

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065021.D
 Acq On : 9 Dec 2020 15:26
 Operator : JC/MD
 Sample : PB133472ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#02

Quant Time: Dec 10 04:08:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	165040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136609	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	108320	56.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.90%	
35) Dibromofluoromethane		7.55	113	98251	53.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.74%	
50) Toluene-d8		10.06	98	400160	53.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.38%	
62) 4-Bromofluorobenzene		12.38	95	148801	55.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.58%	

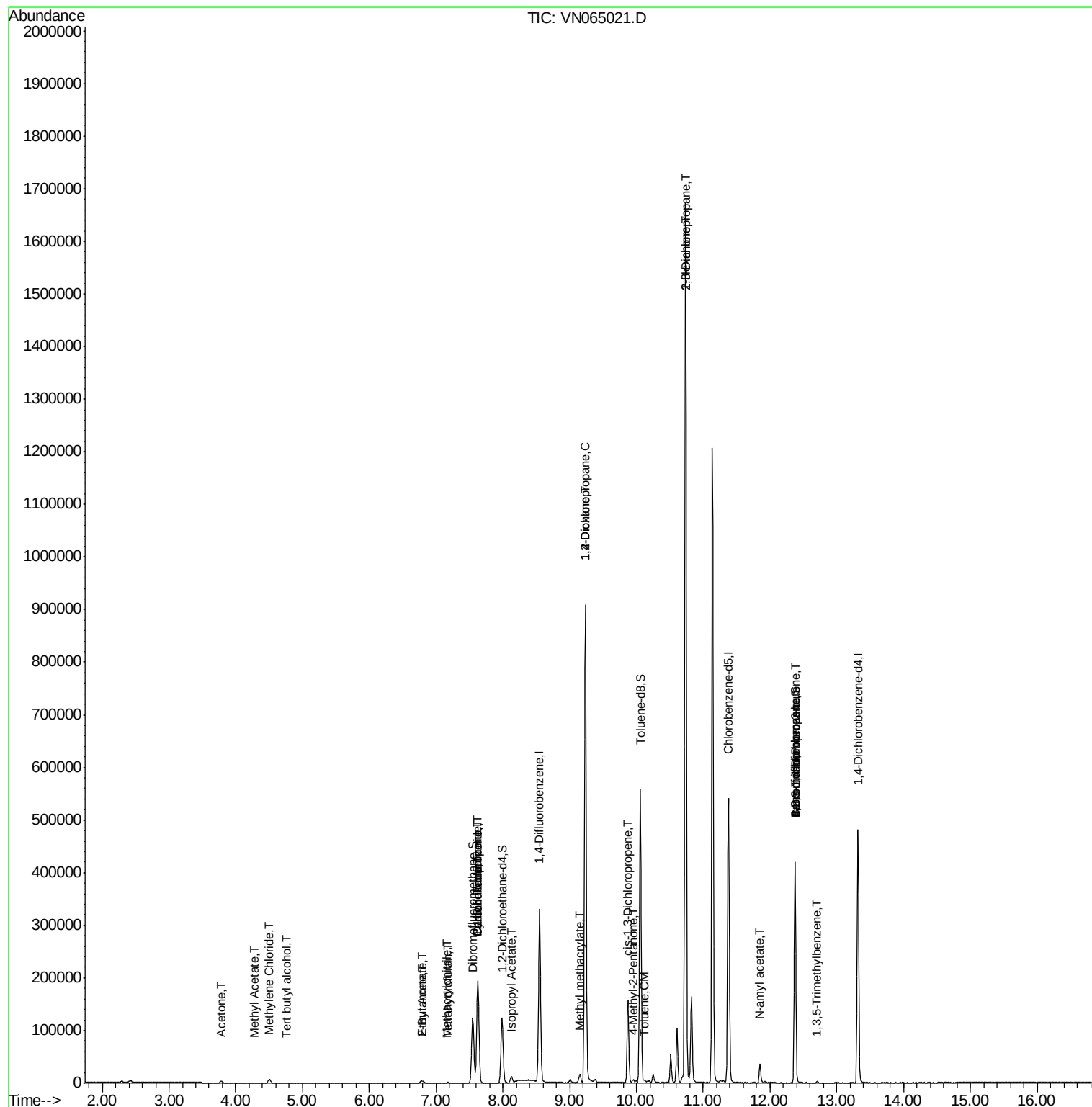
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	63	0.211	ug/l #	73
16) Acetone	3.78	43	5752	9.120	ug/l	100
18) Methyl Acetate	4.29	43	868	0.458	ug/l #	50
20) Methylene Chloride	4.50	84	5160	2.611	ug/l	91
25) 2-Butanone	6.79	43	1454	1.422	ug/l #	88
29) Tetrahydrofuran	7.18	42	1118	1.584	ug/l #	58
31) Cyclohexane	7.62	56	2945	1.101	ug/l #	4
36) 1,1-Dichloropropene	7.62	75	11690	4.137	ug/l #	48
37) Ethyl Acetate	6.79	43	1454	0.534	ug/l #	66
38) Carbon Tetrachloride	7.63	117	15242	5.185	ug/l #	16
41) Methacrylonitrile	7.16	41	296	0.236	ug/l #	21
43) Isopropyl Acetate	8.13	43	14986	3.422	ug/l #	77
45) 1,2-Dichloropropane	9.24	63	1193	0.532	ug/l #	43
48) Methyl methacrylate	9.14	41	3841	1.835	ug/l #	12
49) 1,4-Dioxane	9.24	88	29	0.733	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	3338	1.270	ug/l	96
52) Toluene	10.13	92	1472	0.276	ug/l	88
54) cis-1,3-Dichloropropene	9.87	75	29129	8.095	ug/l #	63
57) 1,3-Dichloropropane	10.73	76	18404	5.089	ug/l #	42
59) 2-Hexanone	10.73	43	230168	121.643	ug/l #	51
71) Bromoform	12.37	173	1068	0.503	ug/l #	1
74) N-amyl acetate	11.85	43	10233	2.737	ug/l #	53
76) 1,2,3-Trichloropropane	12.37	75	69998	23.793	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	2088	0.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	69998	65.210	ug/l #	15

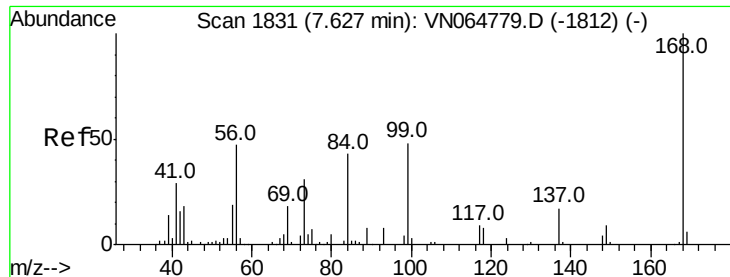
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
Data File : VN065021.D
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Sample : PB133472ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 10 04:08:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

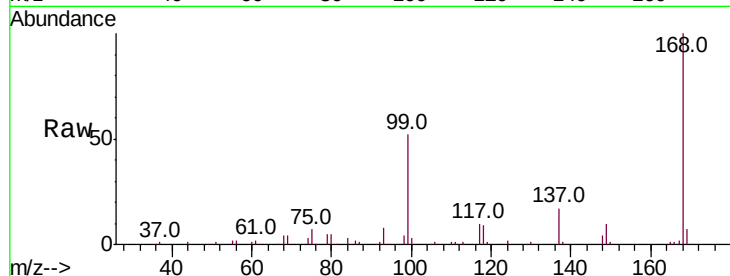
PB133472ZHE#02

Tot Ion:168 Resp: 165040

Ion Ratio Lower Upper

168 100

99 52.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

60000

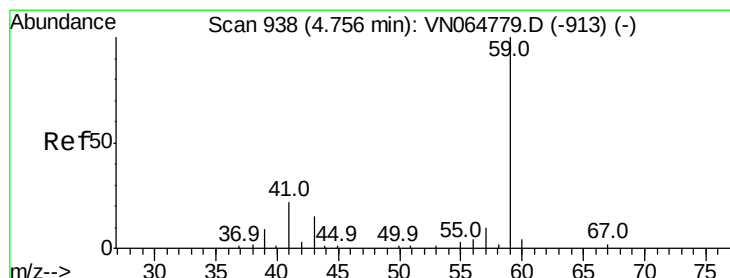
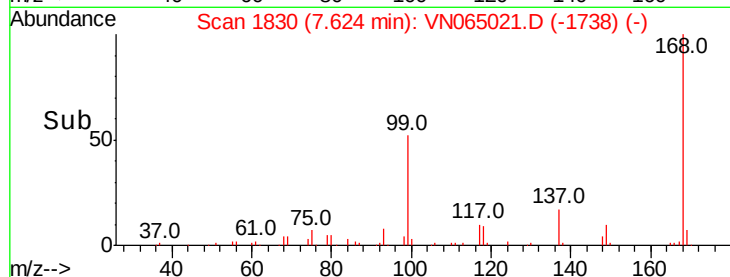
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.211 ug/l

RT: 4.76 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN065021.D

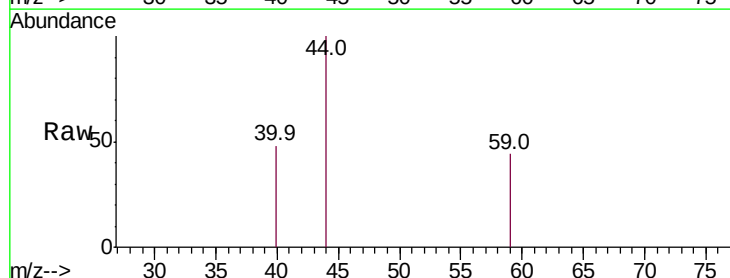
Acq: 9 Dec 2020 15:26

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN064779.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN064779.D (-913) (-)

4.76

200

150

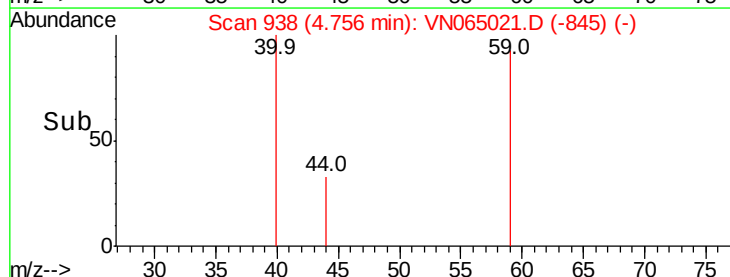
100

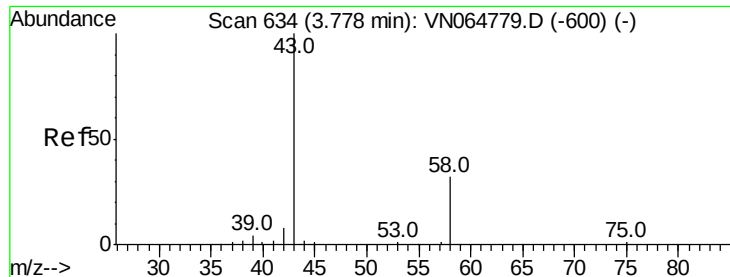
50

0

4.75 4.76 4.77

Time-->





#16

Acetone

Concen: 9.120 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

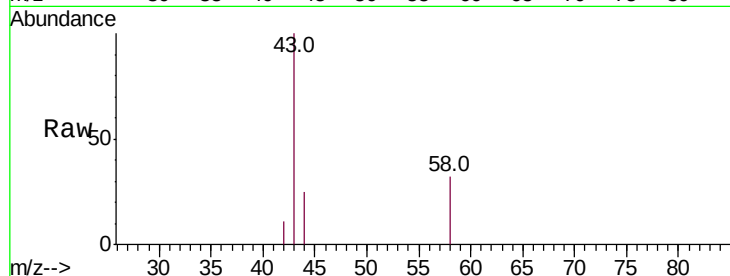
PB133472ZHE#02

Tot Ion: 43 Resp: 5752

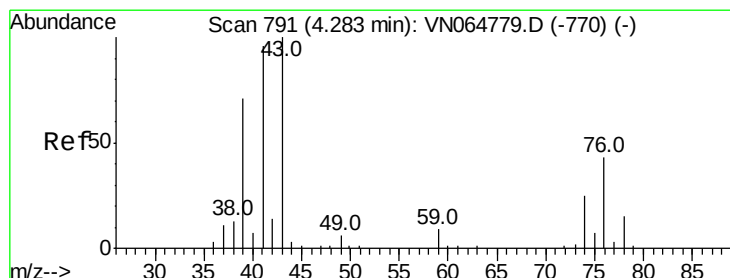
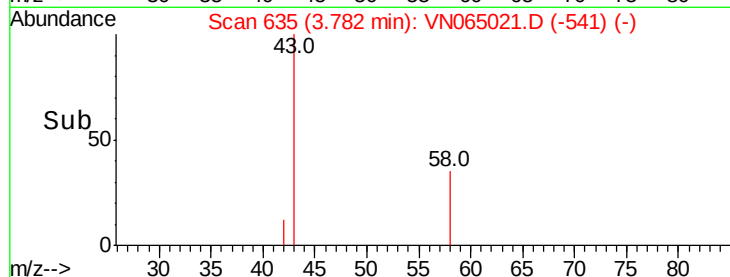
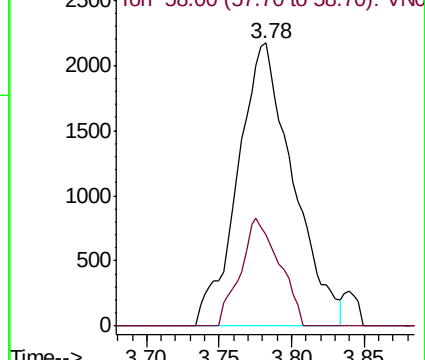
Ion Ratio Lower Upper

43 100

58 32.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)



#18

Methyl Acetate

Concen: 0.458 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN065021.D

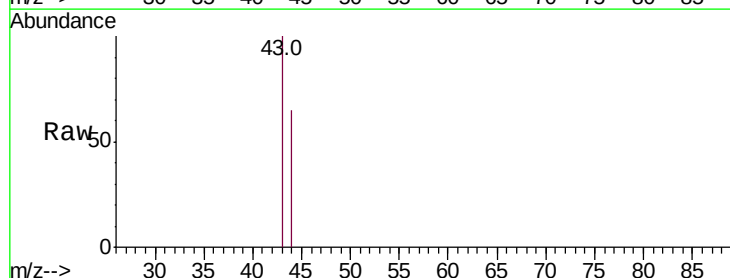
Acq: 9 Dec 2020 15:26

Tgt Ion: 43 Resp: 868

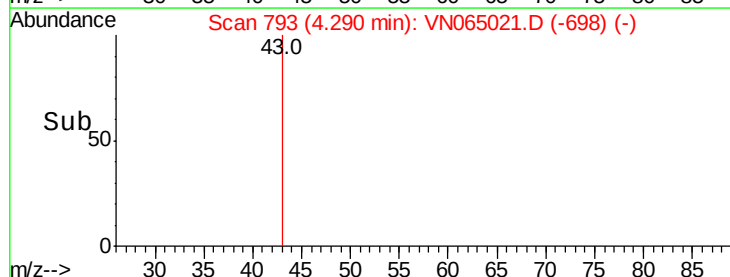
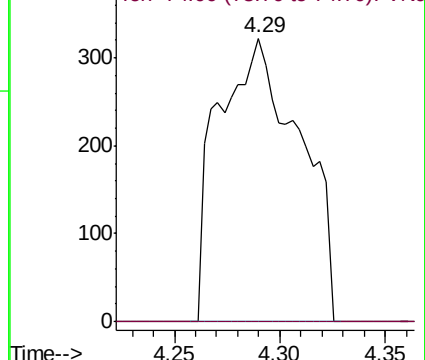
Ion Ratio Lower Upper

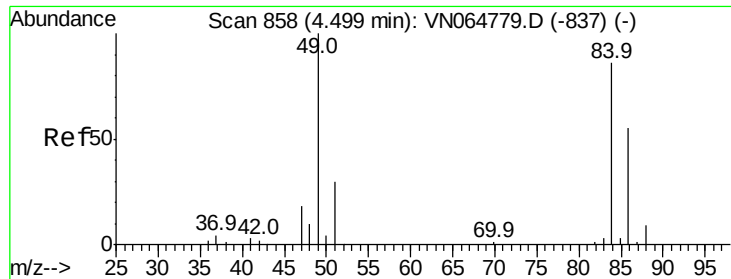
43 100

74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

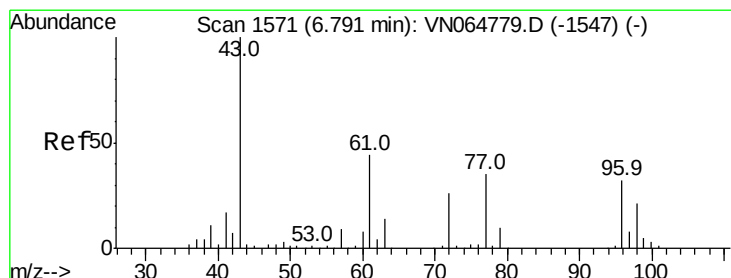
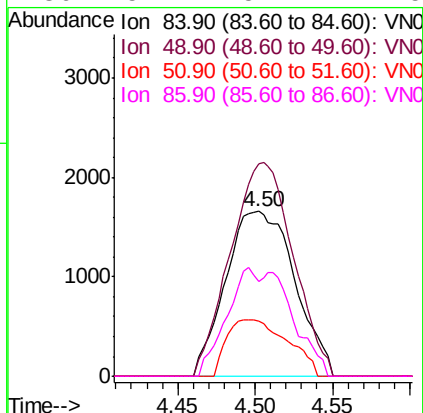
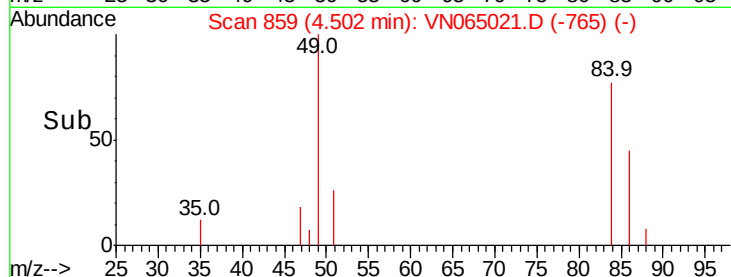
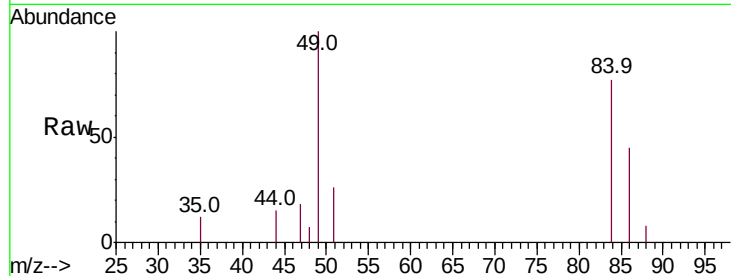




#20
Methvlene Chloride
Concen: 2.611 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

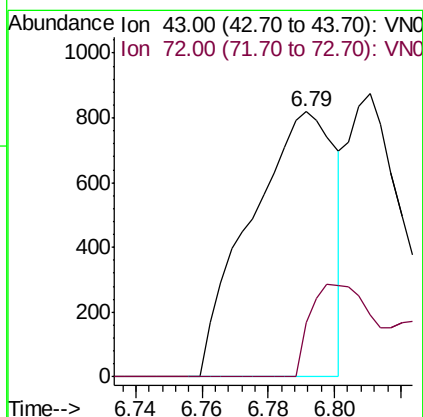
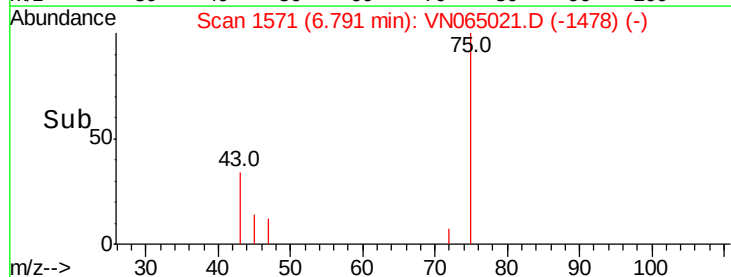
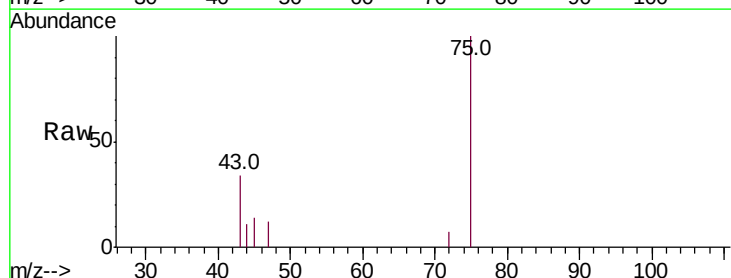
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

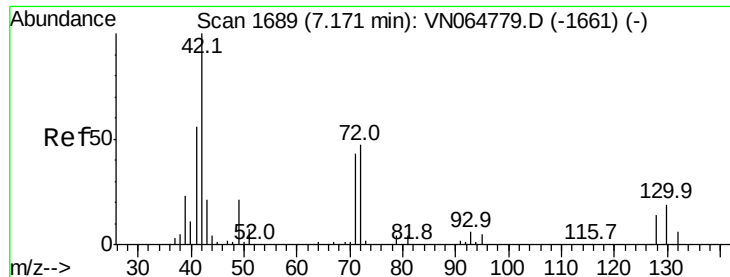
Tot Ion: 84 Resp: 5160
Ion Ratio Lower Upper
84 100
49 129.0 93.4 140.0
51 33.7 28.2 42.4
86 57.7 51.7 77.5



#25
2-Butanone
Concen: 1.422 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
72 20.3 21.0 31.6#





#29

Tetrahydrofuran

Concen: 1.584 ug/l

RT: 7.18 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

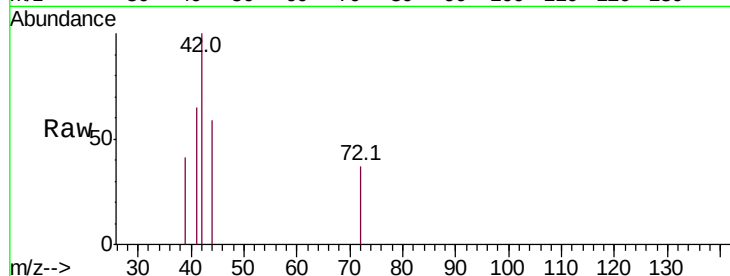
Tot Ion: 42 Resp: 1118

Ion Ratio Lower Upper

42 100

72 17.9 36.6 54.8#

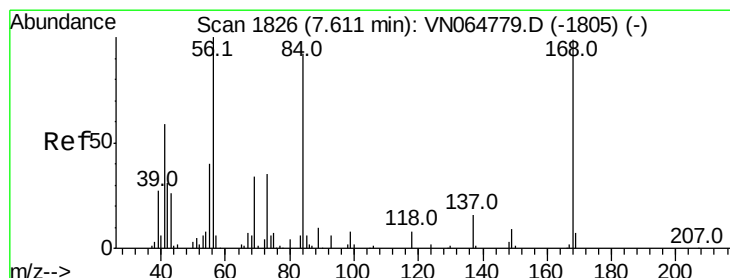
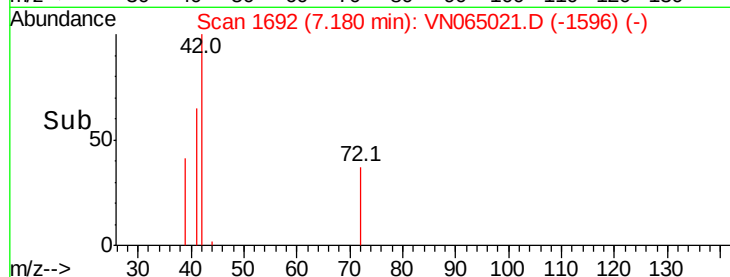
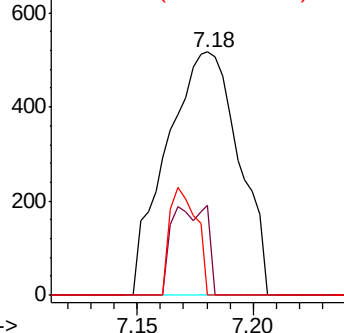
71 16.2 33.6 50.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

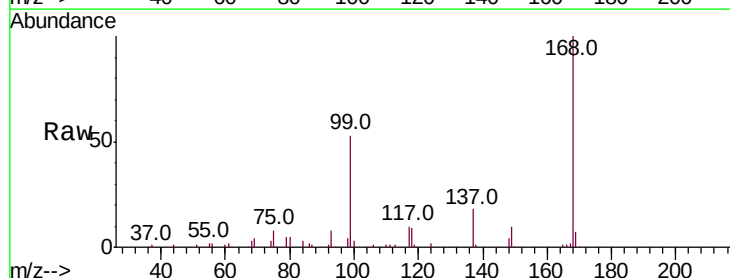
Tgt Ion: 56 Resp: 2945

Ion Ratio Lower Upper

56 100

69 172.4 27.5 41.3#

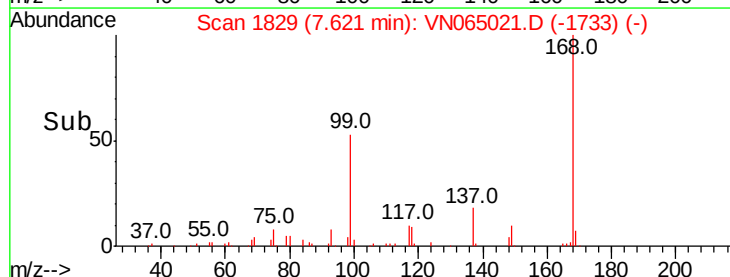
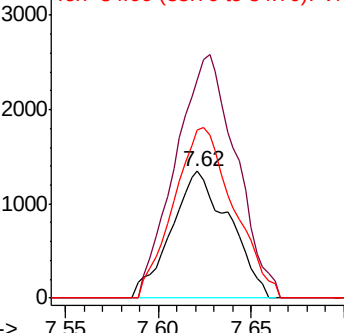
84 132.9 73.9 110.9#

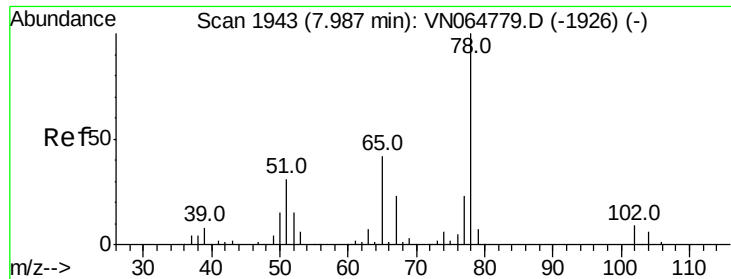


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

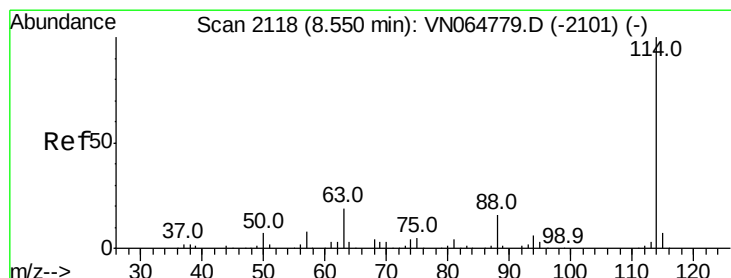
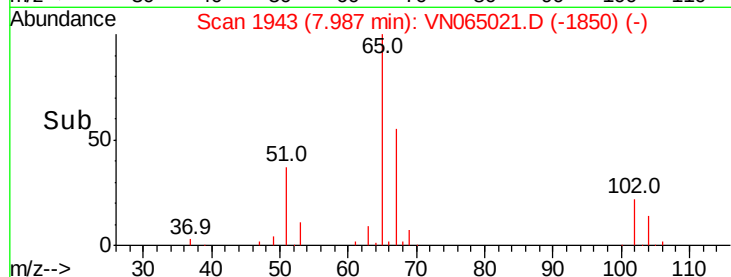
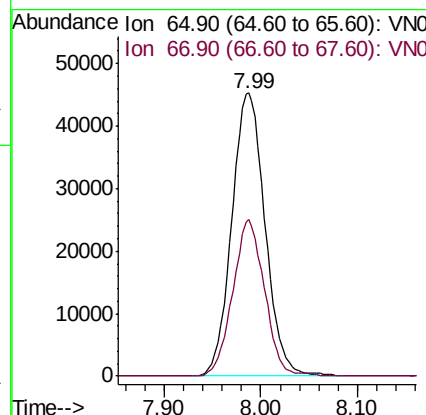
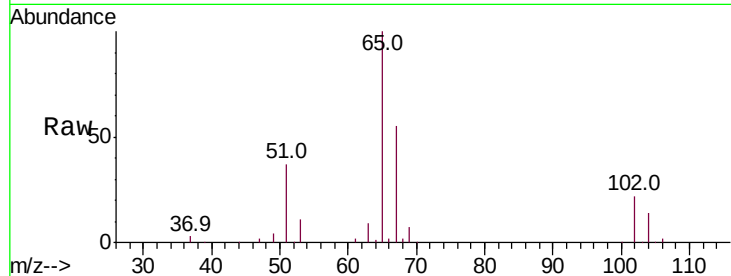




#33
 1,2-Dichloroethane-d4
 Concen: 56.455 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

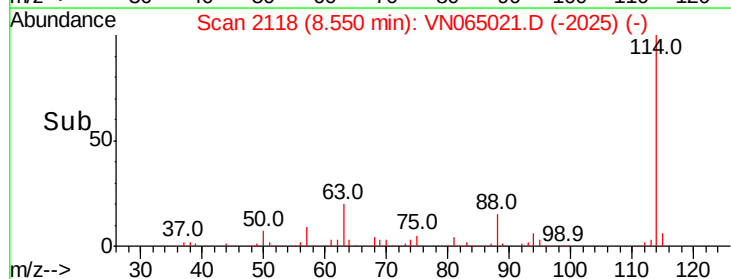
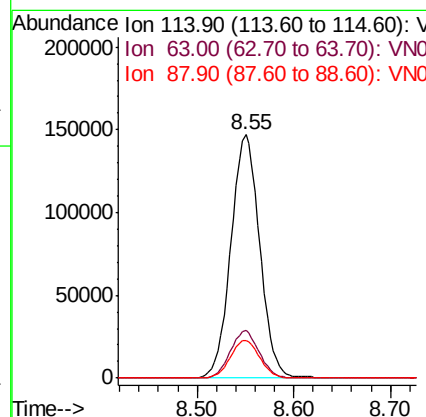
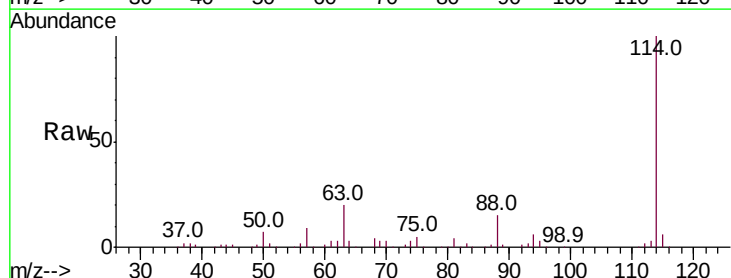
Instrument :
 MSVOA_N
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 PB133472ZHE#02

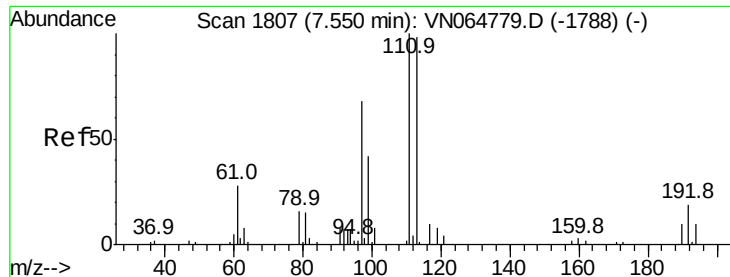
Tot Ion: 65 Resp: 108320
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

Tgt Ion: 114 Resp: 304821
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.4 0.0 32.6

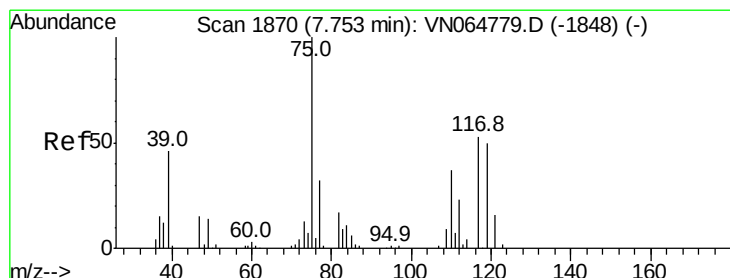
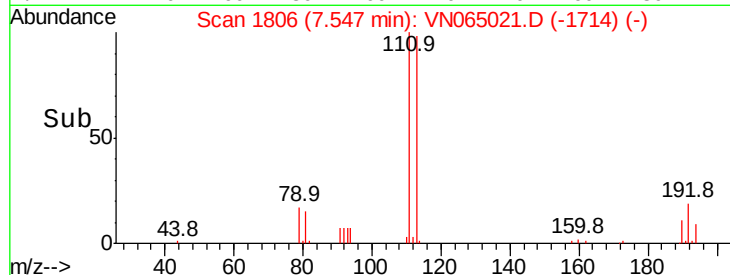
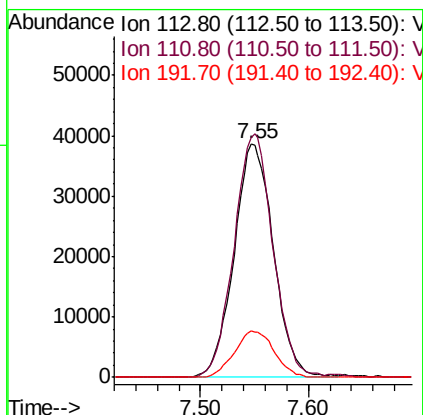
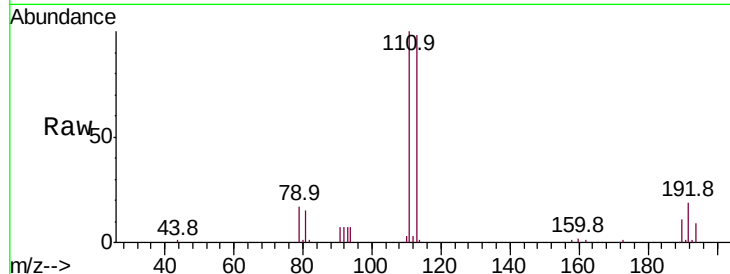




#35
 Dibromofluoromethane
 Concen: 53.867 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

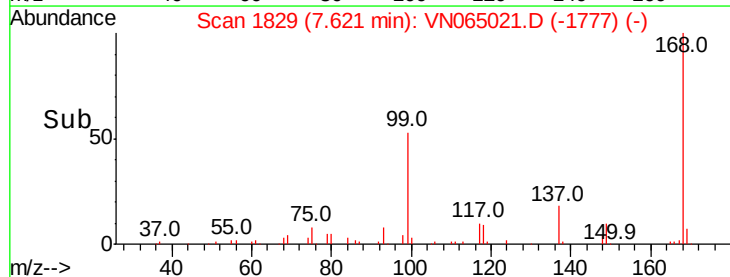
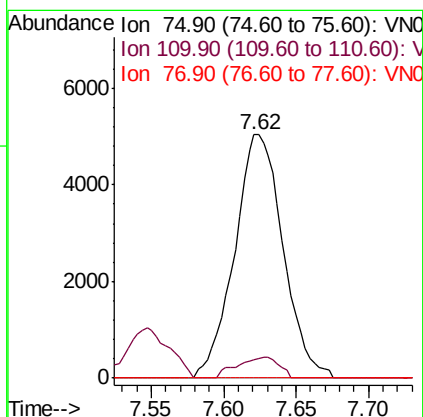
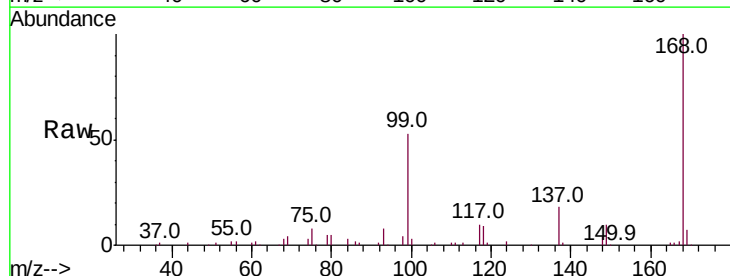
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#02

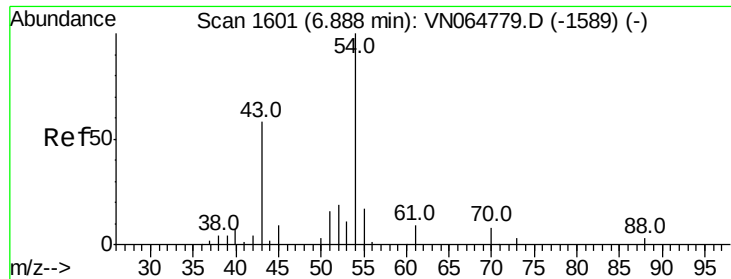
Tot Ion:113 Resp: 98251
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.137 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

Tgt Ion: 75 Resp: 11690
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.8 53.3#
 77 0.0 25.0 37.4#

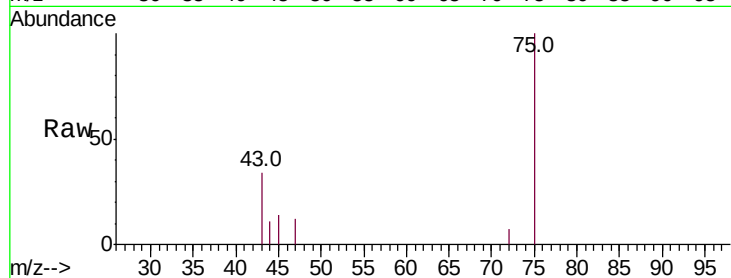




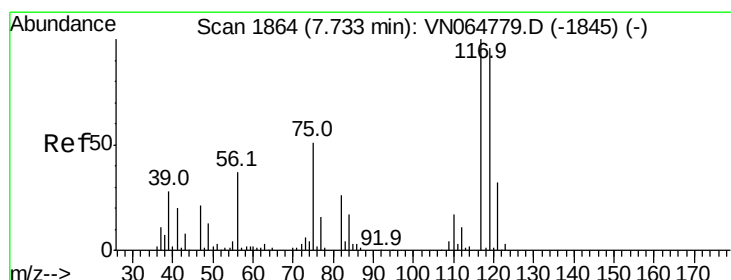
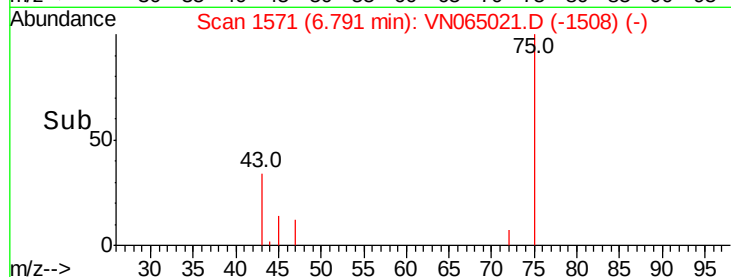
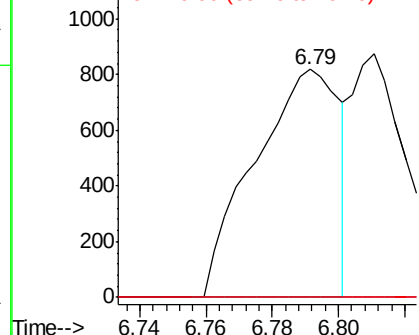
#37
Ethyl Acetate
Concen: 0.534 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. -0.10 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

Tot Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#

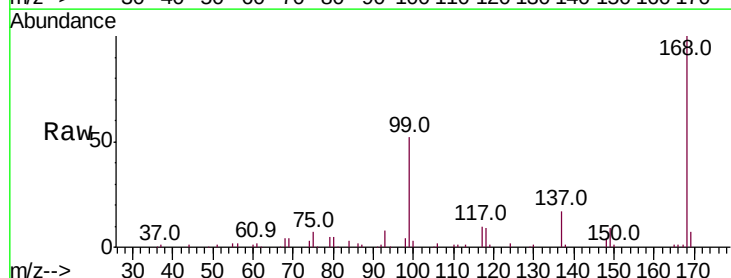


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

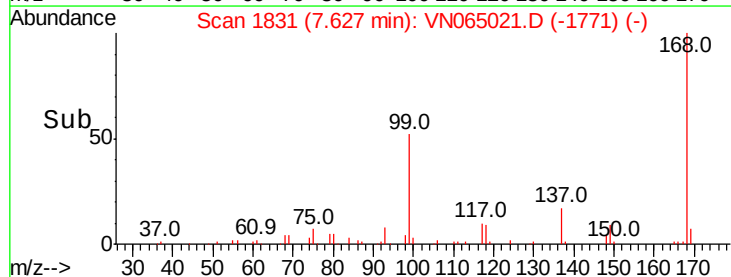
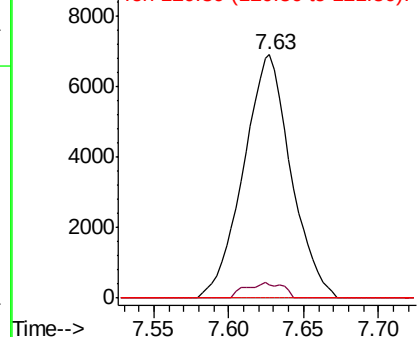


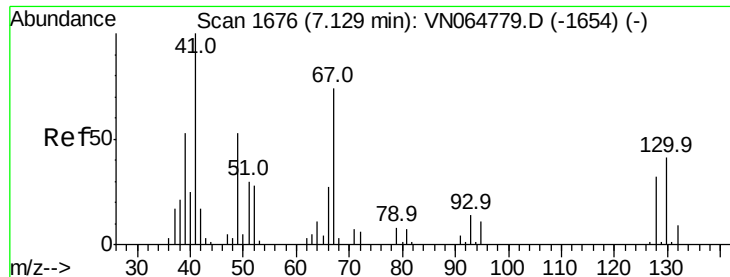
#38
Carbon Tetrachloride
Concen: 5.185 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion: 117 Resp: 15242
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#



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

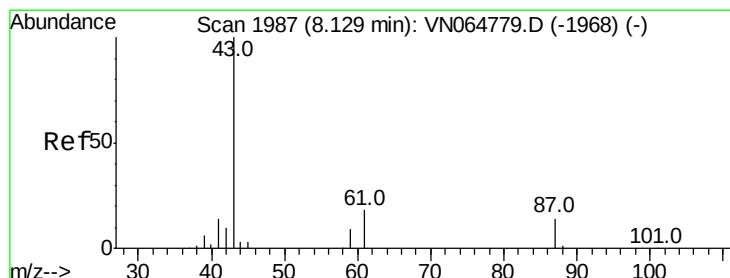
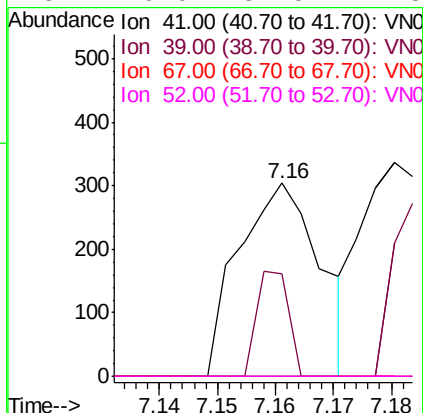
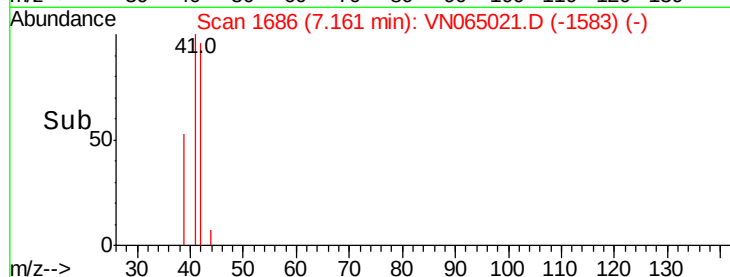
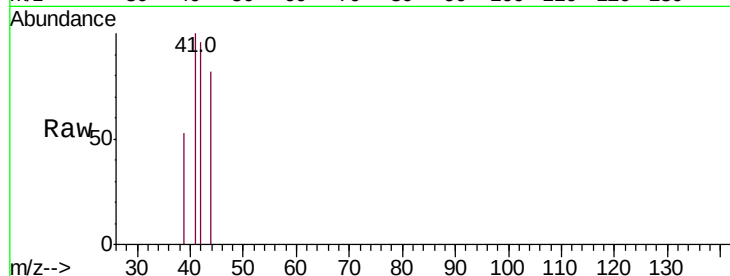




#41
Methacrylonitrile
Concen: 0.236 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

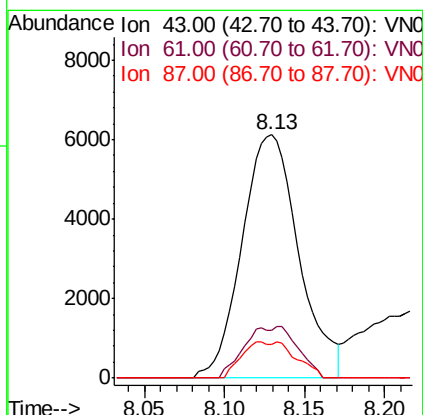
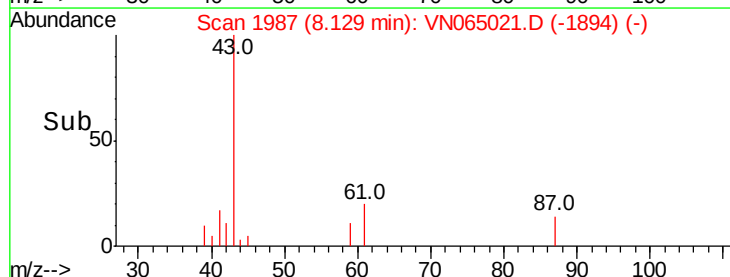
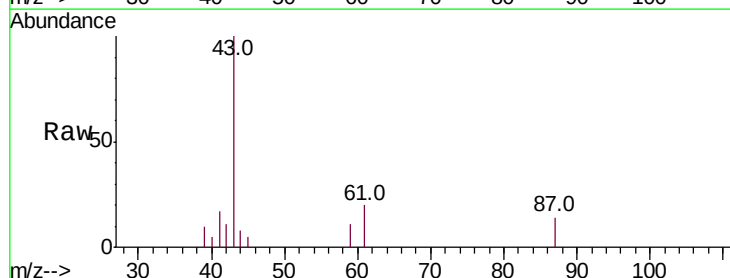
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

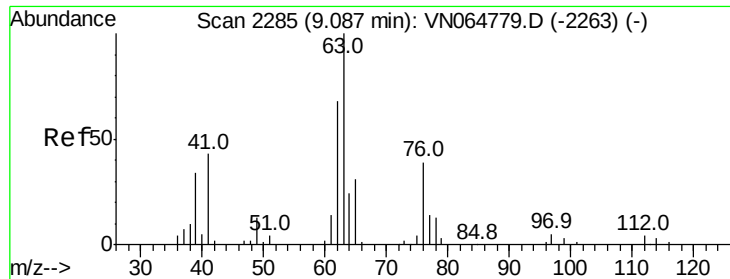
Tot Ion: 41 Resp: 296
Ion Ratio Lower Upper
41 100
39 21.3 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#



#43
Isopropyl Acetate
Concen: 3.422 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion: 43 Resp: 14986
Ion Ratio Lower Upper
43 100
61 9.2 17.2 25.8#
87 6.7 11.4 17.0#

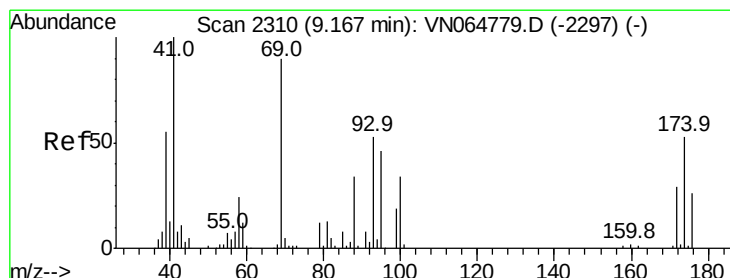
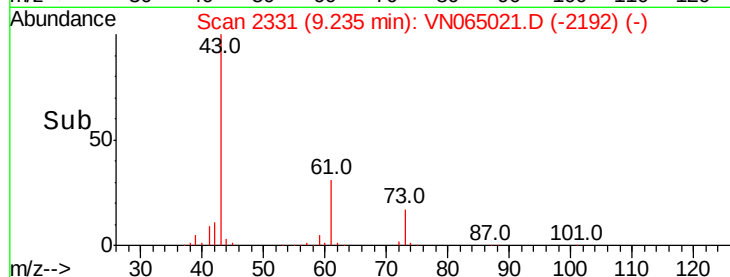
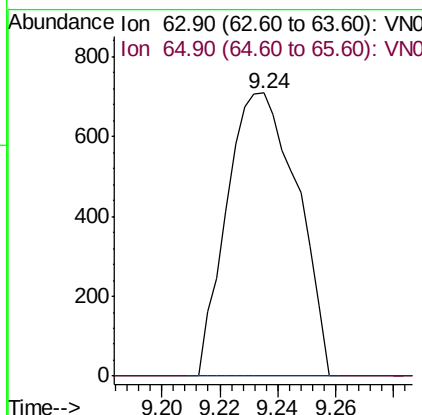
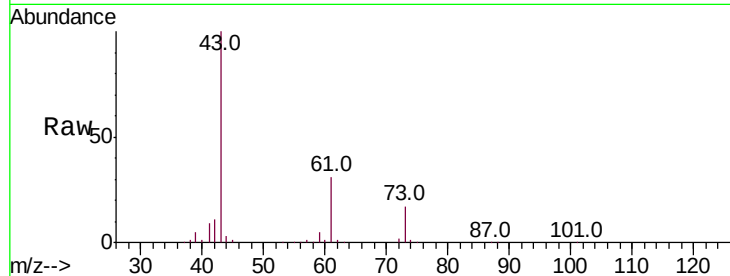




#45
 1,2-Dichloropropane
 Concen: 0.532 ug/l
 RT: 9.24 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

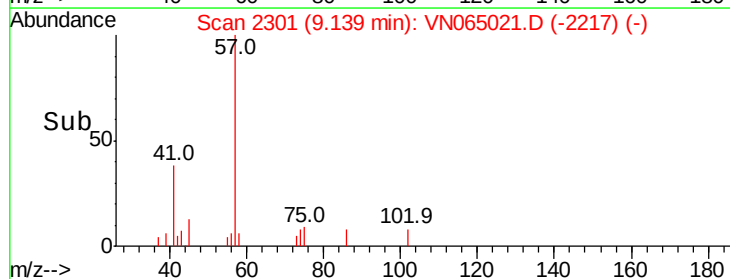
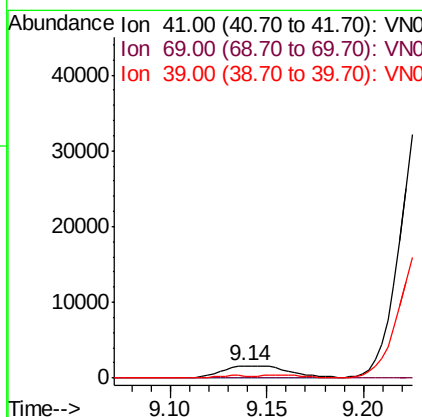
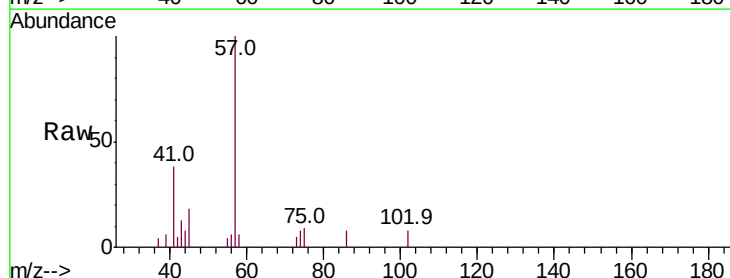
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#02

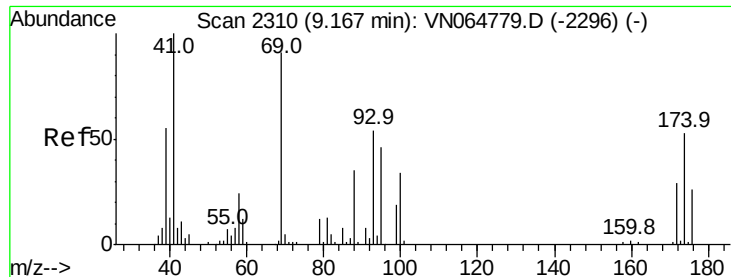
Tot Ion: 63 Resp: 1193
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.835 ug/l
 RT: 9.14 min Scan# 2301
 Delta R.T. -0.03 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

Tgt Ion: 41 Resp: 3841
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.8 107.8#
 39 0.0 44.1 66.1#





#49

1,4-Dioxane

Concen: 0.733 ug/l

RT: 9.24 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

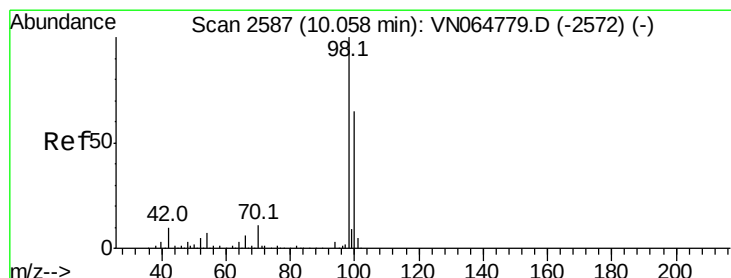
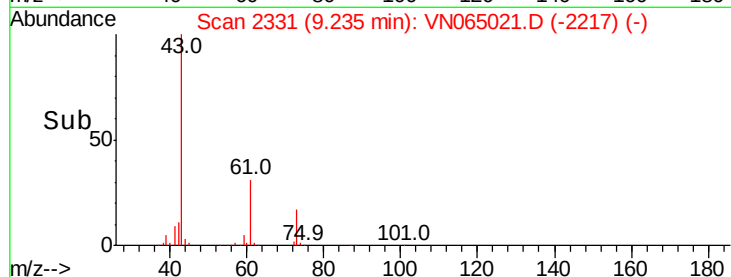
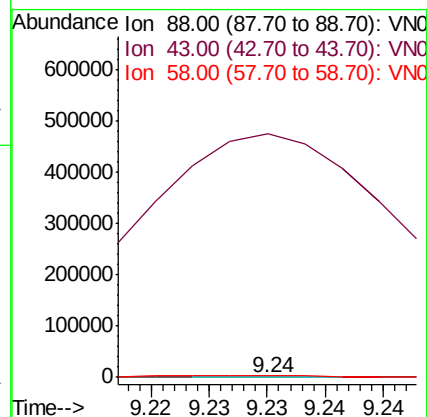
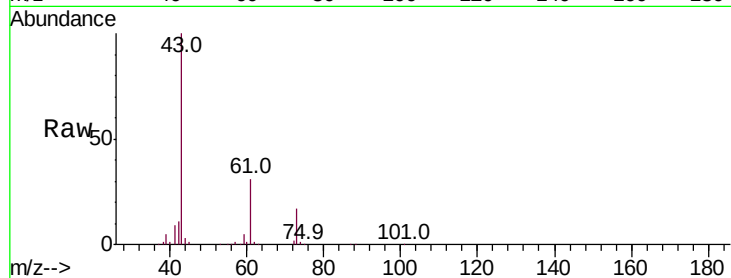
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 3002858.6 24.2 36.4#

58 16448.3 52.5 78.7#



#50

Toluene-d8

Concen: 53.695 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065021.D

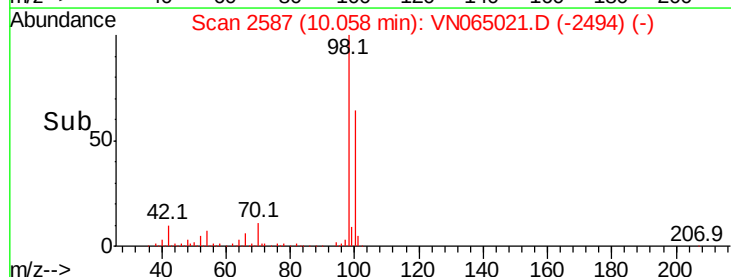
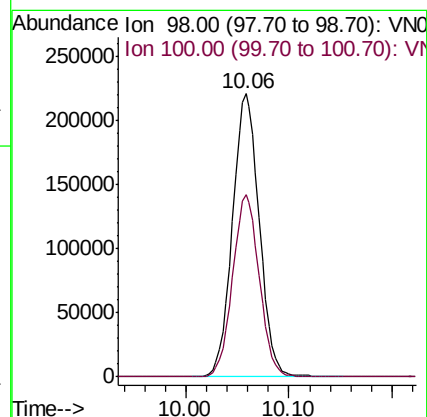
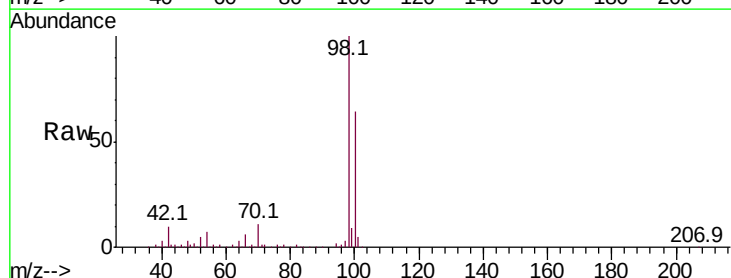
Acq: 9 Dec 2020 15:26

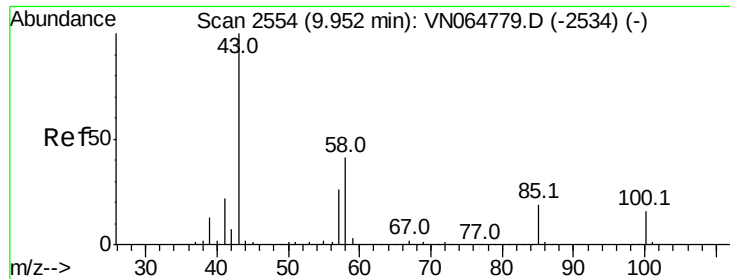
Tgt Ion: 98 Resp: 400160

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.270 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

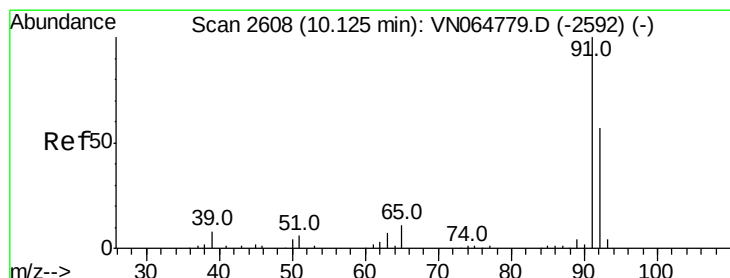
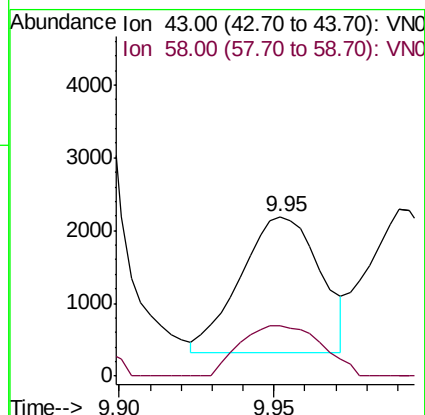
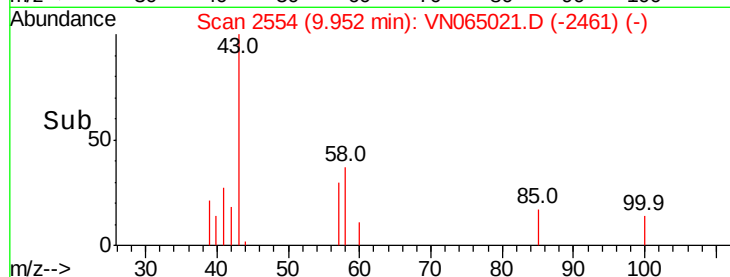
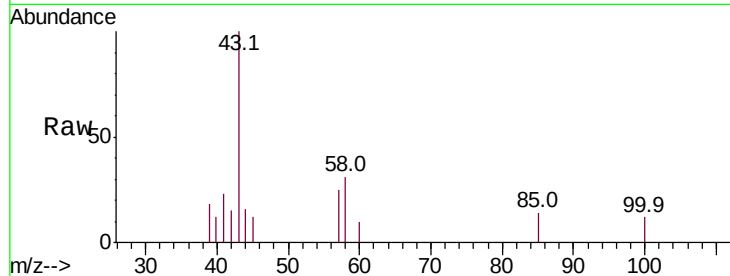
PB133472ZHE#02

Tot Ion: 43 Resp: 3338

Ion Ratio Lower Upper

43 100

58 38.3 32.4 48.6



#52

Toluene

Concen: 0.276 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN065021.D

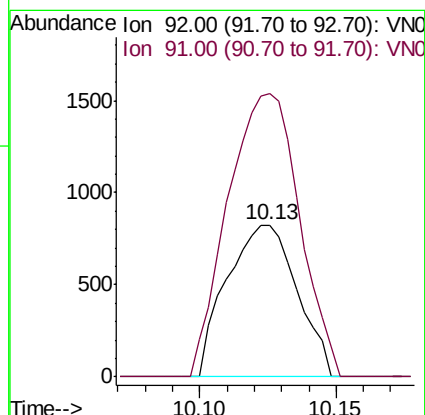
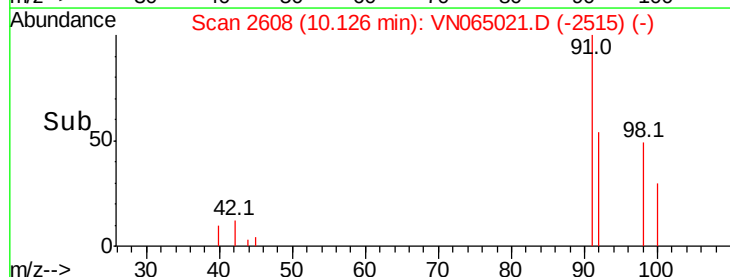
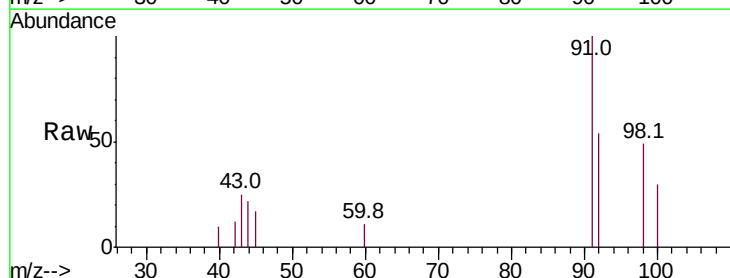
Acq: 9 Dec 2020 15:26

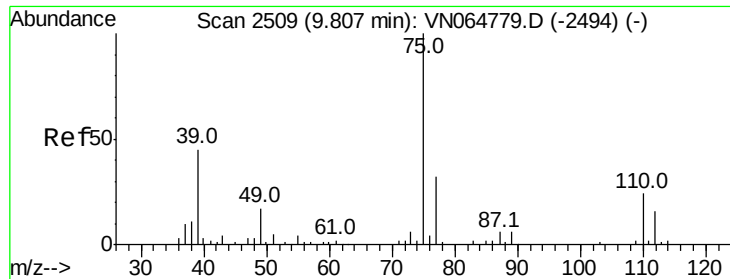
Tgt Ion: 92 Resp: 1472

Ion Ratio Lower Upper

92 100

91 190.5 139.1 208.7





#54

cis-1,3-Dichloropropene

Concen: 8.095 ug/l

RT: 9.87 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

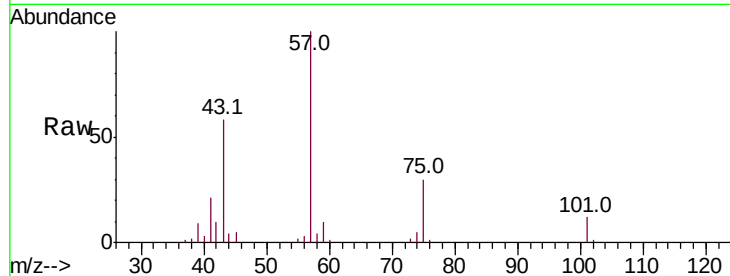
Tot Ion: 75 Resp: 29129

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

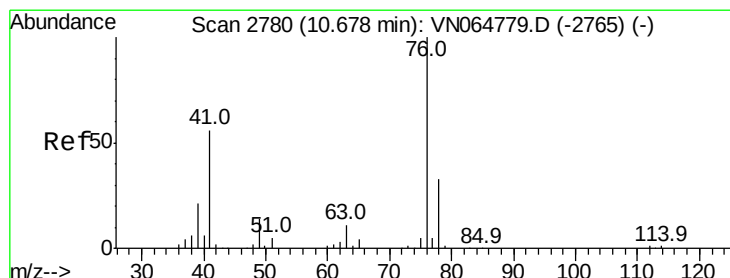
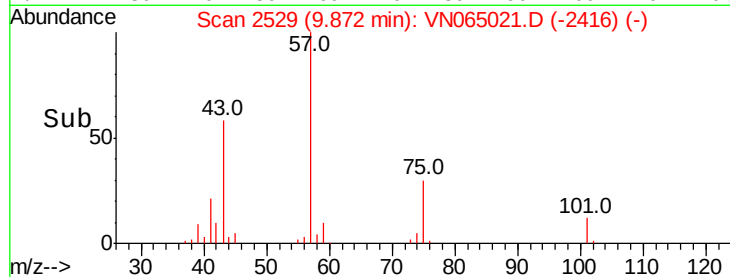
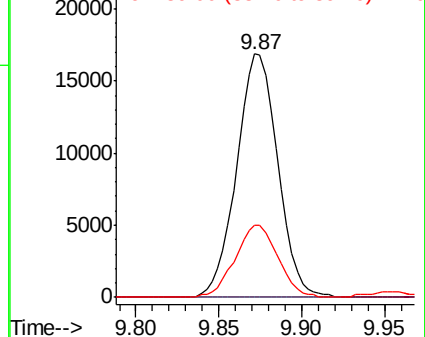
39 29.4 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 5.089 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.05 min

Lab File: VN065021.D

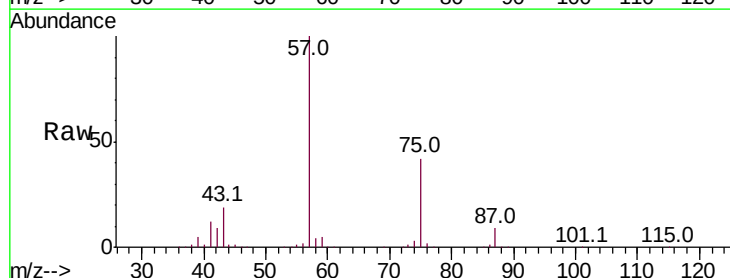
Acq: 9 Dec 2020 15:26

Tgt Ion: 76 Resp: 18404

Ion Ratio Lower Upper

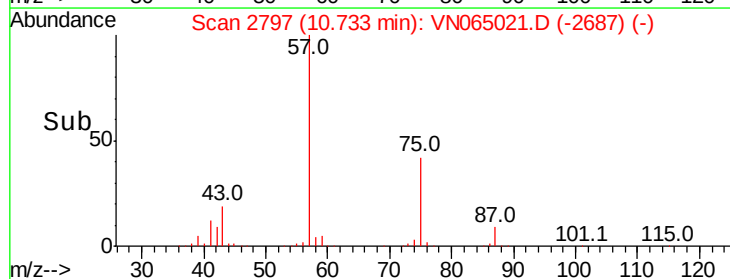
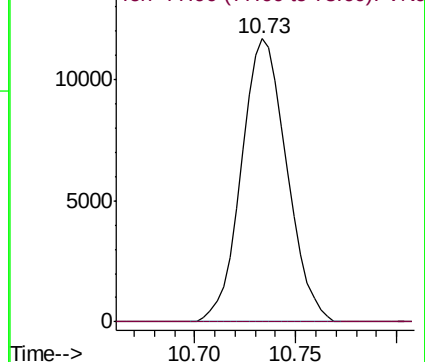
76 100

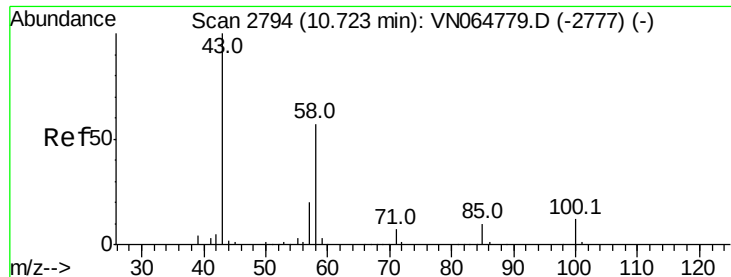
78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 121.643 ug/l

RT: 10.73 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

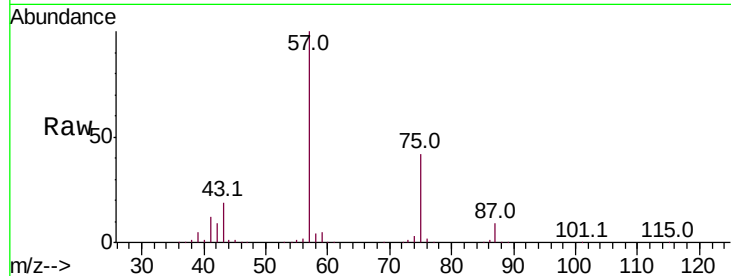
PB133472ZHE#02

Tot Ion: 43 Resp: 230168

Ion Ratio Lower Upper

43 100

58 20.5 28.3 84.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.73

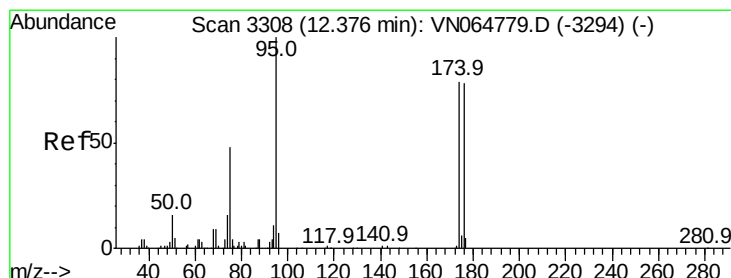
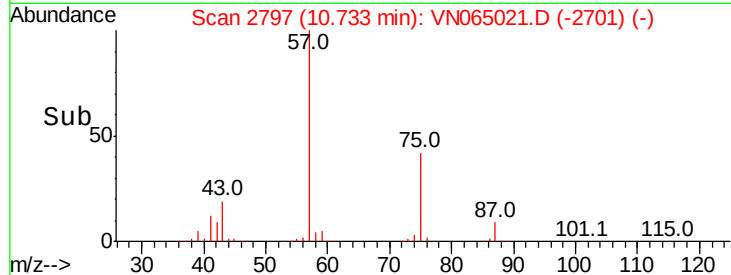
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.791 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

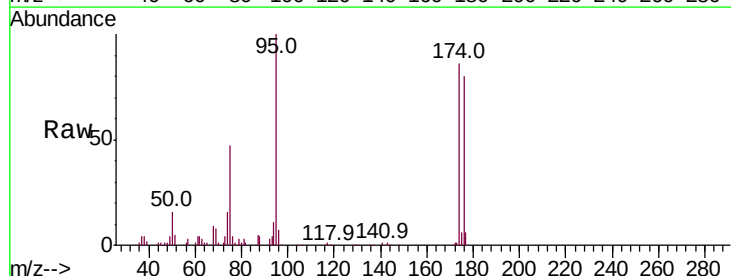
Tgt Ion: 95 Resp: 148801

Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.4

176 79.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

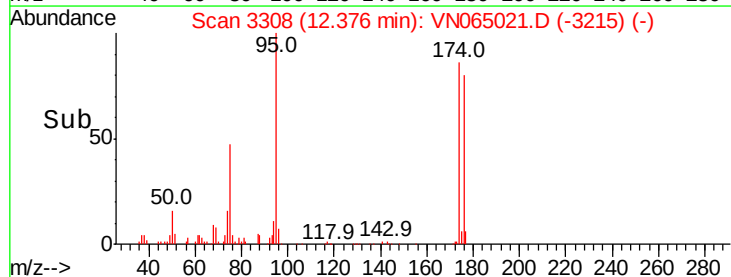
60000

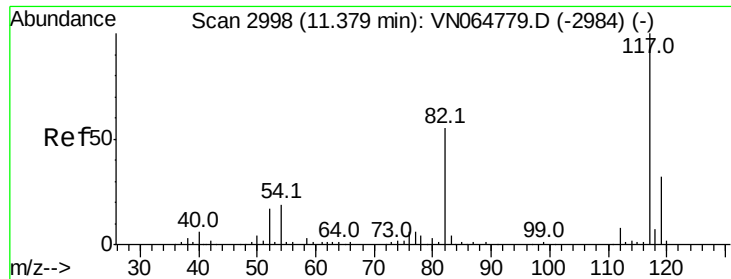
40000

20000

0

Time-->

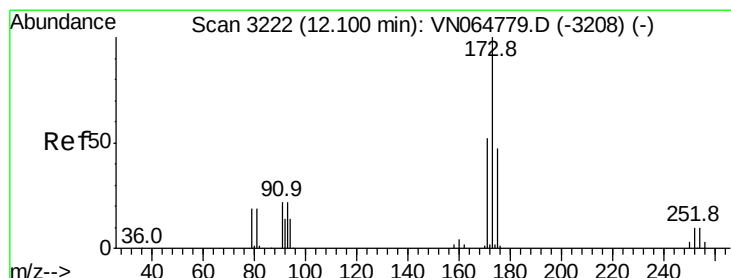
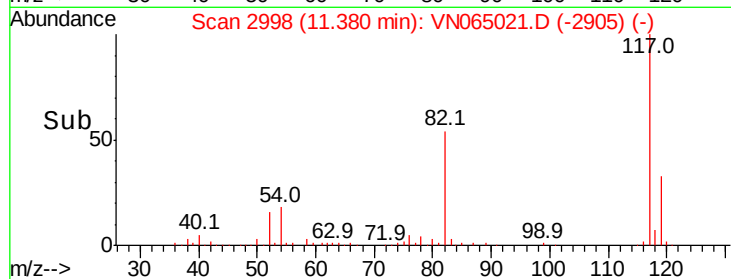
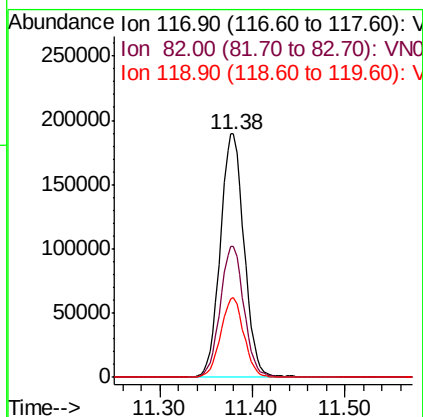
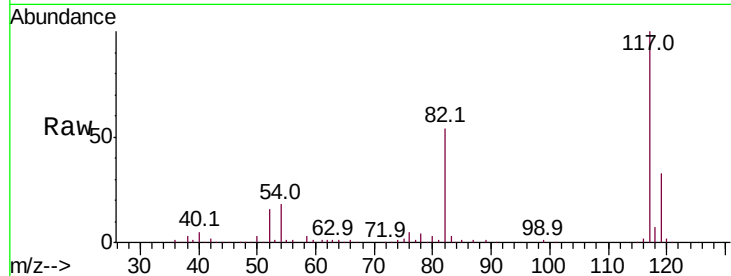




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

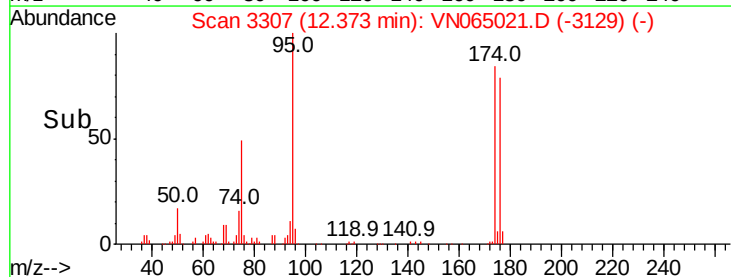
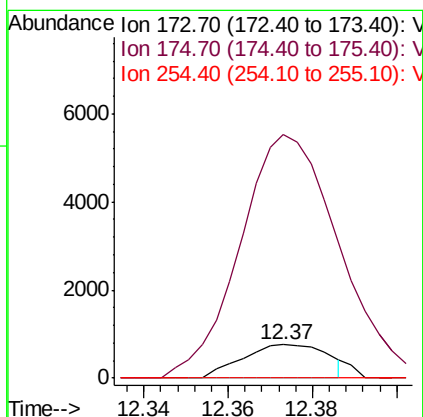
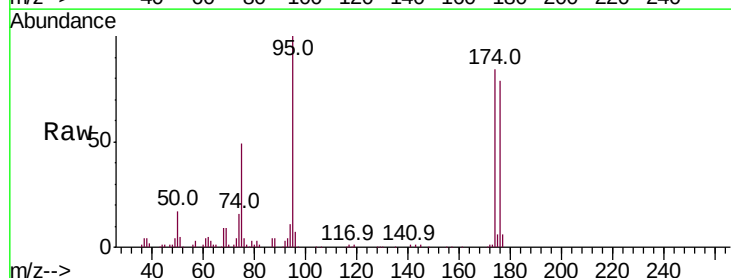
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

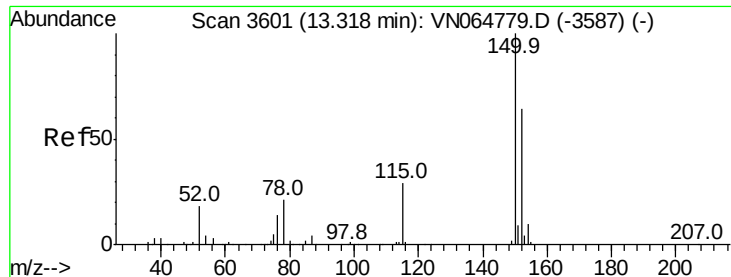
Tot Ion:117 Resp: 336780
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.6 25.8 38.6



#71
Bromoform
Concen: 0.503 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion:173 Resp: 1068
Ion Ratio Lower Upper
173 100
175 736.4 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

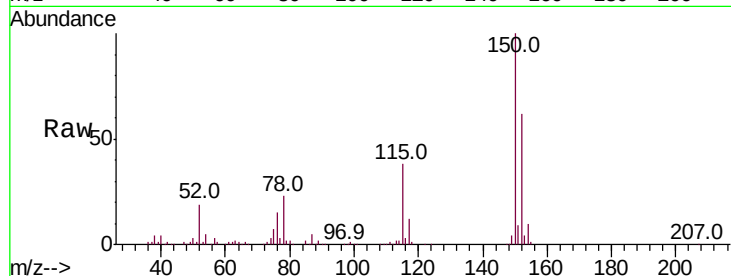
Tot Ion:152 Resp: 136609

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

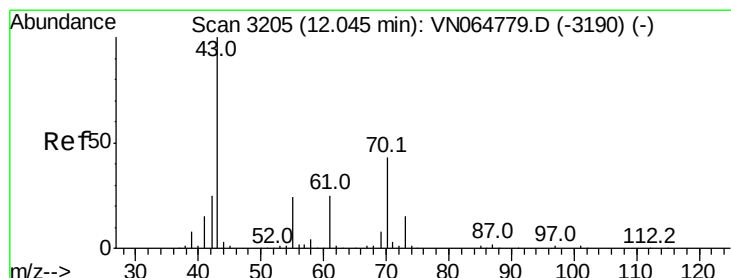
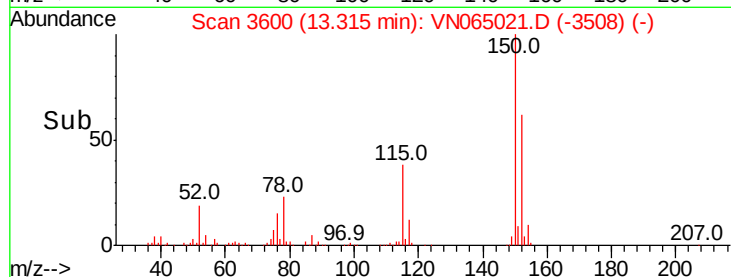
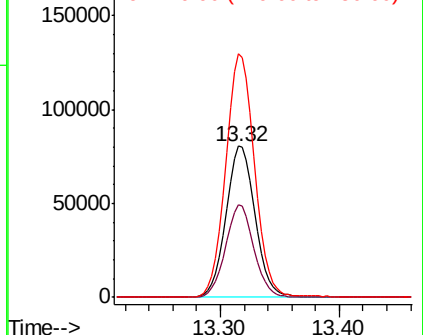
150 159.3 0.0 350.6



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-amil acetate

Concen: 2.737 ug/l

RT: 11.85 min Scan# 3144

Delta R.T. -0.20 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Tgt Ion: 43 Resp: 10233

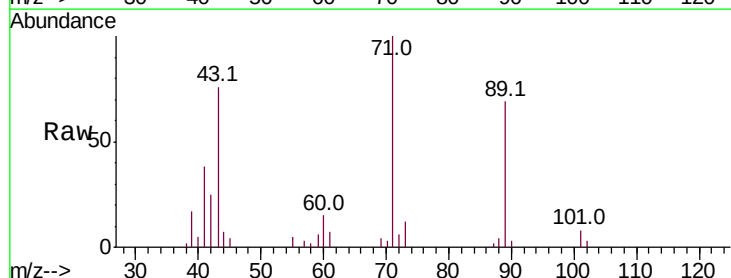
Ion Ratio Lower Upper

43 100

70 3.2 34.5 51.7#

55 5.7 20.4 30.6#

61 9.9 20.0 30.0#

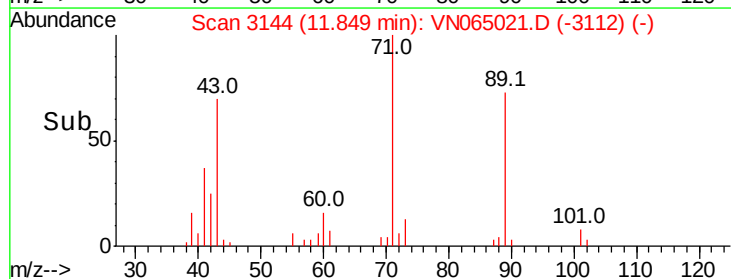
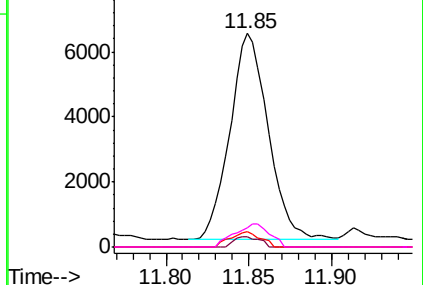


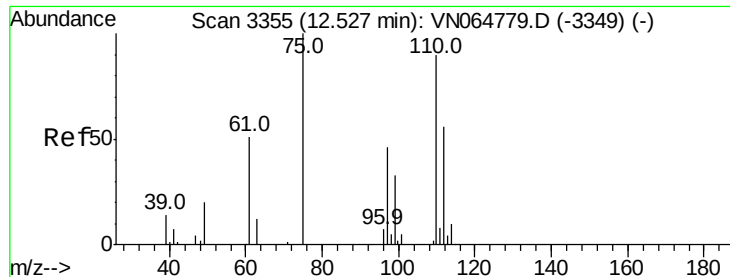
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 23.793 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

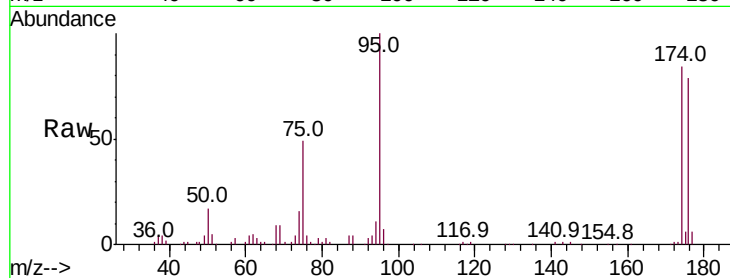
PB133472ZHE#02

Tot Ion: 75 Resp: 69998

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

12.37

40000

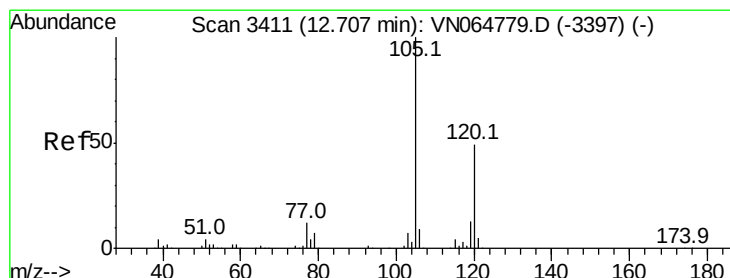
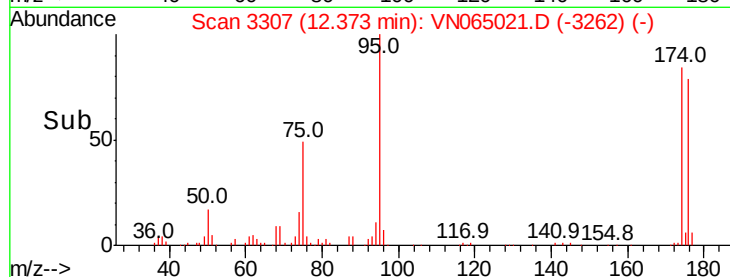
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.264 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN065021.D

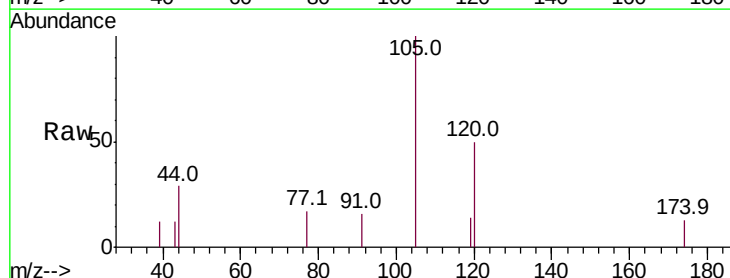
Acq: 9 Dec 2020 15:26

Tgt Ion: 105 Resp: 2088

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

12.71

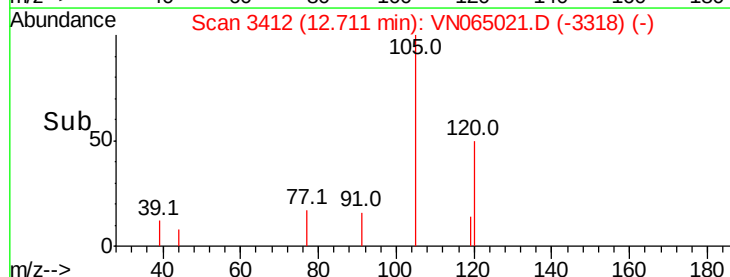
1500

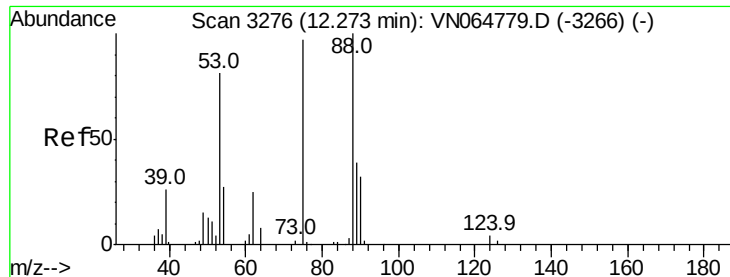
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 65.210 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

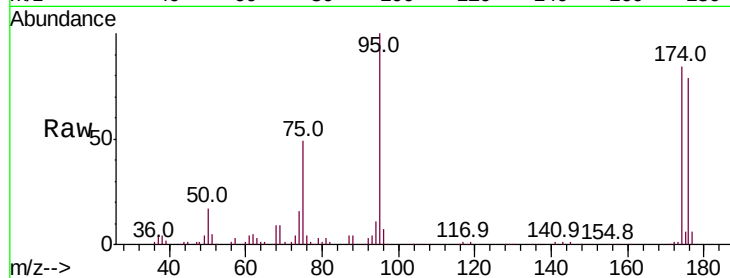
Tot Ion: 75 Resp: 69998

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

89 0.0 39.6 59.4#



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

