

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063609.D
 Acq On : 24 Sep 2020 00:29
 Operator : JC/MD
 Sample : VN0923WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

Quant Time: Sep 24 05:03:20 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	205213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159884	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	172225	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.55	113	128871	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.06	98	494613	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.38	95	191942	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	

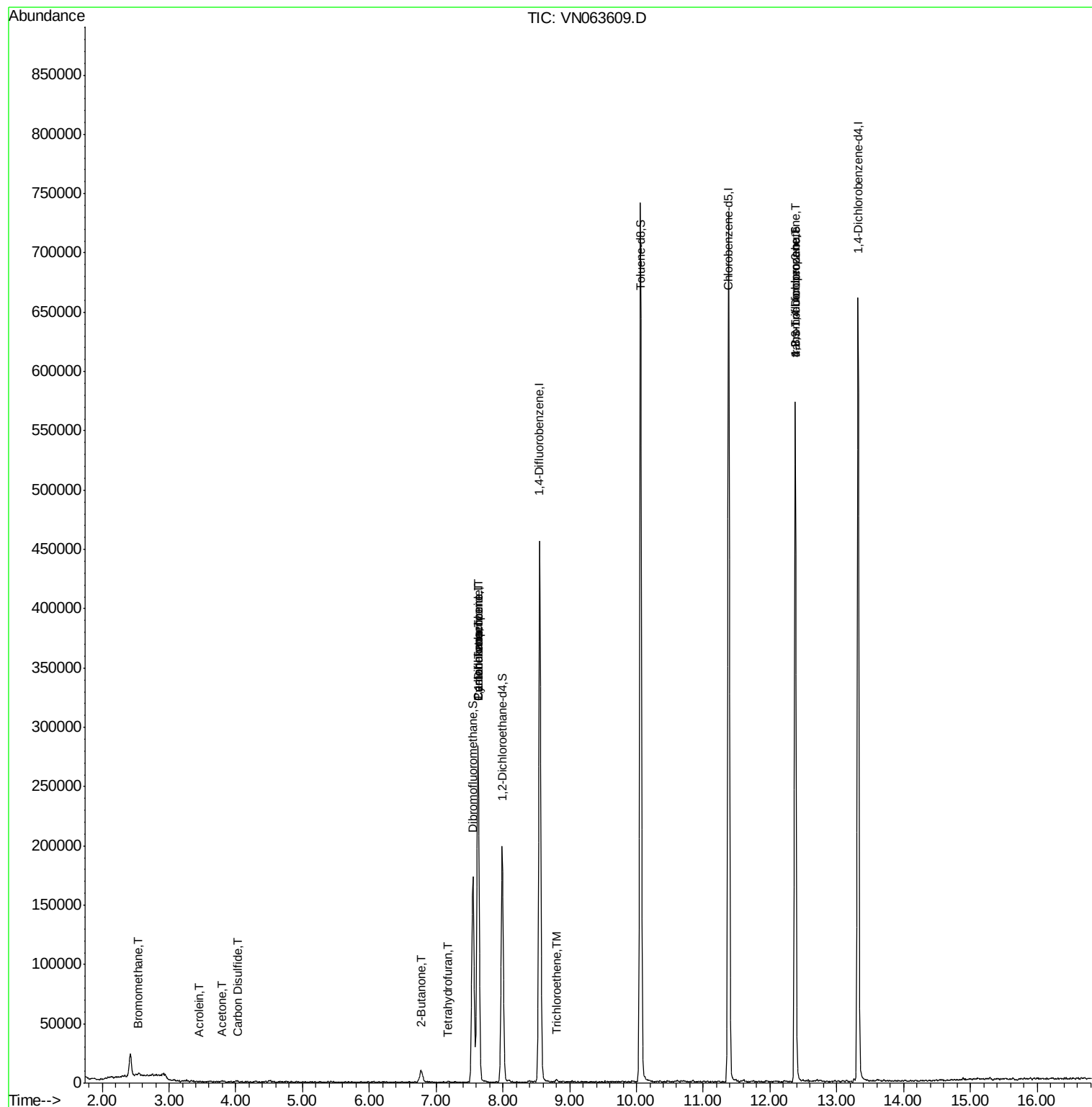
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	801	0.495	ug/l	97
13) Acrolein	3.44	56	106	0.591	ug/l #	13
16) Acetone	3.78	43	361	0.322	ug/l #	47
17) Carbon Disulfide	4.01	76	1708	0.254	ug/l #	75
25) 2-Butanone	6.79	43	492	0.285	ug/l #	51
29) Tetrahydrofuran	7.18	42	389	0.330	ug/l #	36
31) Cyclohexane	7.62	56	5972	1.238	ug/l #	10
36) 1,1-Dichloropropene	7.63	75	19963	4.908	ug/l #	52
38) Carbon Tetrachloride	7.63	117	24174	5.822	ug/l #	17
44) Trichloroethene	8.80	130	566	0.201	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	106666	26.954	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106666	73.897	ug/l #	7

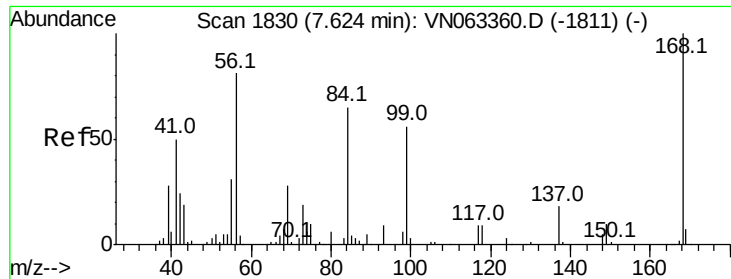
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 05:03:20 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# 1832

Delta R.T. 0.01 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

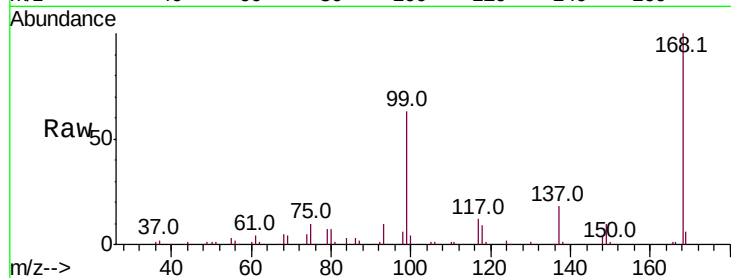
VN0923WBL02

Tot Ion:168 Resp: 205213

Ion Ratio Lower Upper

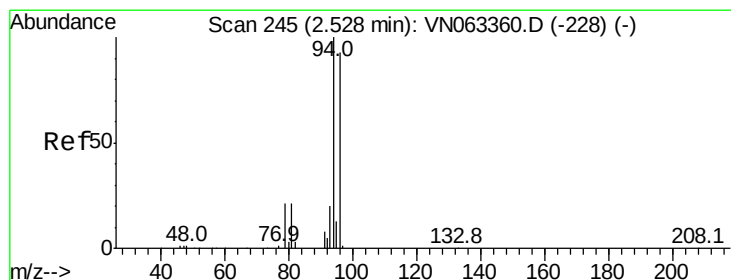
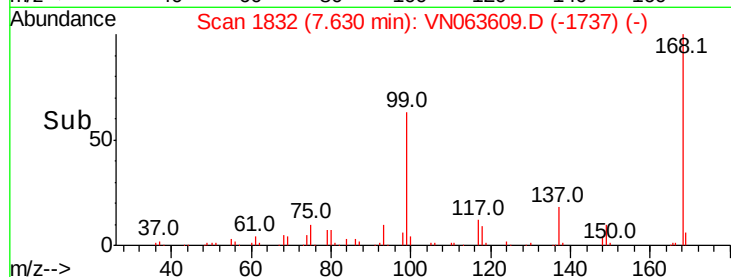
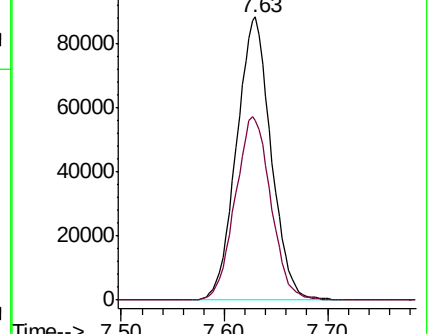
168 100

99 63.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: 0.495 ug/l

RT: 2.55 min Scan# 252

Delta R.T. 0.02 min

Lab File: VN063609.D

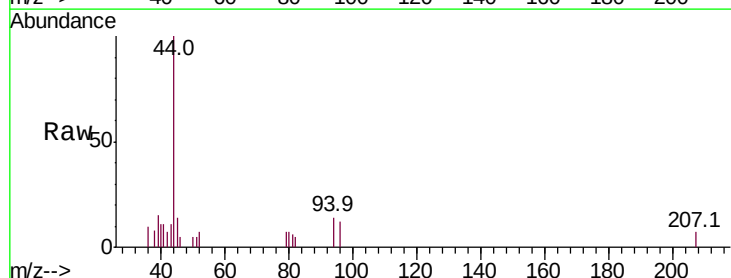
Acq: 24 Sep 2020 00:29

Tgt Ion: 94 Resp: 801

Ion Ratio Lower Upper

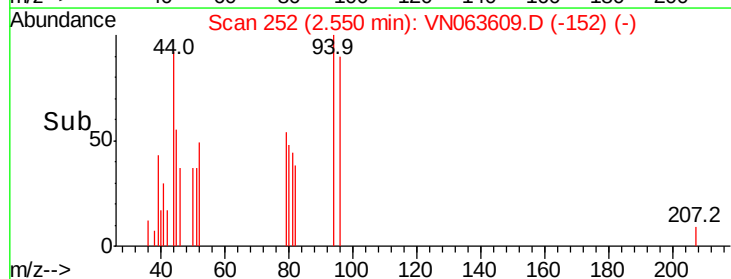
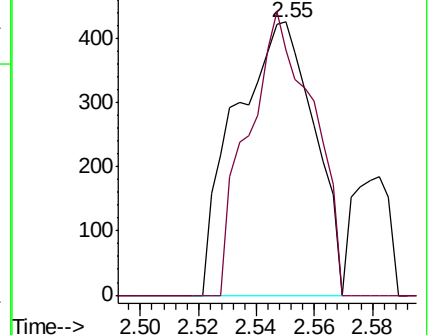
94 100

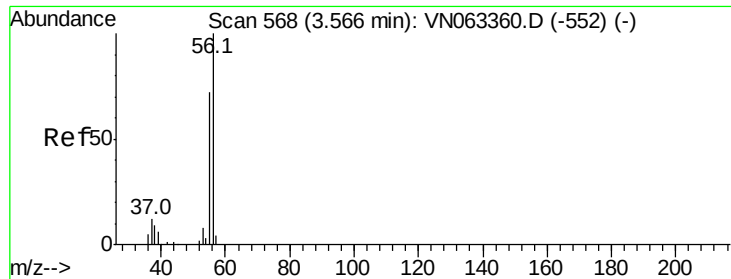
96 89.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#13

Acrolein

Concen: 0.591 ug/l

RT: 3.44 min Scan# 528

Delta R.T. -0.13 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

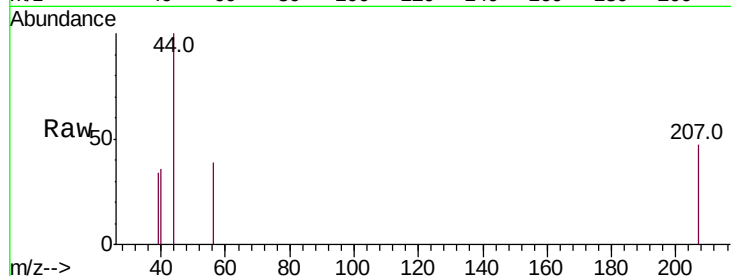
VN0923WBL02

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

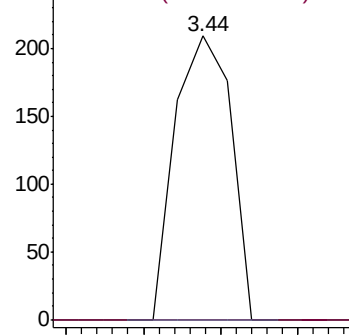
56 100

55 0.0 58.2 87.2#

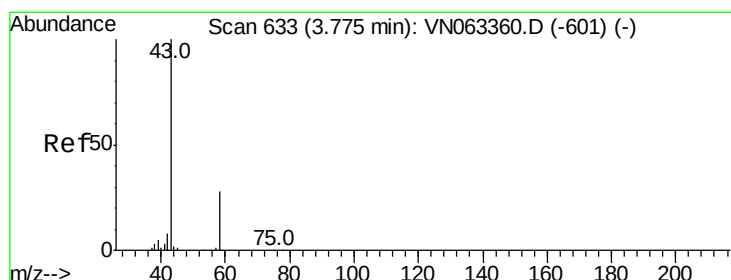
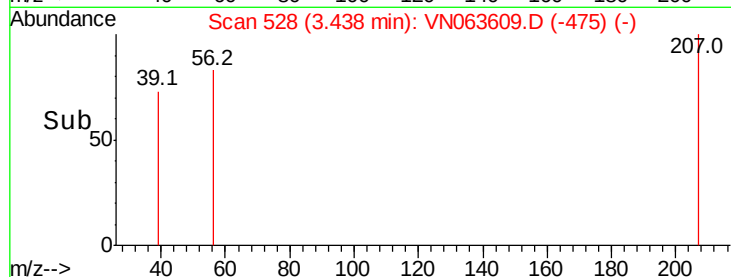


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 0.322 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063609.D

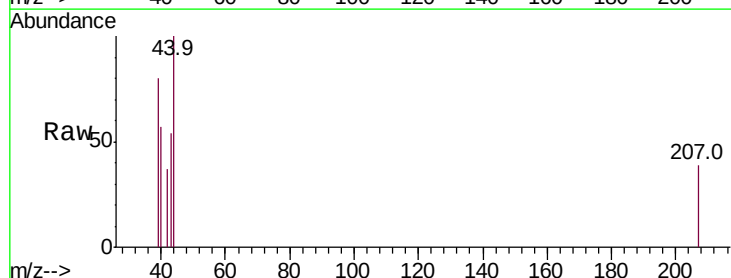
Acq: 24 Sep 2020 00:29

Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

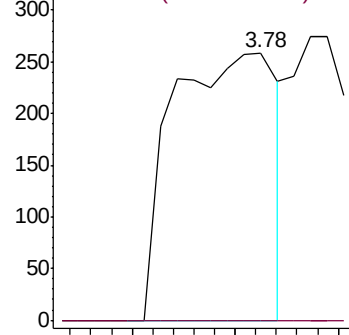
43 100

58 0.0 22.3 33.5#

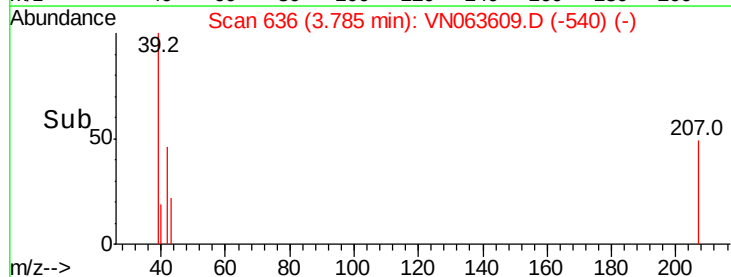


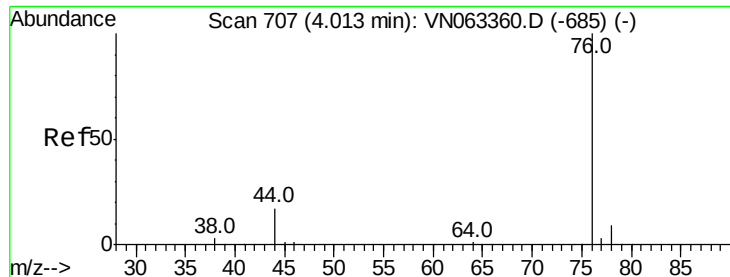
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

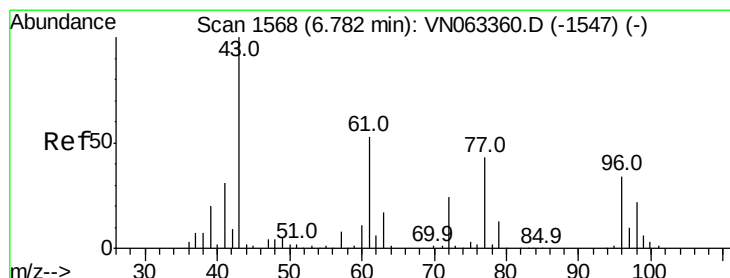
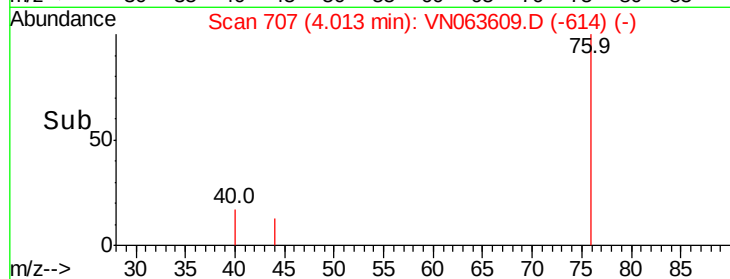
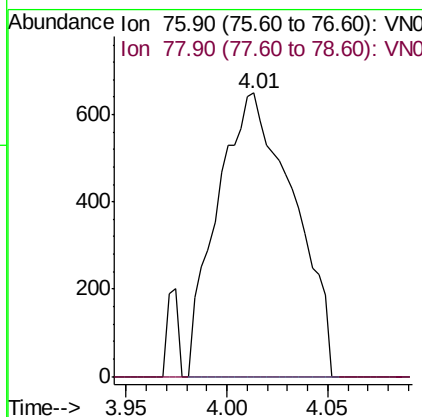
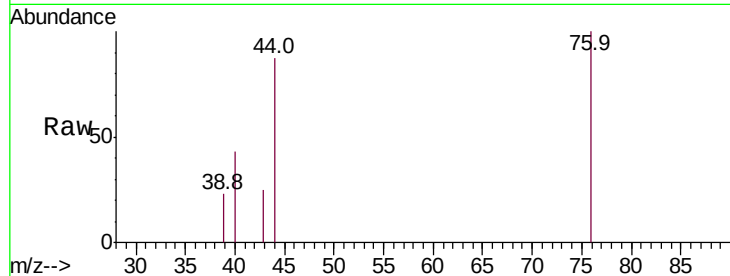




#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

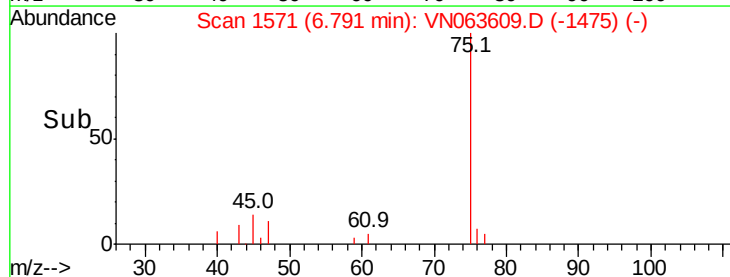
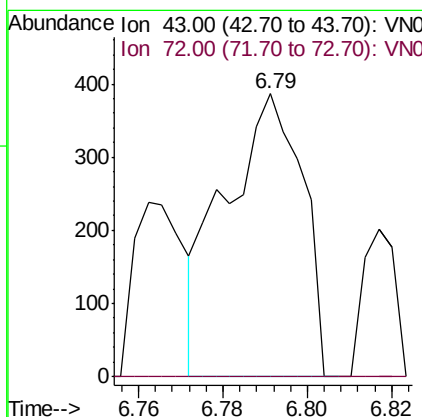
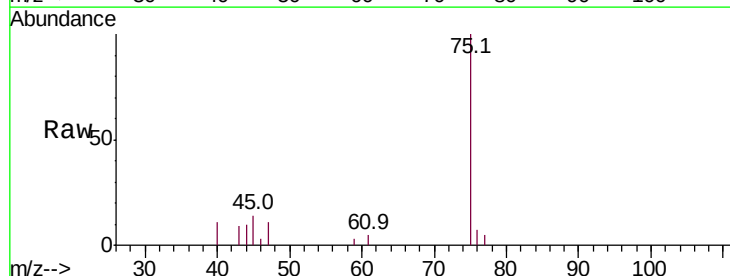
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

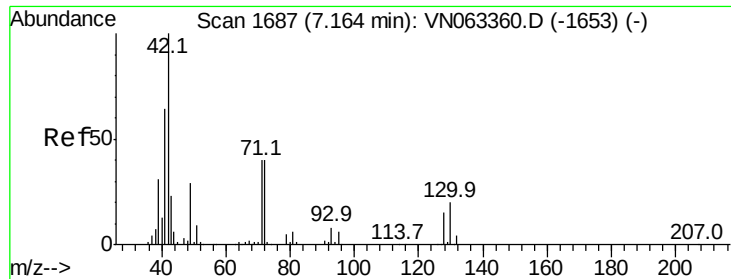
Tot Ion: 76 Resp: 1708
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.285 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#





#29

Tetrahydrofuran

Concen: 0.330 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBL02

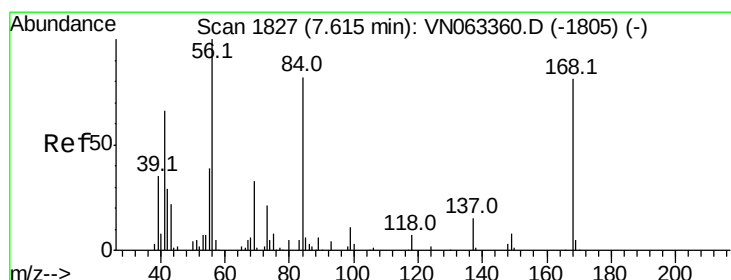
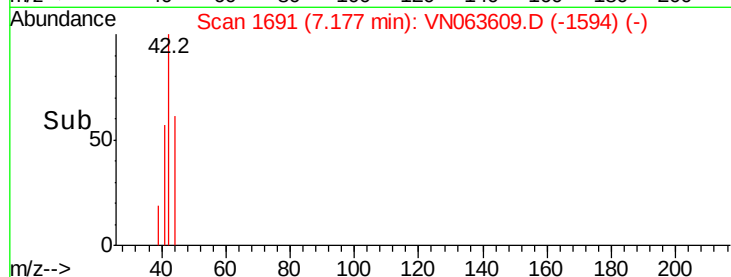
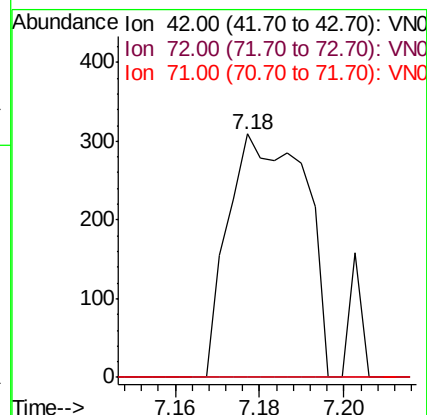
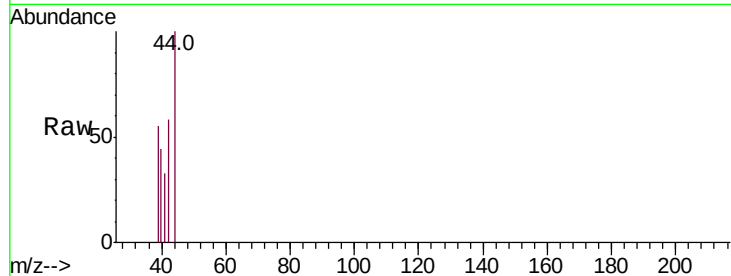
Tot Ion: 42 Resp: 389

Ion Ratio Lower Upper

42 100

72 0.0 32.1 48.1#

71 0.0 31.2 46.8#



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

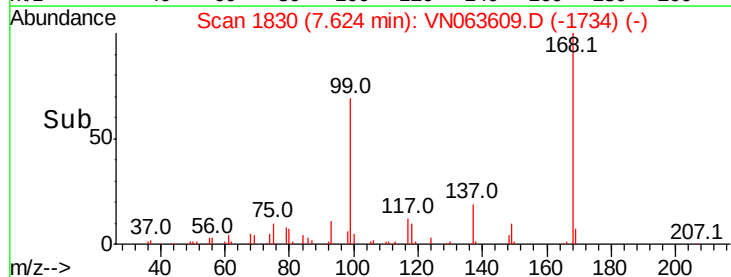
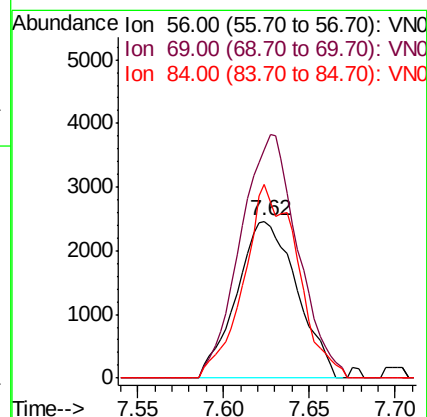
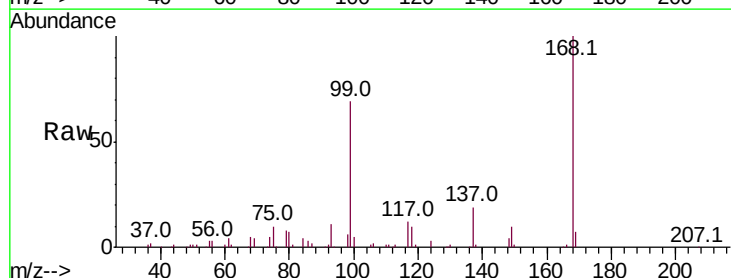
Tgt Ion: 56 Resp: 5972

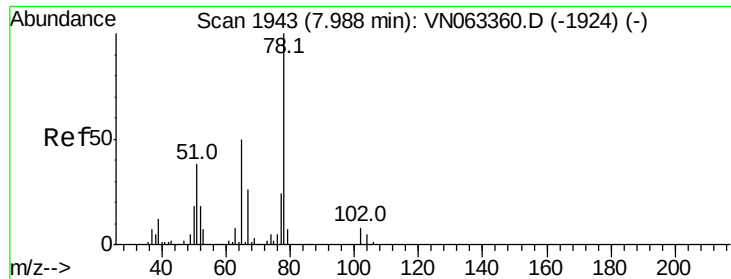
Ion Ratio Lower Upper

56 100

69 145.1 26.1 39.1#

84 123.5 65.4 98.2#

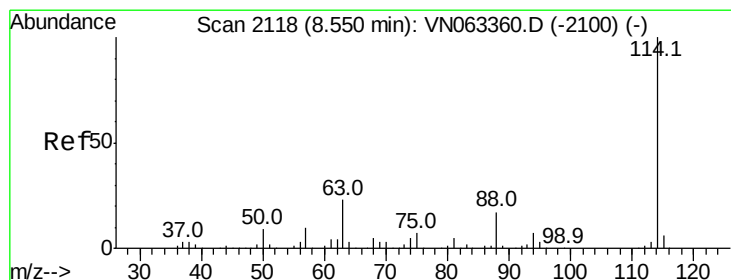
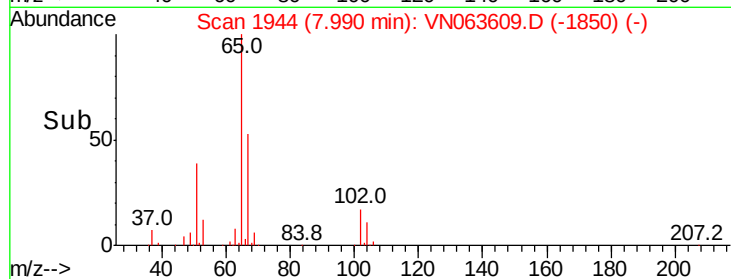
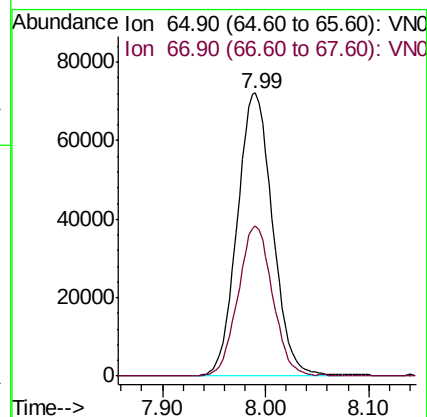
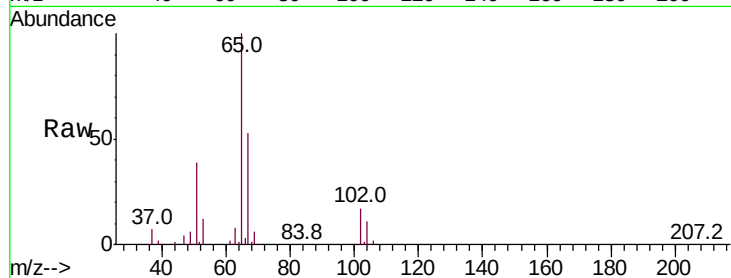




#33
 1,2-Dichloroethane-d4
 Concen: 49.302 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063609.D
 Acq: 24 Sep 2020 00:29

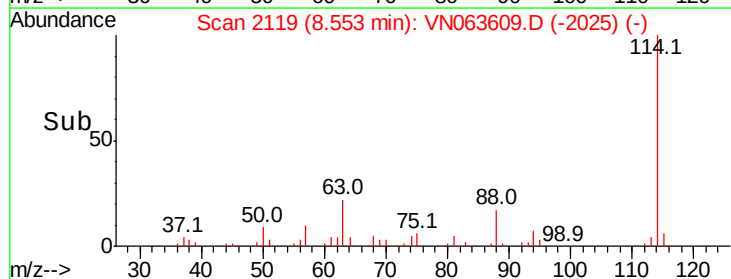
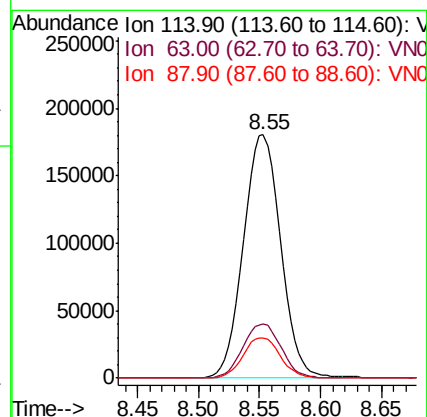
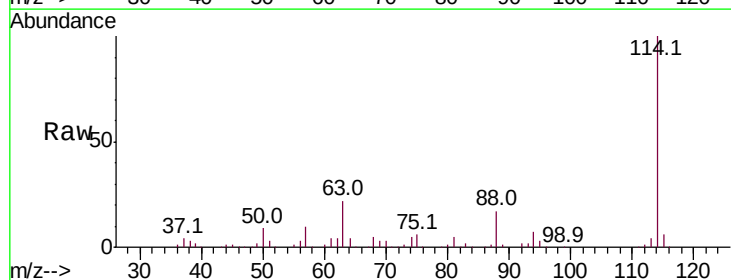
Instrument :
 MSVOA_N
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 VN0923WBL02

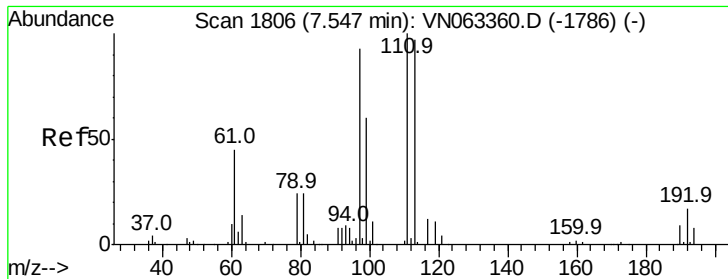
Tot Ion: 65 Resp: 172225
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063609.D
 Acq: 24 Sep 2020 00:29

Tgt Ion: 114 Resp: 381771
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.4
 88 16.6 0.0 33.2

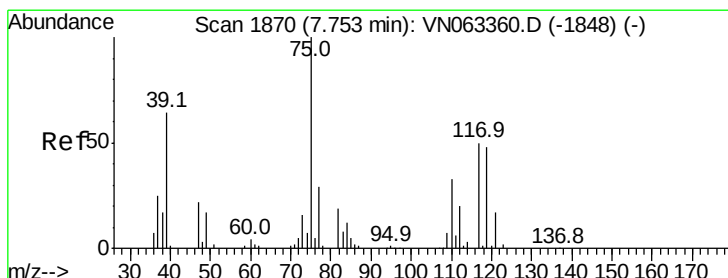
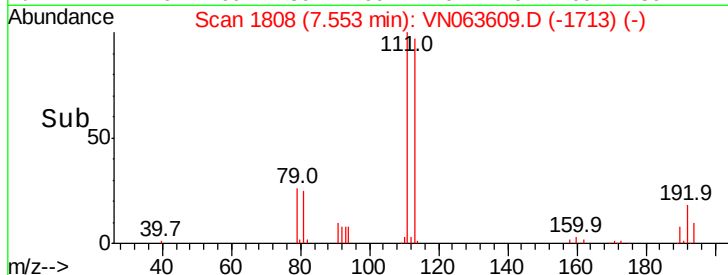
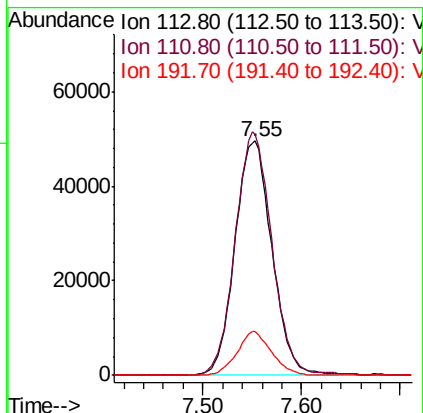
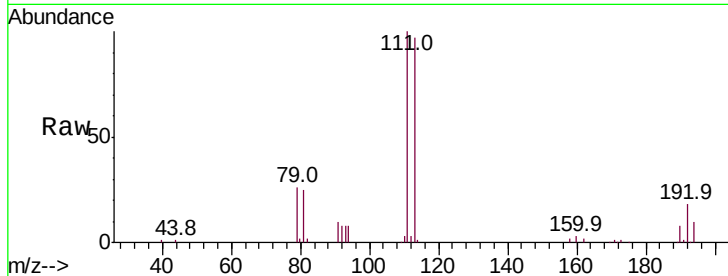




#35
 Dibromofluoromethane
 Concen: 48.761 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063609.D
 Acq: 24 Sep 2020 00:29

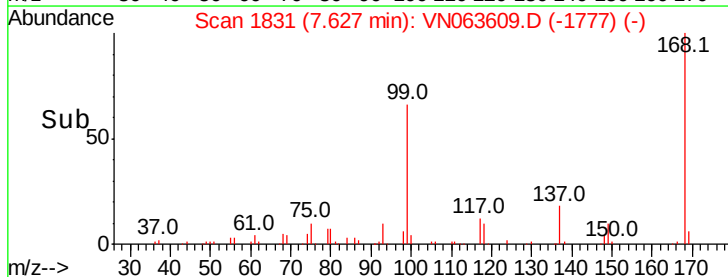
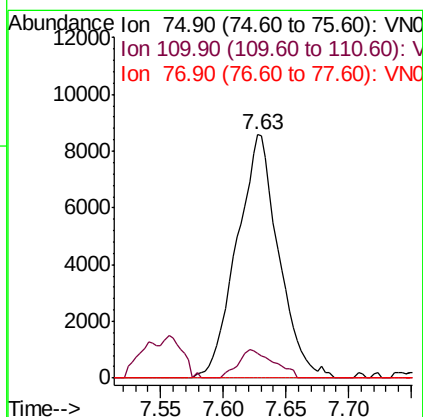
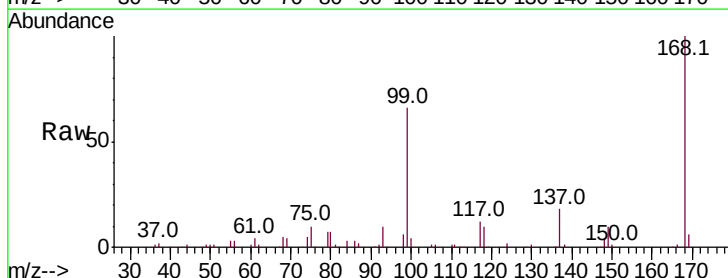
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL02

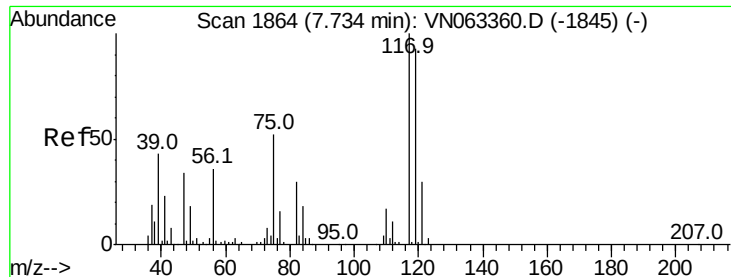
Tot Ion:113 Resp: 128871
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 17.6 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.908 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063609.D
 Acq: 24 Sep 2020 00:29

Tgt Ion: 75 Resp: 19963
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.822 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBL02

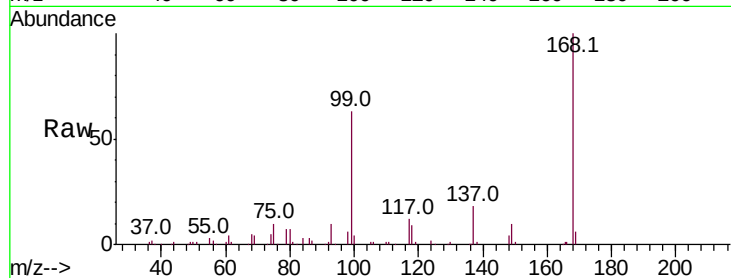
Tot Ion:117 Resp: 24174

Ion Ratio Lower Upper

117 100

119 4.6 74.5 111.7#

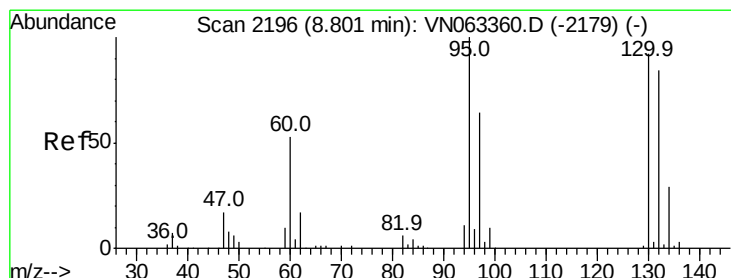
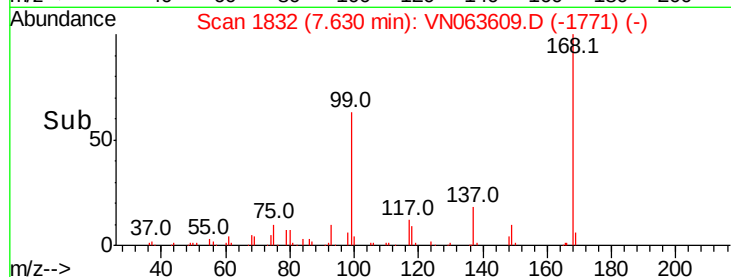
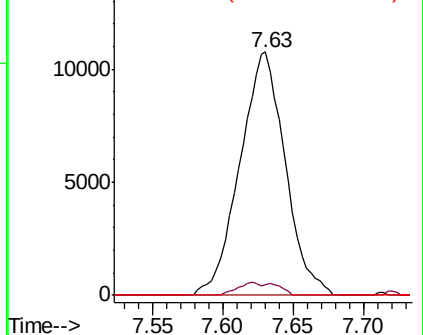
121 0.0 24.1 36.1#



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



#44

Trichloroethene

Concen: 0.201 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063609.D

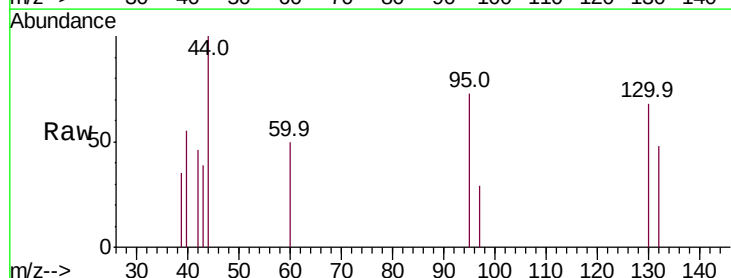
Acq: 24 Sep 2020 00:29

Tgt Ion:130 Resp: 566

Ion Ratio Lower Upper

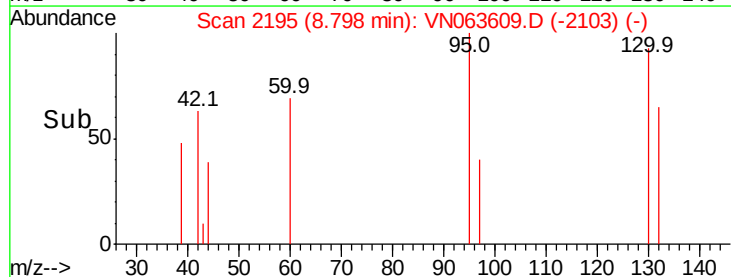
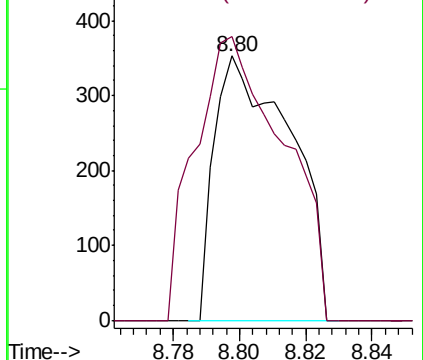
130 100

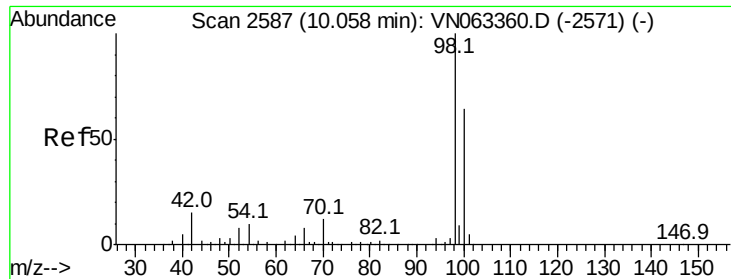
95 107.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

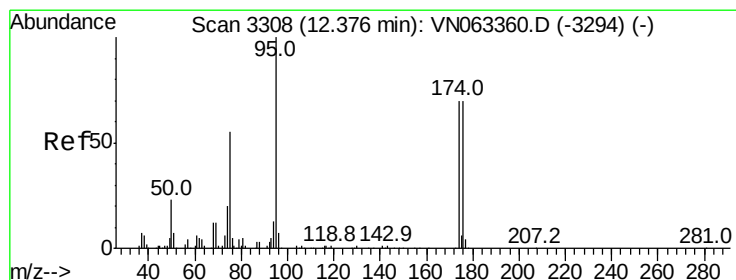
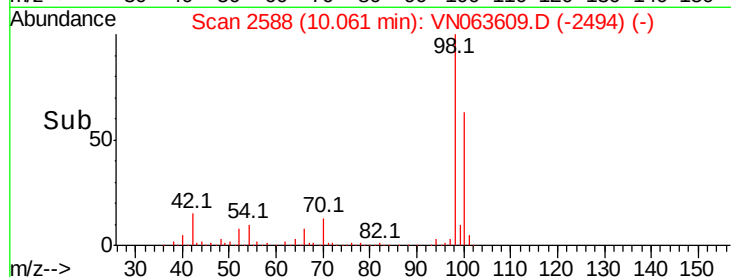
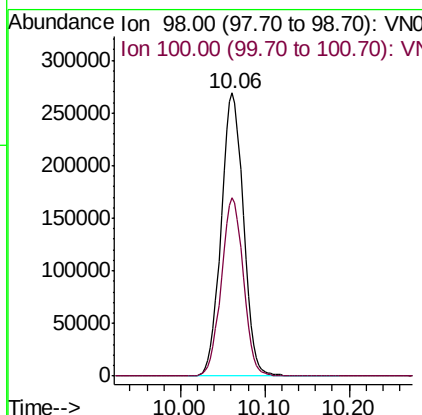
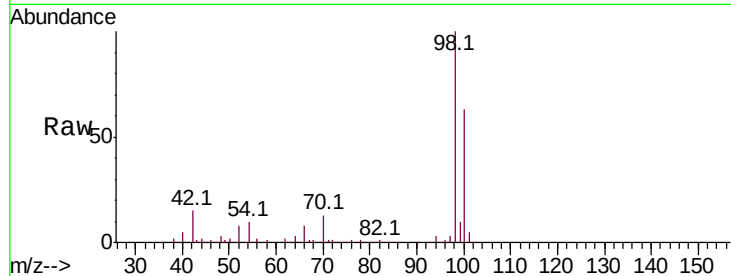




#50
Toluene-d8
Concen: 49.771 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

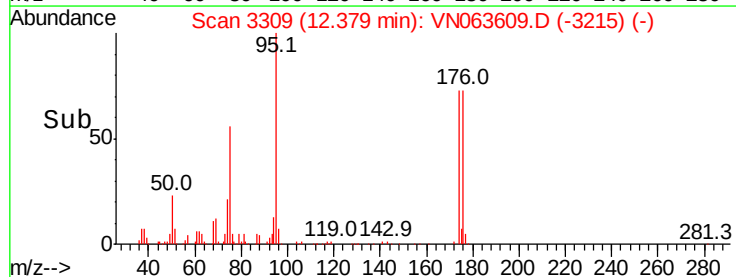
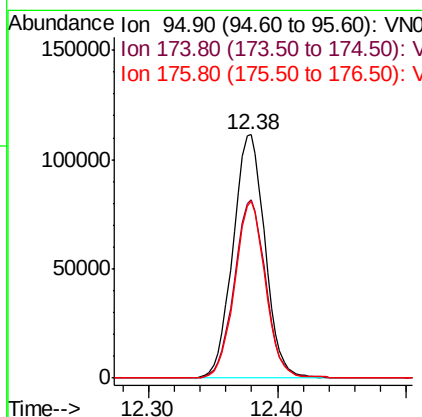
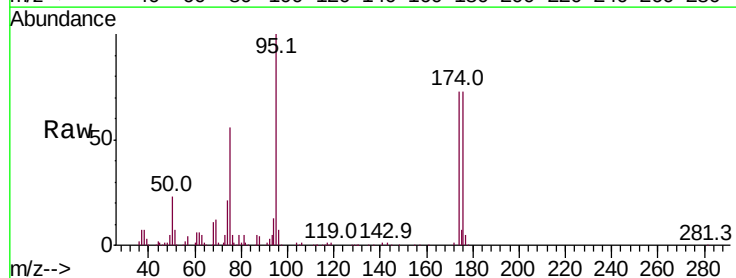
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

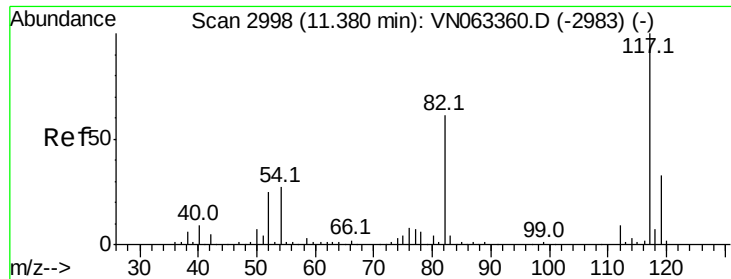
Tot Ion: 98 Resp: 494613
Ion Ratio Lower Upper
98 100
100 62.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 52.687 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

Tgt Ion: 95 Resp: 191942
Ion Ratio Lower Upper
95 100
174 72.1 0.0 140.8
176 69.7 0.0 137.6

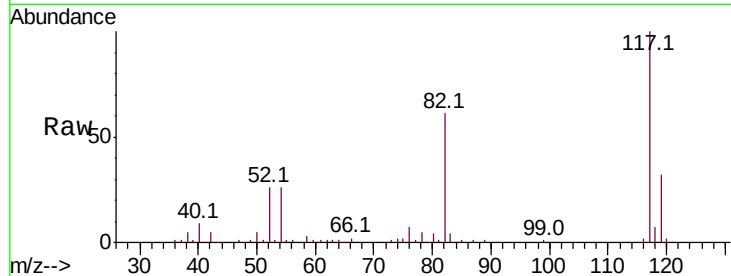




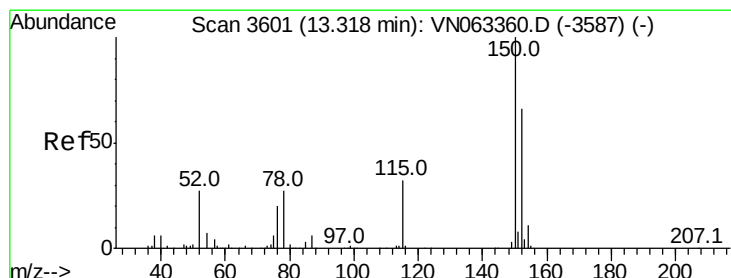
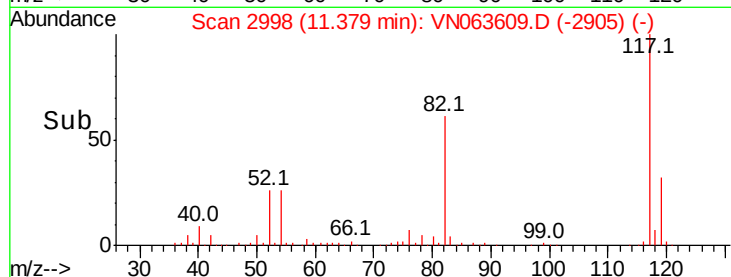
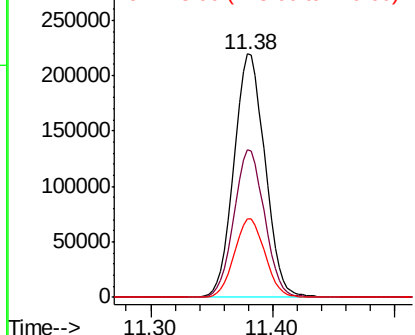
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBL02

Tot Ion:117 Resp: 388077
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.0 26.2 39.4

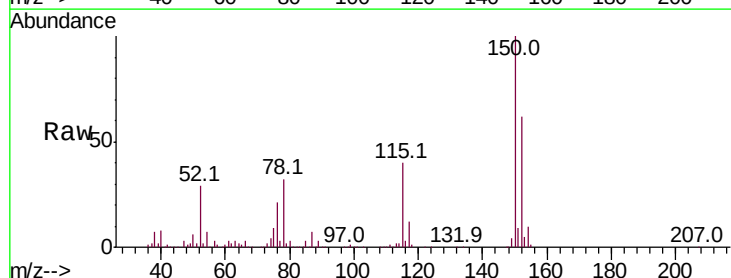


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

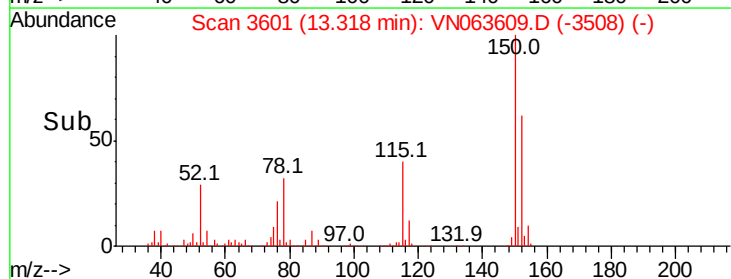
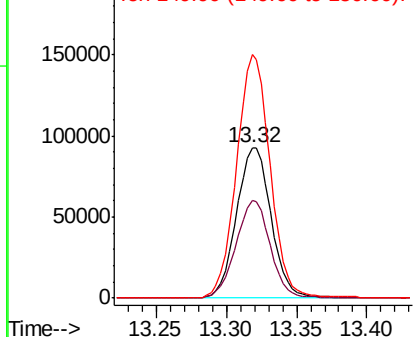


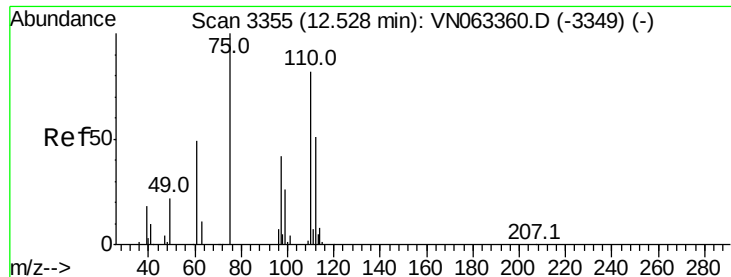
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063609.D
Acq: 24 Sep 2020 00:29

Tgt Ion:152 Resp: 159884
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 157.6 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: 26.954 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

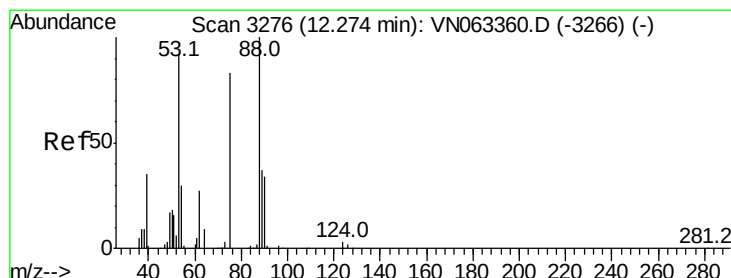
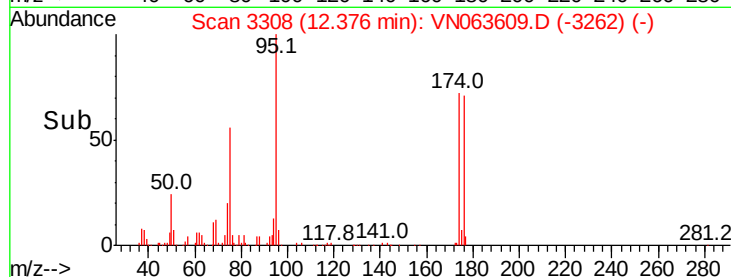
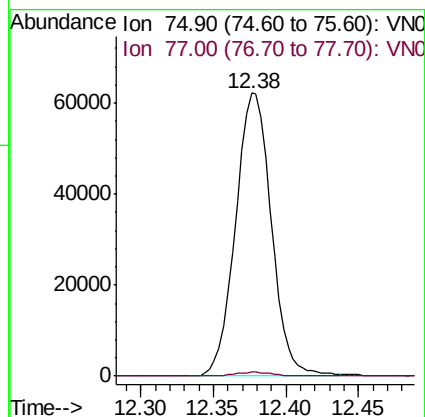
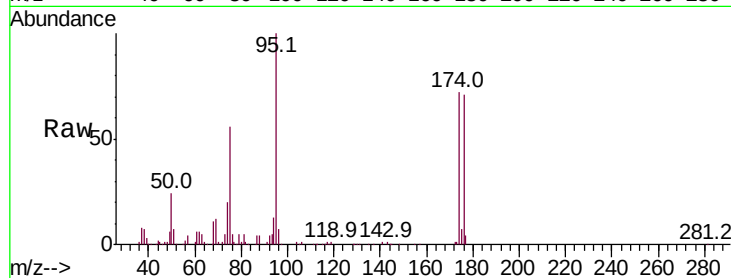
VN0923WBL02

Tot Ion: 75 Resp: 106666

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.897 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063609.D

Acq: 24 Sep 2020 00:29

Tgt Ion: 75 Resp: 106666

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

