

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082620\
 Data File : VN063130.D
 Acq On : 26 Aug 2020 14:01
 Operator : JC/MD
 Sample : L3774-04 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Quant Time: Aug 26 15:53:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	116491	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	97000	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
35) Dibromofluoromethane	7.55	113	84898	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.06	98	326949	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	116446	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	

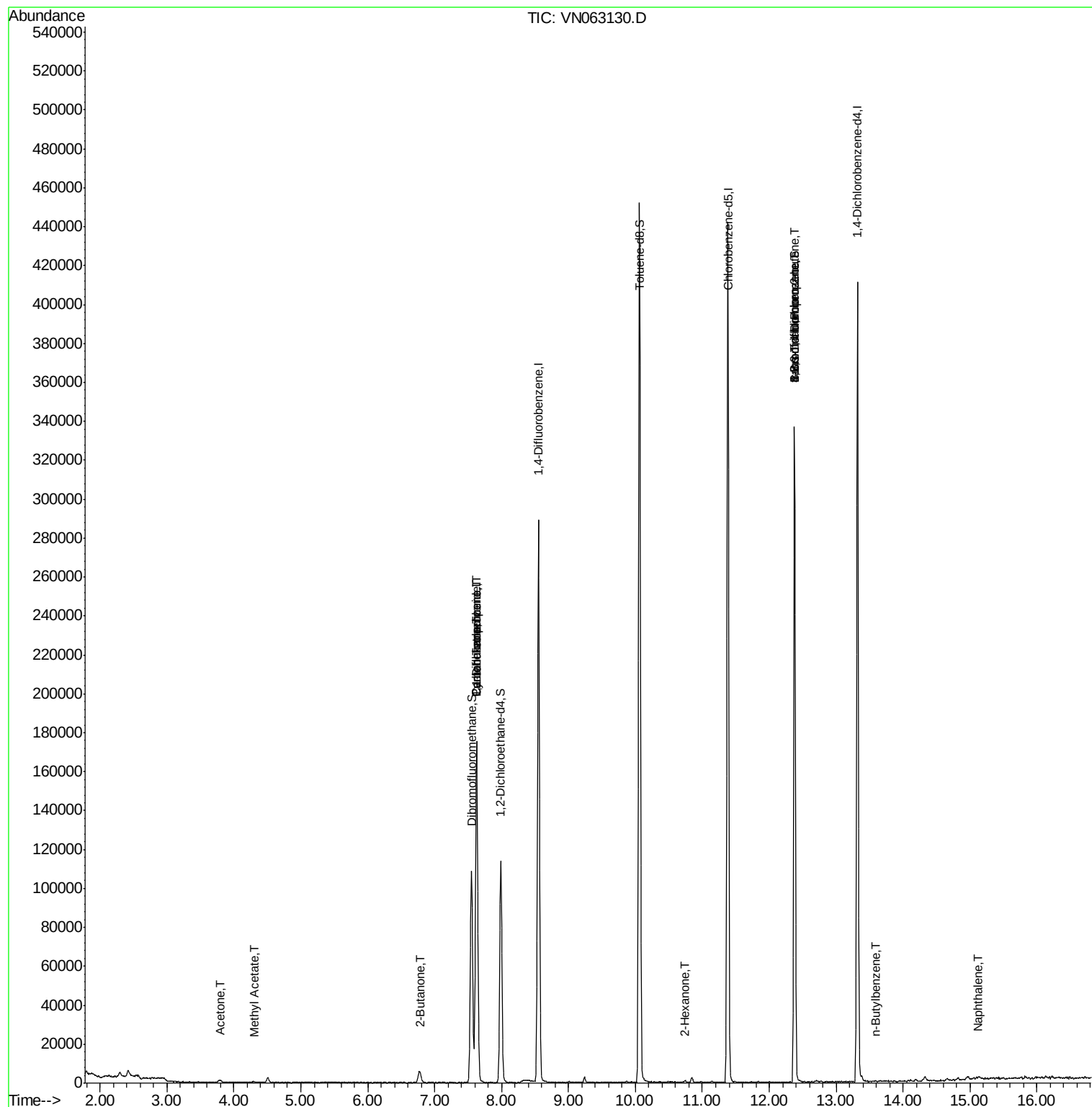
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2581	0.674	ug/l #	85
18) Methyl Acetate	4.30	43	579	0.323	ug/l #	52
20) Methylene Chloride	4.51	84	1860	Below Cal		92
25) 2-Butanone	6.79	43	221	0.231	ug/l #	48
31) Cyclohexane	7.62	56	1366	0.514	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11466	5.003	ug/l #	47
38) Carbon Tetrachloride	7.63	117	13250	5.727	ug/l #	17
59) 2-Hexanone	10.73	43	344	0.219	ug/l #	23
71) Bromoform	12.38	173	961	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	55813	24.649	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55813	67.697	ug/l #	15
89) n-Butylbenzene	13.59	91	117	2.788	ug/l #	34
95) Naphthalene	15.11	128	406	5.720	ug/l #	69

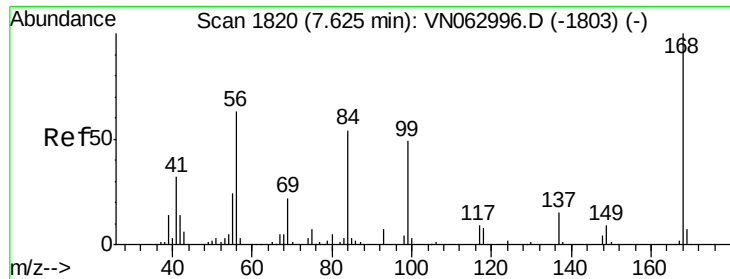
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

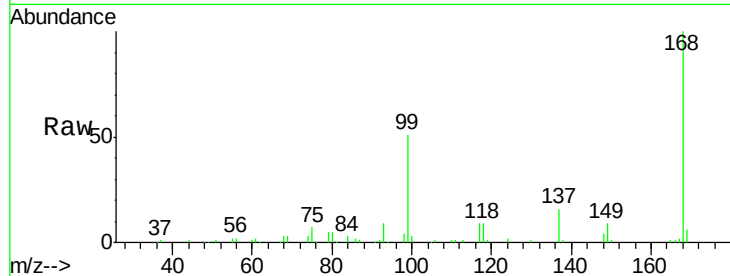
DRUM-2

Tgt Ion:168 Resp: 152265

Ion Ratio Lower Upper

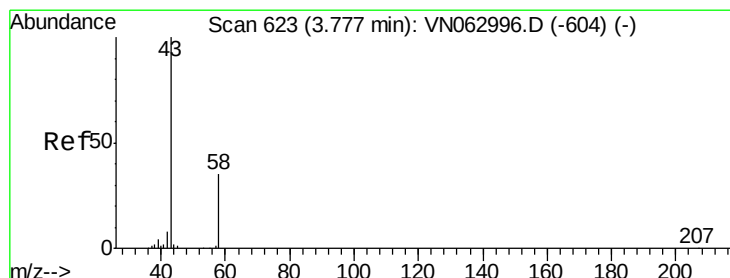
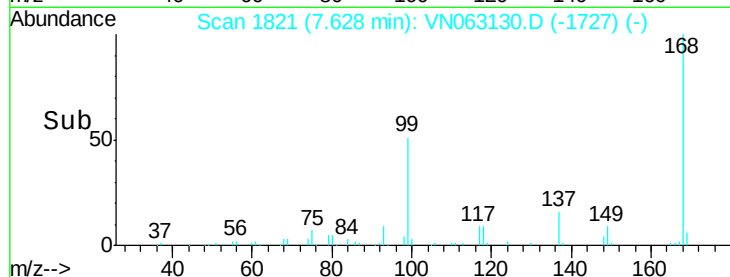
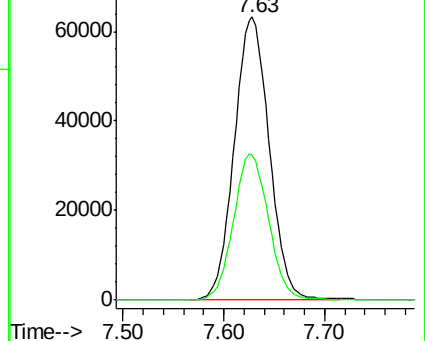
168 100

99 51.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.674 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063130.D

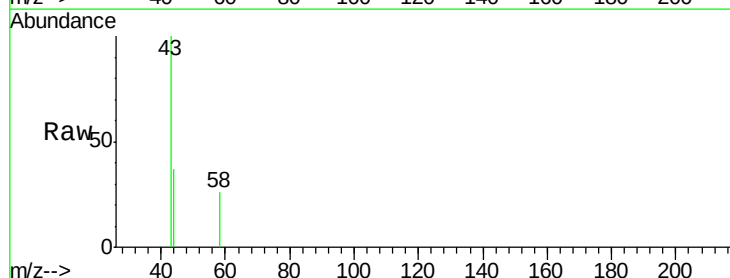
Acq: 26 Aug 2020 14:01

Tgt Ion: 43 Resp: 2581

Ion Ratio Lower Upper

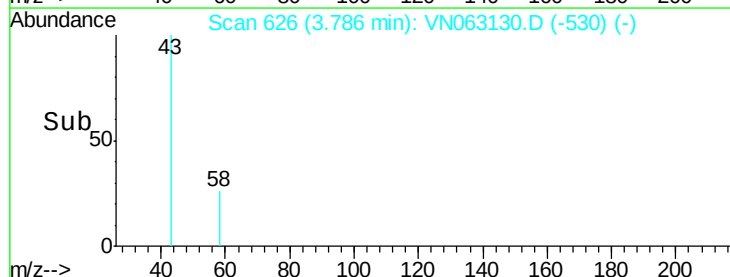
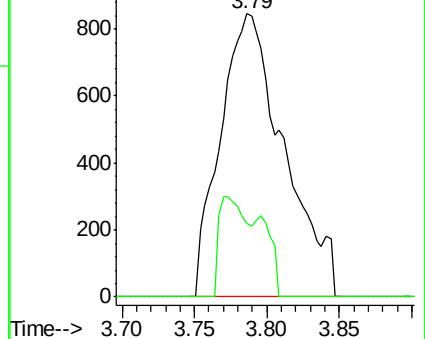
43 100

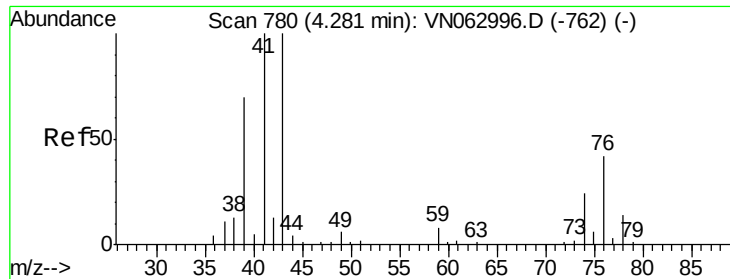
58 25.8 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

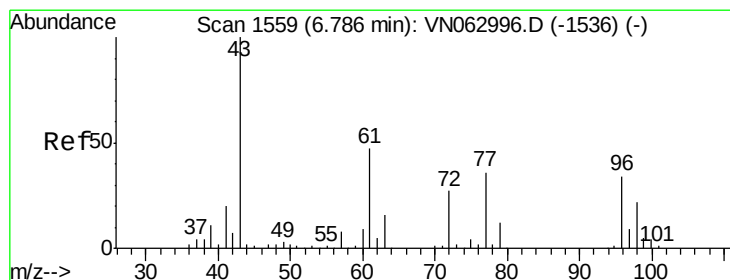
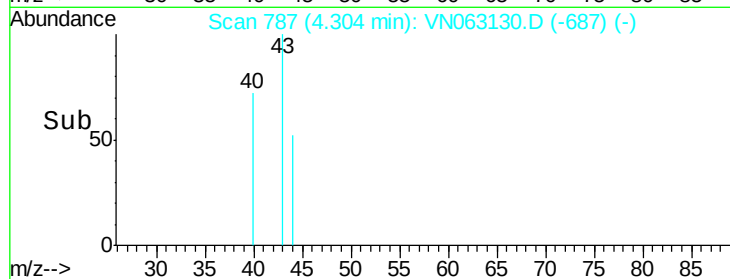
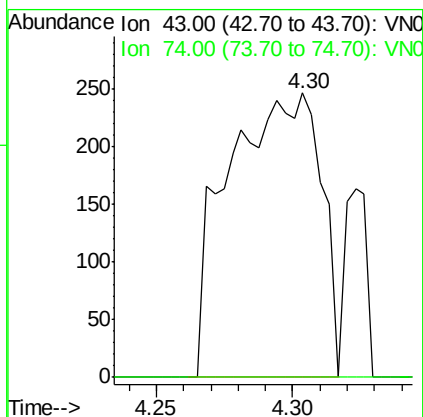
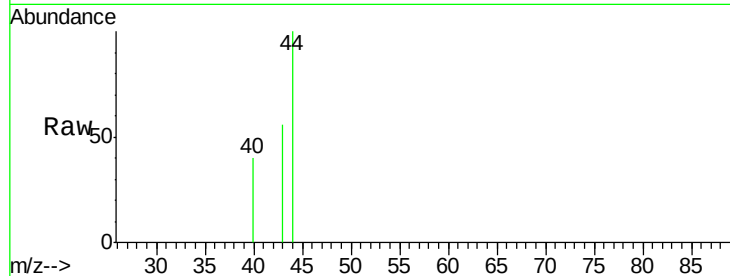




#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.02 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

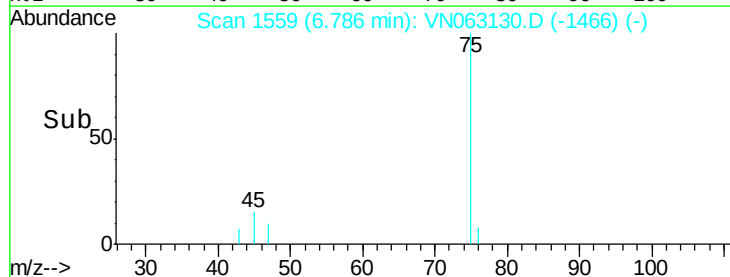
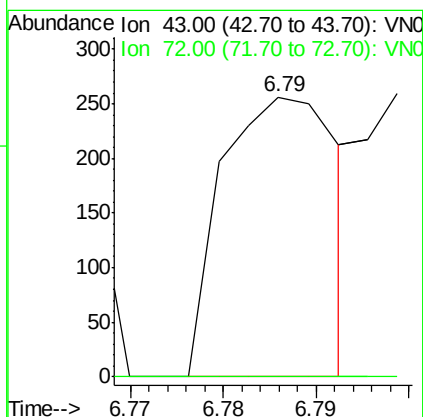
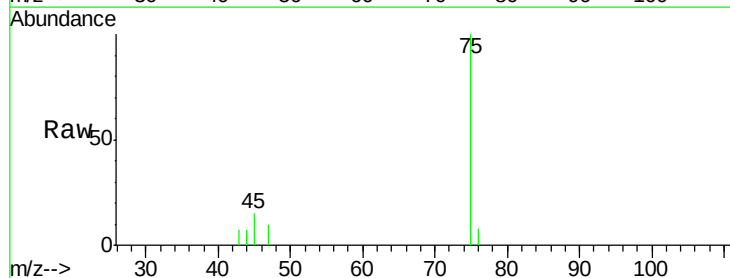
Instrument :
MSVOA_N
ClientSampled :
DRUM-2

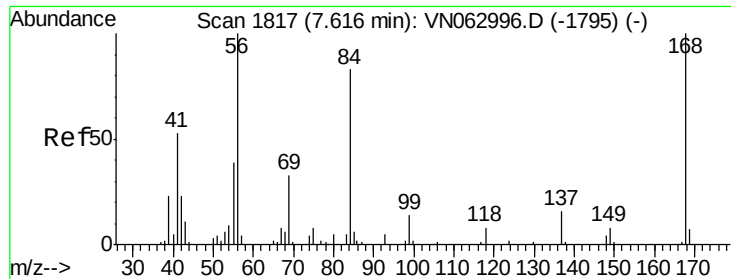
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#25
2-Butanone
Concen: 0.231 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#

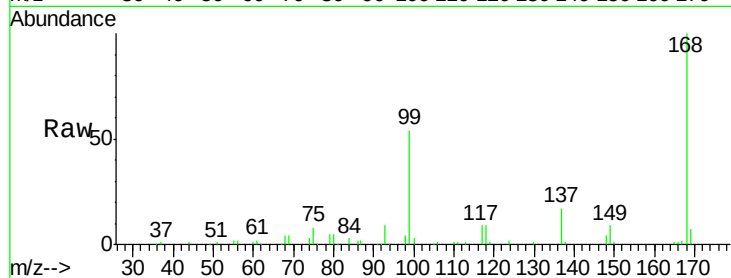




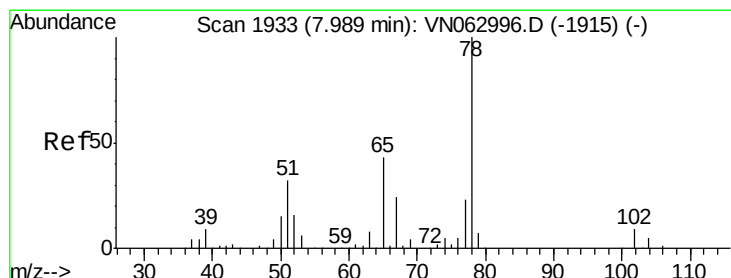
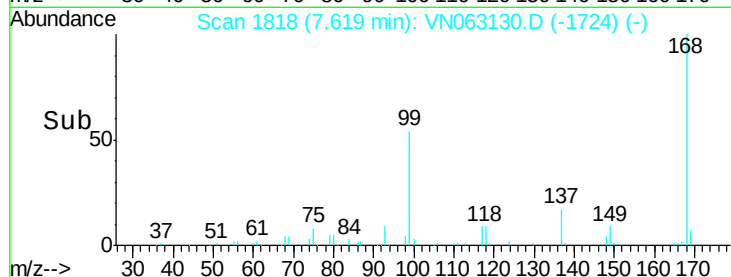
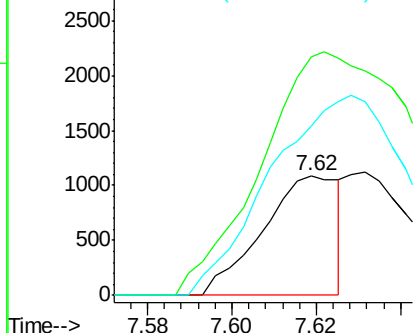
#31
Cyclohexane
Concen: 0.514 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

Instrument :
MSVOA_N
ClientSampled :
DRUM-2

Tgt Ion: 56 Resp: 1366
Ion Ratio Lower Upper
56 100
69 181.5 26.6 40.0#
84 141.5 66.4 99.6#

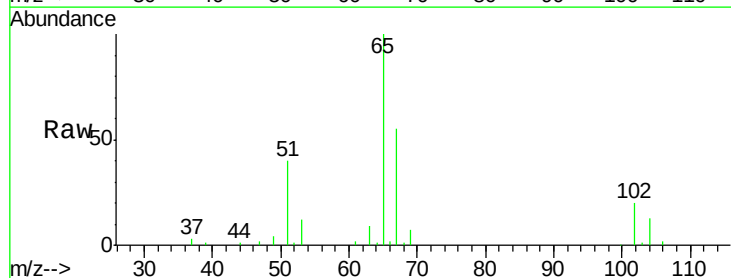


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

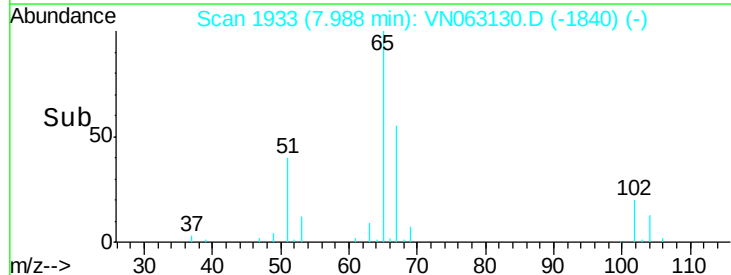
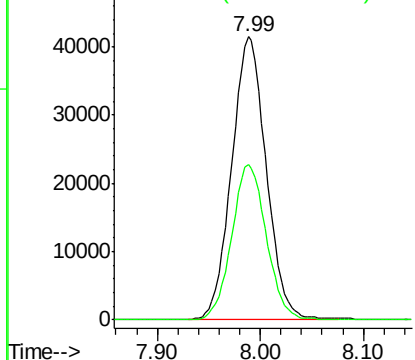


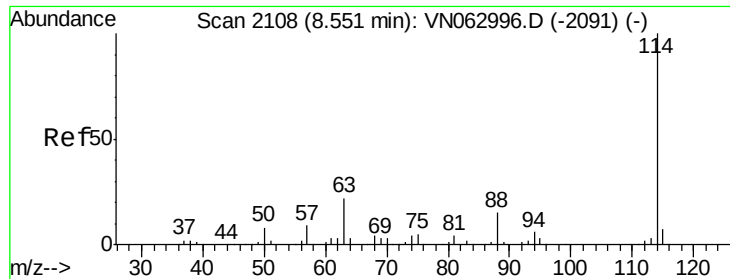
#33
1,2-Dichloroethane-d4
Concen: 53.751 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 65 Resp: 97000
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.0



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

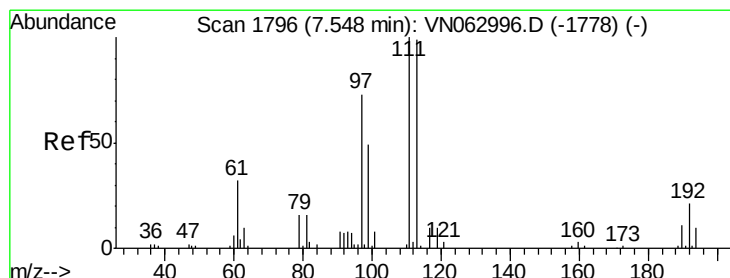
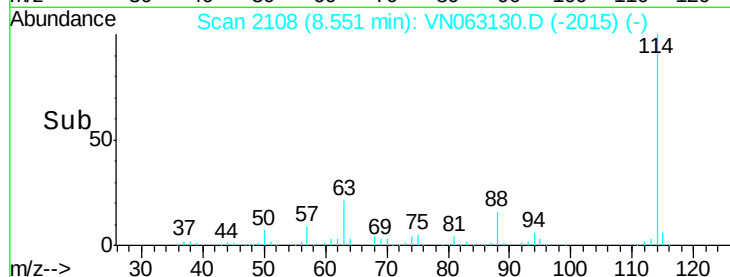
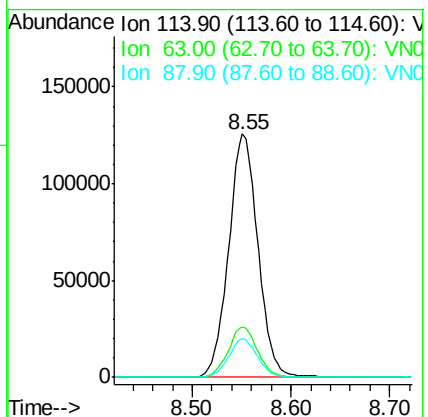
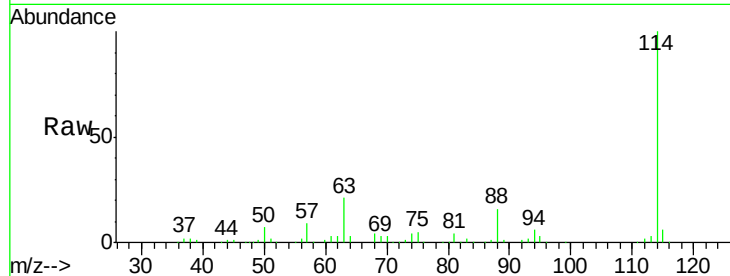




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063130.D
 Acq: 26 Aug 2020 14:01

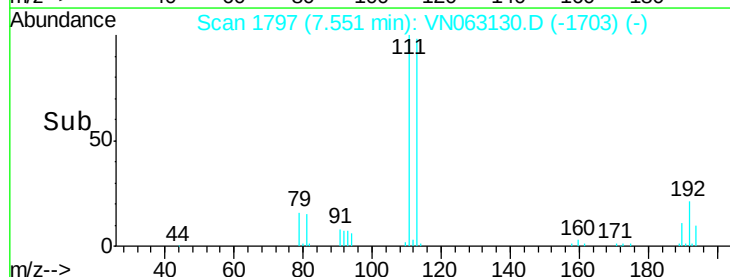
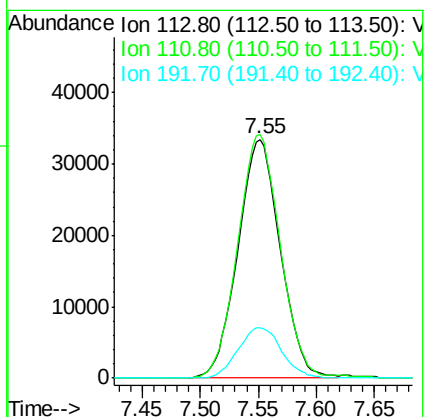
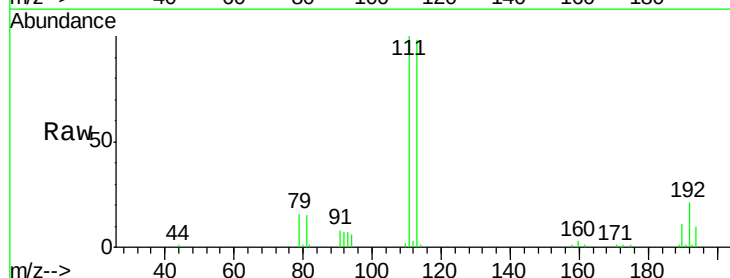
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

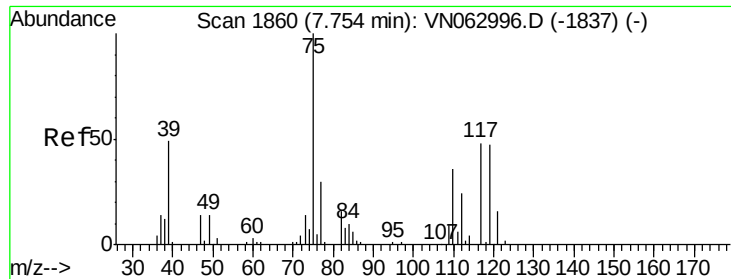
Tgt Ion:114 Resp: 260048
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 16.0 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 50.103 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063130.D
 Acq: 26 Aug 2020 14:01

Tgt Ion:113 Resp: 84898
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 21.7 17.5 26.3

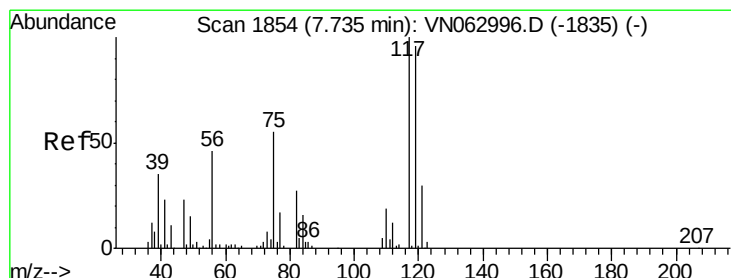
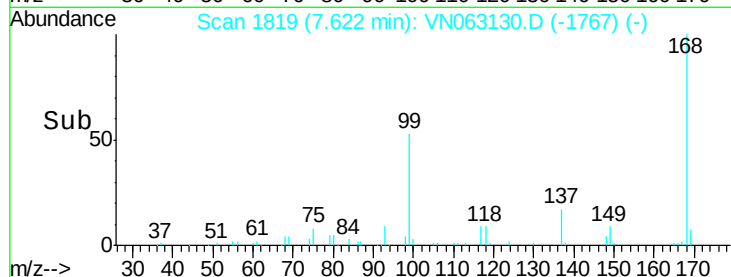
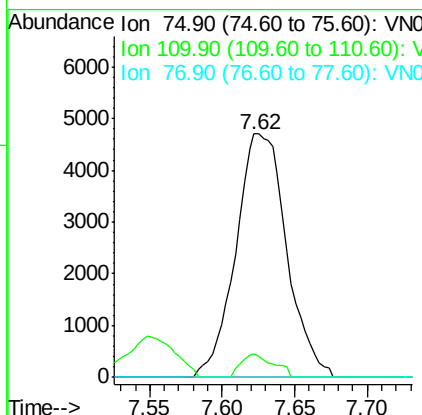
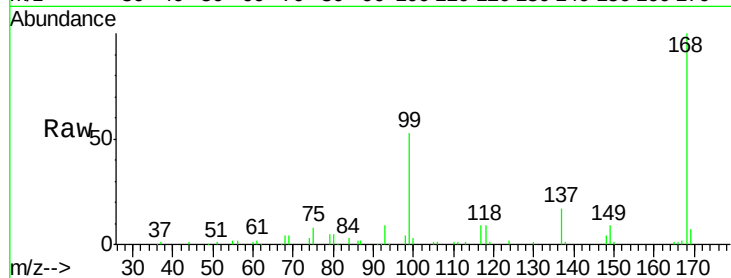




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN063130.D
 Acq: 26 Aug 2020 14:01

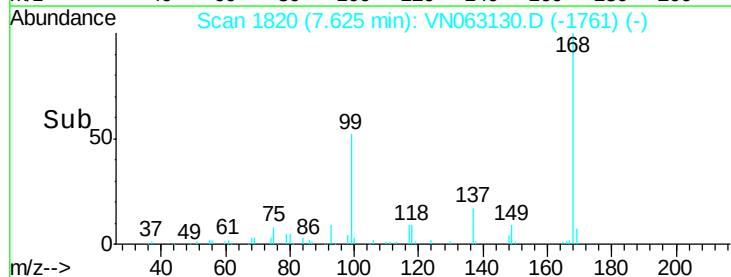
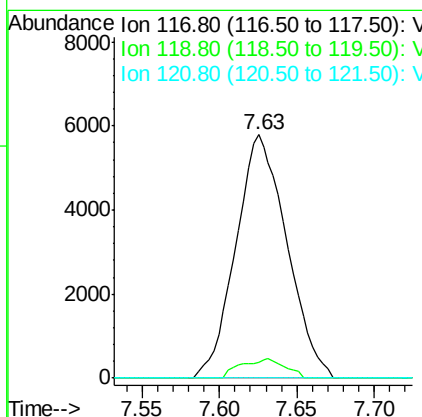
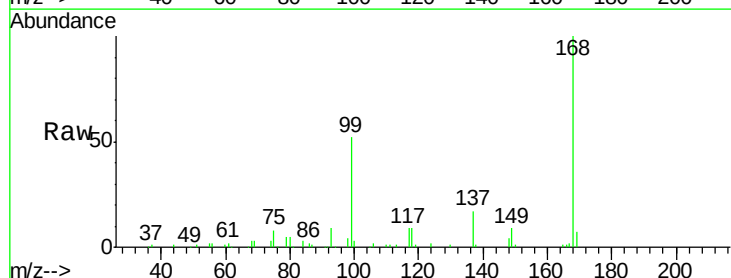
Instrument :
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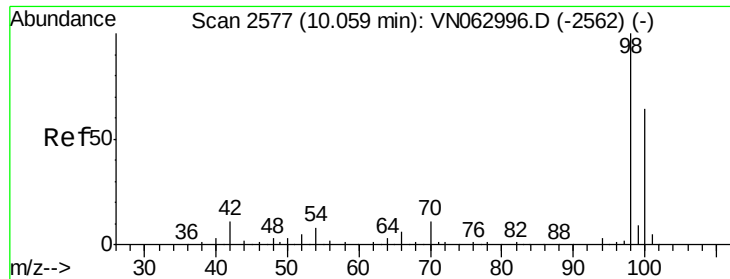
Tgt Ion: 75 Resp: 11466
 Ion Ratio Lower Upper
 75 100
 110 6.0 17.5 52.6#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.727 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN063130.D
 Acq: 26 Aug 2020 14:01

Tgt Ion: 117 Resp: 13250
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.2 114.4#
 121 0.0 24.2 36.2#

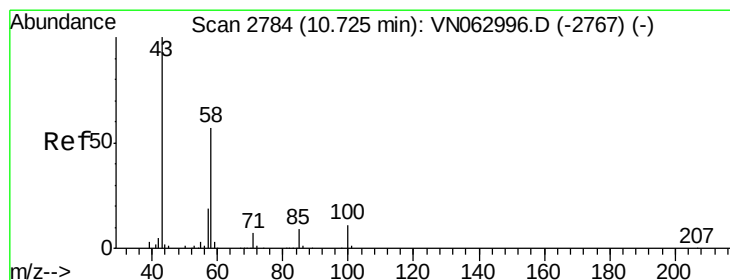
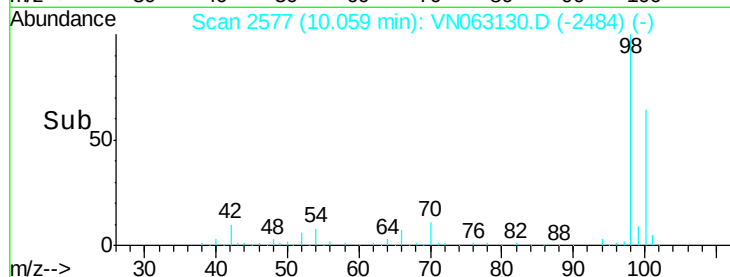
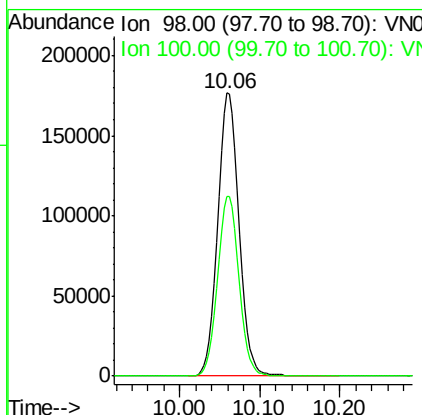
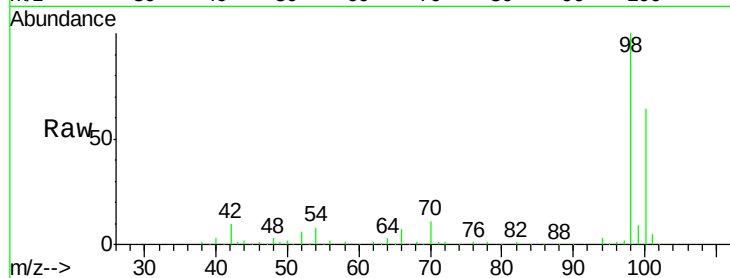




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

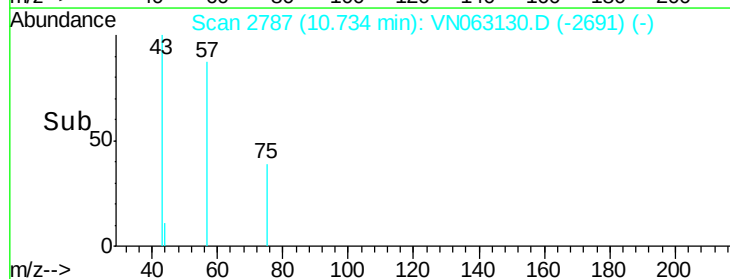
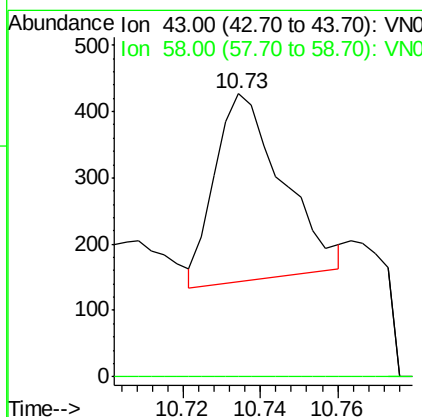
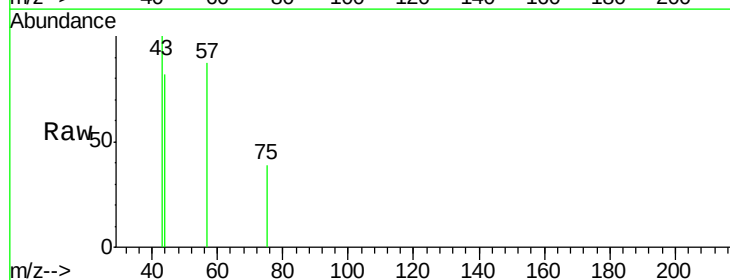
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MSVOA_N
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DRUM-2

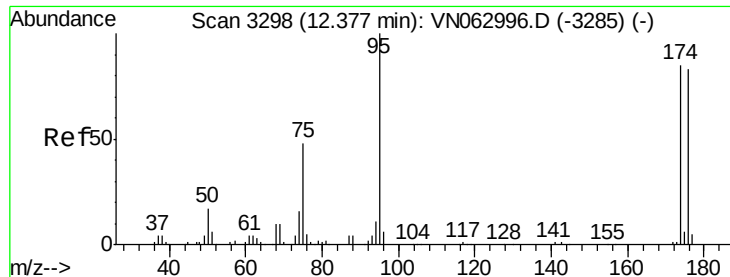
Tgt Ion: 98 Resp: 326949
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#59
2-Hexanone
Concen: 0.219 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.01 min
Lab File: VN063130.D
Acq: 26 Aug 2020 14:01

Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: 50.700 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

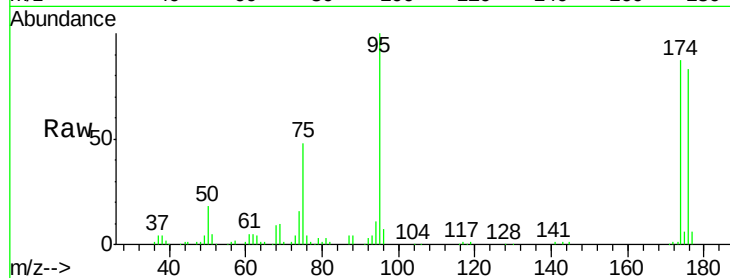
Tgt Ion: 95 Resp: 116446

Ion Ratio Lower Upper

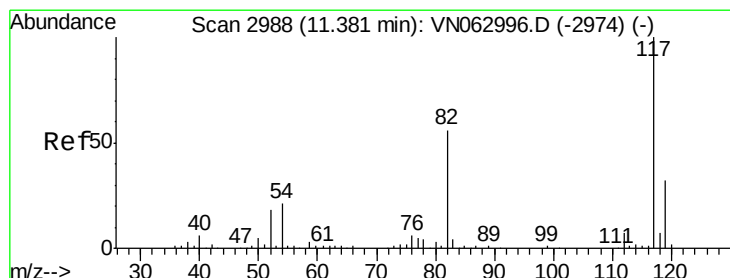
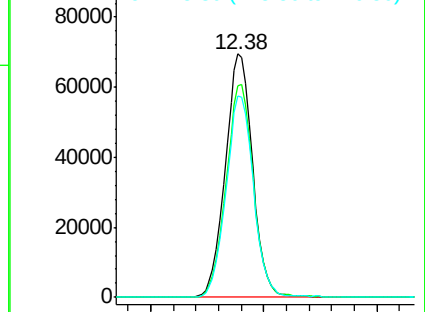
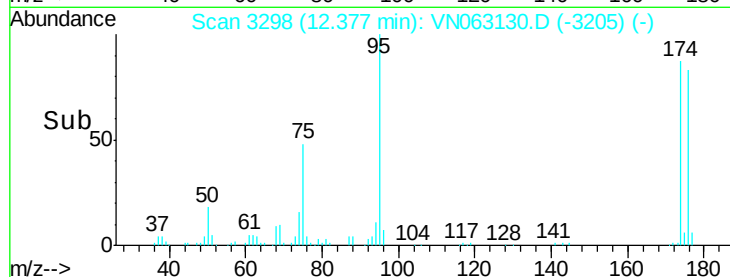
95 100

174 88.0 0.0 170.8

176 83.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063130.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

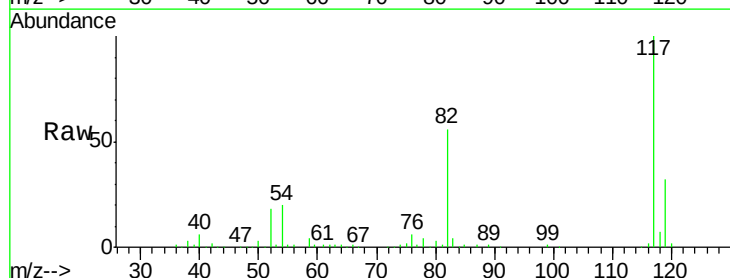
Tgt Ion: 117 Resp: 263113

Ion Ratio Lower Upper

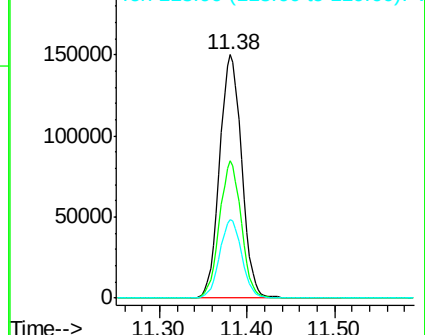
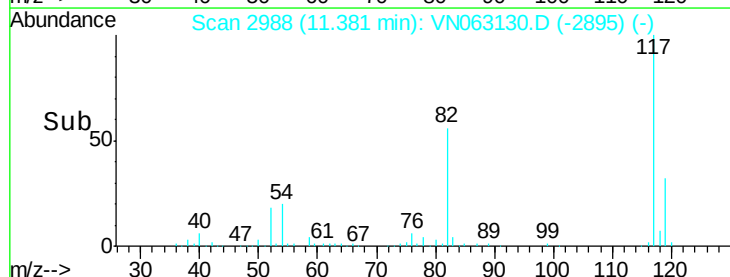
117 100

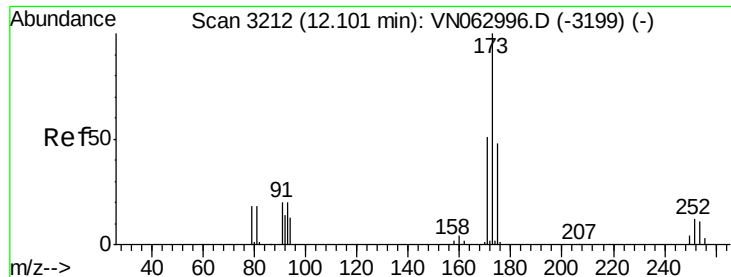
82 56.4 44.5 66.7

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN063130.D (-2895) (-)





#71

Bromoform

Concen: 0.587 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

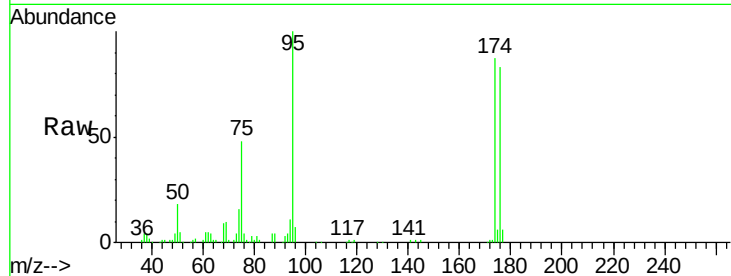
Tgt Ion:173 Resp: 961

Ion Ratio Lower Upper

173 100

175 625.6 24.3 72.8#

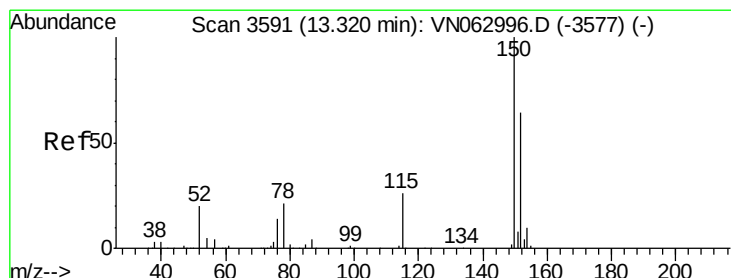
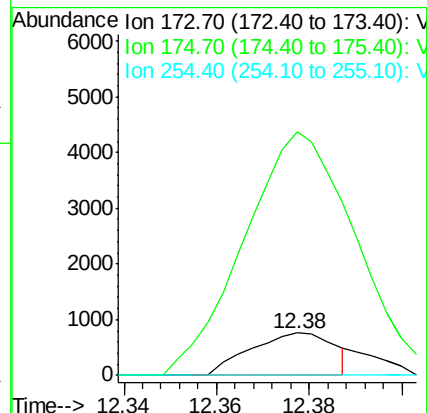
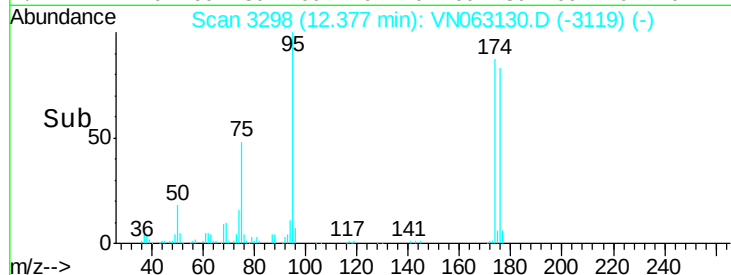
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

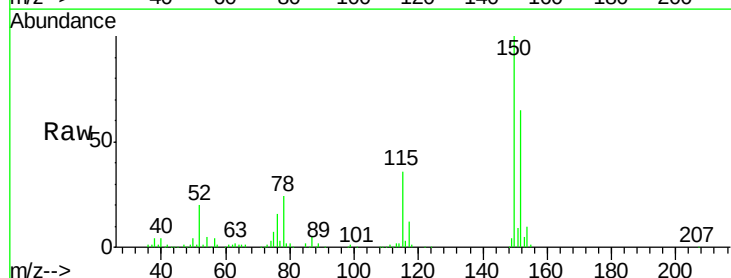
Tgt Ion:152 Resp: 116491

Ion Ratio Lower Upper

152 100

115 57.5 28.7 86.3

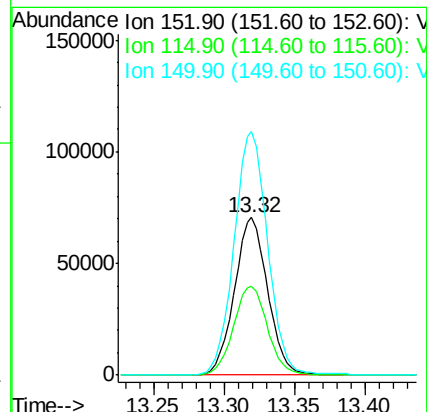
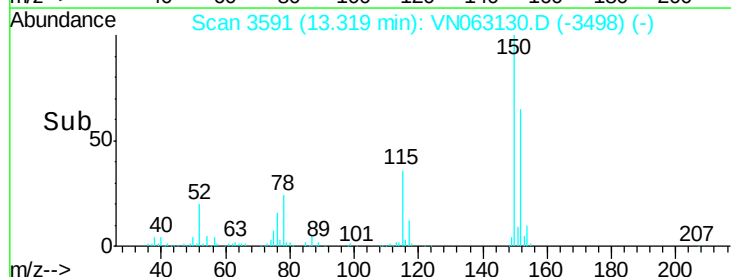
150 156.8 0.0 348.8

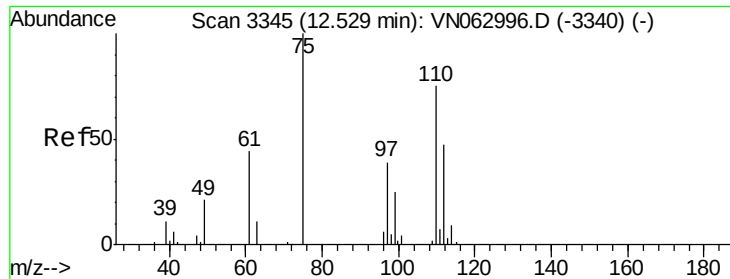


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.649 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Instrument :

MSVOA_N

ClientSampled :

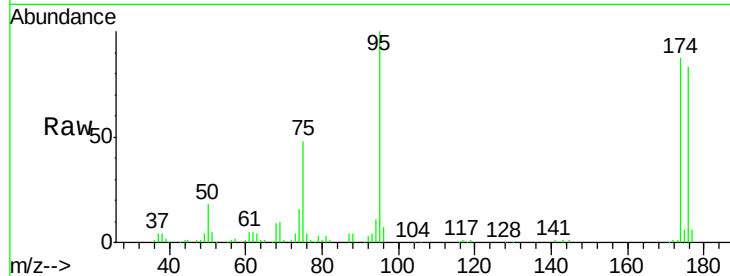
DRUM-2

Tgt Ion: 75 Resp: 55813

Ion Ratio Lower Upper

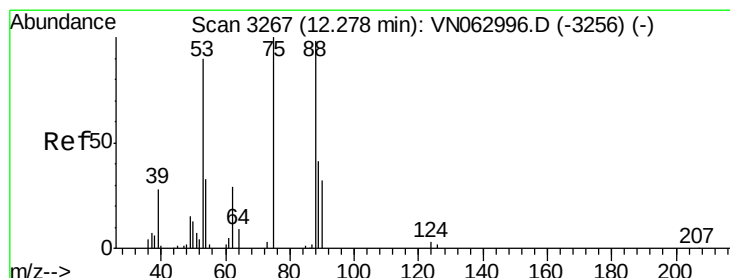
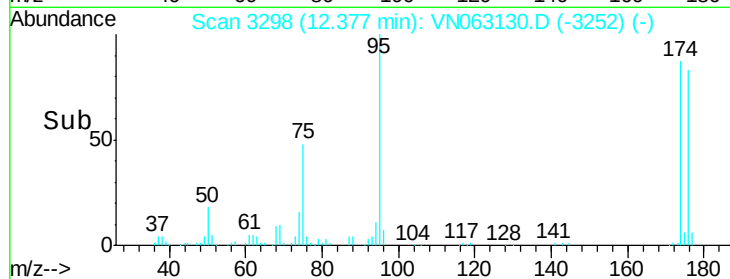
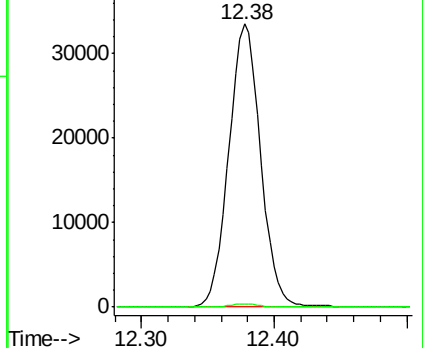
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.697 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

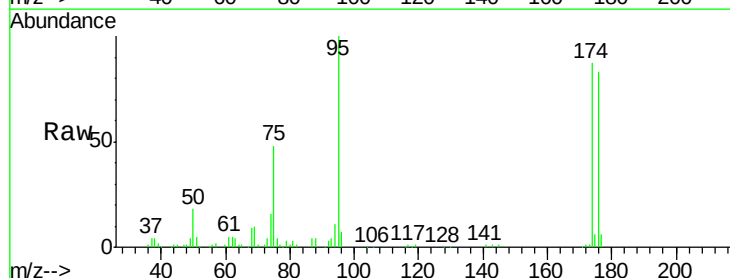
Tgt Ion: 75 Resp: 55813

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

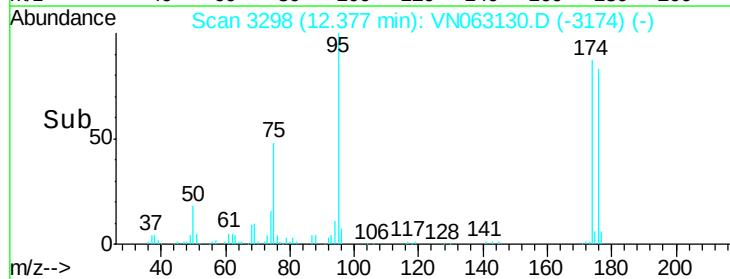
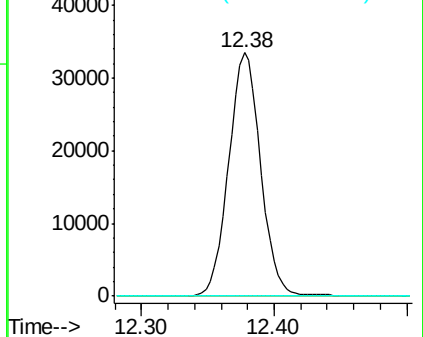
89 0.0 34.2 51.4#

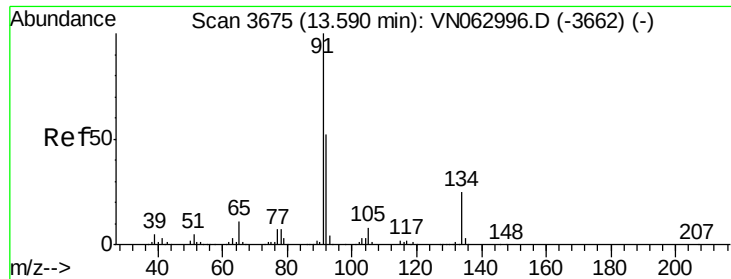


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#89

n-Butylbenzene

Concen: 2.788 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

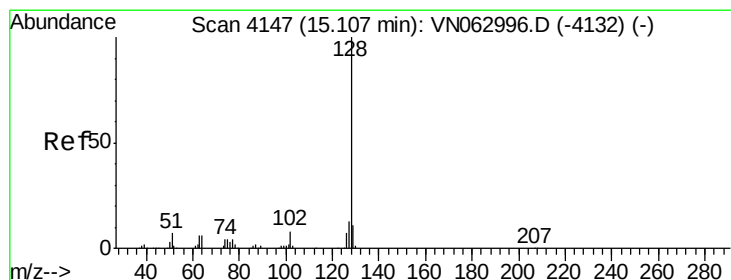
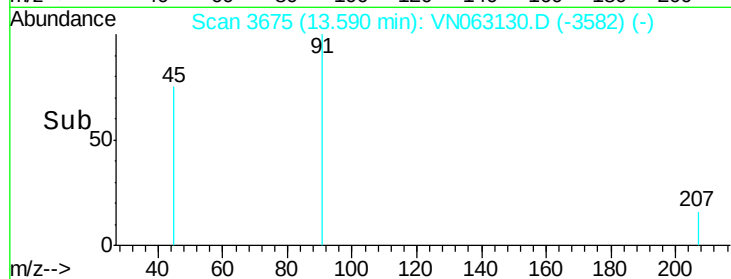
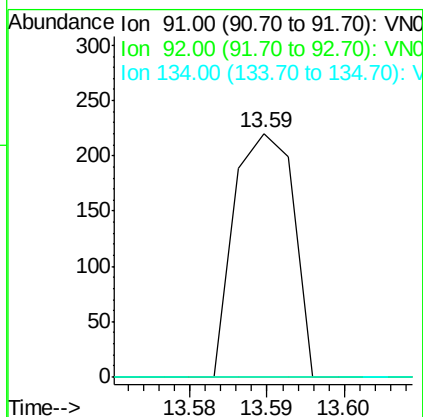
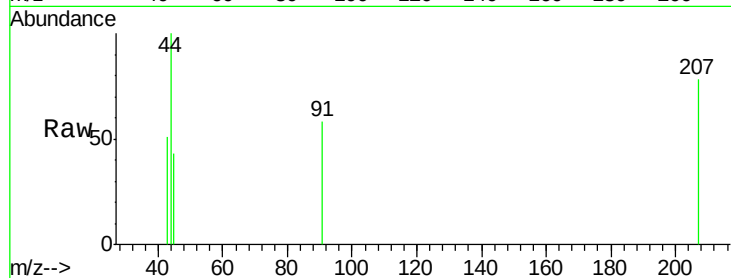
Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

Tgt Ion:	91	Resp:	117
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.9	77.6#
134	0.0	12.4	37.0#



#95

Naphthalene

Concen: 5.720 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN063130.D

Acq: 26 Aug 2020 14:01

Tgt Ion:	128	Resp:	406
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.9	13.3#

