

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063999.D
 Acq On : 8 Oct 2020 18:29
 Operator : JC/MD
 Sample : L4255-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-456S-20200928

Quant Time: Oct 09 04:05:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	228607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	437638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168055	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	199194	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	7.55	113	145750	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	536841	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.38	95	203319	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

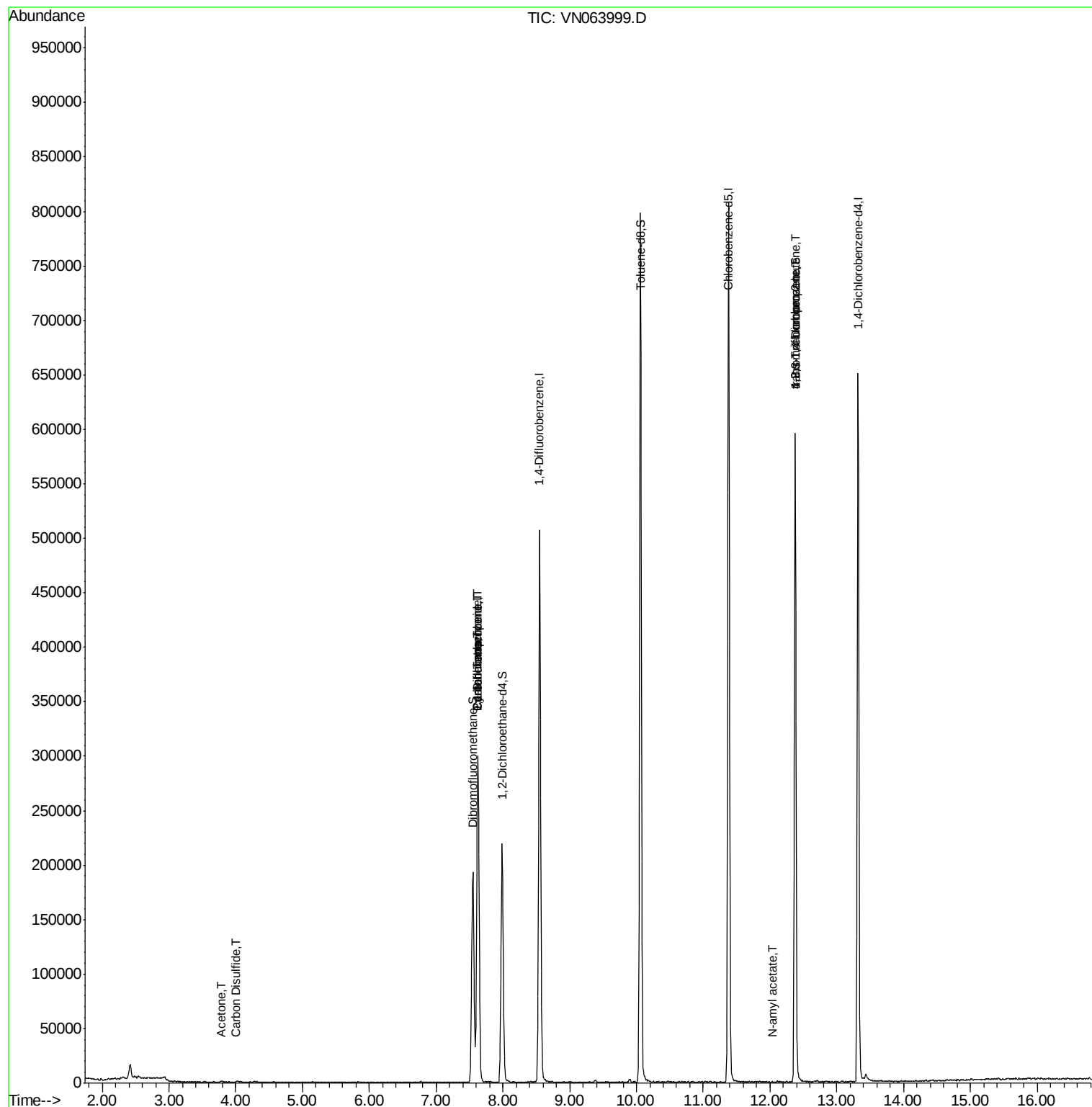
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	622	0.535	ug/l #	47
17) Carbon Disulfide	4.01	76	299	0.748	ug/l #	76
31) Cyclohexane	7.63	56	5925	1.351	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	20094	4.698	ug/l #	50
38) Carbon Tetrachloride	7.63	117	24606	5.130	ug/l #	17
74) N-amyl acetate	12.03	43	218	2.252	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	110433	29.810	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	110433	85.857	ug/l #	6

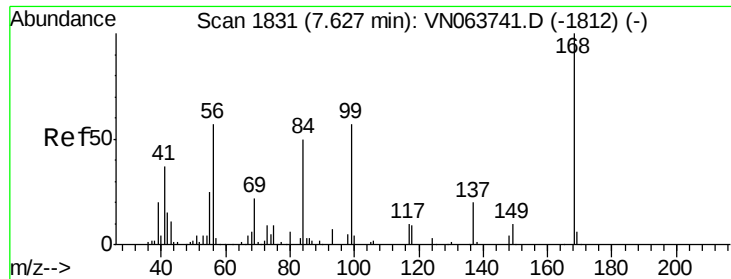
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN063999.D
Acq On : 8 Oct 2020 18:29
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Misc : 5.00mL/MSVOA N/WATER
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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

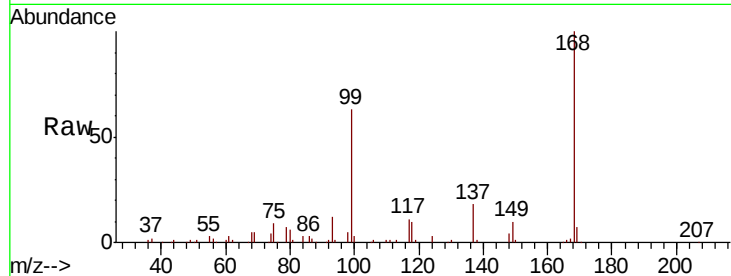
FT-PZ-456S-20200928

Tot Ion:168 Resp: 228607

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063999.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063999.D (-1738) (-)

7.63

100000

80000

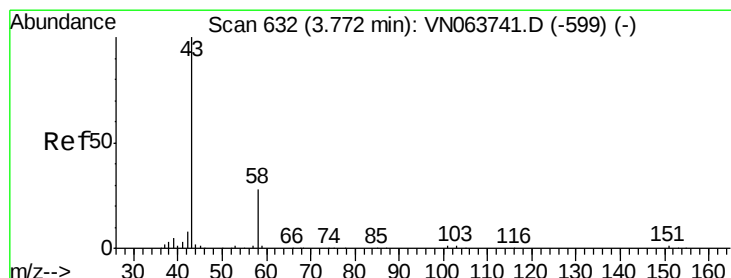
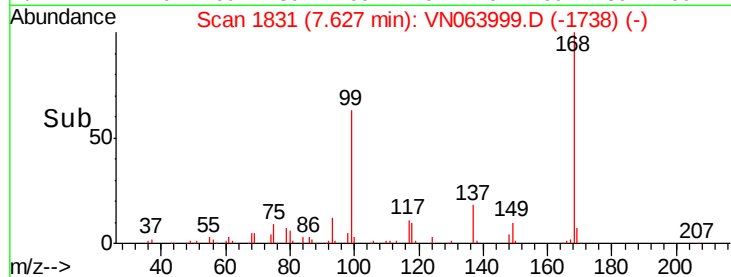
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.535 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063999.D

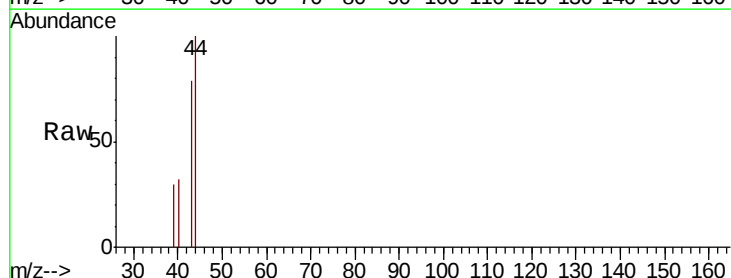
Acq: 8 Oct 2020 18:29

Tgt Ion: 43 Resp: 622

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063999.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063999.D (-539) (-)

3.77

600

500

400

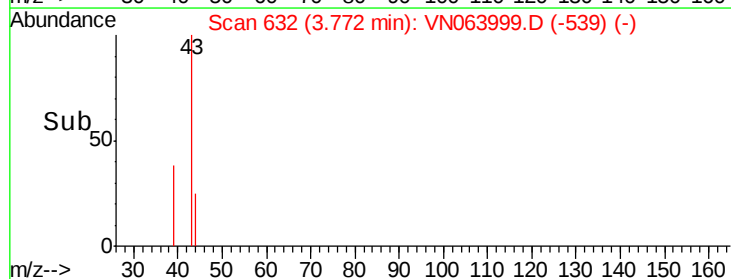
300

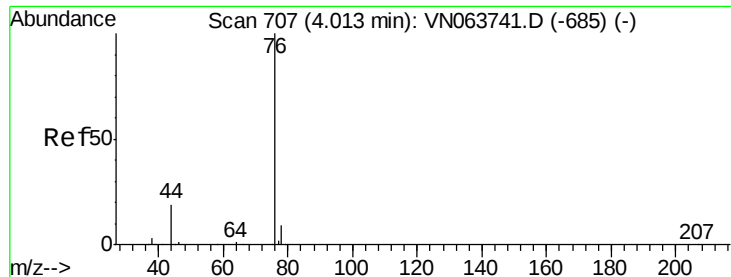
200

100

0

Time--> 3.74 3.76 3.78

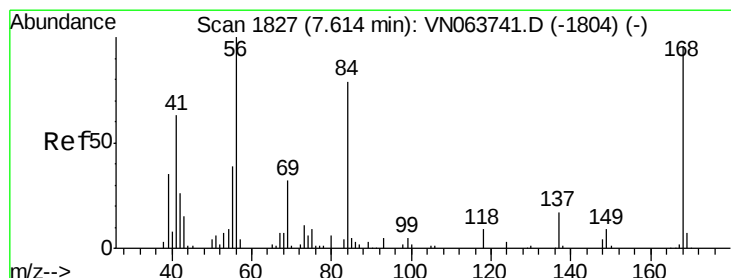
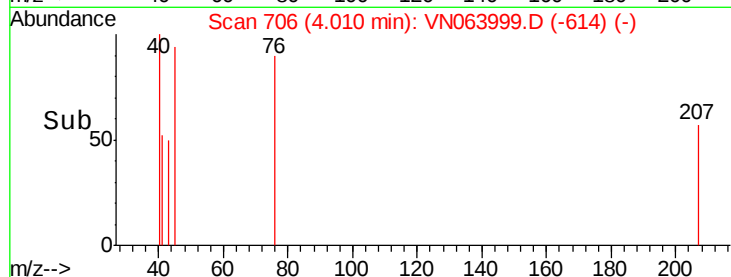
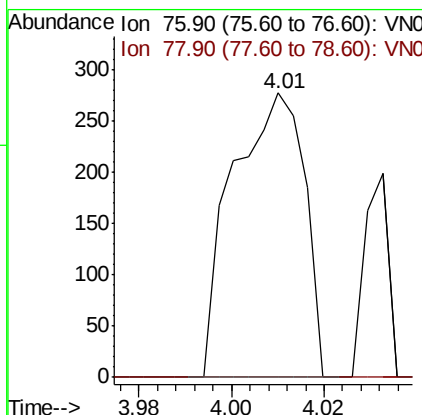
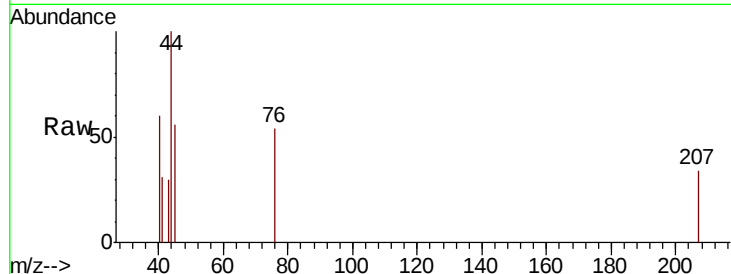




#17
Carbon Disulfide
Concen: 0.748 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

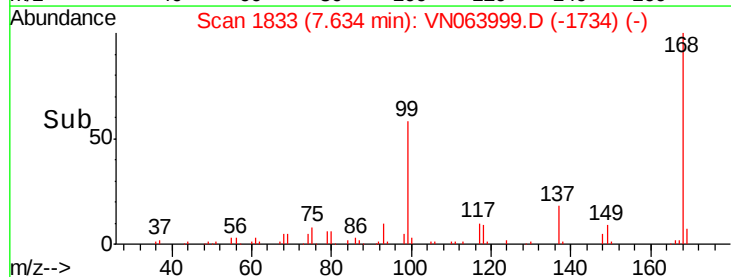
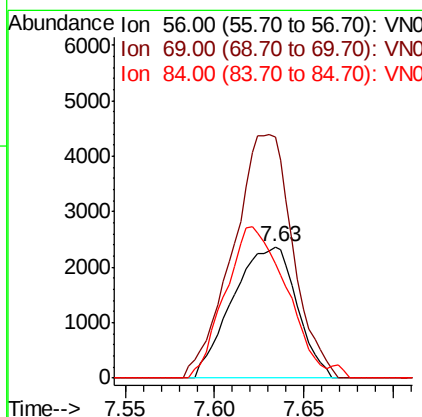
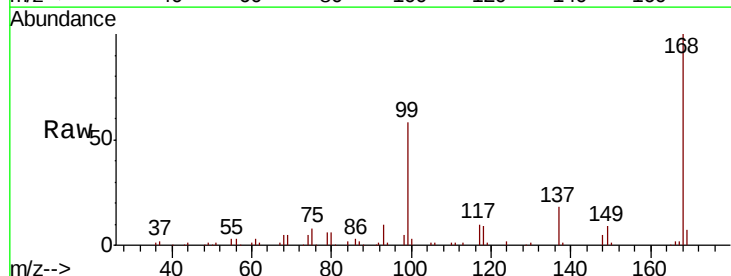
Instrument :
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FT-PZ-456S-20200928

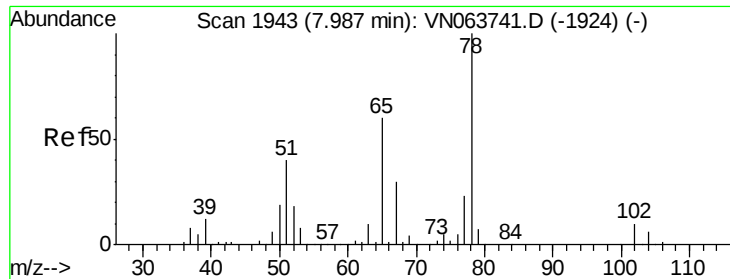
Tot Ion: 76 Resp: 299
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.63 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

Tgt Ion: 56 Resp: 5925
Ion Ratio Lower Upper
56 100
69 183.2 25.4 38.2#
84 87.3 63.3 94.9

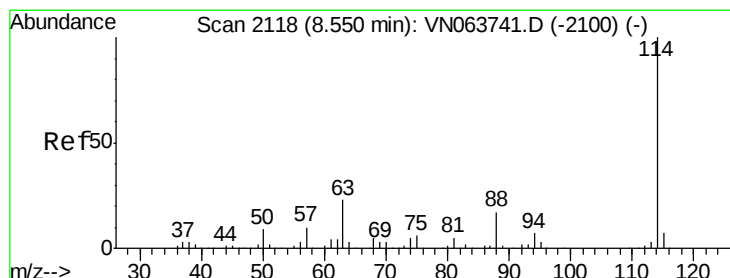
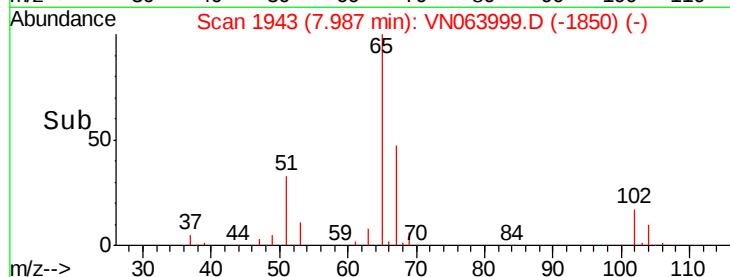
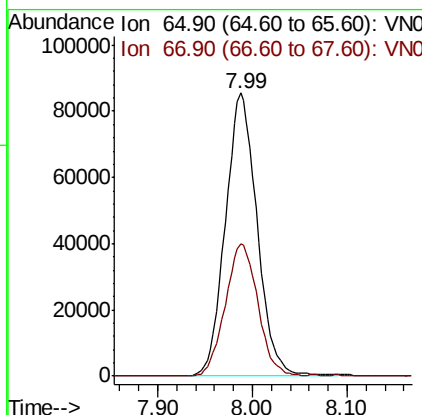
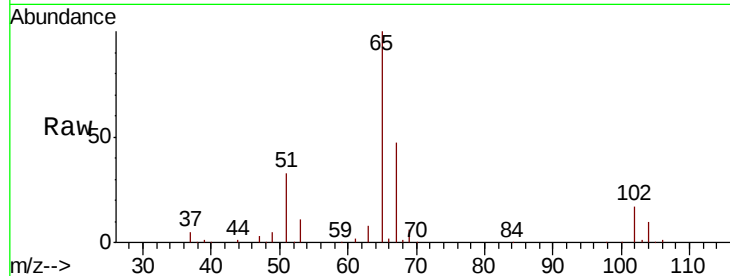




#33
 1,2-Dichloroethane-d4
 Concen: 52.742 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063999.D
 Acq: 8 Oct 2020 18:29

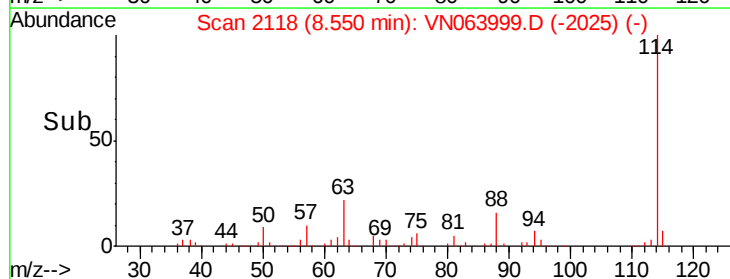
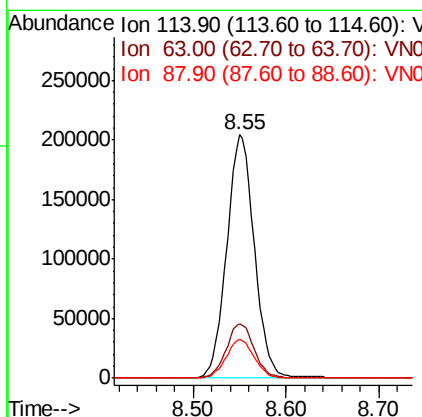
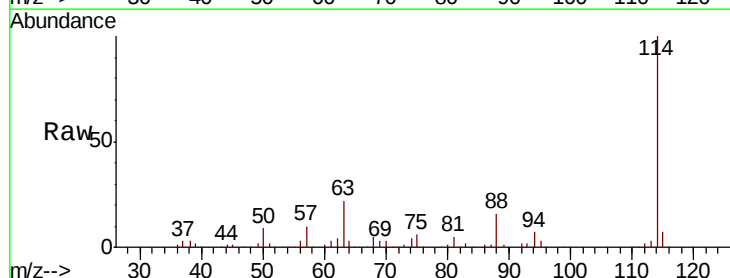
Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-456S-20200928

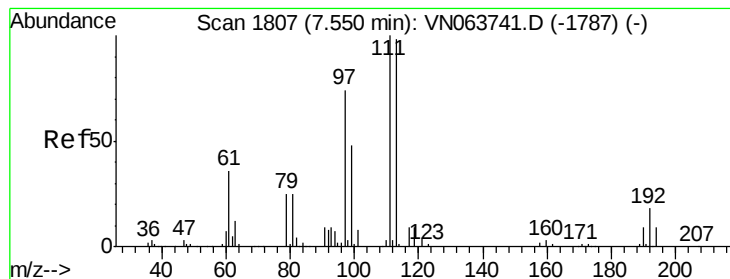
Tot Ion: 65 Resp: 199194
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063999.D
 Acq: 8 Oct 2020 18:29

Tgt Ion: 114 Resp: 422225
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 16.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.749 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456S-20200928

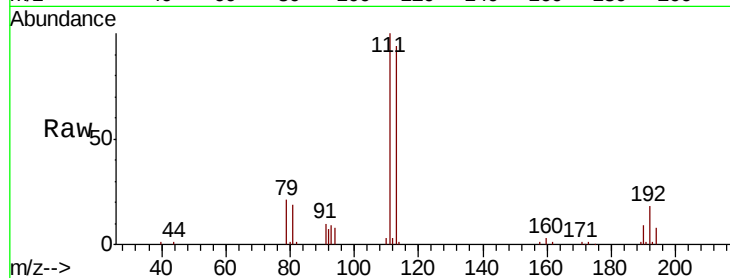
Tot Ion:113 Resp: 145750

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

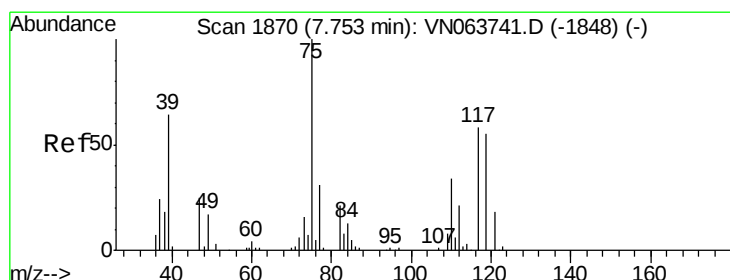
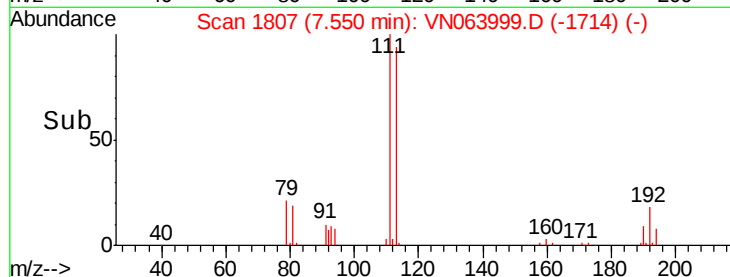
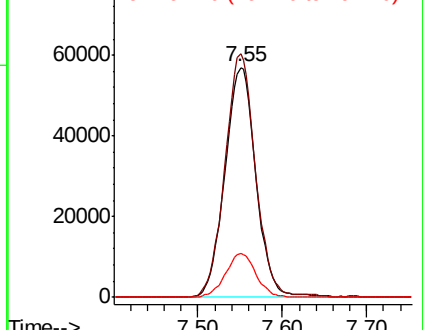
192 18.6 14.2 21.2



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: 4.698 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

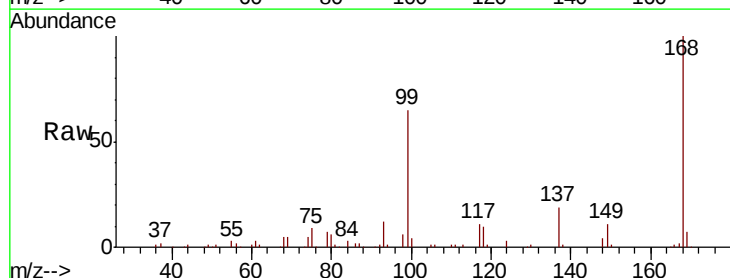
Tgt Ion: 75 Resp: 20094

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.6#

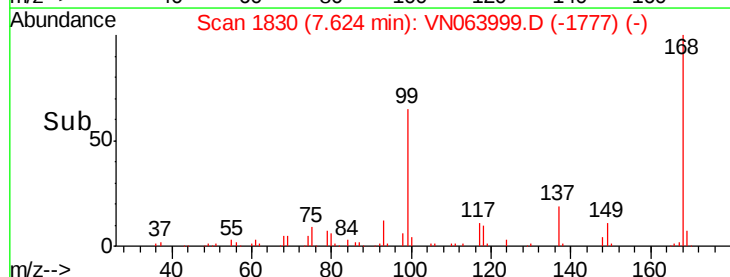
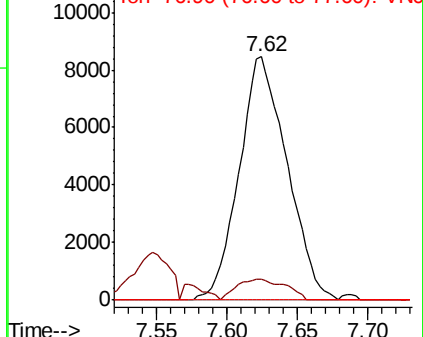
77 0.0 24.5 36.7#

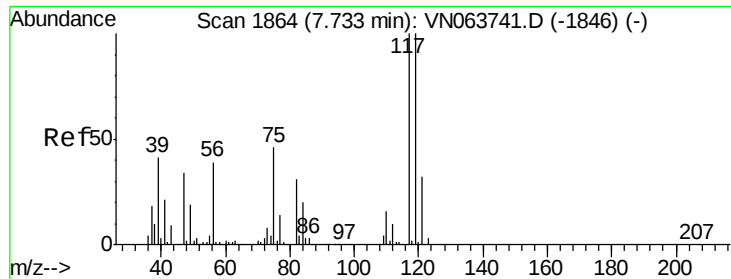


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

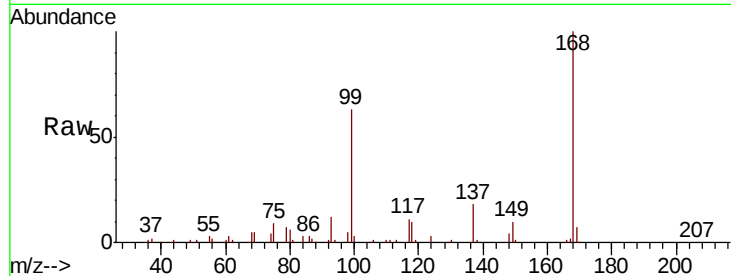




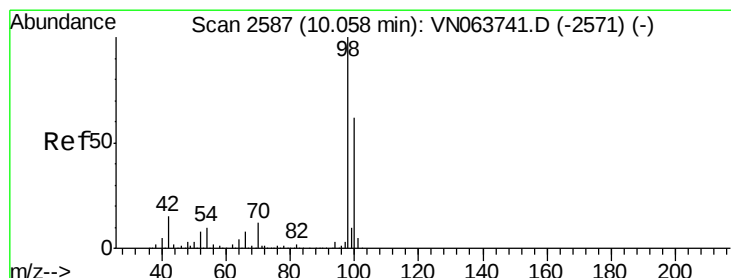
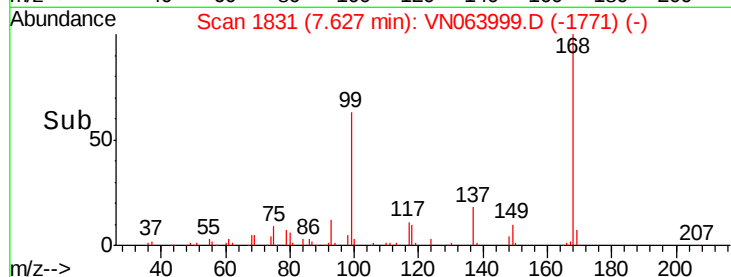
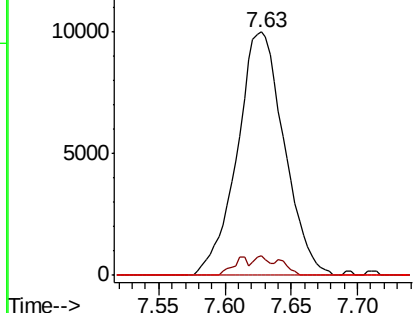
#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ-456S-20200928

Tot Ion:117 Resp: 24606
Ion Ratio Lower Upper
117 100
119 8.2 80.1 120.1#
121 0.0 25.7 38.5#

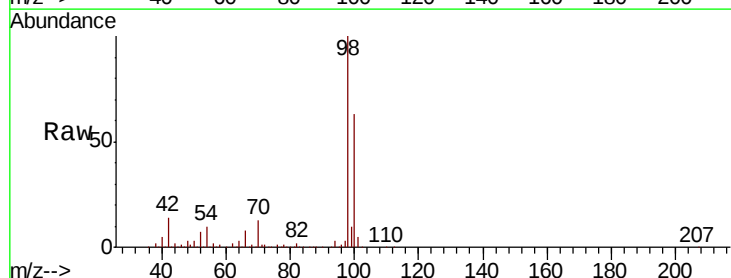


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

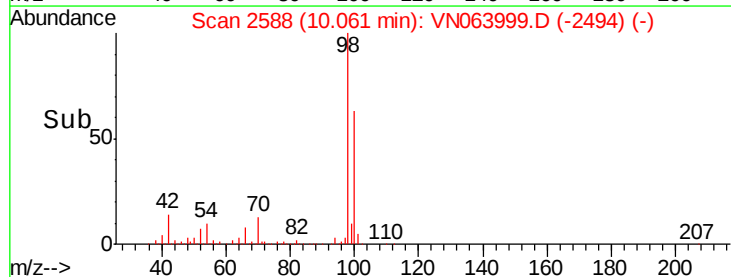
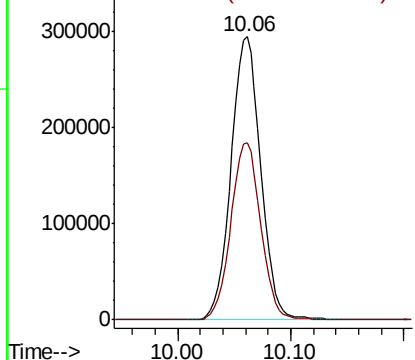


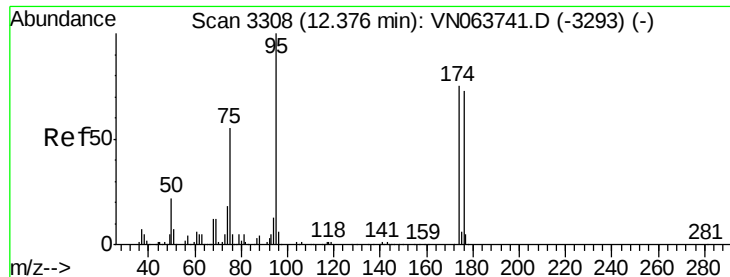
#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

Tgt Ion: 98 Resp: 536841
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.6



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

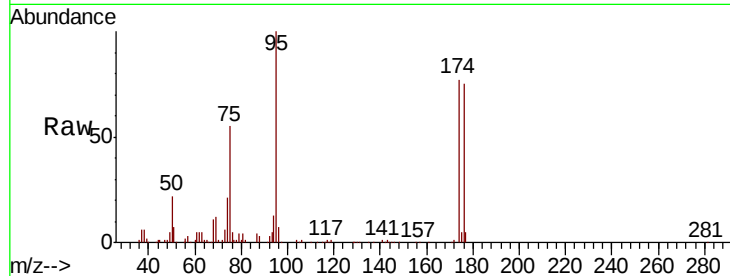




#62
4-Bromofluorobenzene
Concen: 48.700 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ-456S-20200928

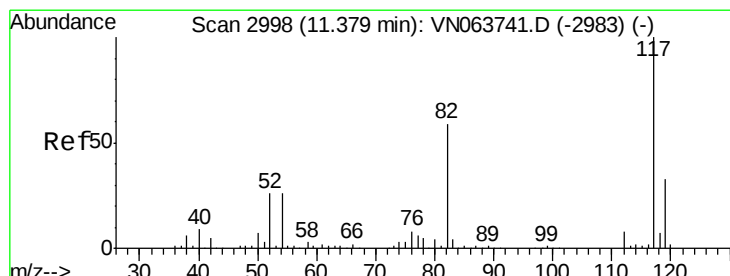
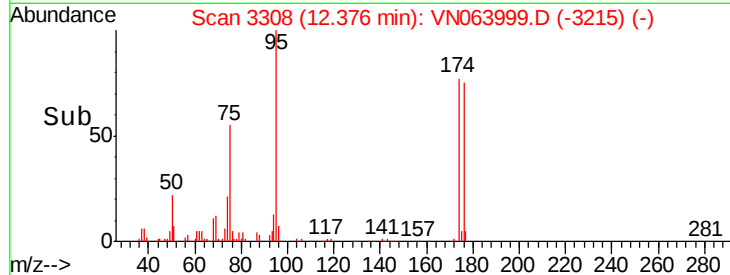
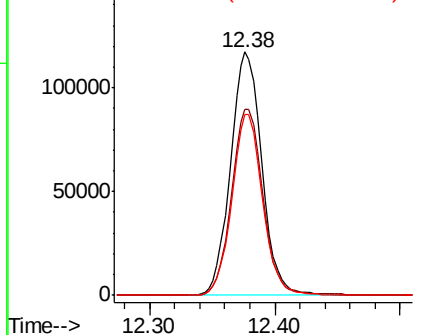
Tot Ion	95	Resp	203319
Ion Ratio	Lower	Upper	
95	100		
174	76.9	0.0	150.6
176	73.1	0.0	145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063999.D (-3215) (-)

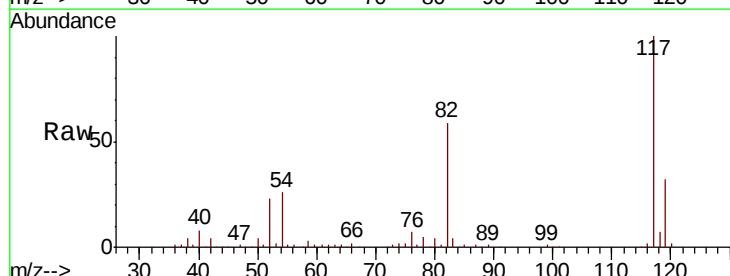
Ion 173.80 (173.50 to 174.50): VN063999.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063999.D (-3215) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063999.D
Acq: 8 Oct 2020 18:29

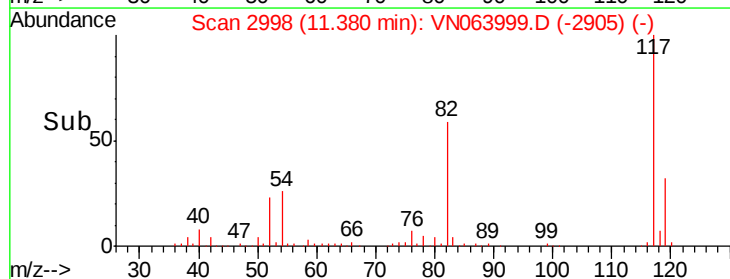
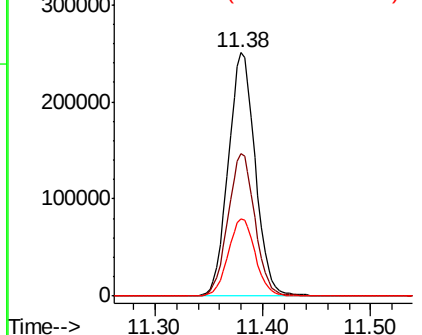
Tgt Ion	117	Resp	437638
Ion Ratio	Lower	Upper	
117	100		
82	58.8	47.4	71.2
119	31.5	26.4	39.6

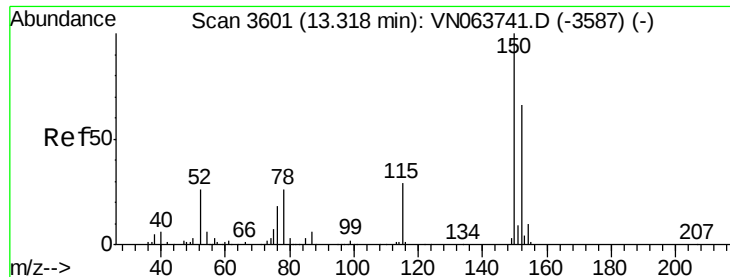


Abundance Ion 116.90 (116.60 to 117.60): VN063999.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063999.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063999.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456S-20200928

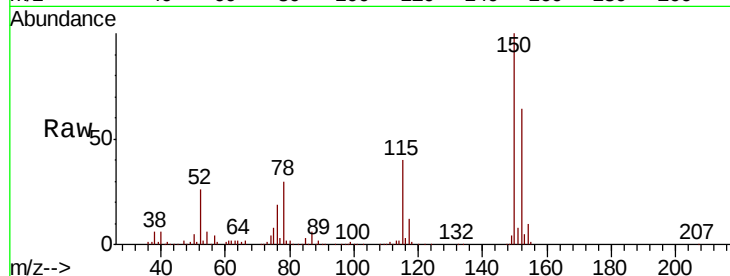
Tot Ion:152 Resp: 168055

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

150 155.9 0.0 341.8

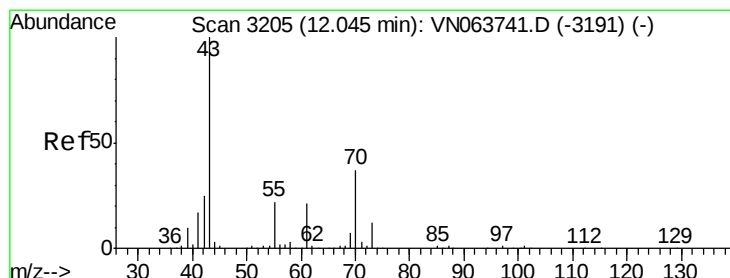
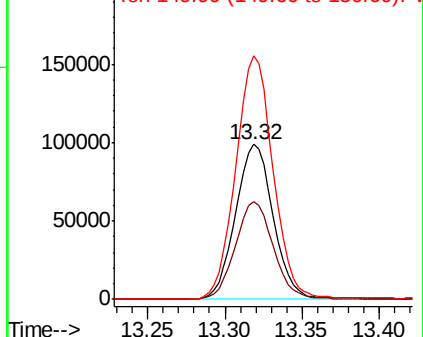
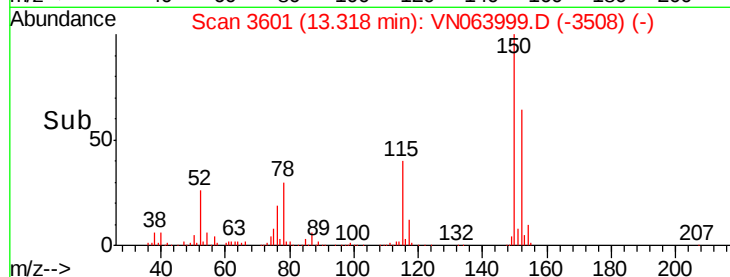


Abundance

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: 2.252 ug/l

RT: 12.03 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Tgt Ion: 43 Resp: 218

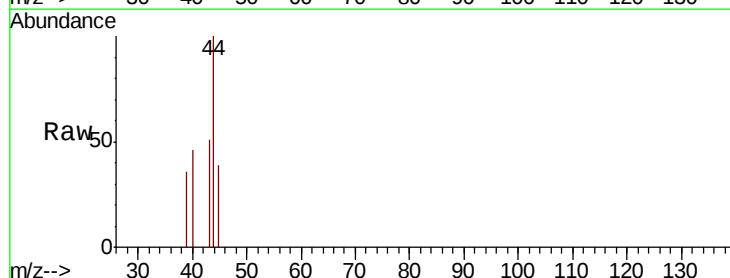
Ion Ratio Lower Upper

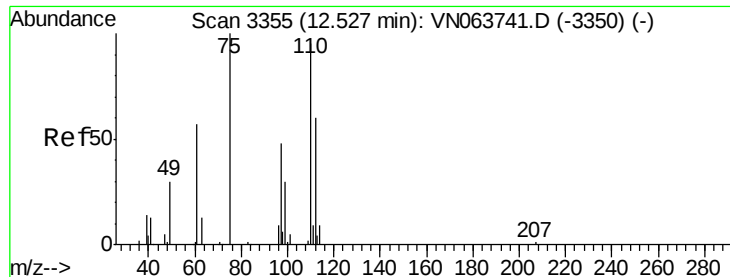
43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#





#76

1,2,3-Trichloropropane

Concen: 29.810 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

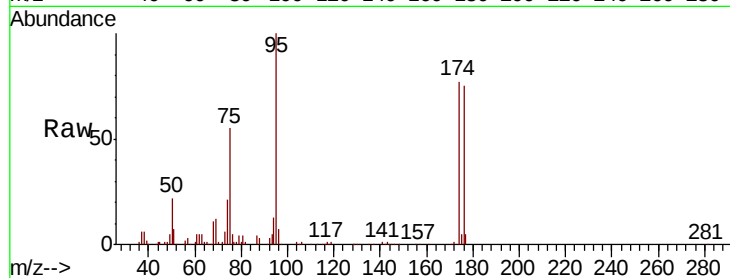
FT-PZ-456S-20200928

Tot Ion: 75 Resp: 110433

Ion Ratio Lower Upper

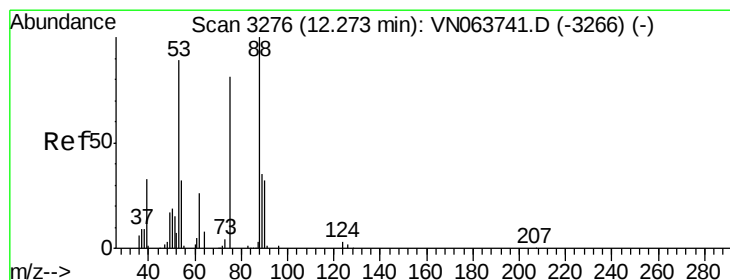
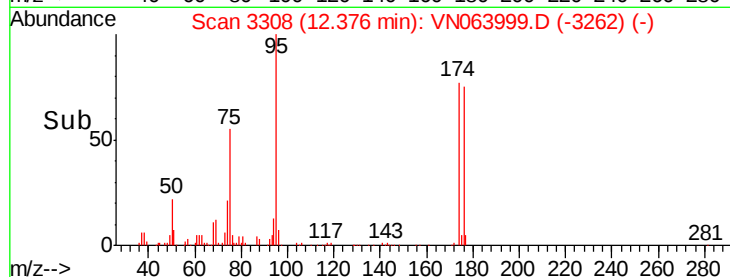
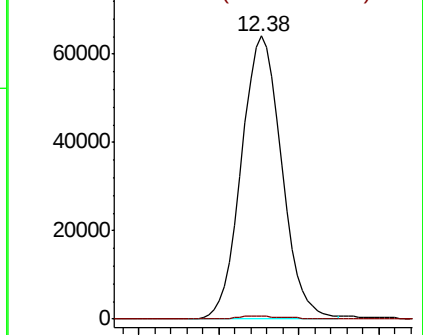
75 100

77 1.2 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: 85.857 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063999.D

Acq: 8 Oct 2020 18:29

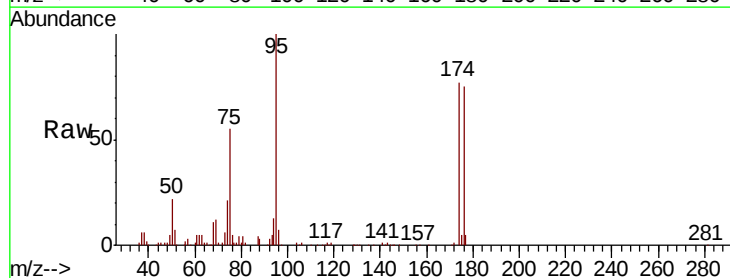
Tgt Ion: 75 Resp: 110433

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.0 36.0 54.0#



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

