

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016415.D
 Acq On : 31 Aug 2020 16:49
 Operator : SY/VA
 Sample : L3847-30
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-JOP-BH-12-C

Quant Time: Sep 01 02:59:32 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	145313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	246967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	222755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99367	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	81763	56.21	ug/l	0.00
Spiked Amount			Recovery	=	112.42%	
35) Dibromofluoromethane	7.88	113	78821	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.33	98	292095	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	105504	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

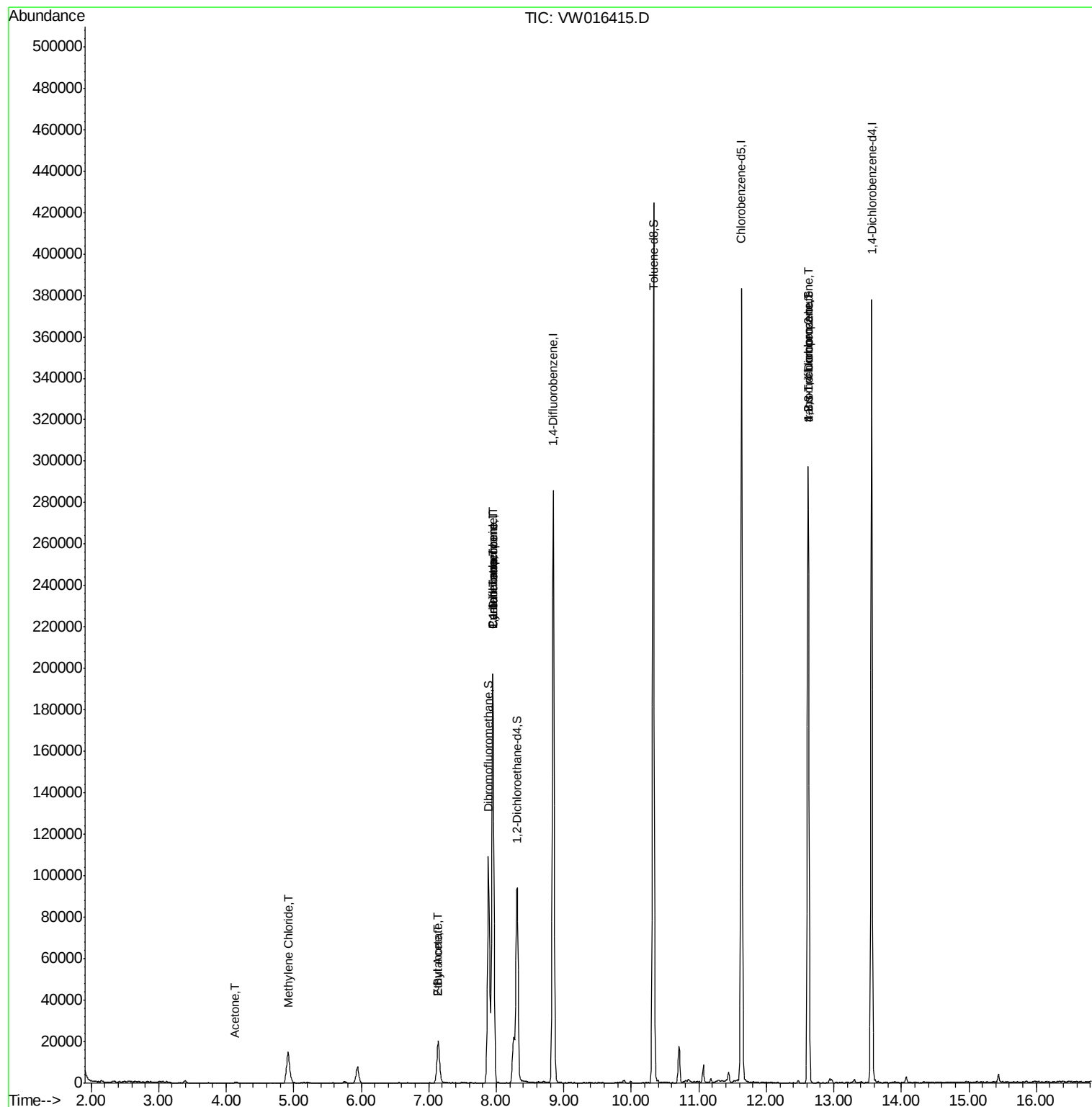
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	271	Below Cal	#	72
16) Acetone	4.13	43	613	2.482	ug/l #	71
20) Methylene Chloride	4.91	84	12966	2.979	ug/l	90
25) 2-Butanone	7.14	43	1002	2.990	ug/l #	41
31) Cyclohexane	7.95	56	2701	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11153	4.745	ug/l #	48
37) Ethyl Acetate	7.14	43	1002	1.258	ug/l #	1
38) Carbon Tetrachloride	7.95	117	15397	5.978	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	52719	59.999	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	52719	133.210	ug/l #	11

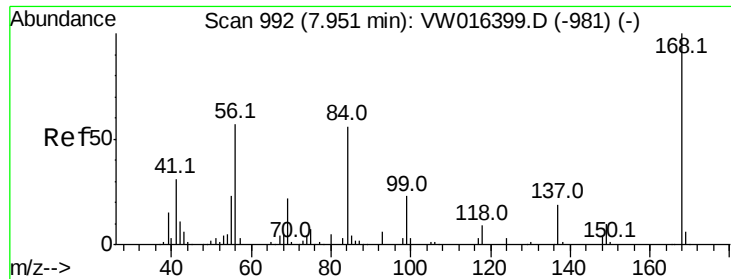
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LINDEN-JOP-BH-12-C

Quant Time: Sep 01 02:59:32 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: VW016415.D

Acq: 31 Aug 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

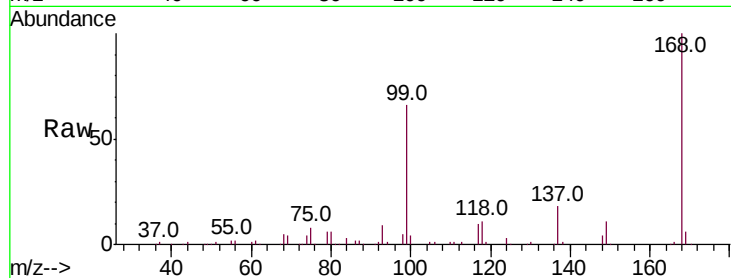
LINDEN-JOP-BH-12-C

Tot Ion:168 Resp: 145313

Ion Ratio Lower Upper

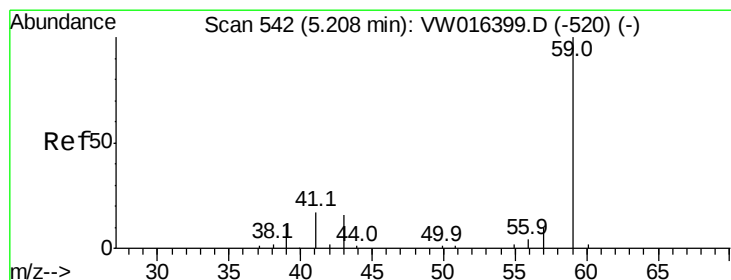
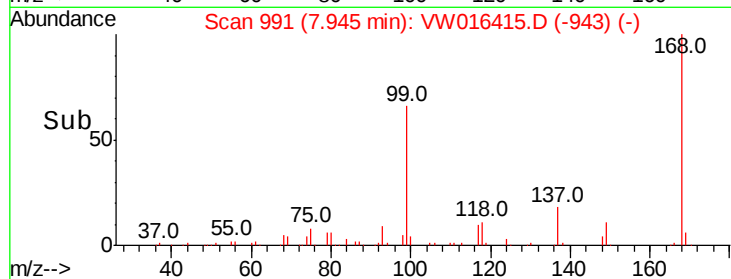
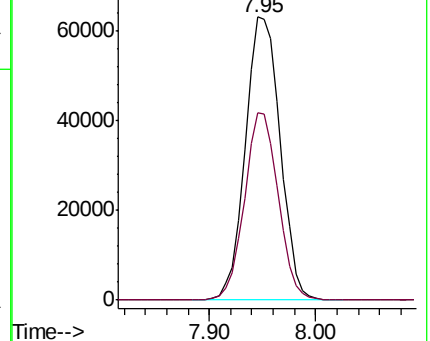
168 100

99 66.1 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: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW016415.D

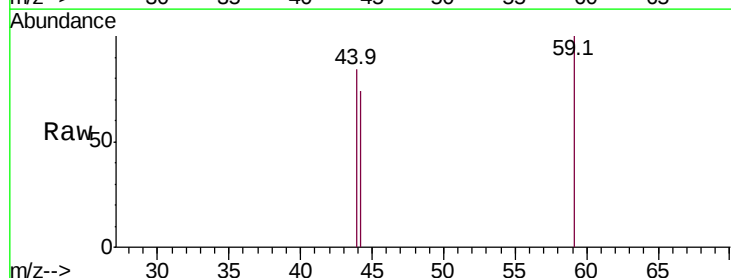
Acq: 31 Aug 2020 16:49

Tgt Ion: 59 Resp: 271

Ion Ratio Lower Upper

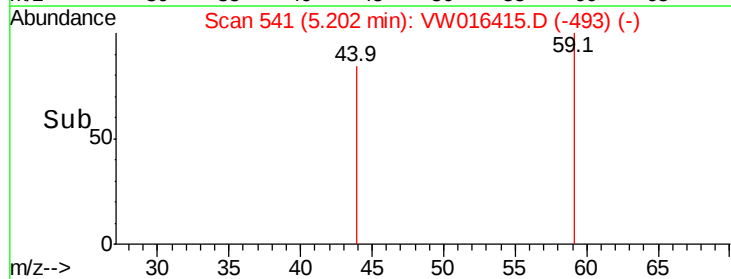
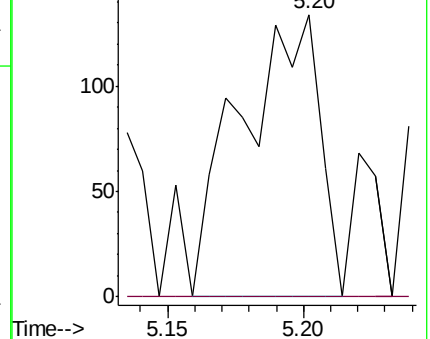
59 100

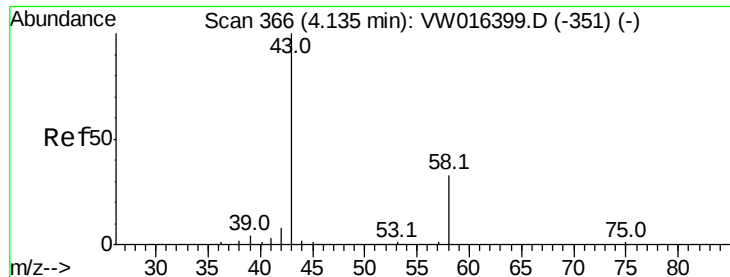
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

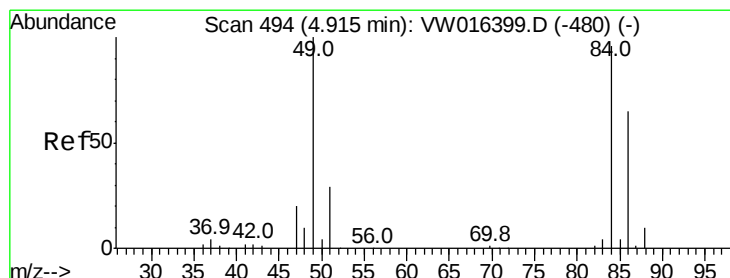
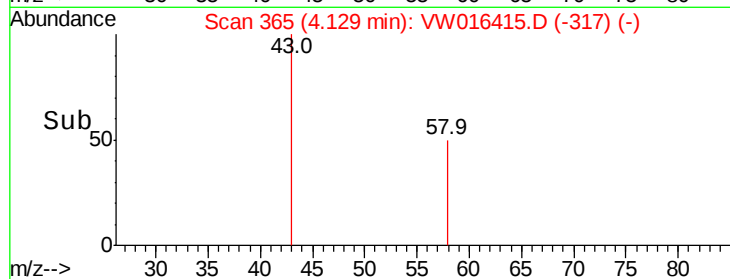
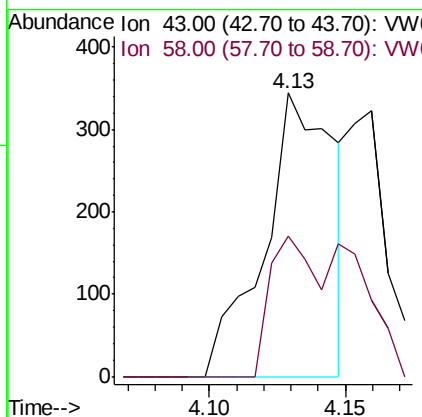
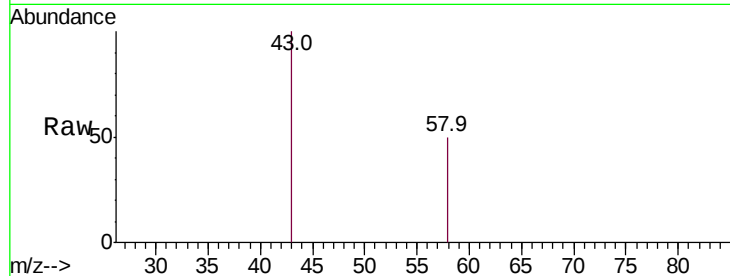




#16
Acetone
Concen: 2.482 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

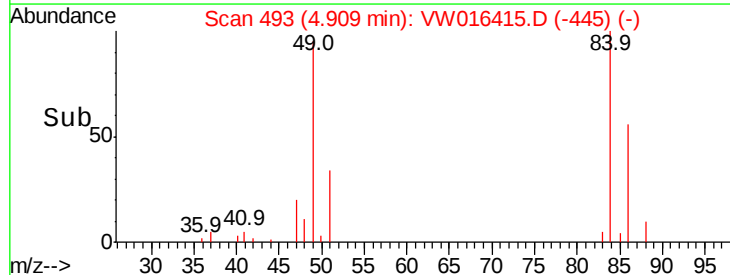
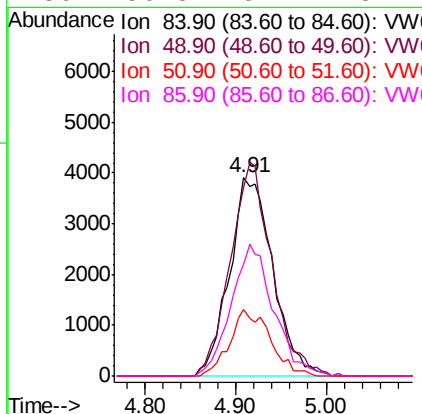
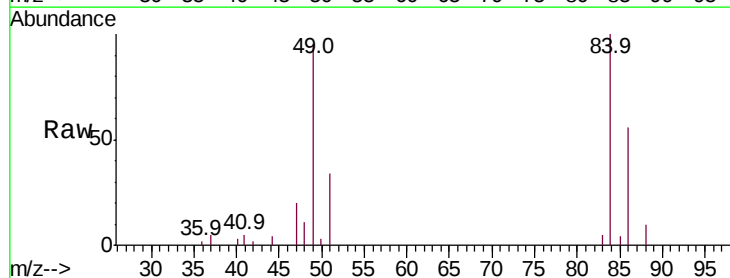
Instrument :
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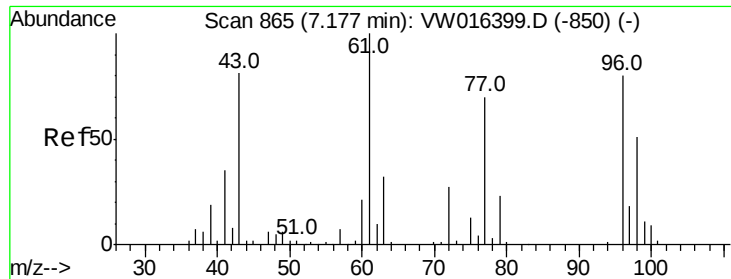
Tot Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 49.7 26.6 39.8#



#20
Methylene Chloride
Concen: 2.979 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

Tgt Ion: 84 Resp: 12966
Ion Ratio Lower Upper
84 100
49 95.4 83.2 124.8
51 33.8 24.4 36.6
86 56.3 54.2 81.2

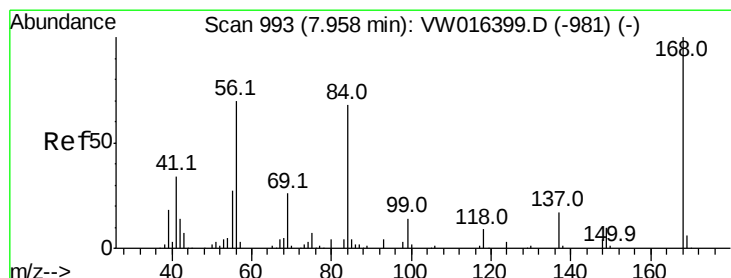
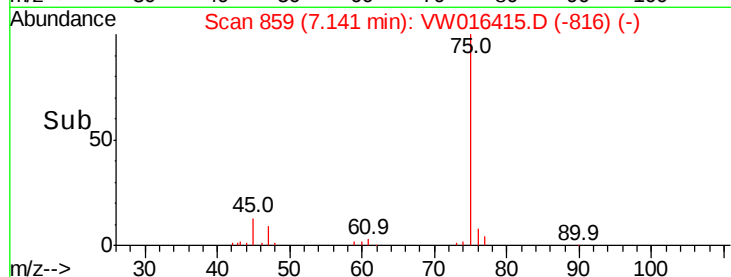
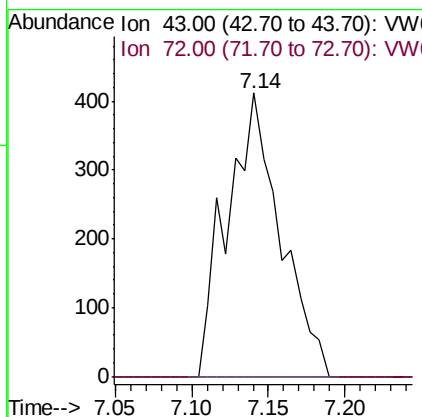
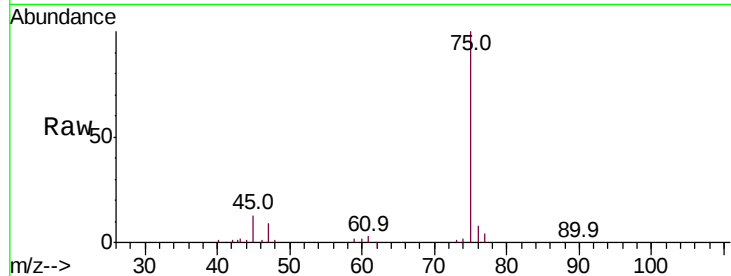




#25
2-Butanone
Concen: 2.990 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

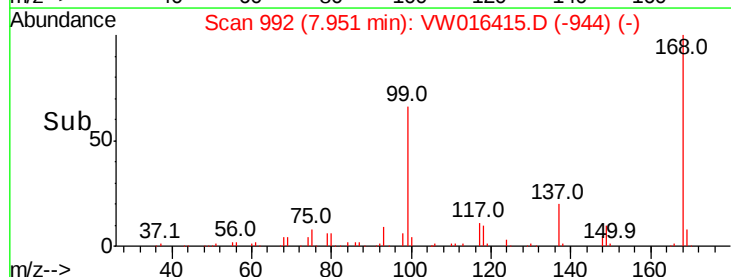
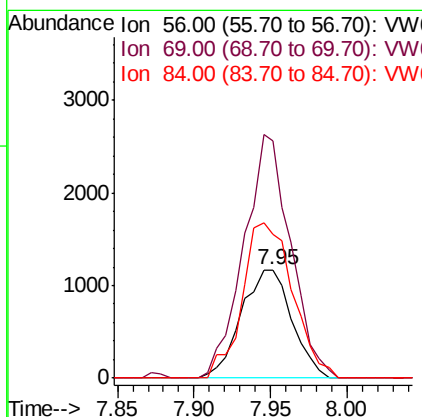
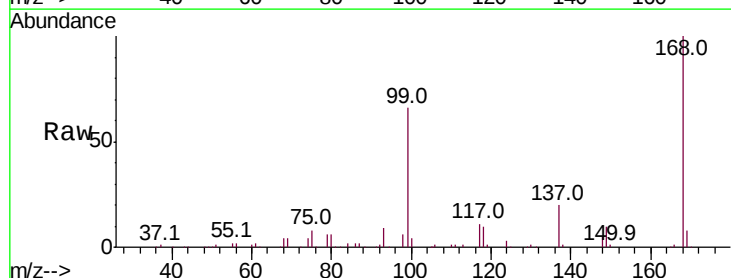
Instrument :
MSVOA_W
ClientSampleId :
LINDEN-JOP-BH-12-C

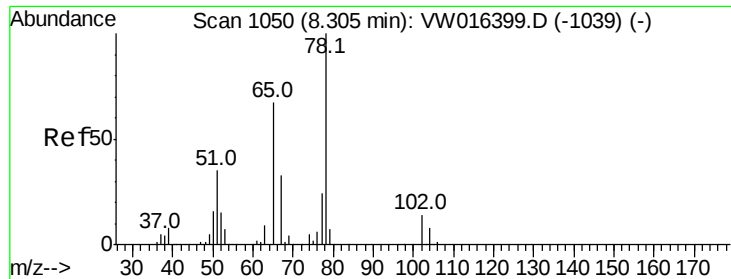
Tot Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
72 0.0 26.7 40.1#



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

Tgt Ion: 56 Resp: 2701
Ion Ratio Lower Upper
56 100
69 218.3 30.0 45.0#
84 132.5 77.4 116.2#

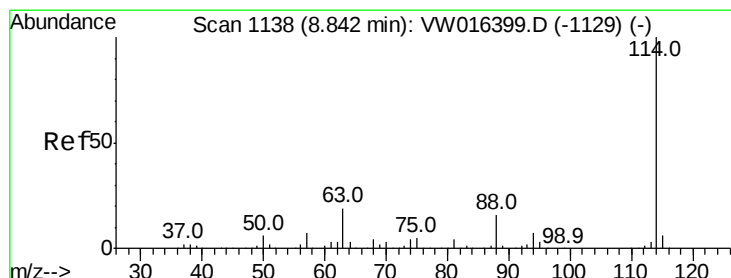
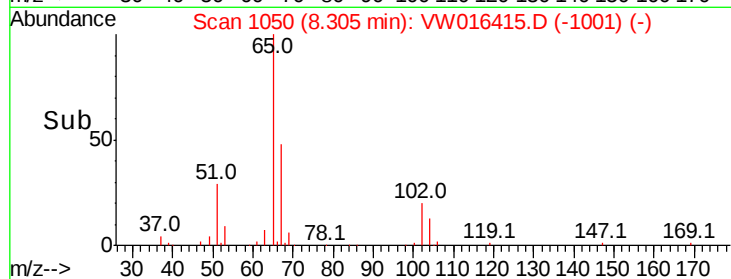
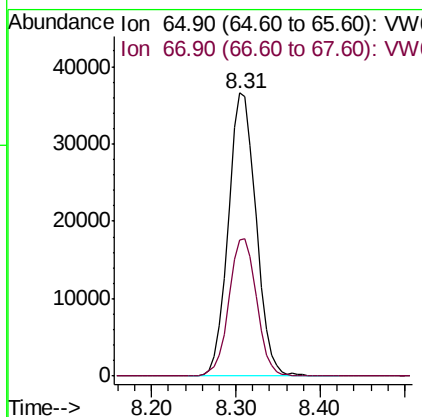
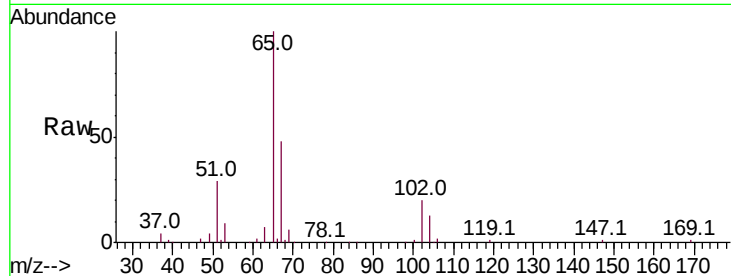




#33
 1,2-Dichloroethane-d4
 Concen: 56.208 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016415.D
 Acq: 31 Aug 2020 16:49

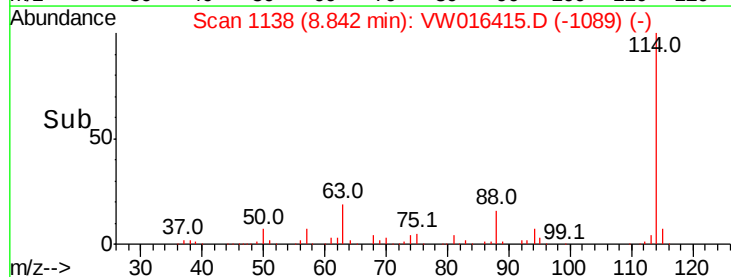
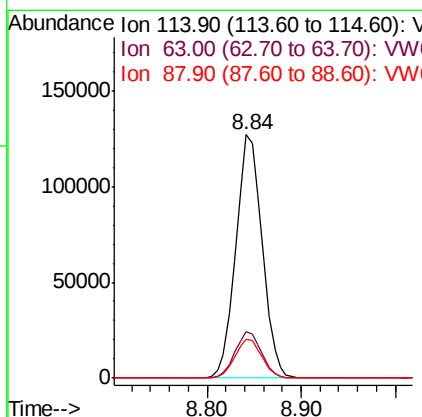
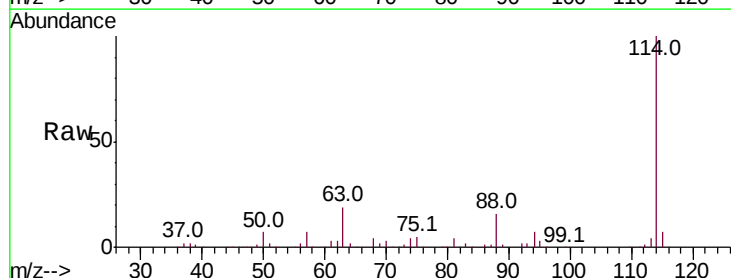
Instrument :
 MSVOA_W
 ClientSampleId :
 LINDEN-JOP-BH-12-C

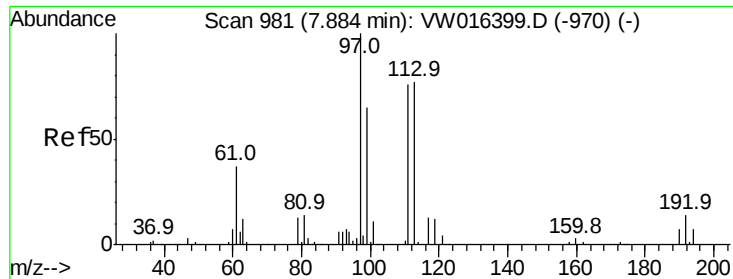
Tot Ion: 65 Resp: 81763
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016415.D
 Acq: 31 Aug 2020 16:49

Tgt Ion: 114 Resp: 246967
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.9 0.0 31.2

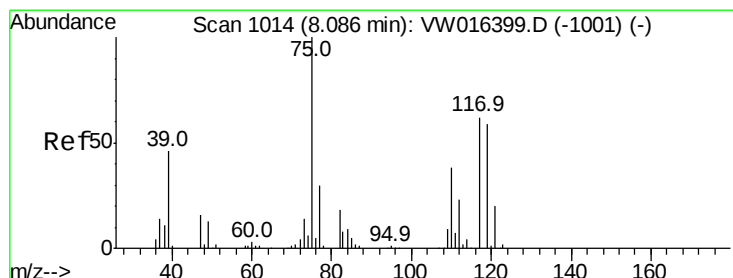
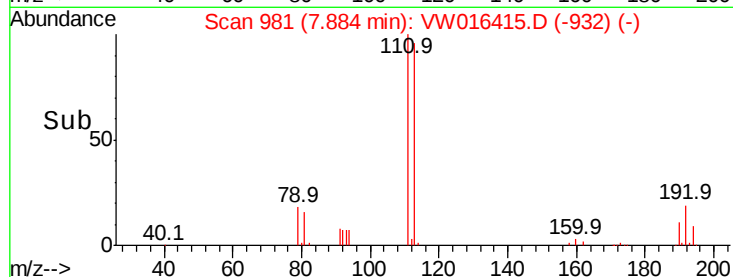
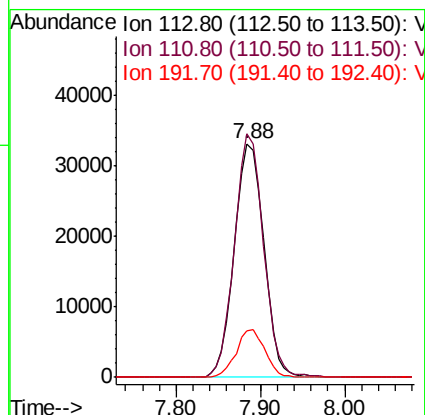
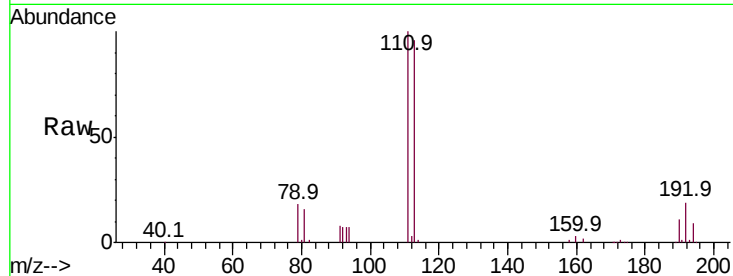




#35
 Dibromofluoromethane
 Concen: 50.422 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016415.D
 Acq: 31 Aug 2020 16:49

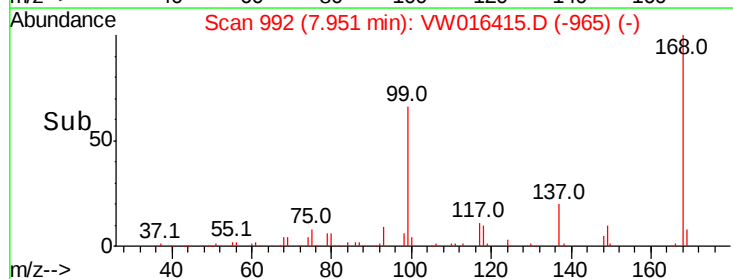
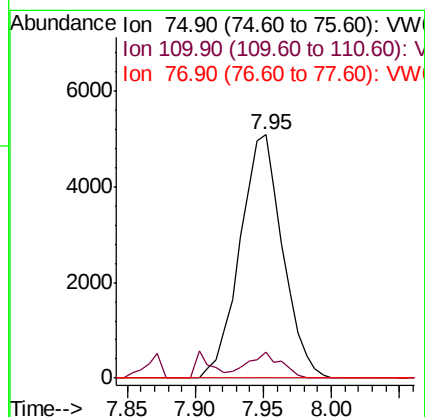
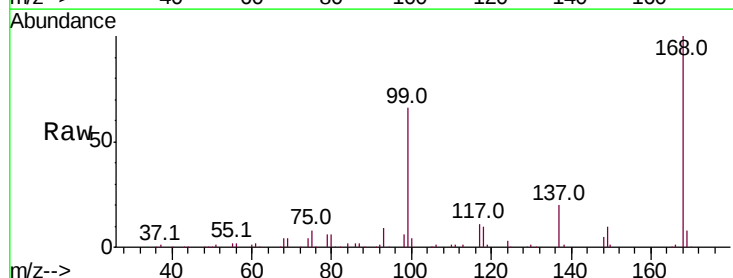
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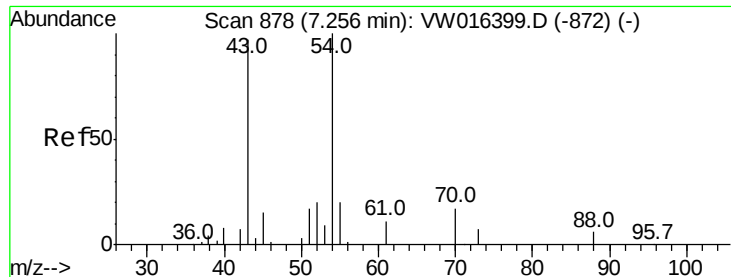
Tot Ion:113 Resp: 78821
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.1 123.1
 192 19.8 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016415.D
 Acq: 31 Aug 2020 16:49

Tgt Ion: 75 Resp: 11153
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.6 56.0#
 77 0.0 25.1 37.7#

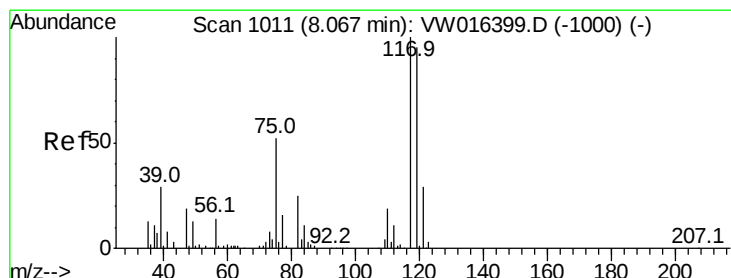
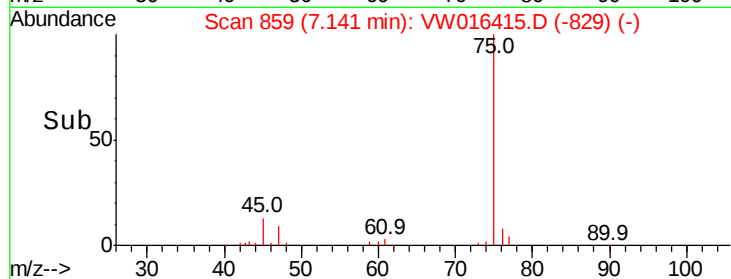
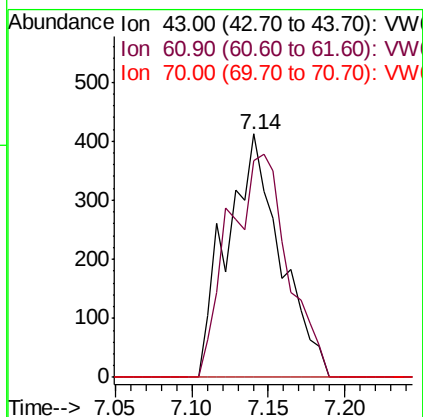
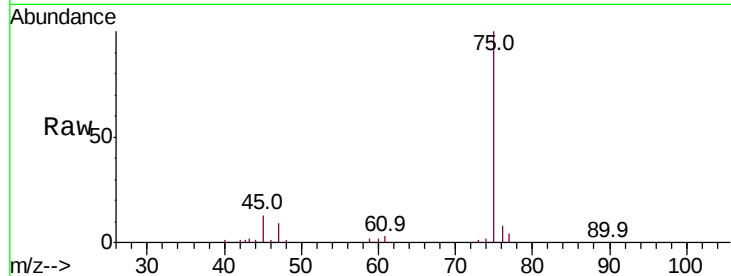




#37
Ethyl Acetate
Concen: 1.258 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.12 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

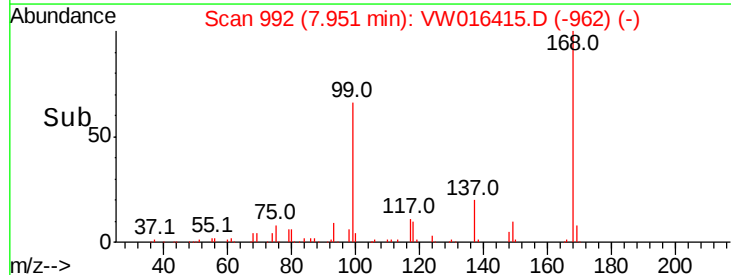
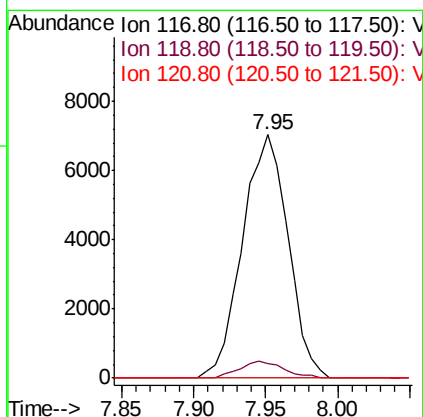
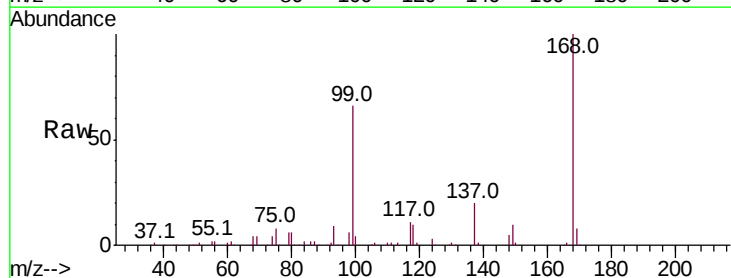
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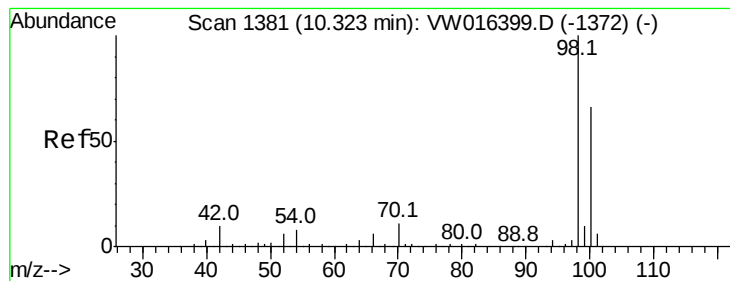
Tot Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
61 100.7 11.5 17.3#
70 0.0 10.7 16.1#



#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

Tgt Ion: 117 Resp: 15397
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 23.0 34.6#





#50

Toluene-d8

Concen: 49.899 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016415.D

Acq: 31 Aug 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

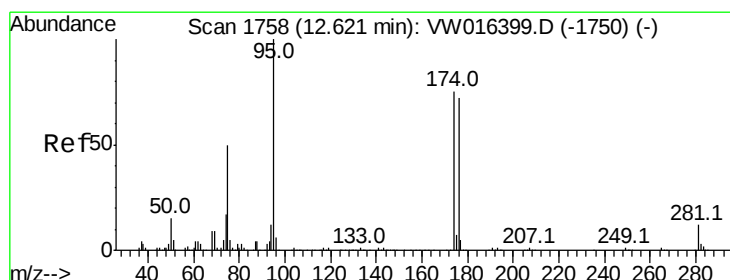
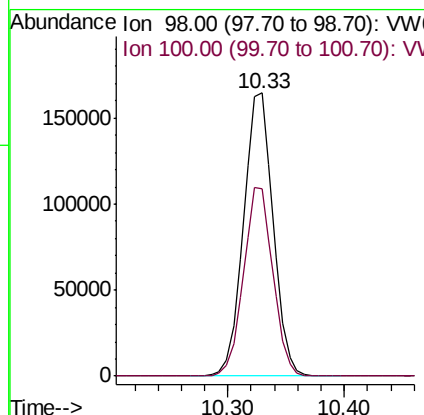
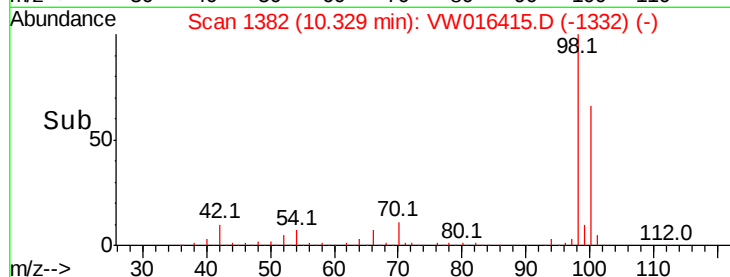
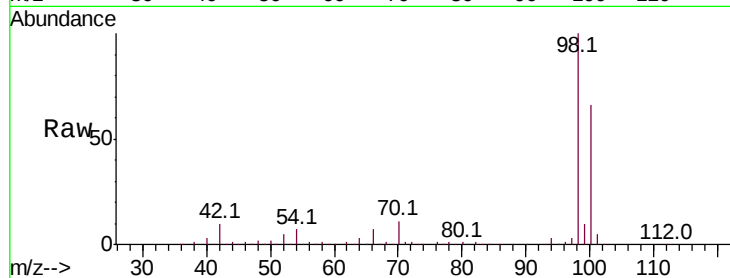
LINDEN-JOP-BH-12-C

Tot Ion: 98 Resp: 292095

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.063 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016415.D

Acq: 31 Aug 2020 16:49

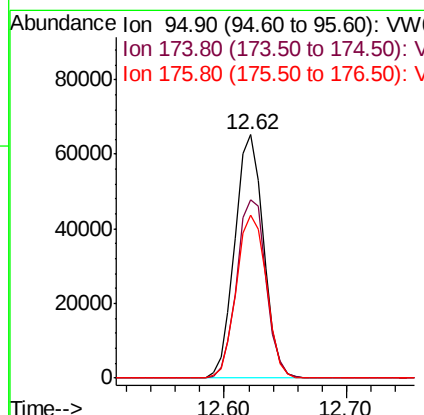
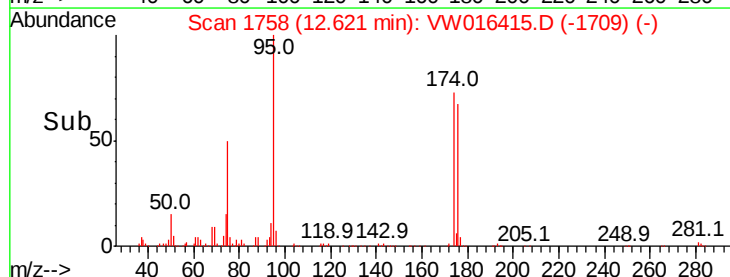
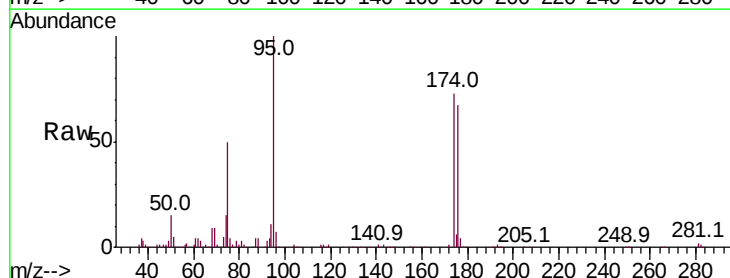
Tgt Ion: 95 Resp: 105504

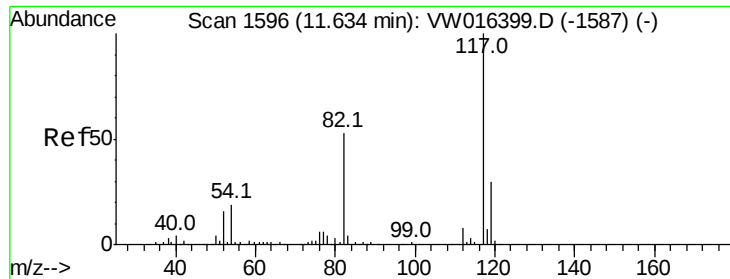
Ion Ratio Lower Upper

95 100

174 75.3 0.0 152.0

176 70.4 0.0 145.6

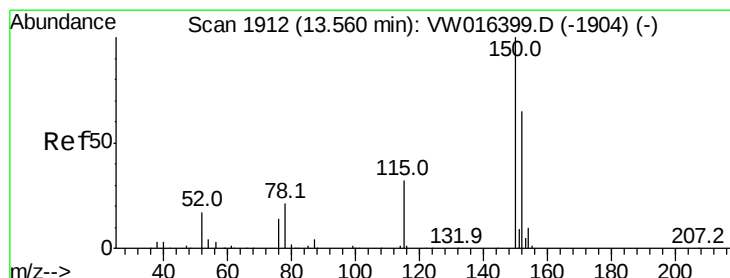
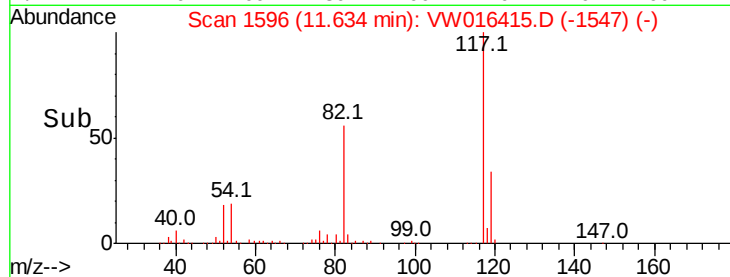
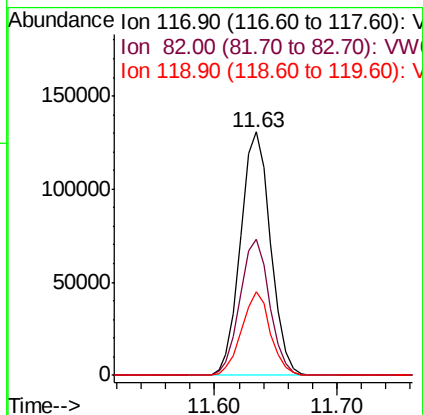
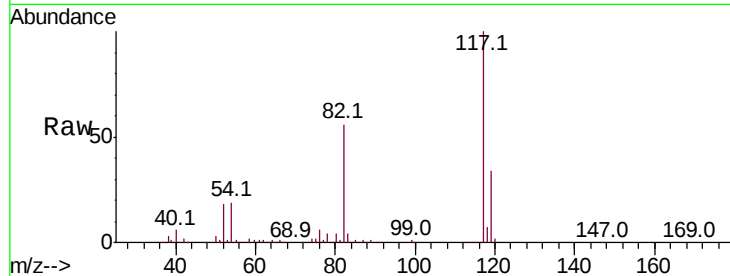




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

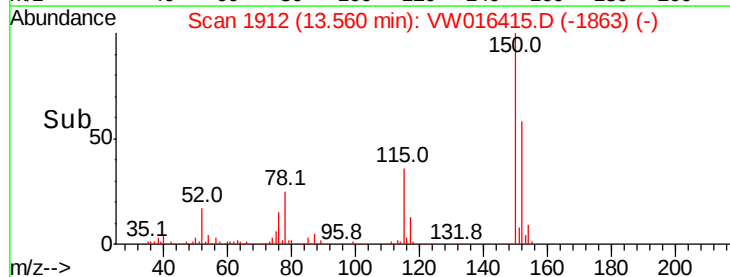
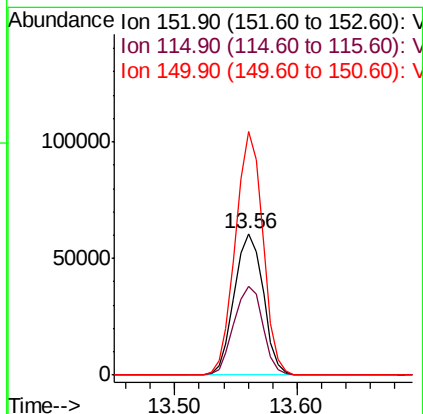
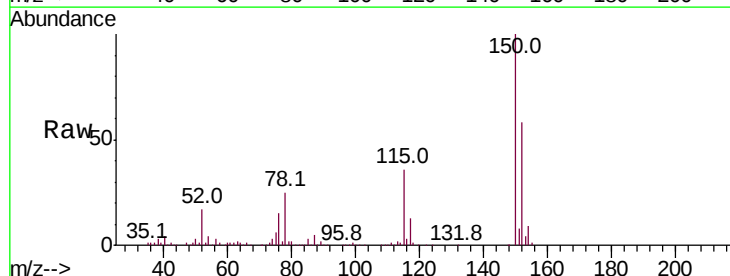
Instrument :
MSVOA_W
ClientSampleId :
LINDEN-JOP-BH-12-C

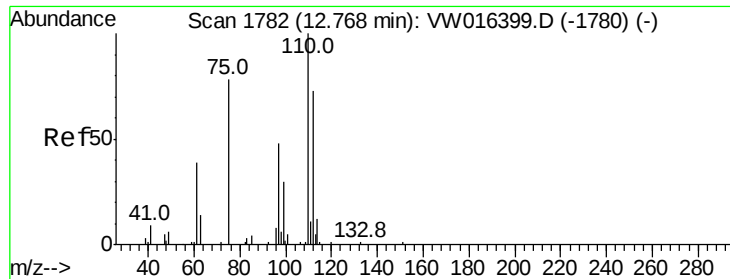
Tot Ion:117 Resp: 222755
Ion Ratio Lower Upper
117 100
82 55.8 42.2 63.4
119 34.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016415.D
Acq: 31 Aug 2020 16:49

Tgt Ion:152 Resp: 99367
Ion Ratio Lower Upper
152 100
115 62.4 30.9 92.5
150 163.5 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 59.999 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016415.D

Acq: 31 Aug 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

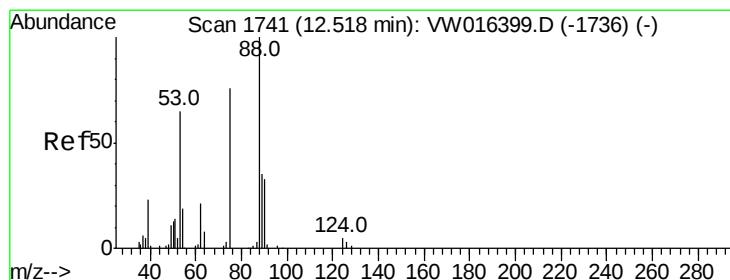
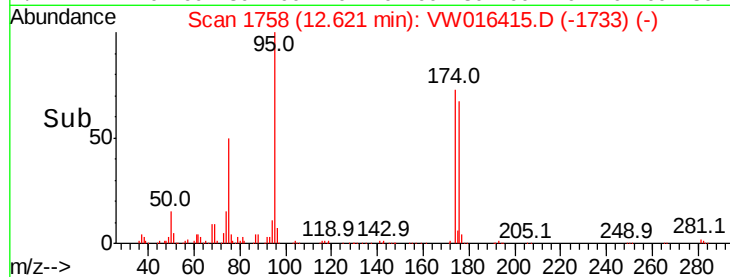
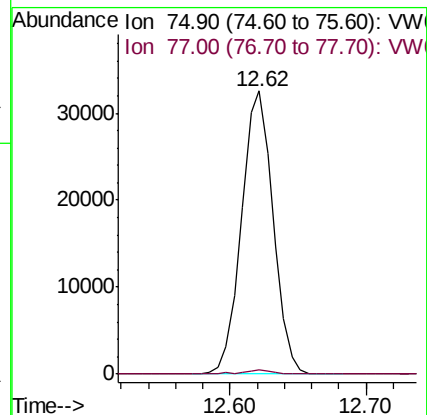
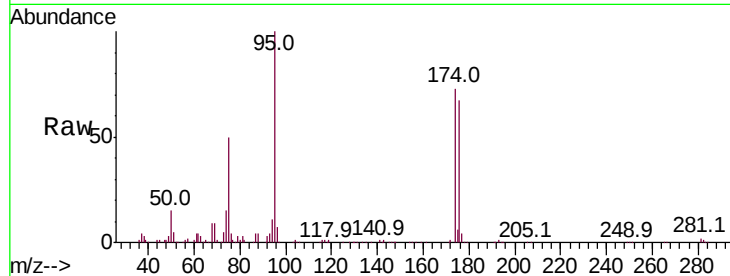
LINDEN-JOP-BH-12-C

Tot Ion: 75 Resp: 52719

Ion Ratio Lower Upper

75 100

77 1.3 173.4 520.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.210 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016415.D

Acq: 31 Aug 2020 16:49

Tgt Ion: 75 Resp: 52719

Ion Ratio Lower Upper

75 100

53 0.2 75.2 112.8#

89 0.1 40.4 60.6#

