

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063699.D
 Acq On : 28 Sep 2020 12:40
 Operator : JC/MD
 Sample : VN0928MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928MBL01

Quant Time: Sep 29 00:38:43 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	7.62	168	231506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	198124	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	7.54	113	145238	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	10.06	98	533810	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	202647	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	

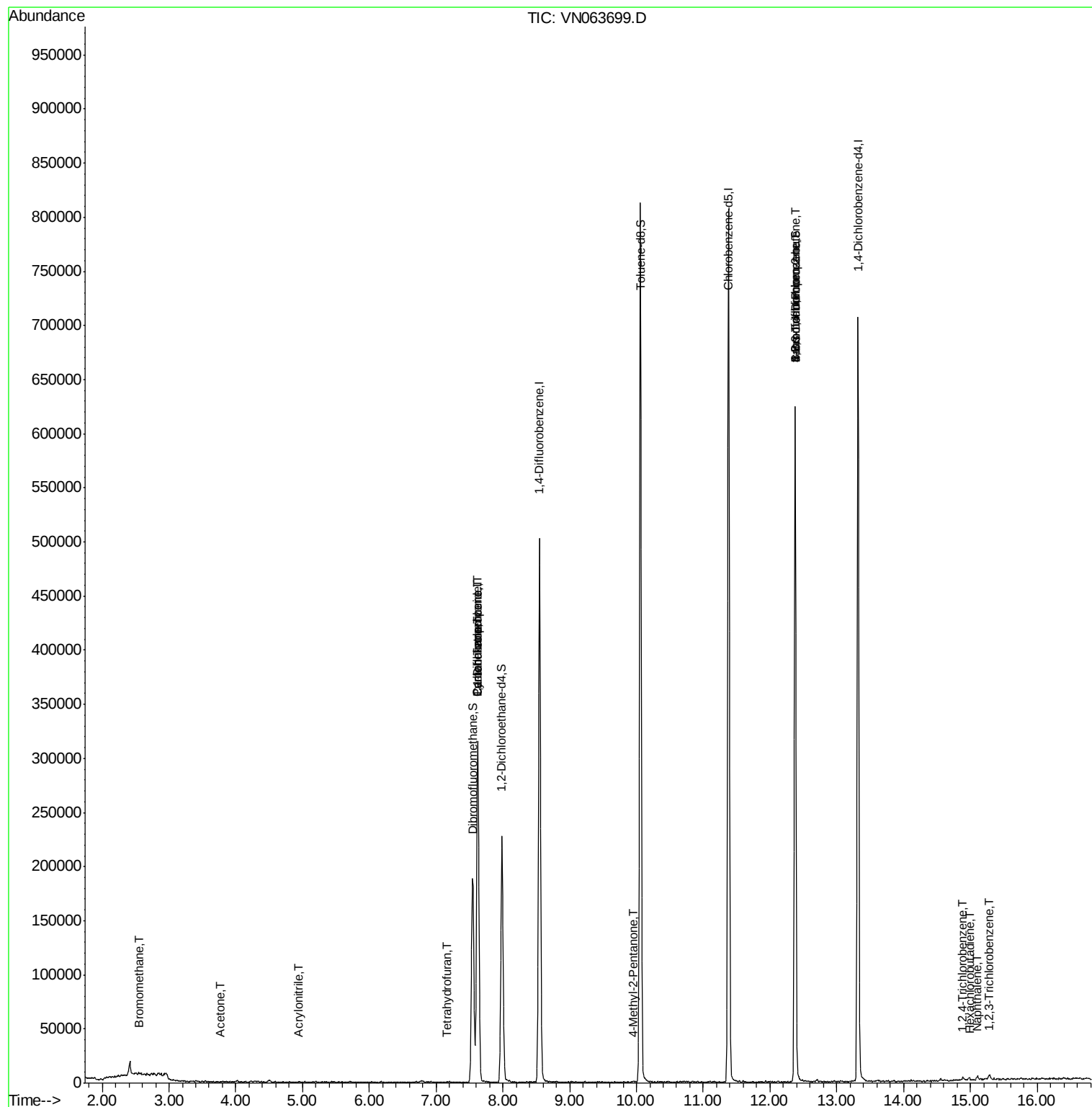
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	588	0.322	ug/l #	3
15) Acrylonitrile	4.95	53	309	0.223	ug/l #	42
16) Acetone	3.77	43	352	0.278	ug/l #	47
29) Tetrahydrofuran	7.17	42	277	0.208	ug/l #	54
31) Cyclohexane	7.61	56	6788	1.247	ug/l #	46
36) 1,1-Dichloropropene	7.62	75	22567	5.065	ug/l #	48
38) Carbon Tetrachloride	7.62	117	26307	5.784	ug/l #	17
51) 4-Methyl-2-Pentanone	9.95	43	1089	0.249	ug/l #	39
71) Bromoform	12.38	173	2344	0.965	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	118275	27.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118275	75.409	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.88	180	712	0.212	ug/l	66
94) Hexachlorobutadiene	14.98	225	528	0.380	ug/l	92
95) Naphthalene	15.11	128	3340	0.301	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.29	180	1387	0.427	ug/l	77

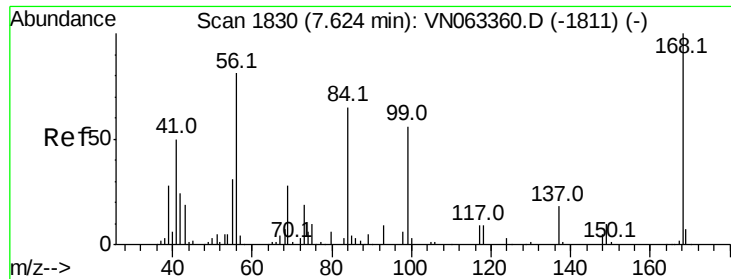
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092820\
Data File : VN063699.D
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Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Sep 29 00:38:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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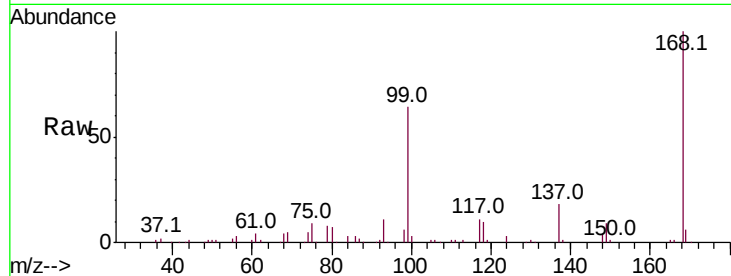




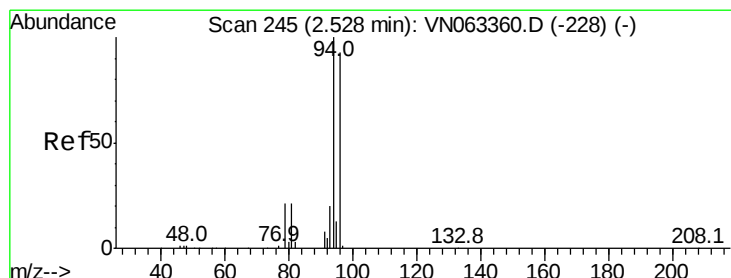
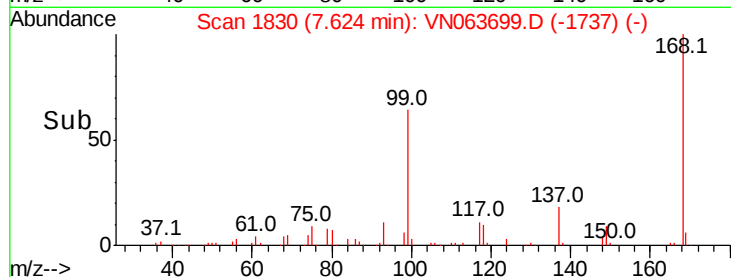
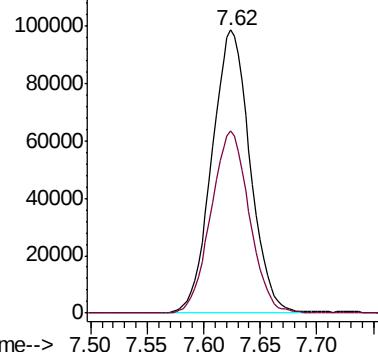
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN063699.D
Acq: 28 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
VN0928MBL01

Tot Ion:168 Resp: 231506
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

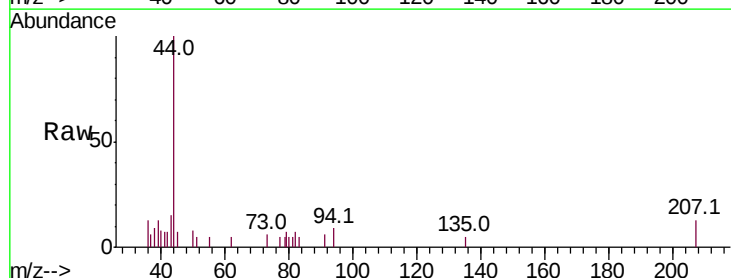


Abundance Ion 167.90 (167.60 to 168.60): VN063360.D (-1811) (-)
Ion 98.90 (98.60 to 99.60): VN063360.D (-1811) (-)

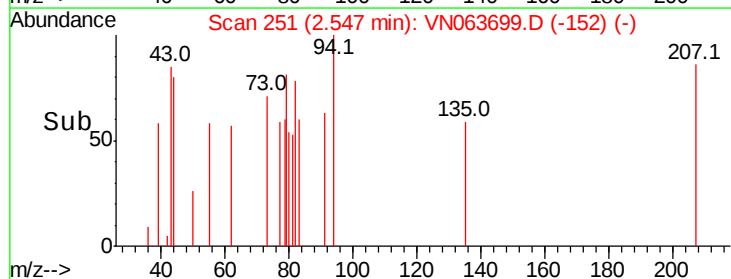
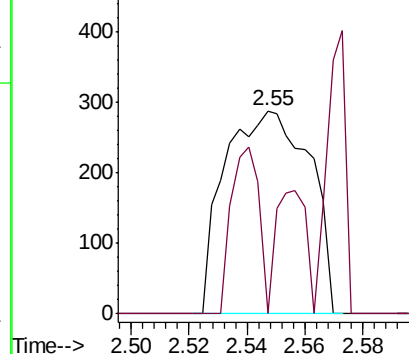


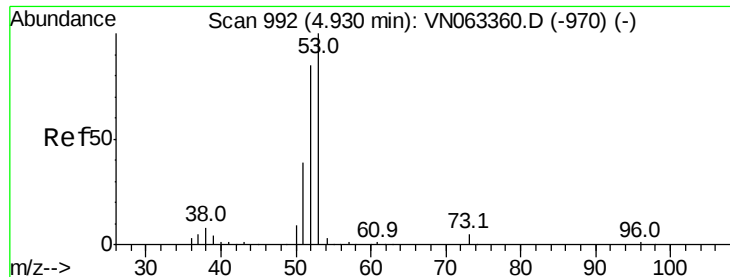
#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.55 min Scan# 251
Delta R.T. 0.02 min
Lab File: VN063699.D
Acq: 28 Sep 2020 12:40

Tgt Ion: 94 Resp: 588
Ion Ratio Lower Upper
94 100
96 0.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VN063360.D (-228) (-)
Ion 95.90 (95.60 to 96.60): VN063360.D (-228) (-)





#15

Acrylonitrile

Concen: 0.223 ug/l

RT: 4.95 min Scan# 999

Delta R.T. 0.02 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

VN0928MBL01

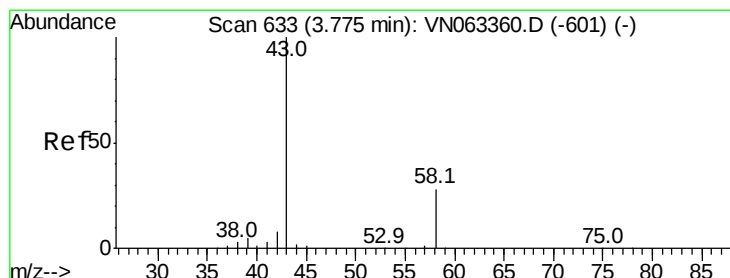
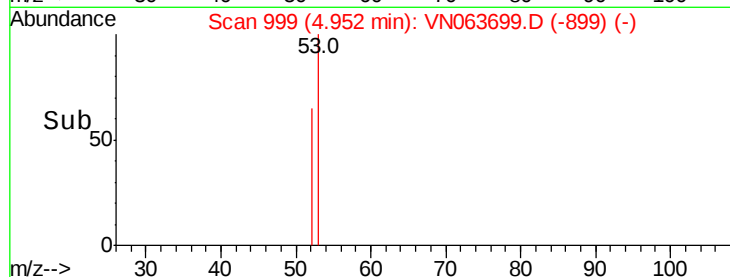
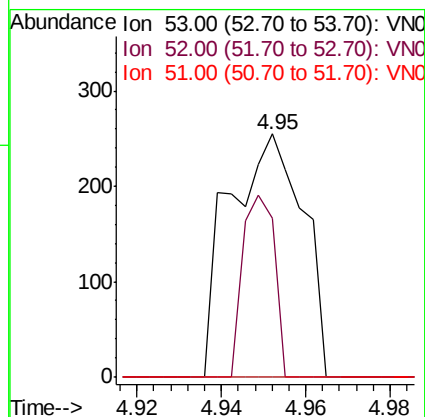
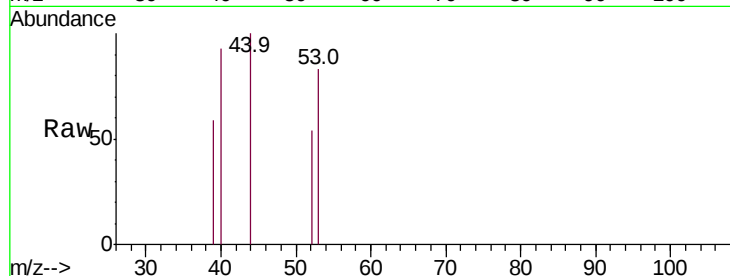
Tot Ion: 53 Resp: 309

Ion Ratio Lower Upper

53 100

52 32.7 66.4 99.6#

51 0.0 30.2 45.4#



#16

Acetone

Concen: 0.278 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063699.D

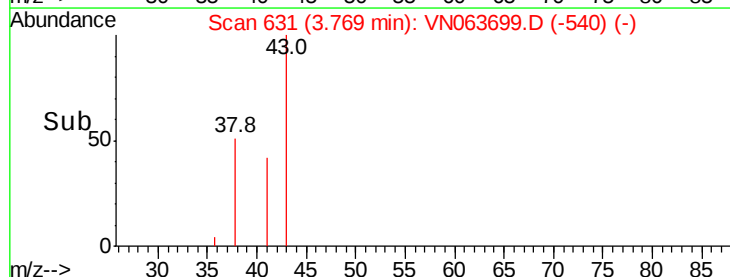
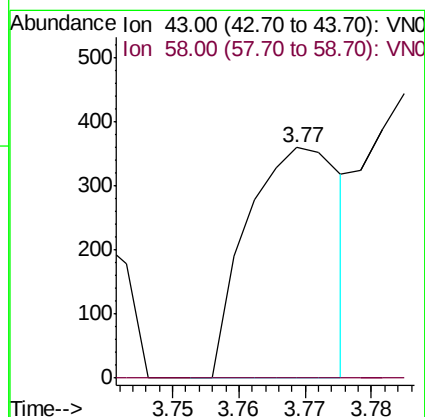
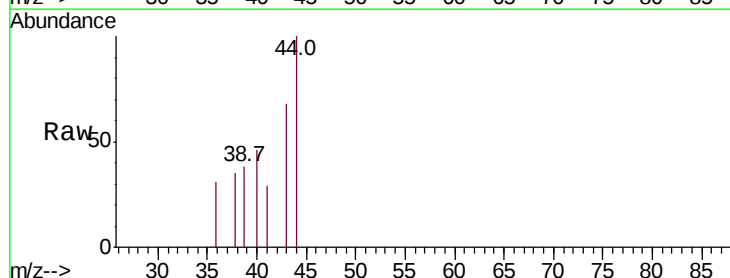
Acq: 28 Sep 2020 12:40

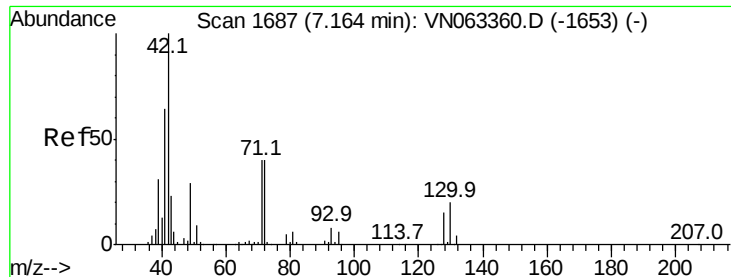
Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0928MBL01

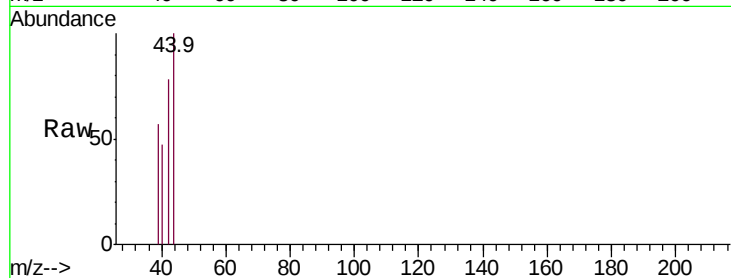
Tot Ion: 42 Resp: 277

Ion Ratio Lower Upper

42 100

72 22.0 32.1 48.1#

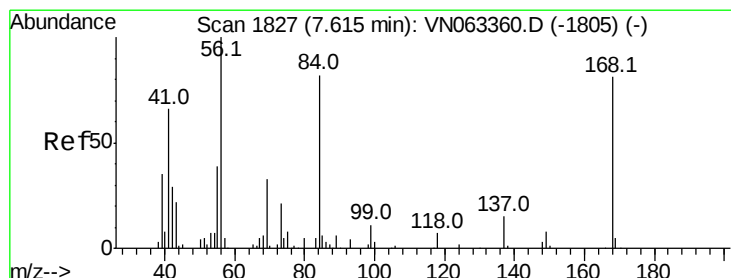
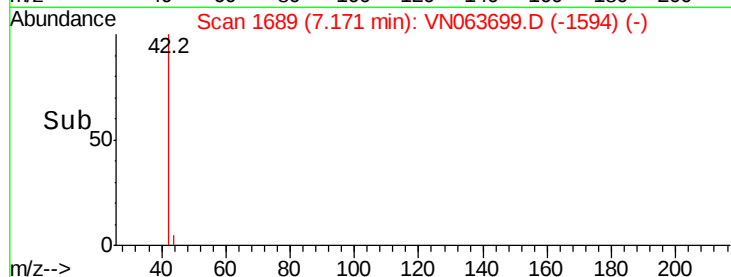
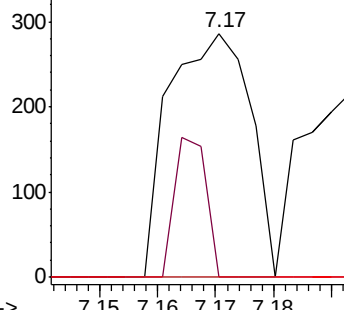
71 0.0 31.2 46.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

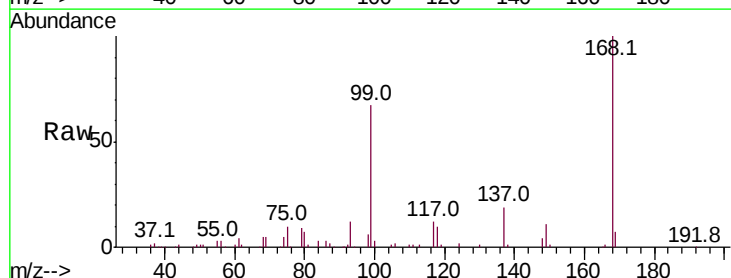
Tgt Ion: 56 Resp: 6788

Ion Ratio Lower Upper

56 100

69 132.0 26.1 39.1#

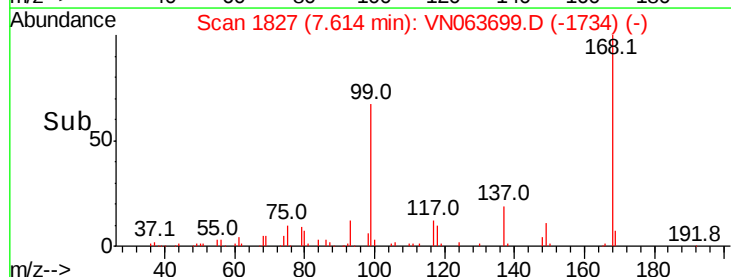
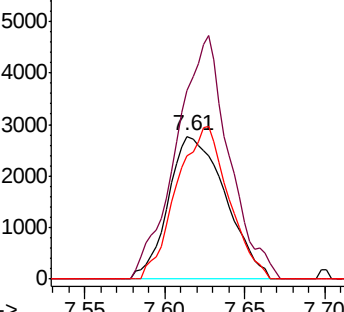
84 86.1 65.4 98.2

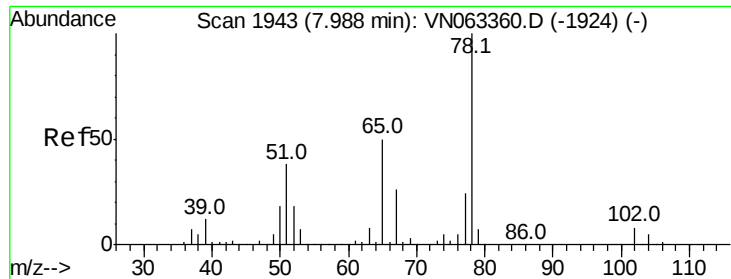


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

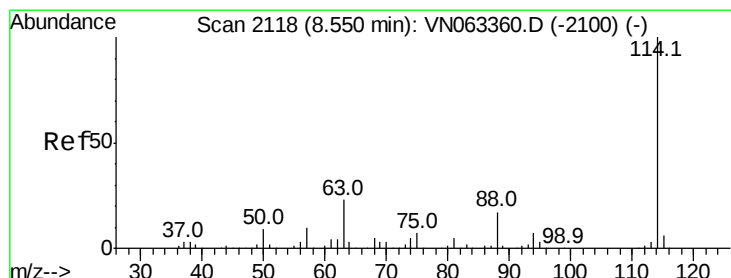
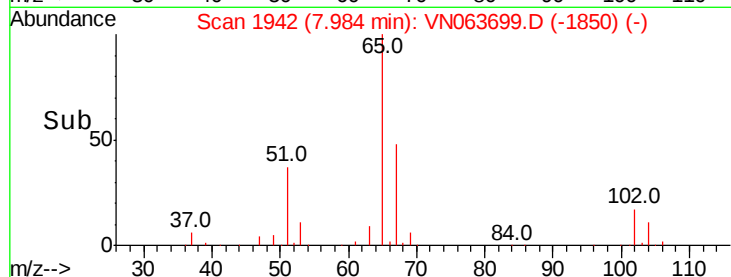
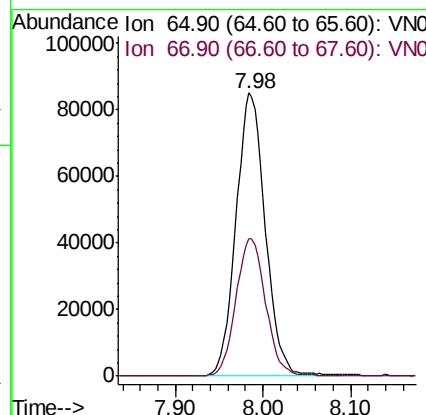
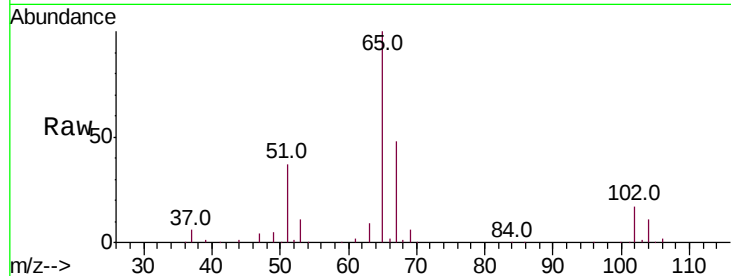




#33
 1,2-Dichloroethane-d4
 Concen: 50.275 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063699.D
 Acq: 28 Sep 2020 12:40

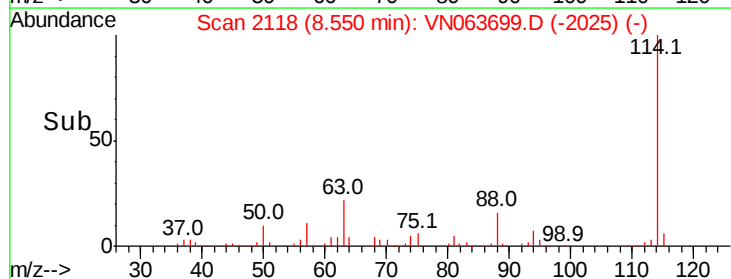
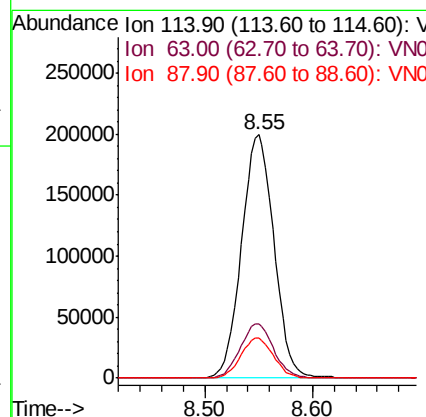
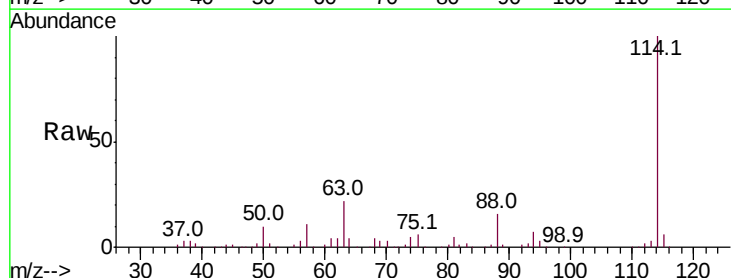
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0928MBL01

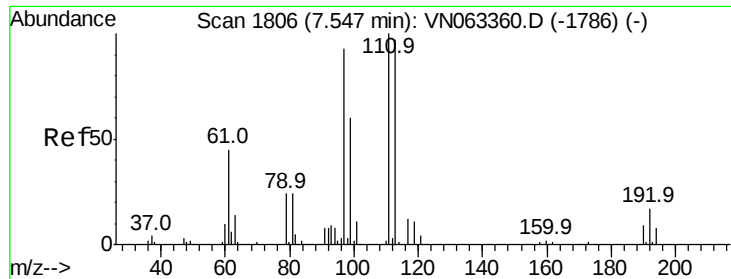
Tot Ion: 65 Resp: 198124
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063699.D
 Acq: 28 Sep 2020 12:40

Tgt Ion: 114 Resp: 418227
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.4
 88 16.2 0.0 33.2

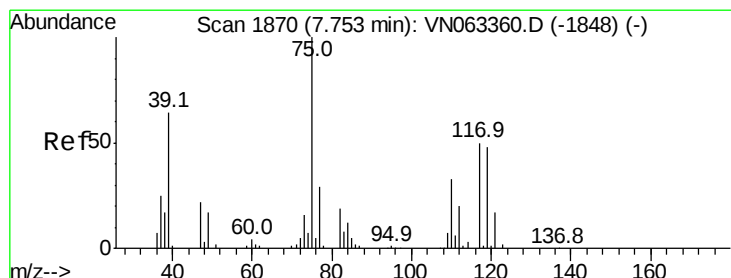
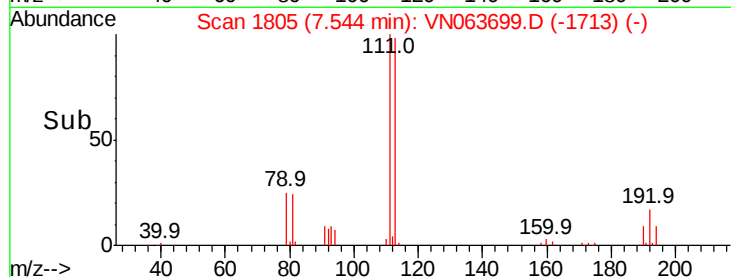
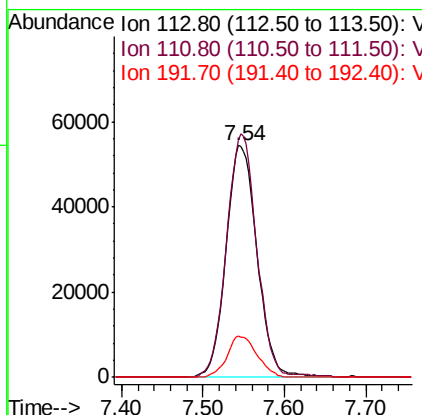
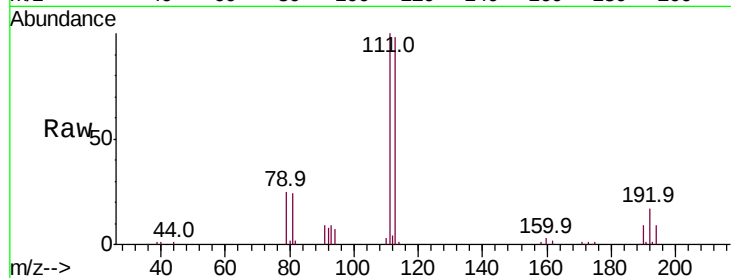




#35
 Dibromofluoromethane
 Concen: 50.163 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063699.D
 Acq: 28 Sep 2020 12:40

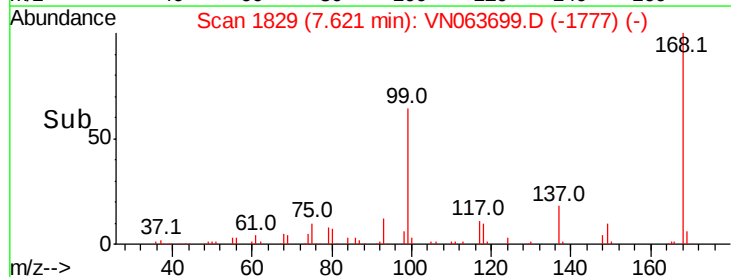
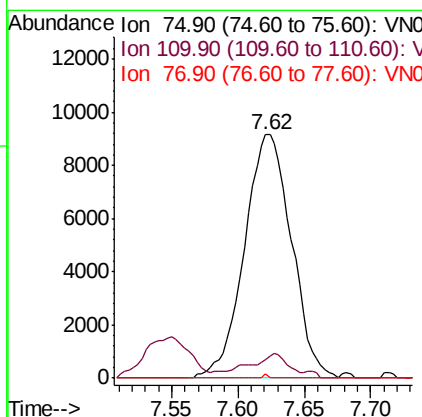
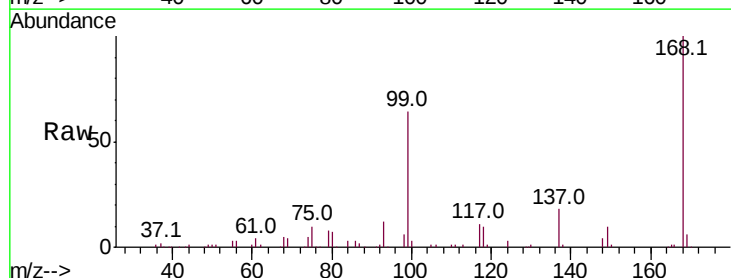
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928MBL01

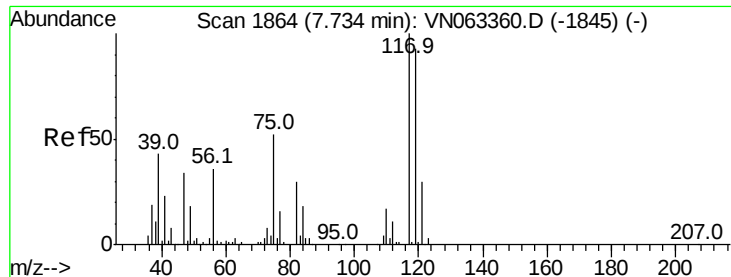
Tot Ion:113 Resp: 145238
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 17.2 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 5.065 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN063699.D
 Acq: 28 Sep 2020 12:40

Tgt Ion: 75 Resp: 22567
 Ion Ratio Lower Upper
 75 100
 110 5.7 16.5 49.5#
 77 0.1 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

VN0928MBL01

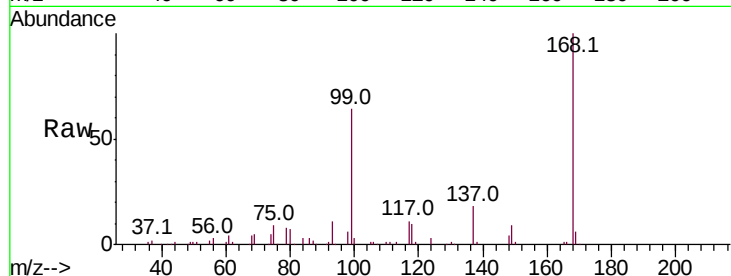
Tot Ion:117 Resp: 26307

Ion Ratio Lower Upper

117 100

119 5.3 74.5 111.7#

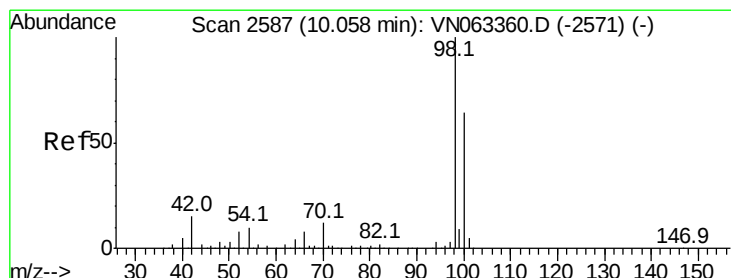
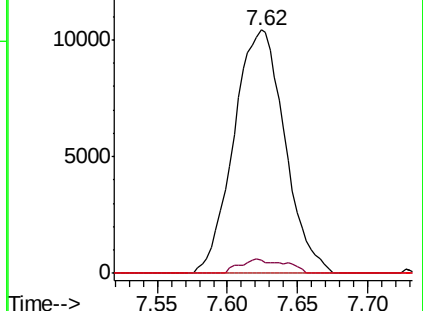
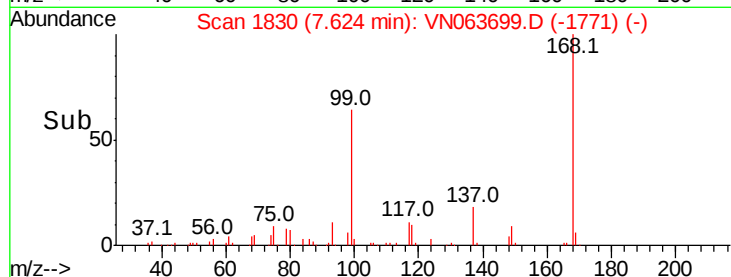
121 0.0 24.1 36.1#



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



#50

Toluene-d8

Concen: 49.033 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063699.D

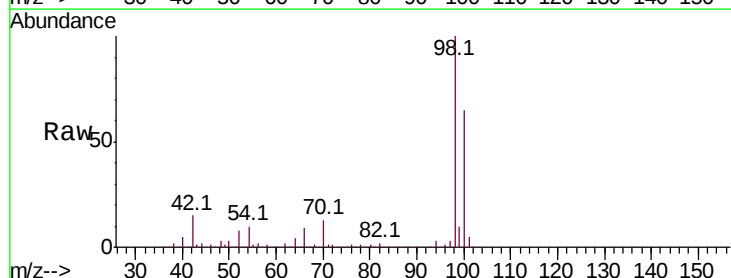
Acq: 28 Sep 2020 12:40

Tgt Ion: 98 Resp: 533810

Ion Ratio Lower Upper

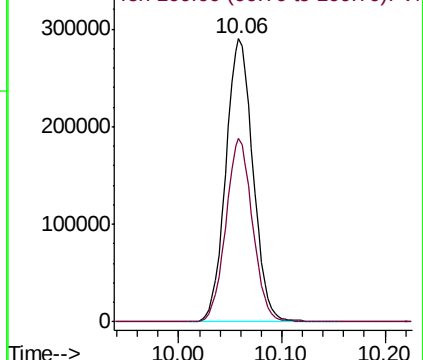
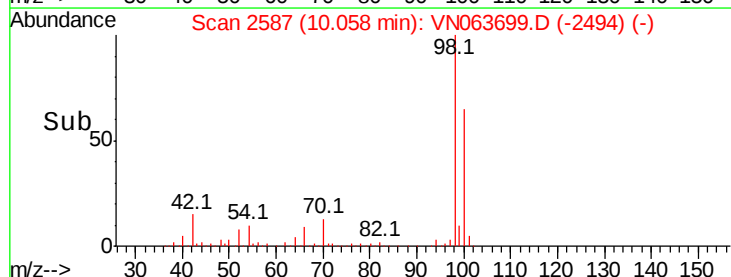
98 100

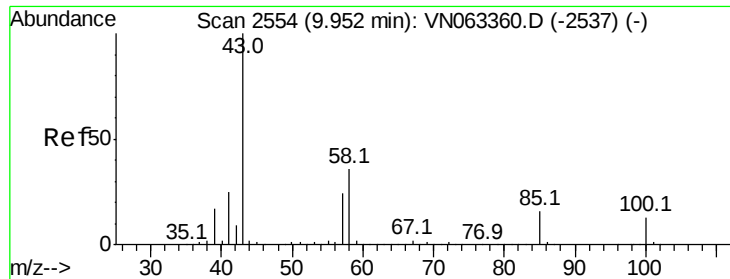
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.249 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

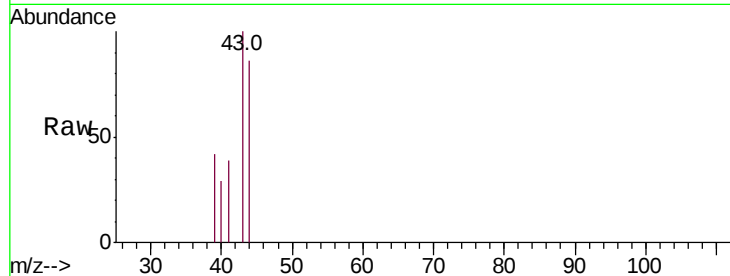
VN0928MBL01

Tot Ion: 43 Resp: 1089

Ion Ratio Lower Upper

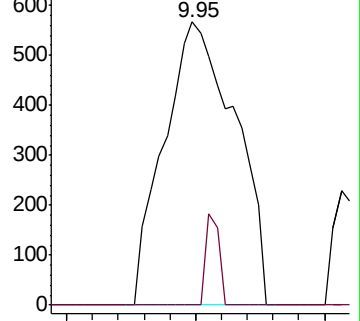
43 100

58 0.0 29.0 43.6#

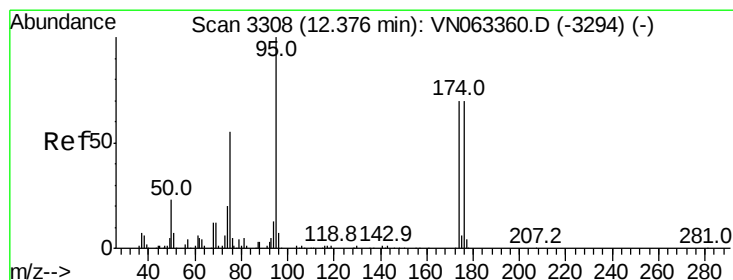
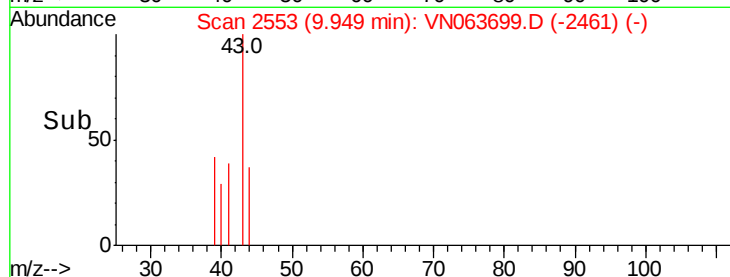


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time--> 9.90 9.95



#62

4-Bromofluorobenzene

Concen: 50.777 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

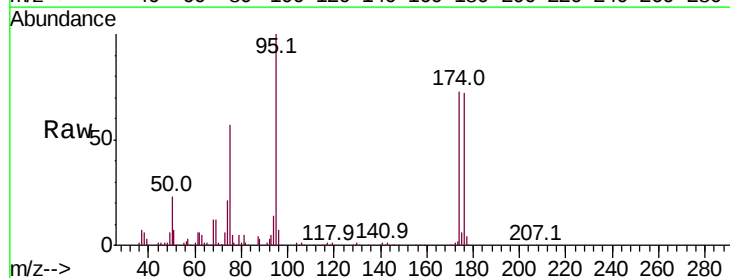
Tgt Ion: 95 Resp: 202647

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.8

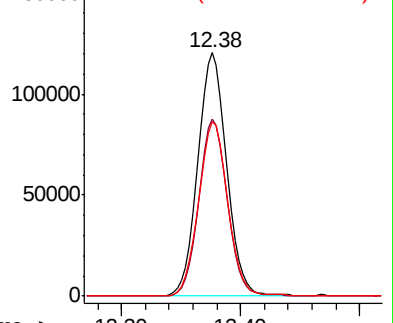
176 72.5 0.0 137.6



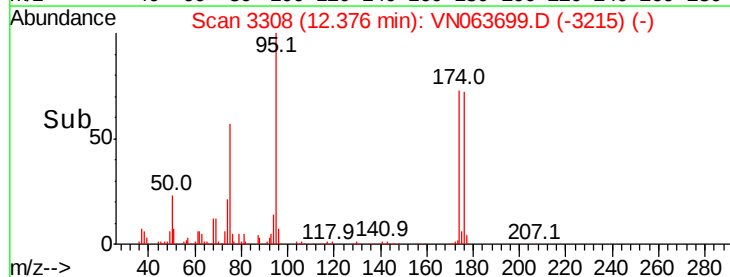
Abundance Ion 94.90 (94.60 to 95.60): VN0

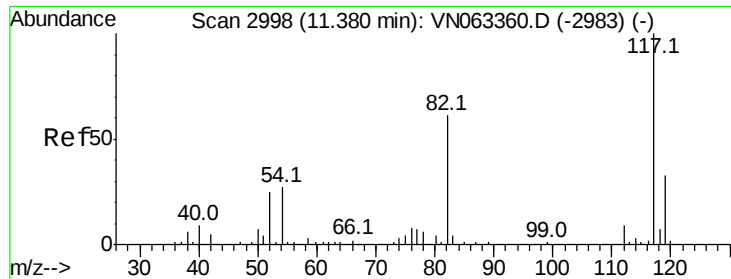
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.30 12.40

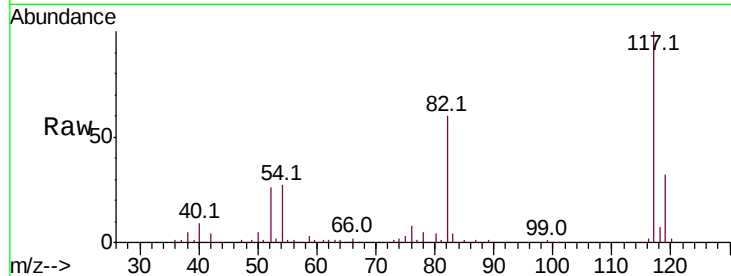




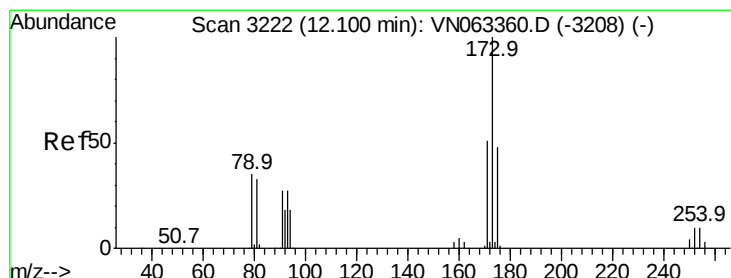
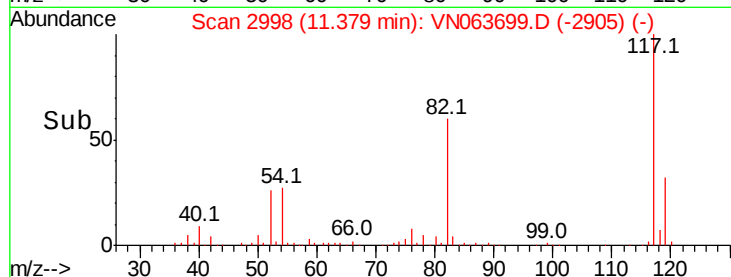
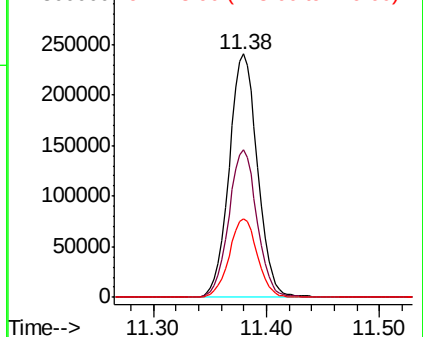
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063699.D
Acq: 28 Sep 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0928MBL01

Tot Ion:117 Resp: 419249
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.4 26.2 39.4

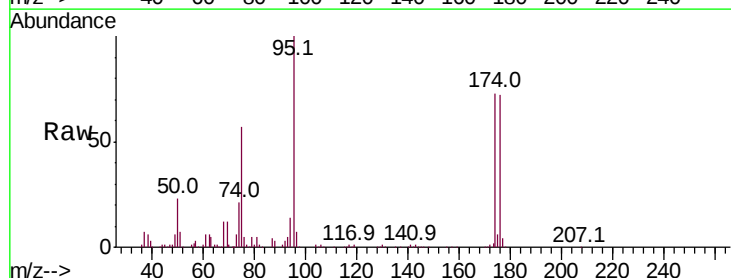


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

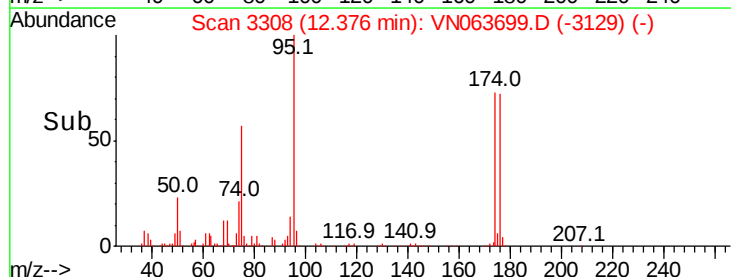
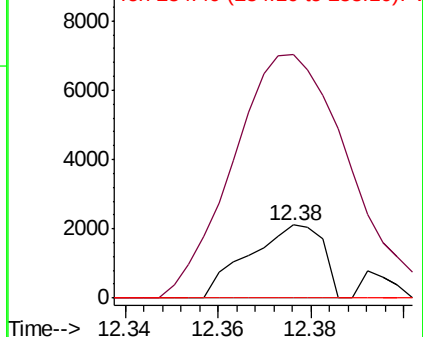


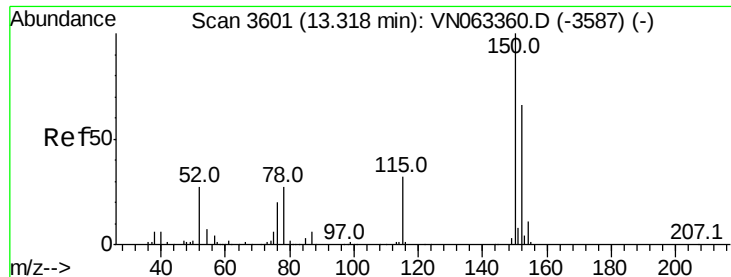
#71
Bromoform
Concen: 0.965 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063699.D
Acq: 28 Sep 2020 12:40

Tgt Ion:173 Resp: 2344
Ion Ratio Lower Upper
173 100
175 436.7 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: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0928MBL01

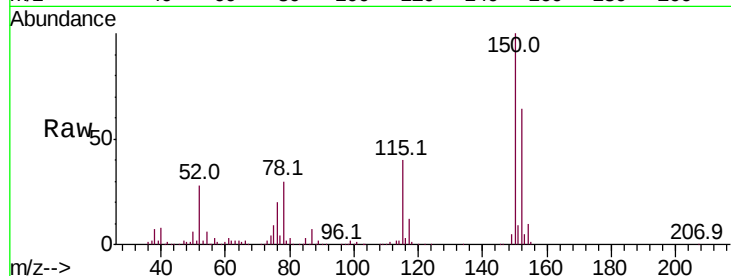
Tot Ion:152 Resp: 173730

Ion Ratio Lower Upper

152 100

115 62.9 32.2 96.6

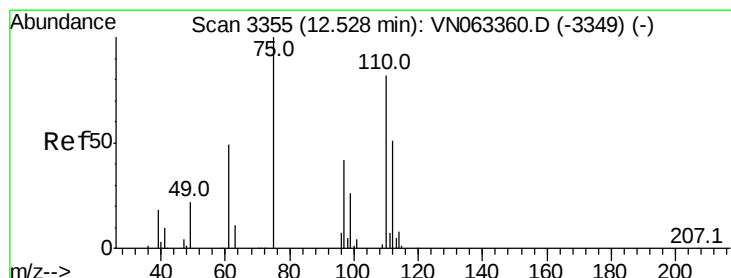
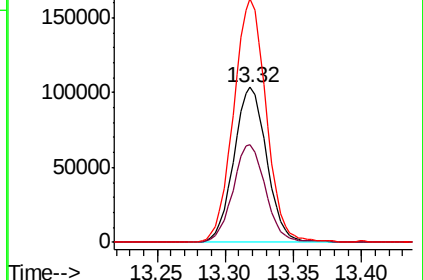
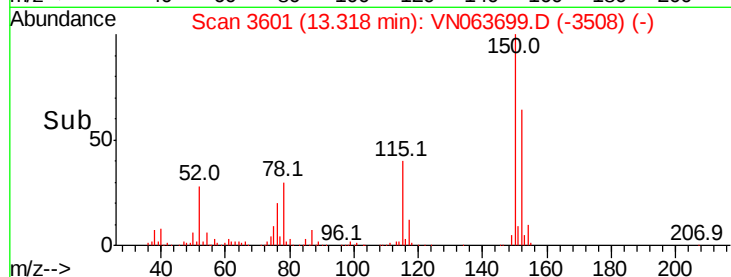
150 155.5 0.0 343.4



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: 27.505 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063699.D

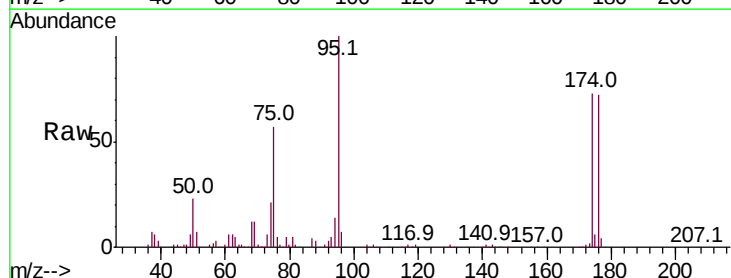
Acq: 28 Sep 2020 12:40

Tgt Ion: 75 Resp: 118275

Ion Ratio Lower Upper

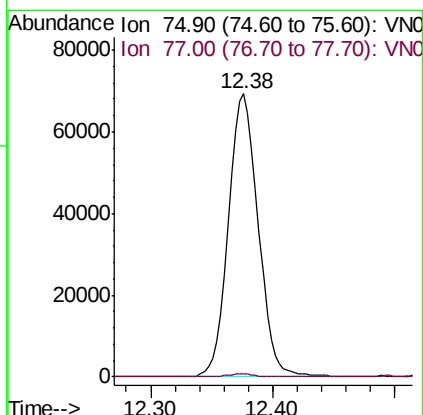
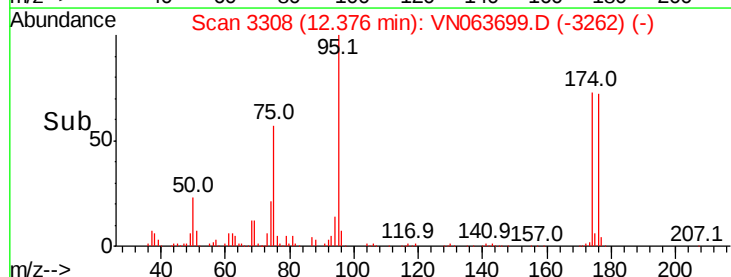
75 100

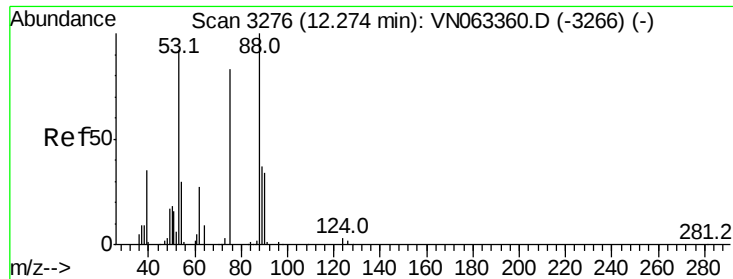
77 1.0 0.0 0.0#



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: 75.409 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0928MBL01

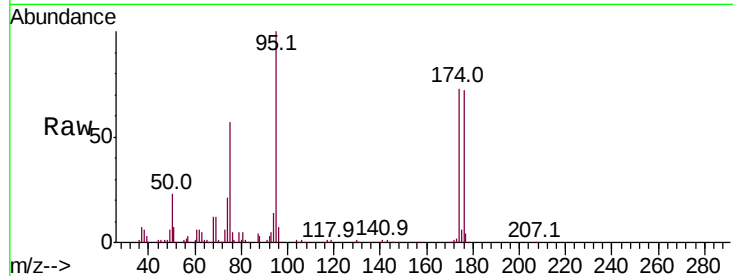
Tot Ion: 75 Resp: 118275

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

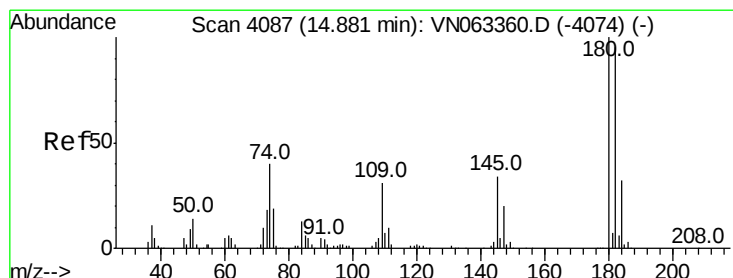
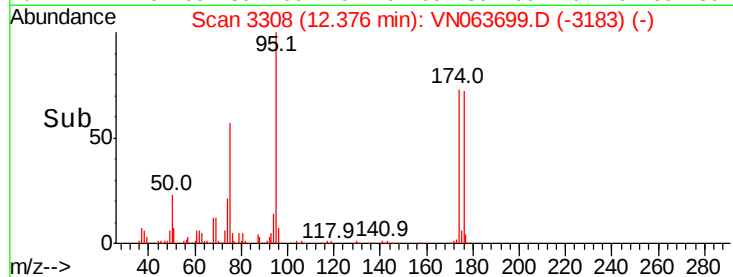
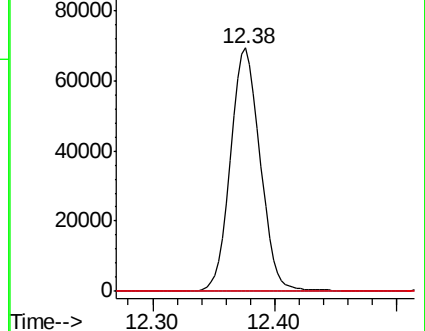
89 0.0 38.0 57.0#



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: 0.212 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

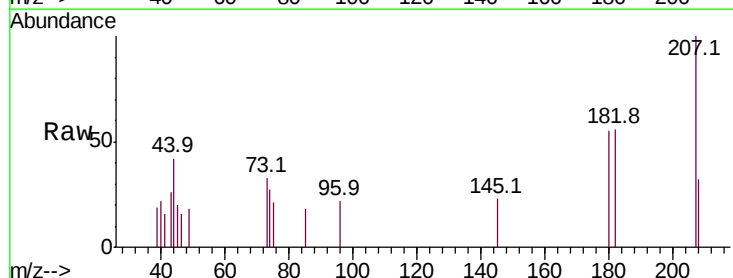
Tgt Ion: 180 Resp: 712

Ion Ratio Lower Upper

180 100

182 130.6 47.3 142.0

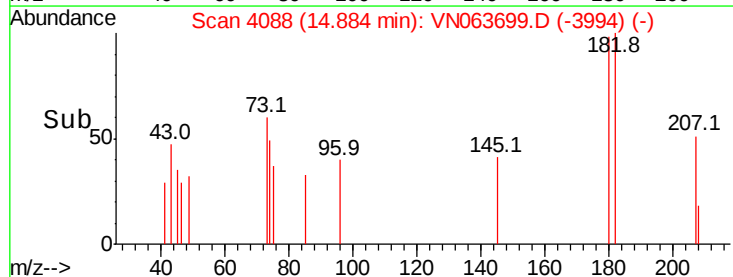
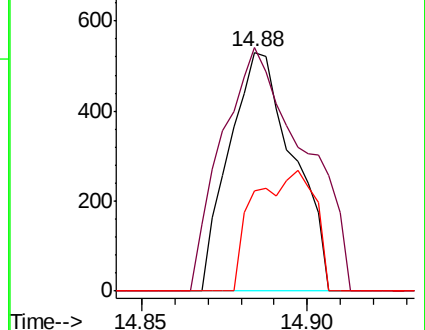
145 48.2 16.6 49.7

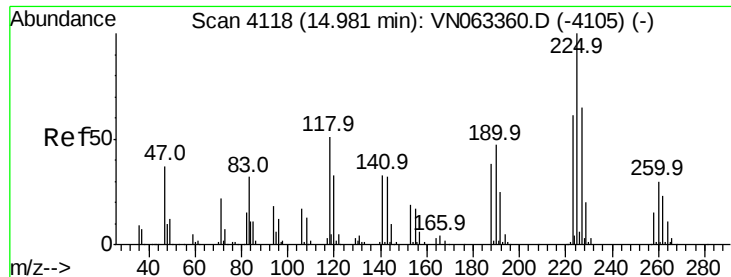


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.380 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

VN0928MBL01

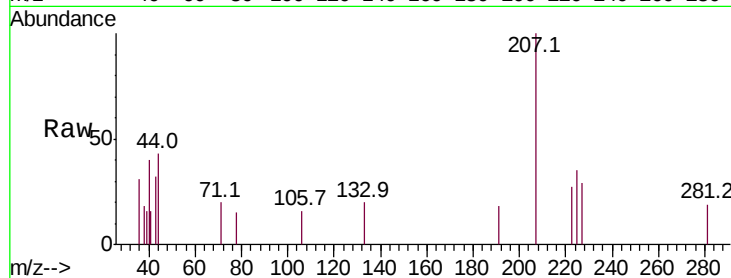
Tot Ion:225 Resp: 528

Ion Ratio Lower Upper

225 100

223 72.2 30.6 91.6

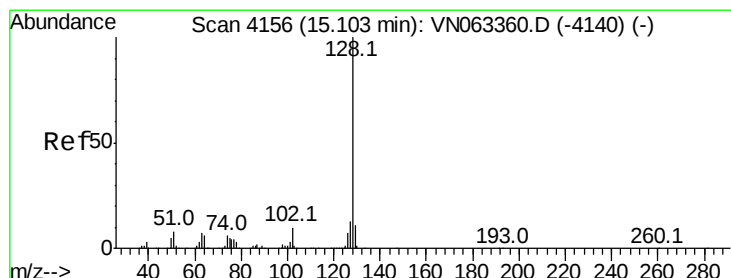
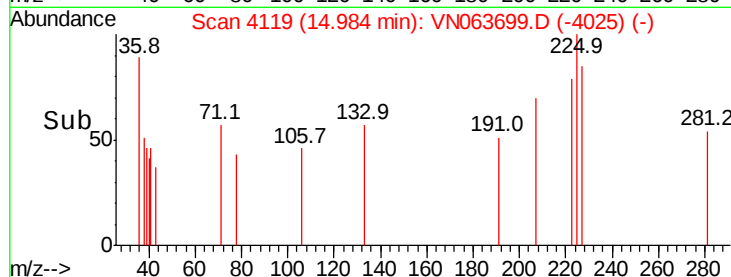
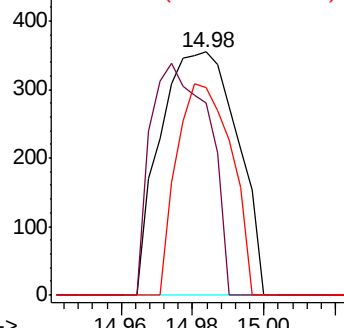
227 61.6 31.2 93.6



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: 0.301 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN063699.D

Acq: 28 Sep 2020 12:40

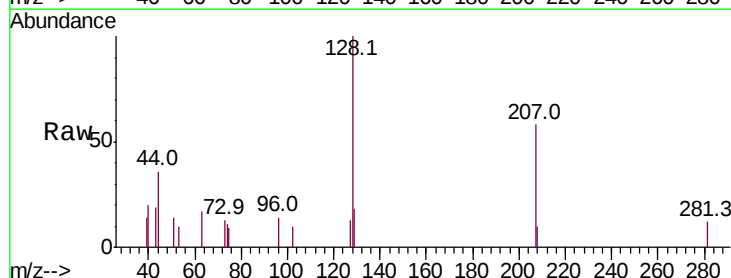
Tgt Ion:128 Resp: 3340

Ion Ratio Lower Upper

128 100

127 6.4 10.6 15.8#

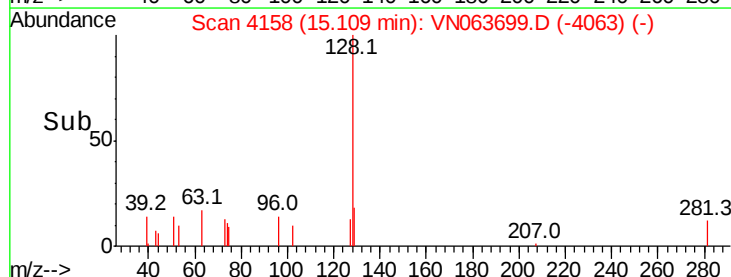
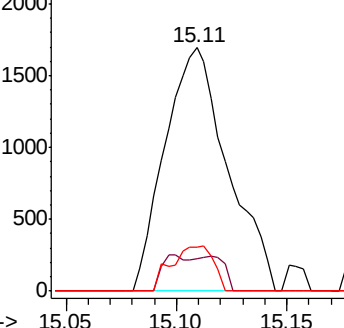
129 12.4 8.8 13.2

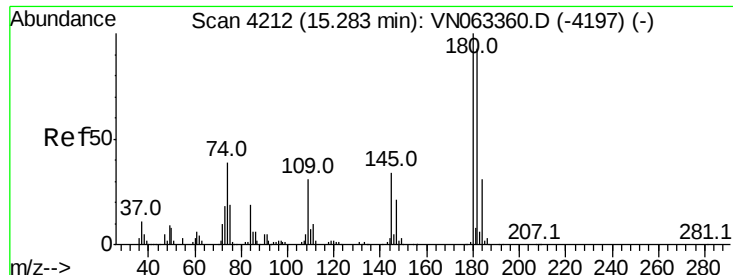


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.427 ug/l
 RT: 15.29 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN063699.D
 Acq: 28 Sep 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	114.2	46.7	140.1
145	18.2	16.8	50.3

