

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016418.D
 Acq On : 31 Aug 2020 18:05
 Operator : SY/VA
 Sample : L3848-04
 Misc : 4.53G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-02-A

Quant Time: Sep 01 02:59:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	236139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	77448	55.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.30%	
35) Dibromofluoromethane	7.89	113	76591	51.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.48%	
50) Toluene-d8	10.33	98	279394	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	105555	50.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.58%	

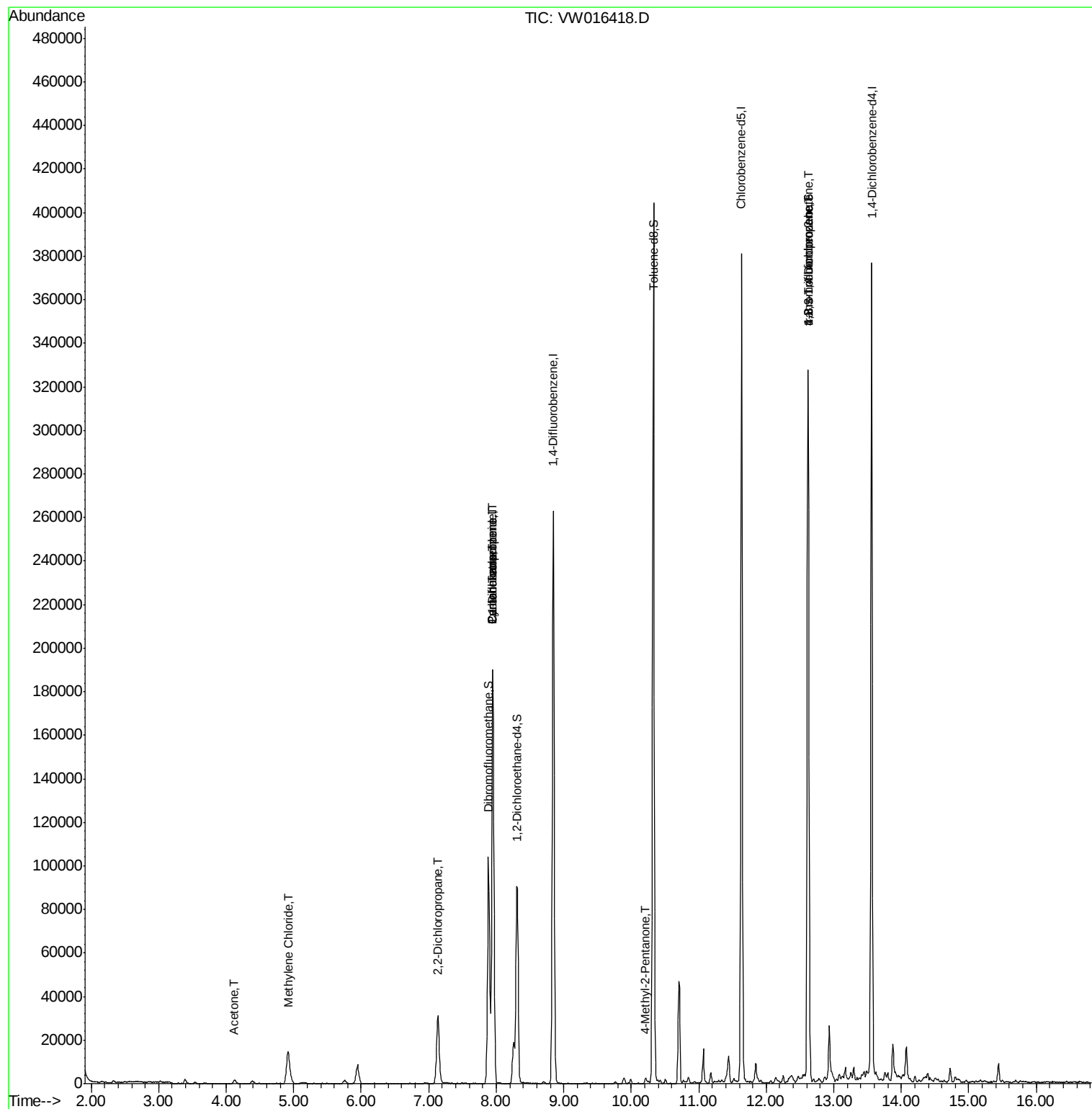
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	512	Below Cal	#	72
16) Acetone	4.12	43	3340	14.007	ug/l	89
20) Methylene Chloride	4.92	84	13276	3.550	ug/l	91
26) 2,2-Dichloropropane	7.15	77	2425	1.318	ug/l #	52
31) Cyclohexane	7.95	56	2738	1.254	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	10389	4.623	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14700	5.970	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1896	2.524	ug/l #	83
76) 1,2,3-Trichloropropane	12.62	75	52699	57.831	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	52699	128.396	ug/l #	11

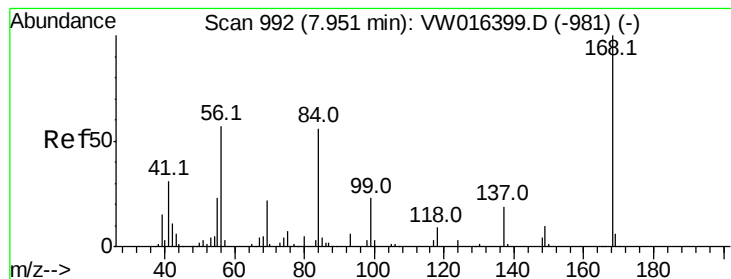
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
Data File : VW016418.D
Acq On : 31 Aug 2020 18:05
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ClientSampleId :
LINDEN-BH-02-A

Quant Time: Sep 01 02:59:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016418.D

Acq: 31 Aug 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

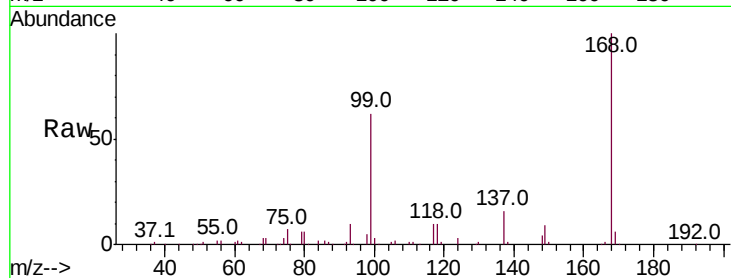
LINDEN-BH-02-A

Tot Ion:168 Resp: 140274

Ion Ratio Lower Upper

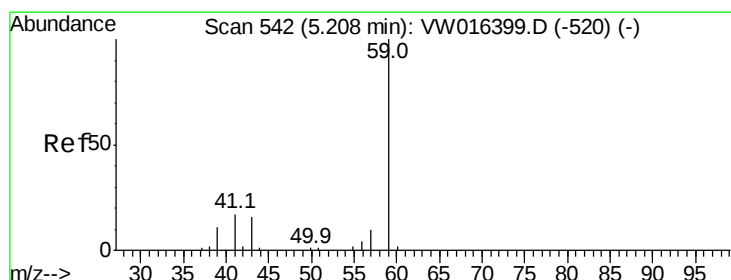
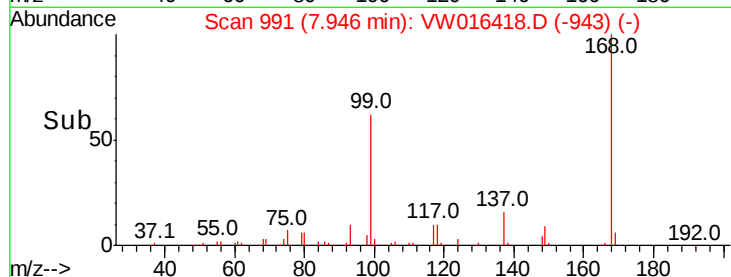
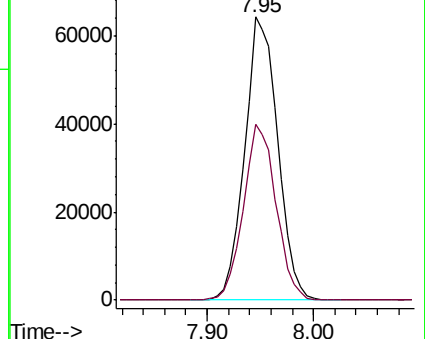
168 100

99 62.3 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.06 min

Lab File: VW016418.D

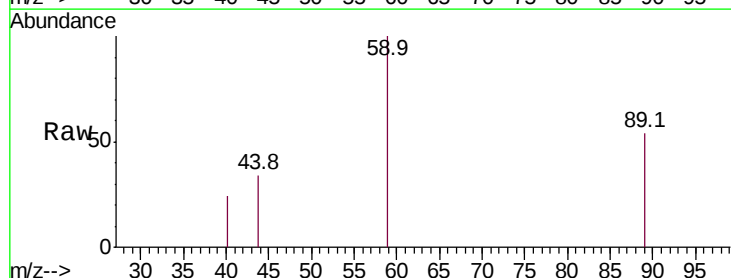
Acq: 31 Aug 2020 18:05

Tgt Ion: 59 Resp: 512

Ion Ratio Lower Upper

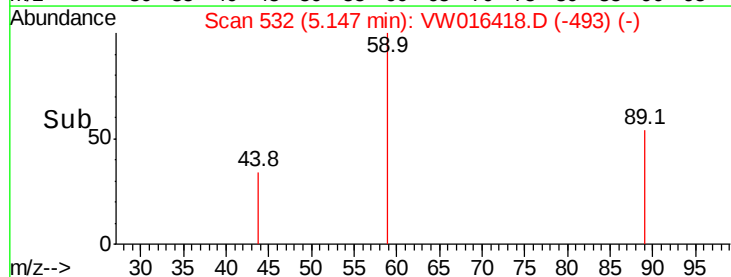
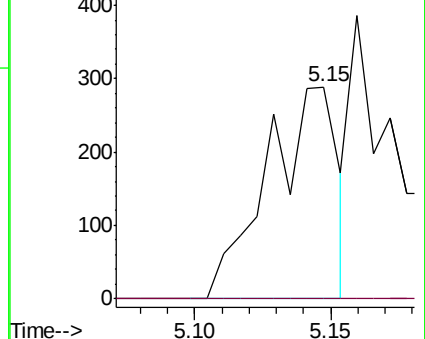
59 100

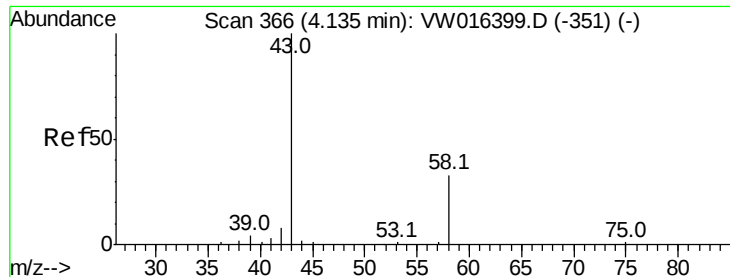
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 14.007 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW016418.D

Acq: 31 Aug 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

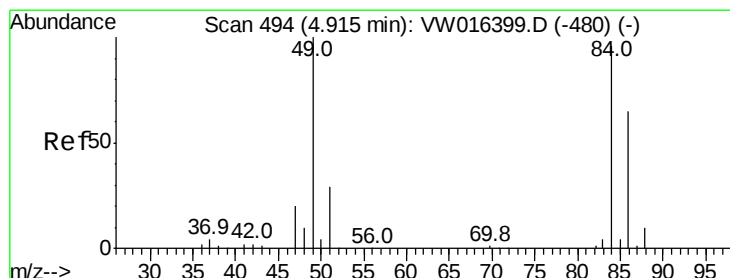
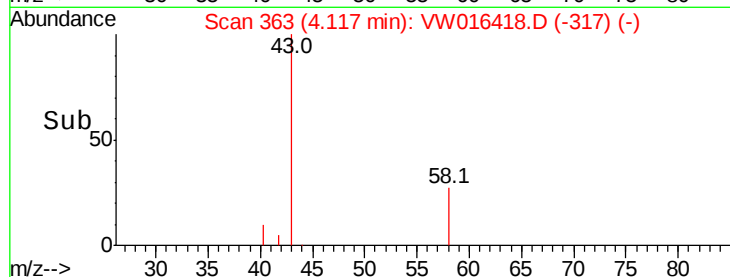
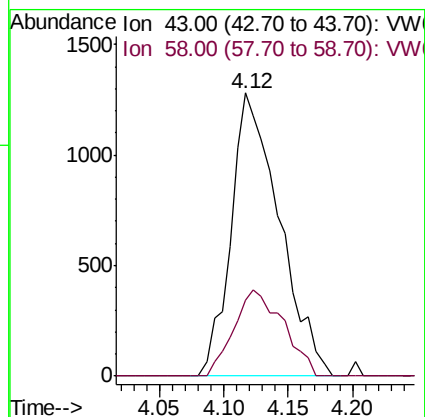
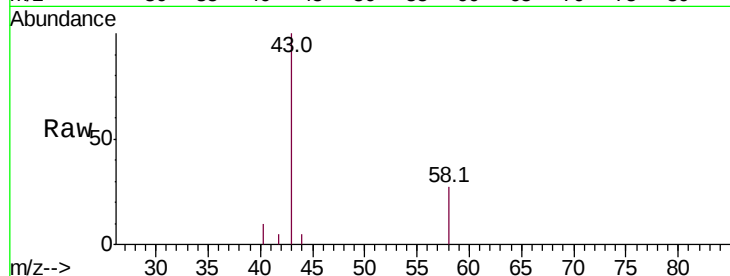
LINDEN-BH-02-A

Tot Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

58 27.0 26.6 39.8



#20

Methylene Chloride

Concen: 3.550 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016418.D

Acq: 31 Aug 2020 18:05

Tgt Ion: 84 Resp: 13276

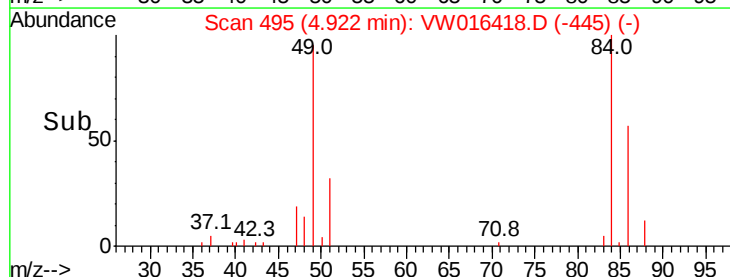
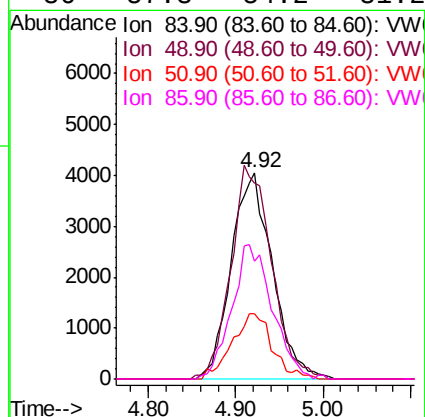
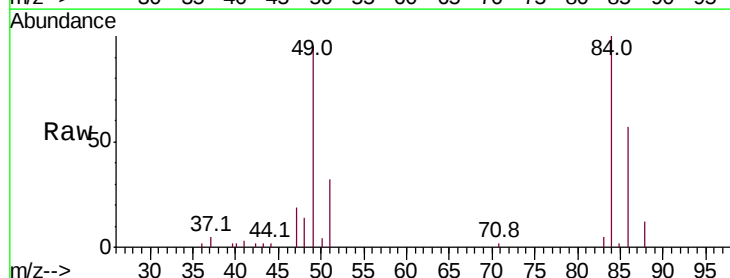
Ion Ratio Lower Upper

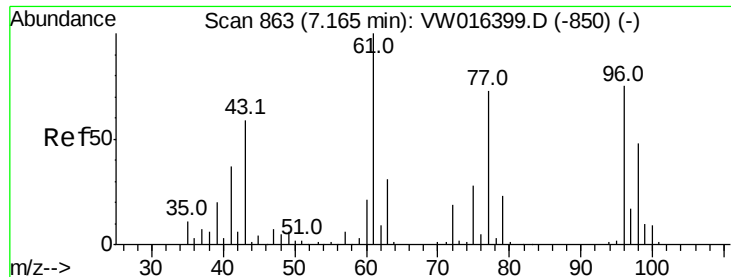
84 100

49 94.7 83.2 124.8

51 31.7 24.4 36.6

86 57.3 54.2 81.2

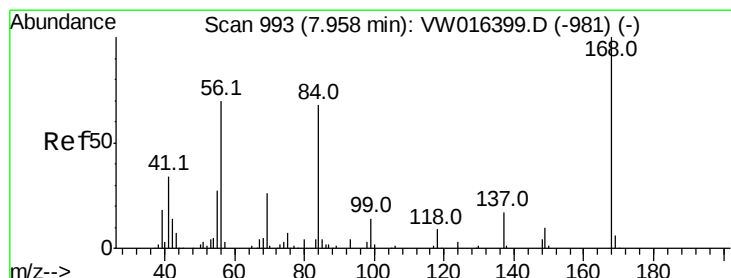
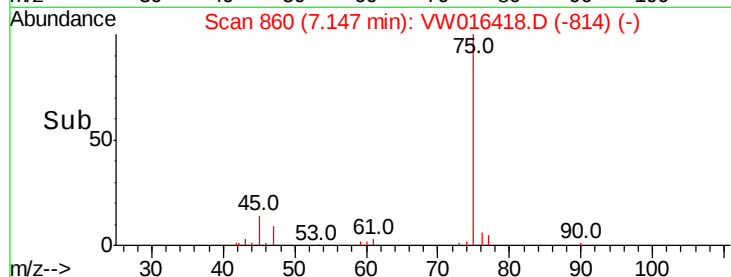
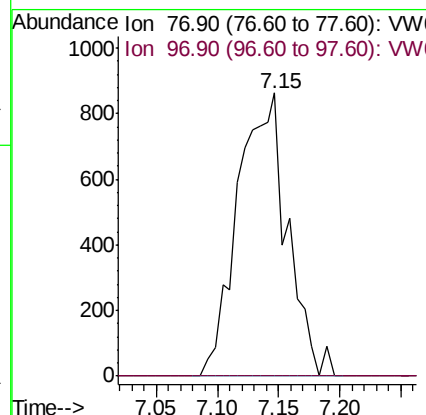
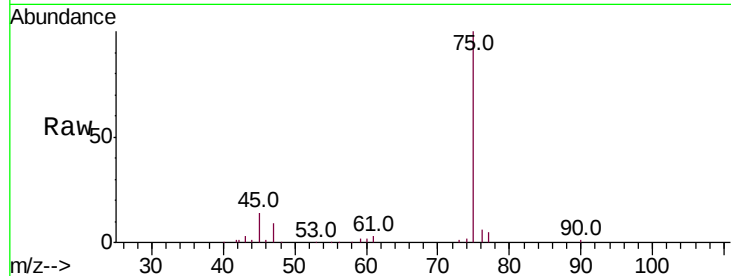




#26
 2,2-Dichloropropane
 Concen: 1.318 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

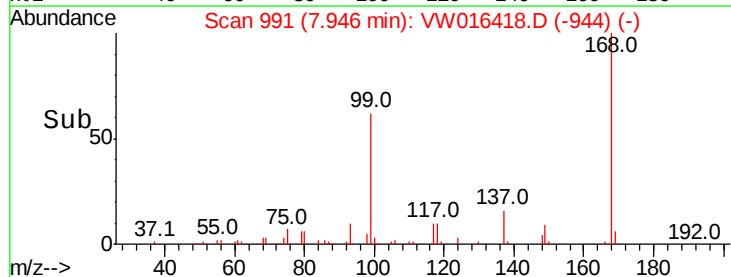
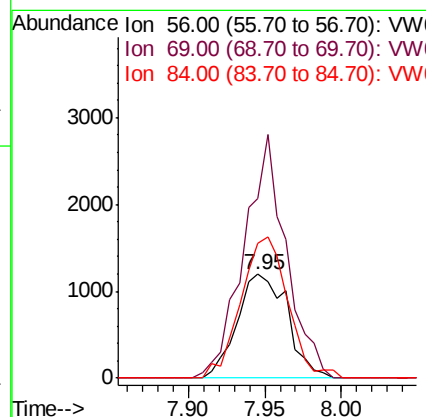
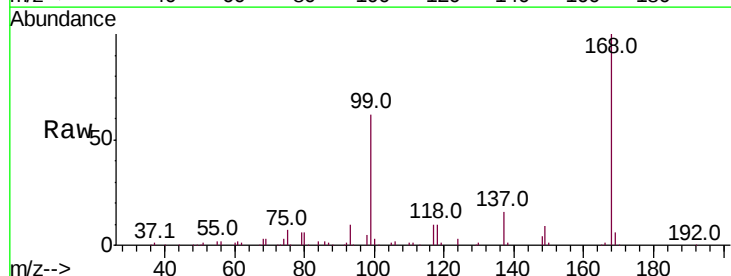
Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-02-A

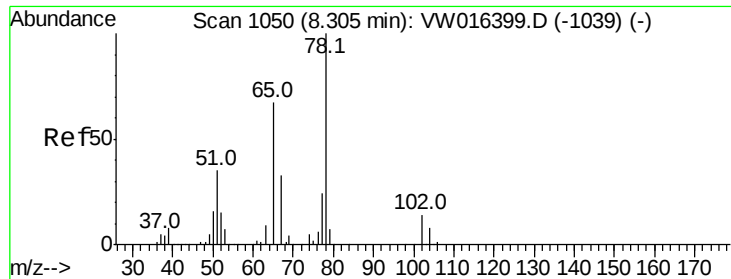
Tot Ion: 77 Resp: 2425
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.0#



#31
 Cyclohexane
 Concen: 1.254 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

Tgt Ion: 56 Resp: 2738
 Ion Ratio Lower Upper
 56 100
 69 173.1 30.0 45.0#
 84 129.7 77.4 116.2#

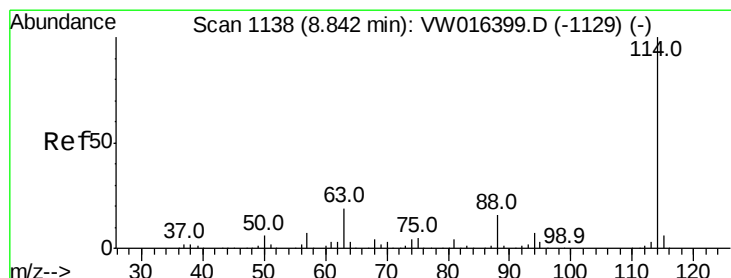
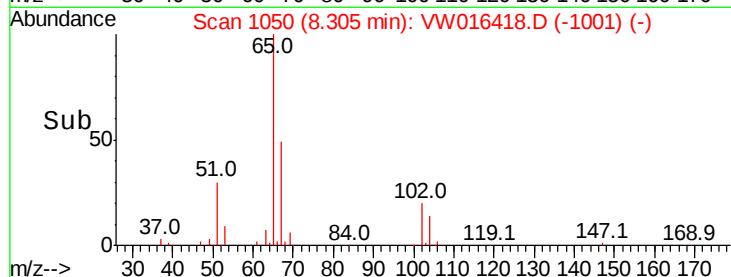
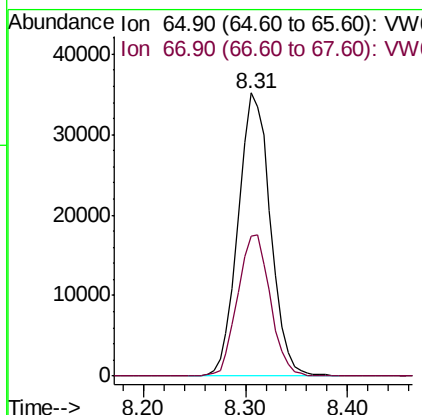
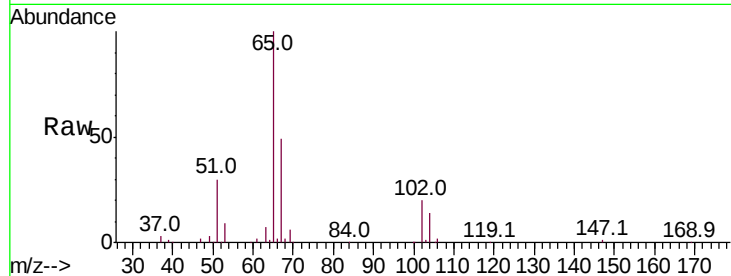




#33
 1,2-Dichloroethane-d4
 Concen: 55.154 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

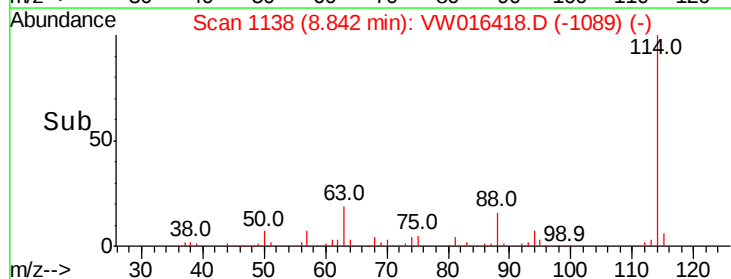
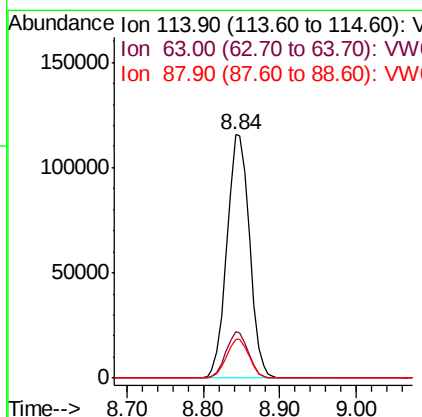
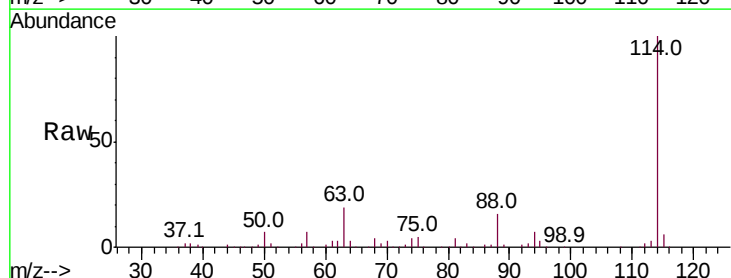
Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-02-A

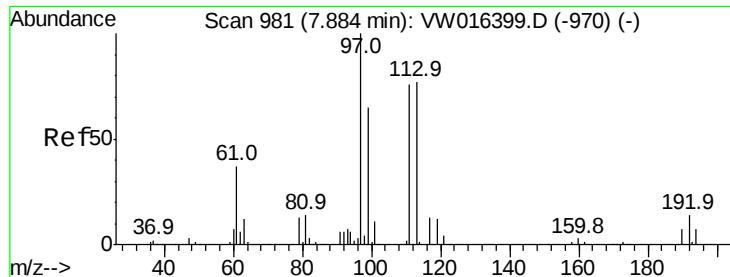
Tot Ion: 65 Resp: 77448
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

Tgt Ion: 114 Resp: 236139
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.9 0.0 31.2

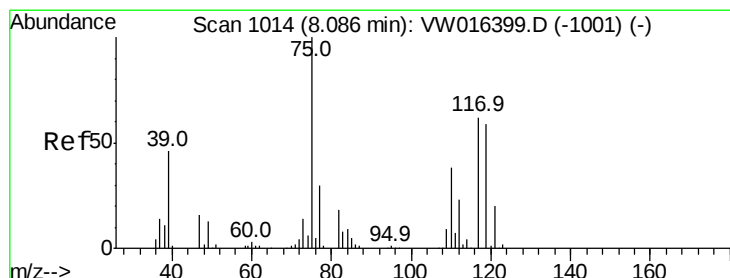
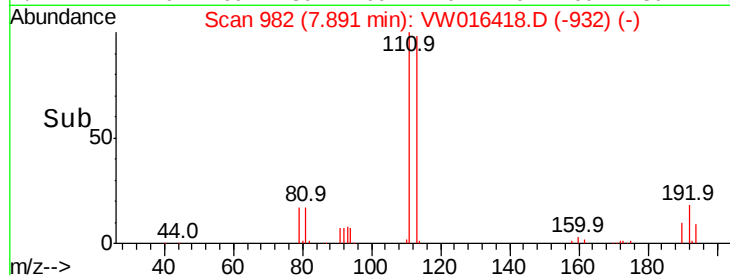
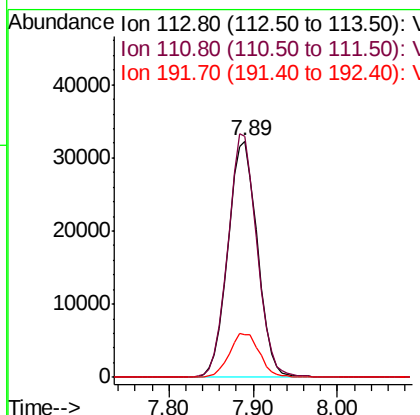
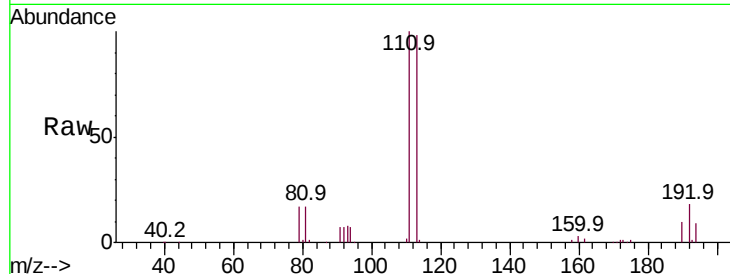




#35
 Dibromofluoromethane
 Concen: 51.242 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

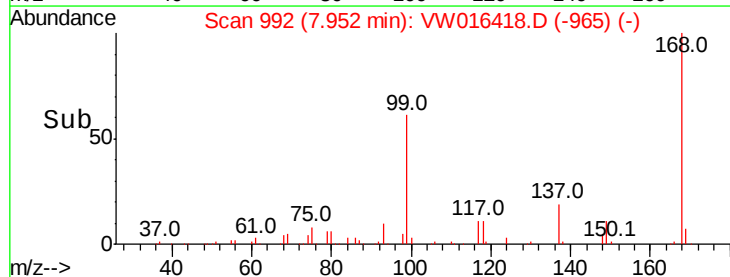
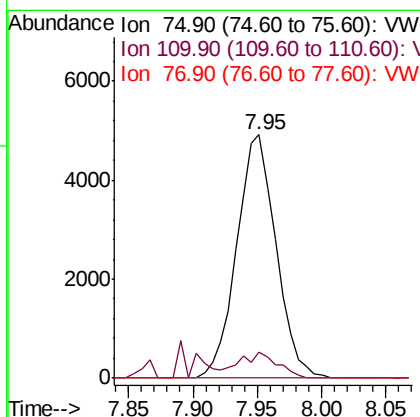
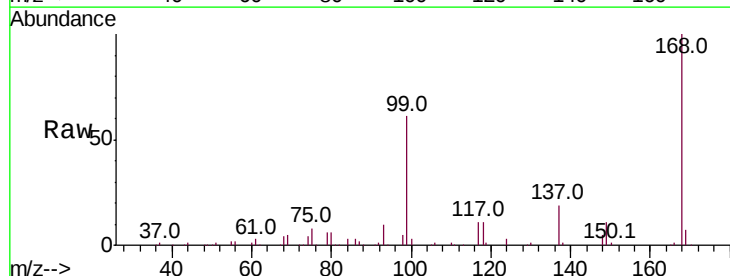
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 MSVOA_W
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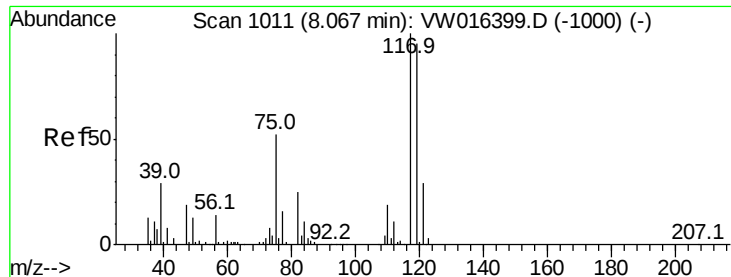
Tot Ion:113 Resp: 76591
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.1 123.1
 192 19.0 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.623 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

Tgt Ion: 75 Resp: 10389
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.6 56.0#
 77 0.0 25.1 37.7#

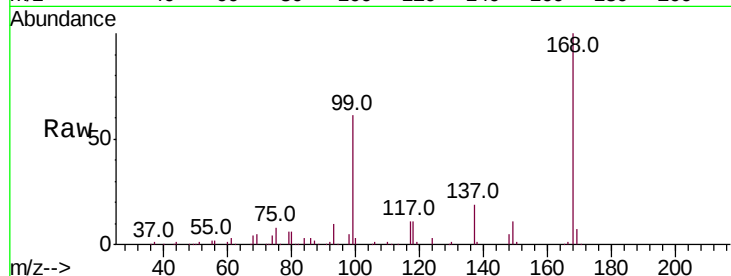




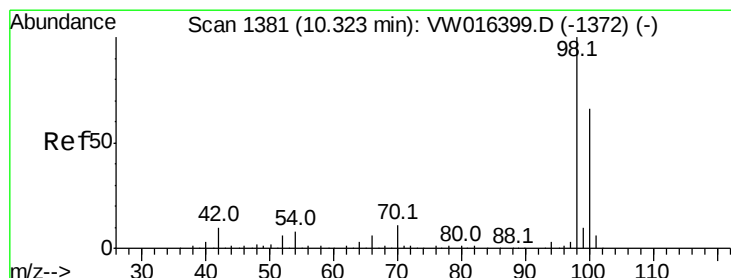
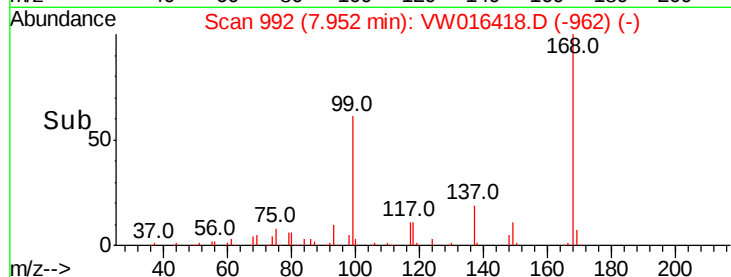
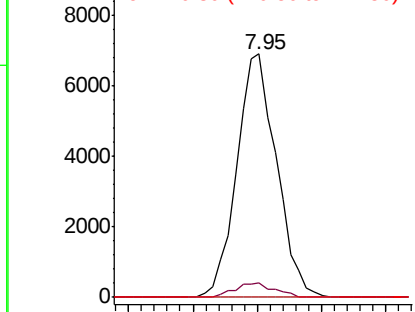
#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW016418.D
Acq: 31 Aug 2020 18:05

Instrument :
MSVOA_W
ClientSampleId :
LINDEN-BH-02-A

Tot Ion:117 Resp: 14700
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 23.0 34.6#

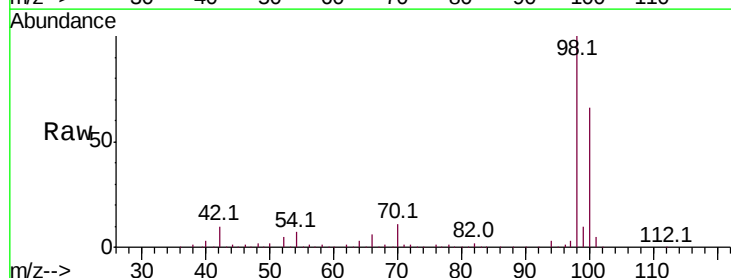


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

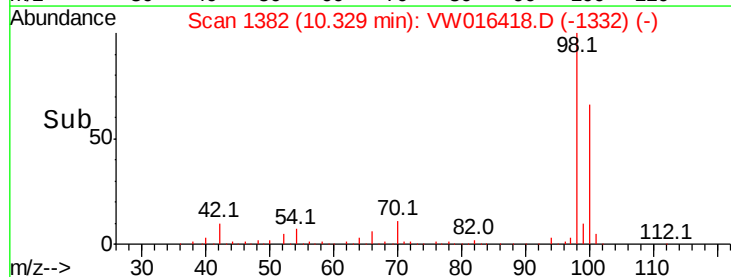
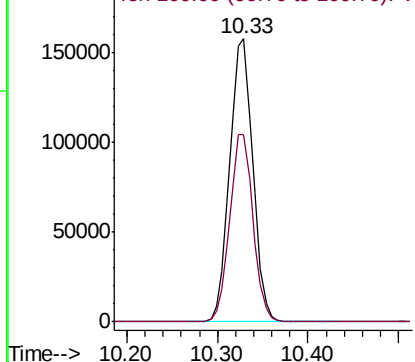


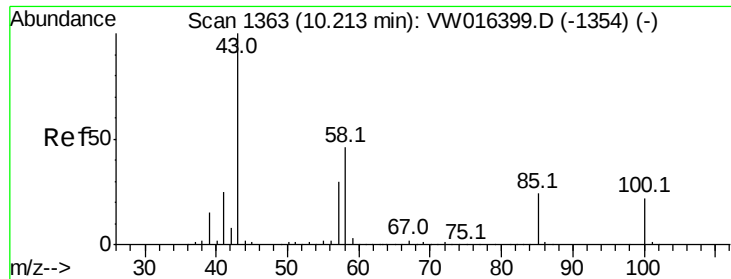
#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016418.D
Acq: 31 Aug 2020 18:05

Tgt Ion: 98 Resp: 279394
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 2.524 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016418.D

Acq: 31 Aug 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

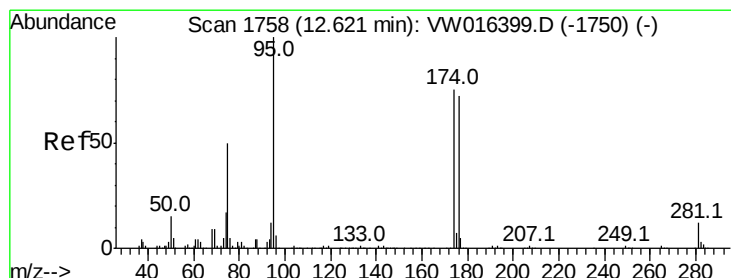
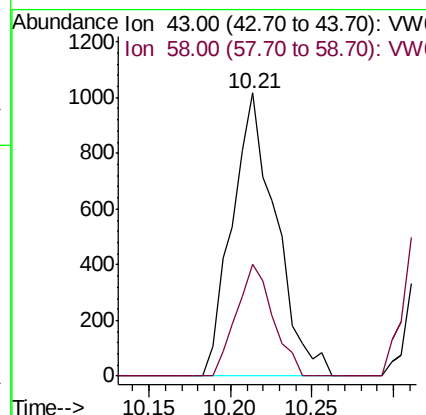
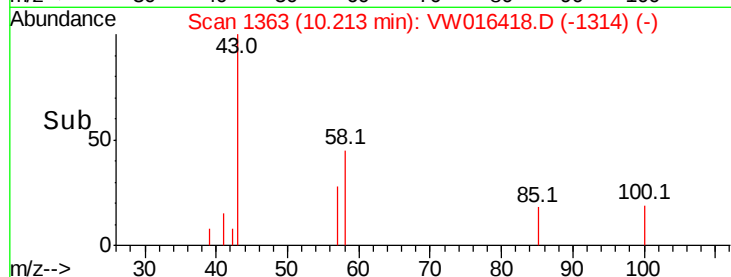
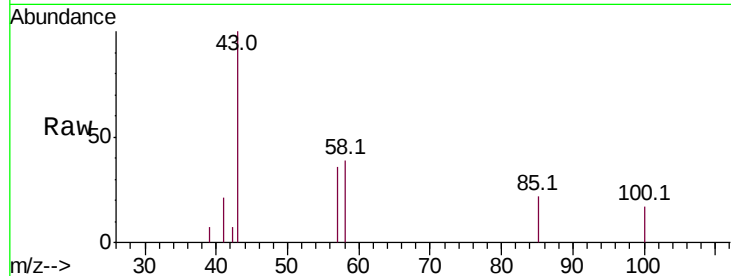
LINDEN-BH-02-A

Tot Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

58 33.4 35.4 53.0#



#62

4-Bromofluorobenzene

Concen: 50.292 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016418.D

Acq: 31 Aug 2020 18:05

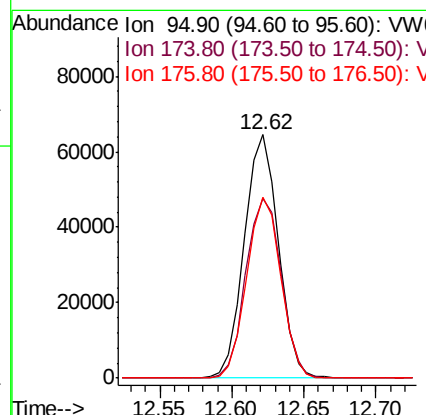
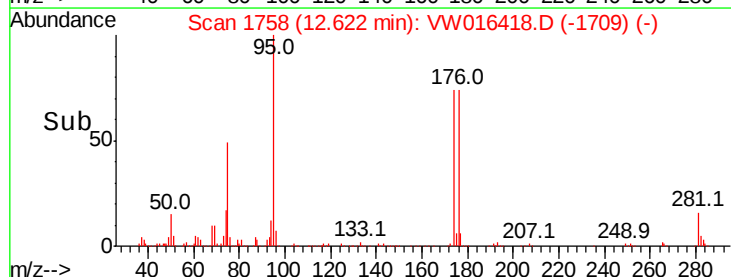
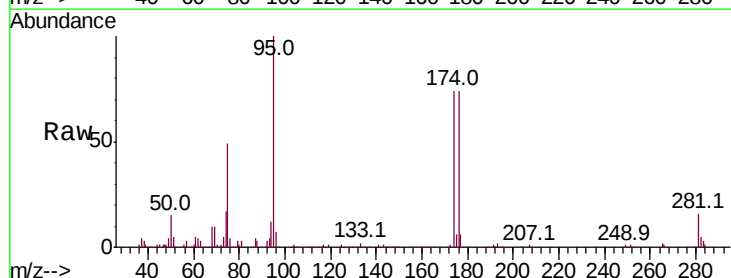
Tgt Ion: 95 Resp: 105555

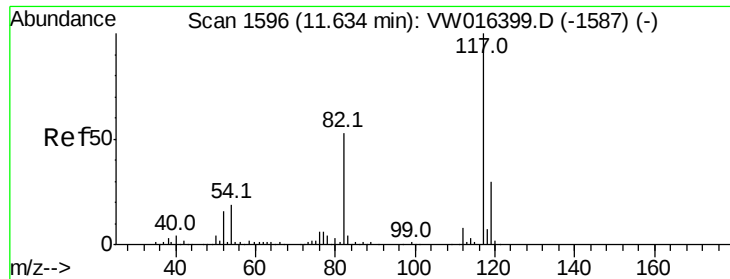
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.0

176 74.4 0.0 145.6

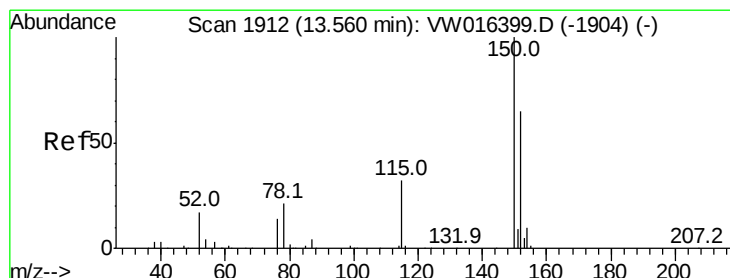
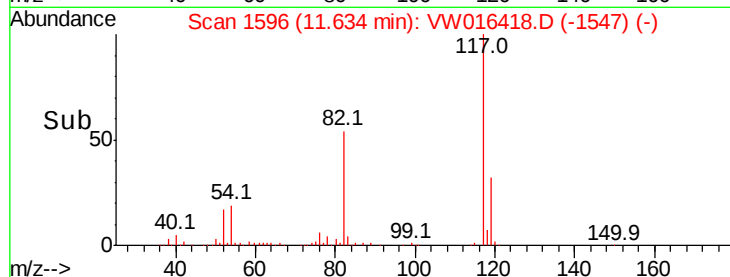
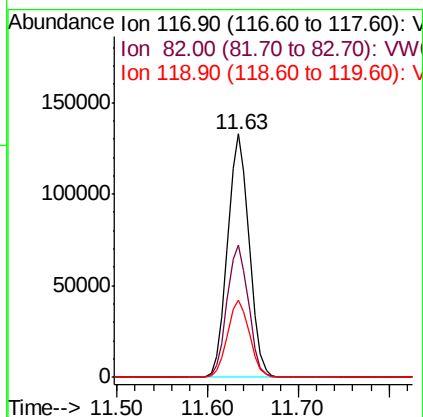
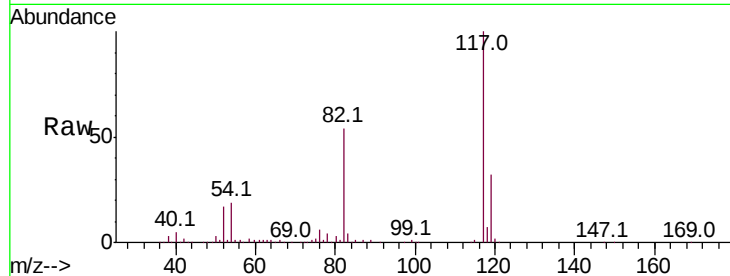




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016418.D
Acq: 31 Aug 2020 18:05

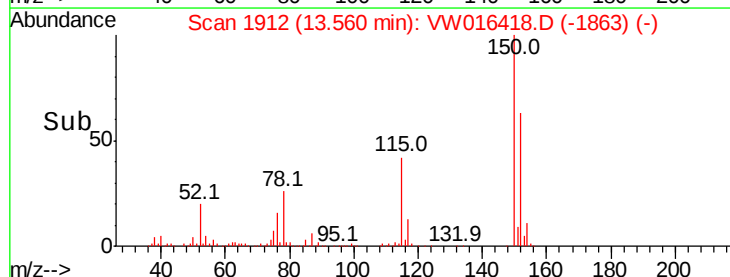
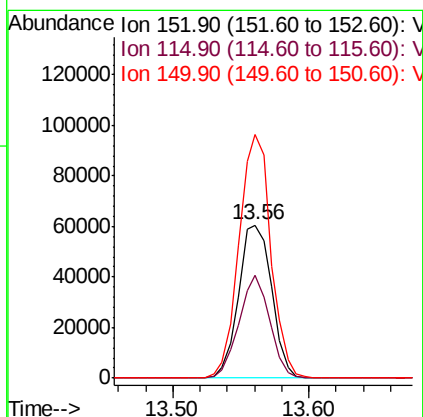
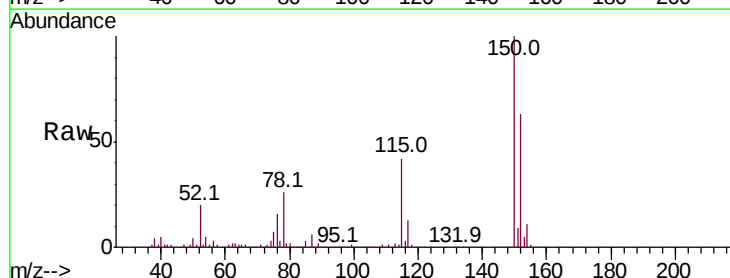
Instrument :
MSVOA_W
ClientSampleId :
LINDEN-BH-02-A

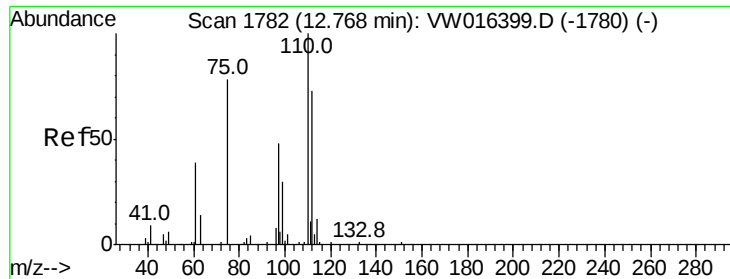
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	31.8	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016418.D
Acq: 31 Aug 2020 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.9	92.5
150	152.6	0.0	351.0

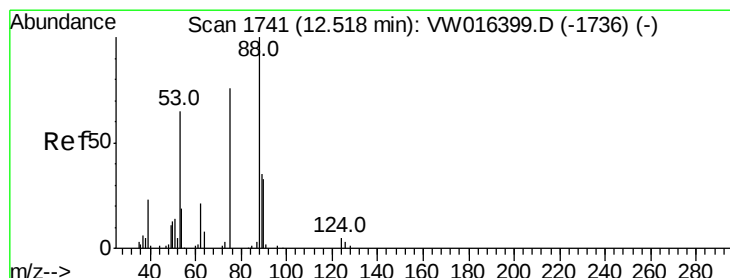
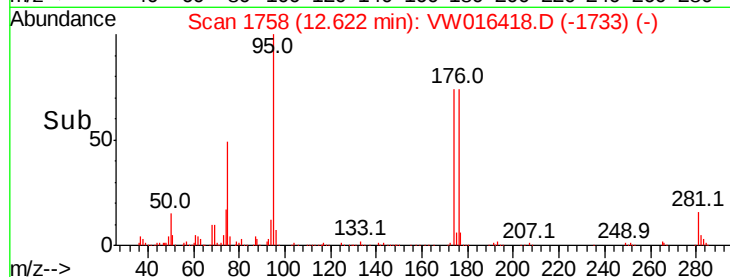
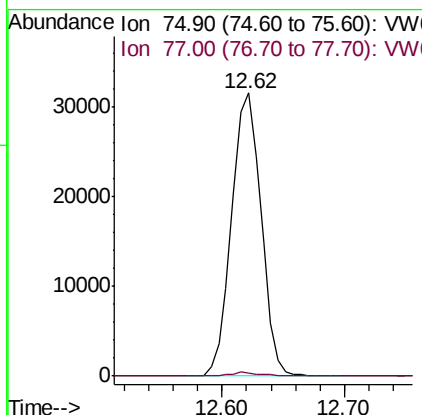
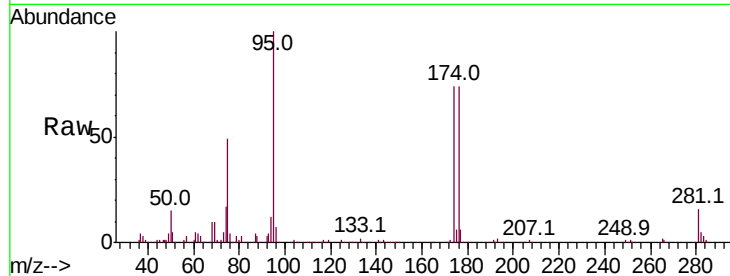




#76
 1,2,3-Trichloropropane
 Concen: 57.831 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-BH-02-A

Tot Ion: 75 Resp: 52699
 Ion Ratio Lower Upper
 75 100
 77 1.3 173.4 520.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.396 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW016418.D
 Acq: 31 Aug 2020 18:05

Tgt Ion: 75 Resp: 52699
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.5 40.4 60.6#

