

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075146.D
 Acq On : 03 Nov 2022 16:01
 Operator : JC\MD
 Sample : N5395-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9-103122

Quant Time: Nov 04 04:10:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

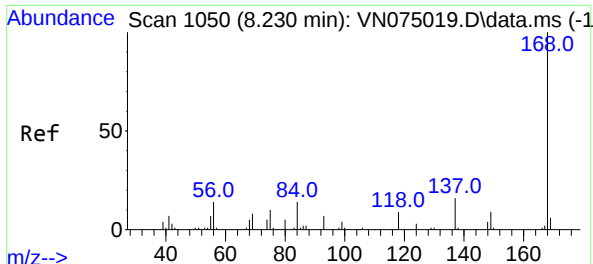
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	89593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	173659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	141168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72495	60.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.100%			
35) Dibromofluoromethane	8.171	113	55770	54.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.420%			
50) Toluene-d8	10.571	98	199654	50.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.853	95	59932	43.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.260%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.853	94	67	Below Cal	#	5
6) Chloroethane	3.206	64	388	0.306	ug/l #	45
11) Tert butyl alcohol	5.518	59	357	1.268	ug/l #	72
16) Acetone	4.447	43	2903	5.679	ug/l #	88
18) Methyl Acetate	5.047	43	441	0.264	ug/l #	47
20) Methylene Chloride	5.289	84	8688	7.623	ug/l	96
31) Cyclohexane	8.235	56	2276	1.268	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	8005	5.072	ug/l #	50
38) Carbon Tetrachloride	8.224	117	10010	5.766	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	766	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	34498	29.393	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	34498	75.452	ug/l #	10

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

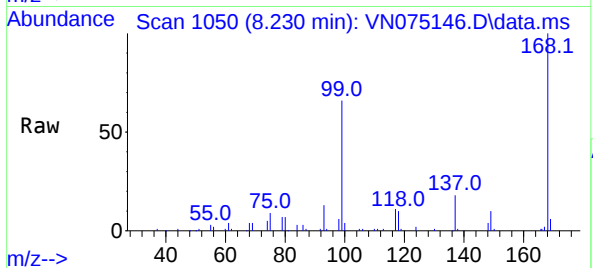
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



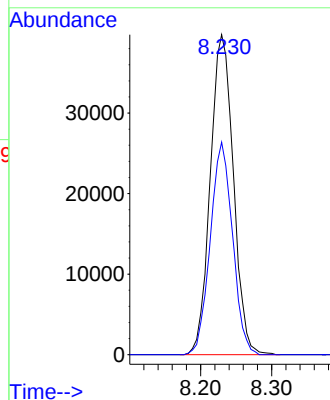
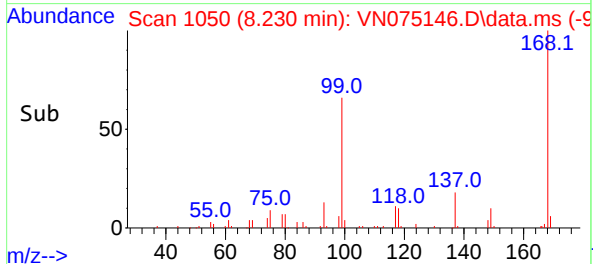


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

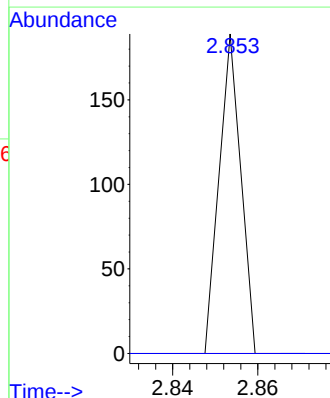
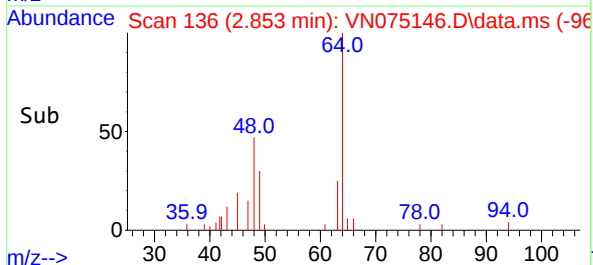
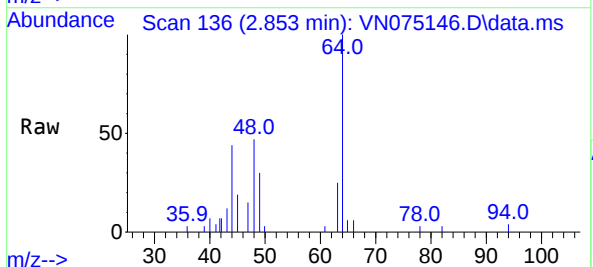


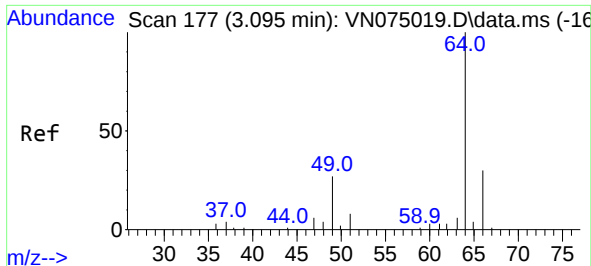
Tgt Ion:168 Resp: 89593
Ion Ratio Lower Upper
168 100
99 66.4 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 136
Delta R.T. -0.065 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

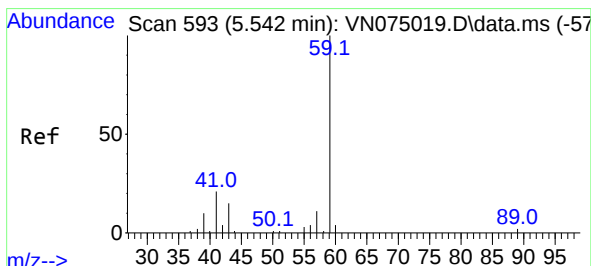
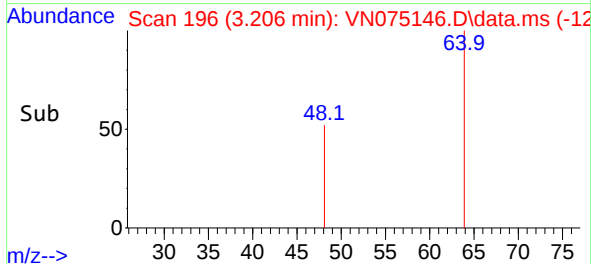
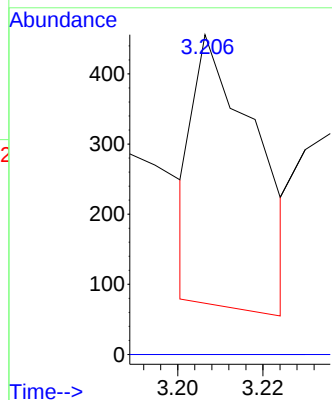
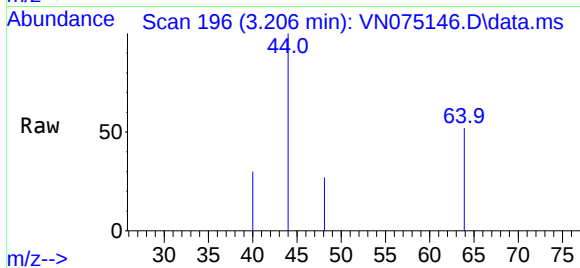




#6
Chloroethane
Concen: 0.306 ug/l
RT: 3.206 min Scan# 11
Delta R.T. 0.111 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

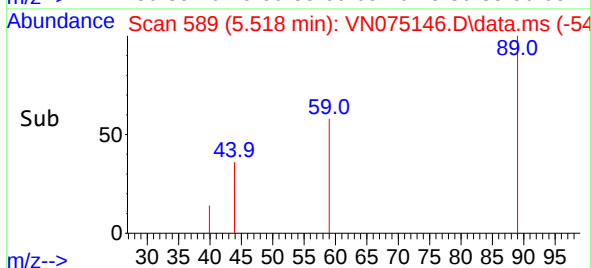
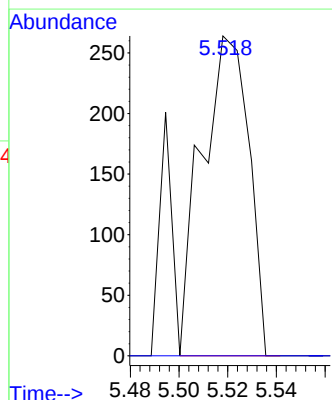
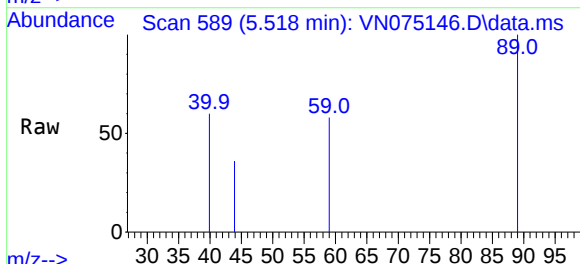
Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

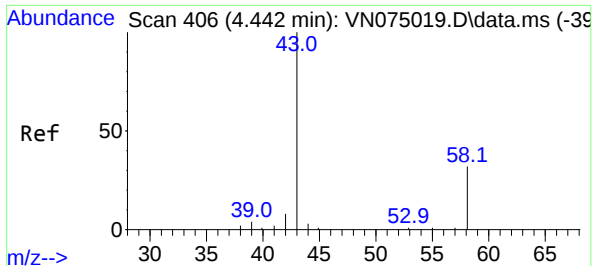
Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.268 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

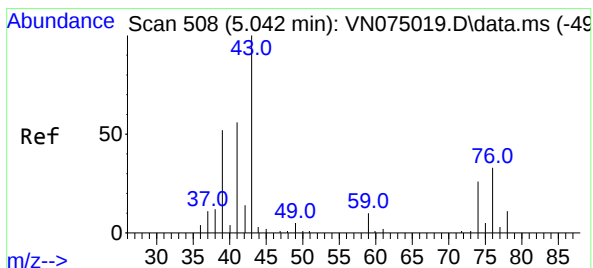
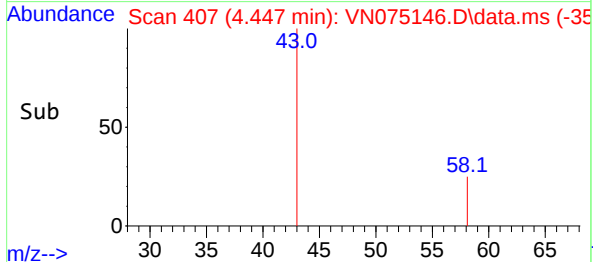
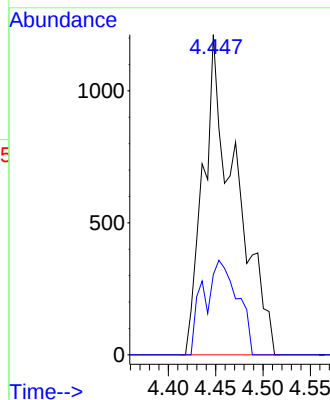
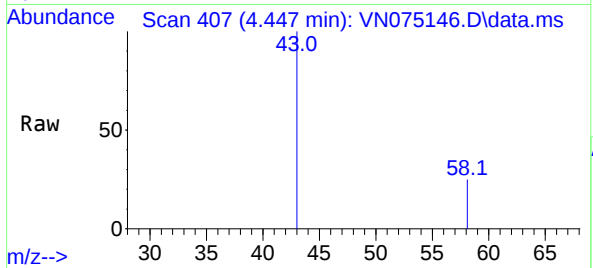




#16
Acetone
Concen: 5.679 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

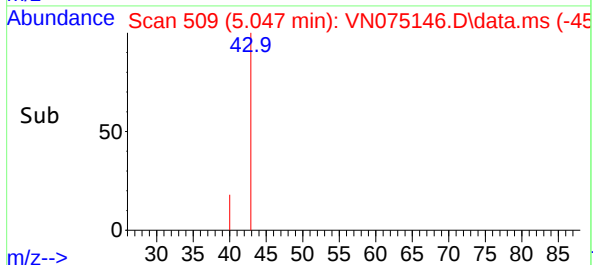
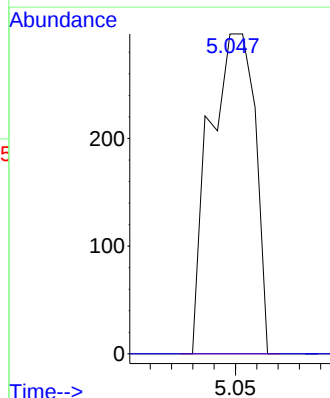
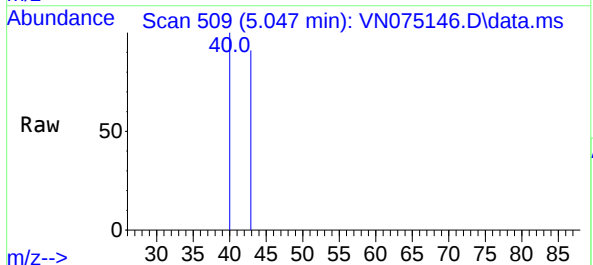
Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

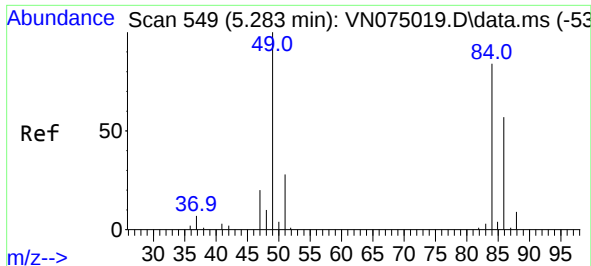
Tgt Ion: 43 Resp: 2903
Ion Ratio Lower Upper
43 100
58 25.1 25.5 38.3#



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



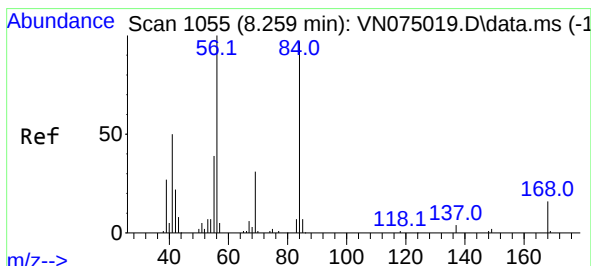
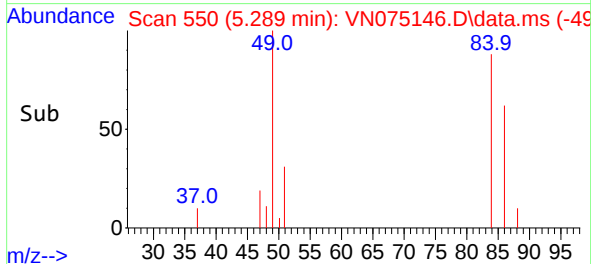
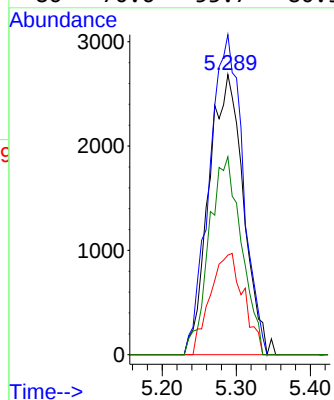
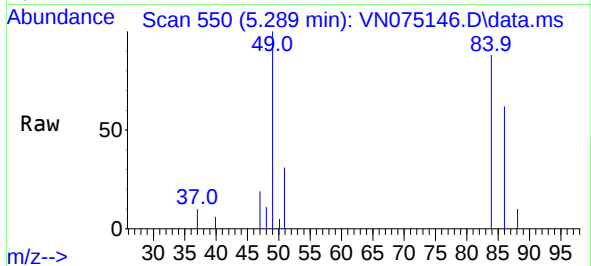


#20
Methylene Chloride
Concen: 7.623 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

Tgt Ion: 84 Resp: 8688

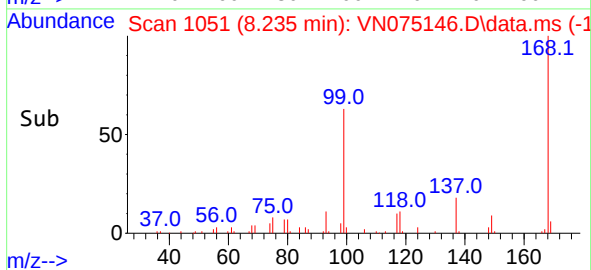
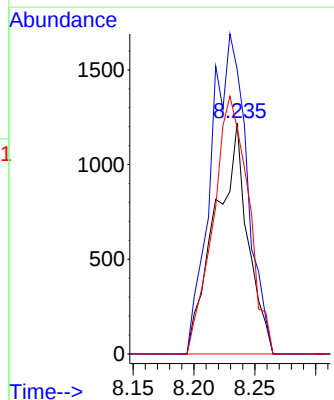
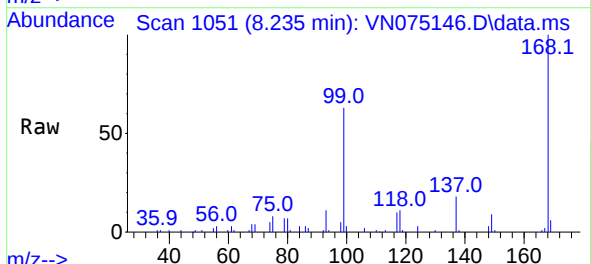
Ion	Ratio	Lower	Upper
84	100		
49	114.2	94.9	142.3
51	35.5	26.8	40.2
86	70.6	53.7	80.5

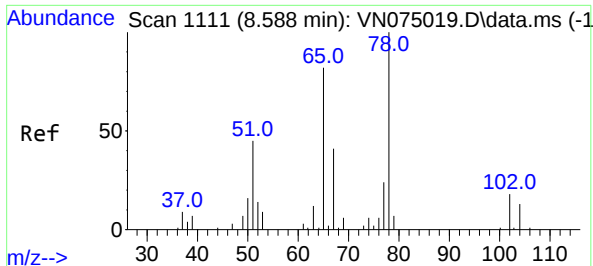


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 56 Resp: 2276

Ion	Ratio	Lower	Upper
56	100		
69	123.3	25.2	37.8#
84	97.9	77.8	116.8

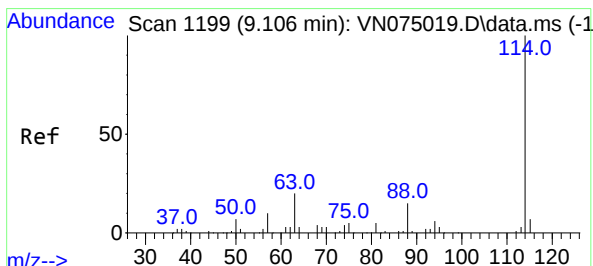
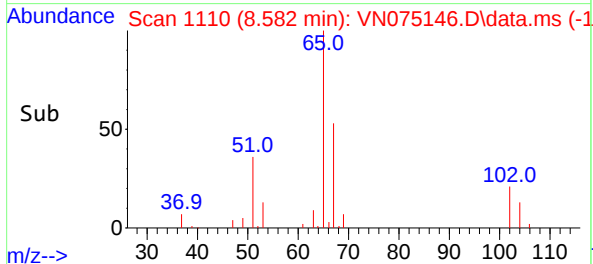
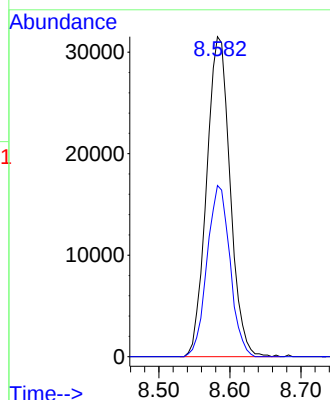
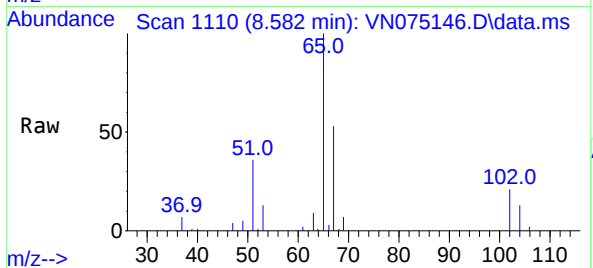




#33
1,2-Dichloroethane-d4
Concen: 60.054 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

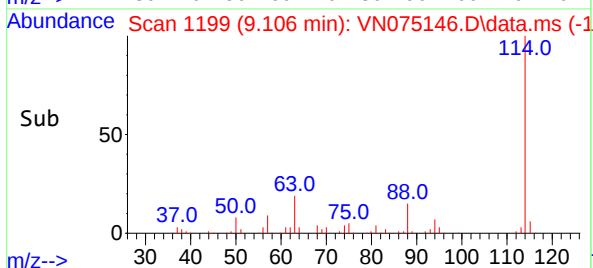
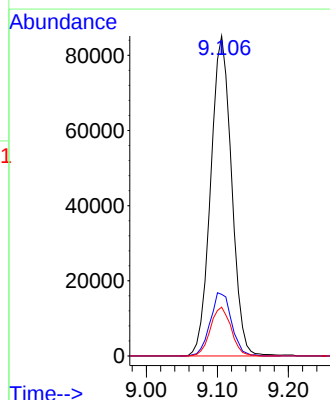
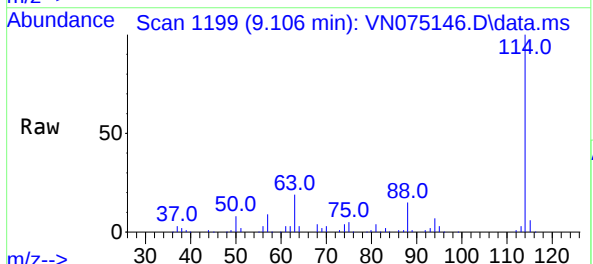
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MSVOA_N
ClientSampleId :
S-9-103122

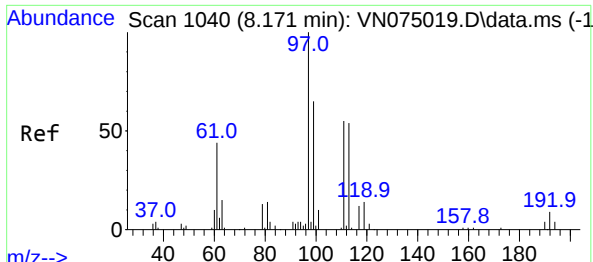
Tgt Ion: 65 Resp: 72495
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

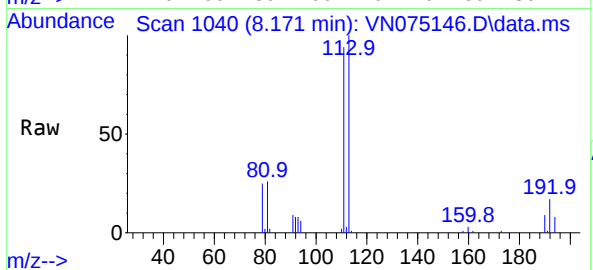
Tgt Ion: 114 Resp: 173659
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 15.2 0.0 29.0



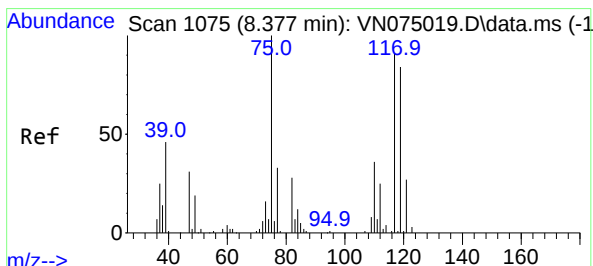
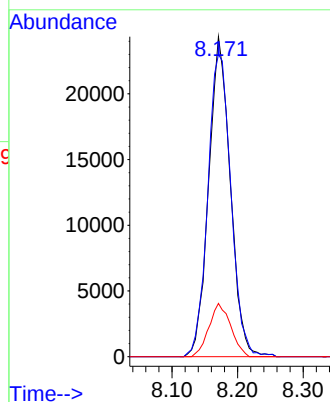
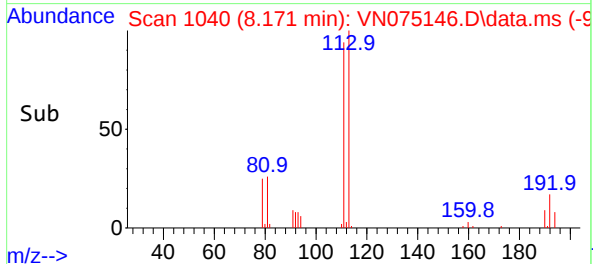


#35
Dibromofluoromethane
Concen: 54.705 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

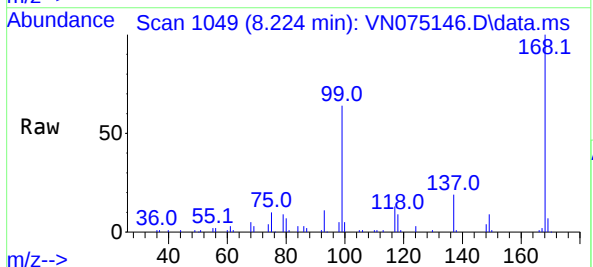
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MSVOA_N
ClientSampleId :
S-9-103122



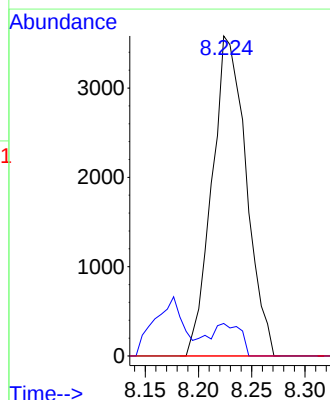
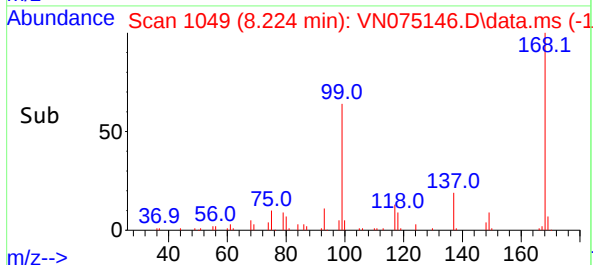
Tgt Ion:113 Resp: 55770
Ion Ratio Lower Upper
113 100
111 101.2 80.5 120.7
192 16.8 13.2 19.8

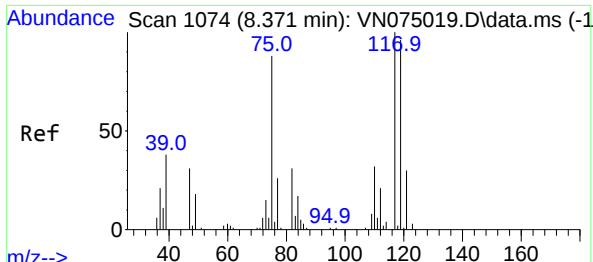


#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01



Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 24.6 37.0#

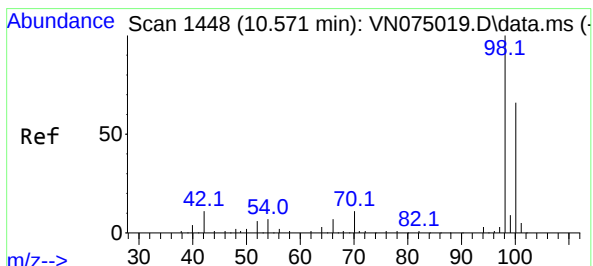
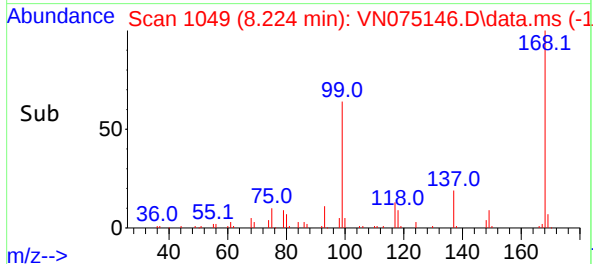
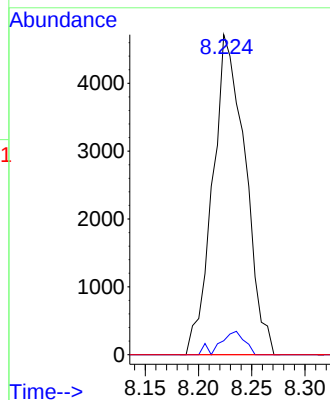
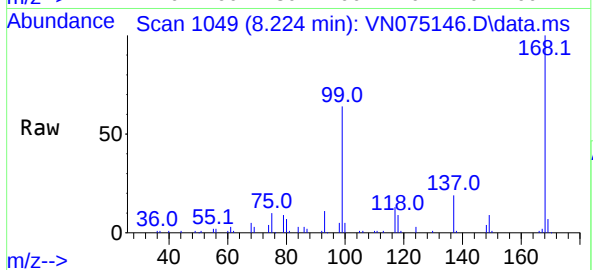




#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

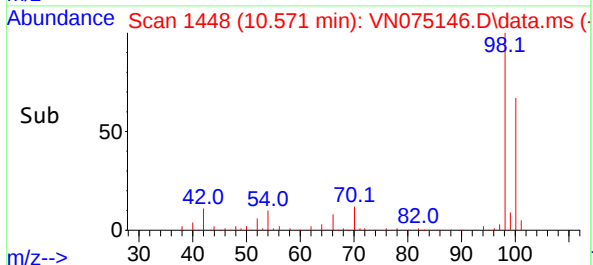
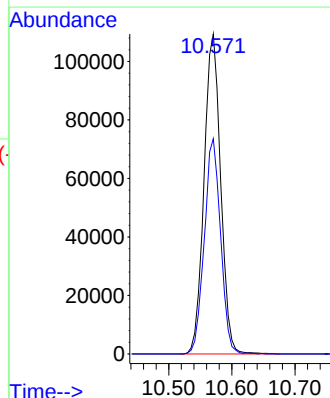
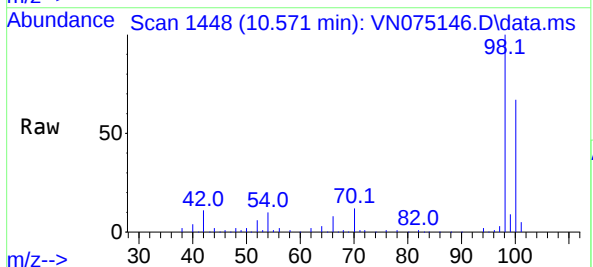
Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

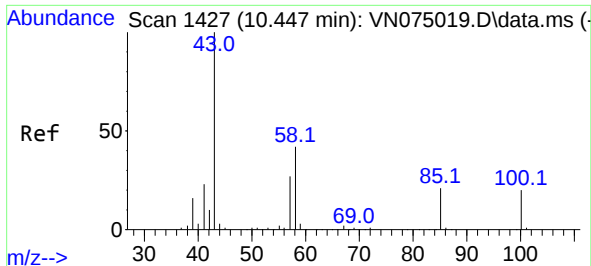
Tgt Ion:117 Resp: 10010
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 98 Resp: 199654
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

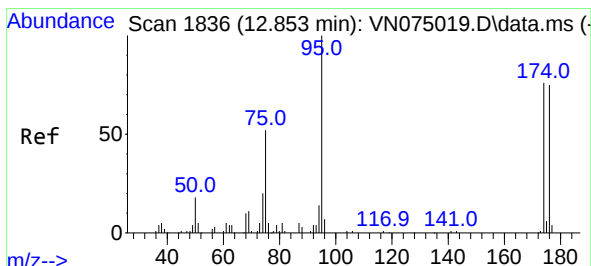
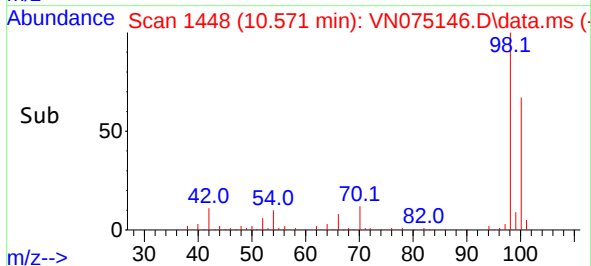
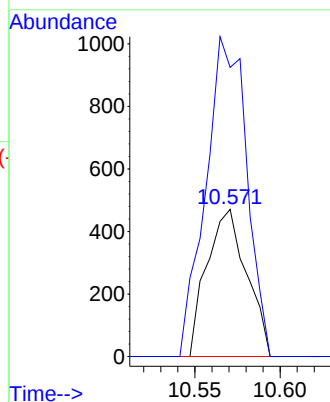
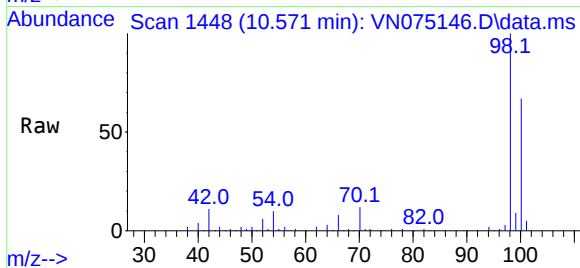




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

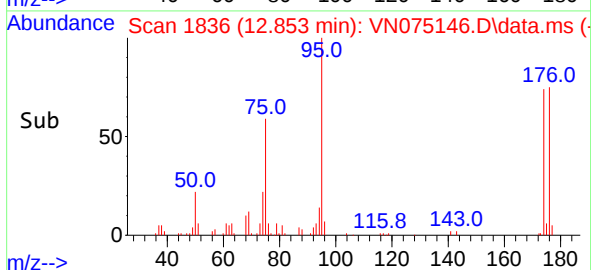
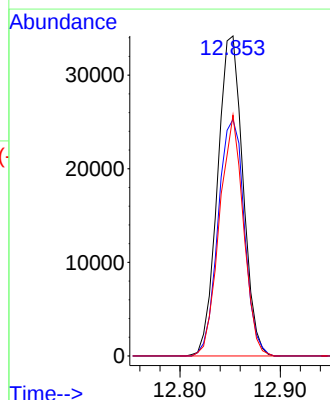
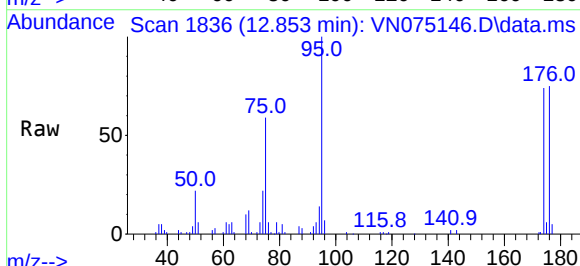
Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

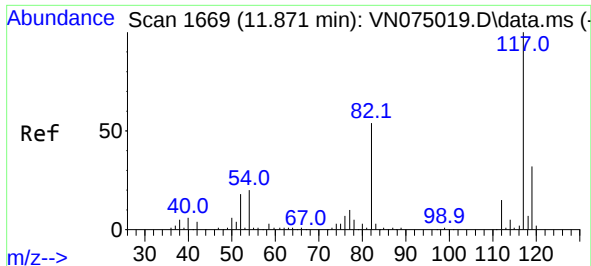
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 222.7 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 43.135 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 95 Resp: 59932
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.4
176 70.9 0.0 142.2

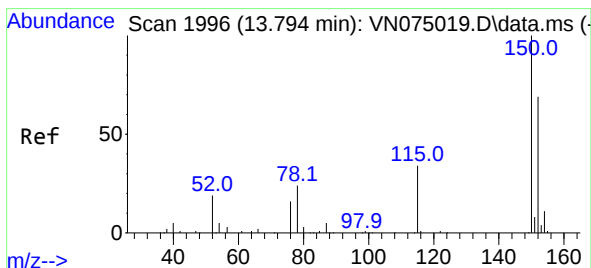
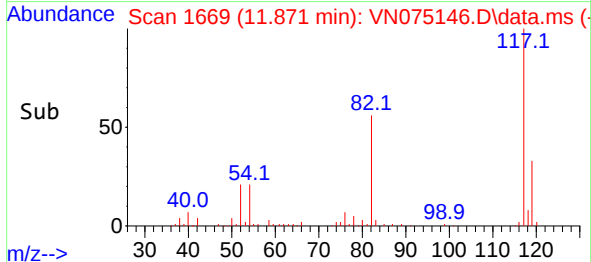
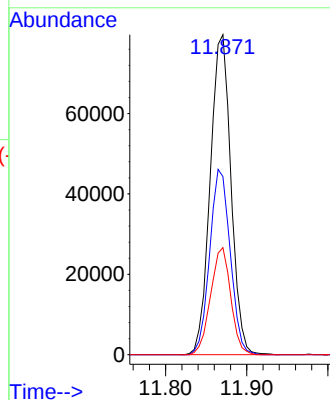
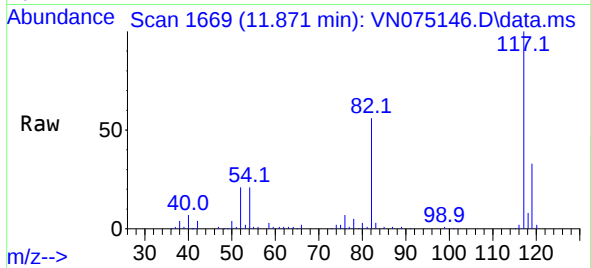




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

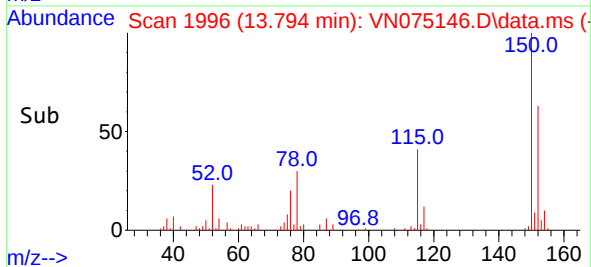
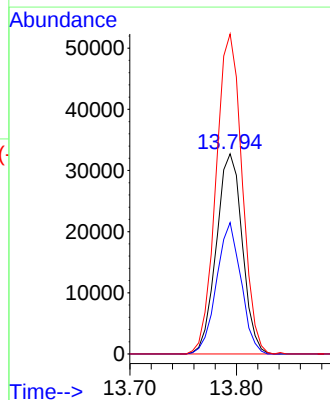
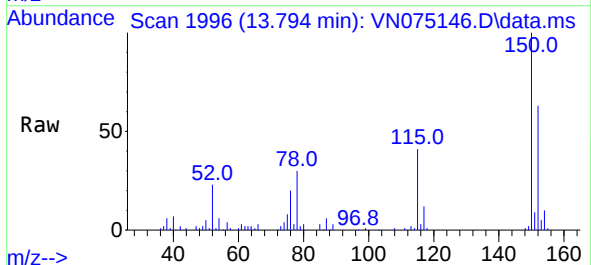
Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

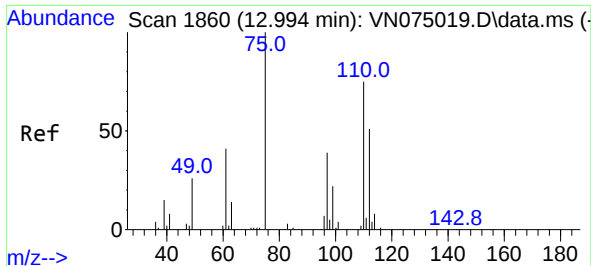
Tgt Ion:117 Resp: 141168
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 33.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion:152 Resp: 55277
Ion Ratio Lower Upper
152 100
115 62.0 30.2 90.6
150 160.8 0.0 348.4

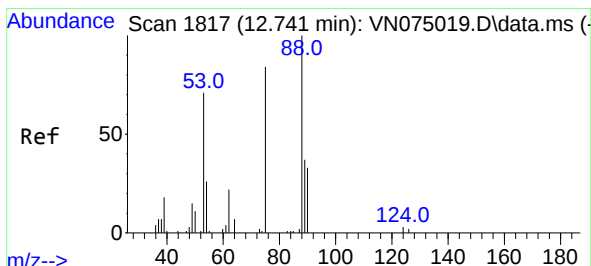
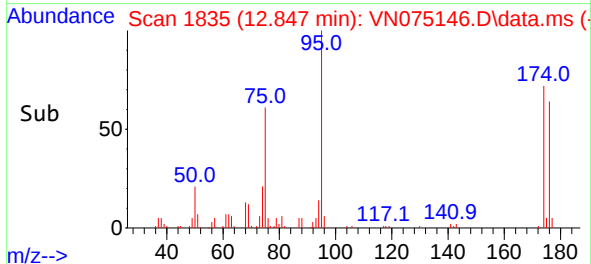
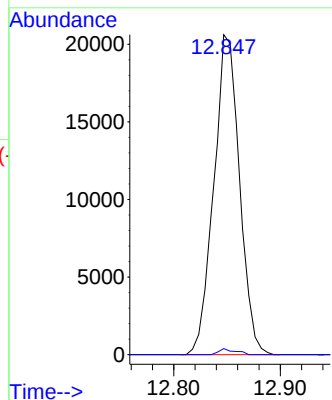
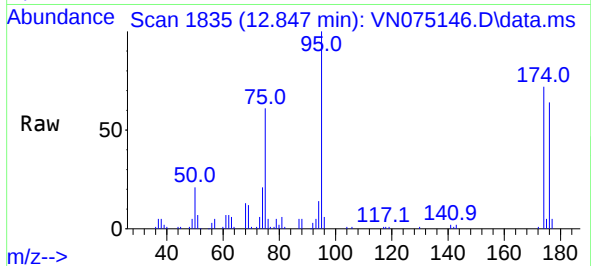




#76
1,2,3-Trichloropropane
Concen: 29.393 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
S-9-103122

Tgt Ion: 75 Resp: 34498
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.452 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075146.D
Acq: 03 Nov 2022 16:01

Tgt Ion: 75 Resp: 34498
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

