

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062914.D
 Acq On : 13 Aug 2020 16:28
 Operator : JC/MD
 Sample : L3667-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0205

Quant Time: Aug 14 05:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115743	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.55	113	83941	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.06	98	311158	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	112775	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

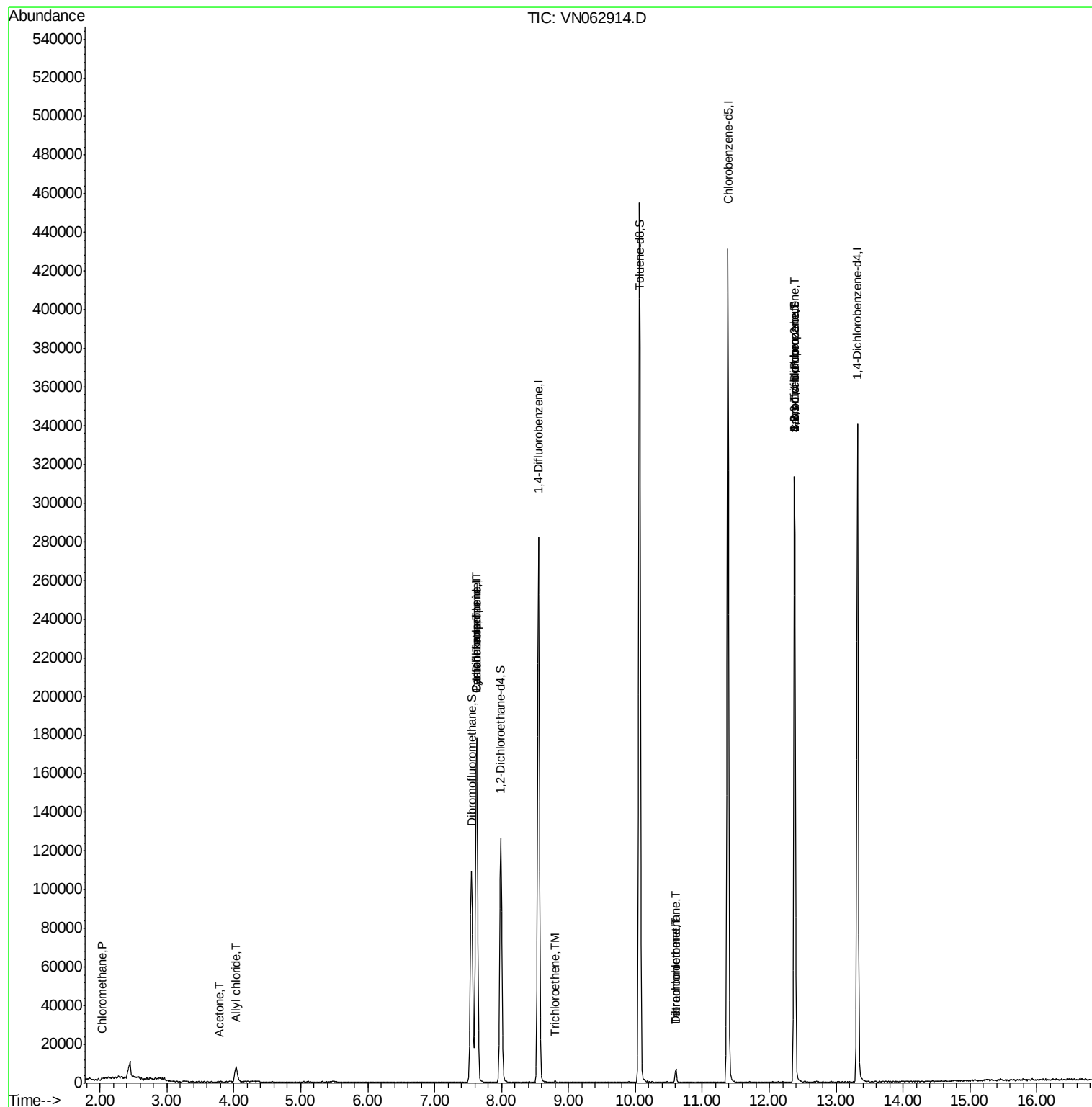
						Qvalue
3) Chloromethane	2.03	50	800	0.428	ug/l #	43
14) Allyl chloride	4.03	41	1352	0.558	ug/l #	65
16) Acetone	3.79	43	934	1.129	ug/l #	45
18) Methyl Acetate	4.30	43	629	Below Cal	#	52
31) Cyclohexane	7.62	56	1461	0.526	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	11480	4.941	ug/l #	47
38) Carbon Tetrachloride	7.63	117	14514	5.282	ug/l #	15
44) Trichloroethene	8.81	130	354	0.210	ug/l	93
60) Dibromochloromethane	10.61	129	1472	0.706	ug/l #	10
64) Tetrachloroethene	10.61	164	1534	0.986	ug/l	93
71) Bromoform	12.38	173	605	0.365	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	61444	25.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61444	78.217	ug/l #	10

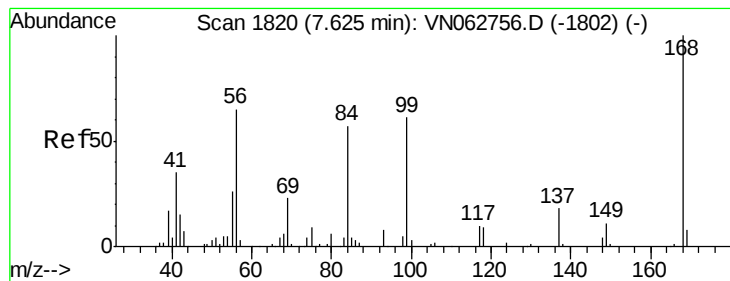
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062914.D
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Quant Time: Aug 14 05:08:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

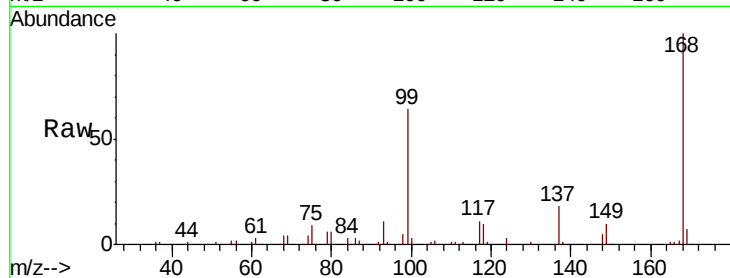
S39-0205

Tot Ion:168 Resp: 138438

Ion Ratio Lower Upper

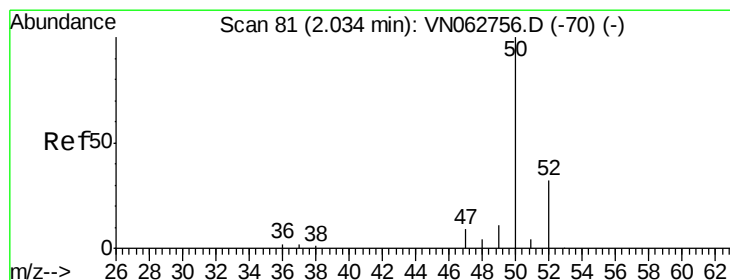
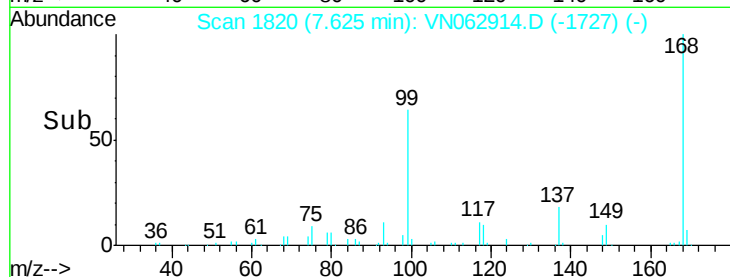
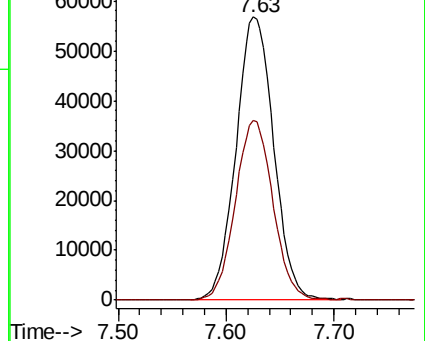
168 100

99 63.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.428 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062914.D

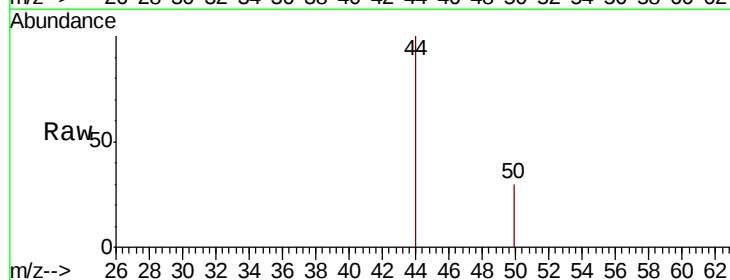
Acq: 13 Aug 2020 16:28

Tgt Ion: 50 Resp: 800

Ion Ratio Lower Upper

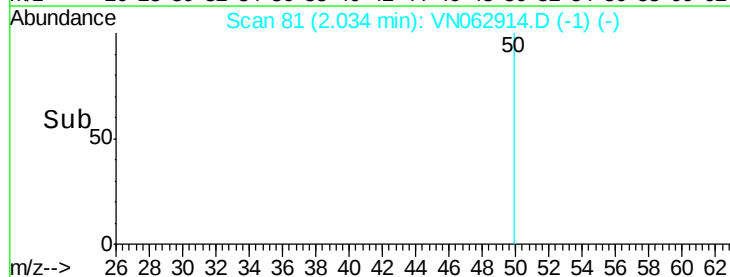
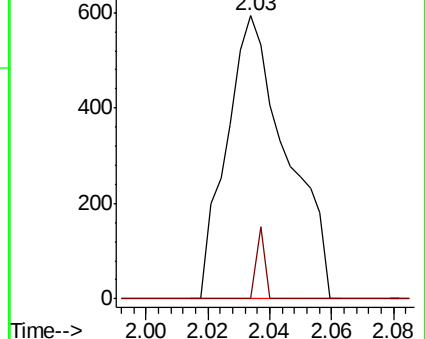
50 100

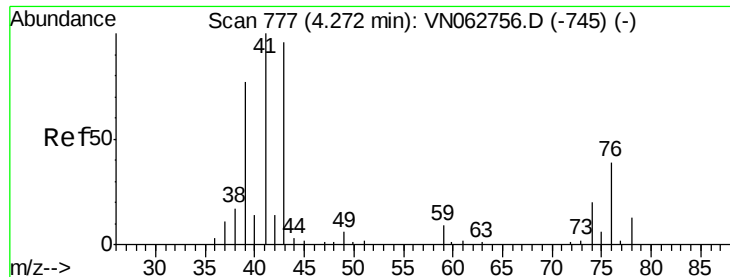
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

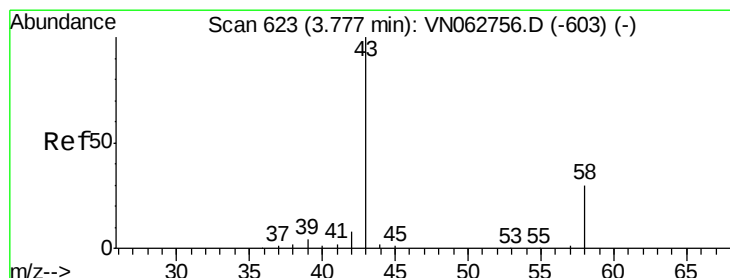
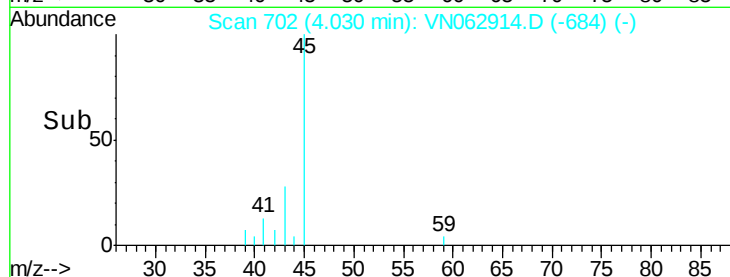
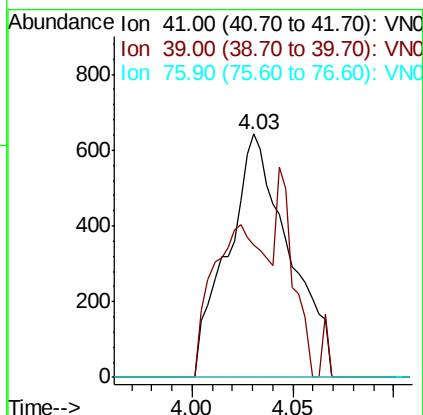
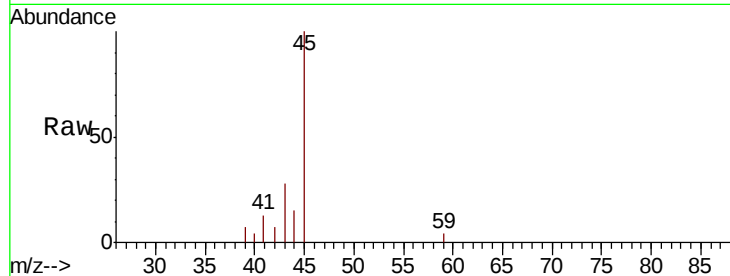




#14
Allvl chloride
Concen: 0.558 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.24 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

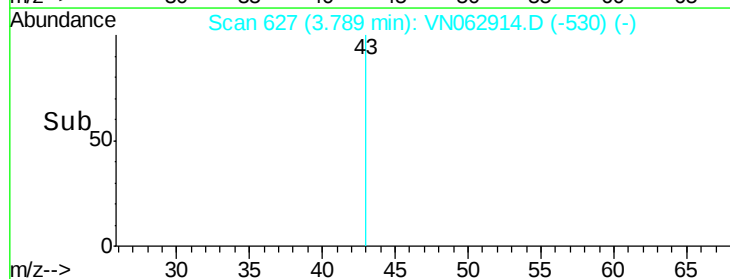
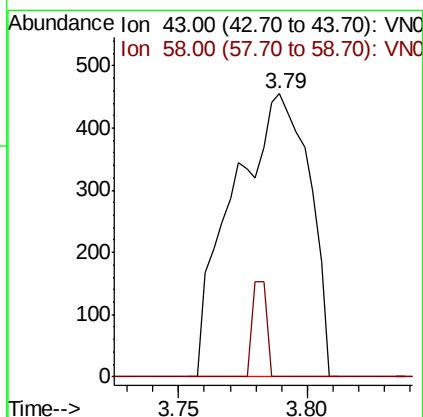
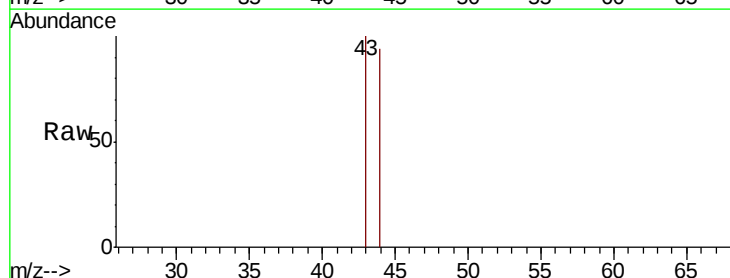
Instrument :
MSVOA_N
ClientSampled :
S39-0205

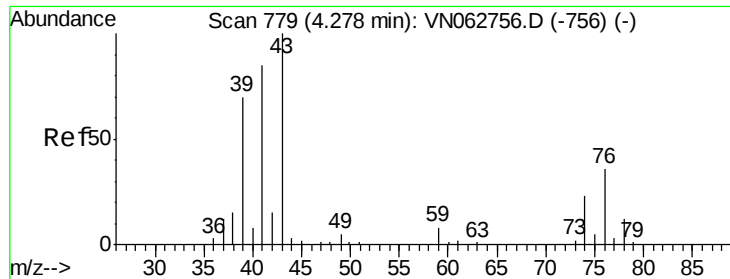
Tot Ion: 41 Resp: 1352
Ion Ratio Lower Upper
41 100
39 50.8 55.7 83.5#
76 0.0 27.5 41.3#



#16
Acetone
Concen: 1.129 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

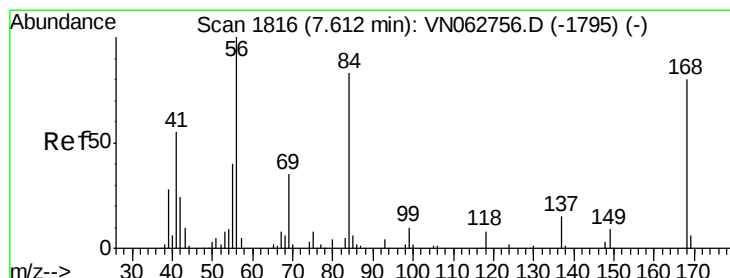
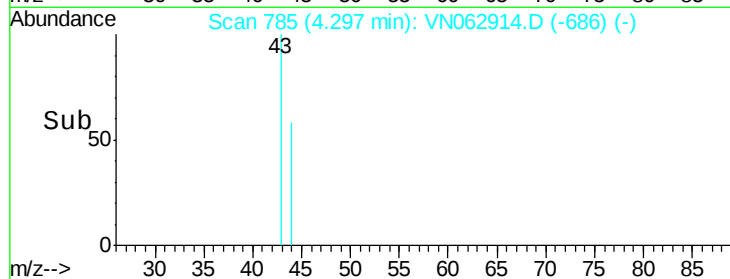
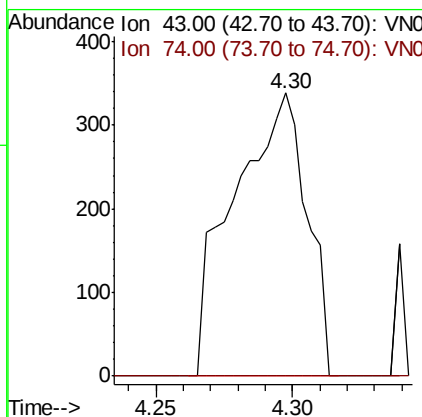
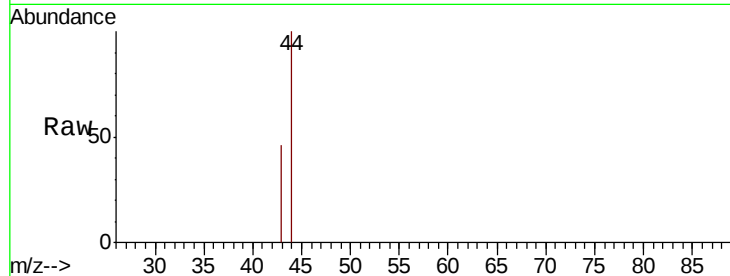




#18
Methvl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

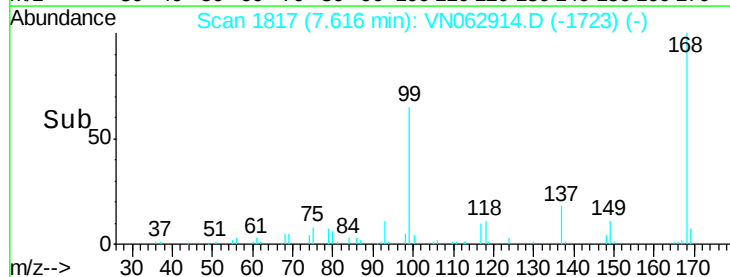
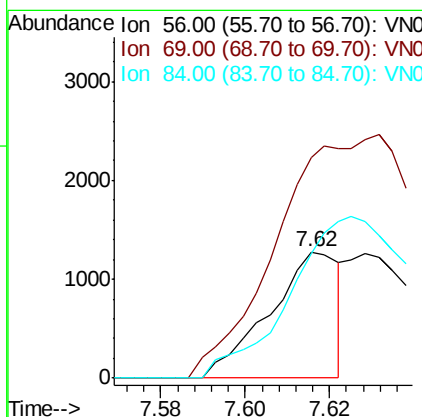
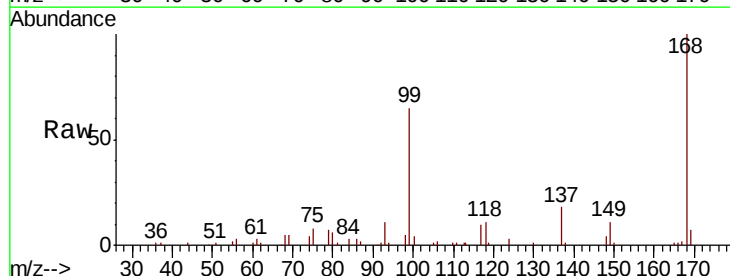
Instrument :
MSVOA_N
ClientSampleId :
S39-0205

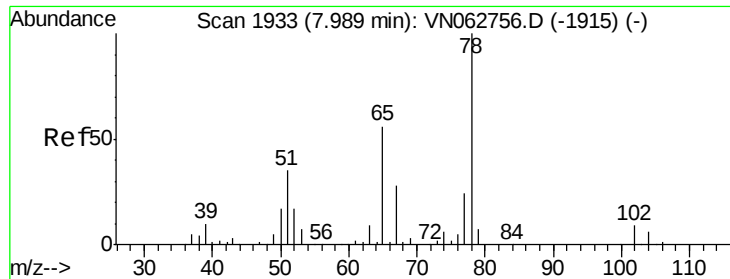
Tot Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 0.526 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

Tgt Ion: 56 Resp: 1461
Ion Ratio Lower Upper
56 100
69 174.5 28.1 42.1#
84 99.3 66.8 100.2





#33

1,2-Dichloroethane-d4

Concen: 50.558 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

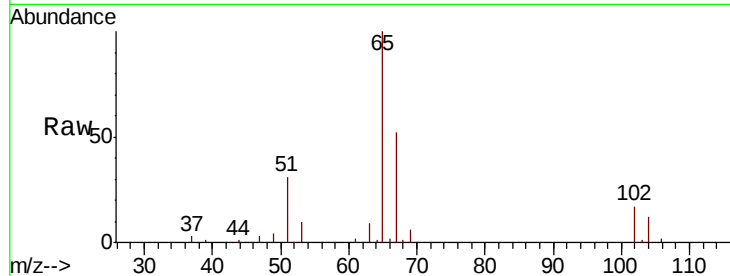
S39-0205

Tot Ion: 65 Resp: 115743

Ion Ratio Lower Upper

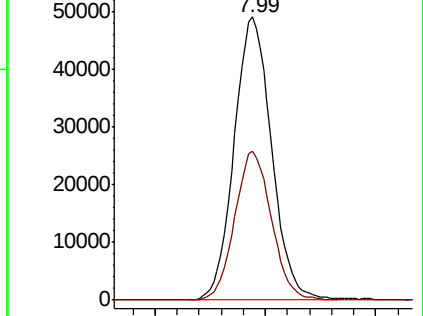
65 100

67 51.4 0.0 101.4

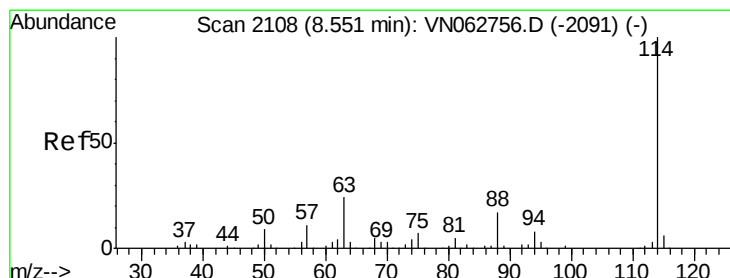
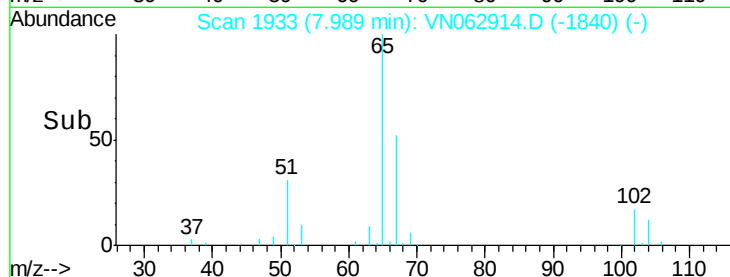


Abundance Ion 64.90 (64.60 to 65.60): VN062914.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062914.D (-1840) (-)



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

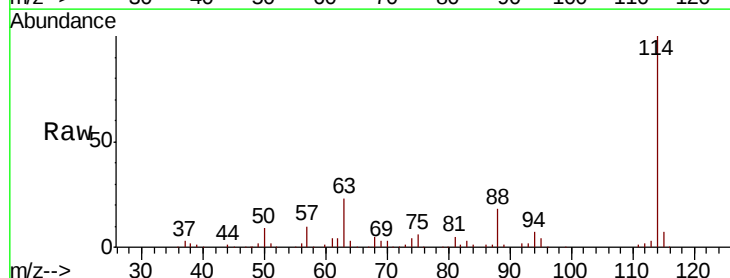
Tgt Ion: 114 Resp: 238623

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.6

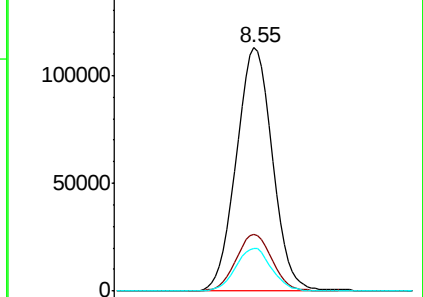
88 17.6 0.0 34.4



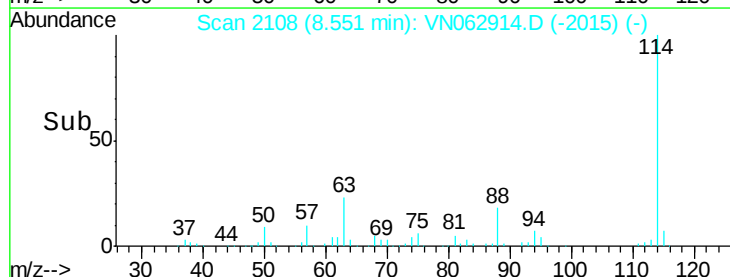
Abundance Ion 113.90 (113.60 to 114.60): VN062914.D (-2015) (-)

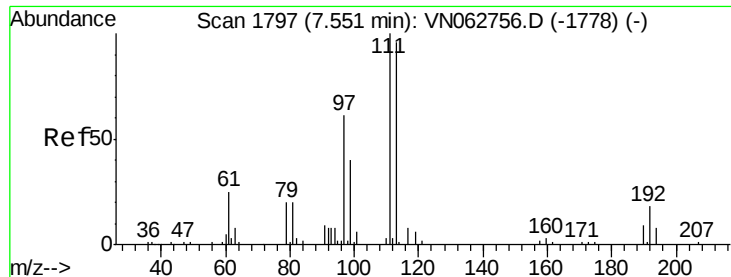
Ion 63.00 (62.70 to 63.70): VN062914.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062914.D (-2015) (-)



Time-->

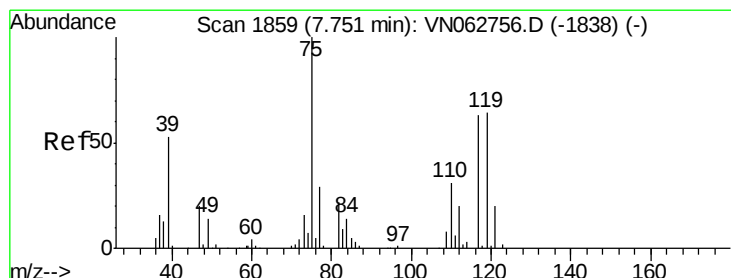
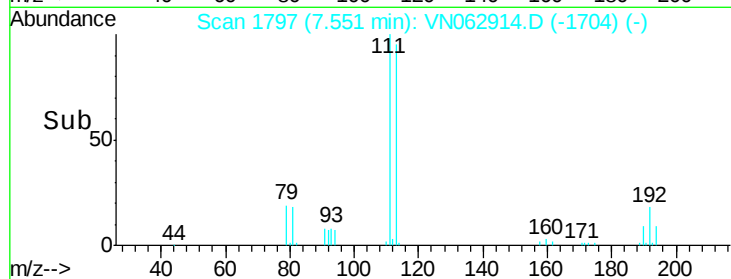
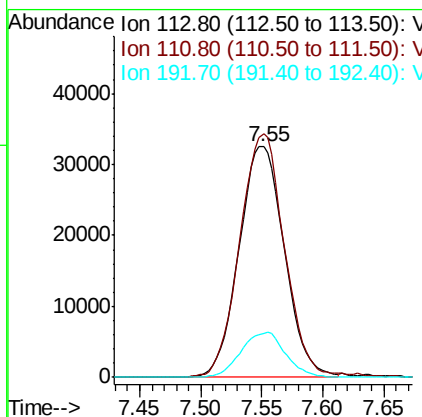
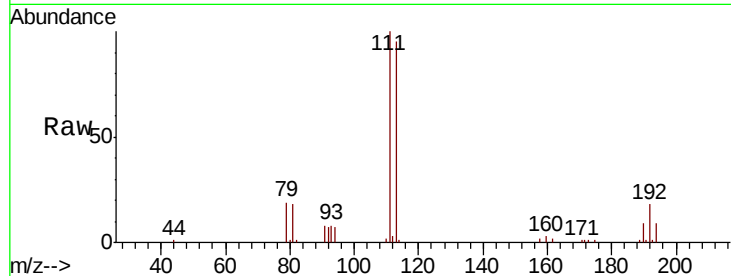




#35
 Dibromofluoromethane
 Concen: 51.424 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062914.D
 Acq: 13 Aug 2020 16:28

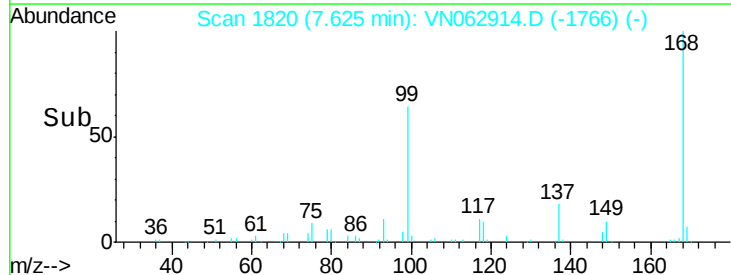
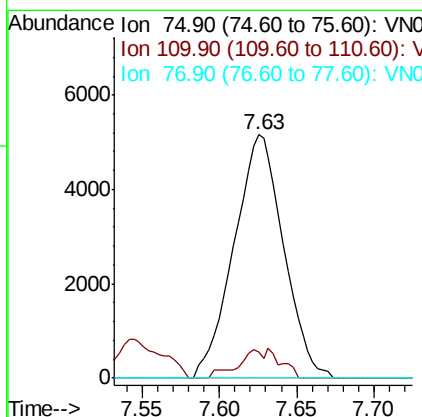
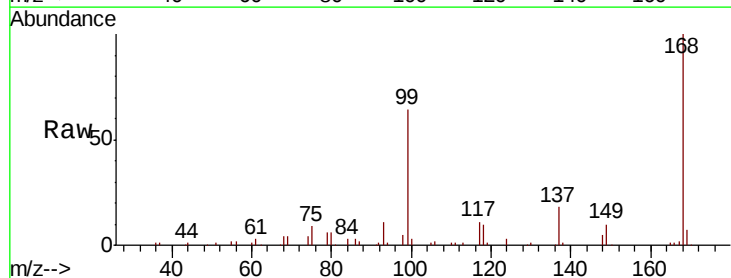
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0205

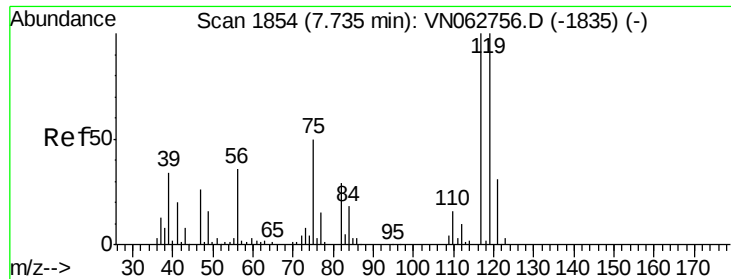
Tot Ion:113 Resp: 83941
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.6
 192 19.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062914.D
 Acq: 13 Aug 2020 16:28

Tgt Ion: 75 Resp: 11480
 Ion Ratio Lower Upper
 75 100
 110 2.9 15.6 46.7#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

S39-0205

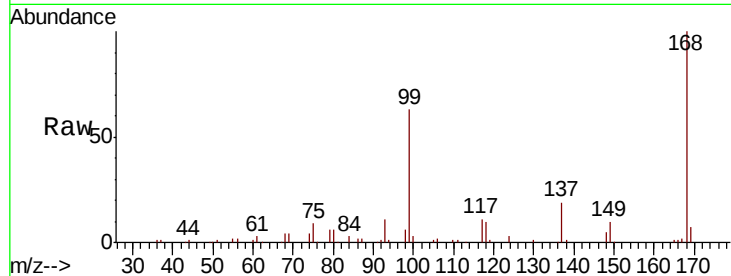
Tot Ion:117 Resp: 14514

Ion Ratio Lower Upper

117 100

119 5.3 79.4 119.2#

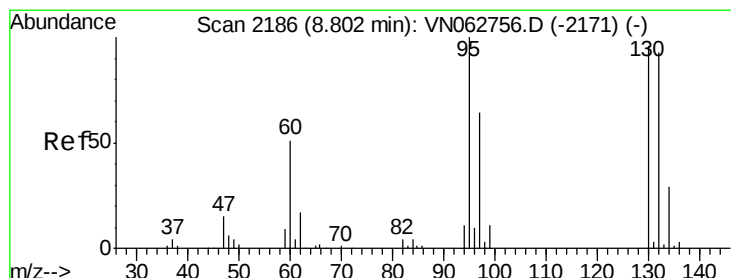
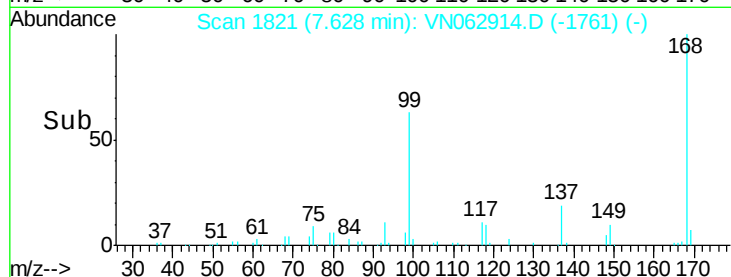
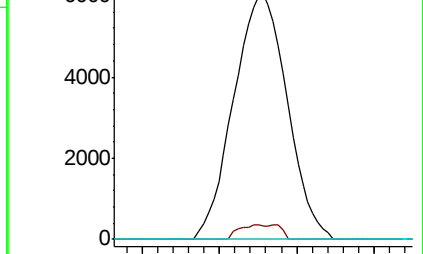
121 0.0 24.9 37.3#



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



#44

Trichloroethene

Concen: 0.210 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN062914.D

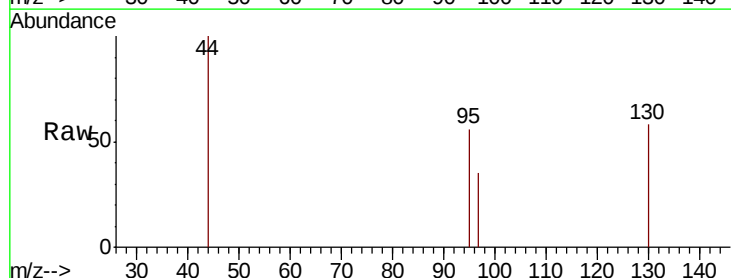
Acq: 13 Aug 2020 16:28

Tgt Ion:130 Resp: 354

Ion Ratio Lower Upper

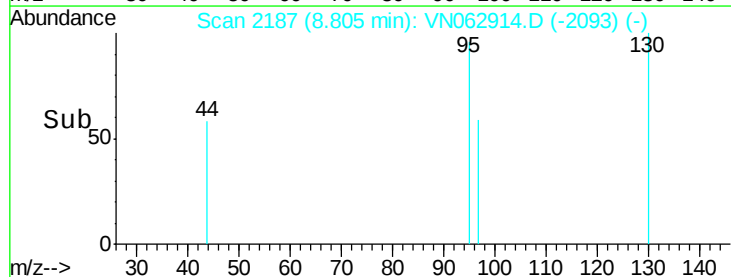
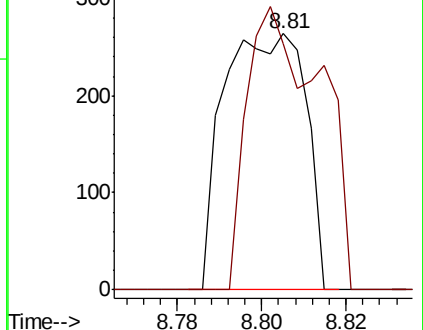
130 100

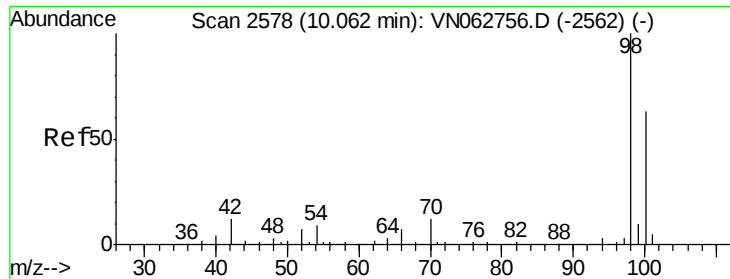
95 96.2 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.827 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

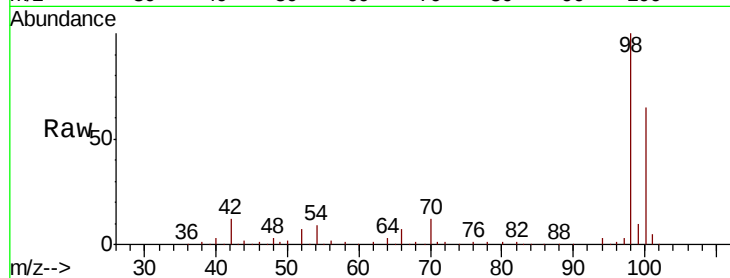
S39-0205

Tot Ion: 98 Resp: 311158

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062914.D (-2485) (-)

10.06

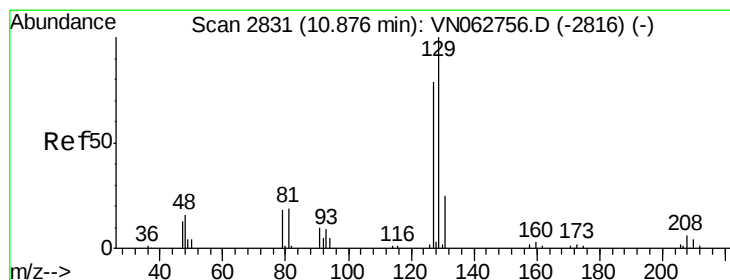
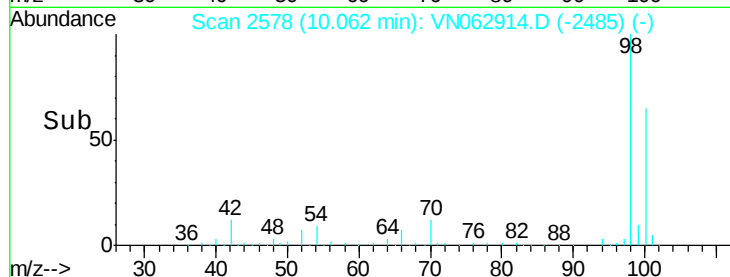
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 0.706 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. -0.27 min

Lab File: VN062914.D

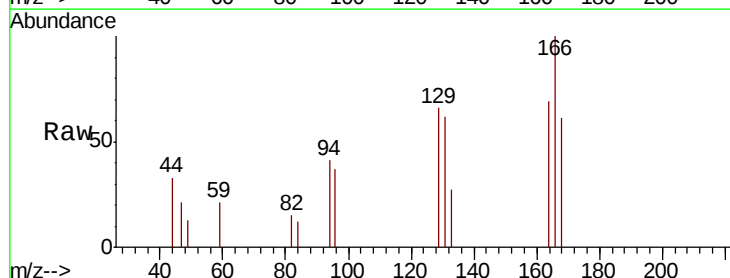
Acq: 13 Aug 2020 16:28

Tgt Ion: 129 Resp: 1472

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VN062756.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN062914.D (-2738) (-)

10.61

1000

800

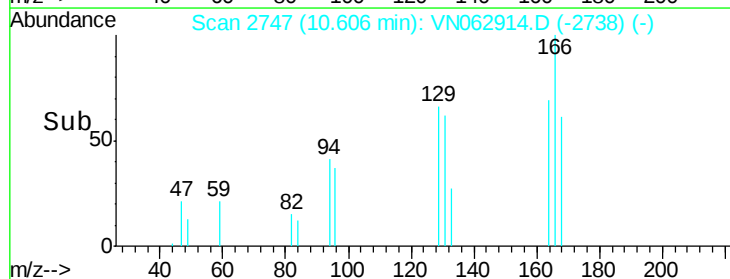
600

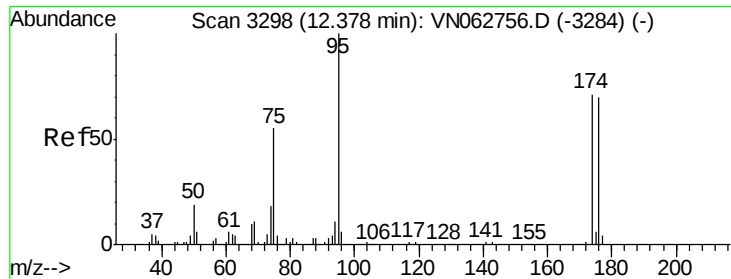
400

200

0

Time-->

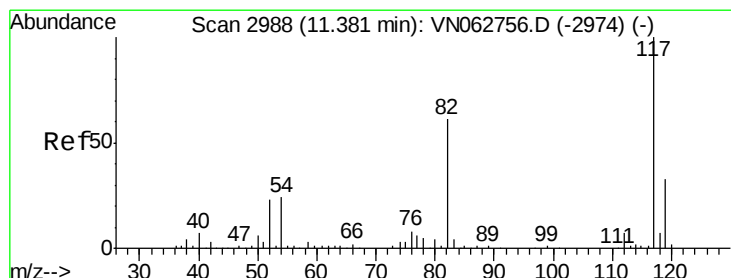
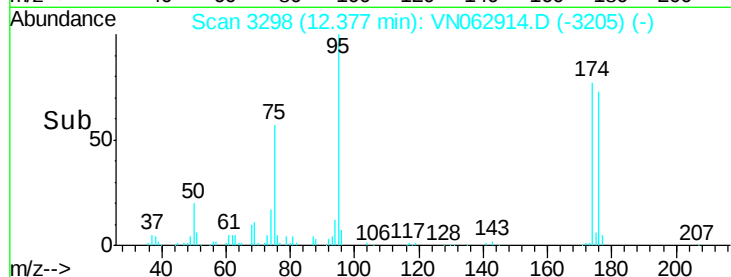
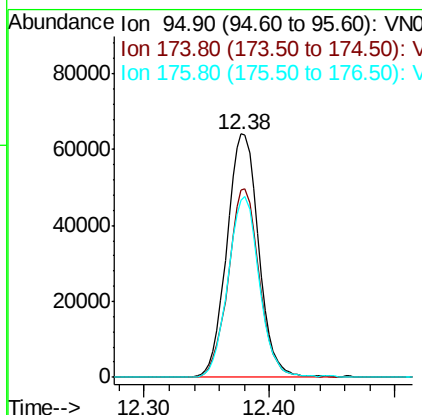
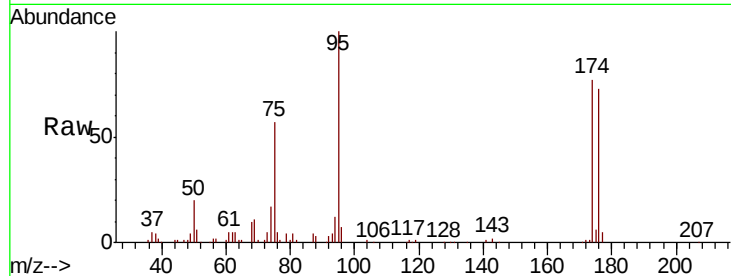




#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

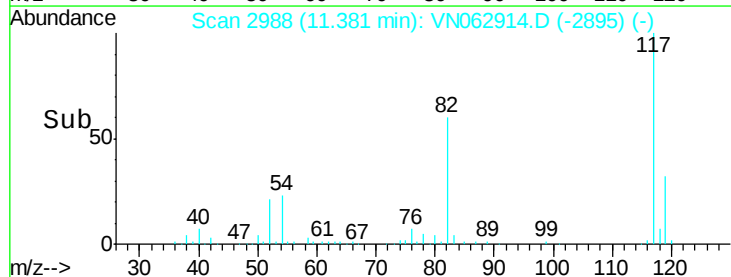
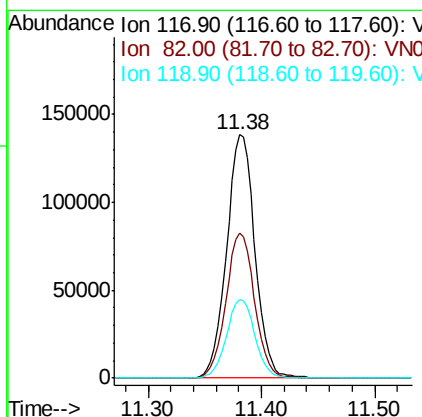
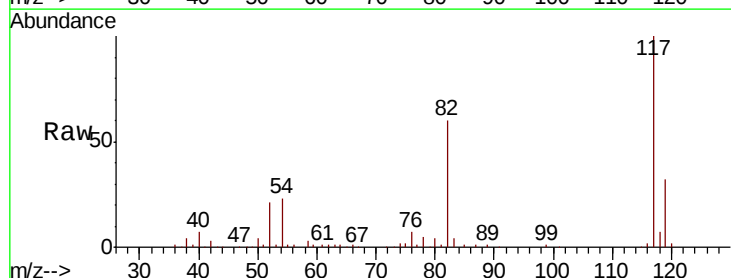
Instrument :
MSVOA_N
ClientSampled :
S39-0205

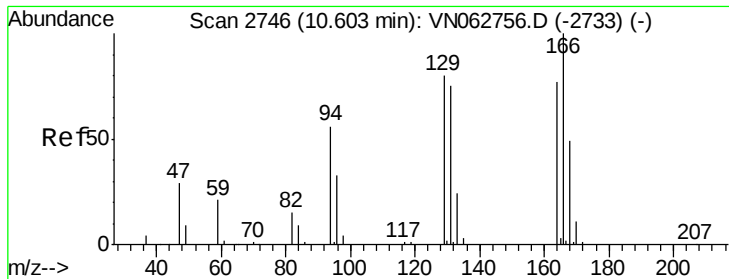
Tot Ion: 95 Resp: 112775
Ion Ratio Lower Upper
95 100
174 75.5 0.0 144.8
176 73.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

Tgt Ion: 117 Resp: 241221
Ion Ratio Lower Upper
117 100
82 59.6 49.0 73.4
119 32.3 26.2 39.2





#64

Tetrachloroethene

Concen: 0.986 ug/l

RT: 10.61 min Scan# 2748

Delta R.T. 0.01 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

S39-0205

Tot Ion:164 Resp: 1534

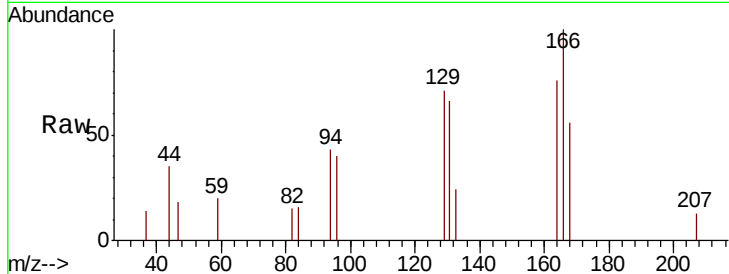
Ion Ratio Lower Upper

164 100

166 130.9 103.8 155.8

129 93.3 82.7 124.1

131 86.4 78.2 117.2



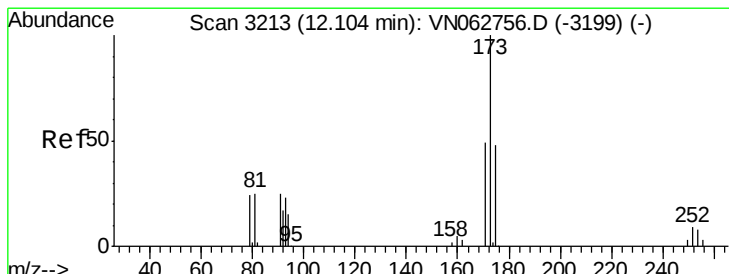
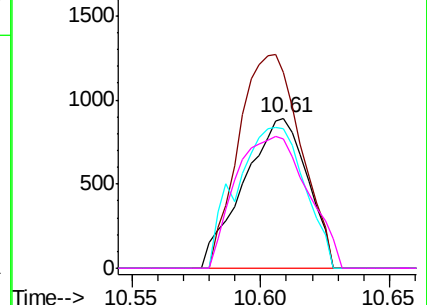
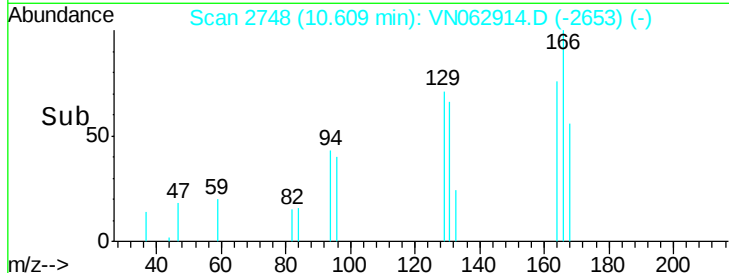
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.365 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.27 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

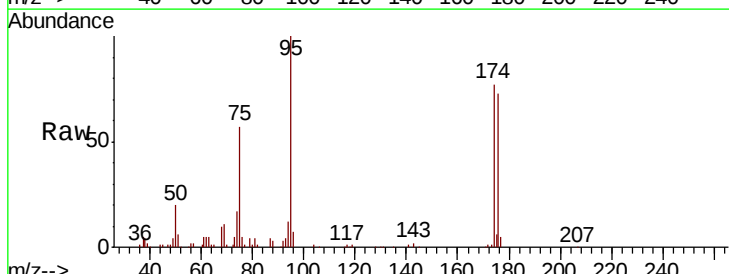
Tgt Ion:173 Resp: 605

Ion Ratio Lower Upper

173 100

175 903.3 24.0 72.0#

254 0.0 0.0 0.0

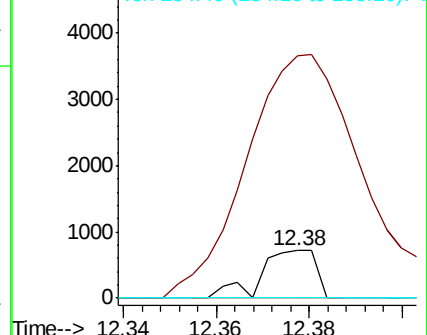
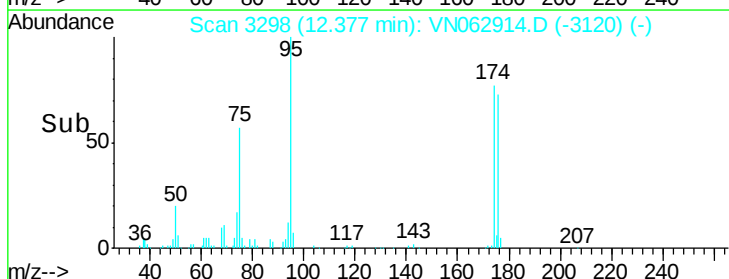


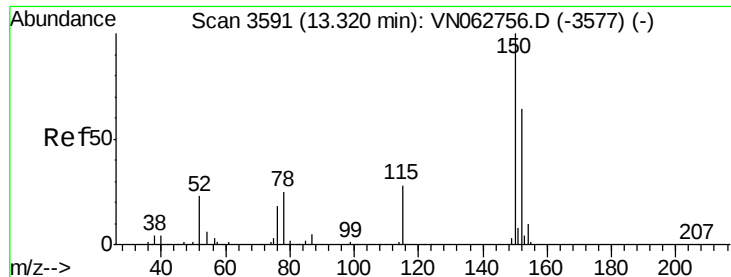
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

S39-0205

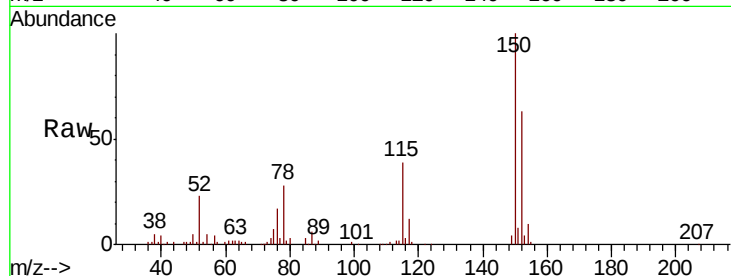
Tot Ion:152 Resp: 88921

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

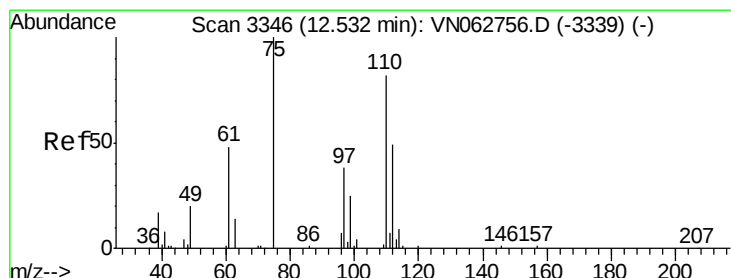
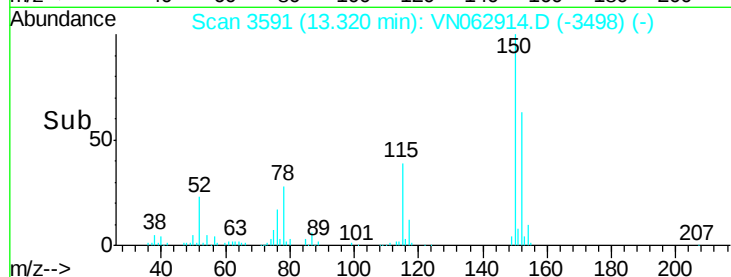
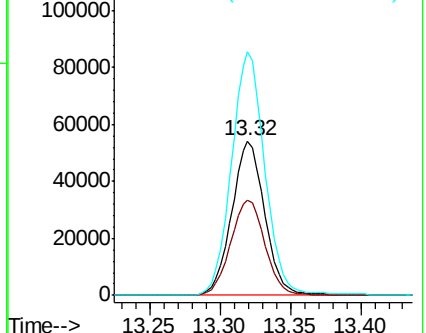
150 159.3 0.0 349.2



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: 25.622 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062914.D

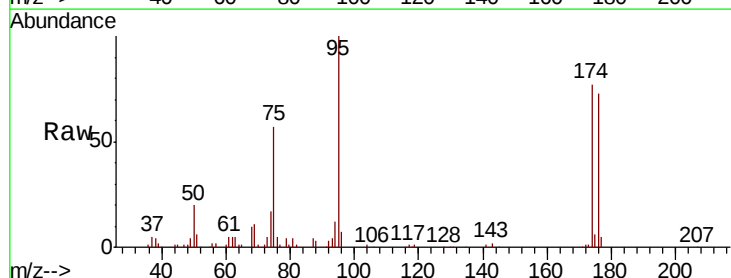
Acq: 13 Aug 2020 16:28

Tgt Ion: 75 Resp: 61444

Ion Ratio Lower Upper

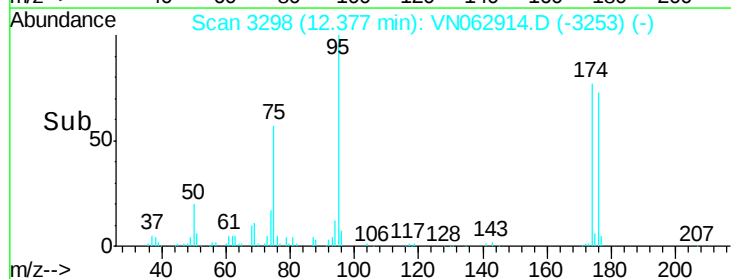
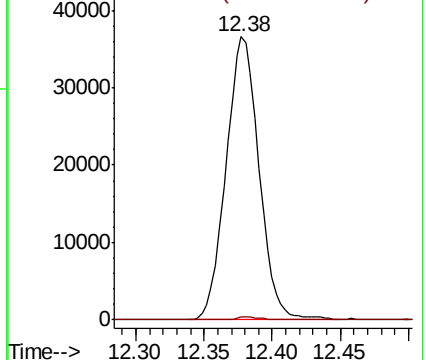
75 100

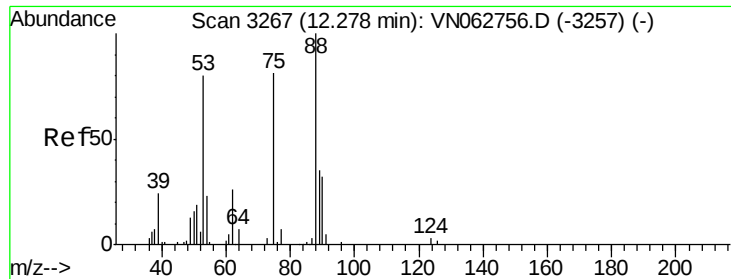
77 0.6 0.0 0.0#



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: 78.217 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

S39-0205

Tot Ion: 75 Resp: 61444

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.0 36.2 54.2#

