

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062600.D
 Acq On : 27 Jul 2020 15:46
 Operator : JC/MD
 Sample : VN0727WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBL01

Quant Time: Jul 28 06:22:56 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	7.63	168	138887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97440	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	115769	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
35) Dibromofluoromethane	7.55	113	81795	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.06	98	312807	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	117784	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	

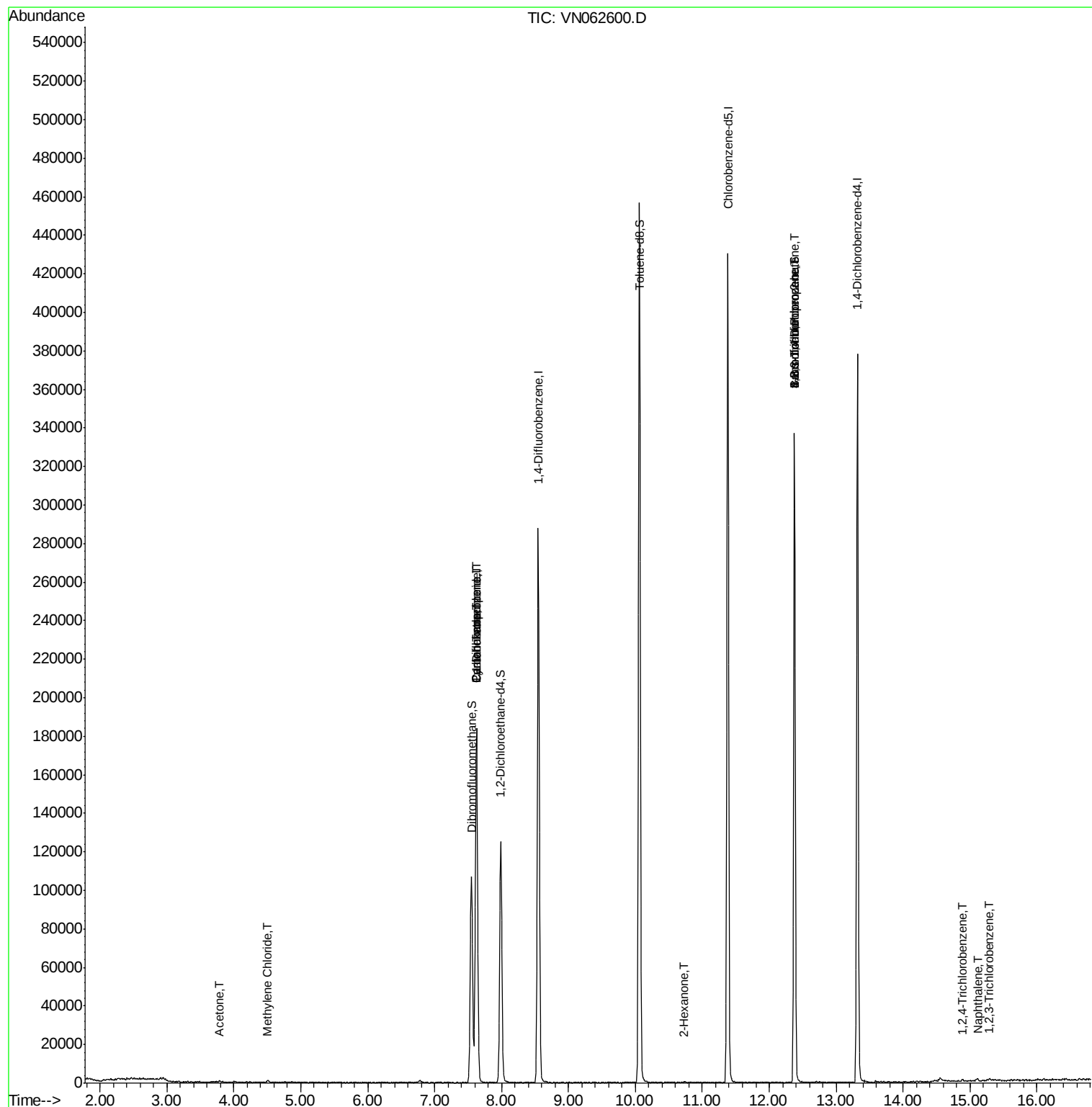
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	592	0.729	ug/l #	44
20) Methylene Chloride	4.50	84	405	0.208	ug/l #	64
31) Cyclohexane	7.62	56	3335	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	11898	4.646	ug/l #	52
38) Carbon Tetrachloride	7.63	117	15177	6.165	ug/l #	17
59) 2-Hexanone	10.73	43	523	3.210	ug/l #	50
71) Bromoform	12.37	173	325	0.230	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	66602	26.854	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66602	74.754	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.88	180	222	3.231	ug/l #	47
95) Naphthalene	15.11	128	2580	4.312	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.29	180	491	0.335	ug/l #	54

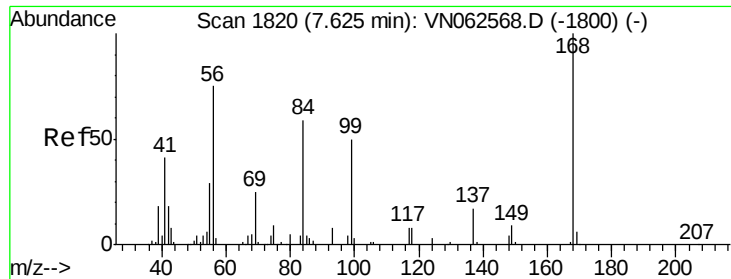
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072720\
Data File : VN062600.D
Acq On : 27 Jul 2020 15:46
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Jul 28 06:22:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062600.D

Acq: 27 Jul 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

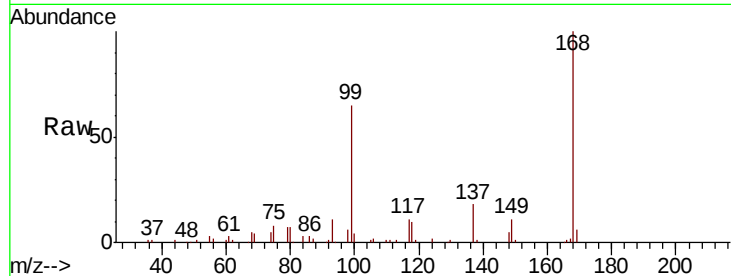
VN0727WBL01

Tot Ion:168 Resp: 138887

Ion Ratio Lower Upper

168 100

99 64.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062568.D (-1800) (-)

Ion 98.90 (98.60 to 99.60): VN062568.D (-1800) (-)

7.63

60000

50000

40000

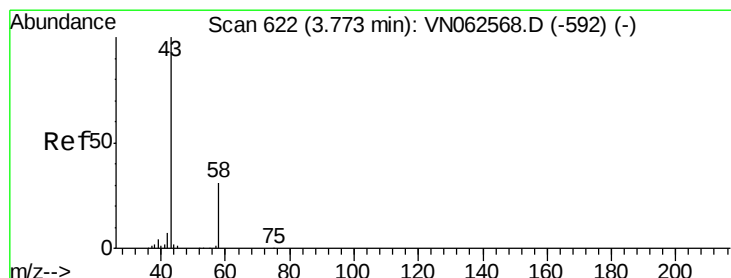
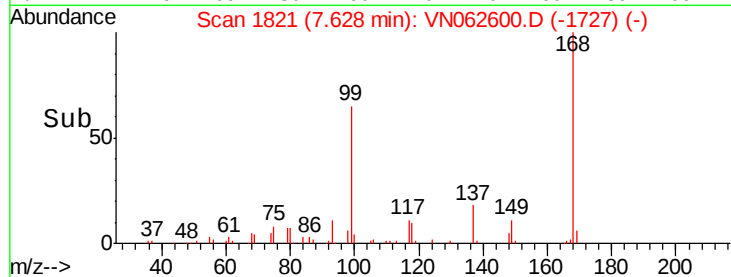
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.729 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062600.D

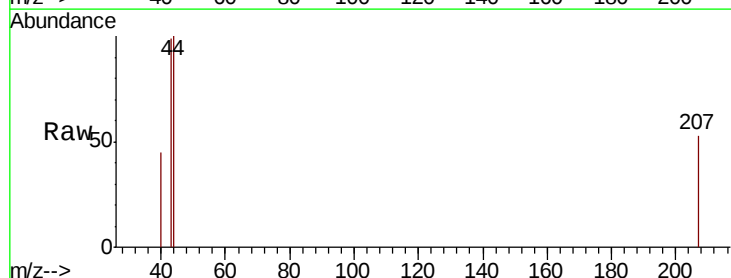
Acq: 27 Jul 2020 15:46

Tgt Ion: 43 Resp: 592

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-592) (-)

3.78

500

400

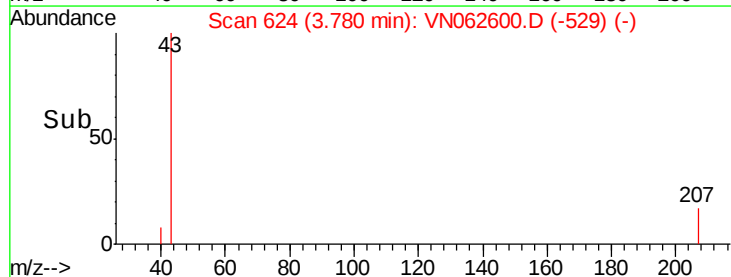
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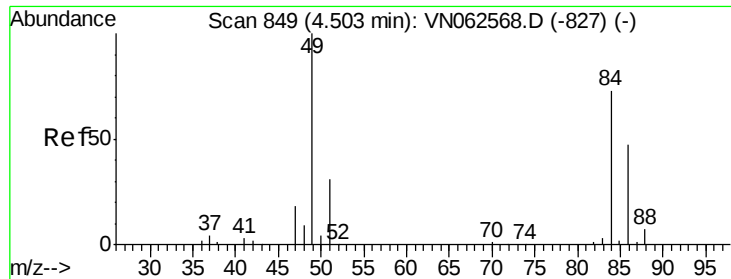
200

100

0

Time--> 3.76 3.78 3.80

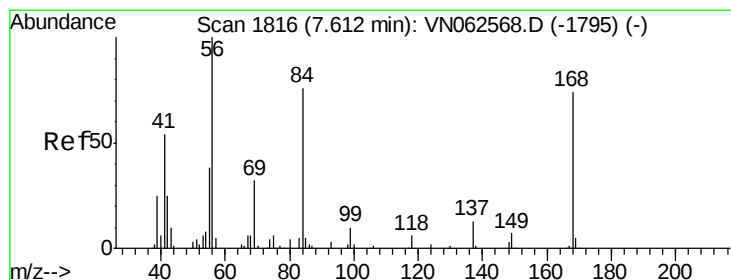
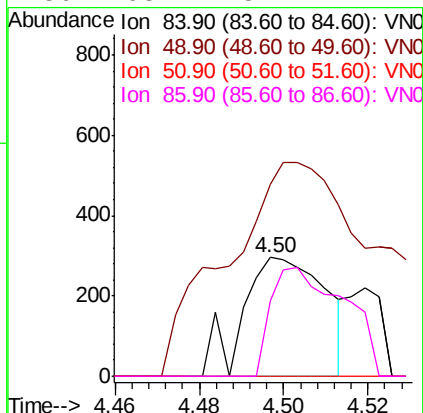
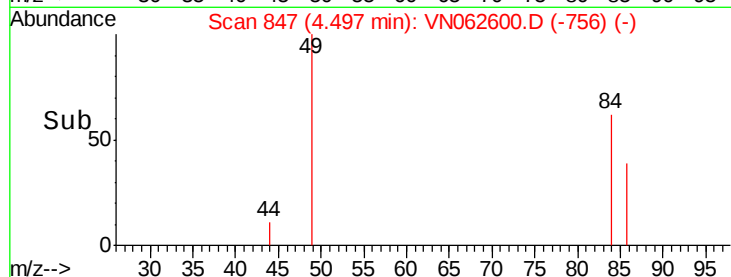
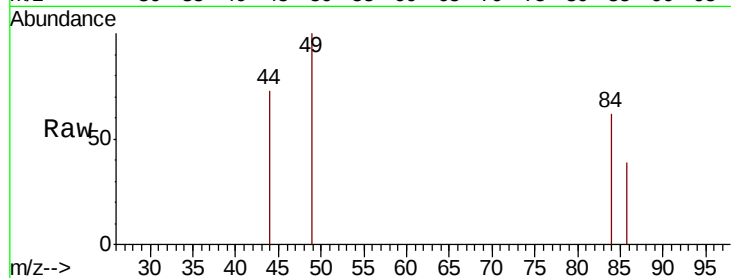




#20
Methvlene Chloride
Concen: 0.208 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

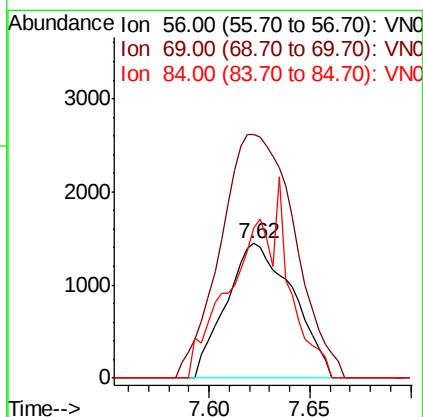
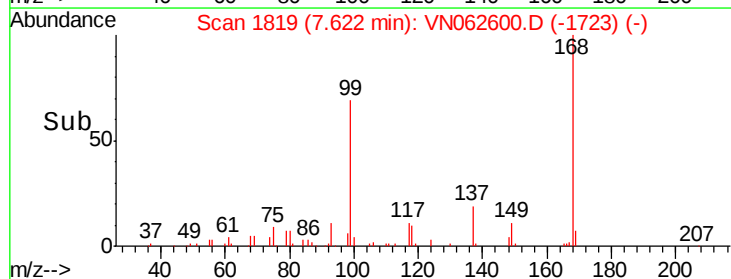
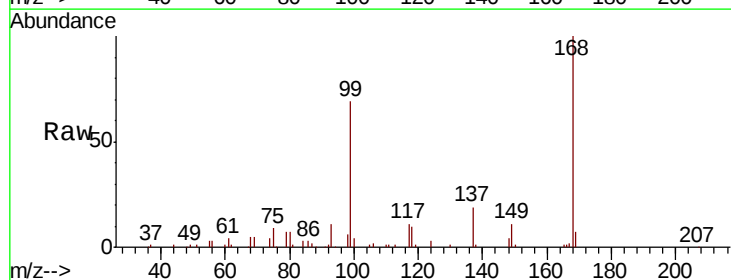
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBL01

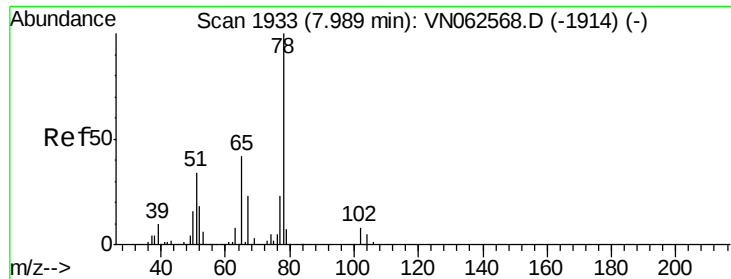
Tot Ion: 84 Resp: 405
Ion Ratio Lower Upper
84 100
49 85.8 109.4 164.0#
51 0.0 33.6 50.4#
86 63.2 51.4 77.2



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Tgt Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 168.2 25.3 37.9#
84 111.0 61.0 91.4#

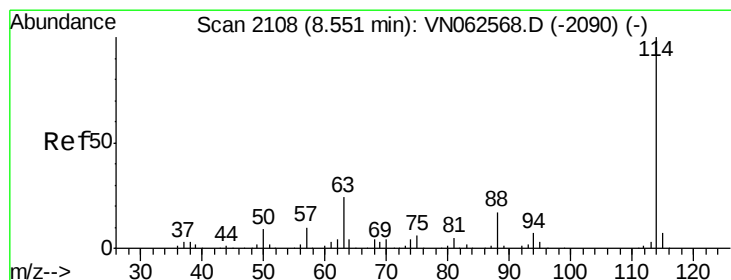
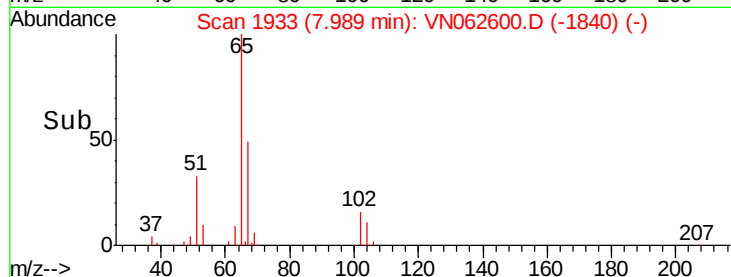
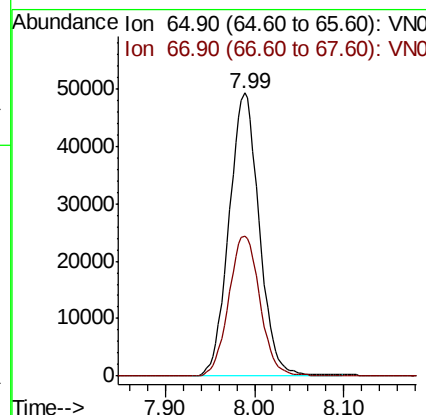
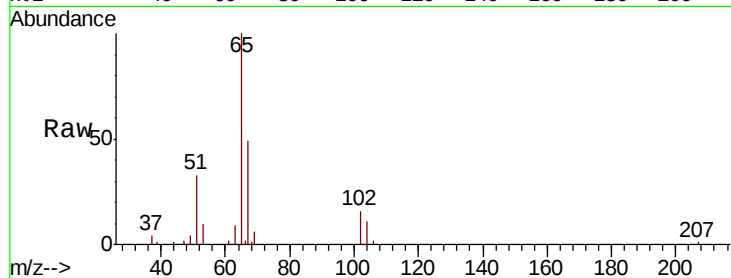




#33
 1,2-Dichloroethane-d4
 Concen: 53.658 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062600.D
 Acq: 27 Jul 2020 15:46

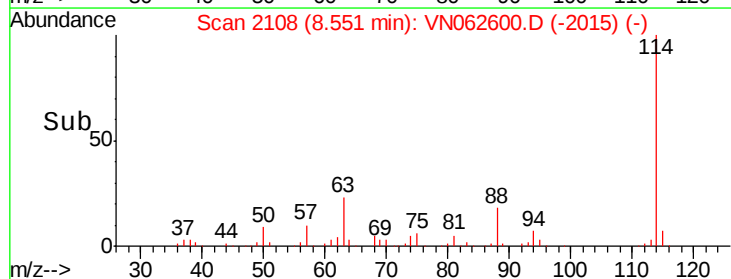
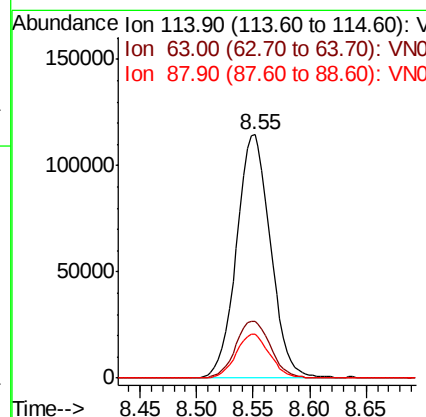
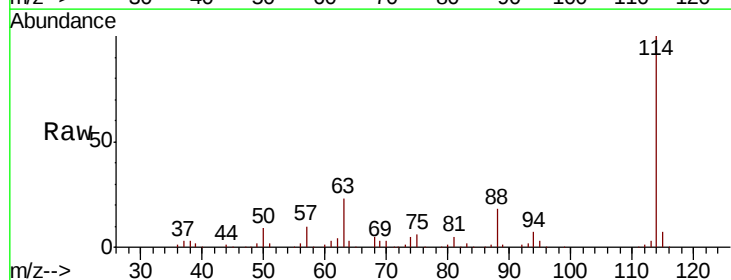
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBL01

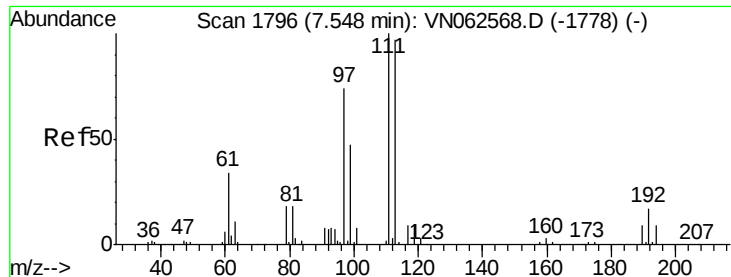
Tot Ion: 65 Resp: 115769
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062600.D
 Acq: 27 Jul 2020 15:46

Tgt Ion: 114 Resp: 240282
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 48.4
 88 18.0 0.0 33.8

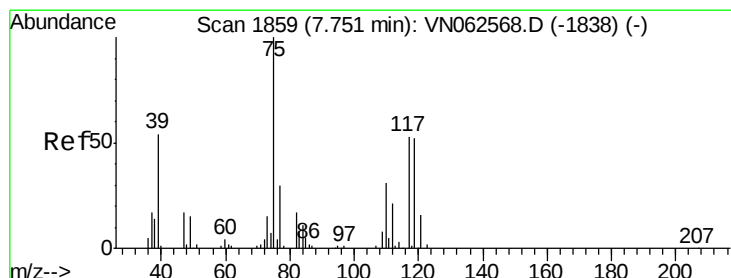
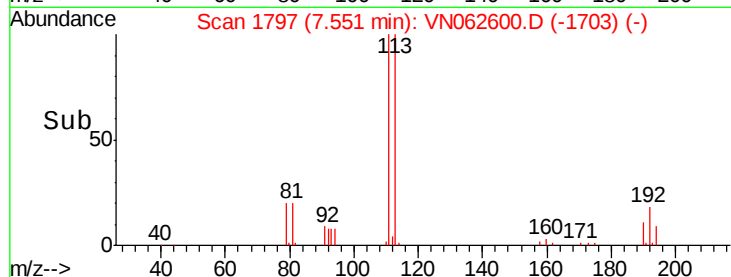
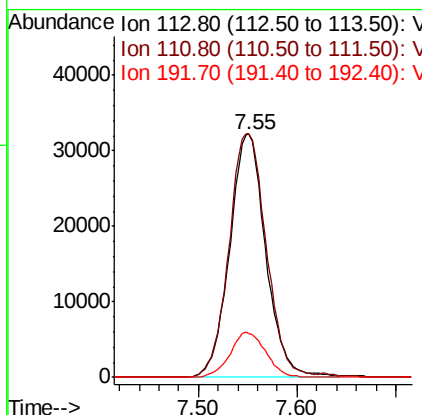
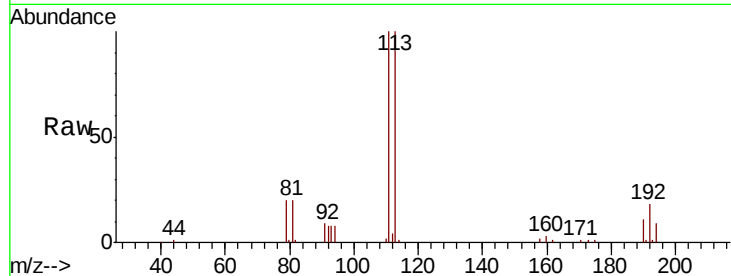




#35
 Dibromofluoromethane
 Concen: 51.824 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062600.D
 Acq: 27 Jul 2020 15:46

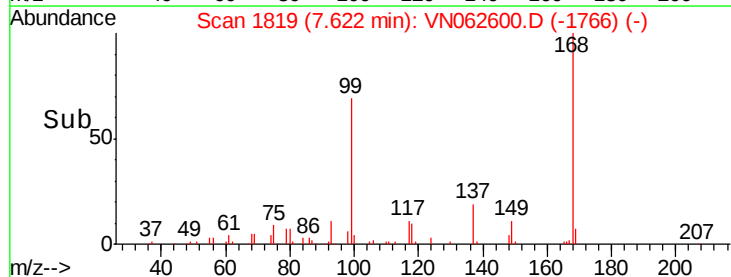
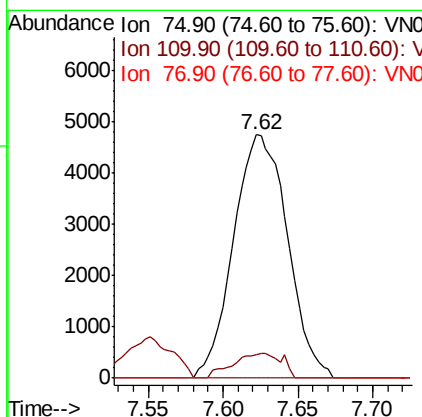
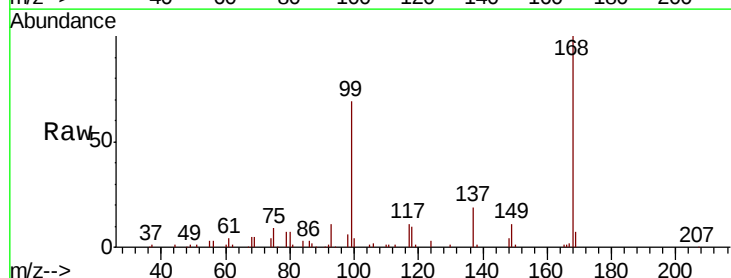
Instrument :
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 ClientSampleId :
 VN0727WBL01

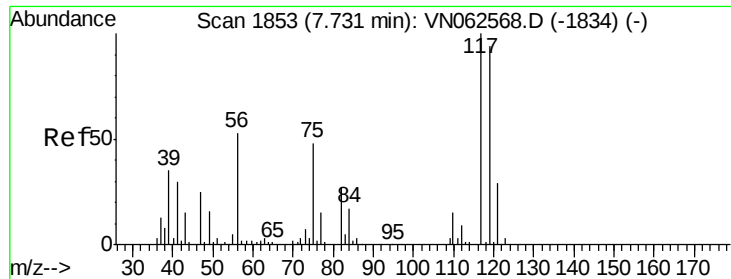
Tot Ion:113 Resp: 81795
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 18.3 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 4.646 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062600.D
 Acq: 27 Jul 2020 15:46

Tgt Ion: 75 Resp: 11898
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.0 48.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.165 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.10 min

Lab File: VN062600.D

Acq: 27 Jul 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBL01

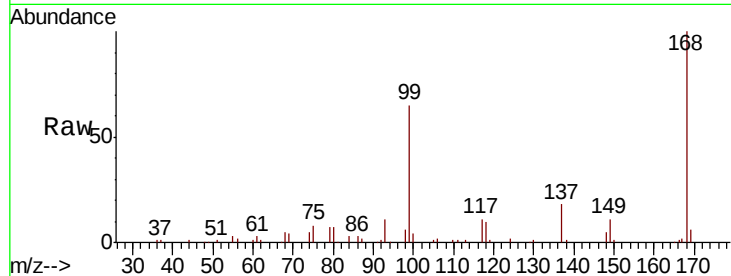
Tot Ion:117 Resp: 15177

Ion Ratio Lower Upper

117 100

119 4.8 74.8 112.2#

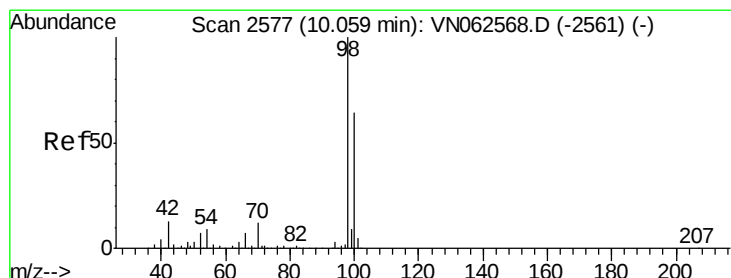
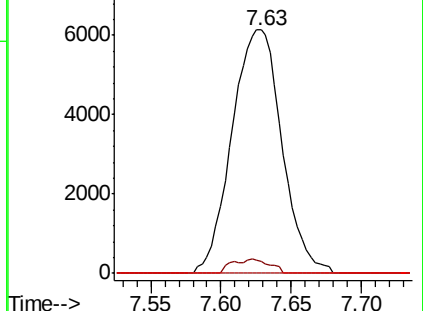
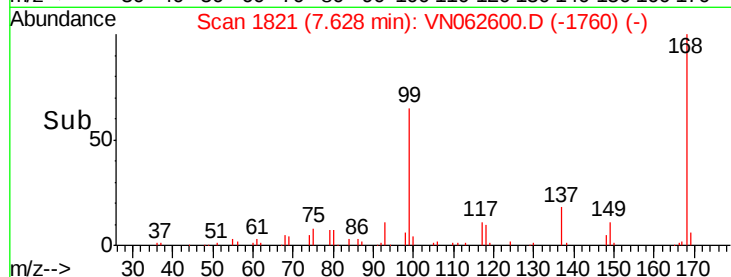
121 0.0 23.0 34.6#



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: 49.673 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062600.D

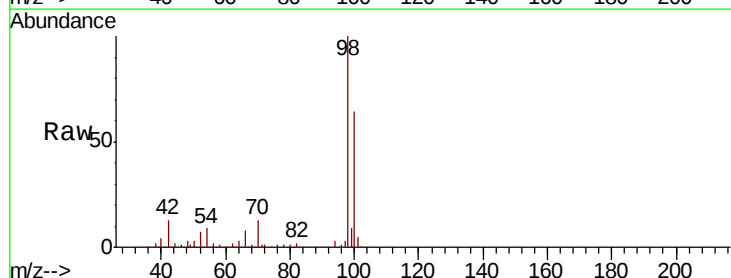
Acq: 27 Jul 2020 15:46

Tgt Ion: 98 Resp: 312807

Ion Ratio Lower Upper

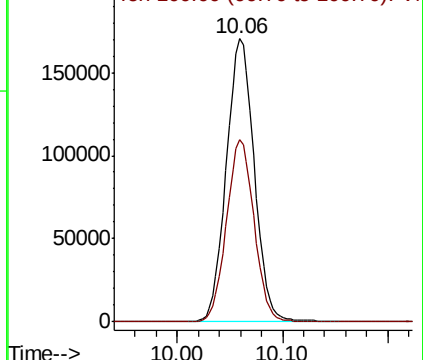
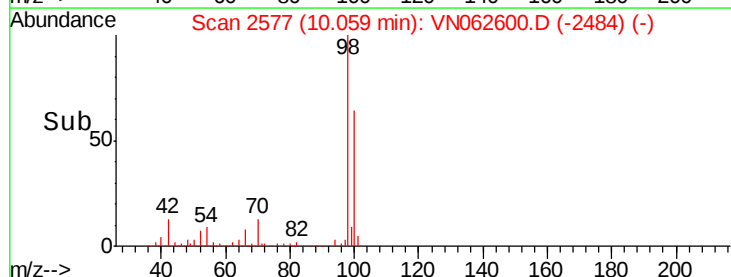
98 100

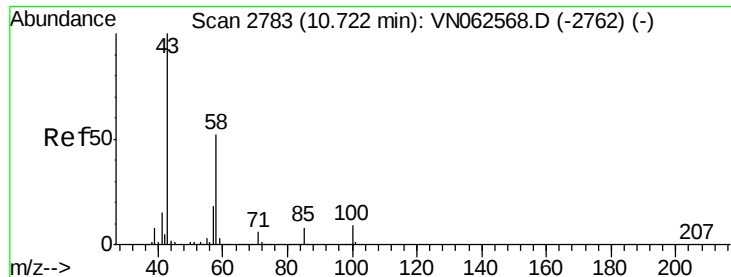
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

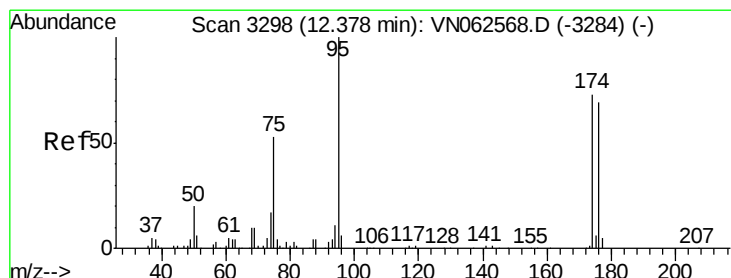
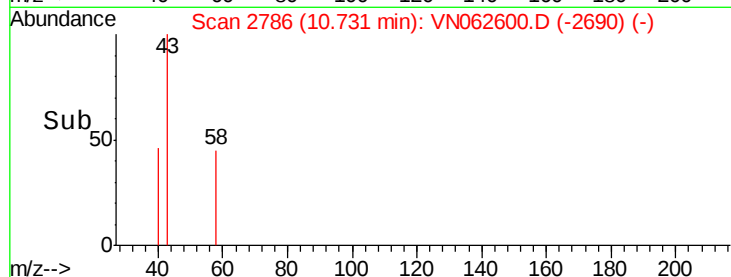
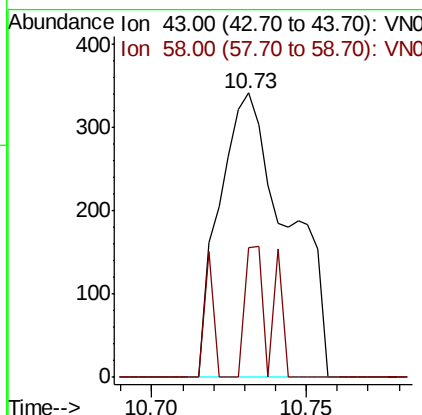
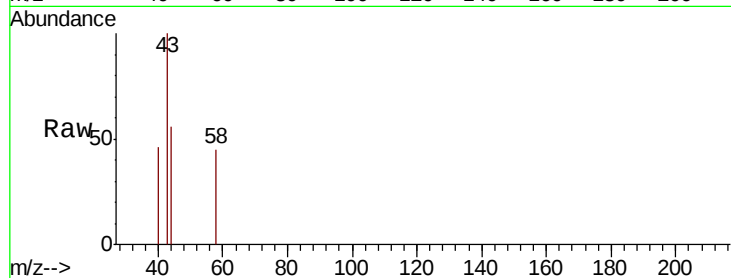




#59
2-Hexanone
Concen: 3.210 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

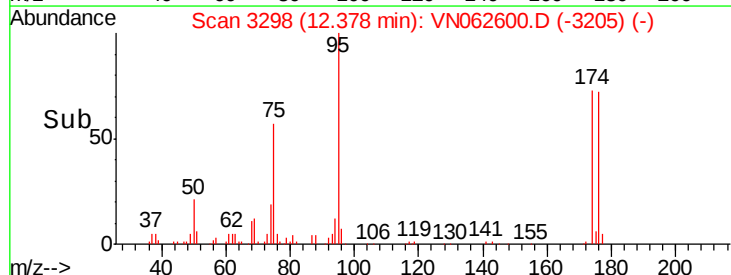
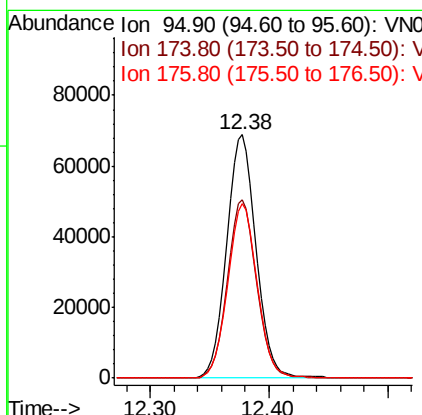
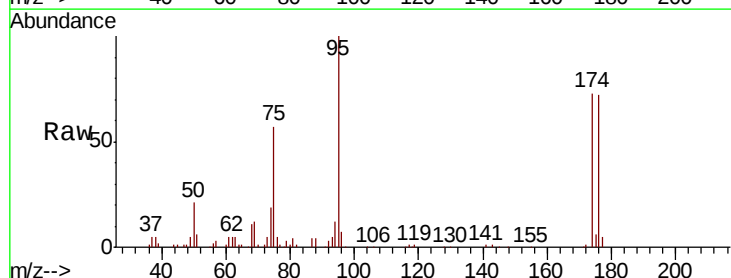
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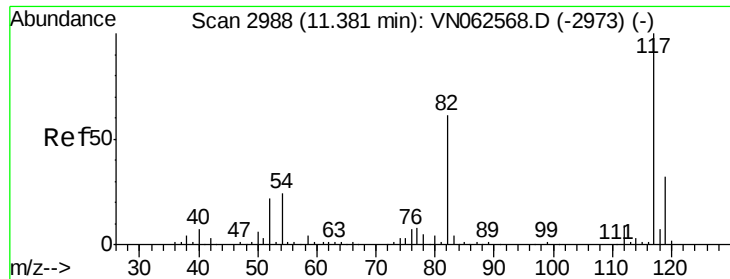
Tot Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 17.0 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 51.153 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Tgt Ion: 95 Resp: 117784
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 71.6 0.0 139.4

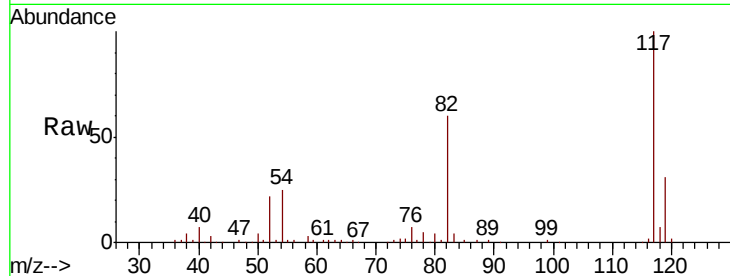




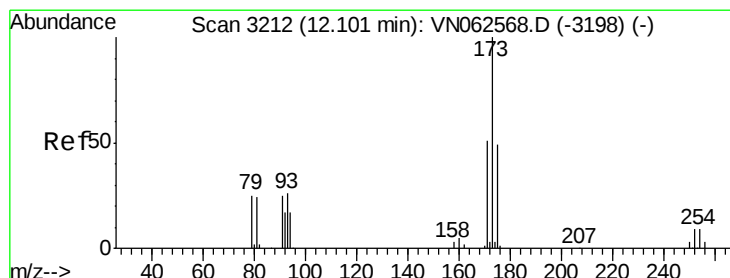
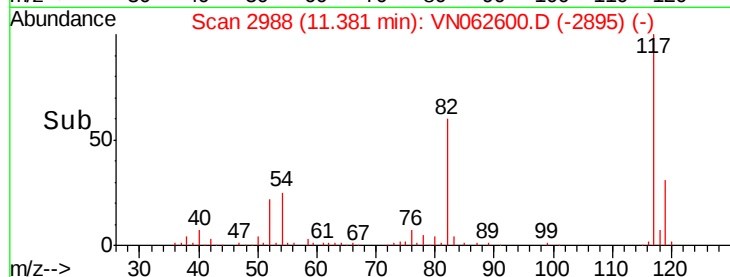
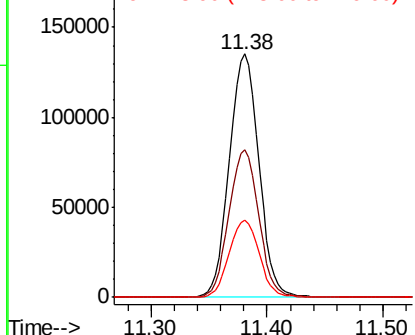
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBL01

Tot Ion:117 Resp: 238244
Ion Ratio Lower Upper
117 100
82 60.5 49.0 73.6
119 31.5 25.4 38.2

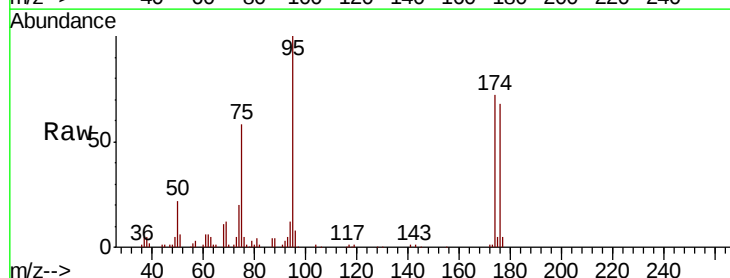


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

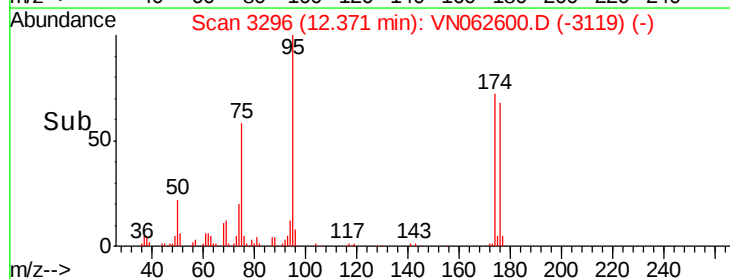
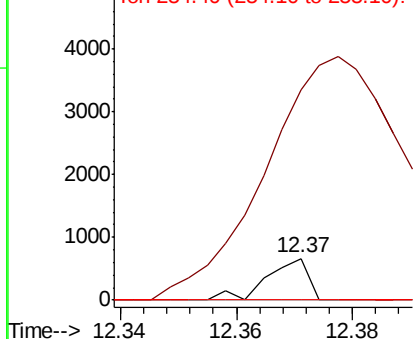


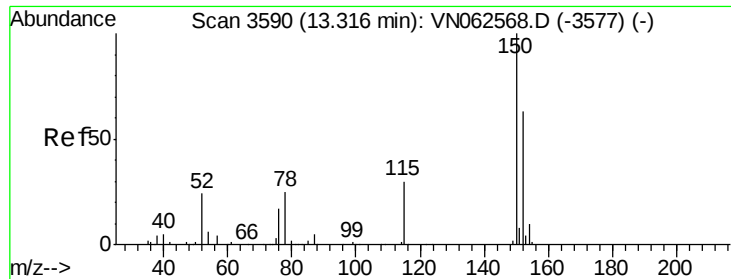
#71
Bromoform
Concen: 0.230 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Tgt Ion:173 Resp: 325
Ion Ratio Lower Upper
173 100
175 1694.5 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# 3591

Delta R.T. 0.00 min

Lab File: VN062600.D

Acq: 27 Jul 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBL01

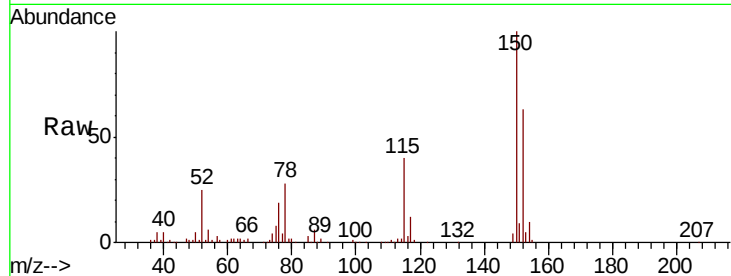
Tot Ion:152 Resp: 97440

Ion Ratio Lower Upper

152 100

115 65.0 31.8 95.4

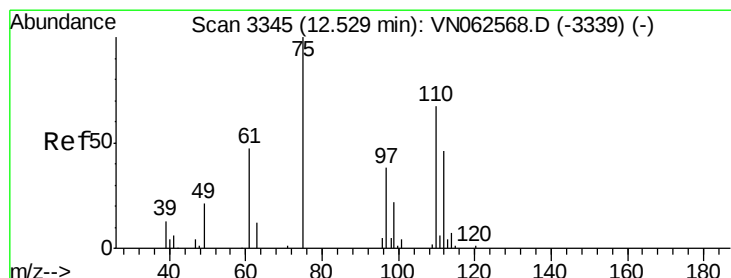
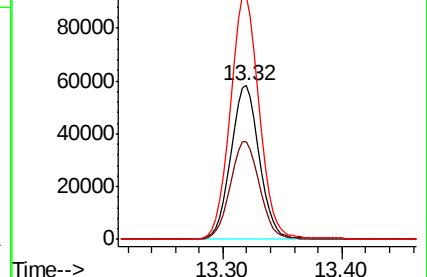
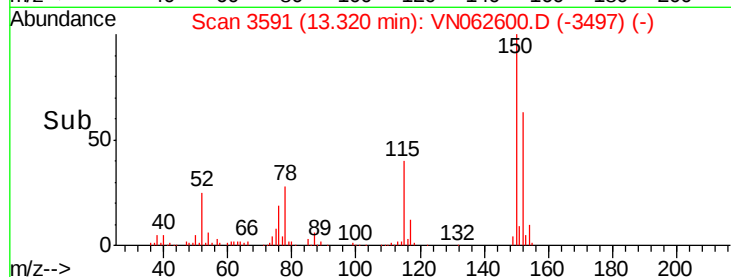
150 159.9 0.0 351.4



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: 26.854 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062600.D

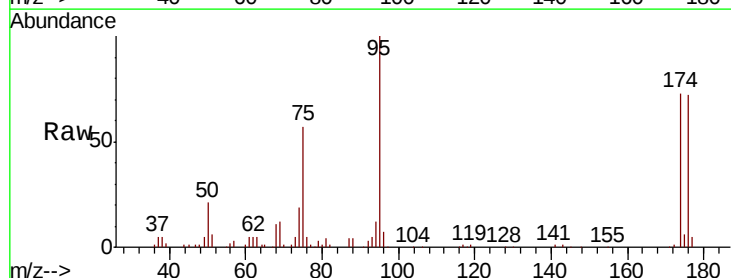
Acq: 27 Jul 2020 15:46

Tgt Ion: 75 Resp: 66602

Ion Ratio Lower Upper

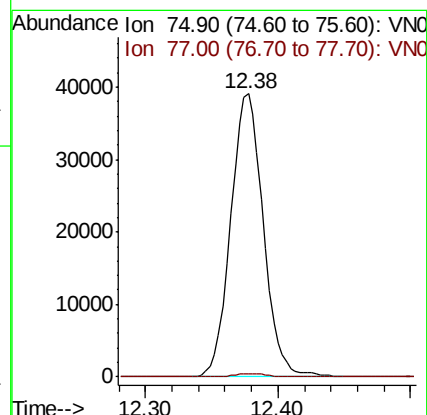
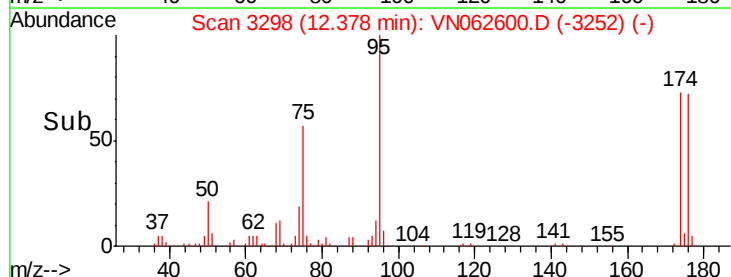
75 100

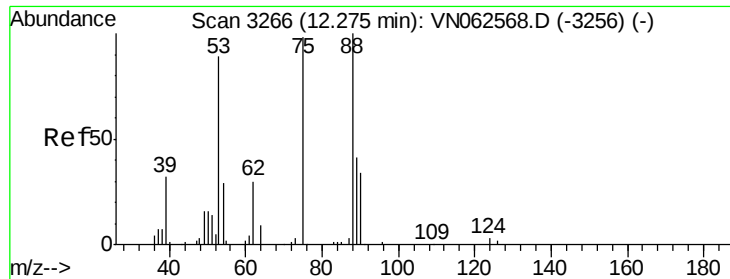
77 1.0 0.0 0.0#



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: 74.754 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062600.D

Acq: 27 Jul 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBL01

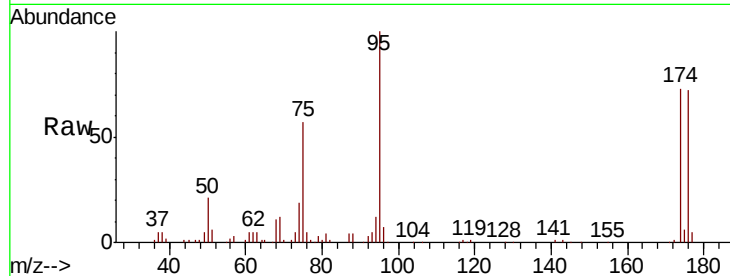
Tot Ion: 75 Resp: 66602

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

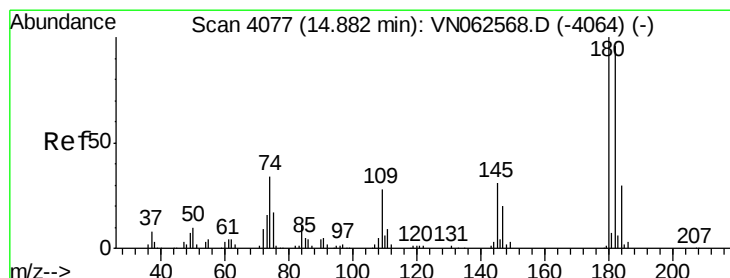
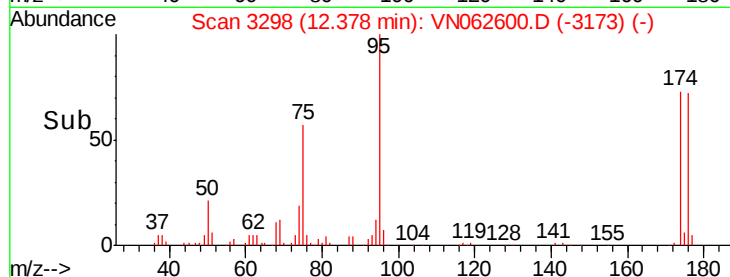
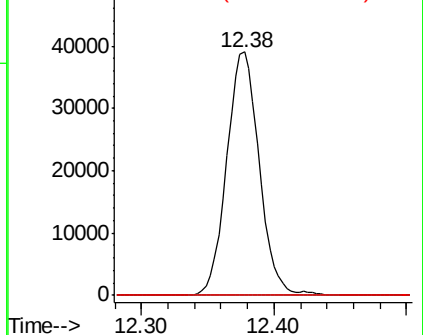
89 0.0 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VN062568.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062568.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062568.D (-3256) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.231 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062600.D

Acq: 27 Jul 2020 15:46

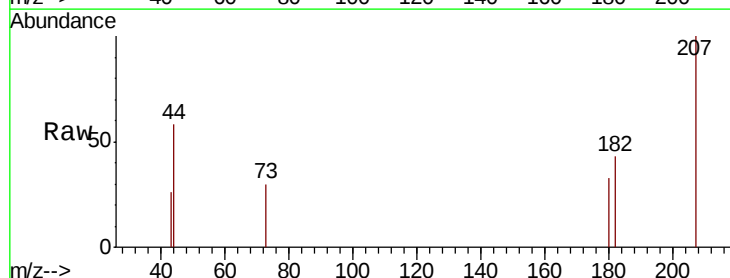
Tgt Ion:180 Resp: 222

Ion Ratio Lower Upper

180 100

182 146.4 47.8 143.3#

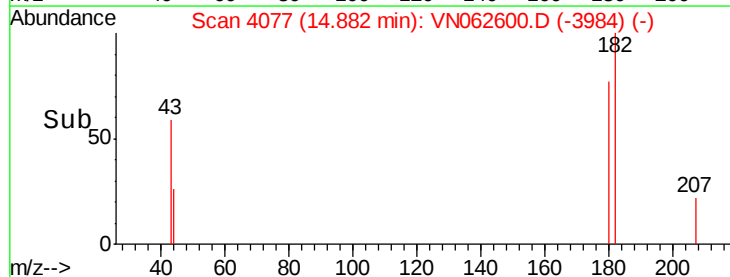
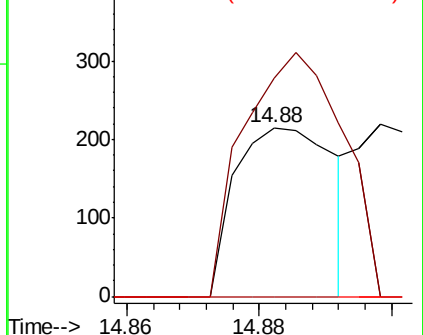
145 0.0 15.3 45.9#

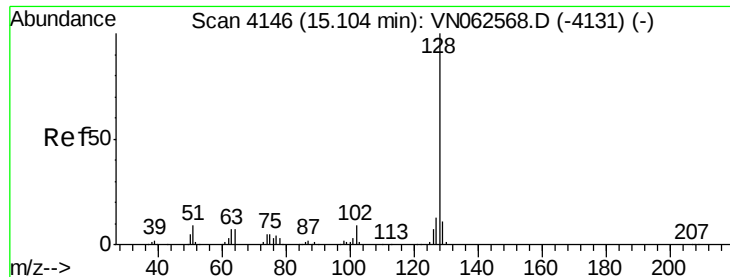


Abundance Ion 179.80 (179.50 to 180.50): VN062568.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN062568.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN062568.D (-4064) (-)

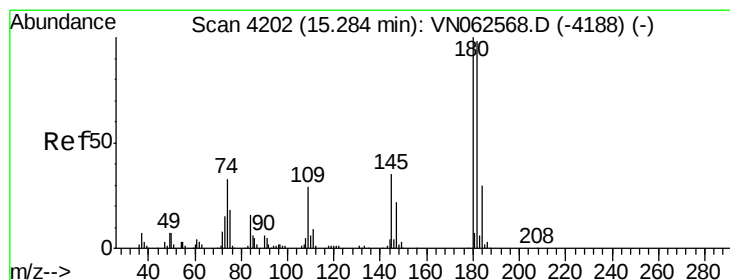
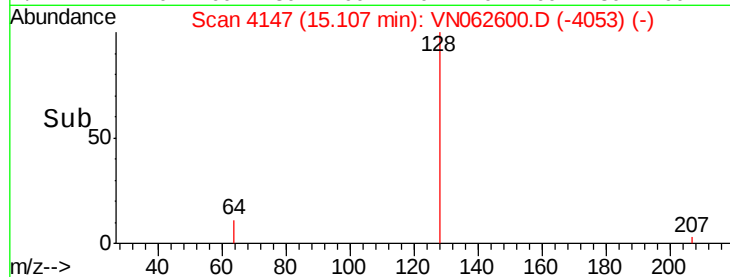
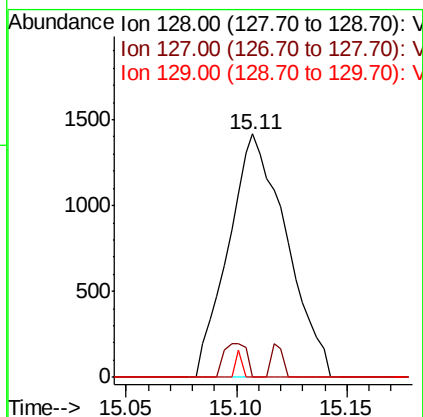
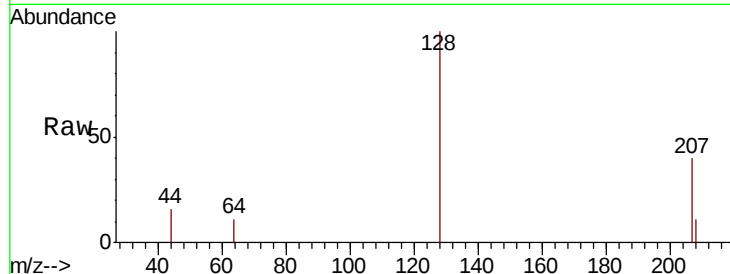




#95
Naphthalene
Concen: 4.312 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBL01

Tot Ion:128 Resp: 2580
Ion Ratio Lower Upper
128 100
127 5.3 10.4 15.6#
129 1.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062600.D
Acq: 27 Jul 2020 15:46

Tgt Ion:180 Resp: 491
Ion Ratio Lower Upper
180 100
182 55.6 48.1 144.3
145 0.0 16.7 50.1#

