

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
 Data File : VW012228.D
 Acq On : 28 Aug 2019 02:24
 Operator : SY/VA
 Sample : K4451-01RE
 Misc : 7.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

Quant Time: Aug 28 05:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151430	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	123035	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	554474	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.62	95	189124	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	226	1.266	ug/l #	71
15) Acrylonitrile	5.43	53	732	1.063	ug/l #	40
16) Acetone	4.14	43	3583	4.725	ug/l #	88
20) Methylene Chloride	4.92	84	12693	4.428	ug/l	97
25) 2-Butanone	7.13	43	1374	1.333	ug/l #	82
29) Tetrahydrofuran	7.54	42	1250	2.022	ug/l #	86
31) Cyclohexane	7.95	56	36337	6.801	ug/l #	83
36) 1,1-Dichloropropene	7.95	75	22105	5.141	ug/l #	52
38) Carbon Tetrachloride	7.95	117	25030	6.725	ug/l #	17
39) Methylcyclohexane	9.34	83	242859	50.275	ug/l	97
43) Isopropyl Acetate	8.43	43	27220	6.237	ug/l #	55
47) Bromodichloromethane	9.61	83	6244	1.669	ug/l #	65
48) Methyl methacrylate	9.38	41	40699	19.592	ug/l #	36
51) 4-Methyl-2-Pentanone	10.10	43	517337	233.038	ug/l #	44
55) 1,1,2-Trichloroethane	10.76	97	180059	90.517	ug/l #	21
56) Ethyl methacrylate	10.66	69	72705	25.113	ug/l #	8
59) 2-Hexanone	10.93	43	428058	272.515	ug/l #	33
67) Ethyl Benzene	11.73	91	21094	1.699	ug/l	100
73) Isopropylbenzene	12.46	105	362921	35.310	ug/l	99
74) N-amyl acetate	12.25	43	664989	214.144	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.69	83	24745	13.132	ug/l #	6
76) 1,2,3-Trichloropropane	12.80	75	2517	1.884	ug/l #	100
78) n-propylbenzene	12.80	91	355497	28.332	ug/l	100
79) 2-Chlorotoluene	12.90	91	71978	10.104	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	517172	60.217	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	4588	7.530	ug/l #	56
82) 4-Chlorotoluene	12.94	91	68110	9.131	ug/l #	68
83) tert-Butylbenzene	13.21	119	34381	4.726	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.25	105	156284	18.115	ug/l	99
85) sec-Butylbenzene	13.38	105	1208806	115.976	ug/l	91
86) p-Isopropyltoluene	13.50	119	431934	46.403	ug/l	99
89) n-Butylbenzene	13.82	91	843290	91.102	ug/l #	69
90) Hexachloroethane	14.10	117	239919	146.910	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.50	75	11489	36.167	ug/l #	29

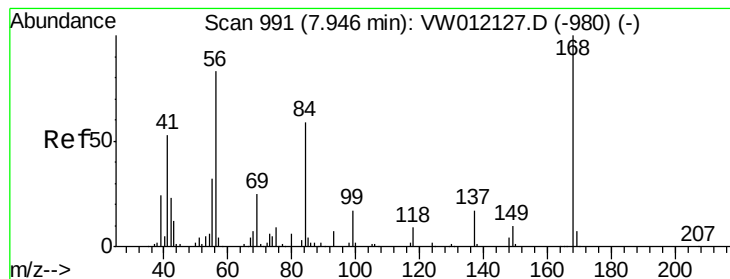
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	12030	4.563	ug/l #	1
95) Naphthalene	15.33	128	66795	16.115	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.58	180	13418	5.833	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

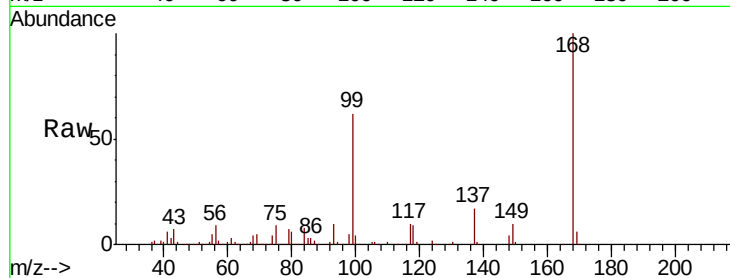
B-1

Tgt Ion:168 Resp: 249539

Ion Ratio Lower Upper

168 100

99 62.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

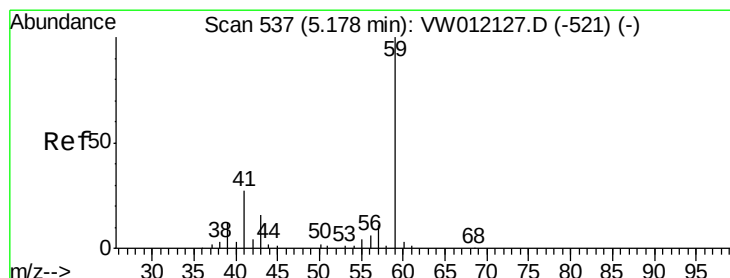
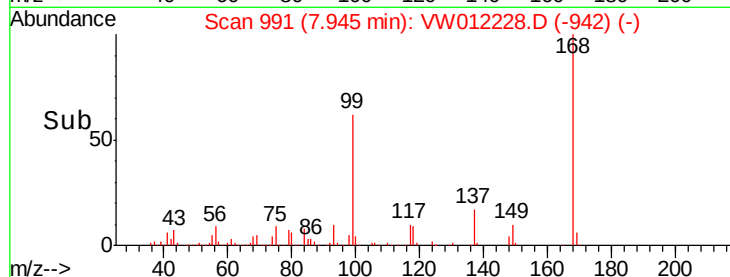
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.266 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW012228.D

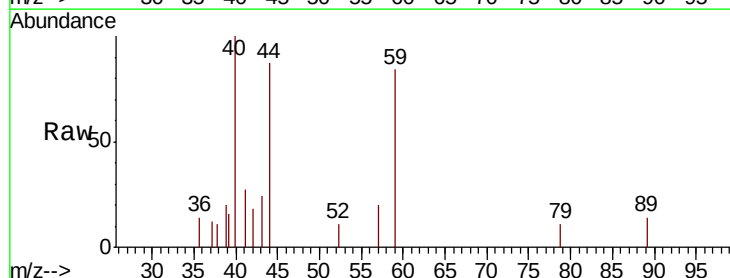
Acq: 28 Aug 2019 02:24

Tgt Ion: 59 Resp: 226

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

500

400

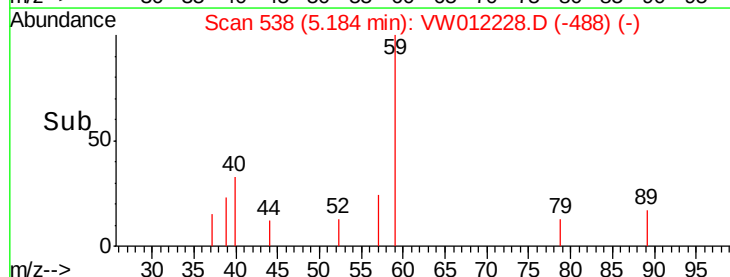
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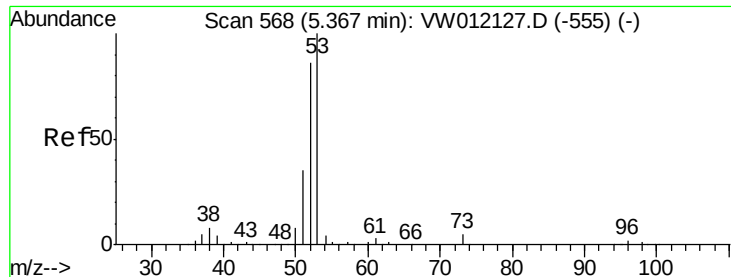
200

100

0

Time--> 5.16 5.18 5.20 5.22





#15

Acrylonitrile

Concen: 1.063 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.06 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :
MSVOA_W
ClientSampled :
B-1

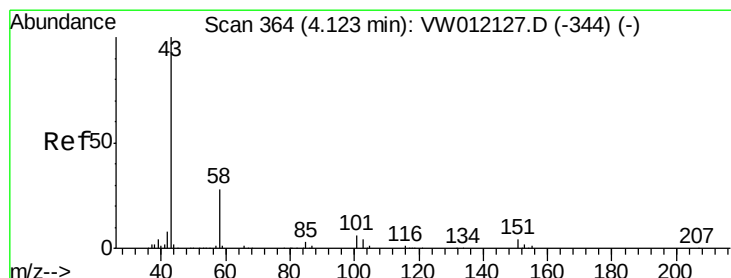
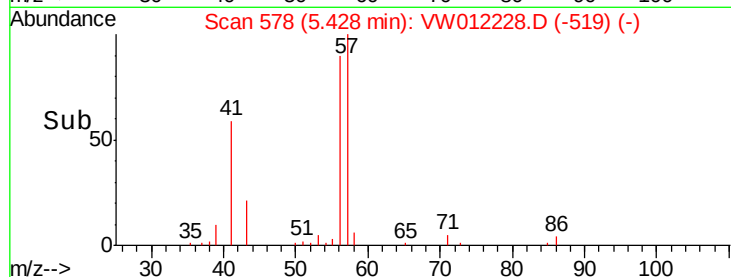
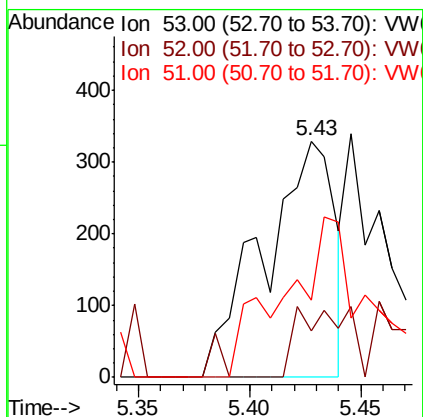
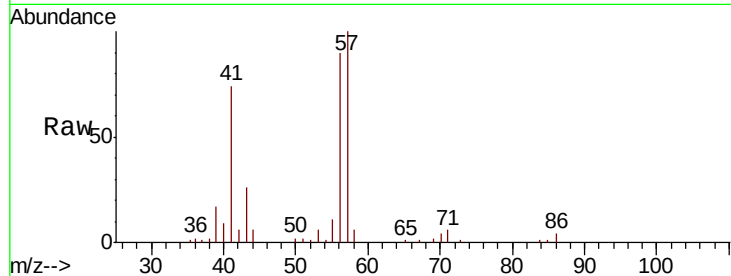
Tgt Ion: 53 Resp: 732

Ion Ratio Lower Upper

53 100

52 21.2 66.7 100.1#

51 61.2 30.1 45.1#



#16

Acetone

Concen: 4.725 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012228.D

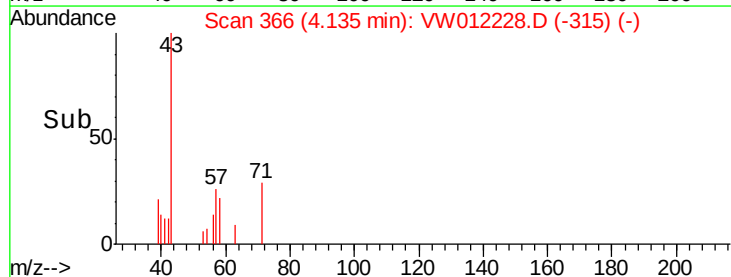
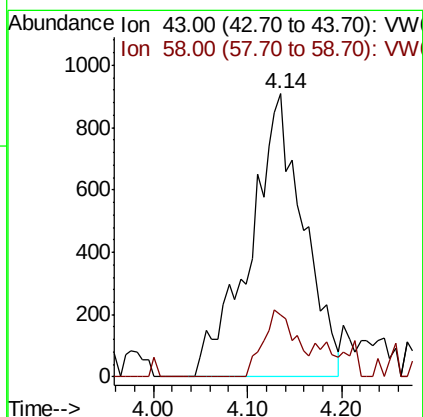
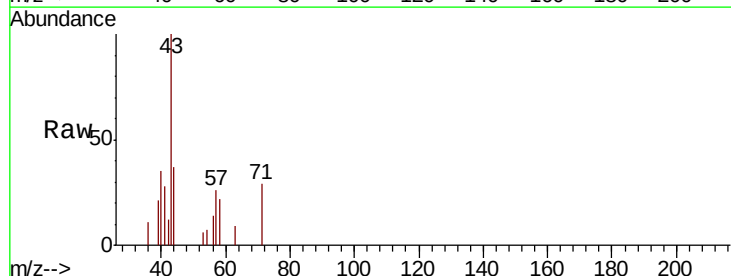
Acq: 28 Aug 2019 02:24

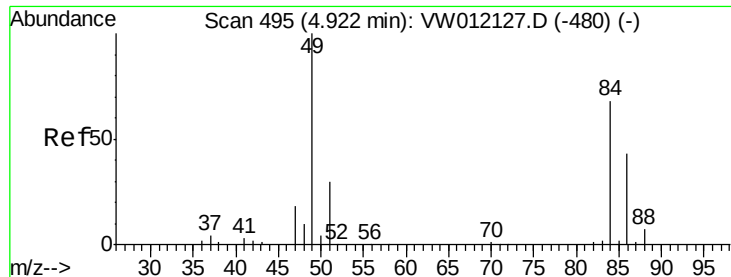
Tgt Ion: 43 Resp: 3583

Ion Ratio Lower Upper

43 100

58 21.9 22.4 33.6#

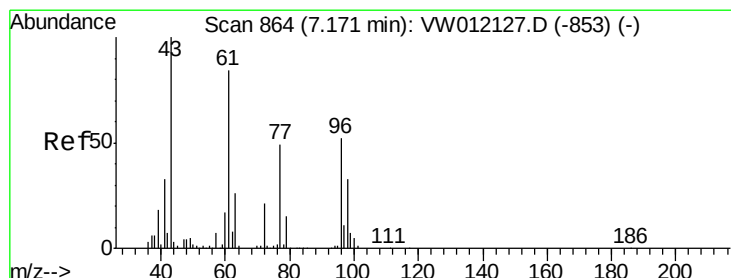
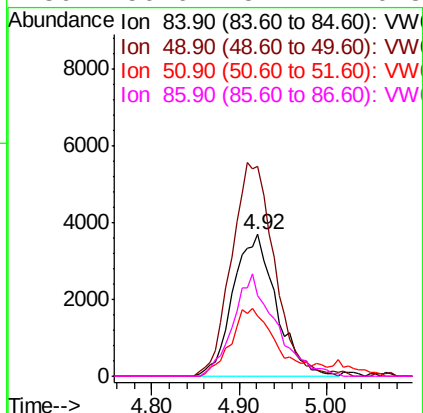
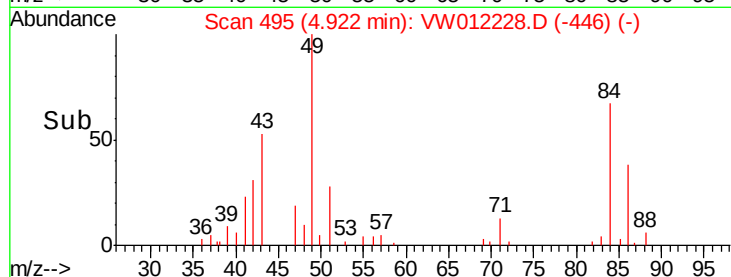
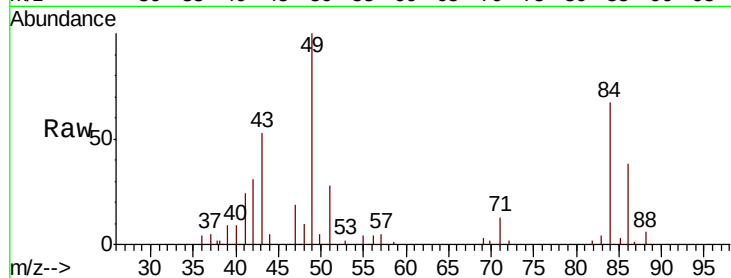




#20
Methylene Chloride
Concen: 4.428 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

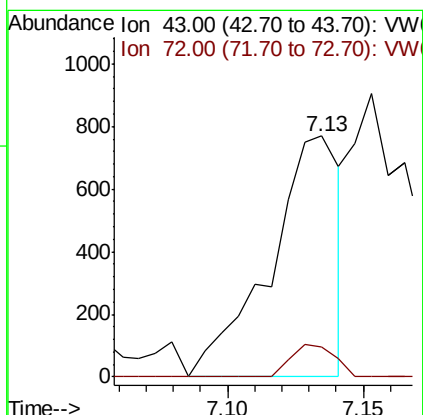
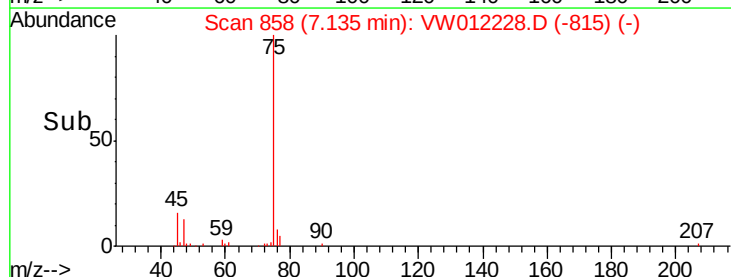
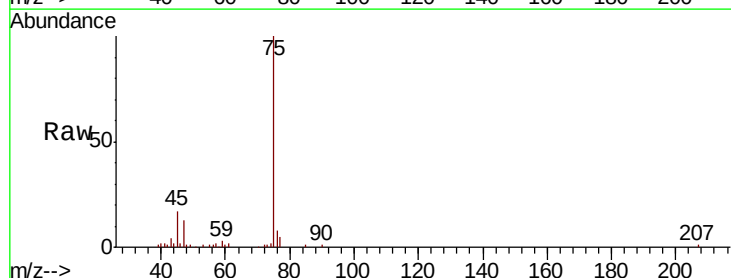
Instrument :
MSVOA_W
ClientSampled :
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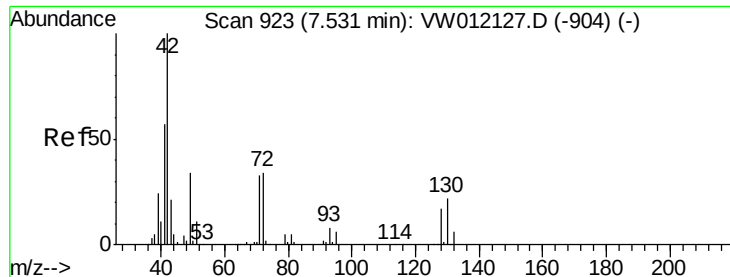
Tgt Ion:	84	Resp:	12693
Ion	Ratio	Lower	Upper
84	100		
49	148.3	117.8	176.8
51	42.2	35.6	53.4
86	56.6	51.2	76.8



#25
2-Butanone
Concen: 1.333 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion:	43	Resp:	1374
Ion	Ratio	Lower	Upper
43	100		
72	12.2	16.6	24.8#

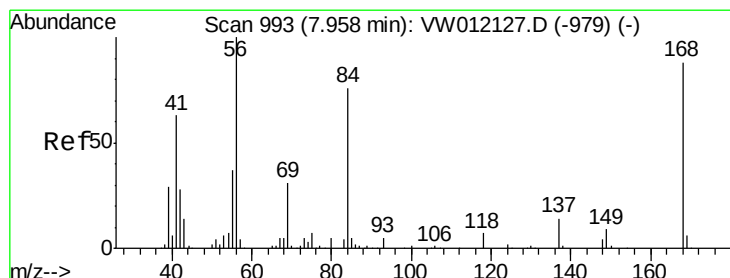
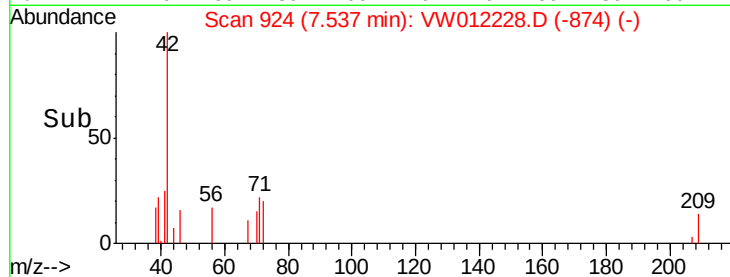
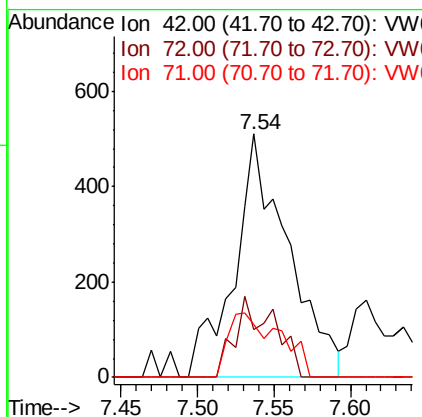
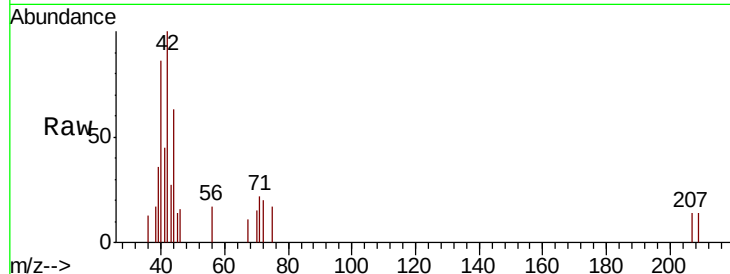




#29
Tetrahydrofuran
Concen: 2.022 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

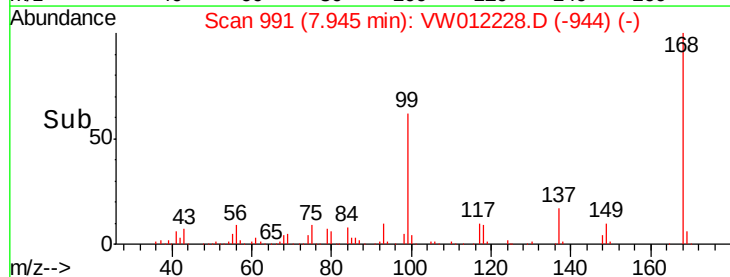
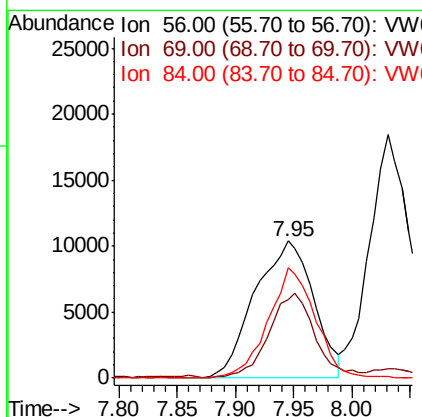
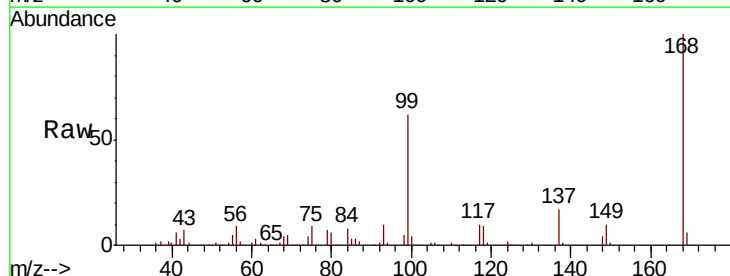
Instrument :
MSVOA_W
ClientSampleId :
B-1

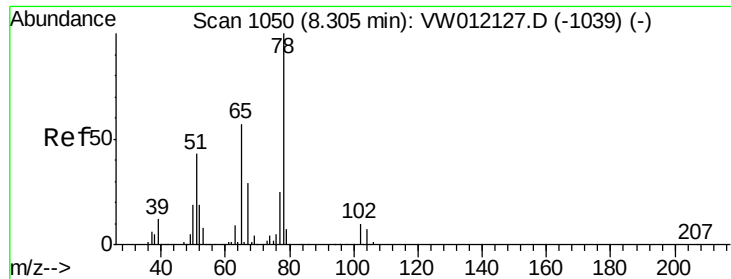
Tgt Ion: 42 Resp: 1250
Ion Ratio Lower Upper
42 100
72 24.3 27.3 40.9#
71 25.4 25.5 38.3#



#31
Cyclohexane
Concen: 6.801 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 56 Resp: 36337
Ion Ratio Lower Upper
56 100
69 54.9 24.9 37.3#
84 80.7 60.6 90.8

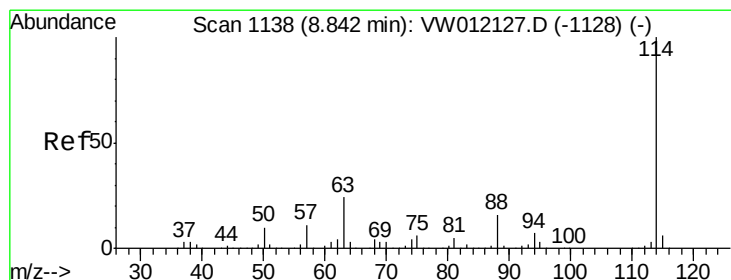
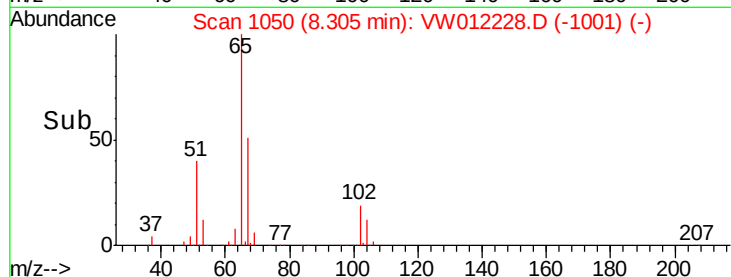
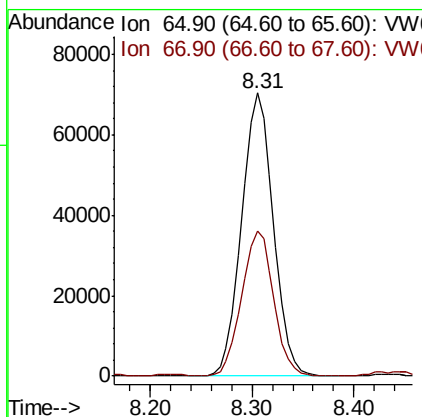
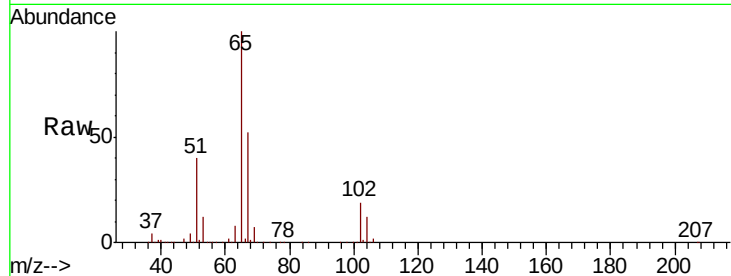




#33
 1,2-Dichloroethane-d4
 Concen: 51.048 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

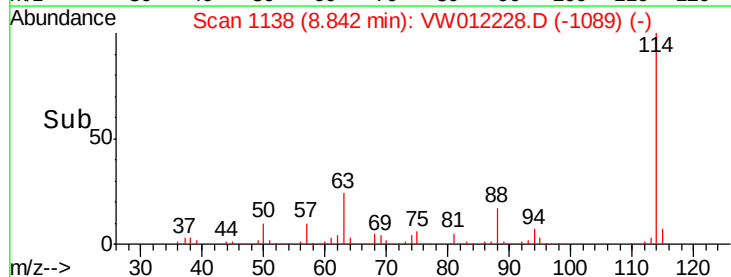
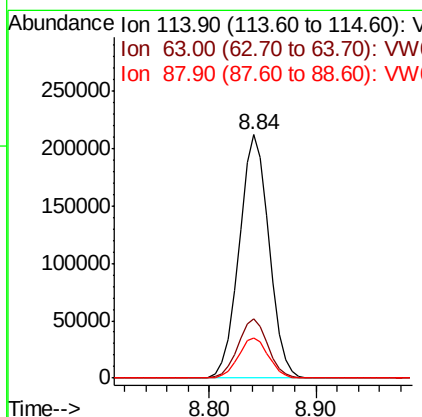
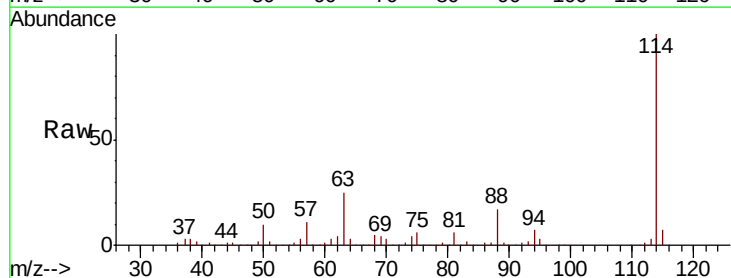
Instrument :
 MSVOA_W
 ClientSampleId :
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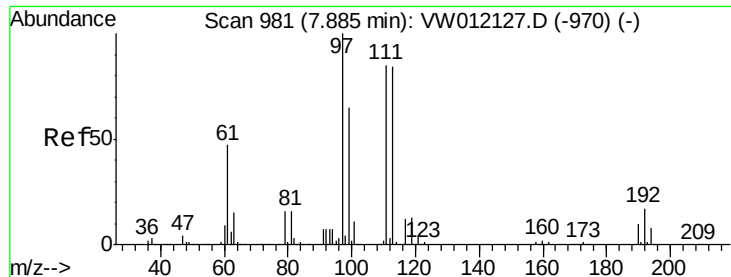
Tgt Ion: 65 Resp: 151430
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion: 114 Resp: 416101
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.5 0.0 32.2

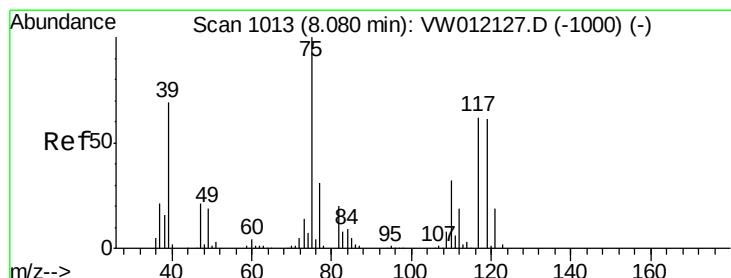
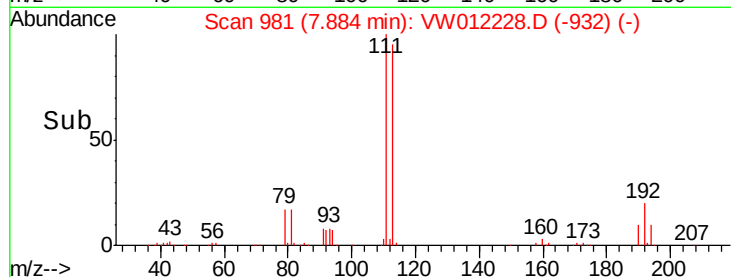
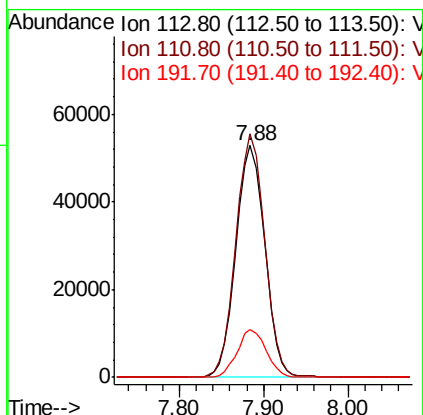
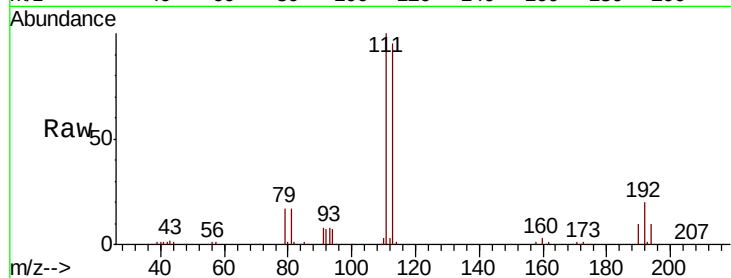




#35
 Dibromofluoromethane
 Concen: 49.537 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

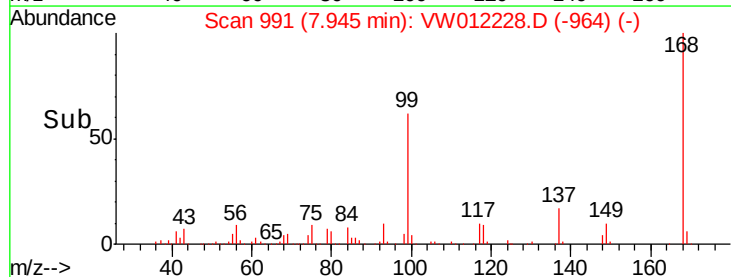
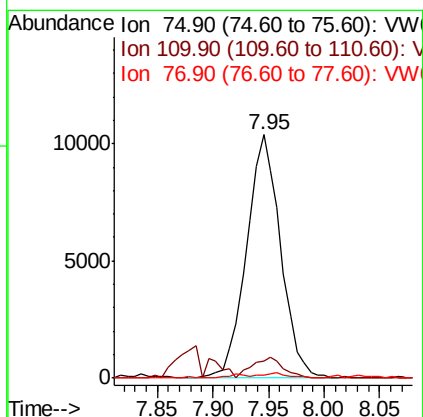
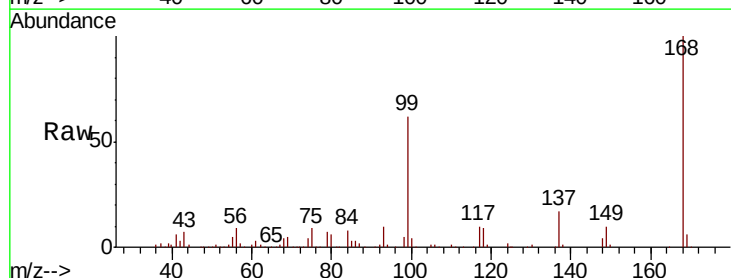
Instrument :
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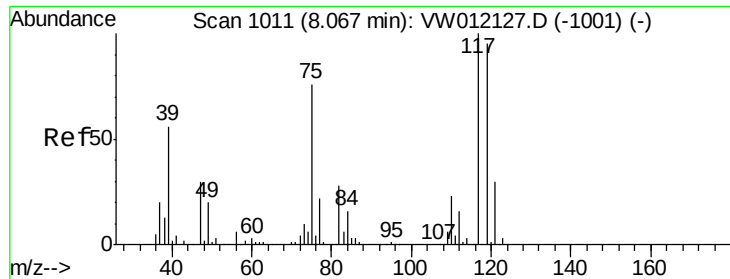
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	20.5	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.141 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.6	46.8#
77	1.5	24.6	36.8#

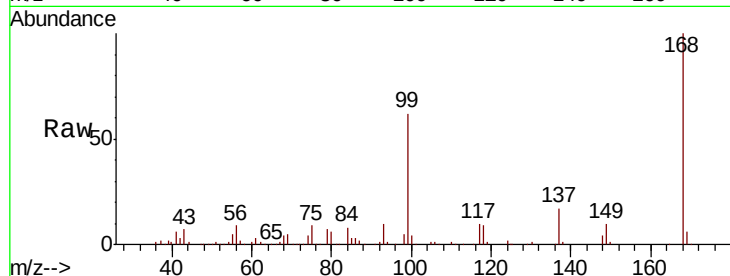




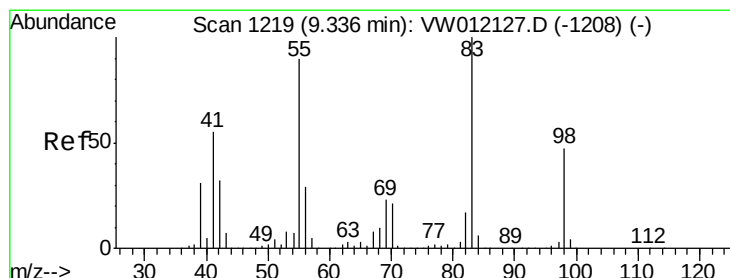
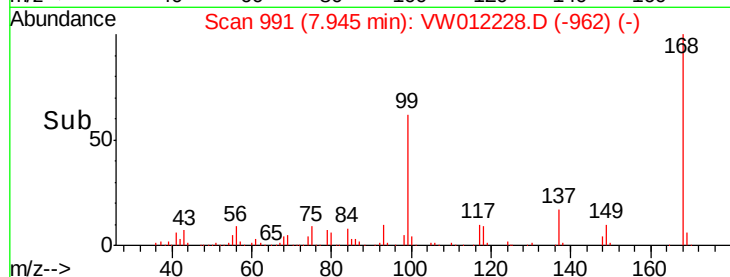
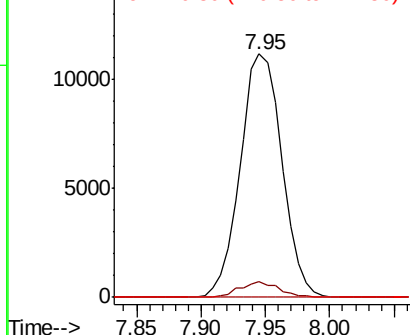
#38
Carbon Tetrachloride
Concen: 6.725 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 117 Resp: 25030
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 23.8 35.8#

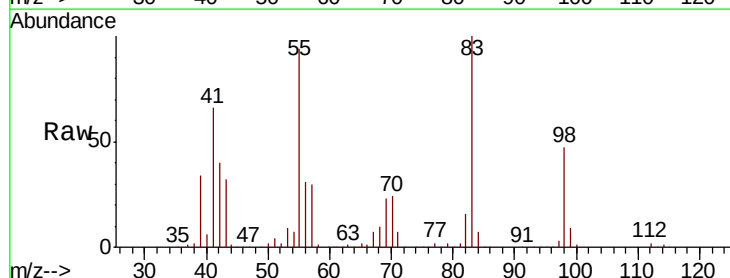


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

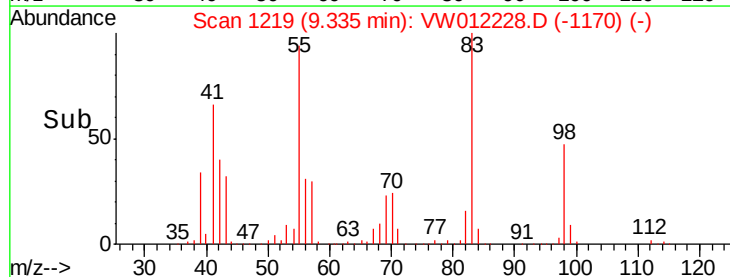
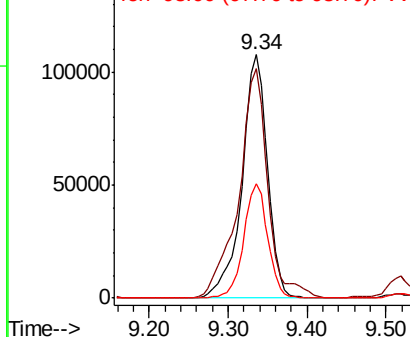


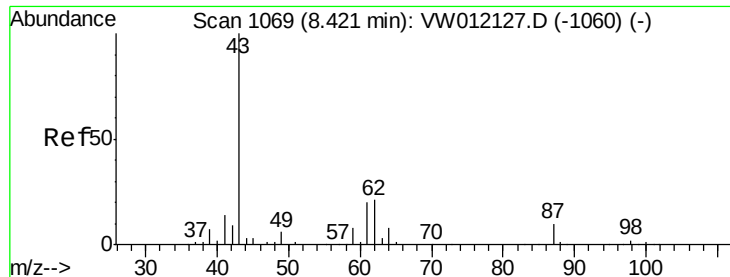
#39
Methylcyclohexane
Concen: 50.275 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 83 Resp: 242859
Ion Ratio Lower Upper
83 100
55 94.2 71.8 107.8
98 46.7 37.8 56.8



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





#43

Isopropyl Acetate

Concen: 6.237 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

B-1

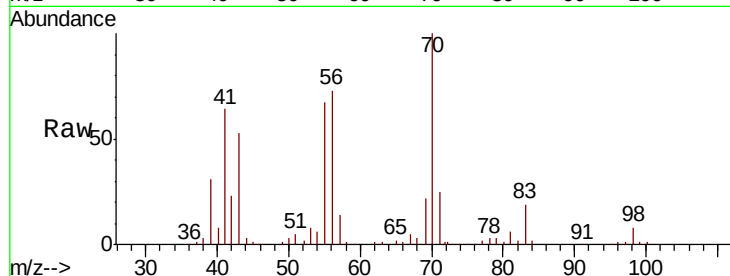
Tgt Ion: 43 Resp: 27220

Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

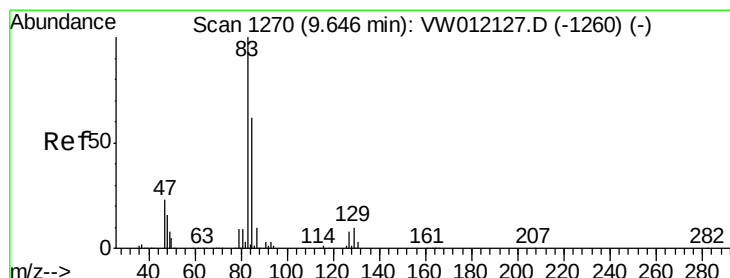
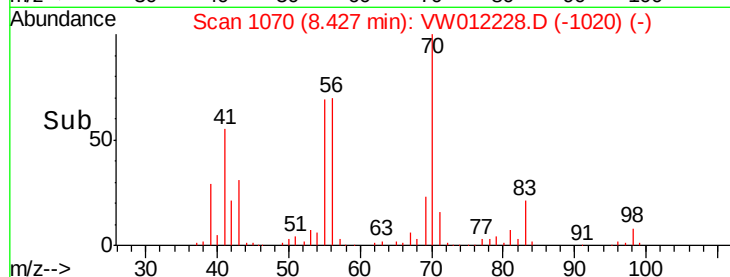
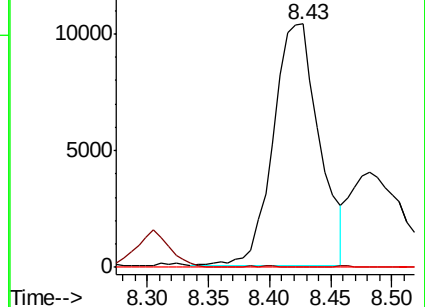
87 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#47

Bromodichloromethane

Concen: 1.669 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.04 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

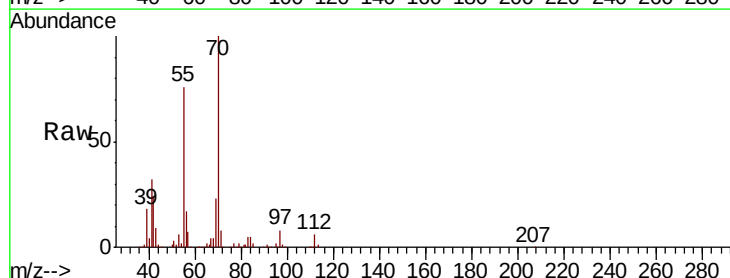
Tgt Ion: 83 Resp: 6244

Ion Ratio Lower Upper

83 100

85 33.2 49.4 74.2#

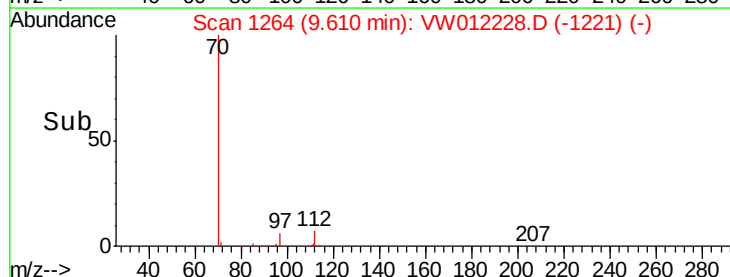
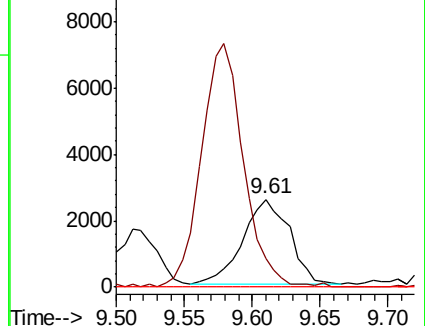
127 0.0 6.1 9.1#

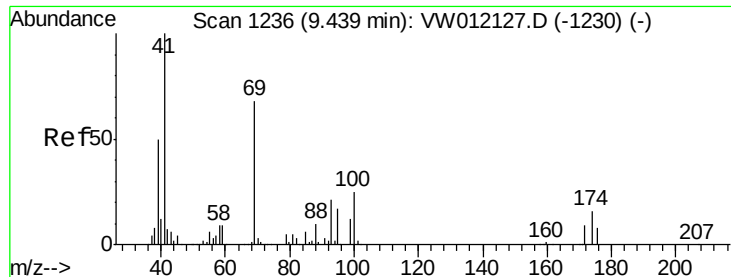


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

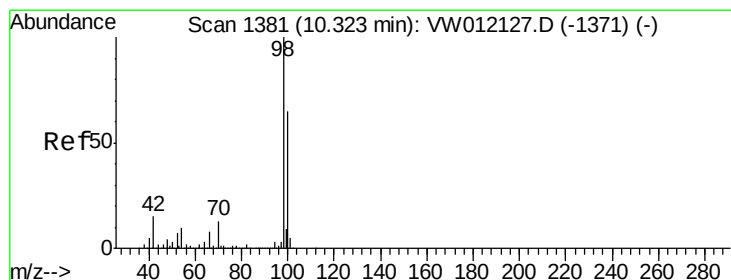
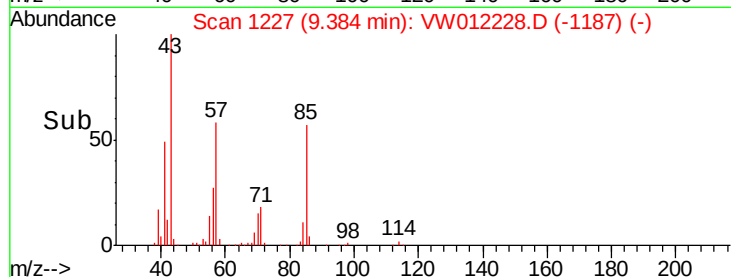
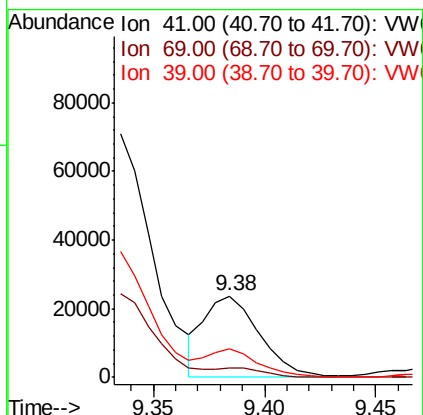
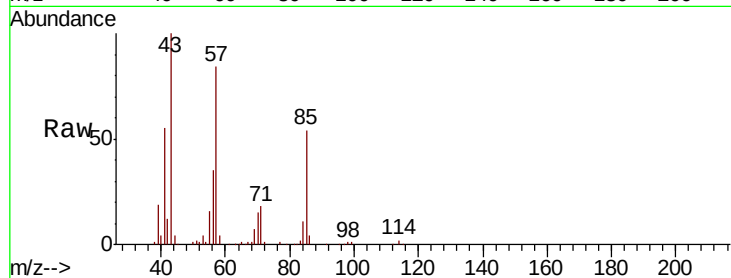




#48
Methyl methacrylate
Concen: 19.592 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. -0.06 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

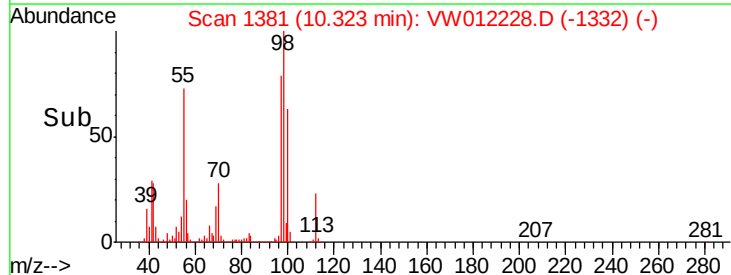
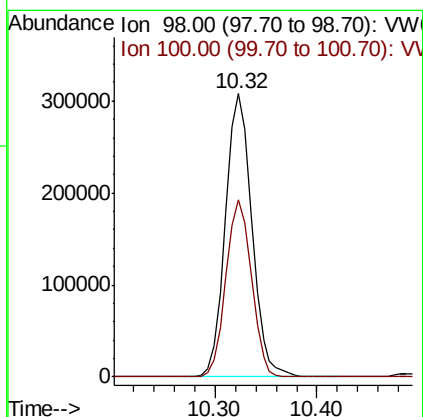
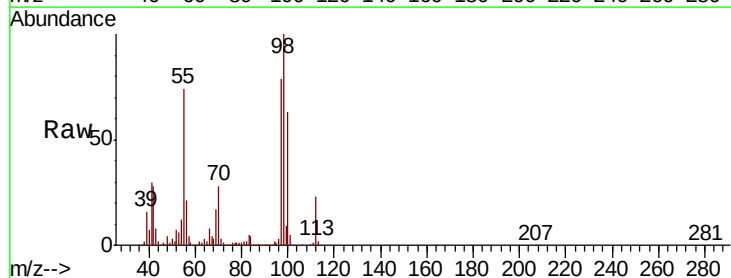
Instrument :
MSVOA_W
ClientSampleId :
B-1

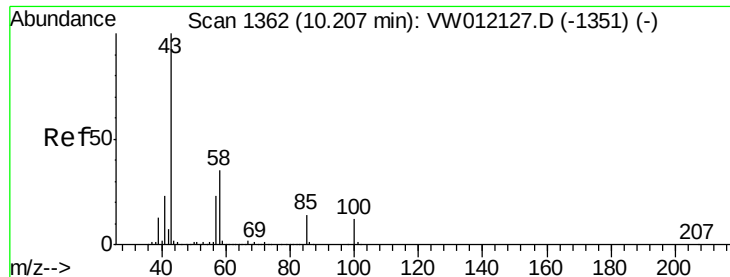
Tgt Ion: 41 Resp: 40699
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 27.6 42.0 63.0#



#50
Toluene-d8
Concen: 55.058 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 98 Resp: 554474
Ion Ratio Lower Upper
98 100
100 60.2 52.4 78.6

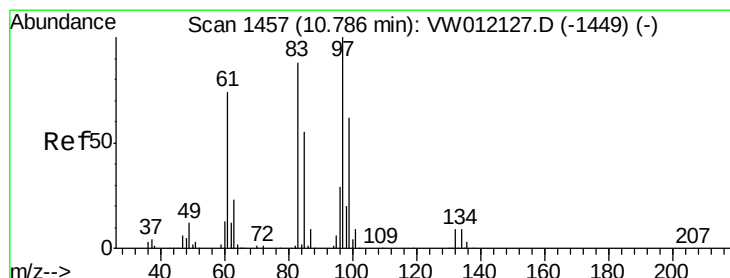
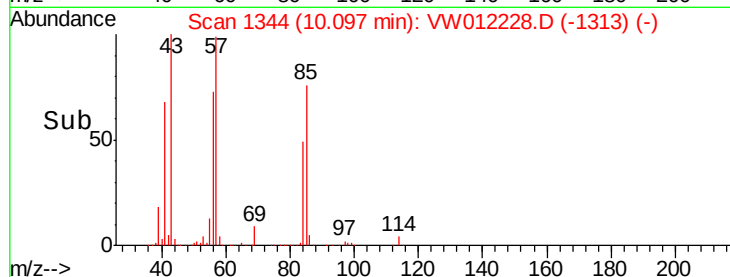
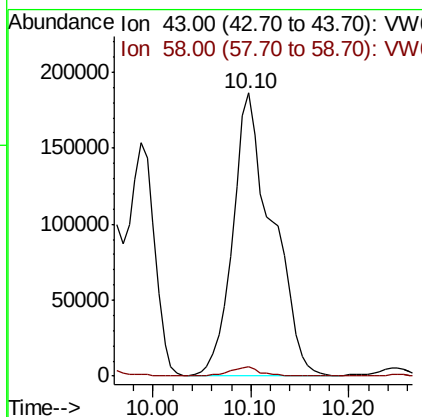
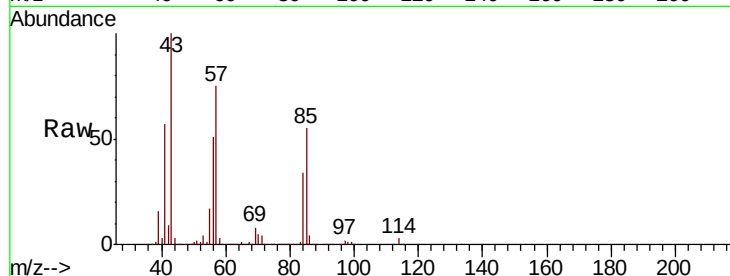




#51
 4-Methyl-2-Pentanone
 Concen: 233.038 ug/l
 RT: 10.10 min Scan# 1344
 Delta R.T. -0.11 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

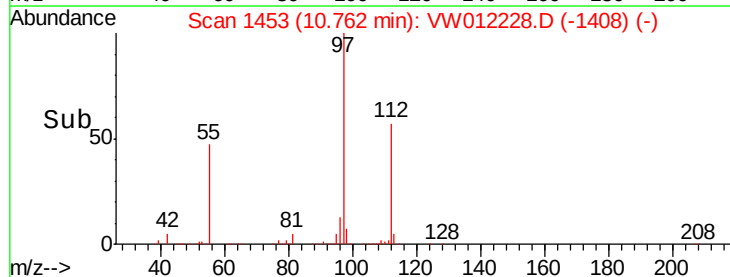
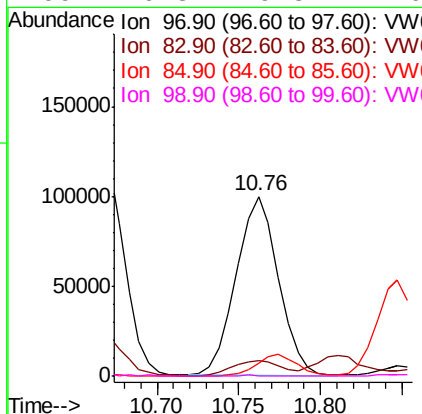
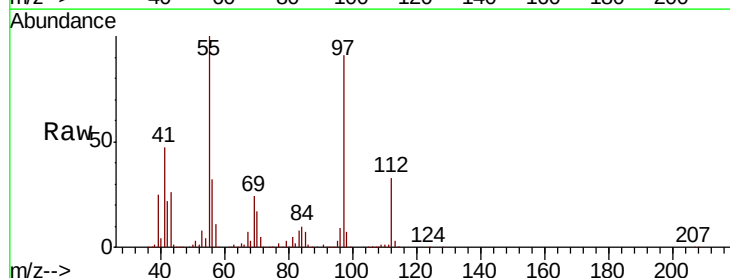
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

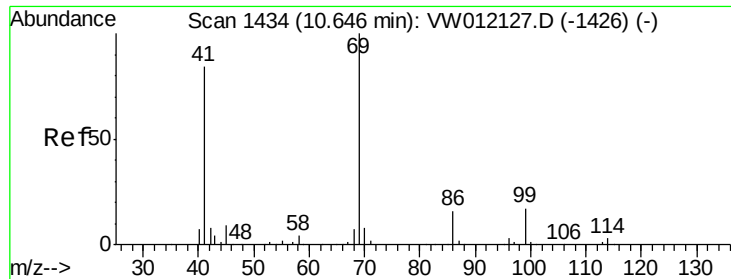
Tgt Ion: 43 Resp: 517337
 Ion Ratio Lower Upper
 43 100
 58 2.7 28.2 42.2#



#55
 1,1,2-Trichloroethane
 Concen: 90.517 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion: 97 Resp: 180059
 Ion Ratio Lower Upper
 97 100
 83 8.6 70.8 106.2#
 85 7.5 43.8 65.8#
 99 0.3 49.8 74.6#





#56

Ethyl methacrylate

Concen: 25.113 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

B-1

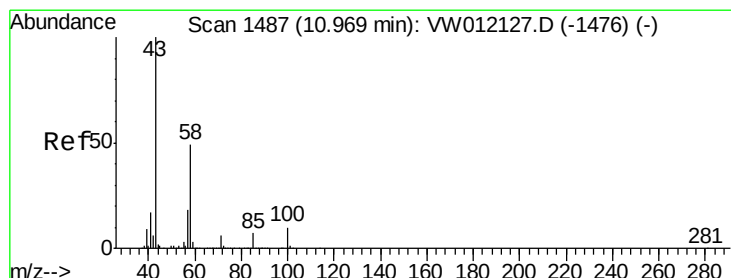
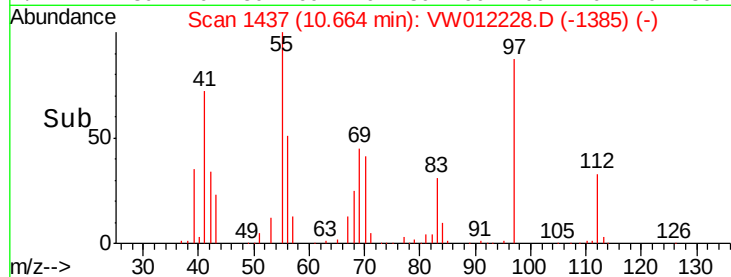
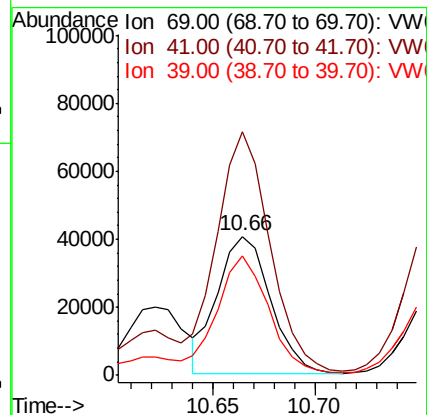
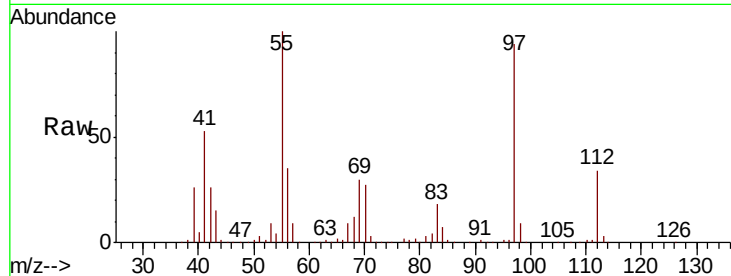
Tgt Ion: 69 Resp: 72705

Ion Ratio Lower Upper

69 100

41 174.9 66.5 99.7#

39 81.8 31.0 46.4#



#59

2-Hexanone

Concen: 272.515 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW012228.D

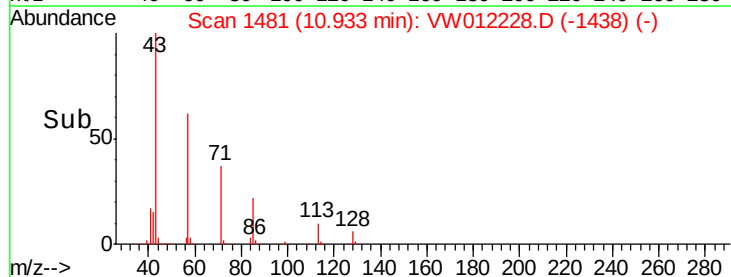
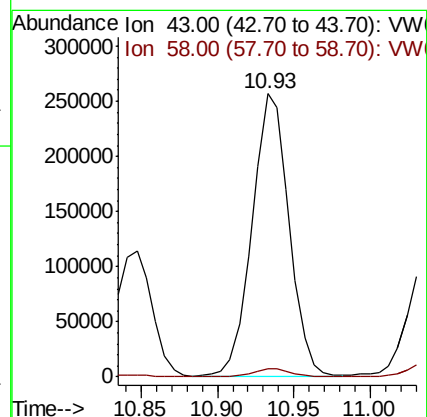
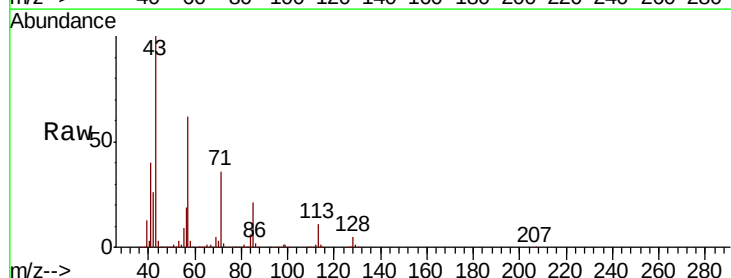
Acq: 28 Aug 2019 02:24

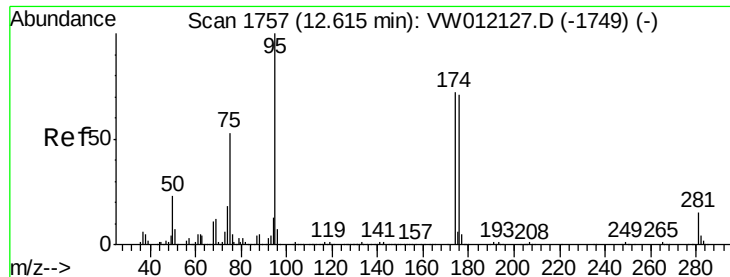
Tgt Ion: 43 Resp: 428058

Ion Ratio Lower Upper

43 100

58 3.0 24.3 72.9#

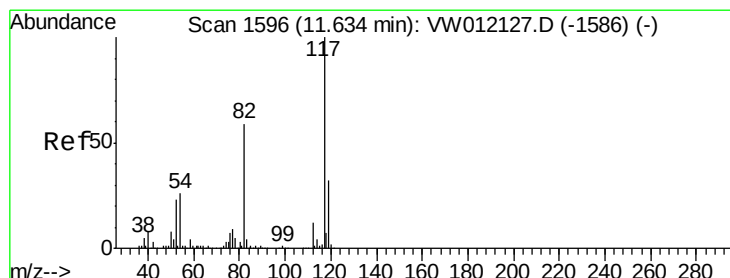
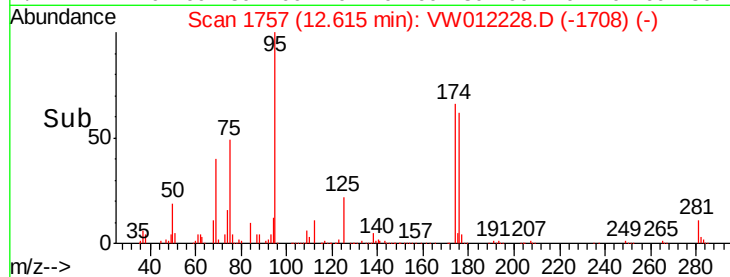
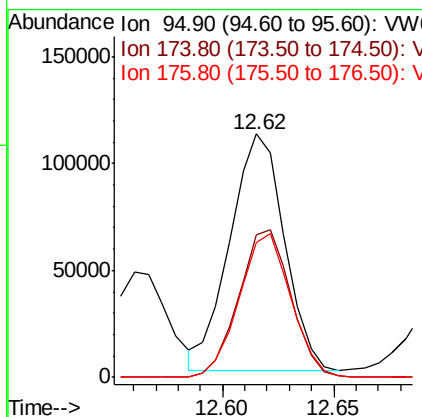
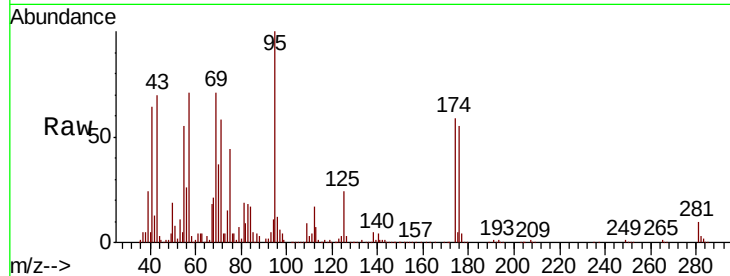




#62
4-Bromofluorobenzene
Concen: 53.275 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

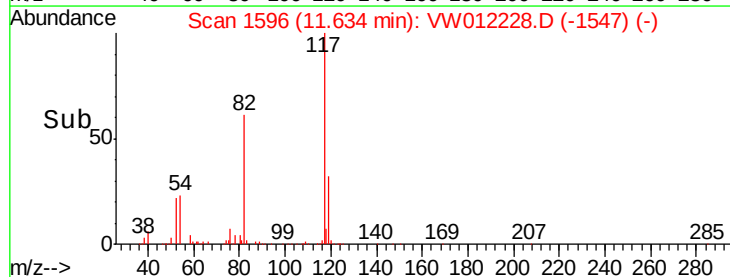
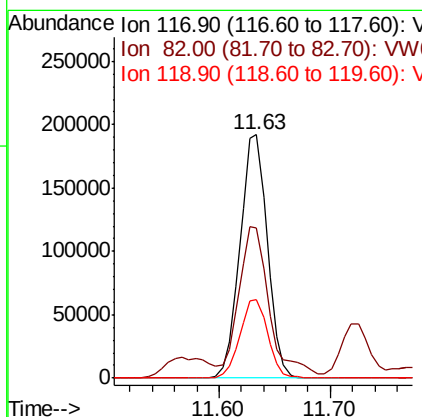
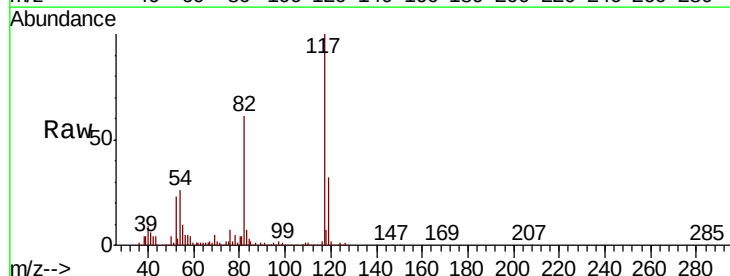
Instrument :
MSVOA_W
ClientSampled :
B-1

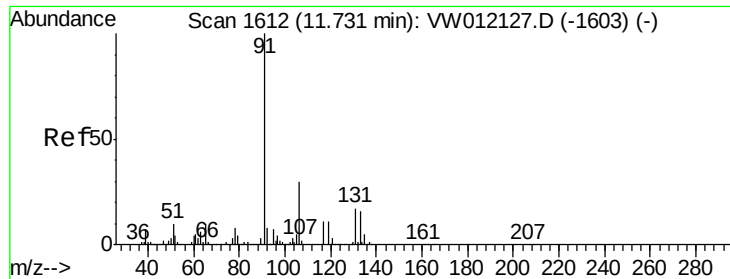
Tgt Ion: 95 Resp: 189124
Ion Ratio Lower Upper
95 100
174 59.6 0.0 150.8
176 57.8 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 117 Resp: 327330
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.2 25.4 38.2

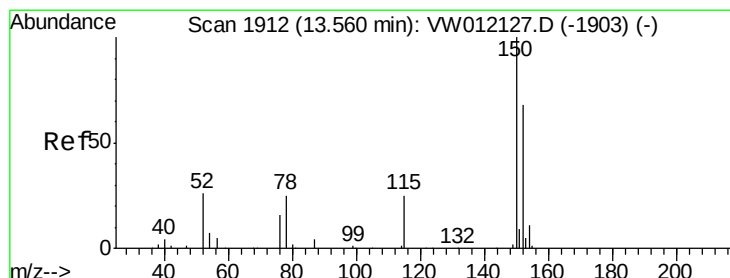
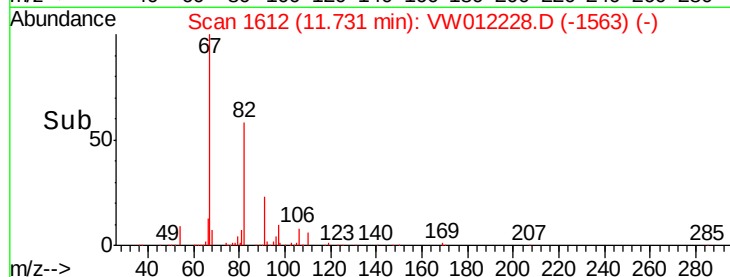
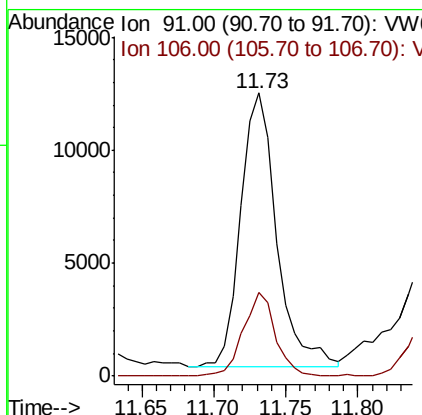
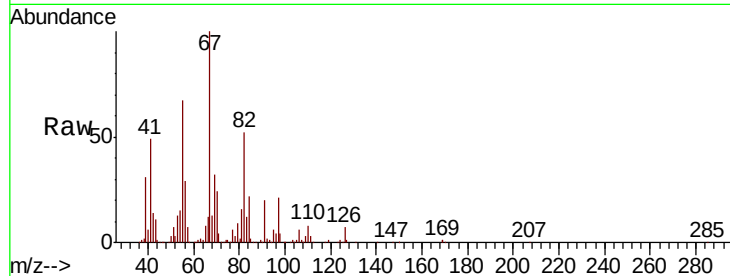




#67
Ethyl Benzene
Concen: 1.699 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

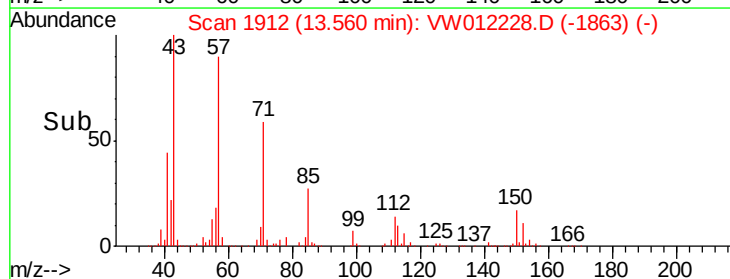
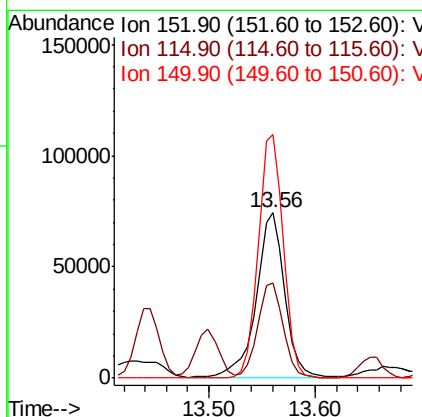
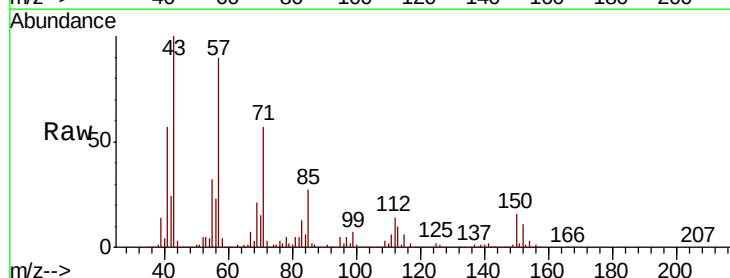
Instrument :
MSVOA_W
ClientSampled :
B-1

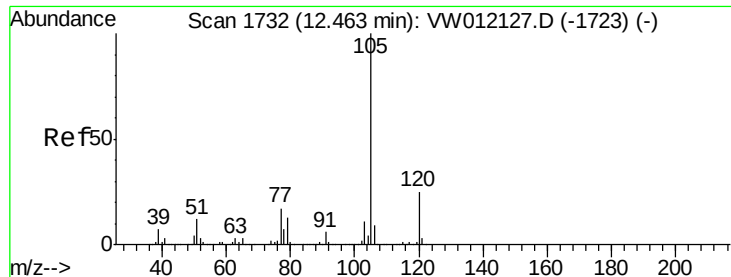
Tgt Ion: 91 Resp: 21094
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 152 Resp: 137168
Ion Ratio Lower Upper
152 100
115 51.8 30.1 90.3
150 131.7 0.0 345.8





#73

Isopropylbenzene

Concen: 35.310 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

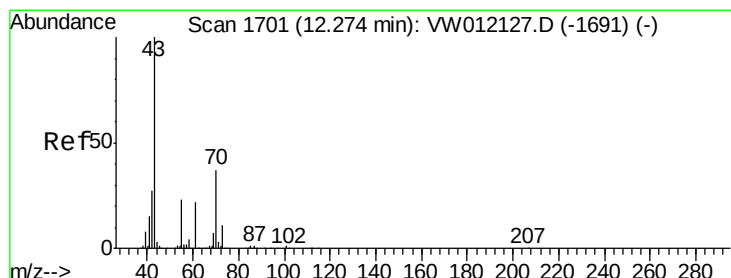
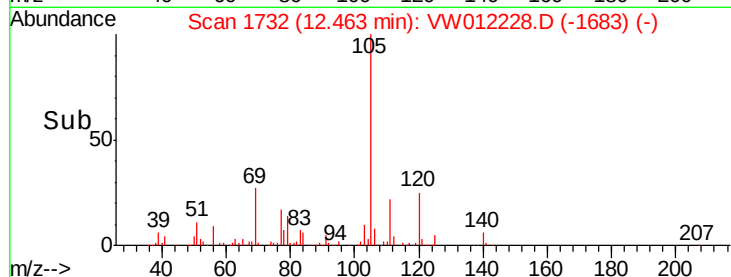
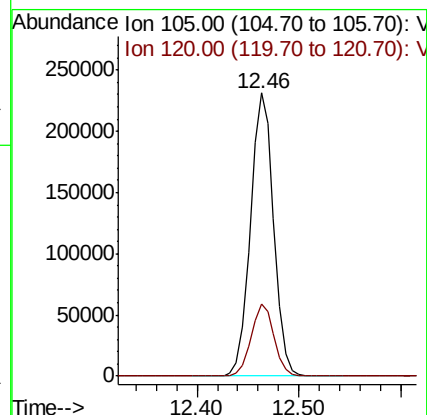
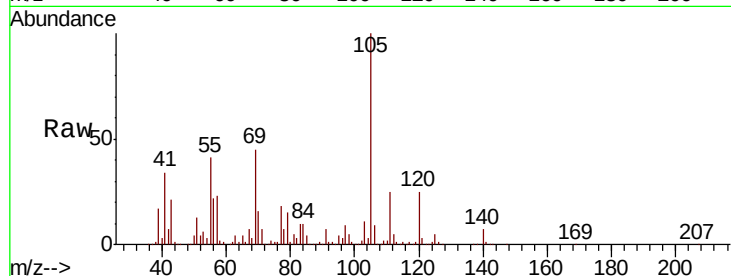
B-1

Tgt Ion:105 Resp: 362921

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 214.144 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Tgt Ion: 43 Resp: 664989

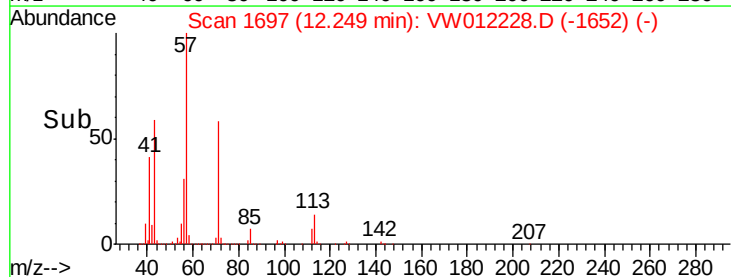
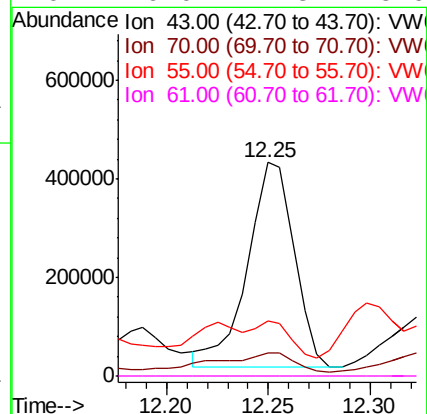
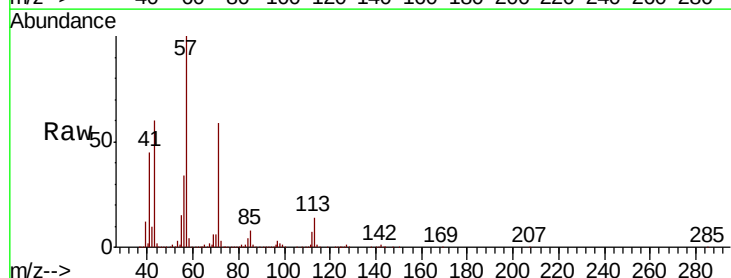
Ion Ratio Lower Upper

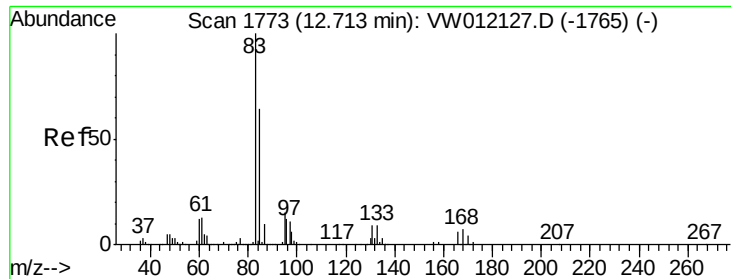
43 100

70 15.4 28.6 43.0#

55 0.0 17.8 26.6#

61 0.0 17.3 25.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 13.132 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

B-1

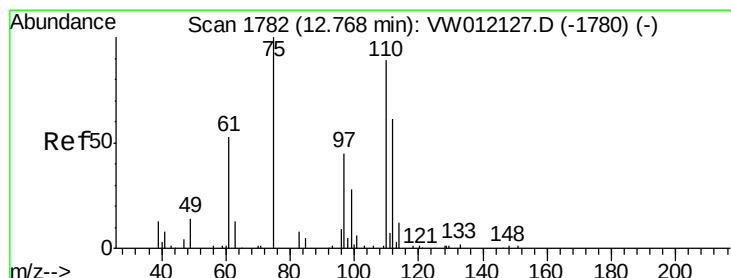
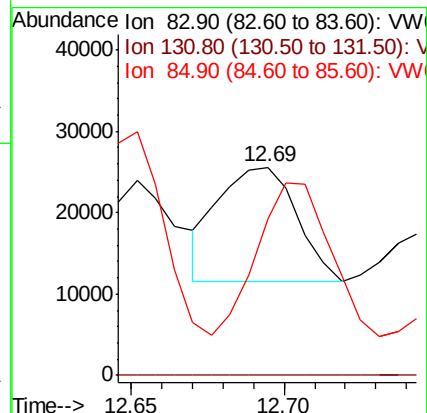
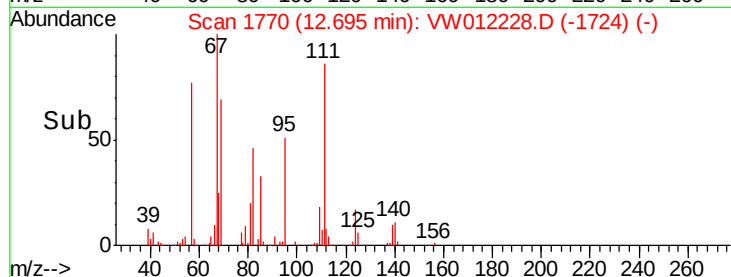
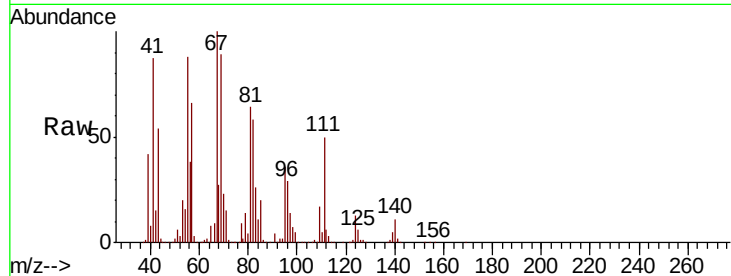
Tgt Ion: 83 Resp: 24745

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 145.3 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 1.884 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW012228.D

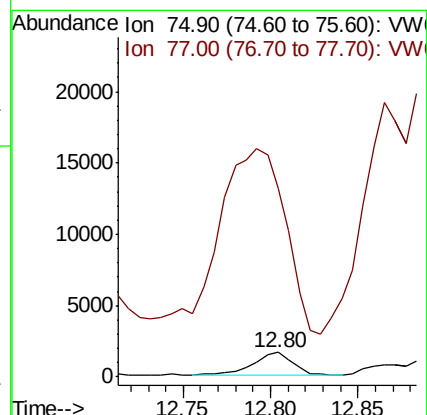
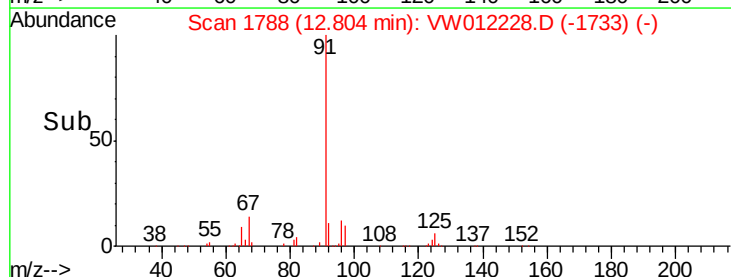
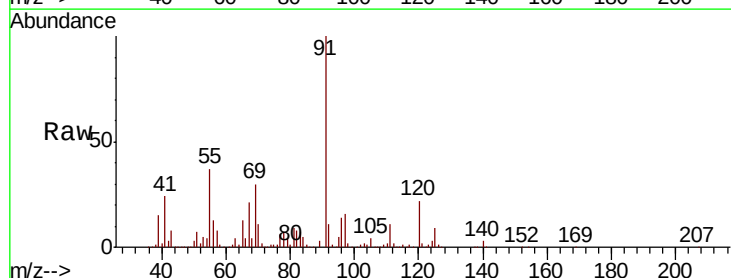
Acq: 28 Aug 2019 02:24

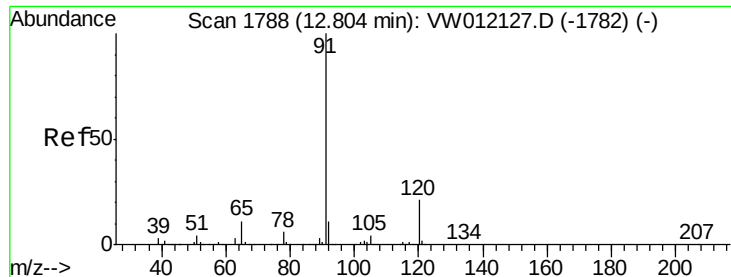
Tgt Ion: 75 Resp: 2517

Ion Ratio Lower Upper

75 100

77 1363.4 0.0 0.0#





#78

n-propylbenzene

Concen: 28.332 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampled :

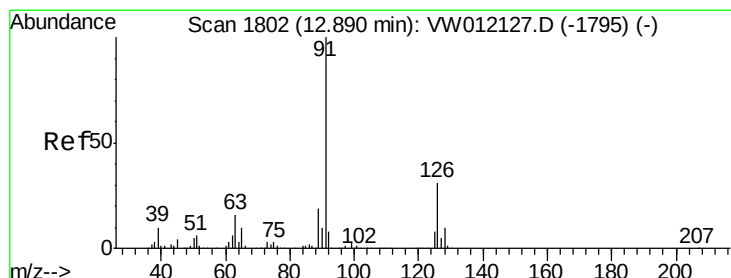
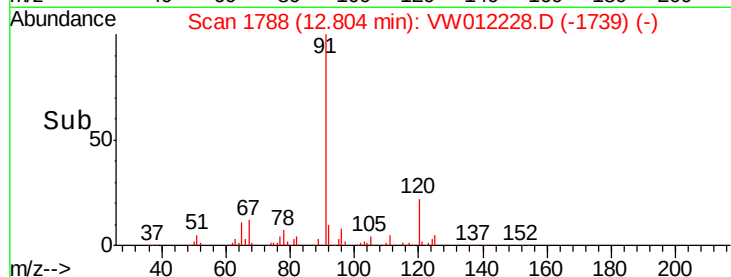
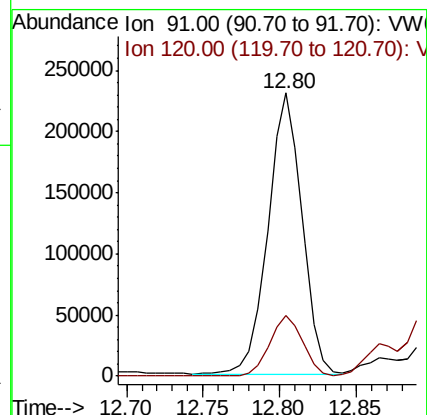
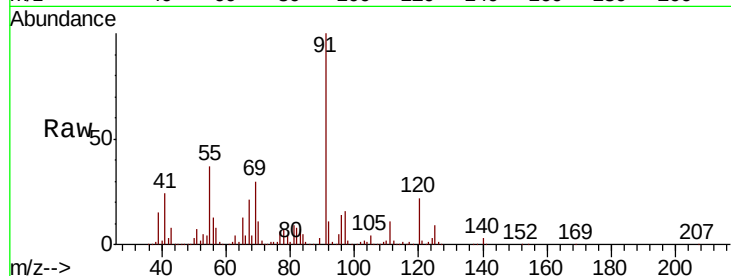
B-1

Tgt Ion: 91 Resp: 355497

Ion Ratio Lower Upper

91 100

120 21.2 10.5 31.6



#79

2-Chlorotoluene

Concen: 10.104 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW012228.D

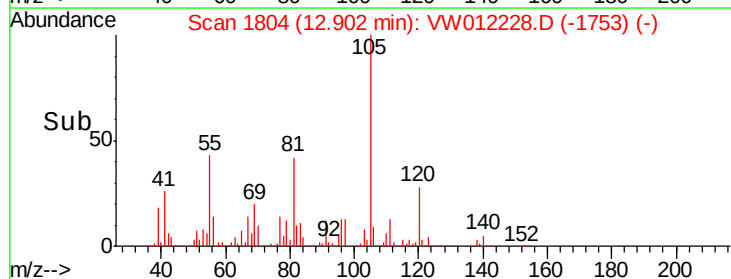
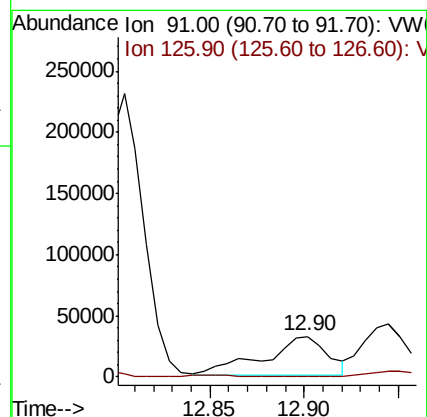
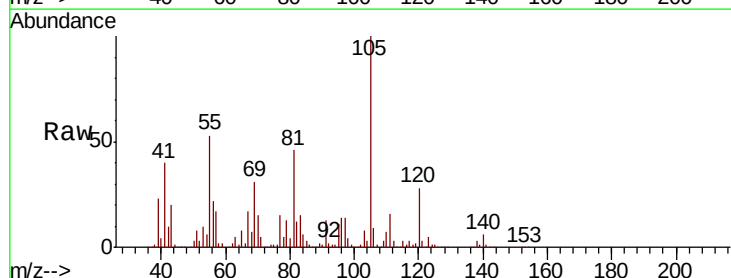
Acq: 28 Aug 2019 02:24

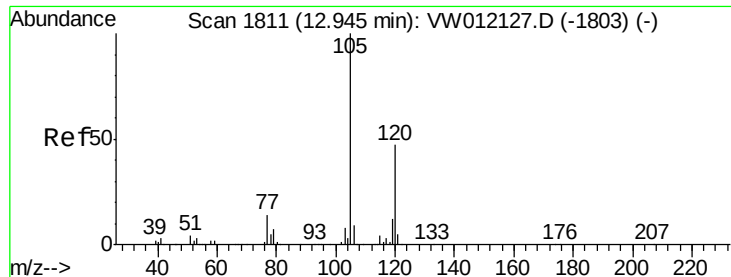
Tgt Ion: 91 Resp: 71978

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.0#

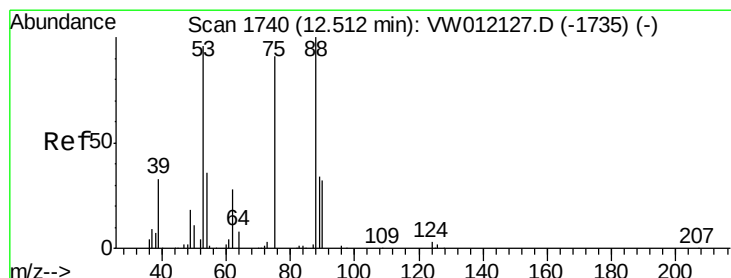
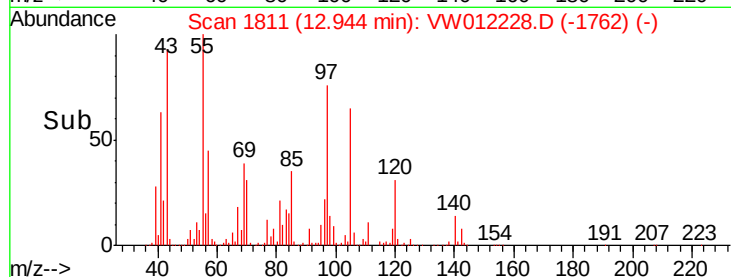
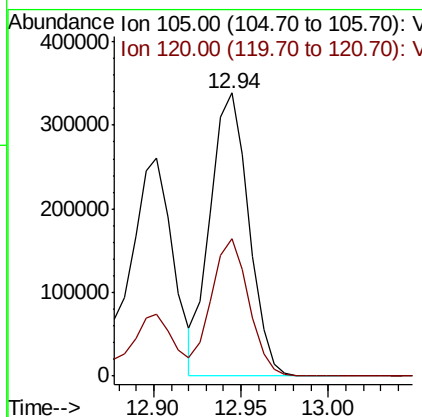
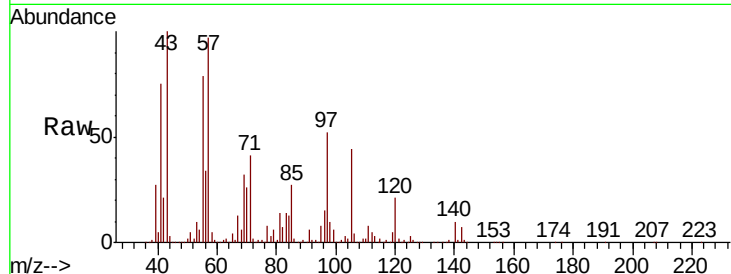




#80
 1,3,5-Trimethylbenzene
 Concen: 60.217 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

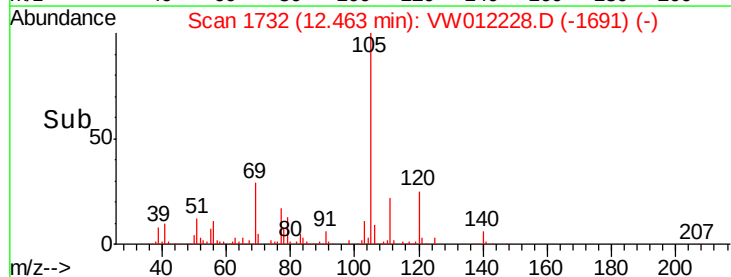
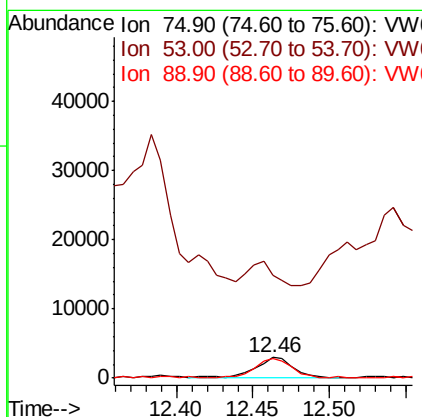
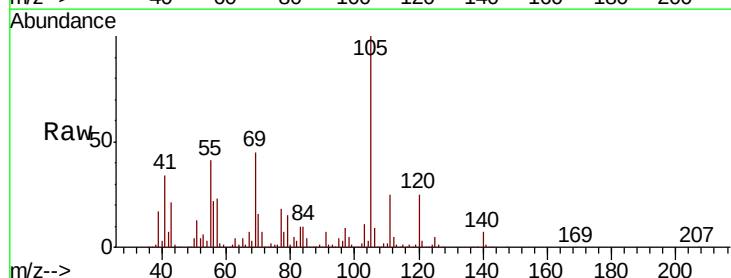
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

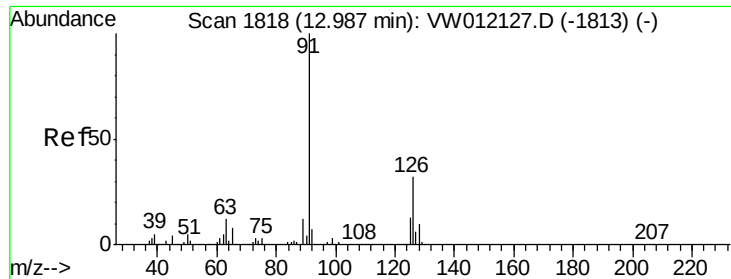
Tgt Ion:105 Resp: 517172
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.530 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.05 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion: 75 Resp: 4588
 Ion Ratio Lower Upper
 75 100
 53 83.7 89.4 134.0#
 89 101.2 34.5 51.7#

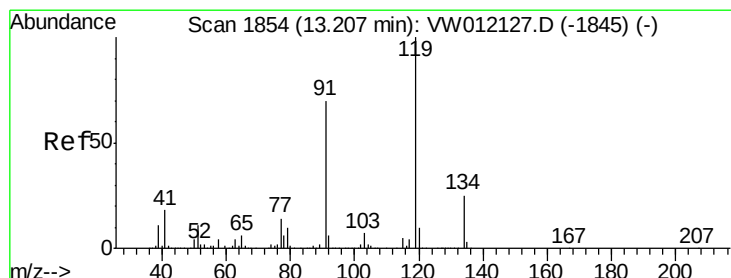
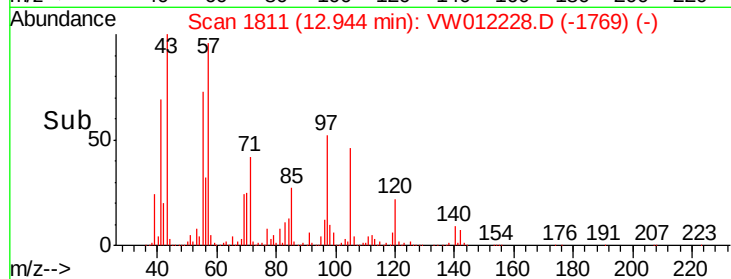
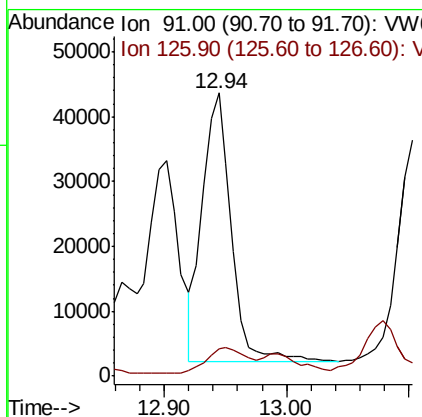
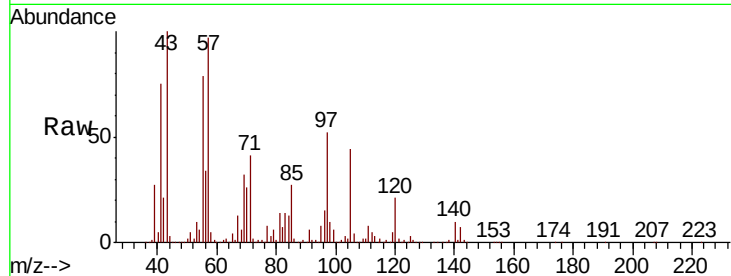




#82
4-Chlorotoluene
Concen: 9.131 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.04 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

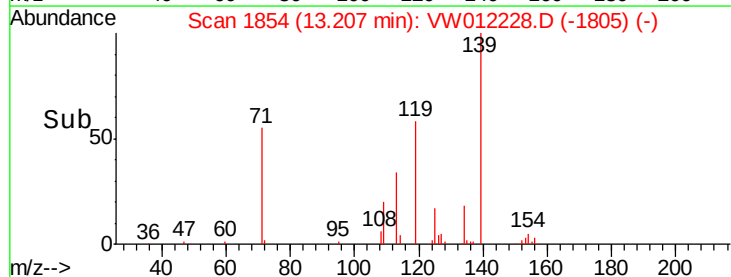
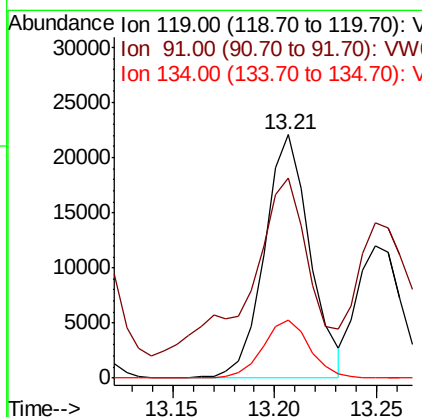
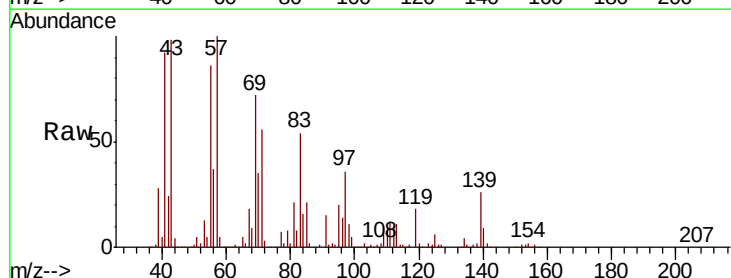
Instrument :
MSVOA_W
ClientSampled :
B-1

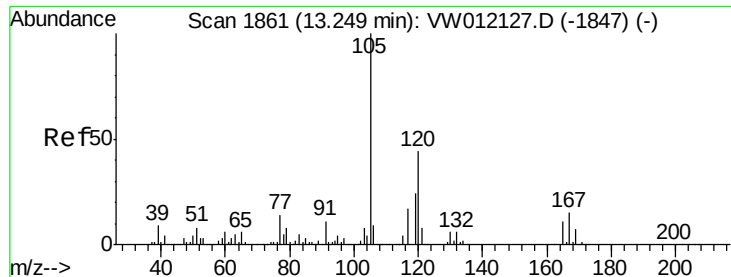
Tgt Ion: 91 Resp: 68110
Ion Ratio Lower Upper
91 100
126 13.4 15.6 46.8#



#83
tert-Butylbenzene
Concen: 4.726 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 119 Resp: 34381
Ion Ratio Lower Upper
119 100
91 91.9 34.8 104.3
134 0.0 13.3 39.8#

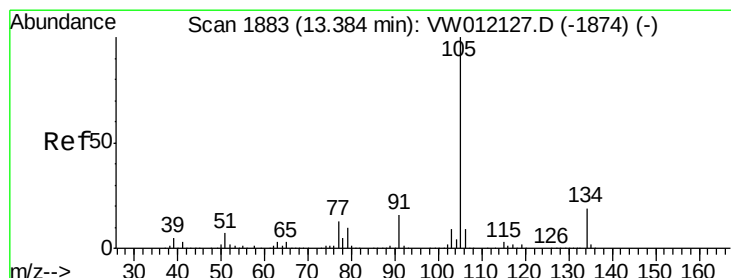
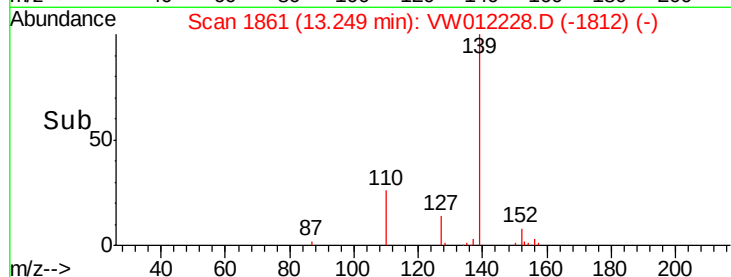
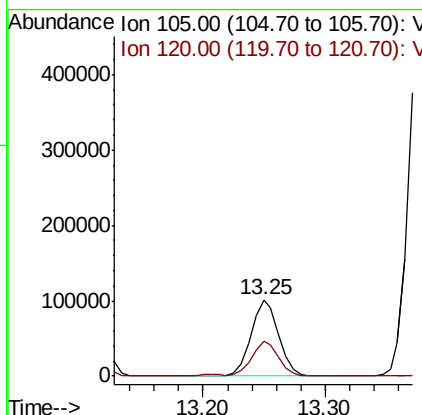
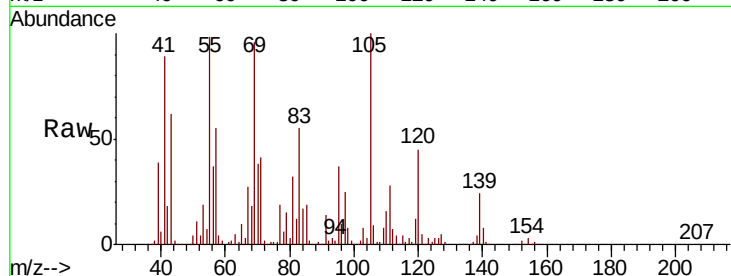




#84
 1,2,4-Trimethylbenzene
 Concen: 18.115 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

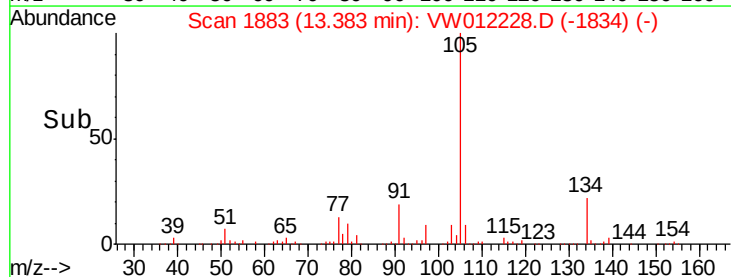
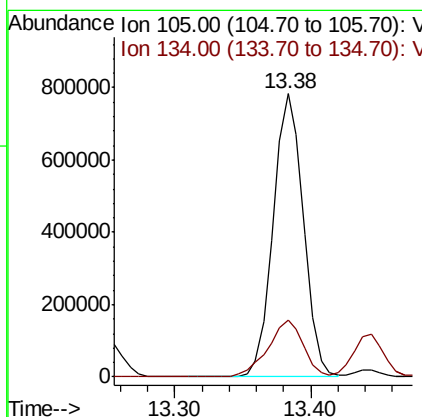
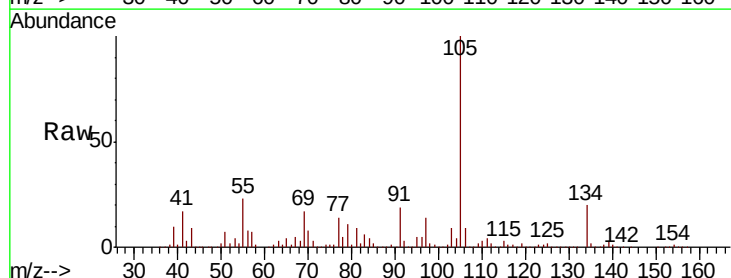
Instrument :
 MSVOA_W
 ClientSampled :
 B-1

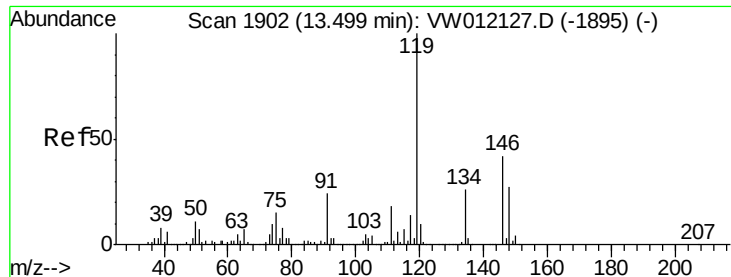
Tgt Ion:105 Resp: 156284
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 115.976 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion:105 Resp: 1208806
 Ion Ratio Lower Upper
 105 100
 134 23.7 9.8 29.4

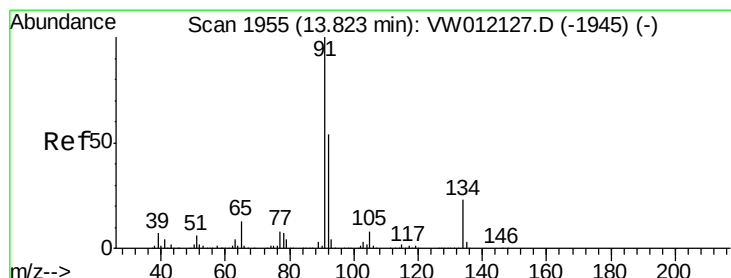
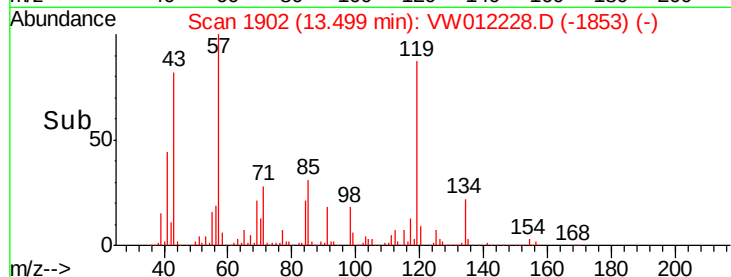
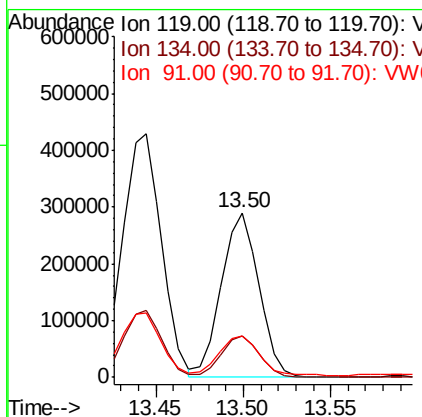
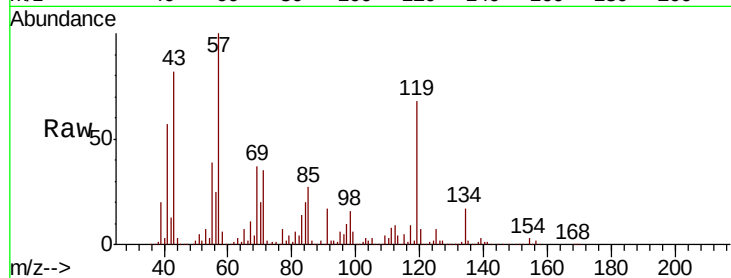




#86
p-Isopropyltoluene
Concen: 46.403 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

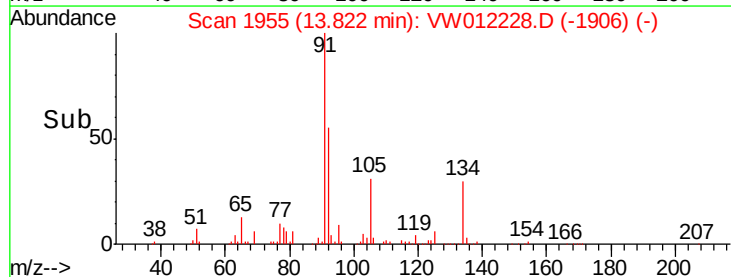
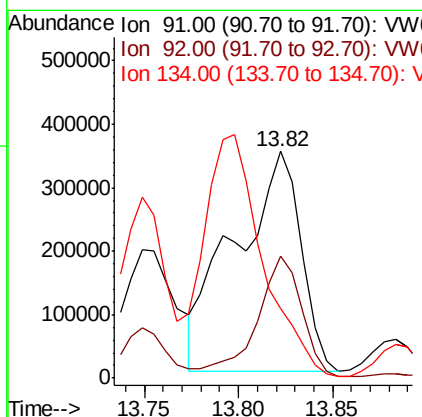
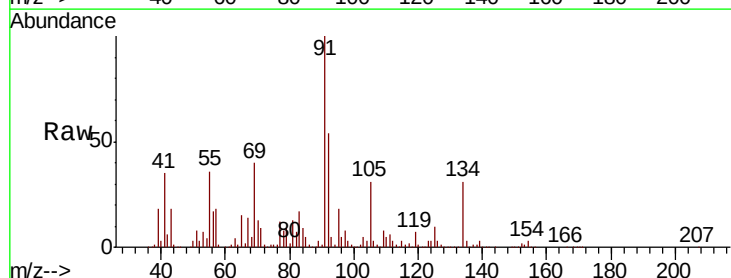
Instrument :
MSVOA_W
ClientSampled :
B-1

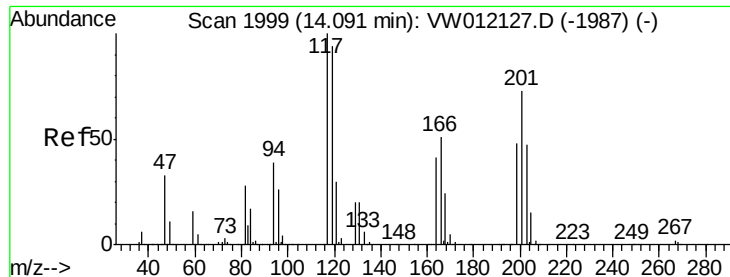
Tgt Ion: 119 Resp: 431934
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.3
91 25.4 12.3 36.9



#89
n-Butylbenzene
Concen: 91.102 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012228.D
Acq: 28 Aug 2019 02:24

Tgt Ion: 91 Resp: 843290
Ion Ratio Lower Upper
91 100
92 37.7 27.1 81.2
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 146.910 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampleId :

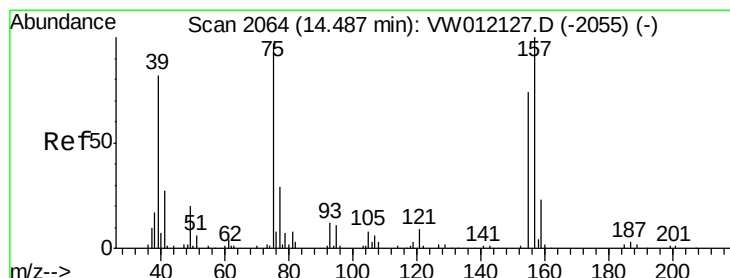
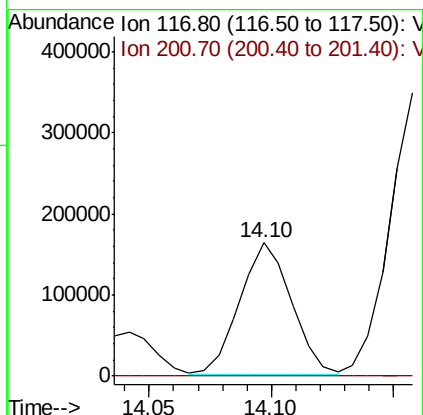
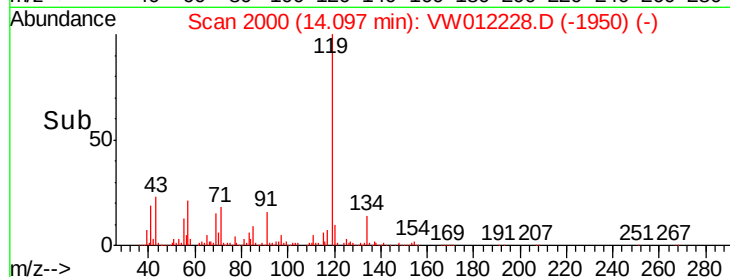
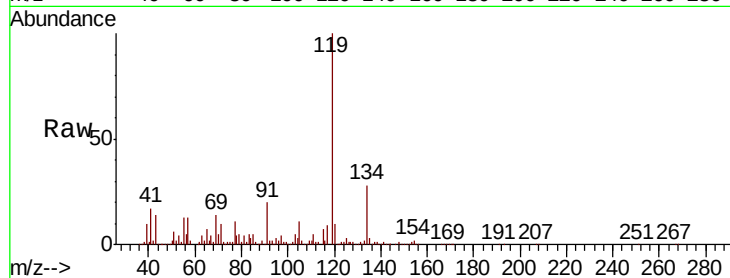
B-1

Tgt Ion:117 Resp: 239919

Ion Ratio Lower Upper

117 100

201 0.0 38.6 115.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 36.167 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

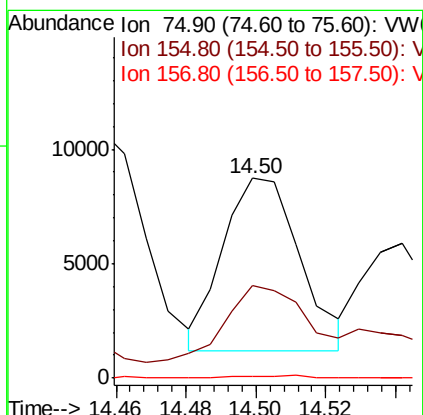
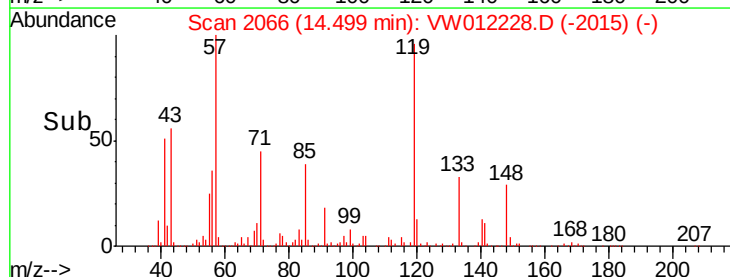
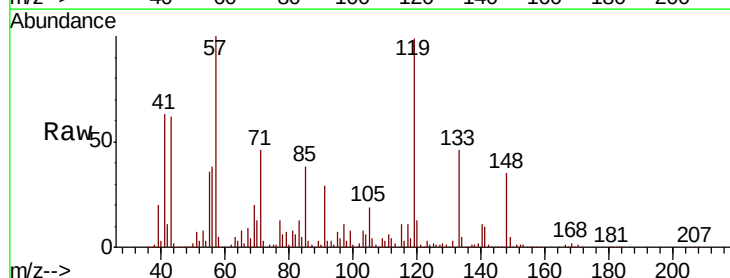
Tgt Ion: 75 Resp: 11489

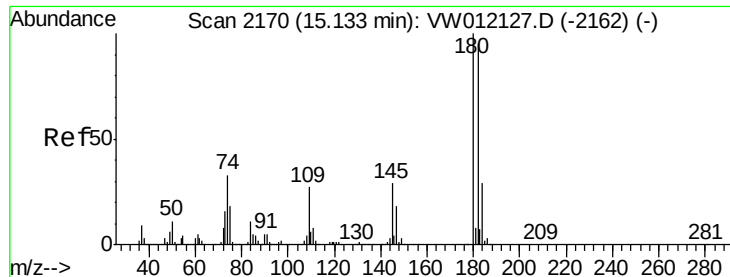
Ion Ratio Lower Upper

75 100

155 48.0 37.5 112.3

157 1.0 50.5 151.5#

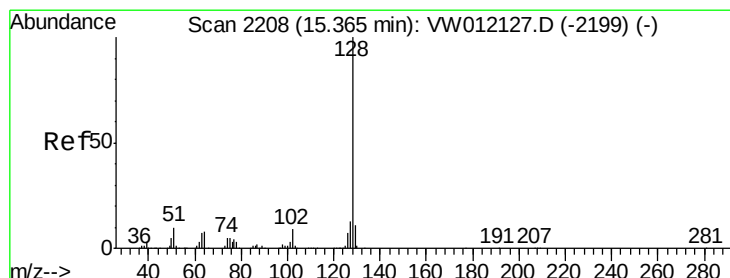
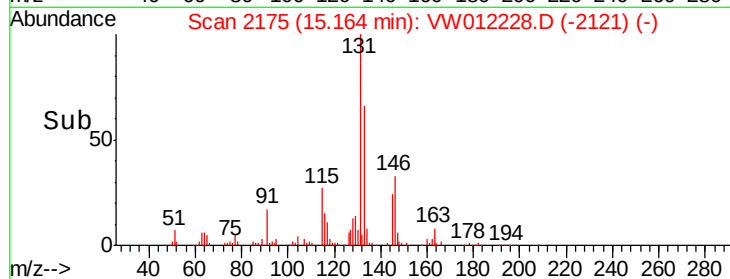
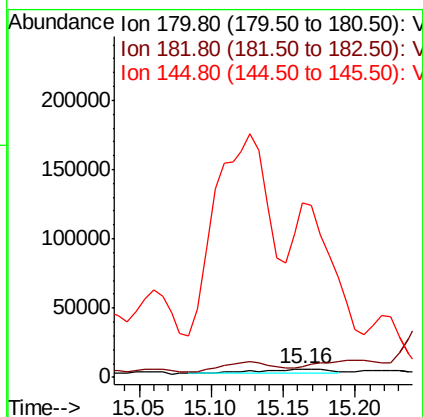
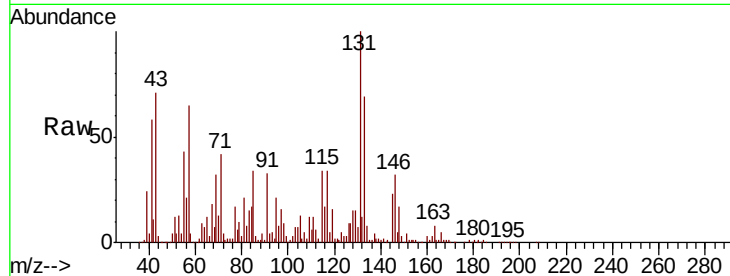




#93
 1,2,4-Trichlorobenzene
 Concen: 4.563 ug/l
 RT: 15.16 min Scan# 2175
 Delta R.T. 0.03 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

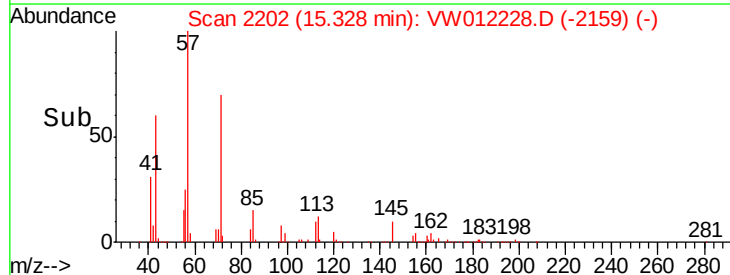
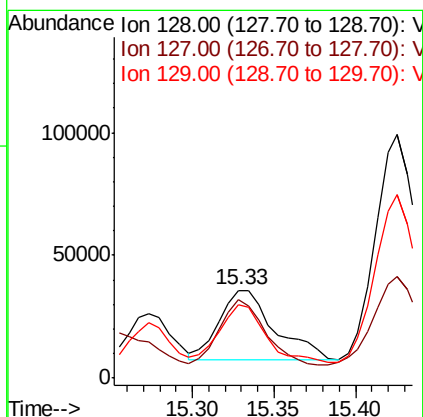
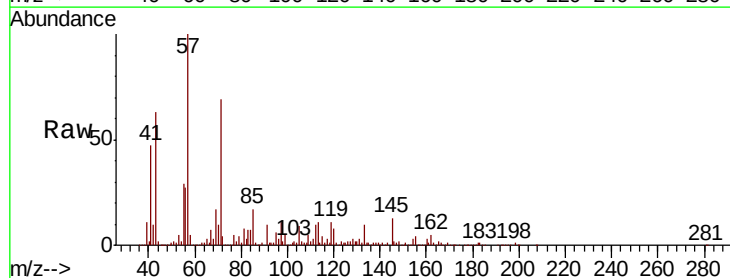
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1

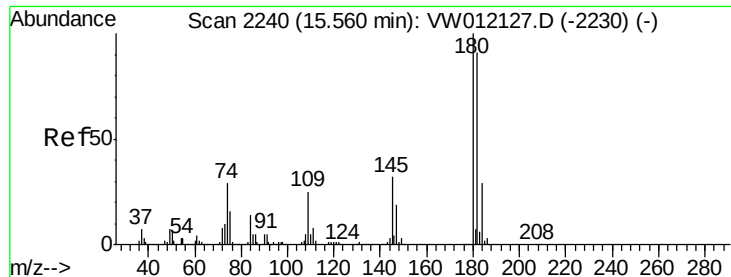
Tgt Ion:180 Resp: 12030
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 2179.0 15.0 45.1#



#95
 Naphthalene
 Concen: 16.115 ug/l
 RT: 15.33 min Scan# 2202
 Delta R.T. -0.04 min
 Lab File: VW012228.D
 Acq: 28 Aug 2019 02:24

Tgt Ion:128 Resp: 66795
 Ion Ratio Lower Upper
 128 100
 127 76.2 10.7 16.1#
 129 69.4 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 5.833 ug/l

RT: 15.58 min Scan# 2243

Delta R.T. 0.02 min

Lab File: VW012228.D

Acq: 28 Aug 2019 02:24

Instrument :

MSVOA_W

ClientSampleId :

B-1

Tgt Ion:180 Resp: 13418

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 3152.3 16.2 48.5#

