

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016277.D
 Acq On : 20 Aug 2020 22:18
 Operator : SY/VA
 Sample : VW0820SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

Quant Time: Aug 21 04:03:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	371446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110908	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	7.88	113	113235	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.32	98	419450	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.62	95	149631	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

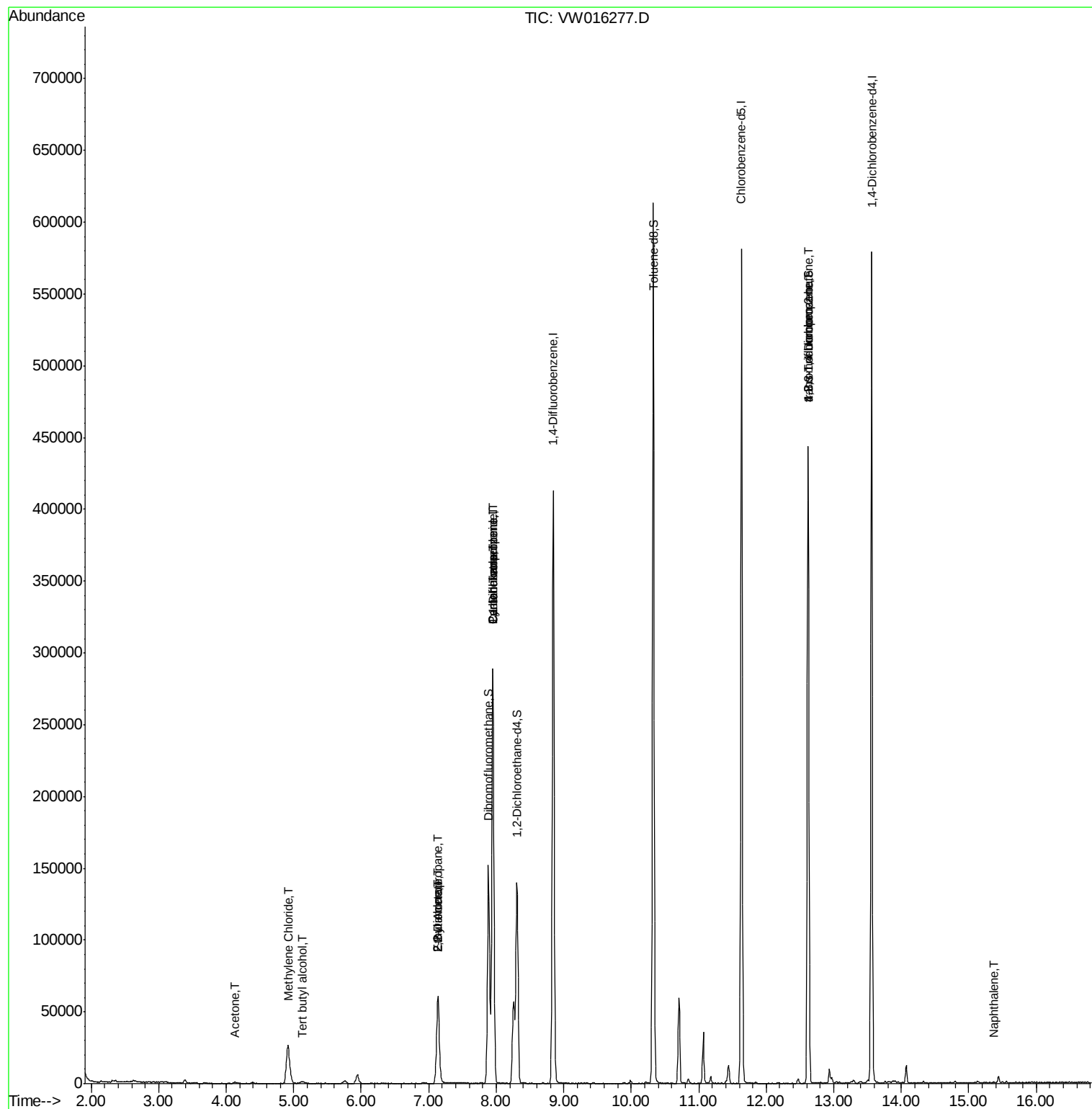
						Qvalue
11) Tert butyl alcohol	5.13	59	1652	14.707	ug/l #	70
16) Acetone	4.13	43	1985	4.909	ug/l	90
20) Methylene Chloride	4.92	84	23603	4.944	ug/l	94
25) 2-Butanone	7.13	43	2912	5.374	ug/l #	71
26) 2,2-Dichloropropane	7.13	77	4457	1.652	ug/l #	51
31) Cyclohexane	7.95	56	4173	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16209	4.430	ug/l #	49
37) Ethyl Acetate	7.13	43	2912	2.321	ug/l #	1
38) Carbon Tetrachloride	7.95	117	22425	6.141	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73635	53.036	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	73635	127.213	ug/l #	12
95) Naphthalene	15.36	128	681	3.691	ug/l #	78

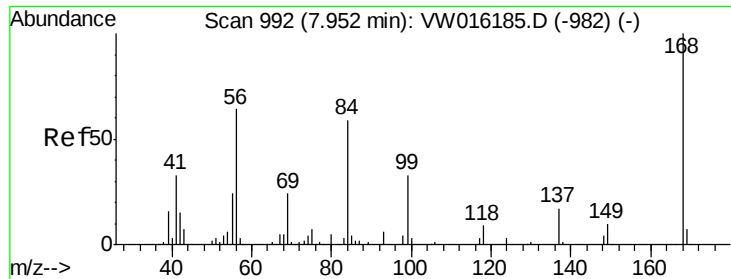
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016277.D
Acq On : 20 Aug 2020 22:18
Operator : SY/VA
Sample : VW0820SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL01

Quant Time: Aug 21 04:03:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

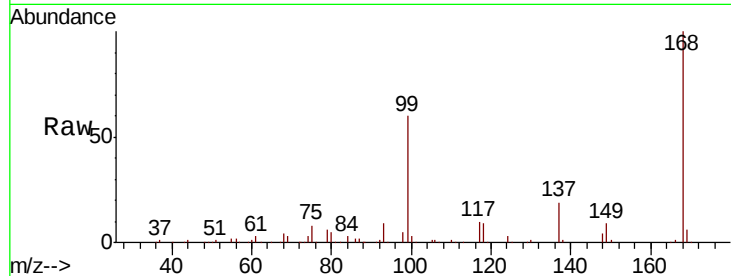
VW0821SBL01

Tot Ion:168 Resp: 216429

Ion Ratio Lower Upper

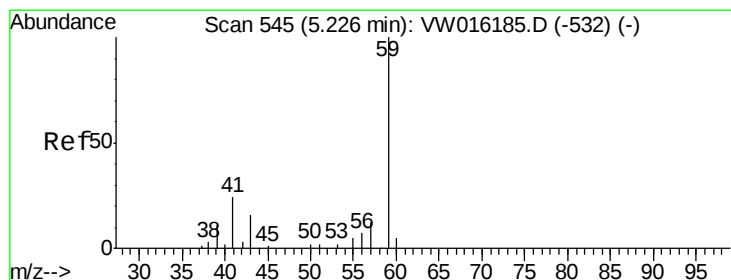
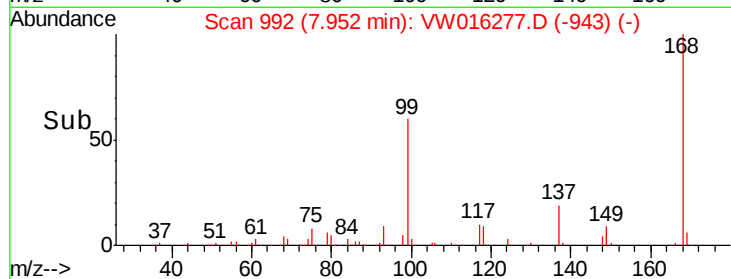
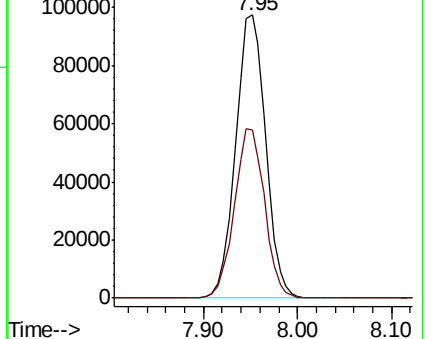
168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 14.707 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.09 min

Lab File: VW016277.D

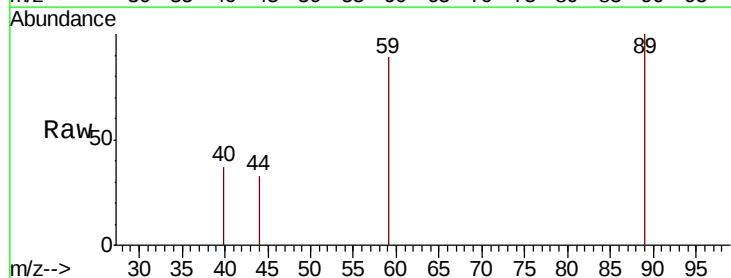
Acq: 20 Aug 2020 22:18

Tgt Ion: 59 Resp: 1652

Ion Ratio Lower Upper

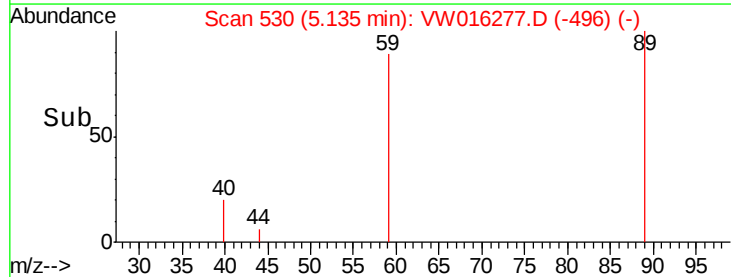
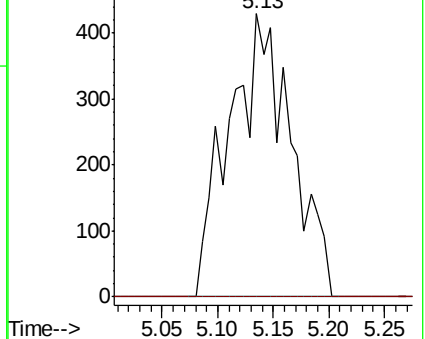
59 100

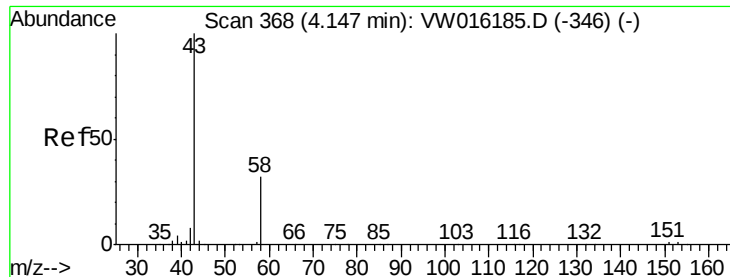
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.909 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

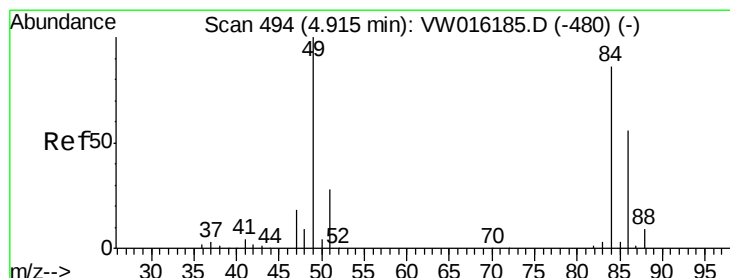
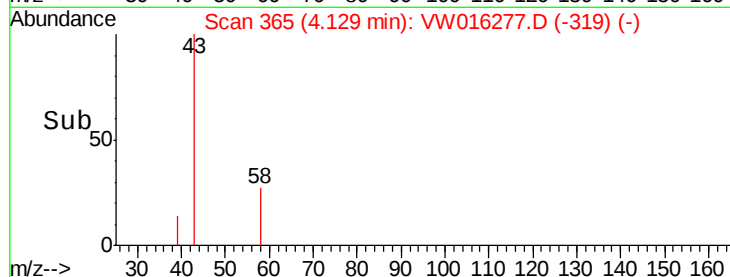
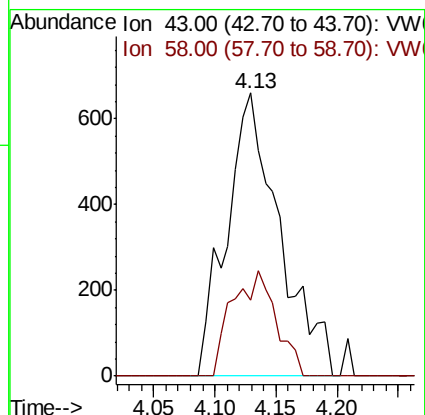
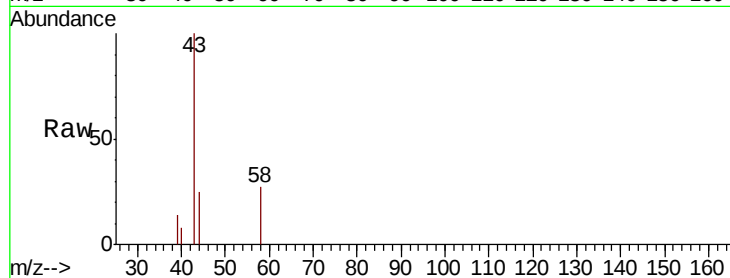
VW0821SBL01

Tot Ion: 43 Resp: 1985

Ion Ratio Lower Upper

43 100

58 26.8 25.8 38.6



#20

Methylene Chloride

Concen: 4.944 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Tgt Ion: 84 Resp: 23603

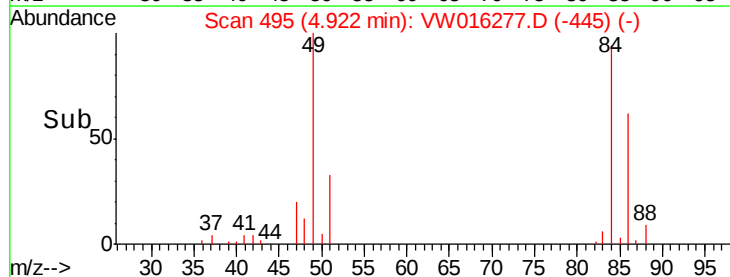
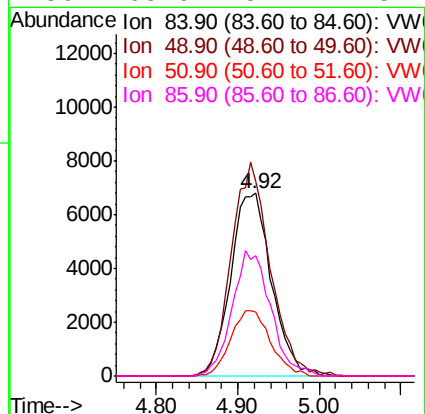
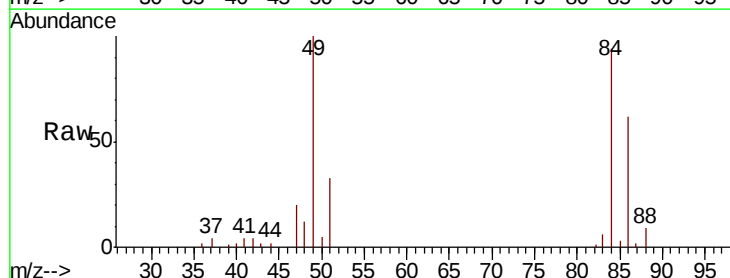
Ion Ratio Lower Upper

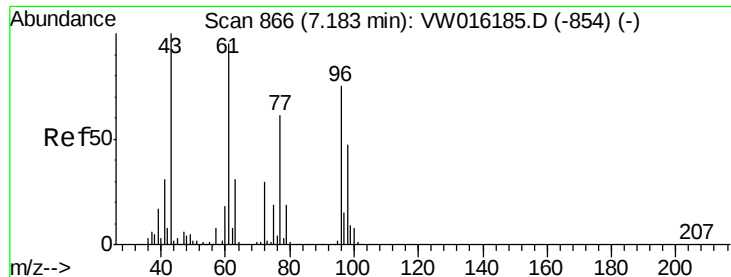
84 100

49 106.2 93.4 140.2

51 34.8 26.6 40.0

86 65.9 52.2 78.2





#25

2-Butanone

Concen: 5.374 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

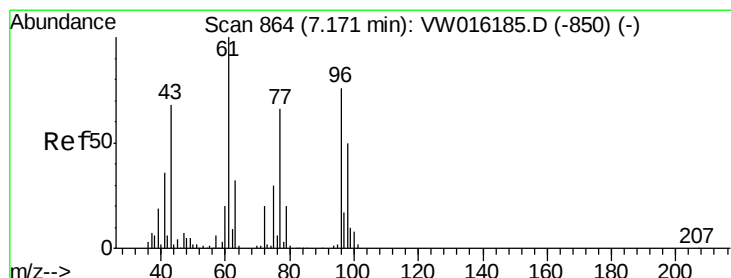
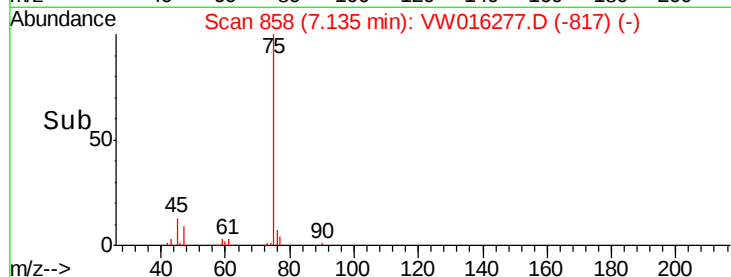
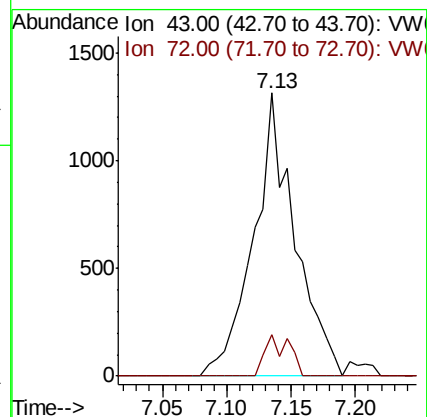
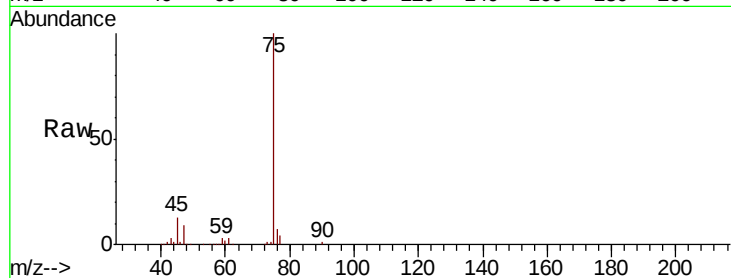
VW0821SBL01

Tot Ion: 43 Resp: 2912

Ion Ratio Lower Upper

43 100

72 14.5 24.2 36.2#



#26

2,2-Dichloropropane

Concen: 1.652 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW016277.D

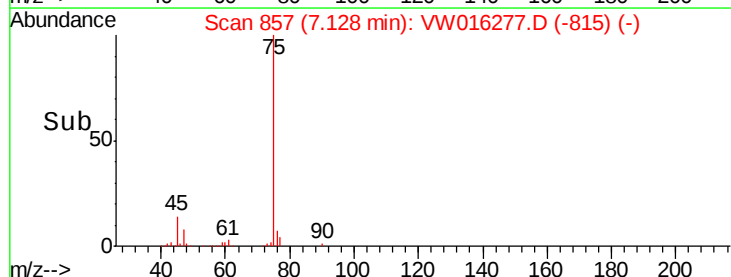
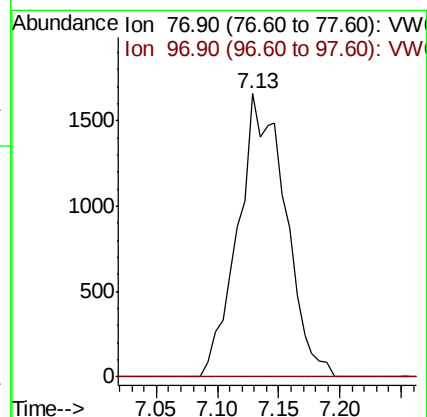
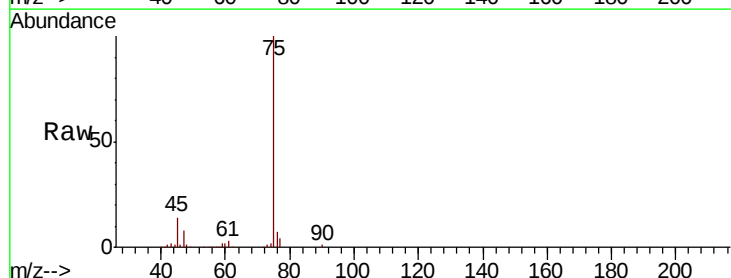
Acq: 20 Aug 2020 22:18

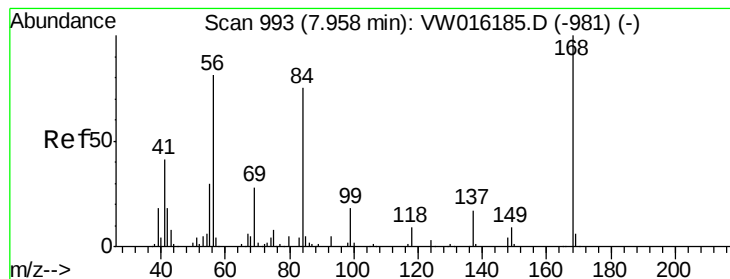
Tgt Ion: 77 Resp: 4457

Ion Ratio Lower Upper

77 100

97 0.0 12.1 36.3#





#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL01

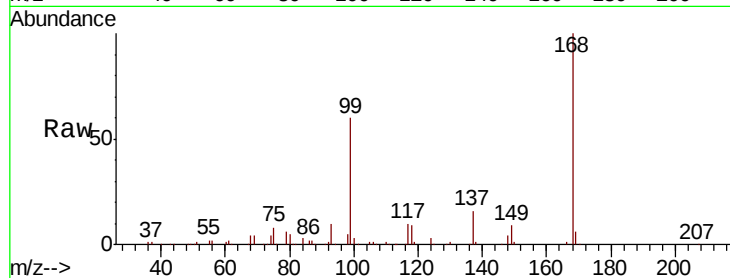
Tot Ion: 56 Resp: 4173

Ion Ratio Lower Upper

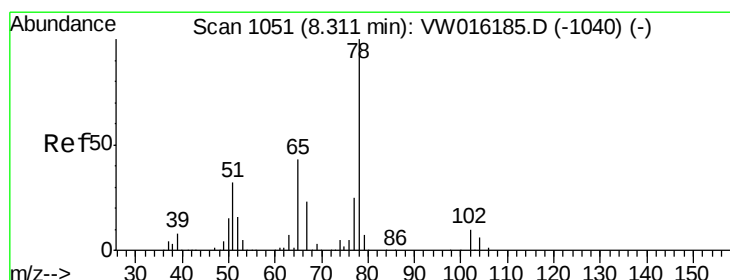
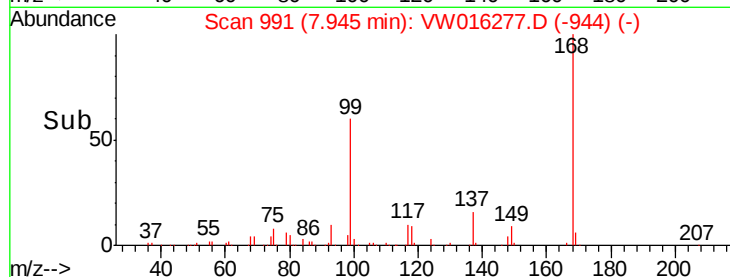
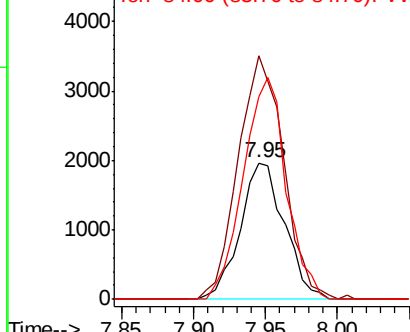
56 100

69 178.5 27.3 40.9#

84 148.9 73.5 110.3#



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



#33

1,2-Dichloroethane-d4

Concen: 52.548 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016277.D

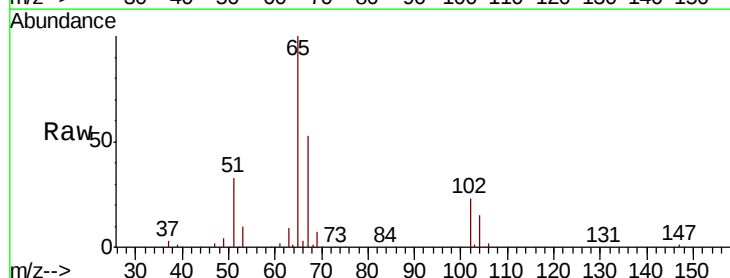
Acq: 20 Aug 2020 22:18

Tgt Ion: 65 Resp: 110908

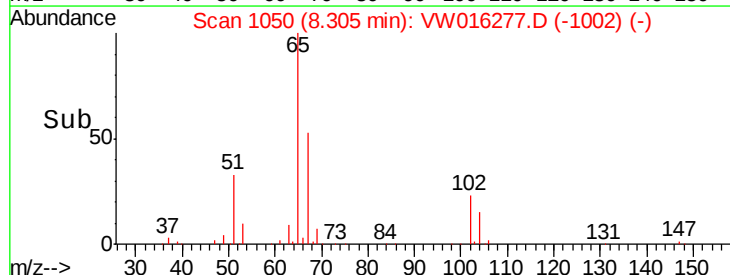
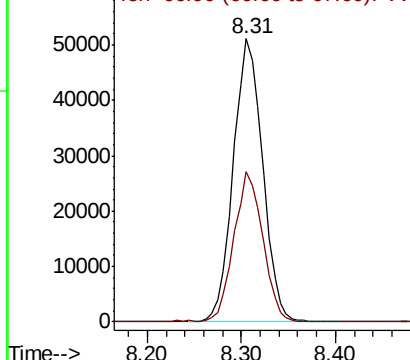
Ion Ratio Lower Upper

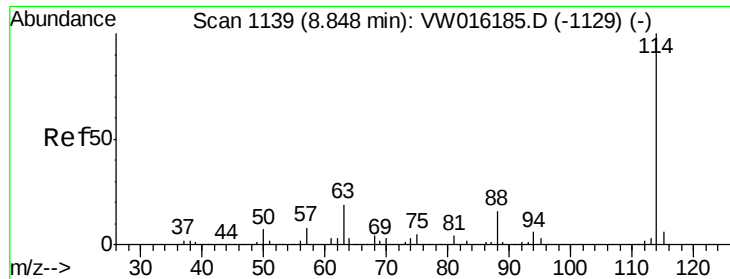
65 100

67 52.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

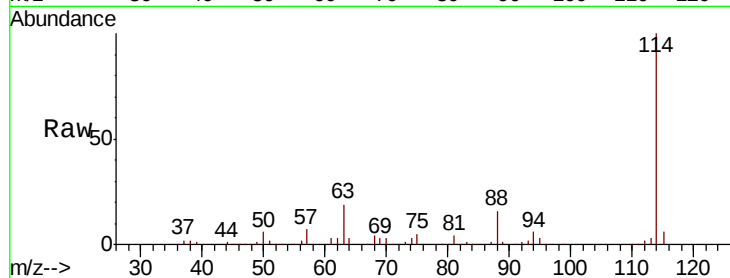




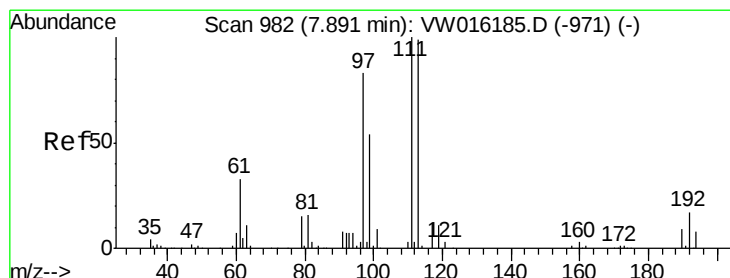
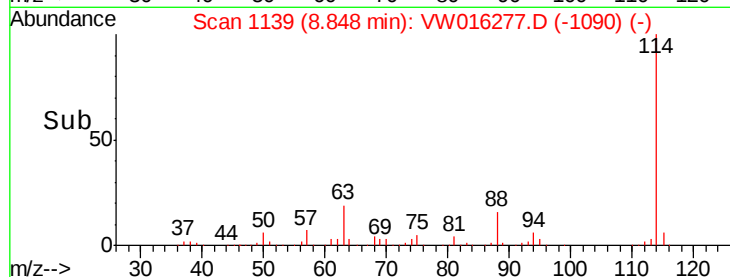
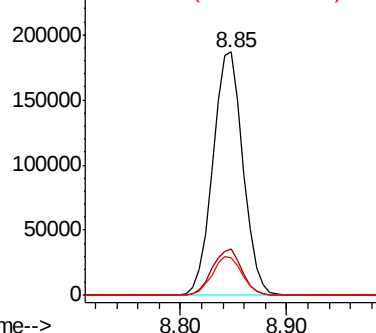
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016277.D
 Acq: 20 Aug 2020 22:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.7	0.0	32.8

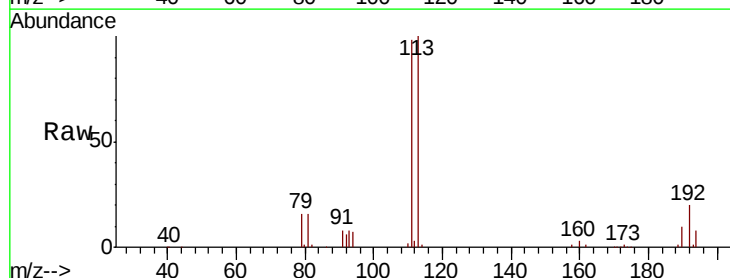


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

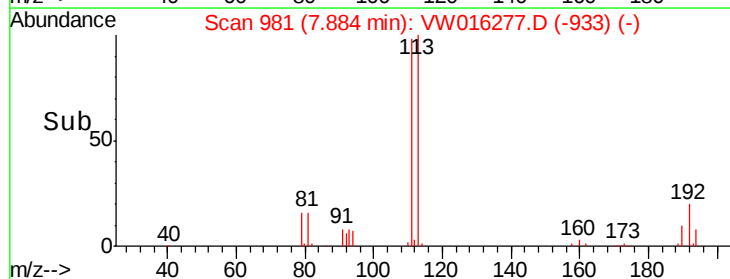
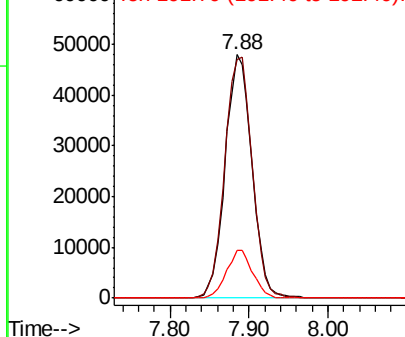


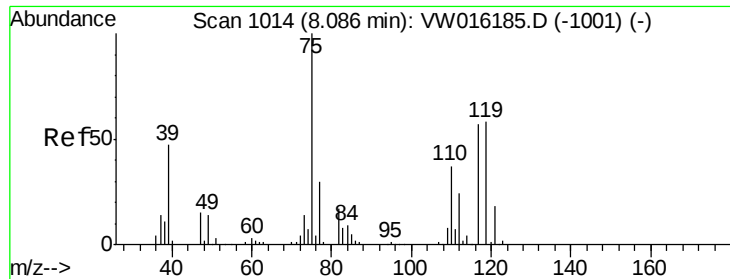
#35
 Dibromofluoromethane
 Concen: 49.408 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016277.D
 Acq: 20 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.5	125.3
192	19.2	14.3	21.5



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

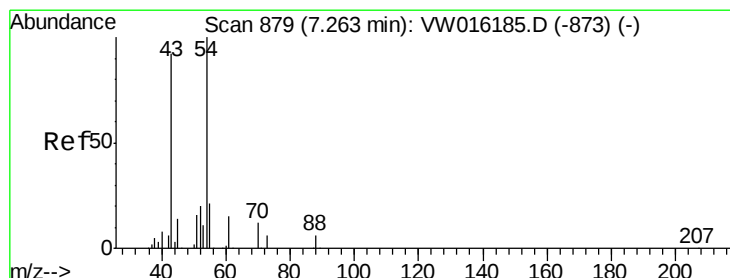
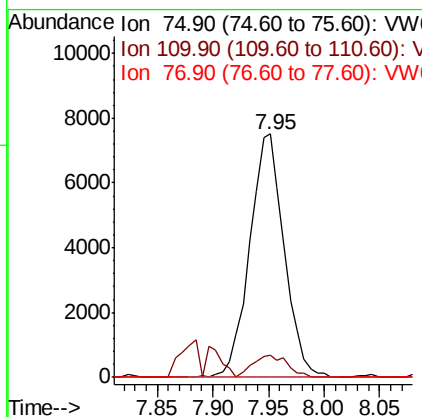
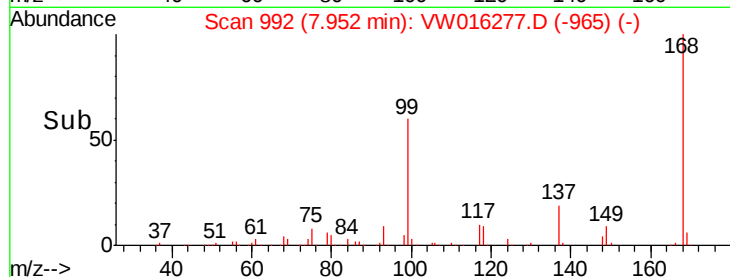
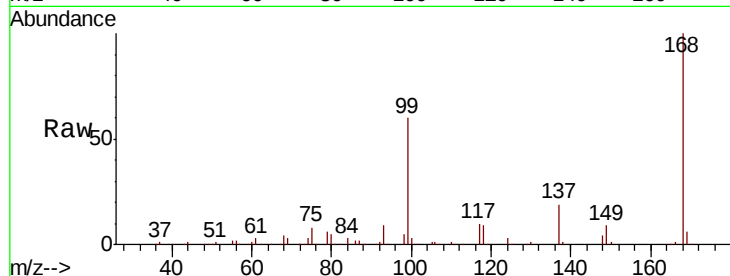




#36
 1,1-Dichloropropene
 Concen: 4.430 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016277.D
 Acq: 20 Aug 2020 22:18

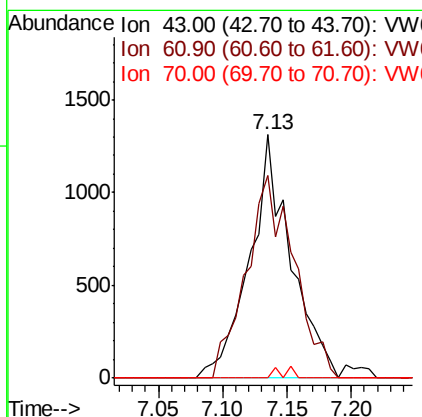
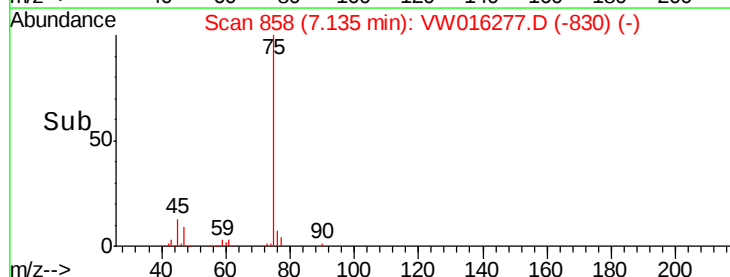
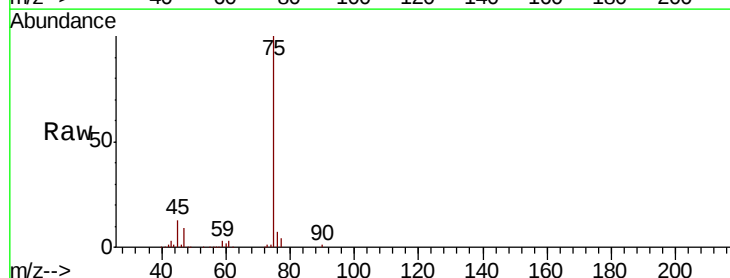
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

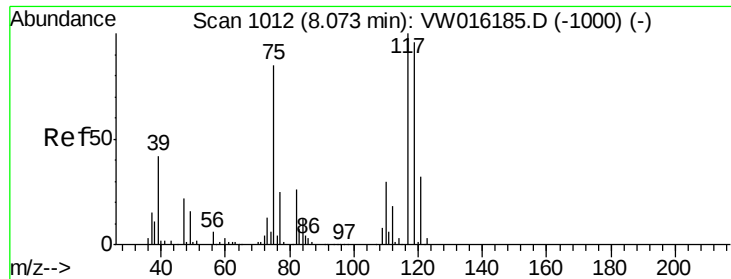
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 2.321 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.13 min
 Lab File: VW016277.D
 Acq: 20 Aug 2020 22:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	96.2	12.6	18.8#
70	0.7	9.8	14.8#

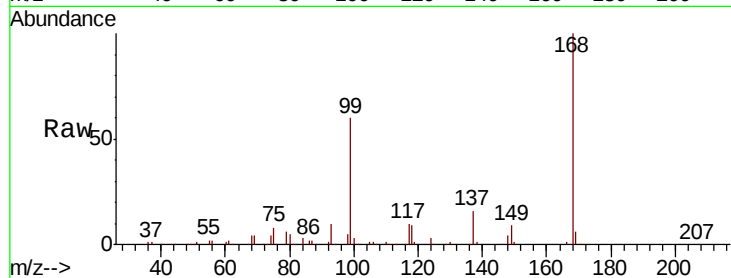




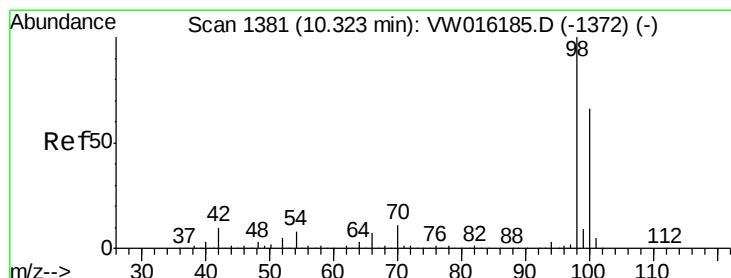
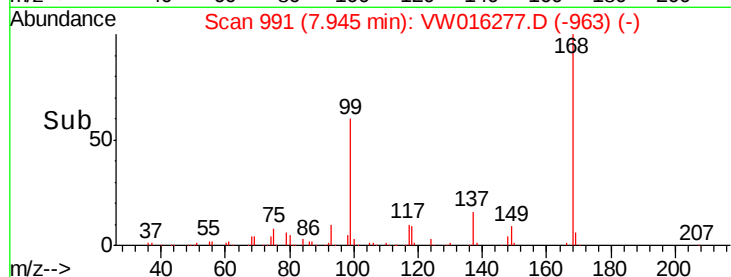
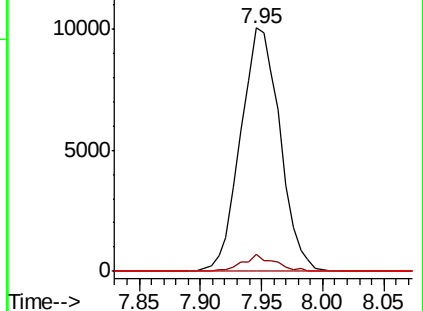
#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL01

Tot Ion:117 Resp: 22425
Ion Ratio Lower Upper
117 100
119 7.1 76.6 115.0#
121 0.0 25.4 38.0#

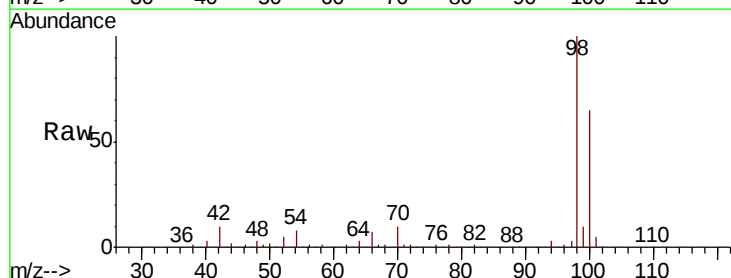


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

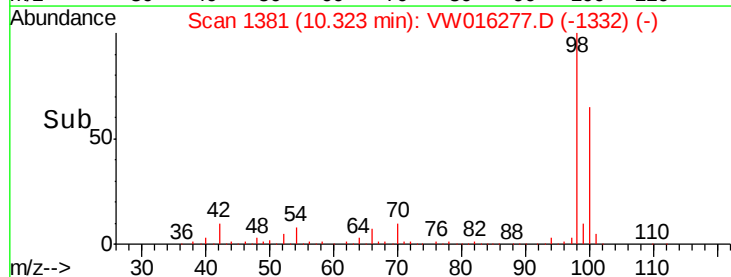
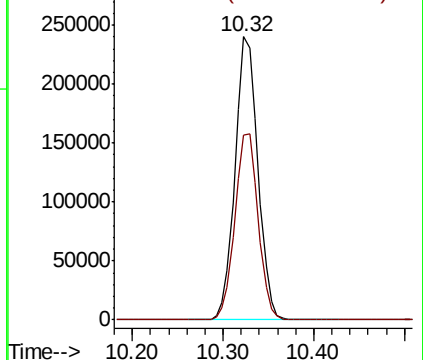


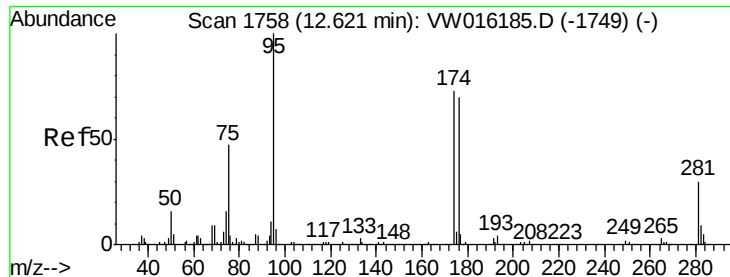
#50
Toluene-d8
Concen: 47.281 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

Tgt Ion: 98 Resp: 419450
Ion Ratio Lower Upper
98 100
100 67.1 53.5 80.3



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

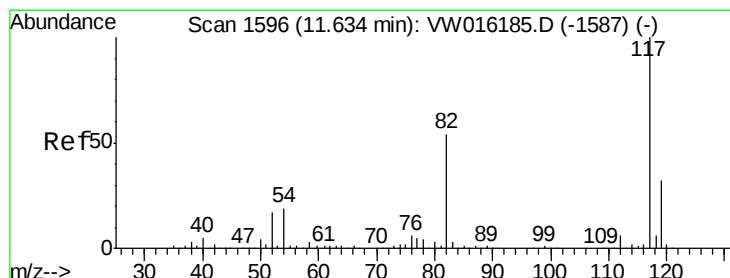
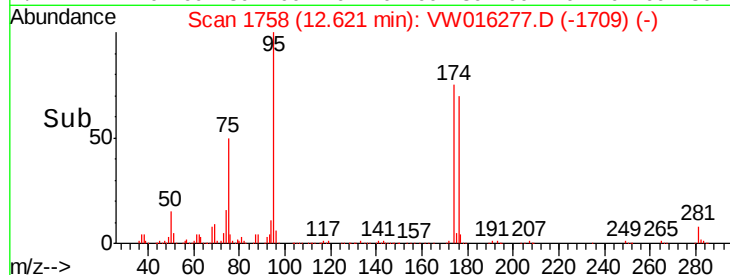
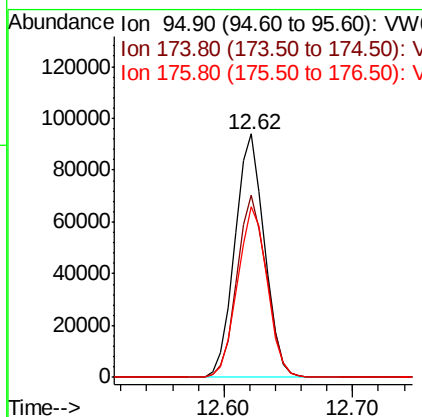
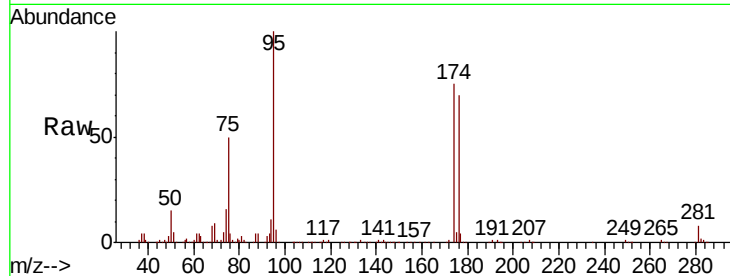




#62
4-Bromofluorobenzene
Concen: 47.186 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

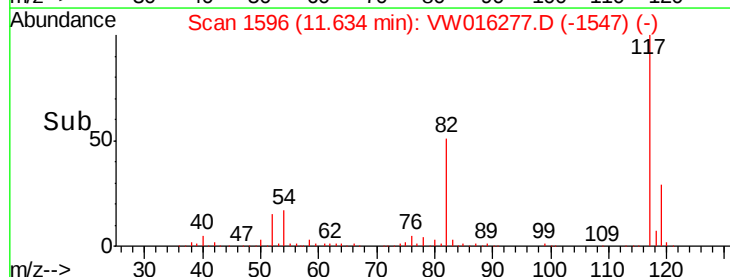
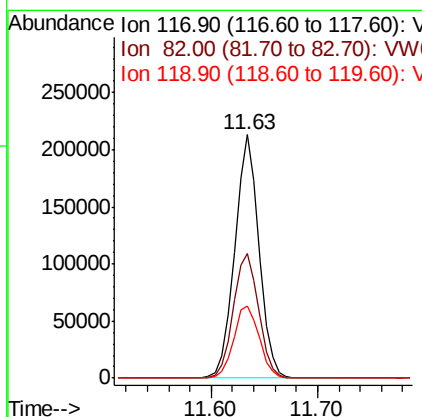
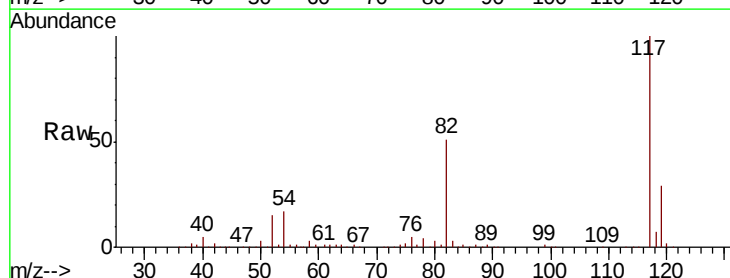
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL01

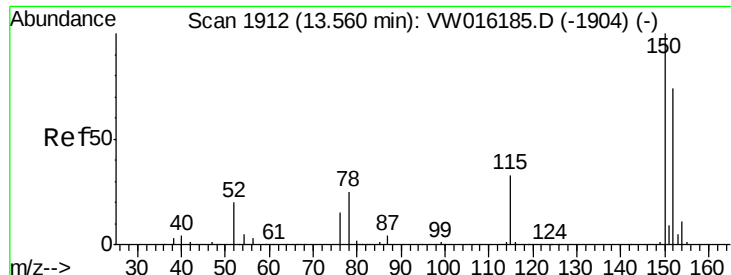
Tot Ion: 95 Resp: 149631
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.6
176 70.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

Tgt Ion: 117 Resp: 339330
Ion Ratio Lower Upper
117 100
82 51.0 43.6 65.4
119 29.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016277.D

Acq: 20 Aug 2020 22:18

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL01

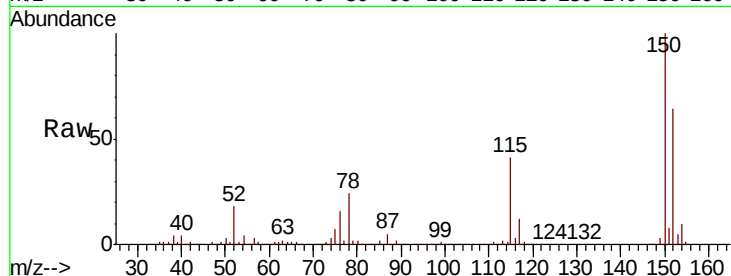
Tot Ion:152 Resp: 150967

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.5

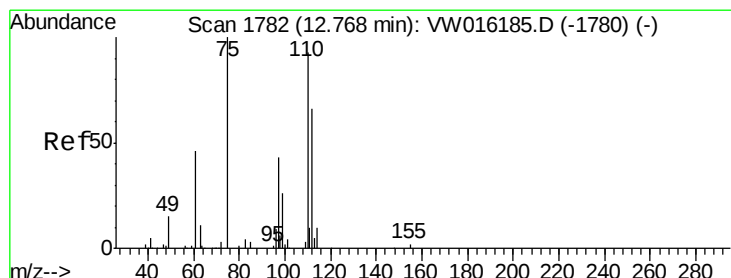
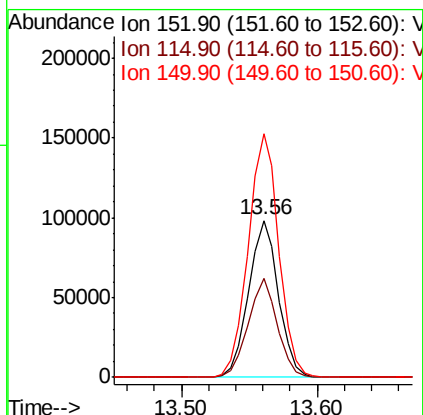
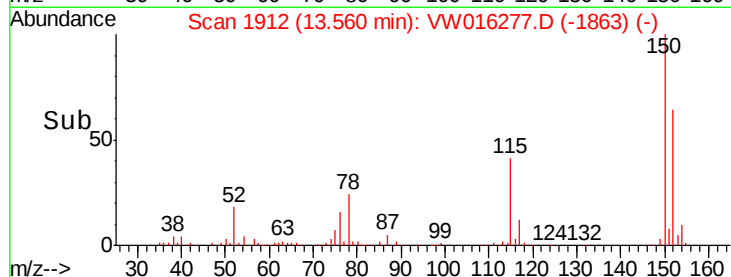
150 158.5 0.0 337.8



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



#76

1,2,3-Trichloropropane

Concen: 53.036 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016277.D

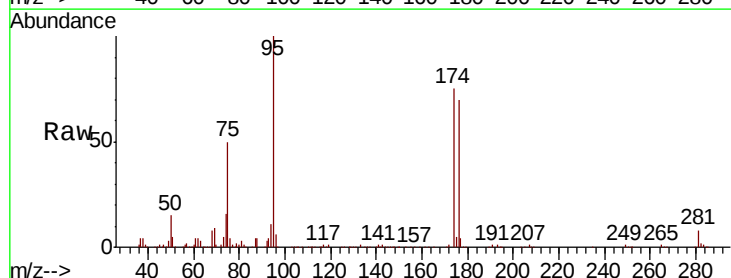
Acq: 20 Aug 2020 22:18

Tgt Ion: 75 Resp: 73635

Ion Ratio Lower Upper

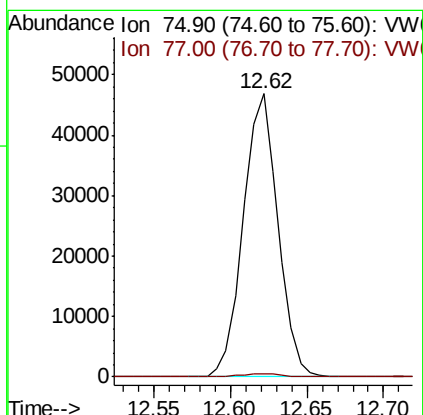
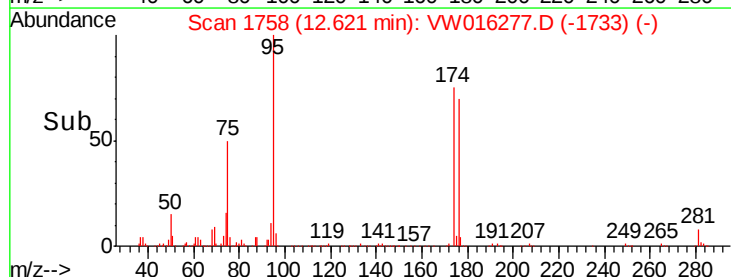
75 100

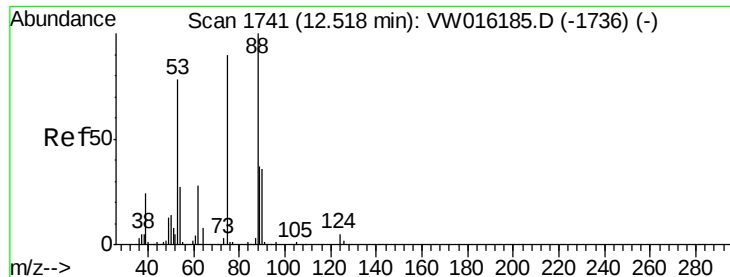
77 1.2 173.6 520.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

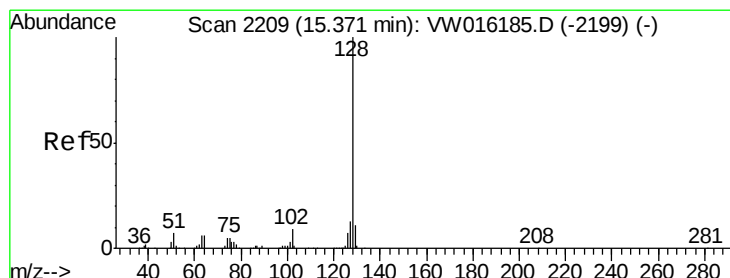
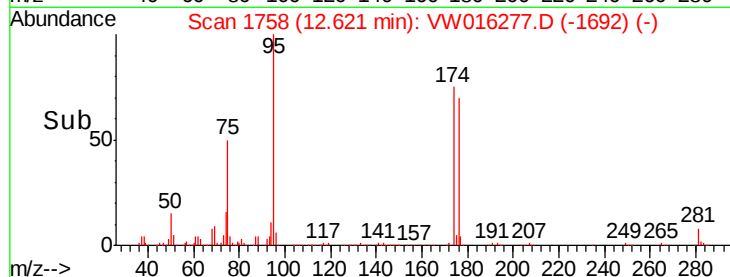
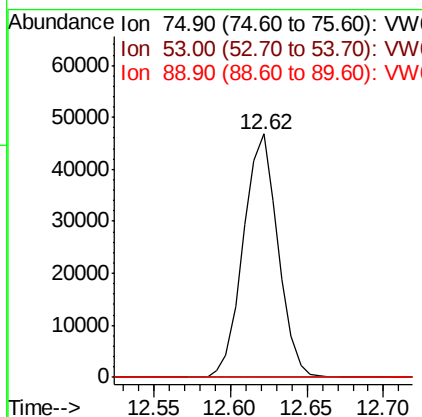
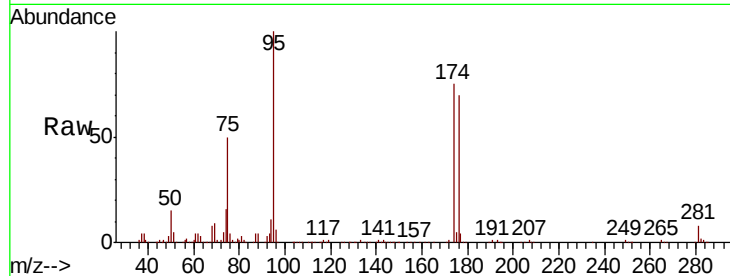




#81
trans-1,4-Dichloro-2-butene
Concen: 127.213 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL01

Tot Ion: 75 Resp: 73635
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 3.691 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016277.D
Acq: 20 Aug 2020 22:18

Tgt Ion: 128 Resp: 681
Ion Ratio Lower Upper
128 100
127 6.6 10.2 15.4#
129 0.0 8.7 13.1#

