

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062627.D
 Acq On : 28 Jul 2020 11:55
 Operator : JC/MD
 Sample : VN0728MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

Quant Time: Jul 28 16:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	167982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119286	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	141903	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	
35) Dibromofluoromethane	7.55	113	99987	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.06	98	389220	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	148697	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	

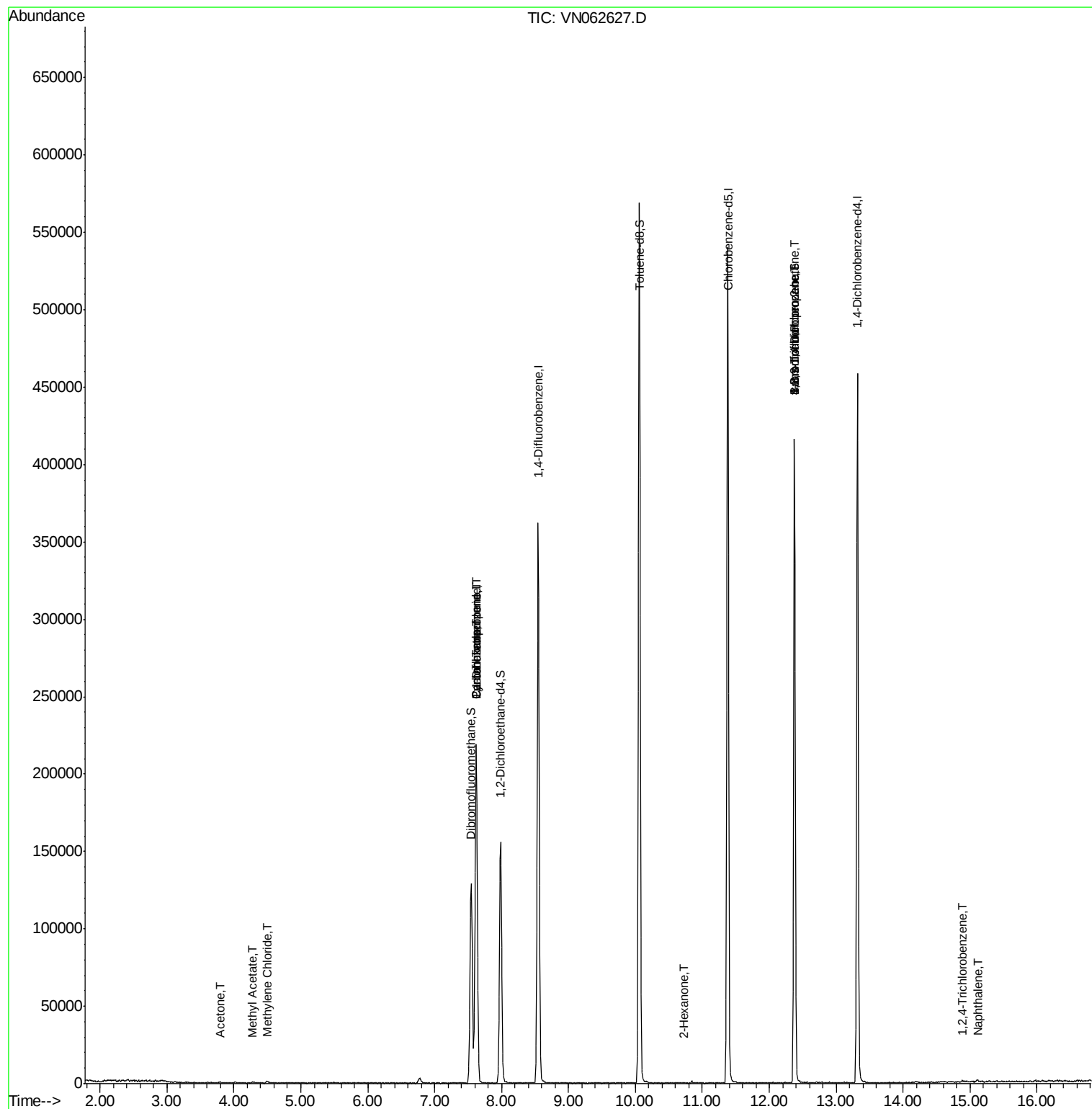
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	676	0.688	ug/l #	44
18) Methyl Acetate	4.28	43	511	0.206	ug/l #	56
20) Methylene Chloride	4.50	84	719	0.305	ug/l #	40
31) Cyclohexane	7.62	56	4070	1.058	ug/l #	5
36) 1,1-Dichloropropene	7.62	75	15115	4.728	ug/l #	50
38) Carbon Tetrachloride	7.62	117	18002	5.858	ug/l #	16
59) 2-Hexanone	10.73	43	539	3.166	ug/l #	43
71) Bromoform	12.38	173	1143	0.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	81453	26.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	81453	74.680	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.89	180	240	3.216	ug/l #	61
95) Naphthalene	15.11	128	1842	4.082	ug/l #	77

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

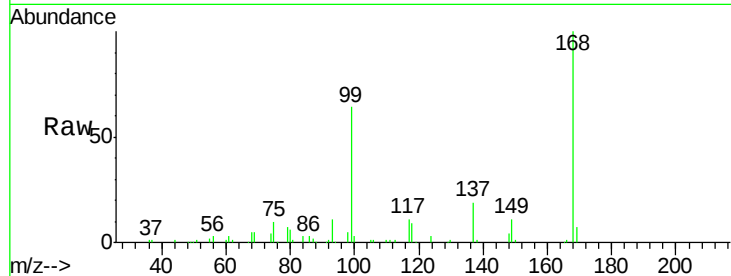
VN0728MBL01

Tgt Ion:168 Resp: 167982

Ion Ratio Lower Upper

168 100

99 64.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

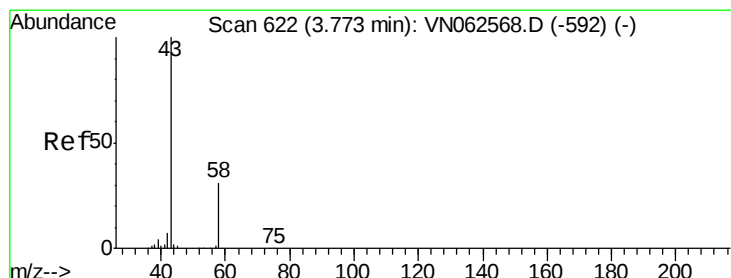
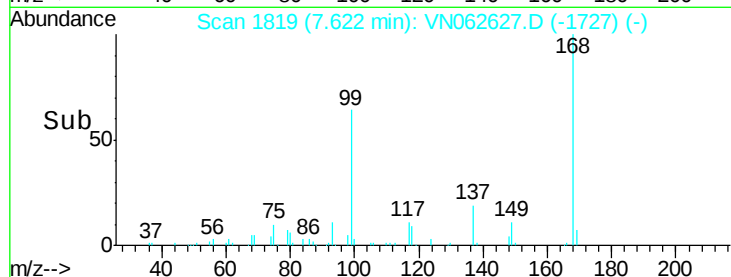
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.688 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062627.D

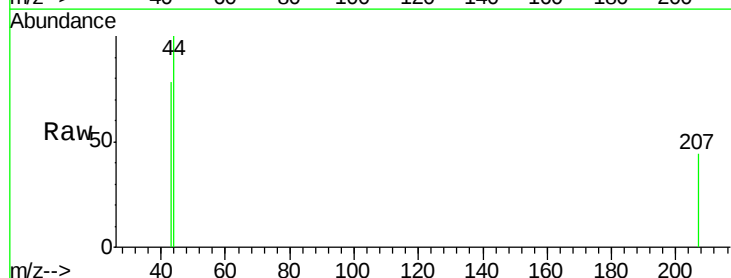
Acq: 28 Jul 2020 11:55

Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

400

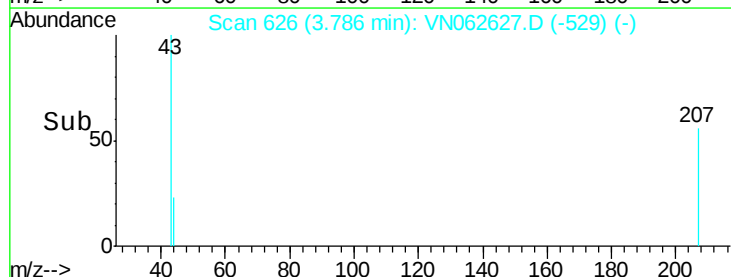
300

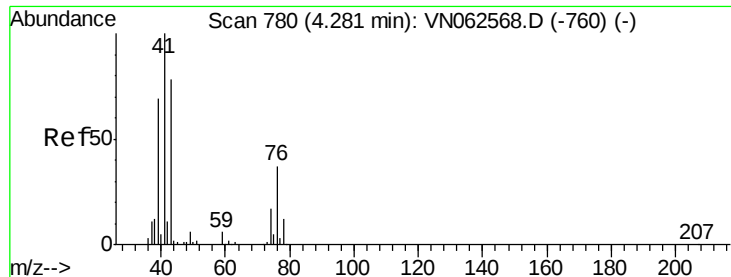
200

100

0

Time--> 3.74 3.76 3.78 3.80

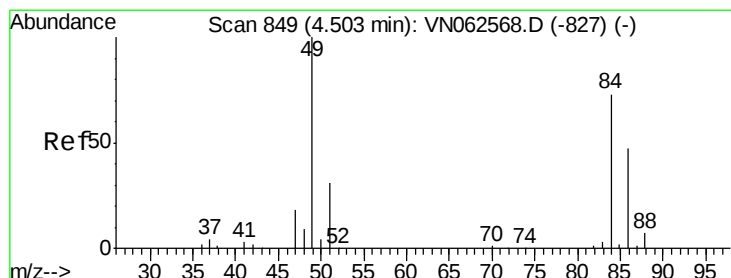
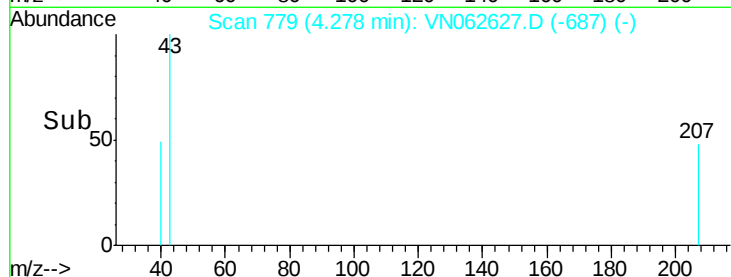
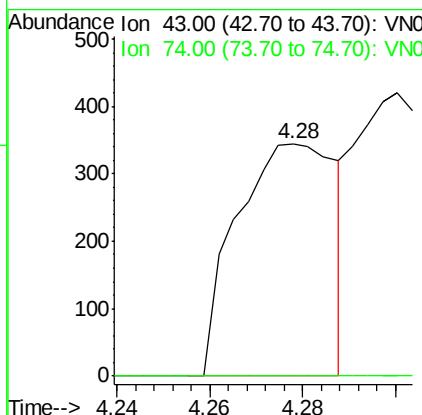
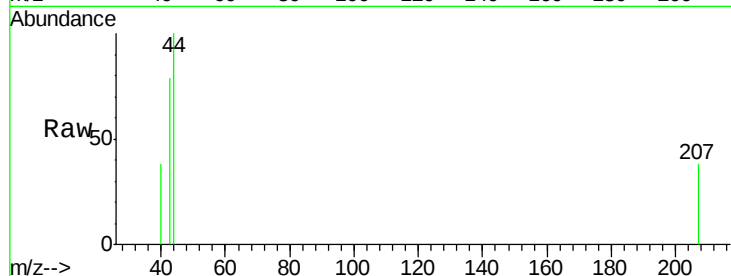




#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

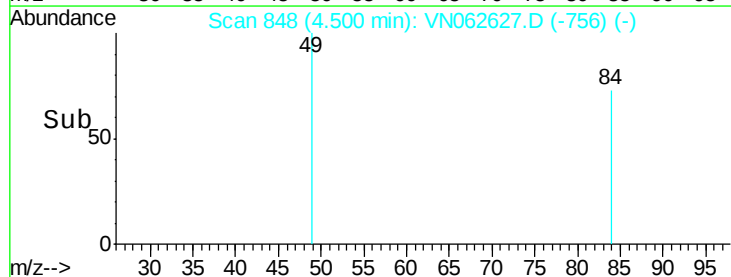
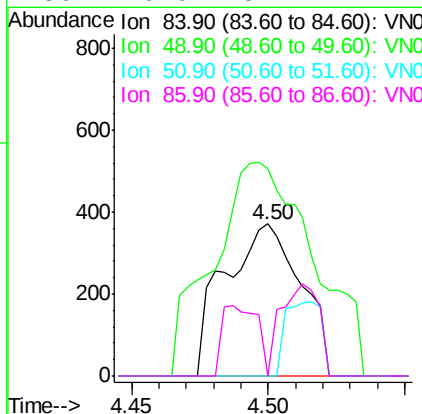
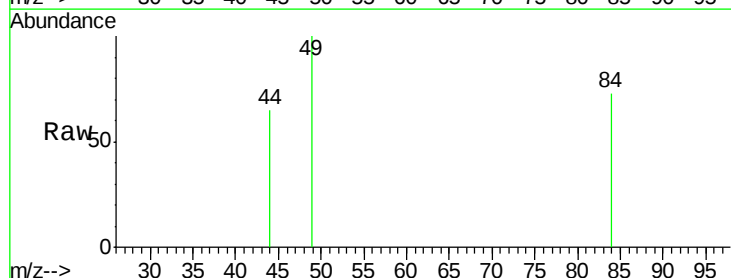
Instrument :
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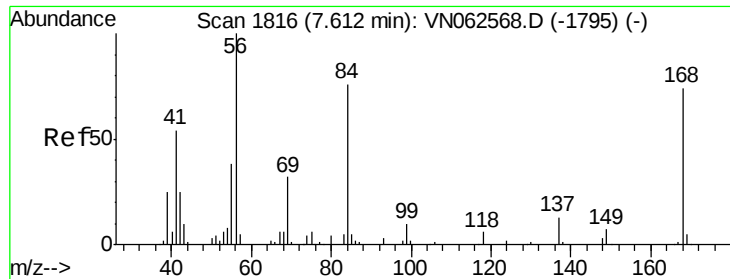
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

Tgt Ion: 84 Resp: 719
Ion Ratio Lower Upper
84 100
49 80.1 109.4 164.0#
51 0.0 33.6 50.4#
86 0.0 51.4 77.2#

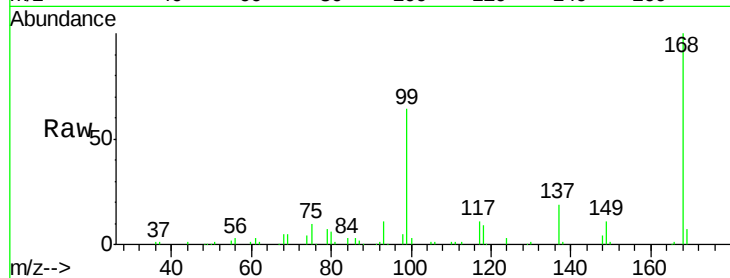




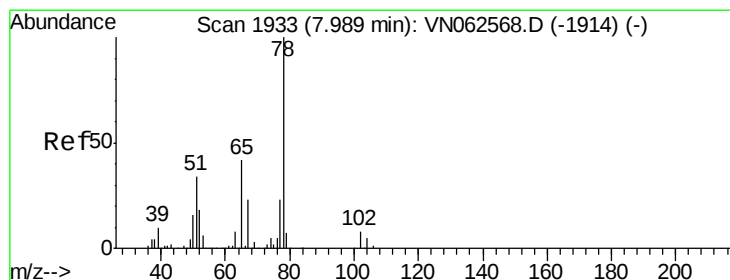
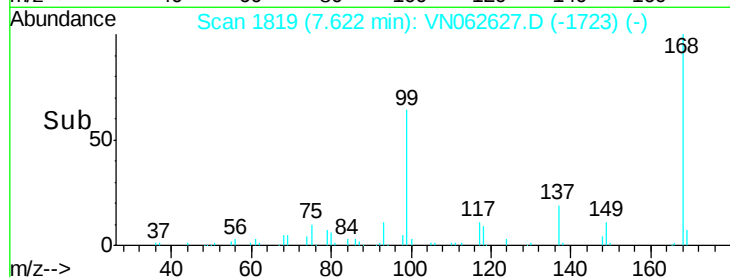
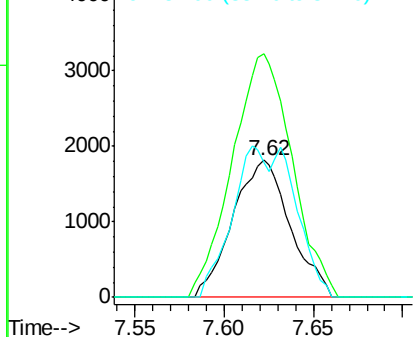
#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
69 177.9 25.3 37.9#
84 98.1 61.0 91.4#

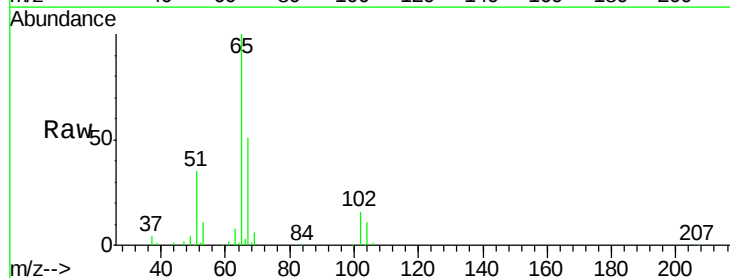


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

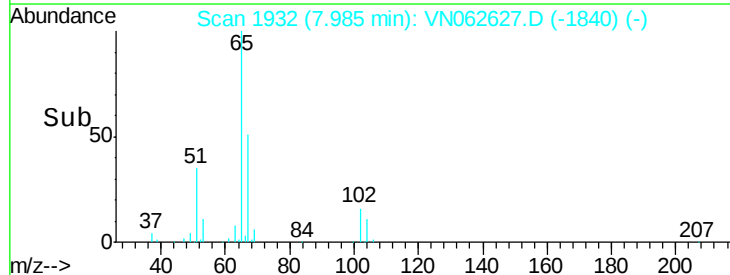
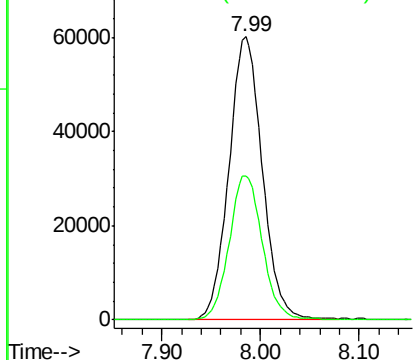


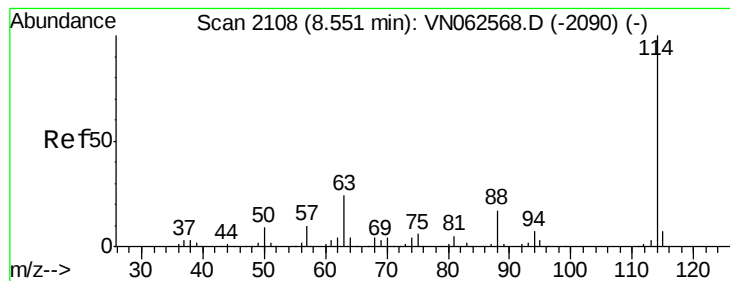
#33
1,2-Dichloroethane-d4
Concen: 54.379 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

Tgt Ion: 65 Resp: 141903
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.0



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# 2107

Delta R.T. -0.00 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01

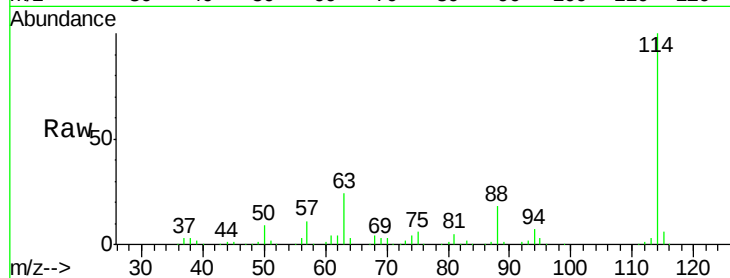
Tgt Ion:114 Resp: 299915

Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.4

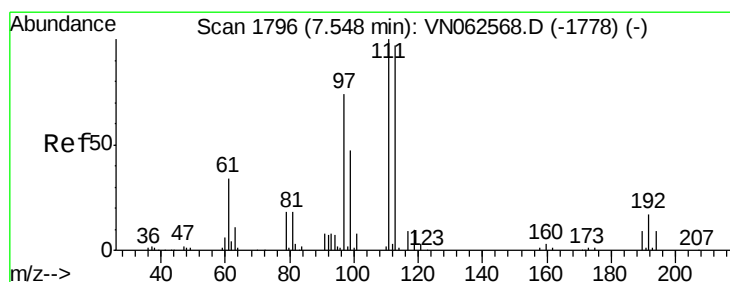
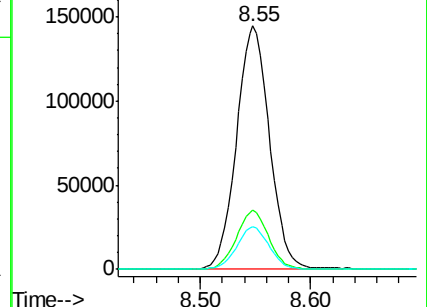
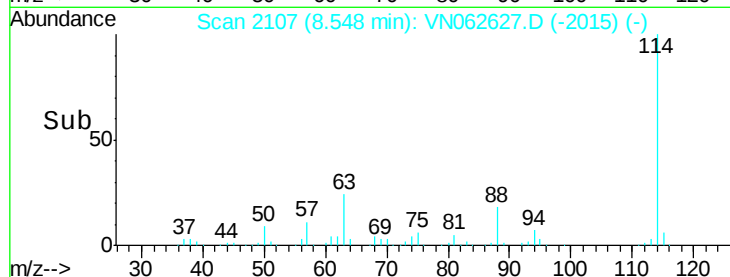
88 17.6 0.0 33.8



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: 50.754 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

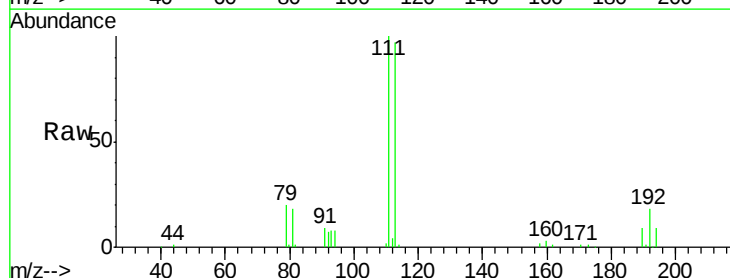
Tgt Ion:113 Resp: 99987

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

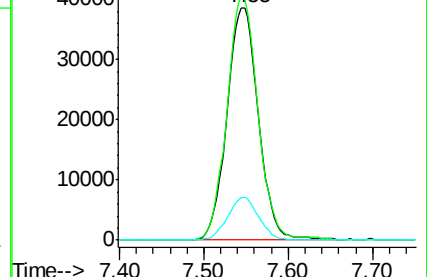
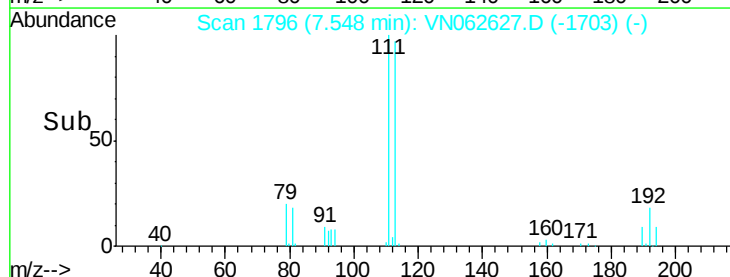
192 18.1 14.8 22.2

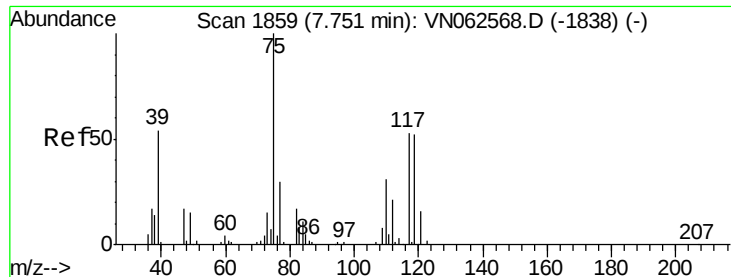


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

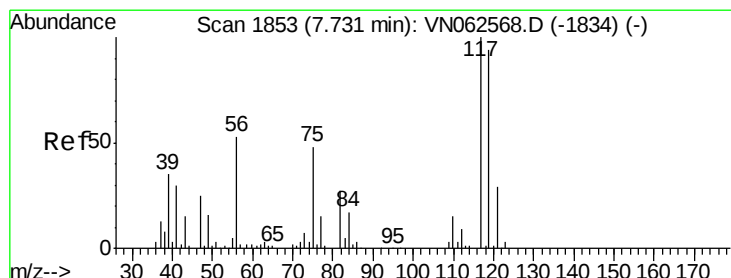
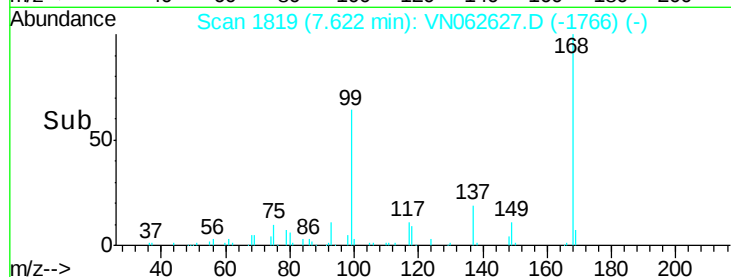
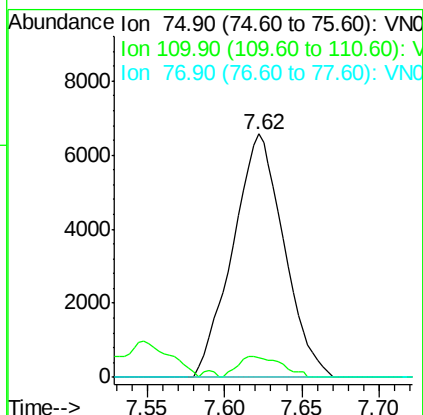
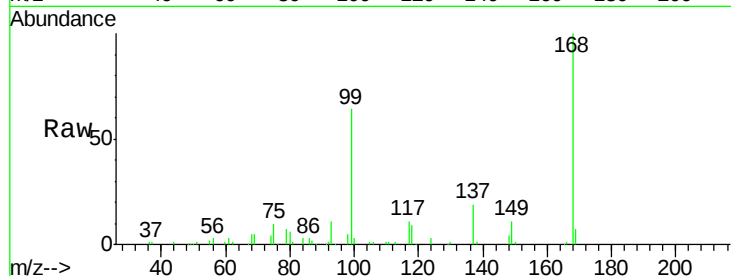




#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062627.D
 Acq: 28 Jul 2020 11:55

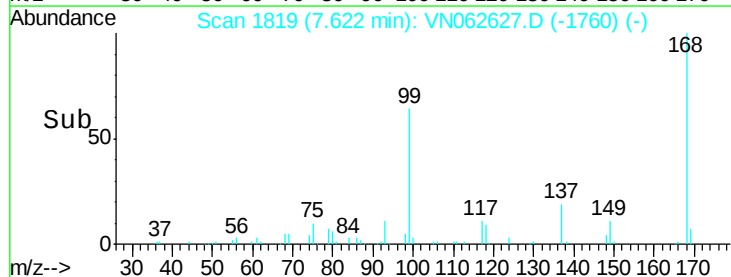
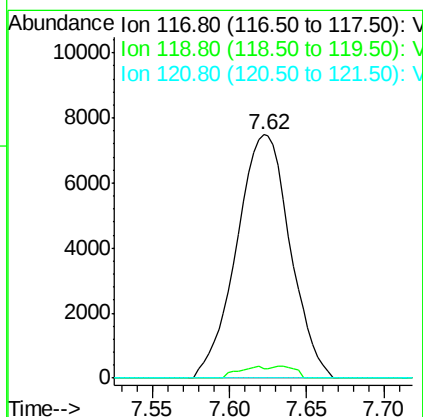
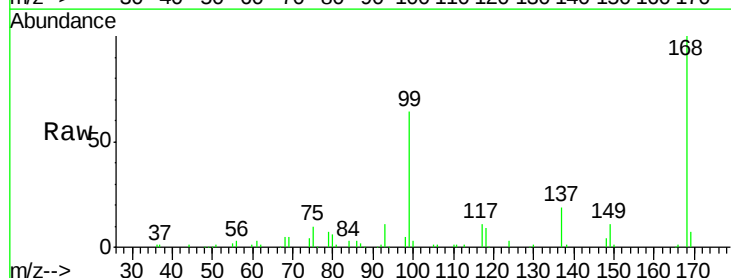
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

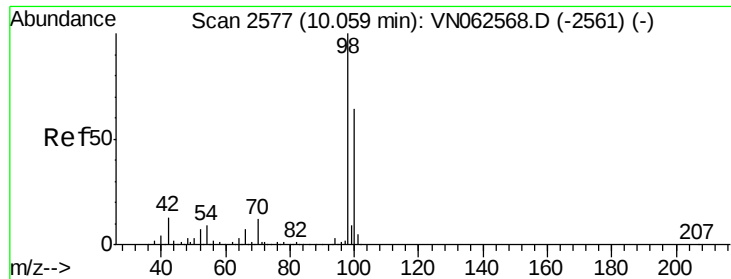
Tgt Ion: 75 Resp: 15115
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.0 48.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.858 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062627.D
 Acq: 28 Jul 2020 11:55

Tgt Ion: 117 Resp: 18002
 Ion Ratio Lower Upper
 117 100
 119 3.9 74.8 112.2#
 121 0.0 23.0 34.6#





#50

Toluene-d8

Concen: 49.518 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

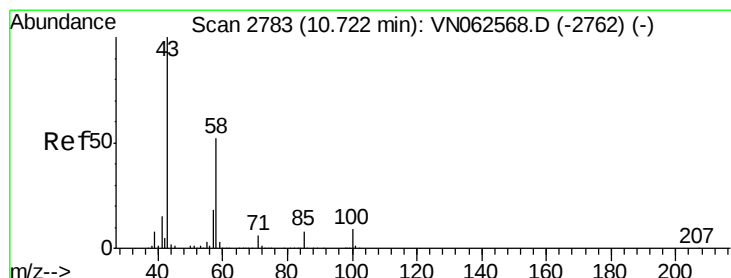
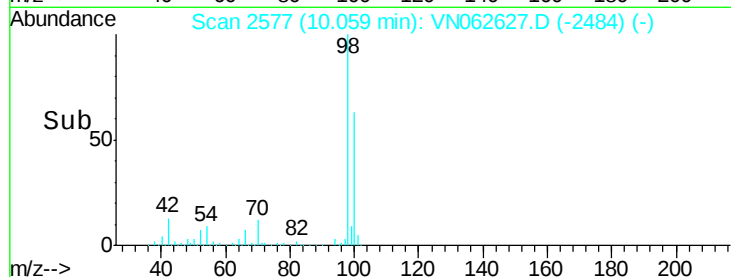
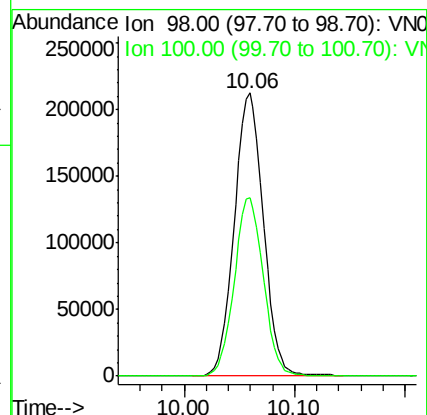
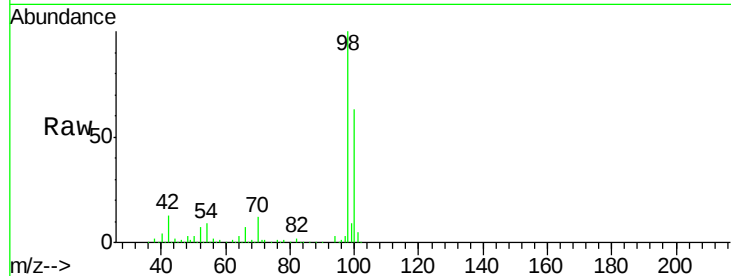
VN0728MBL01

Tgt Ion: 98 Resp: 389220

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#59

2-Hexanone

Concen: 3.166 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN062627.D

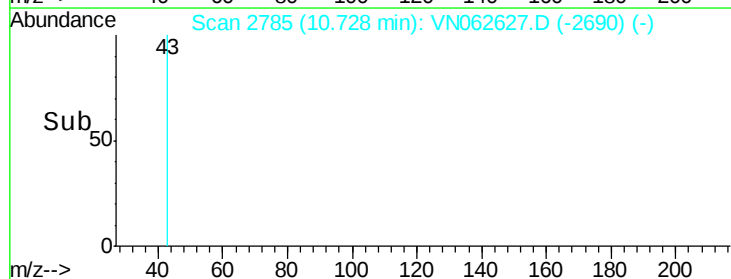
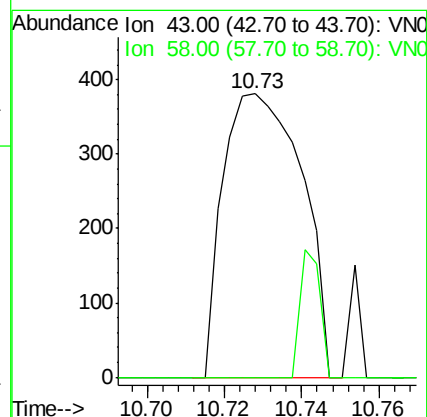
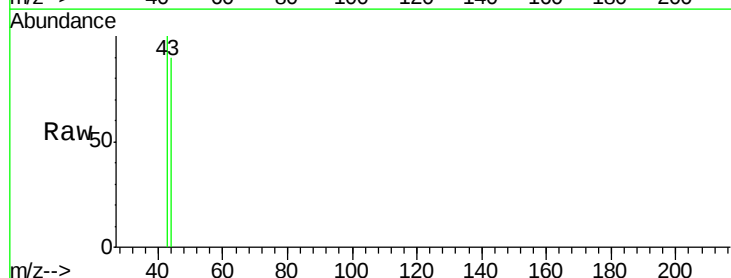
Acq: 28 Jul 2020 11:55

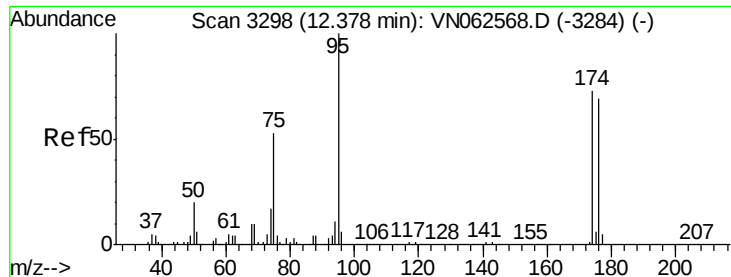
Tgt Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

58 11.7 26.0 78.0#

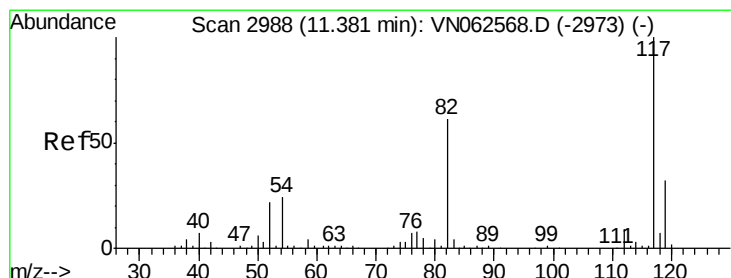
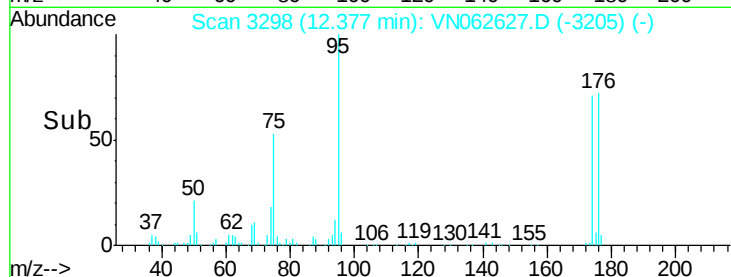
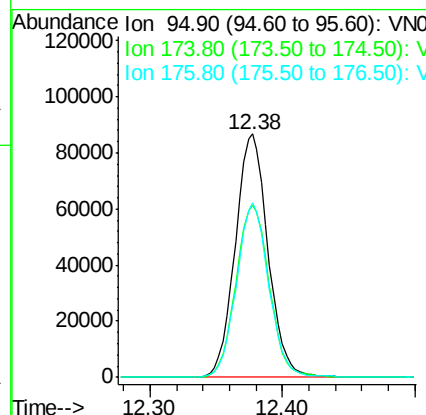
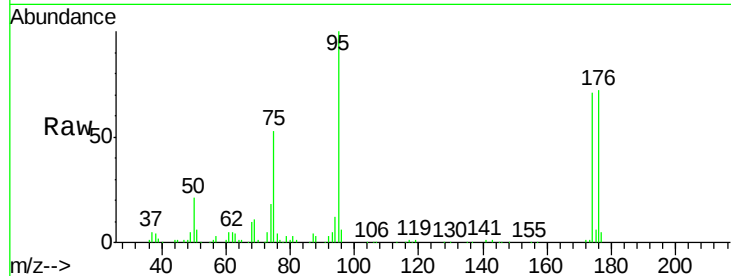




#62
4-Bromofluorobenzene
Concen: 51.738 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

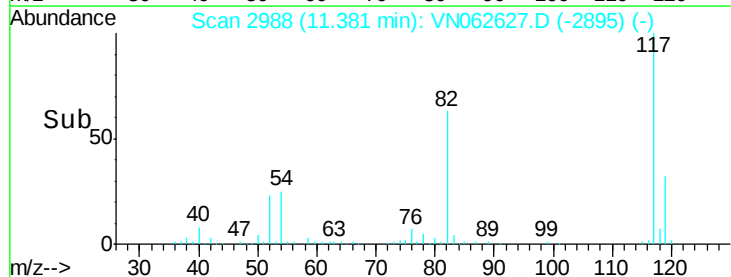
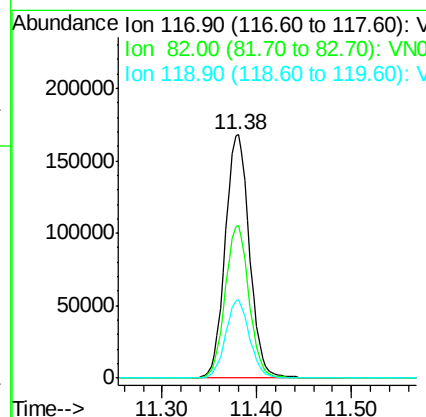
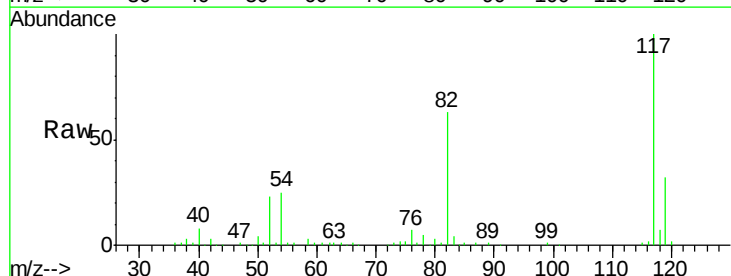
Instrument :
MSVOA_N
ClientSampleId :
VN0728MBL01

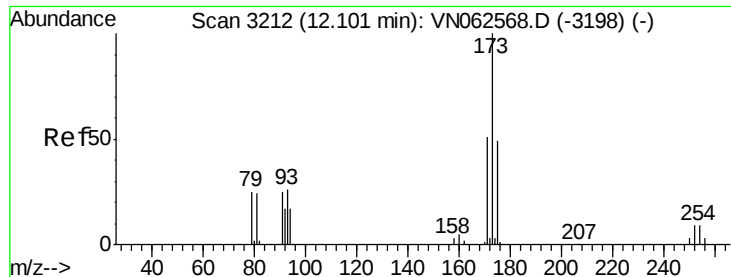
Tgt Ion: 95 Resp: 148697
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 70.8 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062627.D
Acq: 28 Jul 2020 11:55

Tgt Ion: 117 Resp: 299336
Ion Ratio Lower Upper
117 100
82 62.6 49.0 73.6
119 32.0 25.4 38.2





#71

Bromoform

Concen: 0.645 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0728MBL01

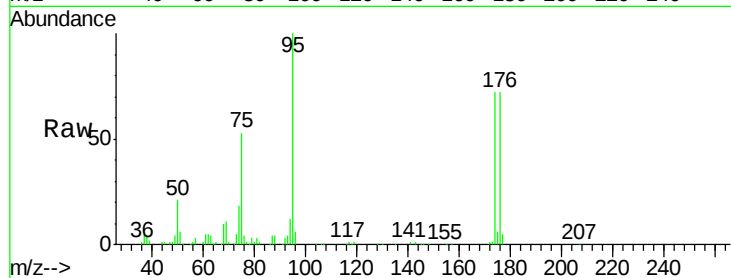
Tgt Ion:173 Resp: 1143

Ion Ratio Lower Upper

173 100

175 633.2 24.1 72.2#

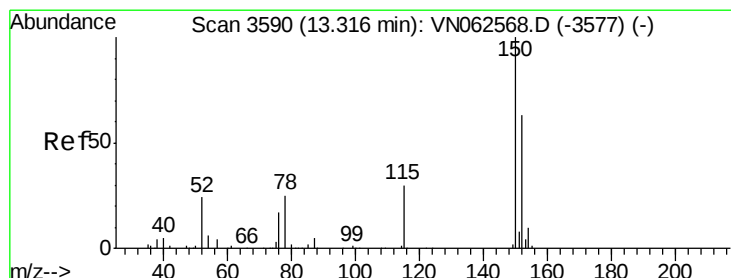
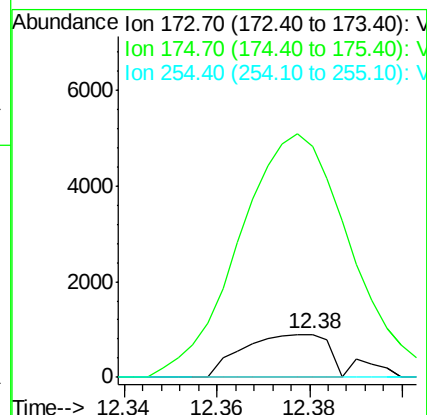
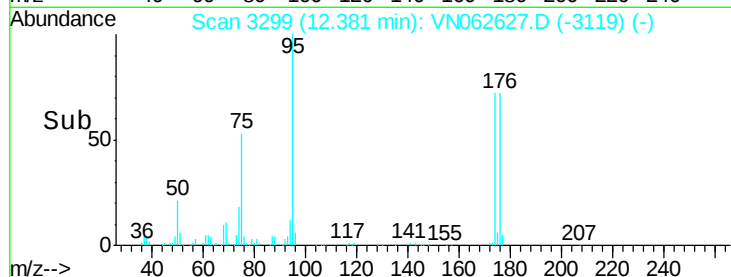
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

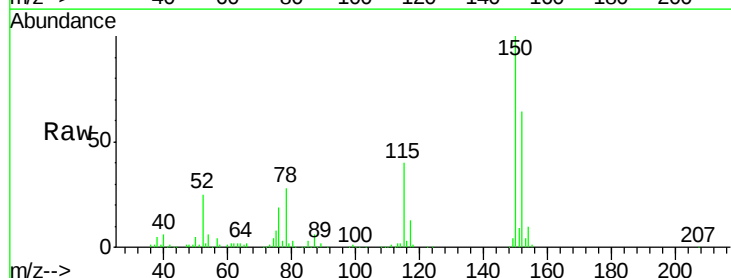
Tgt Ion:152 Resp: 119286

Ion Ratio Lower Upper

152 100

115 63.0 31.8 95.4

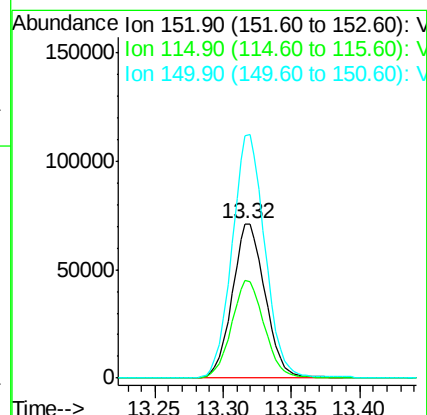
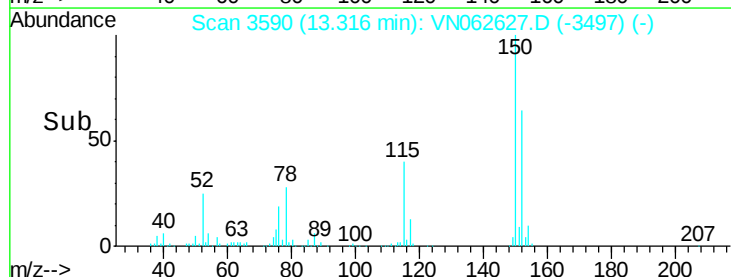
150 158.1 0.0 351.4

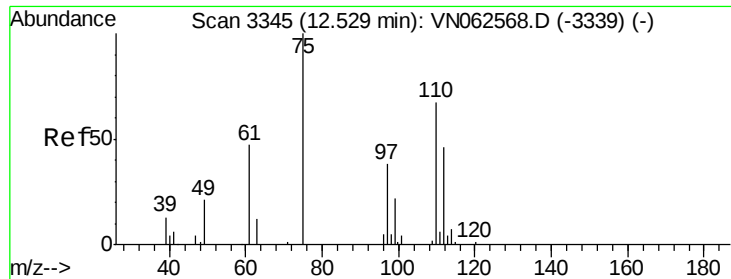


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.827 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

Instrument :

MSVOA_N

ClientSampled :

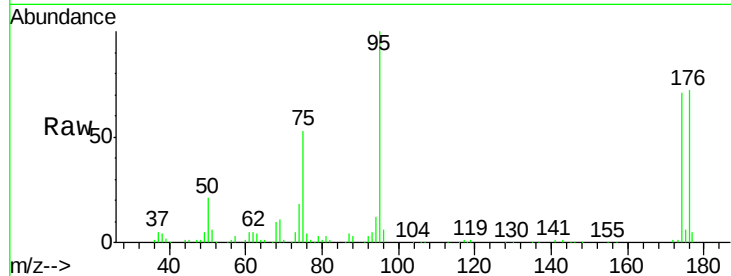
VN0728MBL01

Tgt Ion: 75 Resp: 81453

Ion Ratio Lower Upper

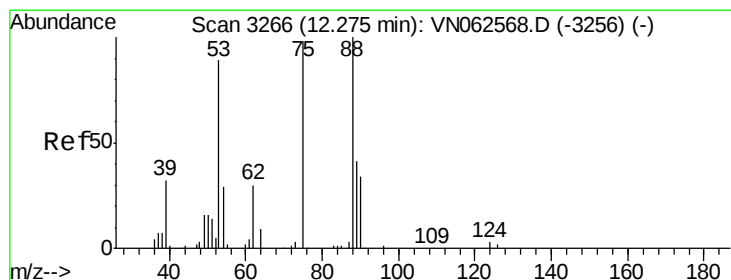
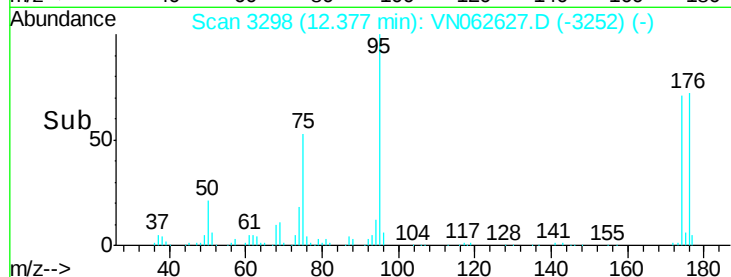
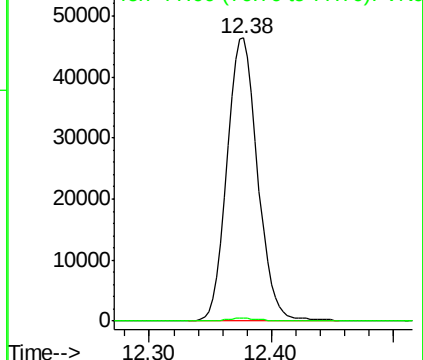
75 100

77 1.0 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: 74.680 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062627.D

Acq: 28 Jul 2020 11:55

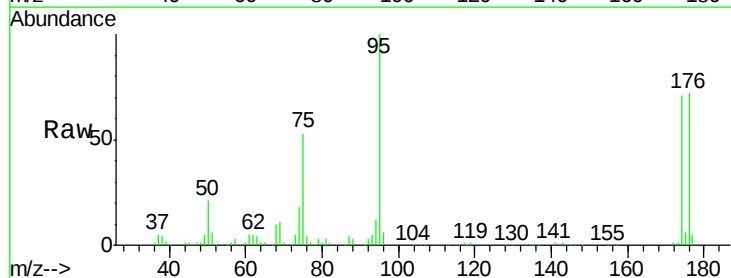
Tgt Ion: 75 Resp: 81453

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

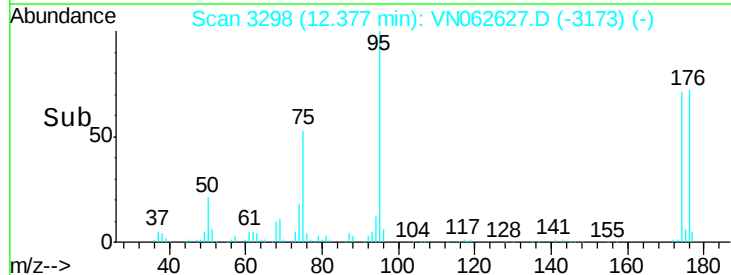
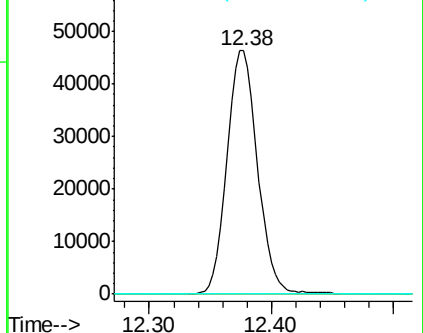
89 0.0 34.5 51.7#

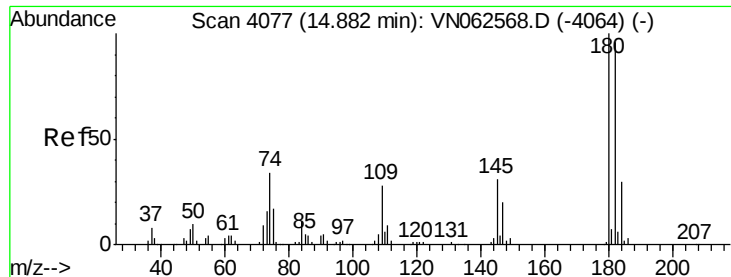


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

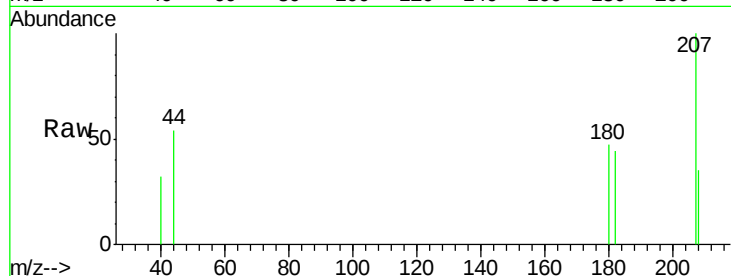




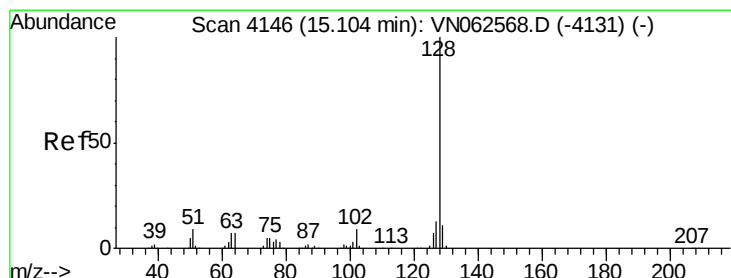
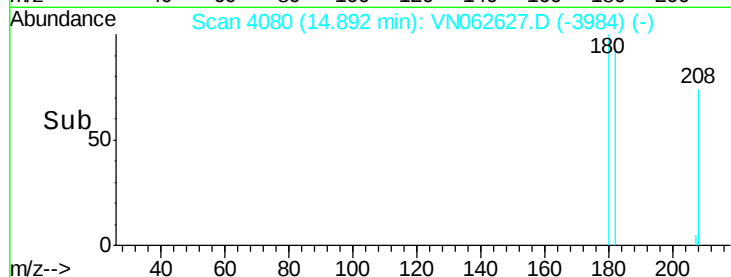
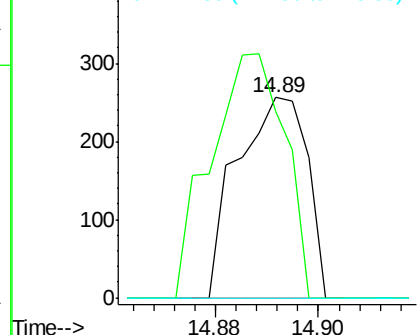
#93
 1,2,4-Trichlorobenzene
 Concen: 3.216 ug/l
 RT: 14.89 min Scan# 4080
 Delta R.T. 0.01 min
 Lab File: VN062627.D
 Acq: 28 Jul 2020 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBL01

Tgt Ion:180 Resp: 240
 Ion Ratio Lower Upper
 180 100
 182 128.3 47.8 143.3
 145 0.0 15.3 45.9#

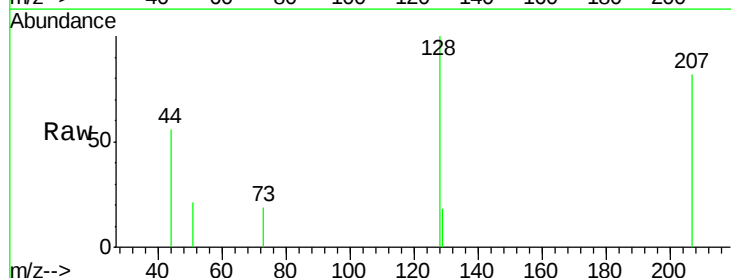


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.082 ug/l
 RT: 15.11 min Scan# 4149
 Delta R.T. 0.01 min
 Lab File: VN062627.D
 Acq: 28 Jul 2020 11:55

Tgt Ion:128 Resp: 1842
 Ion Ratio Lower Upper
 128 100
 127 3.1 10.4 15.6#
 129 3.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

