

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062628.D
 Acq On : 28 Jul 2020 12:19
 Operator : JC/MD
 Sample : VN0728WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBL01

Quant Time: Jul 28 16:03:45 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	155900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	103645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	132109	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
35) Dibromofluoromethane	7.55	113	92129	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.06	98	361677	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.38	95	134061	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

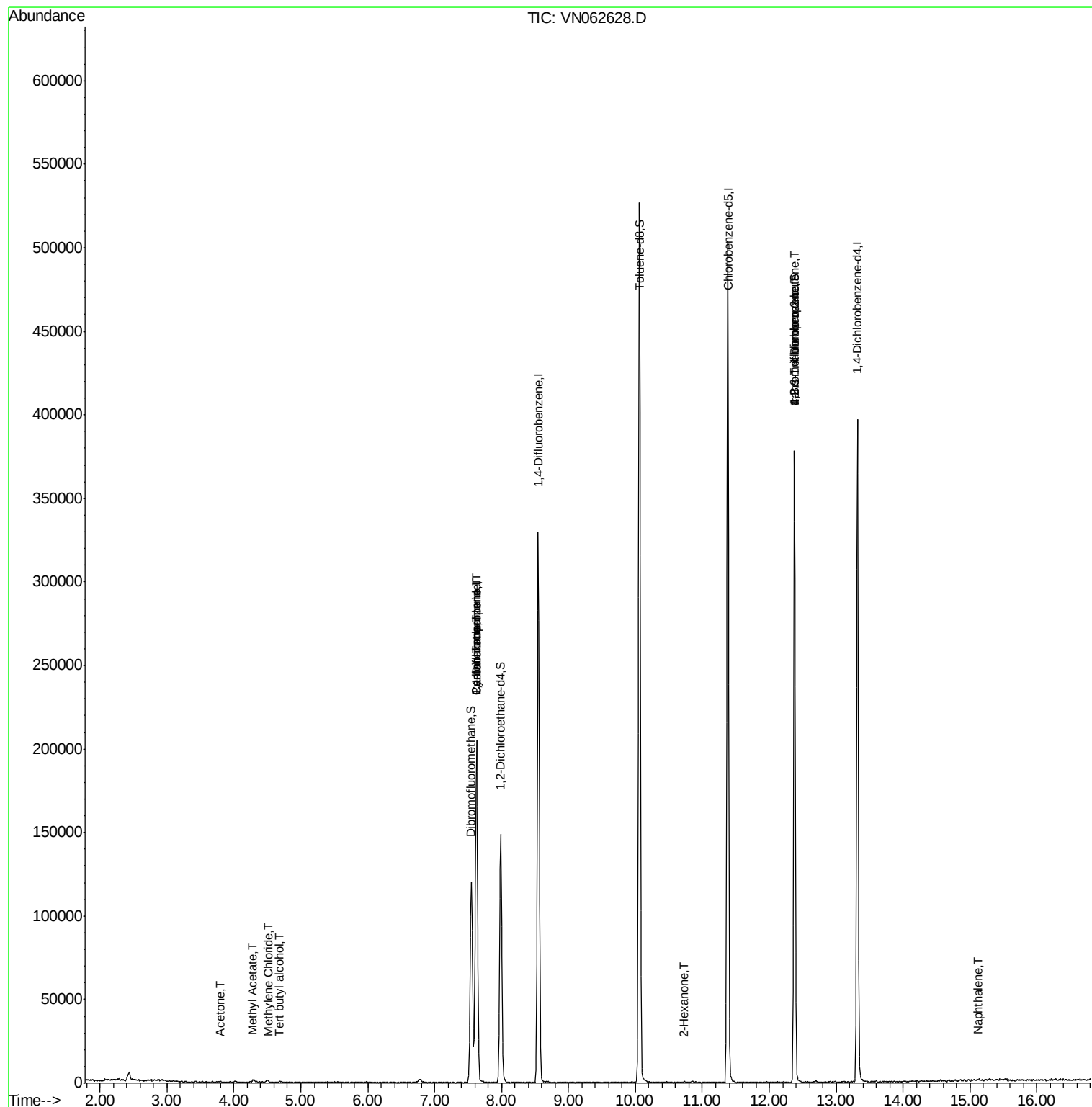
Target Compounds						Qvalue
11) Tert butyl alcohol	4.69	59	411	1.067	ug/l #	73
16) Acetone	3.79	43	956	1.049	ug/l #	44
18) Methyl Acetate	4.28	43	1666	0.722	ug/l #	88
20) Methylene Chloride	4.50	84	712	0.326	ug/l #	79
31) Cyclohexane	7.62	56	3898	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	13320	4.509	ug/l #	51
38) Carbon Tetrachloride	7.62	117	16371	5.766	ug/l #	17
59) 2-Hexanone	10.73	43	485	3.161	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	72080	27.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	72080	76.059	ug/l #	12
95) Naphthalene	15.11	128	983	3.959	ug/l #	69

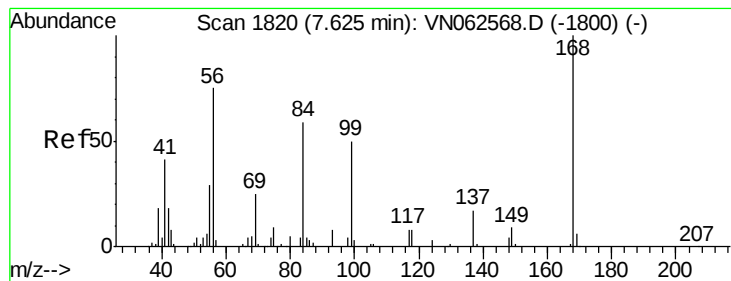
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
Data File : VN062628.D
Acq On : 28 Jul 2020 12:19
Operator : JC/MD
Sample : VN0728WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Quant Time: Jul 28 16:03:45 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# 1820

Delta R.T. -0.00 min

Lab File: VN062628.D

Acq: 28 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

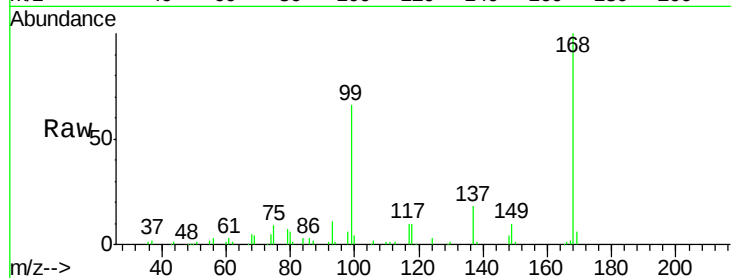
VN0728WBL01

Tgt Ion:168 Resp: 155900

Ion Ratio Lower Upper

168 100

99 65.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

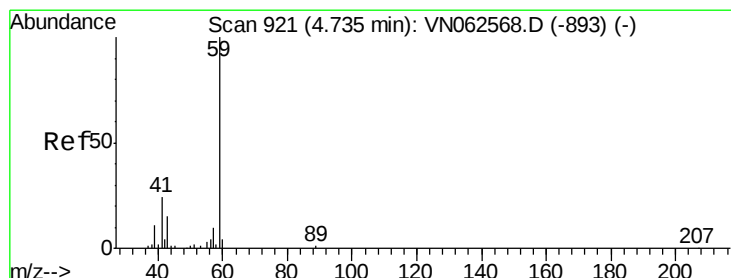
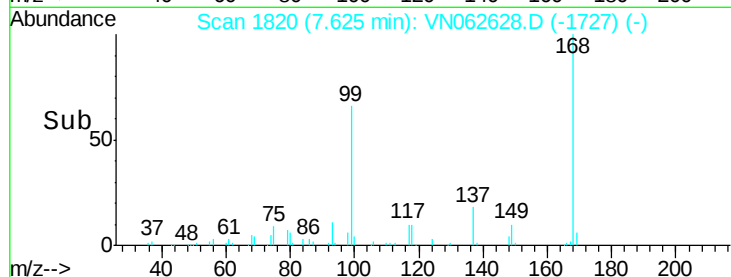
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 1.067 ug/l

RT: 4.69 min Scan# 908

Delta R.T. -0.04 min

Lab File: VN062628.D

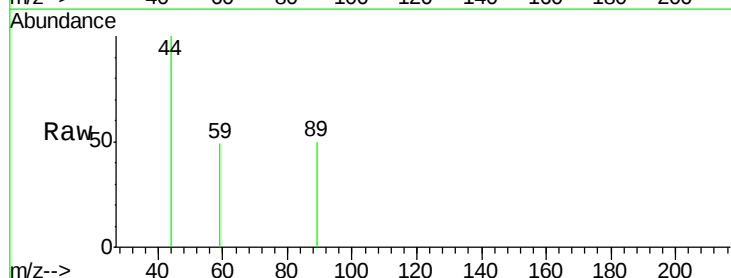
Acq: 28 Jul 2020 12:19

Tgt Ion: 59 Resp: 411

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.69

250

200

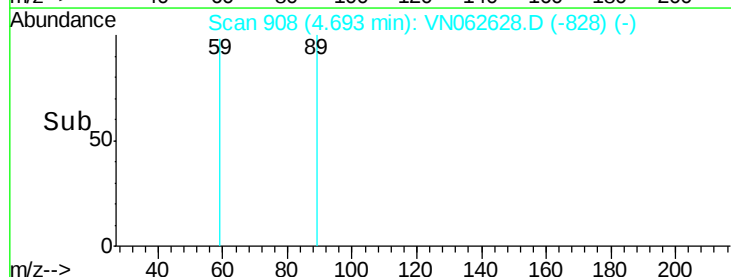
150

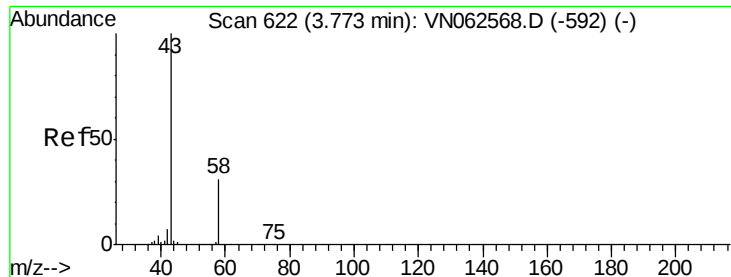
100

50

0

Time--> 4.66 4.68 4.70 4.72





#16

Acetone

Concen: 1.049 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062628.D

Acq: 28 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

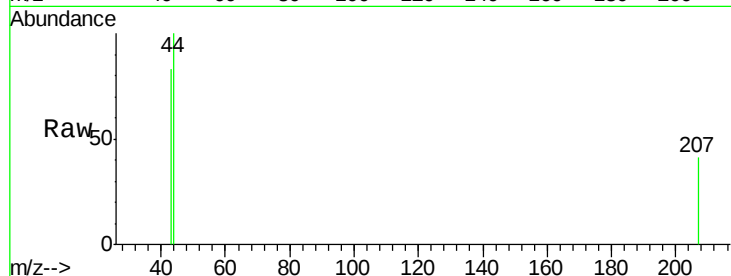
VN0728WBL01

Tgt Ion: 43 Resp: 956

Ion Ratio Lower Upper

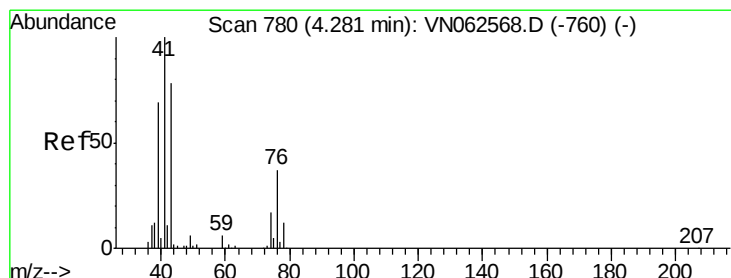
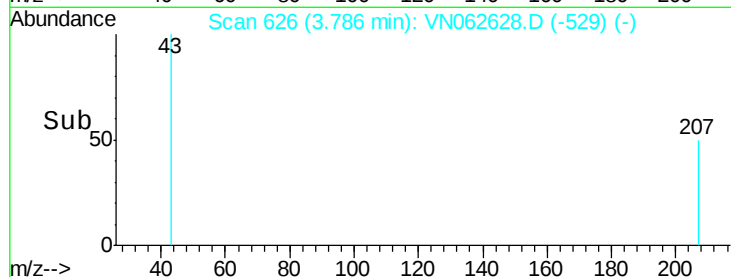
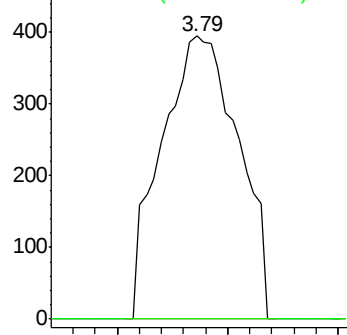
43 100

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



#18

Methyl Acetate

Concen: 0.722 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN062628.D

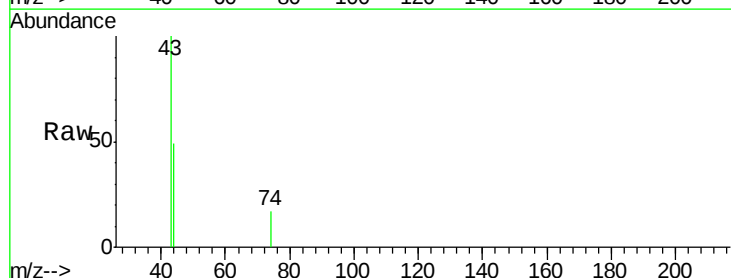
Acq: 28 Jul 2020 12:19

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

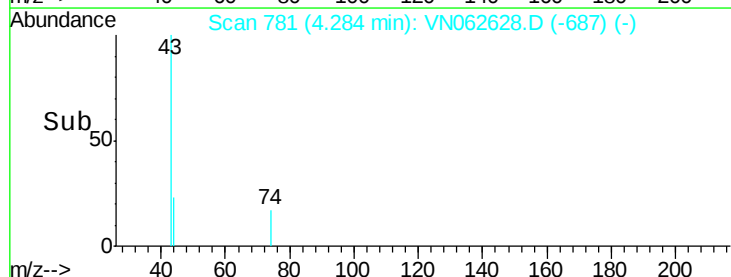
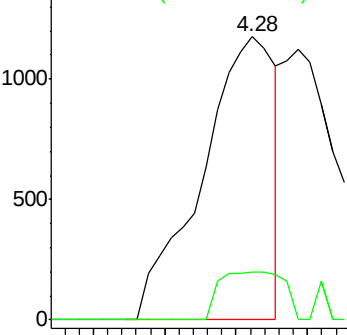
43 100

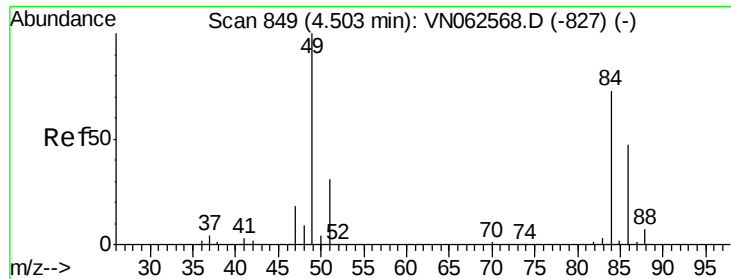
74 14.9 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

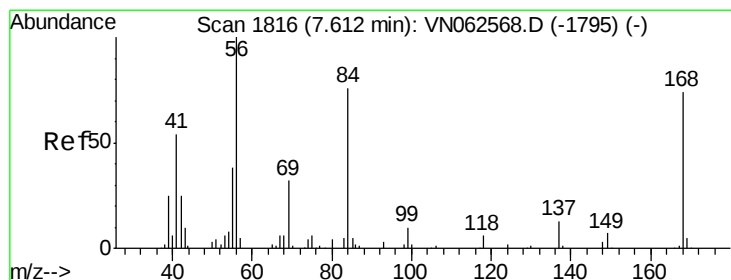
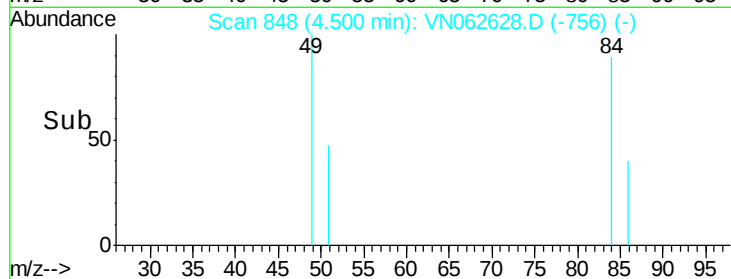
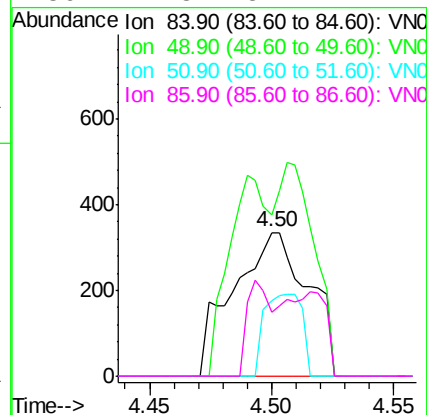
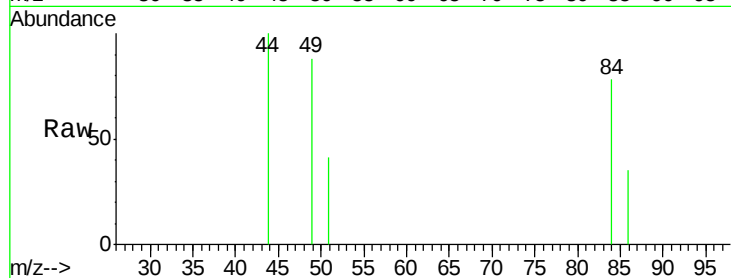




#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

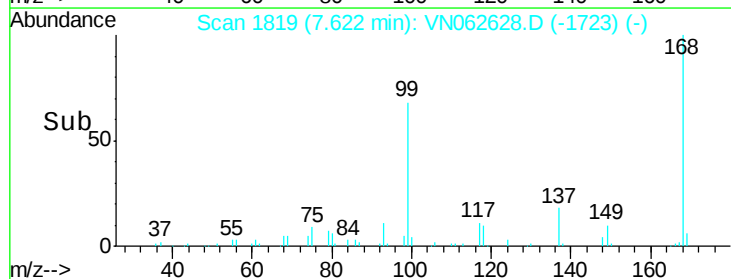
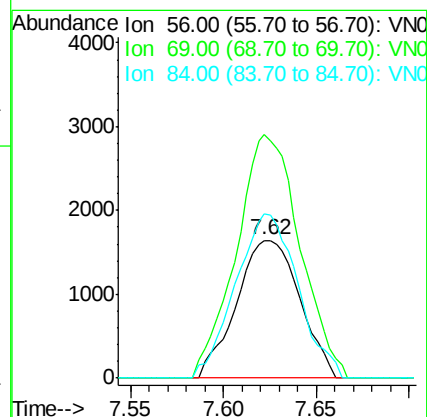
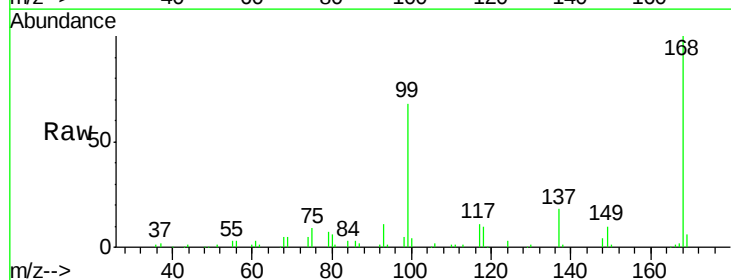
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

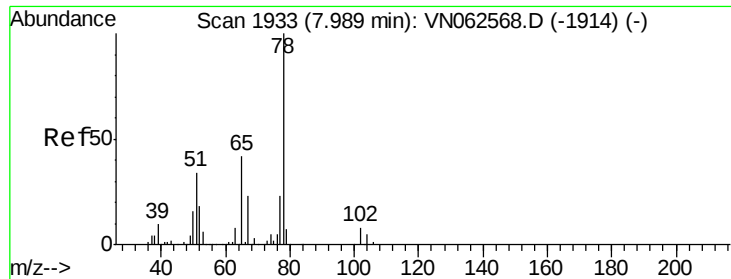
Tgt Ion: 84 Resp: 712
Ion Ratio Lower Upper
84 100
49 111.9 109.4 164.0
51 52.8 33.6 50.4#
86 44.8 51.4 77.2#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

Tgt Ion: 56 Resp: 3898
Ion Ratio Lower Upper
56 100
69 176.7 25.3 37.9#
84 119.2 61.0 91.4#

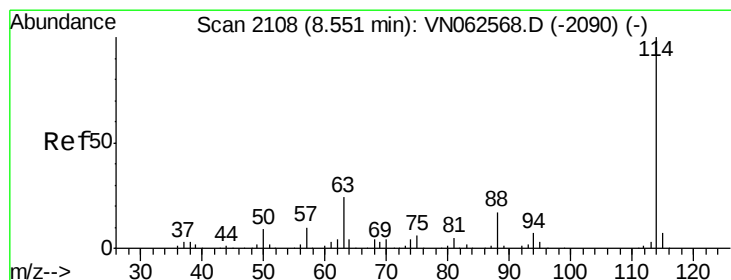
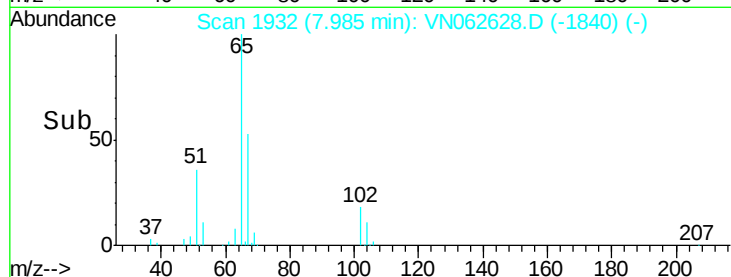
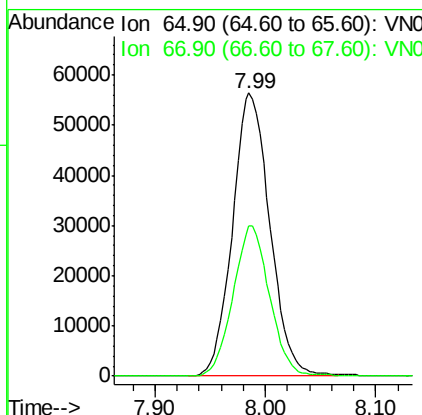
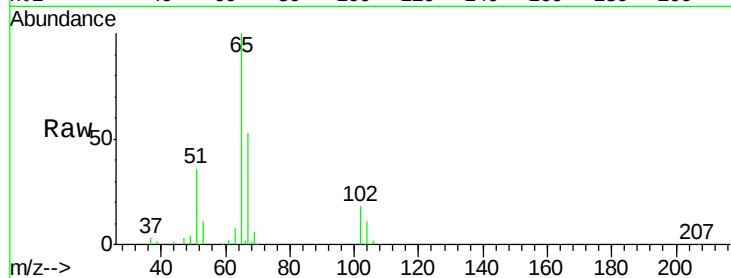




#33
 1,2-Dichloroethane-d4
 Concen: 54.549 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062628.D
 Acq: 28 Jul 2020 12:19

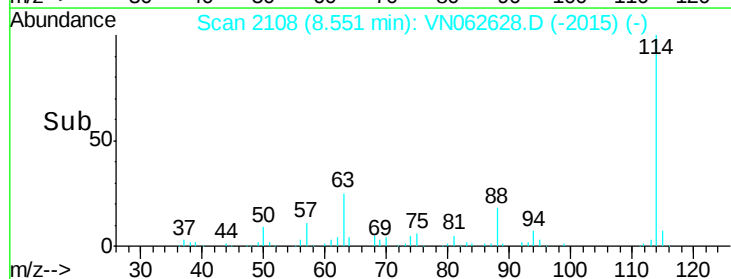
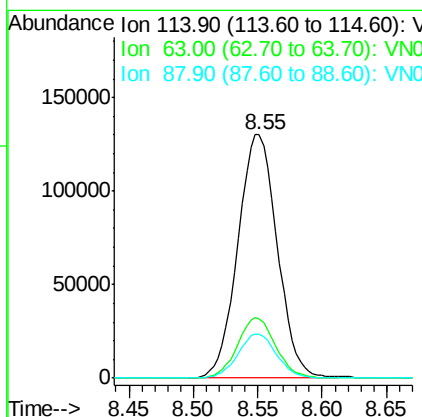
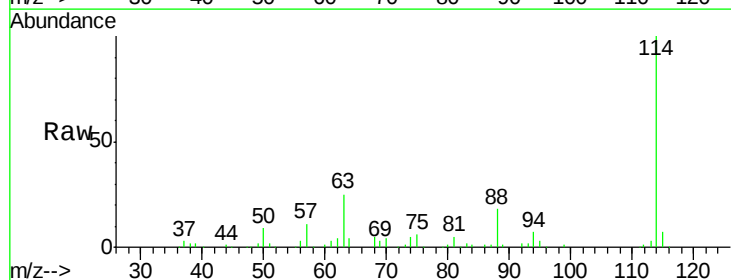
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBL01

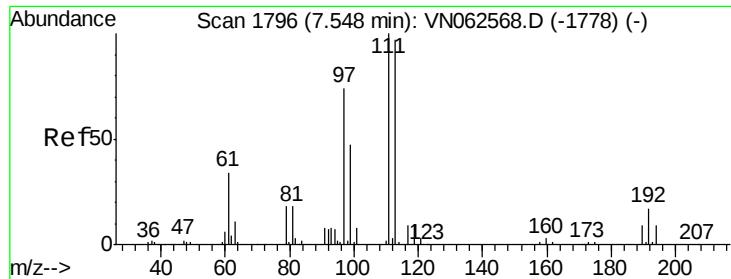
Tgt Ion: 65 Resp: 132109
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062628.D
 Acq: 28 Jul 2020 12:19

Tgt Ion: 114 Resp: 277121
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.4
 88 17.9 0.0 33.8

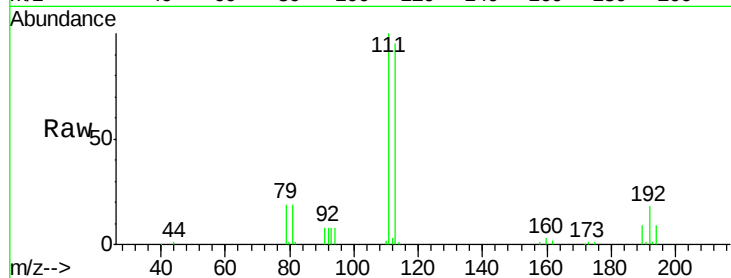




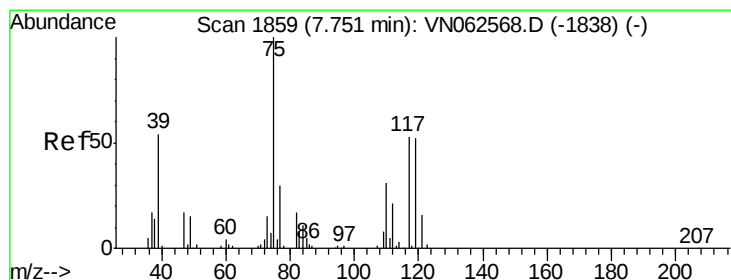
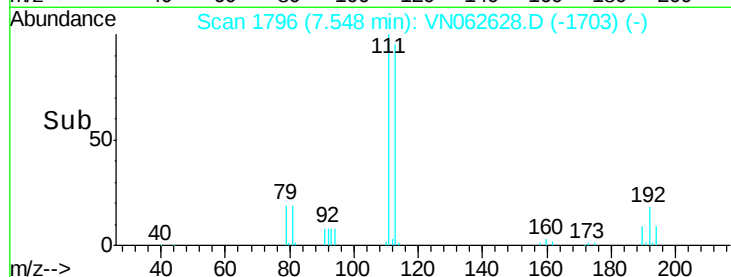
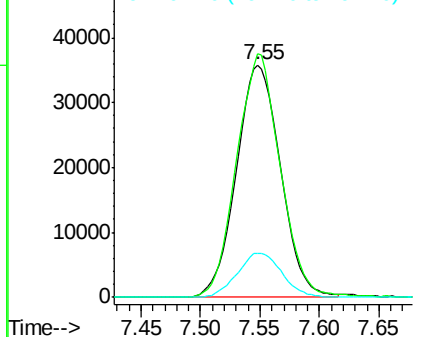
#35
 Dibromofluoromethane
 Concen: 50.612 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062628.D
 Acq: 28 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBL01

Tgt Ion:113 Resp: 92129
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.7 124.1
 192 19.0 14.8 22.2

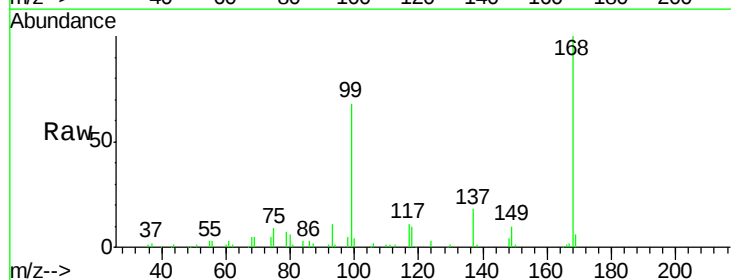


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

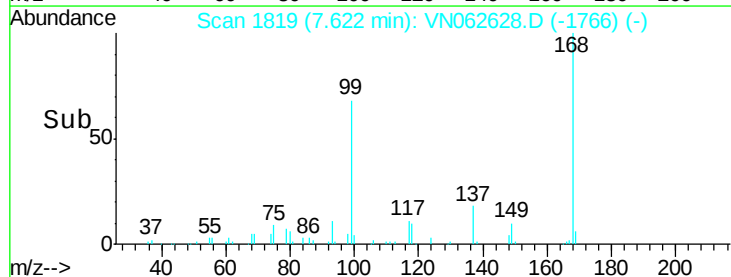
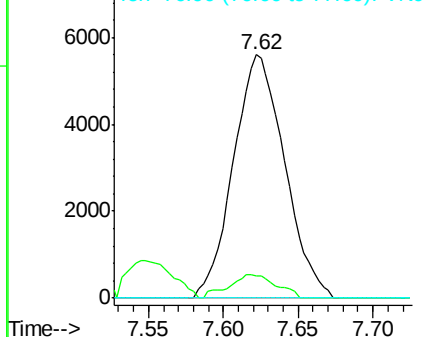


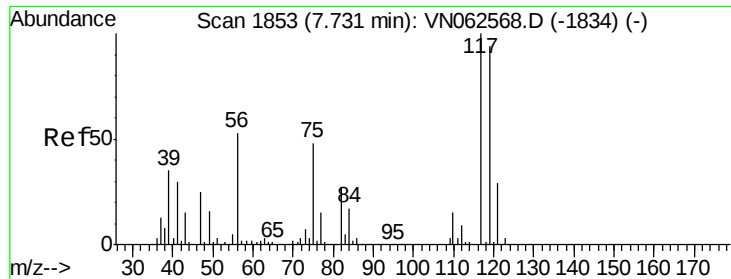
#36
 1,1-Dichloropropene
 Concen: 4.509 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062628.D
 Acq: 28 Jul 2020 12:19

Tgt Ion: 75 Resp: 13320
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.0 48.0#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.766 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062628.D

Acq: 28 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0728WBL01

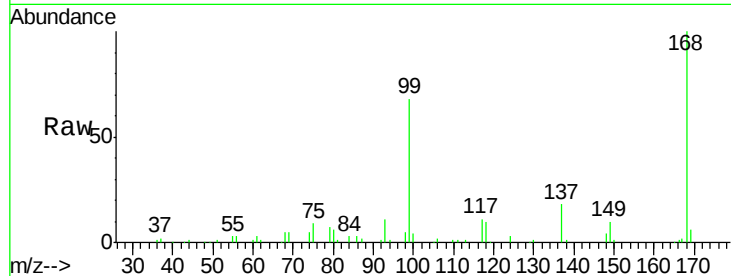
Tgt Ion:117 Resp: 16371

Ion Ratio Lower Upper

117 100

119 4.5 74.8 112.2#

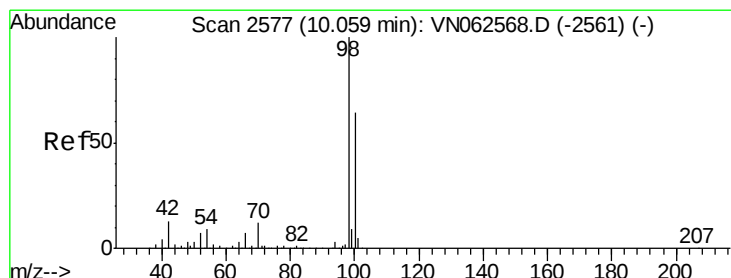
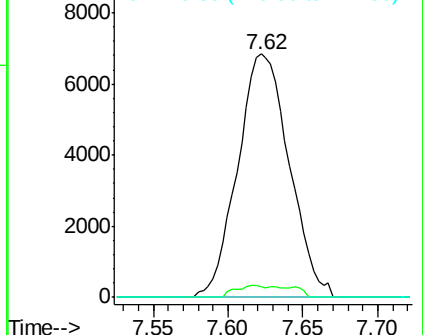
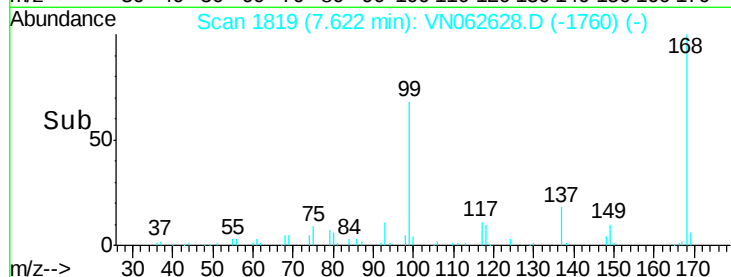
121 0.0 23.0 34.6#



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: 49.798 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062628.D

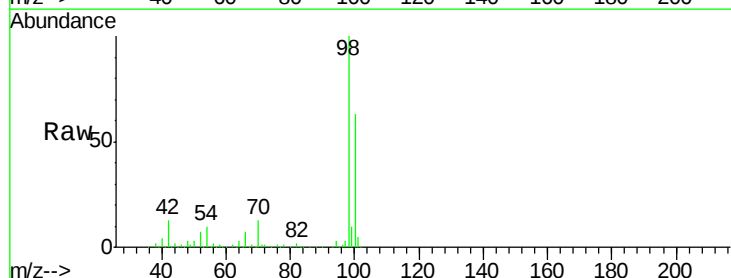
Acq: 28 Jul 2020 12:19

Tgt Ion: 98 Resp: 361677

Ion Ratio Lower Upper

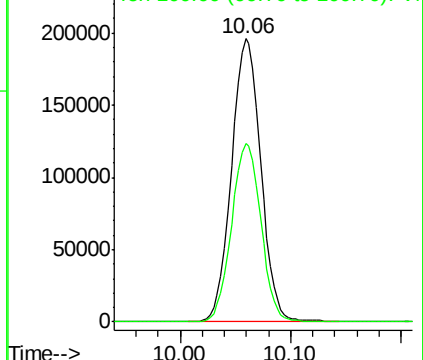
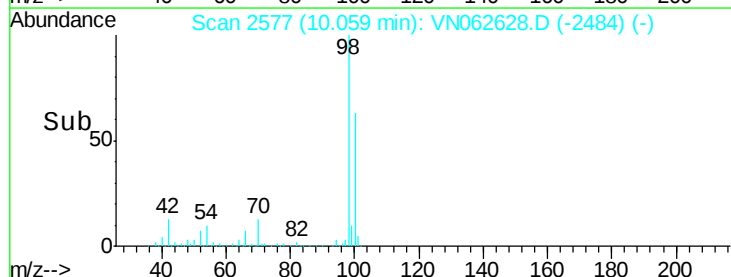
98 100

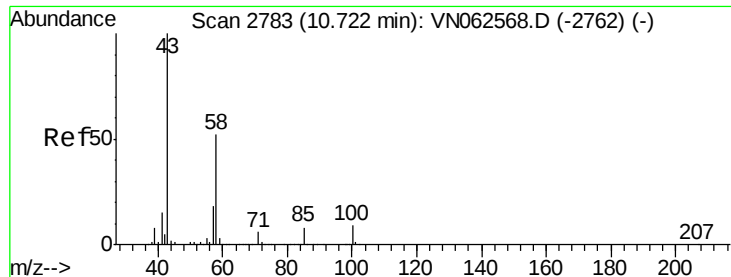
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

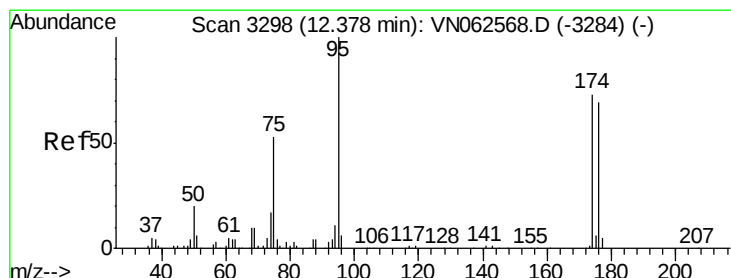
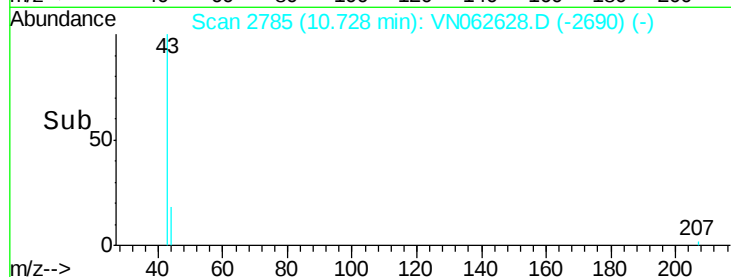
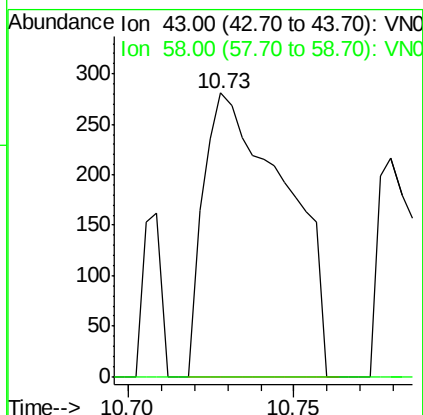
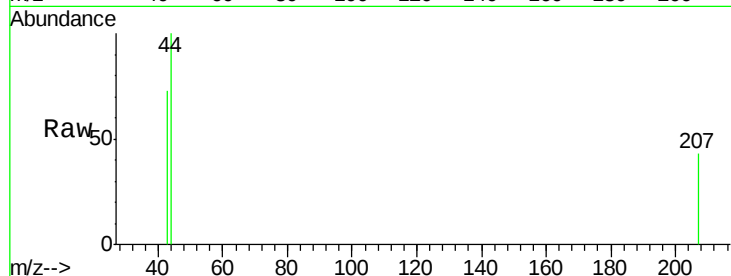




#59
2-Hexanone
Concen: 3.161 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

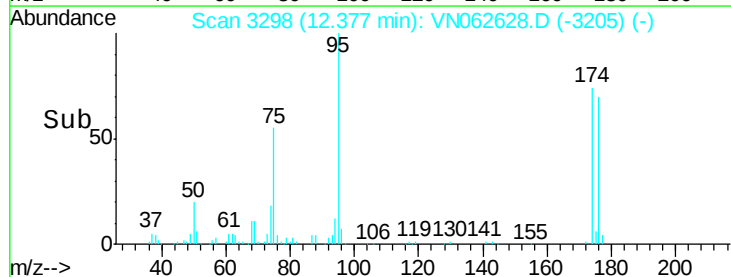
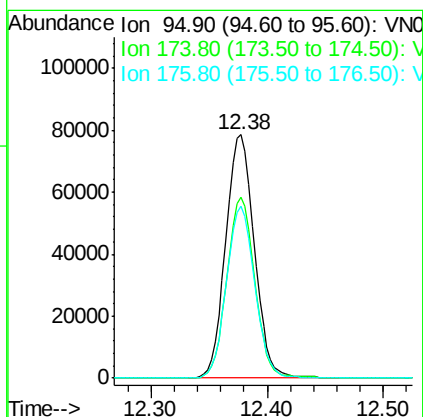
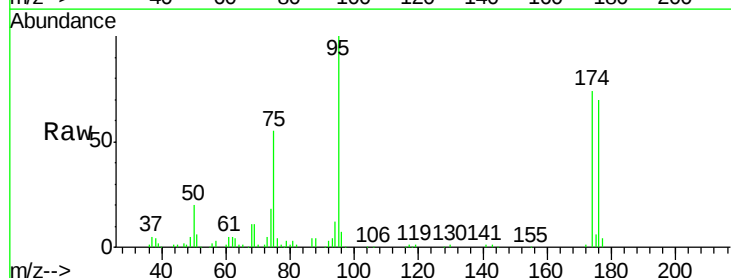
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

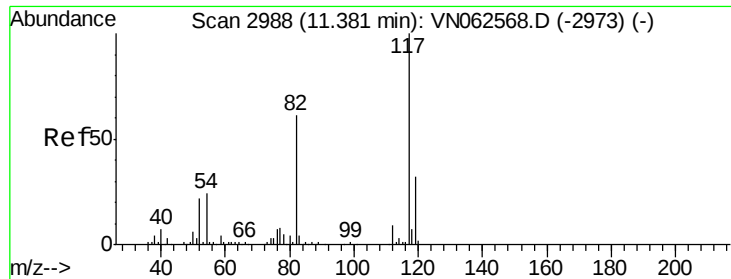
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 0.0 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 50.482 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

Tgt Ion: 95 Resp: 134061
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 69.4 0.0 139.4

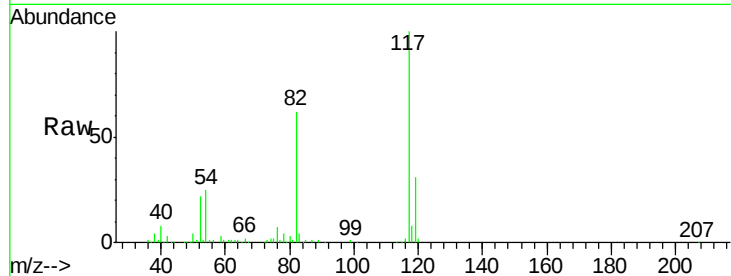




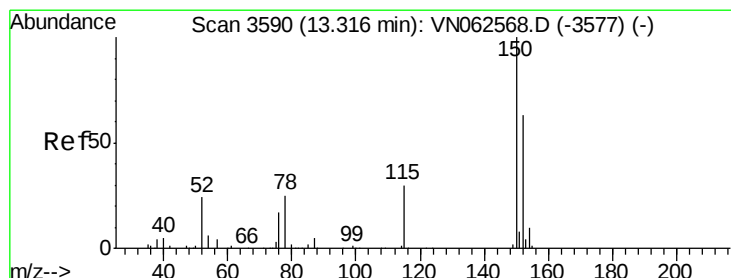
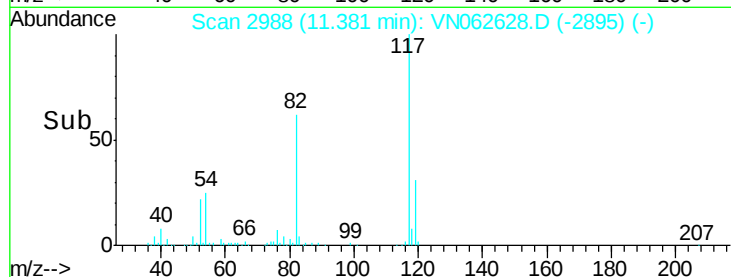
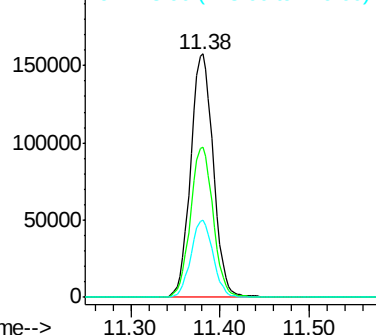
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBL01

Tgt Ion:117 Resp: 277383
Ion Ratio Lower Upper
117 100
82 61.9 49.0 73.6
119 31.5 25.4 38.2

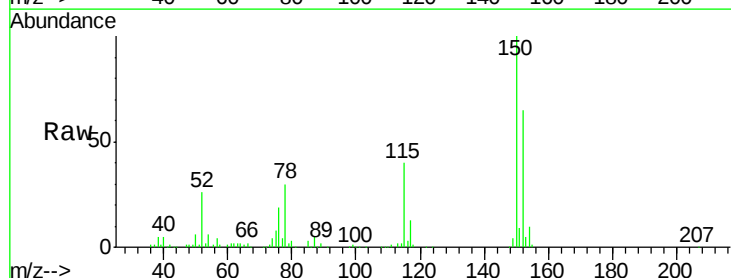


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

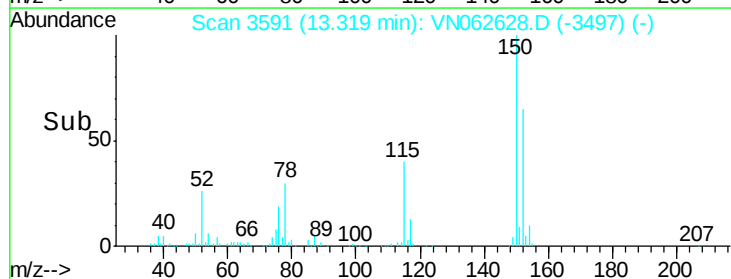
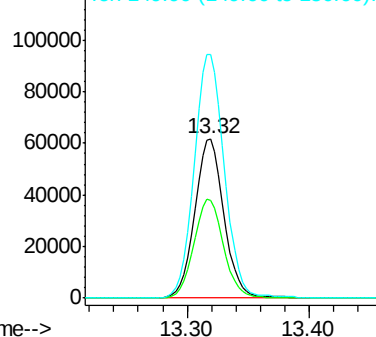


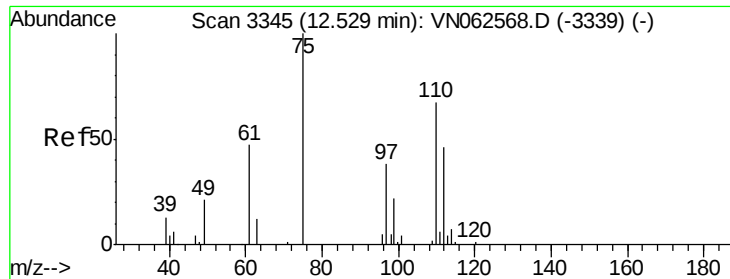
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062628.D
Acq: 28 Jul 2020 12:19

Tgt Ion:152 Resp: 103645
Ion Ratio Lower Upper
152 100
115 63.2 31.8 95.4
150 157.9 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: 27.322 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062628.D

Acq: 28 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

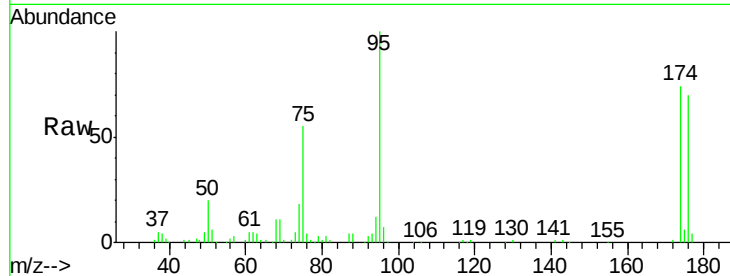
VN0728WBL01

Tgt Ion: 75 Resp: 72080

Ion Ratio Lower Upper

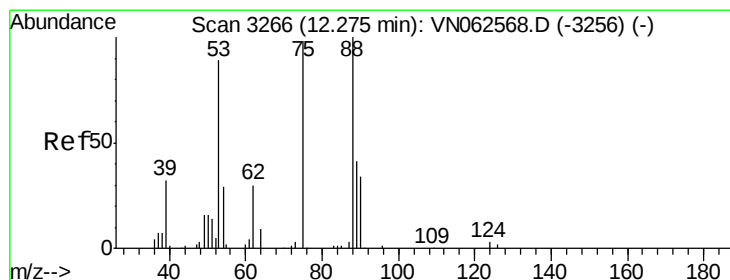
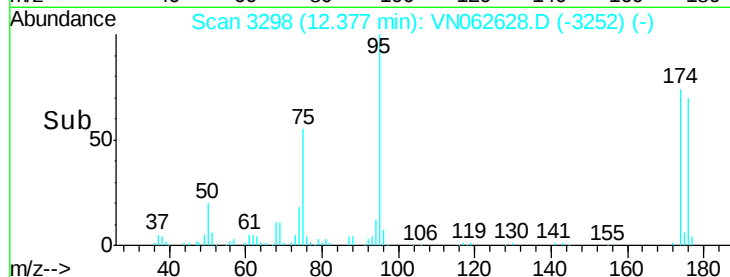
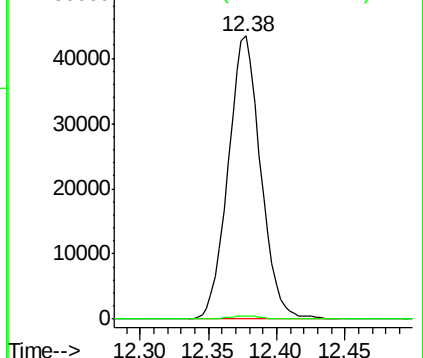
75 100

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: 76.059 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062628.D

Acq: 28 Jul 2020 12:19

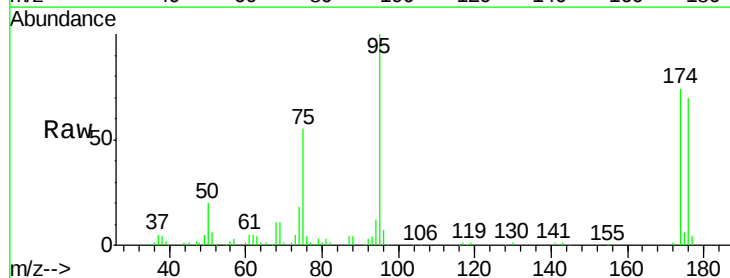
Tgt Ion: 75 Resp: 72080

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

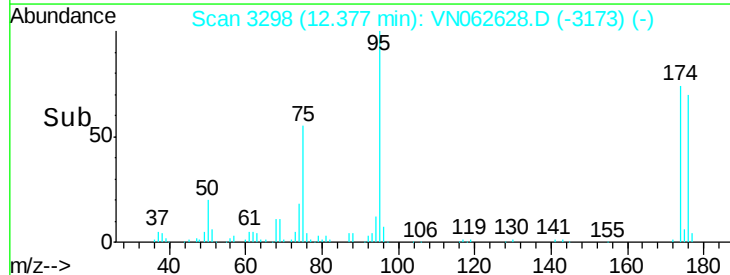
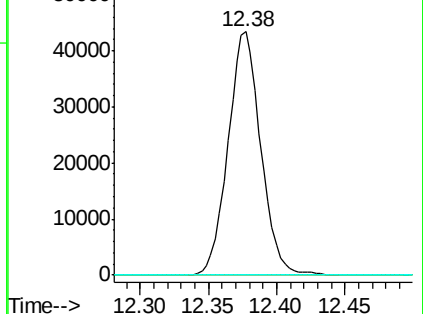
89 0.0 34.5 51.7#

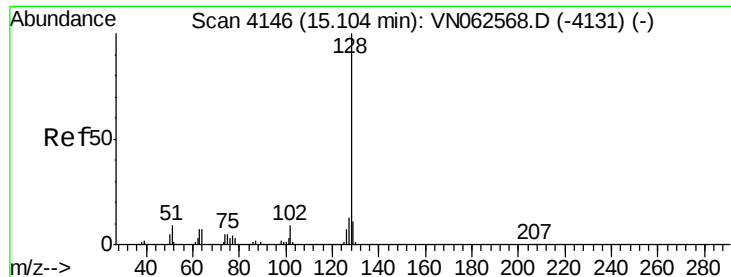


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: 3.959 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062628.D

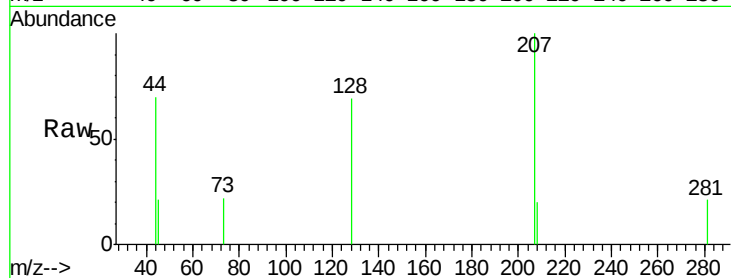
Acq: 28 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBL01



Tgt Ion:128 Resp: 983

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

