

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075425.D
 Acq On : 25 Nov 2022 16:54
 Operator : JC\MD
 Sample : N5756-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20221117

Quant Time: Nov 28 03:37:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

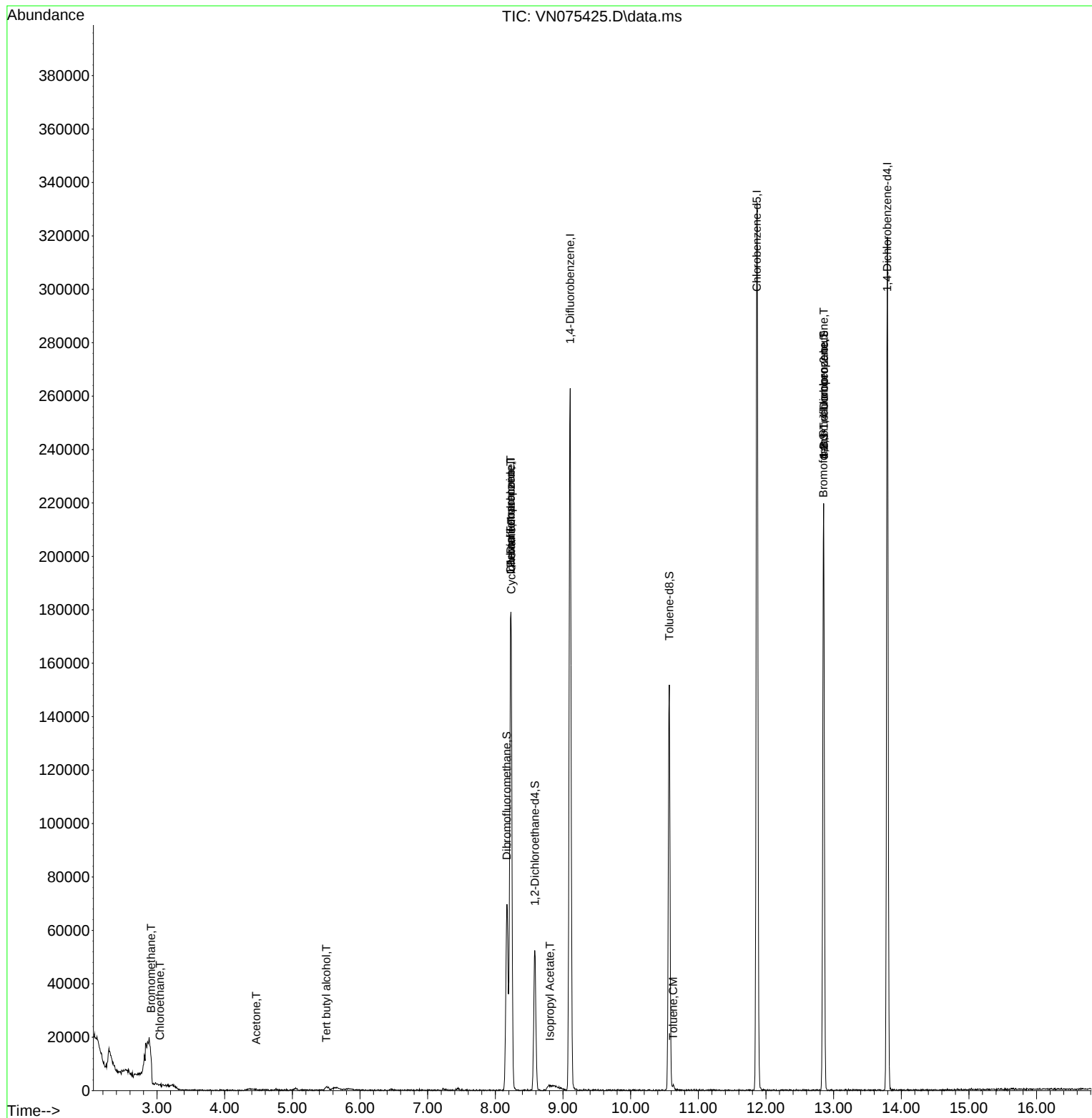
Internal Standards						
1) Pentafluorobenzene	8.230	168	140176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	245019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42241	56.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.280%			
35) Dibromofluoromethane	8.171	113	50545	52.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.020%			
50) Toluene-d8	10.571	98	107241	49.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.940%			
62) 4-Bromofluorobenzene	12.853	95	75029	46.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.780%			
Target Compounds						Qvalue
5) Bromomethane	2.912	94	327	0.221	ug/l #	78
6) Chloroethane	3.042	64	311	0.244	ug/l #	45
11) Tert butyl alcohol	5.500	59	372	1.178	ug/l #	72
16) Acetone	4.465	43	319	0.455	ug/l #	46
18) Methyl Acetate	5.053	43	1442	Below Cal	#	69
31) Cyclohexane	8.235	56	2616	1.094	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	10192	4.856	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14159	6.141	ug/l #	17
43) Isopropyl Acetate	8.806	43	2516	0.829	ug/l #	53
52) Toluene	10.629	92	923	0.223	ug/l	88
71) Bromoform	12.847	173	537	0.427	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	37981	22.719	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37981	67.220	ug/l #	10

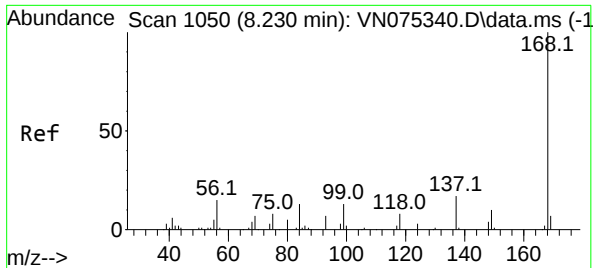
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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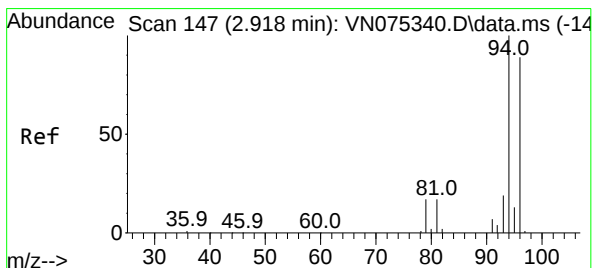
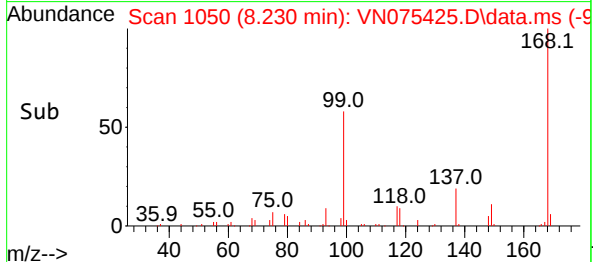
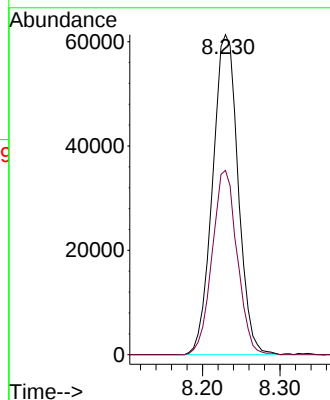
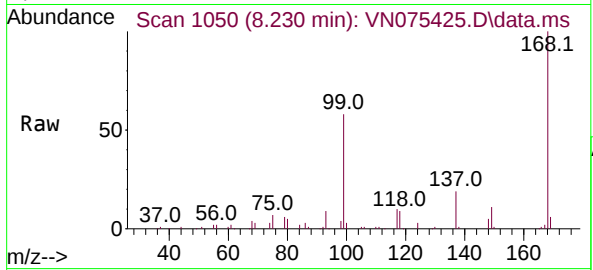




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

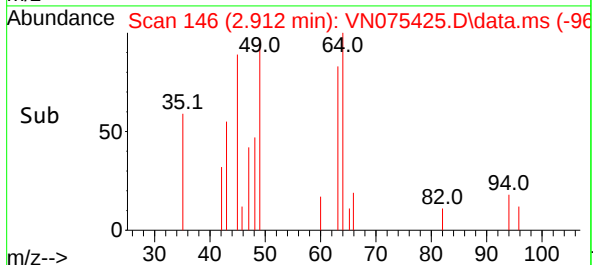
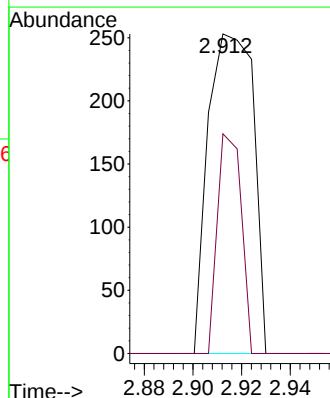
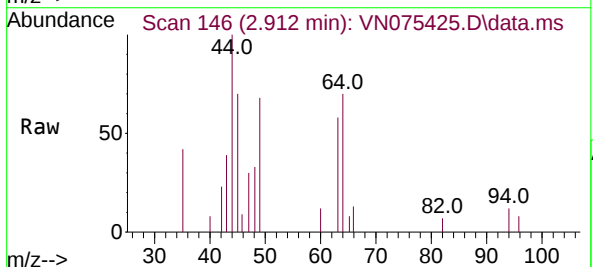
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20221117

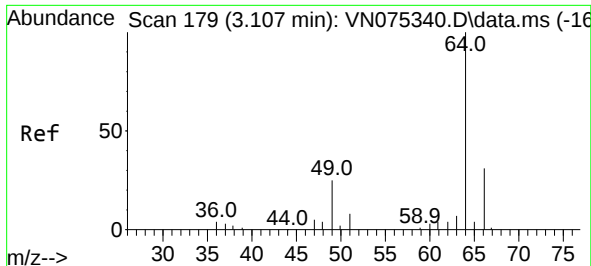
Tgt Ion:168 Resp: 140176
Ion Ratio Lower Upper
168 100
99 57.6 51.6 77.4



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 68.8 71.8 107.6#

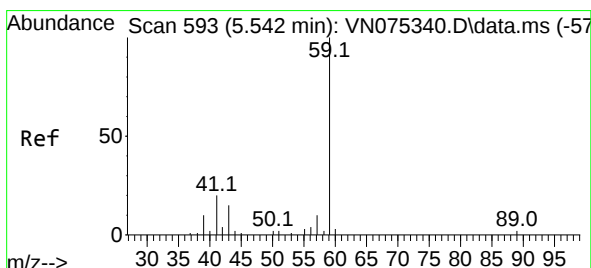
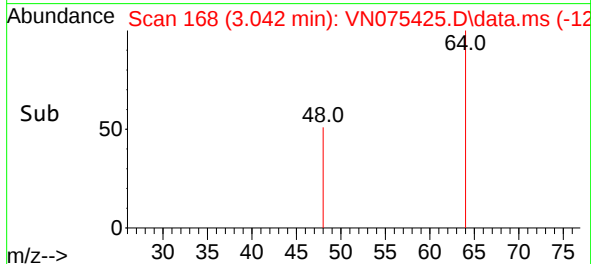
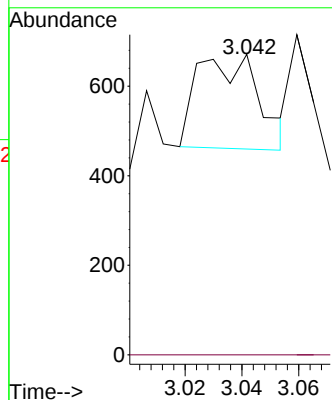
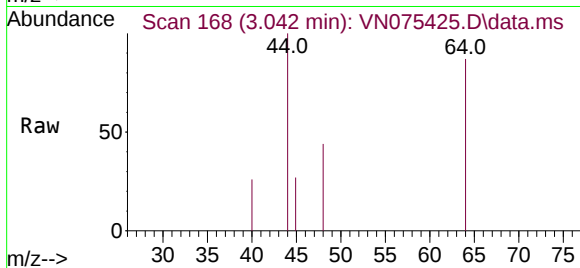




#6
Chloroethane
Concen: 0.244 ug/l
RT: 3.042 min Scan# 1
Delta R.T. -0.065 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

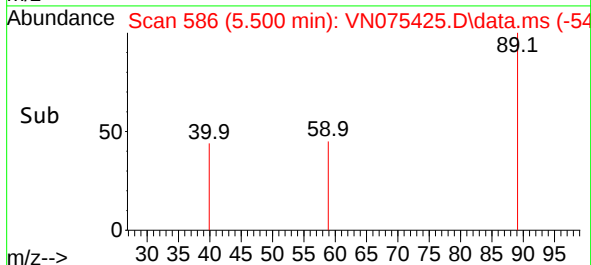
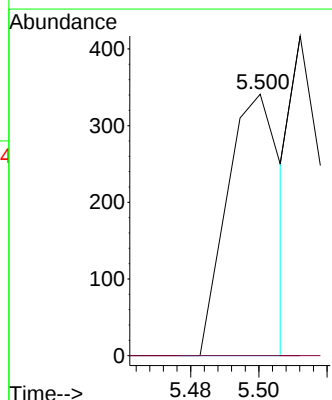
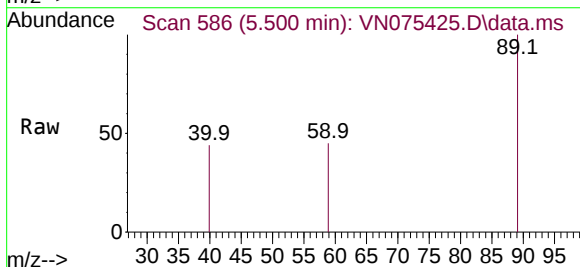
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20221117

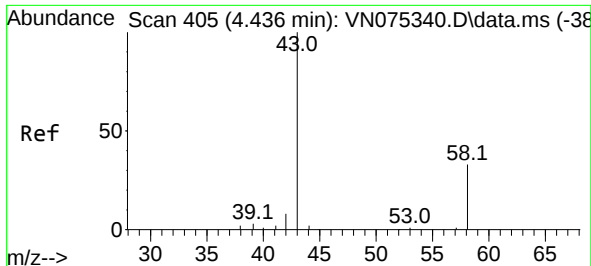
Tgt Ion: 64 Resp: 311
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.178 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.042 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion: 59 Resp: 372
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 0.455 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.029 min

Lab File: VN075425.D

Acq: 25 Nov 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

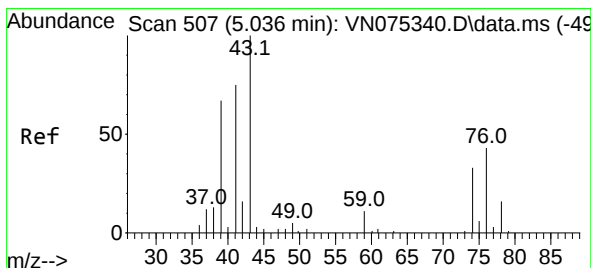
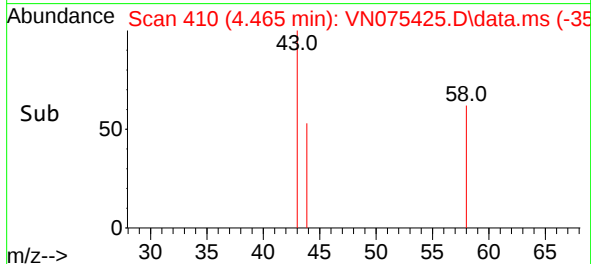
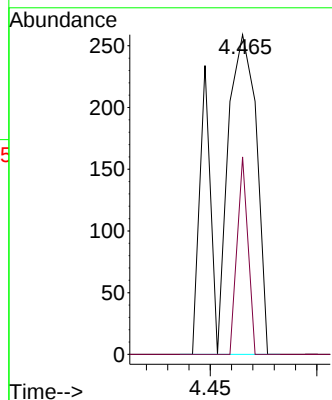
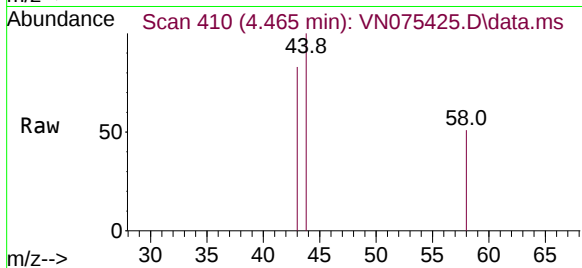
TT163S1-20221117

Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

58 61.8 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.053 min Scan# 510

Delta R.T. 0.017 min

Lab File: VN075425.D

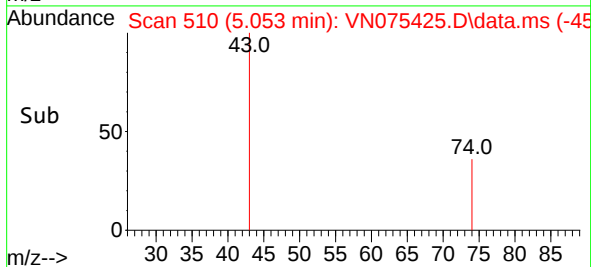
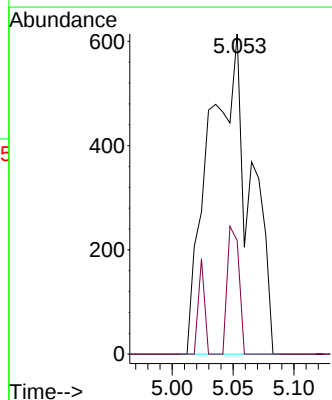
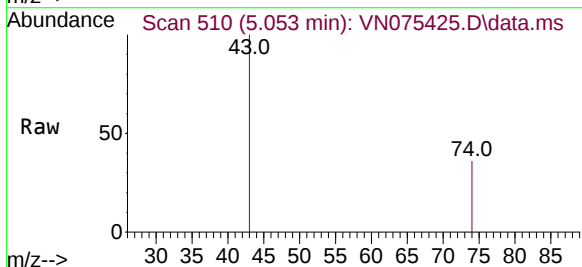
Acq: 25 Nov 2022 16:54

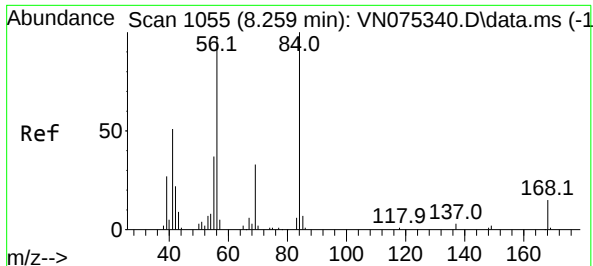
Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

74 11.3 22.0 33.0#

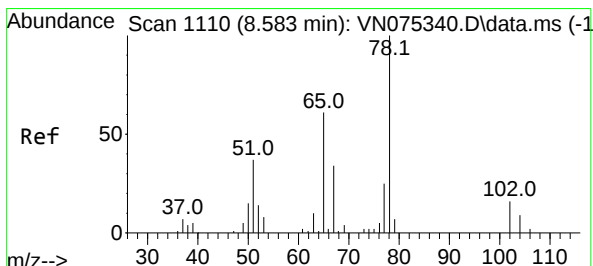
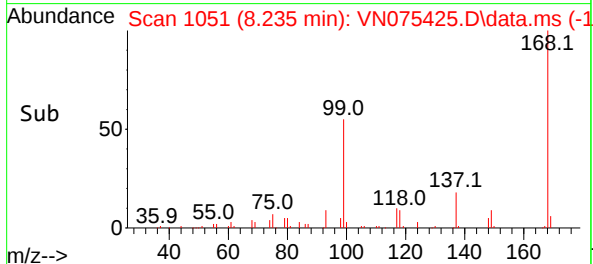
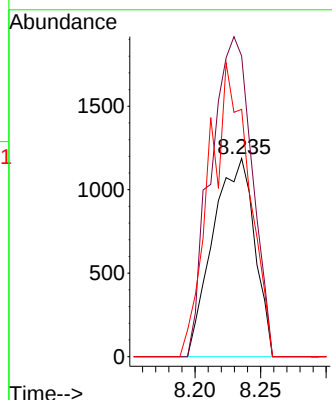
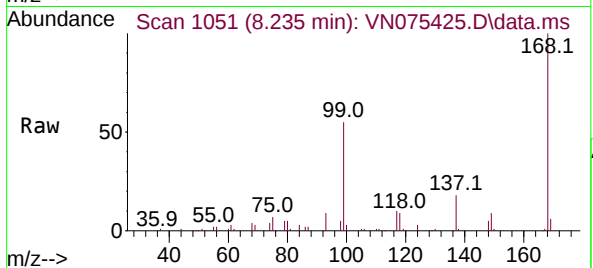




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

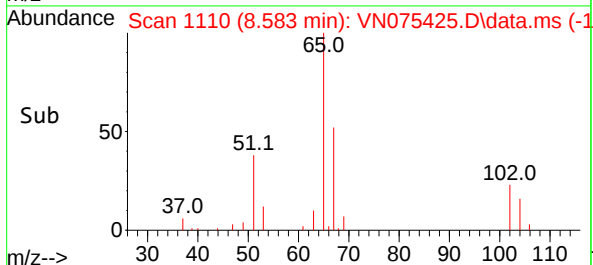
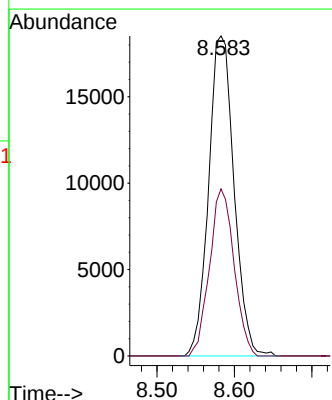
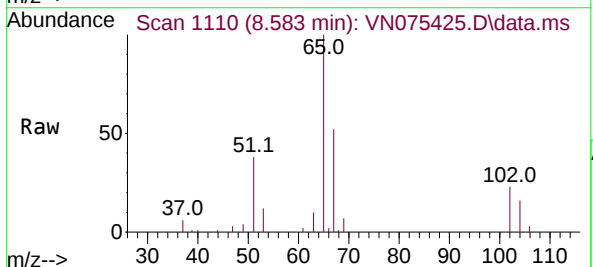
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20221117

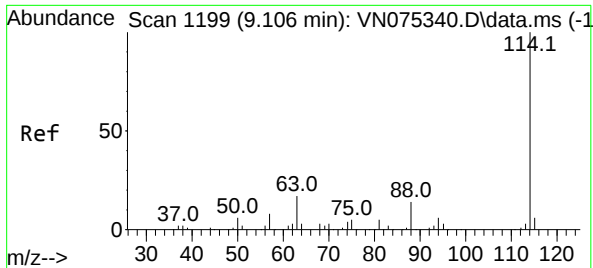
Tgt Ion: 56 Resp: 2616
Ion Ratio Lower Upper
56 100
69 151.7 25.2 37.8#
84 124.9 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 56.138 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion: 65 Resp: 42241
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.0

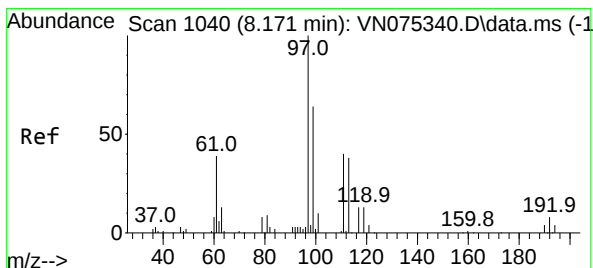
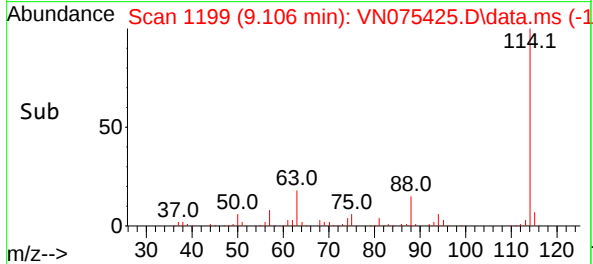
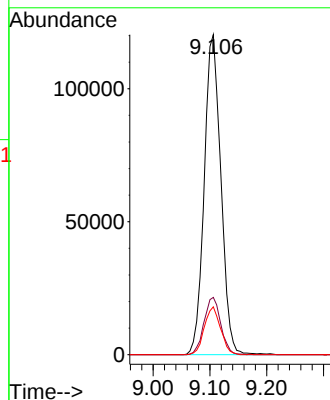
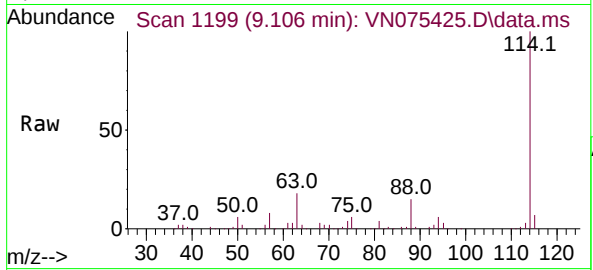




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

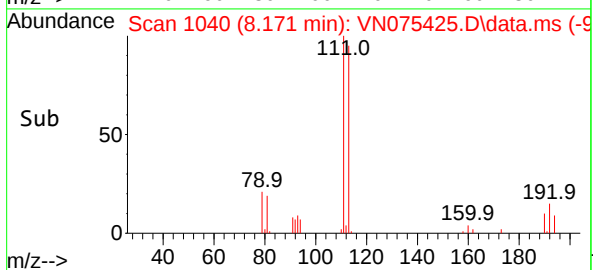
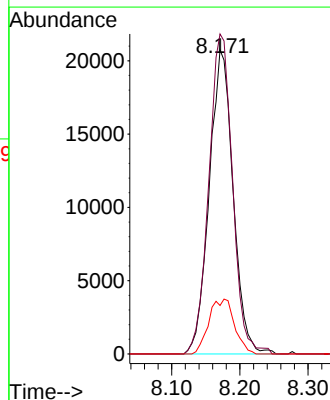
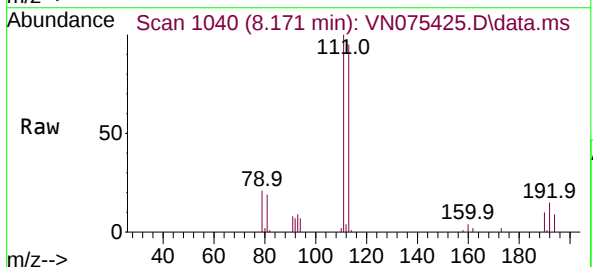
Instrument :
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ClientSampleId :
TT163S1-20221117

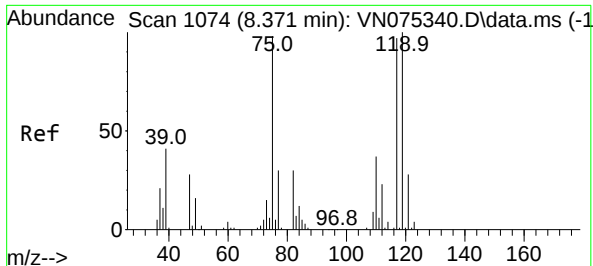
Tgt Ion:114 Resp: 245019
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.513 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion:113 Resp: 50545
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 19.3 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075425.D

Acq: 25 Nov 2022 16:54

Instrument :

MSVOA_N

ClientSampleId :

TT163S1-20221117

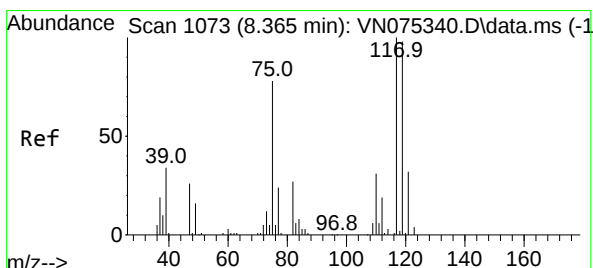
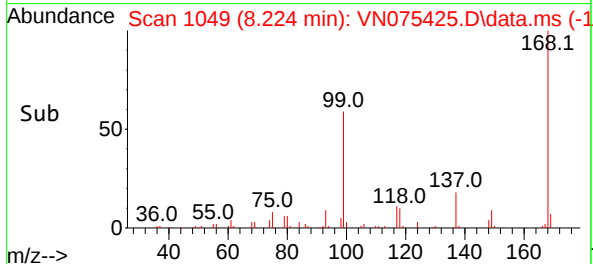
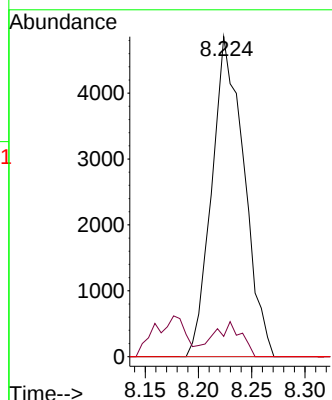
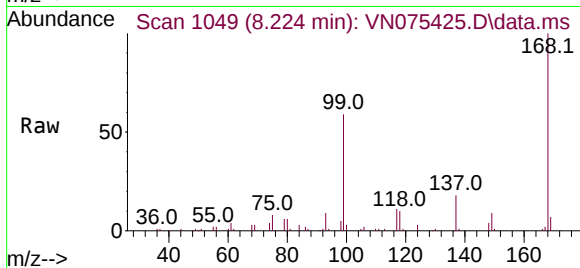
Tgt Ion: 75 Resp: 10192

Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.141 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN075425.D

Acq: 25 Nov 2022 16:54

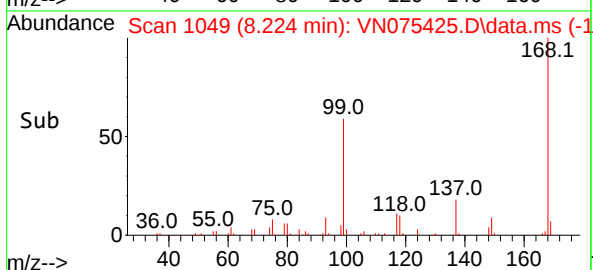
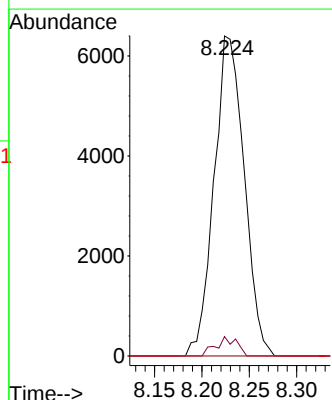
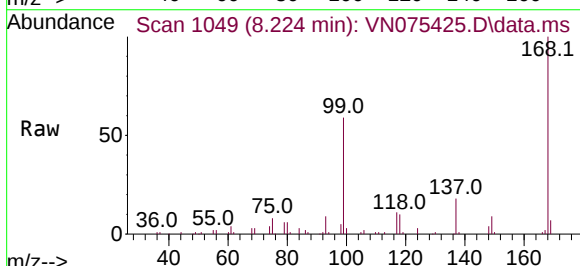
Tgt Ion: 117 Resp: 14159

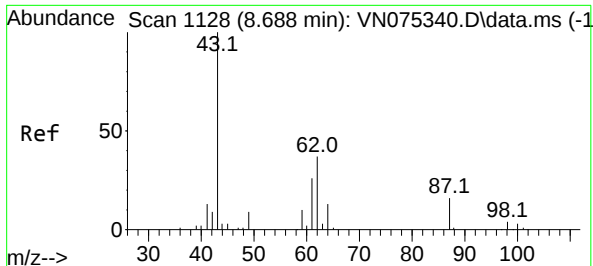
Ion Ratio Lower Upper

117 100

119 6.0 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.829 ug/l

RT: 8.806 min Scan# 1128

Delta R.T. 0.118 min

Lab File: VN075425.D

Acq: 25 Nov 2022 16:54

Instrument :

MSVOA_N

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TT163S1-20221117

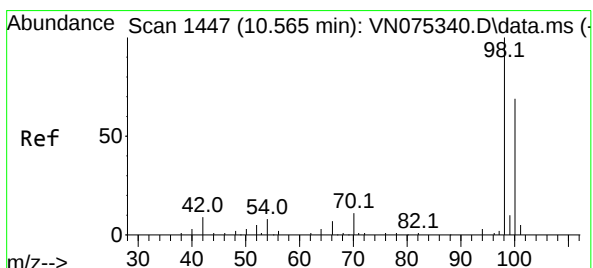
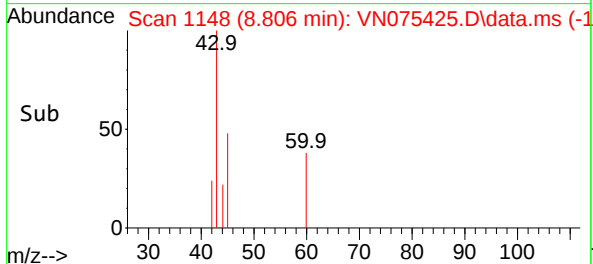
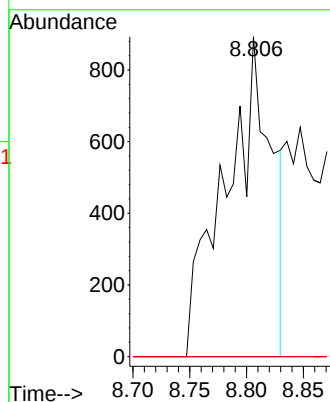
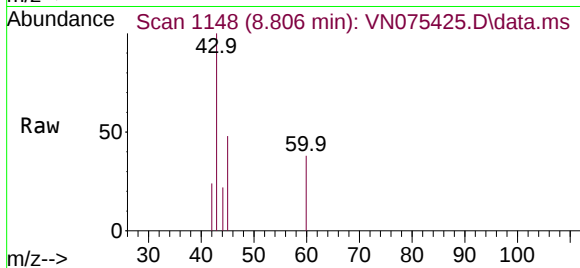
Tgt Ion: 43 Resp: 2516

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 49.469 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075425.D

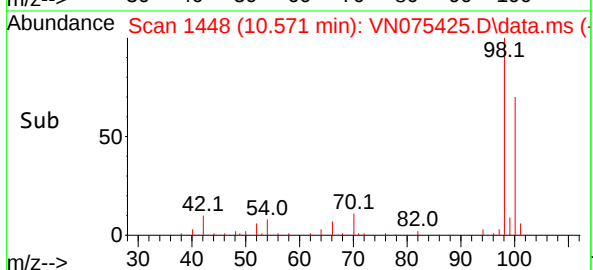
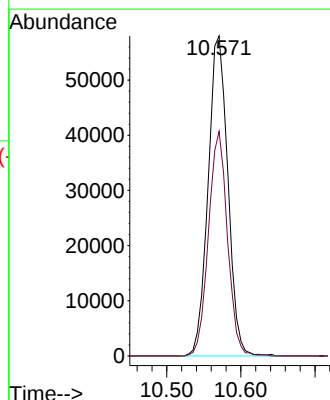
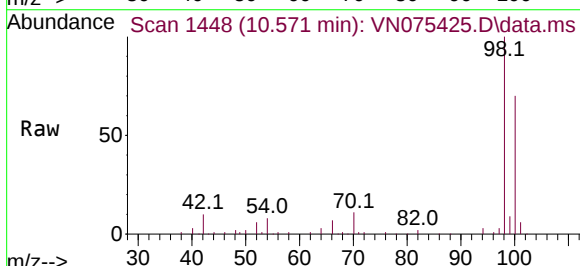
Acq: 25 Nov 2022 16:54

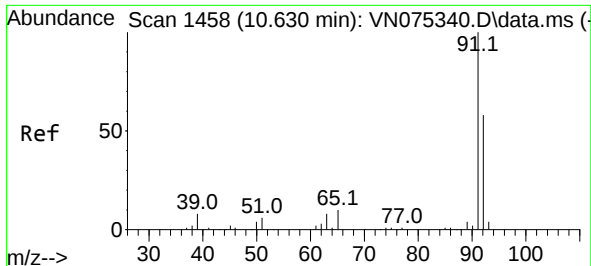
Tgt Ion: 98 Resp: 107241

Ion Ratio Lower Upper

98 100

100 67.4 53.0 79.6

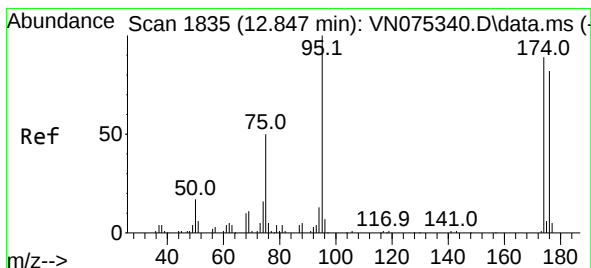
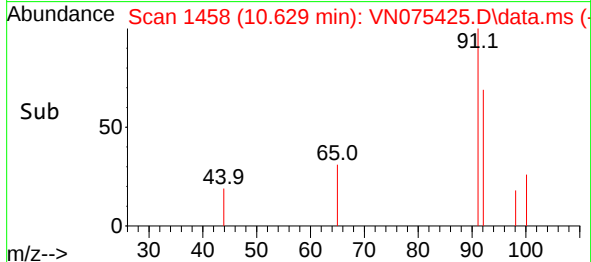
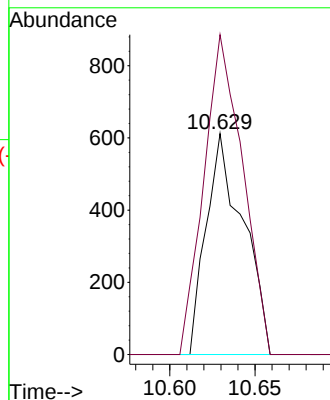
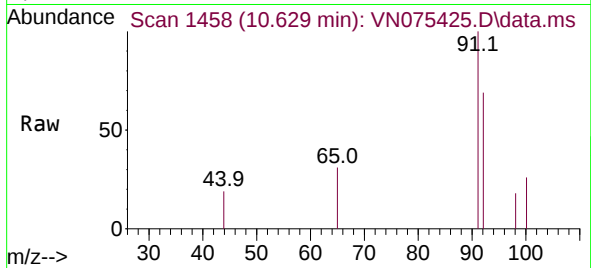




#52
Toluene
Concen: 0.223 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

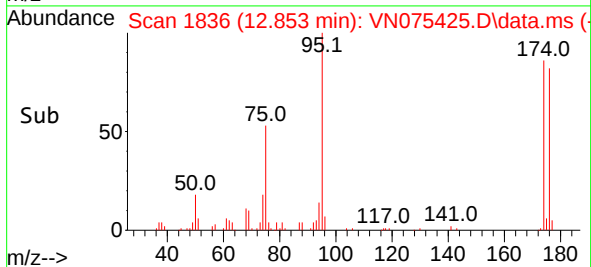
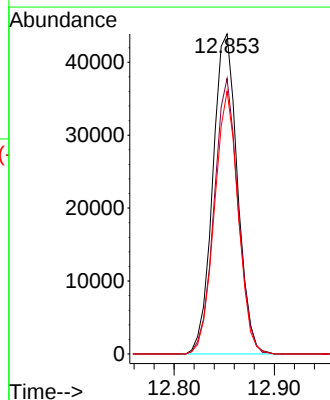
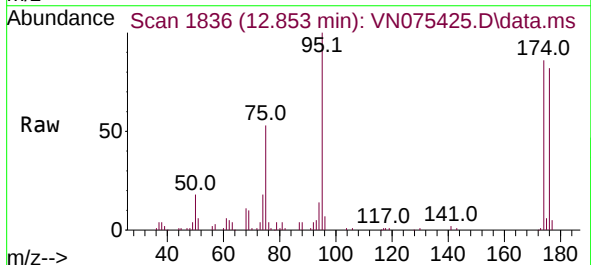
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20221117

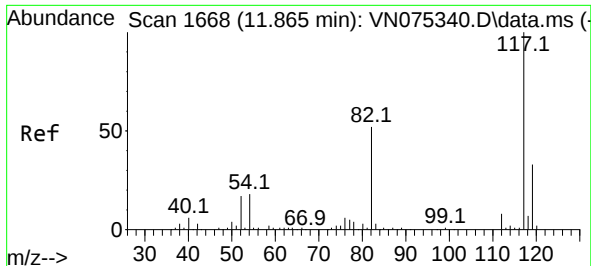
Tgt Ion: 92 Resp: 923
Ion Ratio Lower Upper
92 100
91 152.3 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 46.890 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion: 95 Resp: 75029
Ion Ratio Lower Upper
95 100
174 83.3 0.0 147.4
176 79.0 0.0 142.2

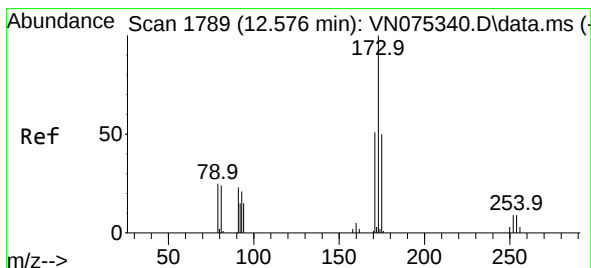
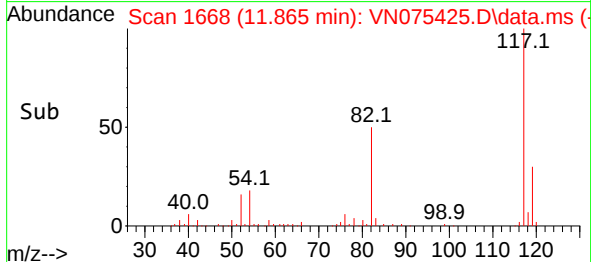
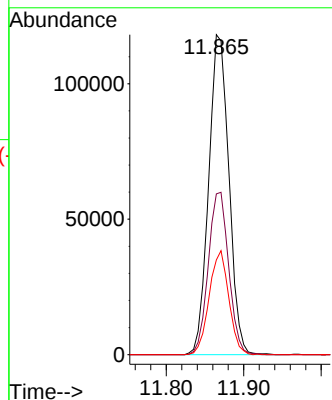
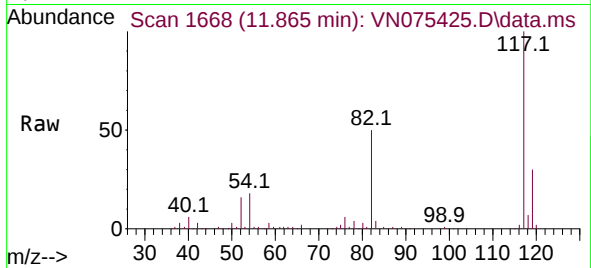




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

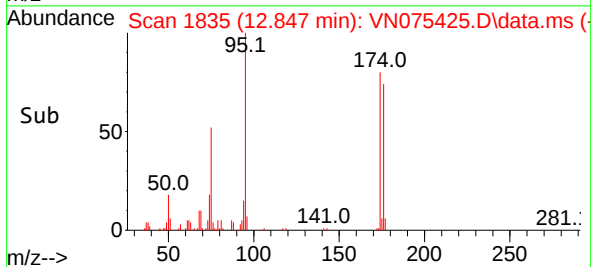
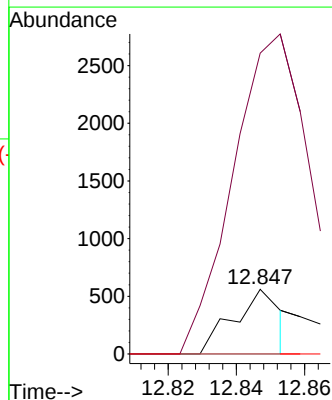
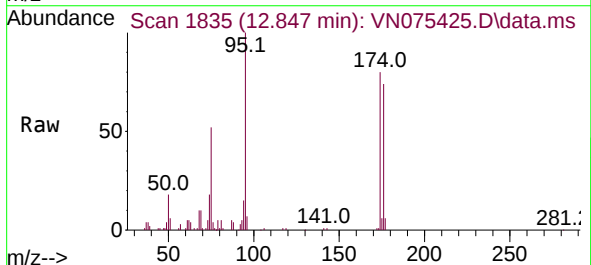
Instrument :
MSVOA_N
ClientSampleId :
TT163S1-20221117

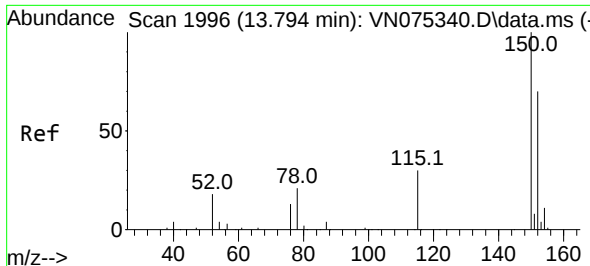
Tgt Ion:117 Resp: 214170
Ion Ratio Lower Upper
117 100
82 50.3 43.1 64.7
119 29.6 25.5 38.3



#71
Bromoform
Concen: 0.427 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075425.D
Acq: 25 Nov 2022 16:54

Tgt Ion:173 Resp: 537
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

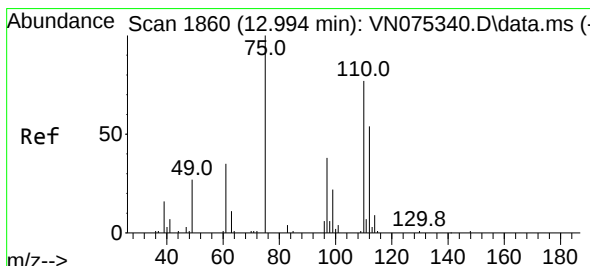
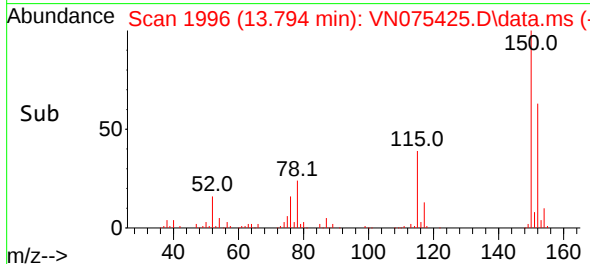
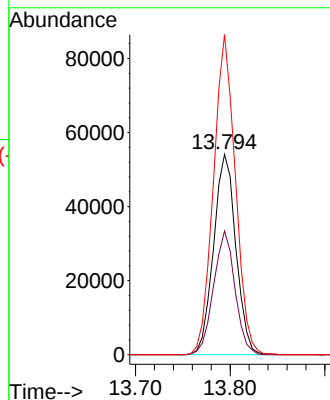
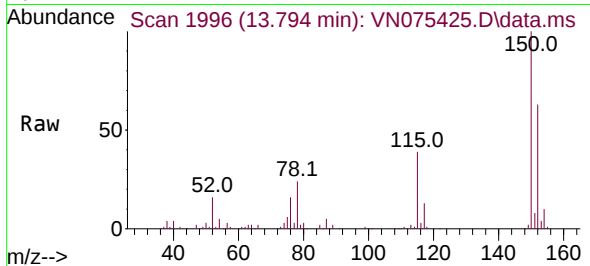




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075425.D
 Acq: 25 Nov 2022 16:54

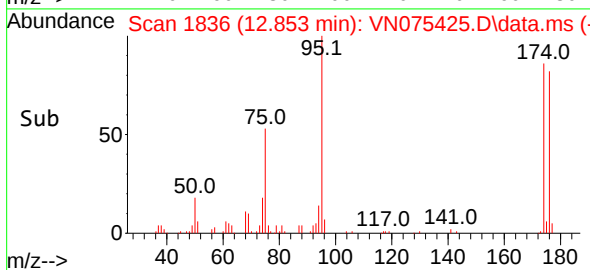
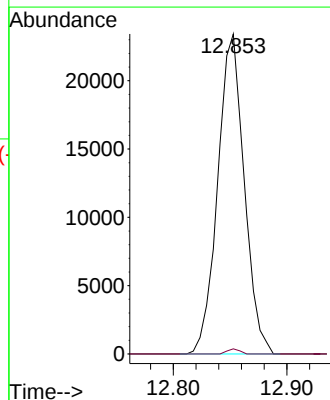
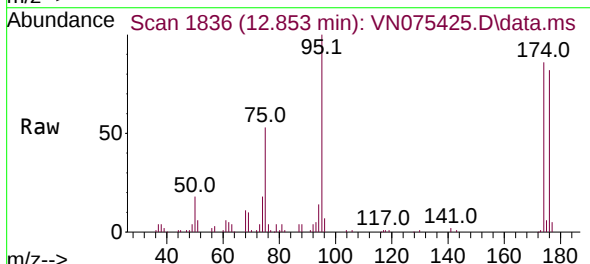
Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20221117

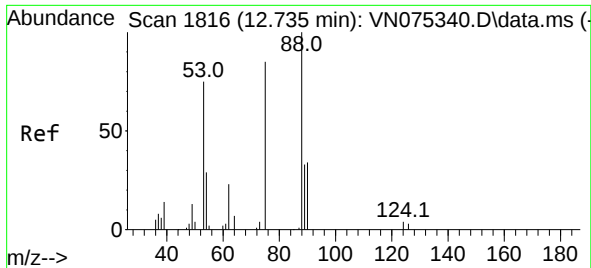
Tgt Ion:152 Resp: 88420
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.2 90.6
 150 157.4 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 22.719 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075425.D
 Acq: 25 Nov 2022 16:54

Tgt Ion: 75 Resp: 37981
 Ion Ratio Lower Upper
 75 100
 77 0.8 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.220 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075425.D
 Acq: 25 Nov 2022 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TT163S1-20221117

Tgt Ion: 75 Resp: 37981
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

