

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063158.D
 Acq On : 1 Sep 2020 16:27
 Operator : JC/MD
 Sample : DX969-US
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:02:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

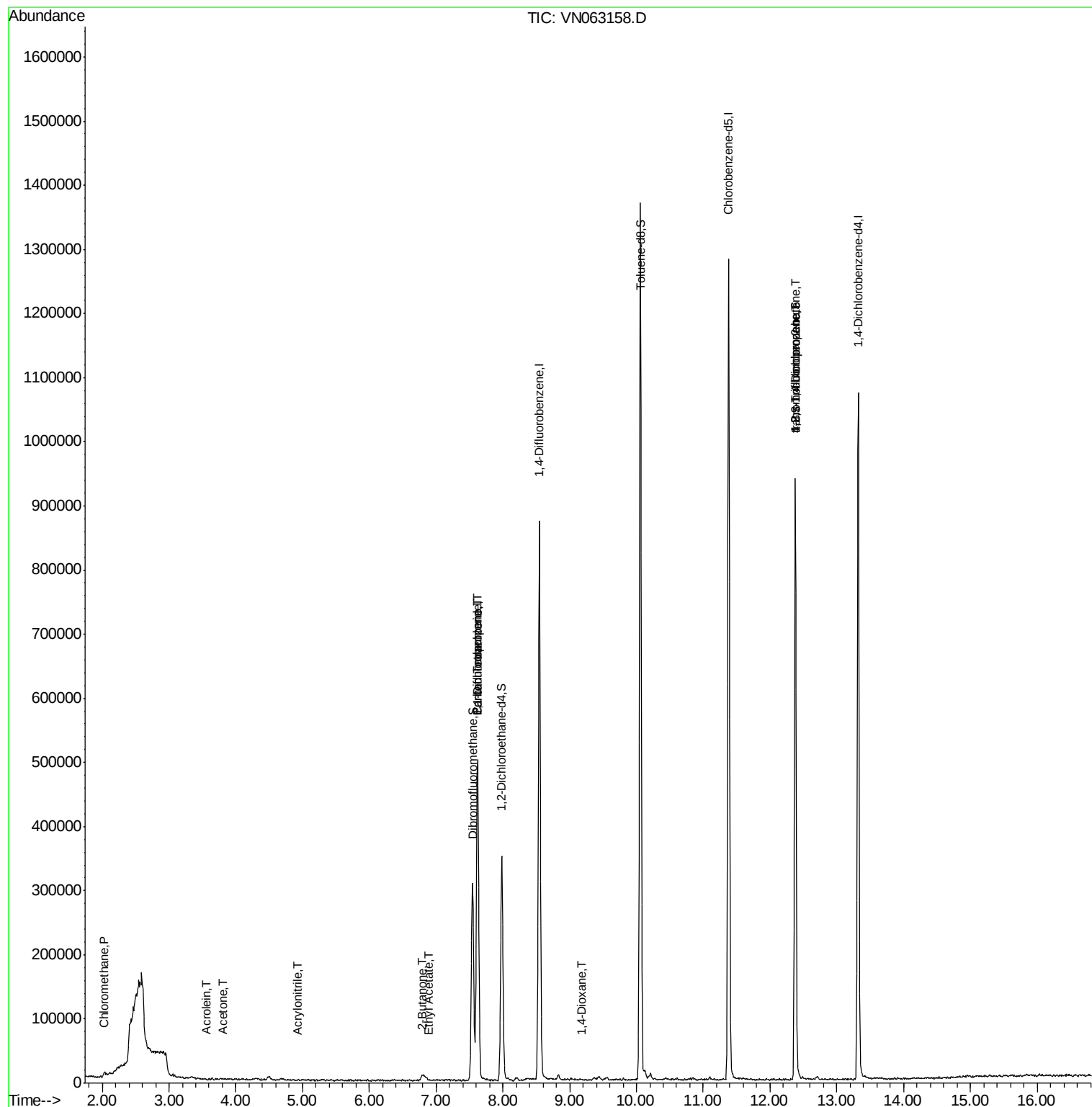
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	383622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	742409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	696678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	266999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	294595	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.54	113	229364	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	910560	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	313847	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	3017	0.548	ug/l #	87
7) Trichlorofluoromethane	2.93	101	184	Below Cal	#	1
13) Acrolein	3.57	56	69	15.990	ug/l #	1
15) Acrylonitrile	4.93	53	340	2.560	ug/l #	17
16) Acetone	3.79	43	2493	1.398	ug/l	89
25) 2-Butanone	6.79	43	3385	1.226	ug/l	94
31) Cyclohexane	7.61	56	12530	Below Cal	#	59
36) 1,1-Dichloropropene	7.62	75	37752	5.290	ug/l #	49
37) Ethyl Acetate	6.89	43	282	0.422	ug/l #	76
38) Carbon Tetrachloride	7.62	117	42243	5.836	ug/l #	15
49) 1,4-Dioxane	9.18	88	140	1.725	ug/l #	63
76) 1,2,3-Trichloropropane	12.38	75	178689	34.062	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	178689	82.328	ug/l #	10

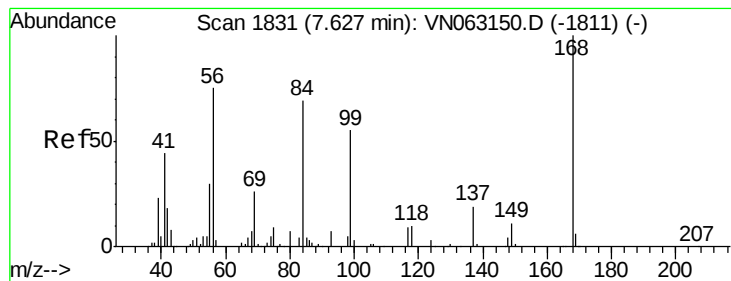
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
Data File : VN063158.D
Acq On : 1 Sep 2020 16:27
Operator : JC/MD
Sample : DX969-US
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 02 04:02:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

Instrument :

MSVOA_N

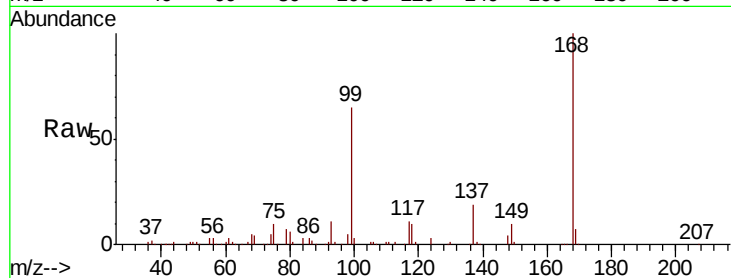
ClientSampled :

Tot Ion:168 Resp: 383622

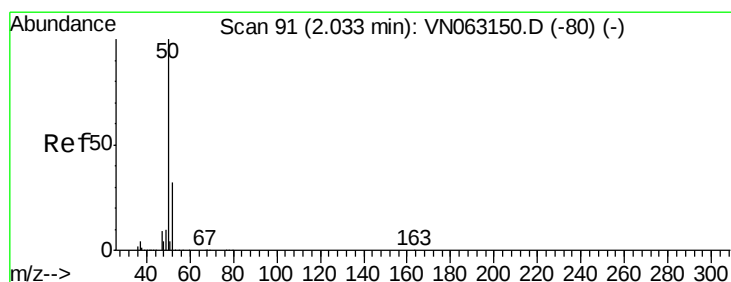
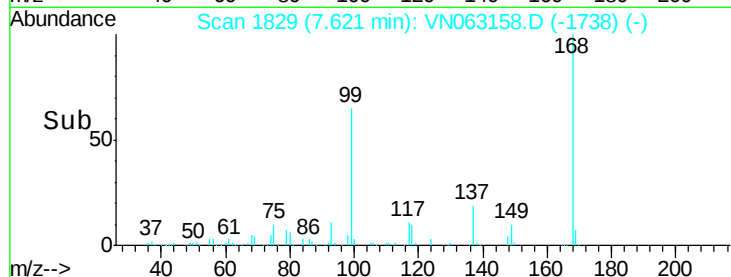
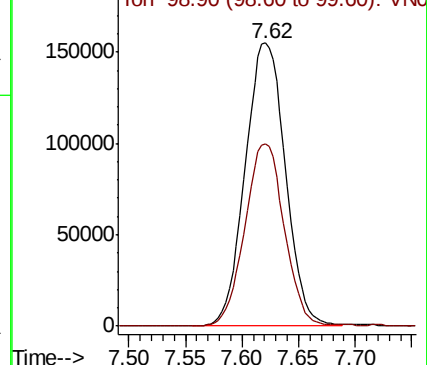
Ion Ratio Lower Upper

168 100

99 64.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063158.D (-1738) (-)



#3

Chloromethane

Concen: 0.548 ug/l

RT: 2.03 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN063158.D

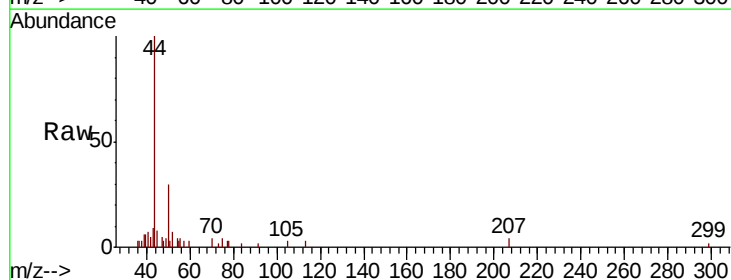
Acq: 1 Sep 2020 16:27

Tgt Ion: 50 Resp: 3017

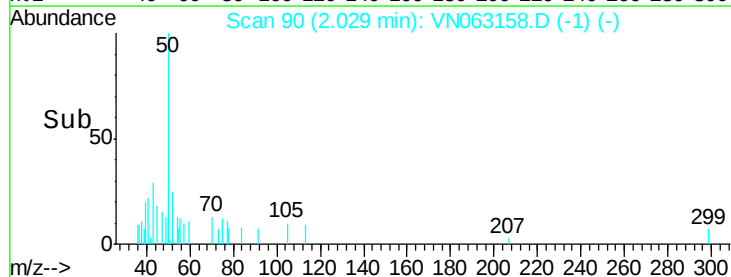
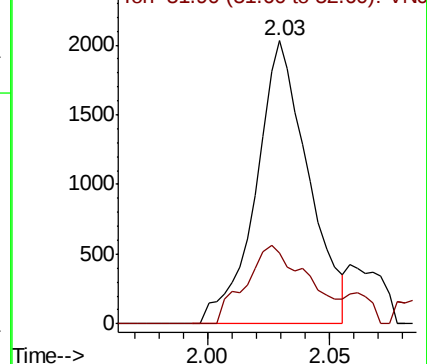
Ion Ratio Lower Upper

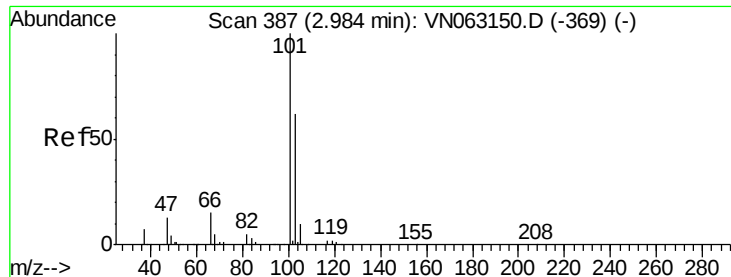
50 100

52 25.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN063158.D (-1) (-)



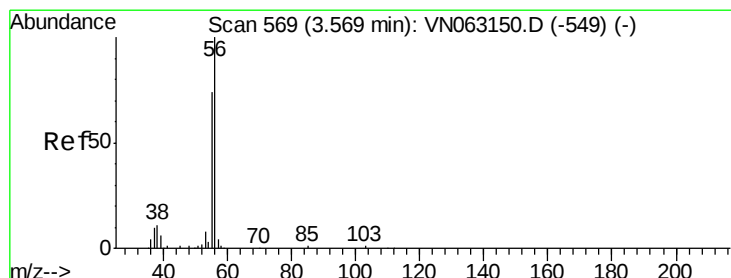
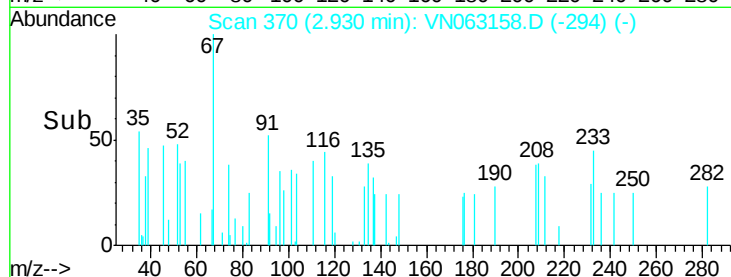
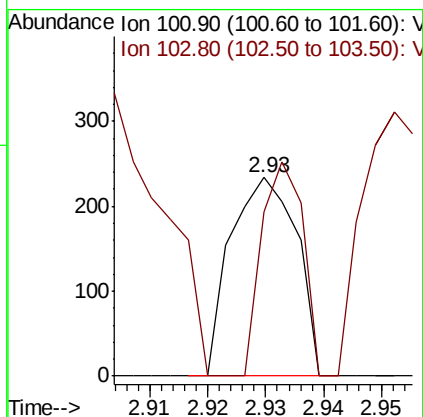
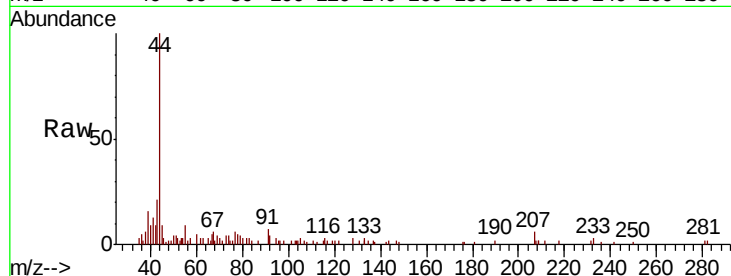


#7

Trichlorofluoromethane
 Concen: Below Cal
 RT: 2.93 min Scan# 370
 Delta R.T. -0.05 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

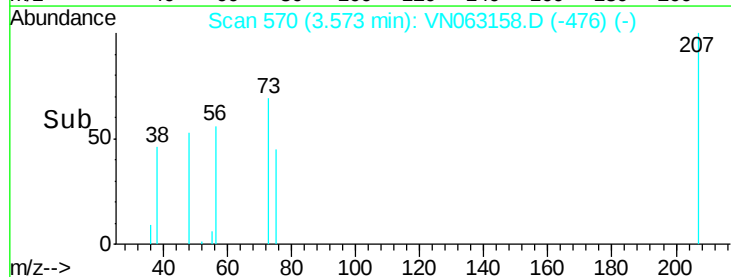
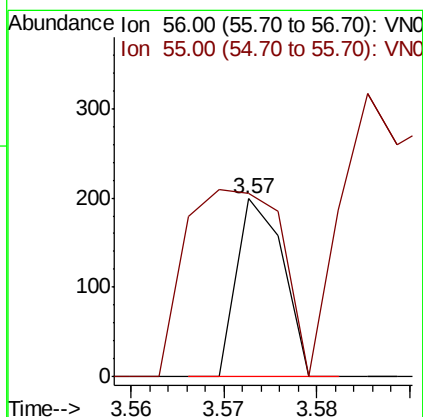
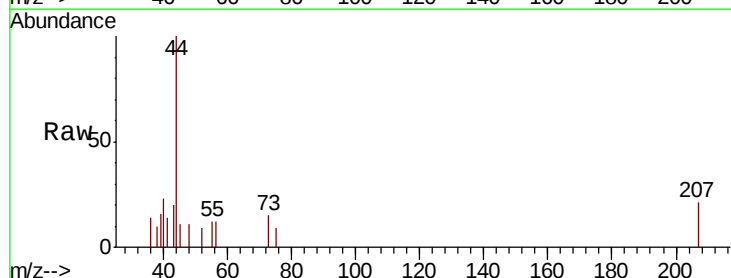
Tot Ion:101 Resp: 184
 Ion Ratio Lower Upper
 101 100
 103 177.8 49.7 74.5#

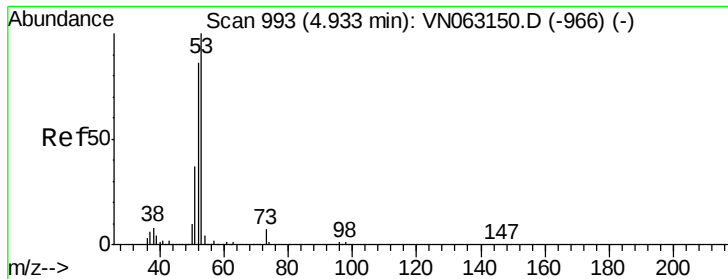


#13

Acrolein
 Concen: 15.990 ug/l
 RT: 3.57 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

Tgt Ion: 56 Resp: 69
 Ion Ratio Lower Upper
 56 100
 55 217.4 55.4 83.0#





#15

Acrylonitrile

Concen: 2.560 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

Instrument :

MSVOA_N

ClientSampled :

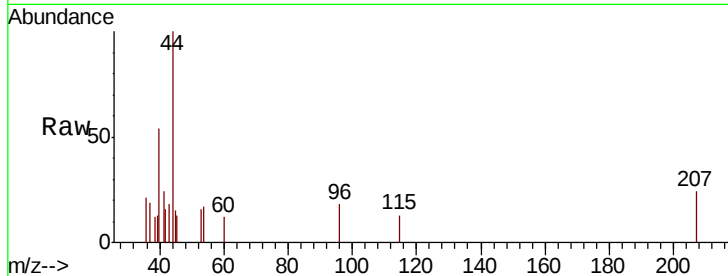
Tot Ion: 53 Resp: 340

Ion Ratio Lower Upper

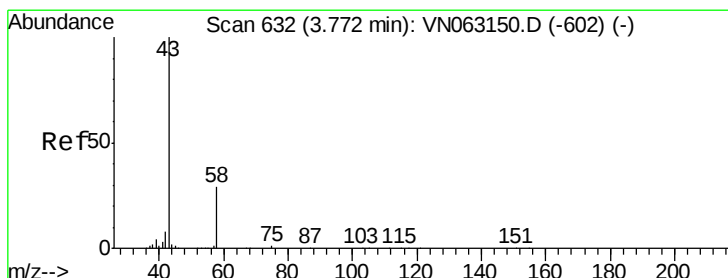
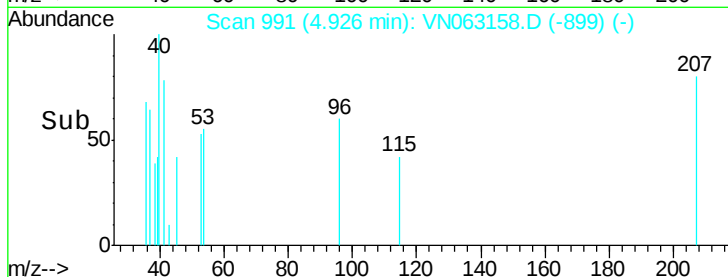
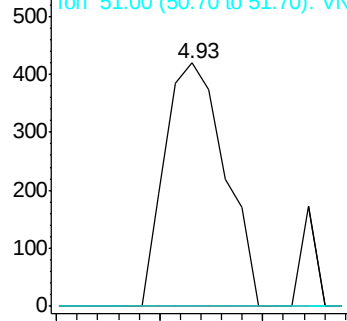
53 100

52 0.0 67.2 100.8#

51 0.0 30.2 45.4#



Abundance Ion 53.00 (52.70 to 53.70): VN063158.D (-899) (-)



#16

Acetone

Concen: 1.398 ug/l

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN063158.D

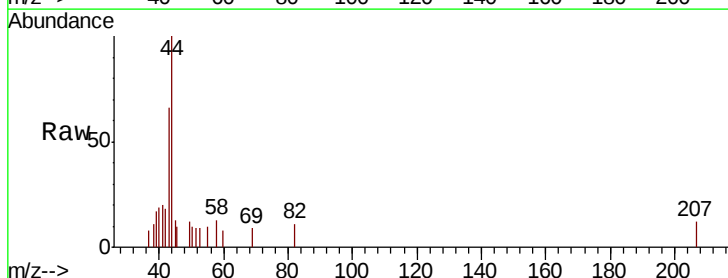
Acq: 1 Sep 2020 16:27

Tgt Ion: 43 Resp: 2493

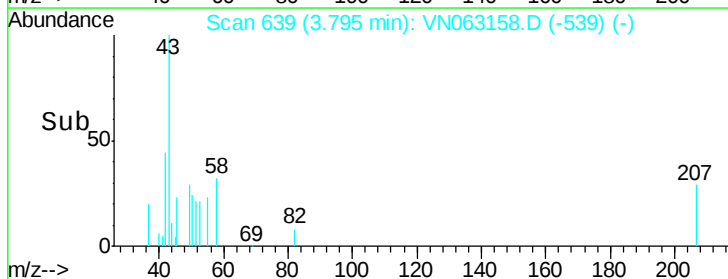
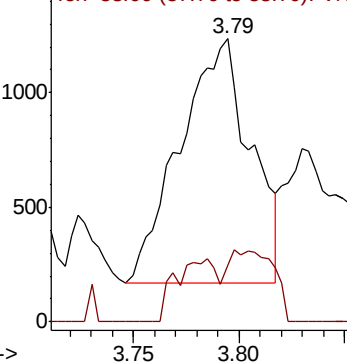
Ion Ratio Lower Upper

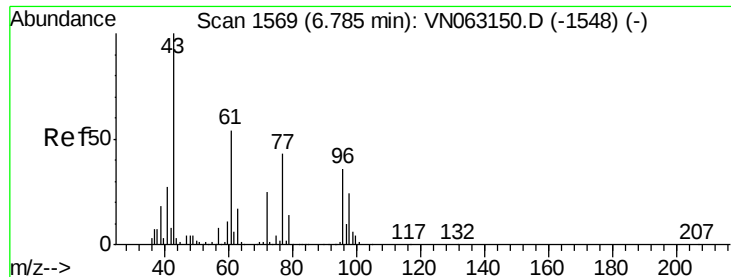
43 100

58 23.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063158.D (-539) (-)

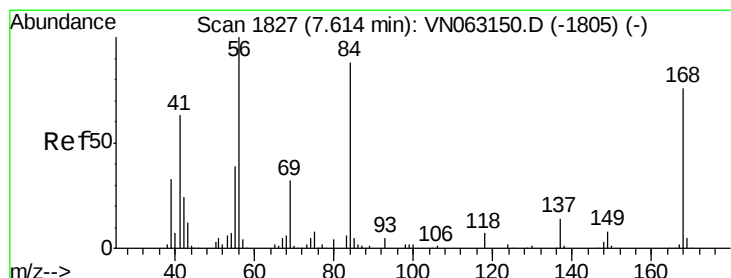
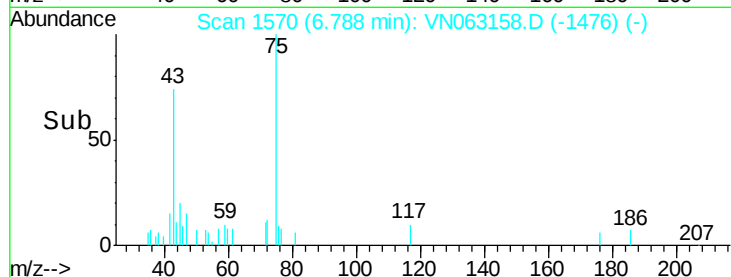
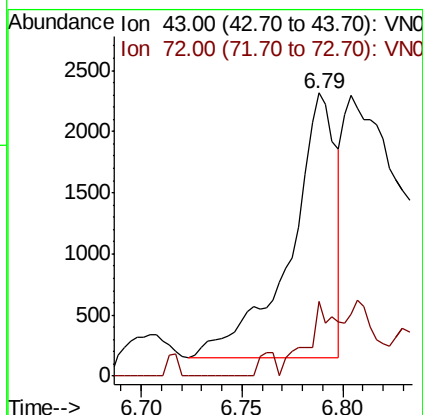
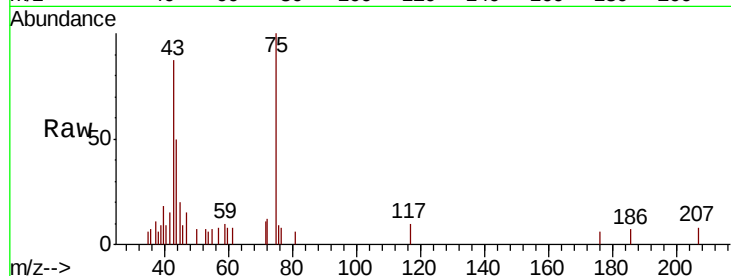




#25
2-Butanone
Concen: 1.226 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

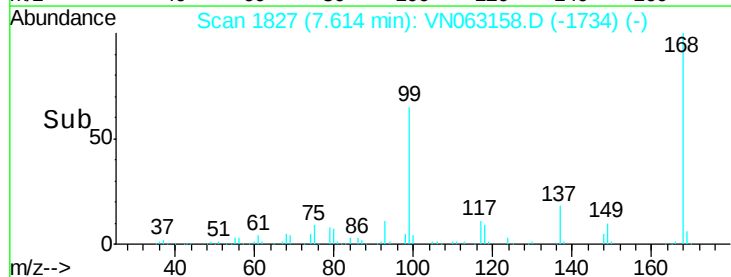
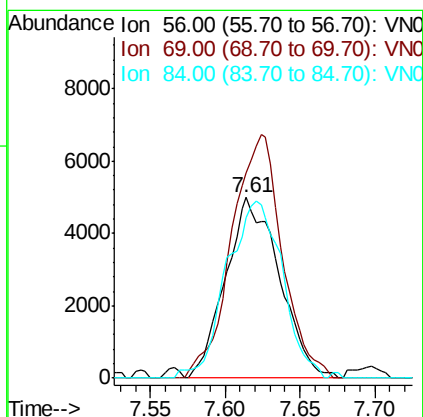
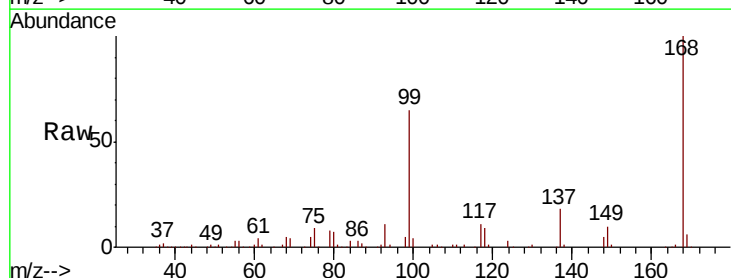
Instrument :
MSVOA_N
ClientSampled :

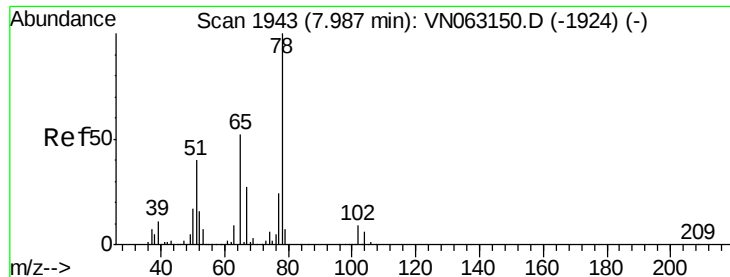
Tot Ion: 43 Resp: 3385
Ion Ratio Lower Upper
43 100
72 28.4 20.2 30.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

Tgt Ion: 56 Resp: 12530
Ion Ratio Lower Upper
56 100
69 113.7 25.4 38.0#
84 85.0 70.2 105.4

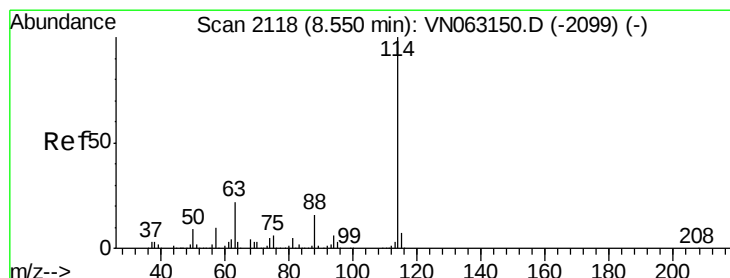
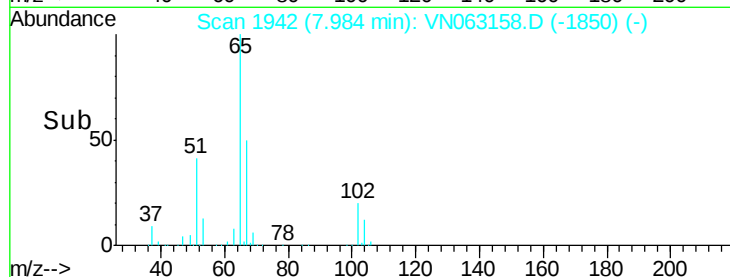
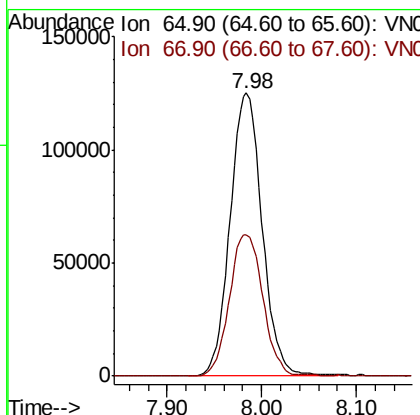
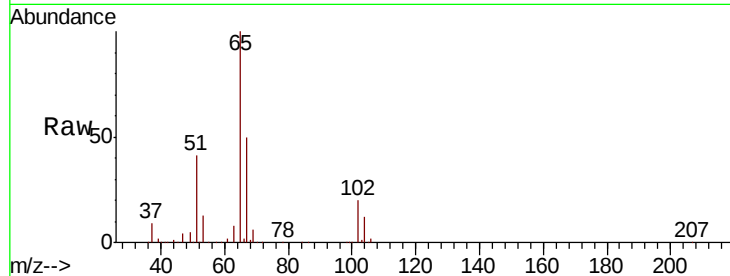




#33
 1,2-Dichloroethane-d4
 Concen: 46.977 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

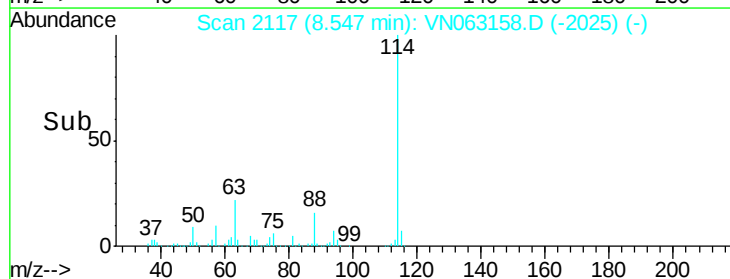
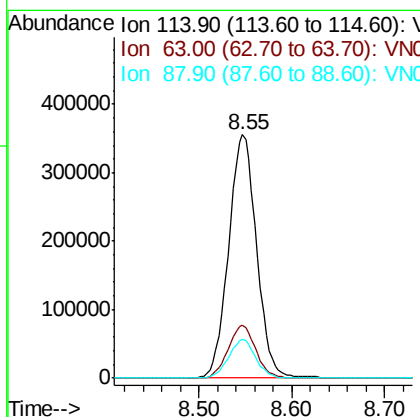
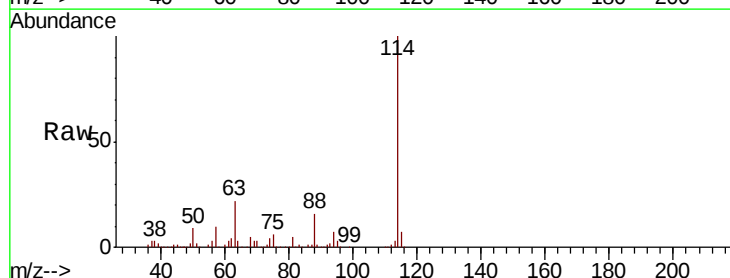
Instrument :
 MSVOA_N
 ClientSampled :

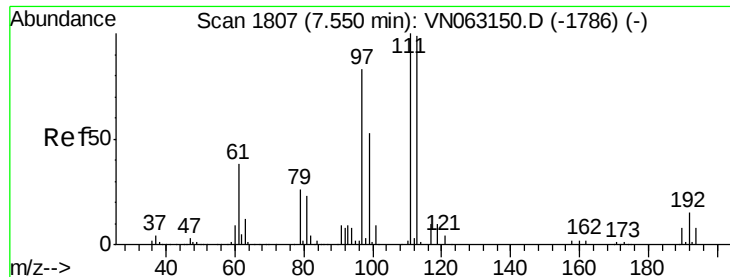
Tot Ion: 65 Resp: 294595
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

Tgt Ion: 114 Resp: 742409
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 15.9 0.0 31.6

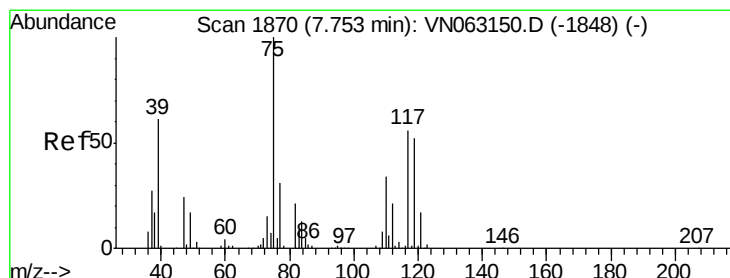
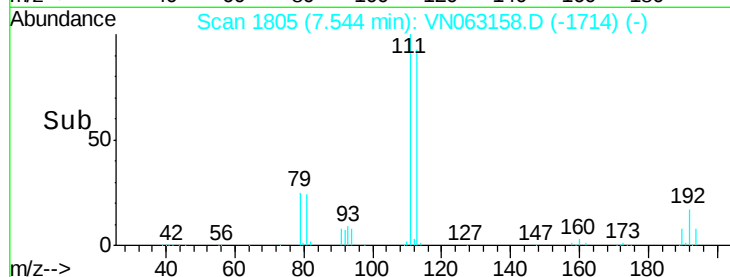
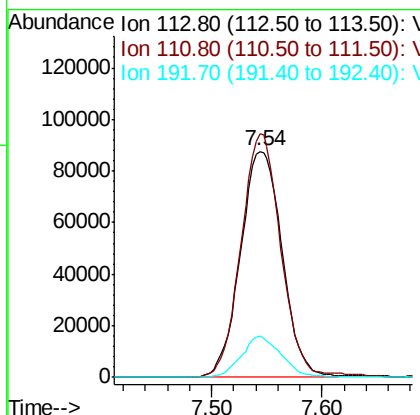
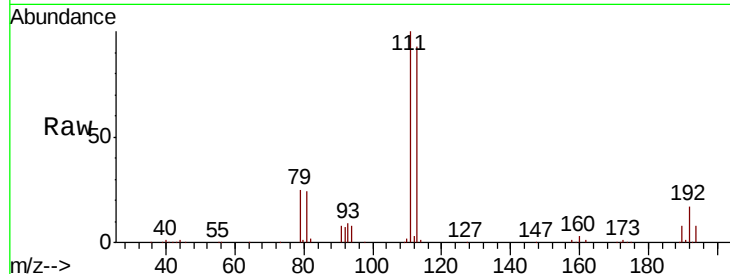




#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

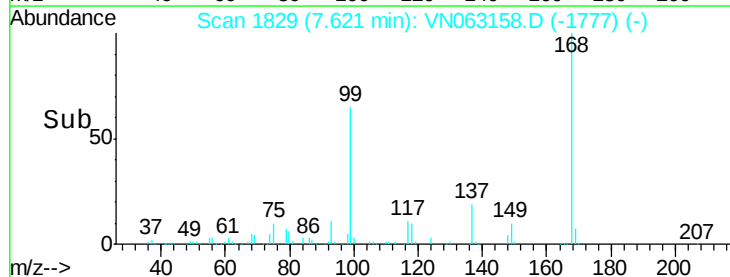
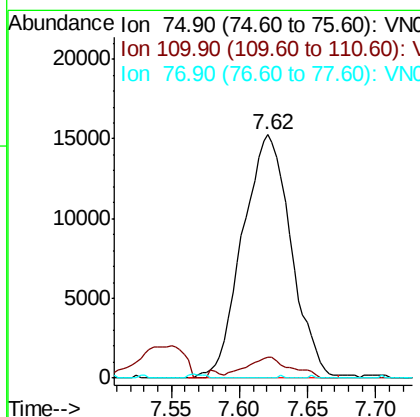
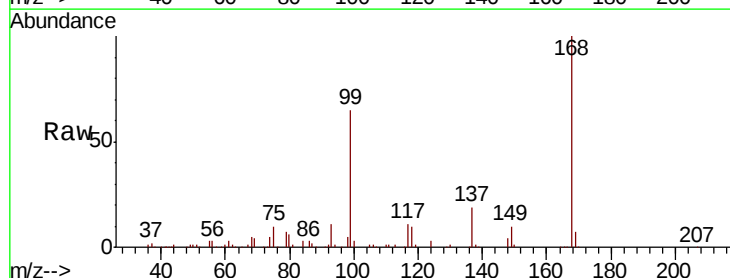
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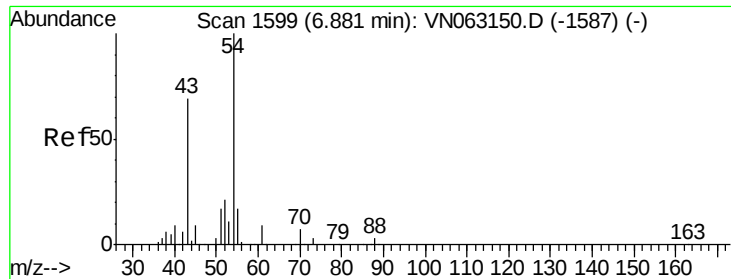
Tot Ion:113 Resp: 229364
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.7 121.1
 192 17.4 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.290 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063158.D
 Acq: 1 Sep 2020 16:27

Tgt Ion: 75 Resp: 37752
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.6 49.8#
 77 0.1 25.4 38.2#

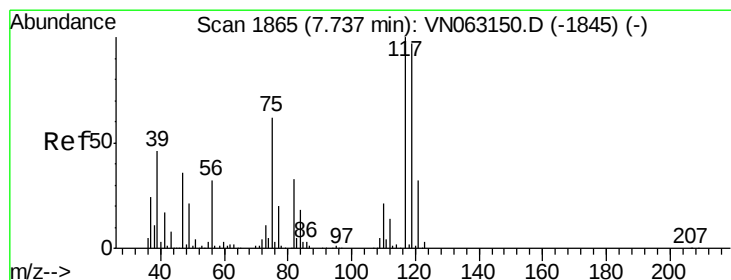
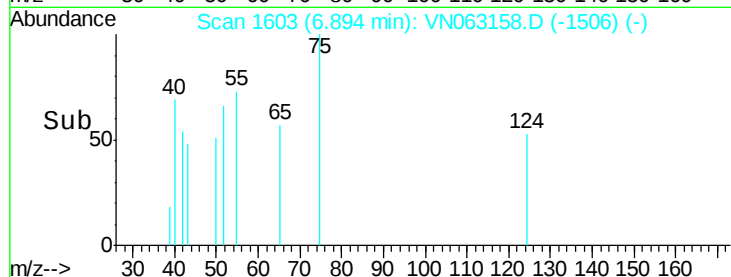
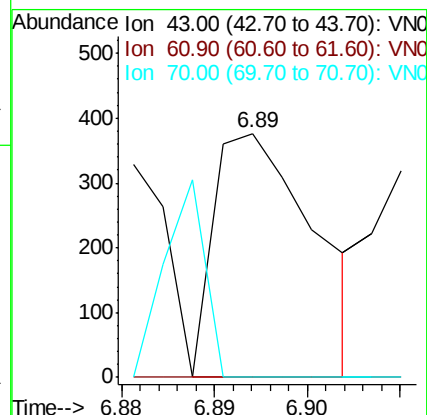
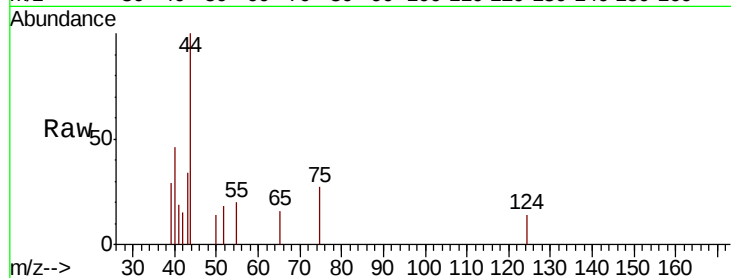




#37
Ethyl Acetate
Concen: 0.422 ug/l
RT: 6.89 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

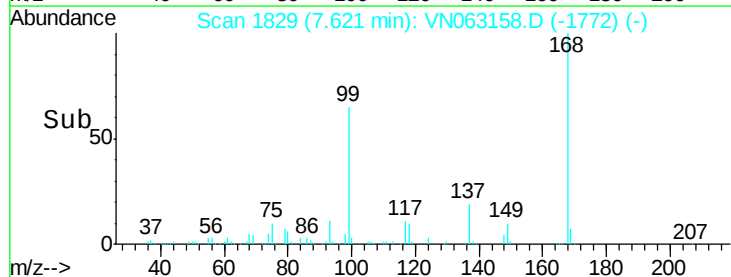
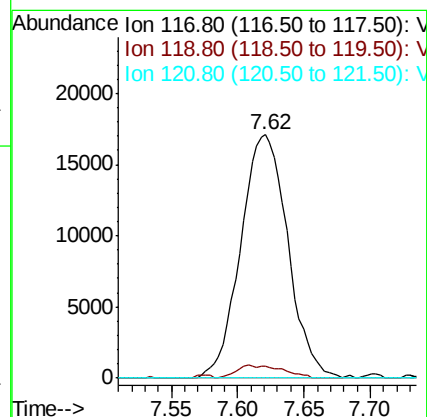
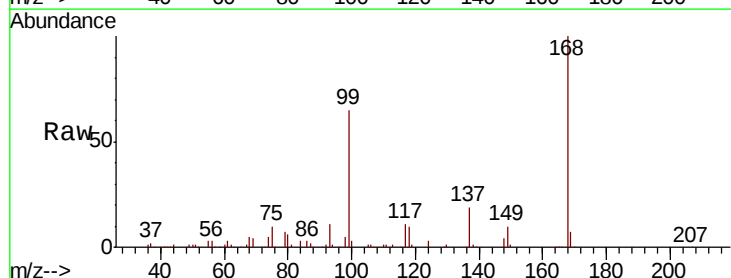
Instrument :
MSVOA_N
ClientSampled :

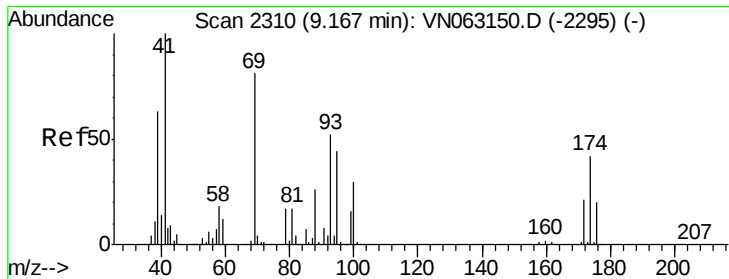
Tot Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
61 10.6 10.2 15.4
70 32.6 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.12 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

Tgt Ion: 117 Resp: 42243
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.6 38.4#

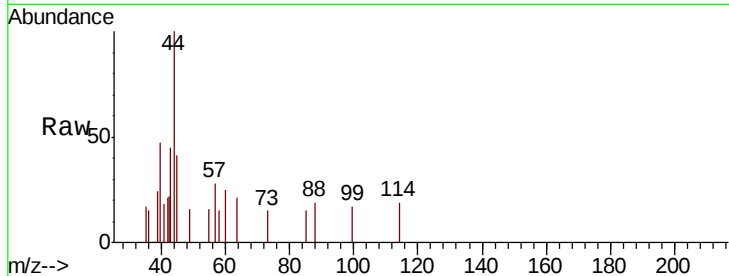




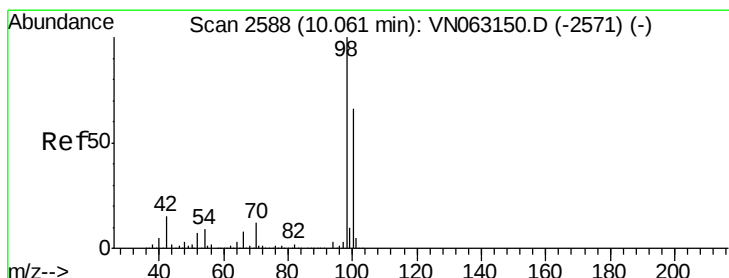
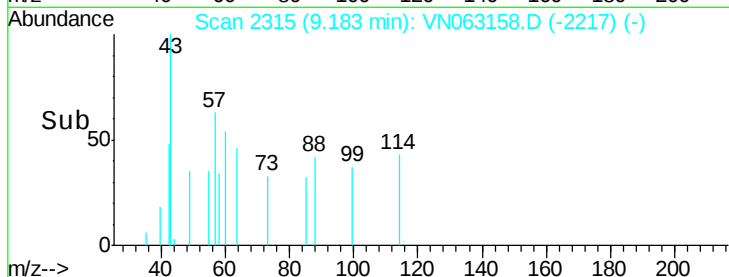
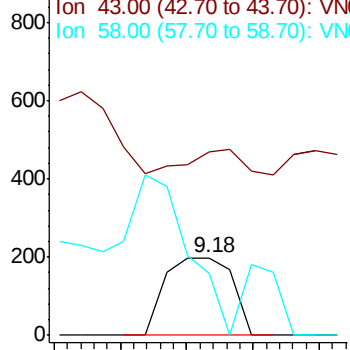
#49
1,4-Dioxane
Concen: 1.725 ug/l
RT: 9.18 min Scan# 2315
Delta R.T. 0.02 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 47.1 53.2 79.8#

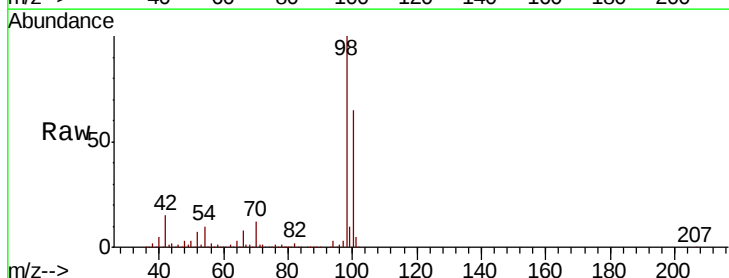


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

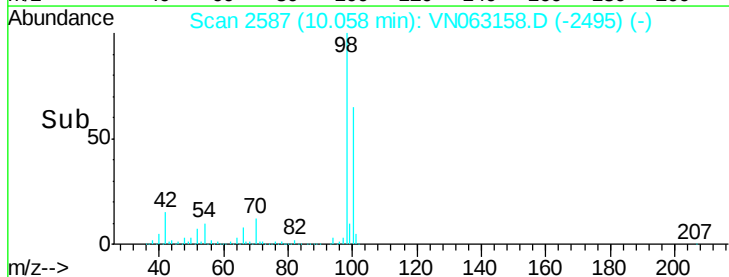
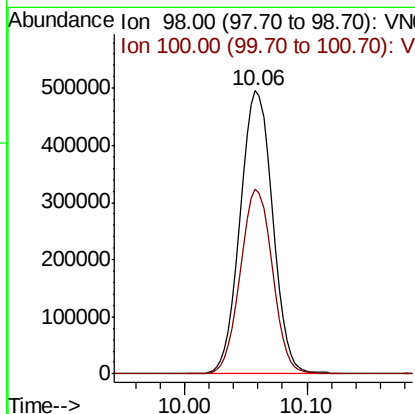


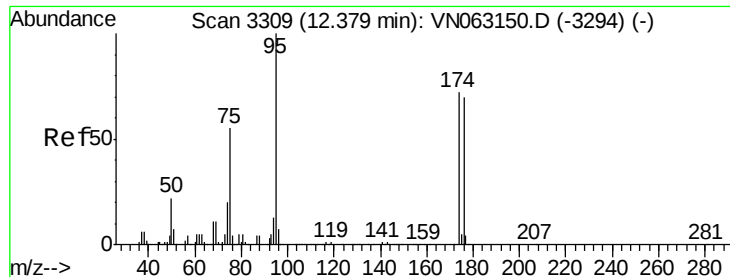
#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063158.D
Acq: 1 Sep 2020 16:27

Tgt Ion: 98 Resp: 910560
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.941 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.00 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

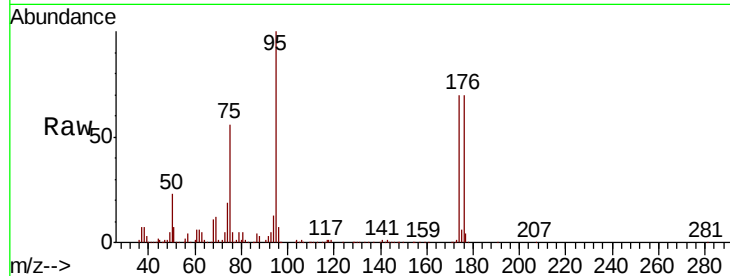
Tot Ion: 95 Resp: 313847

Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.8

176 69.8 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063158.D (-3216) (-)

Ion 173.80 (173.50 to 174.50): VN063158.D (-3216) (-)

Ion 175.80 (175.50 to 176.50): VN063158.D (-3216) (-)

12.38

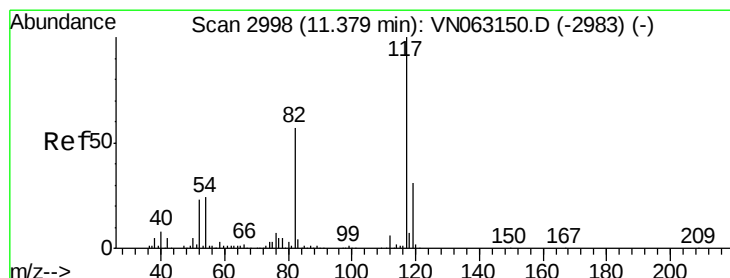
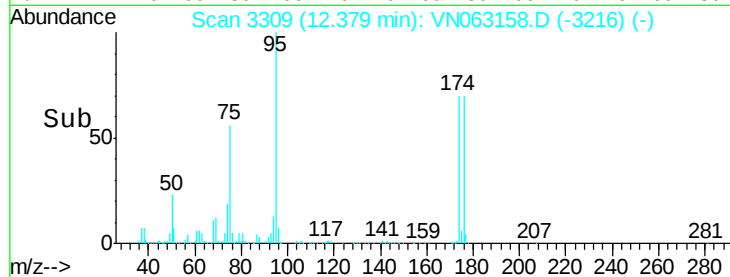
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

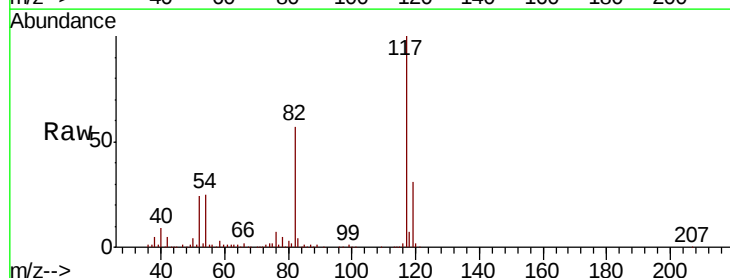
Tgt Ion: 117 Resp: 696678

Ion Ratio Lower Upper

117 100

82 57.2 45.4 68.0

119 31.4 24.6 37.0



Abundance Ion 116.90 (116.60 to 117.60): VN063158.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063158.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063158.D (-2905) (-)

11.38

400000

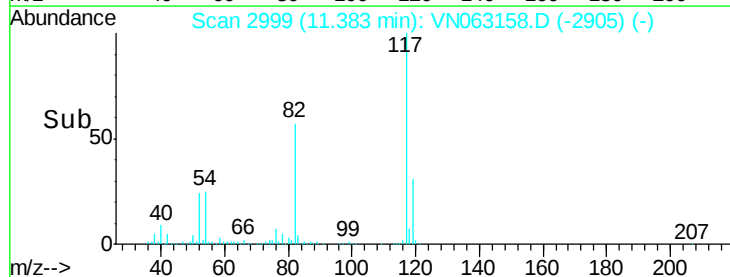
300000

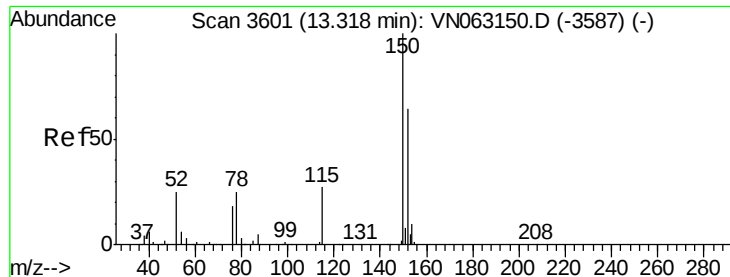
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

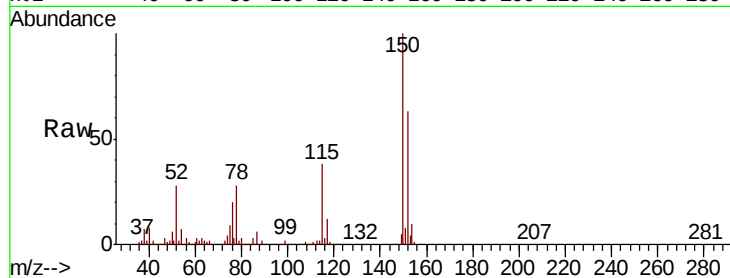
Tot Ion:152 Resp: 266999

Ion Ratio Lower Upper

152 100

115 60.1 32.0 96.2

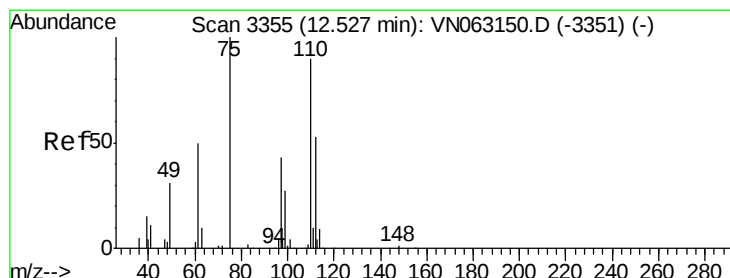
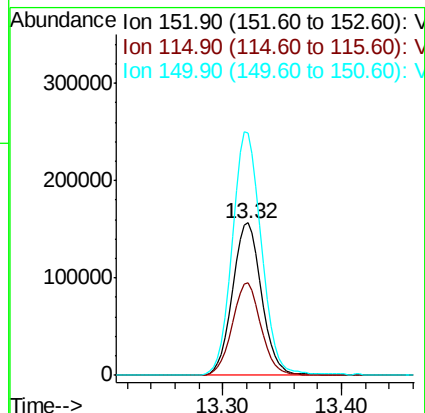
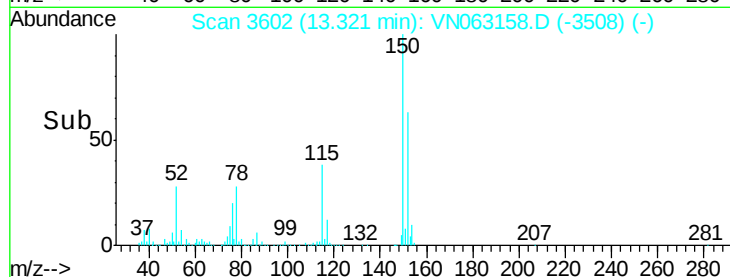
150 158.2 0.0 353.0



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: 34.062 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.15 min

Lab File: VN063158.D

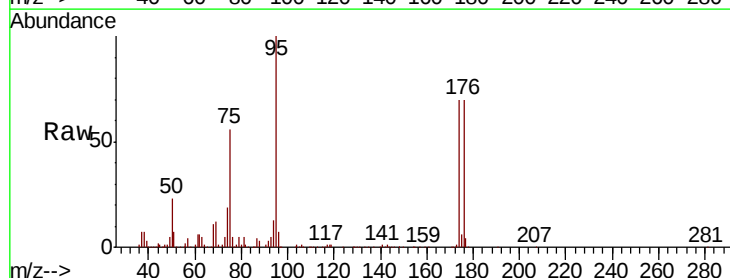
Acq: 1 Sep 2020 16:27

Tgt Ion: 75 Resp: 178689

Ion Ratio Lower Upper

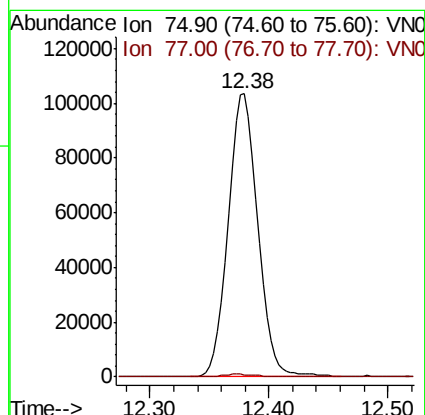
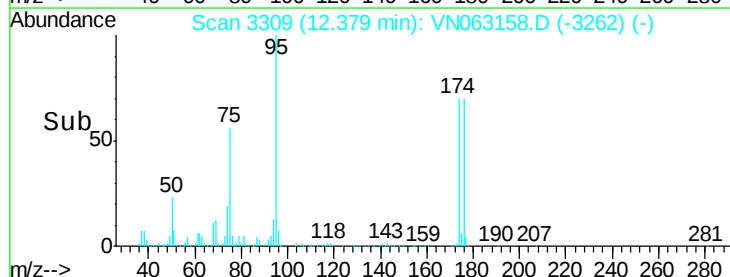
75 100

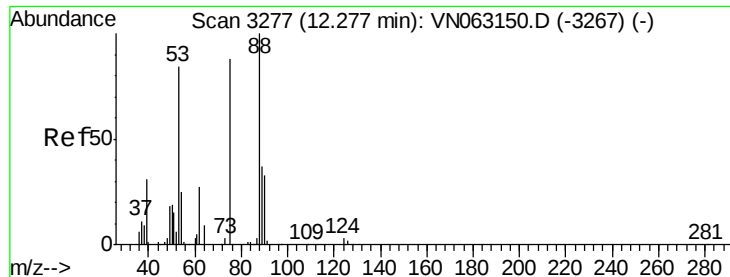
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.328 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.10 min

Lab File: VN063158.D

Acq: 1 Sep 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

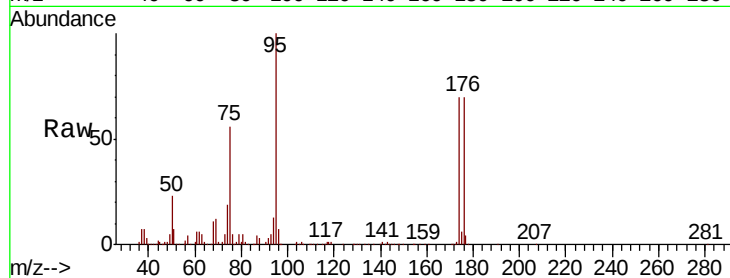
Tot Ion: 75 Resp: 178689

Ion Ratio Lower Upper

75 100

53 0.1 78.7 118.1#

89 0.0 35.3 52.9#



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

