

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064000.D
 Acq On : 8 Oct 2020 18:53
 Operator : JC/MD
 Sample : L4255-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 09 04:05:53 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	245335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171877	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	203357	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	154451	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	10.06	98	567447	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	213302	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	

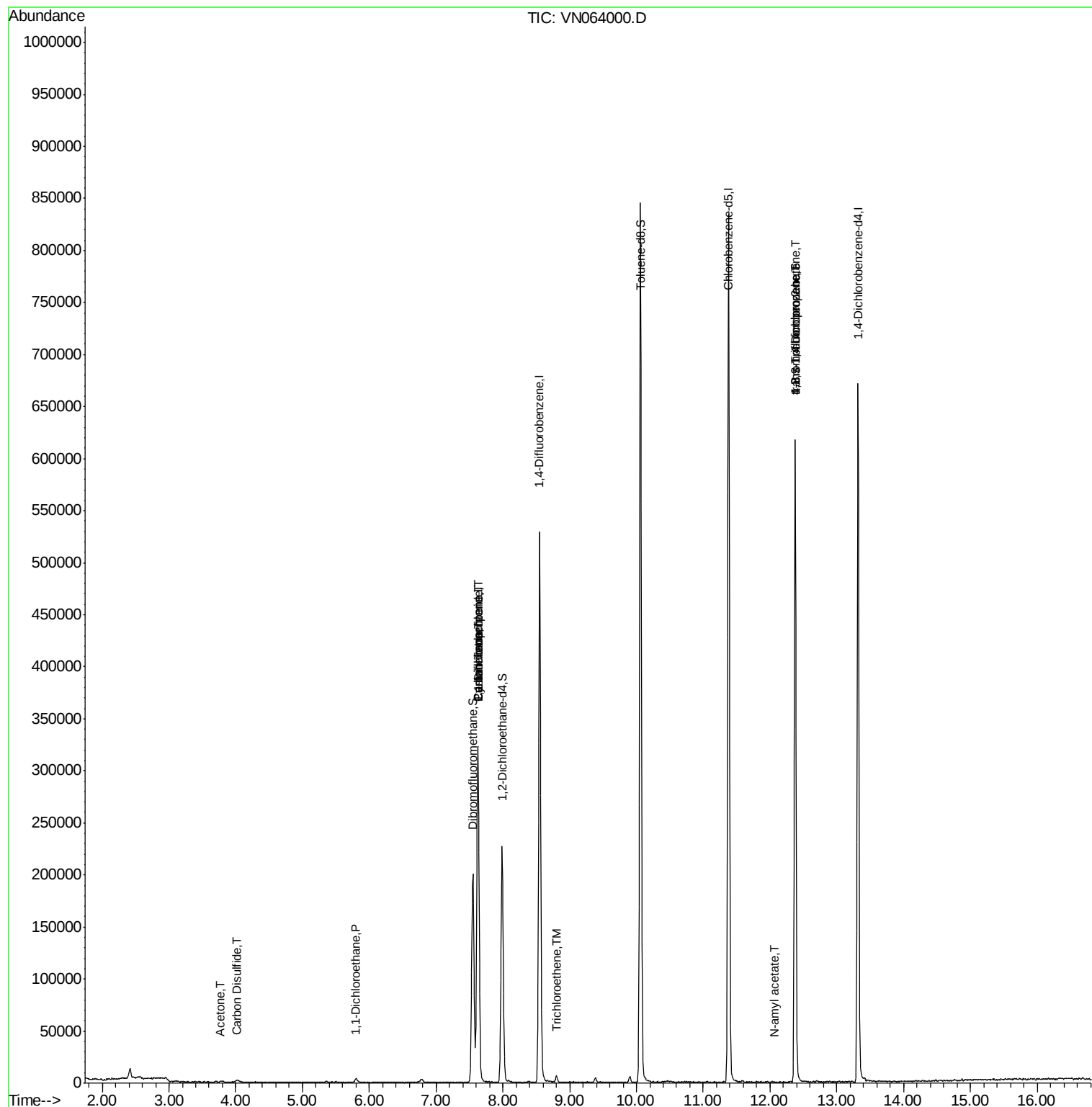
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	2073	1.661	ug/l #	47
17) Carbon Disulfide	4.02	76	357	0.753	ug/l #	76
24) 1,1-Dichloroethane	5.79	63	2351	0.435	ug/l #	86
31) Cyclohexane	7.62	56	6213	1.320	ug/l #	14
36) 1,1-Dichloropropene	7.63	75	20791	4.634	ug/l #	52
38) Carbon Tetrachloride	7.62	117	26530	5.273	ug/l #	15
44) Trichloroethene	8.80	130	1905	0.567	ug/l	90
74) N-amyl acetate	12.05	43	114	2.235	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	115105	30.380	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115105	87.499	ug/l #	6

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
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: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

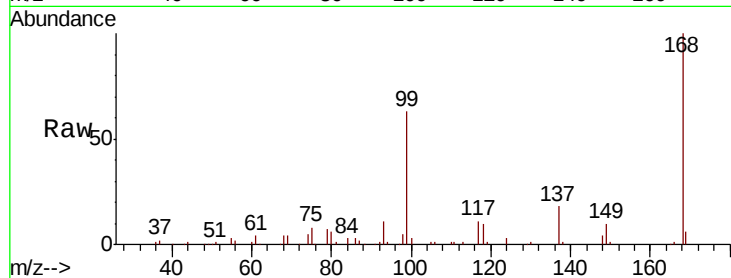
FT-PZ-456I-20200928

Tot Ion:168 Resp: 245335

Ion Ratio Lower Upper

168 100

99 62.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

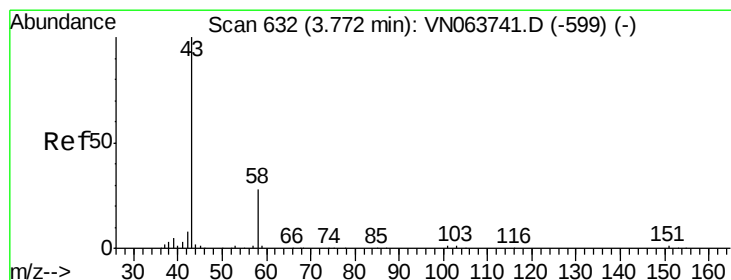
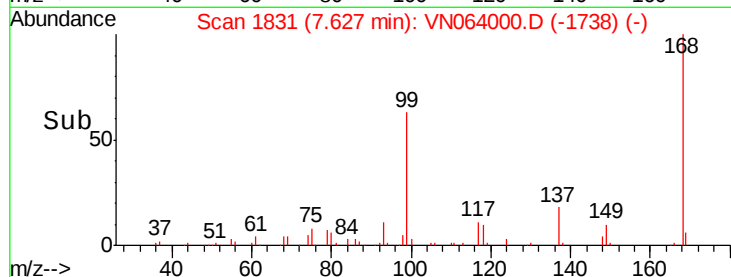
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 1.661 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064000.D

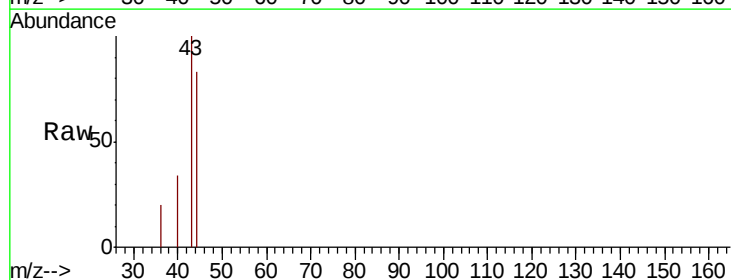
Acq: 8 Oct 2020 18:53

Tgt Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

1000

800

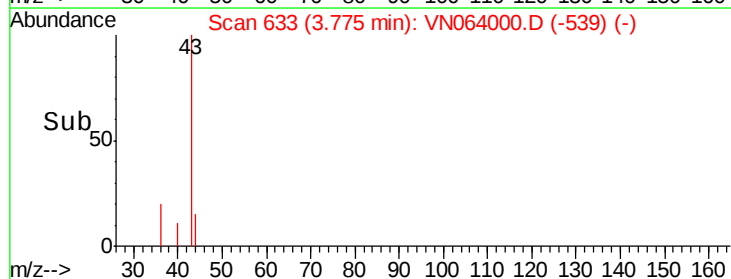
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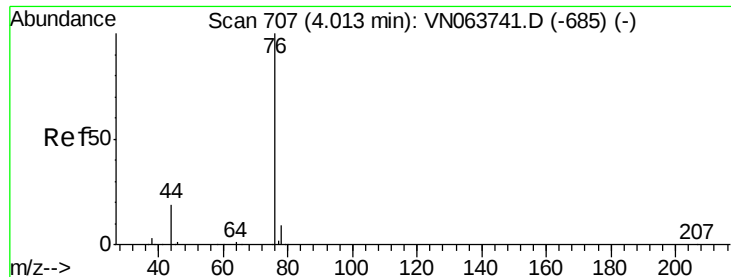
400

200

0

Time--> 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 0.753 ug/l

RT: 4.02 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

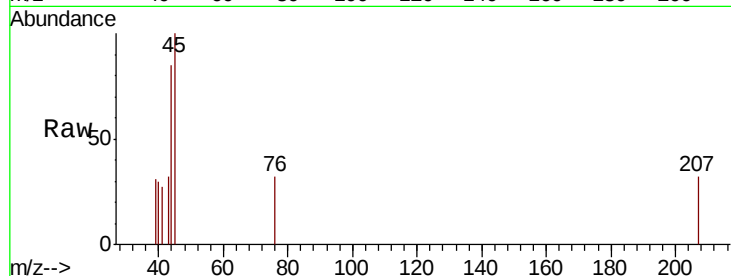
FT-PZ-4561-20200928

Tot Ion: 76 Resp: 357

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

250

200

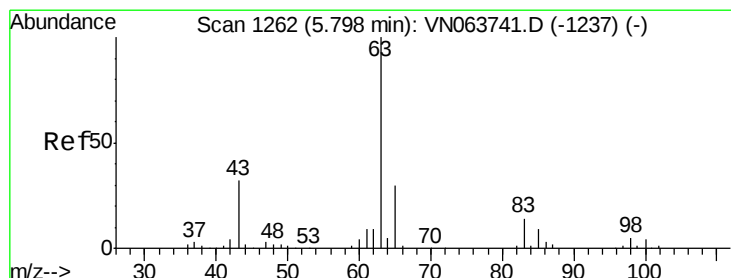
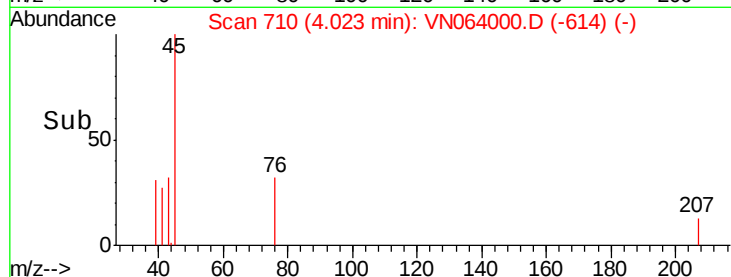
150

100

50

0

Time-->



#24

1,1-Dichloroethane

Concen: 0.435 ug/l

RT: 5.79 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

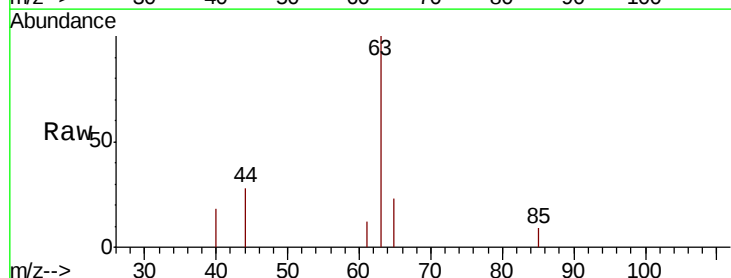
Tgt Ion: 63 Resp: 2351

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

100 0.0 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

2500

2000

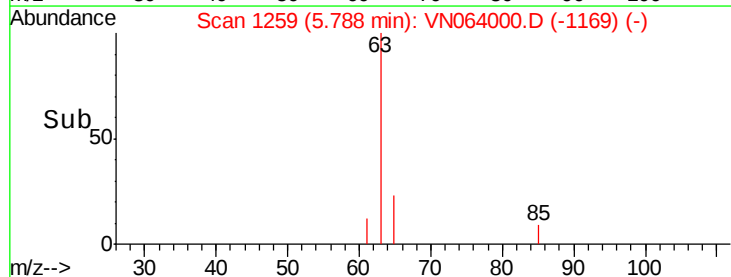
1500

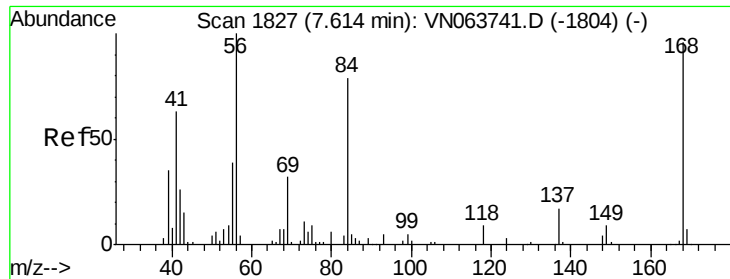
1000

500

0

Time-->

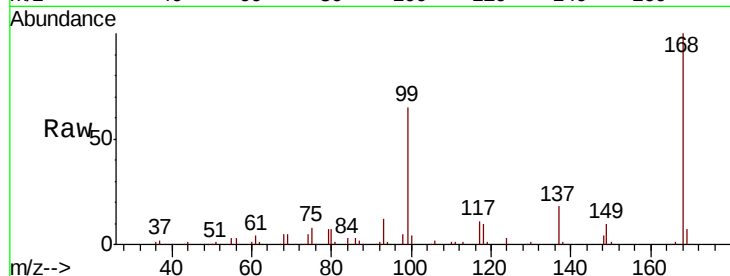




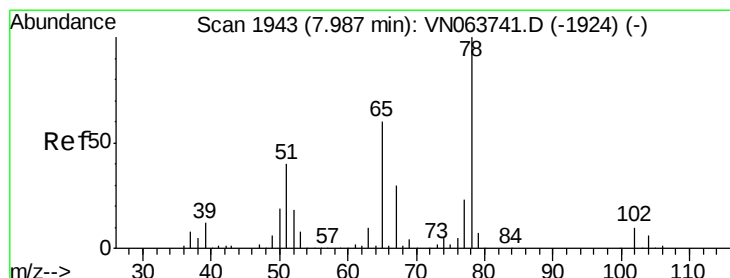
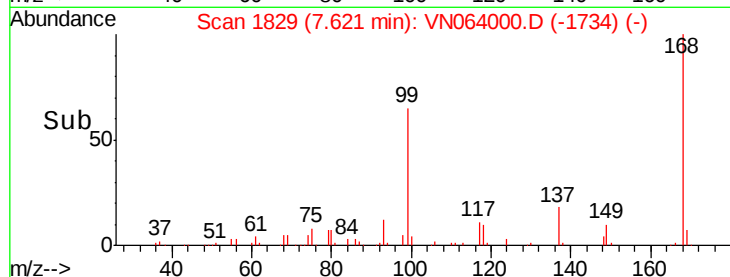
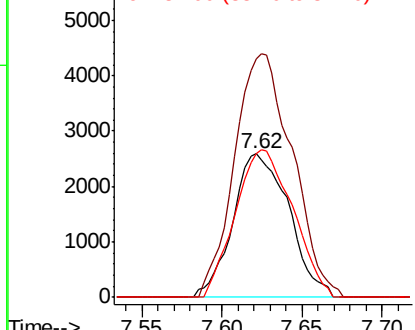
#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

Instrument :
MSVOA_N
ClientSampleId :
FT-PZ-4561-20200928

Tot Ion: 56 Resp: 6213
Ion Ratio Lower Upper
56 100
69 166.5 25.4 38.2#
84 100.0 63.3 94.9#

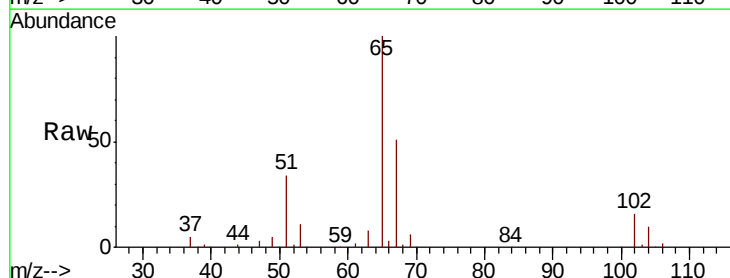


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

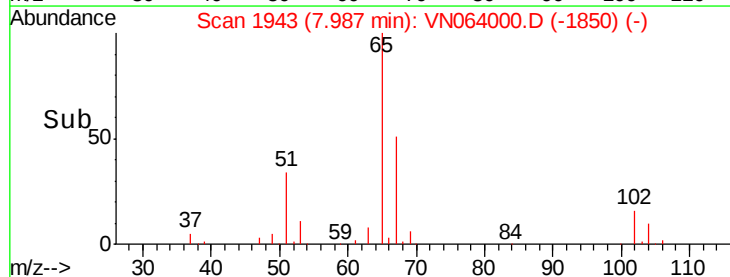
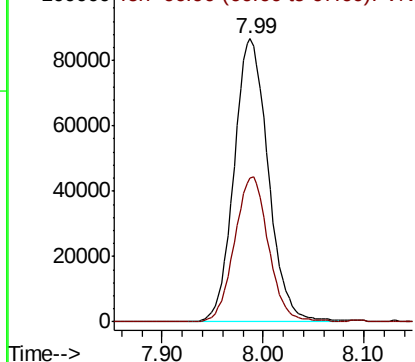


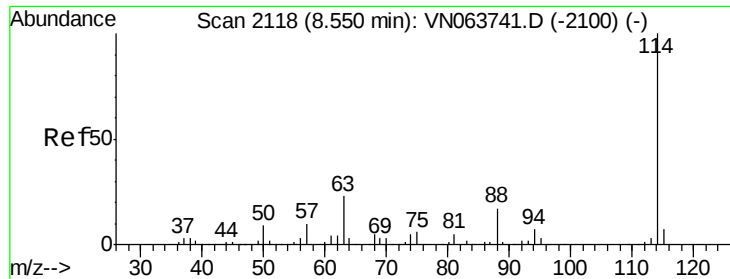
#33
1,2-Dichloroethane-d4
Concen: 50.173 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

Tgt Ion: 65 Resp: 203357
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.6



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

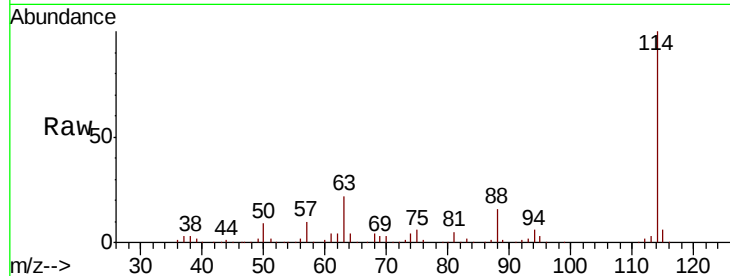




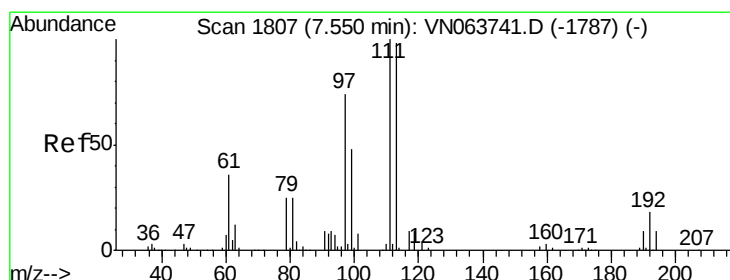
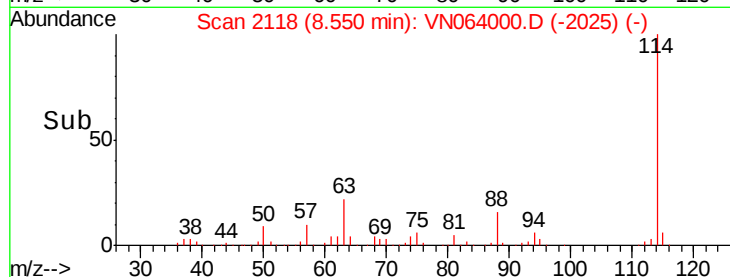
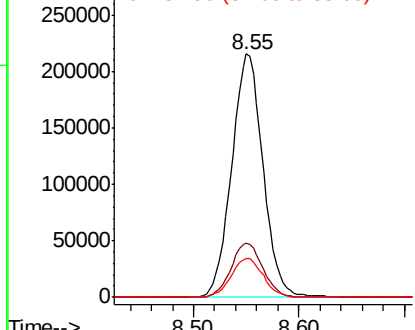
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

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

Tot Ion:114 Resp: 442860
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.0 0.0 34.0

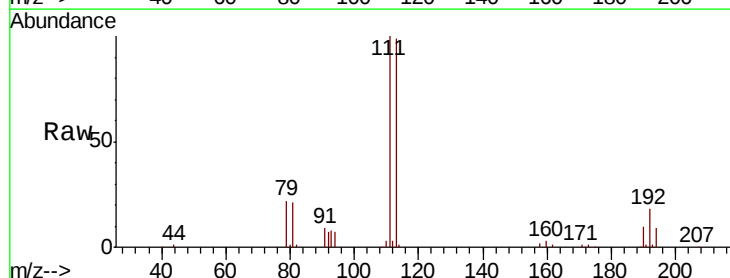


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

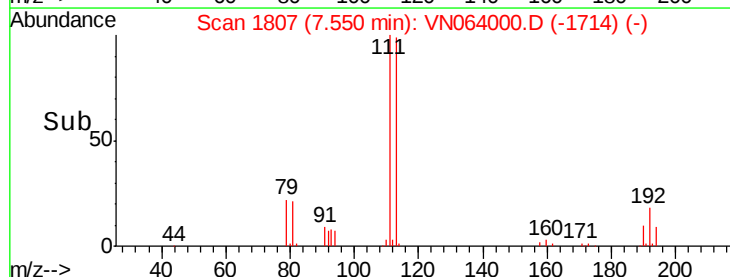
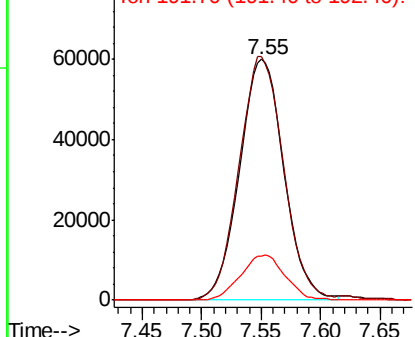


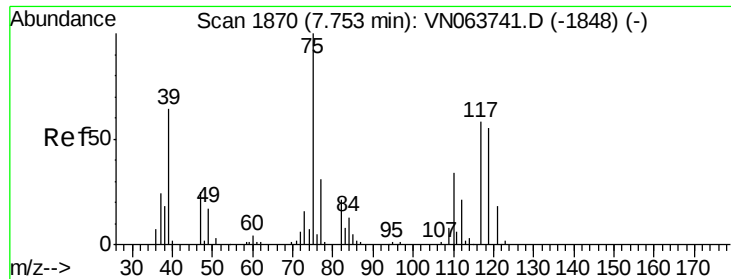
#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

Tgt Ion:113 Resp: 154451
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 18.8 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

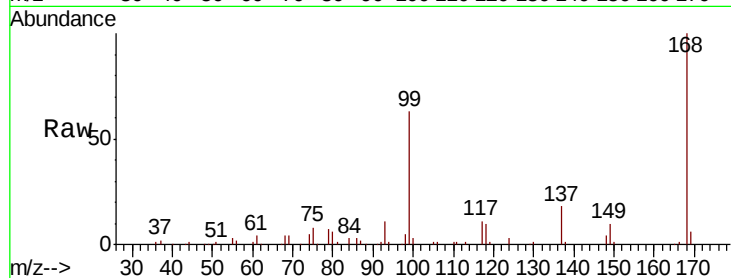




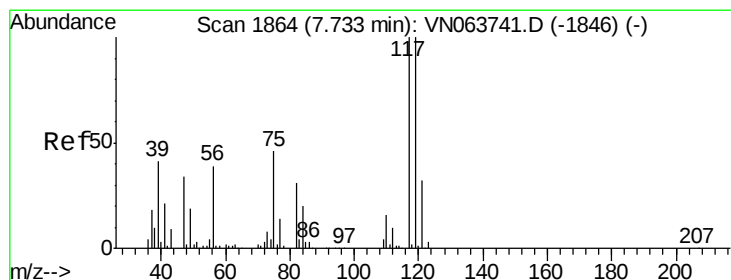
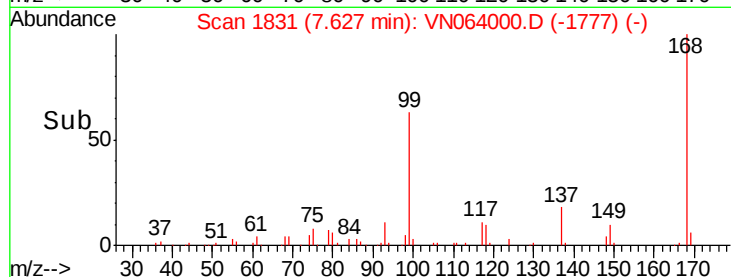
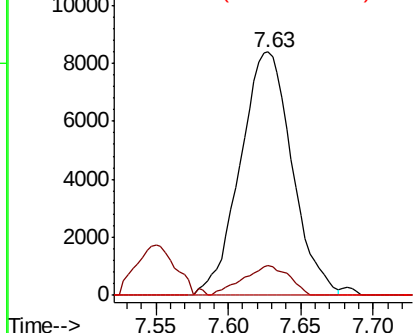
#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064000.D
 Acq: 8 Oct 2020 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 FT-PZ-4561-20200928

Tot Ion: 75 Resp: 20791
 Ion Ratio Lower Upper
 75 100
 110 10.9 16.9 50.6#
 77 0.0 24.5 36.7#

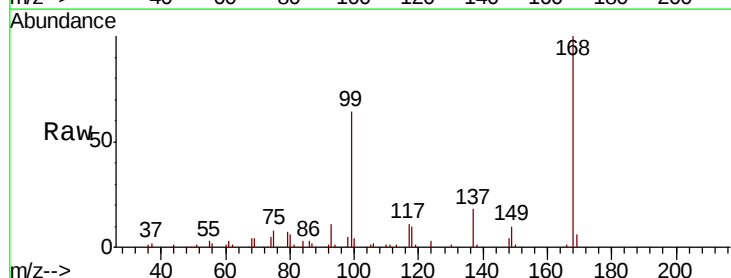


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

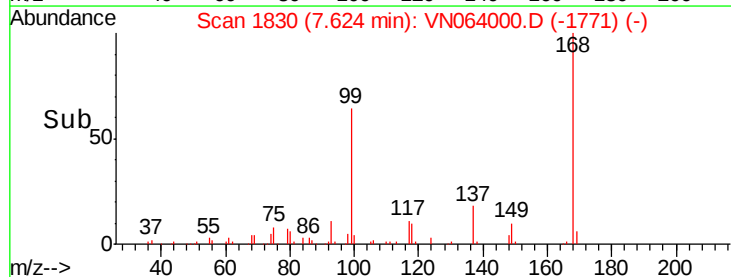
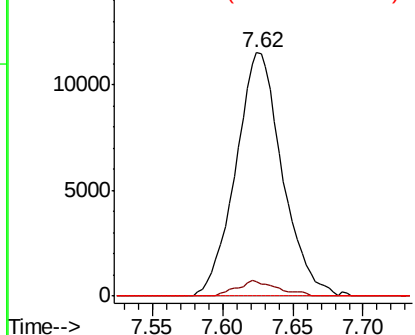


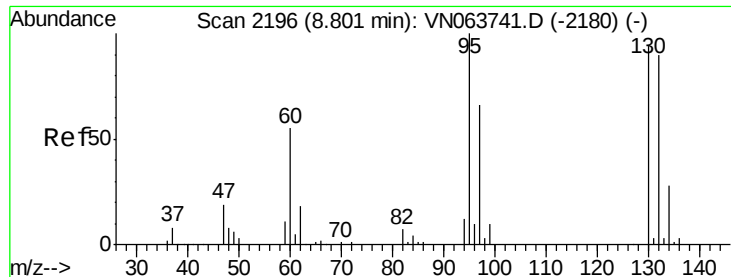
#38
 Carbon Tetrachloride
 Concen: 5.273 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064000.D
 Acq: 8 Oct 2020 18:53

Tgt Ion: 117 Resp: 26530
 Ion Ratio Lower Upper
 117 100
 119 6.0 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





#44

Trichloroethene

Concen: 0.567 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

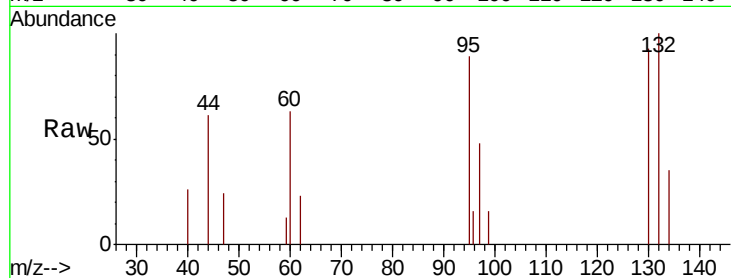
FT-PZ-456I-20200928

Tot Ion:130 Resp: 1905

Ion Ratio Lower Upper

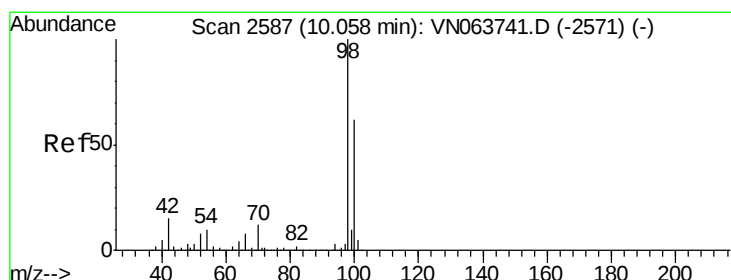
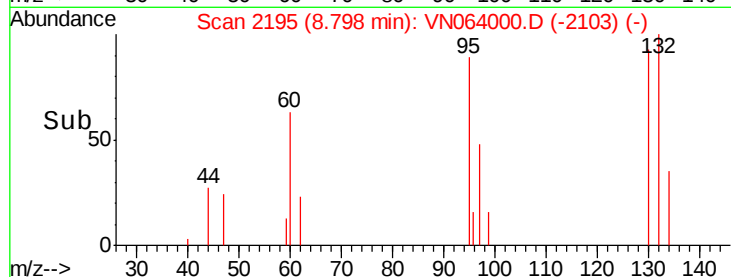
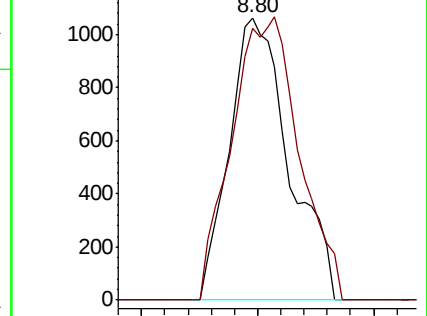
130 100

95 96.3 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.712 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064000.D

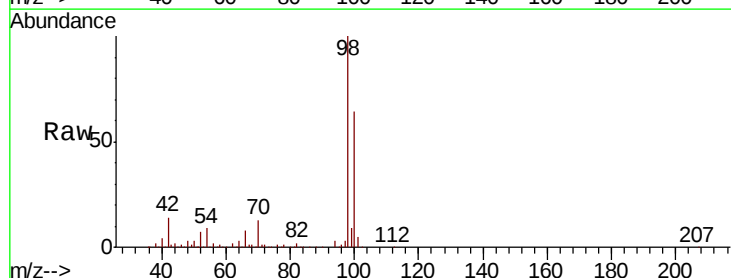
Acq: 8 Oct 2020 18:53

Tgt Ion: 98 Resp: 567447

Ion Ratio Lower Upper

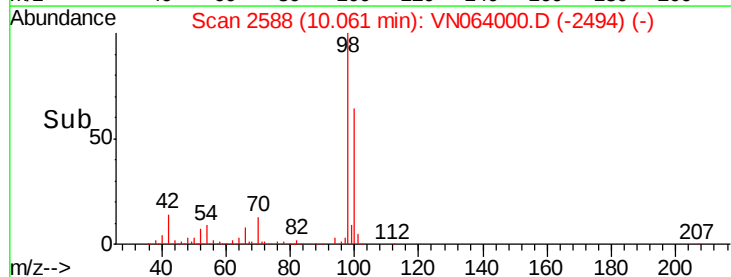
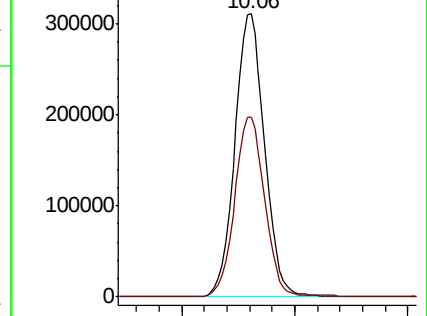
98 100

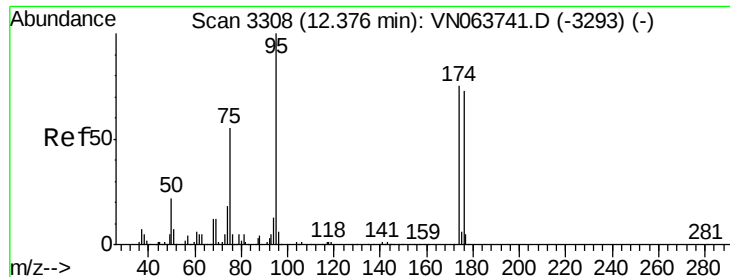
100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

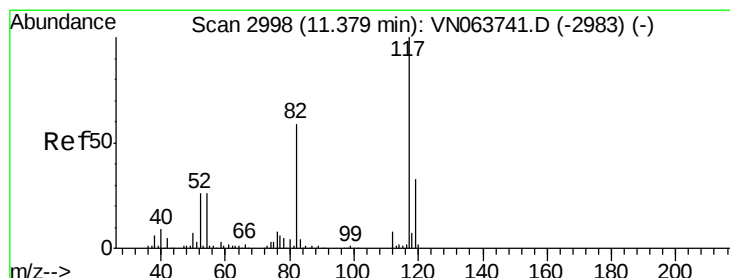
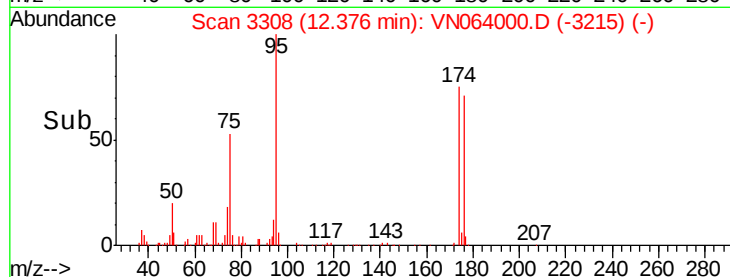
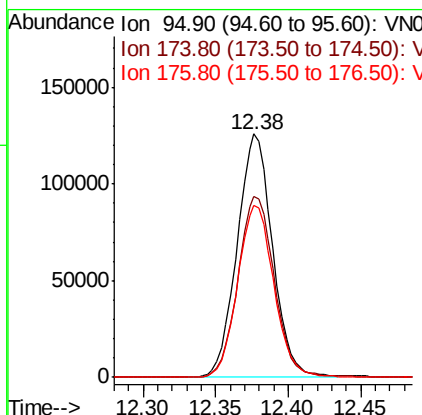
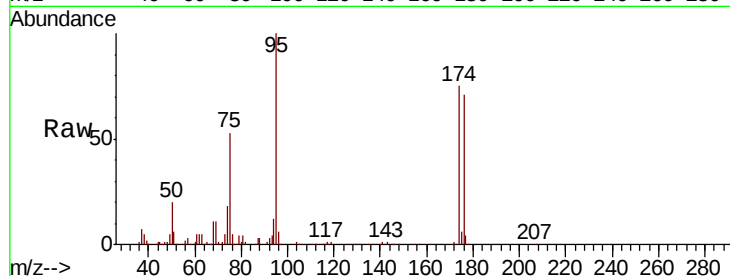




#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

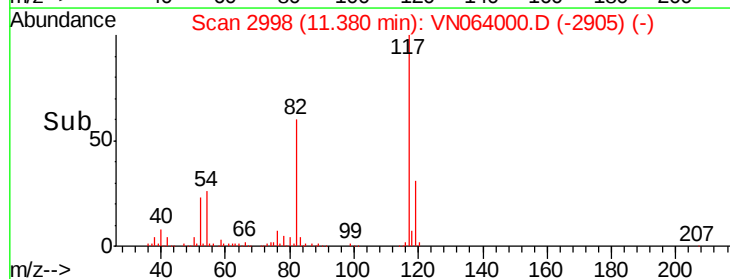
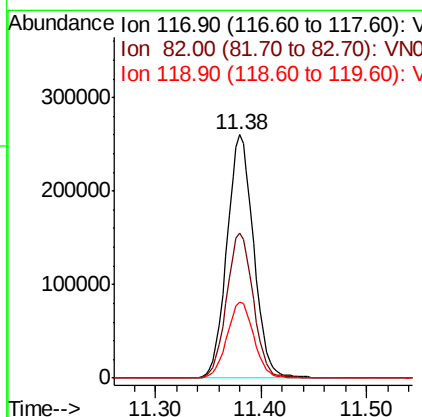
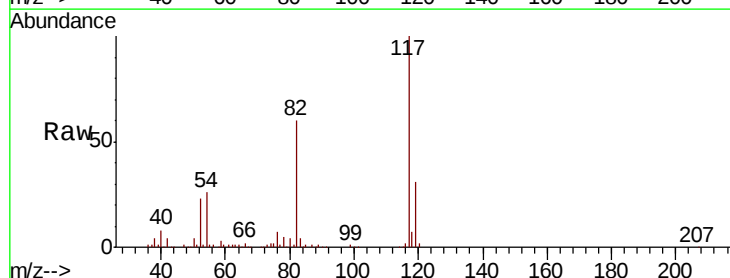
Instrument :
MSVOA_N
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FT-PZ-456I-20200928

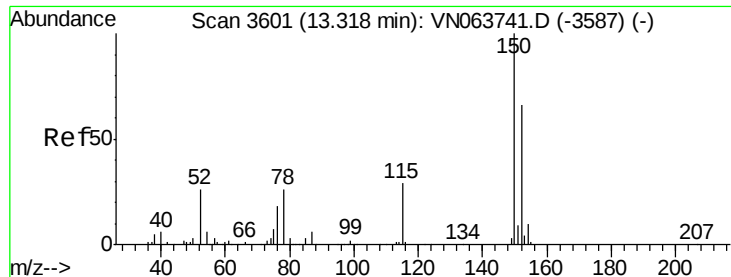
Tot Ion: 95 Resp: 213302
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.6
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064000.D
Acq: 8 Oct 2020 18:53

Tgt Ion: 117 Resp: 454851
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

FT-PZ-456I-20200928

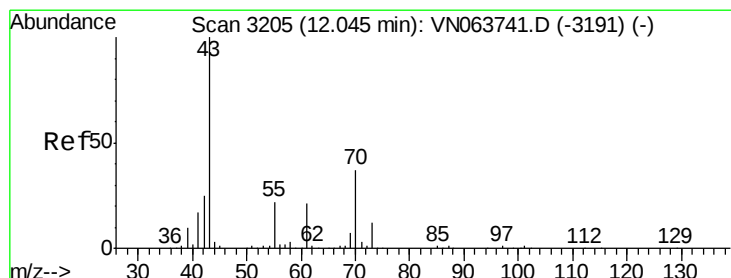
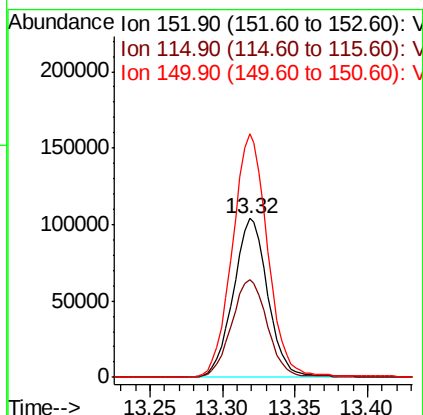
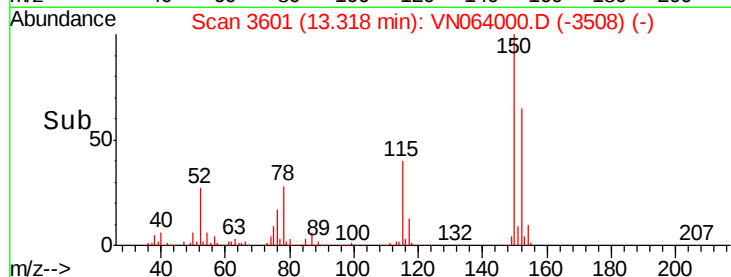
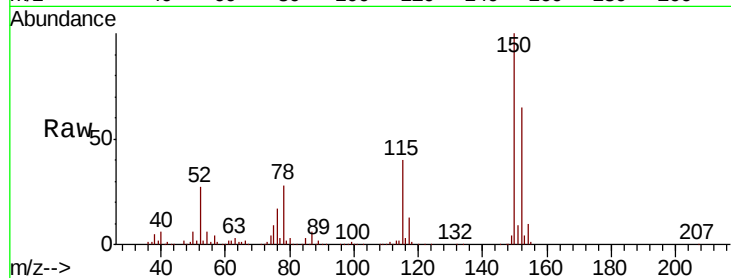
Tot Ion:152 Resp: 171877

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.8

150 156.6 0.0 341.8



#74

N-ethyl acetate

Concen: 2.235 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Tgt Ion: 43 Resp: 114

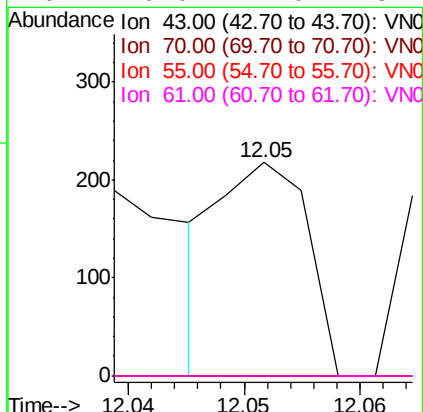
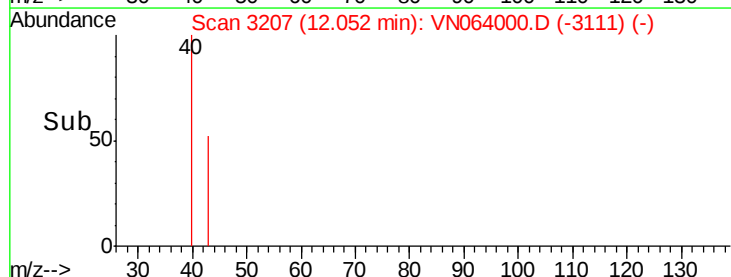
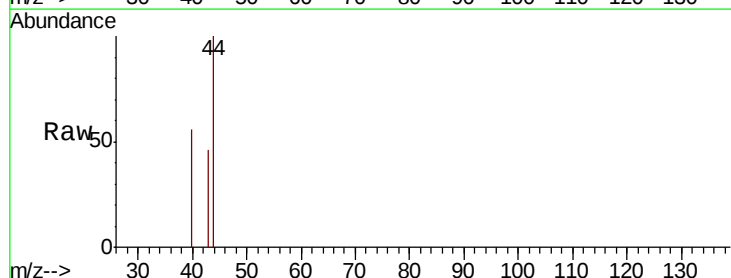
Ion Ratio Lower Upper

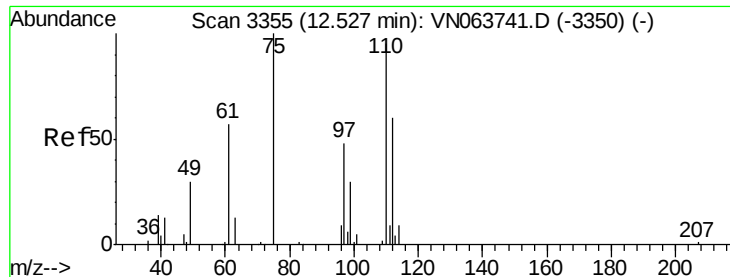
43 100

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: 30.380 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

Instrument :

MSVOA_N

ClientSampleId :

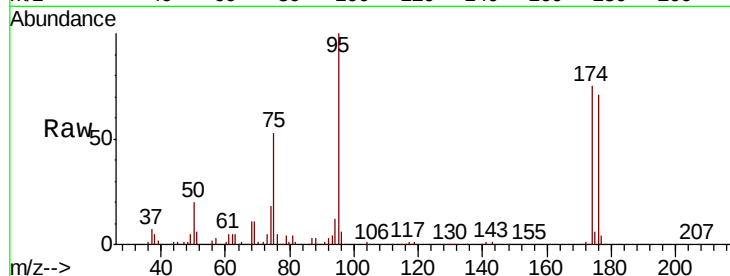
FT-PZ-456I-20200928

Tot Ion: 75 Resp: 115105

Ion Ratio Lower Upper

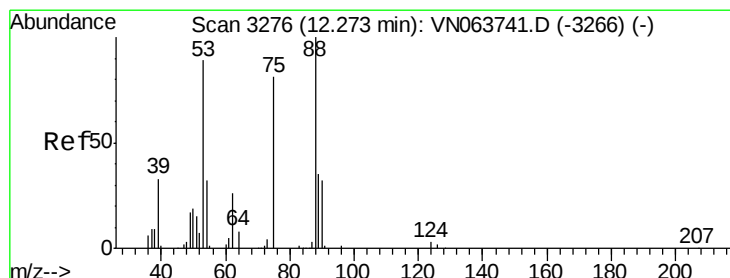
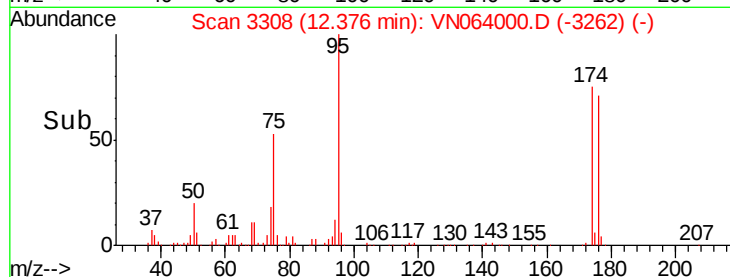
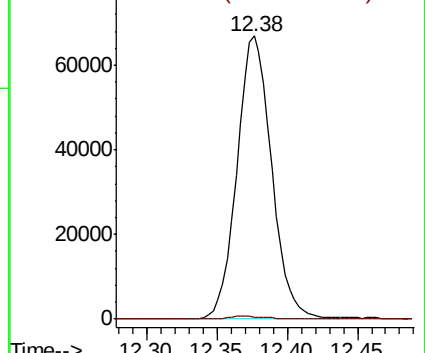
75 100

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: 87.499 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064000.D

Acq: 8 Oct 2020 18:53

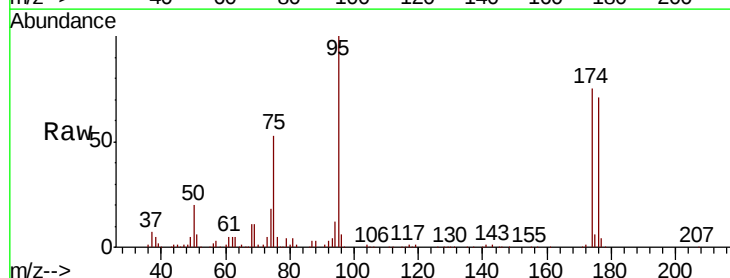
Tgt Ion: 75 Resp: 115105

Ion Ratio Lower Upper

75 100

53 0.1 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

