

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075755.D
 Acq On : 13 Dec 2022 10:51
 Operator : JC\MD
 Sample : N5951-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 13 13:05:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

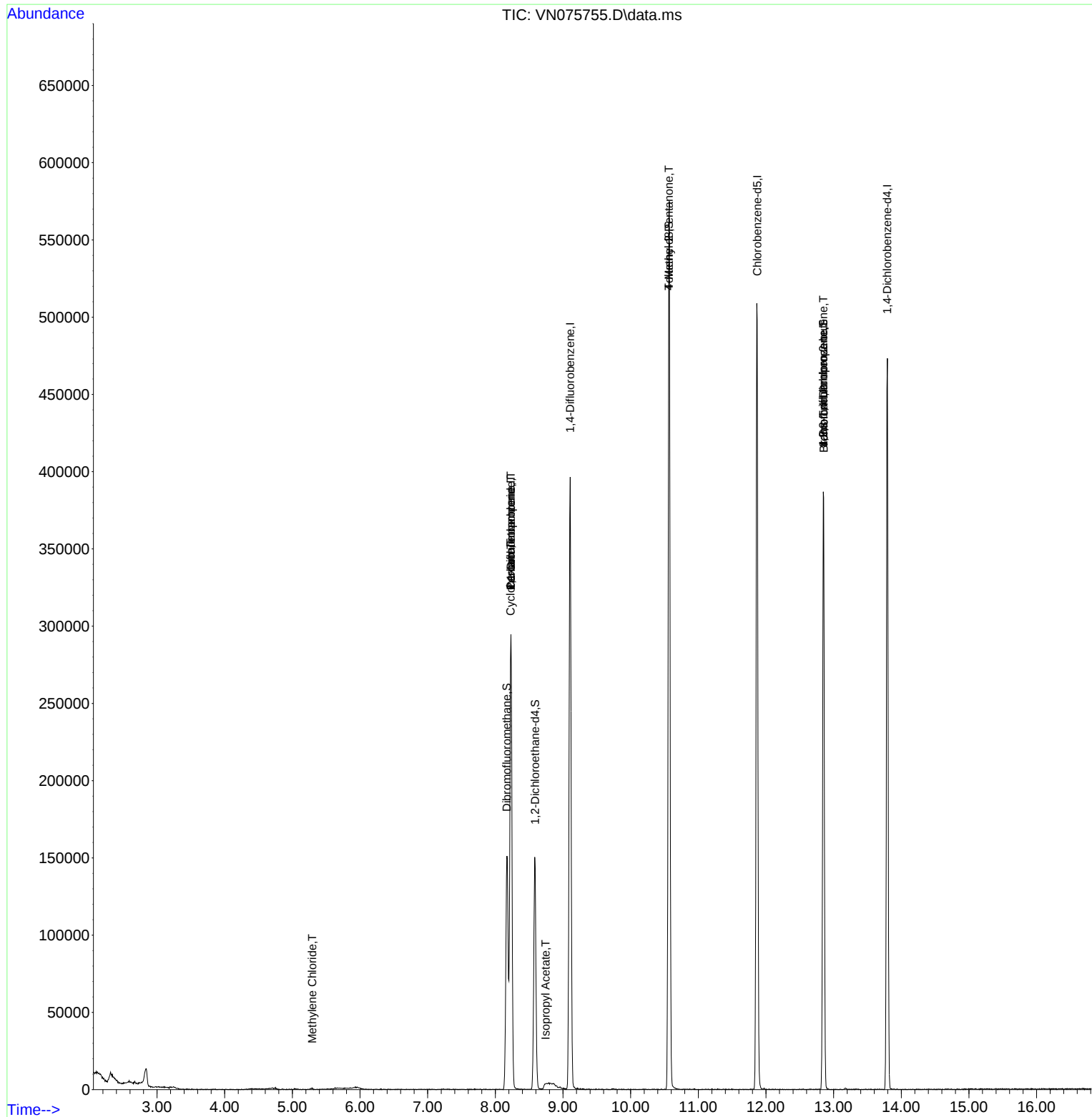
Internal Standards						
1) Pentafluorobenzene	8.230	168	231960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	121363	49.311	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.620%
35) Dibromofluoromethane	8.171	113	109456	48.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	10.565	98	419763	49.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.847	95	131689	45.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.295	84	712	0.287	ug/l #	76
31) Cyclohexane	8.224	56	4277	1.174	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	15847	5.317	ug/l #	43
38) Carbon Tetrachloride	8.230	117	22851	6.644	ug/l #	15
43) Isopropyl Acetate	8.741	43	2461	0.616	ug/l #	51
51) 4-Methyl-2-Pentanone	10.565	43	1636	0.664	ug/l #	1
71) Bromoform	12.853	173	1352	0.742	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65544	24.073	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65544	76.904	ug/l #	13

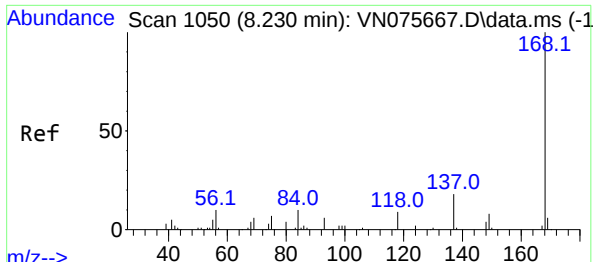
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075755.D

Acq: 13 Dec 2022 10:51

Instrument :

MSVOA_N

ClientSampleId :

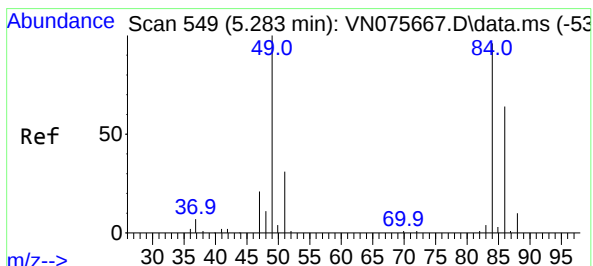
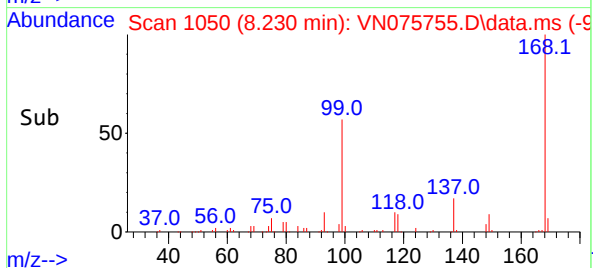
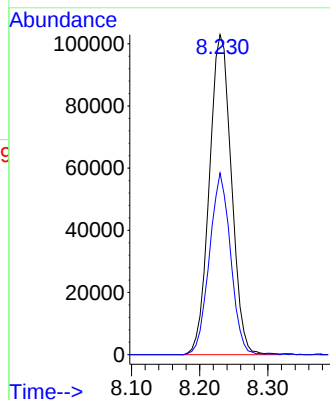
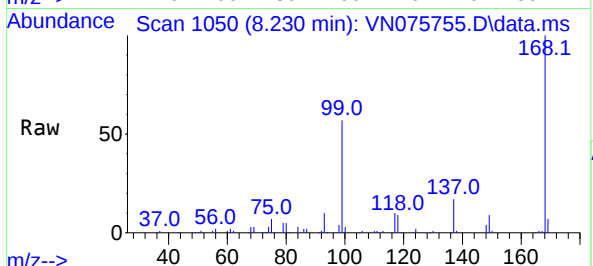
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 231960

Ion Ratio Lower Upper

168 100

99 56.7 41.2 61.8



#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 5.295 min Scan# 551

Delta R.T. 0.012 min

Lab File: VN075755.D

Acq: 13 Dec 2022 10:51

Tgt Ion: 84 Resp: 712

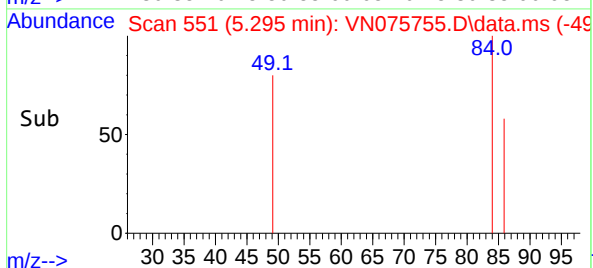
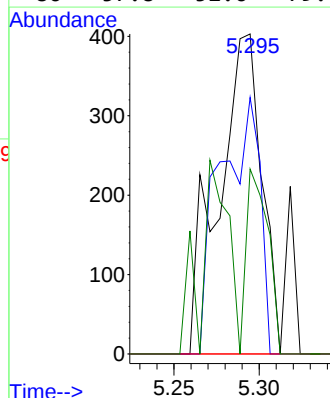
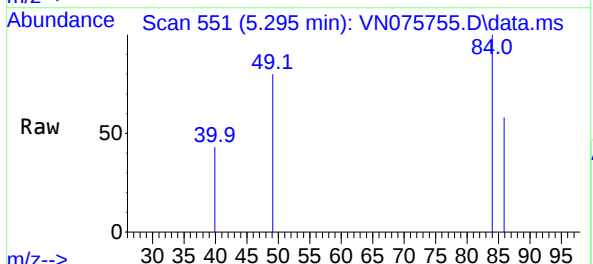
Ion Ratio Lower Upper

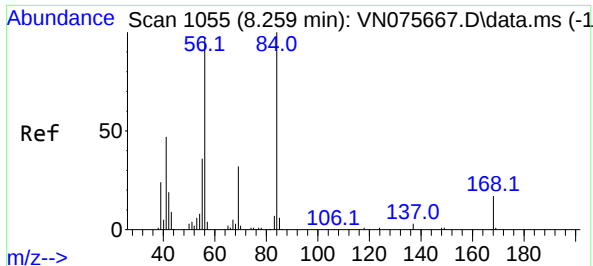
84 100

49 80.1 83.0 124.4#

51 0.0 26.0 39.0#

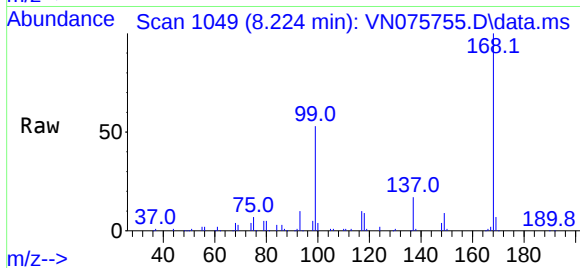
86 57.8 52.6 79.0



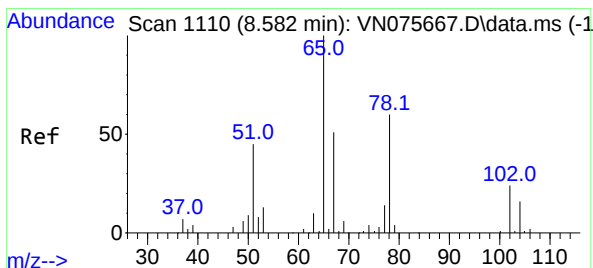
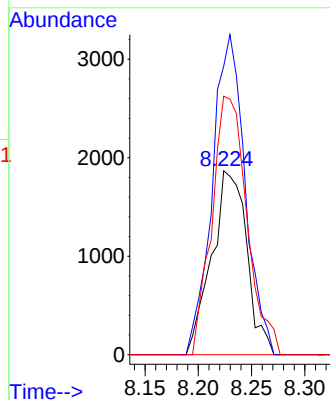
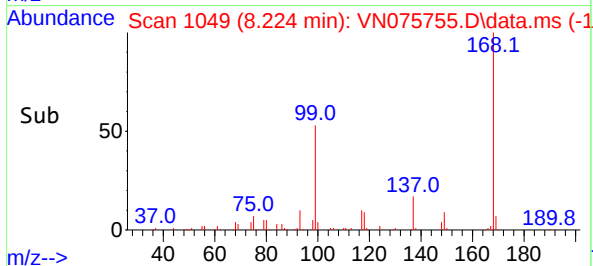


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

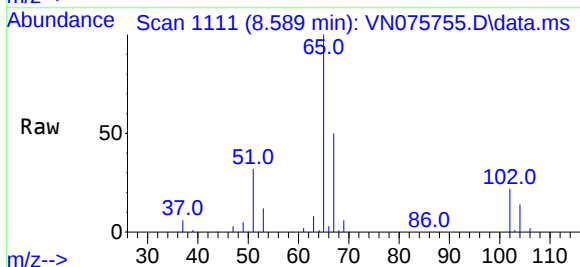
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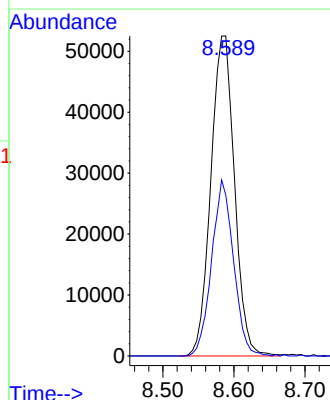
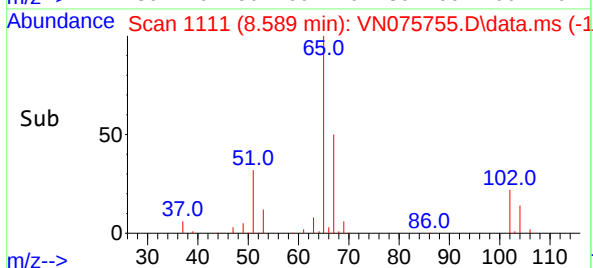
Tgt Ion: 56 Resp: 4277
Ion Ratio Lower Upper
56 100
69 157.0 26.2 39.2#
84 140.6 82.8 124.2#

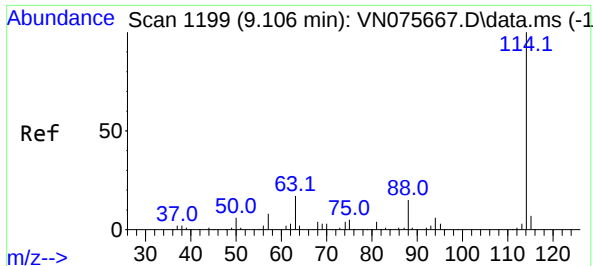


#33
1,2-Dichloroethane-d4
Concen: 49.311 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51



Tgt Ion: 65 Resp: 121363
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.2

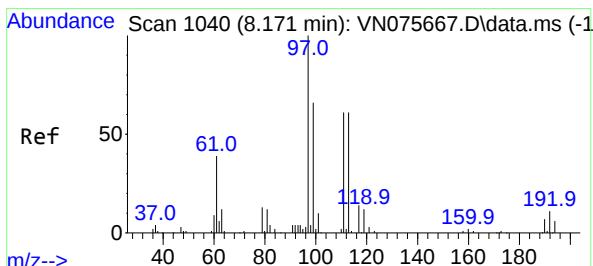
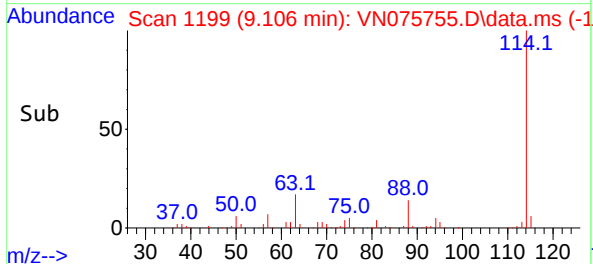
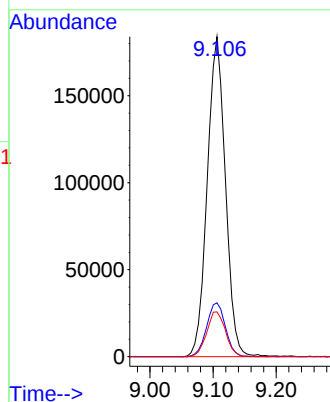
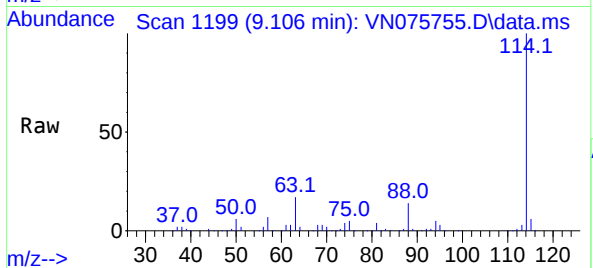




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

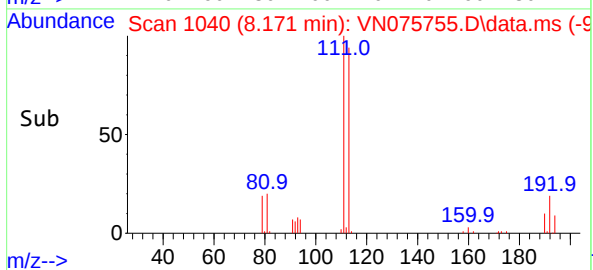
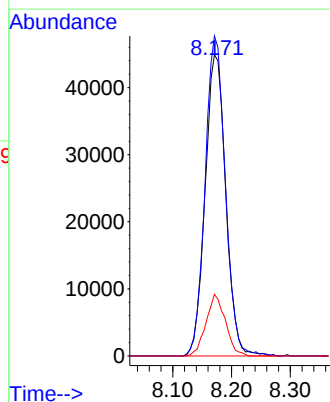
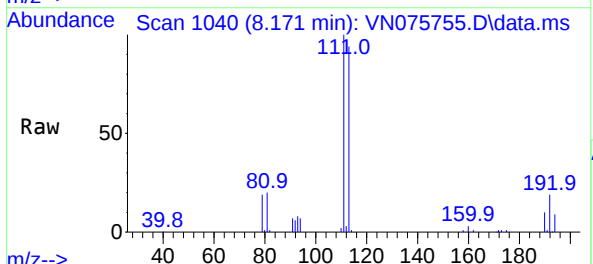
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

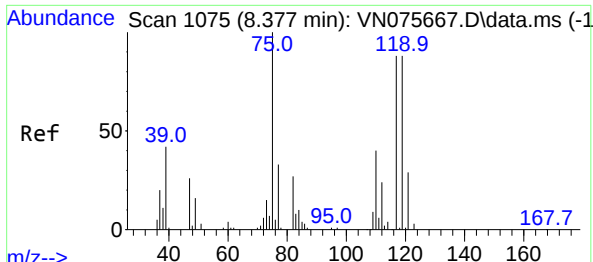
Tgt Ion:114 Resp: 367900
Ion Ratio Lower Upper
114 100
63 16.8 0.0 34.4
88 14.0 0.0 29.2



#35
Dibromofluoromethane
Concen: 48.764 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

Tgt Ion:113 Resp: 109456
Ion Ratio Lower Upper
113 100
111 104.1 81.0 121.6
192 19.2 16.2 24.2

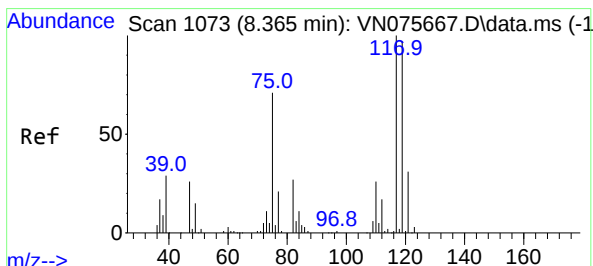
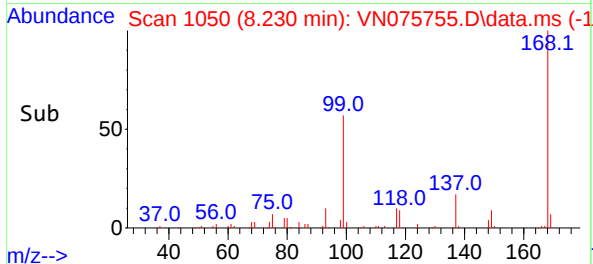
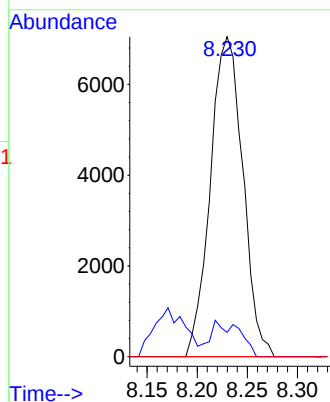
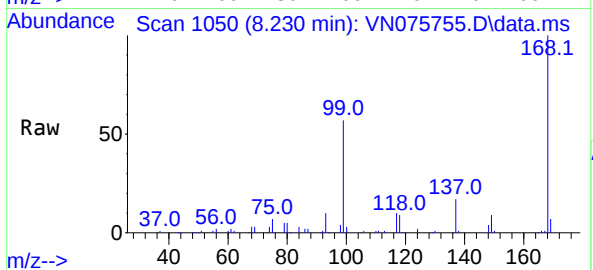




#36
1,1-Dichloropropene
Concen: 5.317 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

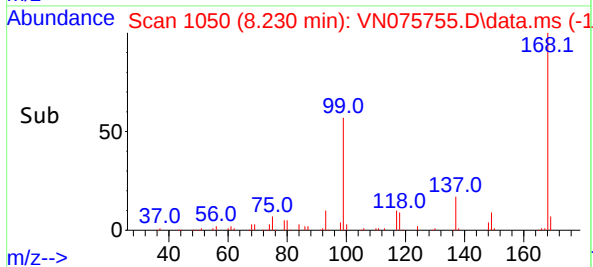
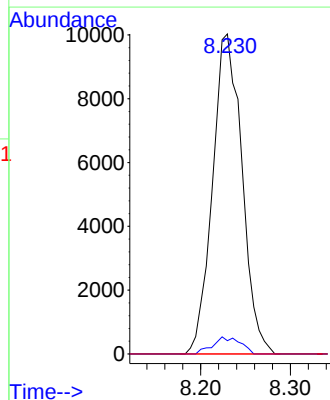
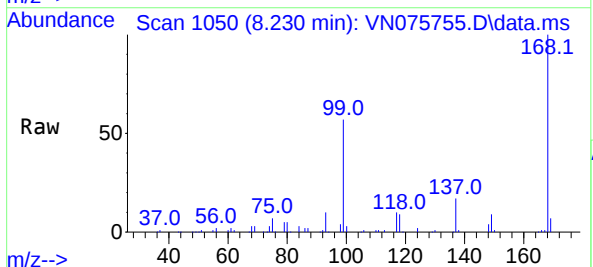
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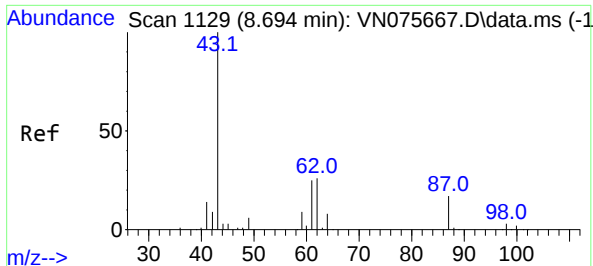
Tgt Ion: 75 Resp: 15847
Ion Ratio Lower Upper
75 100
110 3.2 18.9 56.9#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

Tgt Ion: 117 Resp: 22851
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.6 37.0#

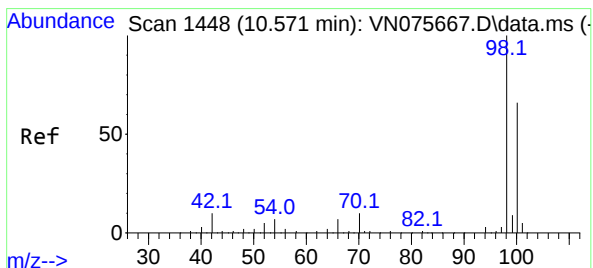
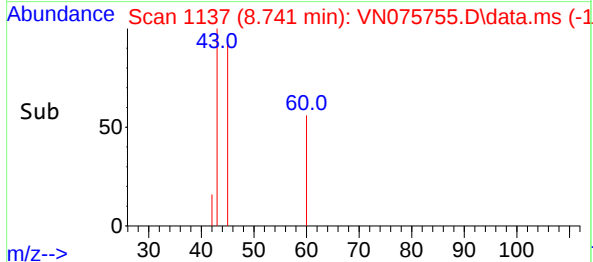
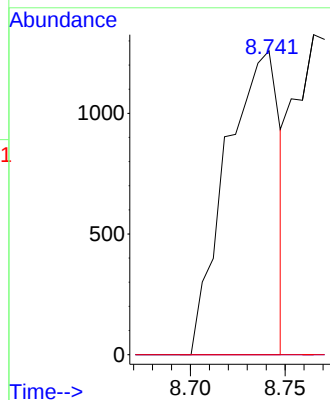
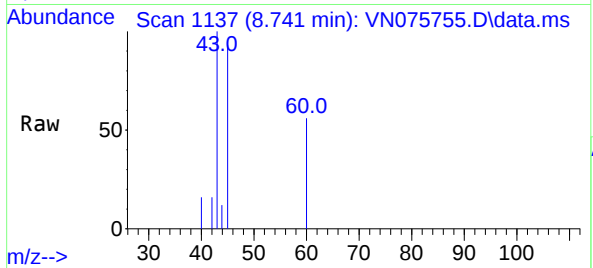




#43
Isopropyl Acetate
Concen: 0.616 ug/l
RT: 8.741 min Scan# 1129
Delta R.T. 0.047 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

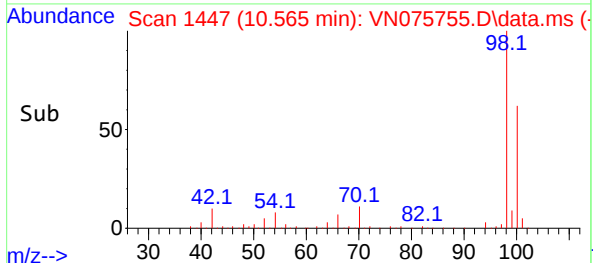
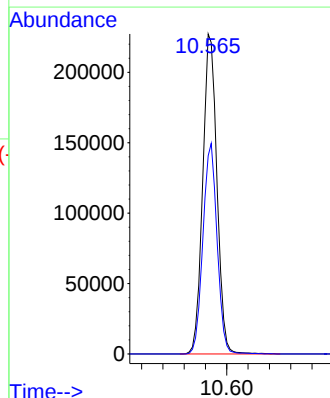
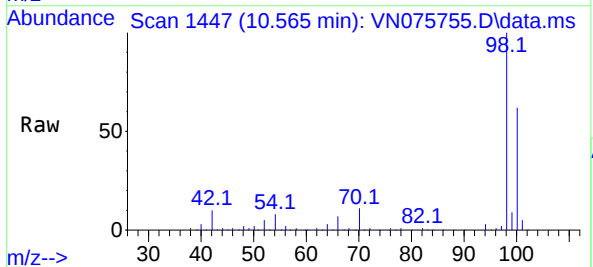
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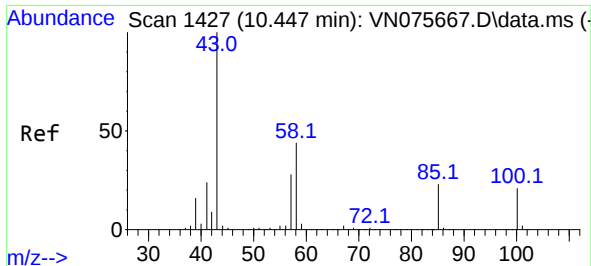
Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#



#50
Toluene-d8
Concen: 49.797 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

Tgt Ion: 98 Resp: 419763
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

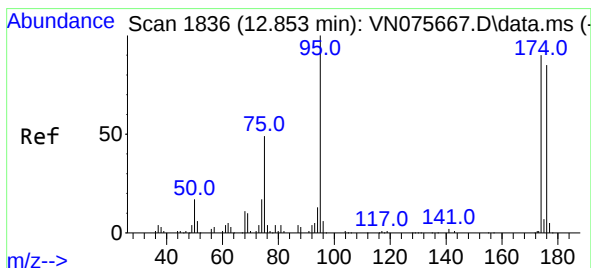
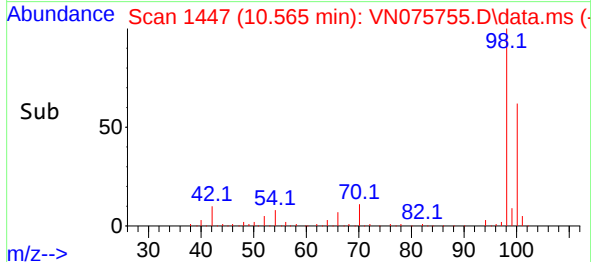
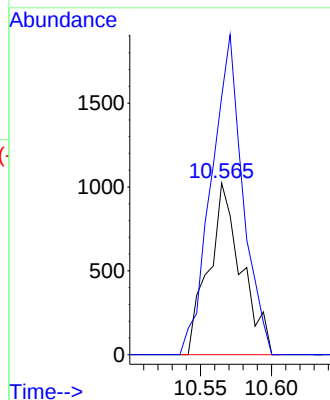
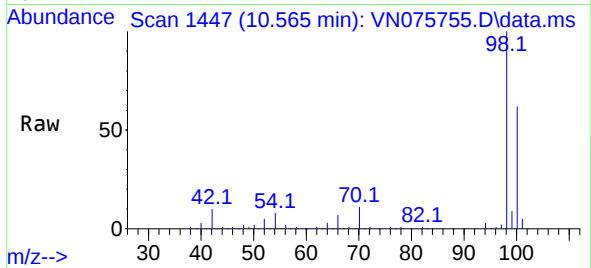




#51
4-Methyl-2-Pentanone
Concen: 0.664 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

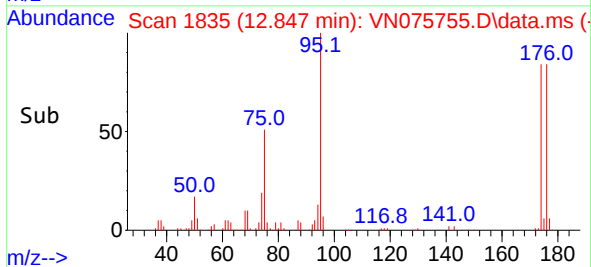
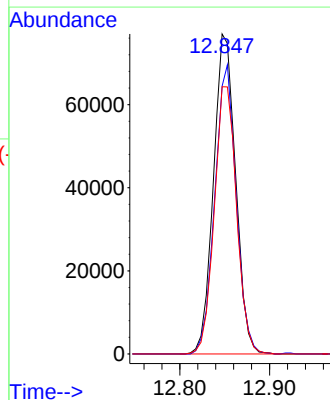
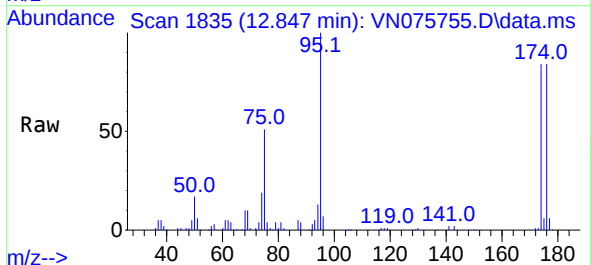
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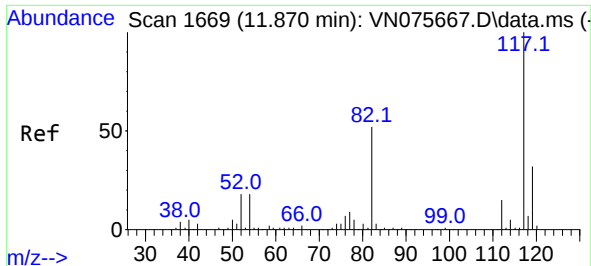
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 180.0 35.0 52.6#



#62
4-Bromofluorobenzene
Concen: 45.692 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

Tgt Ion: 95 Resp: 131689
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.6
176 84.3 0.0 170.8

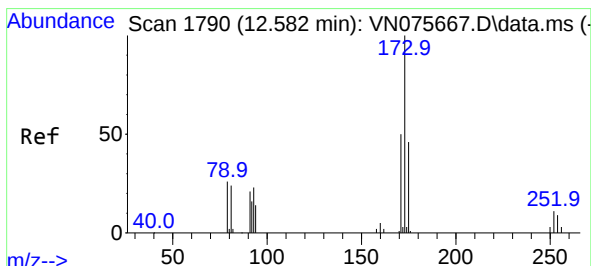
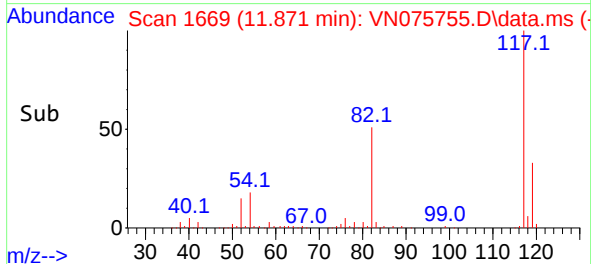
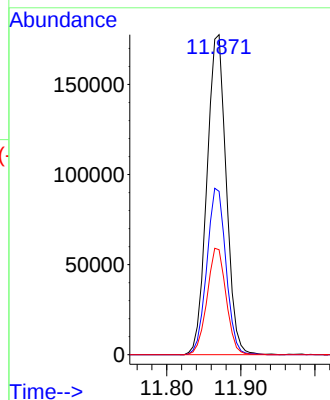
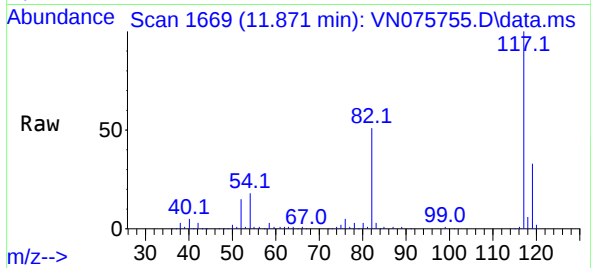




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

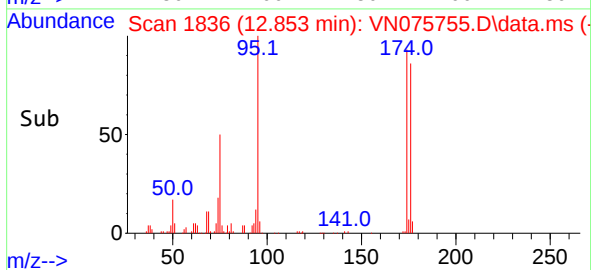
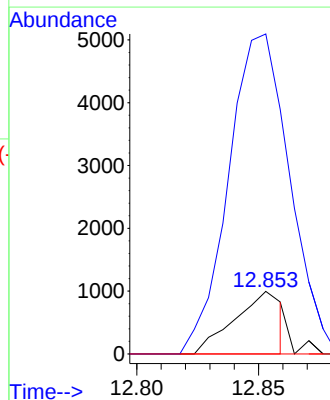
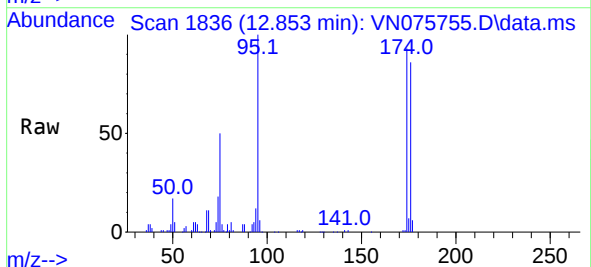
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

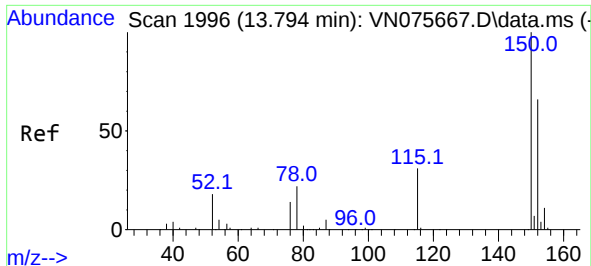
Tgt Ion:117 Resp: 321114
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.8 25.8 38.6



#71
Bromoform
Concen: 0.742 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

Tgt Ion:173 Resp: 1352
Ion Ratio Lower Upper
173 100
175 557.1 23.8 71.2#
254 0.0 0.0 0.0

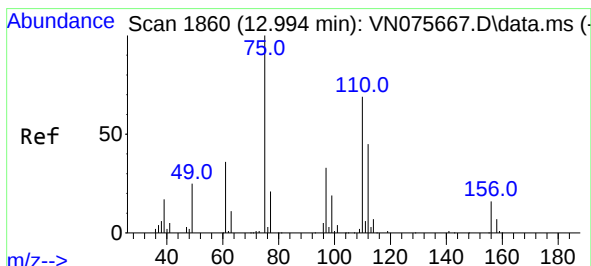
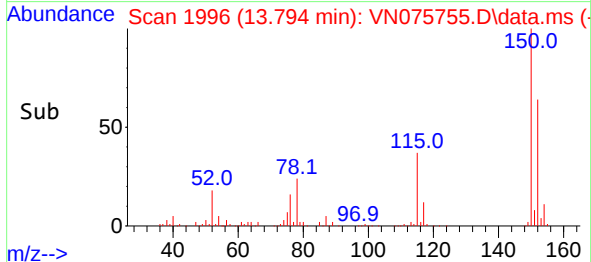
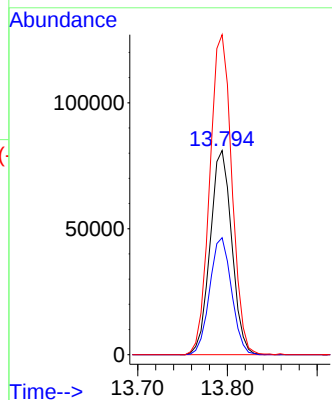
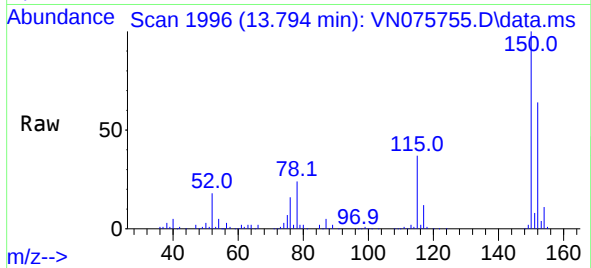




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

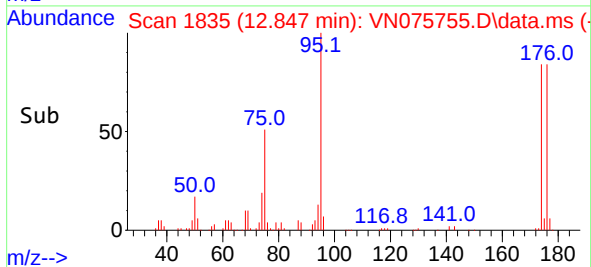
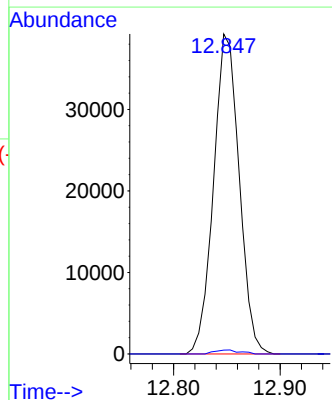
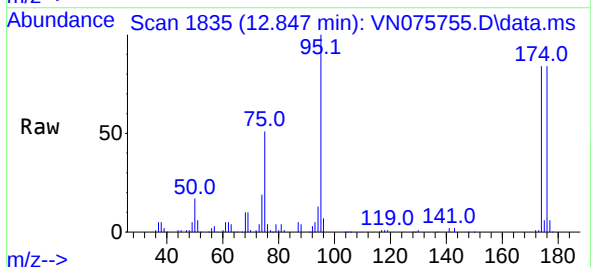
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

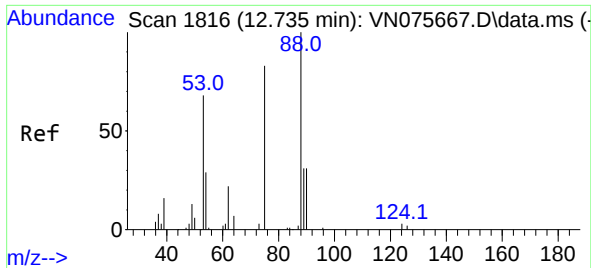
Tgt Ion:152 Resp: 135578
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 160.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.073 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075755.D
Acq: 13 Dec 2022 10:51

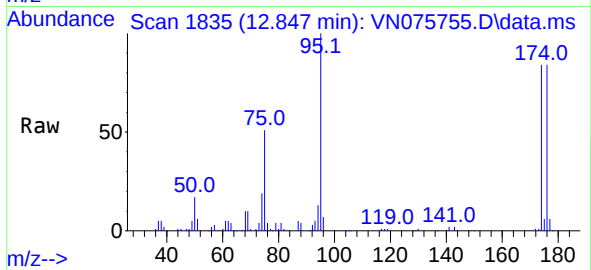
Tgt Ion: 75 Resp: 65544
Ion Ratio Lower Upper
75 100
77 1.2 81.8 245.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.904 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075755.D
 Acq: 13 Dec 2022 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 65544
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 36.6 55.0#

