 0.0 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: VW011999.D

Acq: 19 Aug 2019 19:36

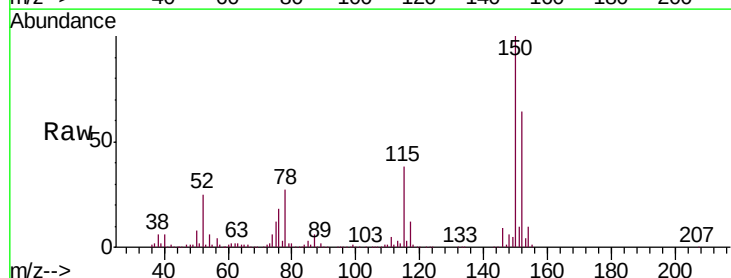
Tgt Ion:152 Resp: 176799

Ion Ratio Lower Upper

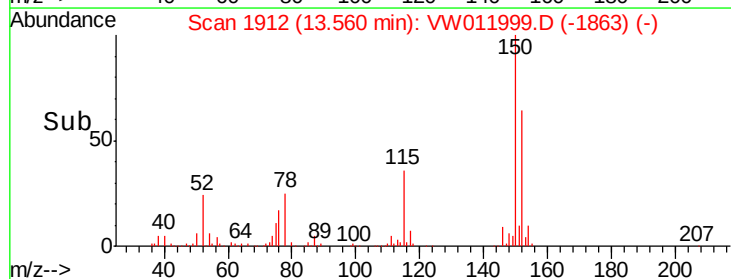
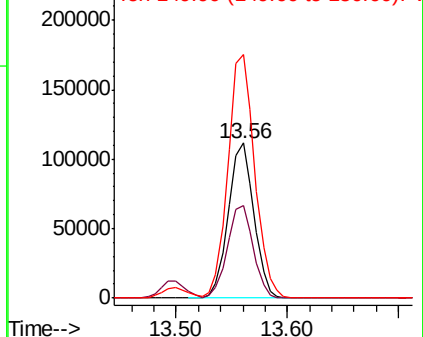
152 100

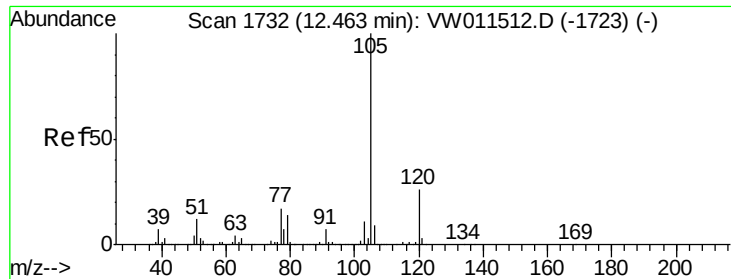
115 60.7 30.5 91.5

150 164.7 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: 20.941 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

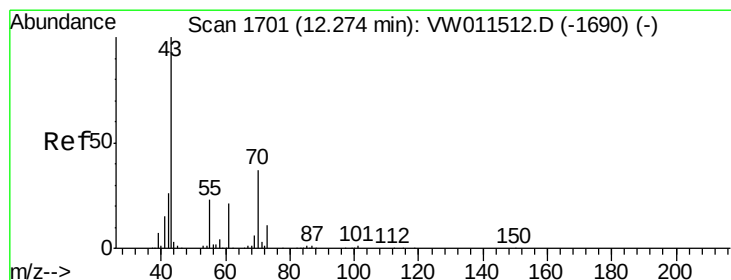
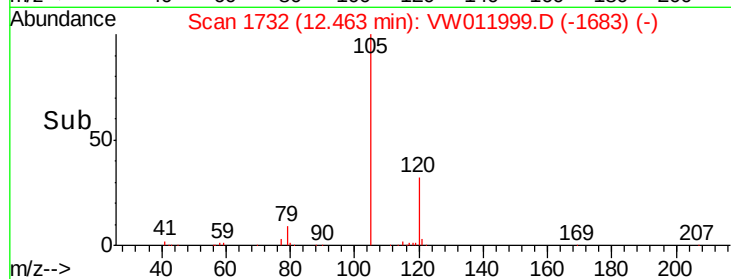
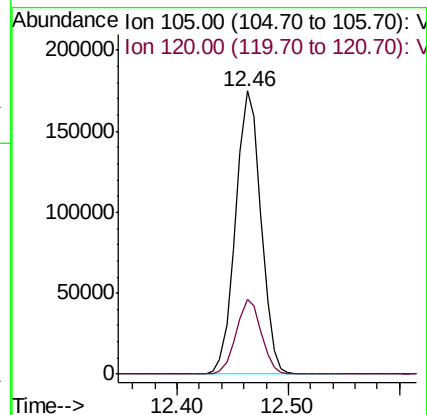
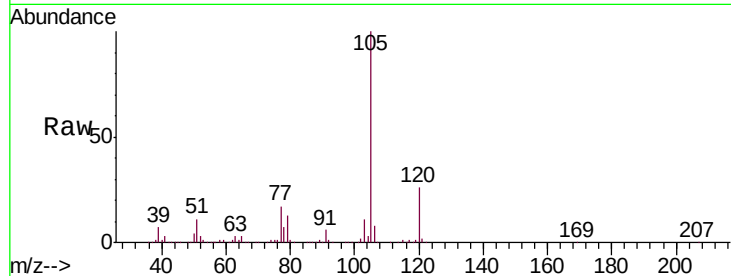
VW0819SBSD02

Tgt Ion: 105 Resp: 276207

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 20.022 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Tgt Ion: 43 Resp: 82677

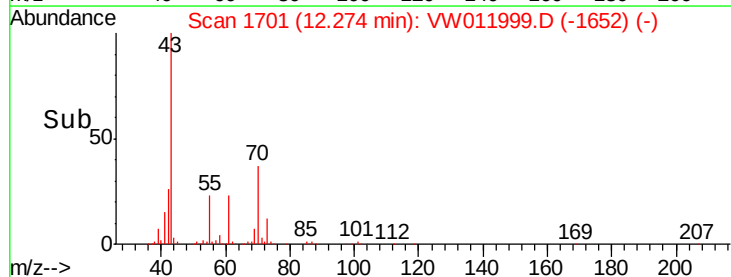
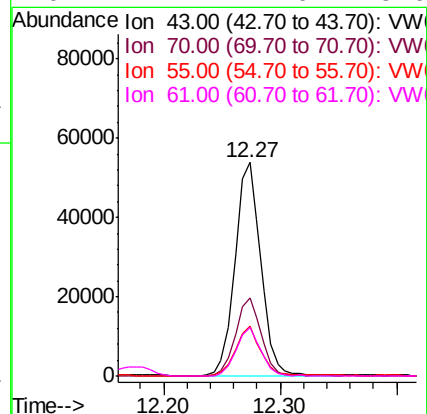
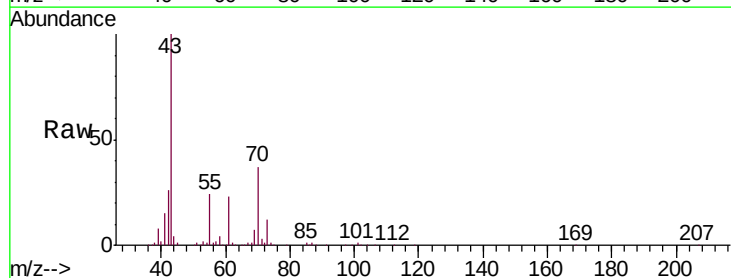
Ion Ratio Lower Upper

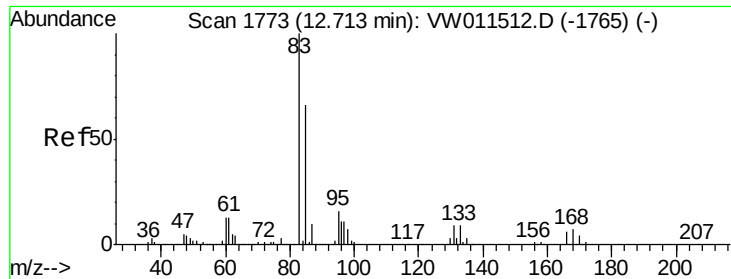
43 100

70 37.2 28.6 43.0

55 22.6 17.8 26.8

61 22.1 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.602 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

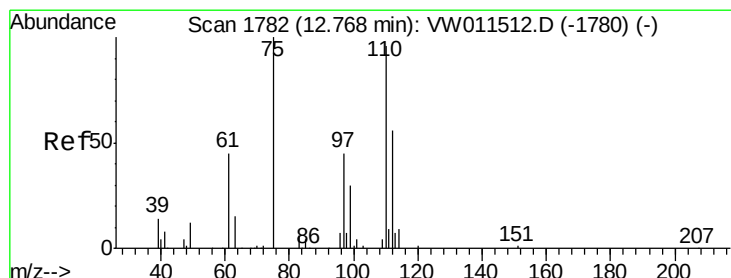
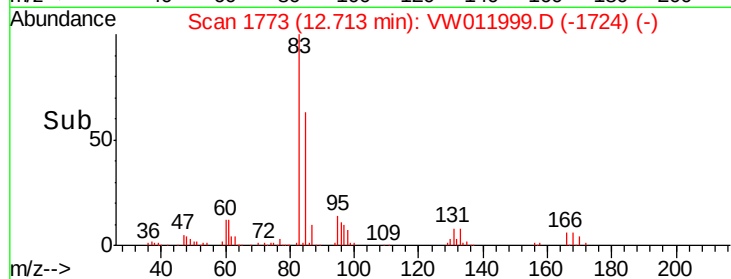
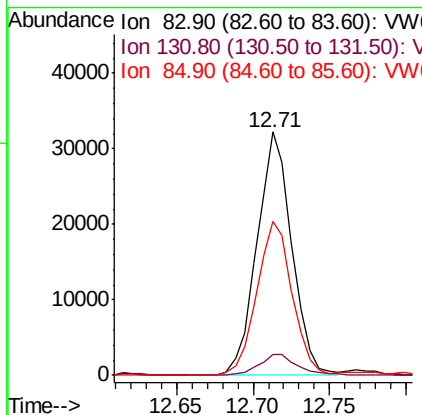
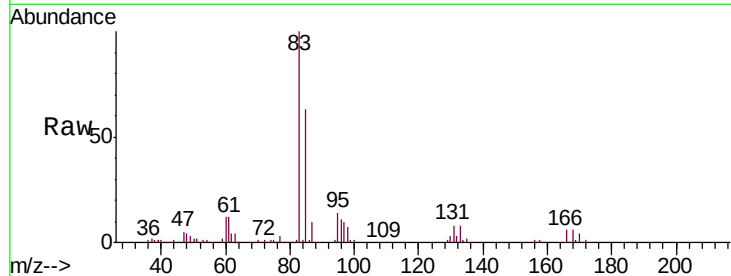
Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

Tgt Ion:	83	Resp:	51113
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.6
85	64.5	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 35.593 ug/l

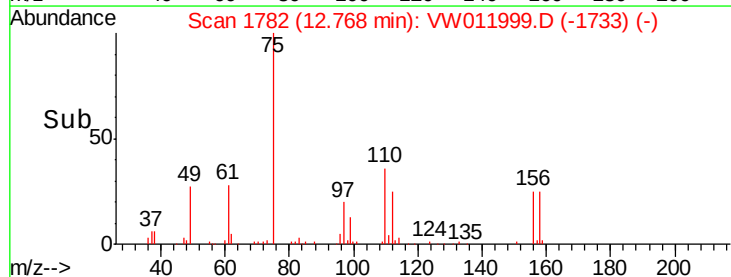
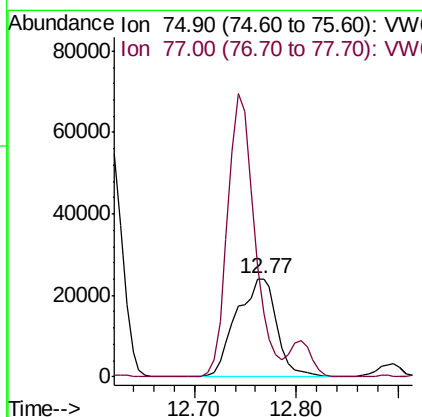
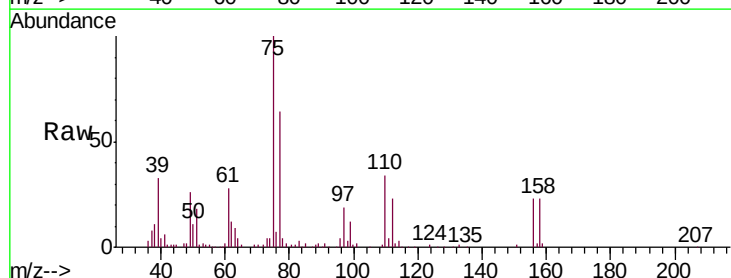
RT: 12.77 min Scan# 1782

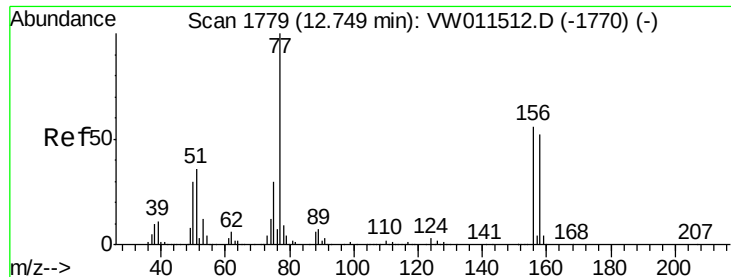
Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Tgt Ion:	75	Resp:	66586
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.867 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

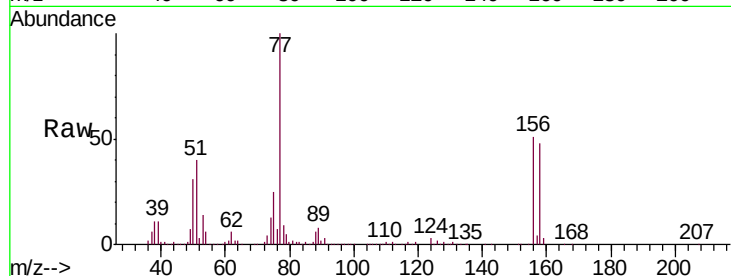
Tgt Ion:156 Resp: 60833

Ion Ratio Lower Upper

156 100

77 210.7 106.5 319.4

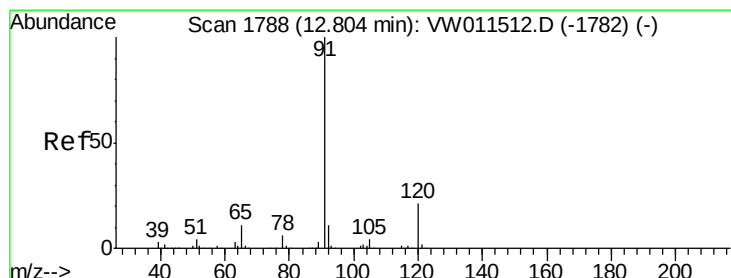
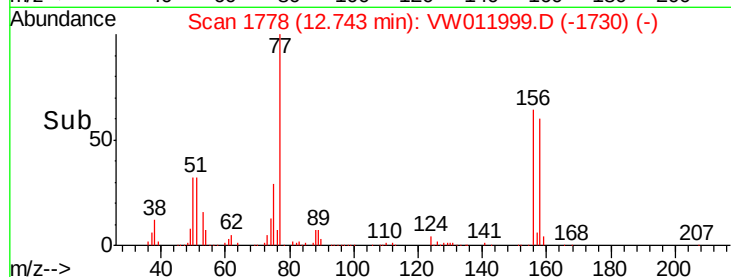
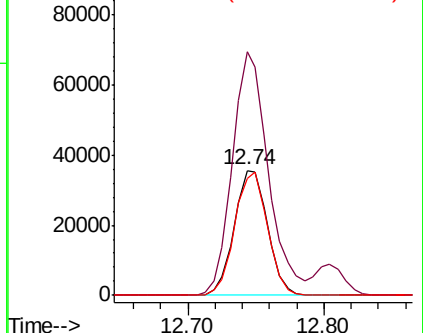
158 97.1 48.0 144.2



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: 20.959 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011999.D

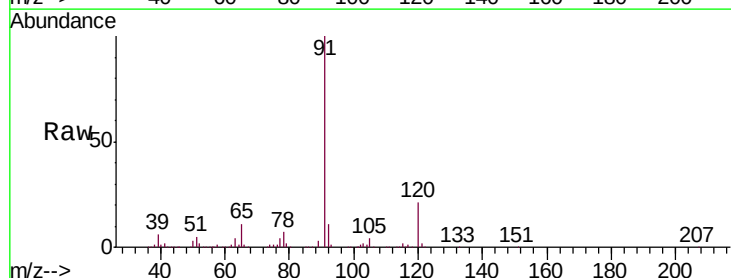
Acq: 19 Aug 2019 19:36

Tgt Ion: 91 Resp: 336423

Ion Ratio Lower Upper

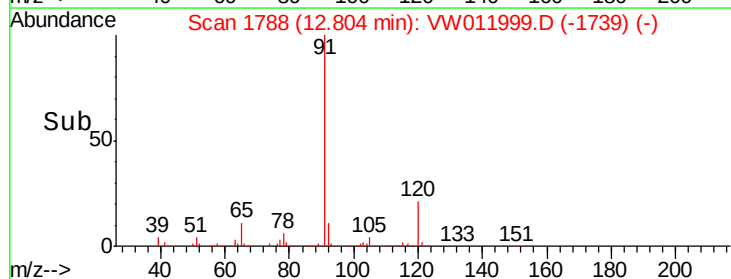
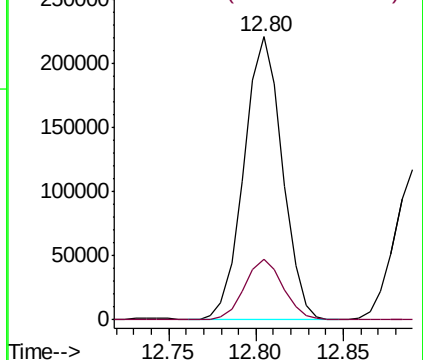
91 100

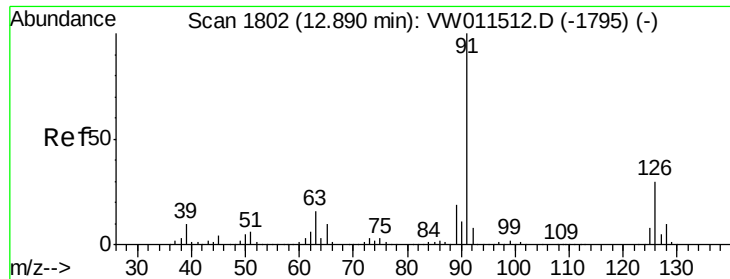
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.858 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

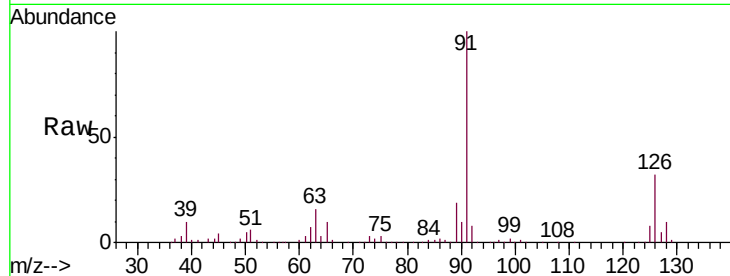
VW0819SBSD02

Tgt Ion: 91 Resp: 192885

Ion Ratio Lower Upper

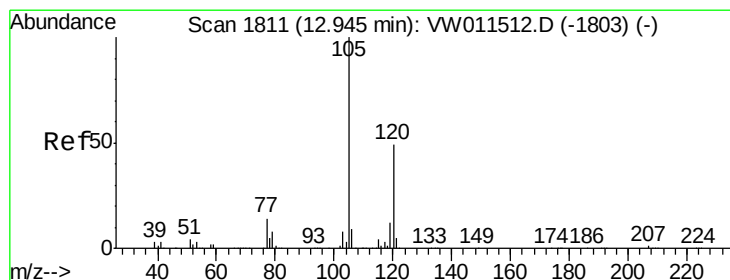
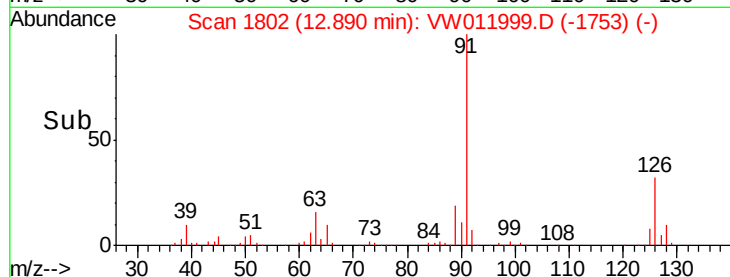
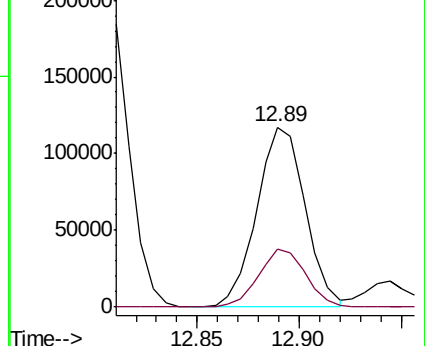
91 100

126 31.5 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.115 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011999.D

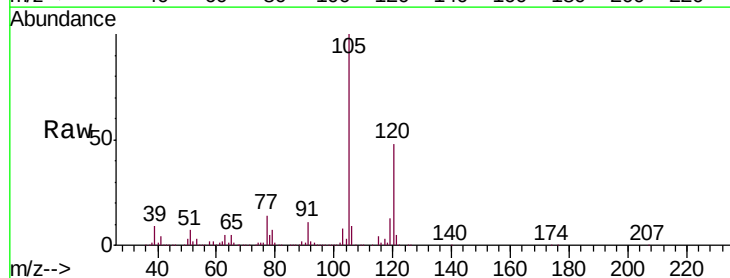
Acq: 19 Aug 2019 19:36

Tgt Ion: 105 Resp: 233451

Ion Ratio Lower Upper

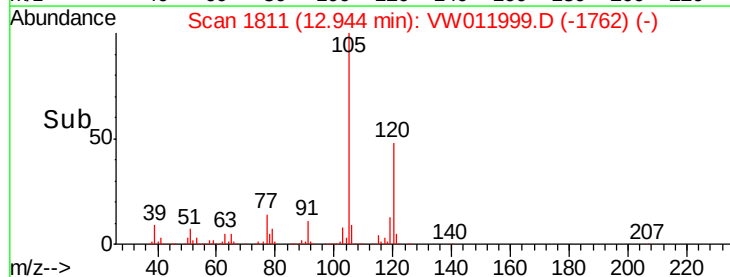
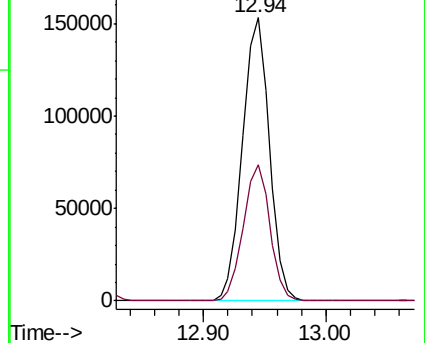
105 100

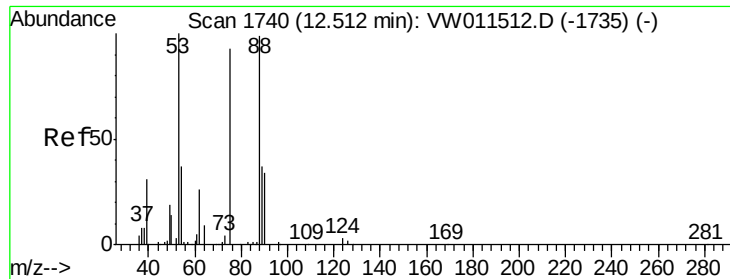
120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.236 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

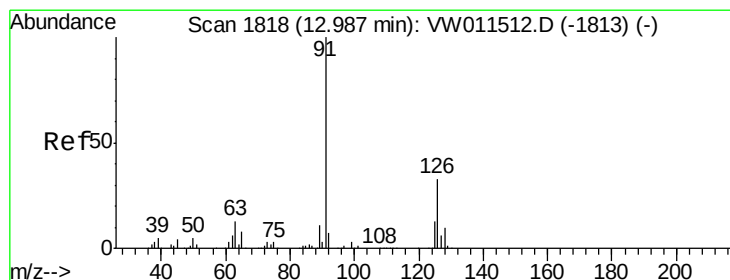
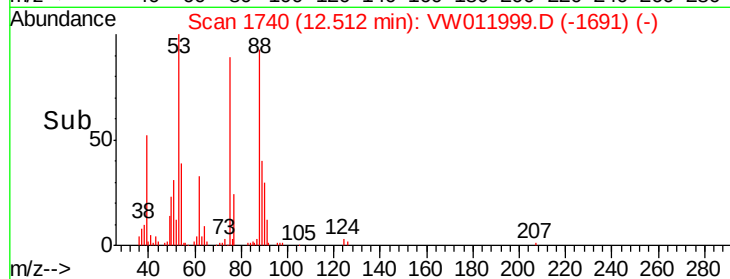
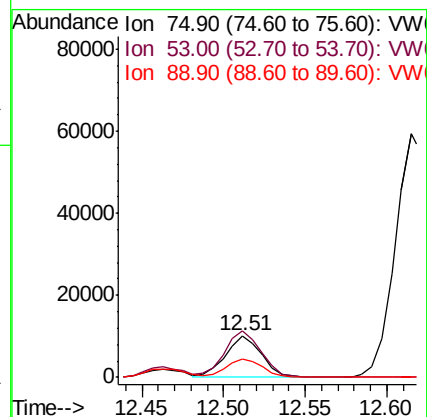
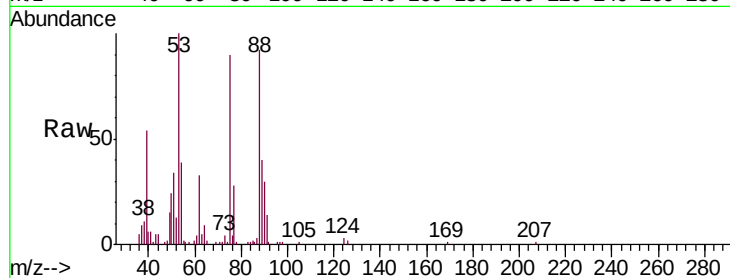
Tgt Ion: 75 Resp: 15614

Ion Ratio Lower Upper

75 100

53 116.4 88.0 132.0

89 43.8 35.3 52.9



#82

4-Chlorotoluene

Concen: 20.872 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011999.D

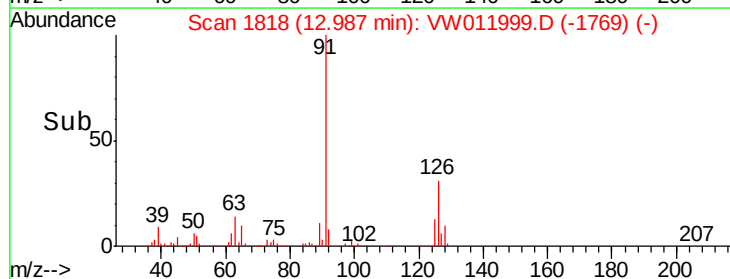
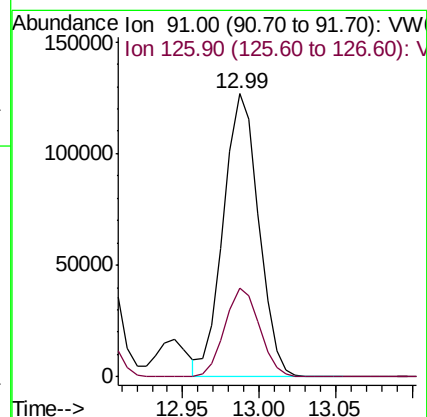
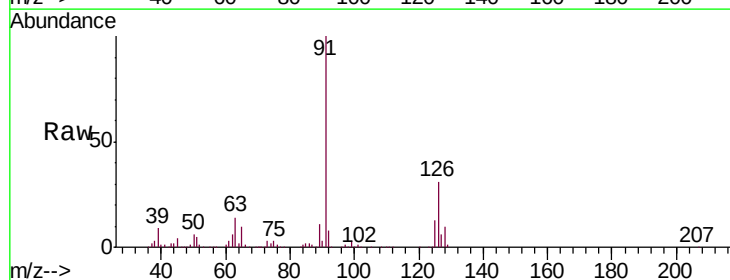
Acq: 19 Aug 2019 19:36

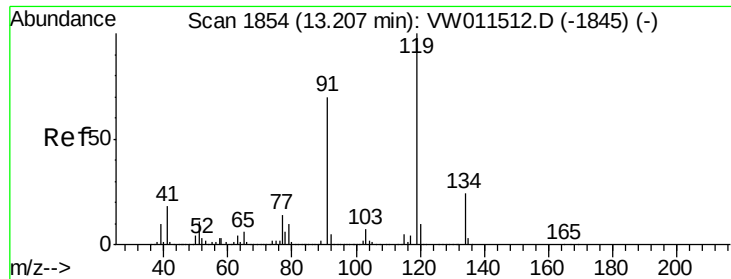
Tgt Ion: 91 Resp: 202510

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8

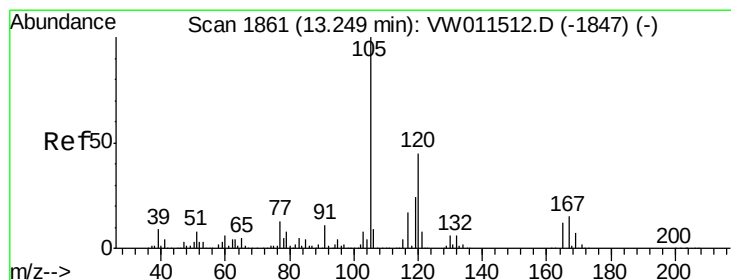
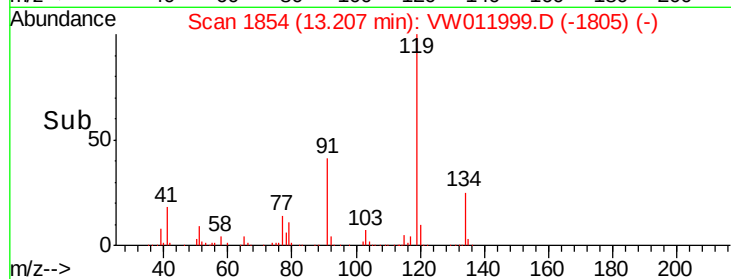
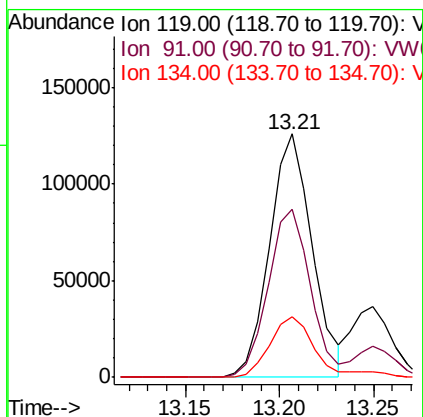
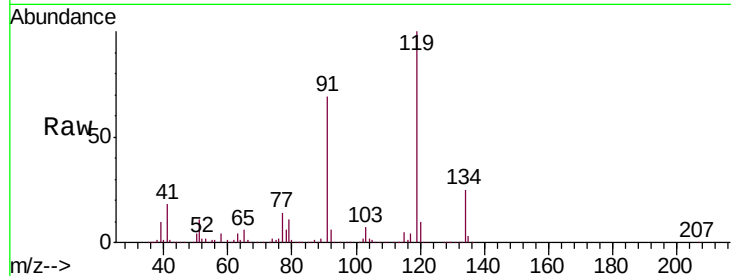




#83
 tert-Butylbenzene
 Concen: 21.363 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

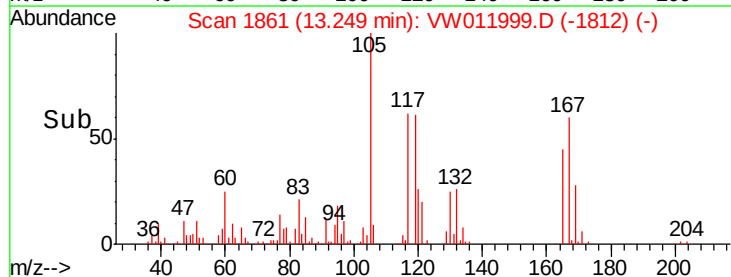
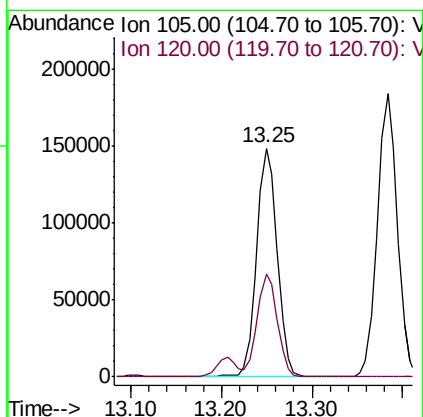
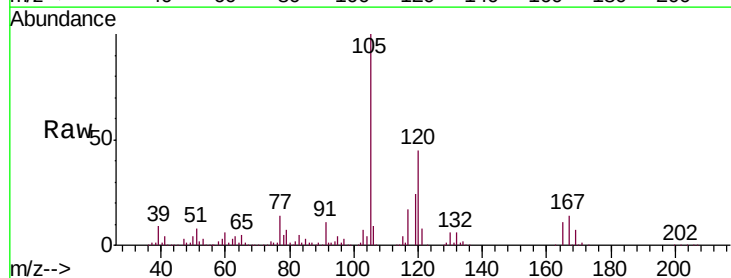
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

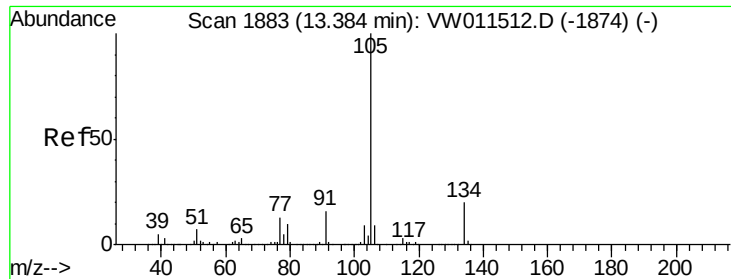
Tgt Ion:119 Resp: 197512
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.5 103.6
 134 25.2 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.979 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion:105 Resp: 233651
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5

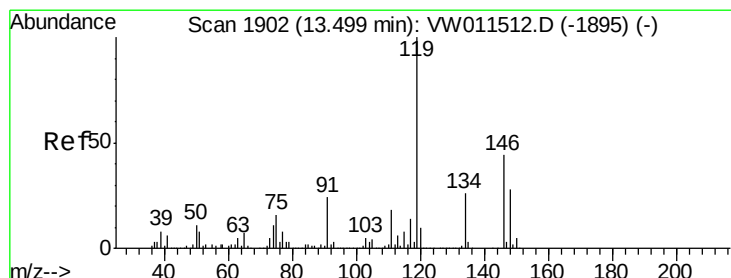
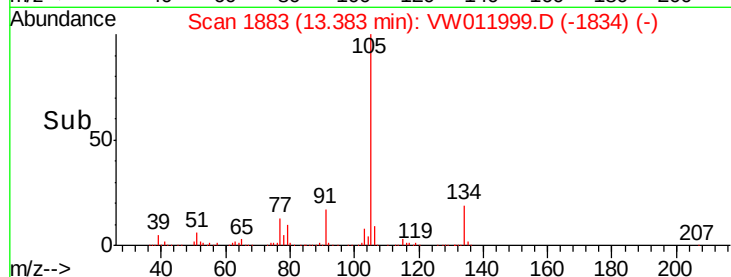
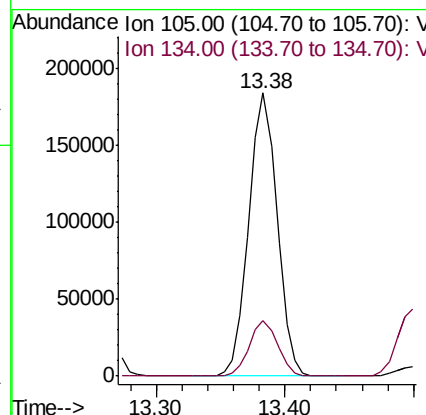
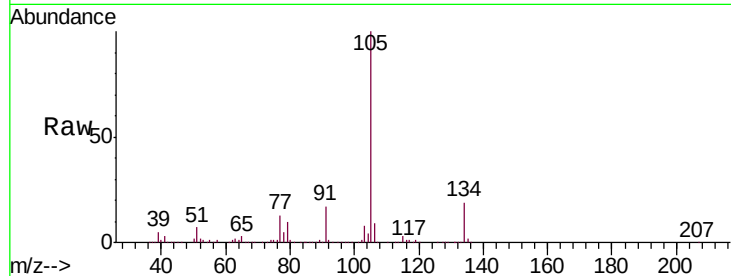




#85
 sec-Butylbenzene
 Concen: 21.200 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

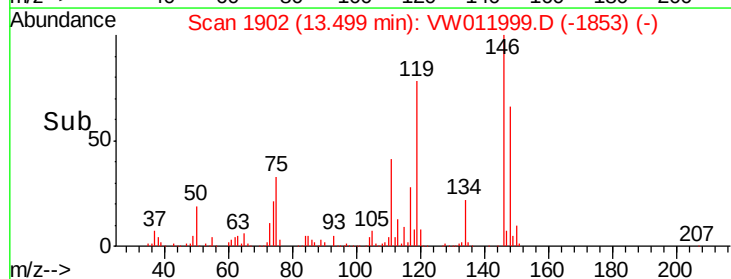
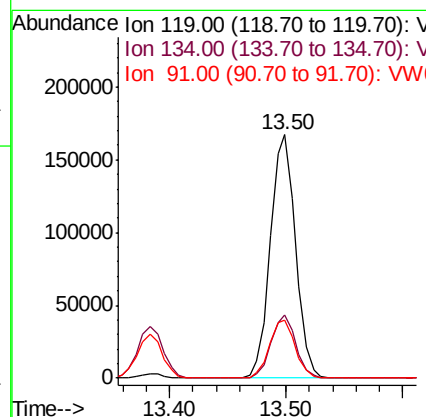
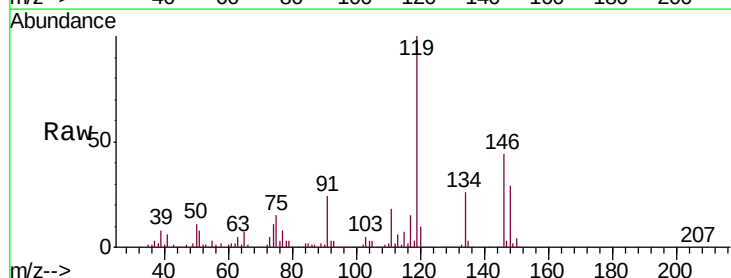
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

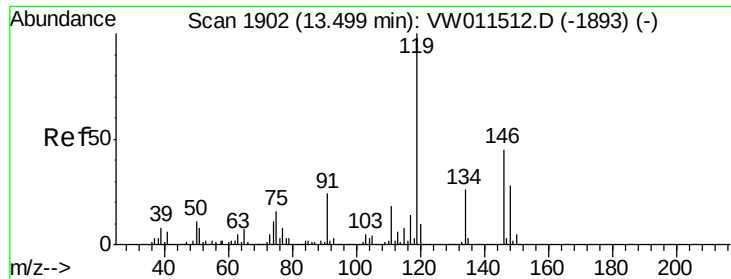
Tgt Ion:105 Resp: 279684
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.024 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion:119 Resp: 251654
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.1 12.1 36.3

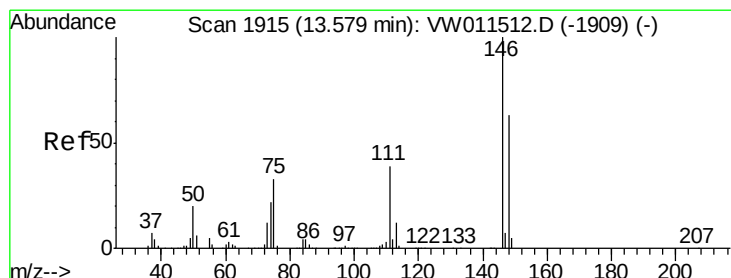
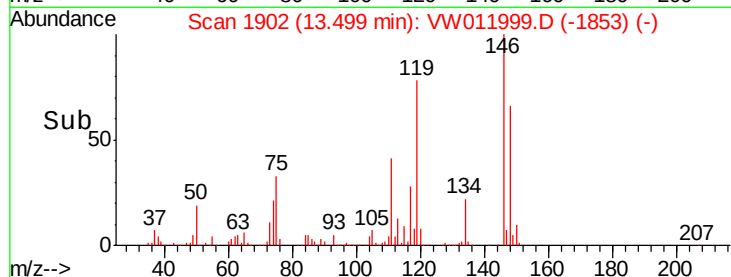
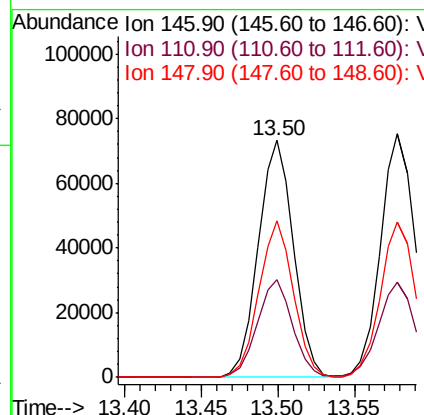
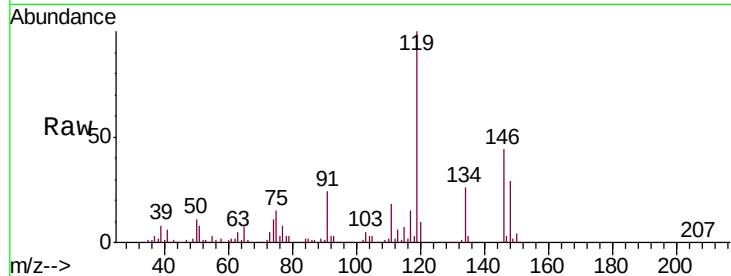




#87
 1,3-Dichlorobenzene
 Concen: 20.565 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

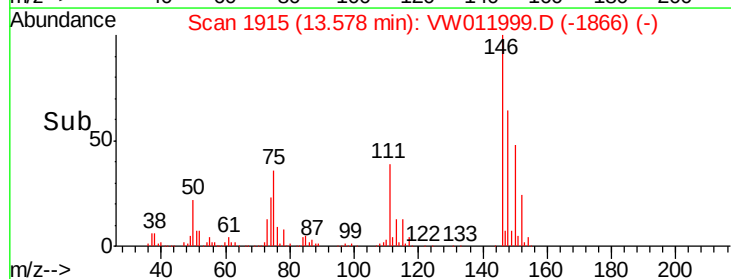
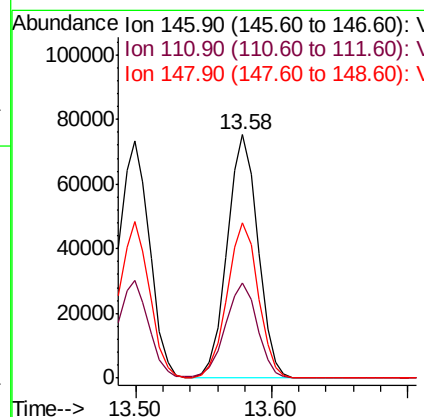
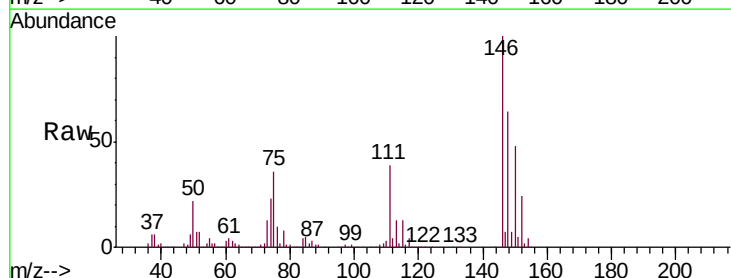
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

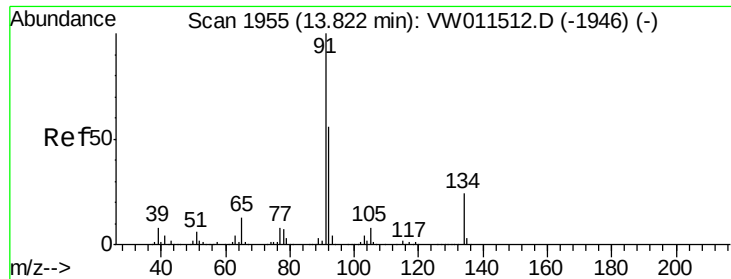
Tgt Ion:146 Resp: 117554
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.737 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion:146 Resp: 117919
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 20.573 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011999.D

Acq: 19 Aug 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBSD02

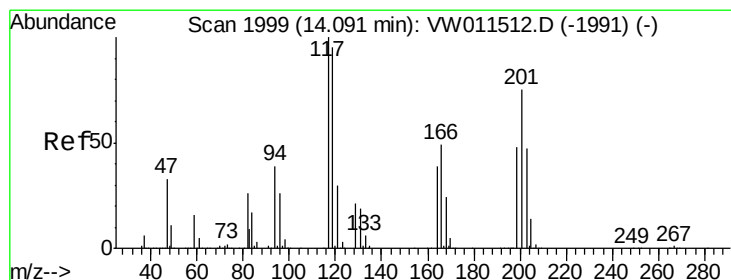
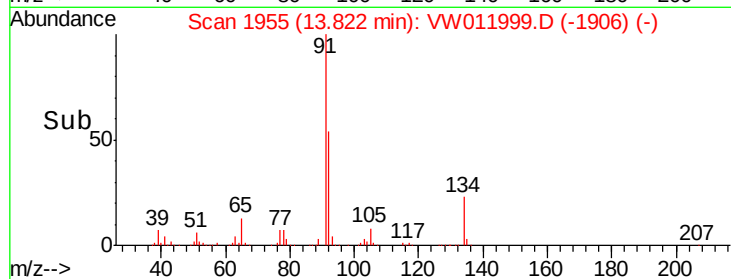
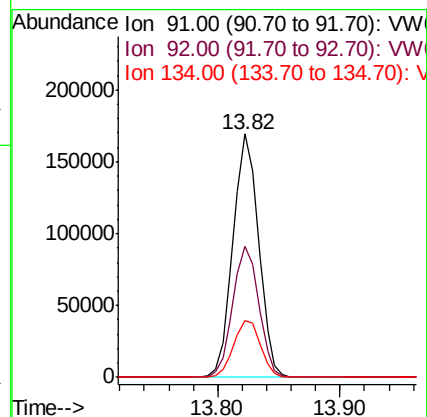
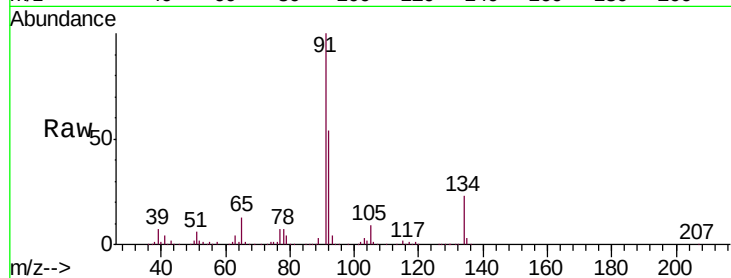
Tgt Ion: 91 Resp: 245749

Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

134 24.3 12.2 36.6



#90

Hexachloroethane

Concen: 20.413 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011999.D

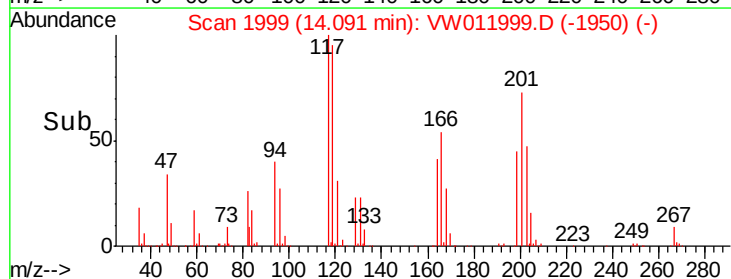
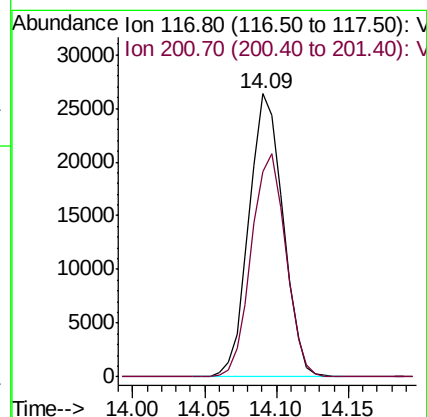
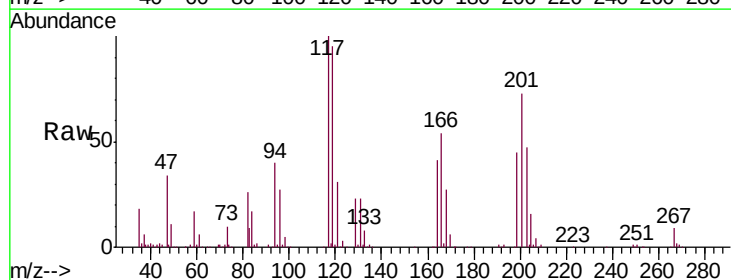
Acq: 19 Aug 2019 19:36

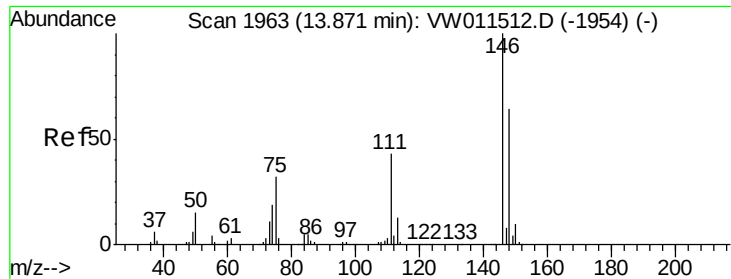
Tgt Ion: 117 Resp: 43206

Ion Ratio Lower Upper

117 100

201 79.6 39.4 118.2

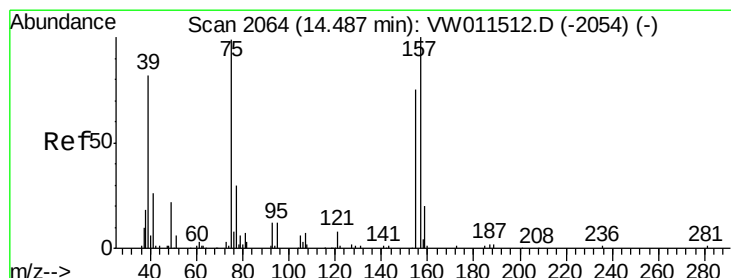
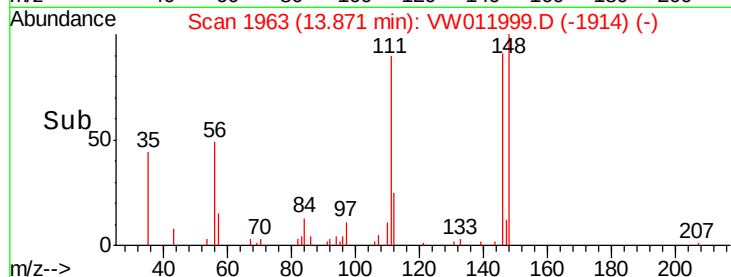
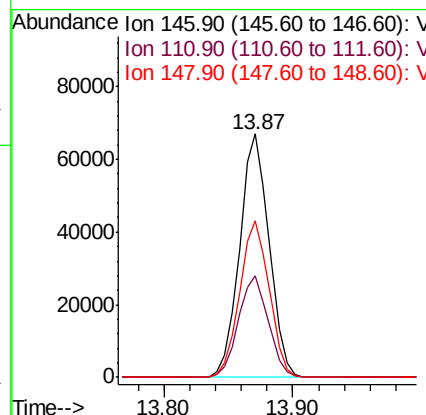
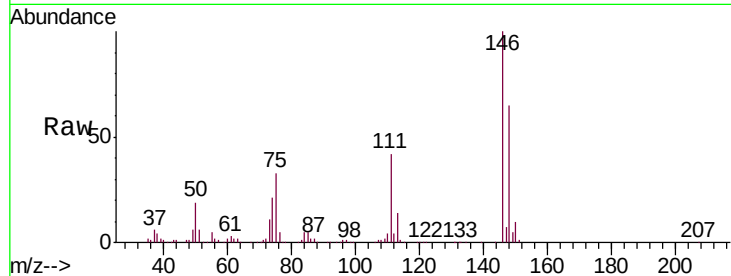




#91
 1,2-Dichlorobenzene
 Concen: 20.962 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

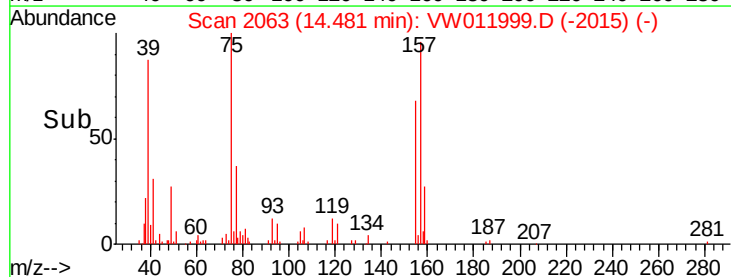
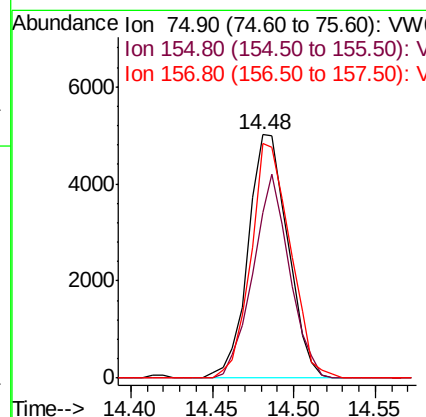
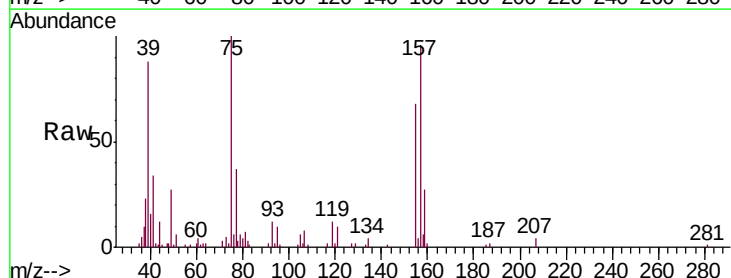
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

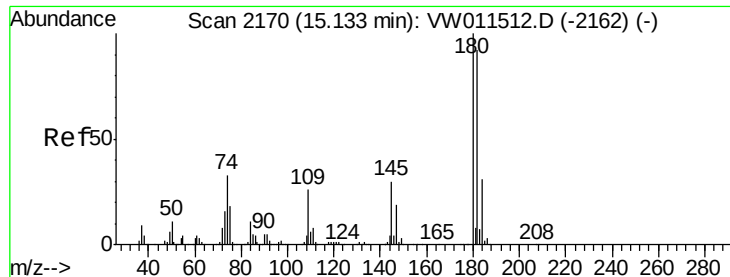
Tgt Ion:146 Resp: 105979
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.6 65.0
 148 64.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.065 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion: 75 Resp: 8489
 Ion Ratio Lower Upper
 75 100
 155 77.0 38.2 114.6
 157 96.2 48.9 146.7

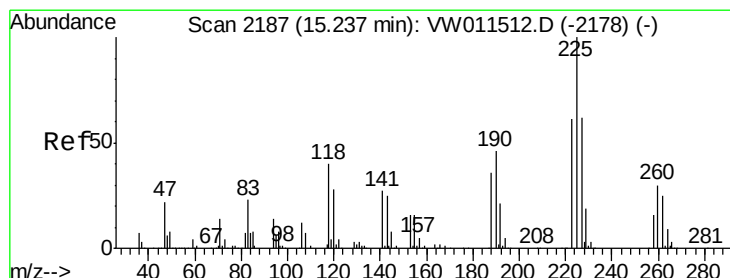
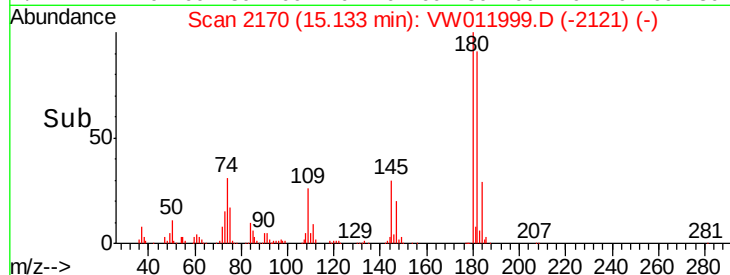
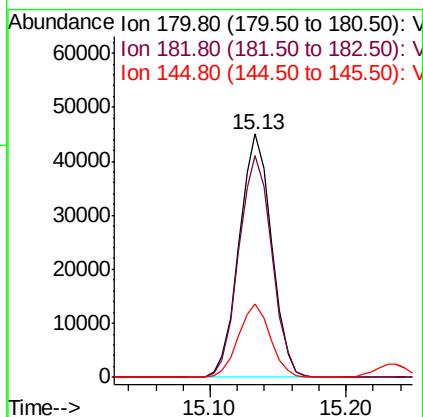
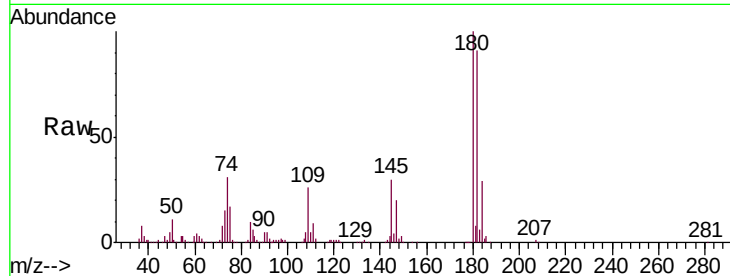




#93
 1,2,4-Trichlorobenzene
 Concen: 21.059 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

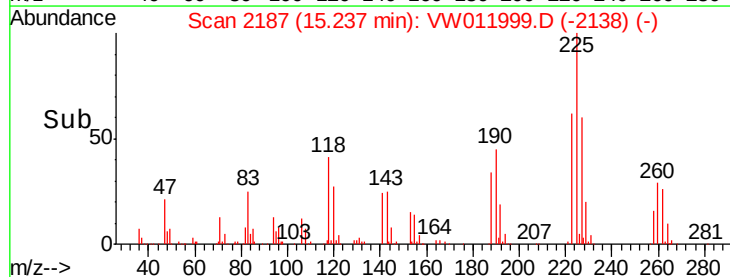
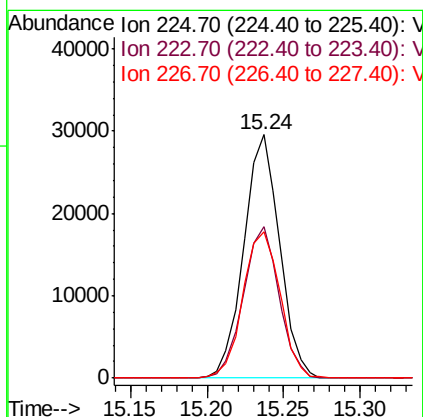
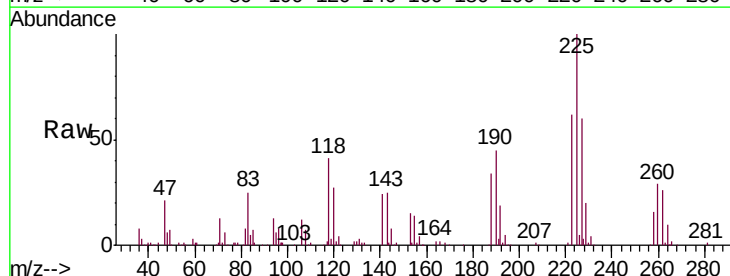
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBSD02

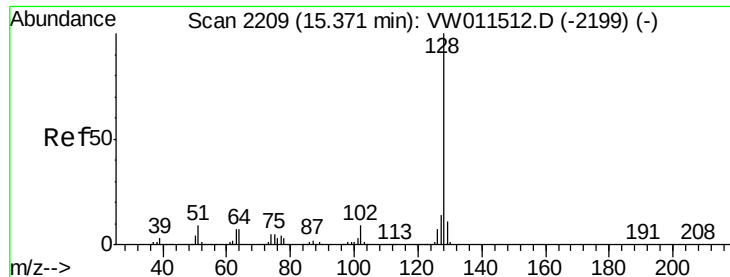
Tgt Ion:180 Resp: 75038
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.4 142.2
 145 29.8 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 21.636 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011999.D
 Acq: 19 Aug 2019 19:36

Tgt Ion:225 Resp: 48077
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.8 92.3
 227 62.7 31.6 94.7

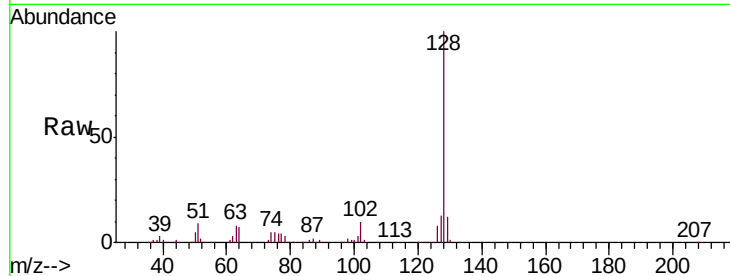




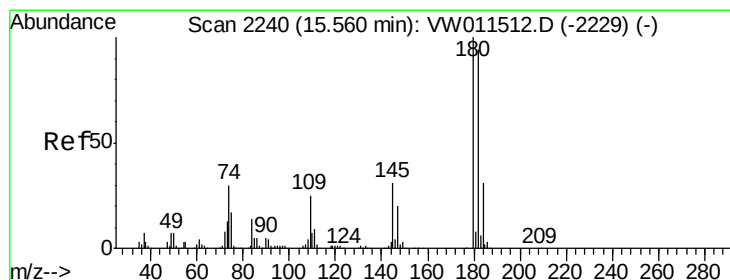
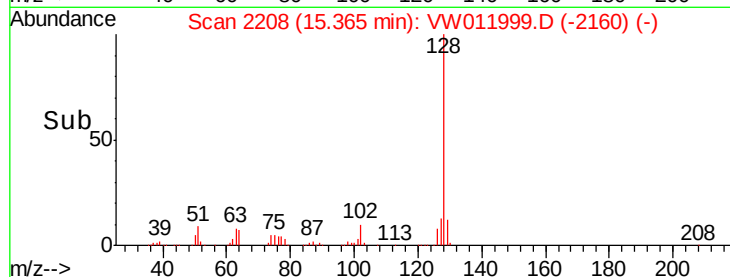
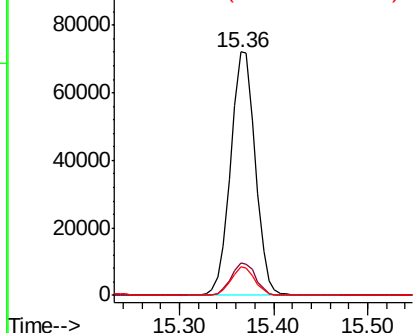
#95
Naphthalene
Concen: 20.146 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBSD02

Tgt Ion:128 Resp: 131633
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0

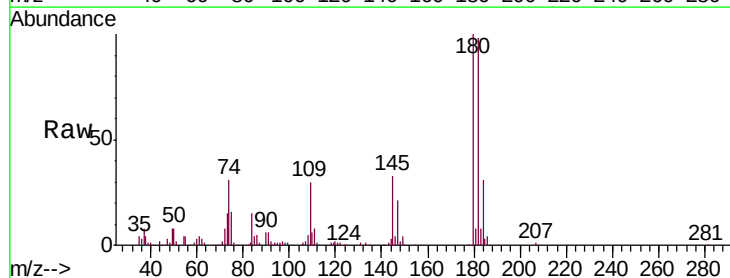


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.976 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011999.D
Acq: 19 Aug 2019 19:36

Tgt Ion:180 Resp: 65516
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.4 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

