

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063492.D
 Acq On : 21 Sep 2020 17:44
 Operator : JC/MD
 Sample : L4056-01 2000X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 228

Quant Time: Sep 22 02:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	245982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	466814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	194773	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	7.55	113	147932	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	10.06	98	592703	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.38	95	241451	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	

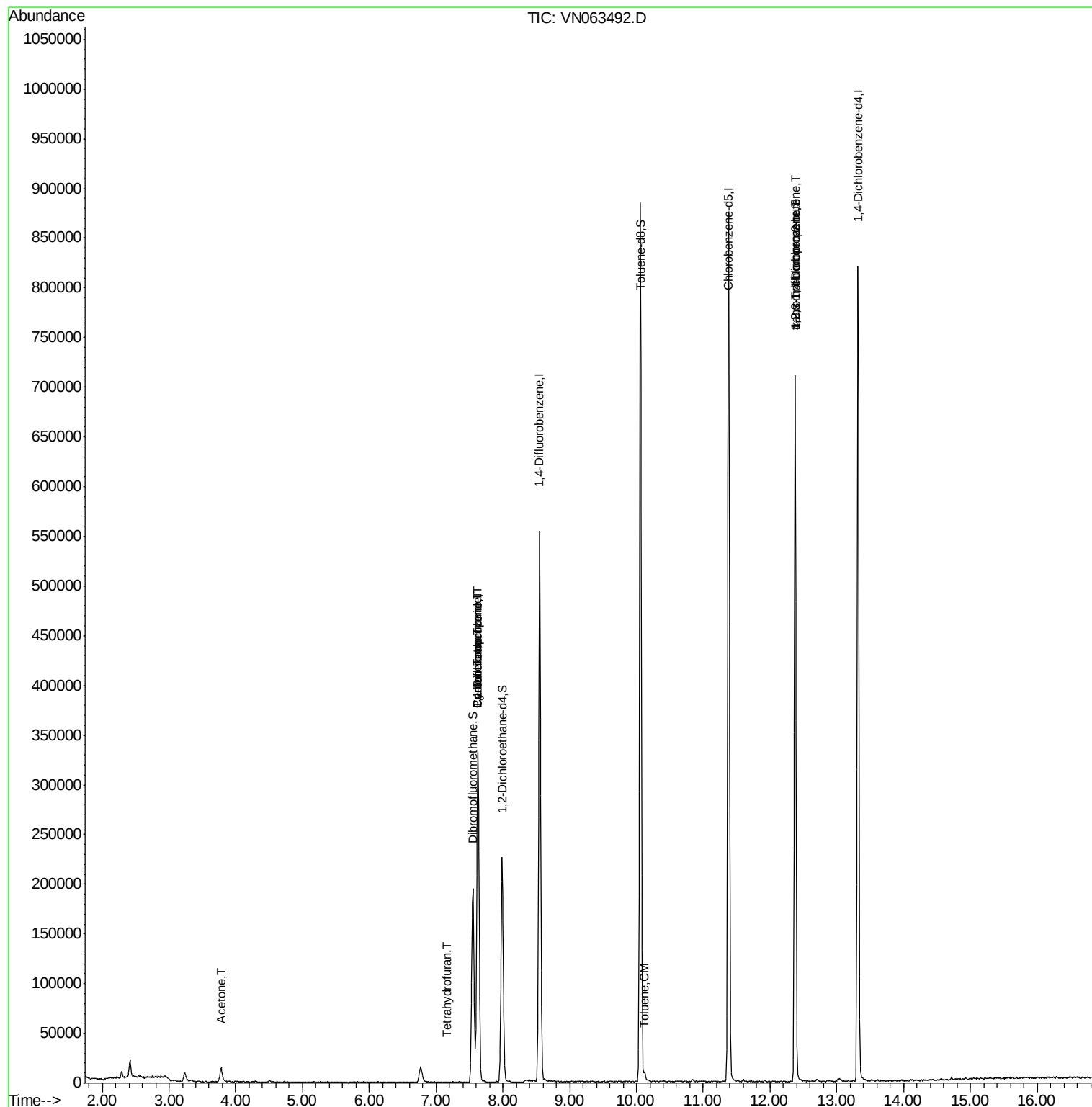
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	23890	17.753	ug/l	99
29) Tetrahydrofuran	7.16	42	304	0.215	ug/l #	36
31) Cyclohexane	7.63	56	7046	1.218	ug/l #	5
36) 1,1-Dichloropropene	7.62	75	22980	4.621	ug/l #	50
38) Carbon Tetrachloride	7.63	117	27121	5.342	ug/l #	17
52) Toluene	10.12	92	2757	0.323	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	130818	26.049	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	130818	71.417	ug/l #	7

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

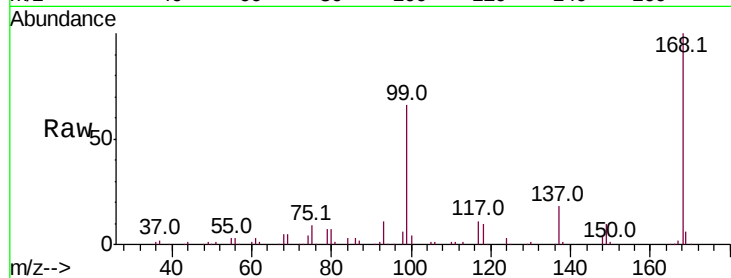
Instrument :
MSVOA_N
ClientSampleId :
228

Tot Ion:168 Resp: 245982

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

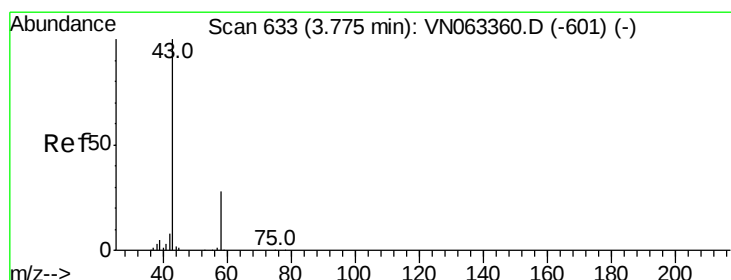
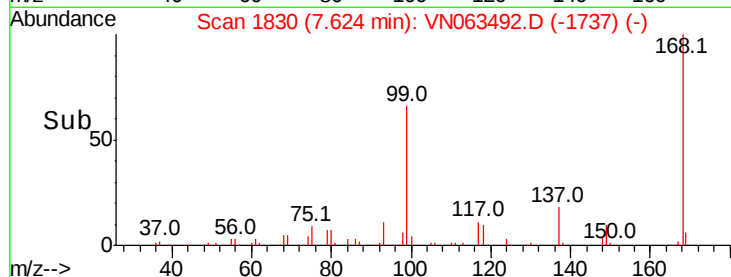
0

7.50

7.60

7.70

Time-->



#16

Acetone

Concen: 17.753 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063492.D

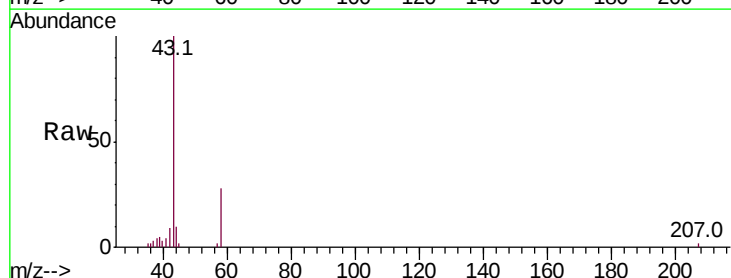
Acq: 21 Sep 2020 17:44

Tgt Ion: 43 Resp: 23890

Ion Ratio Lower Upper

43 100

58 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

10000

8000

6000

4000

2000

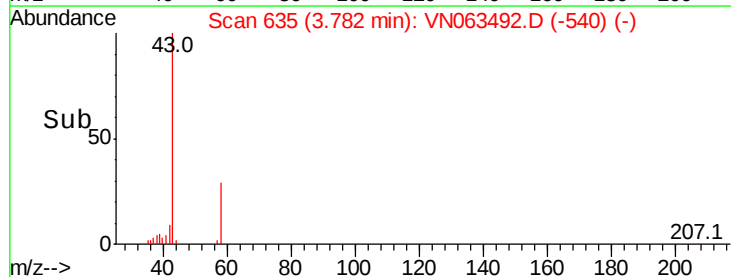
0

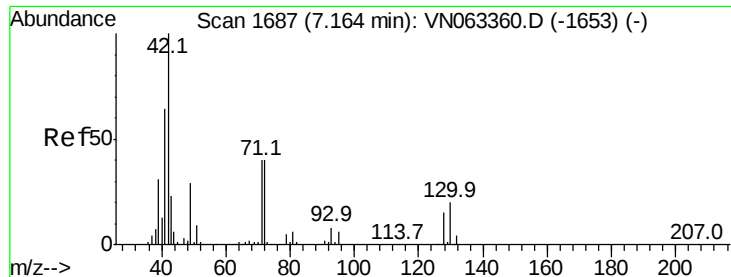
3.70

3.80

3.90

Time-->





#29

Tetrahydrofuran

Concen: 0.215 ug/l

RT: 7.16 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

Instrument :

MSVOA_N

ClientSampled :

228

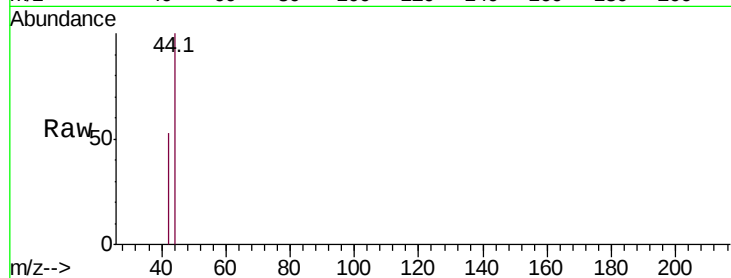
Tot Ion: 42 Resp: 304

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

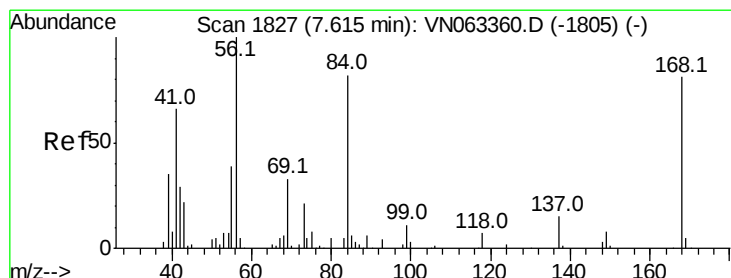
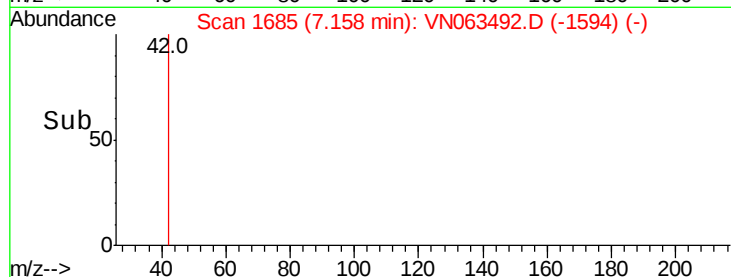
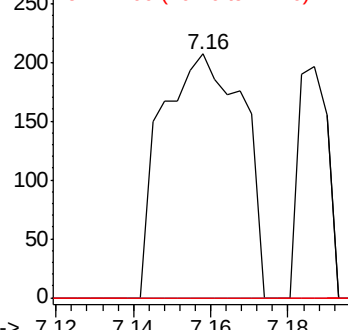
71 0.0 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

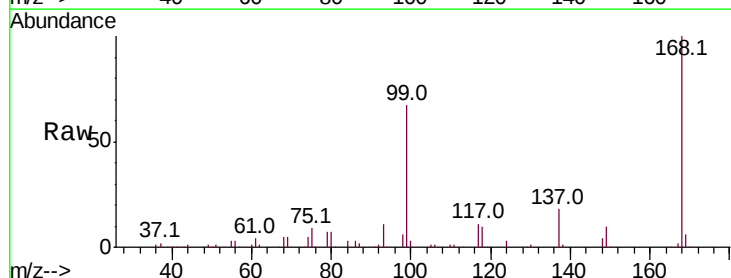
Tgt Ion: 56 Resp: 7046

Ion Ratio Lower Upper

56 100

69 172.4 26.1 39.1#

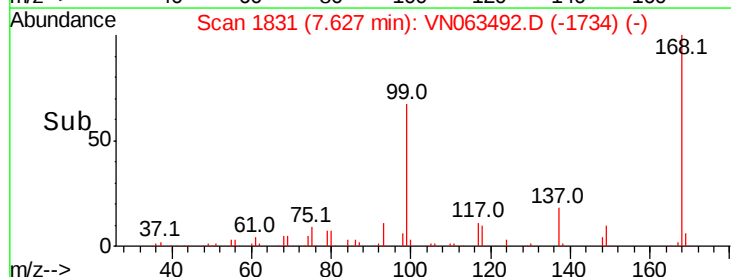
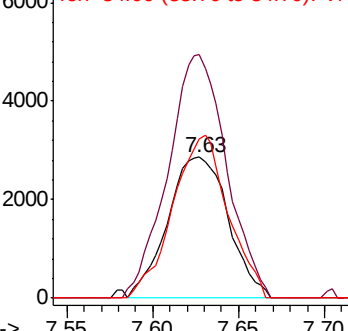
84 112.3 65.4 98.2#

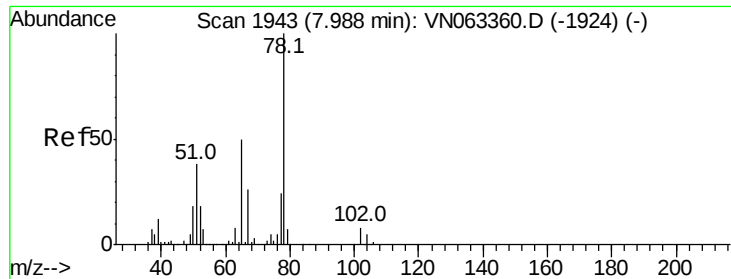


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

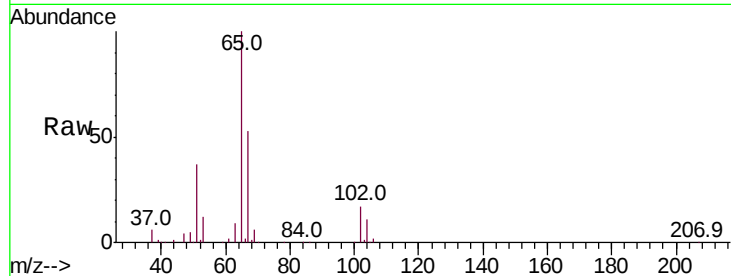




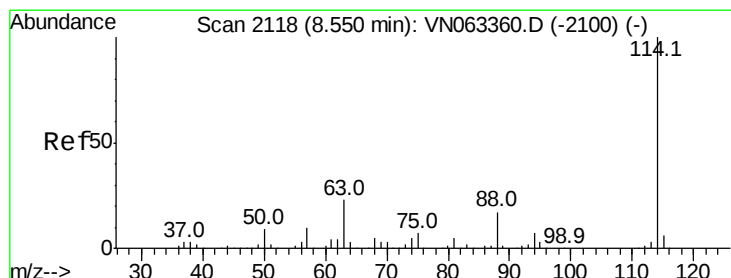
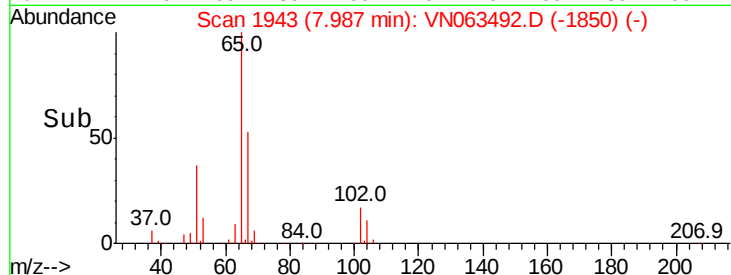
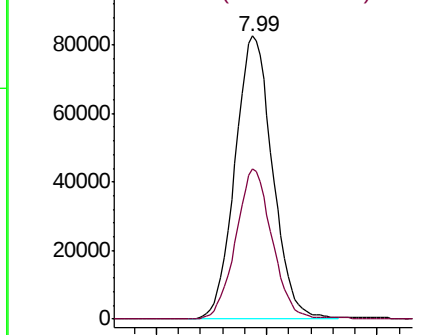
#33
 1,2-Dichloroethane-d4
 Concen: 46.516 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063492.D
 Acq: 21 Sep 2020 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 228

Tot Ion: 65 Resp: 194773
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2

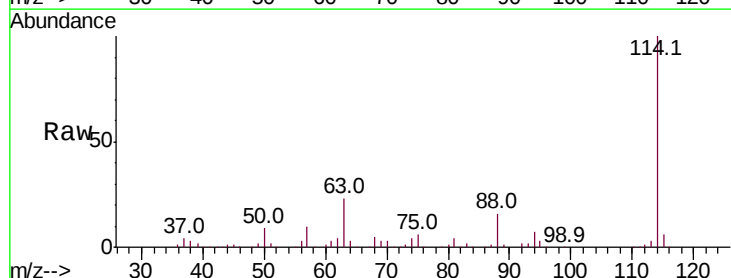


Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)
 Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

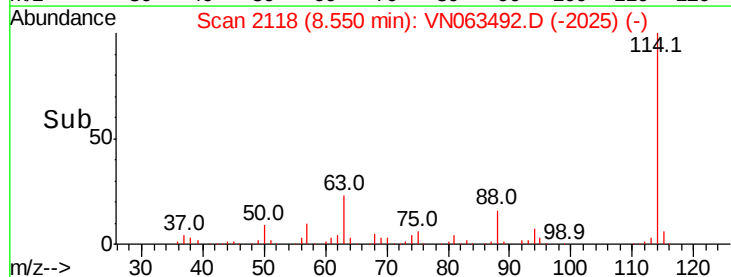
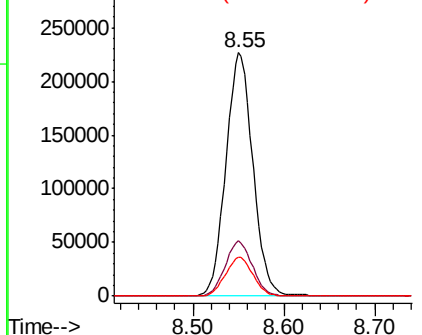


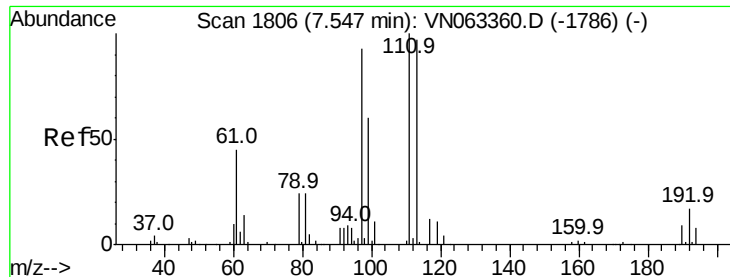
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063492.D
 Acq: 21 Sep 2020 17:44

Tgt Ion: 114 Resp: 466814
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.4
 88 16.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)
 Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)
 Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

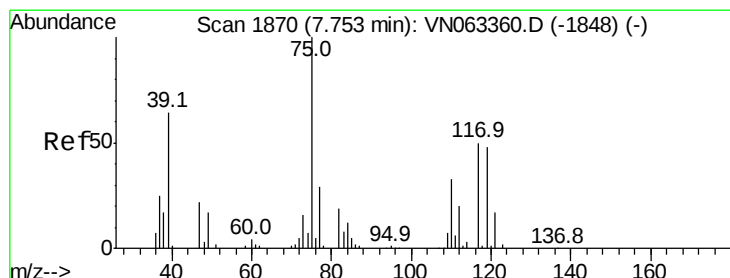
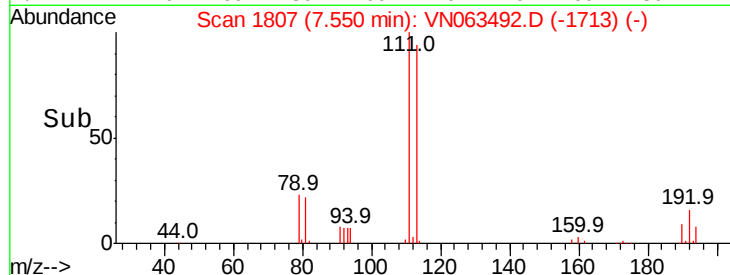
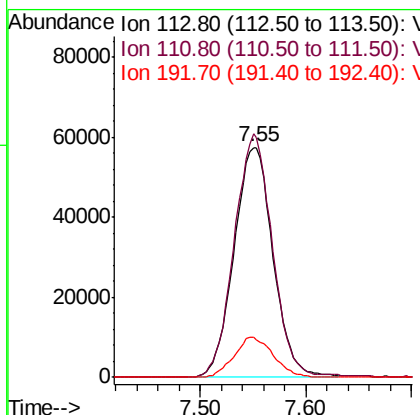
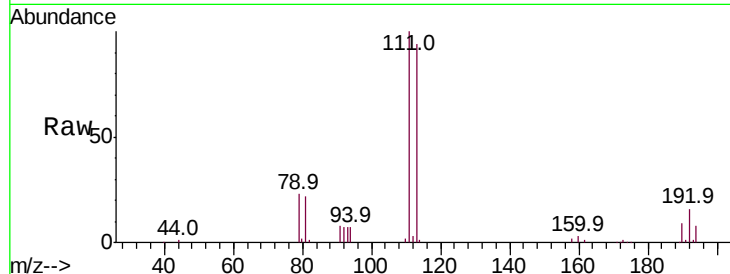




#35
 Dibromofluoromethane
 Concen: 45.776 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063492.D
 Acq: 21 Sep 2020 17:44

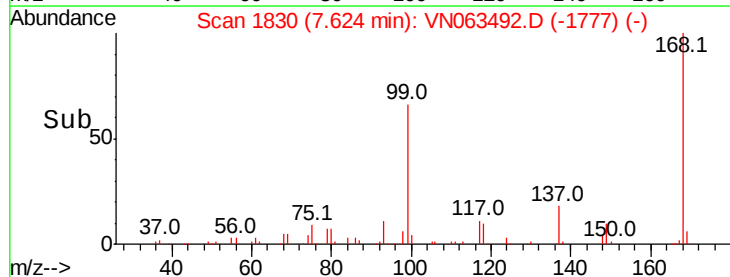
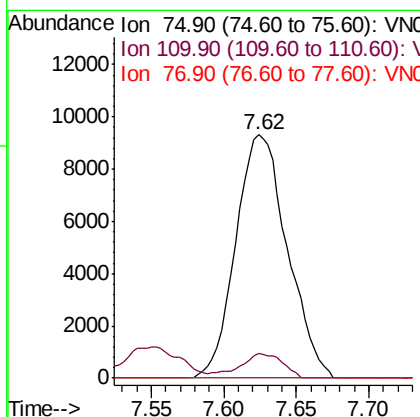
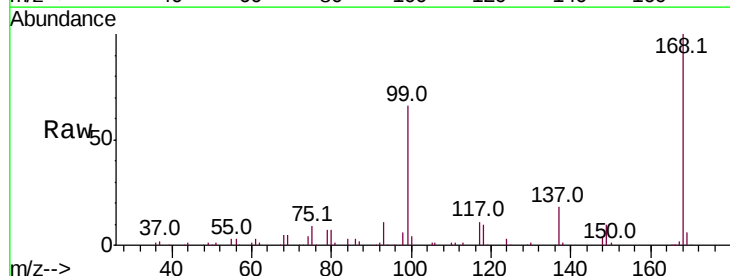
Instrument :
 MSVOA_N
 ClientSampleId :
 228

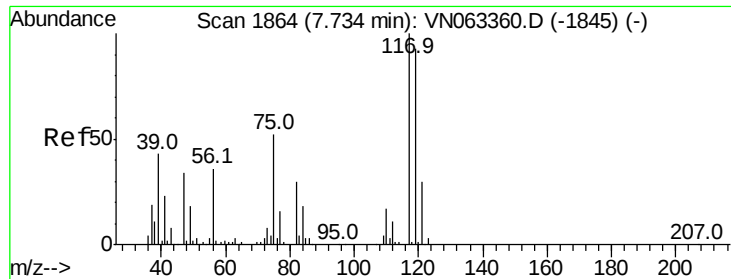
Tot Ion:113 Resp: 147932
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063492.D
 Acq: 21 Sep 2020 17:44

Tgt Ion: 75 Resp: 22980
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.342 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

Instrument :
MSVOA_N
ClientSampled :
228

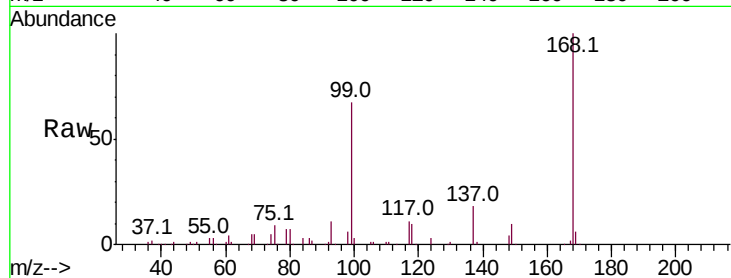
Tot Ion:117 Resp: 27121

Ion Ratio Lower Upper

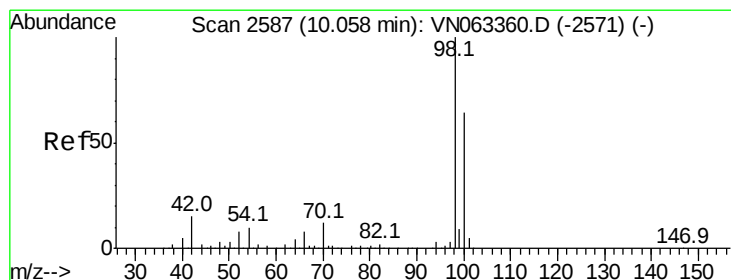
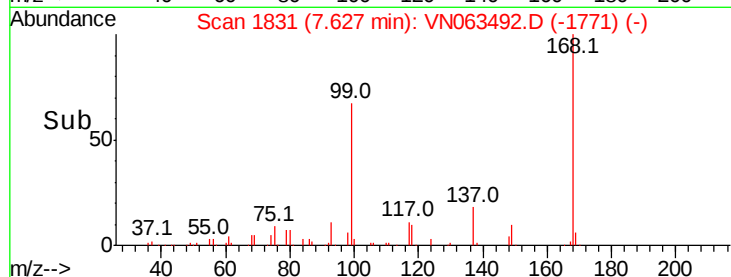
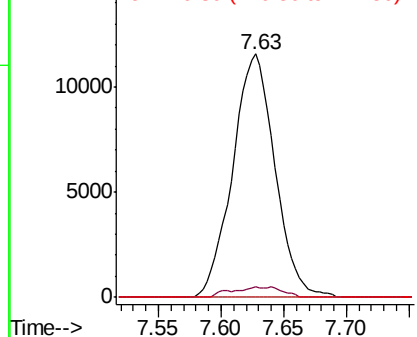
117 100

119 4.3 74.5 111.7#

121 0.0 24.1 36.1#



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: 48.776 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063492.D

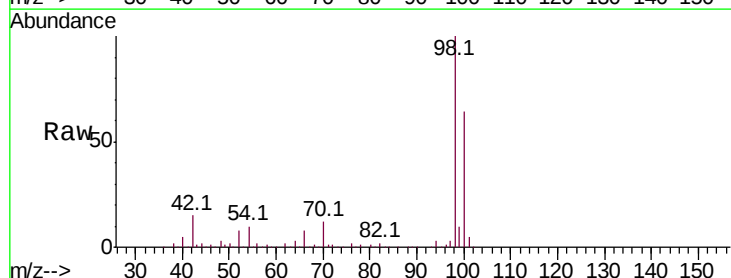
Acq: 21 Sep 2020 17:44

Tgt Ion: 98 Resp: 592703

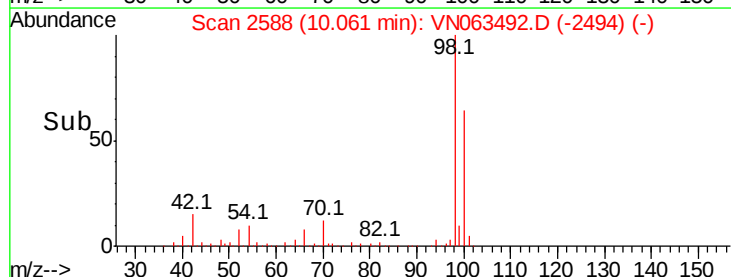
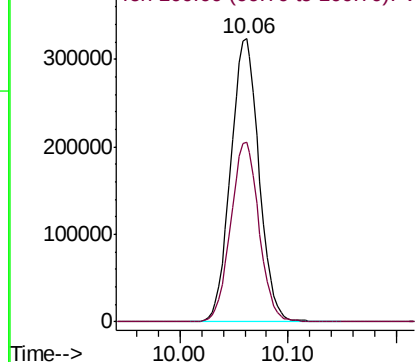
Ion Ratio Lower Upper

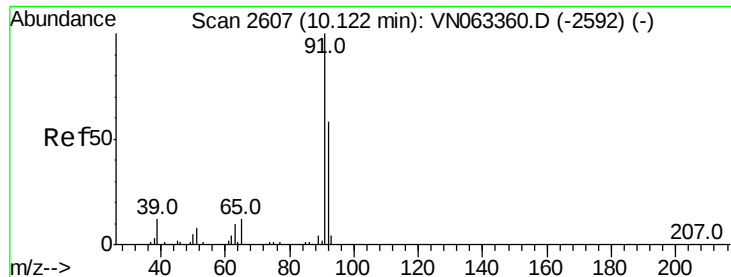
98 100

100 63.4 50.7 76.1



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





#52

Toluene

Concen: 0.323 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

Instrument :

MSVOA_N

ClientSampled :

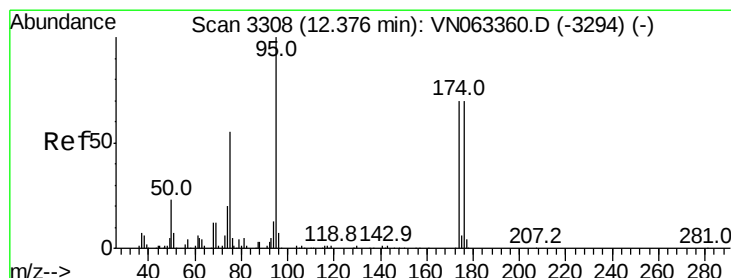
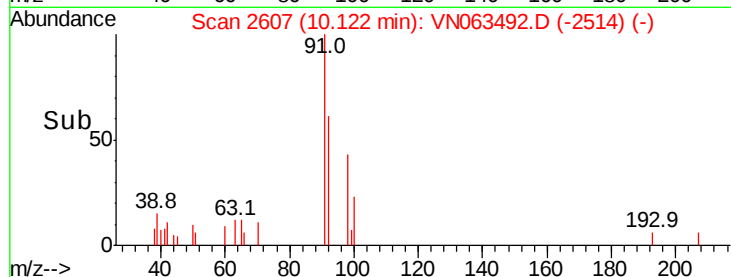
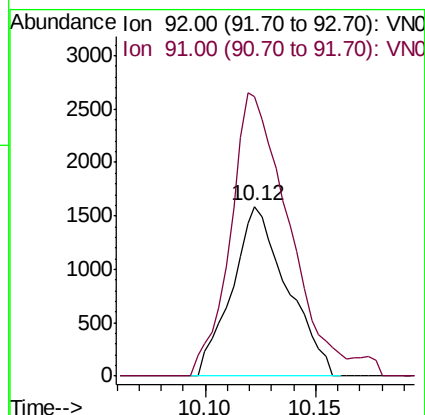
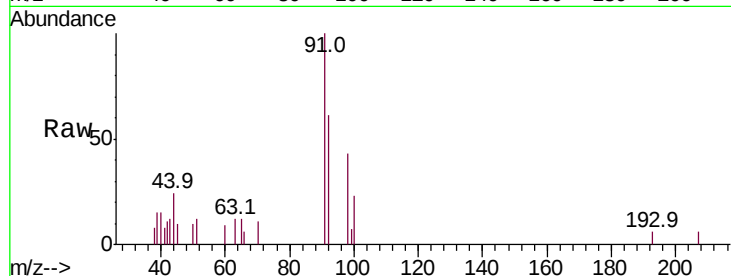
228

Tot Ion: 92 Resp: 2757

Ion Ratio Lower Upper

92 100

91 176.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 54.203 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

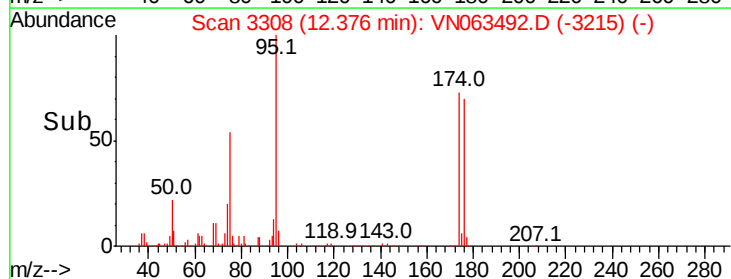
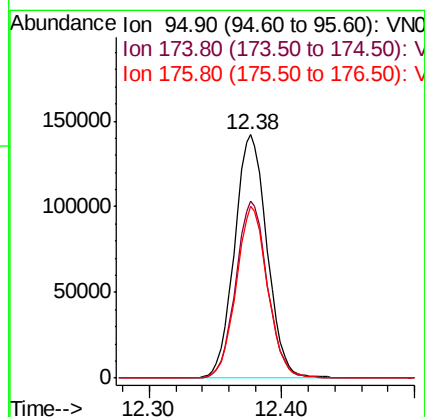
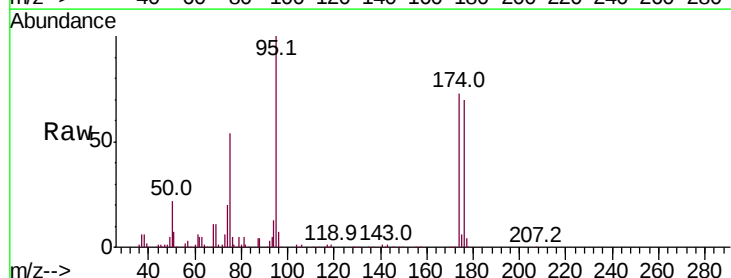
Tgt Ion: 95 Resp: 241451

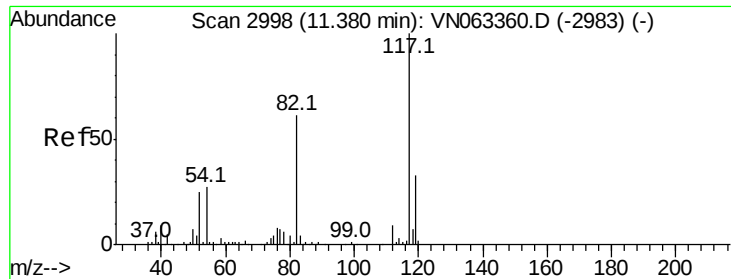
Ion Ratio Lower Upper

95 100

174 71.2 0.0 140.8

176 68.3 0.0 137.6

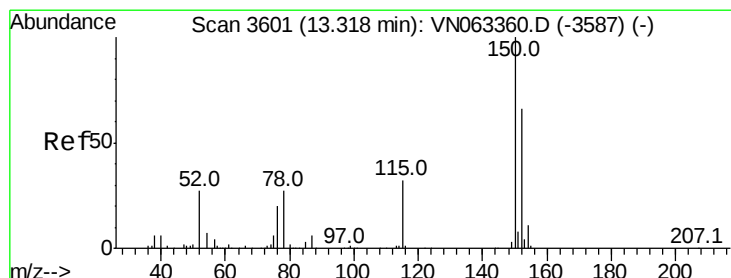
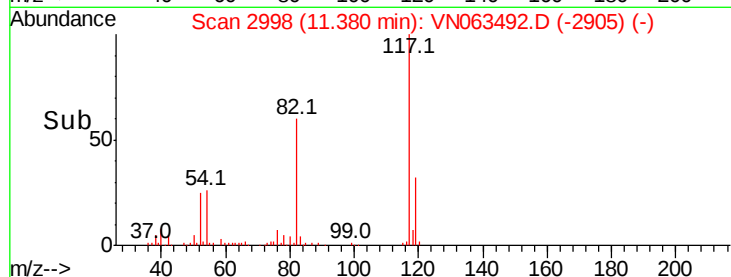
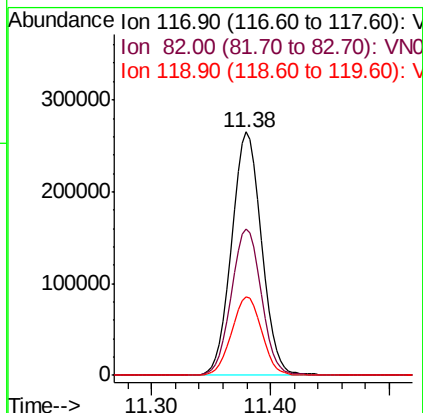
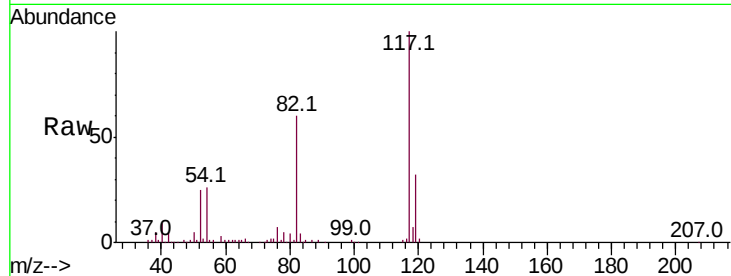




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063492.D
Acq: 21 Sep 2020 17:44

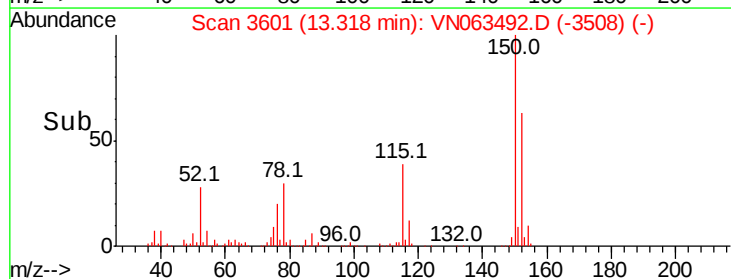
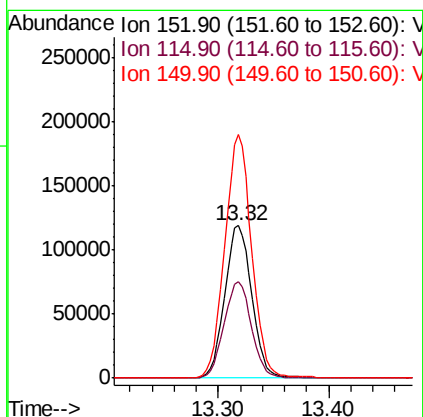
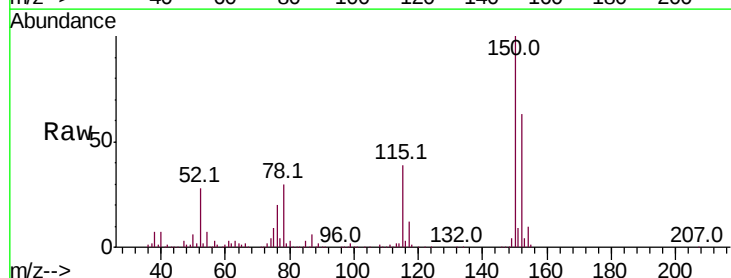
Instrument :
MSVOA_N
ClientSampleId :
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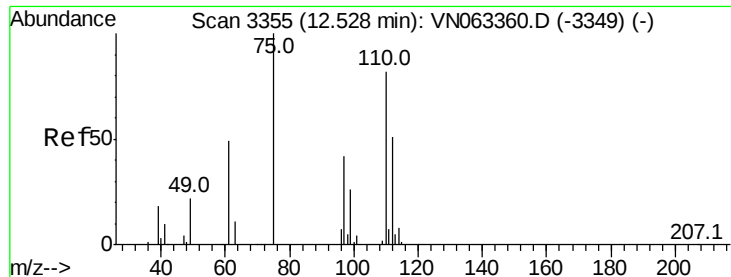
Tot Ion:117 Resp: 461999
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063492.D
Acq: 21 Sep 2020 17:44

Tgt Ion:152 Resp: 202895
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 158.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 26.049 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

Instrument :

MSVOA_N

ClientSampled :

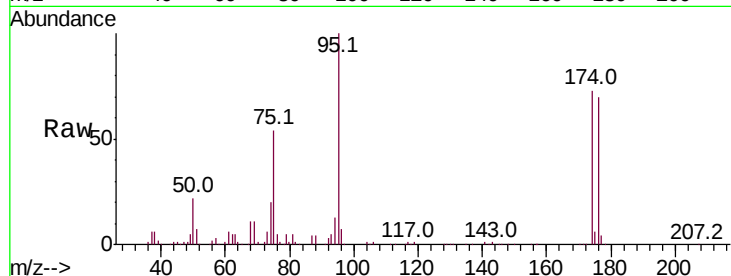
228

Tot Ion: 75 Resp: 130818

Ion Ratio Lower Upper

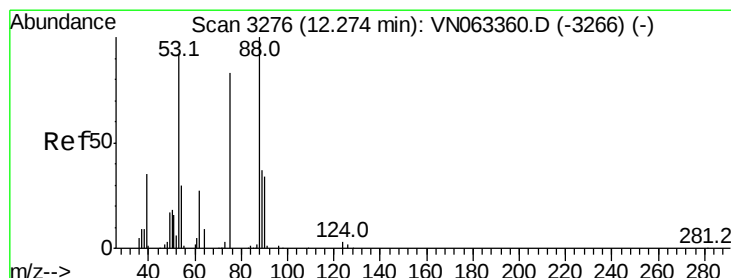
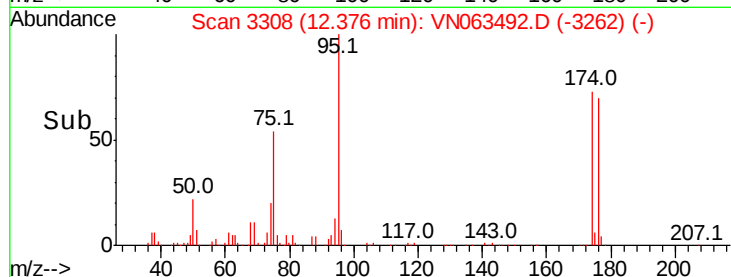
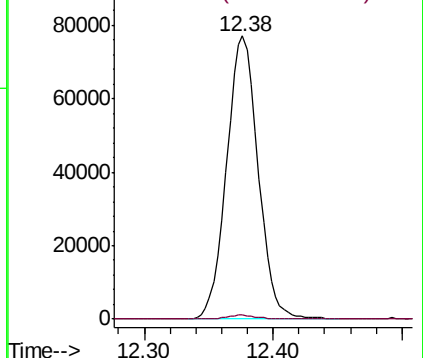
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 71.417 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063492.D

Acq: 21 Sep 2020 17:44

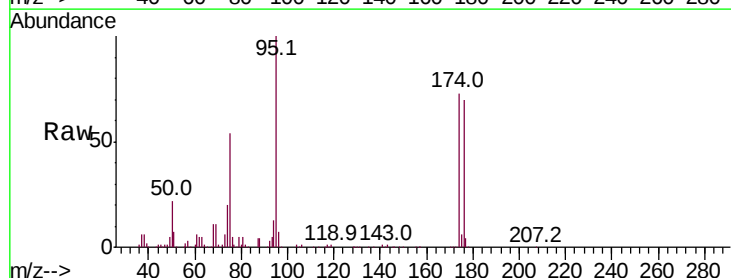
Tgt Ion: 75 Resp: 130818

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

