

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013276.D
 Acq On : 24 Sep 2019 15:12
 Operator : SY/VA
 Sample : K5008-02RE
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Sep 25 07:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	360865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	541653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	434371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148361	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	7.88	113	148058	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.32	98	640791	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.62	95	200638	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1806	1.063	ug/l #	25
11) Tert butyl alcohol	5.21	59	667	Below Cal	#	73
13) Acrolein	3.88	56	553	3.262	ug/l #	80
15) Acrylonitrile	5.42	53	9667	13.182	ug/l #	38
16) Acetone	4.14	43	86882	130.812	ug/l	96
17) Carbon Disulfide	4.36	76	11117	1.147	ug/l #	94
18) Methyl Acetate	4.67	43	10150	5.437	ug/l	100
20) Methylene Chloride	4.90	84	21946	3.775	ug/l #	82
25) 2-Butanone	7.18	43	13091	13.130	ug/l	98
26) 2,2-Dichloropropane	7.18	77	335	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	5499	8.993	ug/l	94
31) Cyclohexane	7.95	56	149421	23.406	ug/l	96
36) 1,1-Dichloropropene	7.95	75	24025	4.579	ug/l #	53
37) Ethyl Acetate	7.18	43	13091	5.871	ug/l #	80
38) Carbon Tetrachloride	7.94	117	30910	6.572	ug/l #	17
39) Methylcyclohexane	9.33	83	291832	43.285	ug/l	97
40) Benzene	8.32	78	29059	1.986	ug/l	99
41) Methacrylonitrile	7.53	41	4466	3.356	ug/l #	39
43) Isopropyl Acetate	8.41	43	33450	7.828	ug/l #	50
47) Bromodichloromethane	9.61	83	6378	1.445	ug/l #	40
48) Methyl methacrylate	9.51	41	21663	10.781	ug/l #	47
51) 4-Methyl-2-Pentanone	10.24	43	4807	2.244	ug/l #	56
52) Toluene	10.38	92	13121	1.399	ug/l	92
55) 1,1,2-Trichloroethane	10.76	97	100392	38.723	ug/l #	21
56) Ethyl methacrylate	10.62	69	15530	4.577	ug/l	98
59) 2-Hexanone	10.93	43	74297	50.408	ug/l #	29
67) Ethyl Benzene	11.73	91	86248	5.248	ug/l	99
68) m/p-Xylenes	11.83	106	47046	7.512	ug/l	97
69) o-Xylene	12.16	106	33289	5.717	ug/l	99
73) Isopropylbenzene	12.46	105	41080	3.286	ug/l	94
74) N-amyl acetate	12.25	43	99908	36.010	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.69	83	15804	7.558	ug/l #	85
76) 1,2,3-Trichloropropane	12.62	75	84459	56.503	ug/l #	100
78) n-propylbenzene	12.80	91	78059	5.334	ug/l	98

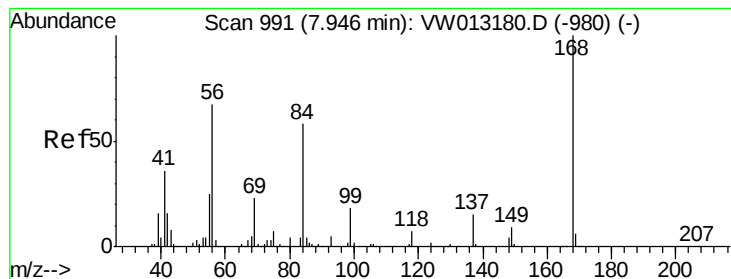
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013276.D
 Acq On : 24 Sep 2019 15:12
 Operator : SY/VA
 Sample : K5008-02RE
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Sep 25 07:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.94	105	17459	1.661	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.62	75	84459	126.788	ug/l #	15
83) tert-Butylbenzene	13.21	119	23660	2.565	ug/l	93
84) 1,2,4-Trimethylbenzene	13.25	105	82148	7.855	ug/l	100
85) sec-Butylbenzene	13.38	105	52170	4.102	ug/l	81
86) p-Isopropyltoluene	13.50	119	48024	4.071	ug/l	92
89) n-Butylbenzene	13.82	91	68086	6.321	ug/l #	64
90) Hexachloroethane	14.10	117	91030	45.936	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.50	75	2535	7.926	ug/l #	6
95) Naphthalene	15.36	128	70328	12.164	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.57	180	4416	1.446	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

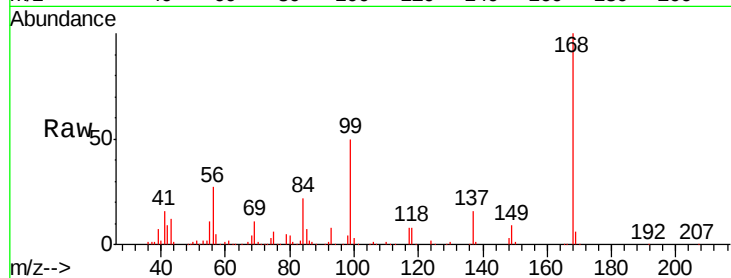
SB-2

Tgt Ion:168 Resp: 360865

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

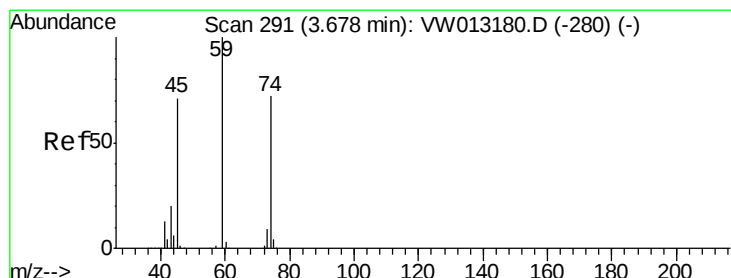
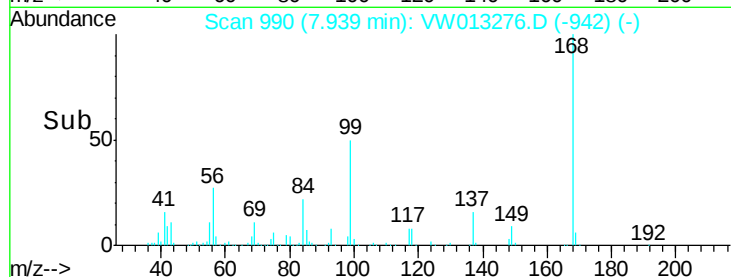
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 1.063 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW013276.D

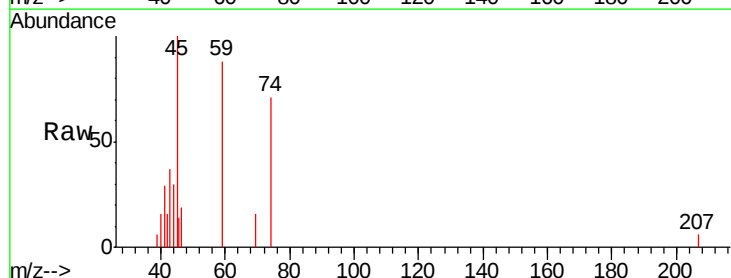
Acq: 24 Sep 2019 15:12

Tgt Ion: 74 Resp: 1806

Ion Ratio Lower Upper

74 100

45 173.6 49.5 148.7#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1200

1000

800

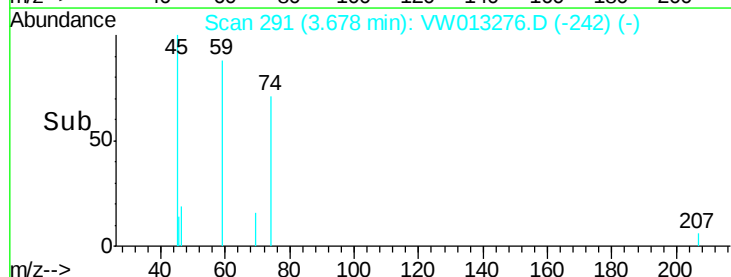
600

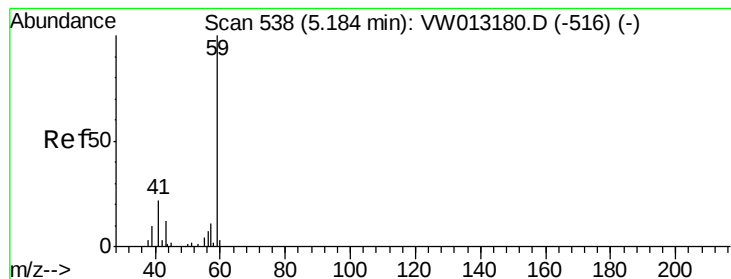
400

200

0

Time--> 3.60 3.65 3.70 3.75



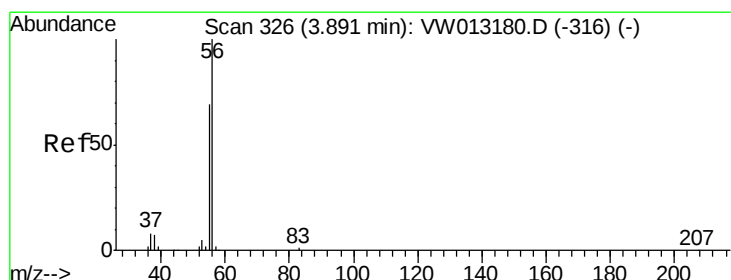
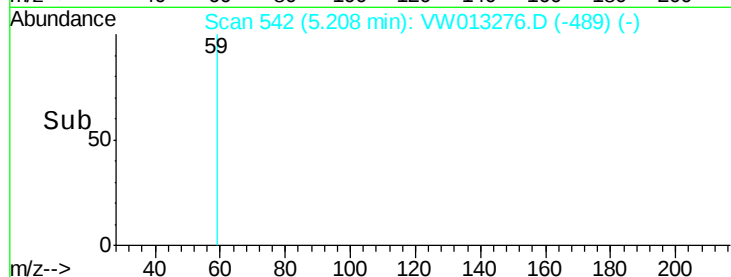
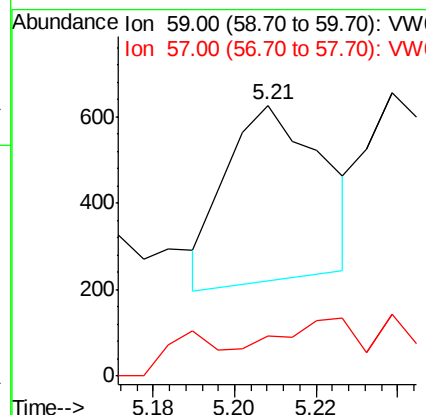
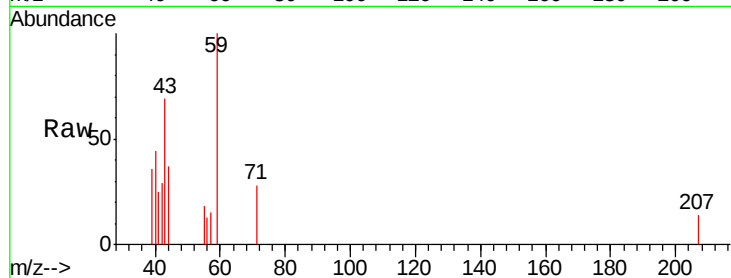


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 542
Delta R.T. 0.03 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Instrument :
MSVOA_W
ClientSampled :
SB-2

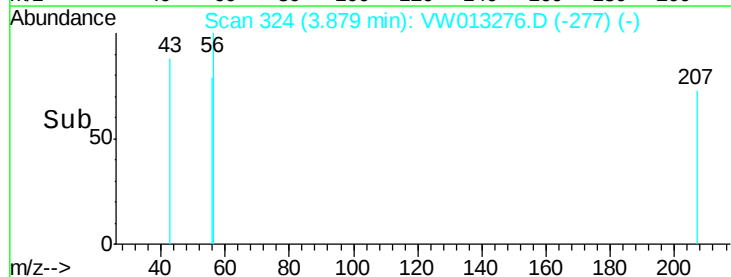
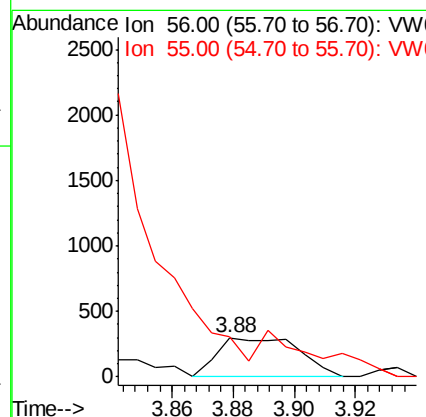
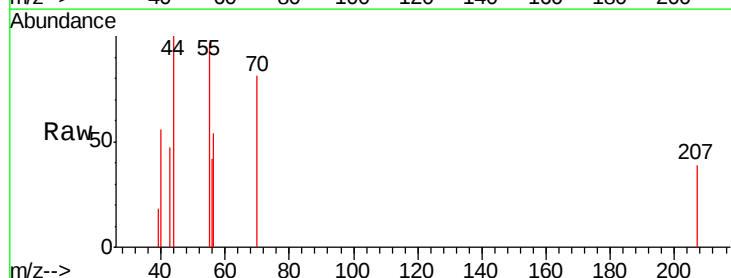
Tgt Ion: 59 Resp: 667
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

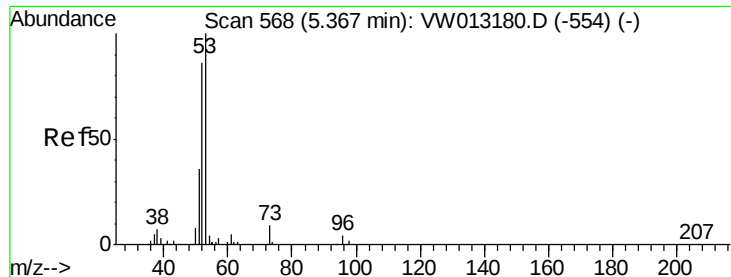


#13

Acrolein
Concen: 3.262 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 85.5 55.4 83.0#





#15

Acrylonitrile

Concen: 13.182 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.05 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

SB-2

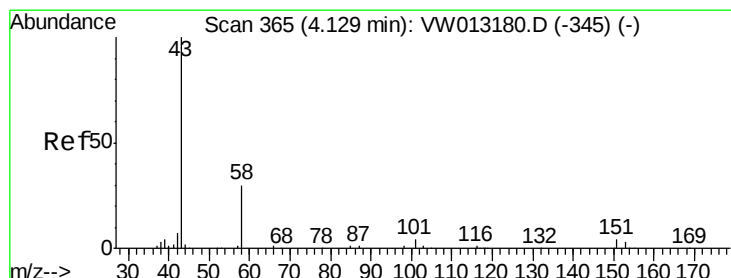
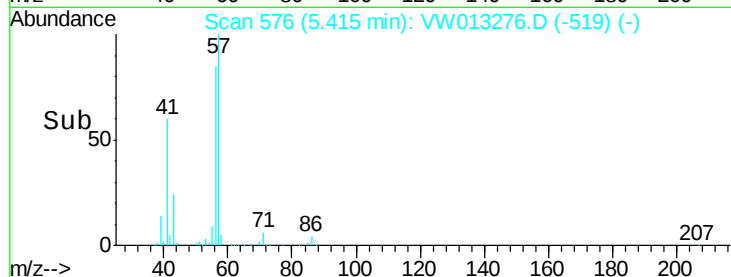
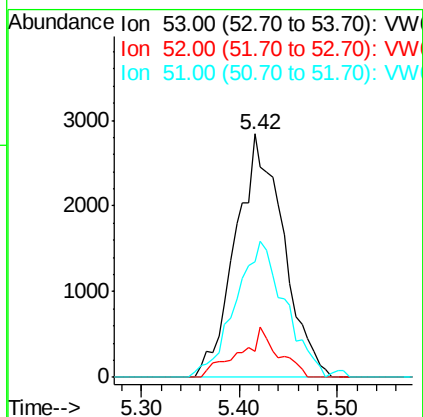
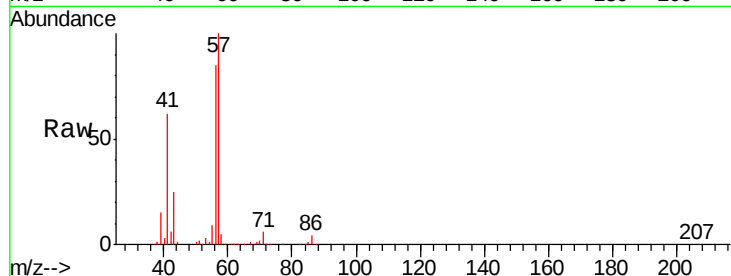
Tgt Ion: 53 Resp: 9667

Ion Ratio Lower Upper

53 100

52 16.4 65.3 97.9#

51 58.1 29.0 43.4#



#16

Acetone

Concen: 130.812 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013276.D

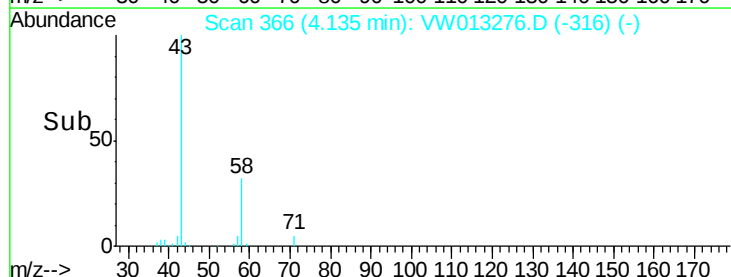
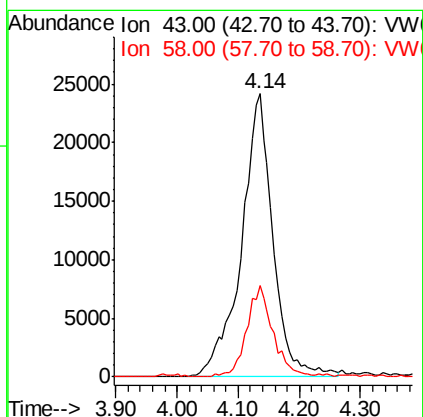
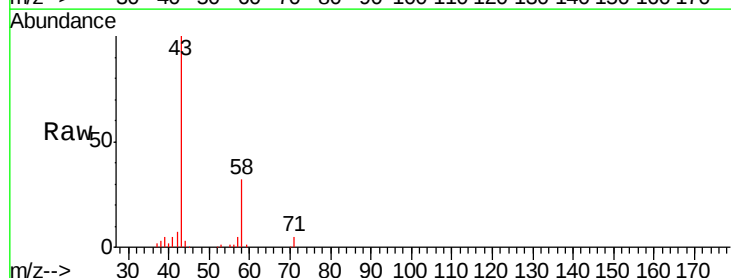
Acq: 24 Sep 2019 15:12

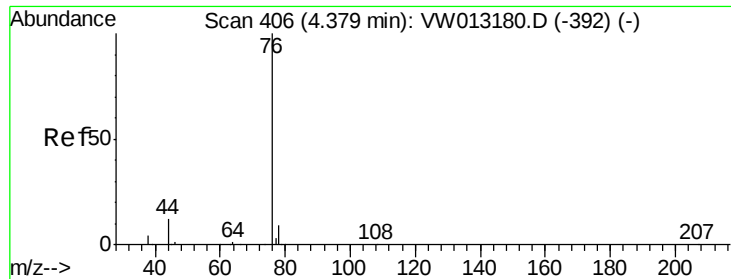
Tgt Ion: 43 Resp: 86882

Ion Ratio Lower Upper

43 100

58 32.2 24.1 36.1

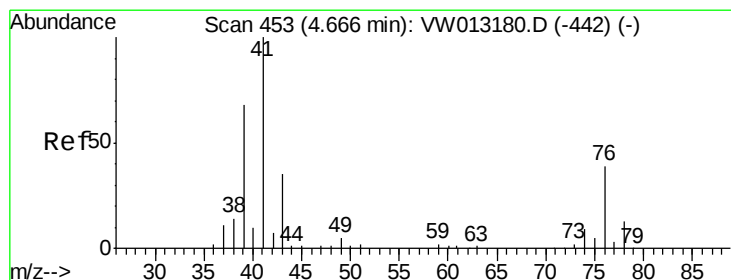
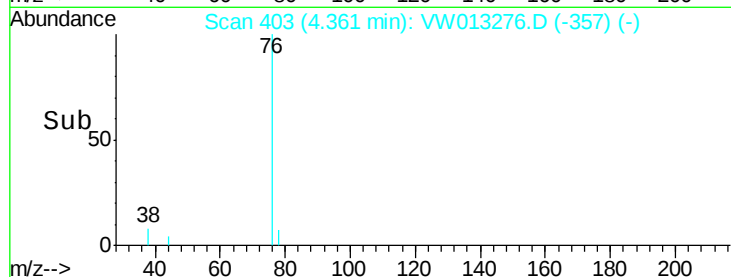
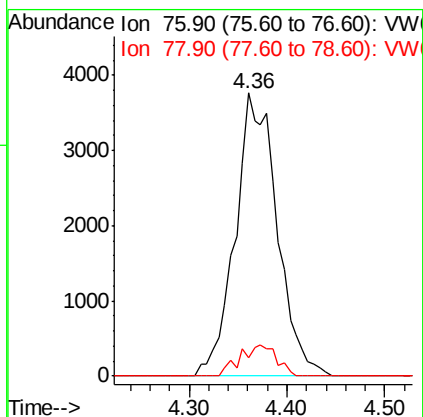
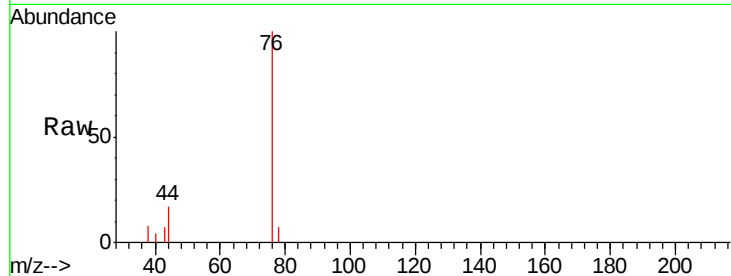




#17
Carbon Disulfide
Concen: 1.147 ug/l
RT: 4.36 min Scan# 403
Delta R.T. -0.02 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

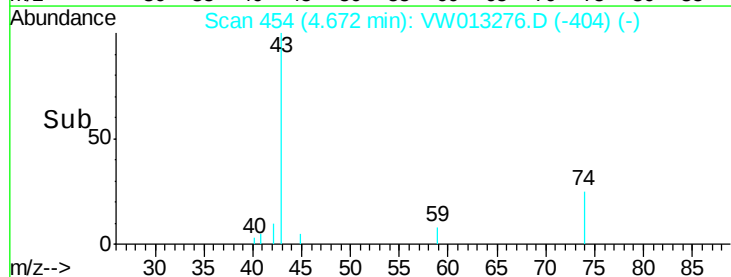
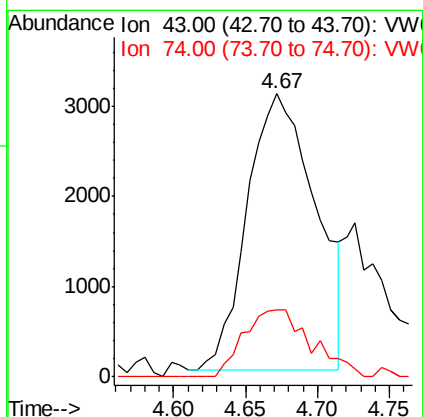
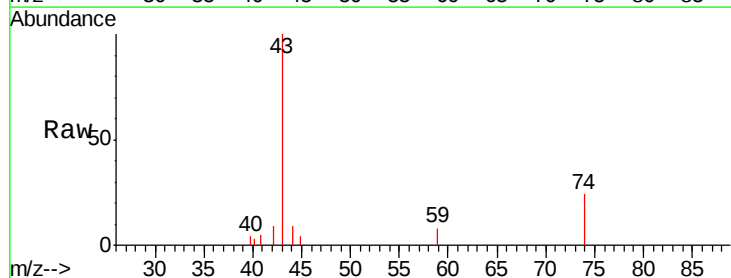
Instrument :
MSVOA_W
ClientSampled :
SB-2

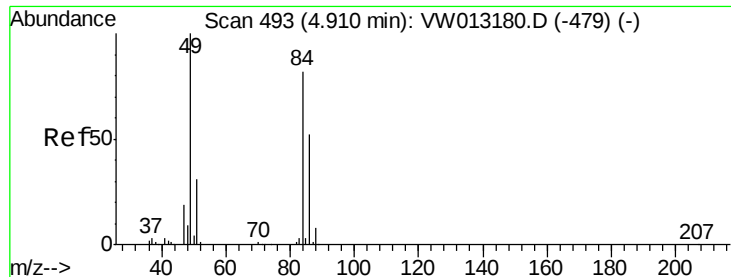
Tgt Ion: 76 Resp: 11117
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.4#



#18
Methyl Acetate
Concen: 5.437 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 43 Resp: 10150
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9

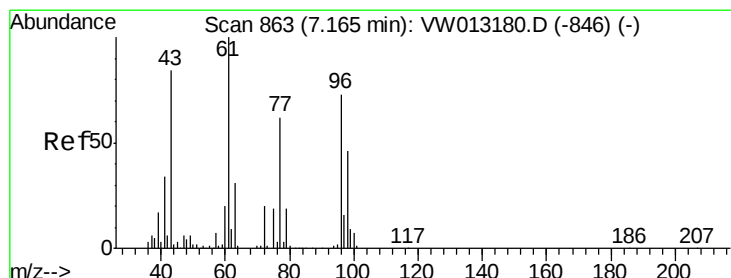
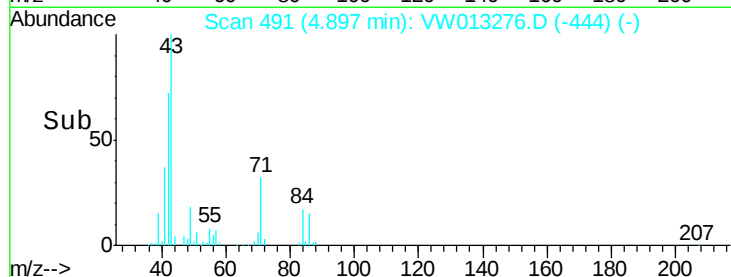
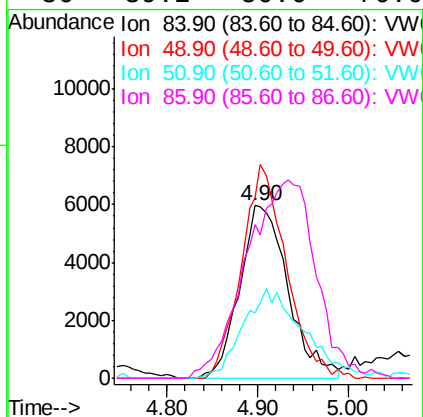
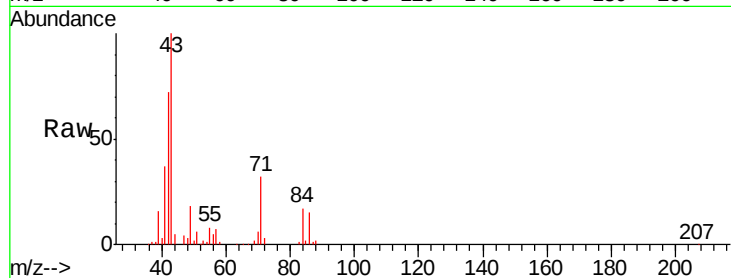




#20
Methylene Chloride
Concen: 3.775 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

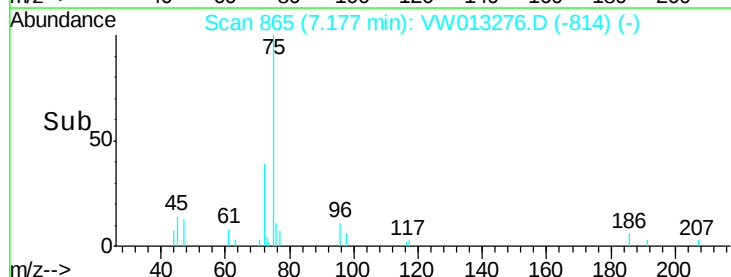
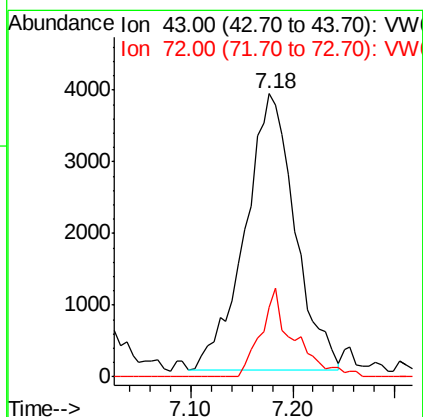
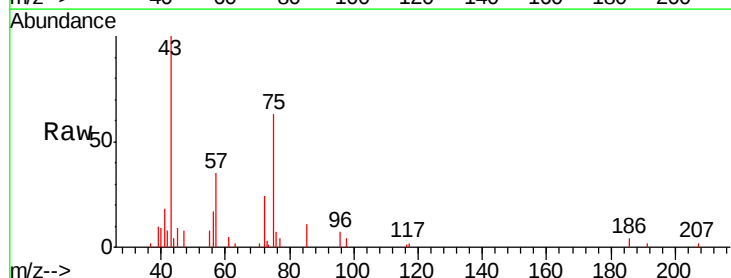
Instrument :
MSVOA_W
ClientSampleId :
SB-2

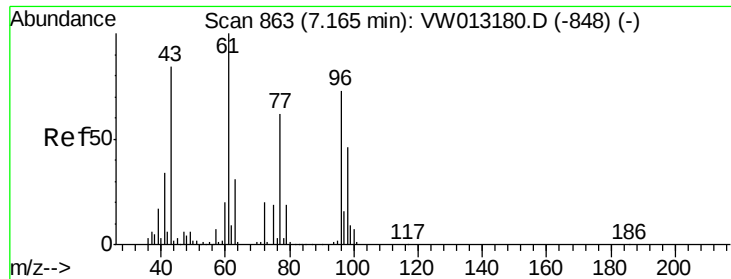
Tgt Ion: 84 Resp: 21946
Ion Ratio Lower Upper
84 100
49 104.5 97.6 146.4
51 37.6 30.2 45.2
86 89.2 50.6 76.0#



#25
2-Butanone
Concen: 13.130 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 43 Resp: 13091
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.0





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

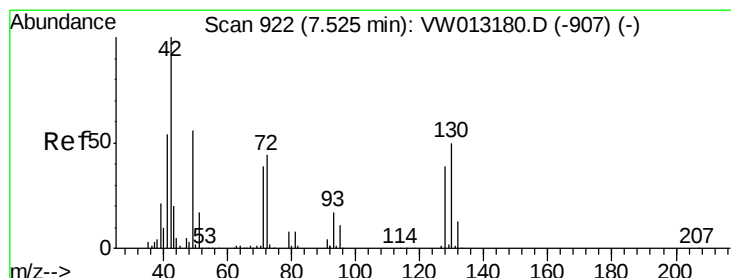
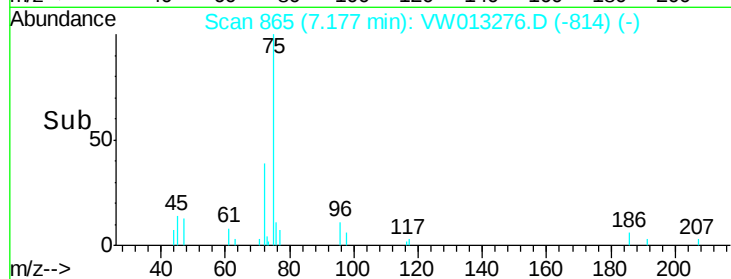
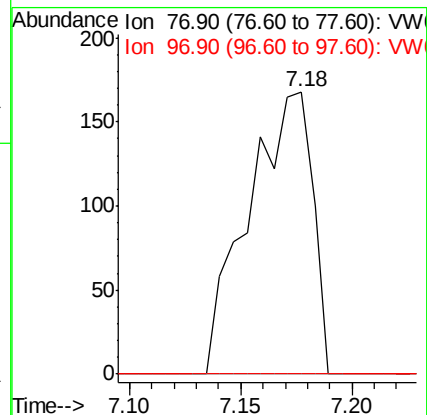
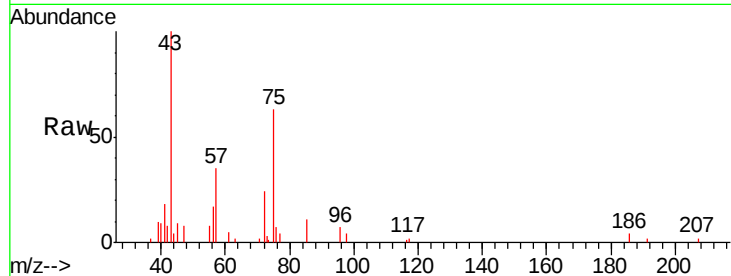
SB-2

Tgt Ion: 77 Resp: 335

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#29

Tetrahydrofuran

Concen: 8.993 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

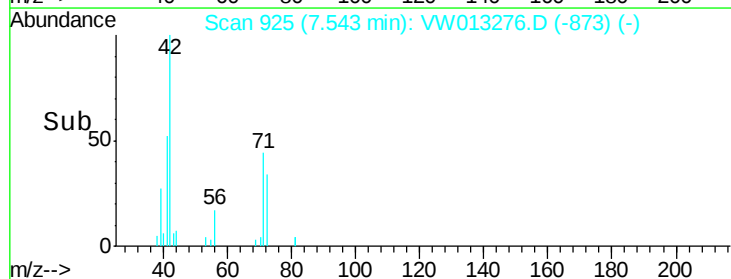
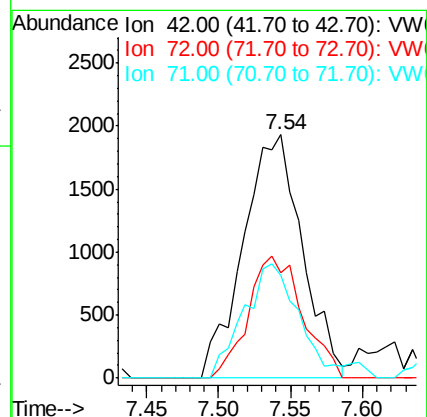
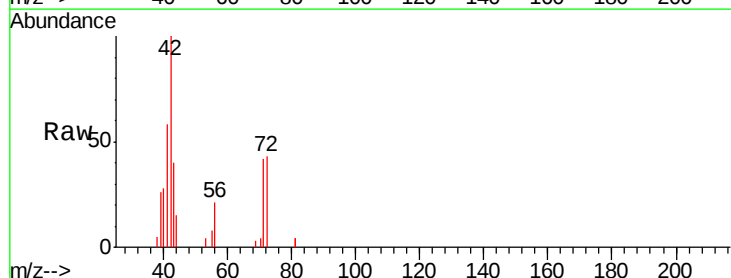
Tgt Ion: 42 Resp: 5499

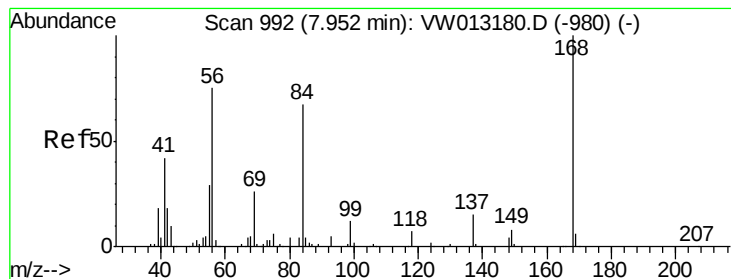
Ion Ratio Lower Upper

42 100

72 45.9 33.9 50.9

71 44.0 31.9 47.9





#31

Cyclohexane

Concen: 23.406 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

SB-2

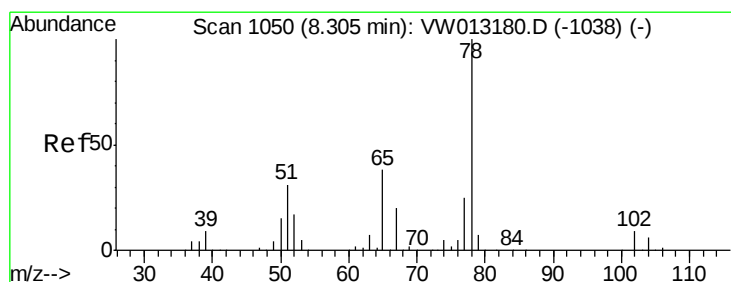
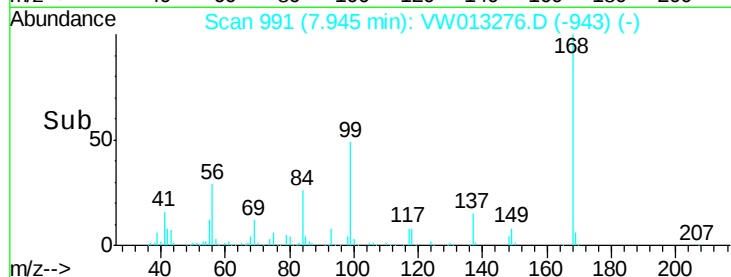
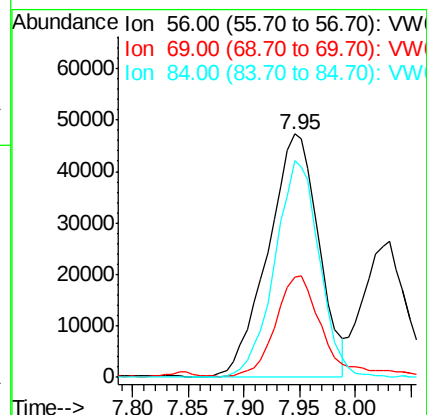
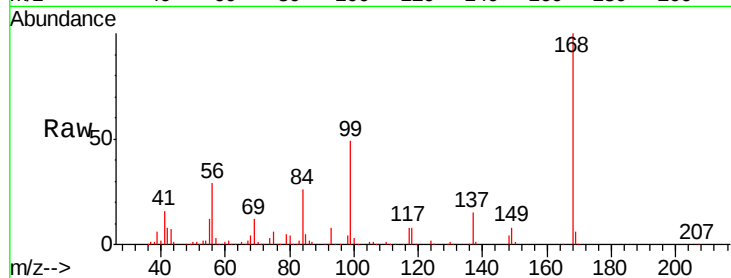
Tgt Ion: 56 Resp: 149421

Ion Ratio Lower Upper

56 100

69 40.2 27.2 40.8

84 89.4 70.8 106.2



#33

1,2-Dichloroethane-d4

Concen: 50.374 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013276.D

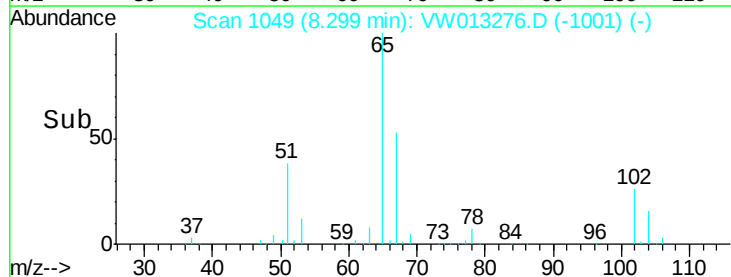
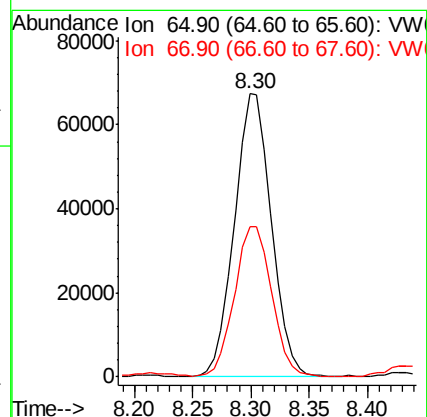
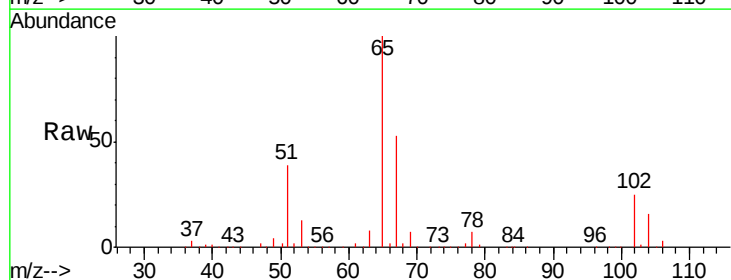
Acq: 24 Sep 2019 15:12

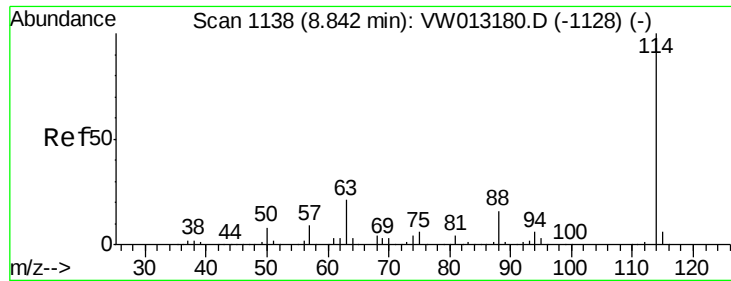
Tgt Ion: 65 Resp: 148361

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2

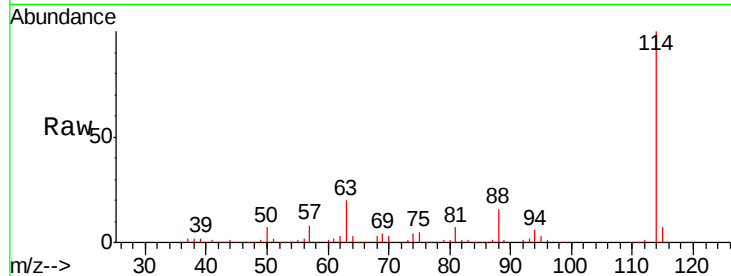




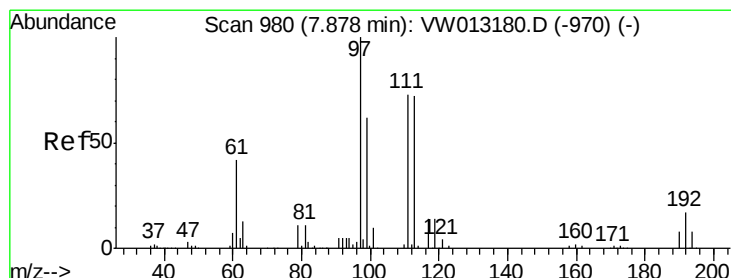
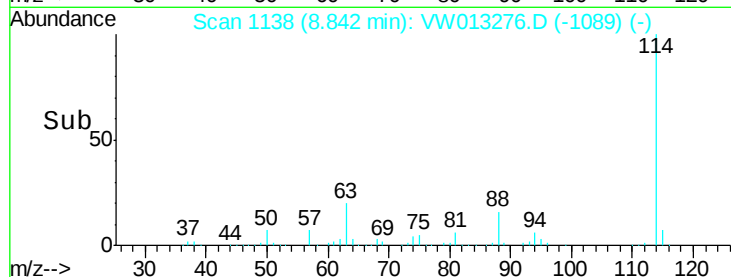
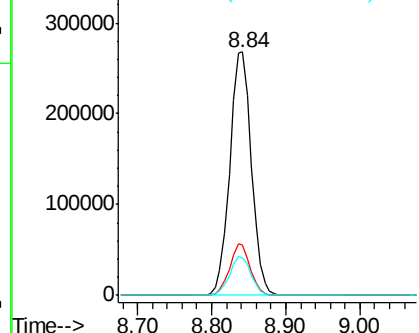
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
SB-2

Tgt Ion:114 Resp: 541653
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.4
88 15.6 0.0 32.0

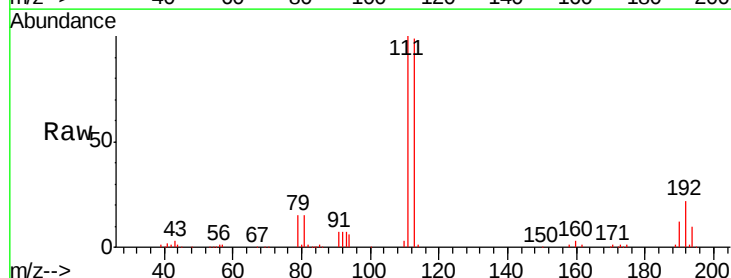


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

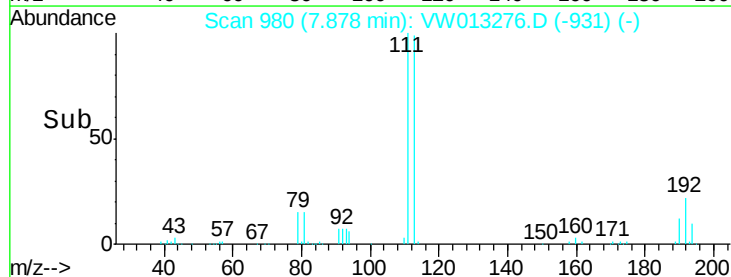
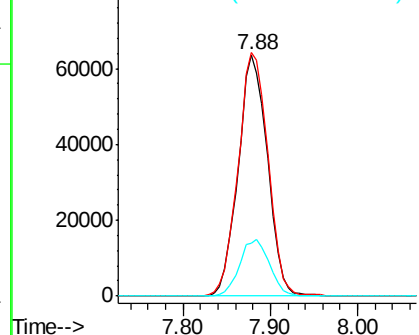


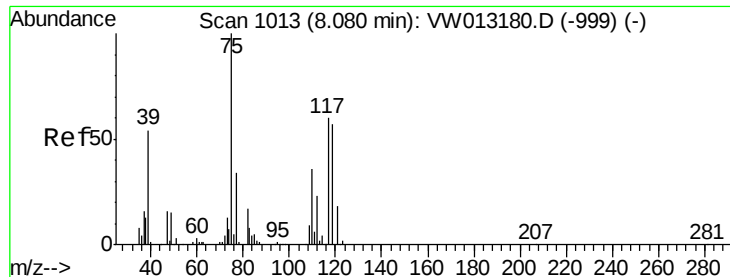
#35
Dibromofluoromethane
Concen: 49.699 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion:113 Resp: 148058
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.9 19.1 28.7



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





#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

SB-2

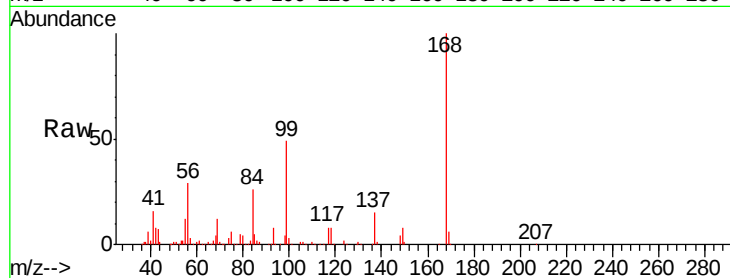
Tgt Ion: 75 Resp: 24025

Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.3#

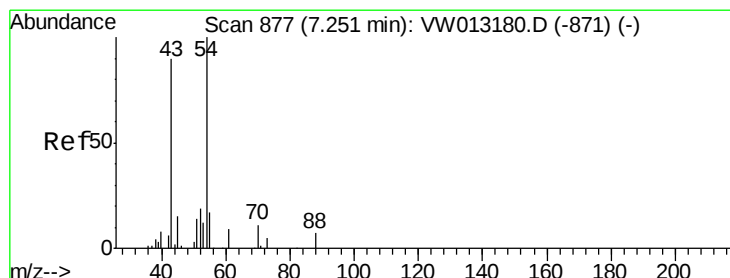
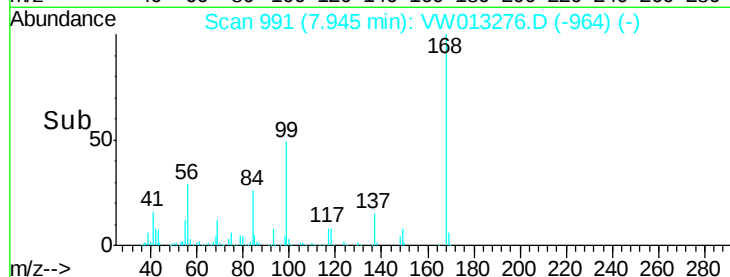
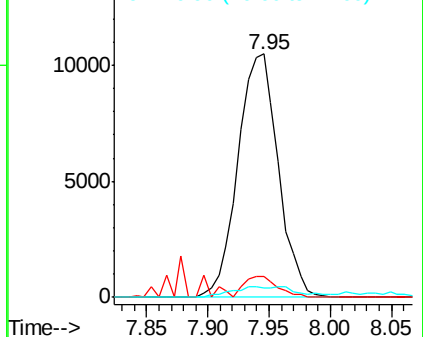
77 7.1 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 5.871 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

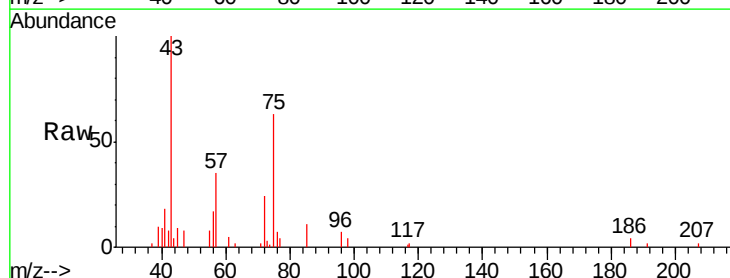
Tgt Ion: 43 Resp: 13091

Ion Ratio Lower Upper

43 100

61 7.6 10.9 16.3#

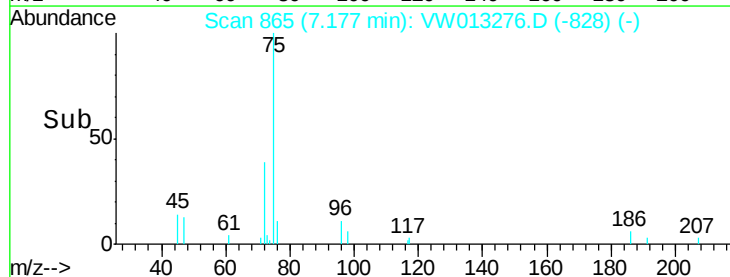
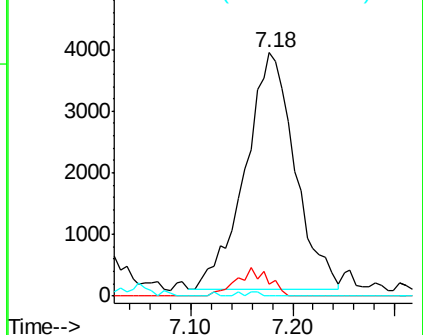
70 0.6 8.2 12.2#

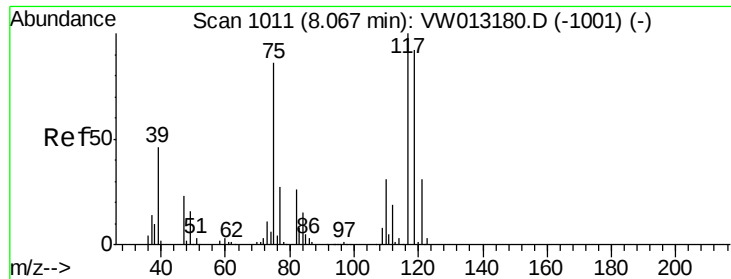


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

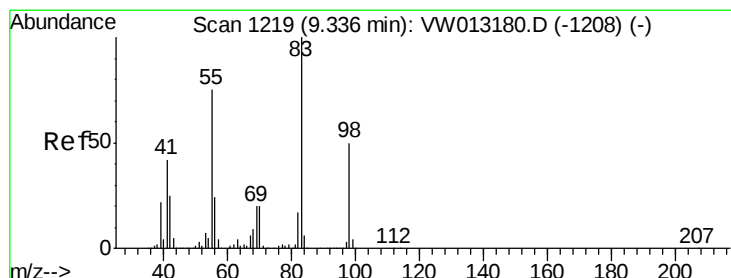
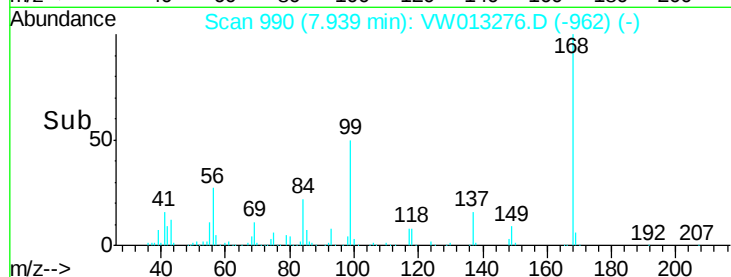
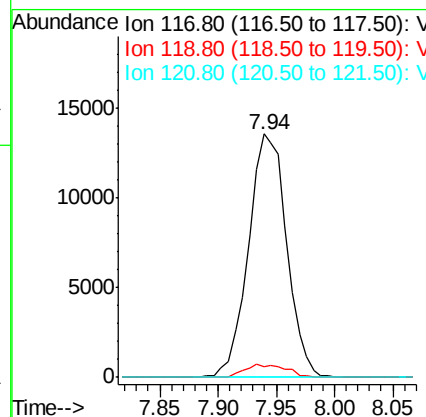
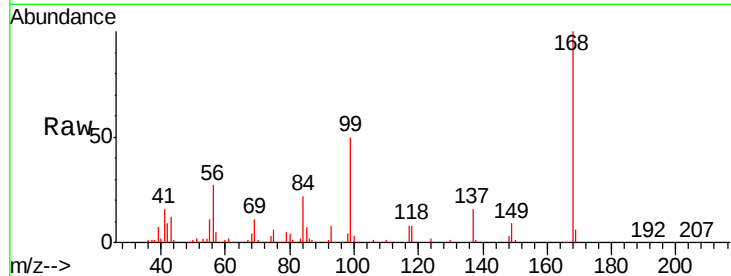




#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

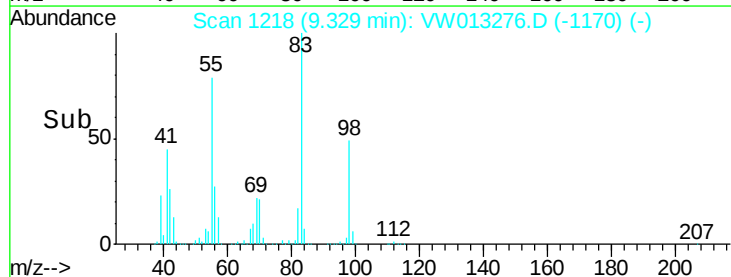
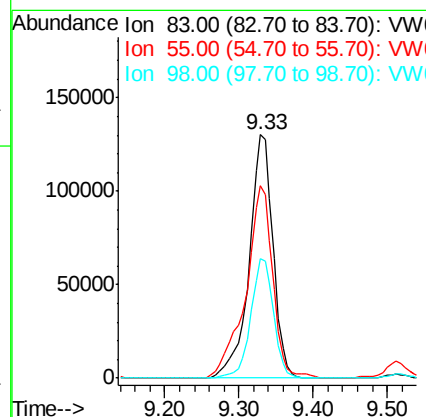
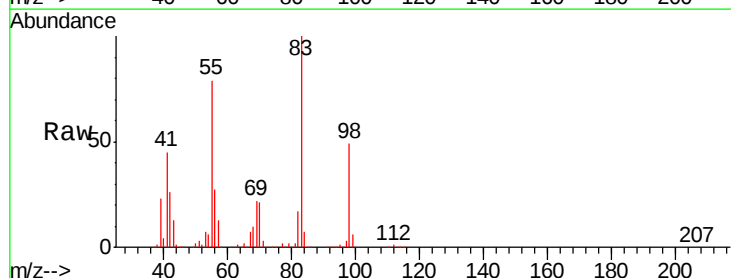
Instrument :
MSVOA_W
ClientSampled :
SB-2

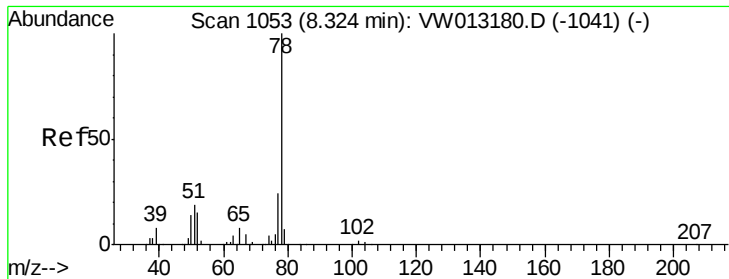
Tgt Ion:117 Resp: 30910
Ion Ratio Lower Upper
117 100
119 4.6 73.5 110.3#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 43.285 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 83 Resp: 291832
Ion Ratio Lower Upper
83 100
55 78.8 60.4 90.6
98 49.1 40.0 60.0





#40

Benzene

Concen: 1.986 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

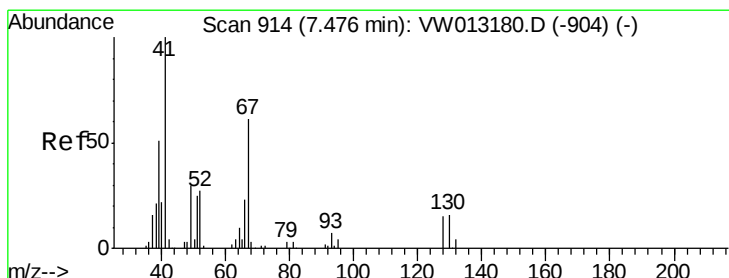
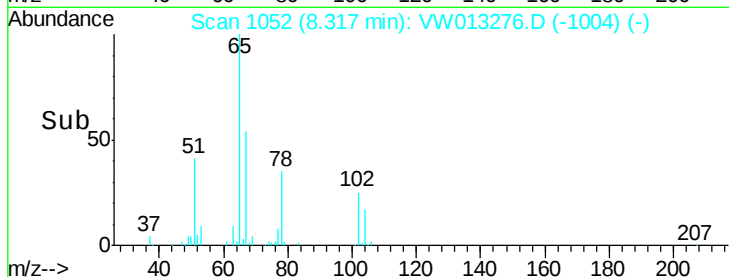
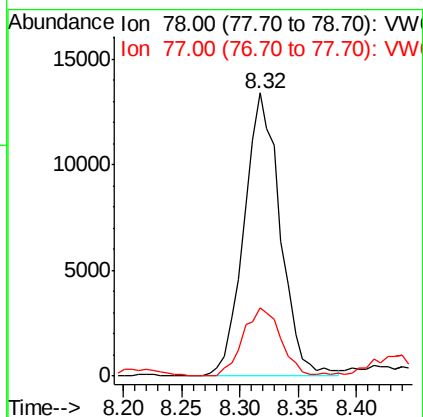
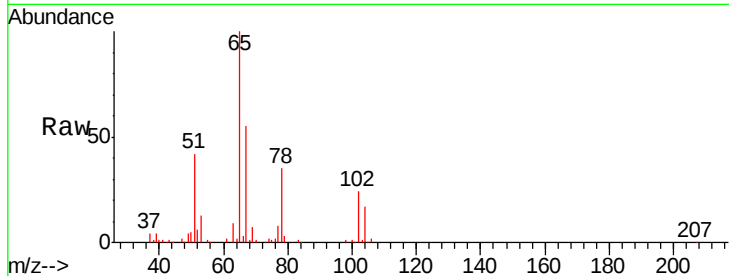
SB-2

Tgt Ion: 78 Resp: 29059

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



#41

Methacrylonitrile

Concen: 3.356 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Tgt Ion: 41 Resp: 4466

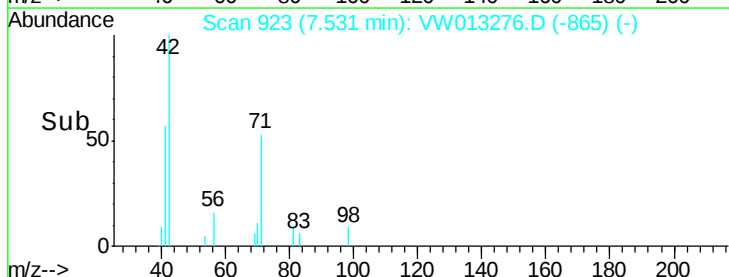
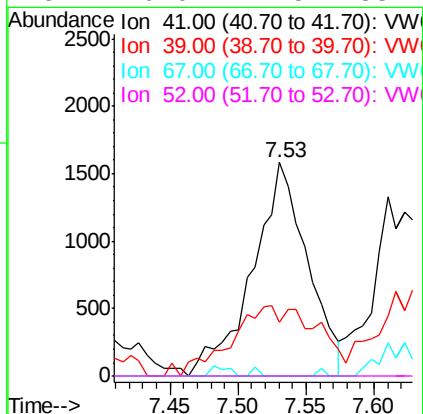
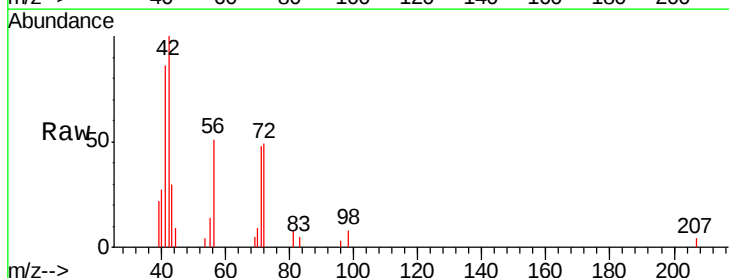
Ion Ratio Lower Upper

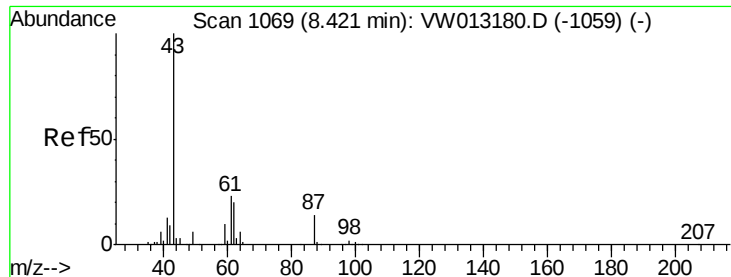
41 100

39 30.0 45.9 68.9#

67 0.0 54.5 81.7#

52 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 7.828 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

SB-2

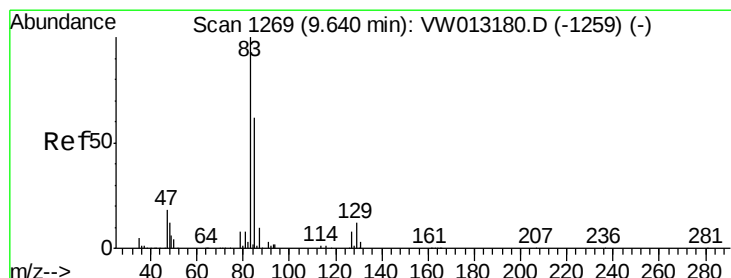
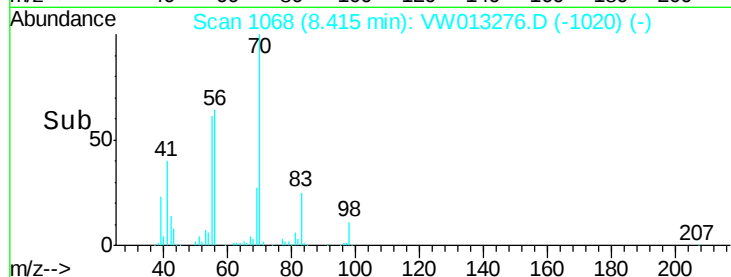
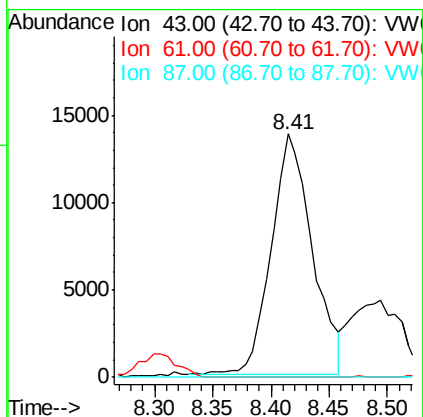
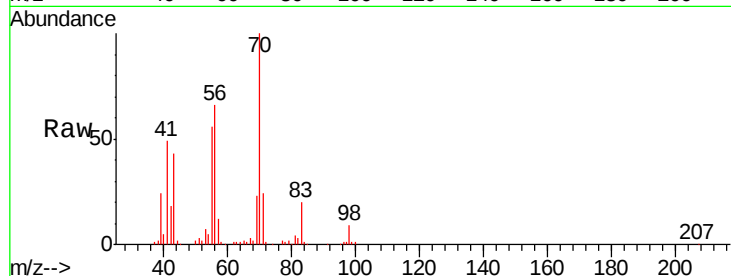
Tgt Ion: 43 Resp: 33450

Ion Ratio Lower Upper

43 100

61 0.0 25.5 38.3#

87 0.0 11.0 16.4#



#47

Bromodichloromethane

Concen: 1.445 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

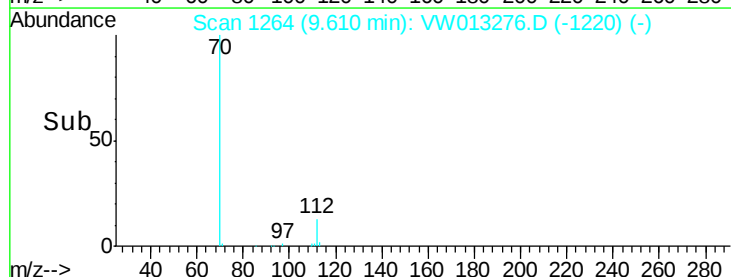
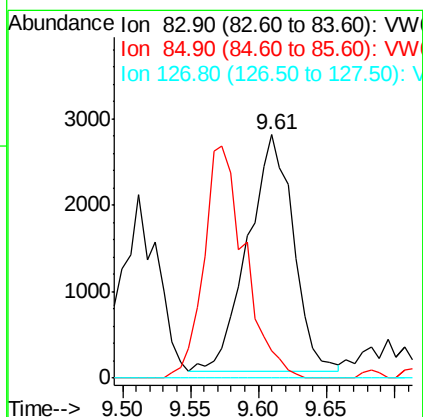
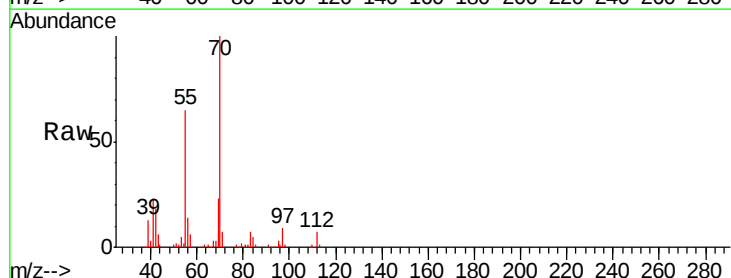
Tgt Ion: 83 Resp: 6378

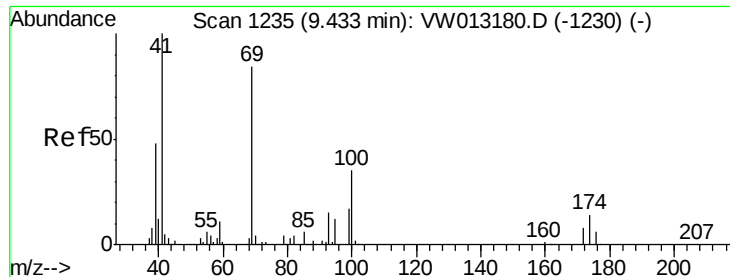
Ion Ratio Lower Upper

83 100

85 11.6 49.4 74.2#

127 0.0 6.5 9.7#

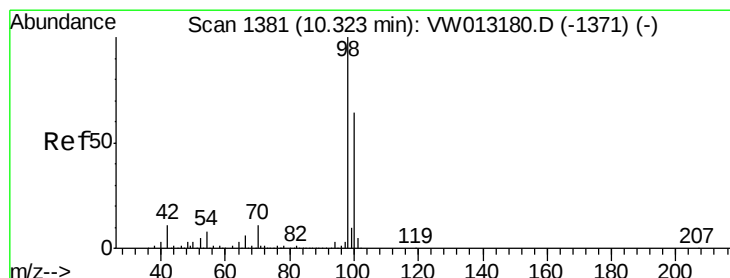
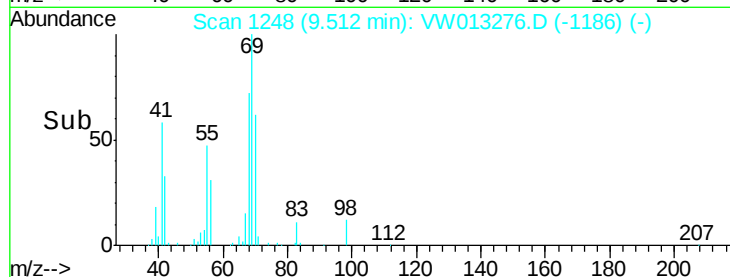
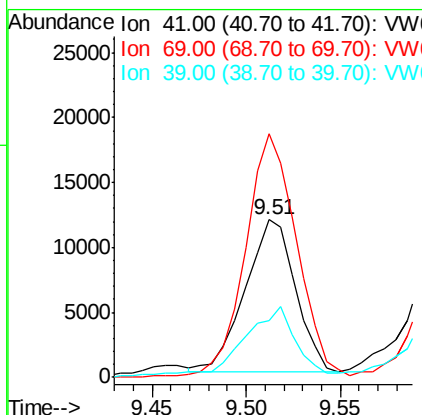
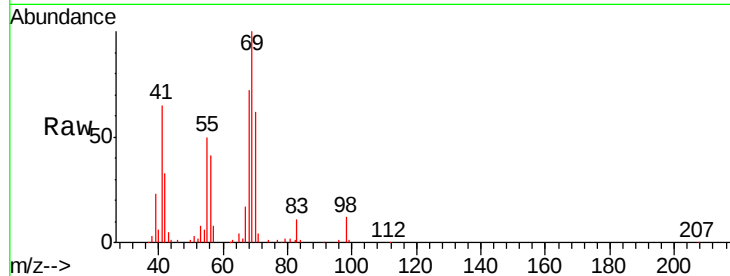




#48
Methyl methacrylate
Concen: 10.781 ug/l
RT: 9.51 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

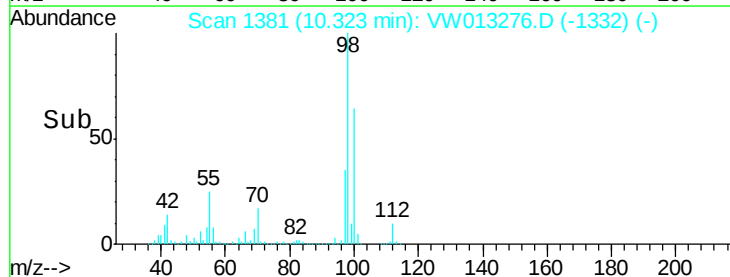
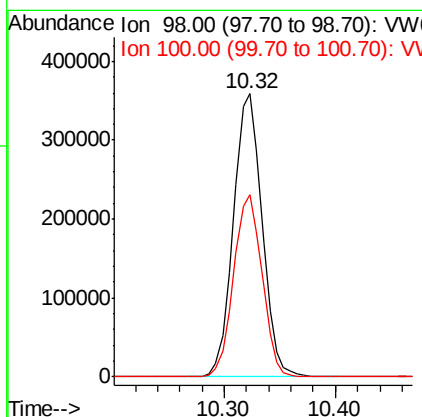
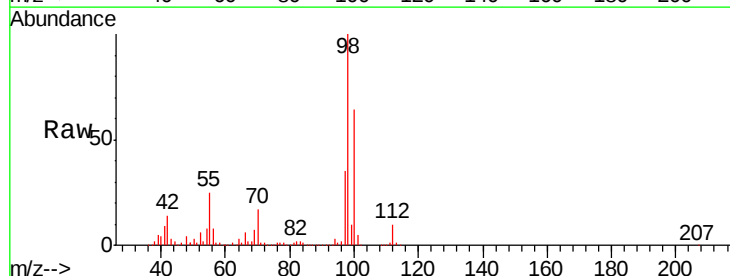
Instrument :
MSVOA_W
ClientSampled :
SB-2

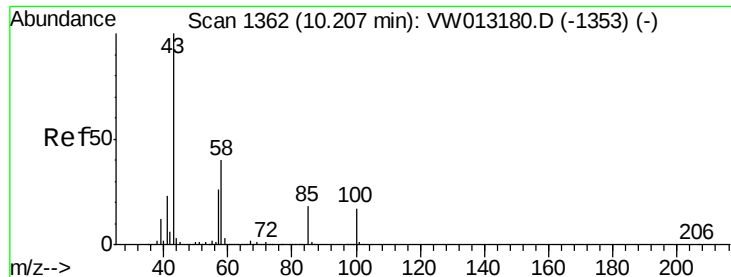
Tgt Ion: 41 Resp: 21663
Ion Ratio Lower Upper
41 100
69 163.1 69.7 104.5#
39 48.7 41.1 61.7



#50
Toluene-d8
Concen: 51.395 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 98 Resp: 640791
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3

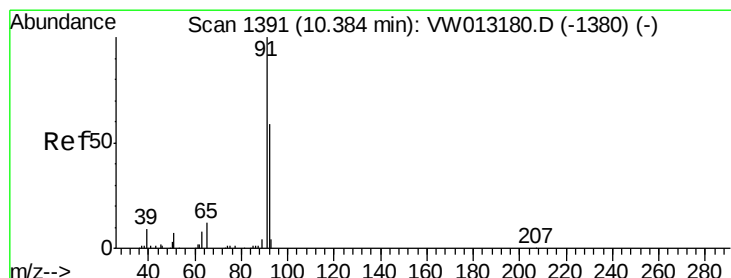
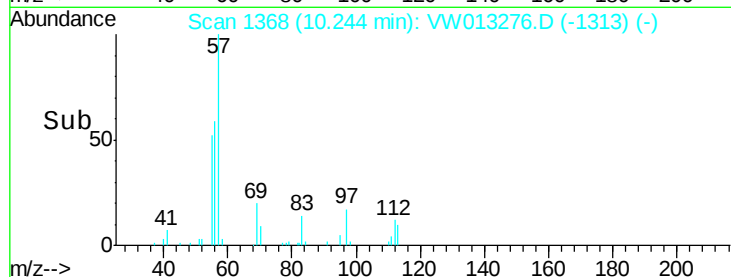
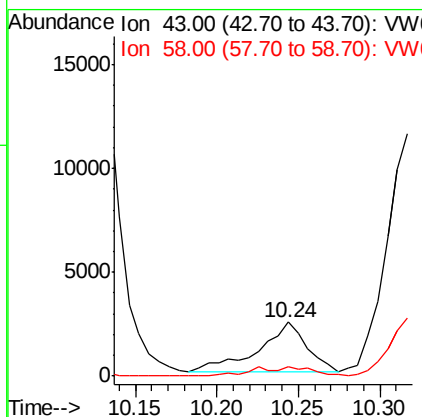
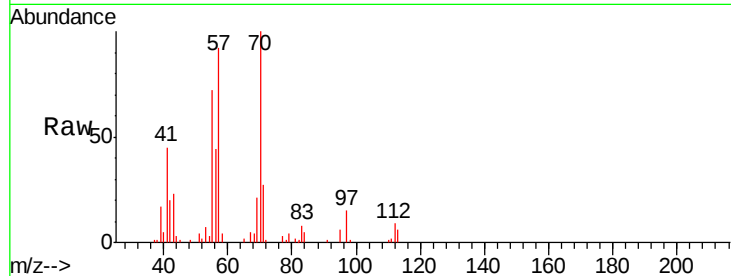




#51
 4-Methyl-2-Pentanone
 Concen: 2.244 ug/l
 RT: 10.24 min Scan# 1368
 Delta R.T. 0.04 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

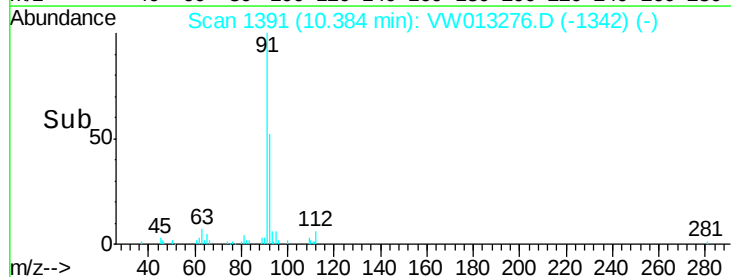
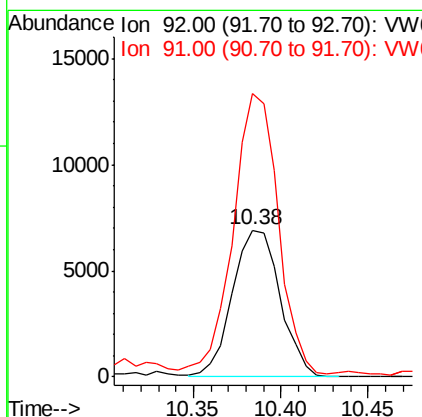
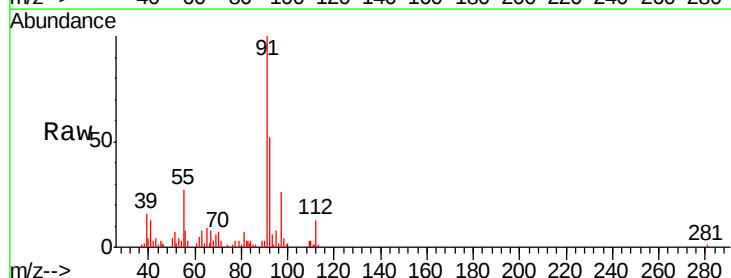
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

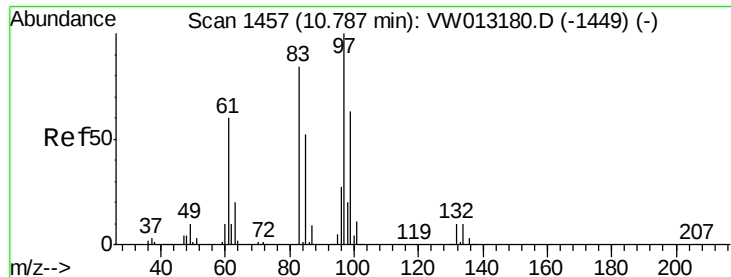
Tgt Ion: 43 Resp: 4807
 Ion Ratio Lower Upper
 43 100
 58 12.4 31.7 47.5#



#52
 Toluene
 Concen: 1.399 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Tgt Ion: 92 Resp: 13121
 Ion Ratio Lower Upper
 92 100
 91 180.5 135.7 203.5

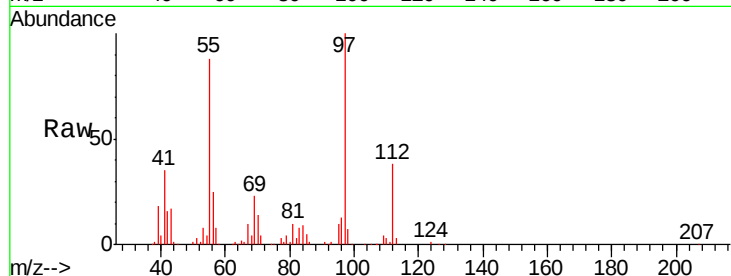




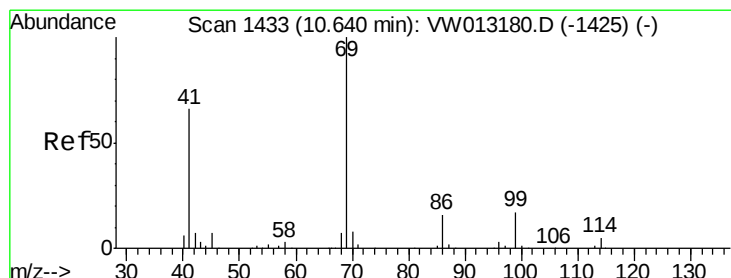
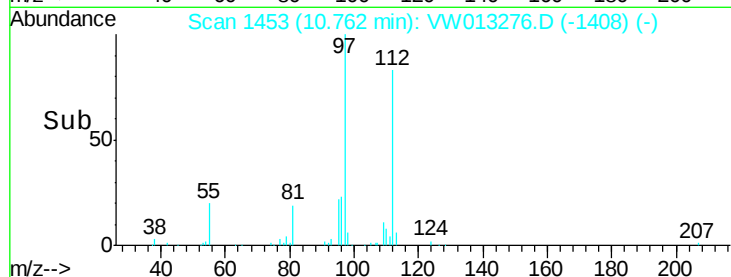
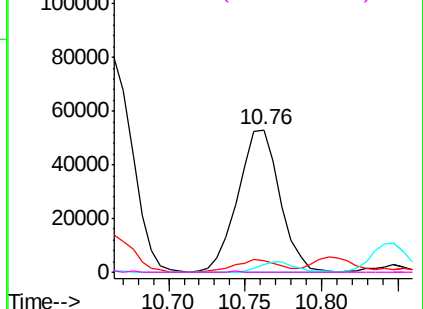
#55
 1,1,2-Trichloroethane
 Concen: 38.723 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Tgt Ion: 97 Resp: 100392
 Ion Ratio Lower Upper
 97 100
 83 7.7 67.6 101.4#
 85 5.1 41.9 62.9#
 99 0.3 50.1 75.1#

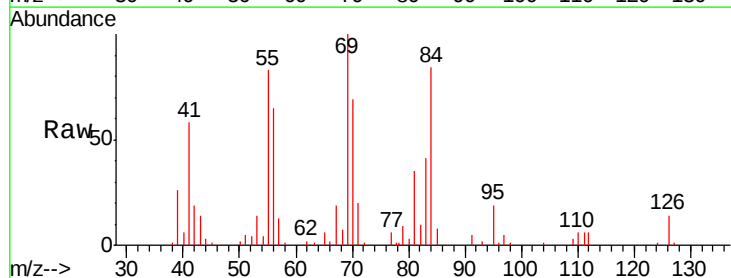


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

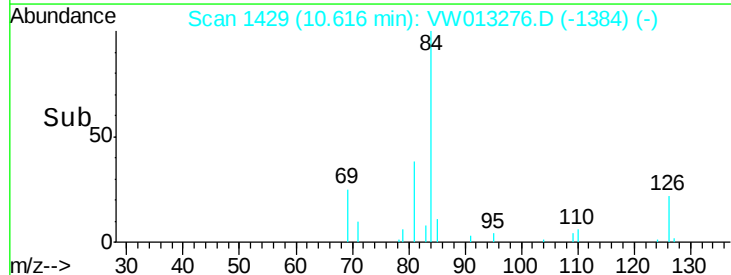
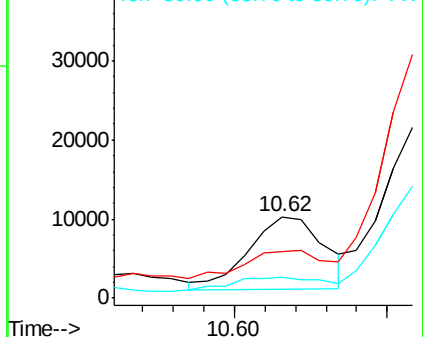


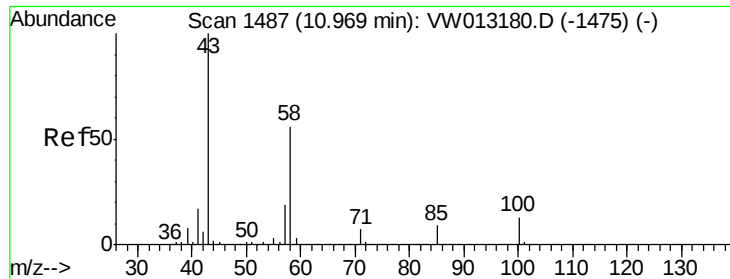
#56
 Ethyl methacrylate
 Concen: 4.577 ug/l
 RT: 10.62 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Tgt Ion: 69 Resp: 15530
 Ion Ratio Lower Upper
 69 100
 41 69.4 53.9 80.9
 39 30.7 23.8 35.6



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

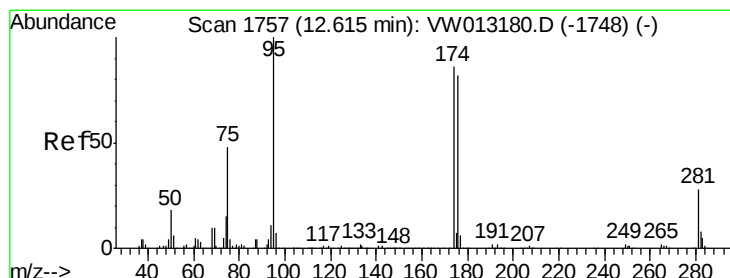
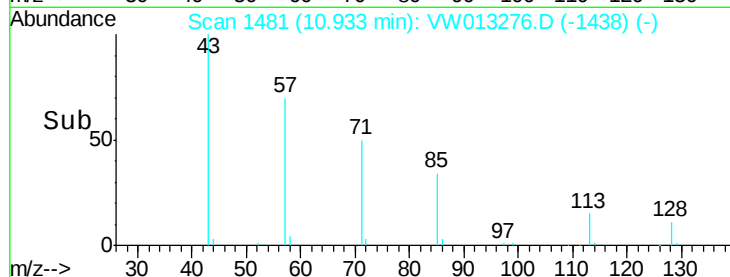
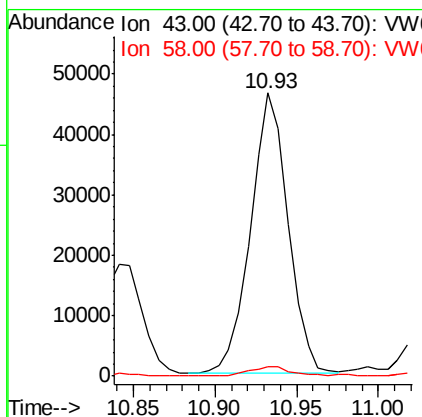
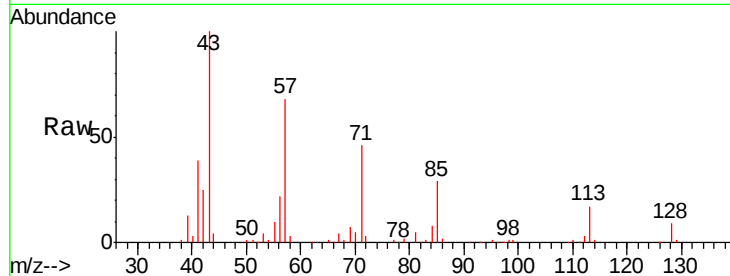




#59
2-Hexanone
Concen: 50.408 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

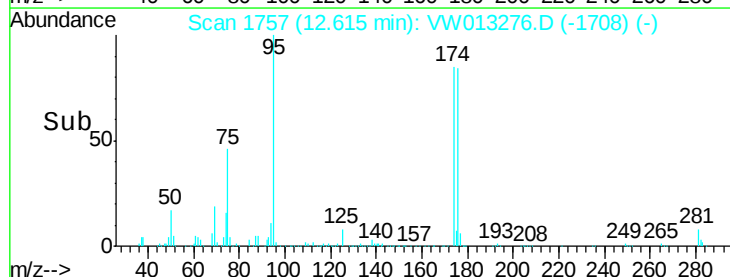
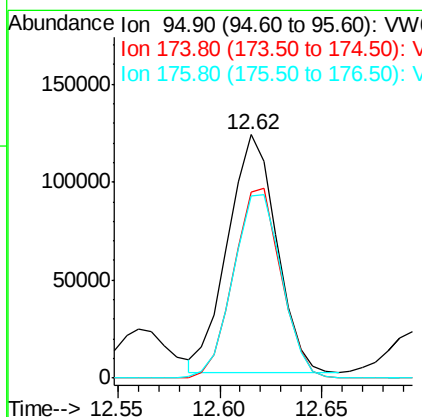
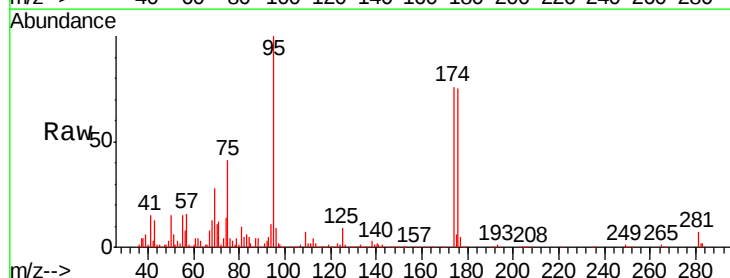
Instrument :
MSVOA_W
ClientSampled :
SB-2

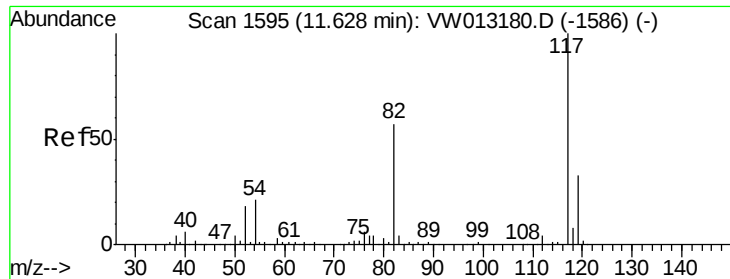
Tgt Ion: 43 Resp: 74297
Ion Ratio Lower Upper
43 100
58 4.2 28.1 84.2#



#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 95 Resp: 200638
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.4
176 77.5 0.0 172.2

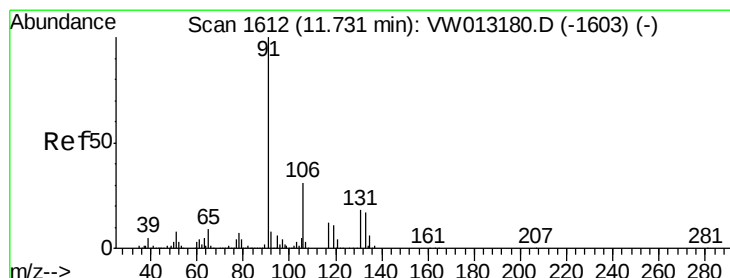
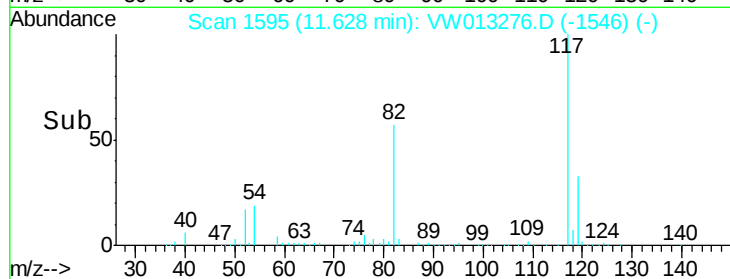
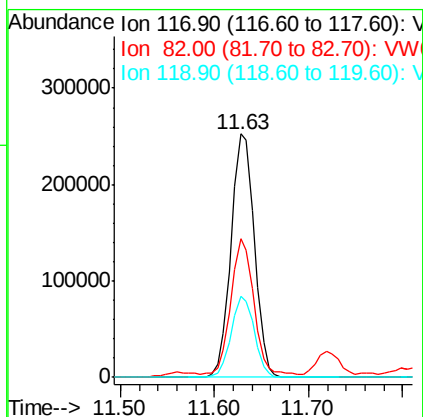
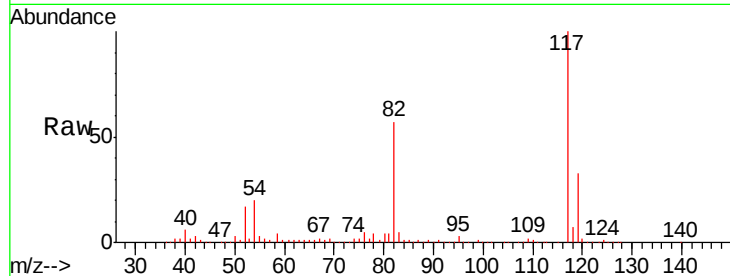




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

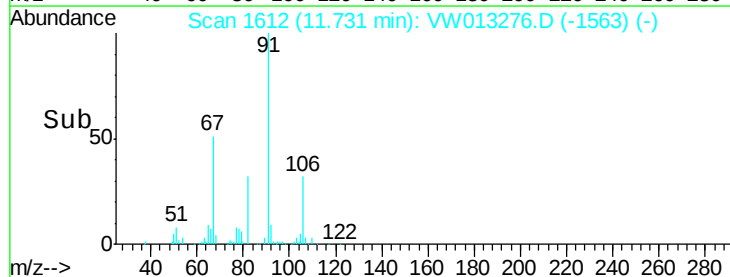
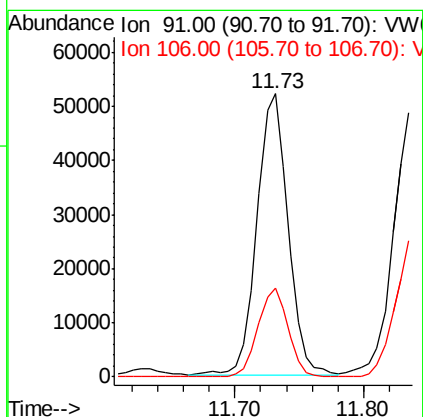
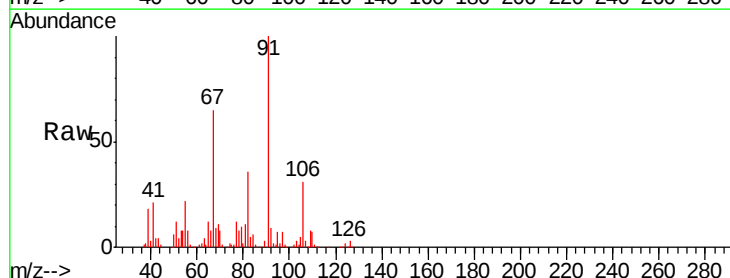
Instrument :
MSVOA_W
ClientSampleId :
SB-2

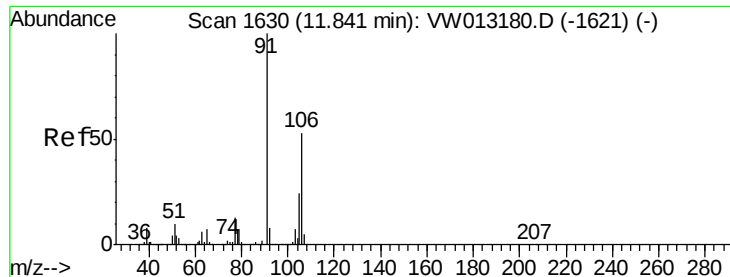
Tgt Ion: 117 Resp: 434371
Ion Ratio Lower Upper
117 100
82 55.1 45.9 68.9
119 33.4 26.2 39.2



#67
Ethyl Benzene
Concen: 5.248 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion: 91 Resp: 86248
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

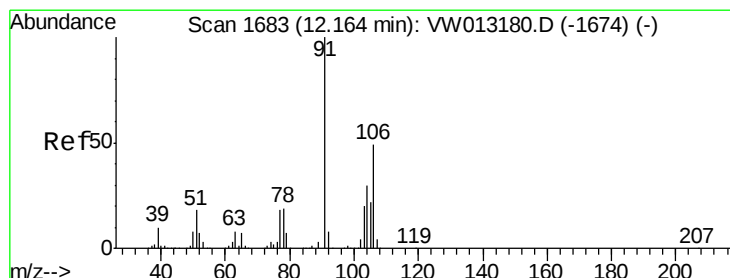
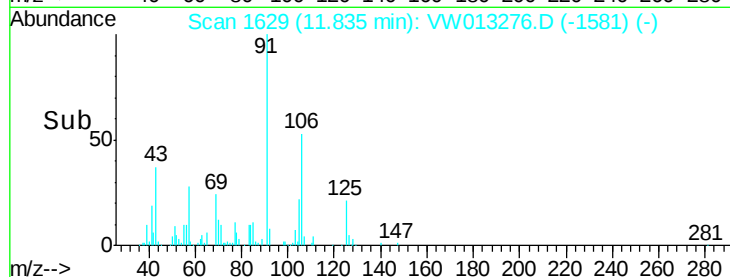
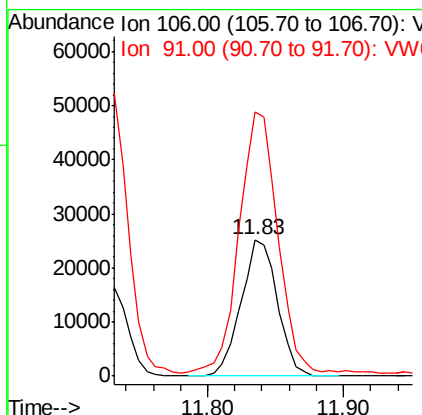
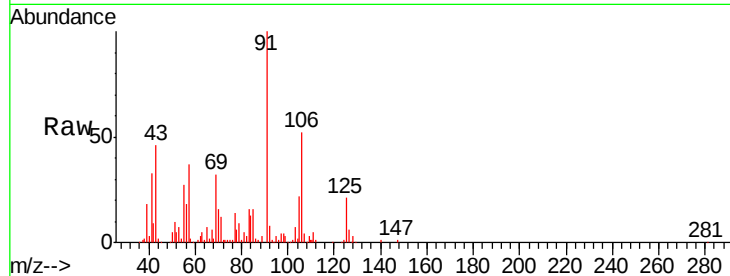




#68
m/p-Xylenes
Concen: 7.512 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

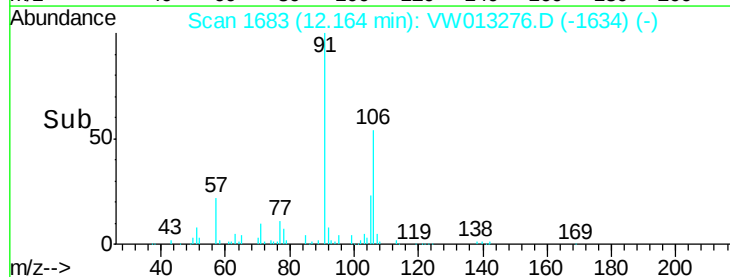
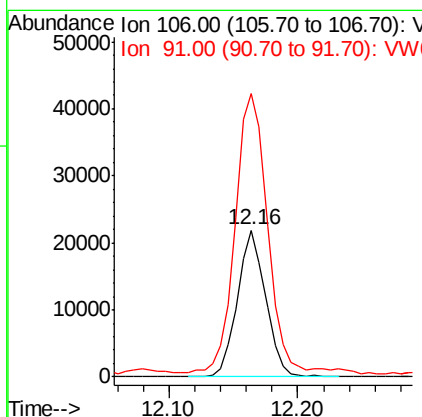
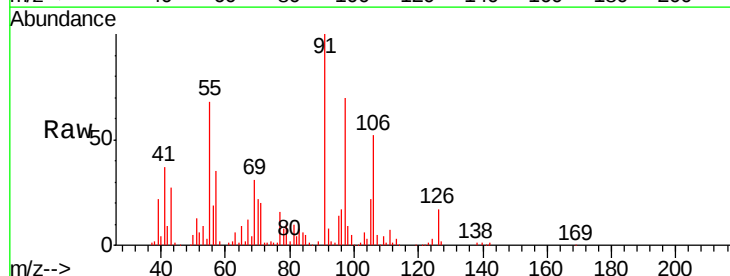
Instrument :
MSVOA_W
ClientSampled :
SB-2

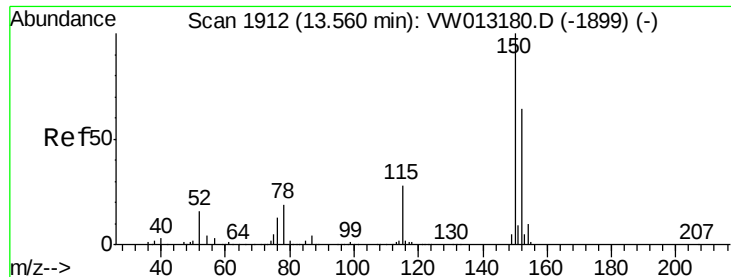
Tgt Ion:106 Resp: 47046
Ion Ratio Lower Upper
106 100
91 202.1 157.9 236.9



#69
o-Xylene
Concen: 5.717 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion:106 Resp: 33289
Ion Ratio Lower Upper
106 100
91 214.6 106.5 319.5



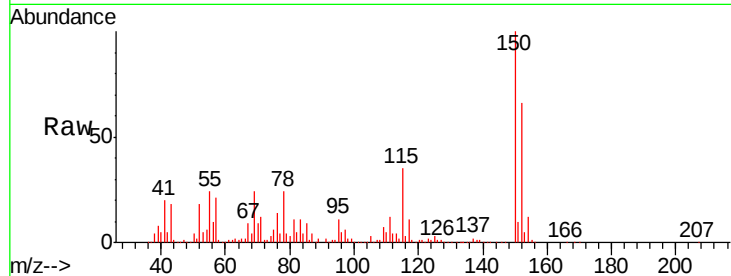


#72

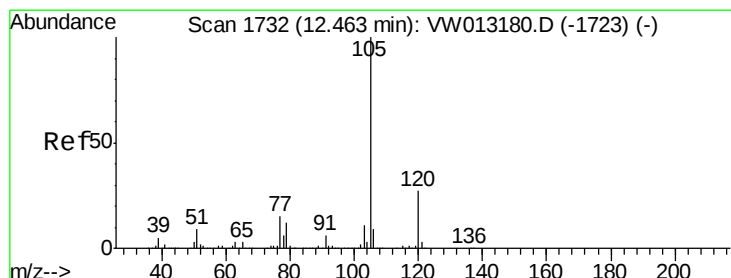
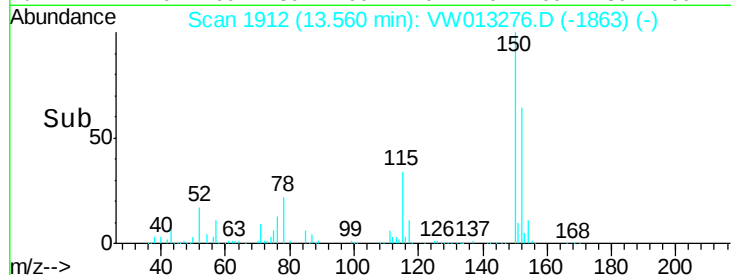
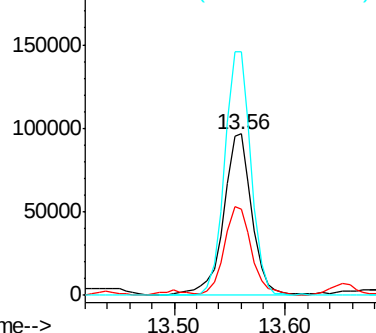
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Instrument :
MSVOA_W
ClientSampled :
SB-2

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.3	81.9
150	140.5	0.0	349.0



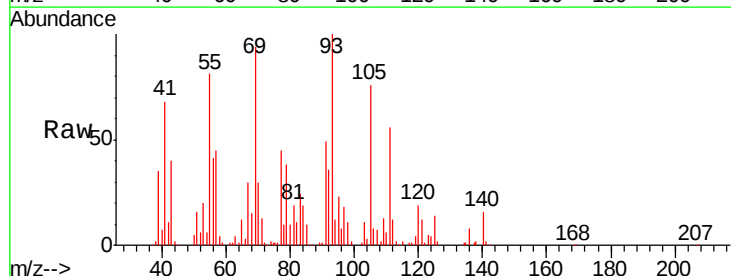
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



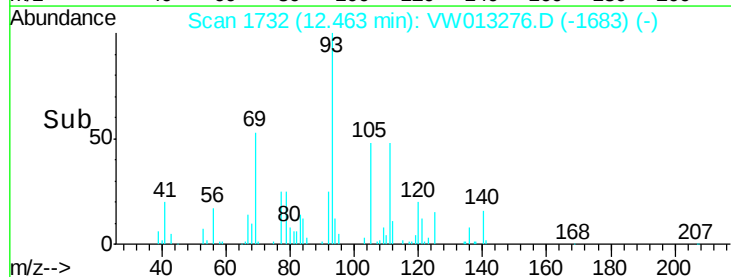
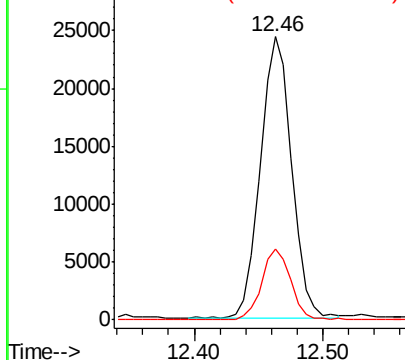
#73

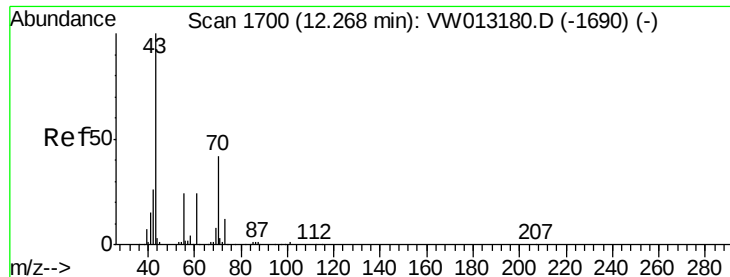
Isopropylbenzene
Concen: 3.286 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013276.D
Acq: 24 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.4	13.4	40.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 36.010 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

SB-2

Tgt Ion: 43 Resp: 99908

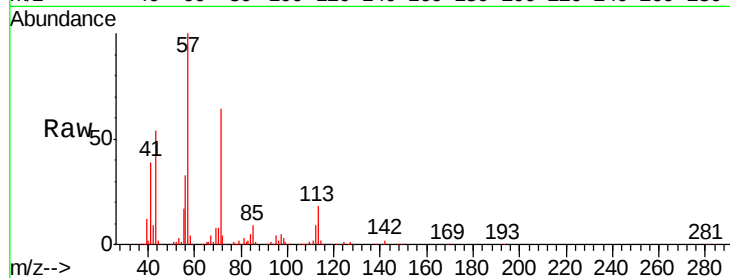
Ion Ratio Lower Upper

43 100

70 0.0 35.1 52.7#

55 0.0 19.9 29.9#

61 0.0 19.5 29.3#

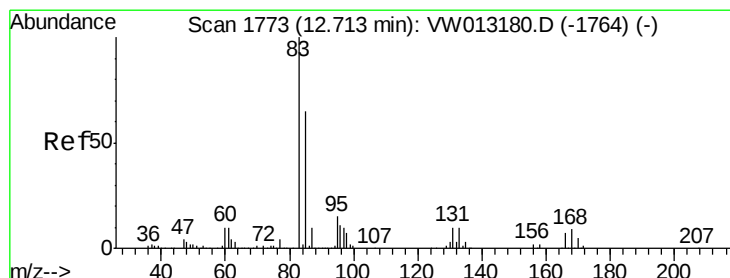
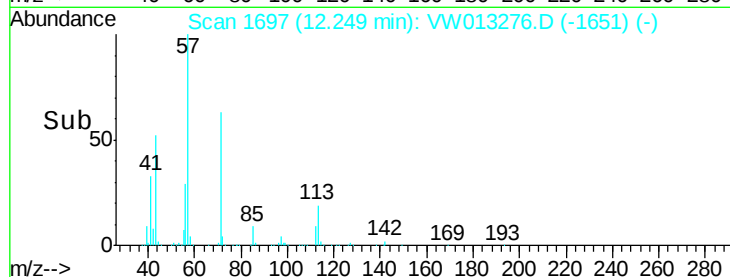
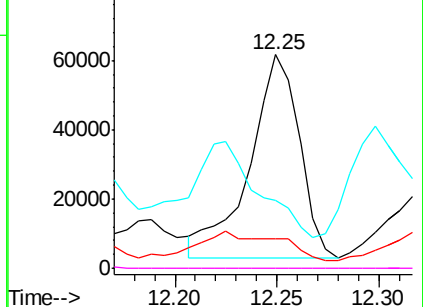


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 7.558 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

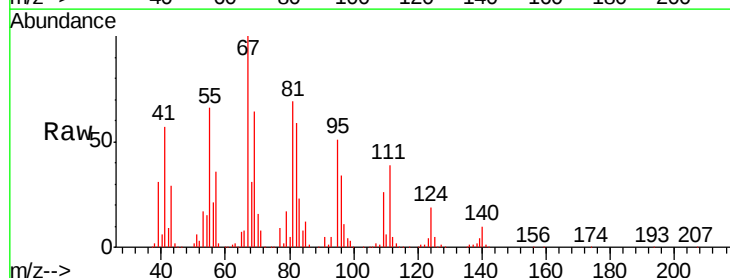
Tgt Ion: 83 Resp: 15804

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

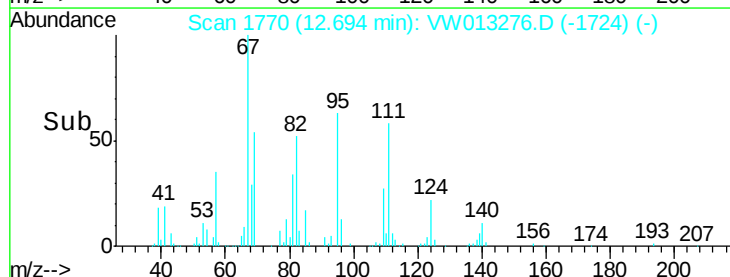
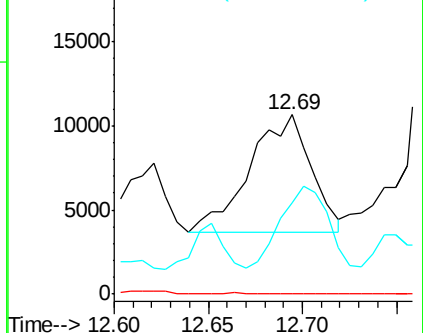
85 53.7 31.9 95.9

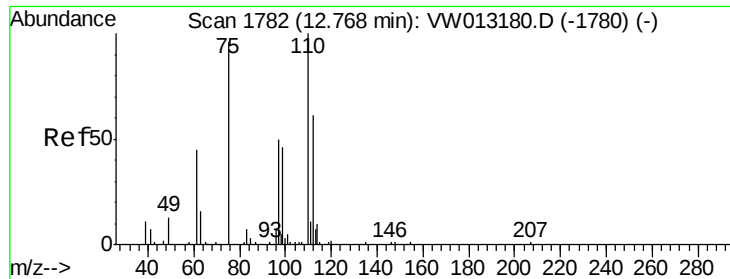


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 56.503 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

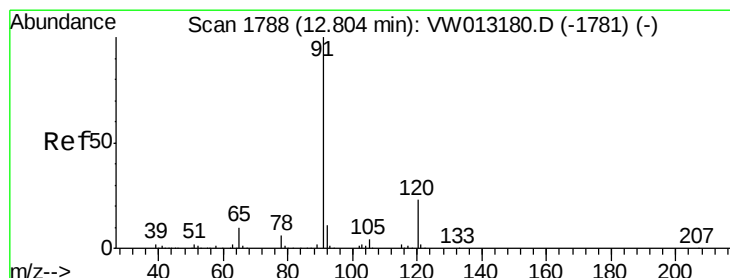
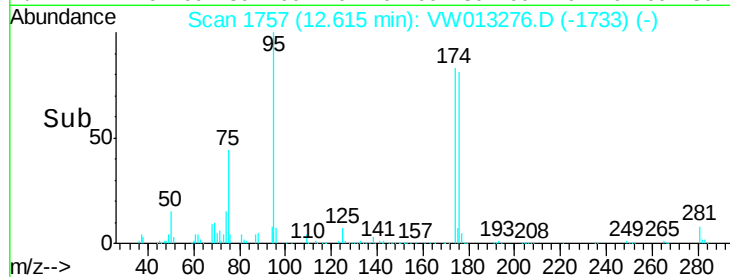
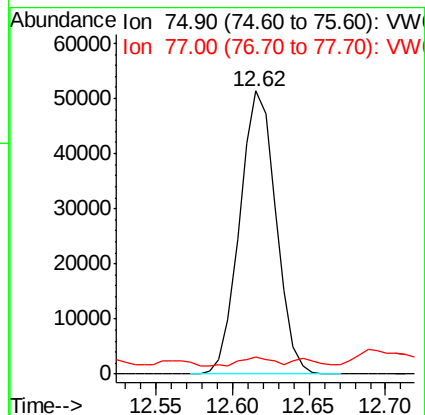
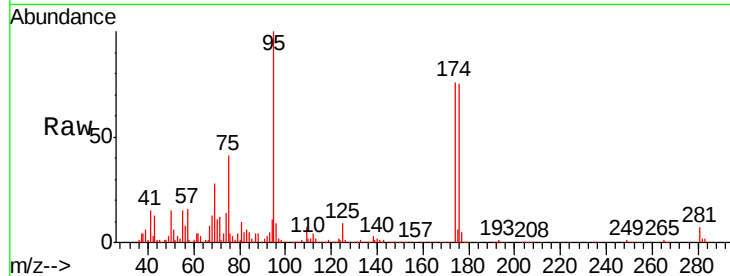
SB-2

Tgt Ion: 75 Resp: 84459

Ion Ratio Lower Upper

75 100

77 3.1 0.0 0.0#



#78

n-propylbenzene

Concen: 5.334 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013276.D

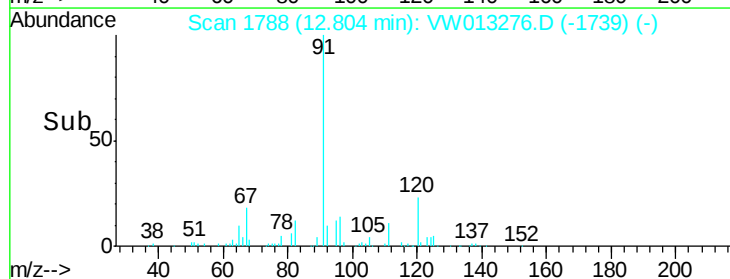
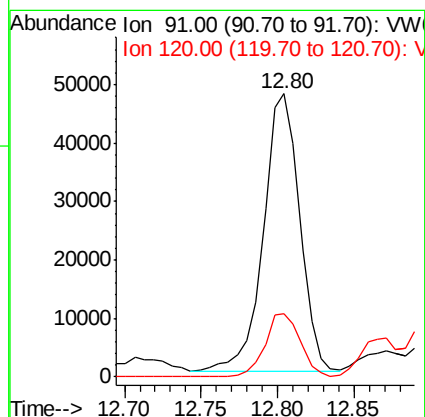
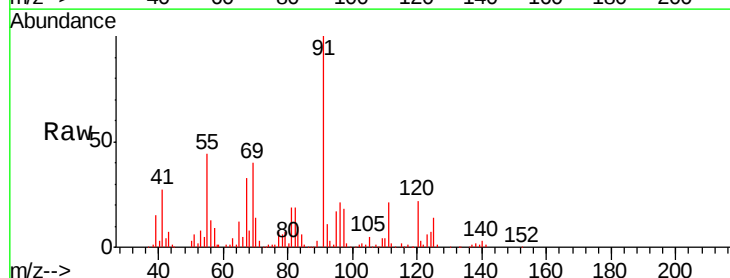
Acq: 24 Sep 2019 15:12

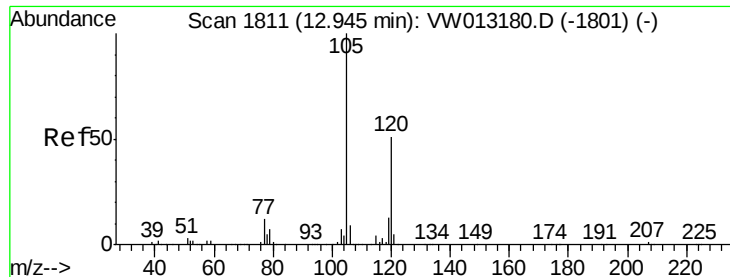
Tgt Ion: 91 Resp: 78059

Ion Ratio Lower Upper

91 100

120 22.4 11.7 35.1





#80

1,3,5-Trimethylbenzene

Concen: 1.661 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

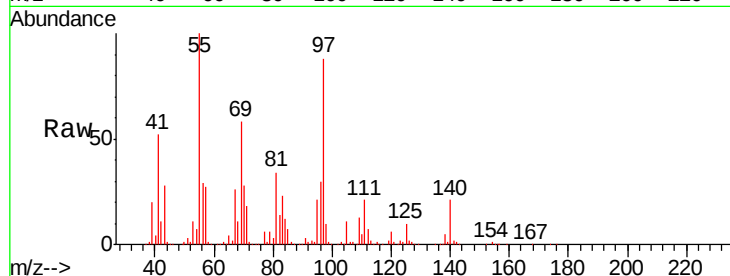
SB-2

Tgt Ion: 105 Resp: 17459

Ion Ratio Lower Upper

105 100

120 59.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

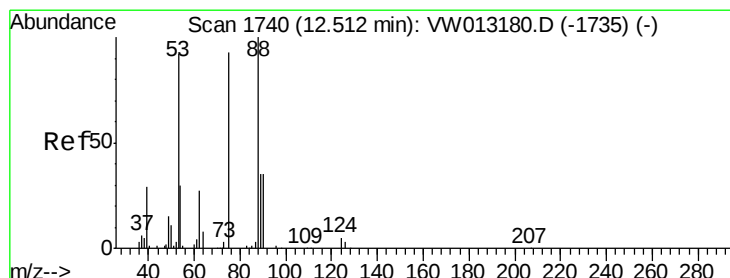
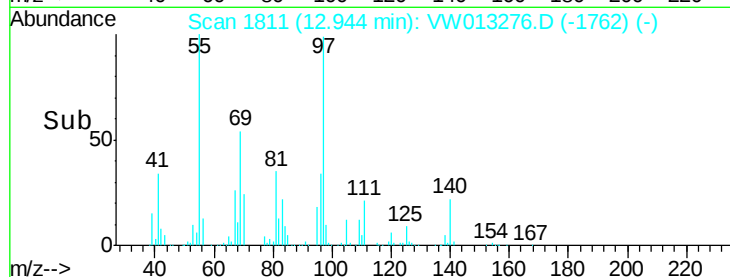
30000

20000

10000

0

Time--> 12.90 12.95



#81

trans-1,4-Dichloro-2-butene

Concen: 126.788 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

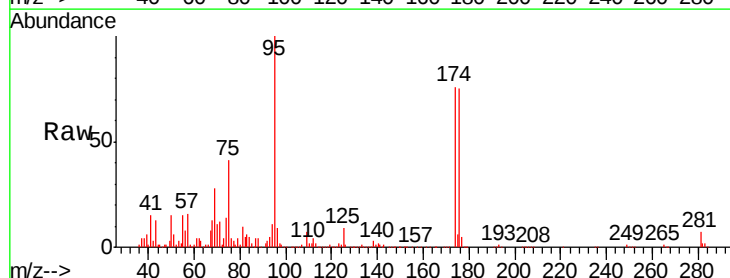
Tgt Ion: 75 Resp: 84459

Ion Ratio Lower Upper

75 100

53 5.2 76.6 114.8#

89 0.2 33.5 50.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

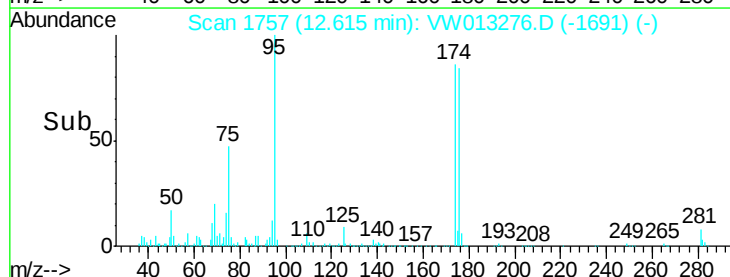
60000

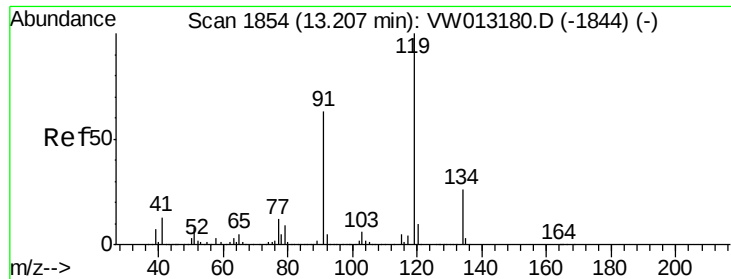
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

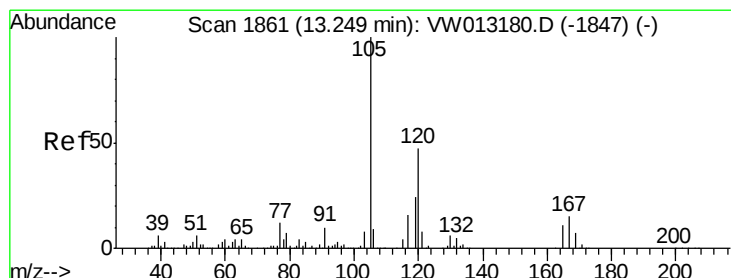
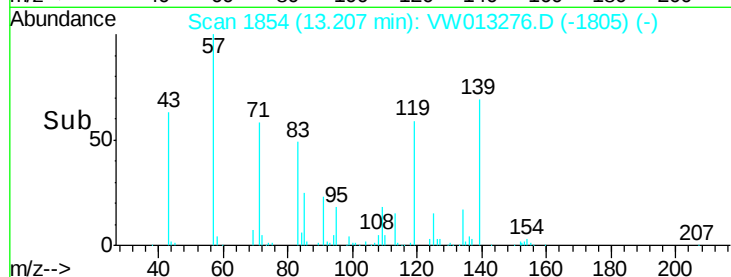
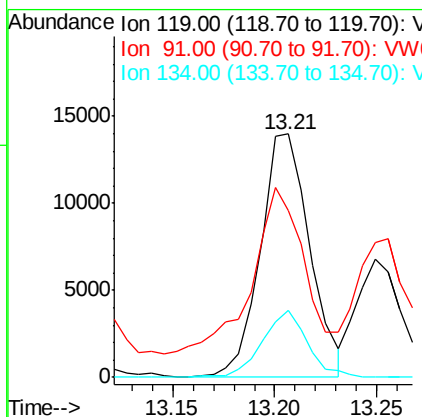
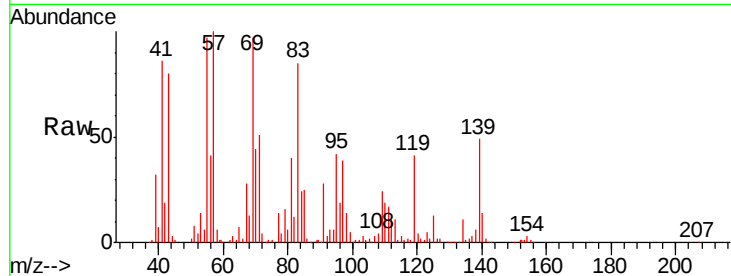




#83
 tert-Butylbenzene
 Concen: 2.565 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

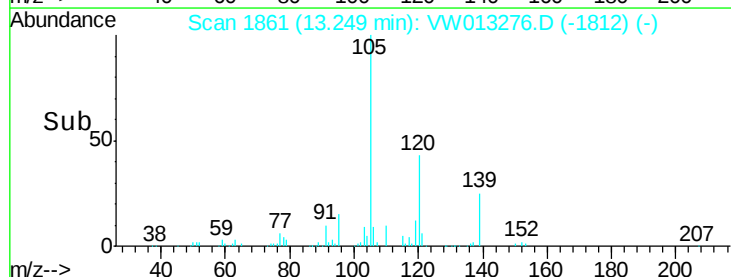
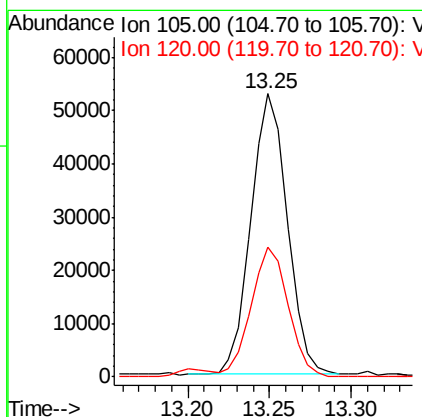
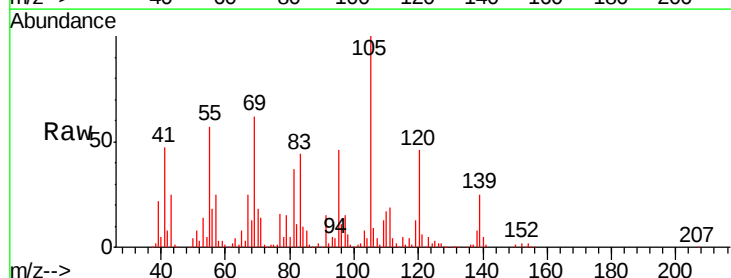
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

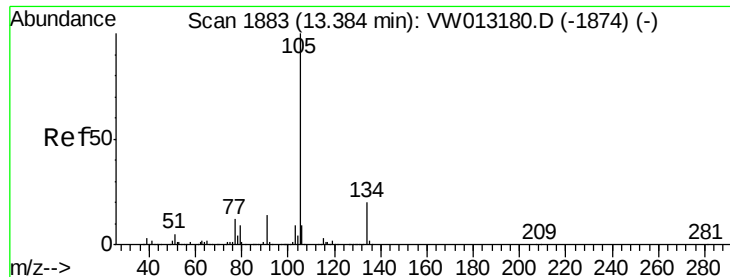
Tgt Ion:119 Resp: 23660
 Ion Ratio Lower Upper
 119 100
 91 69.4 30.7 92.1
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 7.855 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Tgt Ion:105 Resp: 82148
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3

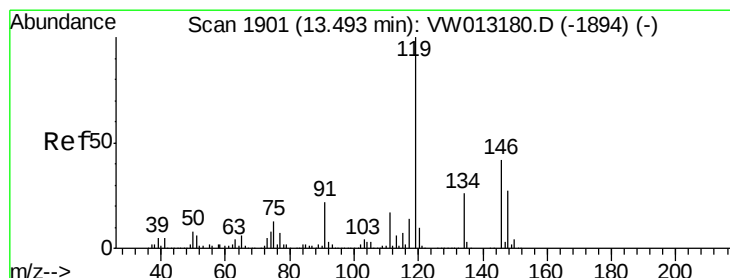
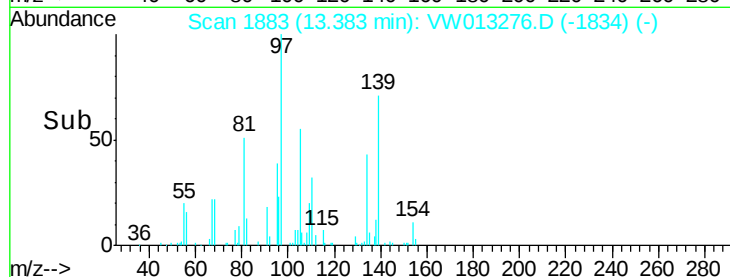
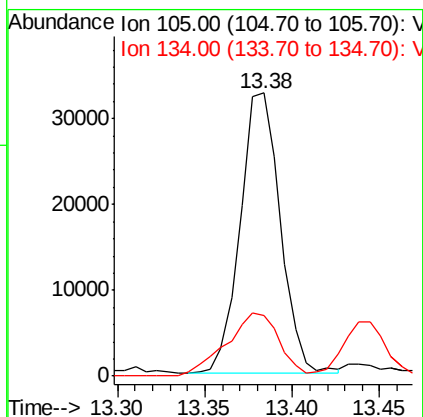
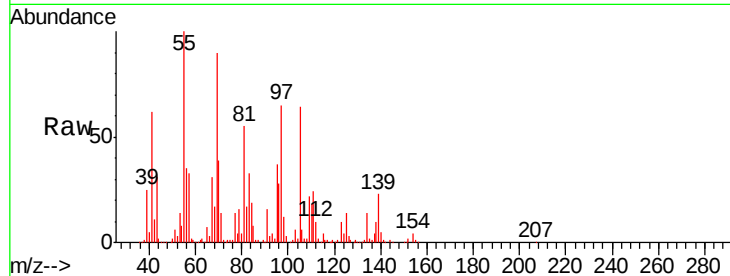




#85
 sec-Butylbenzene
 Concen: 4.102 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

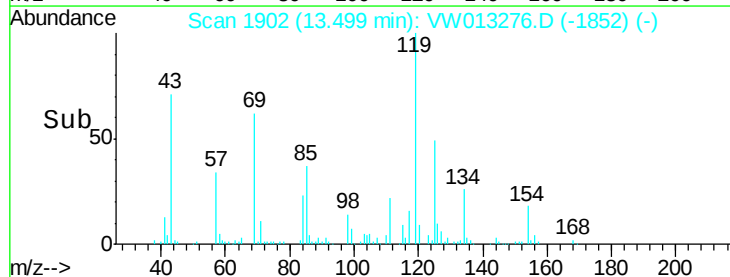
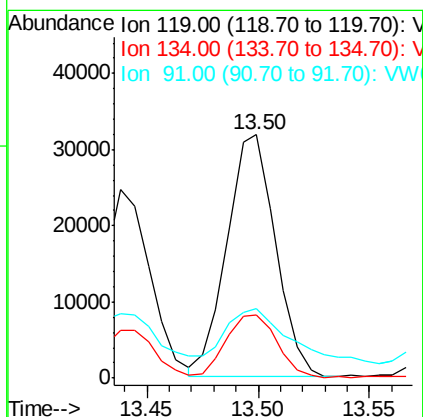
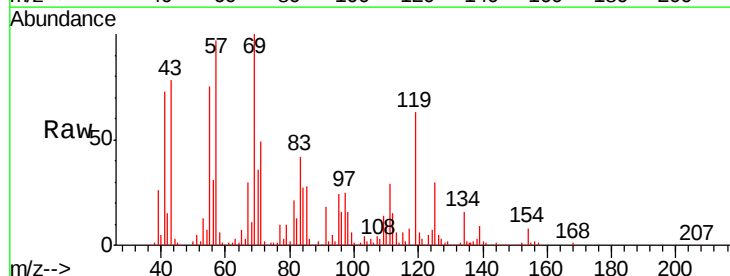
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

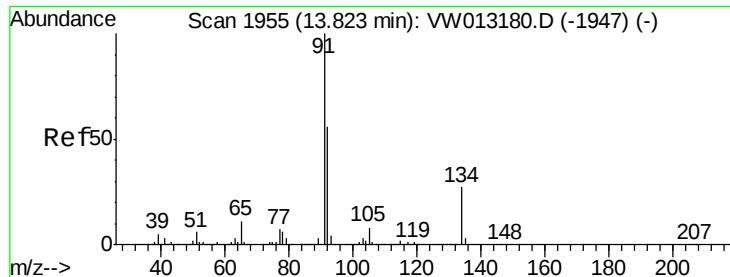
Tgt Ion:105 Resp: 52170
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.071 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Tgt Ion:119 Resp: 48024
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 28.9 10.8 32.4





#89

n-Butylbenzene

Concen: 6.321 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013276.D

Acq: 24 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

SB-2

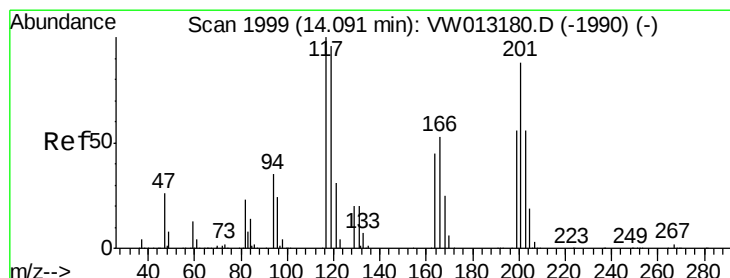
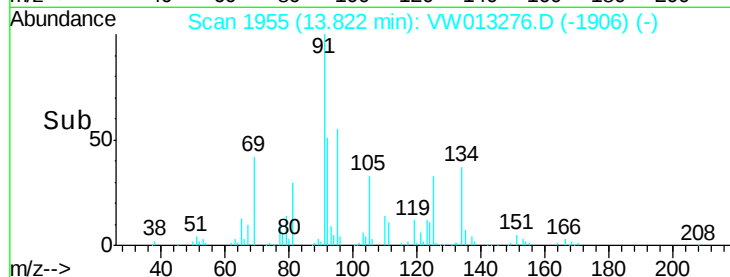
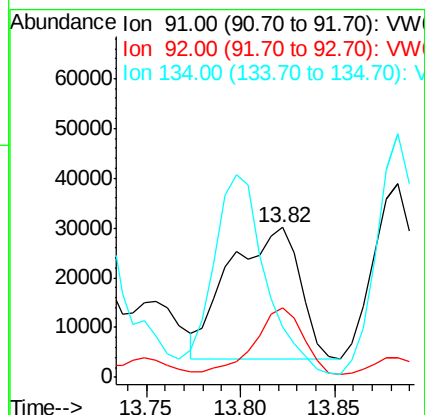
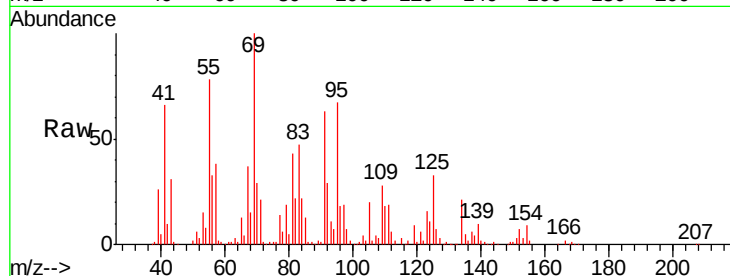
Tgt Ion: 91 Resp: 68086

Ion Ratio Lower Upper

91 100

92 34.8 27.6 82.8

134 0.0 13.7 41.1#



#90

Hexachloroethane

Concen: 45.936 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013276.D

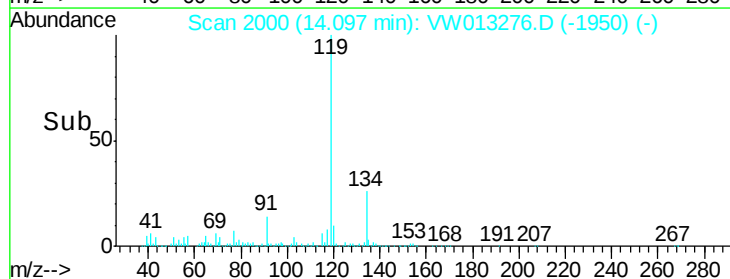
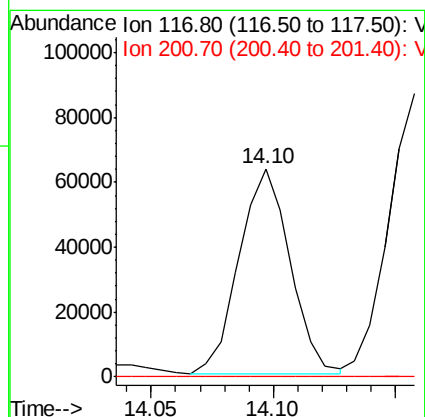
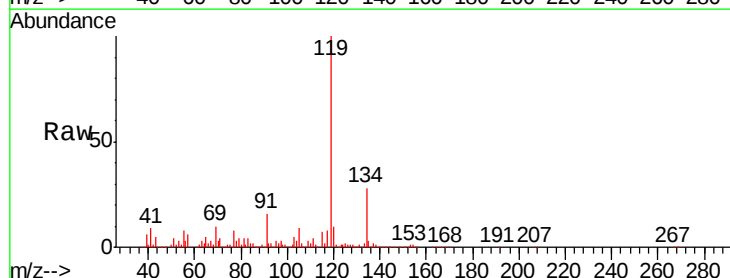
Acq: 24 Sep 2019 15:12

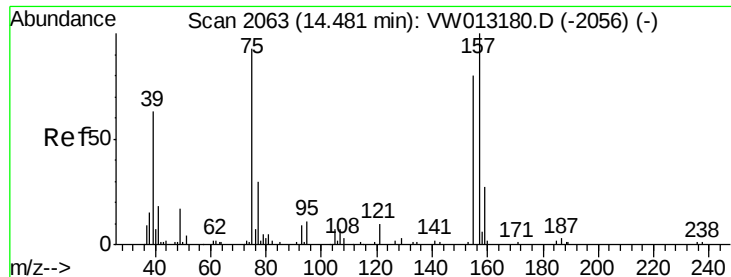
Tgt Ion: 117 Resp: 91030

Ion Ratio Lower Upper

117 100

201 0.0 44.5 133.5#

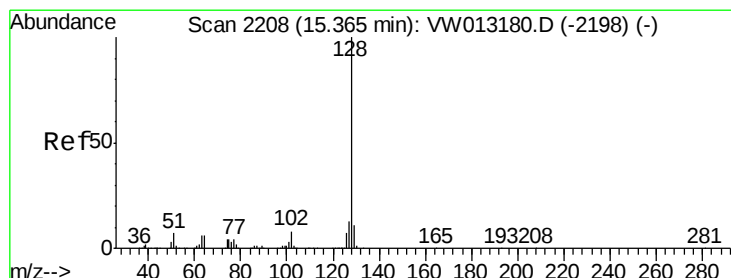
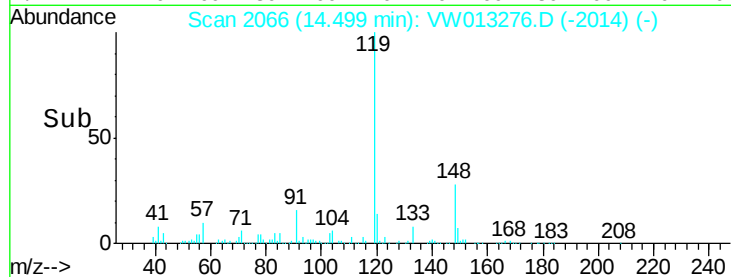
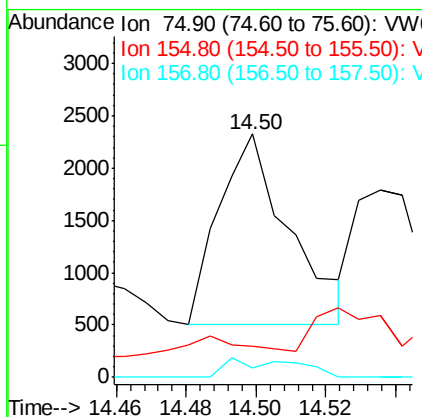
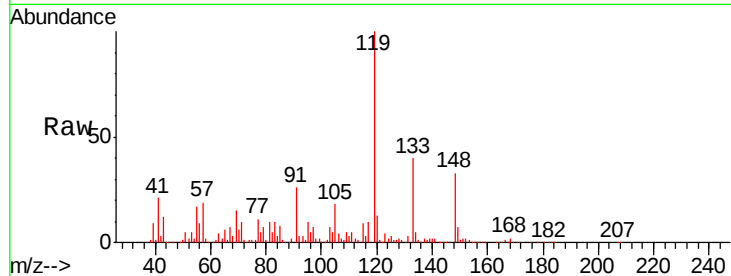




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.926 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.02 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

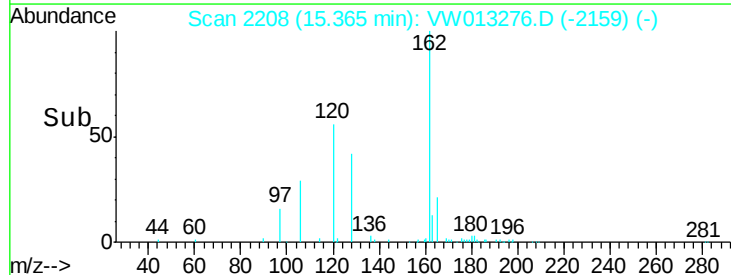
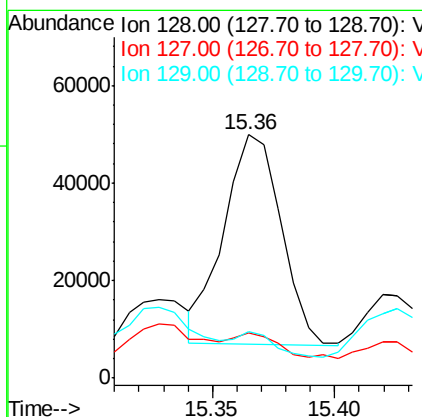
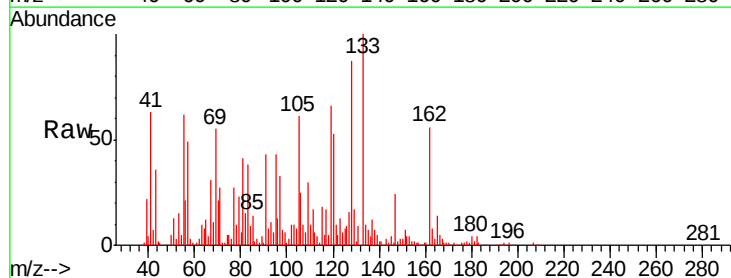
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2

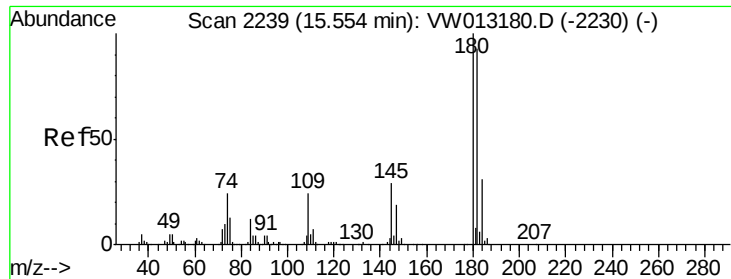
Tgt Ion: 75 Resp: 2535
 Ion Ratio Lower Upper
 75 100
 155 9.3 46.1 138.3#
 157 9.7 60.4 181.2#



#95
 Naphthalene
 Concen: 12.164 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Tgt Ion: 128 Resp: 70328
 Ion Ratio Lower Upper
 128 100
 127 10.4 10.6 15.8#
 129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.446 ug/l
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.02 min
 Lab File: VW013276.D
 Acq: 24 Sep 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Tgt Ion:180 Resp: 4416
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 15.0 45.0#

