

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016416.D
 Acq On : 31 Aug 2020 17:14
 Operator : SY/VA
 Sample : L3854-05
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ216-355

Quant Time: Sep 01 02:59:39 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	135117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	221367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	72606	53.68	ug/l	0.00
Spiked Amount						
						Recovery = 107.36%
35) Dibromofluoromethane	7.88	113	73639	52.55	ug/l	0.00
Spiked Amount						
						Recovery = 105.10%
50) Toluene-d8	10.33	98	263705	50.26	ug/l	0.00
Spiked Amount						
						Recovery = 100.52%
62) 4-Bromofluorobenzene	12.62	95	75485	38.36	ug/l	0.00
Spiked Amount						
						Recovery = 76.72%

Target Compounds

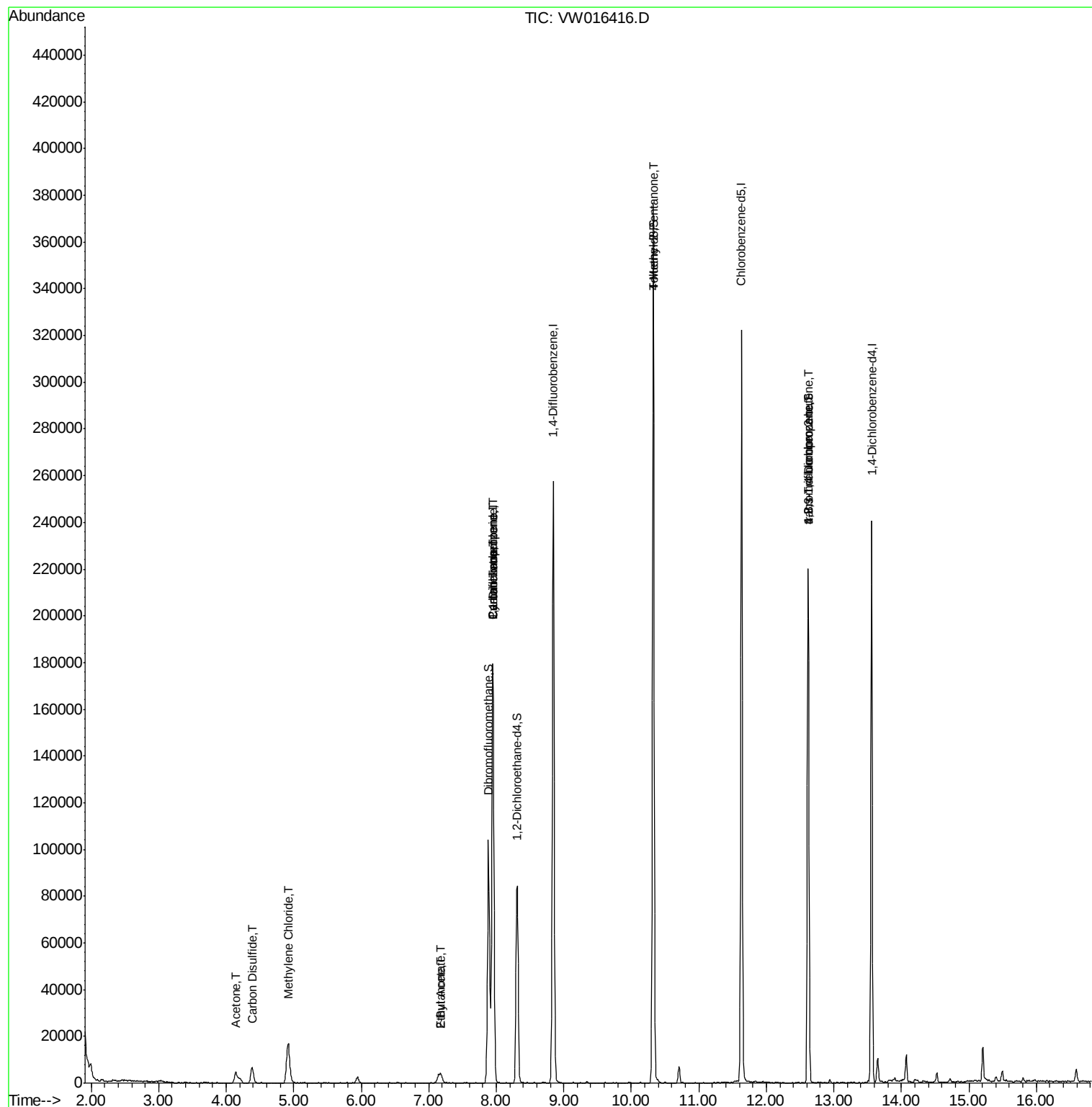
						Qvalue
16) Acetone	4.15	43	9068	39.480	ug/l	99
17) Carbon Disulfide	4.38	76	15214	4.214	ug/l #	95
20) Methylene Chloride	4.92	84	15593	5.737	ug/l	98
25) 2-Butanone	7.18	43	5141	16.497	ug/l	98
31) Cyclohexane	7.95	56	2818	1.340	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	10191	4.837	ug/l #	48
37) Ethyl Acetate	7.18	43	5141	7.203	ug/l #	73
38) Carbon Tetrachloride	7.95	117	13384	5.798	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	978	1.389	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	37705	65.155	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	37705	144.655	ug/l #	11

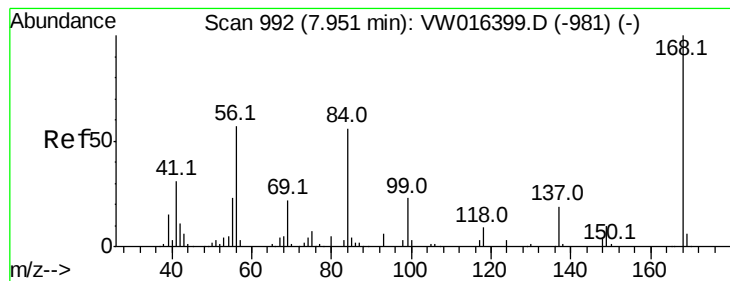
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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Quant Time: Sep 01 02:59:39 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# 992

Delta R.T. 0.00 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

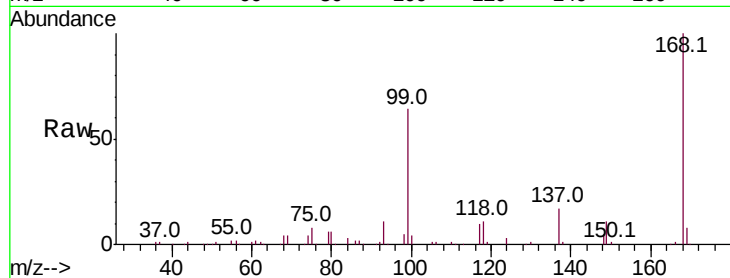
VNJ216-355

Tot Ion:168 Resp: 135117

Ion Ratio Lower Upper

168 100

99 63.9 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

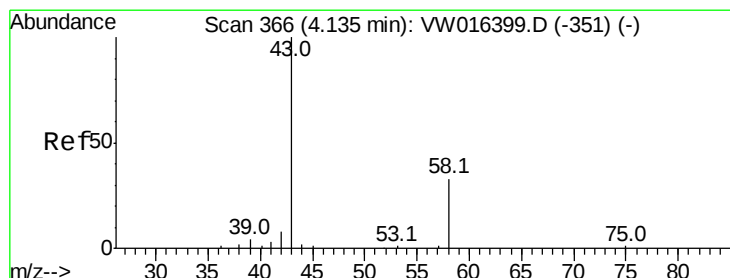
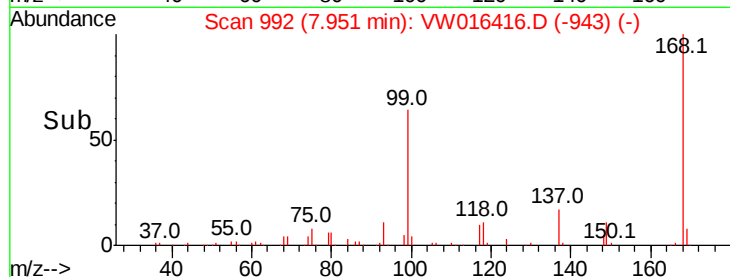
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 39.480 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016416.D

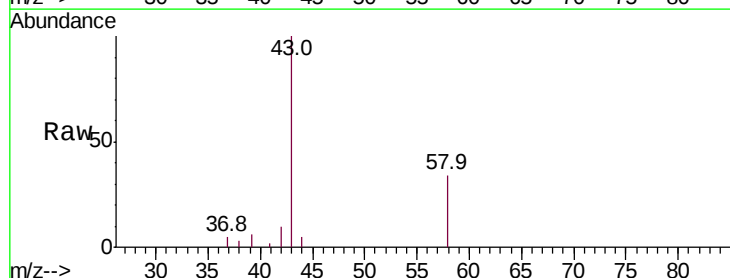
Acq: 31 Aug 2020 17:14

Tgt Ion: 43 Resp: 9068

Ion Ratio Lower Upper

43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

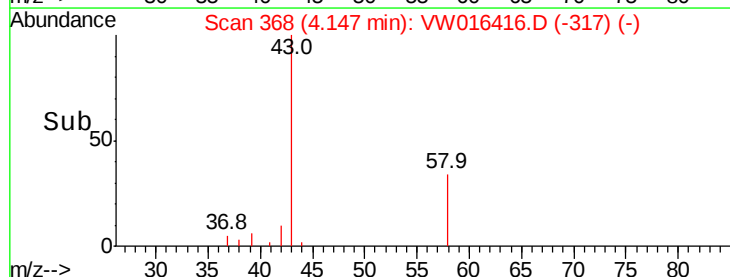
2000

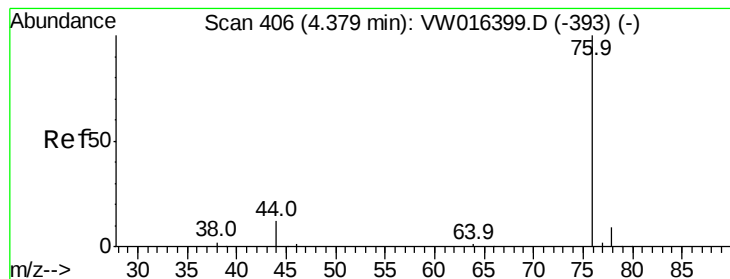
1000

0

Time-->

4.05 4.10 4.15 4.20 4.25





#17

Carbon Disulfide

Concen: 4.214 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

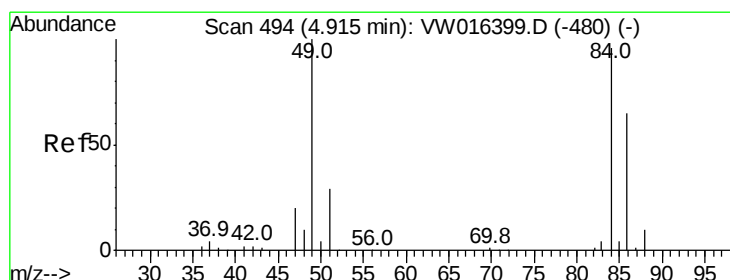
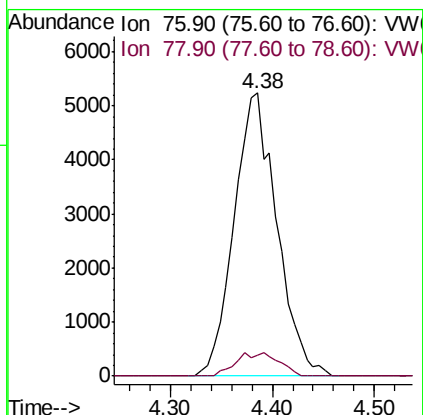
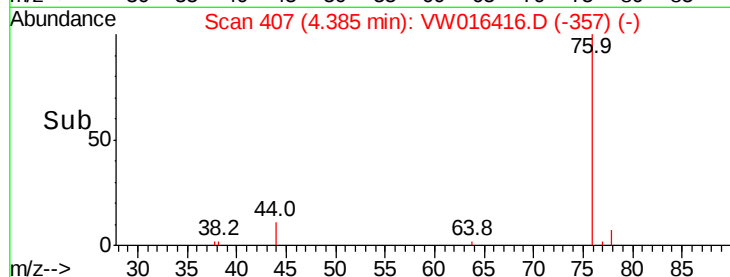
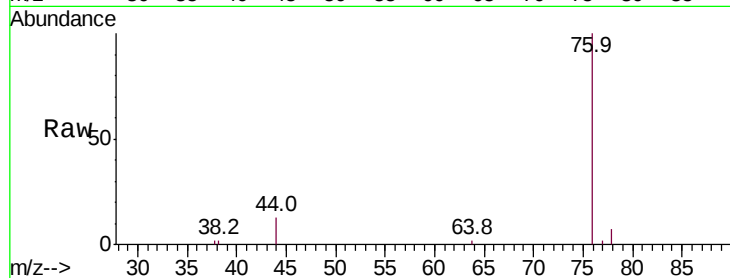
VNJ216-355

Tot Ion: 76 Resp: 15214

Ion Ratio Lower Upper

76 100

78 7.3 7.4 11.2#



#20

Methylene Chloride

Concen: 5.737 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Tgt Ion: 84 Resp: 15593

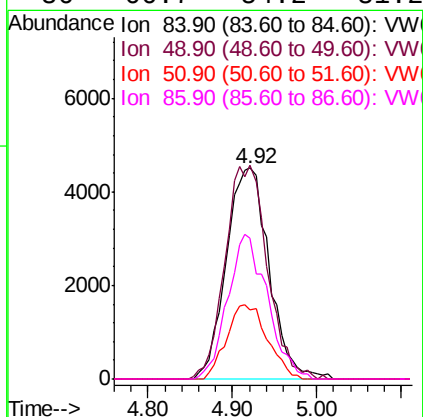
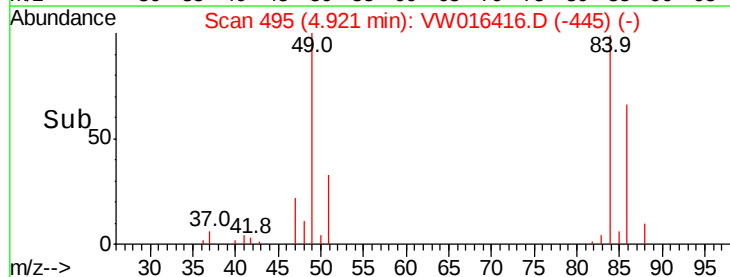
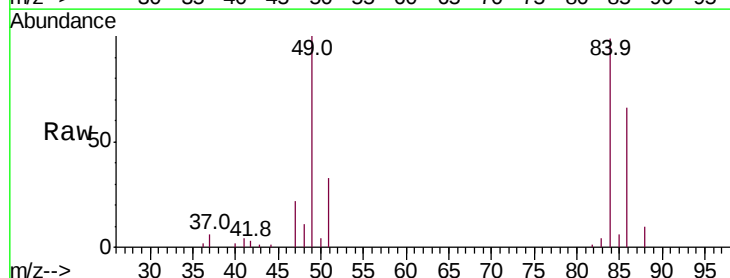
Ion Ratio Lower Upper

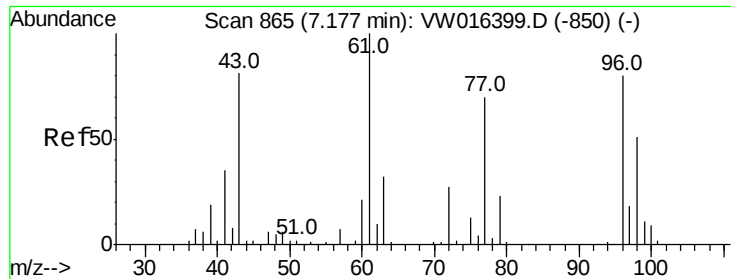
84 100

49 101.4 83.2 124.8

51 33.1 24.4 36.6

86 66.7 54.2 81.2





#25

2-Butanone

Concen: 16.497 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

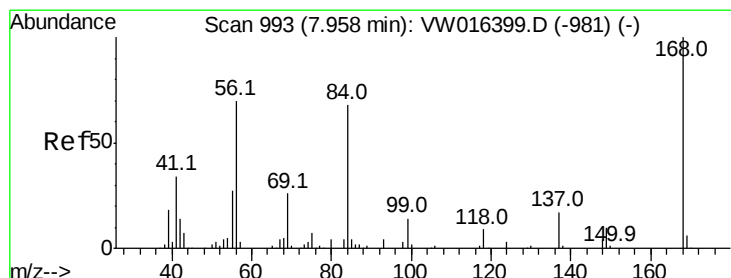
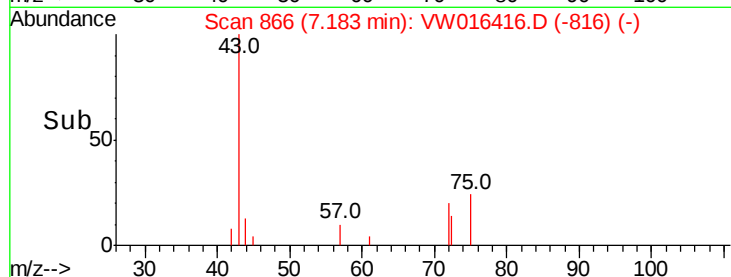
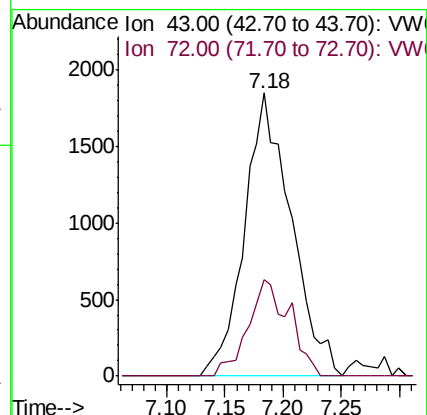
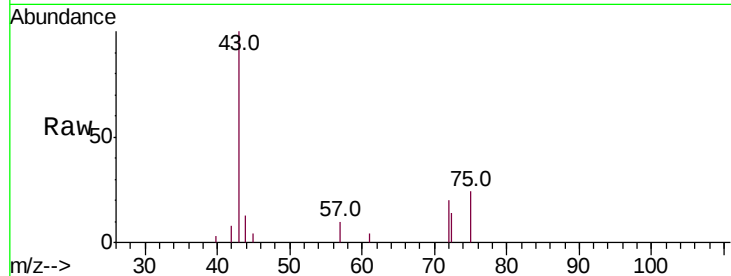
VNJ216-355

Tot Ion: 43 Resp: 5141

Ion Ratio Lower Upper

43 100

72 34.3 26.7 40.1



#31

Cyclohexane

Concen: 1.340 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

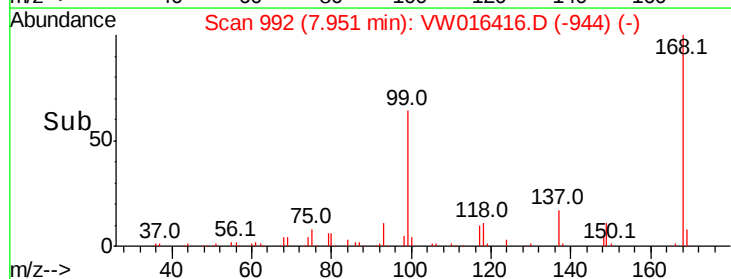
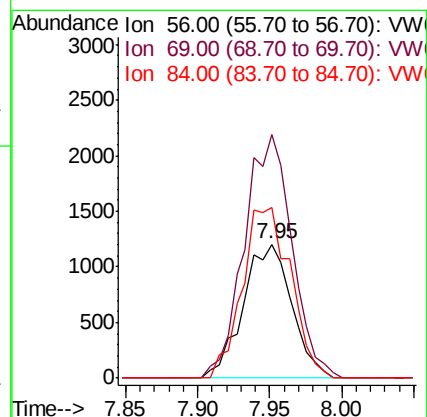
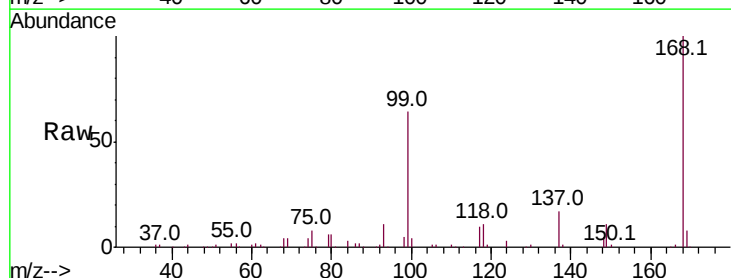
Tgt Ion: 56 Resp: 2818

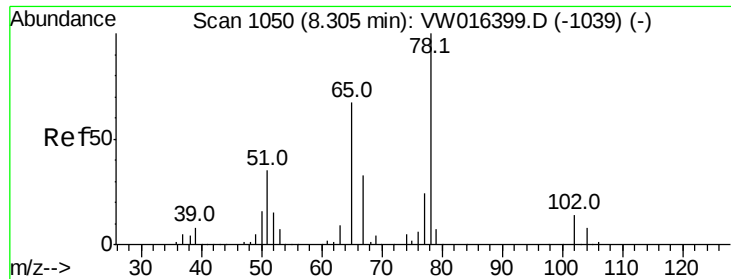
Ion Ratio Lower Upper

56 100

69 182.3 30.0 45.0#

84 127.8 77.4 116.2#





#33

1,2-Dichloroethane-d4

Concen: 53.680 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

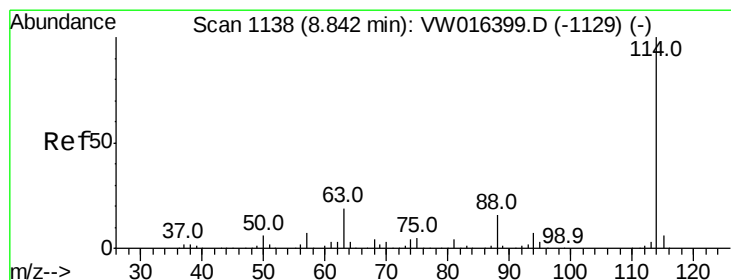
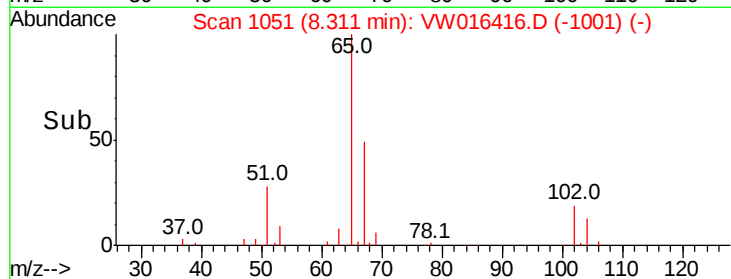
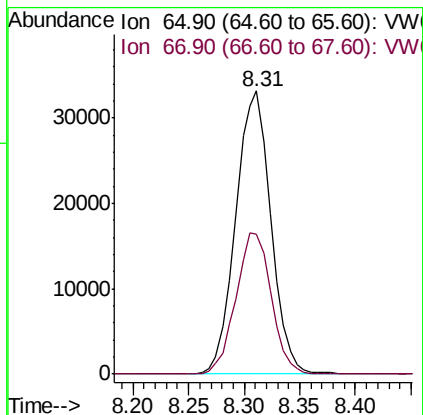
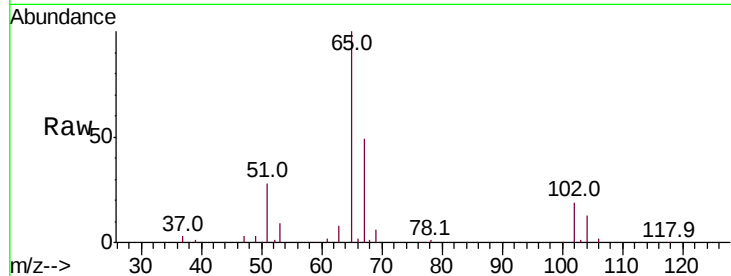
VNJ216-355

Tot Ion: 65 Resp: 72606

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

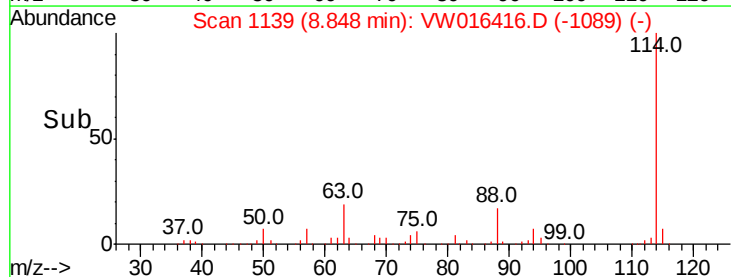
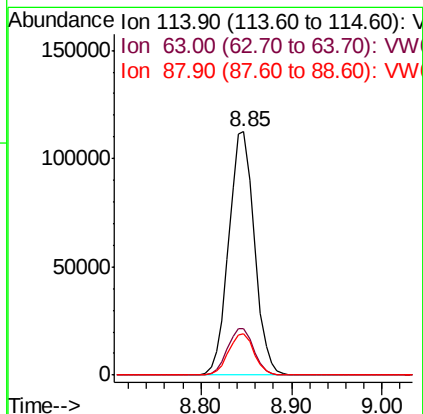
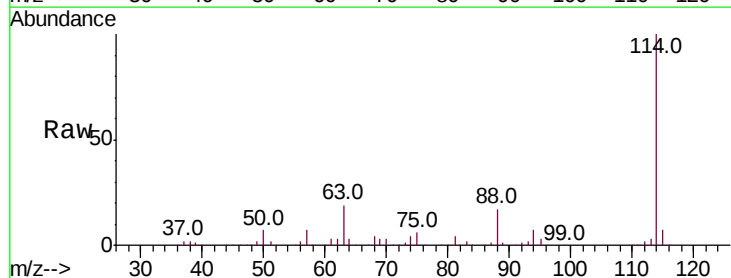
Tgt Ion: 114 Resp: 221367

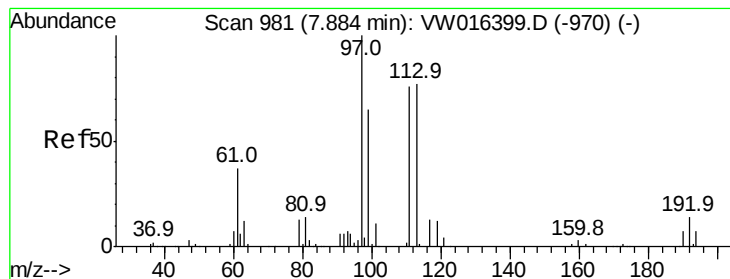
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.8

88 16.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.554 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

VNJ216-355

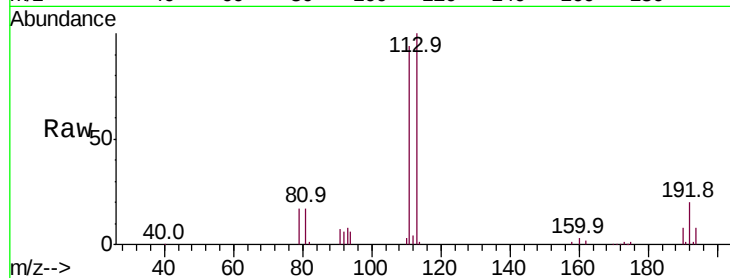
Tot Ion:113 Resp: 73639

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

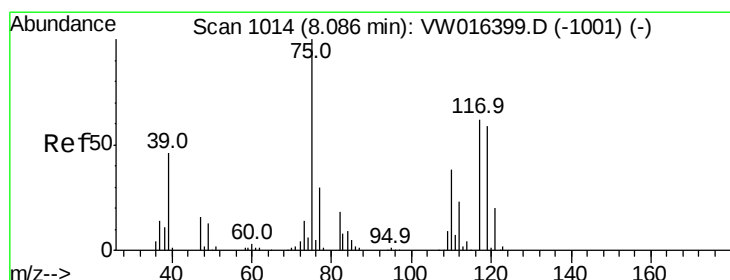
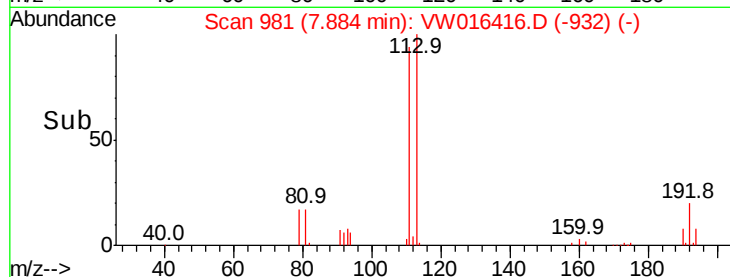
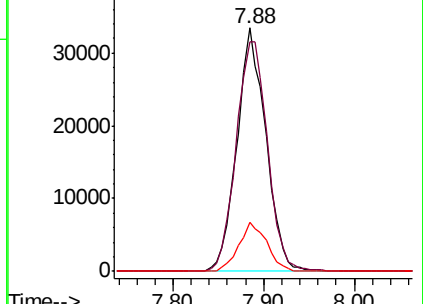
192 19.7 15.5 23.3



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: 4.837 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

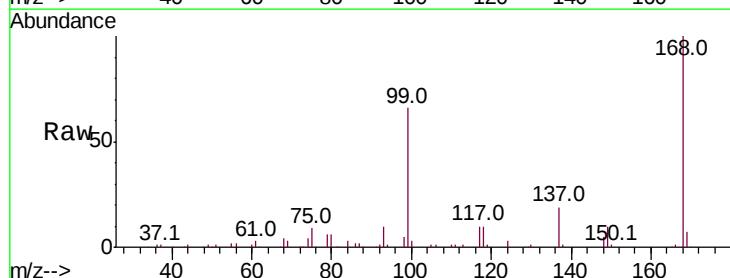
Tgt Ion: 75 Resp: 10191

Ion Ratio Lower Upper

75 100

110 8.7 18.6 56.0#

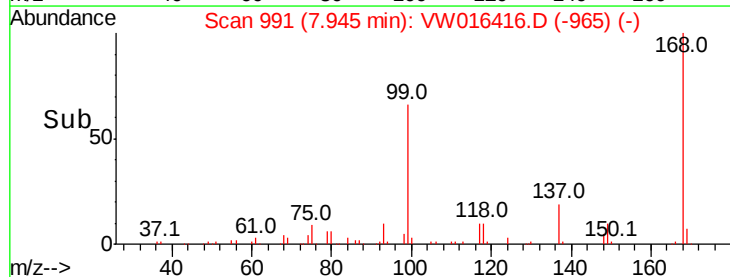
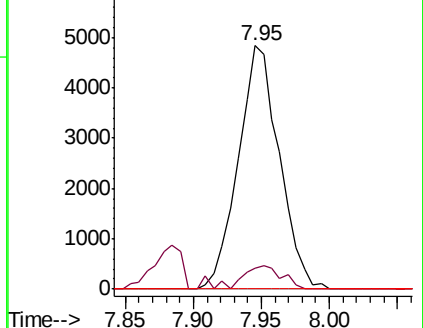
77 0.0 25.1 37.7#

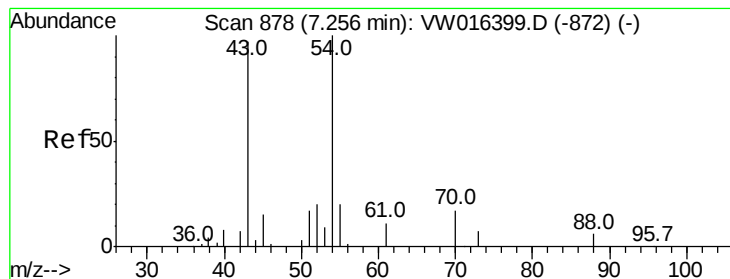


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 7.203 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

VNJ216-355

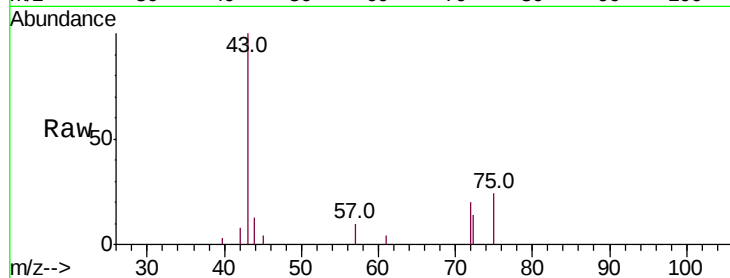
Tot Ion: 43 Resp: 5141

Ion Ratio Lower Upper

43 100

61 6.1 11.5 17.3#

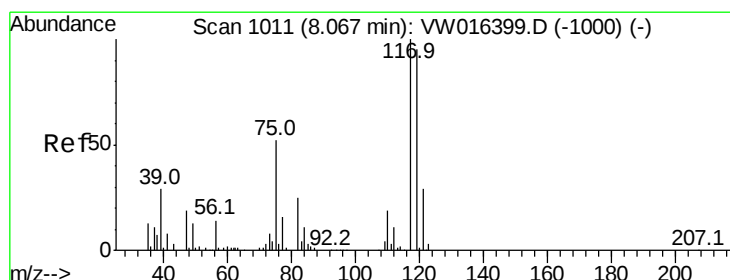
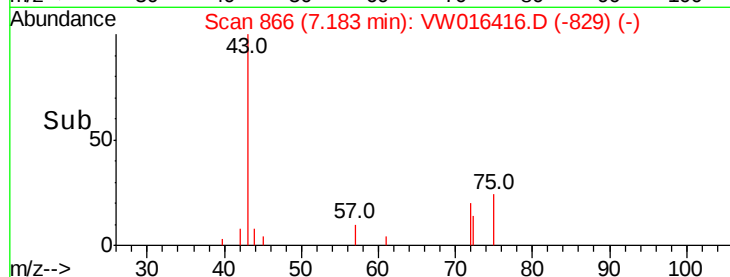
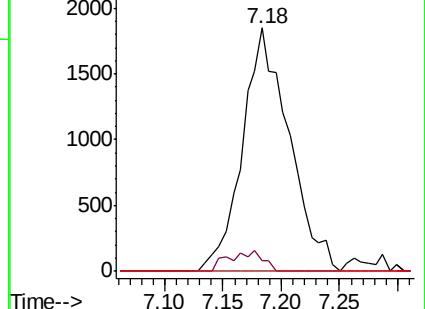
70 0.0 10.7 16.1#



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: 5.798 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

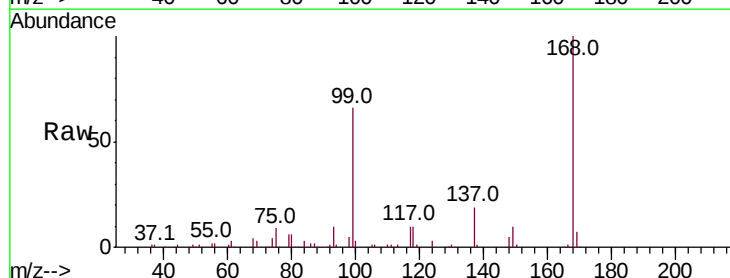
Tgt Ion: 117 Resp: 13384

Ion Ratio Lower Upper

117 100

119 7.1 76.3 114.5#

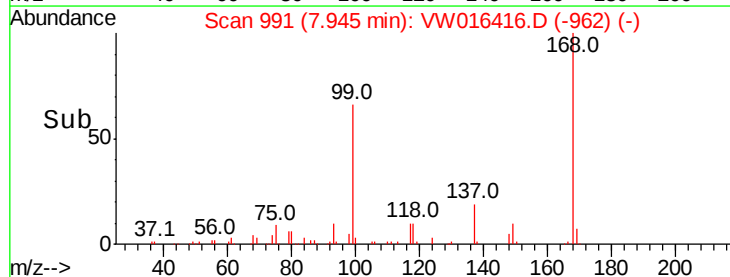
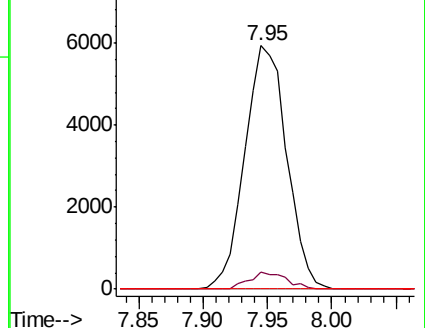
121 0.0 23.0 34.6#

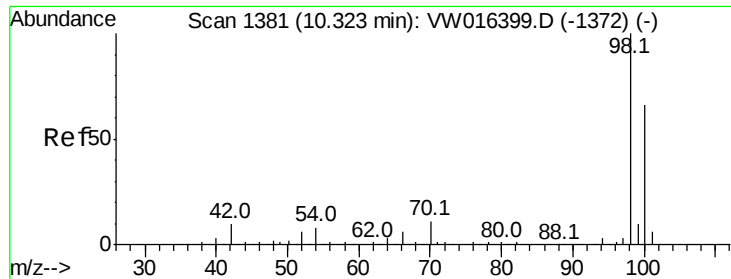


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.258 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

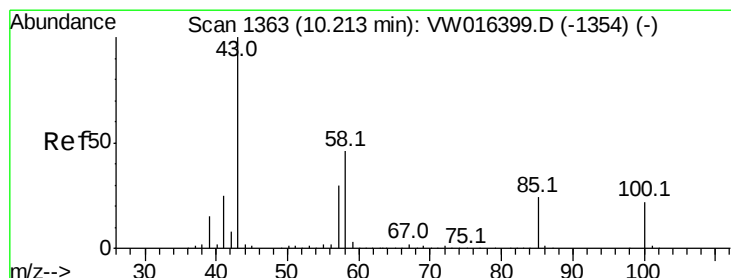
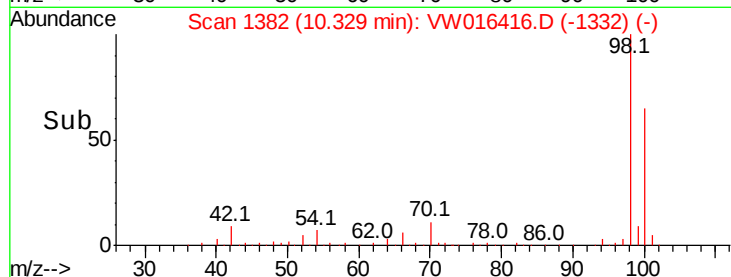
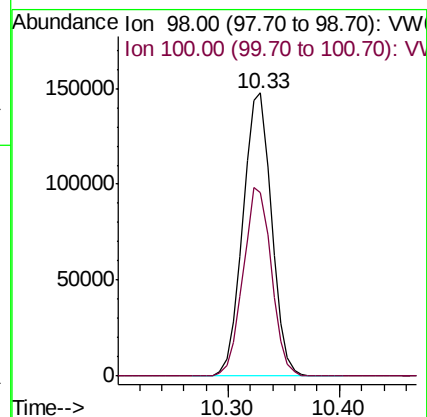
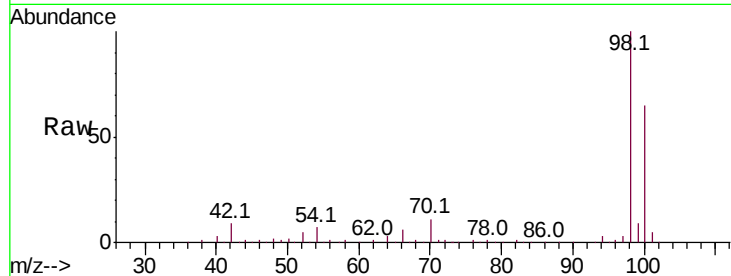
VNJ216-355

Tot Ion: 98 Resp: 263705

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.389 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW016416.D

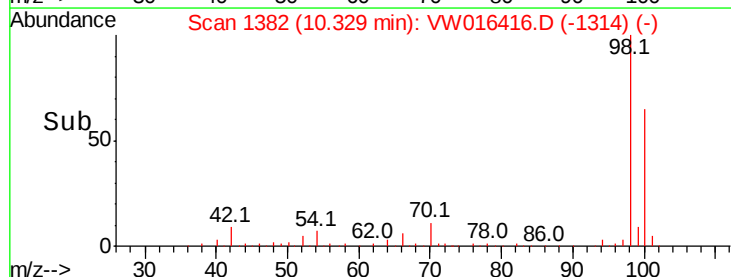
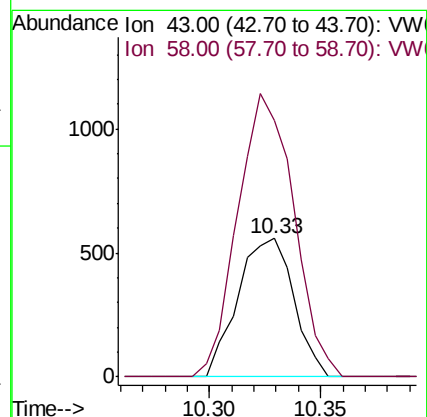
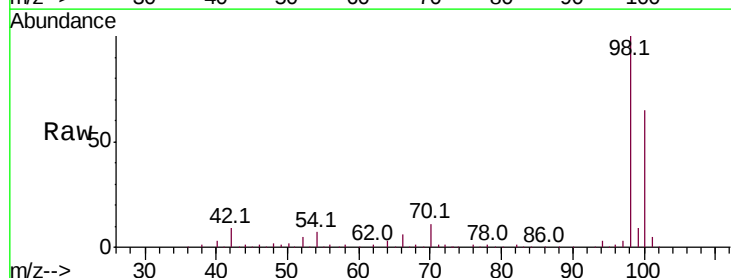
Acq: 31 Aug 2020 17:14

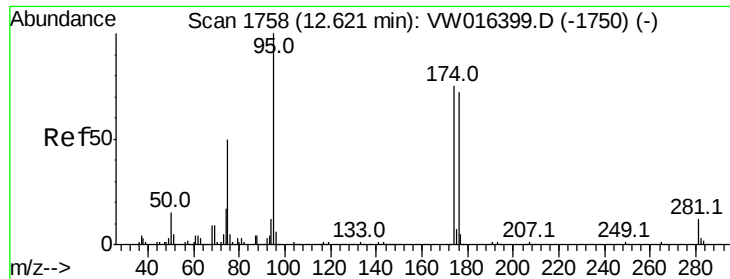
Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 204.6 35.4 53.0#

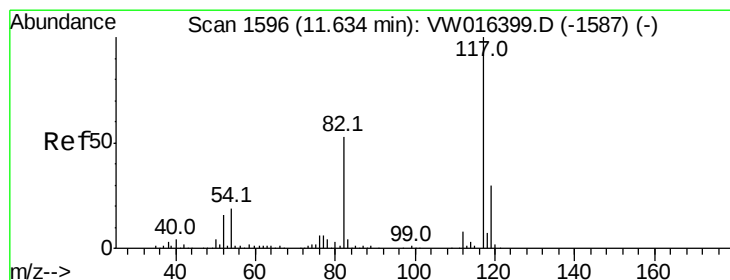
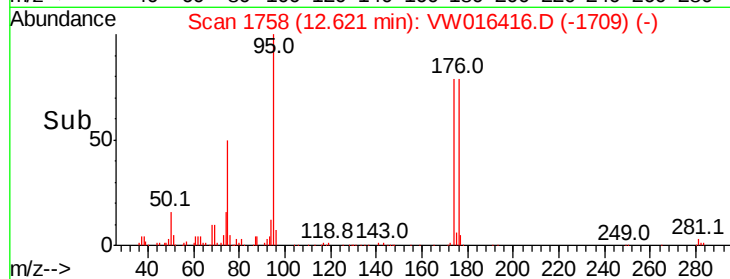
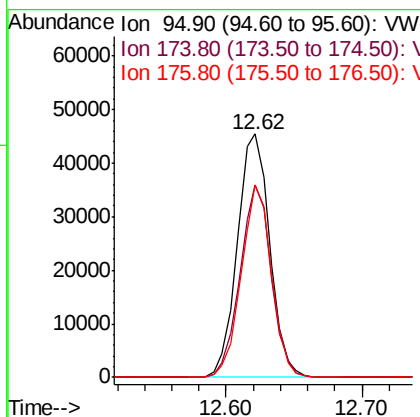
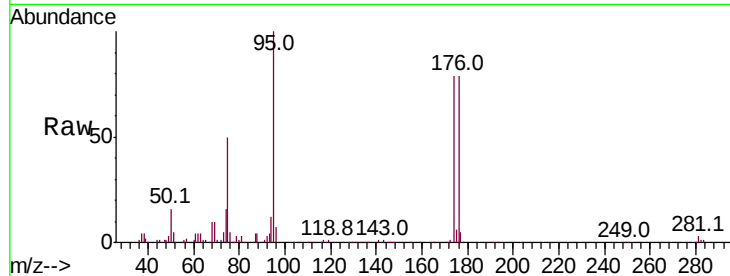




#62
4-Bromofluorobenzene
Concen: 38.365 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016416.D
Acq: 31 Aug 2020 17:14

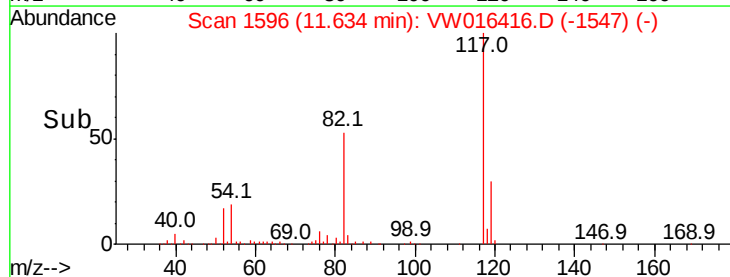
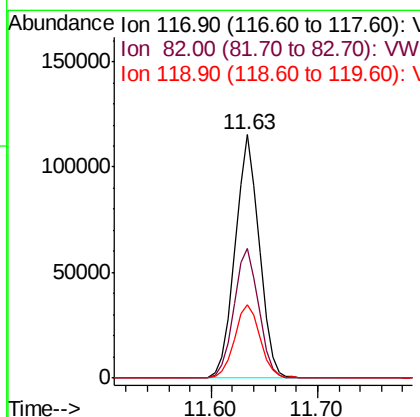
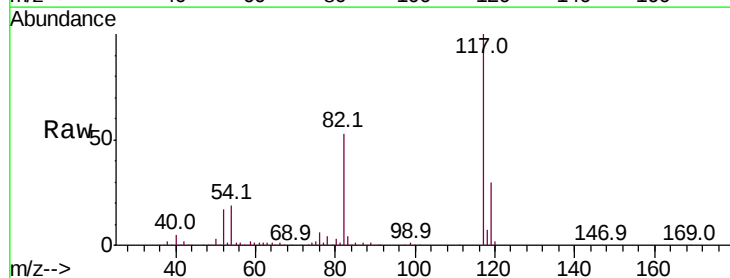
Instrument :
MSVOA_W
ClientSampleId :
VNJ216-355

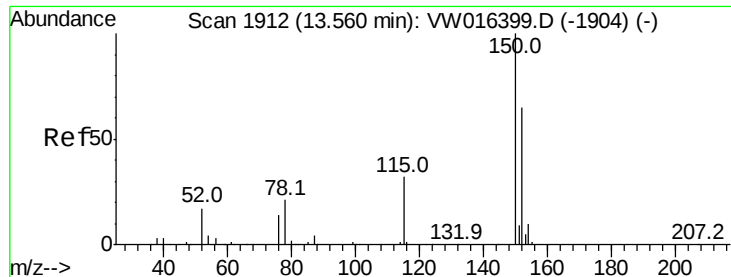
Tot Ion	95	Resp	75485
Ion Ratio	Lower	Upper	
95	100		
174	76.0	0.0	152.0
176	73.6	0.0	145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016416.D
Acq: 31 Aug 2020 17:14

Tgt Ion	117	Resp	183924
Ion Ratio	Lower	Upper	
117	100		
82	53.2	42.2	63.4
119	29.9	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: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

VNJ216-355

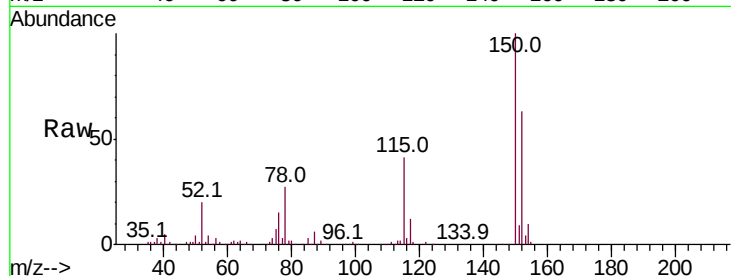
Tot Ion:152 Resp: 65445

Ion Ratio Lower Upper

152 100

115 62.9 30.9 92.5

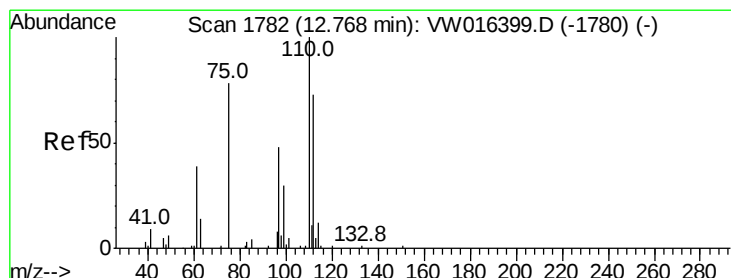
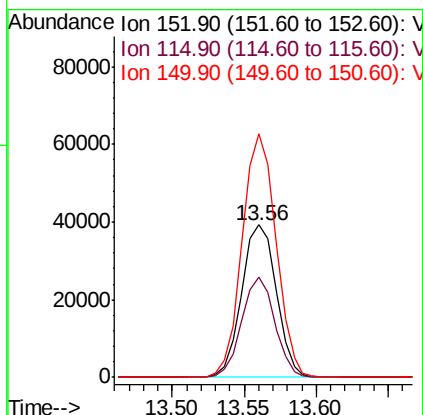
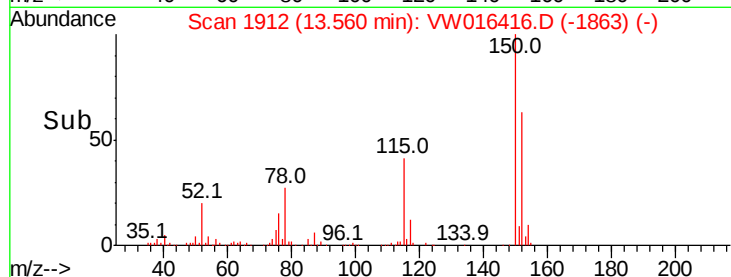
150 156.0 0.0 351.0



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



#76

1,2,3-Trichloropropane

Concen: 65.155 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016416.D

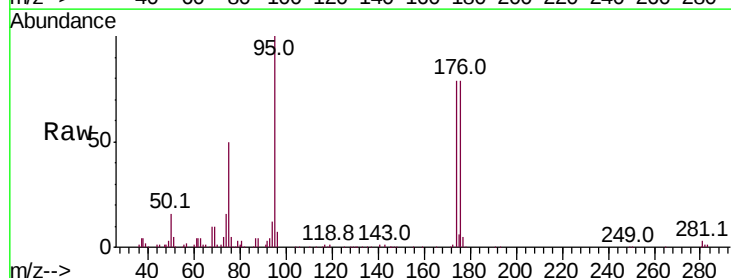
Acq: 31 Aug 2020 17:14

Tgt Ion: 75 Resp: 37705

Ion Ratio Lower Upper

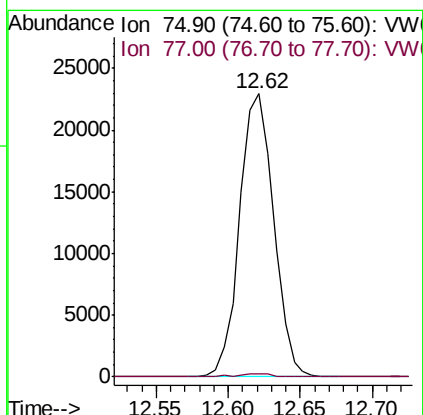
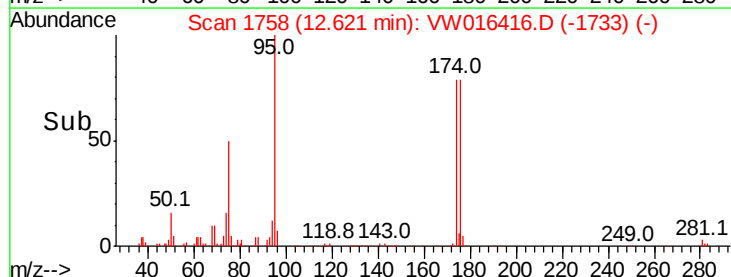
75 100

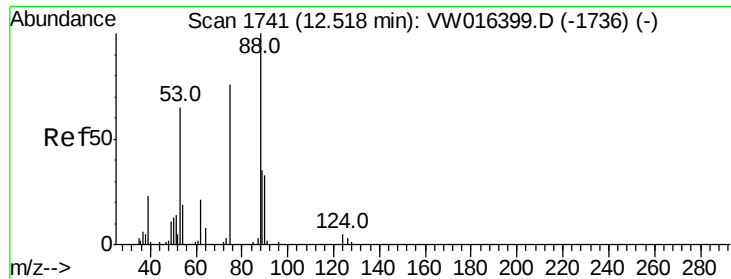
77 1.1 173.4 520.2#



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: 144.655 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016416.D

Acq: 31 Aug 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

VNJ216-355

Tot Ion: 75 Resp: 37705

Ion Ratio Lower Upper

75 100

53 0.1 75.2 112.8#

89 0.0 40.4 60.6#

