

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062129.D
 Acq On : 26 Jun 2020 10:54
 Operator : JC/MD
 Sample : VN0626MBL01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBL01

Quant Time: Jun 27 03:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

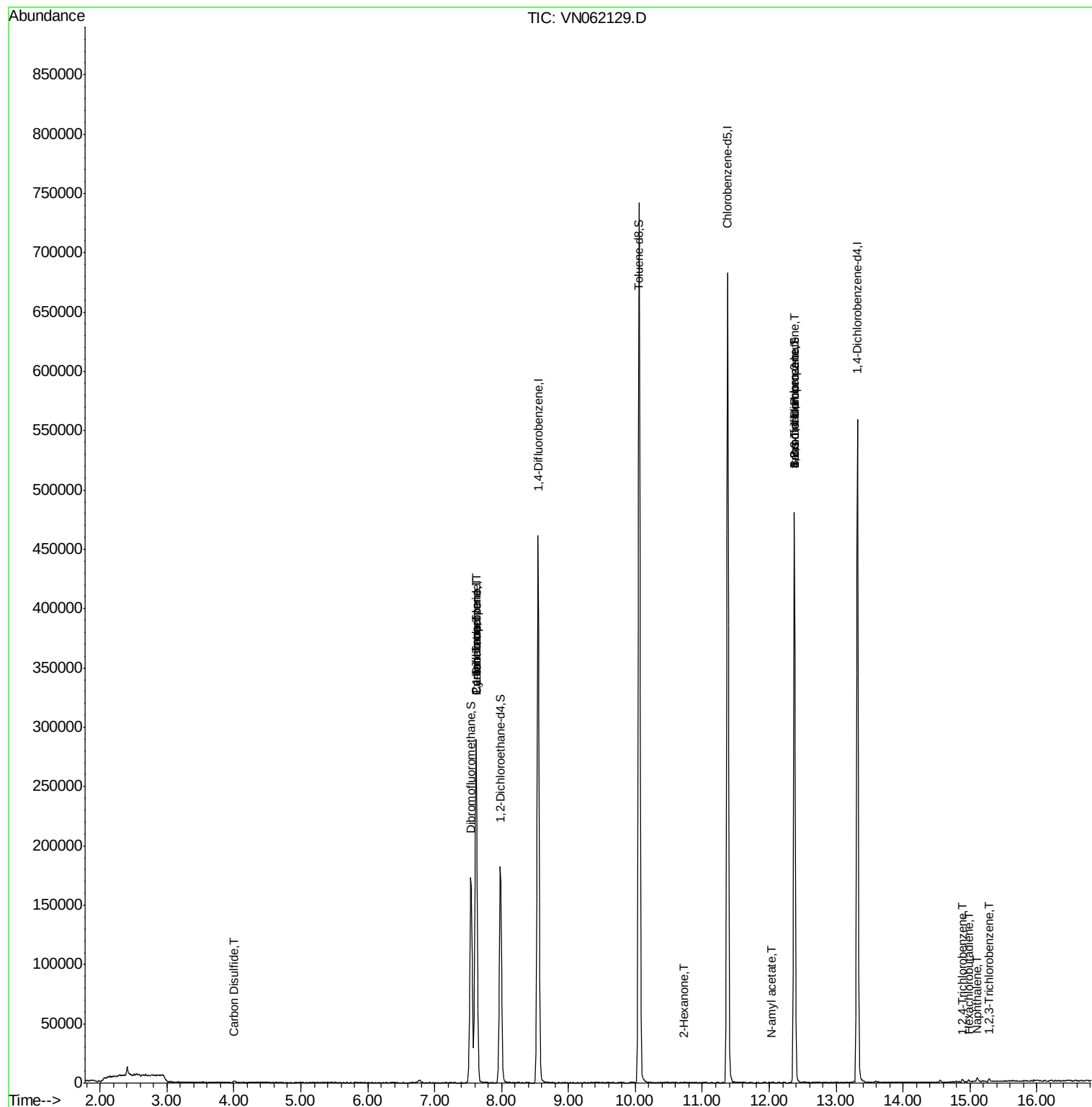
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	239694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	437081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	153875	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	7.54	113	133854	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.06	98	532143	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.37	95	174119	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	250	Below Cal	#	76
16) Acetone	3.79	43	969	Below Cal	#	40
17) Carbon Disulfide	4.01	76	2363	0.350	ug/l #	75
20) Methylene Chloride	4.49	84	286	Below Cal	#	65
31) Cyclohexane	7.62	56	5084	1.094	ug/l #	27
36) 1,1-Dichloropropene	7.62	75	19073	4.341	ug/l #	44
38) Carbon Tetrachloride	7.62	117	23929	5.777	ug/l #	15
59) 2-Hexanone	10.73	43	531	0.212	ug/l #	36
71) Bromoform	12.36	173	1551	0.698	ug/l #	1
74) N-amyl acetate	12.04	43	257	3.396	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	85640	23.010	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	85640	67.197	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.89	180	823	0.364	ug/l	83
94) Hexachlorobutadiene	14.98	225	548	0.558	ug/l #	69
95) Naphthalene	15.11	128	4385	4.530	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.28	180	983	0.425	ug/l	86

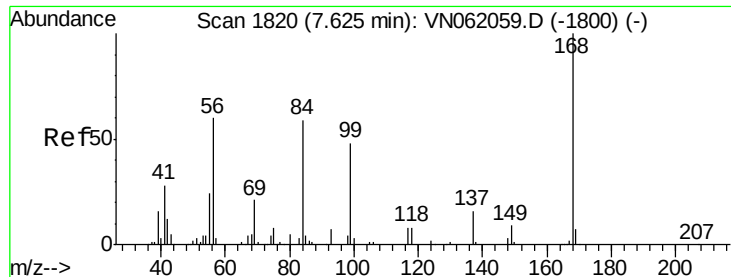
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN062620\
Data File : VN062129.D
Acq On : 26 Jun 2020 10:54
Operator : JC/MD
Sample : VN0626MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 27 03:38:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

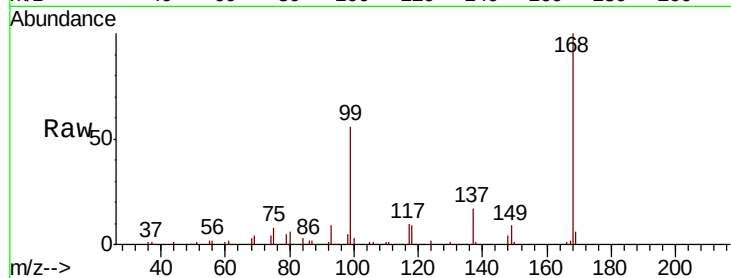
VN0626MBL01

Tot Ion:168 Resp: 239694

Ion Ratio Lower Upper

168 100

99 56.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

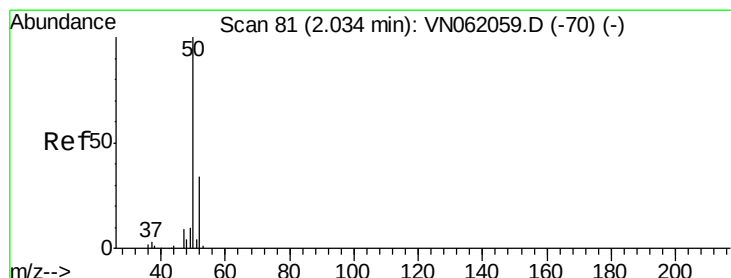
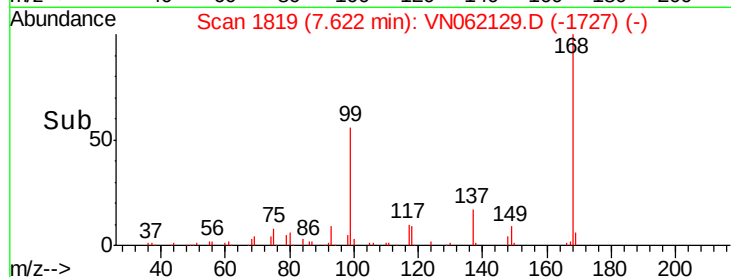
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062129.D

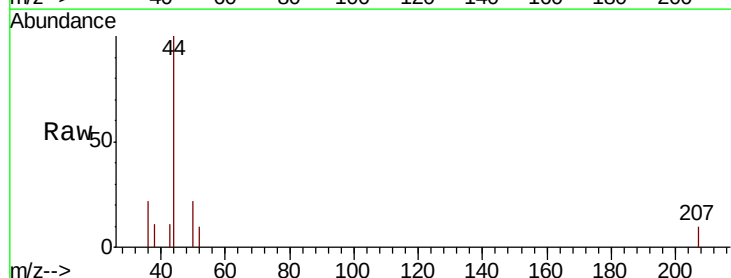
Acq: 26 Jun 2020 10:54

Tgt Ion: 50 Resp: 250

Ion Ratio Lower Upper

50 100

52 47.4 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

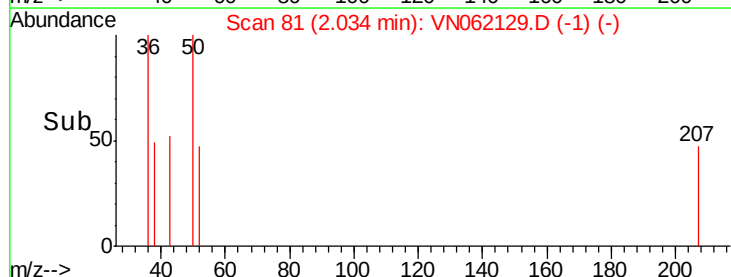
300

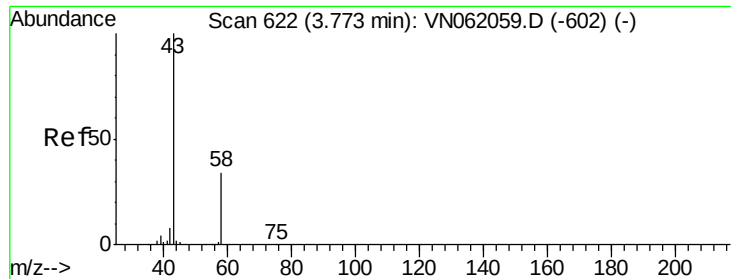
200

100

0

Time--> 2.01 2.02 2.03 2.04 2.05

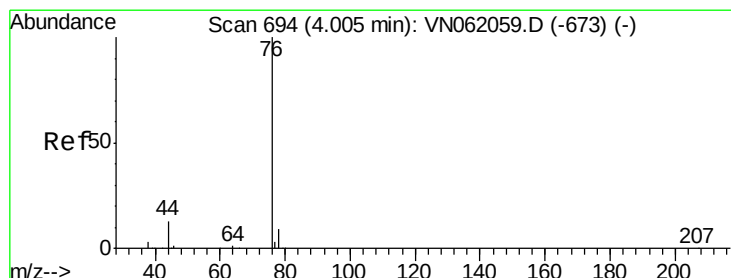
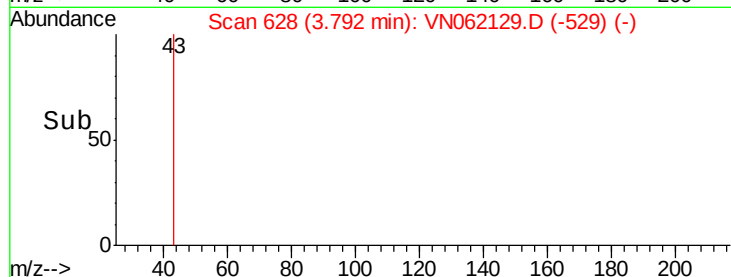
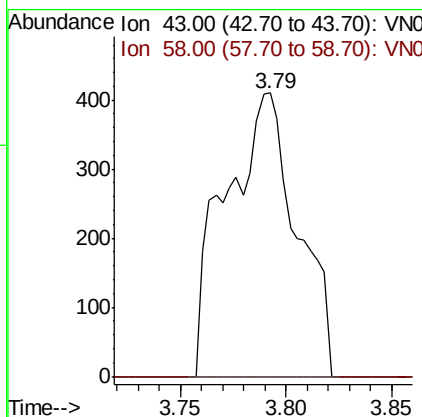
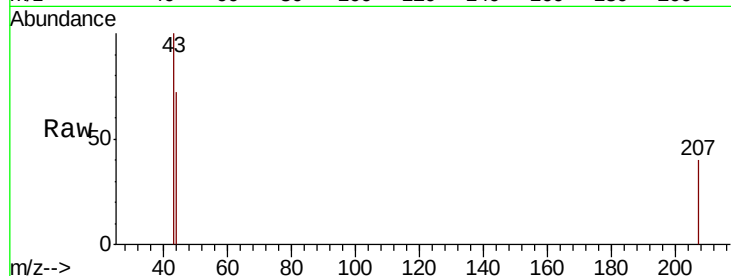




#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 628
Delta R.T. 0.02 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

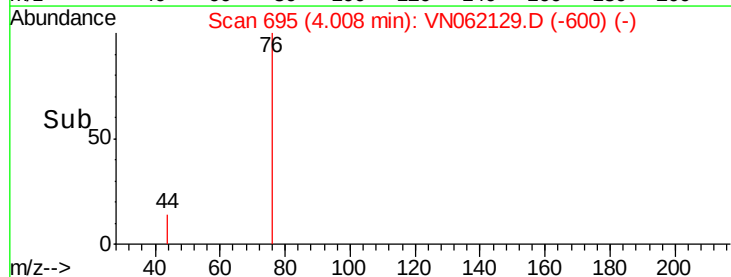
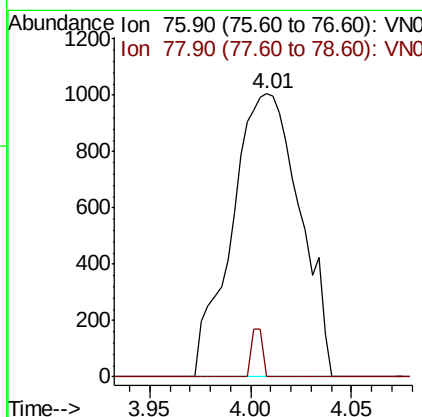
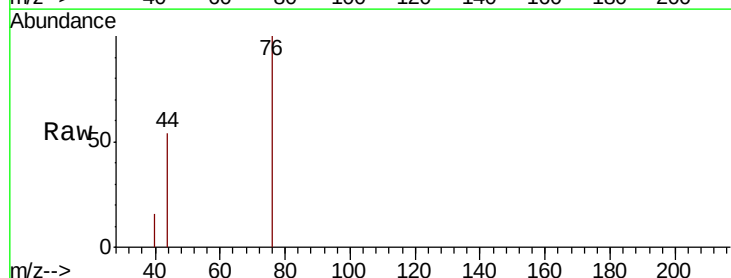
Instrument :
MSVOA_N
ClientSampleId :
VN0626MBL01

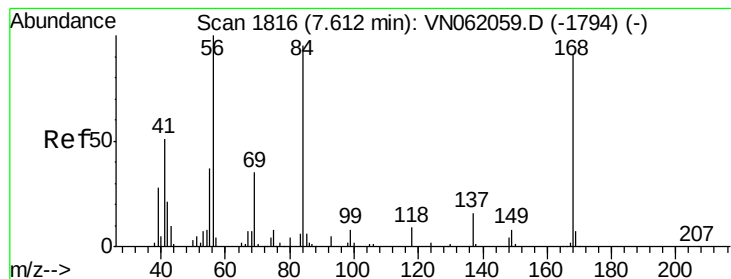
Tot Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#17
Carbon Disulfide
Concen: 0.350 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

Tgt Ion: 76 Resp: 2363
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#31

Cyclohexane

Concen: 1.094 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBL01

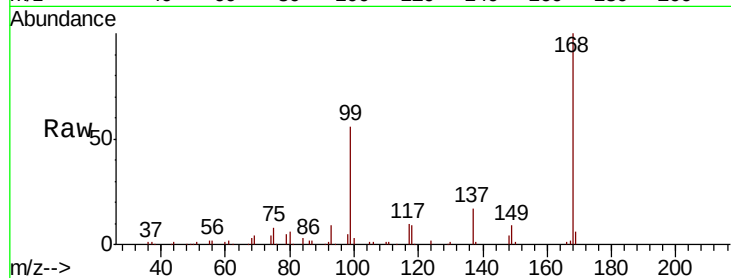
Tot Ion: 56 Resp: 5084

Ion Ratio Lower Upper

56 100

69 151.8 28.0 42.0#

84 120.7 76.1 114.1#

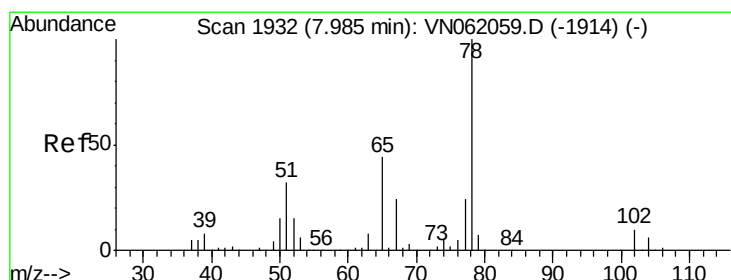
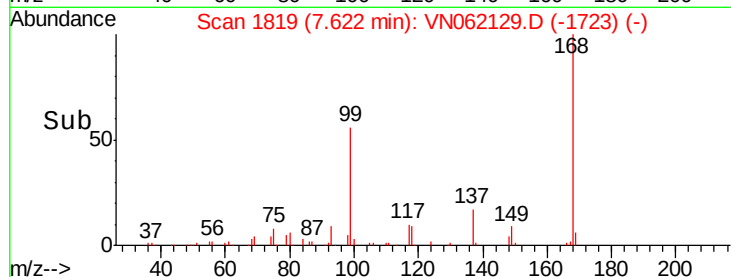
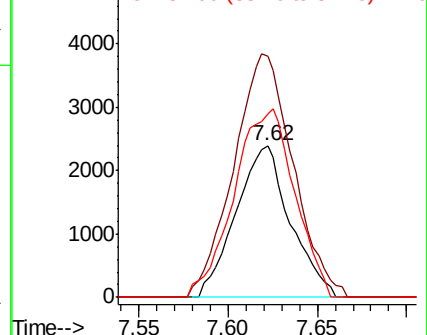


Abundance

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: 45.746 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN062129.D

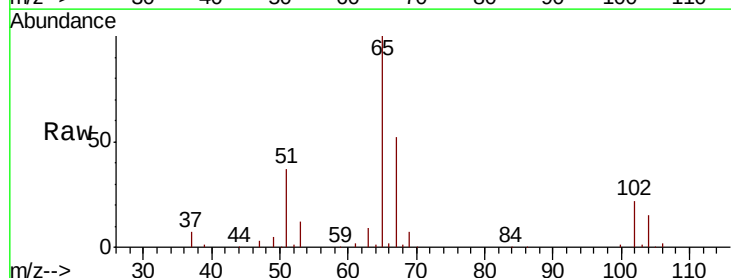
Acq: 26 Jun 2020 10:54

Tgt Ion: 65 Resp: 153875

Ion Ratio Lower Upper

65 100

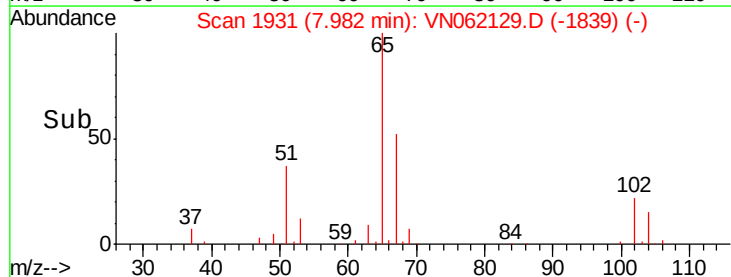
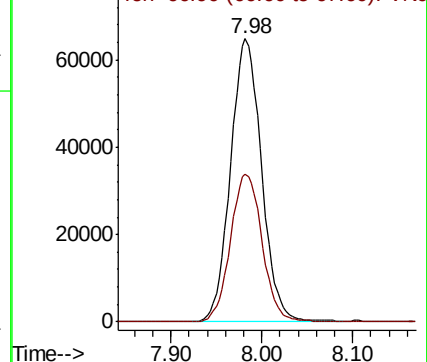
67 53.2 0.0 106.2

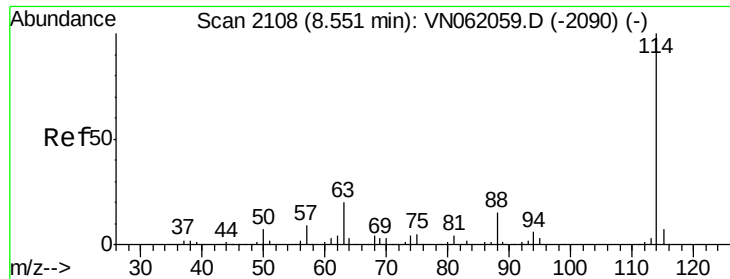


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

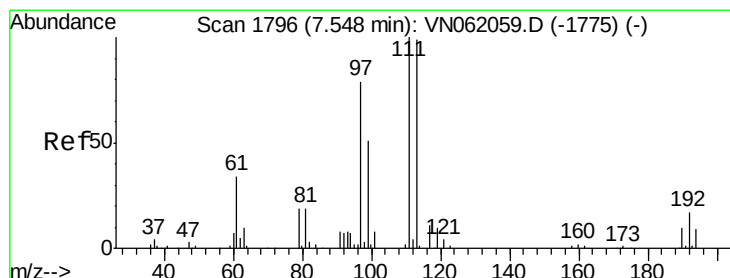
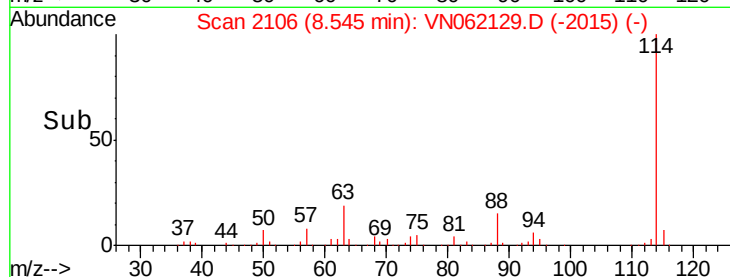
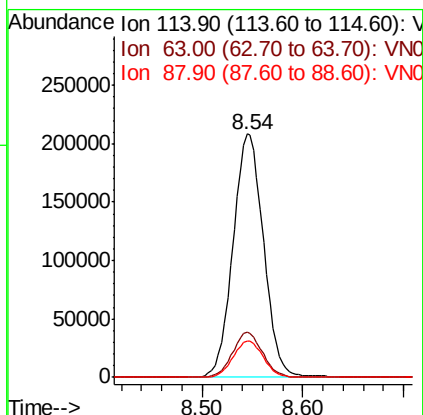
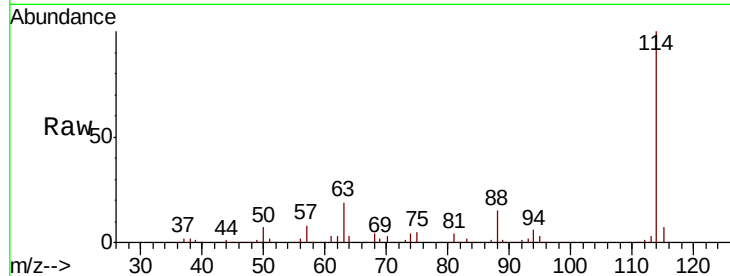




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062129.D
 Acq: 26 Jun 2020 10:54

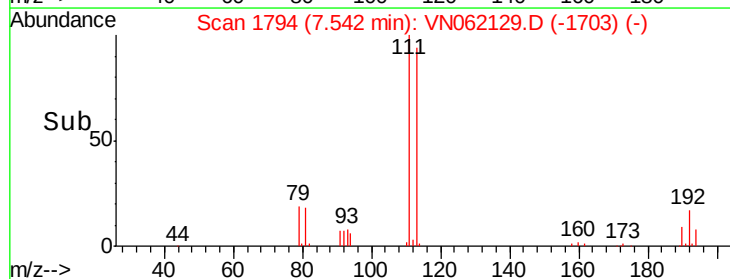
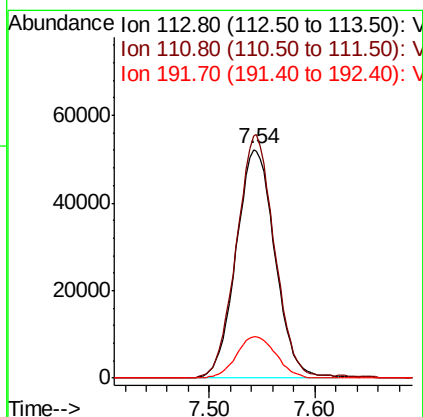
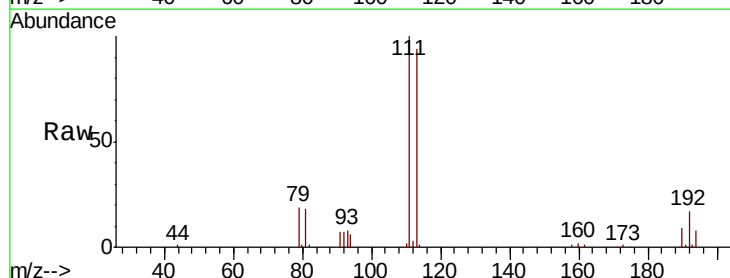
Instrument :
 MSVOA_N
 ClientSampled :
 VN0626MBL01

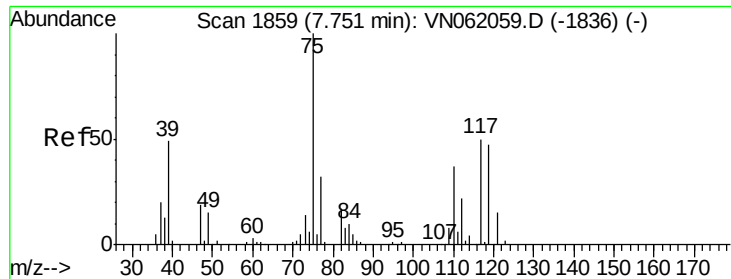
Tot Ion:114 Resp: 437081
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.9 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 47.735 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062129.D
 Acq: 26 Jun 2020 10:54

Tgt Ion:113 Resp: 133854
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.4
 192 18.5 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.341 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.13 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBL01

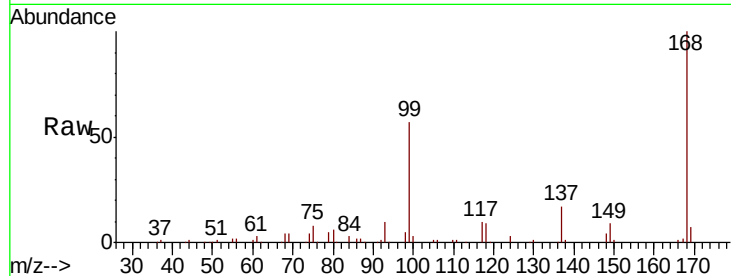
Tot Ion: 75 Resp: 19073

Ion Ratio Lower Upper

75 100

110 2.8 17.9 53.8#

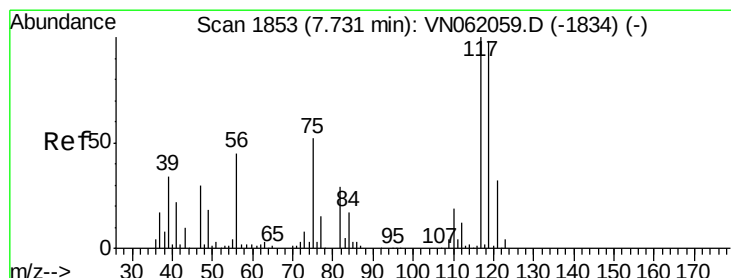
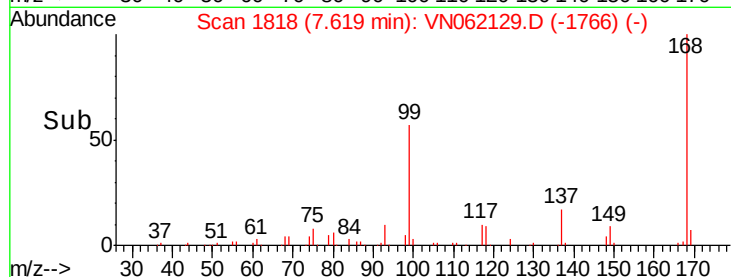
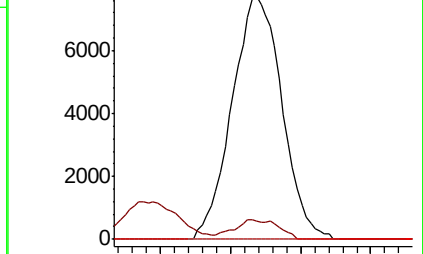
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062129.D (-1766) (-)

Ion 109.90 (109.60 to 110.60): VN062129.D (-1766) (-)

Ion 76.90 (76.60 to 77.60): VN062129.D (-1766) (-)



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.11 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

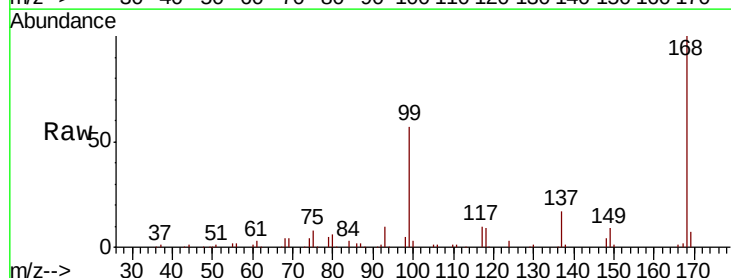
Tgt Ion: 117 Resp: 23929

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

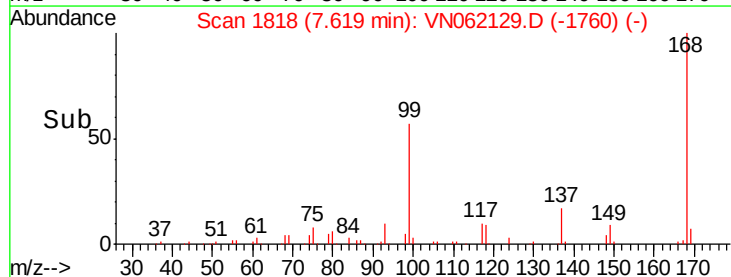
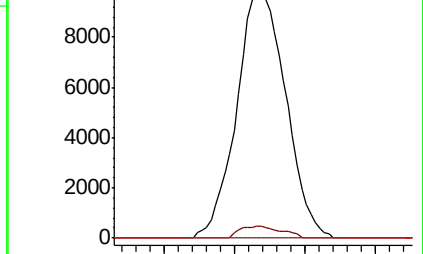
121 0.0 25.8 38.6#

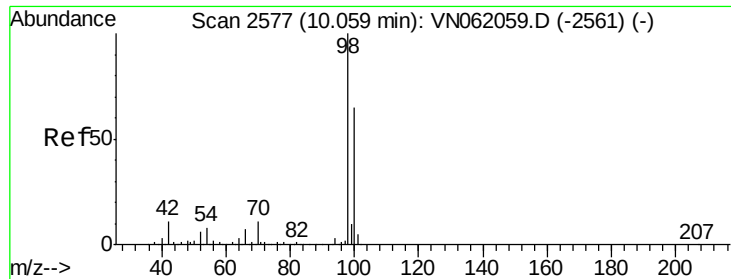


Abundance Ion 116.80 (116.50 to 117.50): VN062129.D (-1760) (-)

Ion 118.80 (118.50 to 119.50): VN062129.D (-1760) (-)

Ion 120.80 (120.50 to 121.50): VN062129.D (-1760) (-)

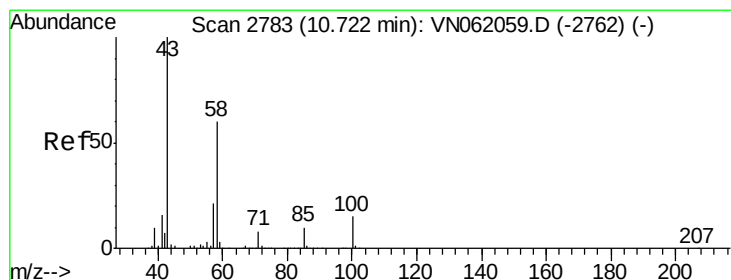
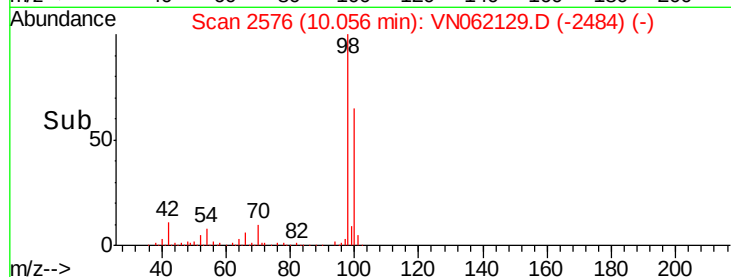
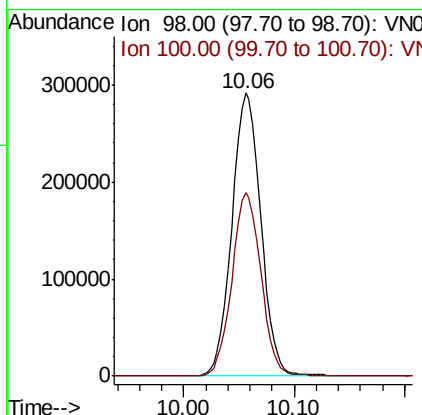
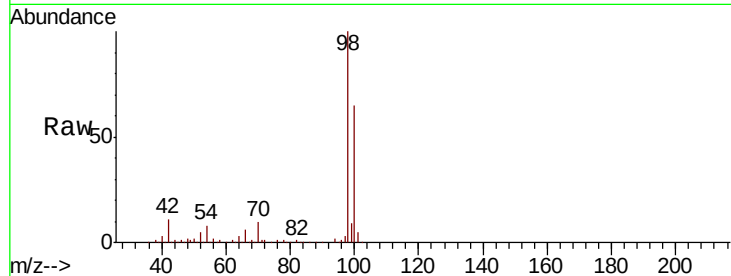




#50
Toluene-d8
Concen: 47.475 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

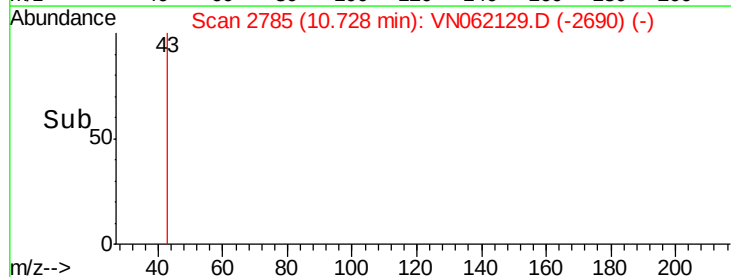
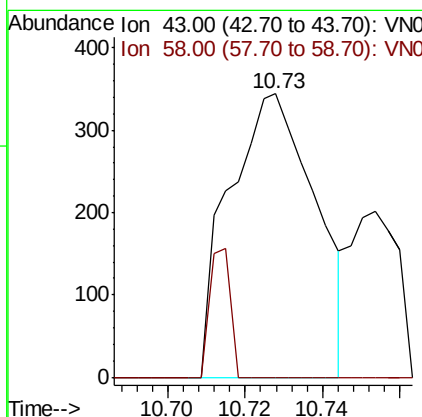
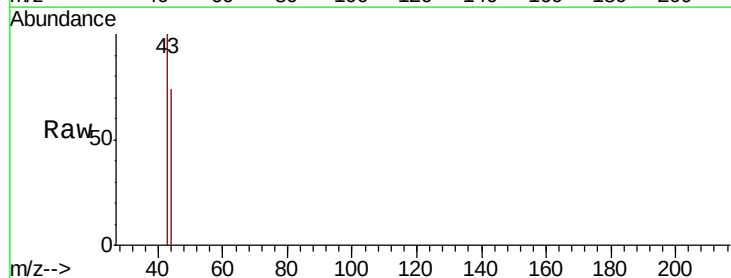
Instrument :
MSVOA_N
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VN0626MBL01

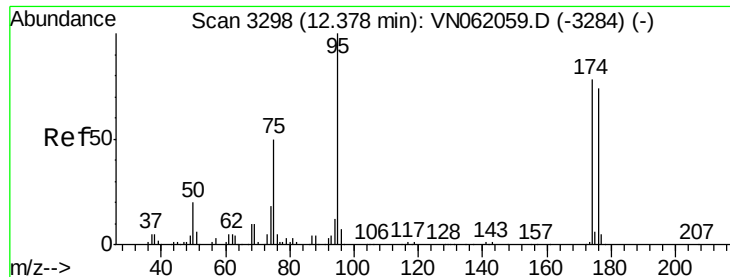
Tot Ion: 98 Resp: 532143
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



#59
2-Hexanone
Concen: 0.212 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 11.1 29.5 88.5#

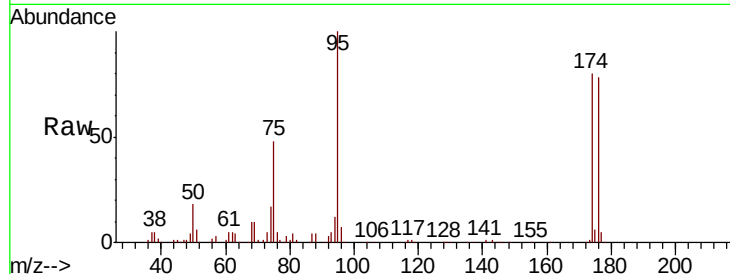




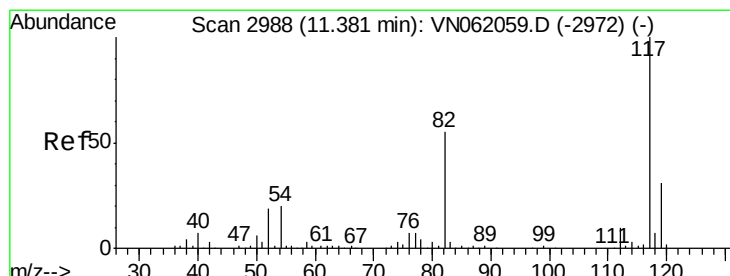
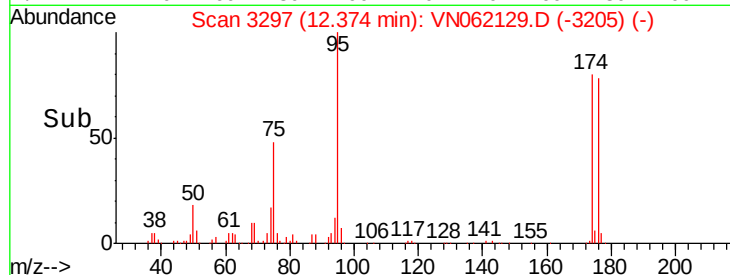
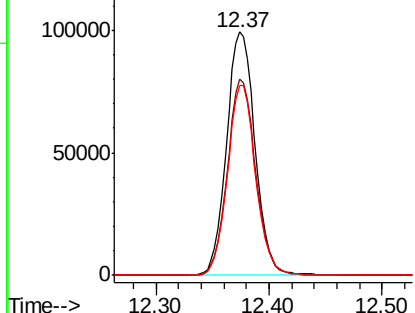
#62
4-Bromofluorobenzene
Concen: 45.978 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBL01

Tot Ion: 95 Resp: 174119
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.8
176 77.0 0.0 147.4

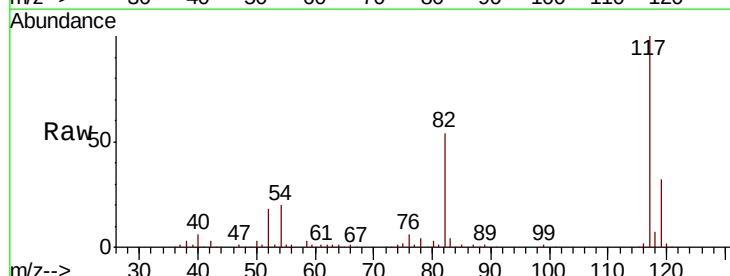


Abundance Ion 94.90 (94.60 to 95.60): VN062129.D (-3297) (-)
Ion 173.80 (173.50 to 174.50): VN062129.D (-3297) (-)
Ion 175.80 (175.50 to 176.50): VN062129.D (-3297) (-)

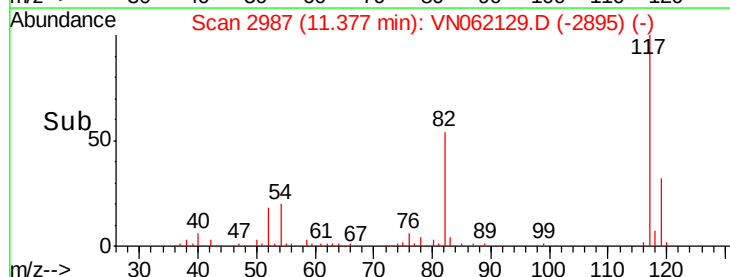
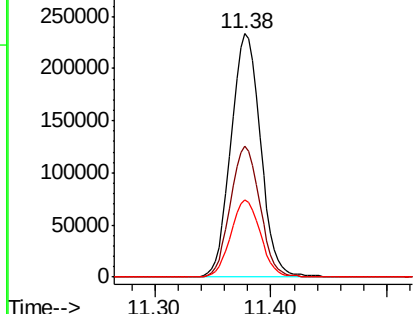


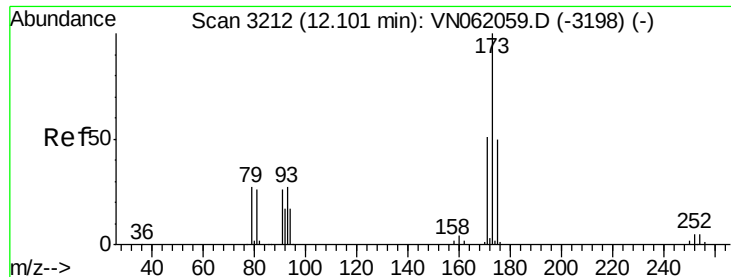
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062129.D
Acq: 26 Jun 2020 10:54

Tgt Ion: 117 Resp: 411470
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062129.D (-2987) (-)
Ion 82.00 (81.70 to 82.70): VN062129.D (-2987) (-)
Ion 118.90 (118.60 to 119.60): VN062129.D (-2987) (-)





#71

Bromoform

Concen: 0.698 ug/l

RT: 12.36 min Scan# 3294

Delta R.T. 0.26 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBL01

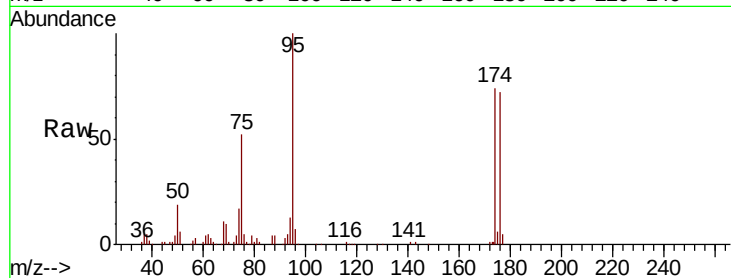
Tot Ion:173 Resp: 1551

Ion Ratio Lower Upper

173 100

175 566.2 24.7 74.1#

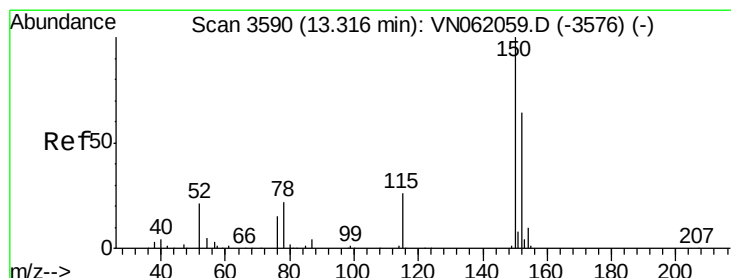
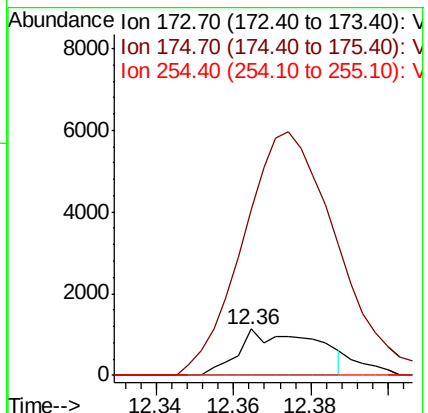
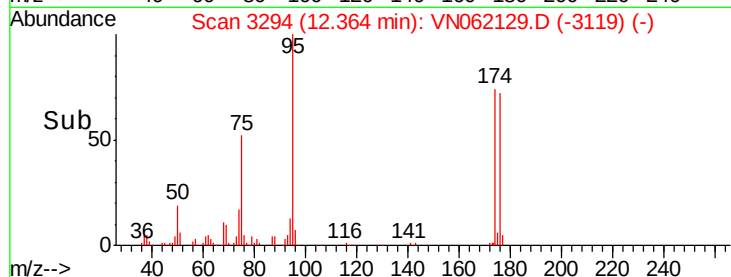
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

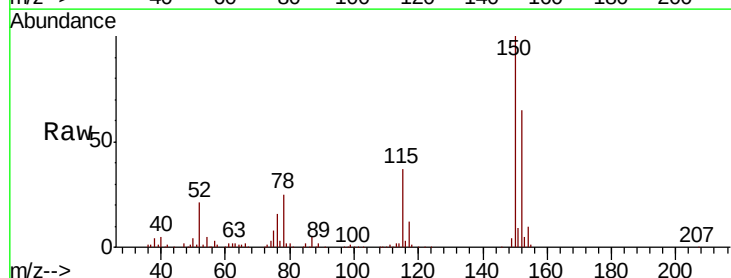
Tgt Ion:152 Resp: 158104

Ion Ratio Lower Upper

152 100

115 57.5 29.5 88.5

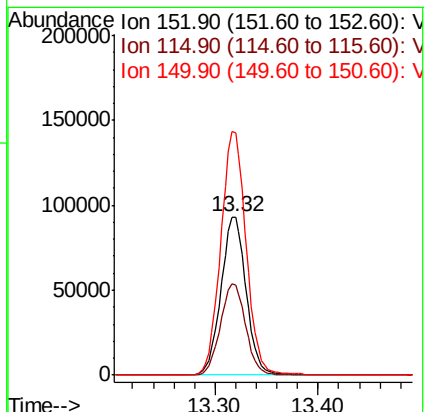
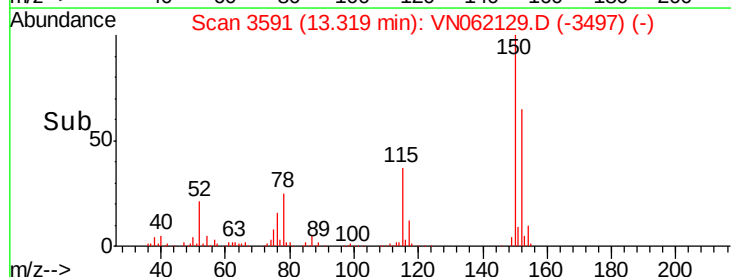
150 155.0 0.0 351.4

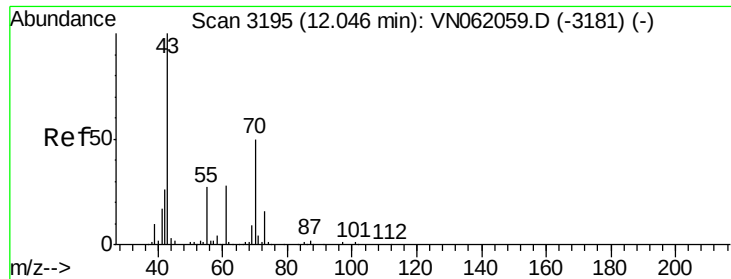


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.396 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.01 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

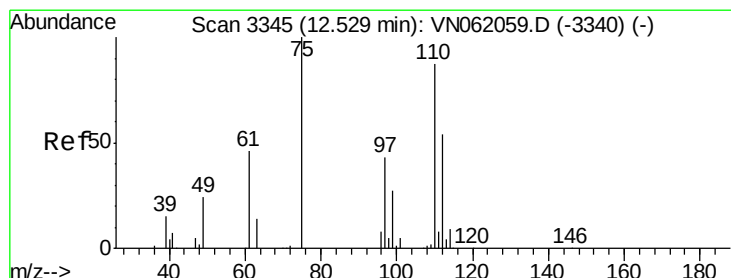
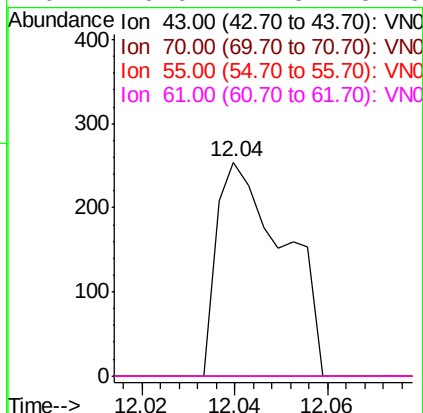
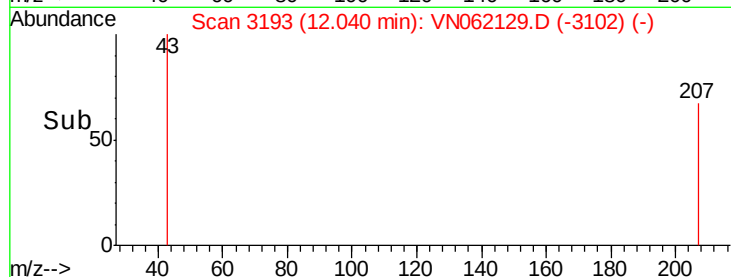
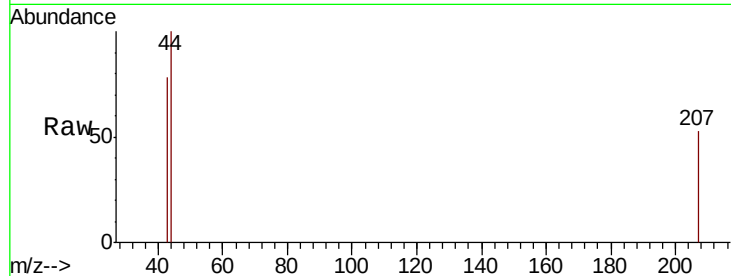
MSVOA_N

ClientSampleId :

VN0626MBL01

Tot Ion: 43 Resp: 257

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.4	59.2#
55	0.0	21.7	32.5#
61	0.0	21.3	31.9#



#76

1,2,3-Trichloropropane

Concen: 23.010 ug/l

RT: 12.37 min Scan# 3297

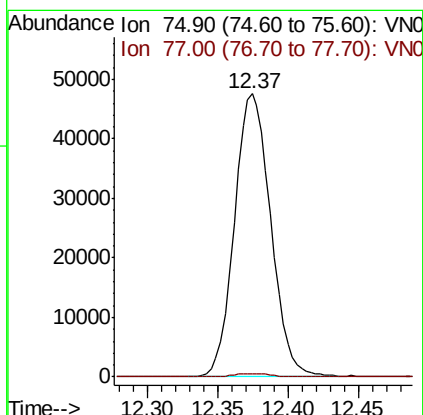
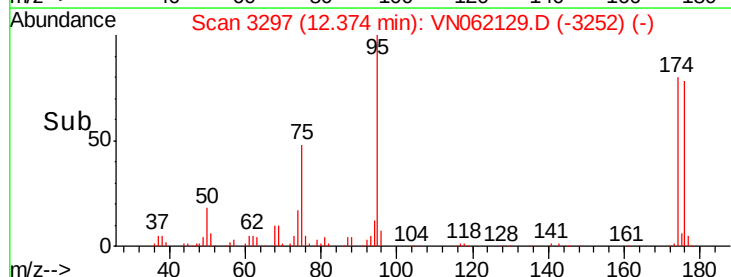
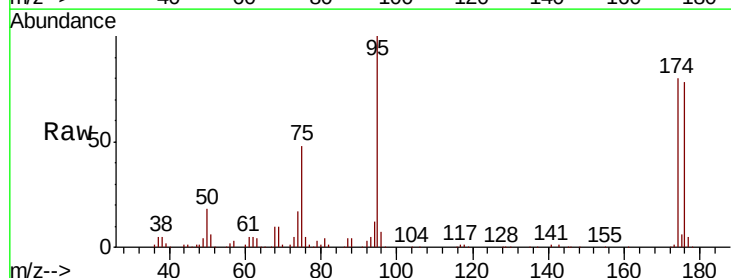
Delta R.T. -0.15 min

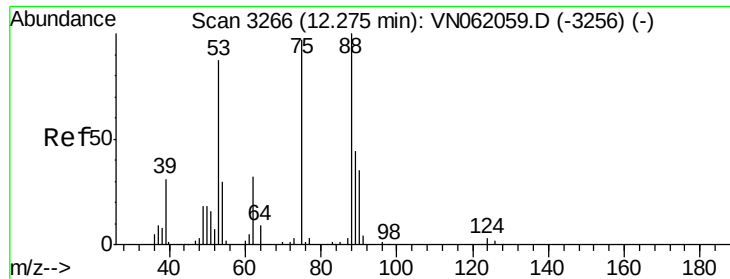
Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Tgt Ion: 75 Resp: 85640

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 67.197 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

VN0626MBL01

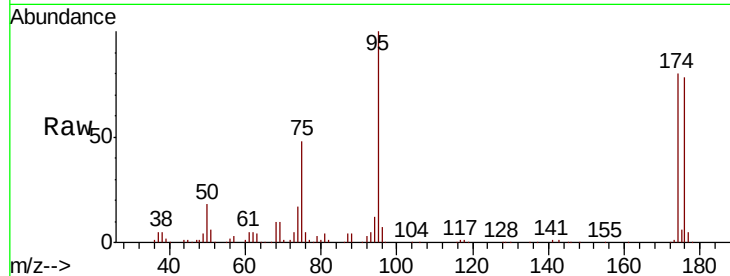
Tot Ion: 75 Resp: 85640

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

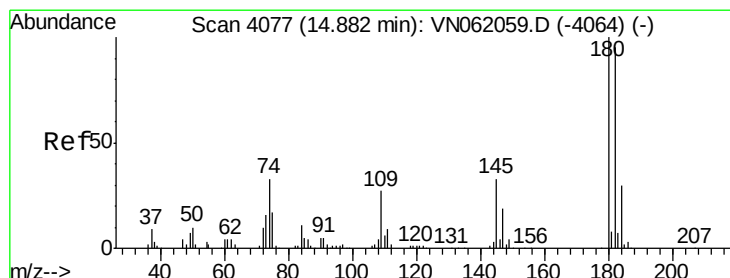
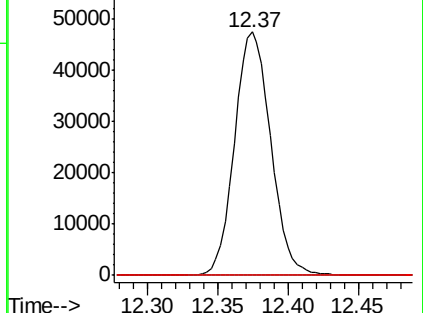
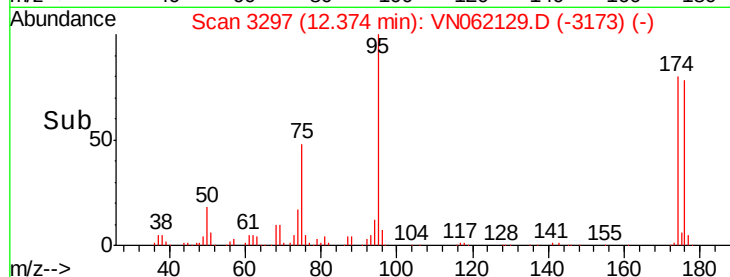
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062129.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062129.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062129.D (-3173) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.364 ug/l

RT: 14.89 min Scan# 4079

Delta R.T. 0.01 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

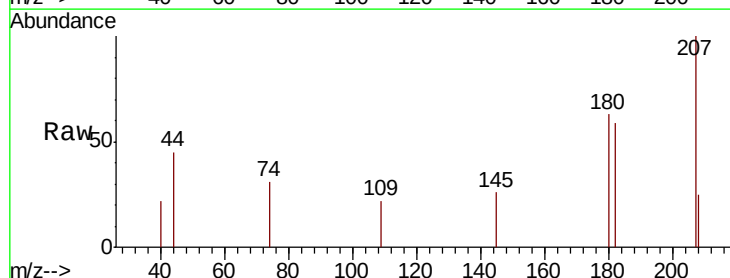
Tgt Ion: 180 Resp: 823

Ion Ratio Lower Upper

180 100

182 77.2 48.0 144.2

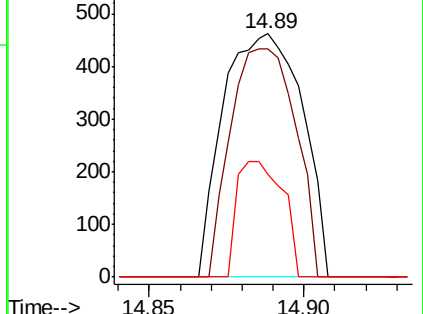
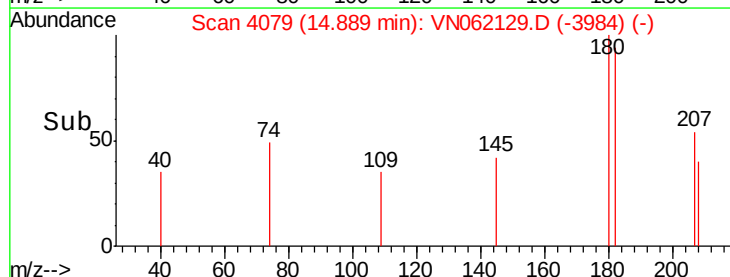
145 27.1 16.0 48.0

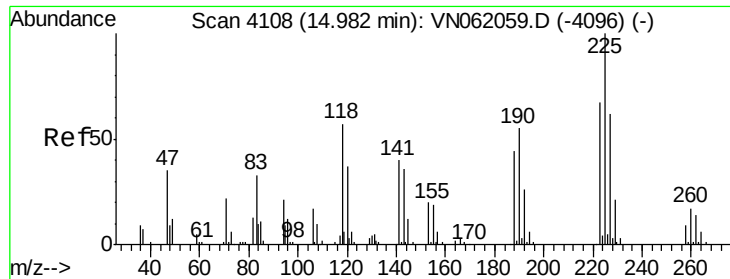


Abundance Ion 179.80 (179.50 to 180.50): VN062129.D (-3984) (-)

Ion 181.80 (181.50 to 182.50): VN062129.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062129.D (-3984) (-)





#94

Hexachlorobutadiene

Concen: 0.558 ug/l

RT: 14.98 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

Instrument :

MSVOA_N

ClientSampled :

VN0626MBL01

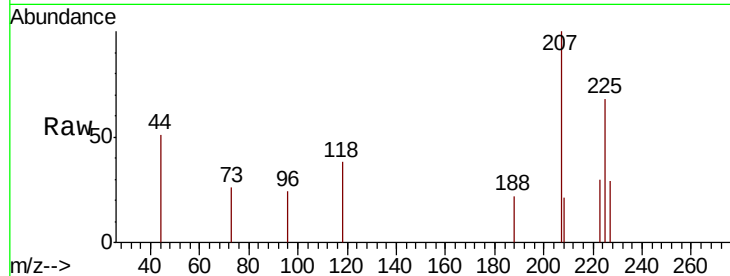
Tot Ion:225 Resp: 548

Ion Ratio Lower Upper

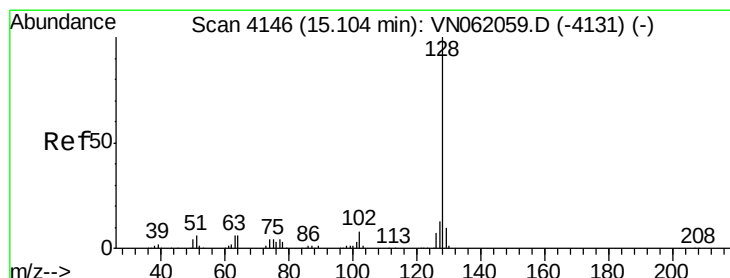
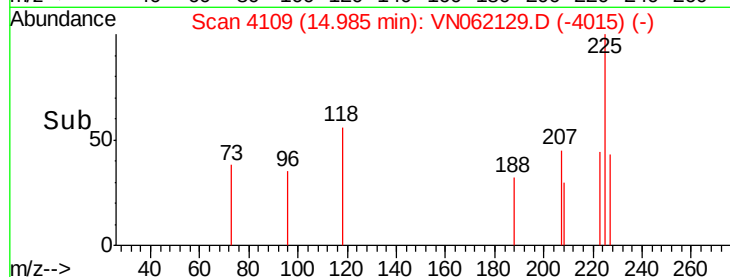
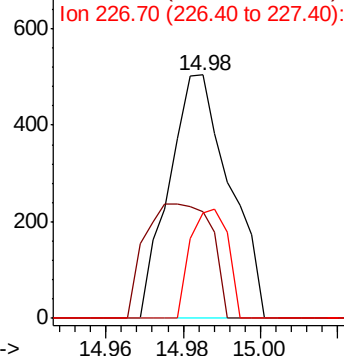
225 100

223 51.5 32.9 98.7

227 27.7 31.3 93.8#



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: 4.530 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062129.D

Acq: 26 Jun 2020 10:54

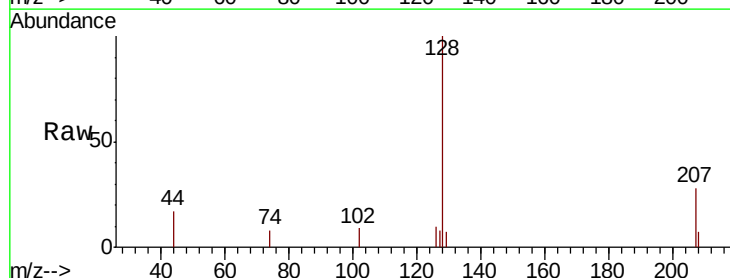
Tgt Ion:128 Resp: 4385

Ion Ratio Lower Upper

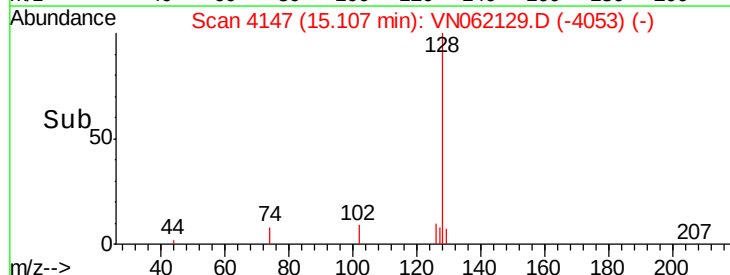
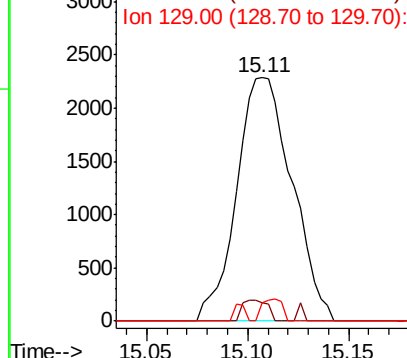
128 100

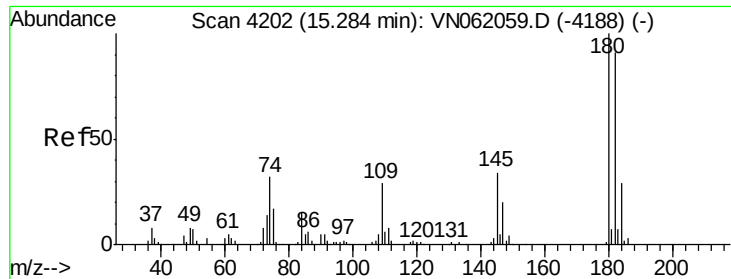
127 3.9 10.5 15.7#

129 3.3 8.6 13.0#



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: 0.425 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062129.D
 Acq: 26 Jun 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBL01

Tot Ion:180 Resp: 983
 Ion Ratio Lower Upper
 180 100
 182 108.6 46.8 140.4
 145 28.2 16.4 49.2

