

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092520\
 Data File : VN063674.D
 Acq On : 25 Sep 2020 13:31
 Operator : JC/MD
 Sample : VN0925MBL01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925MBL01

Quant Time: Sep 28 02:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159995	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	175588	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	
35) Dibromofluoromethane	7.55	113	128019	47.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.46%	
50) Toluene-d8	10.06	98	491485	48.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	192544	52.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.16%	

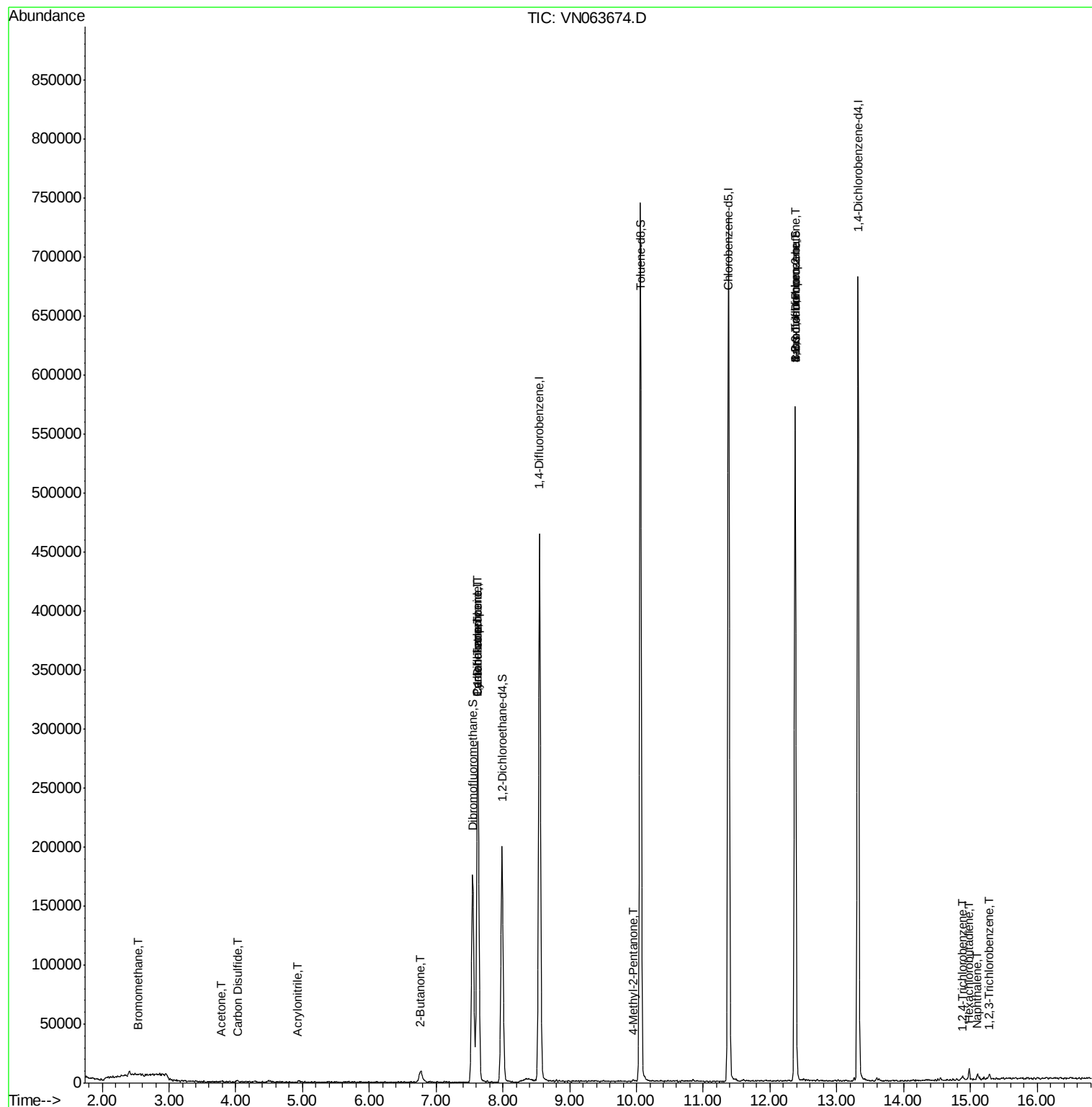
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	364	0.222	ug/l #	3
15) Acrylonitrile	4.93	53	283	0.227	ug/l #	60
16) Acetone	3.78	43	663	0.583	ug/l #	47
17) Carbon Disulfide	4.02	76	1383	0.203	ug/l #	75
25) 2-Butanone	6.77	43	535	0.306	ug/l #	51
31) Cyclohexane	7.62	56	6683	1.367	ug/l #	28
36) 1,1-Dichloropropene	7.62	75	20650	5.003	ug/l #	51
38) Carbon Tetrachloride	7.62	117	22213	5.272	ug/l #	17
51) 4-Methyl-2-Pentanone	9.95	43	891	0.220	ug/l #	39
71) Bromoform	12.37	173	655	0.297	ug/l #	29
76) 1,2,3-Trichloropropane	12.38	75	106275	26.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106275	73.575	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	1378	0.445	ug/l	77
94) Hexachlorobutadiene	14.98	225	1668	1.302	ug/l	95
95) Naphthalene	15.10	128	4613	0.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1559	0.522	ug/l	95

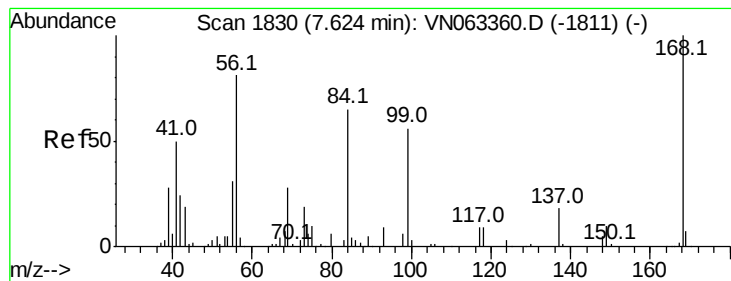
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
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Acq On : 25 Sep 2020 13:31
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Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

Quant Time: Sep 28 02:01:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

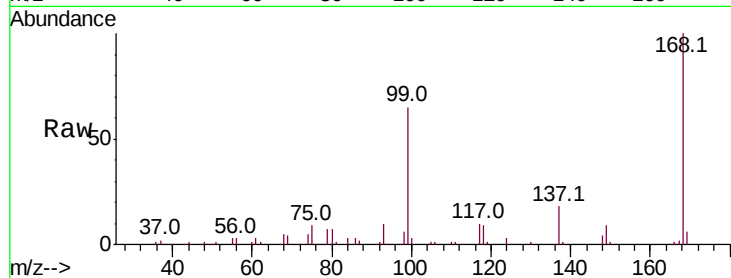
VN0925MBL01

Tot Ion:168 Resp: 207907

Ion Ratio Lower Upper

168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

40000

20000

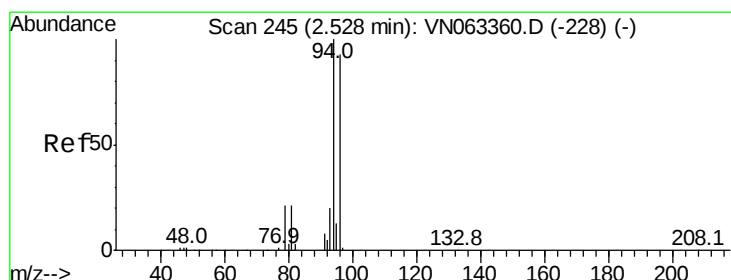
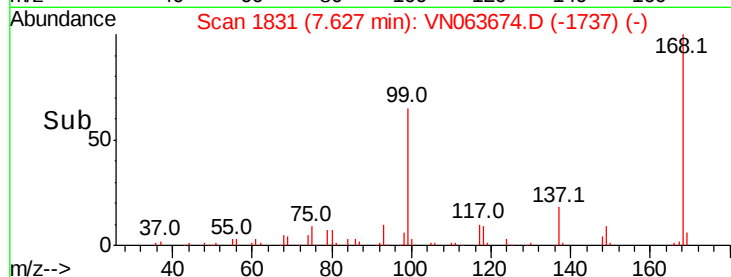
0

Time-->

7.50

7.60

7.70



#5

Bromomethane

Concen: 0.222 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063674.D

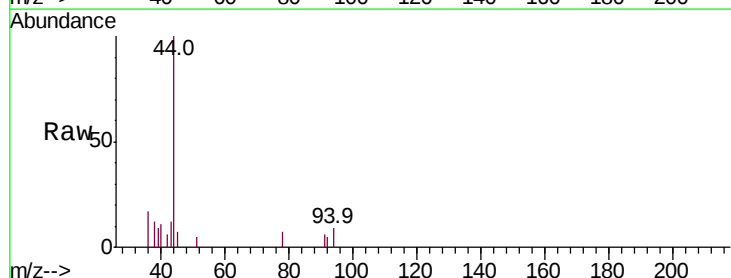
Acq: 25 Sep 2020 13:31

Tgt Ion: 94 Resp: 364

Ion Ratio Lower Upper

94 100

96 0.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.54

300

200

100

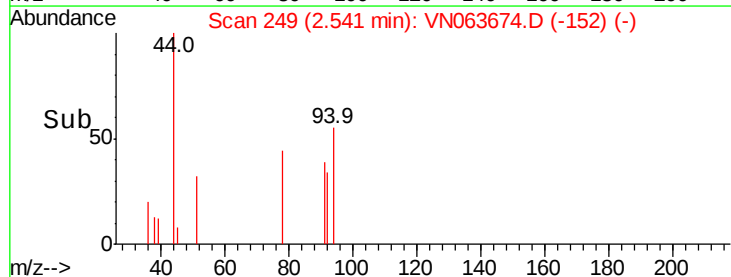
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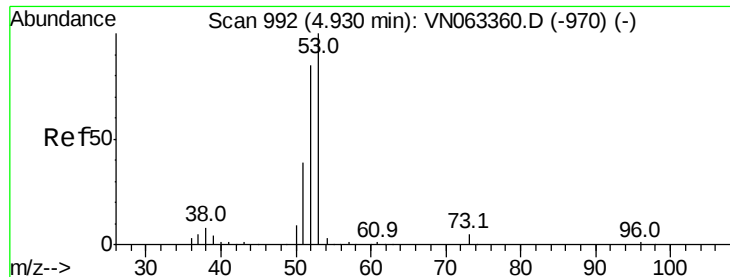
Time-->

2.52

2.54

2.56





#15

Acrylonitrile

Concen: 0.227 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0925MBL01

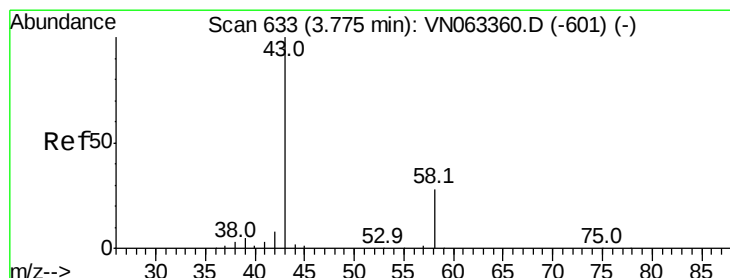
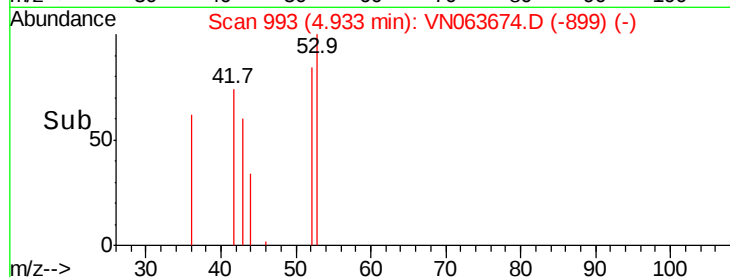
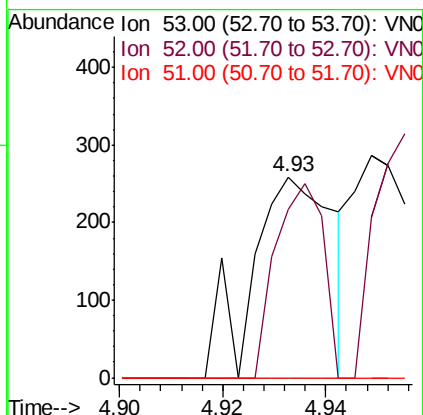
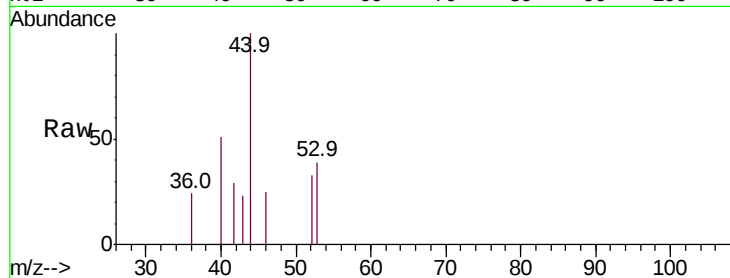
Tot Ion: 53 Resp: 283

Ion Ratio Lower Upper

53 100

52 56.5 66.4 99.6#

51 0.0 30.2 45.4#



#16

Acetone

Concen: 0.583 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063674.D

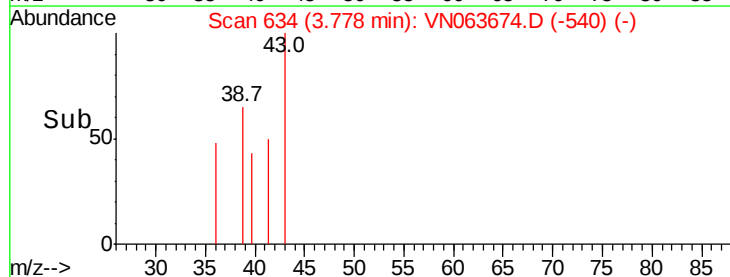
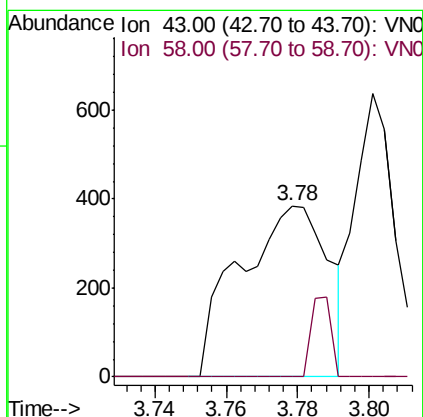
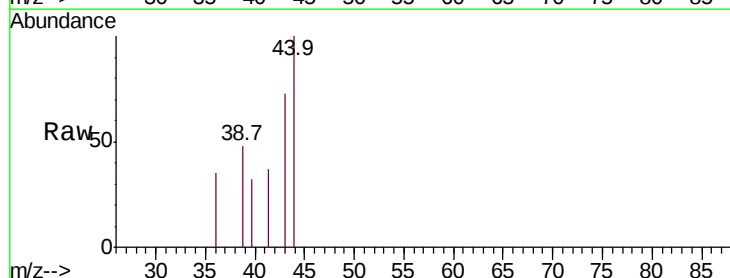
Acq: 25 Sep 2020 13:31

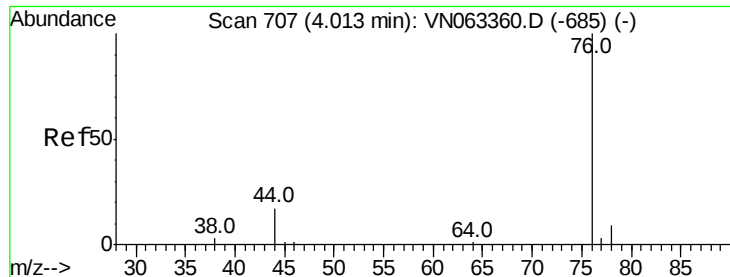
Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#

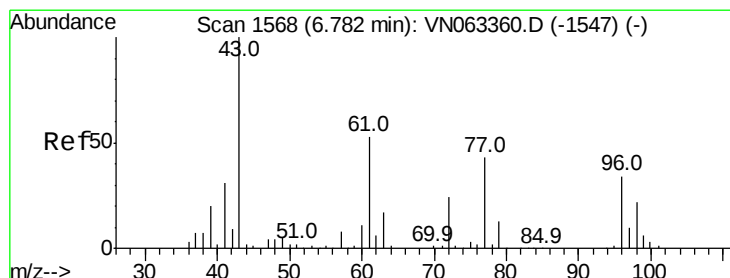
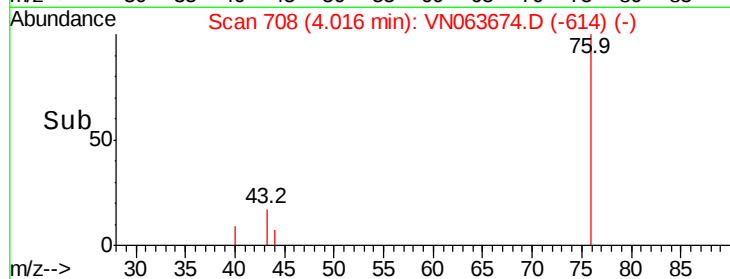
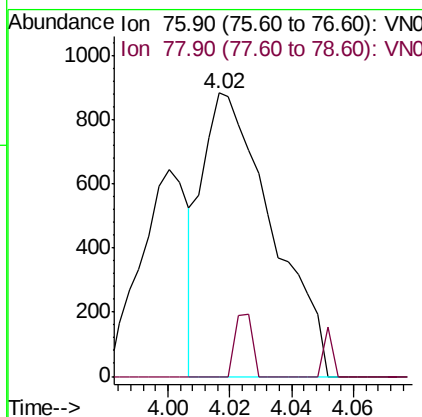
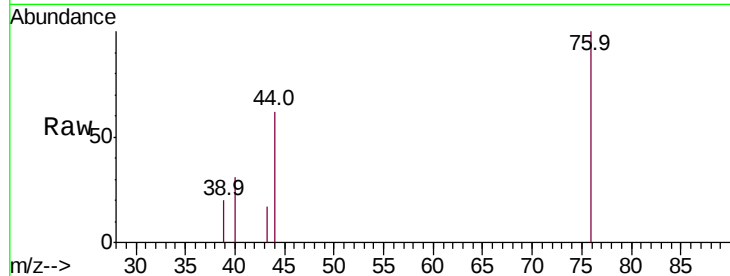




#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

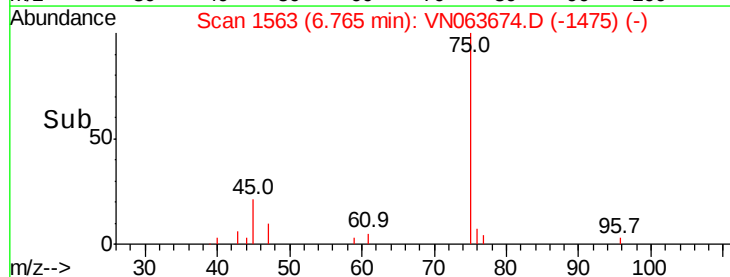
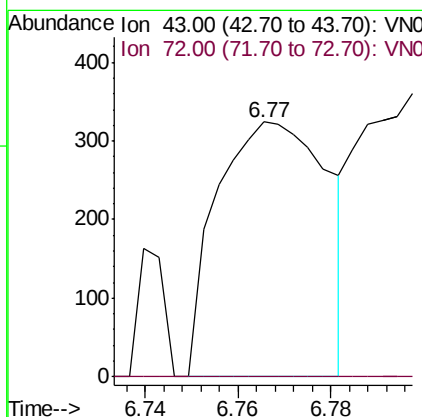
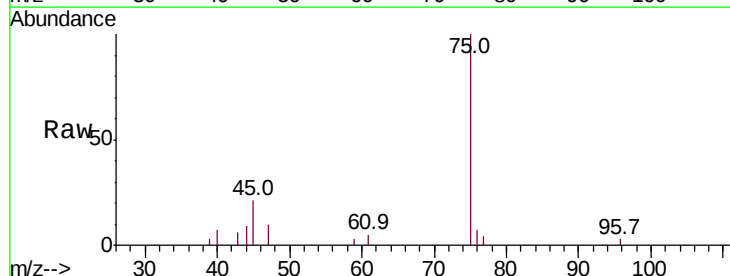
Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

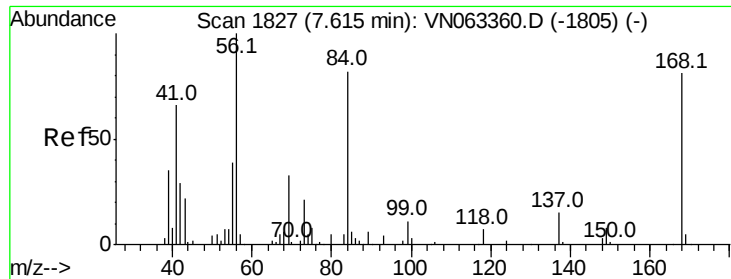
Tot Ion: 76 Resp: 1383
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.306 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.02 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#

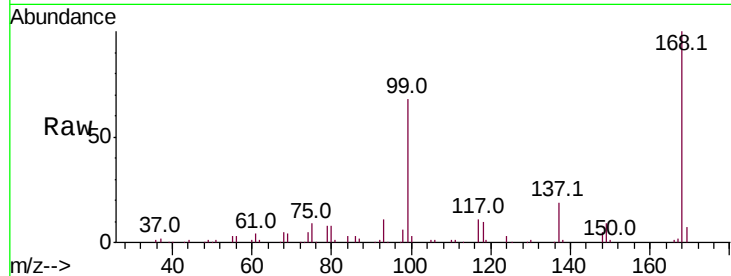




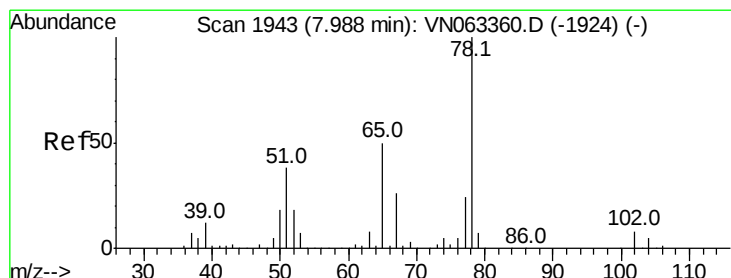
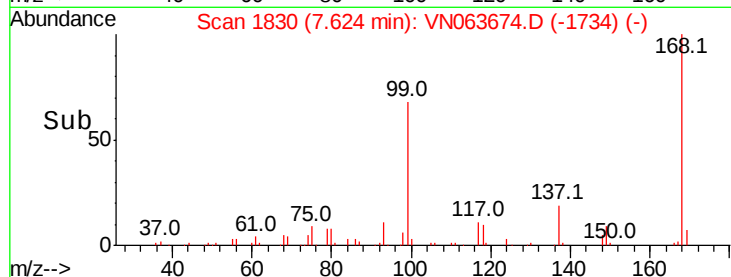
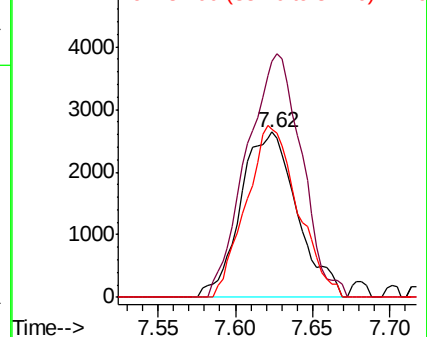
#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

Tot Ion: 56 Resp: 6683
Ion Ratio Lower Upper
56 100
69 143.2 26.1 39.1#
84 101.8 65.4 98.2#

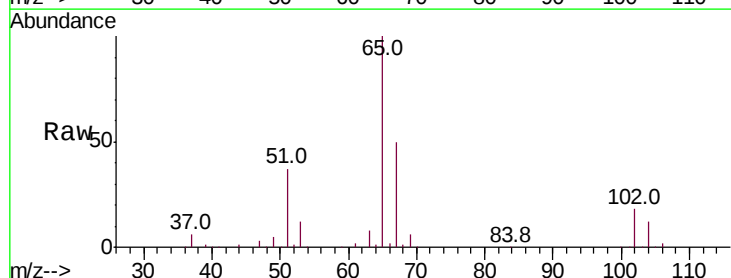


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

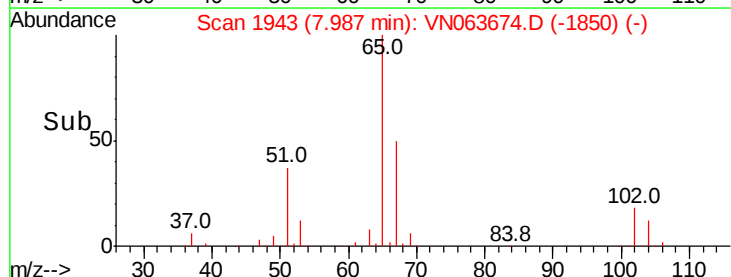
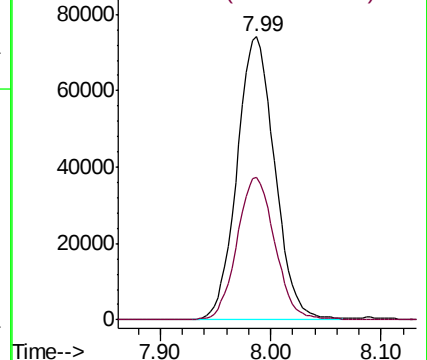


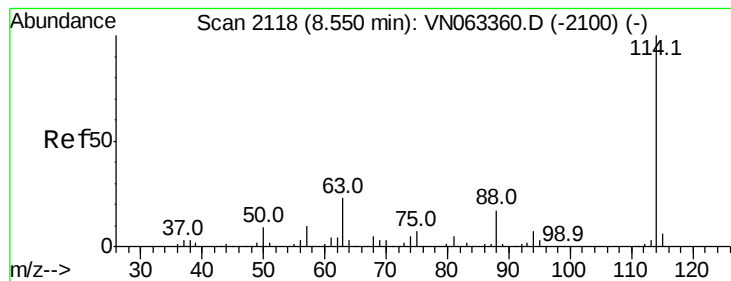
#33
1,2-Dichloroethane-d4
Concen: 49.613 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Tgt Ion: 65 Resp: 175588
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.2



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# 2118

Delta R.T. -0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN0925MBL01

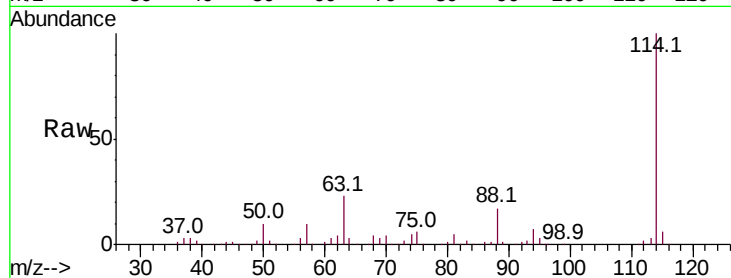
Tot Ion:114 Resp: 387409

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.4

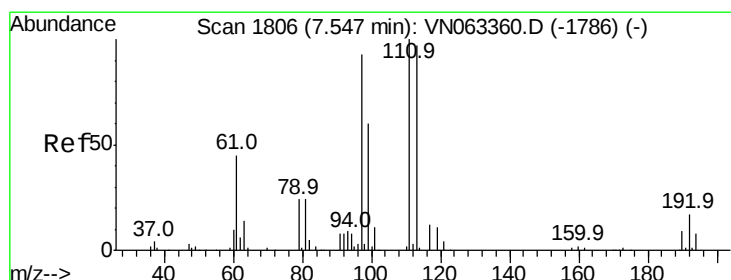
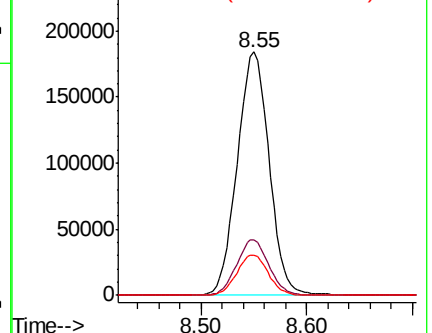
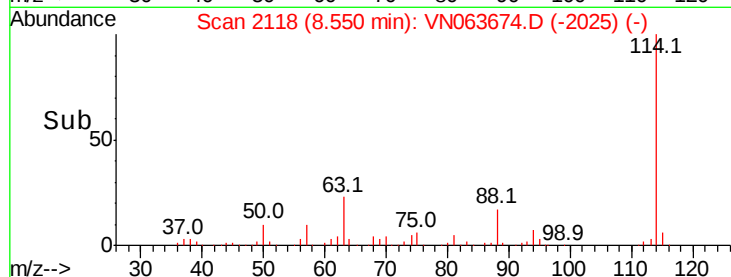
88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.733 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

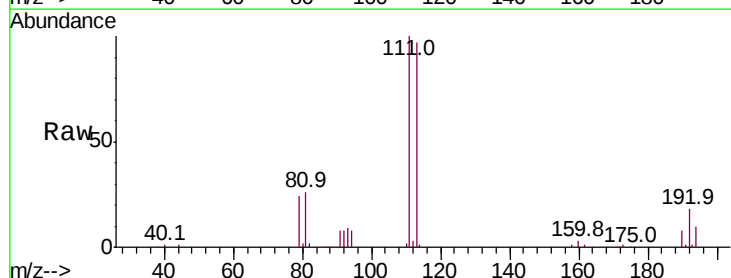
Tgt Ion:113 Resp: 128019

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

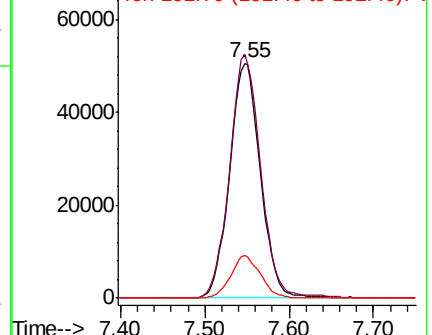
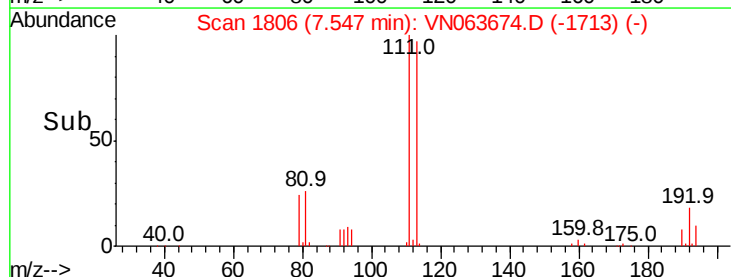
192 17.4 13.9 20.9

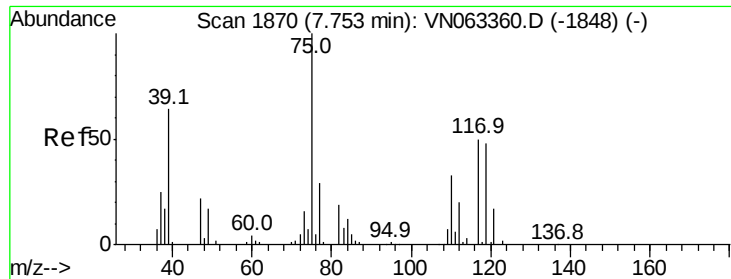


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

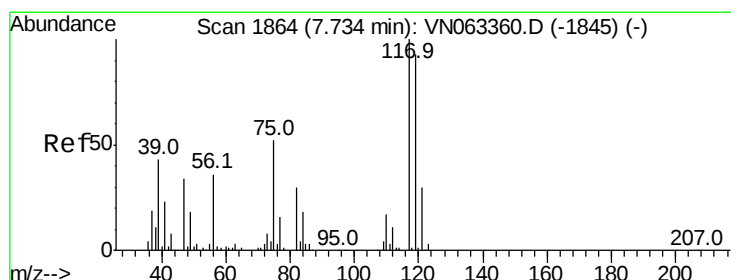
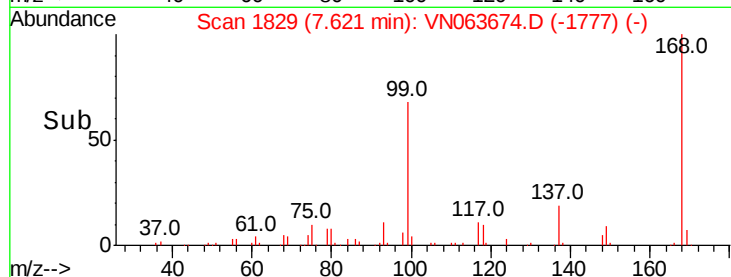
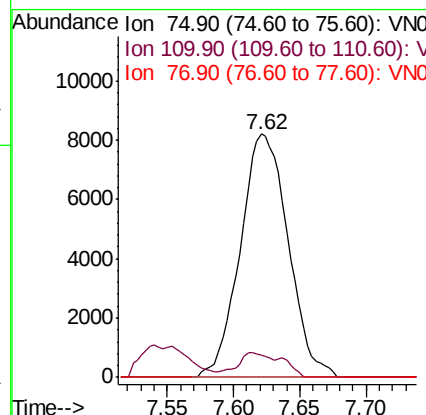
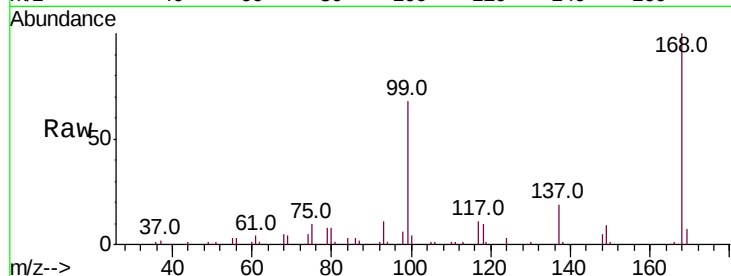




#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063674.D
 Acq: 25 Sep 2020 13:31

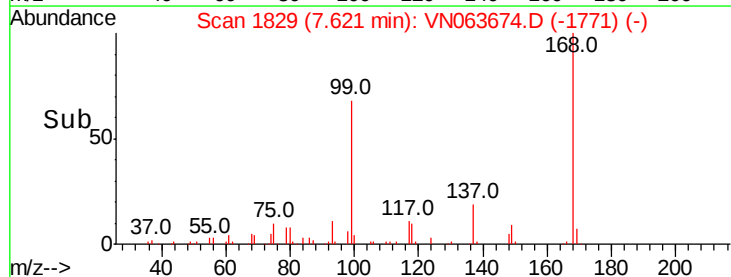
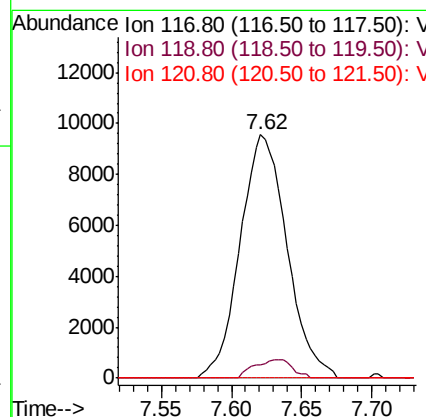
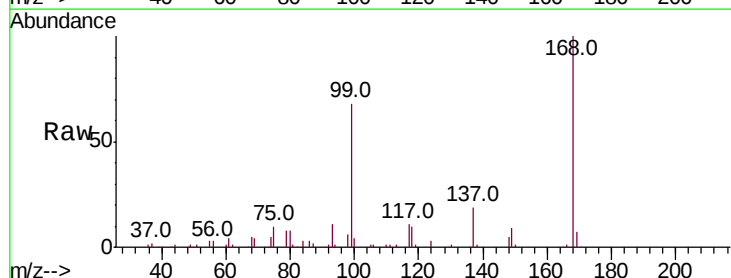
Instrument :
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 VN0925MBL01

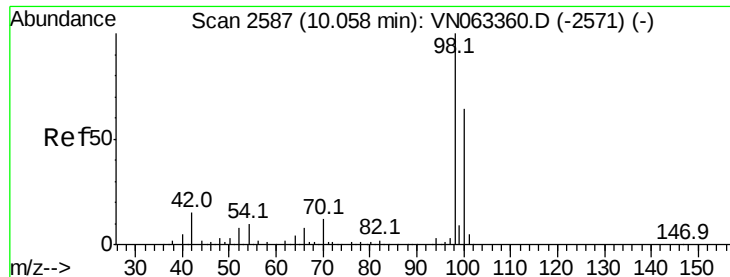
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.5	49.5#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.272 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN063674.D
 Acq: 25 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.5	111.7#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 48.736 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

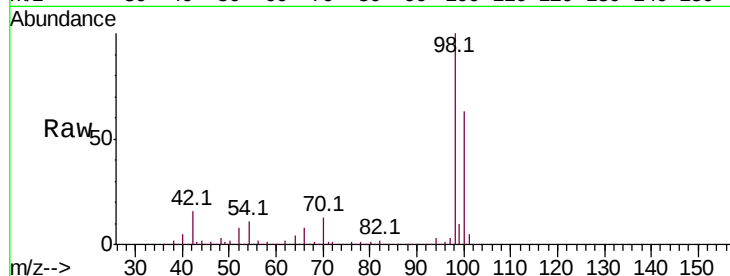
VN0925MBL01

Tot Ion: 98 Resp: 491485

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

250000

200000

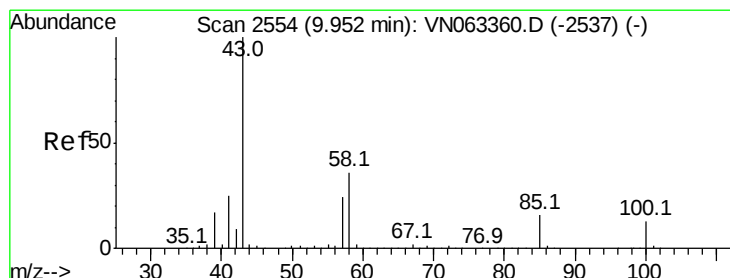
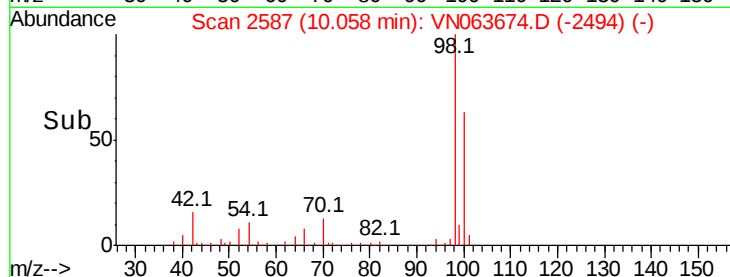
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.220 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063674.D

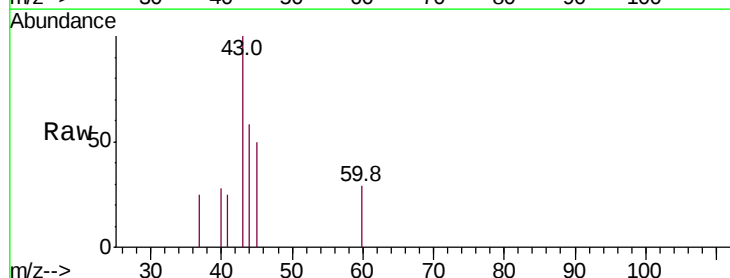
Acq: 25 Sep 2020 13:31

Tgt Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

800

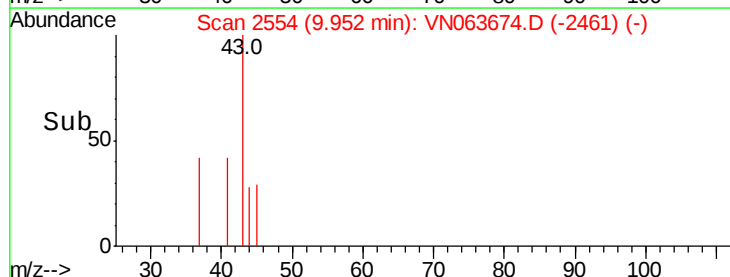
600

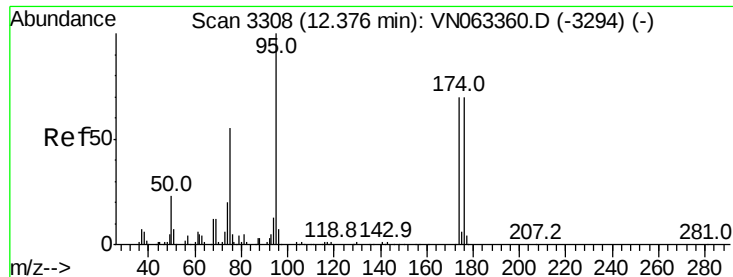
400

200

0

Time-->

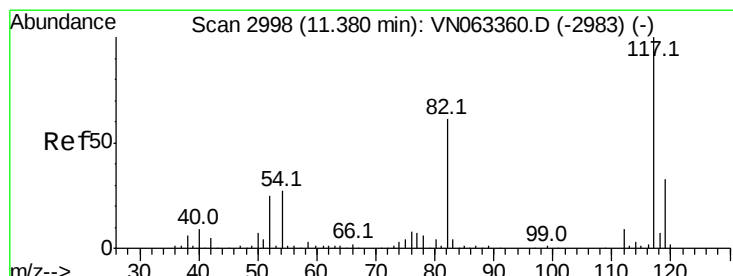
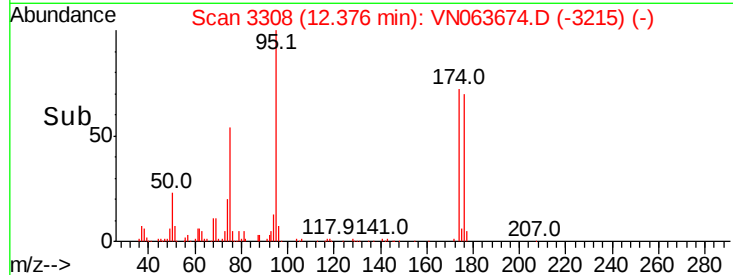
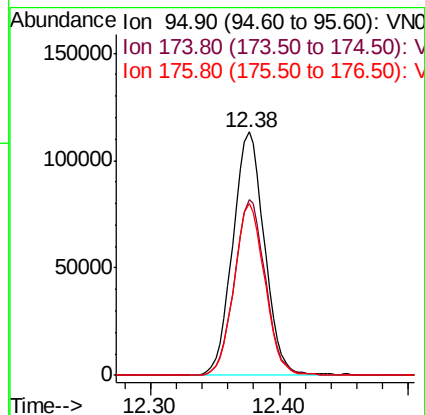
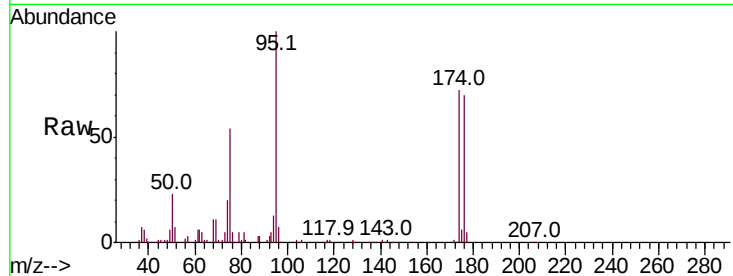




#62
4-Bromofluorobenzene
Concen: 52.083 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

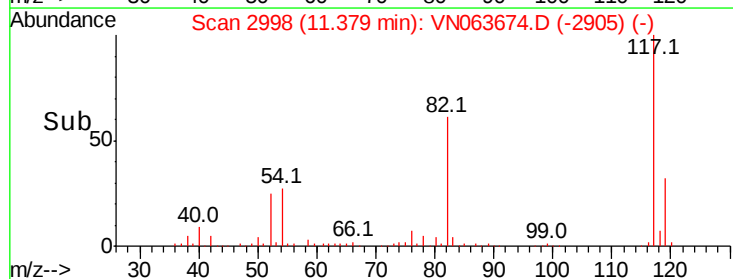
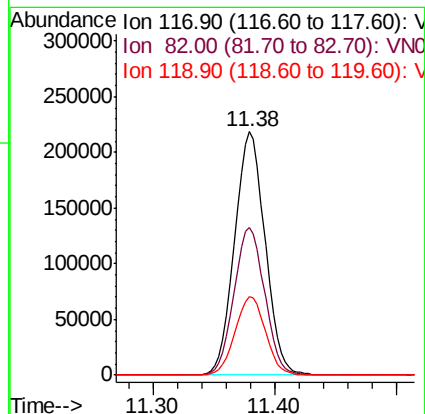
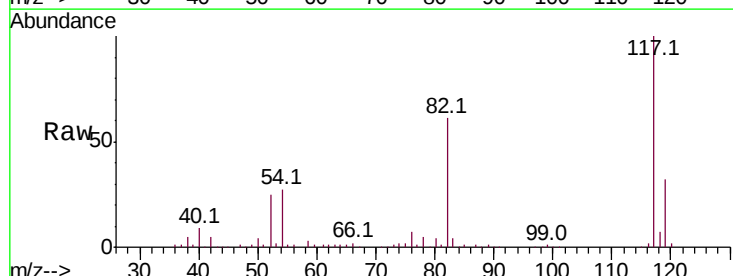
Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

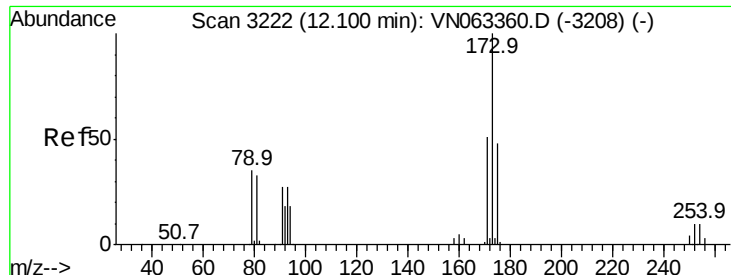
Tot Ion: 95 Resp: 192544
Ion Ratio Lower Upper
95 100
174 71.3 0.0 140.8
176 68.8 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Tgt Ion: 117 Resp: 380029
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 32.3 26.2 39.4





#71

Bromoform

Concen: 0.297 ug/l

RT: 12.37 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampled :

VN0925MBL01

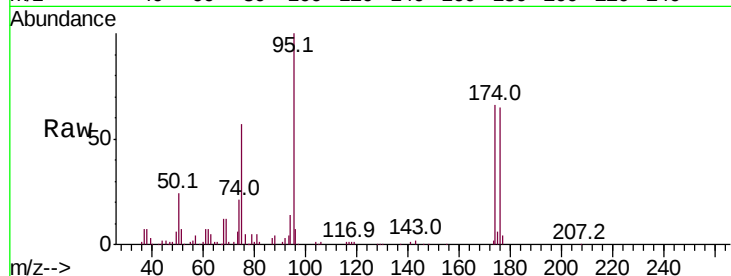
Tot Ion:173 Resp: 655

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

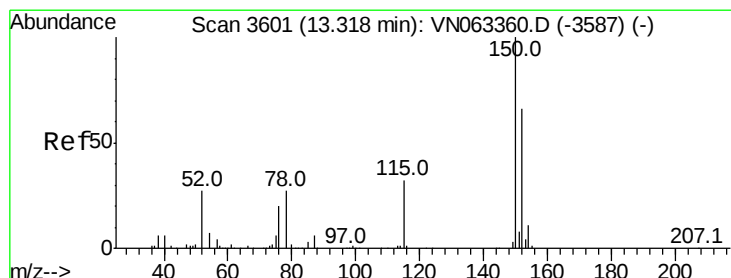
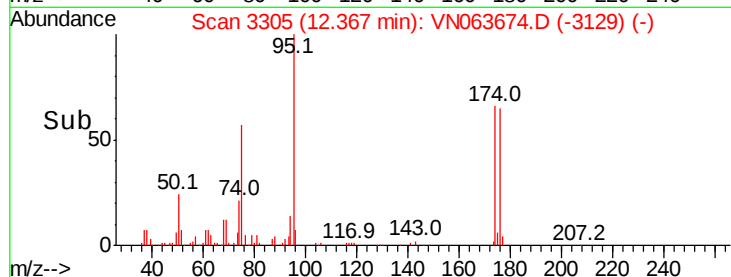
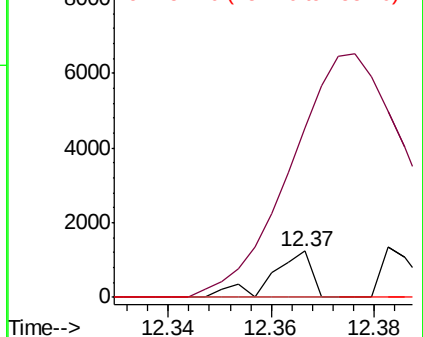
254 0.0 0.0 0.0



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# 3601

Delta R.T. -0.00 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

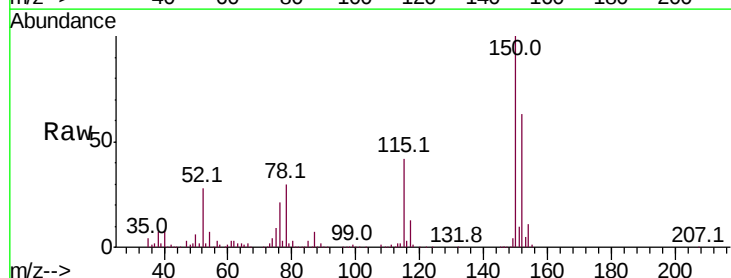
Tgt Ion:152 Resp: 159995

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

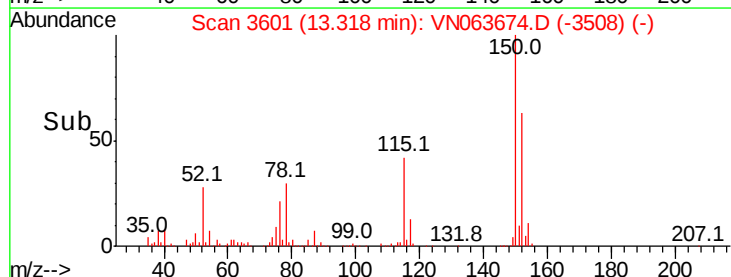
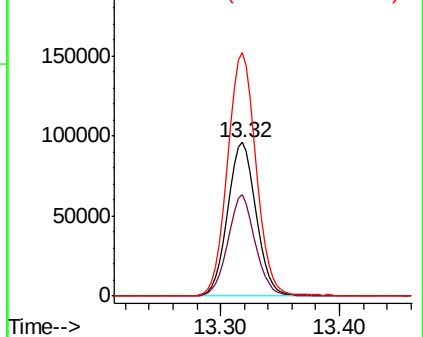
150 158.4 0.0 343.4

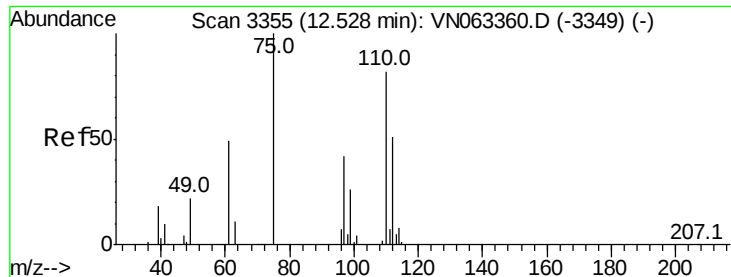


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.836 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

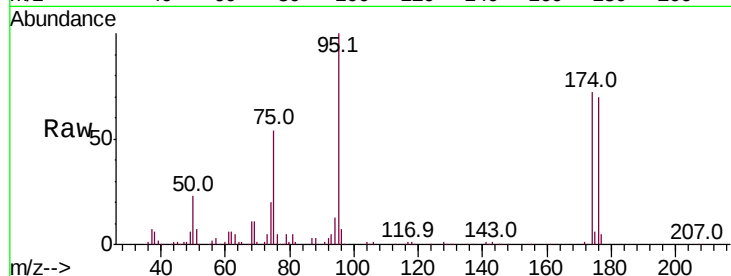
VN0925MBL01

Tot Ion: 75 Resp: 106275

Ion Ratio Lower Upper

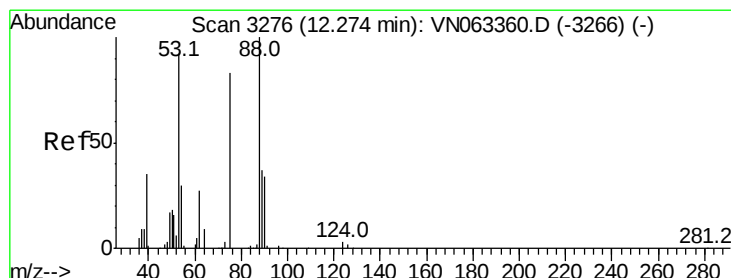
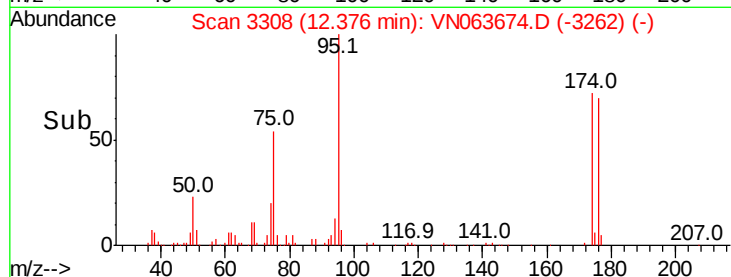
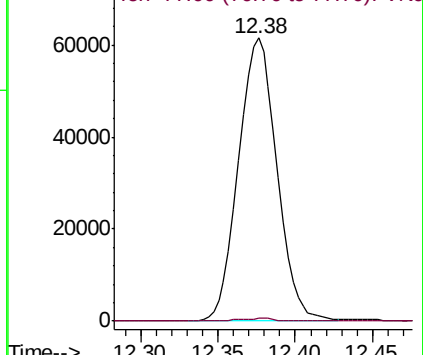
75 100

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: 73.575 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063674.D

Acq: 25 Sep 2020 13:31

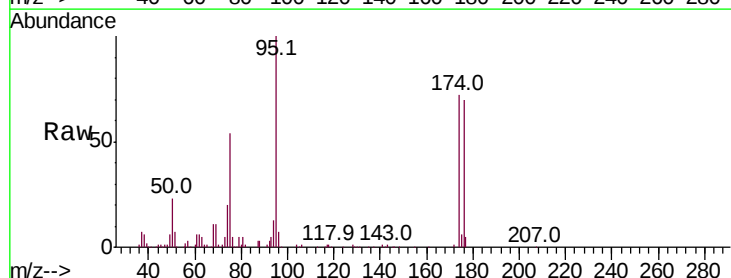
Tgt Ion: 75 Resp: 106275

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

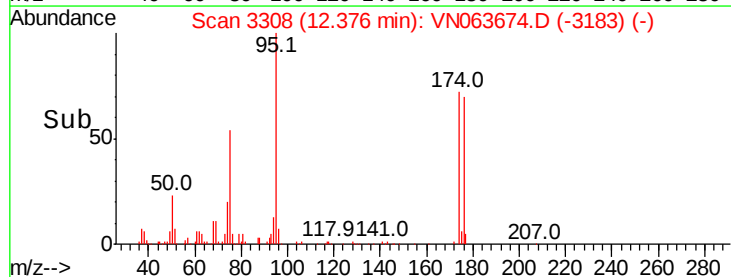
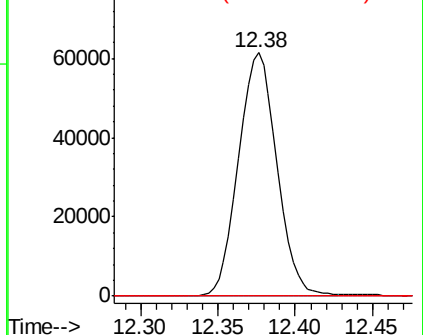
89 0.0 38.0 57.0#

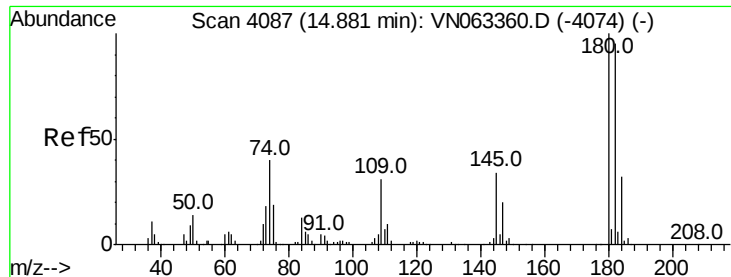


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

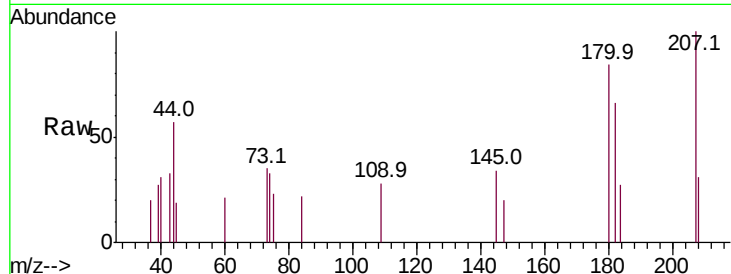




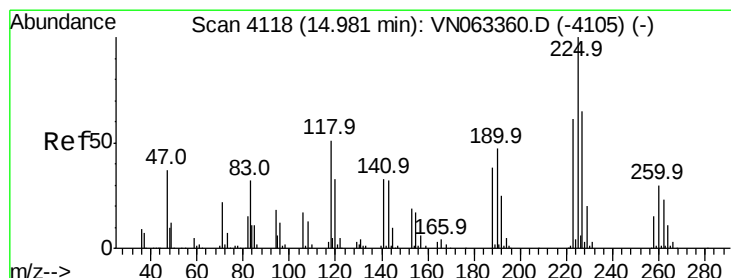
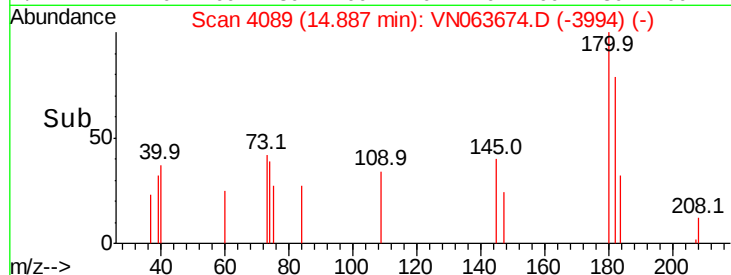
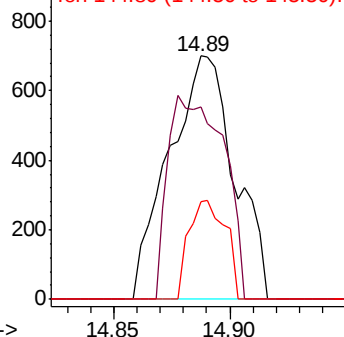
#93
 1,2,4-Trichlorobenzene
 Concen: 0.445 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063674.D
 Acq: 25 Sep 2020 13:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925MBL01

Tot Ion:180 Resp: 1378
 Ion Ratio Lower Upper
 180 100
 182 70.7 47.3 142.0
 145 22.6 16.6 49.7

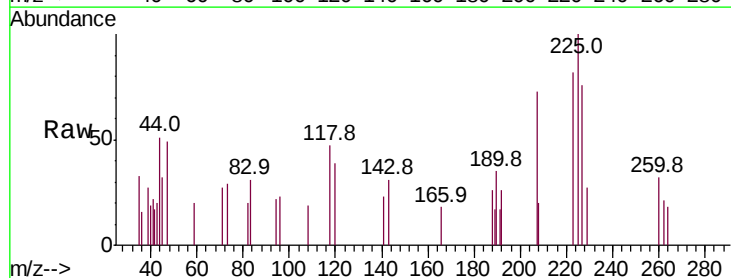


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

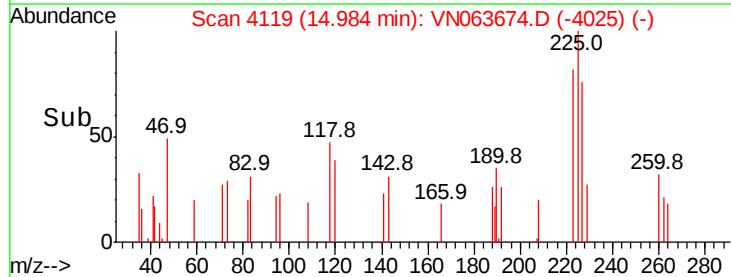
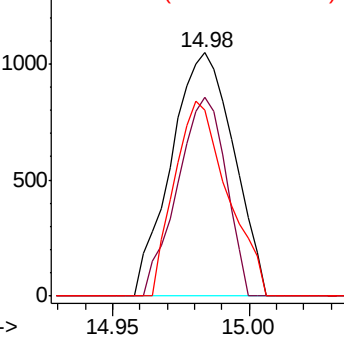


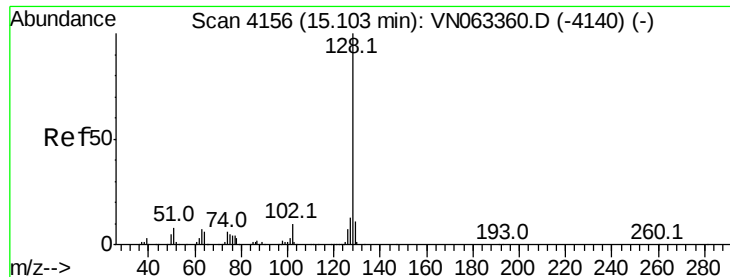
#94
 Hexachlorobutadiene
 Concen: 1.302 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063674.D
 Acq: 25 Sep 2020 13:31

Tgt Ion:225 Resp: 1668
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.6 91.6
 227 67.9 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

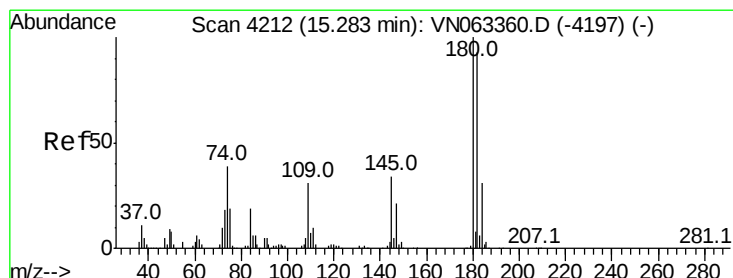
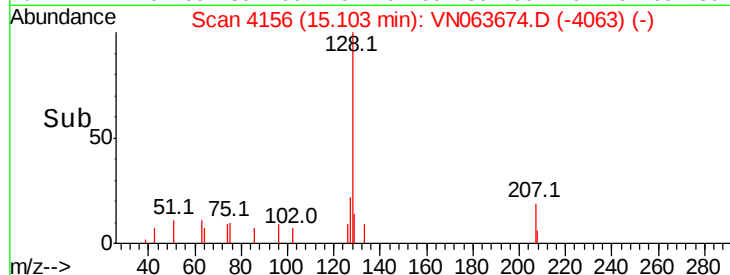
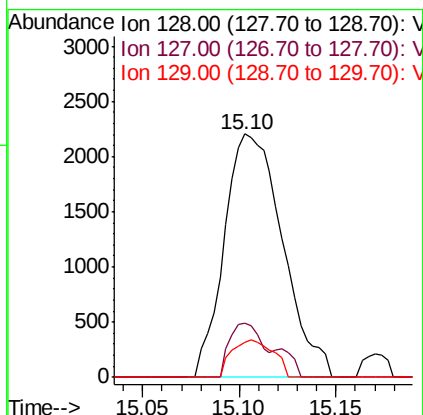
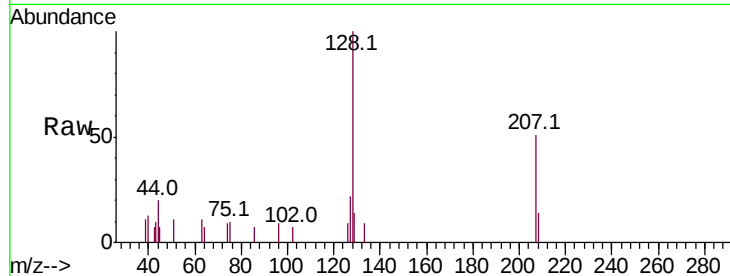




#95
Naphthalene
Concen: 0.451 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN0925MBL01

Tot Ion:128 Resp: 4613
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.522 ug/l
RT: 15.29 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN063674.D
Acq: 25 Sep 2020 13:31

Tgt Ion:180 Resp: 1559
Ion Ratio Lower Upper
180 100
182 97.9 46.7 140.1
145 30.4 16.8 50.3

