

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061629.D
 Acq On : 3 Jun 2020 11:18
 Operator : JC/MD
 Sample : VN0603MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBL01

Quant Time: Jun 04 07:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	481495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193365	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	159397	47.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.32%	
35) Dibromofluoromethane	7.55	113	132015	54.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.10%	
50) Toluene-d8	10.06	98	575705	50.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.38	95	205460	49.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.50%	

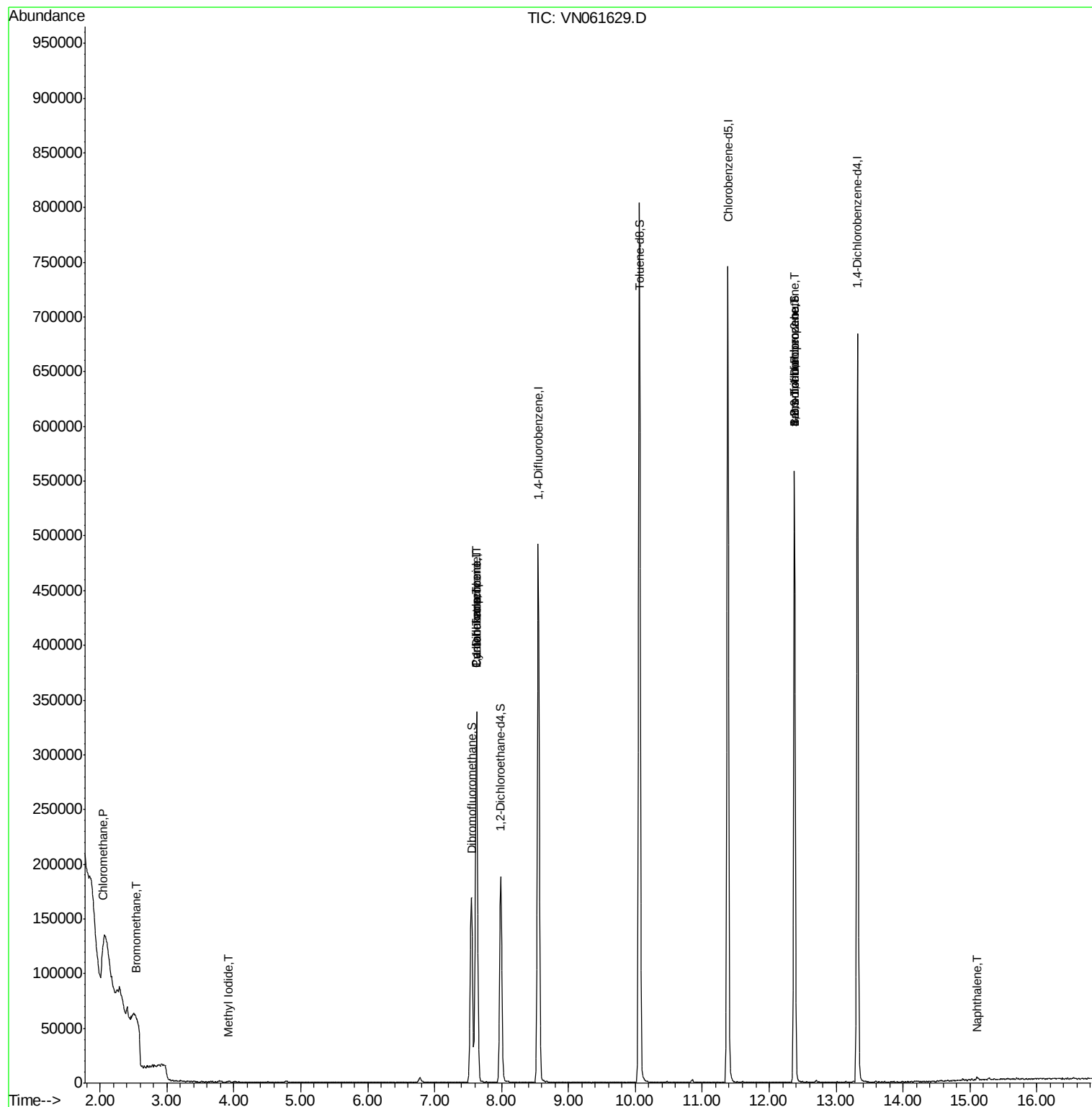
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1153	0.337	ug/l	96
5) Bromomethane	2.55	94	766	0.285	ug/l	82
10) Methyl Iodide	3.93	142	853	0.229	ug/l #	63
16) Acetone	3.78	43	605	Below Cal	#	41
20) Methylene Chloride	4.50	84	218	Below Cal	#	48
31) Cyclohexane	7.63	56	5205	1.104	ug/l #	3
36) 1,1-Dichloropropene	7.62	75	20142	4.725	ug/l #	48
38) Carbon Tetrachloride	7.63	117	28166	6.851	ug/l #	16
71) Bromoform	12.37	173	1428	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	98529	28.022	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	98529	71.660	ug/l #	15
95) Naphthalene	15.11	128	2710	0.250	ug/l #	88

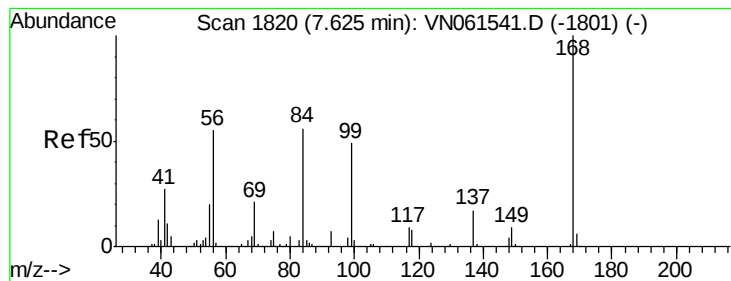
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN060320\
Data File : VN061629.D
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Quant Time: Jun 04 07:43:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

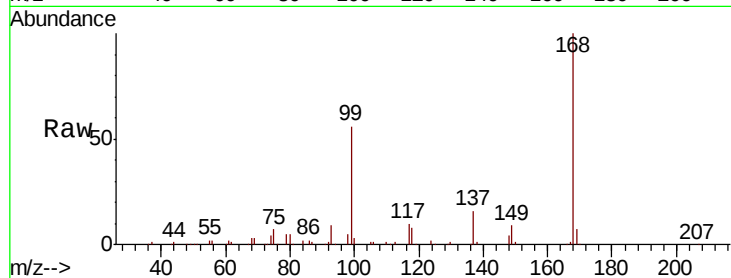
VN0603MBL01

Tot Ion:168 Resp: 280708

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

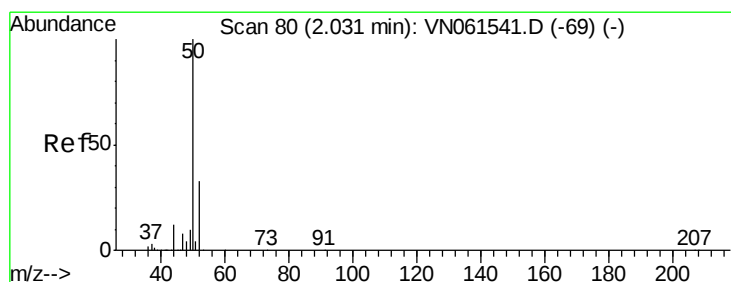
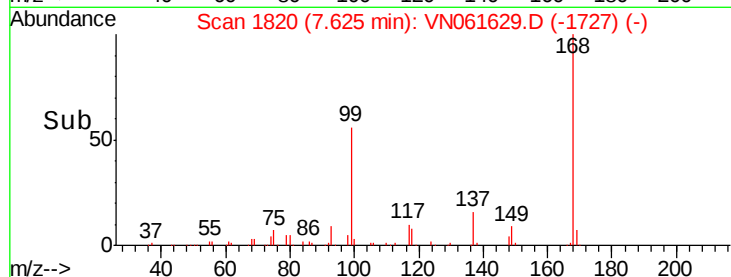
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#3

Chloromethane

Concen: 0.337 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061629.D

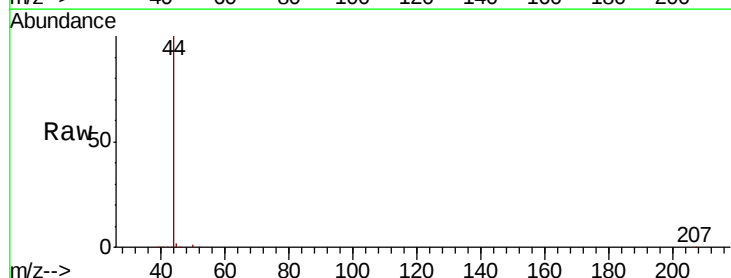
Acq: 3 Jun 2020 11:18

Tgt Ion: 50 Resp: 1153

Ion Ratio Lower Upper

50 100

52 36.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

800

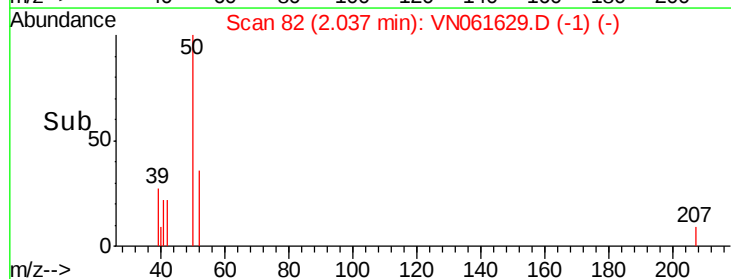
600

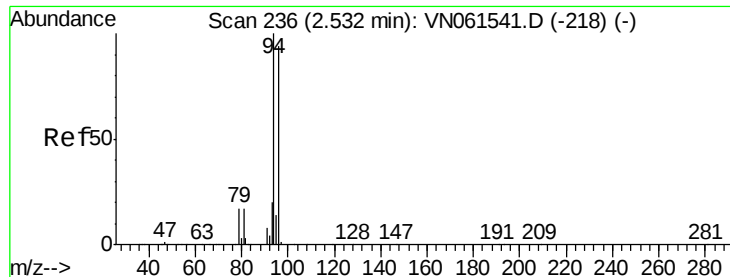
400

200

0

Time--> 2.00 2.02 2.04 2.06





#5

Bromomethane

Concen: 0.285 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

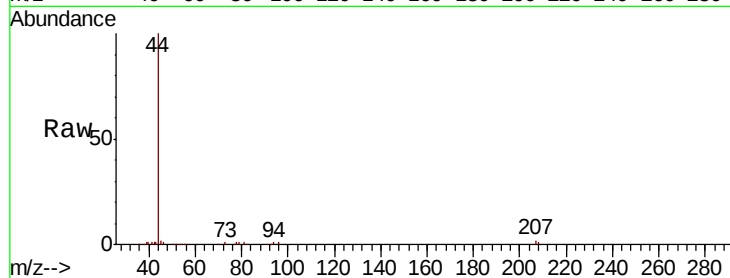
VN0603MBL01

Tot Ion: 94 Resp: 766

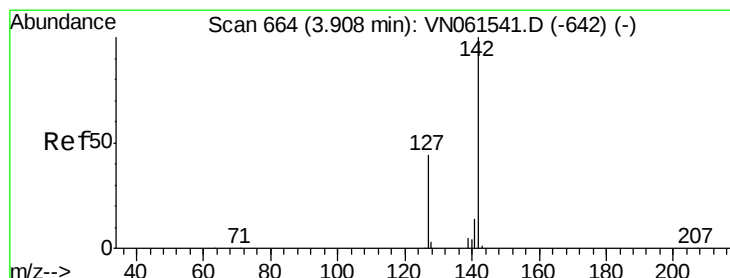
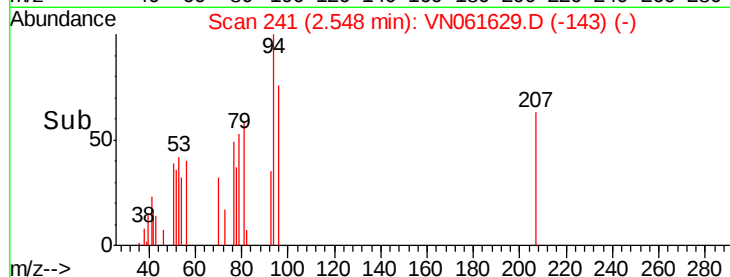
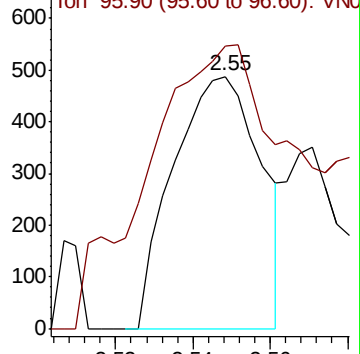
Ion Ratio Lower Upper

94 100

96 75.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)



#10

Methyl Iodide

Concen: 0.229 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.02 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

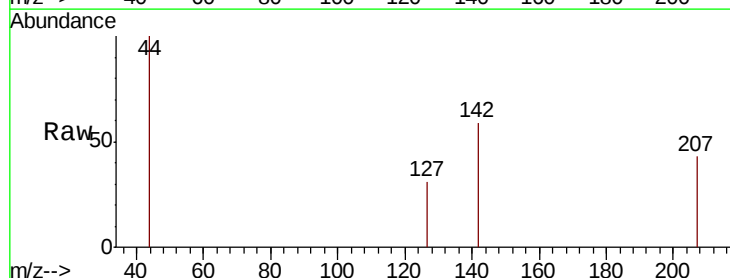
Tgt Ion: 142 Resp: 853

Ion Ratio Lower Upper

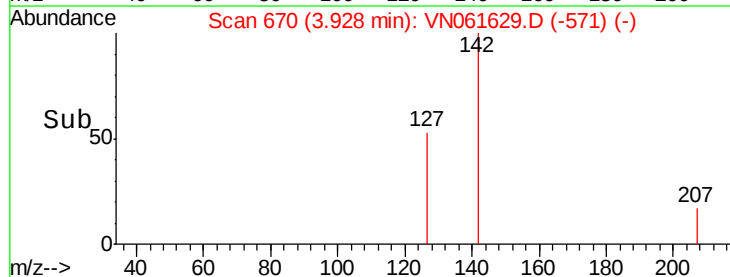
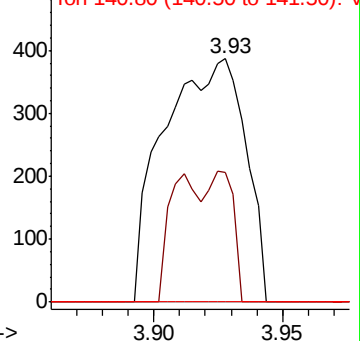
142 100

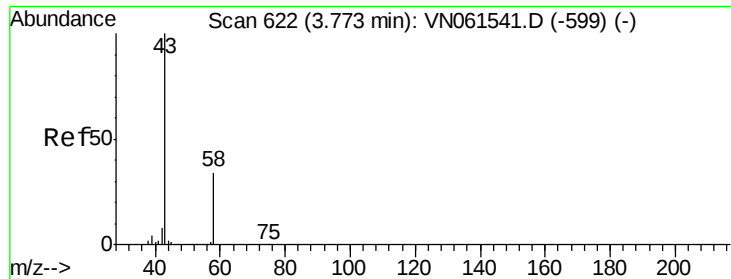
127 19.9 35.5 53.3#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VN061541.D (-642) (-)





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

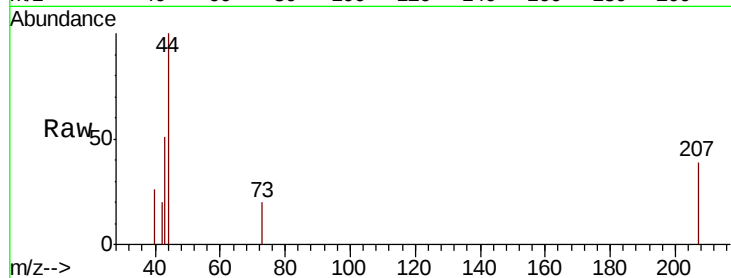
VN0603MBL01

Tot Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

58 0.0 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-599) (-)

3.78

400

300

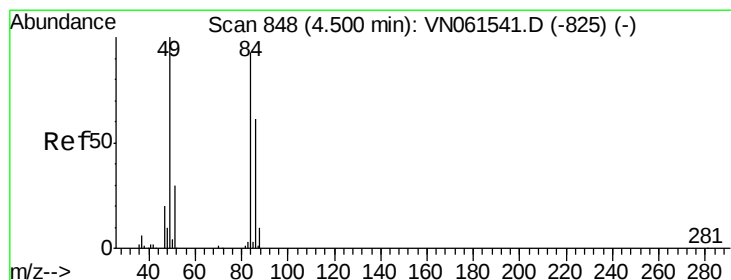
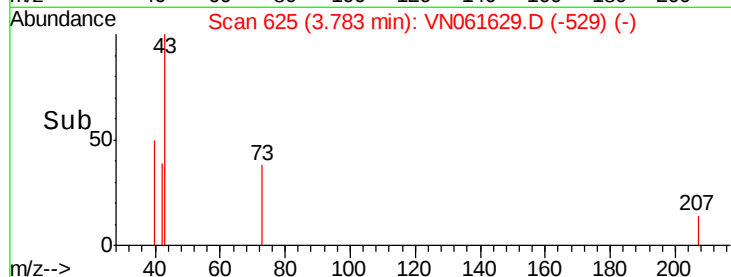
200

100

0

3.74 3.76 3.78 3.80

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Tgt Ion: 84 Resp: 218

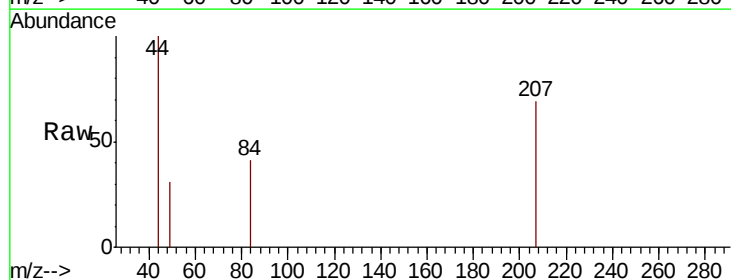
Ion Ratio Lower Upper

84 100

49 74.8 85.8 128.8#

51 0.0 26.2 39.2#

86 0.0 52.6 78.8#



Abundance Ion 83.90 (83.60 to 84.60): VN061541.D (-825) (-)

Ion 48.90 (48.60 to 49.60): VN061541.D (-825) (-)

Ion 50.90 (50.60 to 51.60): VN061541.D (-825) (-)

Ion 85.90 (85.60 to 86.60): VN061541.D (-825) (-)

4.50

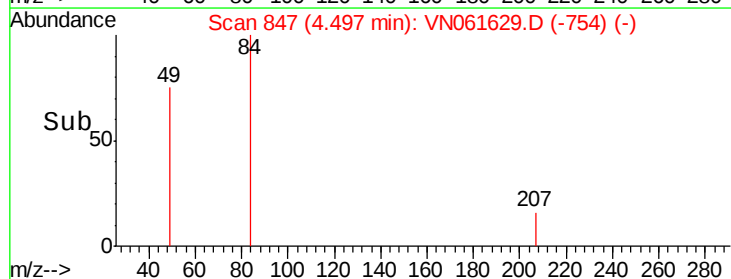
200

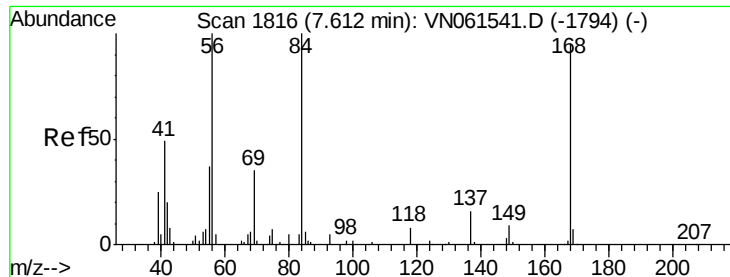
100

0

4.47 4.48 4.49 4.50 4.51

Time-->

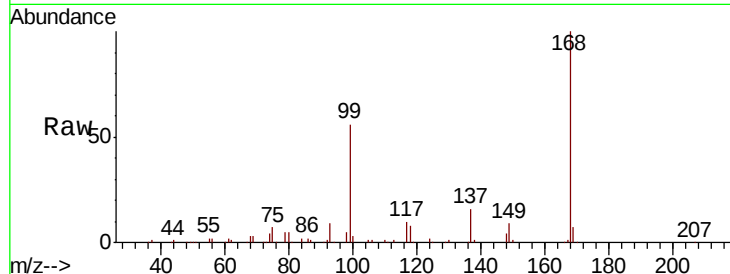




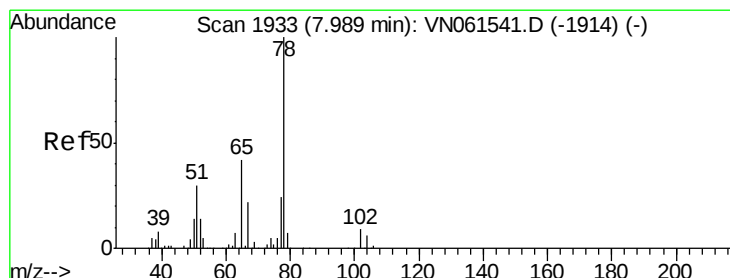
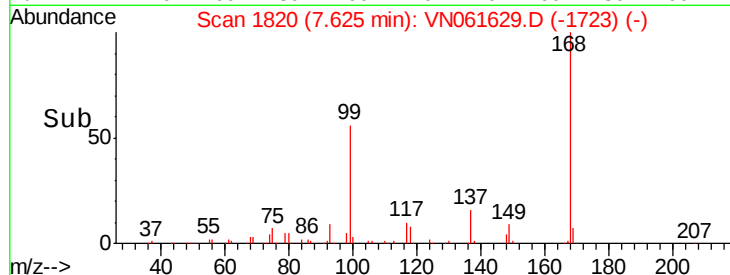
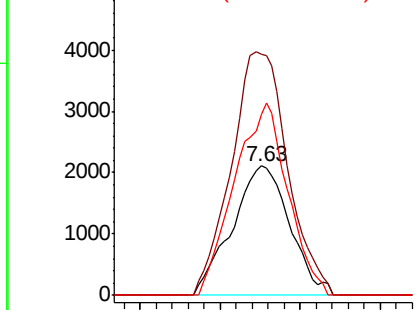
#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampled :
VN0603MBL01

Tot Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
69 185.6 27.8 41.8#
84 139.9 79.9 119.9#

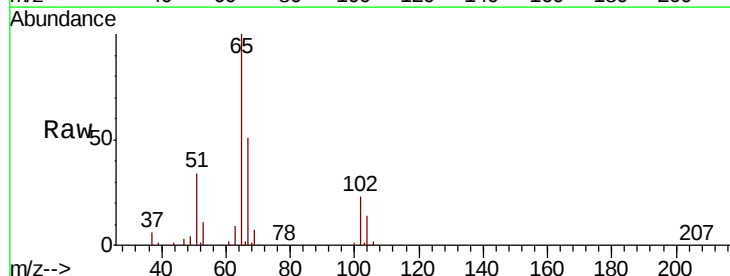


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

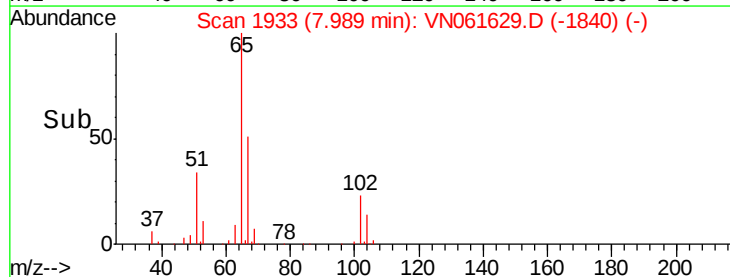
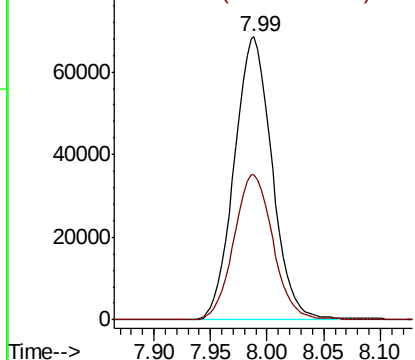


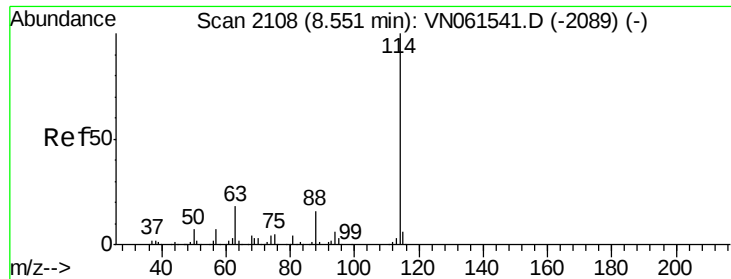
#33
1,2-Dichloroethane-d4
Concen: 47.660 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

Tgt Ion: 65 Resp: 159397
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

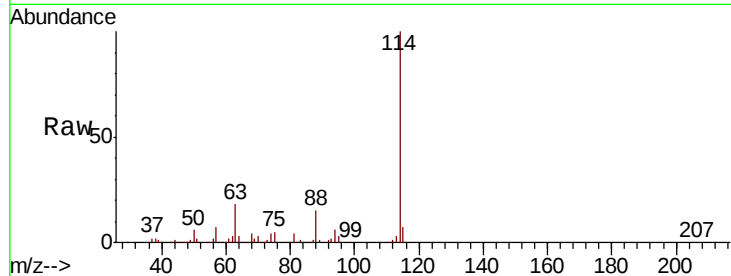




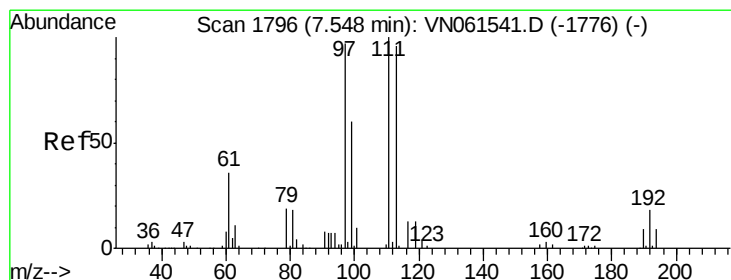
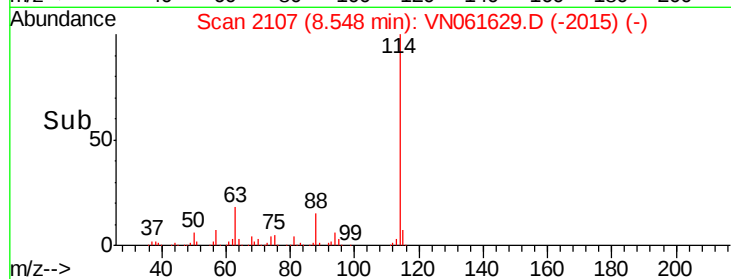
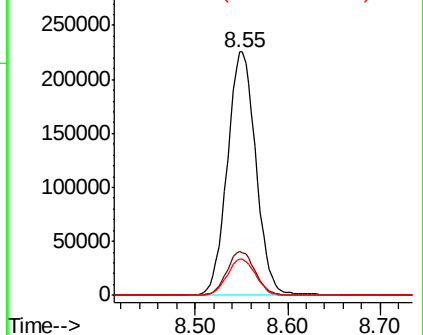
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061629.D
 Acq: 3 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.8
88	15.1	0.0	31.0

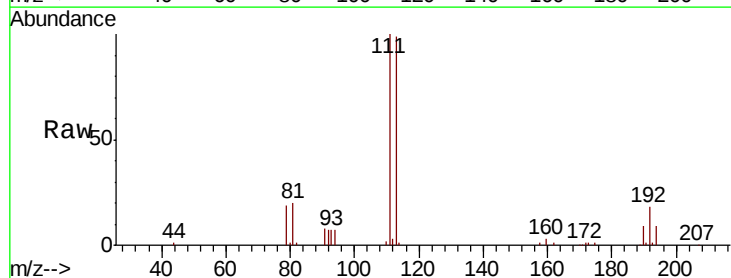


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

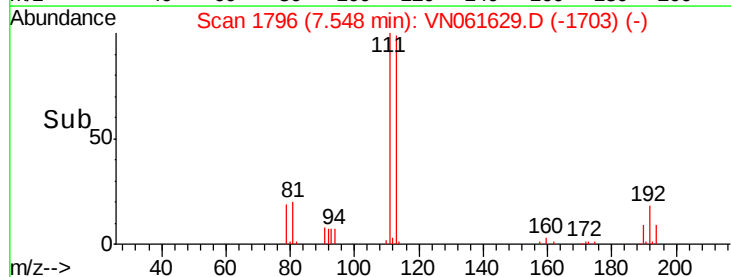
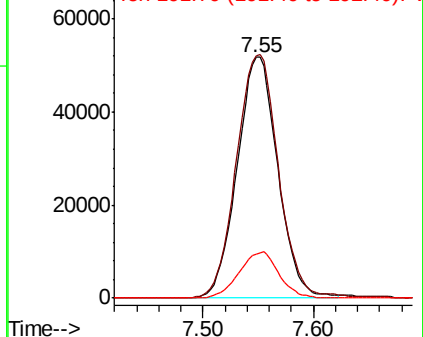


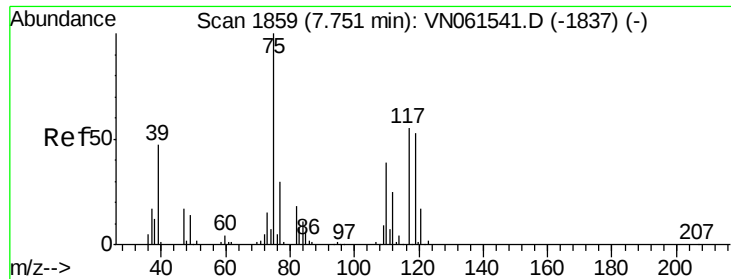
#35
 Dibromofluoromethane
 Concen: 54.048 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061629.D
 Acq: 3 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	18.9	15.4	23.2



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

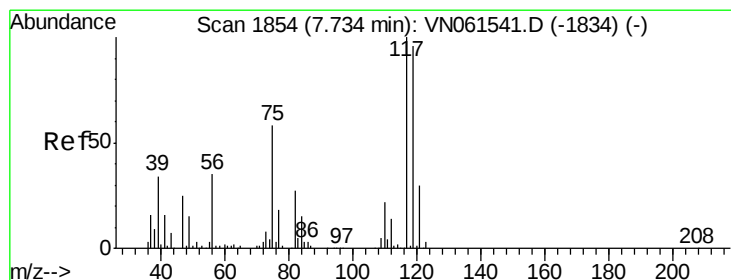
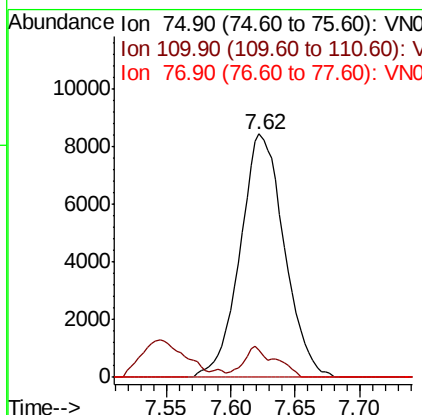
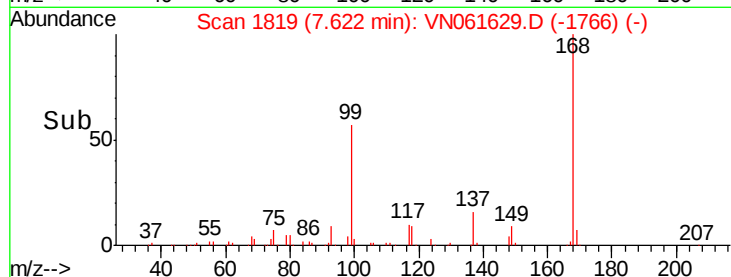
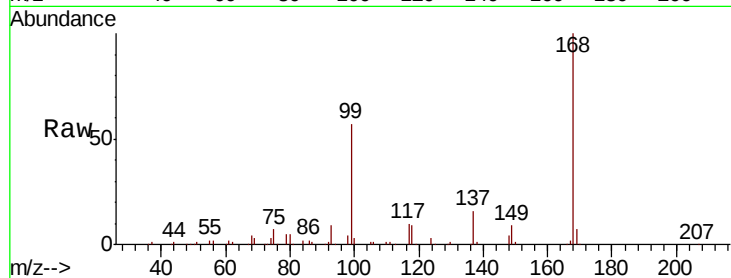




#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061629.D
 Acq: 3 Jun 2020 11:18

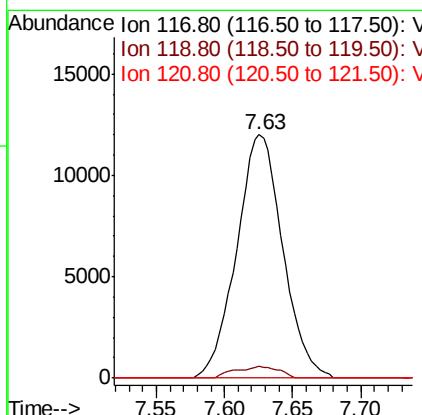
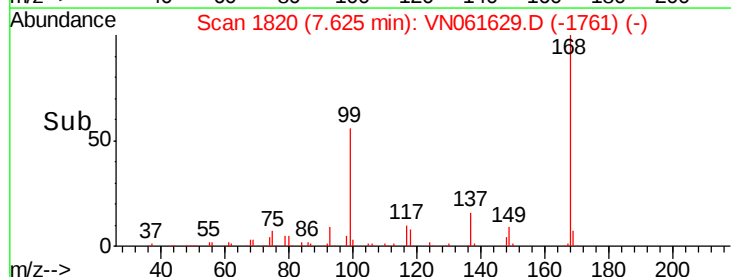
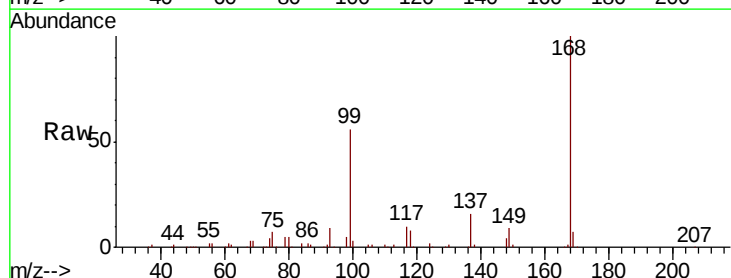
Instrument :
 MSVOA_N
 ClientSampled :
 VN0603MBL01

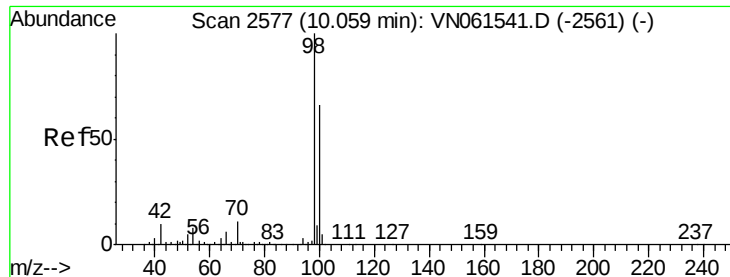
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.851 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061629.D
 Acq: 3 Jun 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.5	114.7#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 50.862 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

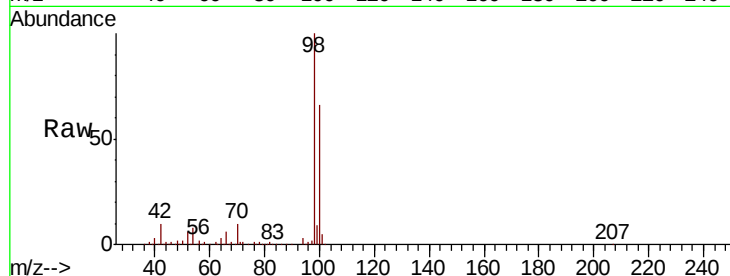
VN0603MBL01

Tot Ion: 98 Resp: 575705

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

10.06

300000

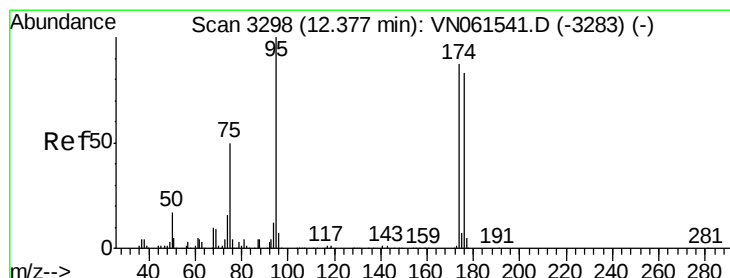
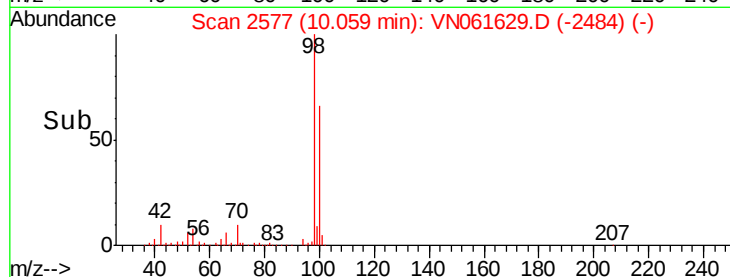
200000

100000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 49.753 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

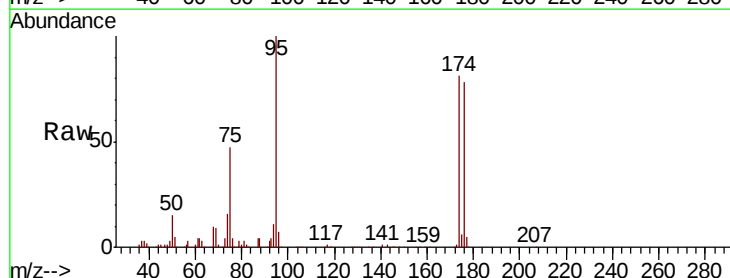
Tgt Ion: 95 Resp: 205460

Ion Ratio Lower Upper

95 100

174 80.5 0.0 172.8

176 78.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

12.38

150000

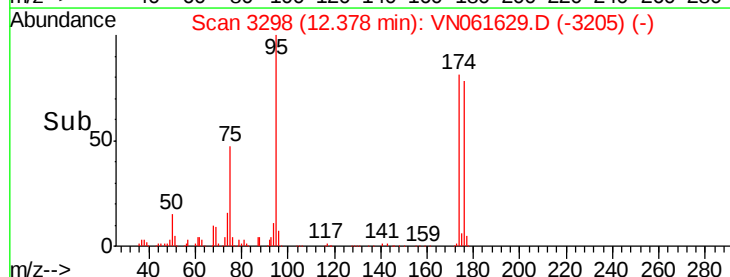
100000

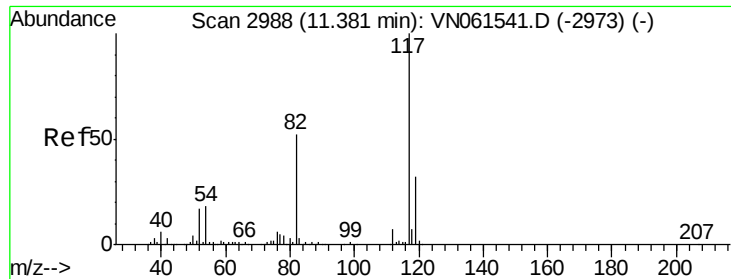
50000

0

12.30 12.40

Time-->

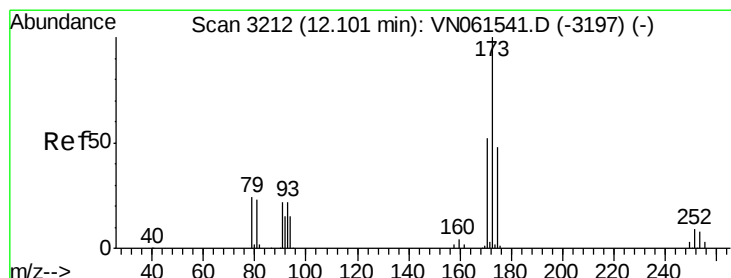
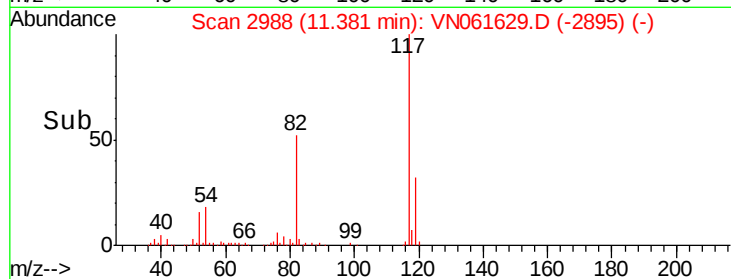
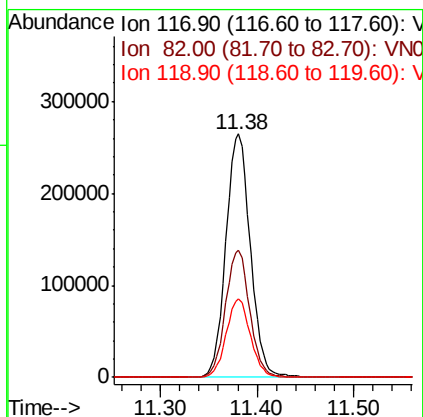
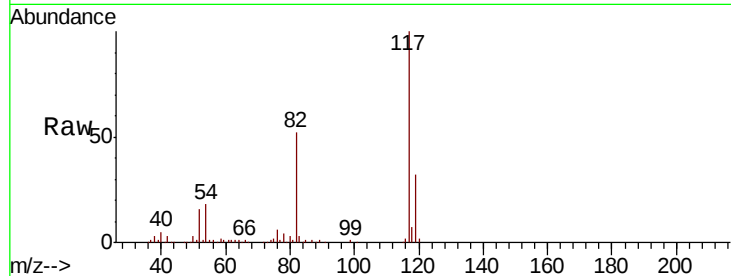




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

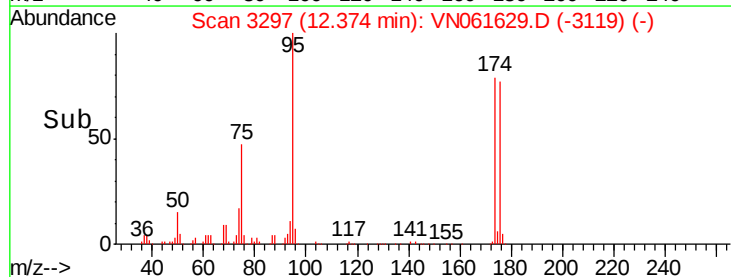
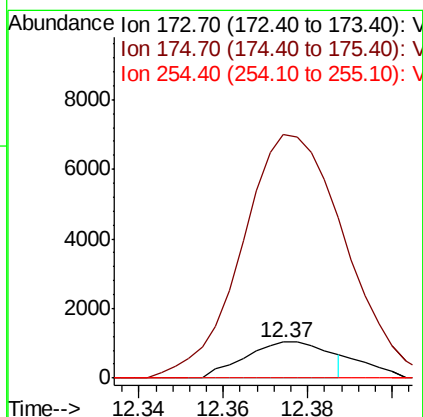
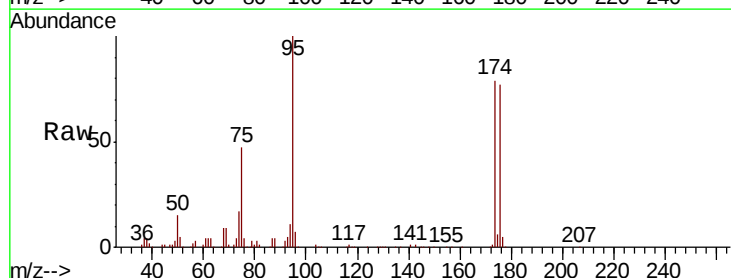
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBL01

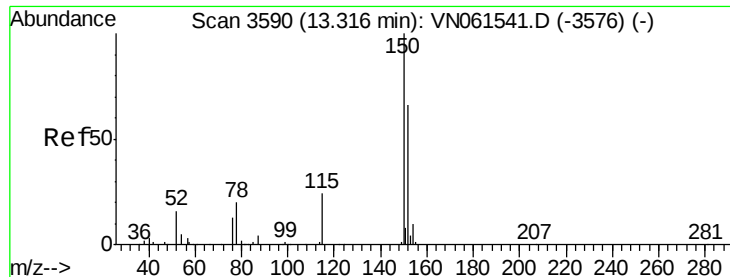
Tot Ion:117 Resp: 465730
Ion Ratio Lower Upper
117 100
82 52.3 41.5 62.3
119 32.2 25.6 38.4



#71
Bromoform
Concen: 0.514 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

Tgt Ion:173 Resp: 1428
Ion Ratio Lower Upper
173 100
175 709.5 24.4 73.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061629.D

Acq: 3 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBL01

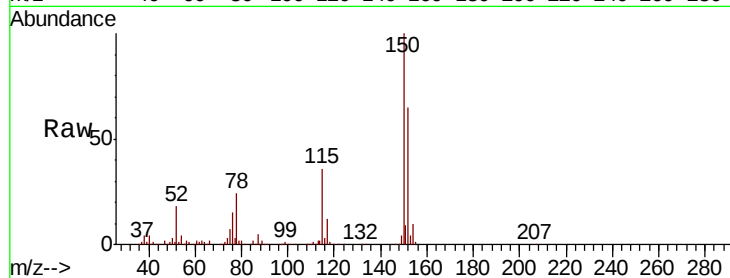
Tot Ion:152 Resp: 193365

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

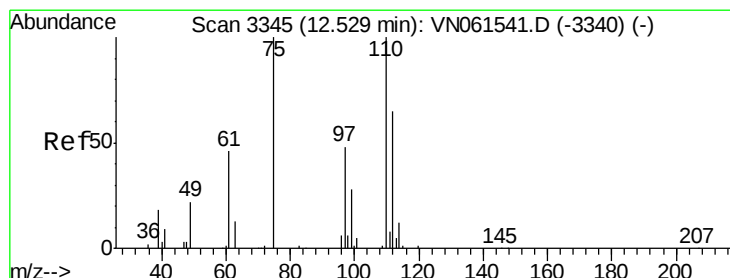
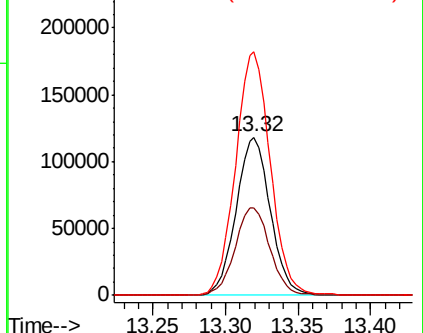
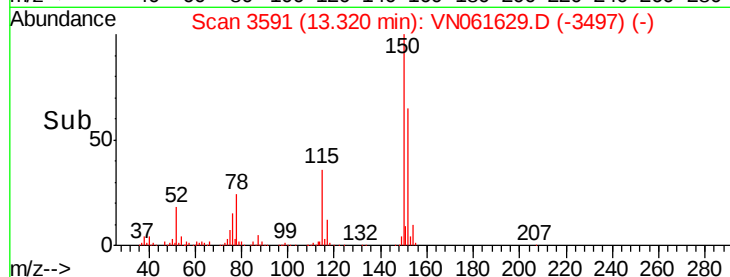
150 157.6 0.0 344.0



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: 28.022 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061629.D

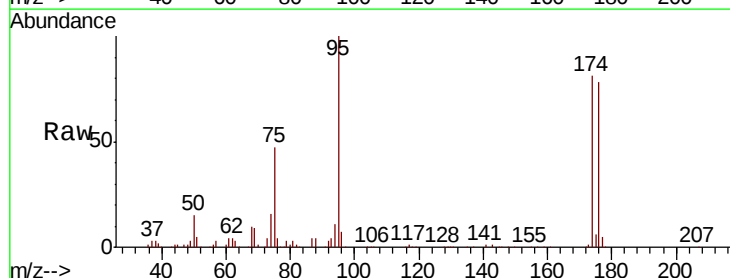
Acq: 3 Jun 2020 11:18

Tgt Ion: 75 Resp: 98529

Ion Ratio Lower Upper

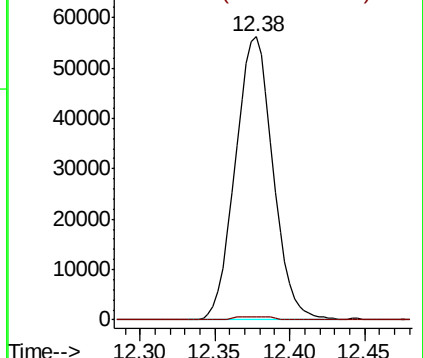
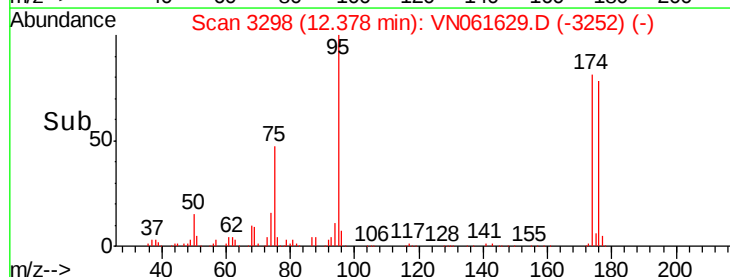
75 100

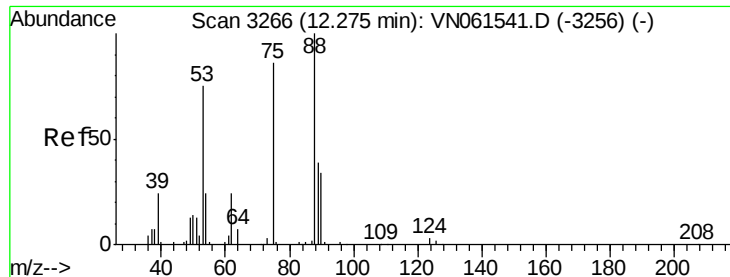
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

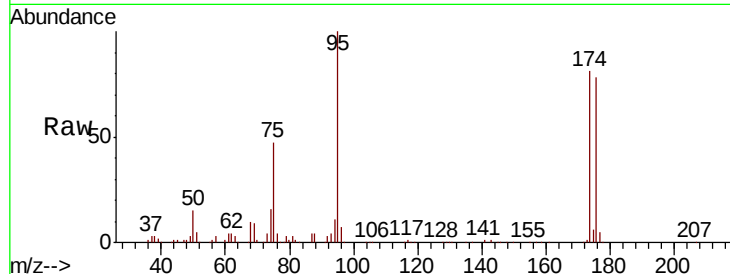




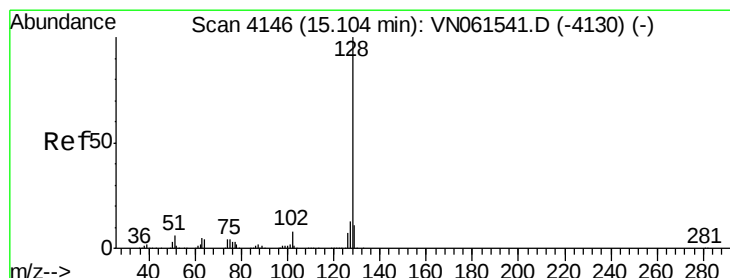
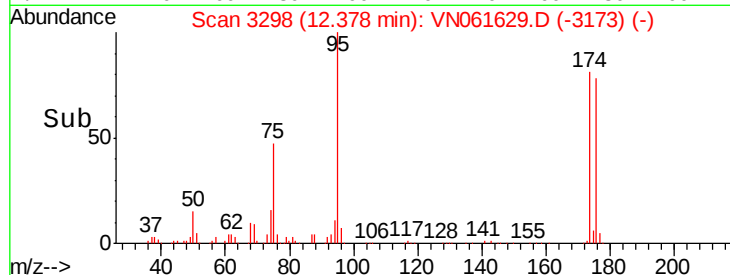
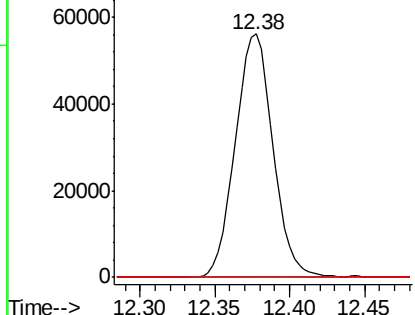
#81
trans-1,4-Dichloro-2-butene
Concen: 71.660 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBL01

Tot Ion: 75 Resp: 98529
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.8#
89 0.0 37.1 55.7#

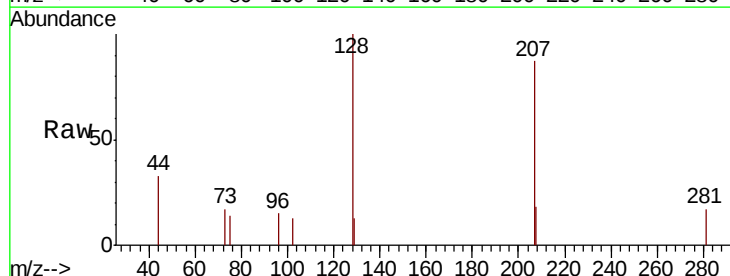


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#95
Naphthalene
Concen: 0.250 ug/l
RT: 15.11 min Scan# 4149
Delta R.T. 0.01 min
Lab File: VN061629.D
Acq: 3 Jun 2020 11:18

Tgt Ion: 128 Resp: 2710
Ion Ratio Lower Upper
128 100
127 8.2 10.0 15.0#
129 5.7 8.5 12.7#



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

