

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062778.D
 Acq On : 7 Aug 2020 10:38
 Operator : JC/MD
 Sample : VN0807MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

Quant Time: Aug 08 02:12:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	135247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82496	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	114902	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.54	113	84088	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.06	98	307464	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.38	95	104945	43.69	ug/l	0.00
Spiked Amount			Recovery	=	87.38%	

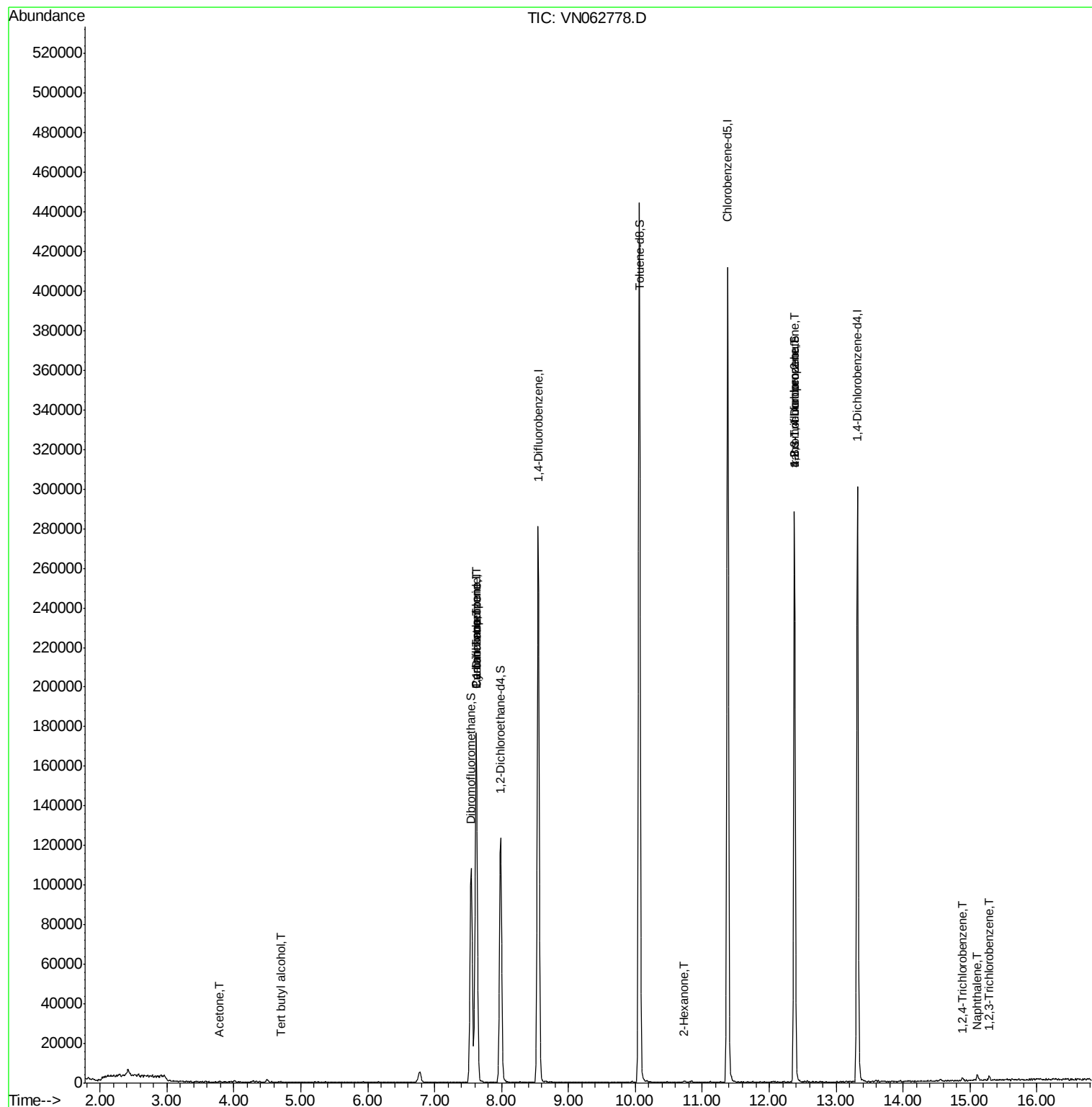
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	95	0.259	ug/l #	72
16) Acetone	3.78	43	283	0.350	ug/l #	45
17) Carbon Disulfide	4.02	76	745	Below Cal	#	74
18) Methyl Acetate	4.28	43	978	Below Cal	#	52
20) Methylene Chloride	4.49	84	1020	Below Cal	#	76
31) Cyclohexane	7.62	56	2819	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	12070	5.208	ug/l #	52
38) Carbon Tetrachloride	7.62	117	13907	5.074	ug/l #	15
59) 2-Hexanone	10.72	43	760	0.390	ug/l #	37
76) 1,2,3-Trichloropropane	12.38	75	55940	25.144	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55940	76.756	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	837	3.885	ug/l #	70
95) Naphthalene	15.11	128	3621	4.592	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.29	180	993	3.426	ug/l #	86

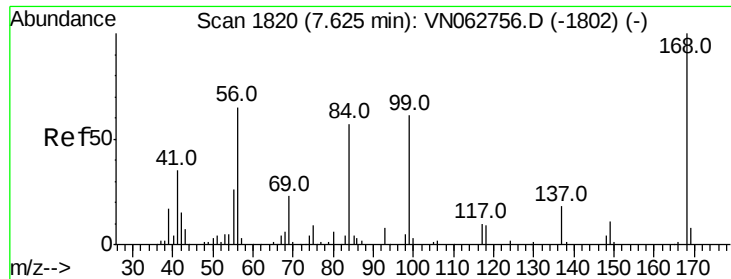
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 7 Aug 2020 10:38
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Aug 08 02:12:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
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: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

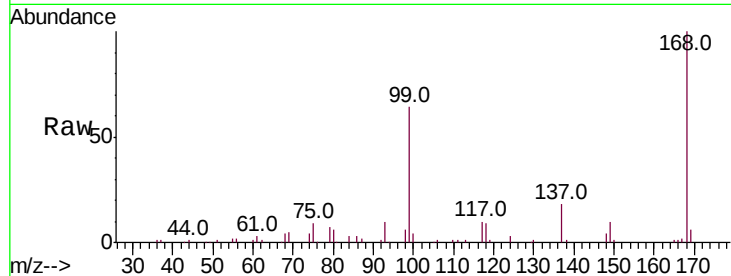
VN0807MBL01

Tot Ion:168 Resp: 135247

Ion Ratio Lower Upper

168 100

99 64.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

50000

40000

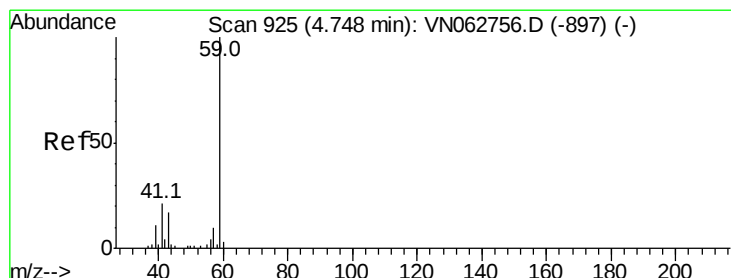
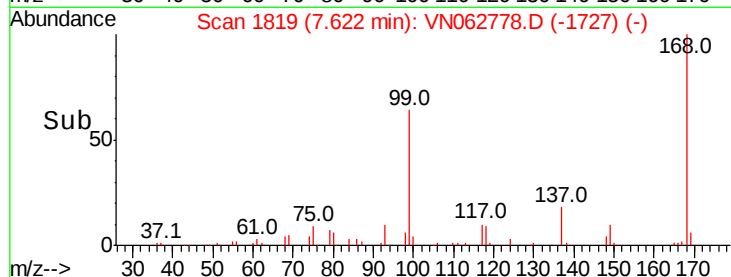
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 0.259 ug/l

RT: 4.70 min Scan# 911

Delta R.T. -0.04 min

Lab File: VN062778.D

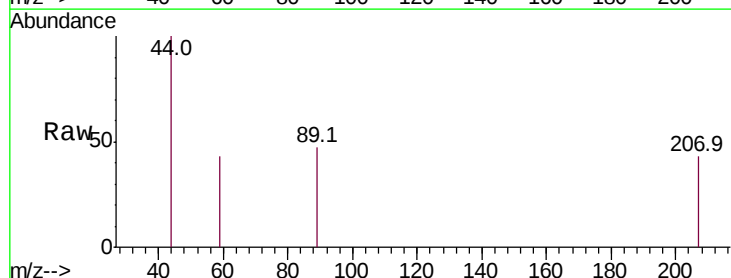
Acq: 7 Aug 2020 10:38

Tgt Ion: 59 Resp: 95

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.70

200

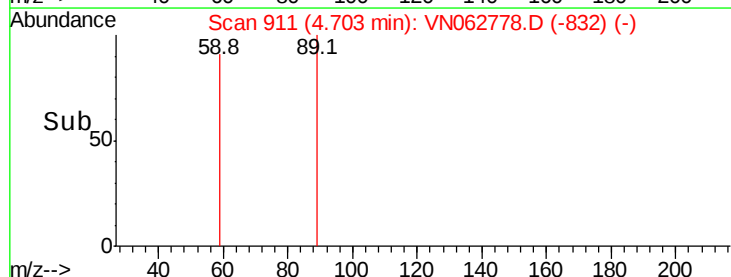
150

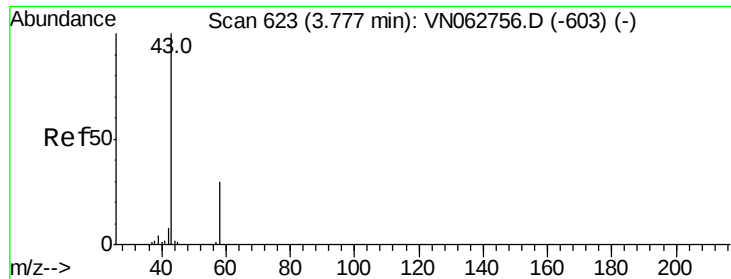
100

50

0

Time--> 4.69 4.70 4.71





#16

Acetone

Concen: 0.350 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

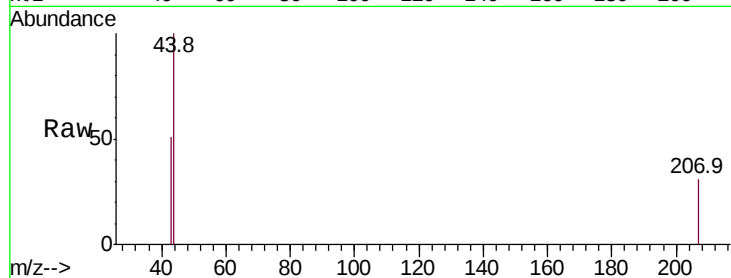
VN0807MBL01

Tot Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#

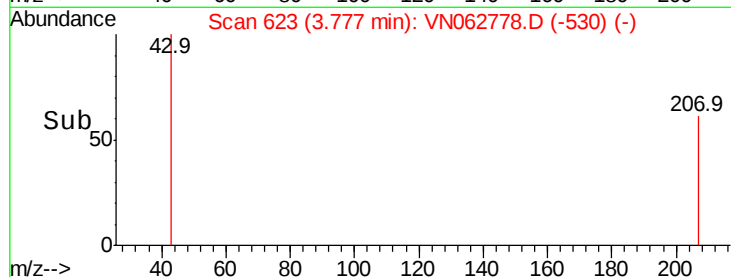


Abundance Ion 43.00 (42.70 to 43.70): VN0

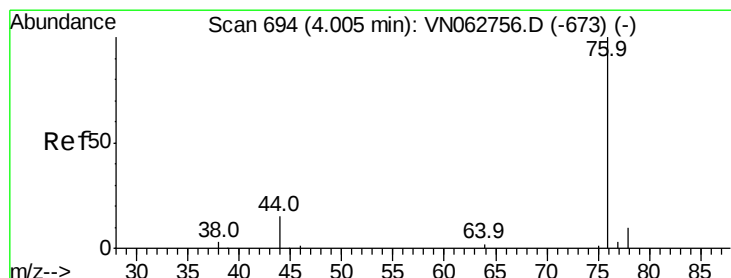
Ion 58.00 (57.70 to 58.70): VN0

3.78

3.79



Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN062778.D

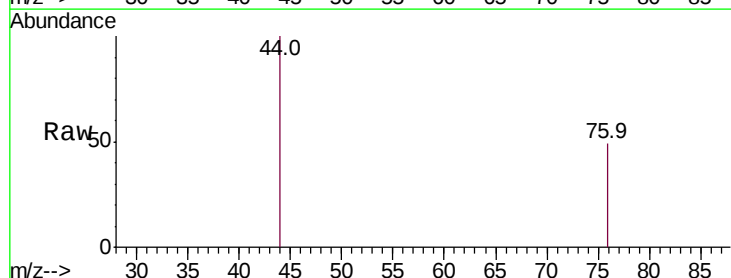
Acq: 7 Aug 2020 10:38

Tgt Ion: 76 Resp: 745

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#

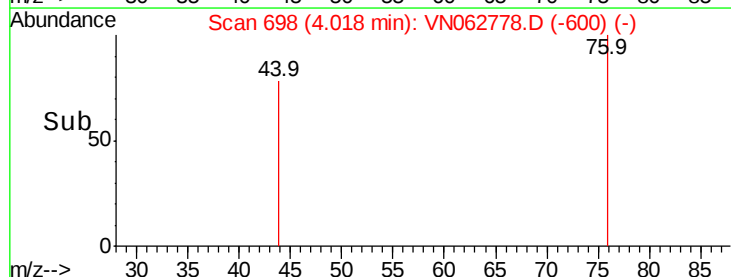


Abundance Ion 75.90 (75.60 to 76.60): VN0

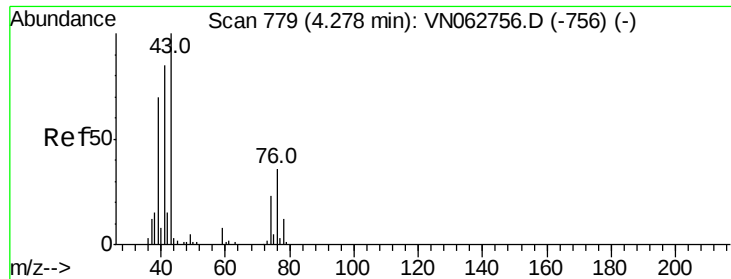
Ion 77.90 (77.60 to 78.60): VN0

4.02

4.05



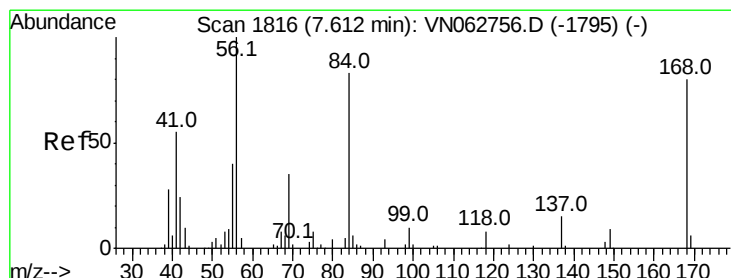
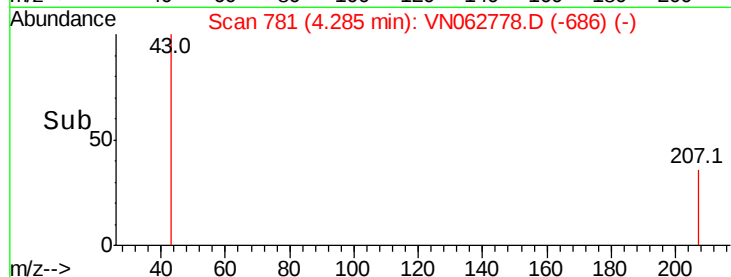
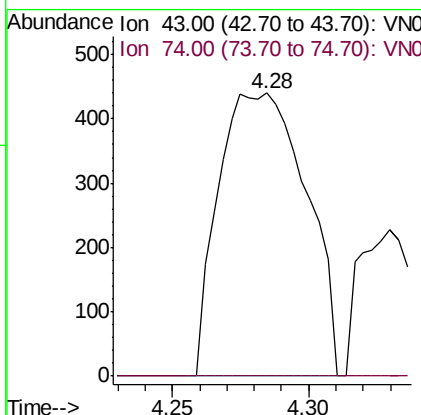
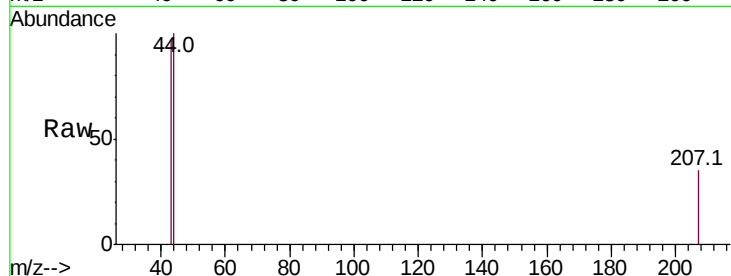
Time-->



#18
Methvl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

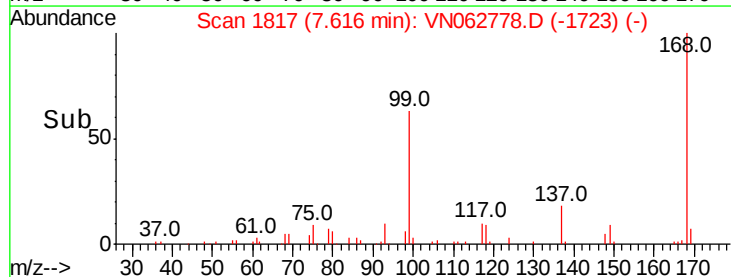
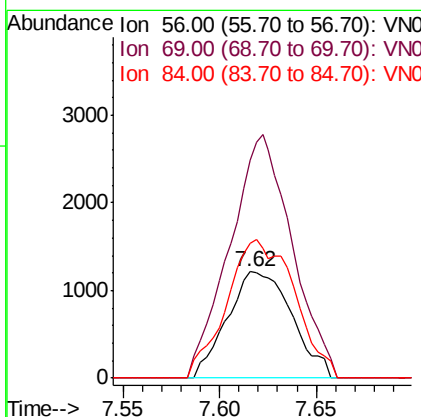
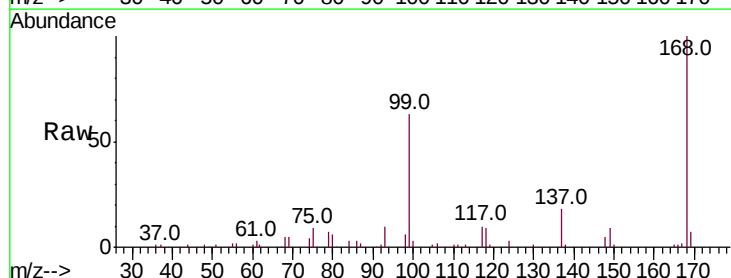
Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

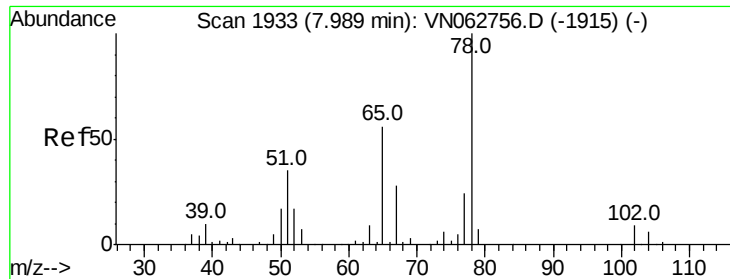
Tot Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

Tgt Ion: 56 Resp: 2819
Ion Ratio Lower Upper
56 100
69 204.7 28.1 42.1#
84 126.9 66.8 100.2#

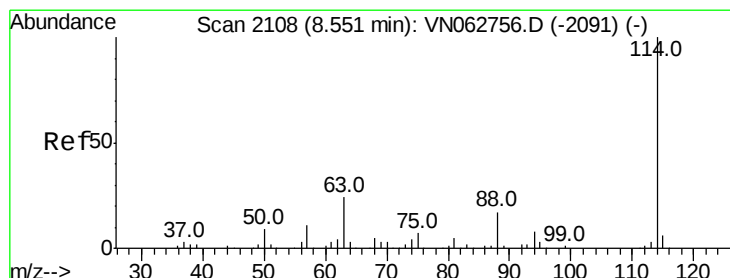
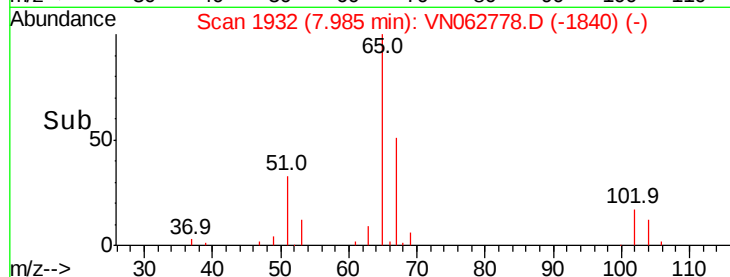
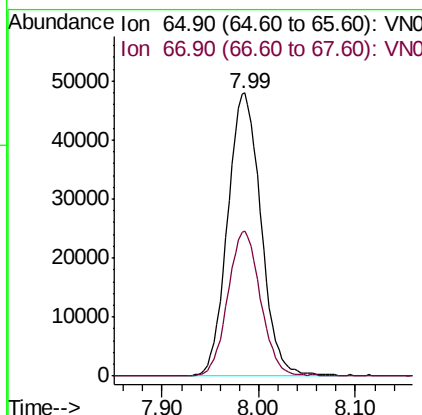
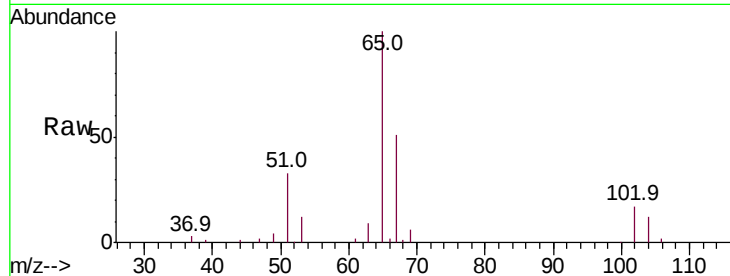




#33
 1,2-Dichloroethane-d4
 Concen: 51.374 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

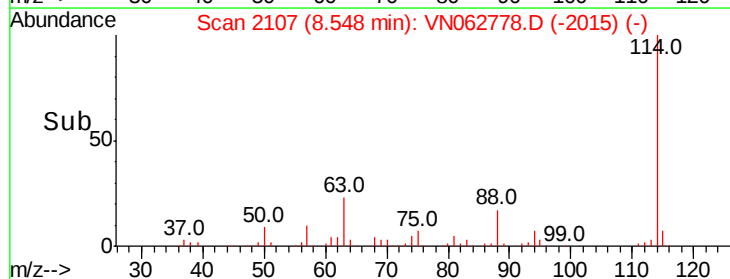
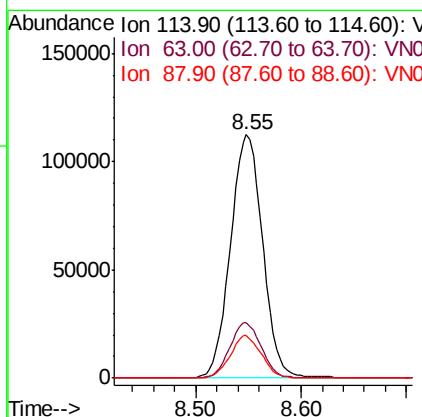
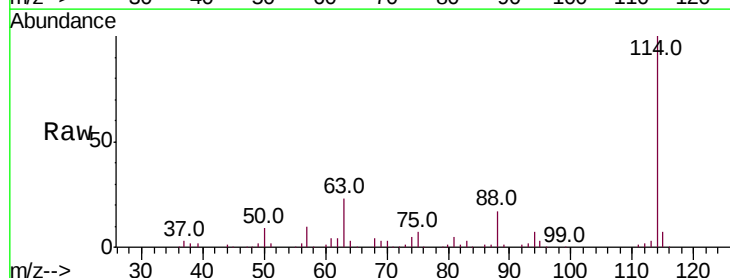
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

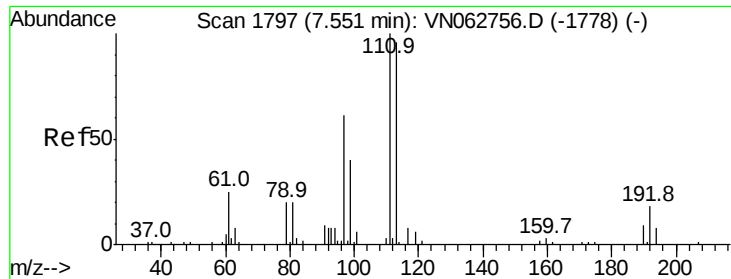
Tot Ion: 65 Resp: 114902
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

Tgt Ion: 114 Resp: 237996
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.6
 88 17.3 0.0 34.4

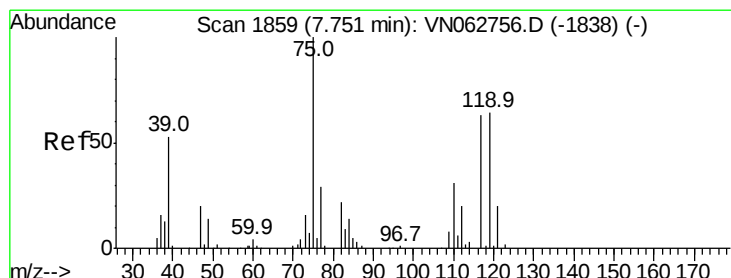
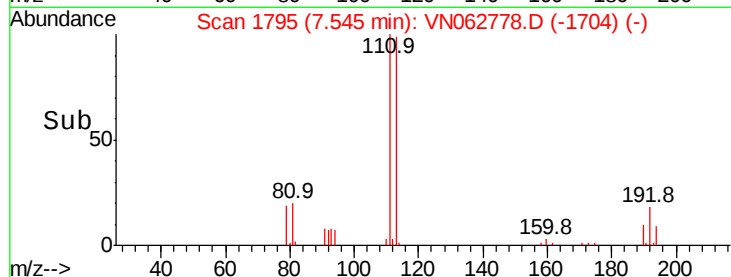
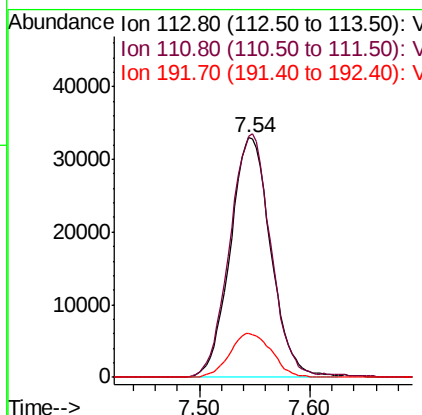
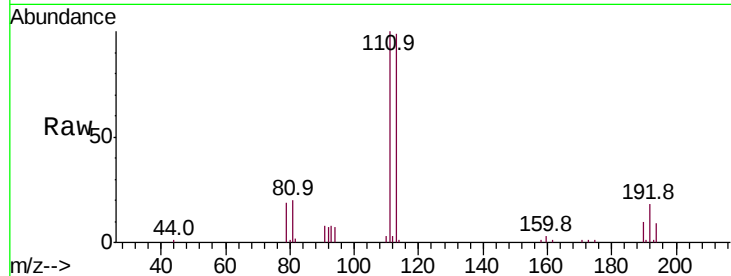




#35
 Dibromofluoromethane
 Concen: 51.650 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

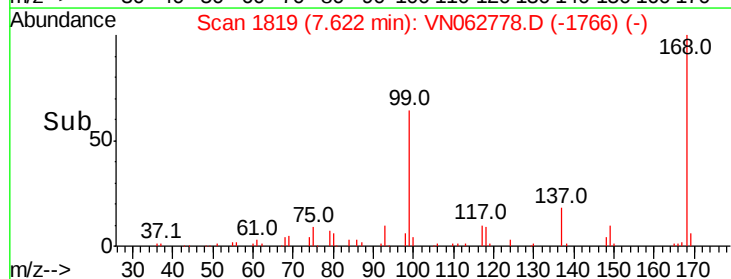
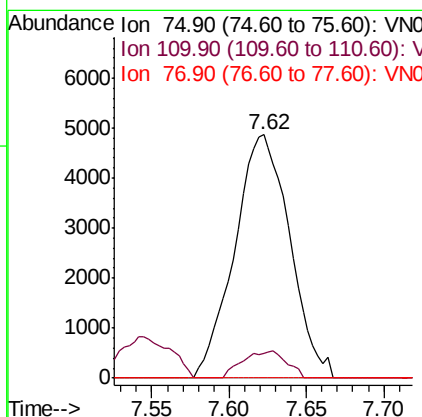
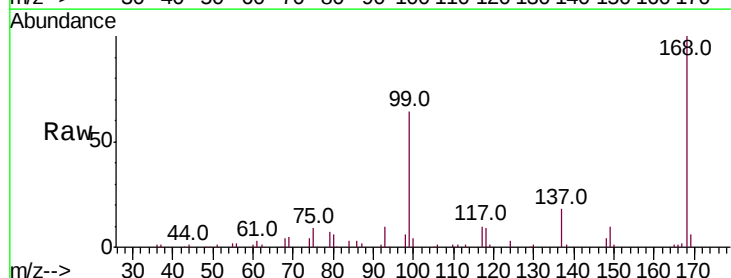
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

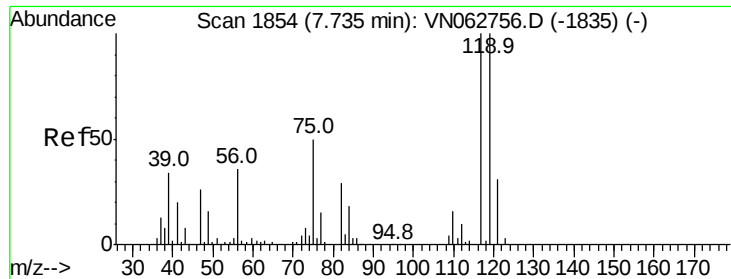
Tot Ion:113 Resp: 84088
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.6
 192 18.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.208 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

Tgt Ion: 75 Resp: 12070
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.6 46.7#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.074 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

VN0807MBL01

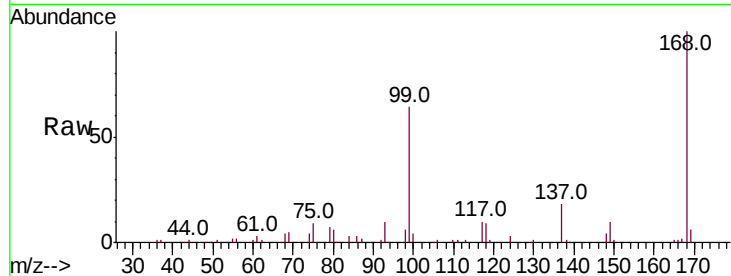
Tot Ion:117 Resp: 13907

Ion Ratio Lower Upper

117 100

119 5.6 79.4 119.2#

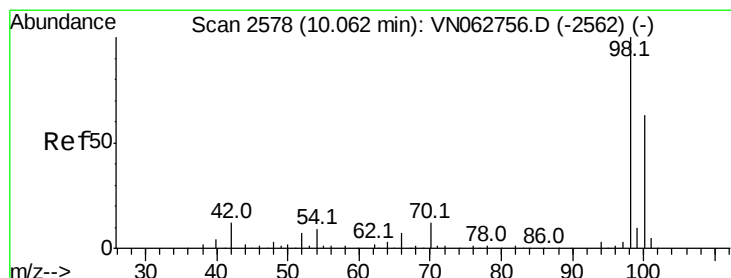
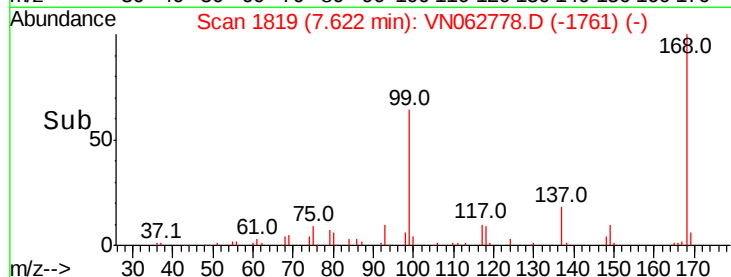
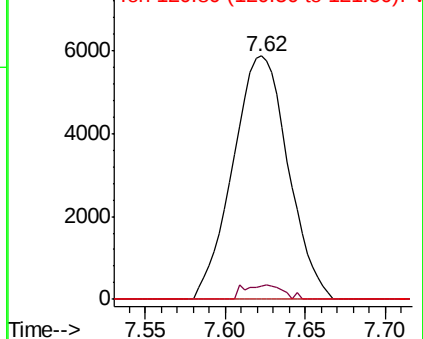
121 0.0 24.9 37.3#



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: 48.374 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062778.D

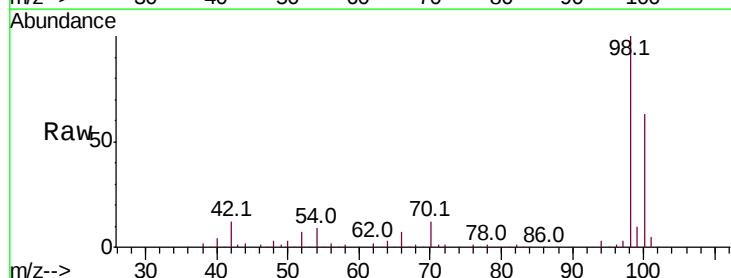
Acq: 7 Aug 2020 10:38

Tgt Ion: 98 Resp: 307464

Ion Ratio Lower Upper

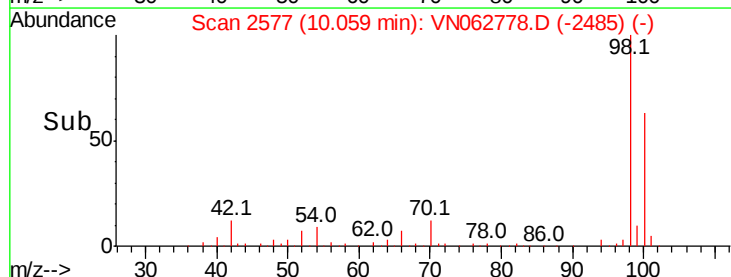
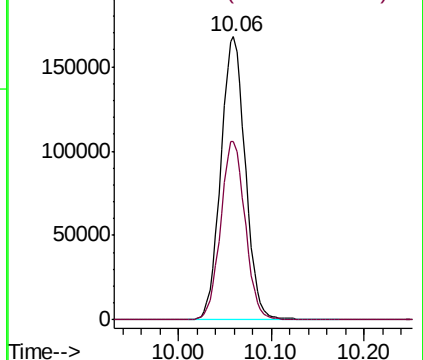
98 100

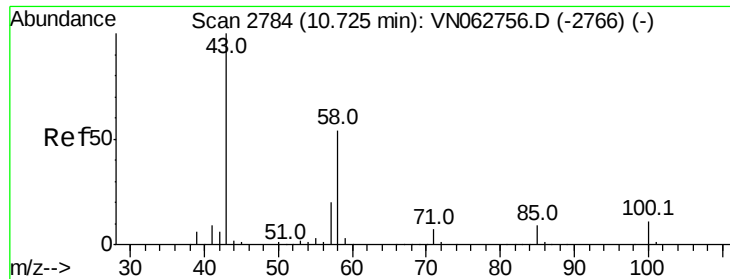
100 63.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#59

2-Hexanone

Concen: 0.390 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampled :

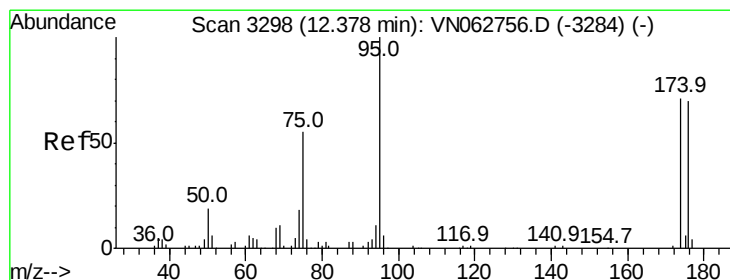
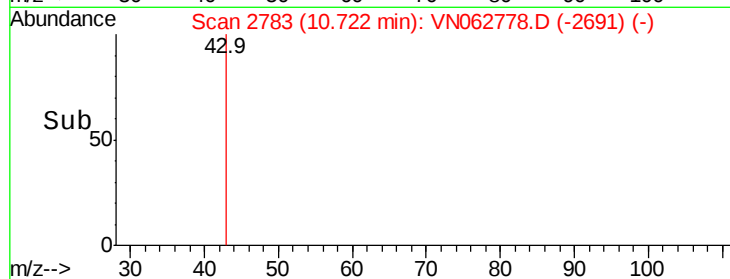
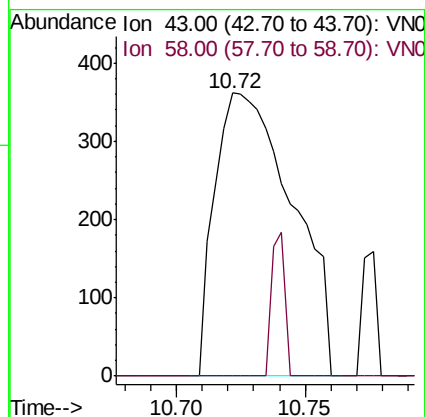
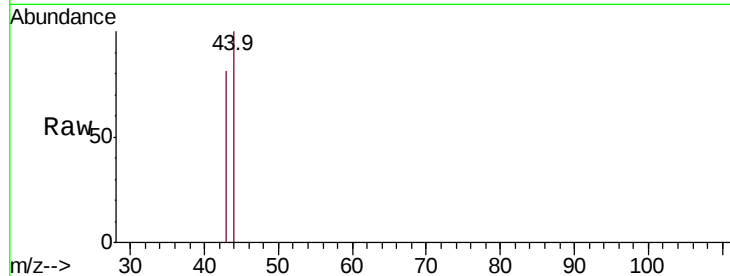
VN0807MBL01

Tot Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 8.8 26.7 80.1#



#62

4-Bromofluorobenzene

Concen: 43.692 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

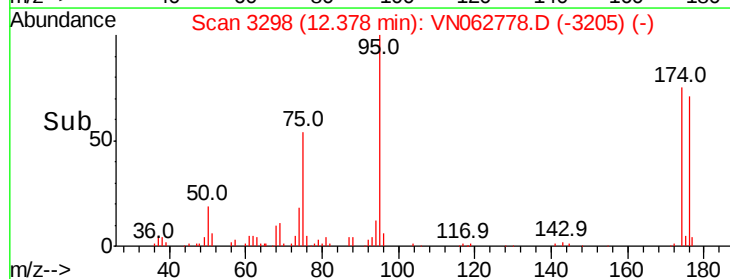
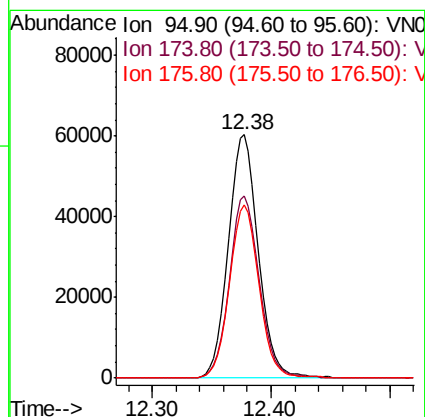
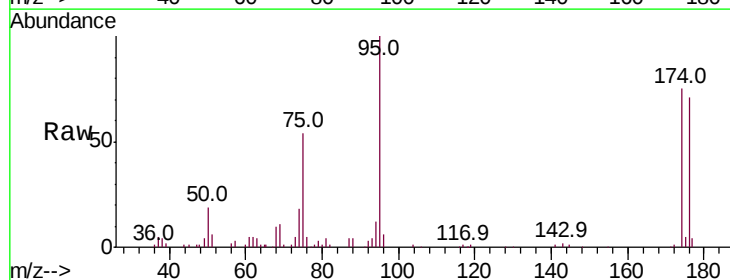
Tgt Ion: 95 Resp: 104945

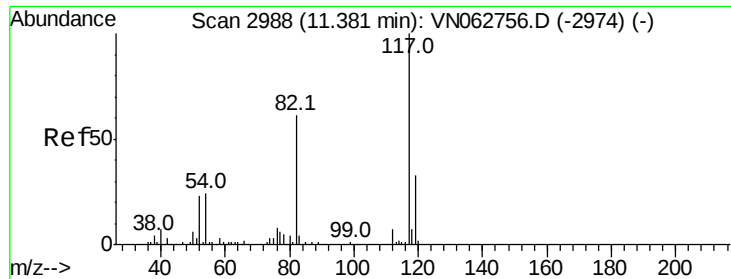
Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.8

176 70.2 0.0 142.2

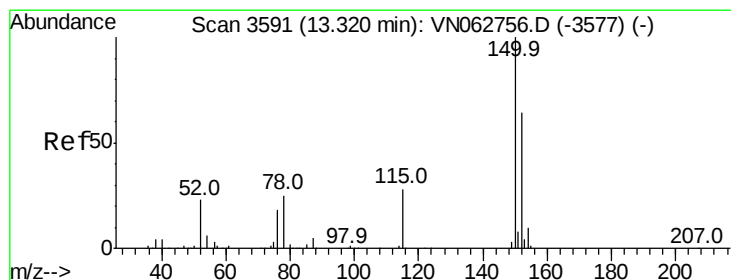
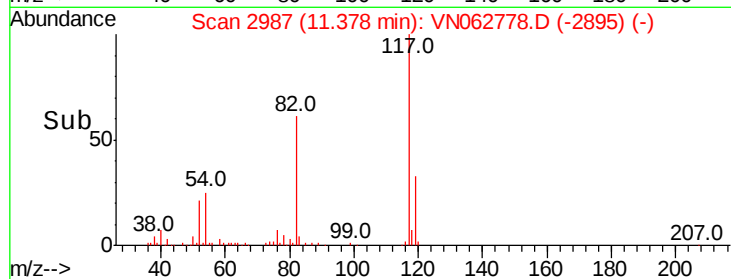
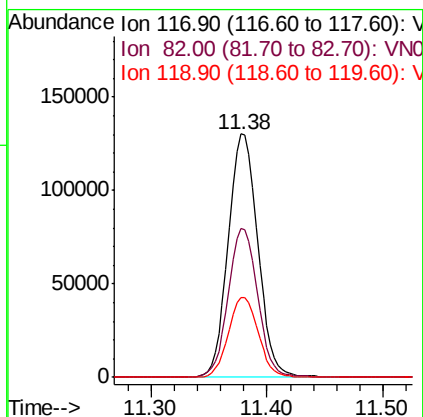
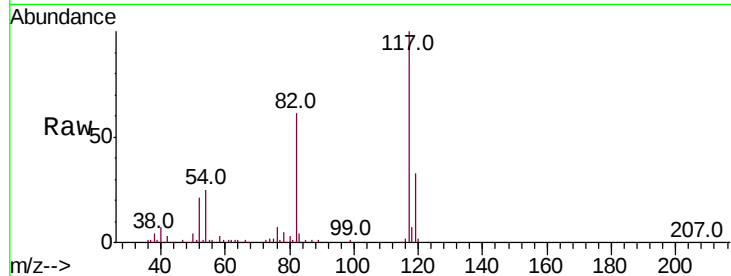




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

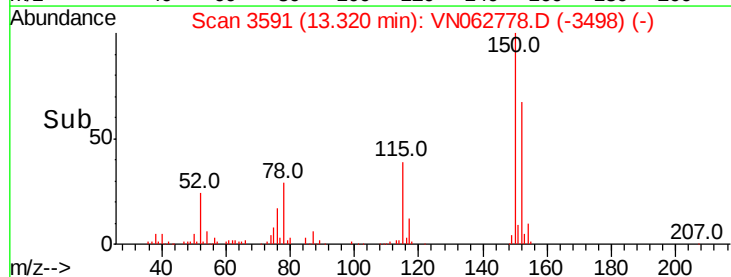
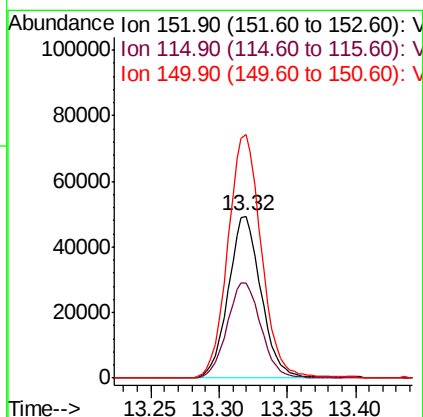
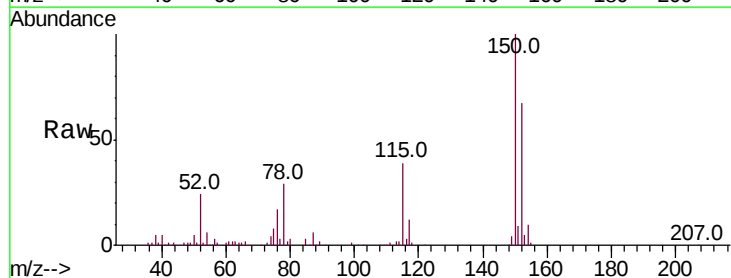
Instrument :
MSVOA_N
ClientSampleId :
VN0807MBL01

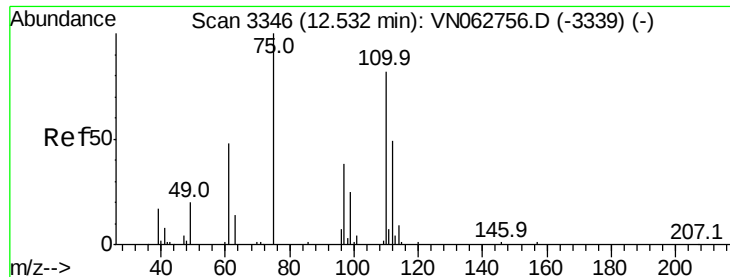
Tot Ion:117 Resp: 230271
Ion Ratio Lower Upper
117 100
82 61.0 49.0 73.4
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062778.D
Acq: 7 Aug 2020 10:38

Tgt Ion:152 Resp: 82496
Ion Ratio Lower Upper
152 100
115 61.1 31.6 94.8
150 153.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 25.144 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

Instrument :

MSVOA_N

ClientSampleId :

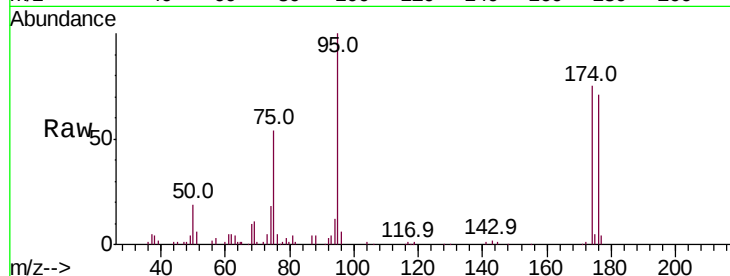
VN0807MBL01

Tot Ion: 75 Resp: 55940

Ion Ratio Lower Upper

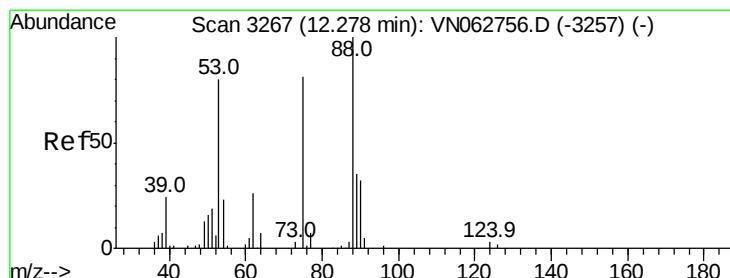
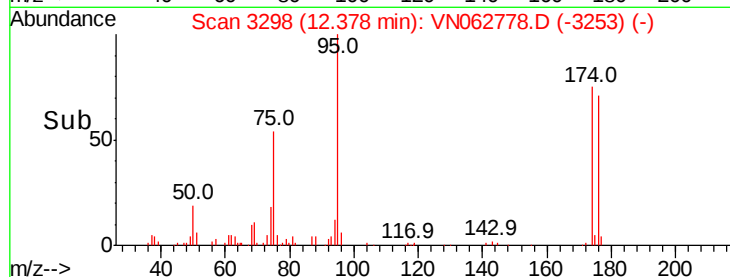
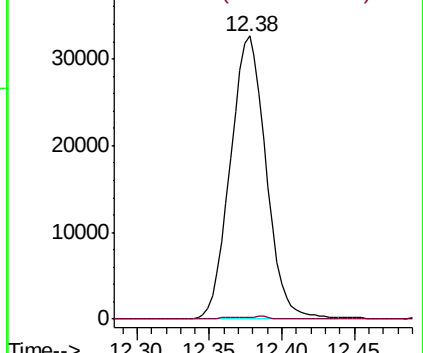
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 76.756 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062778.D

Acq: 7 Aug 2020 10:38

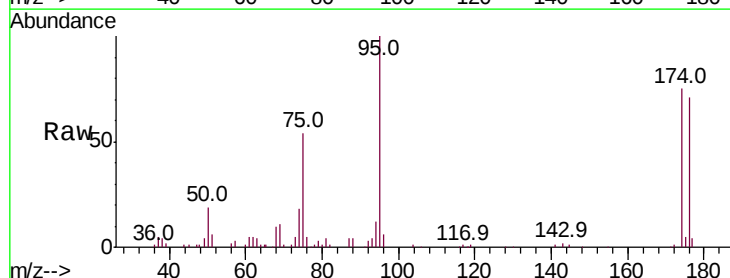
Tgt Ion: 75 Resp: 55940

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

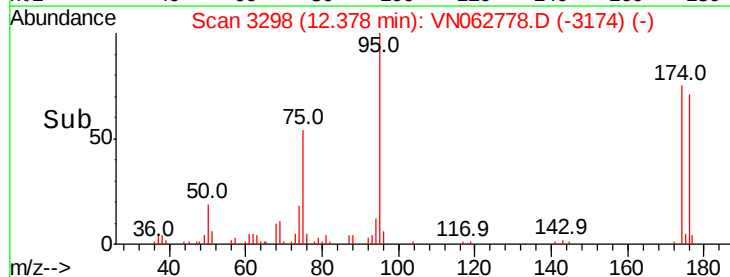
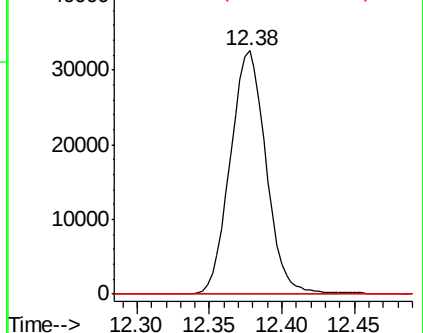
89 0.0 36.2 54.2#

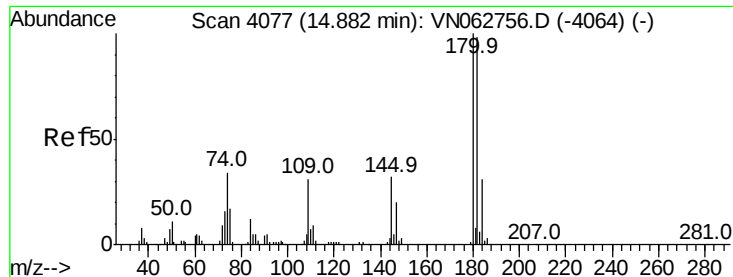


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

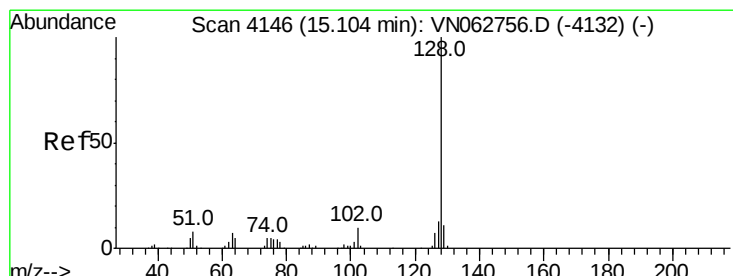
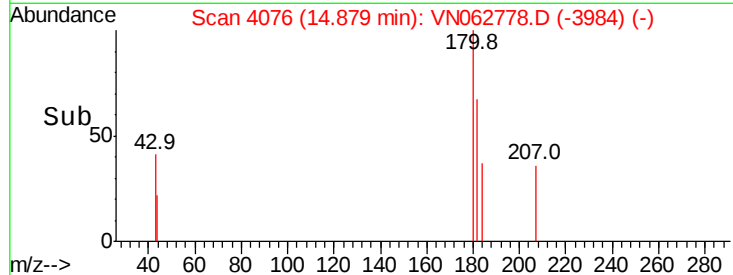
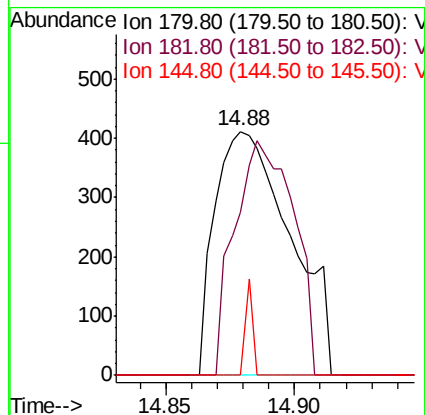
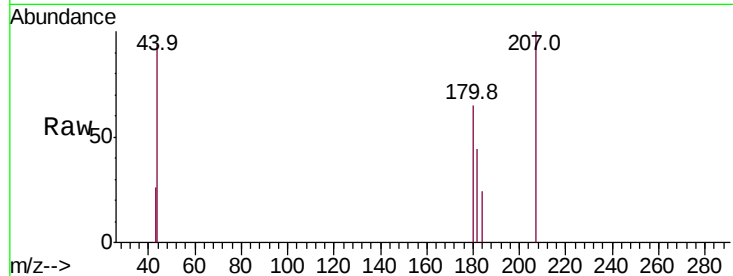




#93
 1,2,4-Trichlorobenzene
 Concen: 3.885 ug/l
 RT: 14.88 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

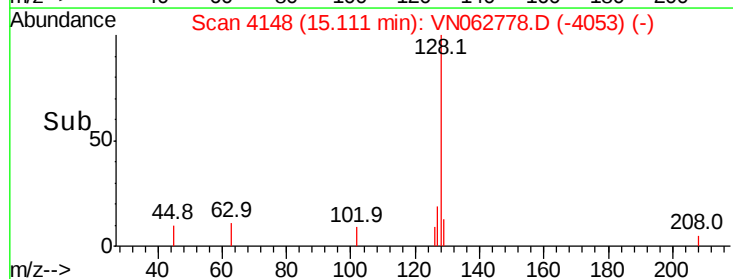
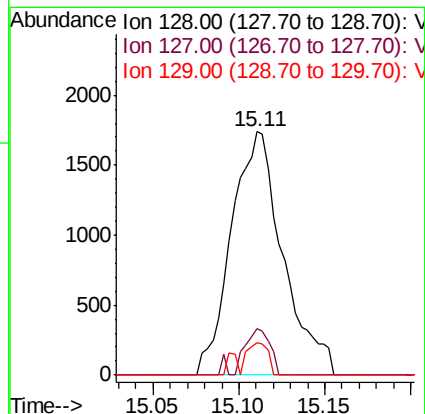
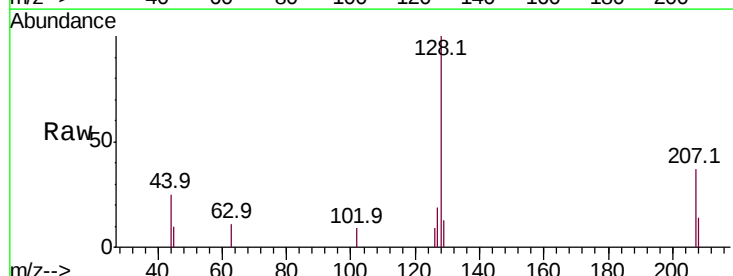
Instrument :
 MSVOA_N
 ClientSampled :
 VN0807MBL01

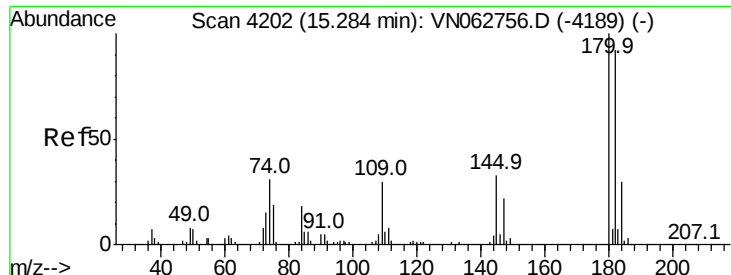
Tot Ion:180 Resp: 837
 Ion Ratio Lower Upper
 180 100
 182 75.6 49.1 147.4
 145 3.7 16.3 48.8#



#95
 Naphthalene
 Concen: 4.592 ug/l
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

Tgt Ion:128 Resp: 3621
 Ion Ratio Lower Upper
 128 100
 127 9.1 10.8 16.2#
 129 5.4 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.426 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062778.D
 Acq: 7 Aug 2020 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBL01

Tot Ion:180 Resp: 993
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.9 143.6
 145 6.1 17.3 51.7#

