

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063561.D
 Acq On : 23 Sep 2020 3:39
 Operator : JC/MD
 Sample : L3872-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-092120

Quant Time: Sep 23 05:52:30 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	7.63	168	223306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185775	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	191147	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	7.55	113	135343	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.06	98	537285	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.38	95	214356	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	

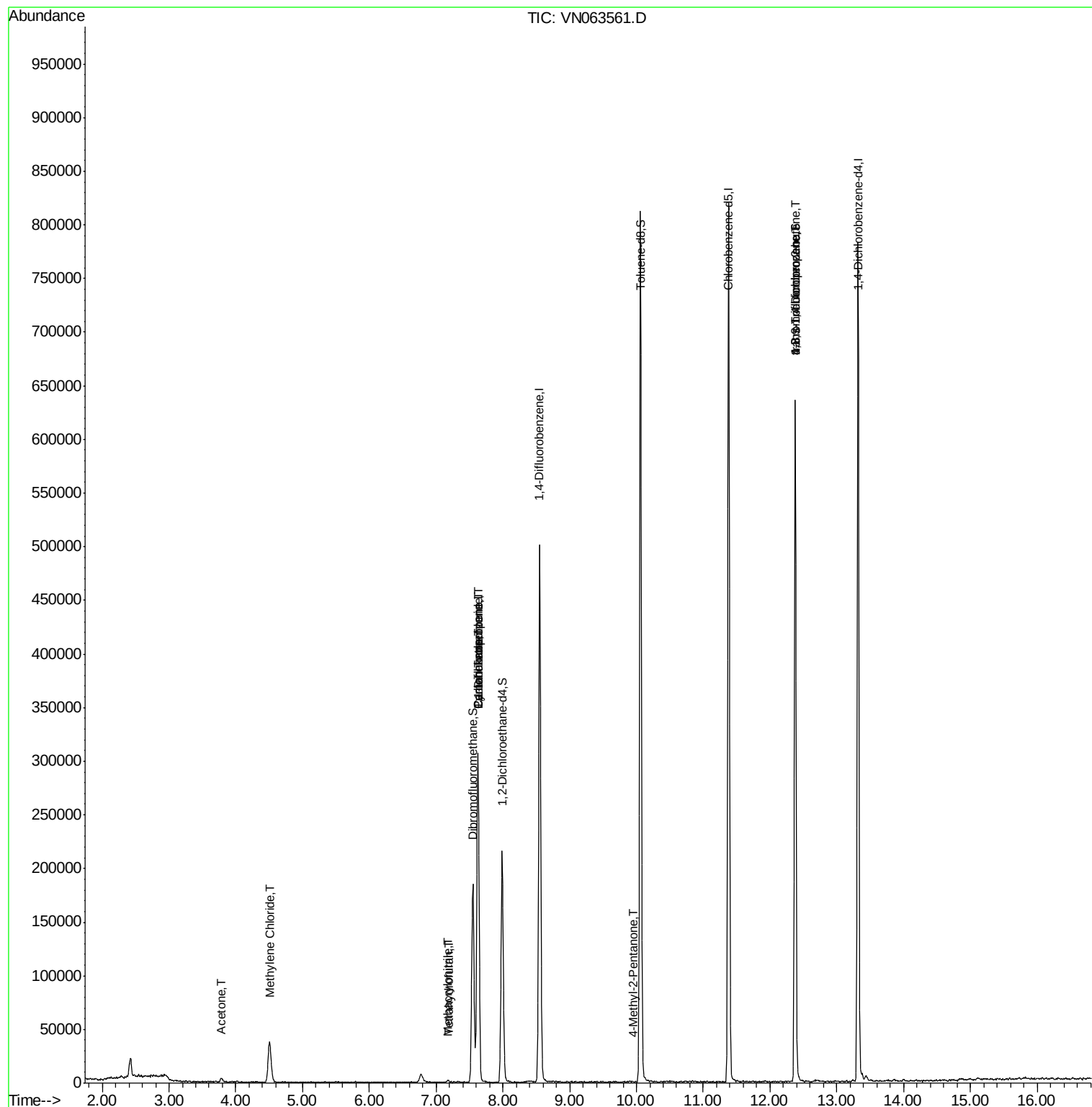
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5936	4.859	ug/l	96
20) Methylene Chloride	4.50	84	27895	9.012	ug/l	91
29) Tetrahydrofuran	7.18	42	1355	1.056	ug/l #	50
31) Cyclohexane	7.62	56	6199	1.181	ug/l #	5
36) 1,1-Dichloropropene	7.63	75	21244	4.759	ug/l #	51
38) Carbon Tetrachloride	7.62	117	26141	5.737	ug/l #	17
41) Methacrylonitrile	7.16	41	659	0.334	ug/l #	100
51) 4-Methyl-2-Pentanone	9.96	43	1132	0.258	ug/l #	39
76) 1,2,3-Trichloropropane	12.38	75	121866	26.503	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	121866	72.661	ug/l #	7

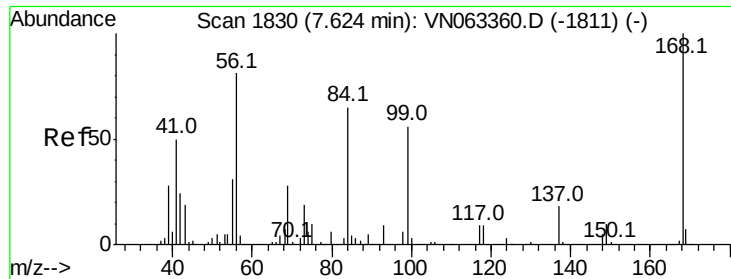
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063561.D
Acq On : 23 Sep 2020 3:39
Operator : JC/MD
Sample : L3872-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BU-02-092120

Quant Time: Sep 23 05:52:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063561.D

Acq: 23 Sep 2020 3:39

Instrument :

MSVOA_N

ClientSampleId :

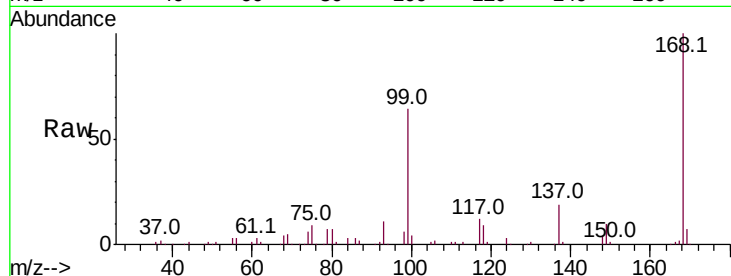
BU-02-092120

Tot Ion:168 Resp: 223306

Ion Ratio Lower Upper

168 100

99 64.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

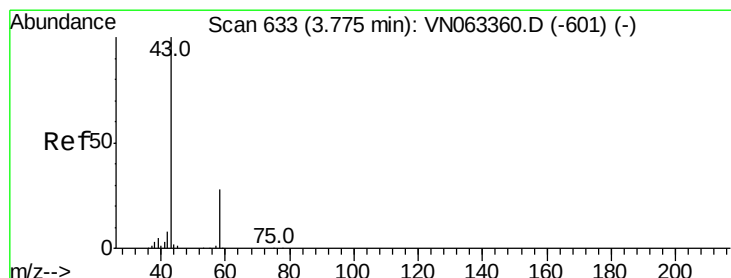
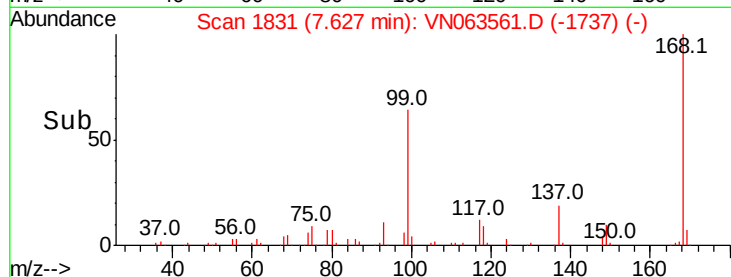
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.859 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063561.D

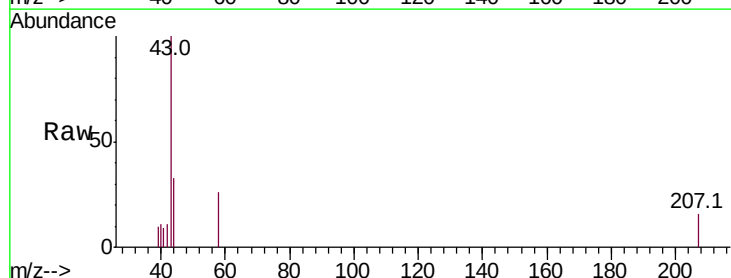
Acq: 23 Sep 2020 3:39

Tgt Ion: 43 Resp: 5936

Ion Ratio Lower Upper

43 100

58 25.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2000

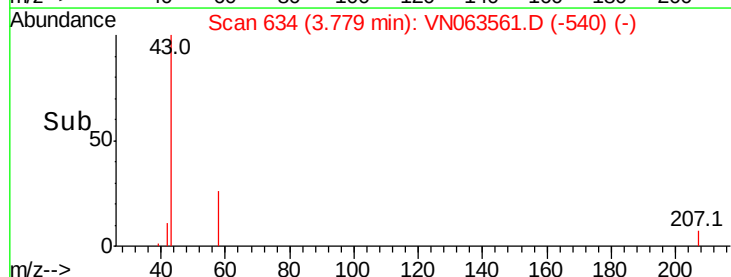
1500

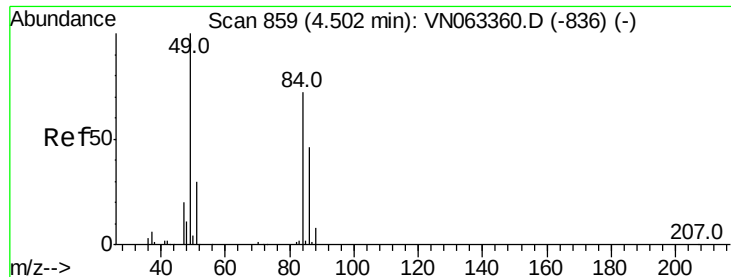
1000

500

0

Time--> 3.70 3.75 3.80 3.85

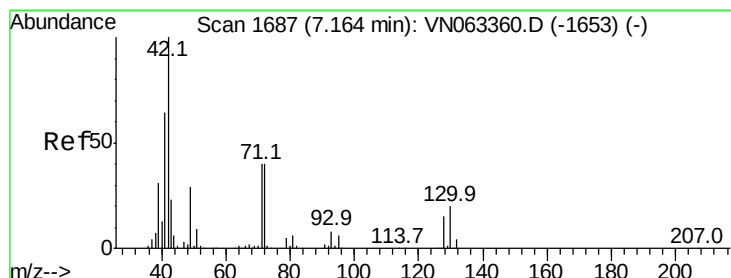
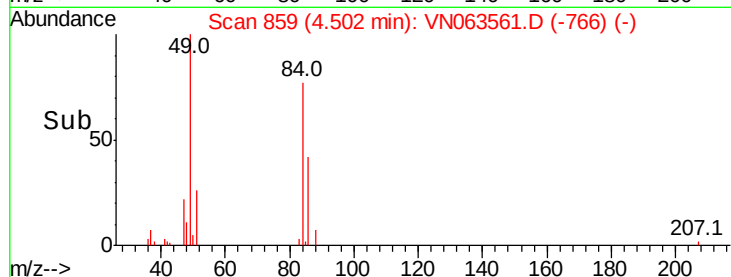
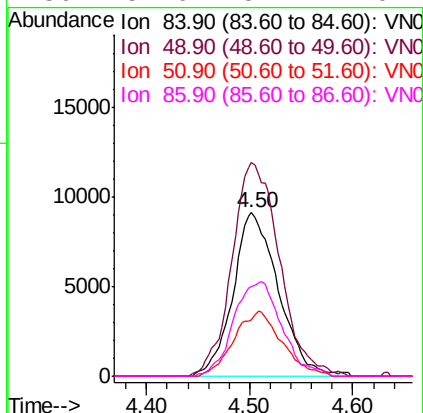
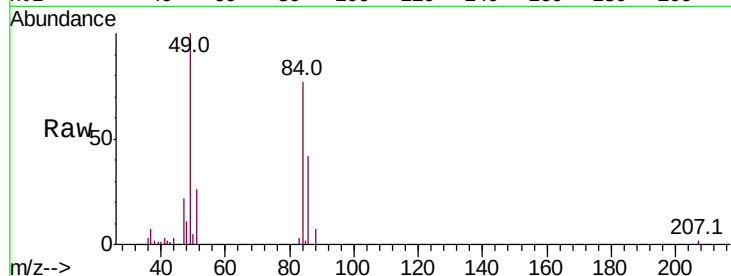




#20
Methylene Chloride
Concen: 9.012 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

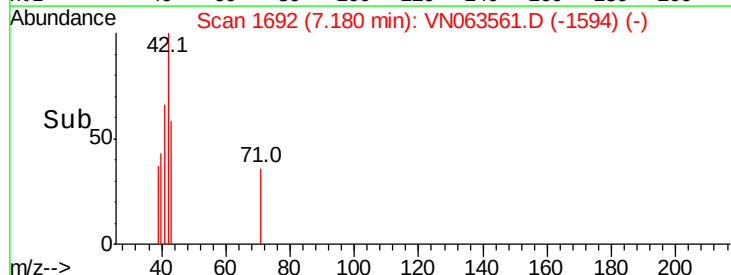
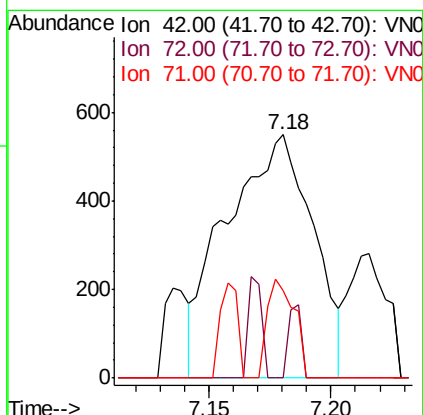
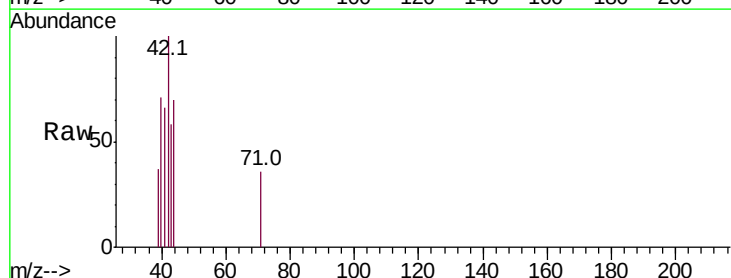
Instrument :
MSVOA_N
ClientSampleId :
BU-02-092120

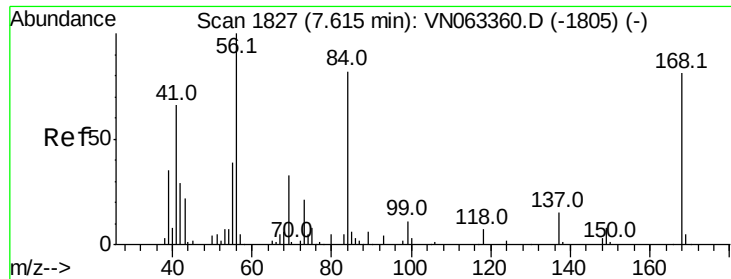
Tot Ion:	84	Resp:	27895
Ion	Ratio	Lower	Upper
84	100		
49	130.7	110.7	166.1
51	34.5	32.9	49.3
86	54.6	51.1	76.7



#29
Tetrahydrofuran
Concen: 1.056 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

Tgt Ion:	42	Resp:	1355
Ion	Ratio	Lower	Upper
42	100		
72	4.5	32.1	48.1#
71	12.7	31.2	46.8#

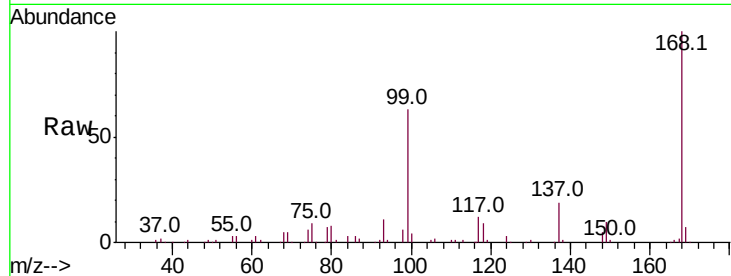




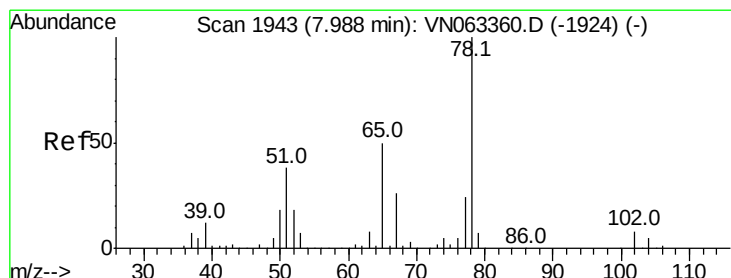
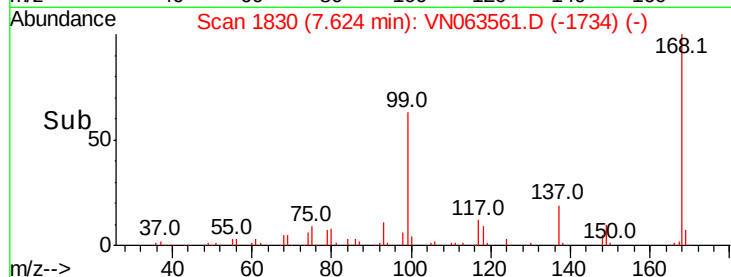
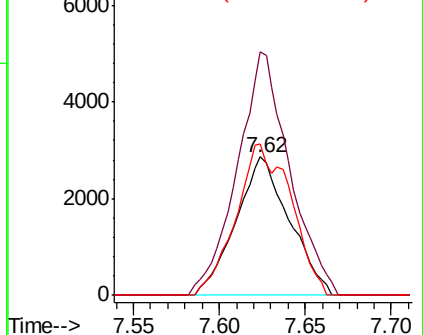
#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

Instrument :
MSVOA_N
ClientSampleId :
BU-02-092120

Tot Ion: 56 Resp: 6199
Ion Ratio Lower Upper
56 100
69 176.2 26.1 39.1#
84 109.7 65.4 98.2#

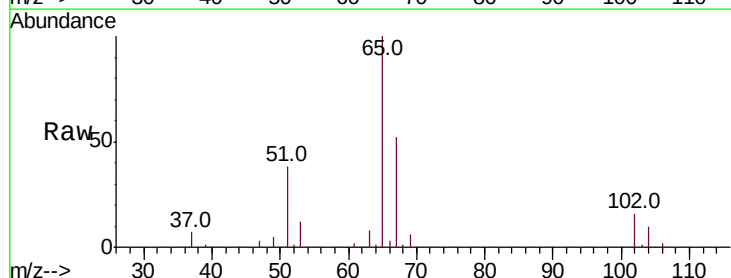


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

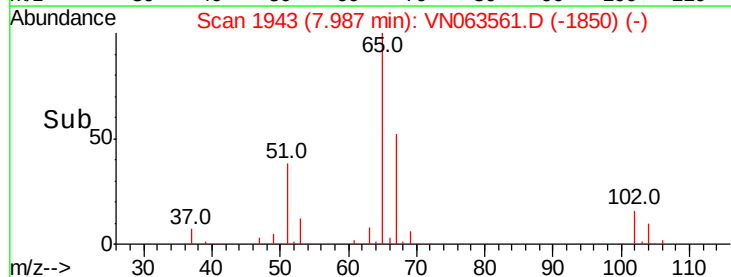
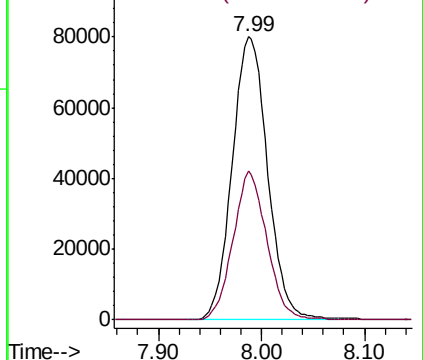


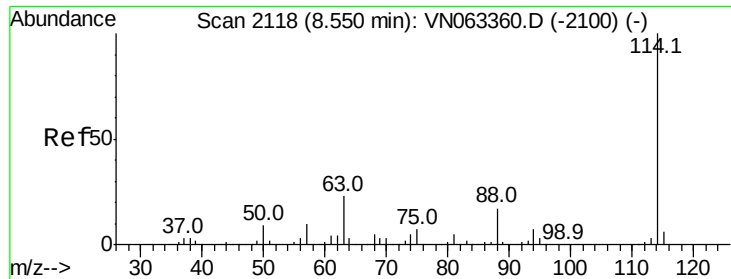
#33
1,2-Dichloroethane-d4
Concen: 50.285 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

Tgt Ion: 65 Resp: 191147
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

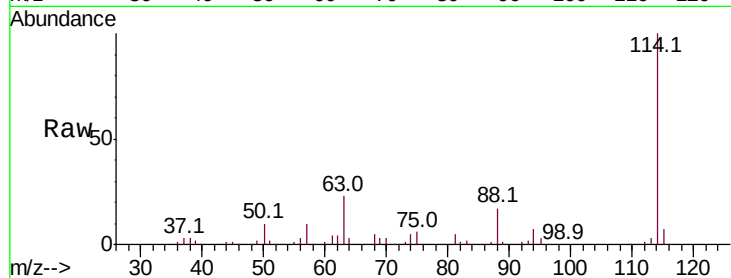




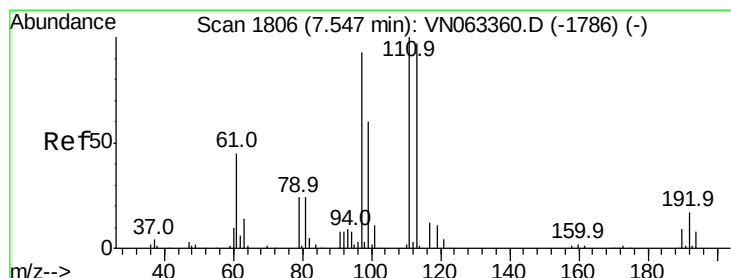
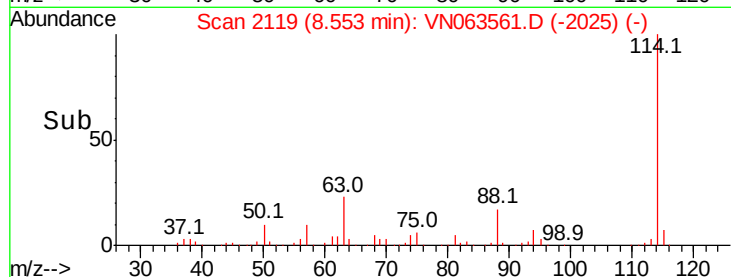
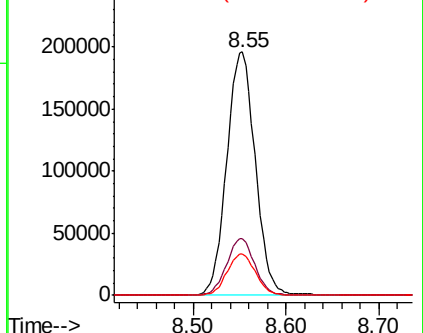
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063561.D
 Acq: 23 Sep 2020 3:39

Instrument :
 MSVOA_N
 ClientSampled :
 BU-02-092120

Tot Ion:114 Resp: 419010
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.0 0.0 33.2

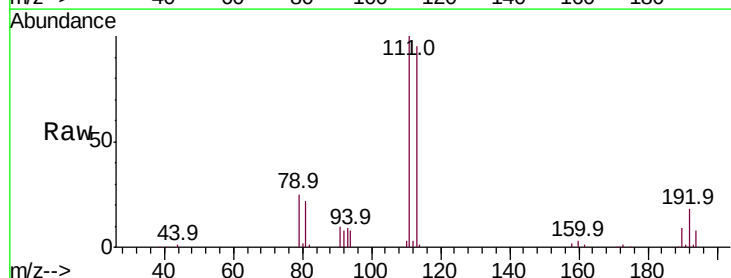


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

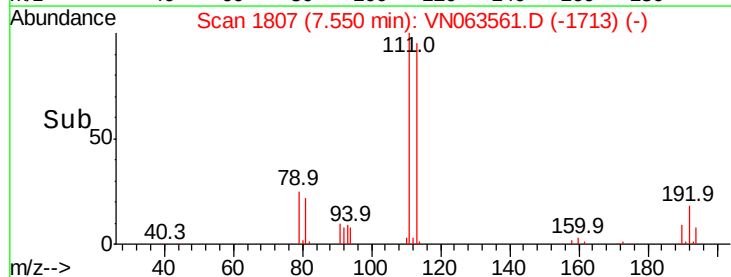
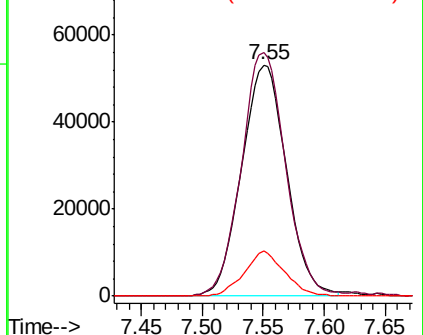


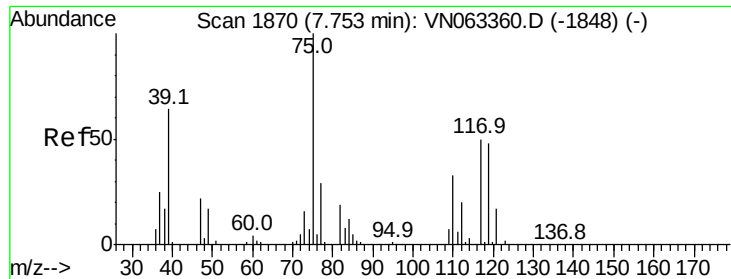
#35
 Dibromofluoromethane
 Concen: 46.658 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063561.D
 Acq: 23 Sep 2020 3:39

Tgt Ion:113 Resp: 135343
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.4 13.9 20.9



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

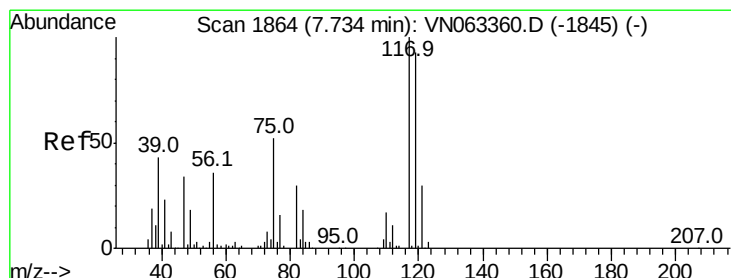
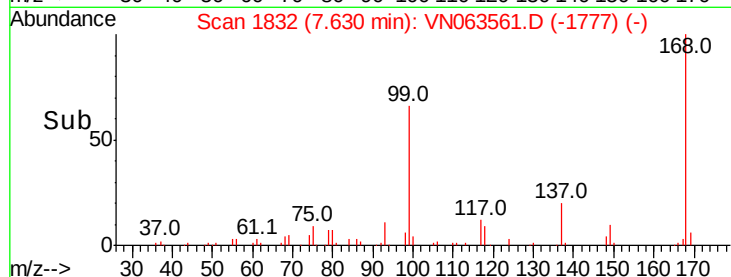
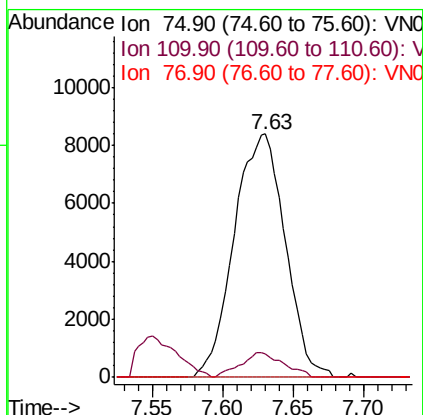
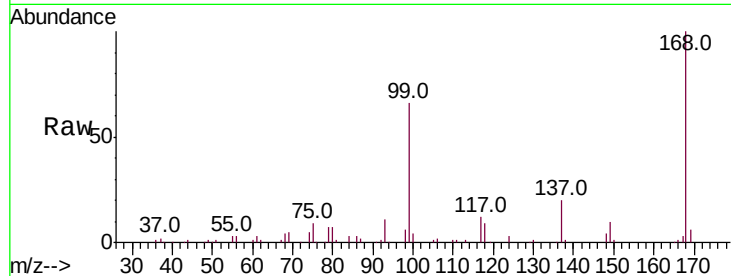




#36
 1,1-Dichloropropene
 Concen: 4.759 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063561.D
 Acq: 23 Sep 2020 3:39

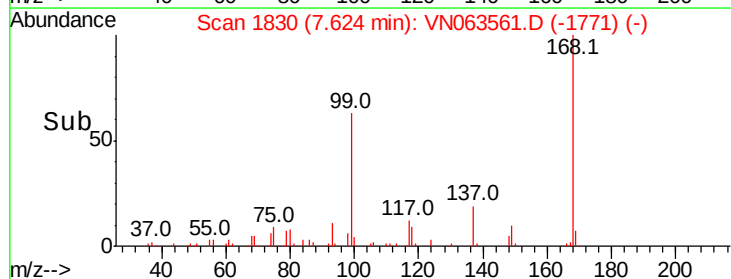
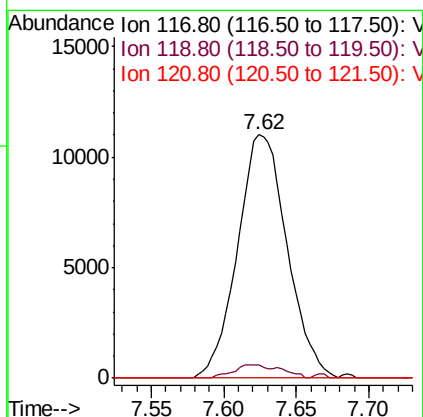
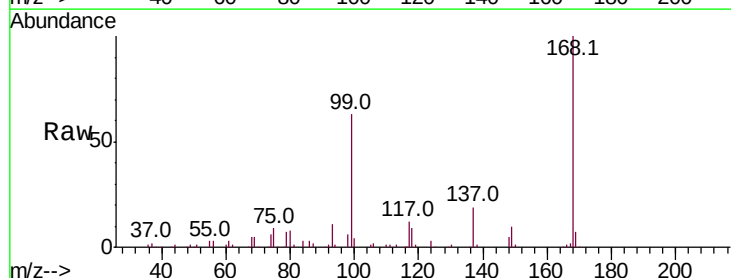
Instrument :
 MSVOA_N
 ClientSampled :
 BU-02-092120

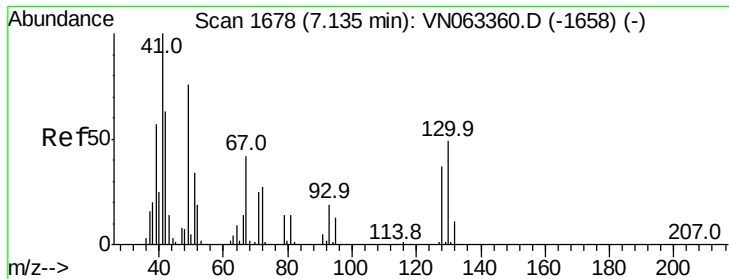
Tot Ion: 75 Resp: 21244
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.737 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063561.D
 Acq: 23 Sep 2020 3:39

Tgt Ion: 117 Resp: 26141
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.5 111.7#
 121 0.0 24.1 36.1#

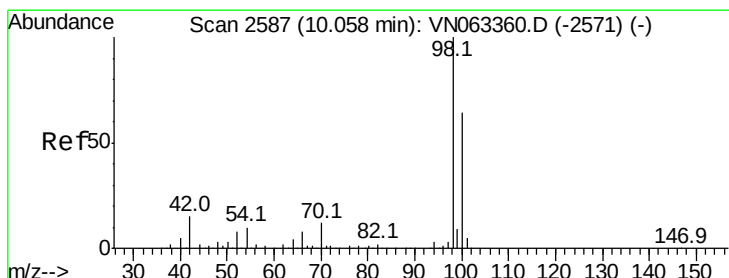
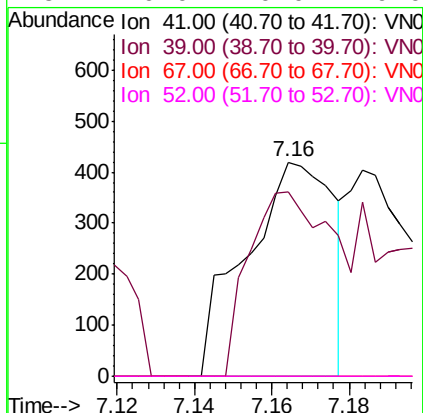
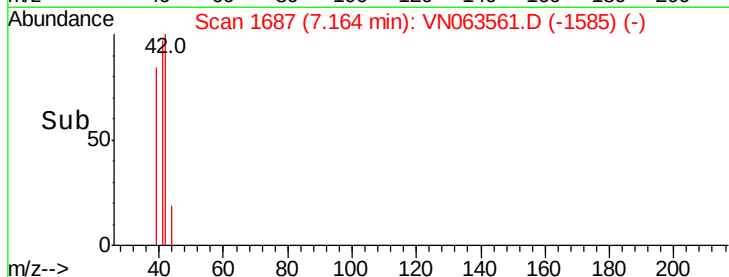
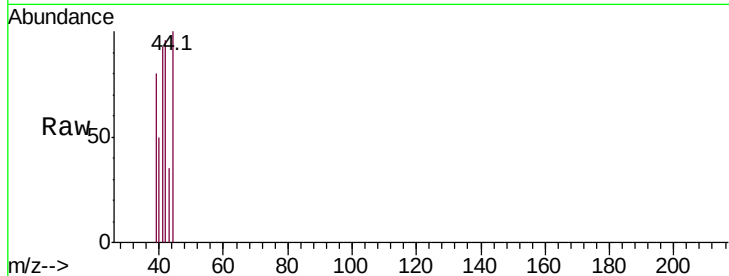




#41
Methacrylonitrile
Concen: 0.334 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

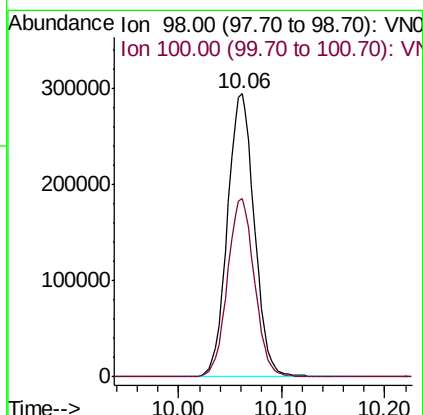
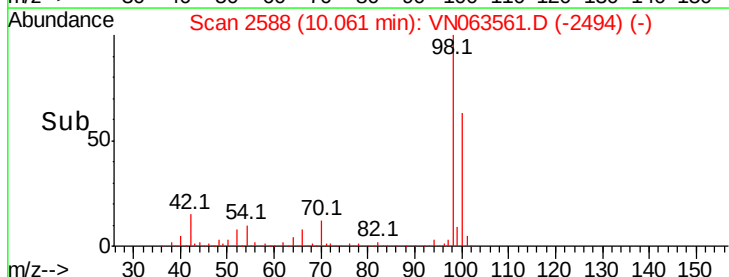
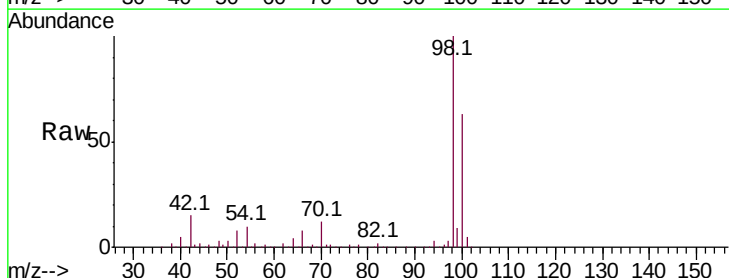
Instrument :
MSVOA_N
ClientSampled :
BU-02-092120

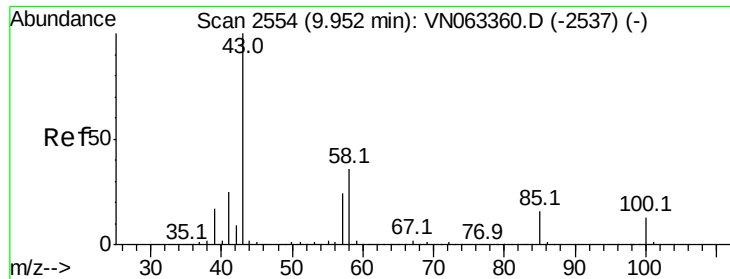
Tot Ion:	41	Resp:	659
Ion	Ratio	Lower	Upper
41	100		
39	83.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

Tgt Ion:	98	Resp:	537285
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 0.258 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN063561.D

Acq: 23 Sep 2020 3:39

Instrument :

MSVOA_N

ClientSampleId :

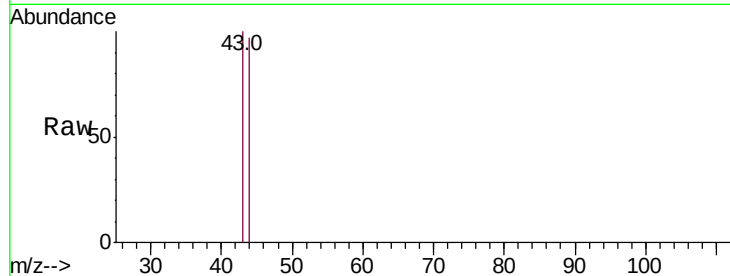
BU-02-092120

Tot Ion: 43 Resp: 1132

Ion Ratio Lower Upper

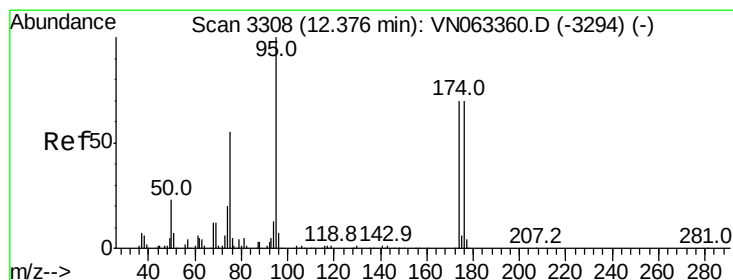
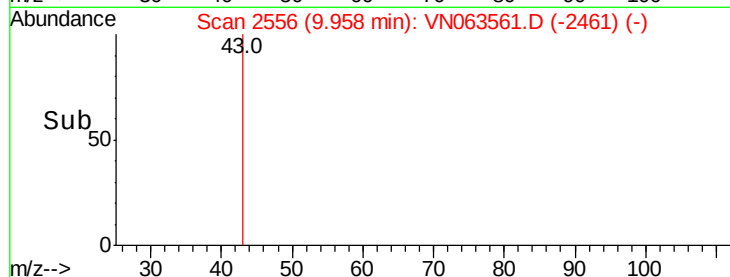
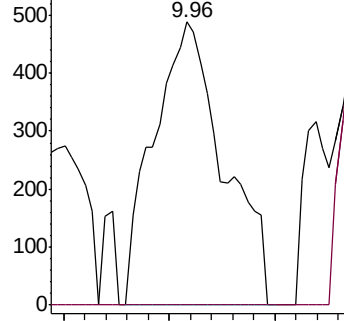
43 100

58 0.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 53.611 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063561.D

Acq: 23 Sep 2020 3:39

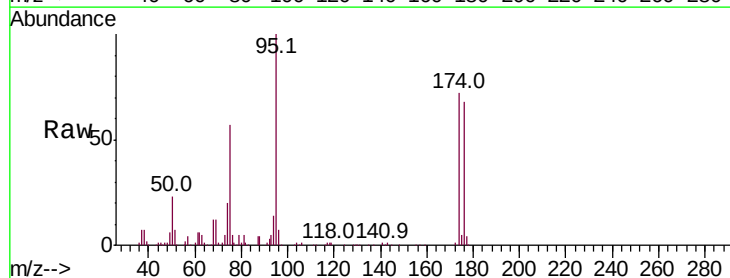
Tgt Ion: 95 Resp: 214356

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

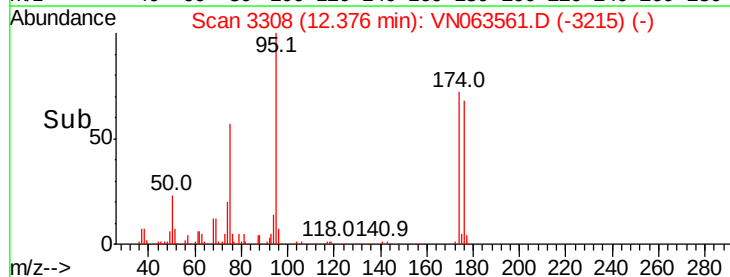
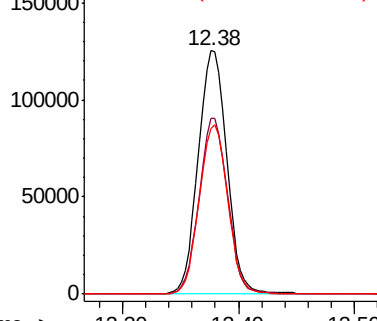
176 69.0 0.0 137.6

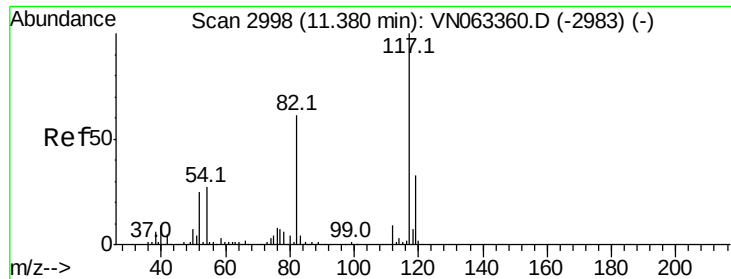


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

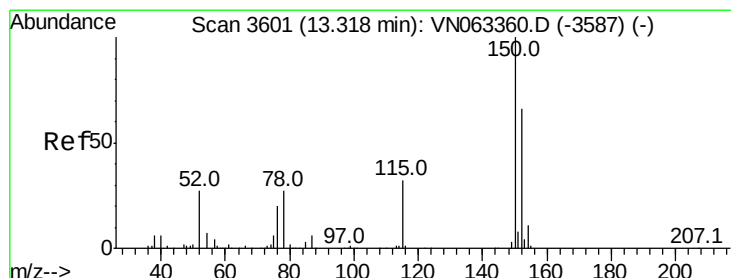
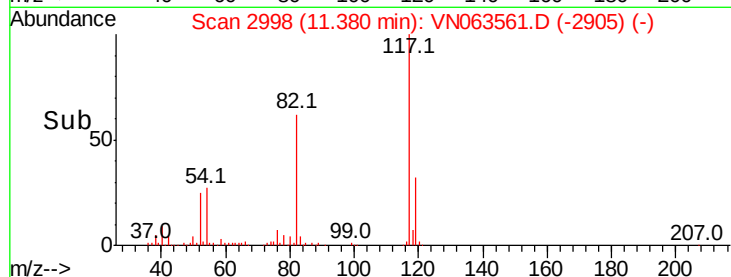
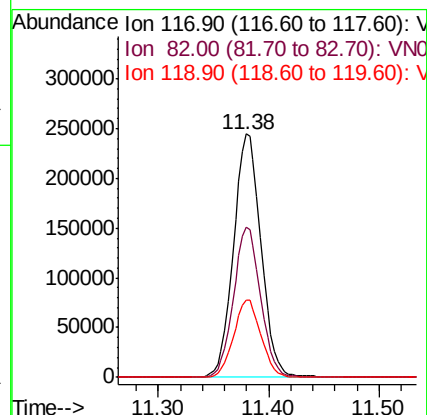
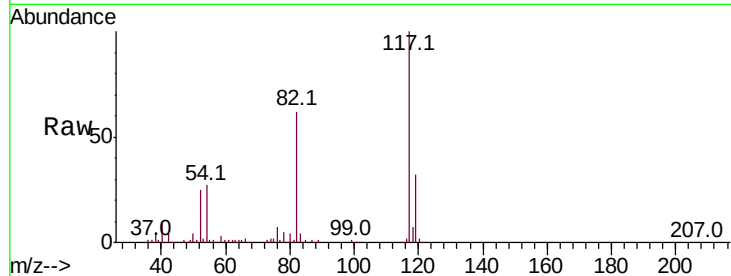




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

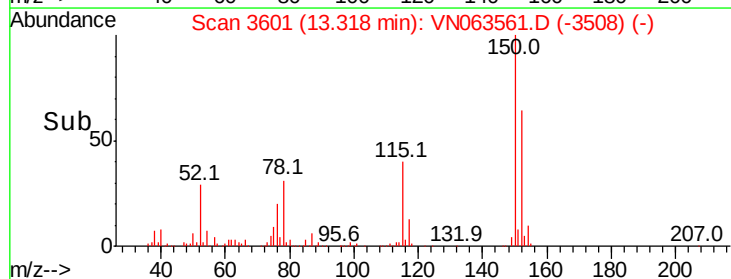
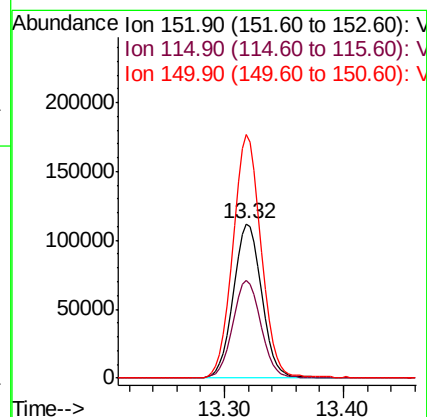
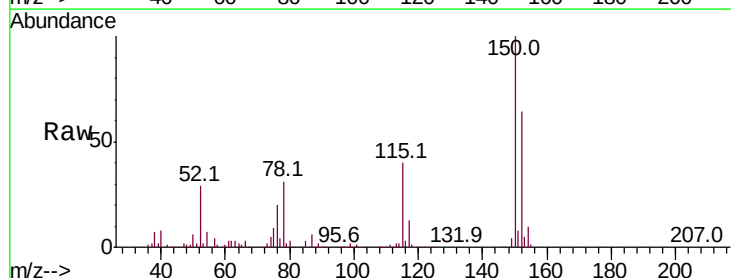
Instrument :
MSVOA_N
ClientSampleId :
BU-02-092120

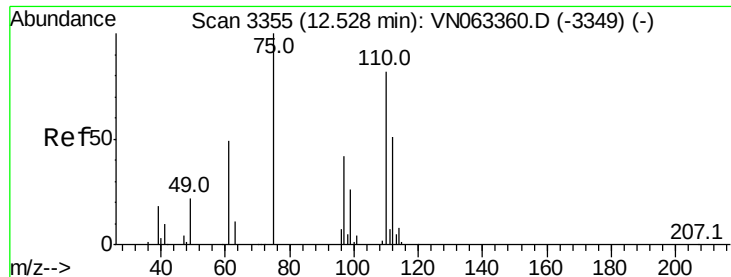
Tot Ion:117 Resp: 423178
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063561.D
Acq: 23 Sep 2020 3:39

Tgt Ion:152 Resp: 185775
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 155.9 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 26.503 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063561.D

Acq: 23 Sep 2020 3:39

Instrument :

MSVOA_N

ClientSampleId :

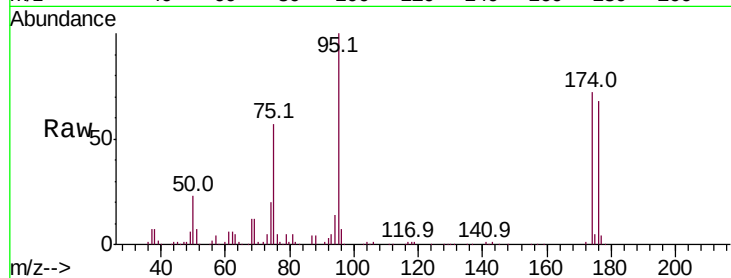
BU-02-092120

Tot Ion: 75 Resp: 121866

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

60000

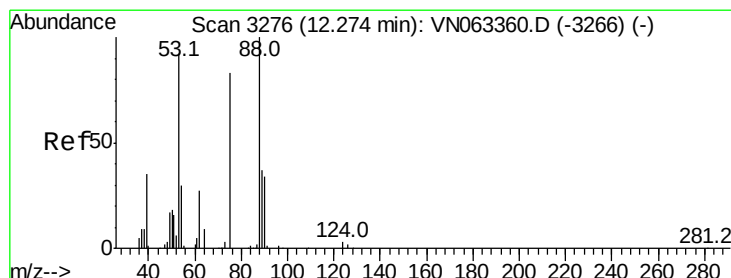
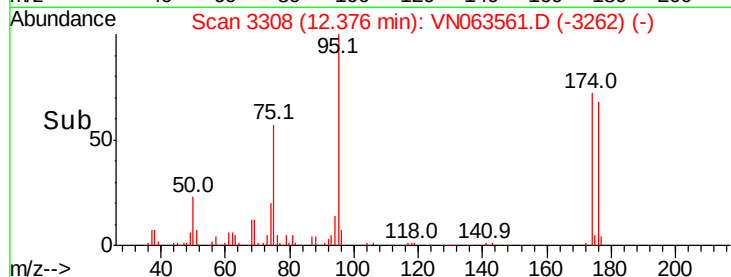
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 72.661 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063561.D

Acq: 23 Sep 2020 3:39

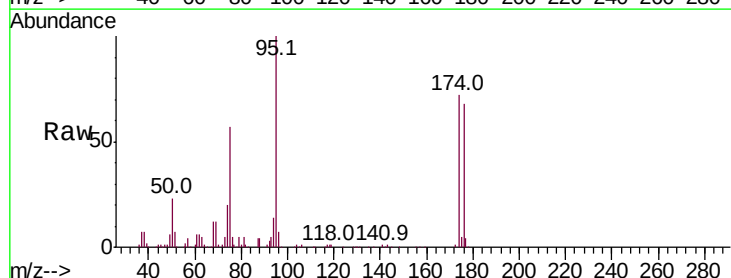
Tgt Ion: 75 Resp: 121866

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.38

80000

60000

40000

20000

0

Time-->

12.30 12.40

