

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062232.D
 Acq On : 30 Jun 2020 11:53
 Operator : JC/MD
 Sample : VN0630WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBL01

Quant Time: Jul 01 03:32:25 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	7.63	168	206951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	402720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134935	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	161337	55.55	ug/l	0.00
Spiked Amount			Recovery	=	111.10%	
35) Dibromofluoromethane	7.55	113	130718	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.06	98	505972	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	163669	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

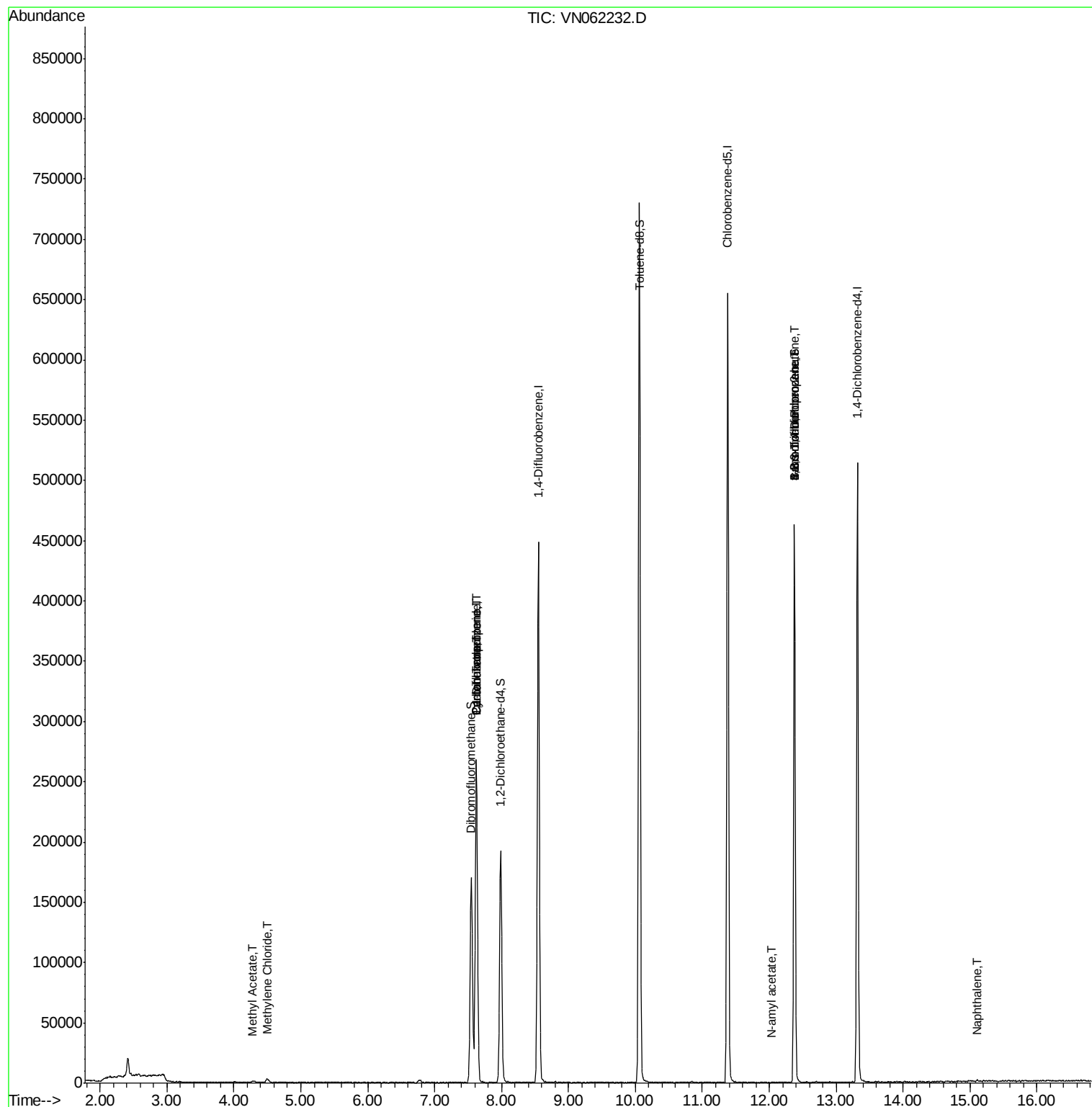
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	294	Below Cal	#	41
16) Acetone	3.78	43	183	Below Cal	#	40
18) Methyl Acetate	4.28	43	808	0.350	ug/l #	64
20) Methylene Chloride	4.50	84	1256	0.255	ug/l #	85
31) Cyclohexane	7.63	56	5190	1.293	ug/l #	21
36) 1,1-Dichloropropene	7.62	75	18341	4.531	ug/l #	45
38) Carbon Tetrachloride	7.62	117	21960	5.754	ug/l #	17
71) Bromoform	12.38	173	1309	0.639	ug/l #	1
74) N-amyl acetate	12.04	43	202	3.392	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	82270	25.900	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	82270	75.637	ug/l #	13
95) Naphthalene	15.11	128	1214	4.169	ug/l #	69

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

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBL01

Quant Time: Jul 01 03:32:25 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: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

Instrument :

MSVOA_N

ClientSampled :

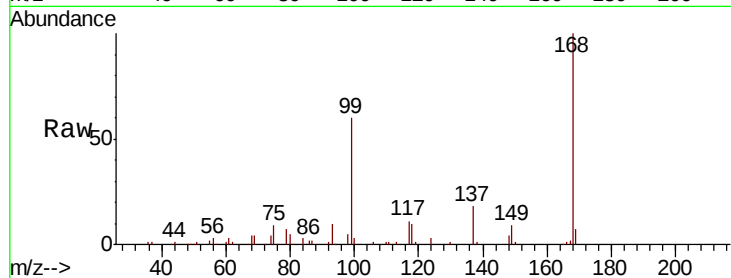
VN0630WBL01

Tot Ion:168 Resp: 206951

Ion Ratio Lower Upper

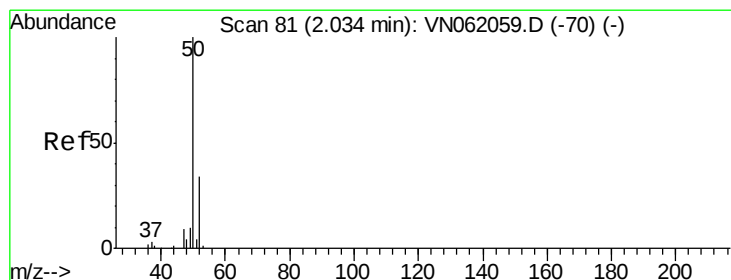
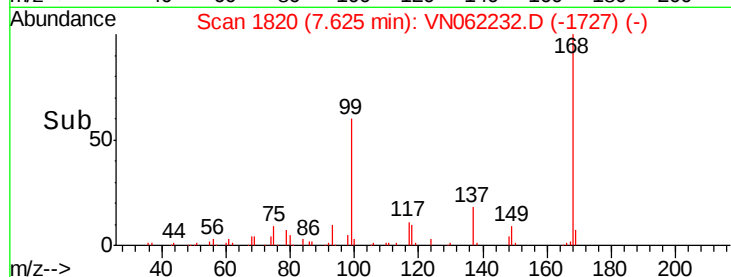
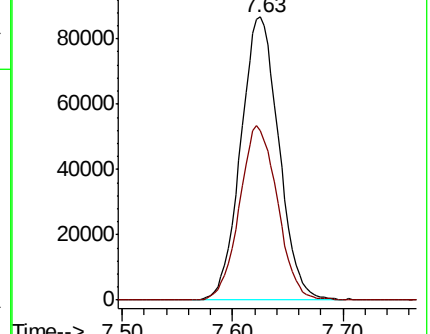
168 100

99 59.9 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: VN062232.D

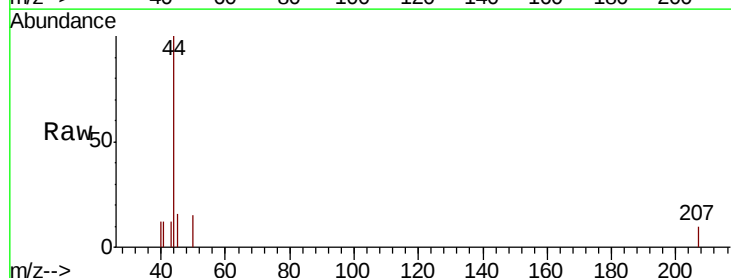
Acq: 30 Jun 2020 11:53

Tgt Ion: 50 Resp: 294

Ion Ratio Lower Upper

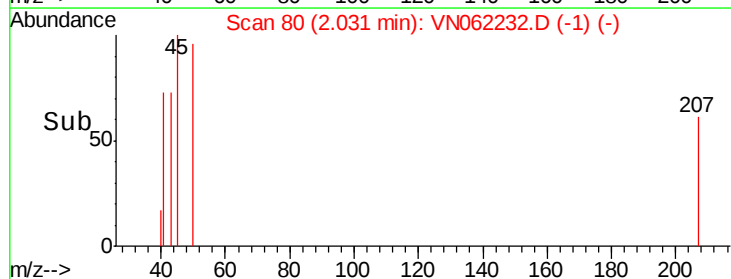
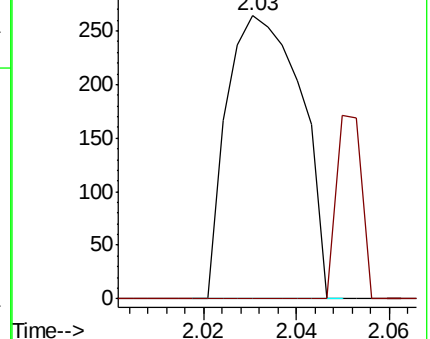
50 100

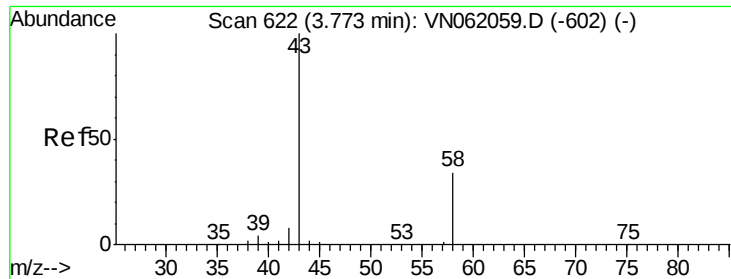
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

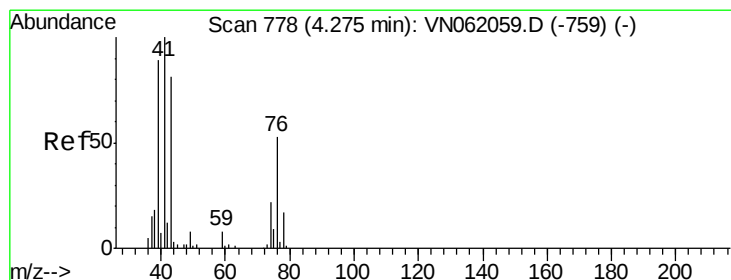
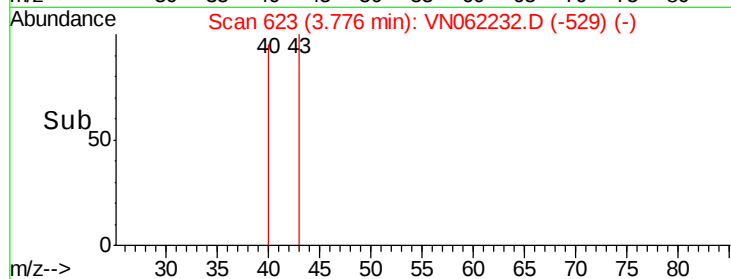
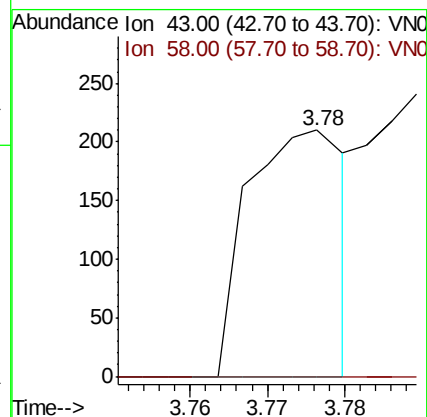
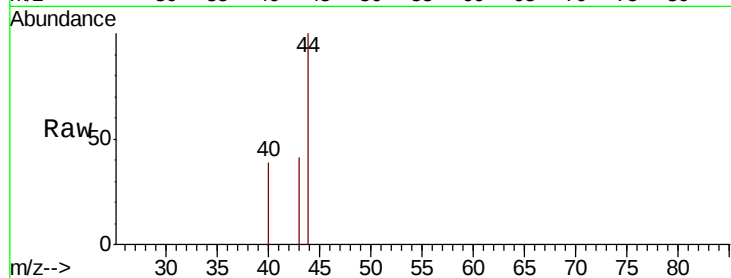
VN0630WBL01

Tot Ion: 43 Resp: 183

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



#18

Methyl Acetate

Concen: 0.350 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062232.D

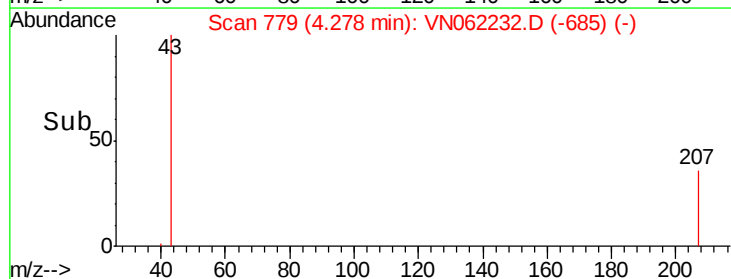
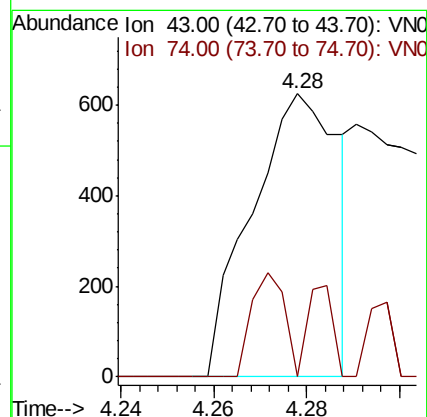
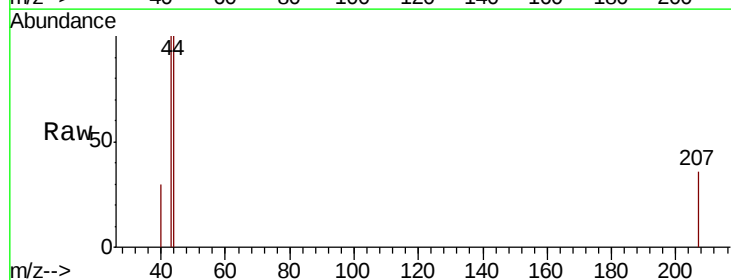
Acq: 30 Jun 2020 11:53

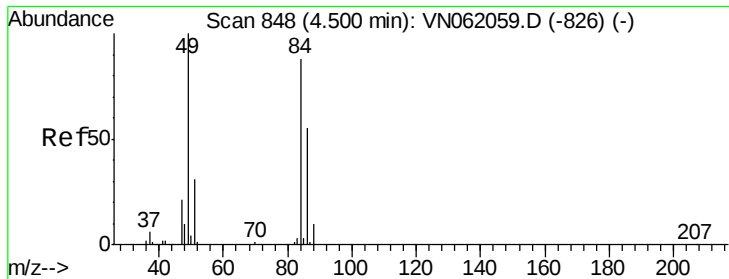
Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

74 9.4 22.9 34.3#

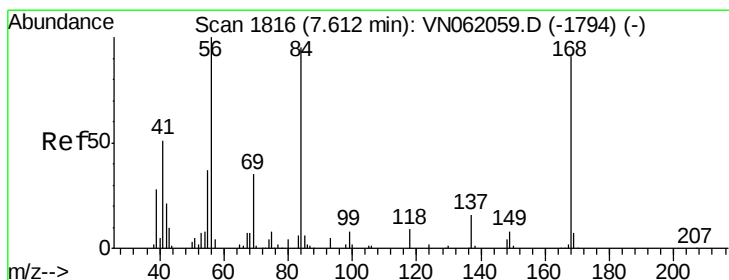
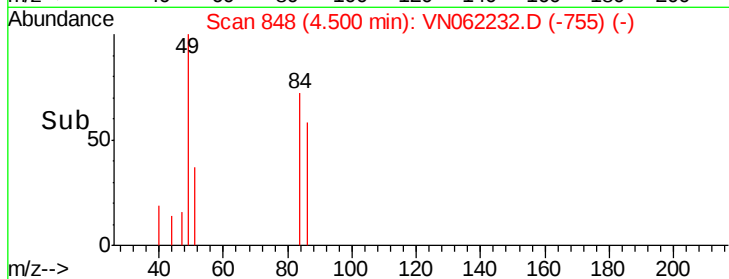
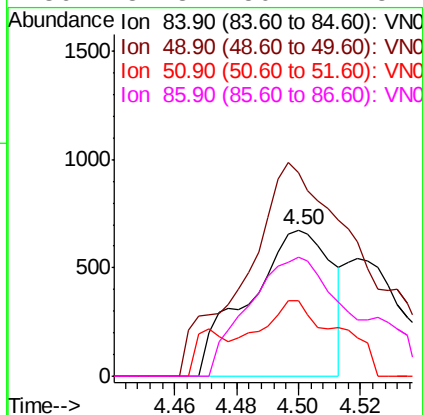
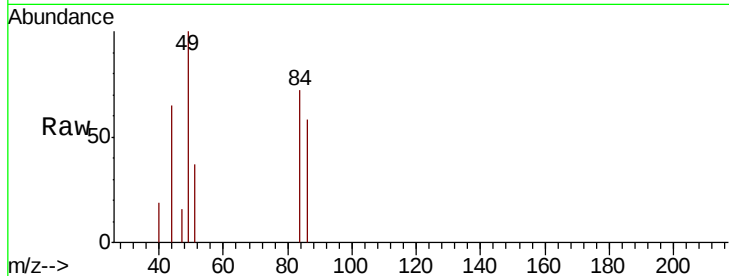




#20
Methvlene Chloride
Concen: 0.255 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

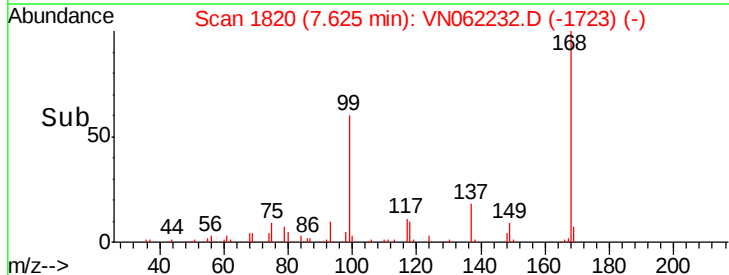
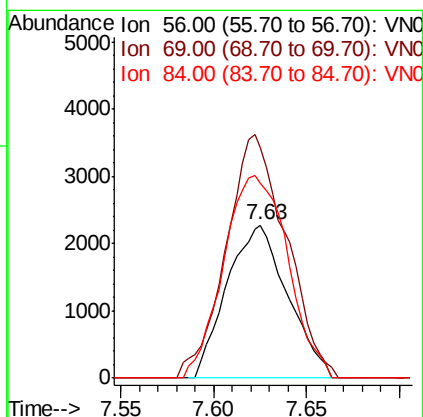
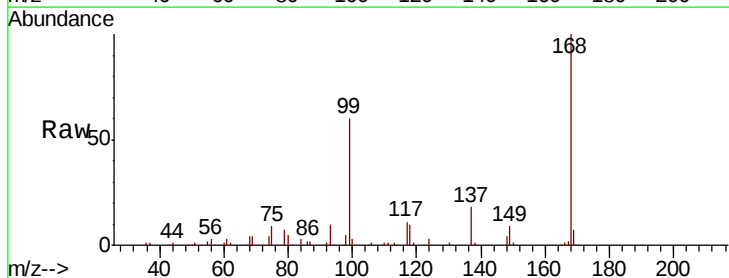
Instrument :
MSVOA_N
ClientSampled :
VN0630WBL01

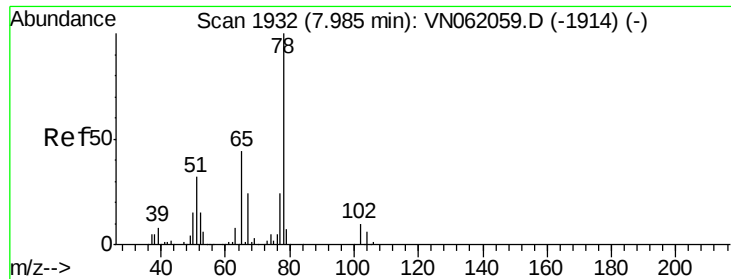
Tot Ion:	84	Resp:	1256
Ion	Ratio	Lower	Upper
84	100		
49	108.0	90.6	136.0
51	51.9	27.8	41.8#
86	81.3	50.1	75.1#



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

Tgt Ion:	56	Resp:	5190
Ion	Ratio	Lower	Upper
56	100		
69	151.2	28.0	42.0#
84	127.9	76.1	114.1#

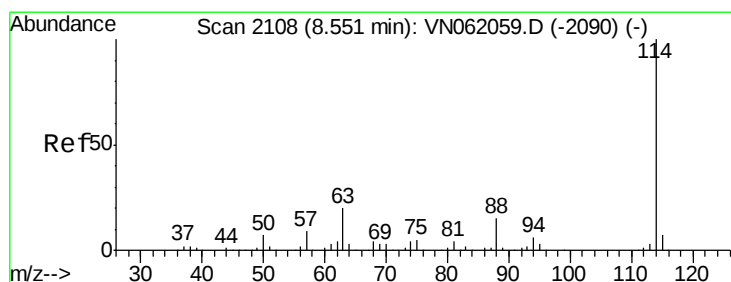
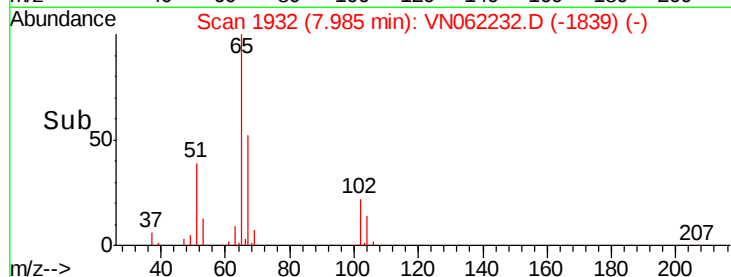
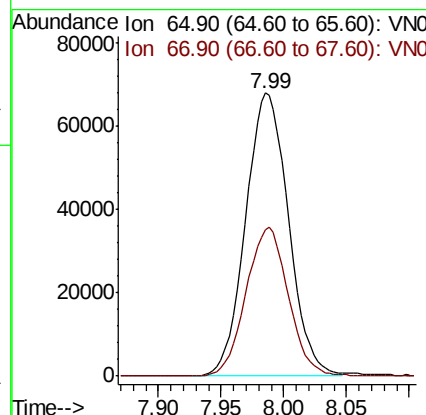
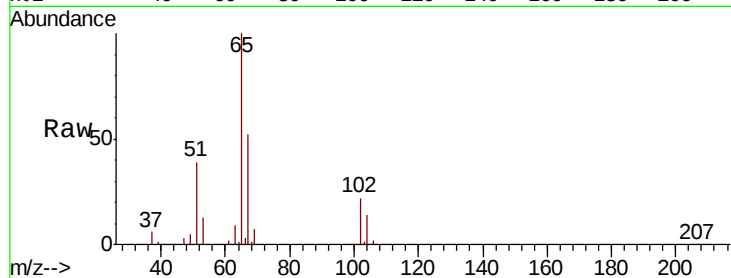




#33
 1,2-Dichloroethane-d4
 Concen: 55.553 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062232.D
 Acq: 30 Jun 2020 11:53

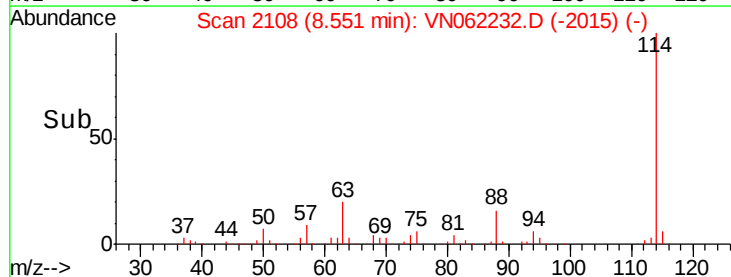
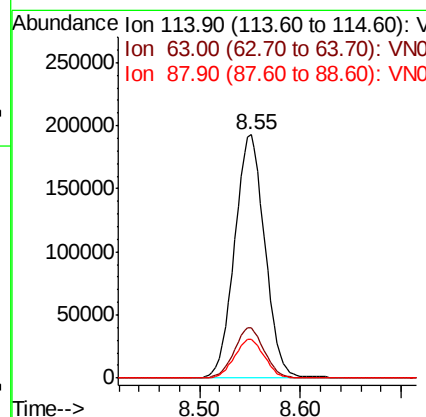
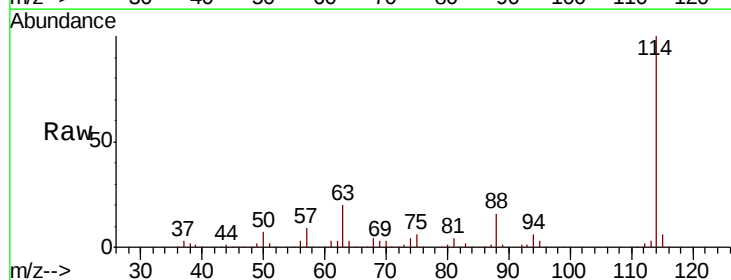
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBL01

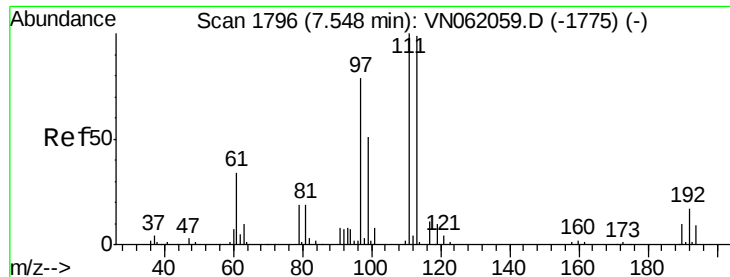
Tot Ion: 65 Resp: 161337
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062232.D
 Acq: 30 Jun 2020 11:53

Tgt Ion: 114 Resp: 402720
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.8 0.0 30.8

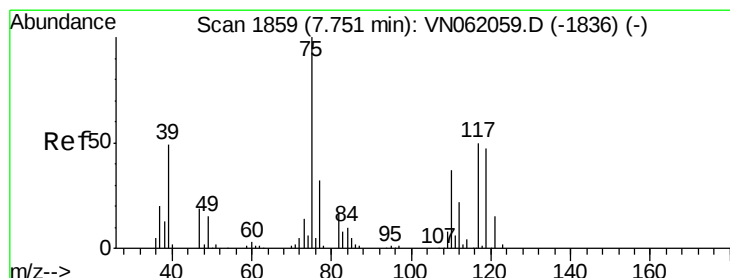
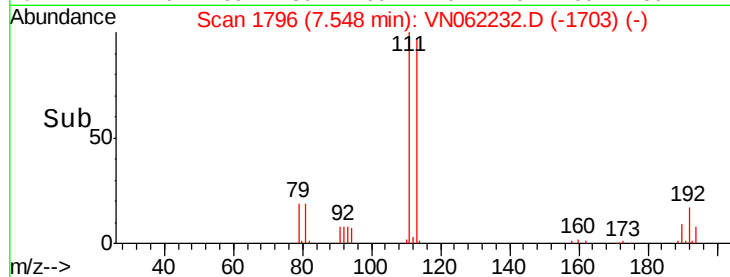
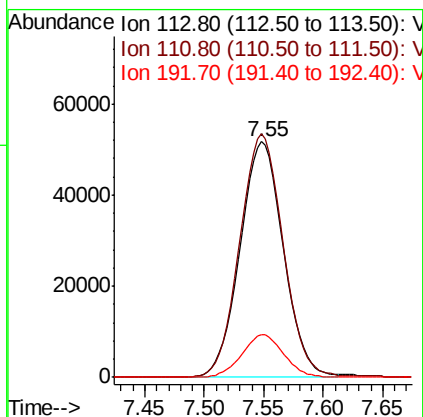
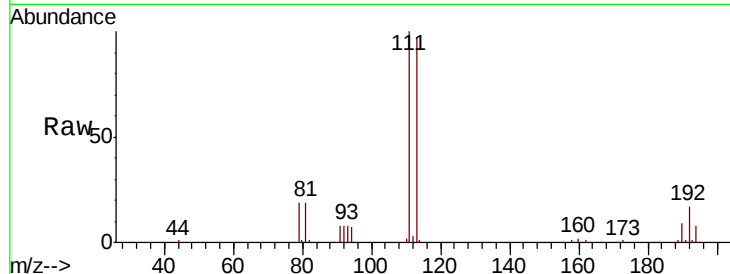




#35
 Dibromofluoromethane
 Concen: 50.594 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062232.D
 Acq: 30 Jun 2020 11:53

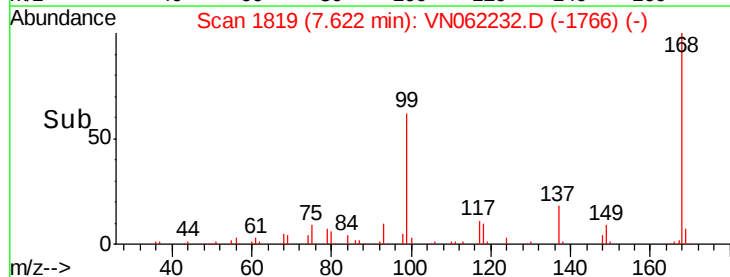
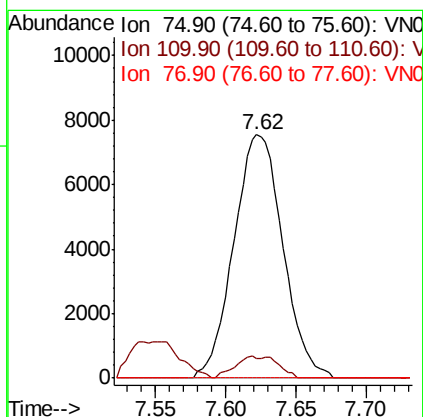
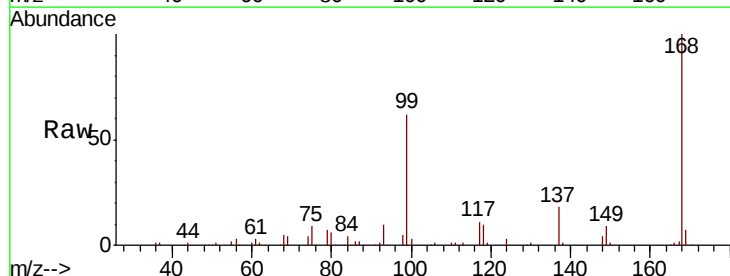
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBL01

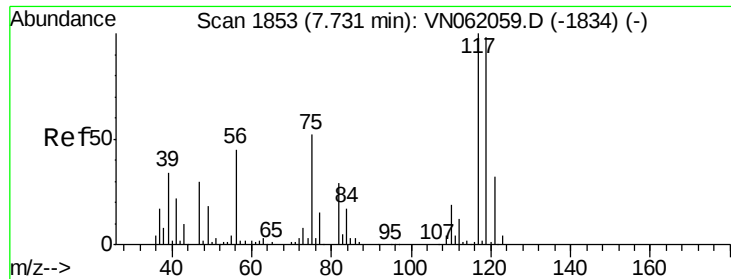
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	17.3	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062232.D
 Acq: 30 Jun 2020 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.7	17.9	53.8#
77	0.0	24.9	37.3#

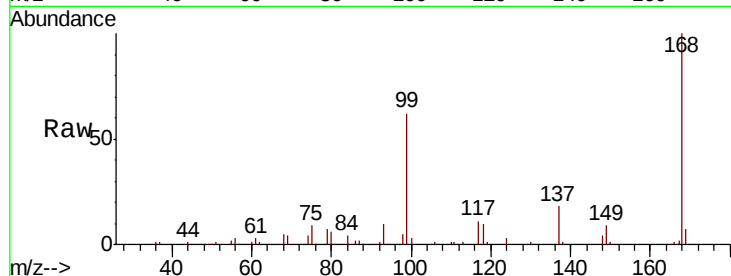




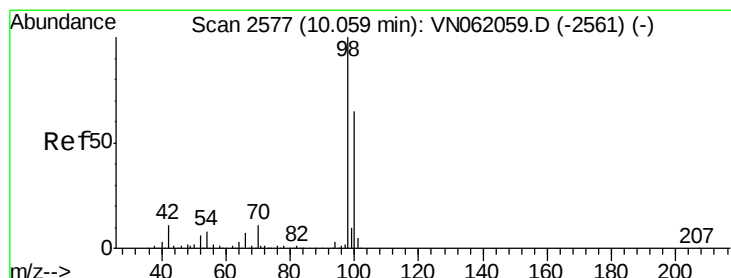
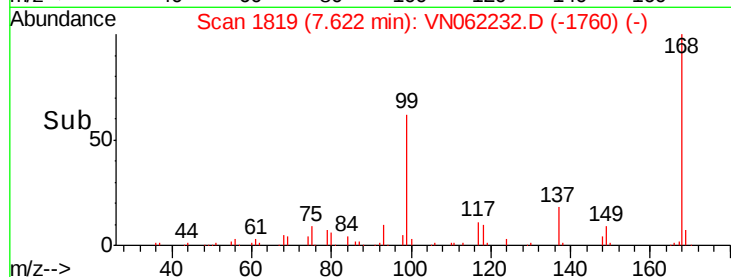
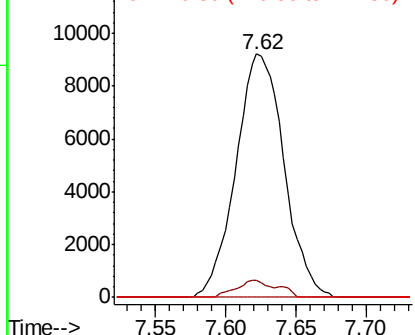
#38
Carbon Tetrachloride
Concen: 5.754 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBL01

Tot Ion:117 Resp: 21960
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 25.8 38.6#

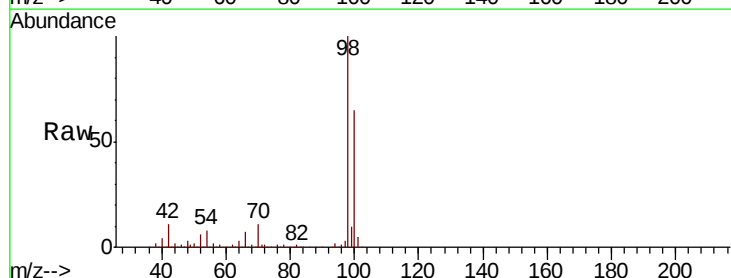


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

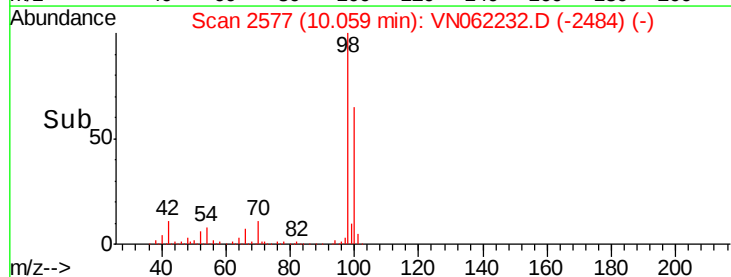
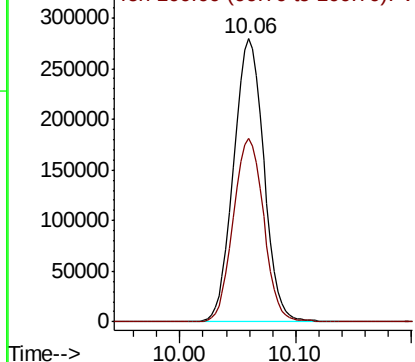


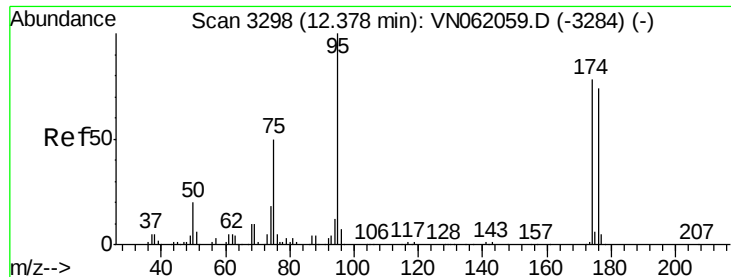
#50
Toluene-d8
Concen: 48.992 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

Tgt Ion: 98 Resp: 505972
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

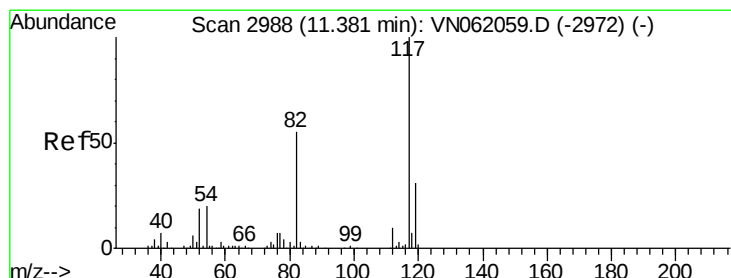
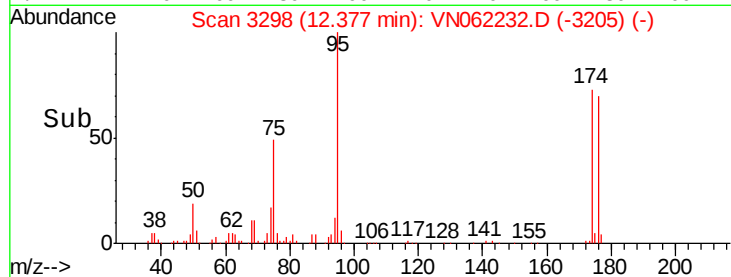
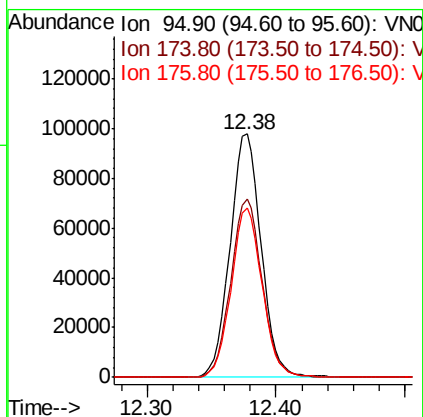
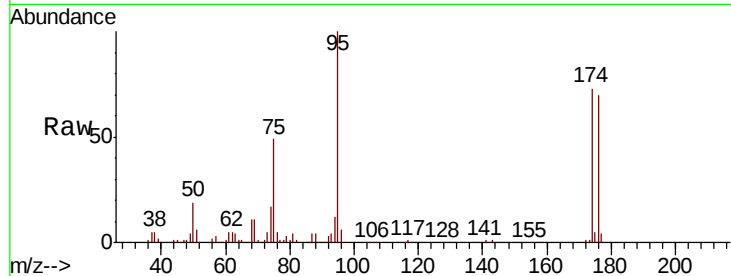




#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

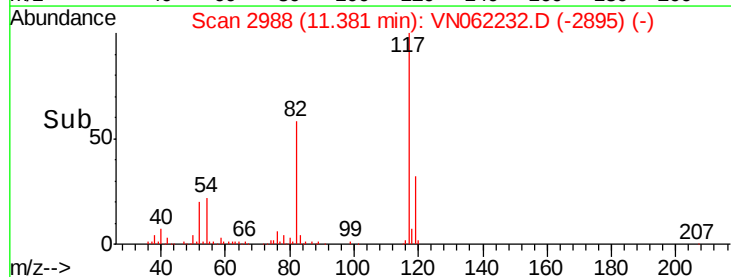
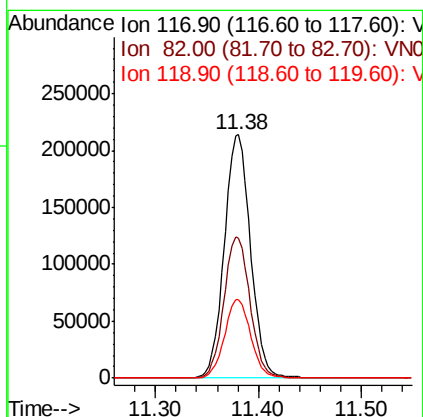
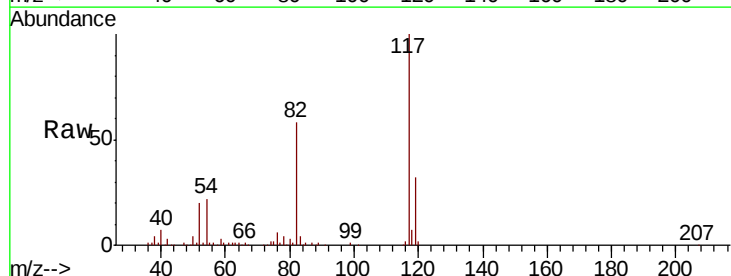
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBL01

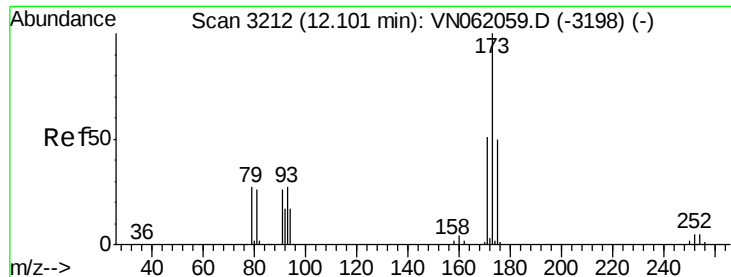
Tot Ion	95	Resp	163669
Ion Ratio	Lower	Upper	
95	100		
174	73.8	0.0	154.8
176	69.4	0.0	147.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062232.D
Acq: 30 Jun 2020 11:53

Tgt Ion	117	Resp	379384
Ion Ratio	Lower	Upper	
117	100		
82	57.7	43.8	65.8
119	32.4	25.2	37.8





#71

Bromoform

Concen: 0.639 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBL01

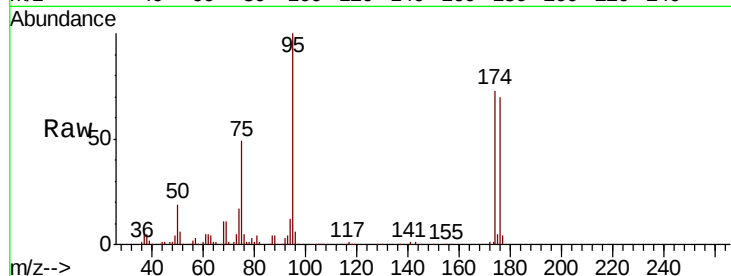
Tot Ion:173 Resp: 1309

Ion Ratio Lower Upper

173 100

175 583.0 24.7 74.1#

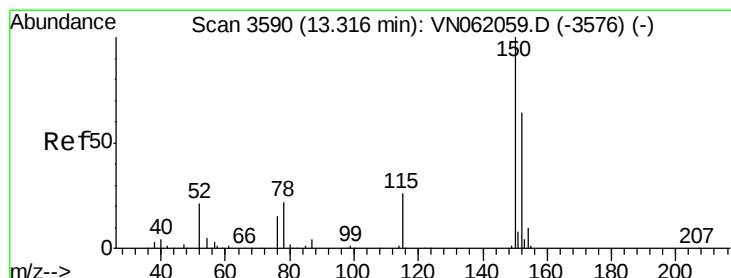
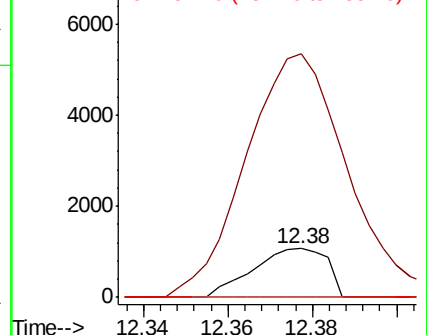
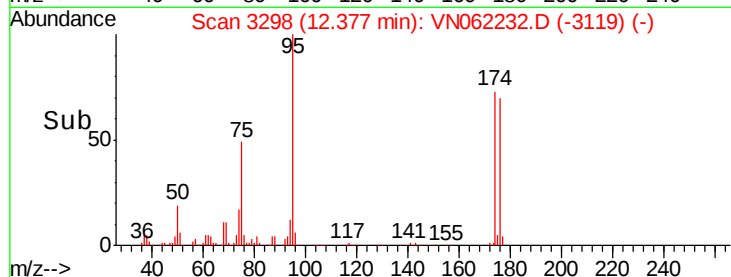
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

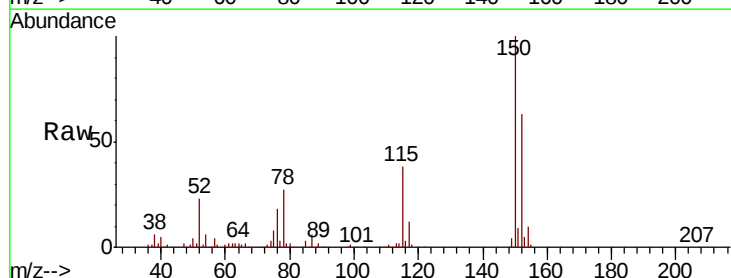
Tgt Ion:152 Resp: 134935

Ion Ratio Lower Upper

152 100

115 60.8 29.5 88.5

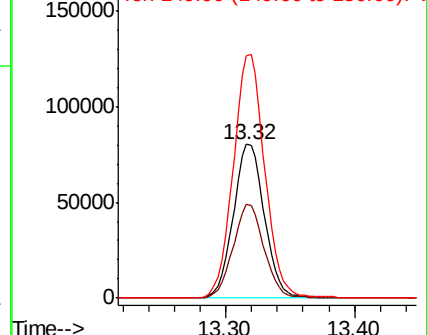
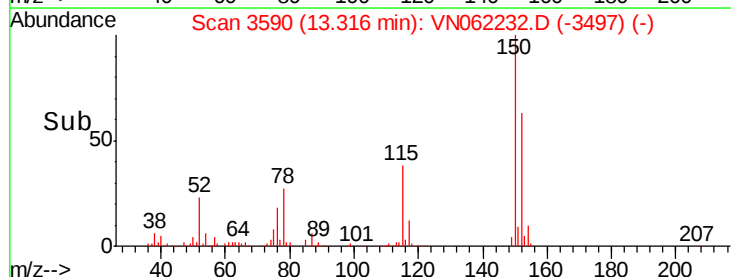
150 159.7 0.0 351.4

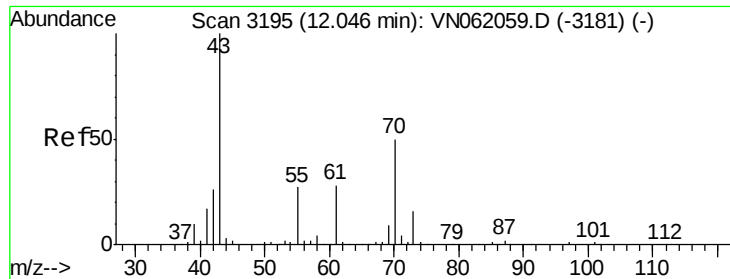


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.392 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.01 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBL01

Tot Ion: 43 Resp: 202

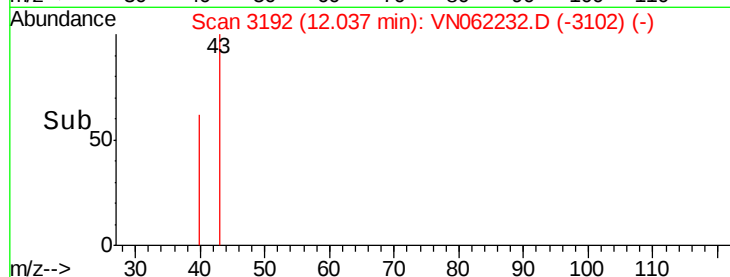
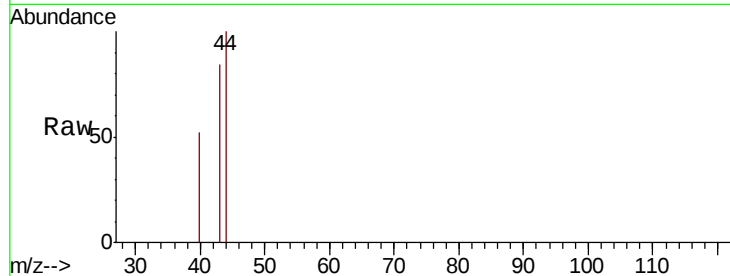
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

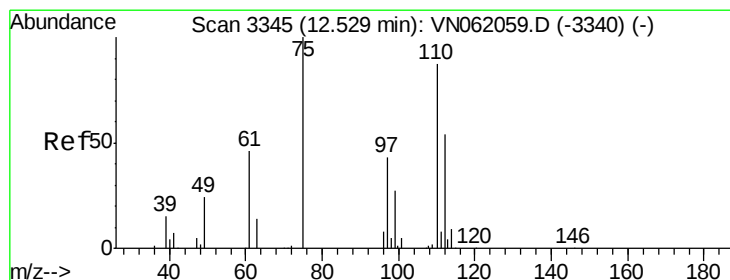
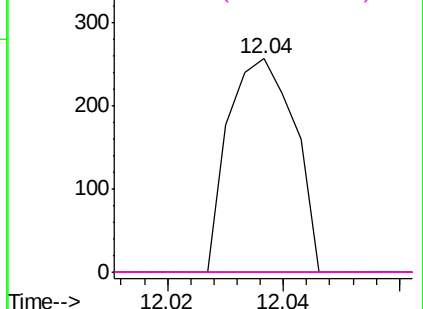


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 25.900 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062232.D

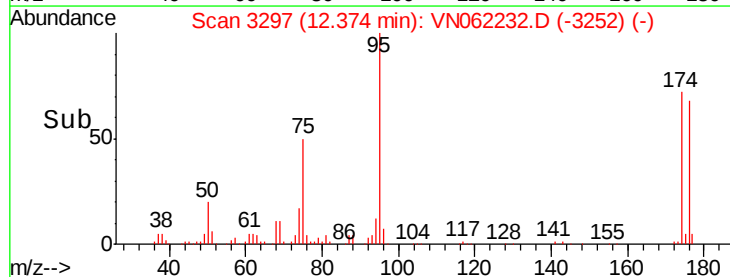
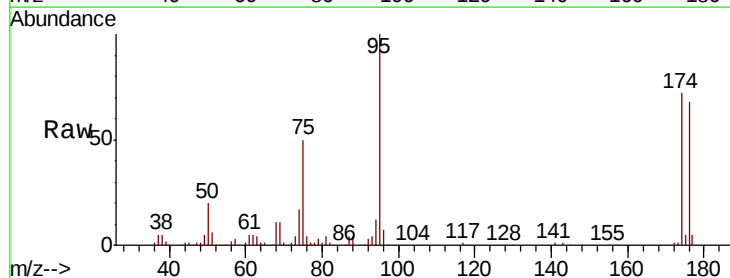
Acq: 30 Jun 2020 11:53

Tgt Ion: 75 Resp: 82270

Ion Ratio Lower Upper

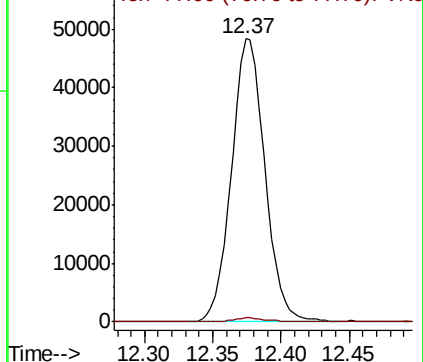
75 100

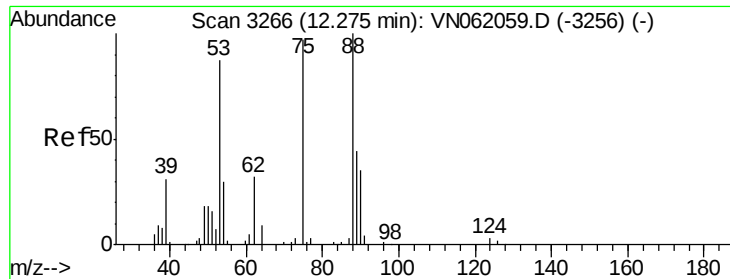
77 1.3 0.0 0.0#



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: 75.637 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBL01

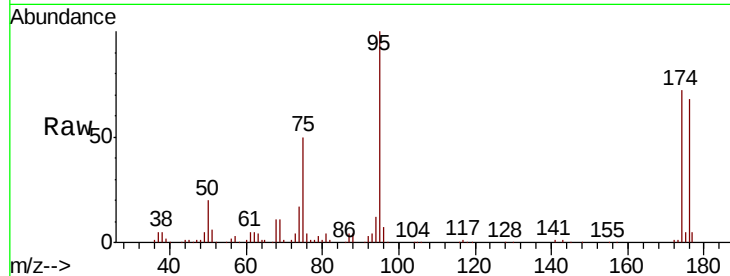
Tot Ion: 75 Resp: 82270

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

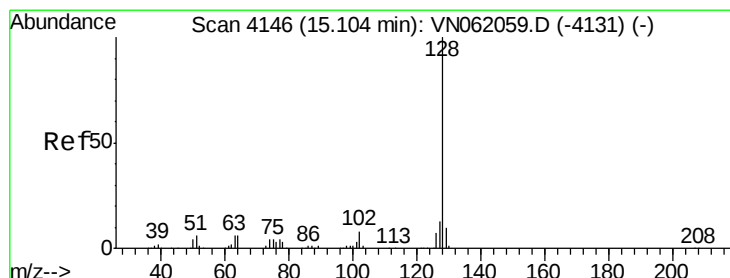
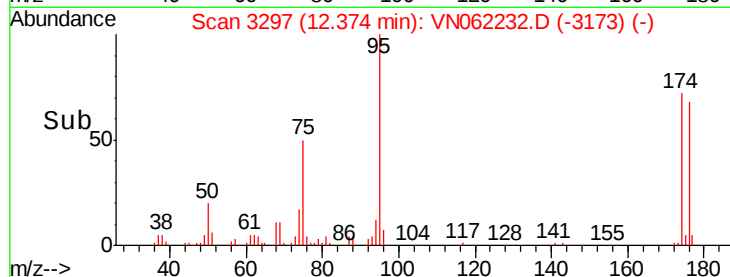
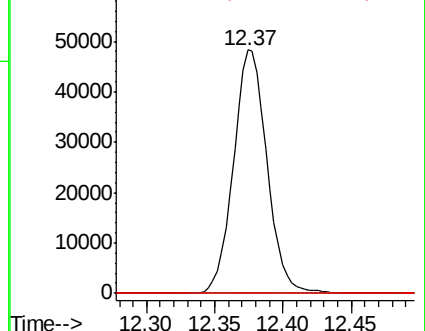
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062059.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062059.D (-3256) (-)



#95

Naphthalene

Concen: 4.169 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062232.D

Acq: 30 Jun 2020 11:53

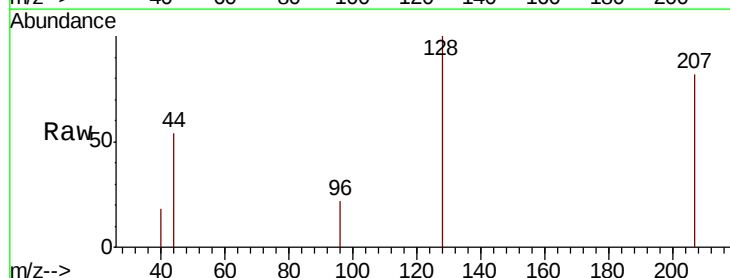
Tgt Ion: 128 Resp: 1214

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062059.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062059.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062059.D (-4131) (-)

