

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062231.D
 Acq On : 30 Jun 2020 11:28
 Operator : JC/MD
 Sample : VN0630MBL01
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBL01

Quant Time: Jul 01 03:32:11 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	204724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	395991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129619	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	156362	54.43	ug/l	0.00
Spiked Amount			Recovery	=	108.86%	
35) Dibromofluoromethane	7.54	113	128675	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	10.06	98	509102	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.37	95	156047	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	

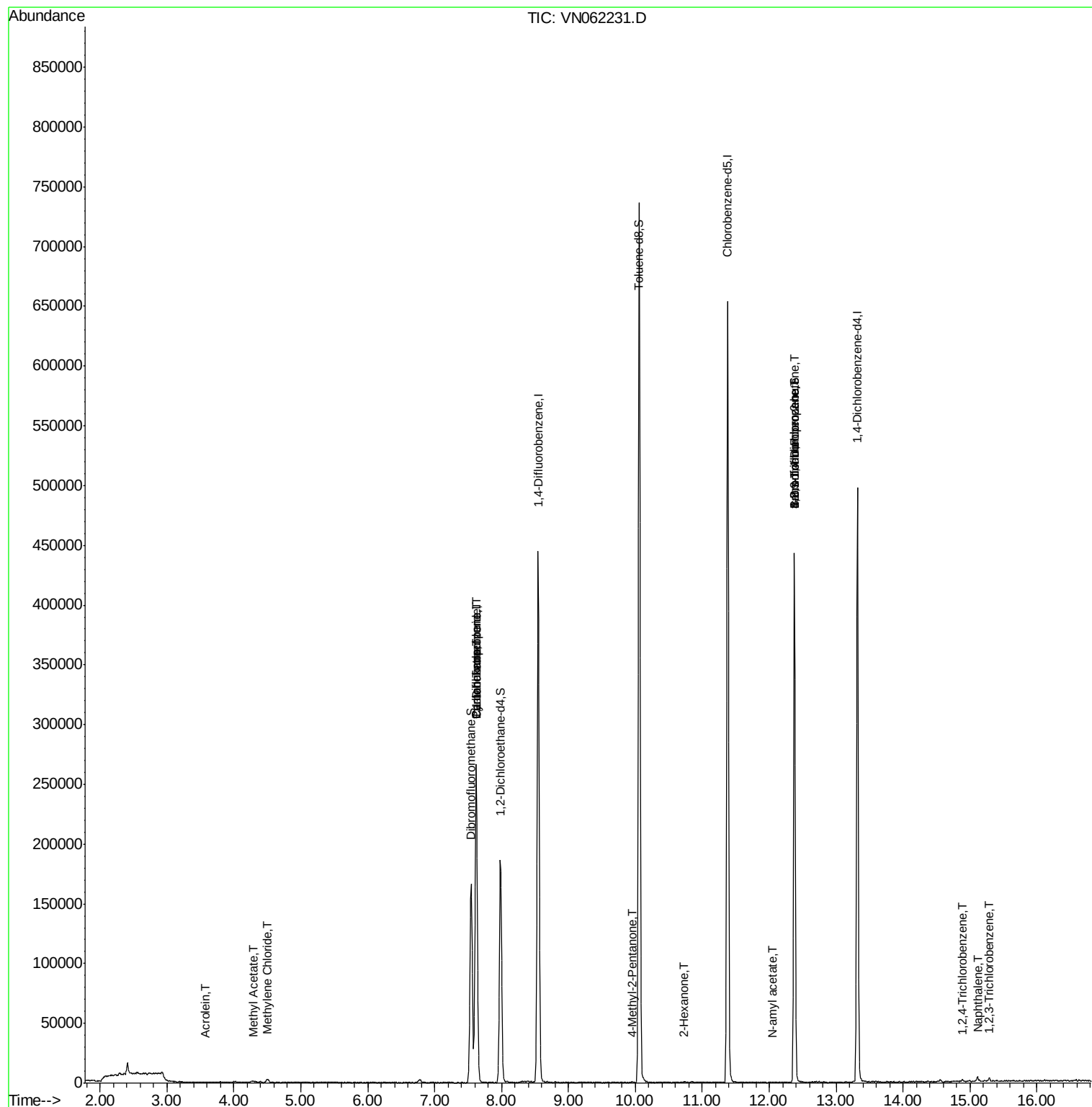
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	265	Below Cal	#	41
13) Acrolein	3.57	56	98	0.243	ug/l #	15
16) Acetone	3.78	43	446	Below Cal	#	40
18) Methyl Acetate	4.28	43	1919	0.840	ug/l #	52
20) Methylene Chloride	4.50	84	2295	0.656	ug/l #	93
31) Cyclohexane	7.62	56	5294	1.334	ug/l #	7
36) 1,1-Dichloropropene	7.62	75	18646	4.685	ug/l #	46
38) Carbon Tetrachloride	7.62	117	21773	5.802	ug/l #	15
51) 4-Methyl-2-Pentanone	9.95	43	848	0.270	ug/l #	33
59) 2-Hexanone	10.73	43	574	0.253	ug/l #	36
71) Bromoform	12.38	173	1432	0.698	ug/l #	1
74) N-amyl acetate	12.05	43	360	3.434	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	81482	26.704	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	81482	77.985	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.89	180	871	0.470	ug/l #	85
95) Naphthalene	15.11	128	4193	4.619	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.28	180	1052	0.555	ug/l	90

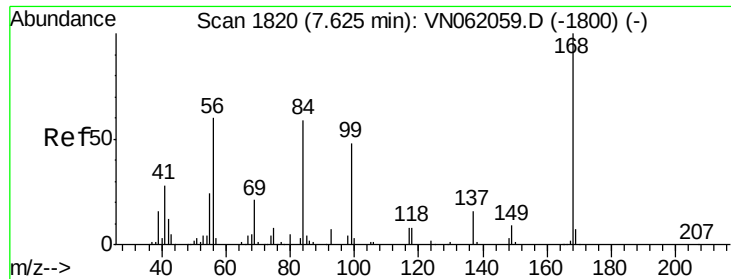
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 01 03:32:11 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: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

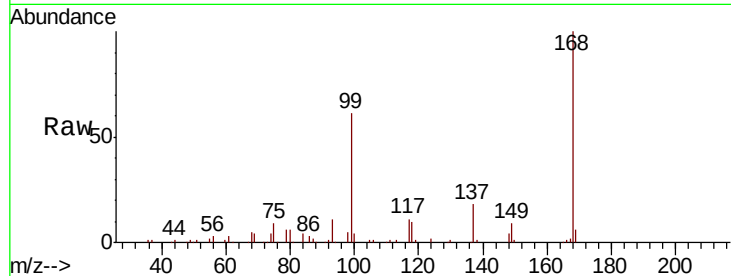
VN0630MBL01

Tot Ion:168 Resp: 204724

Ion Ratio Lower Upper

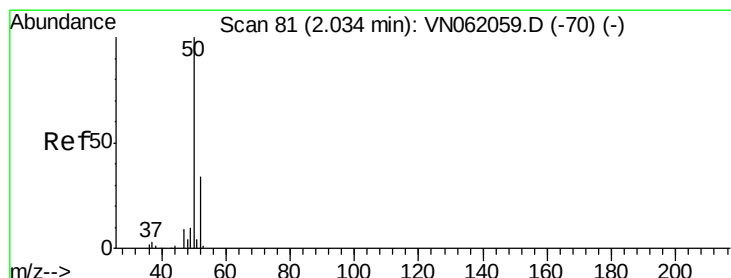
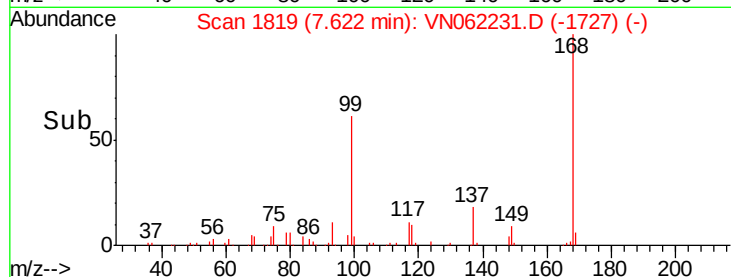
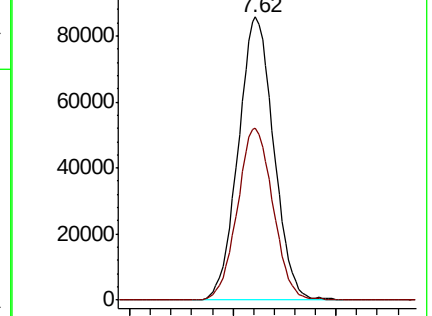
168 100

99 60.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062231.D

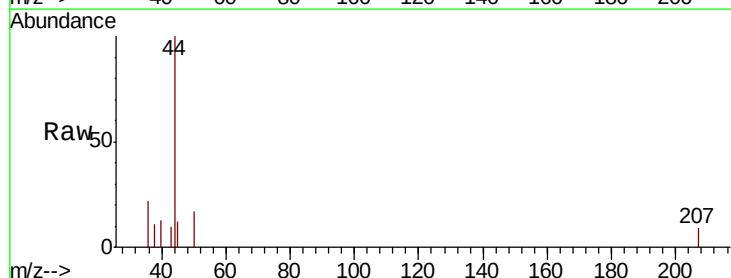
Acq: 30 Jun 2020 11:28

Tgt Ion: 50 Resp: 265

Ion Ratio Lower Upper

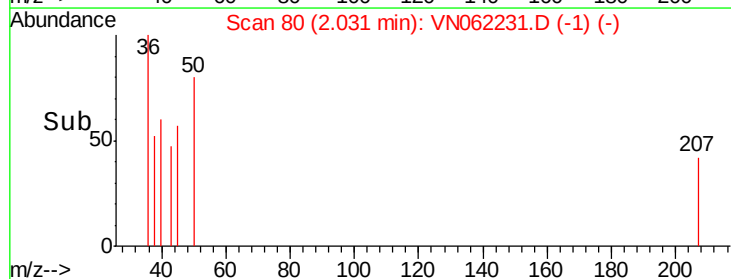
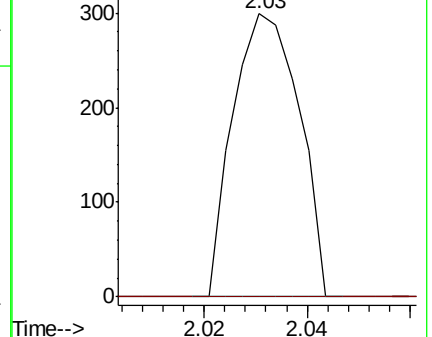
50 100

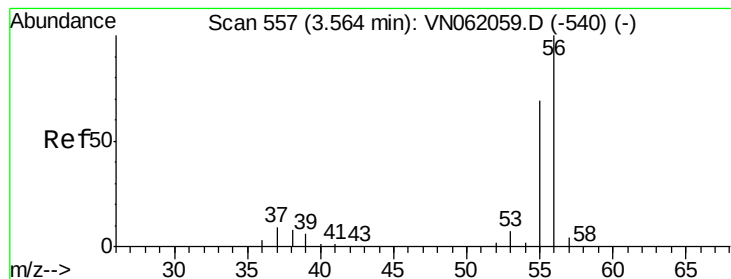
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#13

Acrolein

Concen: 0.243 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

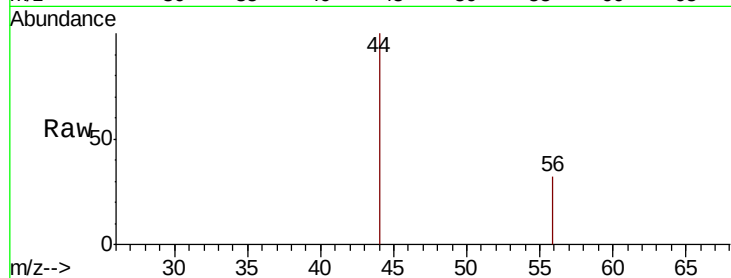
VN0630MBL01

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 0.0 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

200

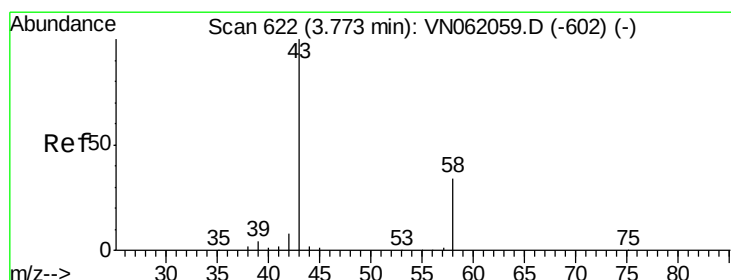
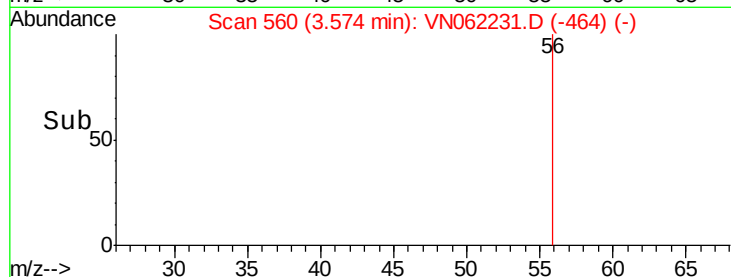
150

100

50

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062231.D

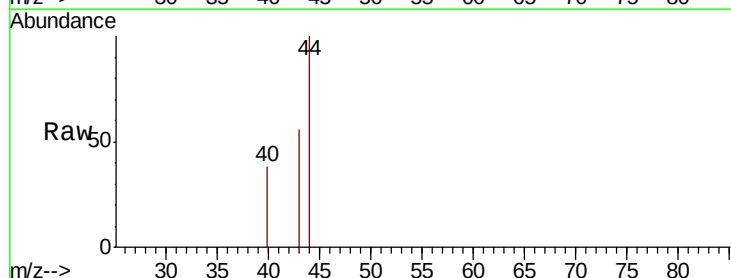
Acq: 30 Jun 2020 11:28

Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

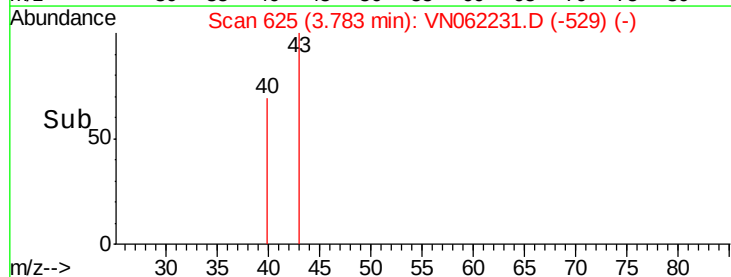
300

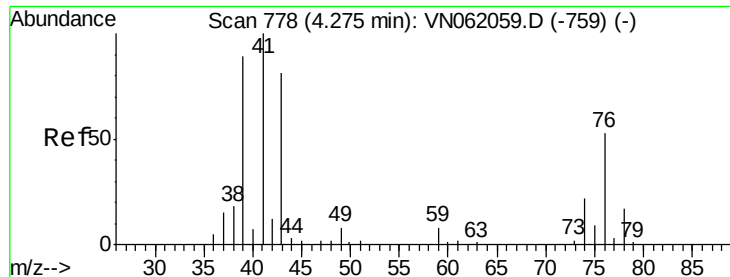
200

100

0

Time-->

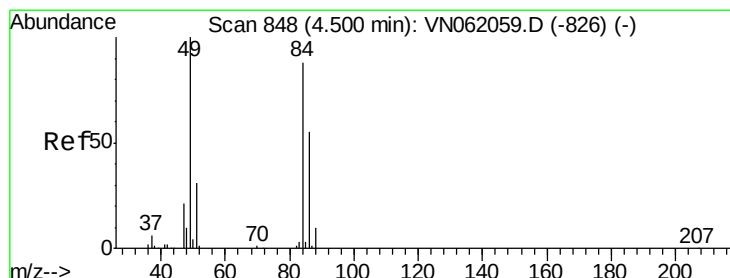
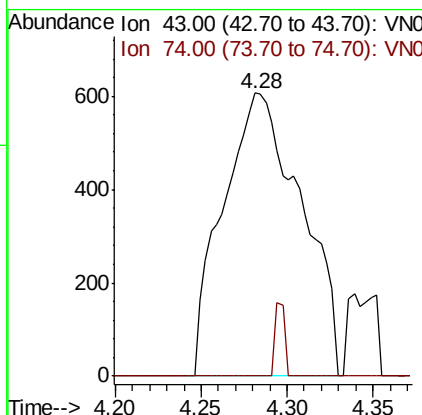
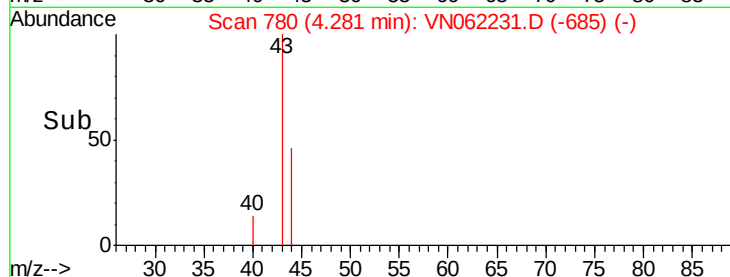
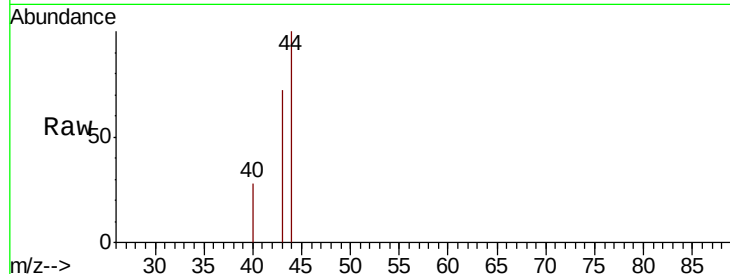




#18
Methyl Acetate
Concen: 0.840 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

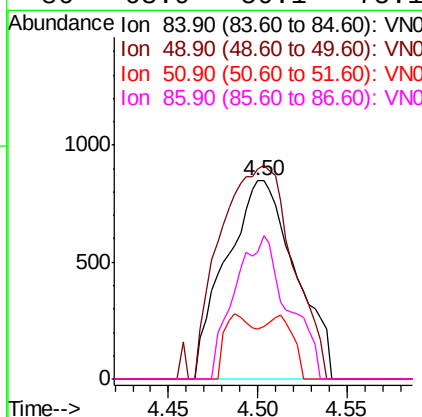
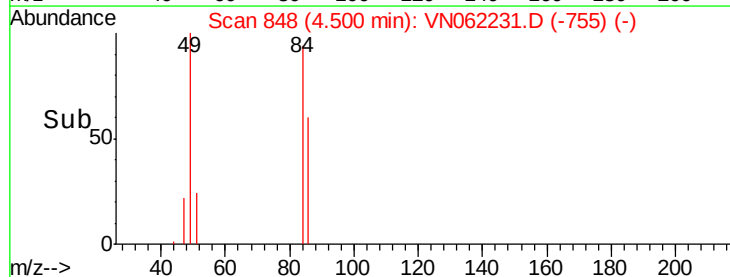
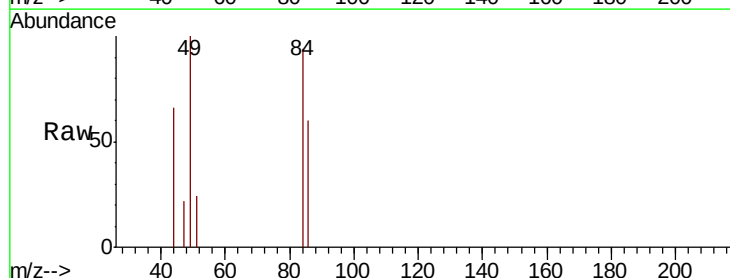
Instrument :
MSVOA_N
ClientSampled :
VN0630MBL01

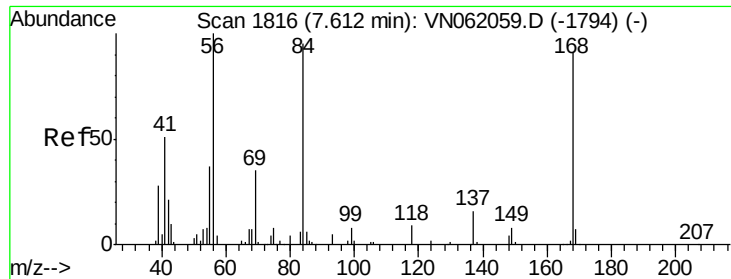
Tot Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
74 3.1 22.9 34.3#



#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

Tgt Ion: 84 Resp: 2295
Ion Ratio Lower Upper
84 100
49 106.3 90.6 136.0
51 25.5 27.8 41.8#
86 63.9 50.1 75.1

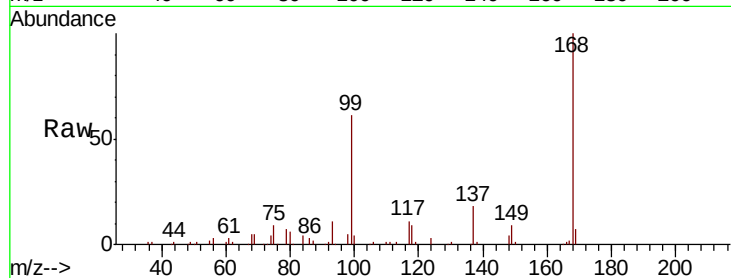




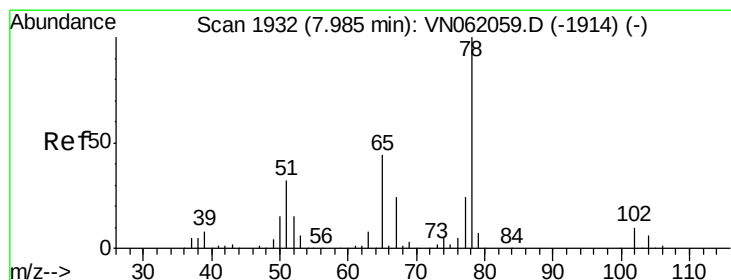
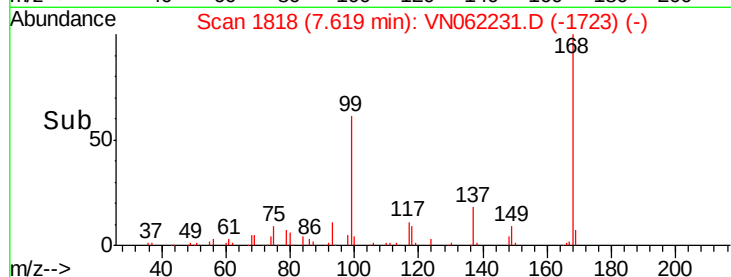
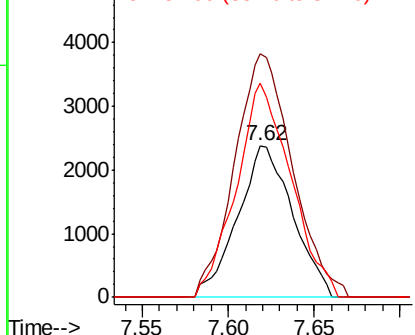
#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VN0630MBL01

Tot Ion: 56 Resp: 5294
Ion Ratio Lower Upper
56 100
69 160.4 28.0 42.0#
84 141.0 76.1 114.1#

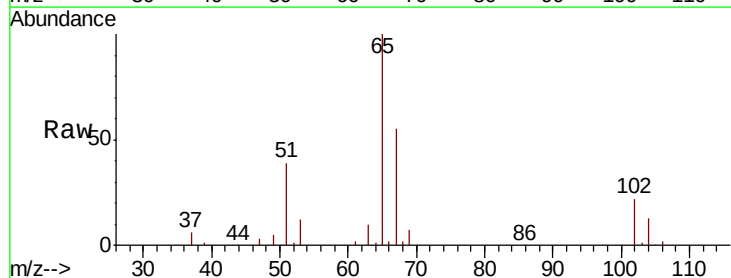


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

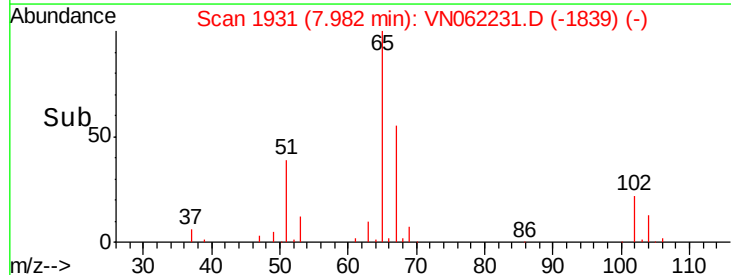
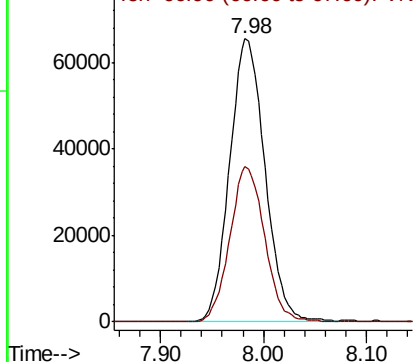


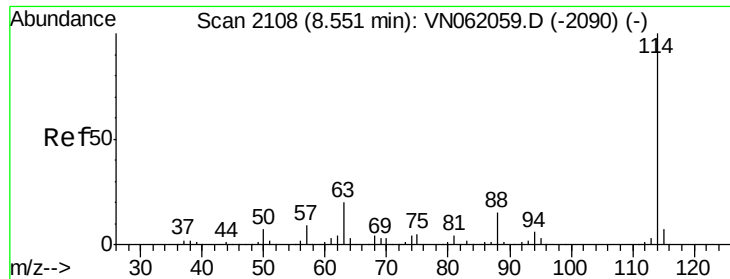
#33
1,2-Dichloroethane-d4
Concen: 54.425 ug/l
RT: 7.98 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

Tgt Ion: 65 Resp: 156362
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.2



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

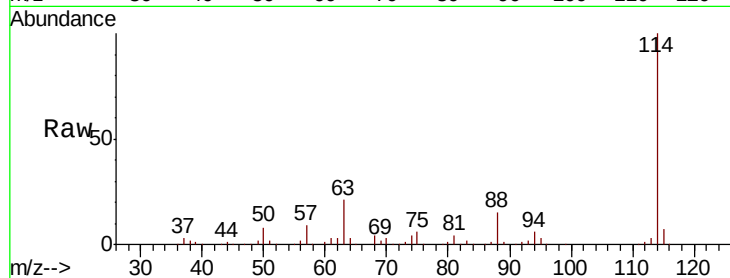




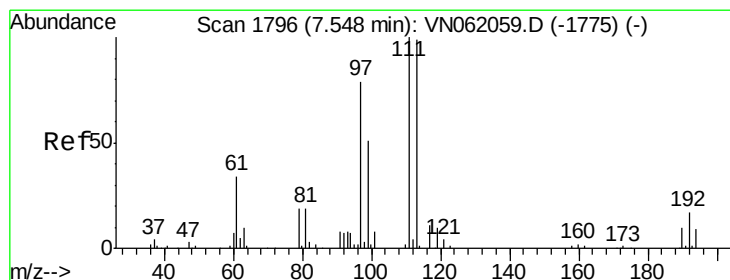
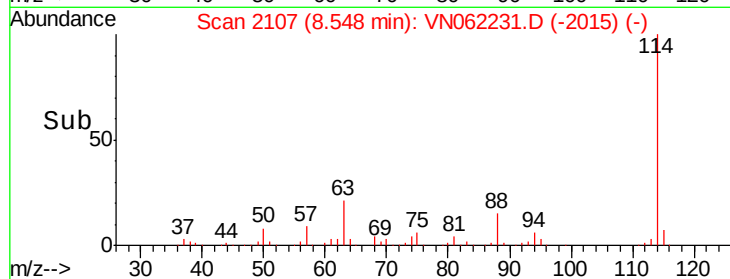
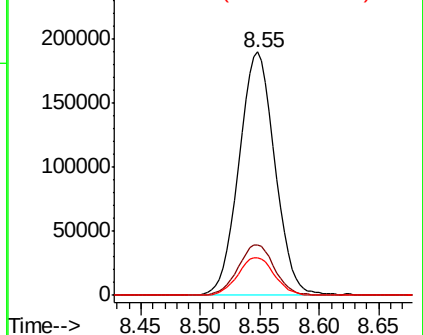
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBL01

Tot Ion:114 Resp: 395991
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 15.4 0.0 30.8

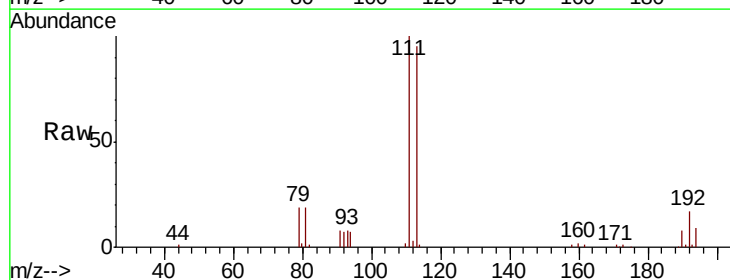


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

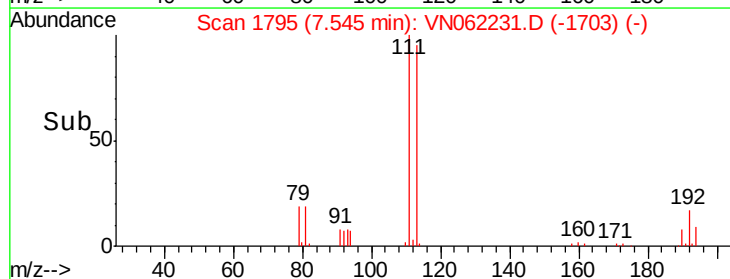
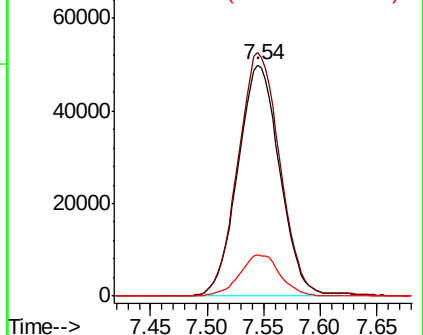


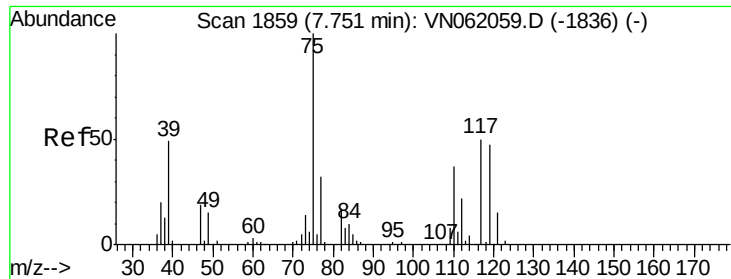
#35
 Dibromofluoromethane
 Concen: 50.650 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

Tgt Ion:113 Resp: 128675
 Ion Ratio Lower Upper
 113 100
 111 106.2 82.2 123.4
 192 17.5 14.0 21.0



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

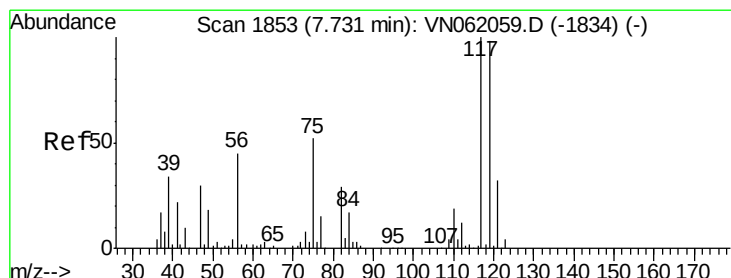
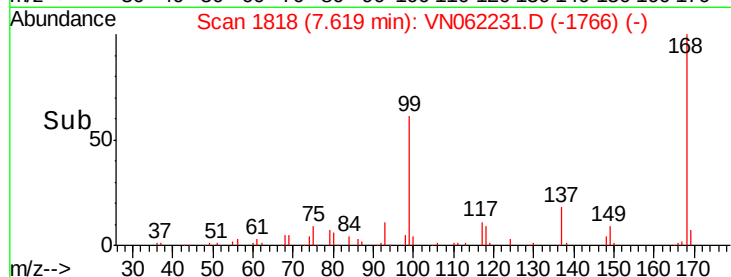
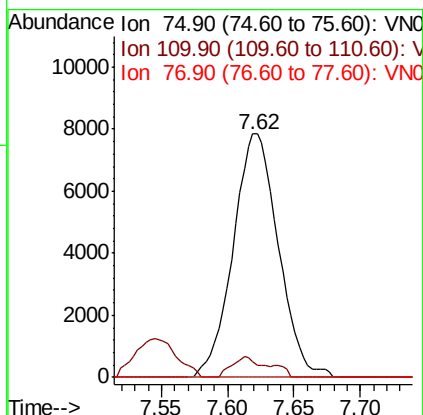
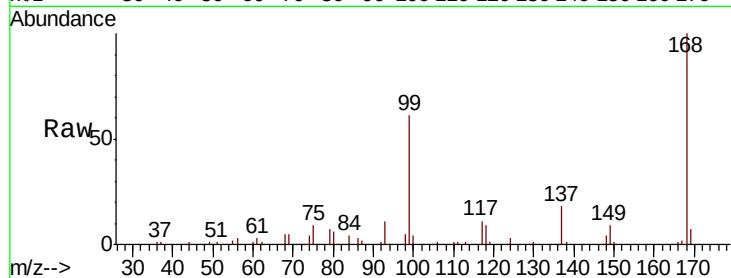




#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

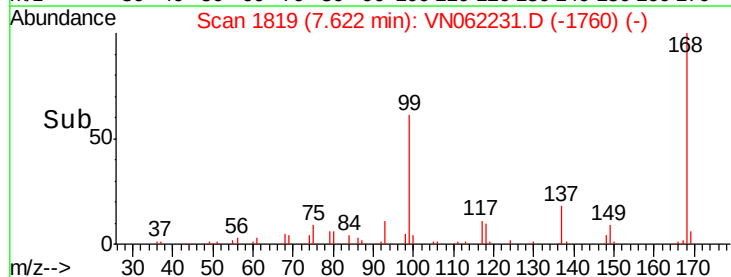
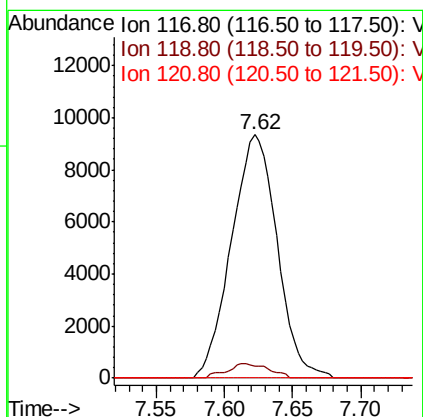
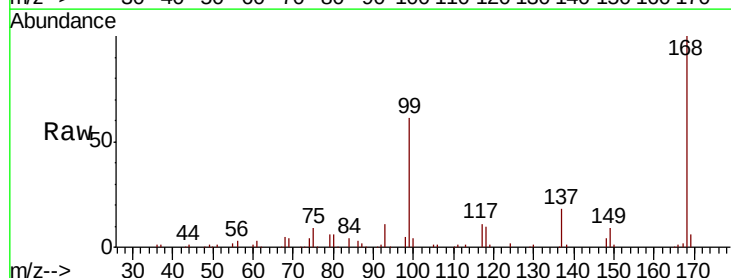
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBL01

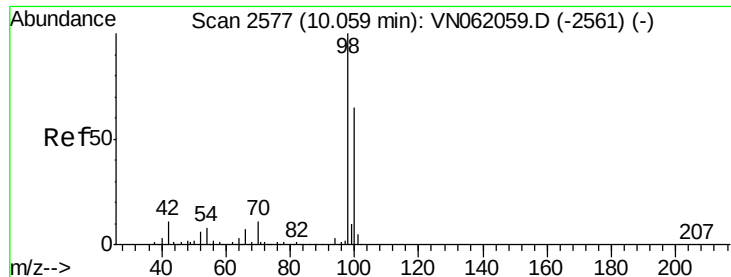
Tot Ion: 75 Resp: 18646
 Ion Ratio Lower Upper
 75 100
 110 5.4 17.9 53.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.802 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

Tgt Ion: 117 Resp: 21773
 Ion Ratio Lower Upper
 117 100
 119 5.1 78.2 117.2#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.133 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

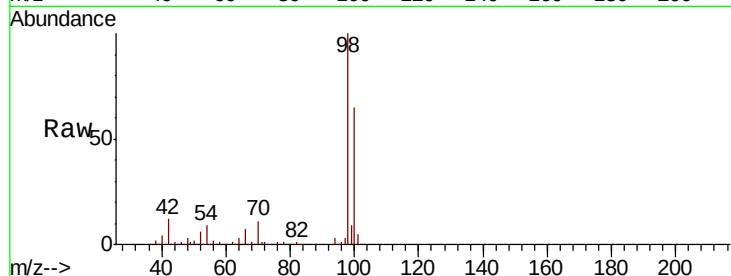
VN0630MBL01

Tot Ion: 98 Resp: 509102

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

300000

250000

200000

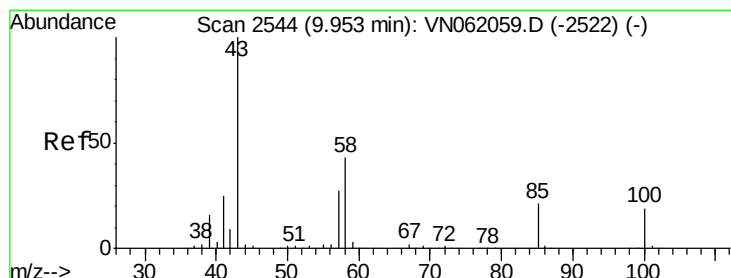
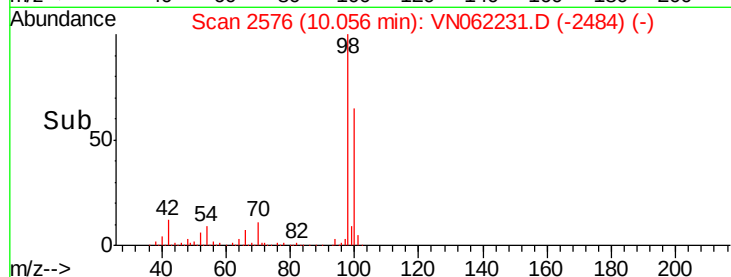
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.270 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062231.D

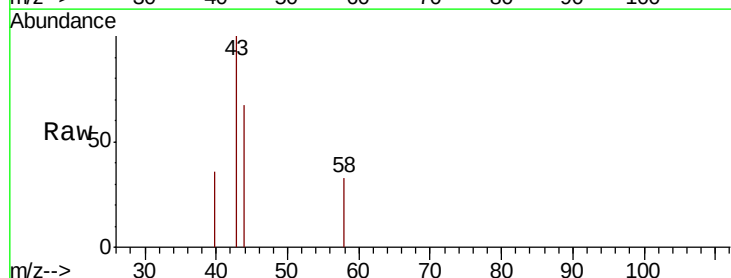
Acq: 30 Jun 2020 11:28

Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

58 0.0 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

600

500

400

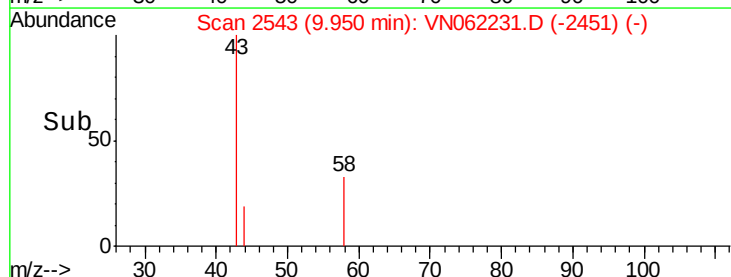
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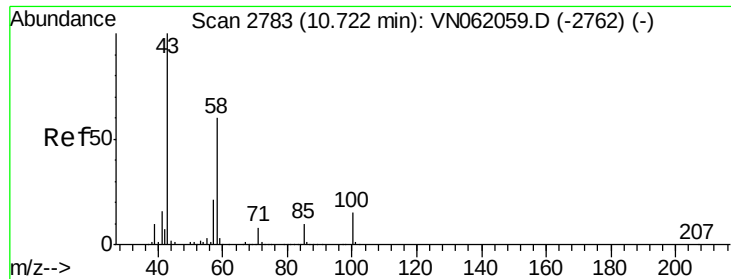
200

100

0

Time-->





#59

2-Hexanone

Concen: 0.253 ug/l

RT: 10.73 min Scan# 2786

Delta R.T. 0.01 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

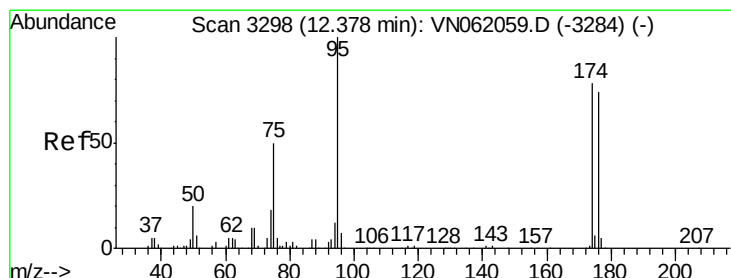
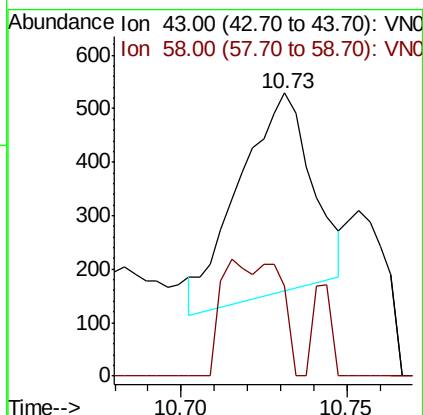
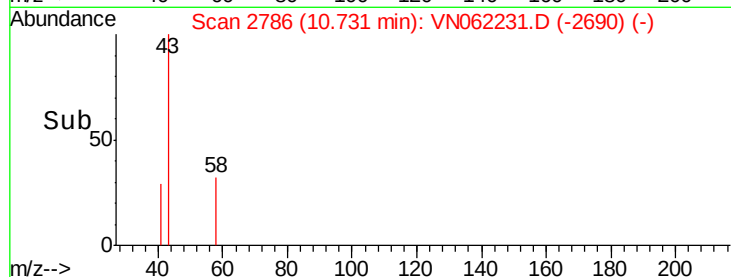
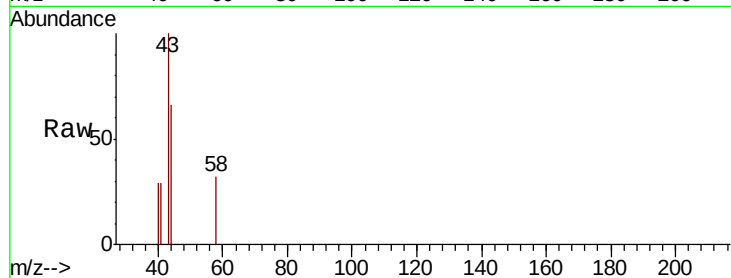
VN0630MBL01

Tot Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 11.3 29.5 88.5#



#62

4-Bromofluorobenzene

Concen: 45.482 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

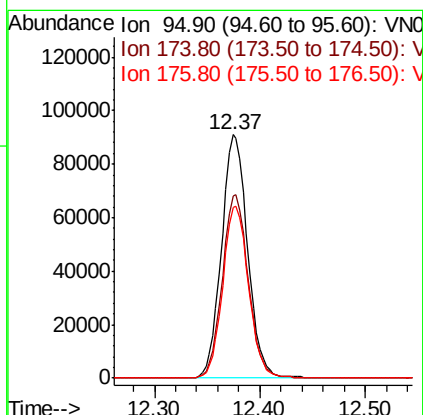
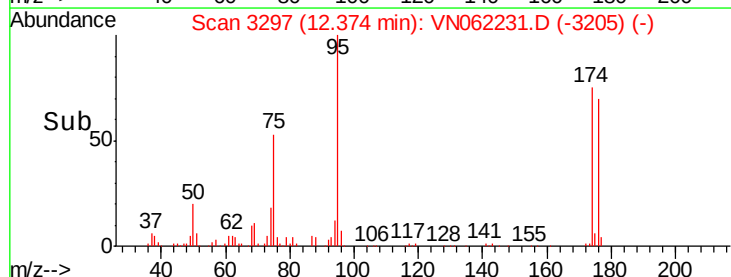
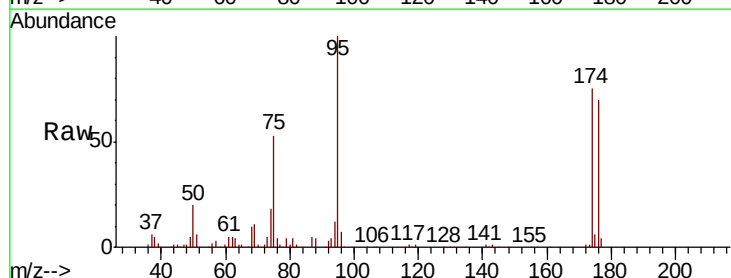
Tgt Ion: 95 Resp: 156047

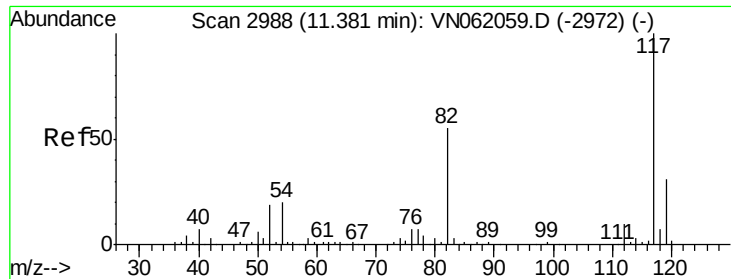
Ion Ratio Lower Upper

95 100

174 75.2 0.0 154.8

176 70.2 0.0 147.4

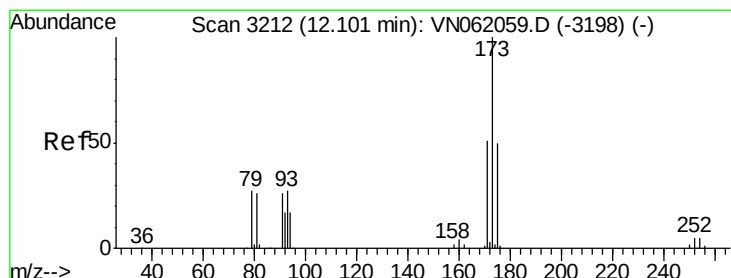
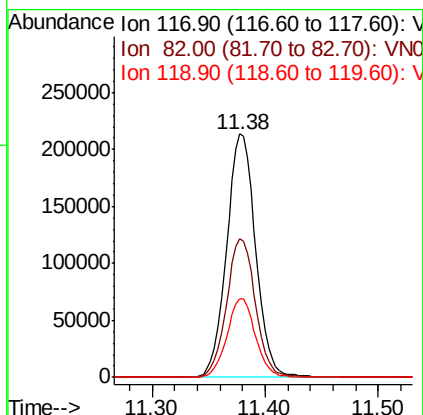
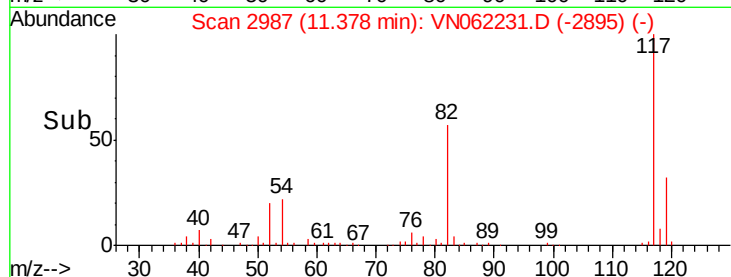
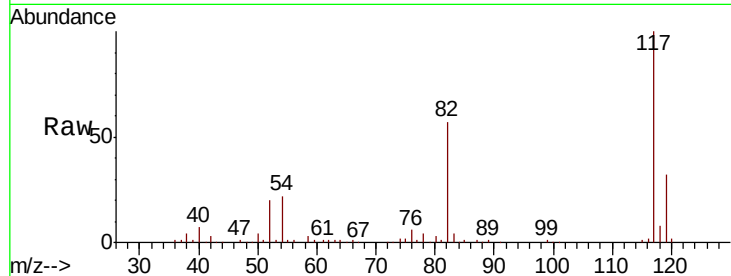




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

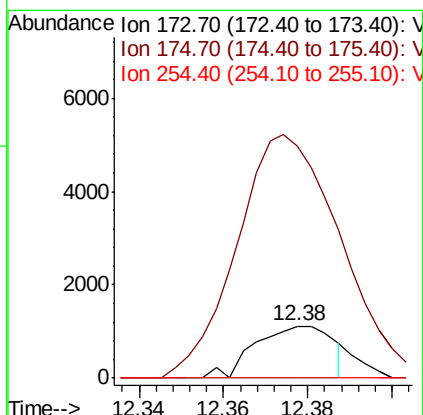
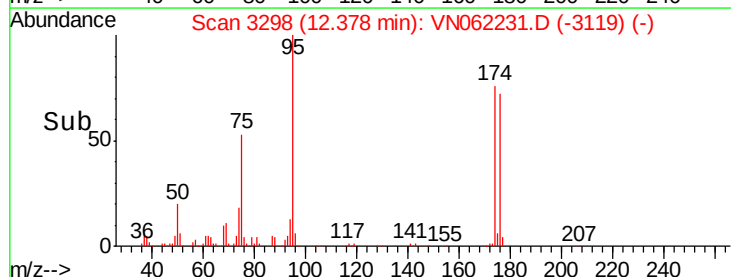
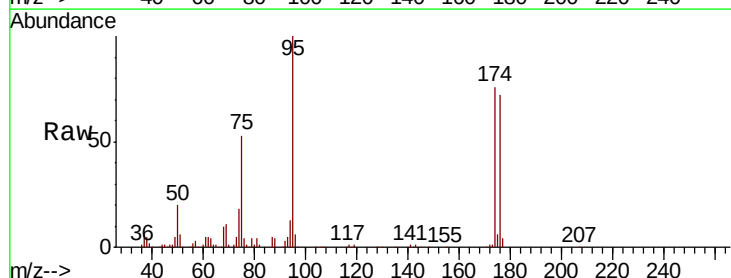
Instrument :
MSVOA_N
ClientSampled :
VN0630MBL01

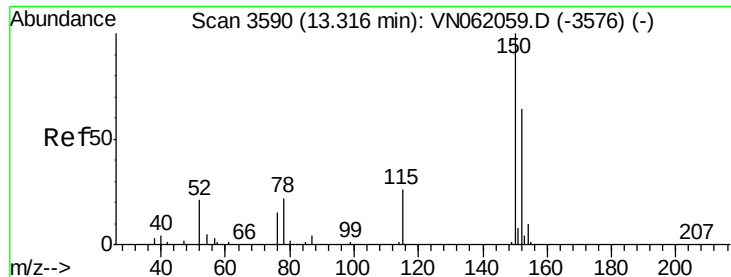
Tot Ion:117 Resp: 379925
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 32.4 25.2 37.8



#71
Bromoform
Concen: 0.698 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062231.D
Acq: 30 Jun 2020 11:28

Tgt Ion:173 Resp: 1432
Ion Ratio Lower Upper
173 100
175 539.2 24.7 74.1#
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: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0630MBL01

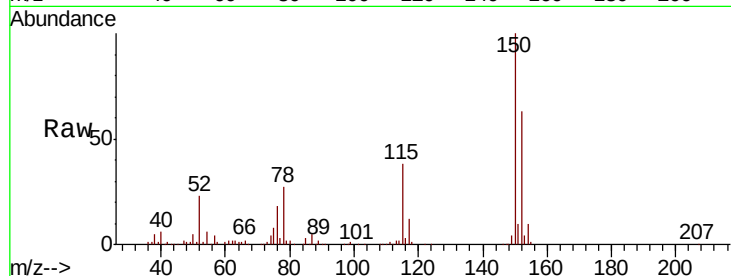
Tot Ion:152 Resp: 129619

Ion Ratio Lower Upper

152 100

115 60.4 29.5 88.5

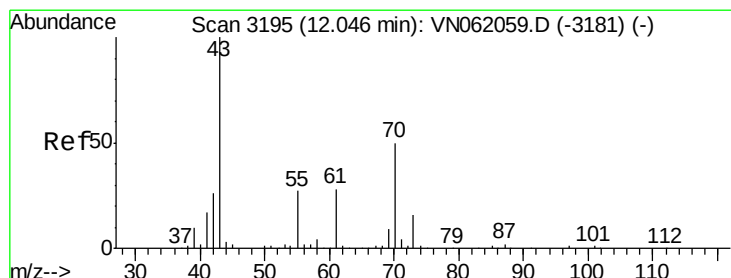
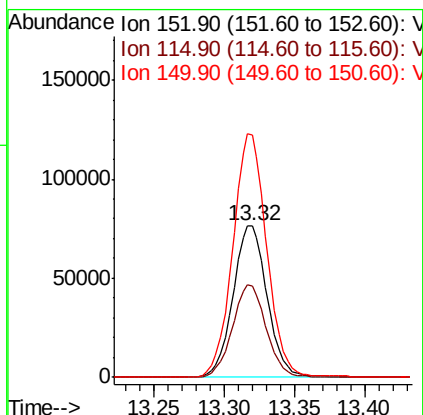
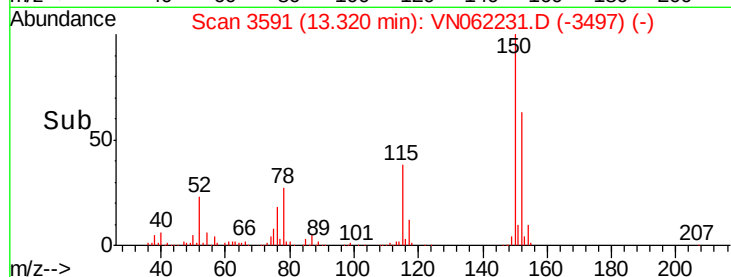
150 160.0 0.0 351.4



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-ethyl acetate

Concen: 3.434 ug/l

RT: 12.05 min Scan# 3197

Delta R.T. 0.01 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

Tgt Ion: 43 Resp: 360

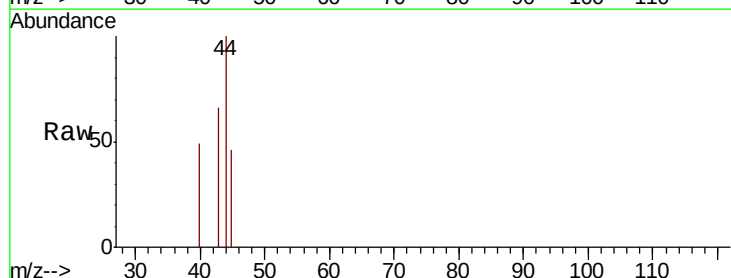
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

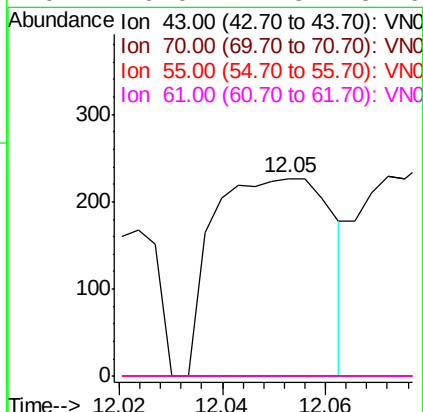
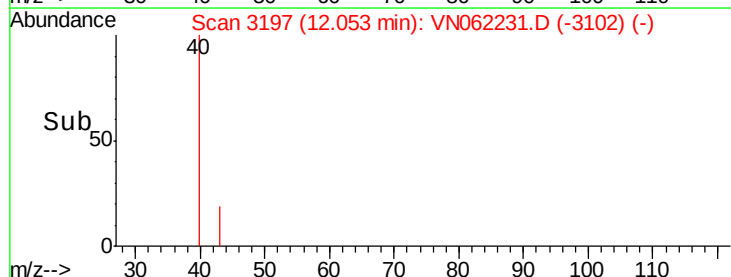


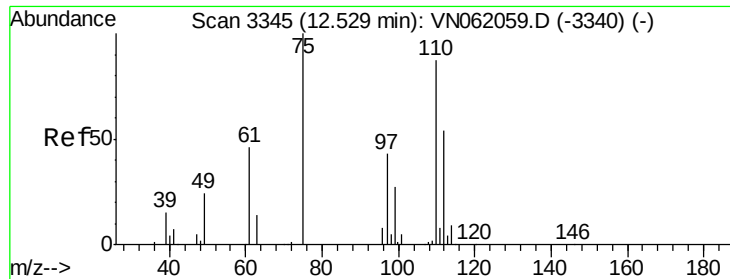
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 26.704 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

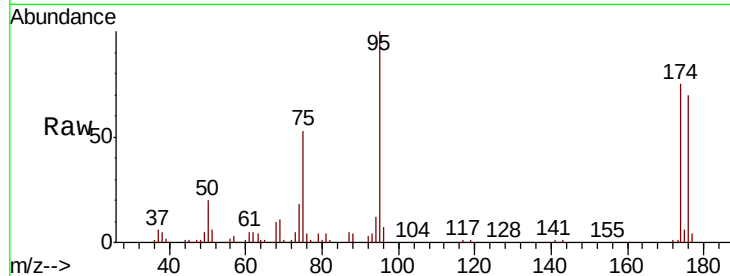
VN0630MBL01

Tot Ion: 75 Resp: 81482

Ion Ratio Lower Upper

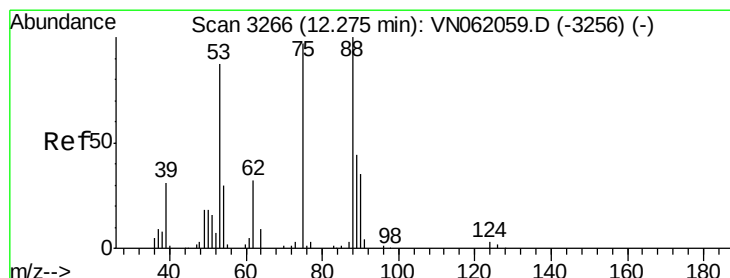
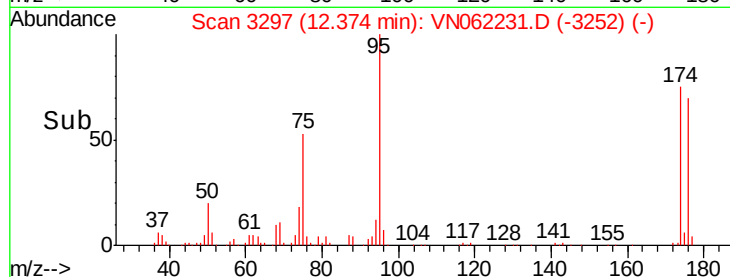
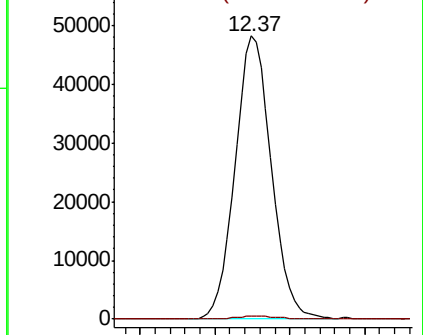
75 100

77 1.1 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: 77.985 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062231.D

Acq: 30 Jun 2020 11:28

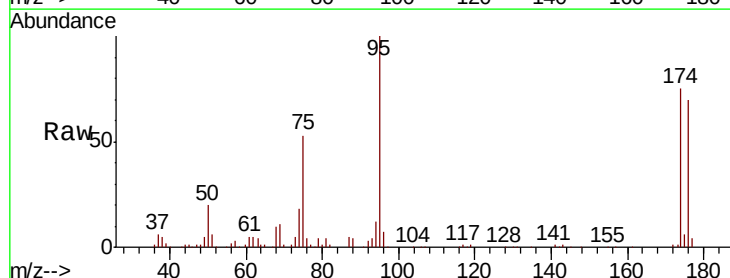
Tgt Ion: 75 Resp: 81482

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

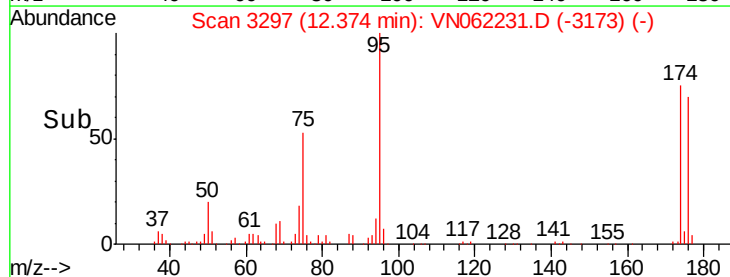
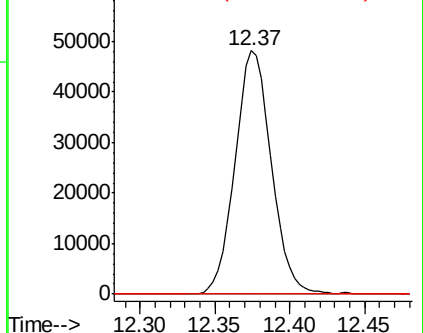
89 0.0 36.9 55.3#

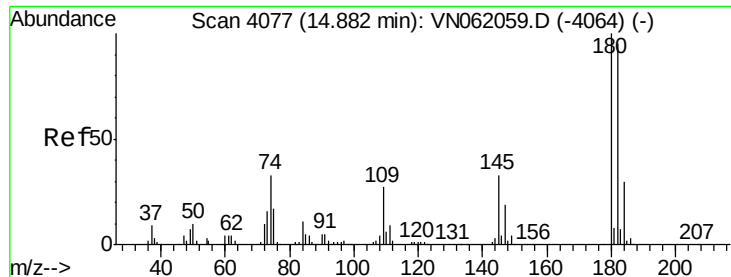


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

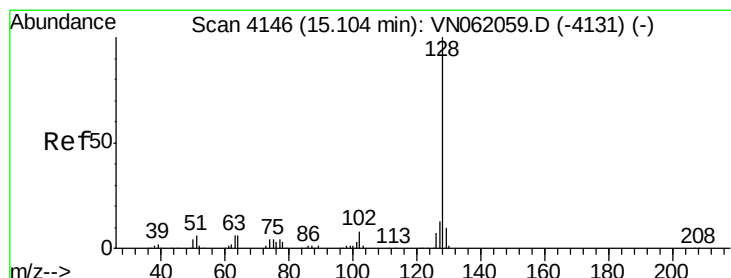
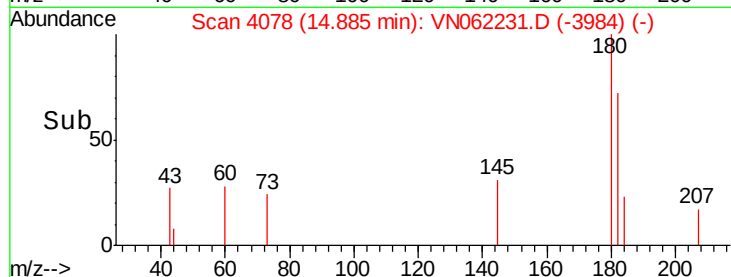
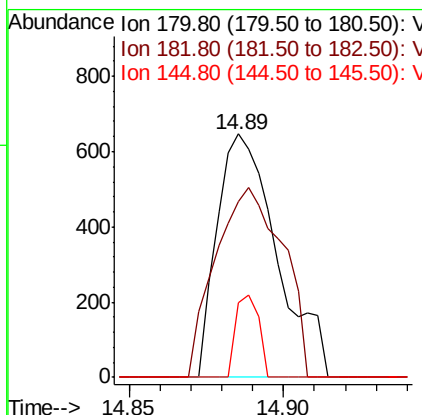
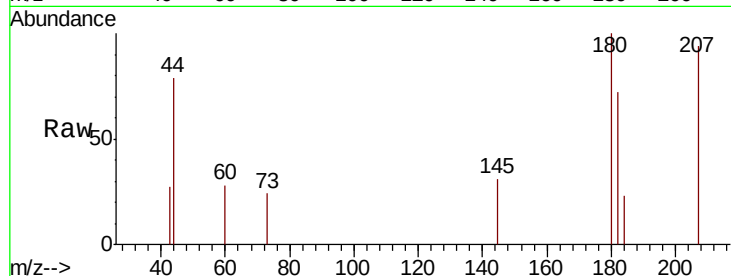




#93
 1,2,4-Trichlorobenzene
 Concen: 0.470 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

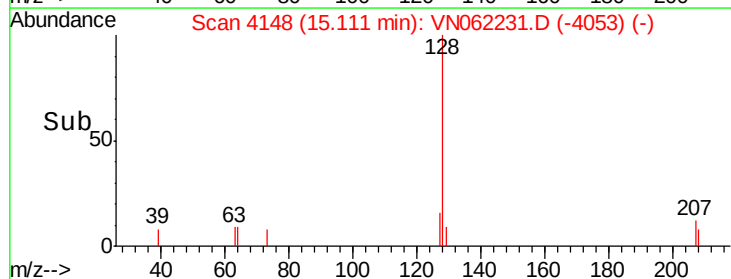
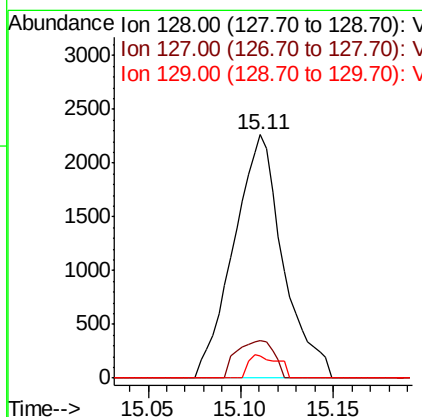
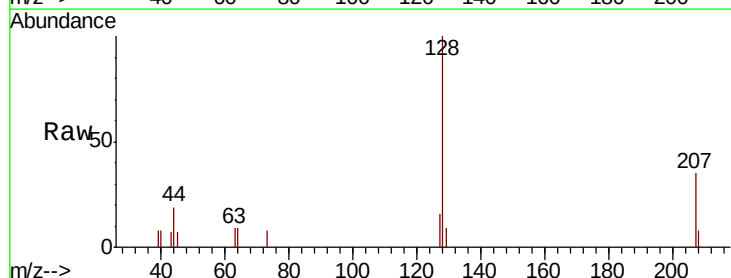
Instrument :
 MSVOA_N
 ClientSampled :
 VN0630MBL01

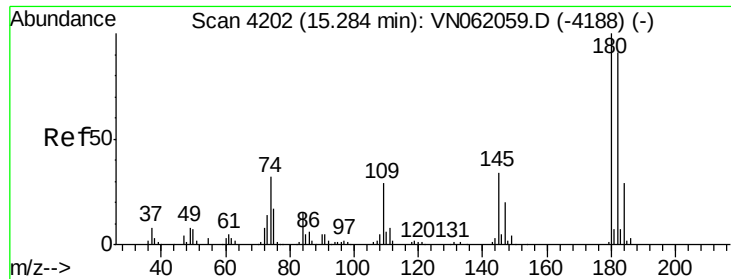
Tot Ion:180 Resp: 871
 Ion Ratio Lower Upper
 180 100
 182 87.8 48.0 144.2
 145 12.9 16.0 48.0#



#95
 Naphthalene
 Concen: 4.619 ug/l
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

Tgt Ion:128 Resp: 4193
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.5 15.7
 129 5.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.555 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN062231.D
 Acq: 30 Jun 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.5	46.8	140.4
145	33.9	16.4	49.2

