

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075713.D
 Acq On : 12 Dec 2022 15:17
 Operator : JC\MD
 Sample : N5989-11RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27

Quant Time: Dec 13 01:33:26 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)

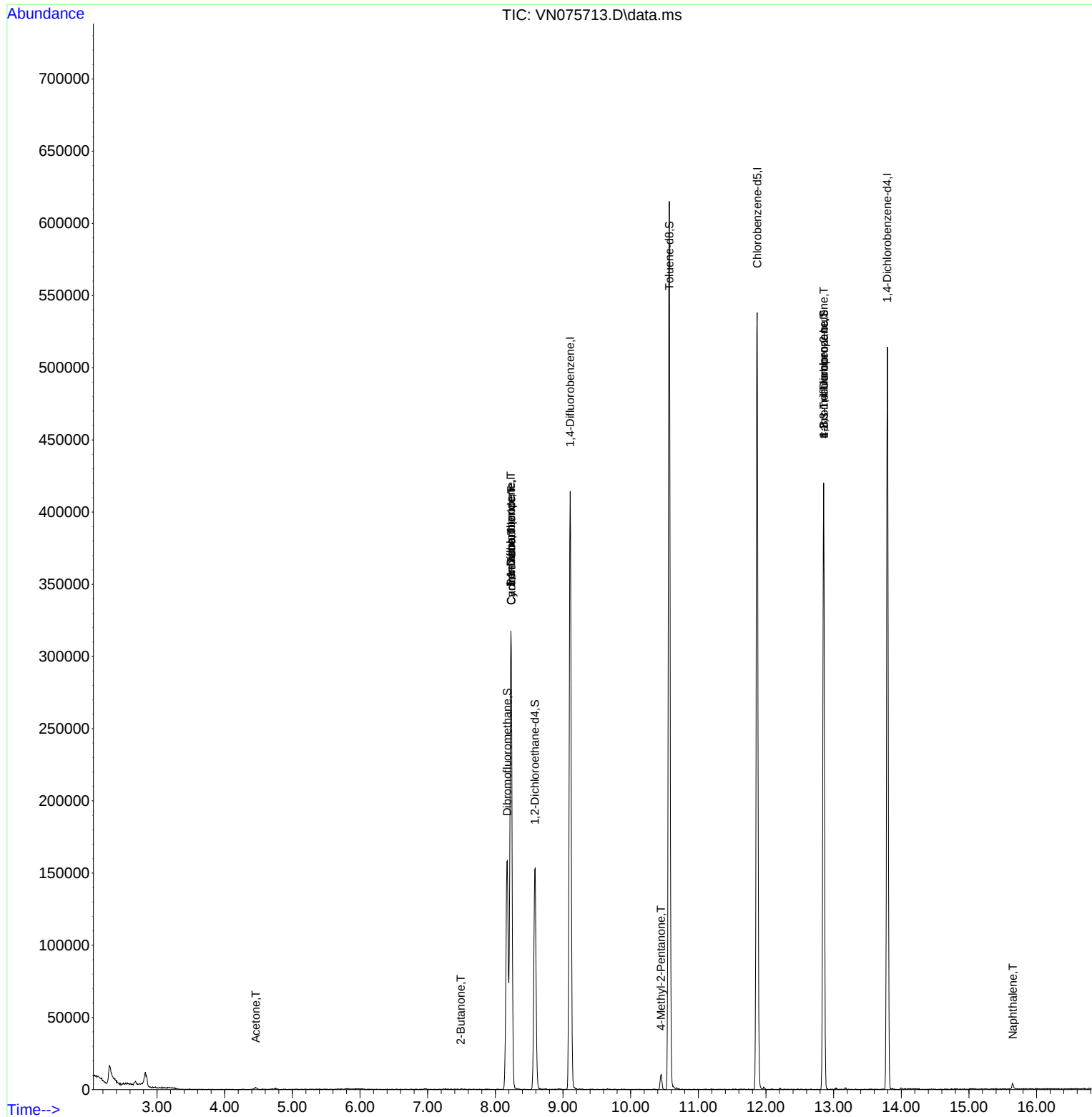
Internal Standards						
1) Pentafluorobenzene	8.230	168	249012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	336083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125858	47.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.280%
35) Dibromofluoromethane	8.177	113	112692	47.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	10.571	98	444604	50.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.853	95	137925	45.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	2228	2.490	ug/l	99
25) 2-Butanone	7.489	43	368	0.281	ug/l #	43
31) Cyclohexane	8.236	56	4480	1.145	ug/l #	6
36) 1,1-Dichloropropene	8.230	75	17264	5.530	ug/l #	48
38) Carbon Tetrachloride	8.236	117	23796	6.605	ug/l #	17
51) 4-Methyl-2-Pentanone	10.447	43	7077	2.743	ug/l	100
76) 1,2,3-Trichloropropane	12.853	75	70596	23.932	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70596	76.471	ug/l #	13
95) Naphthalene	15.647	128	4537	0.648	ug/l #	94

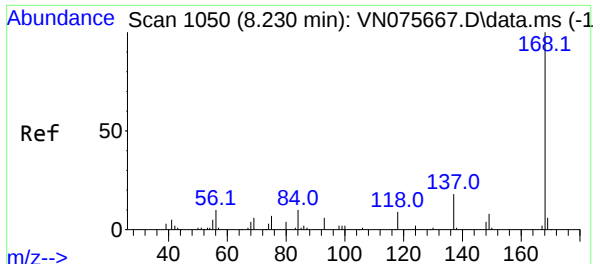
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075713.D

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Instrument :

MSVOA_N

ClientSampleId :

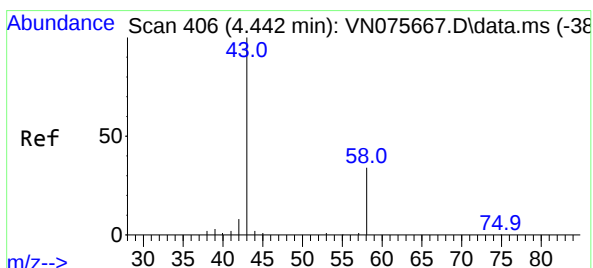
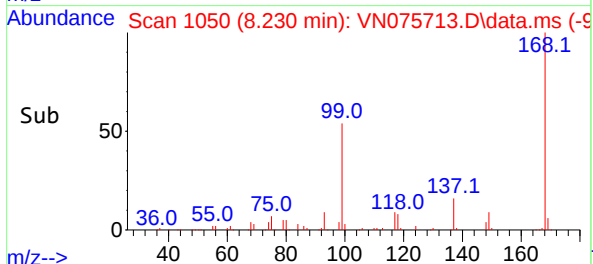
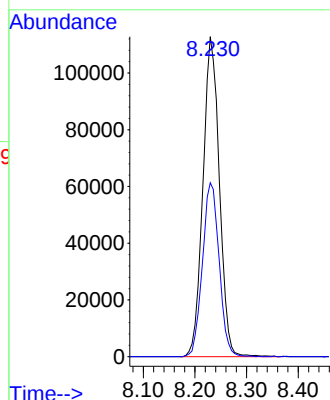
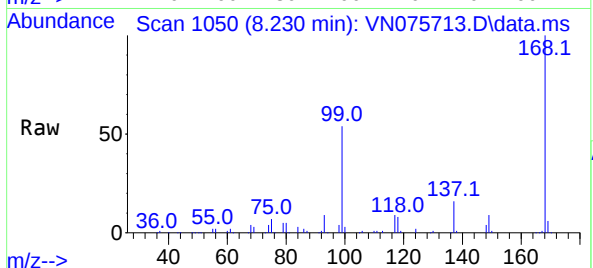
MW-27

Tgt Ion:168 Resp: 249012

Ion Ratio Lower Upper

168 100

99 54.4 41.2 61.8



#16

Acetone

Concen: 2.490 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN075713.D

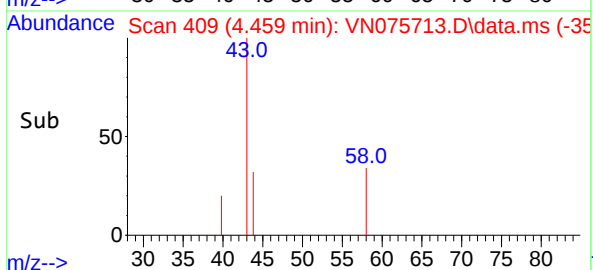
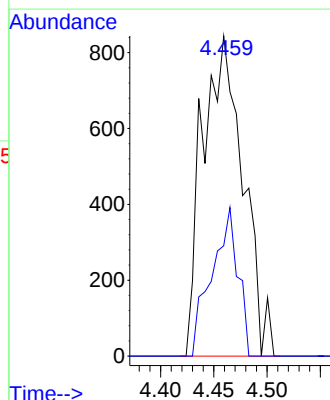
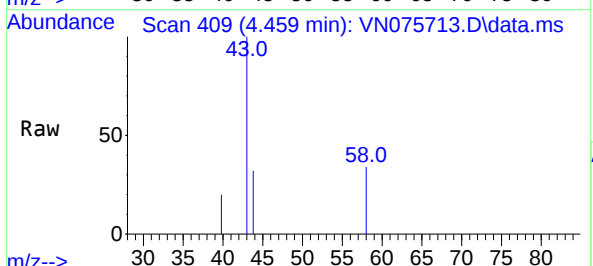
Acq: 12 Dec 2022 15:17

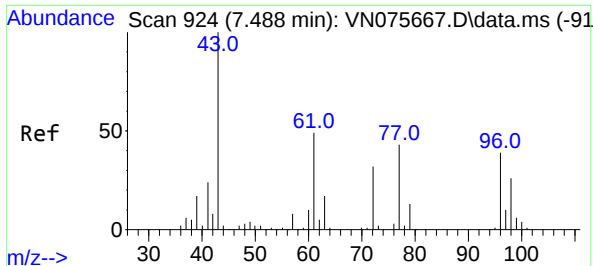
Tgt Ion: 43 Resp: 2228

Ion Ratio Lower Upper

43 100

58 34.5 27.0 40.4

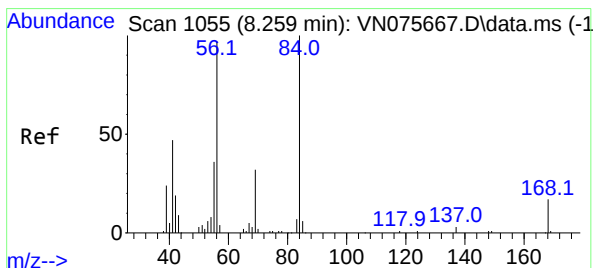
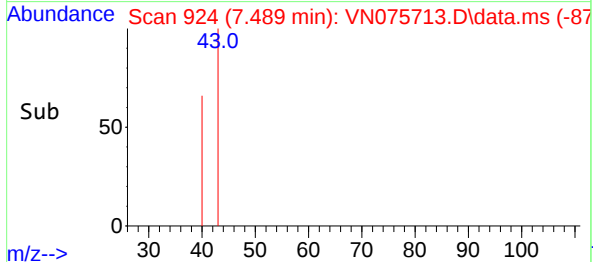
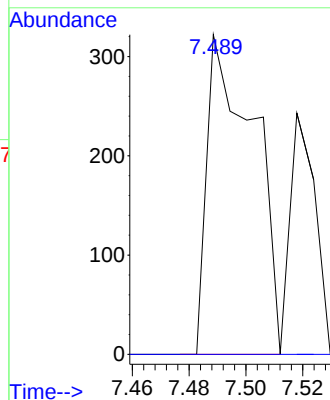
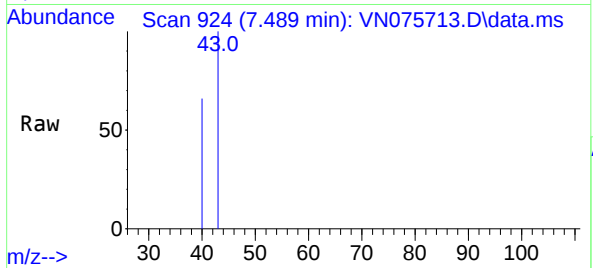




#25
2-Butanone
Concen: 0.281 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

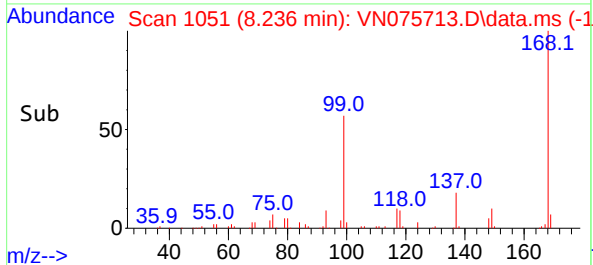
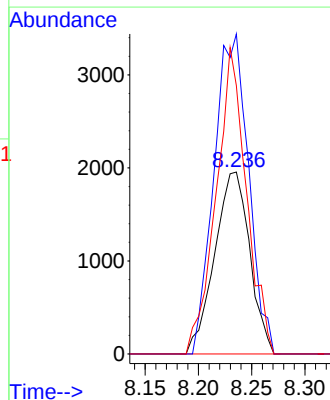
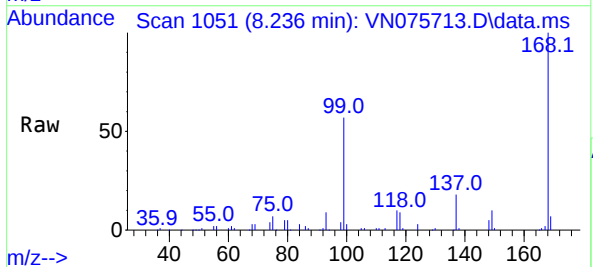
Instrument :
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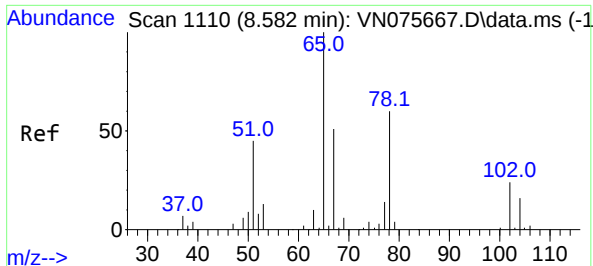
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion: 56 Resp: 4480
Ion Ratio Lower Upper
56 100
69 175.9 26.2 39.2#
84 147.4 82.8 124.2#

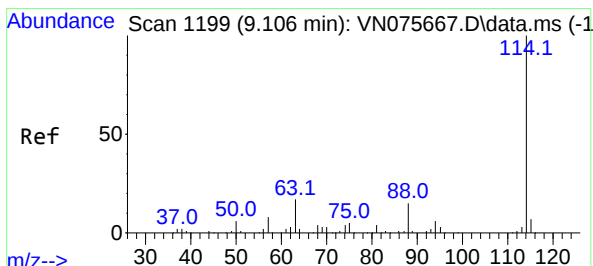
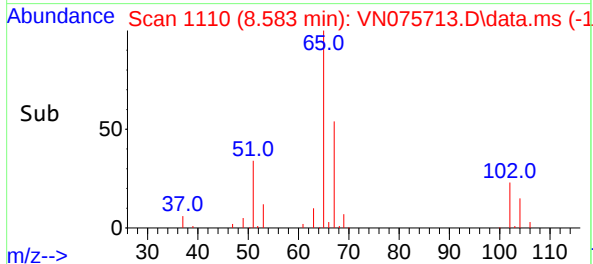
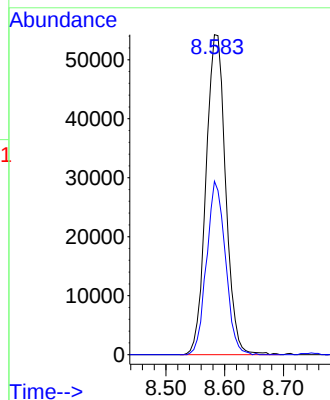
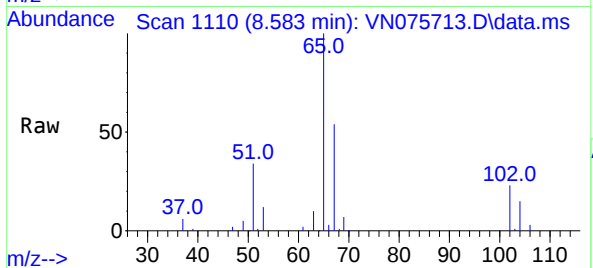




#33
1,2-Dichloroethane-d4
Concen: 47.636 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

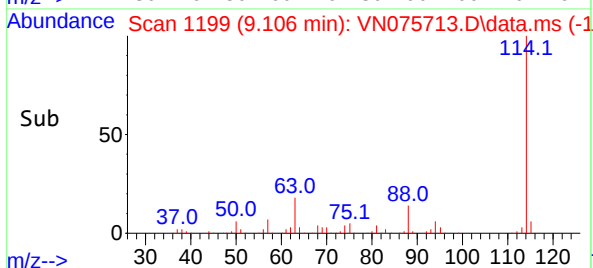
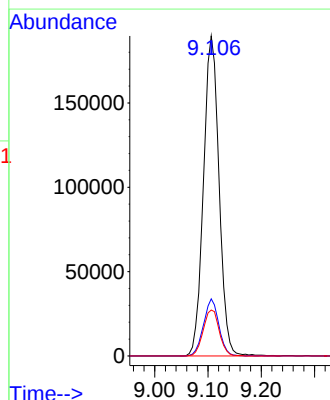
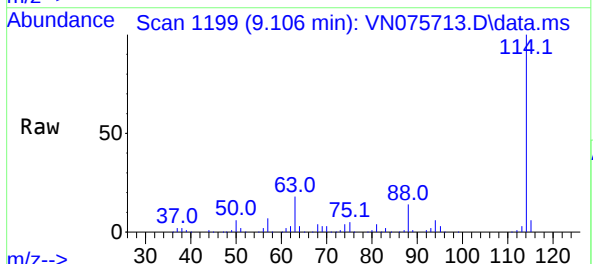
Instrument :
MSVOA_N
ClientSampleId :
MW-27

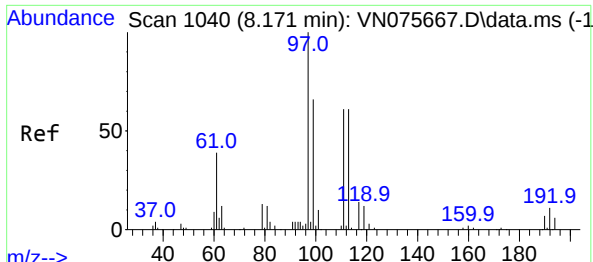
Tgt Ion: 65 Resp: 125858
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion: 114 Resp: 385351
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 14.4 0.0 29.2

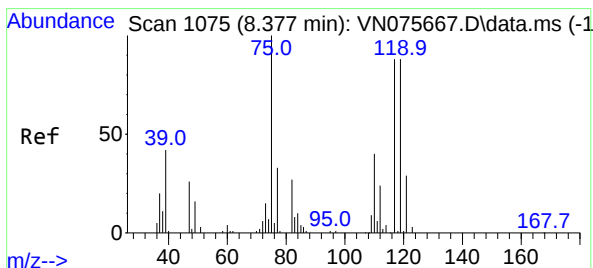
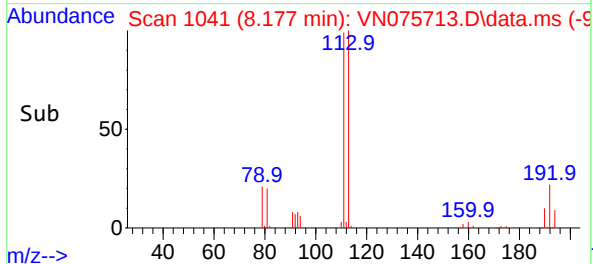
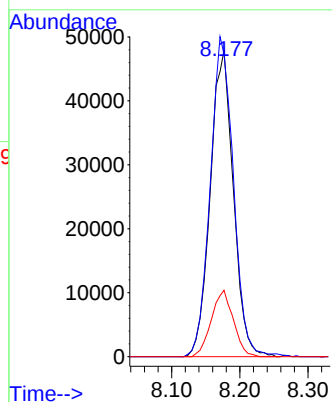
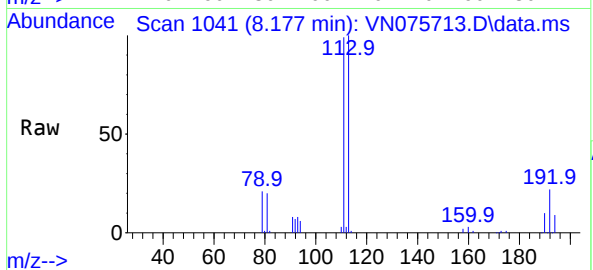




#35
Dibromofluoromethane
Concen: 47.932 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

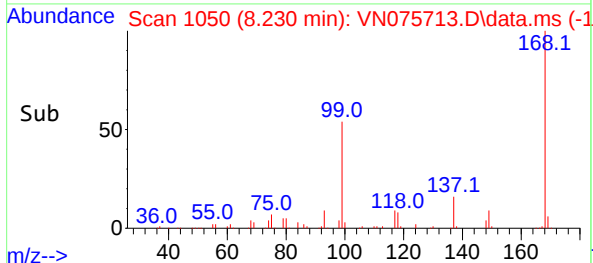
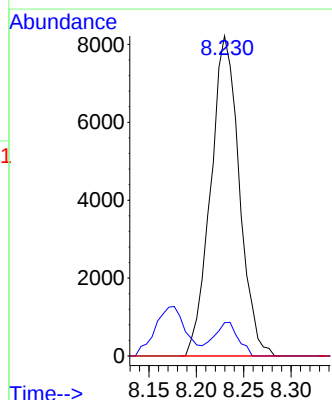
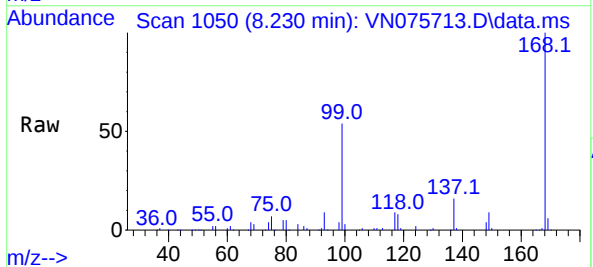
Instrument :
MSVOA_N
ClientSampleId :
MW-27

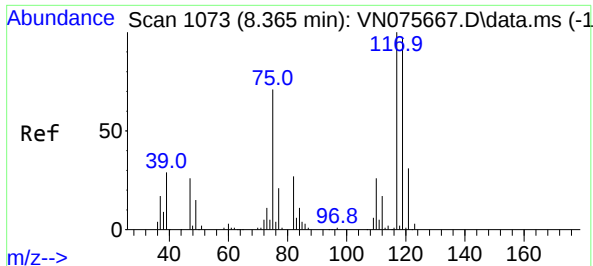
Tgt Ion:113 Resp: 112692
Ion Ratio Lower Upper
113 100
111 105.2 81.0 121.6
192 20.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.530 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion: 75 Resp: 17264
Ion Ratio Lower Upper
75 100
110 8.9 18.9 56.9#
77 0.0 25.4 38.2#

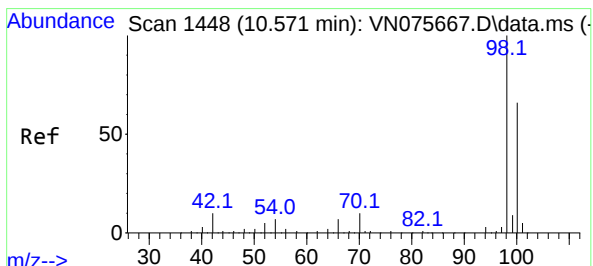
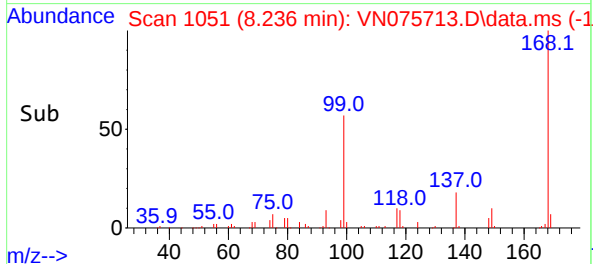
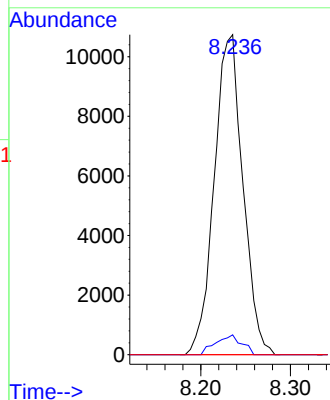
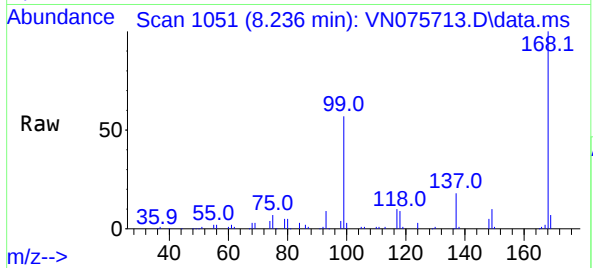




#38
Carbon Tetrachloride
Concen: 6.605 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.129 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

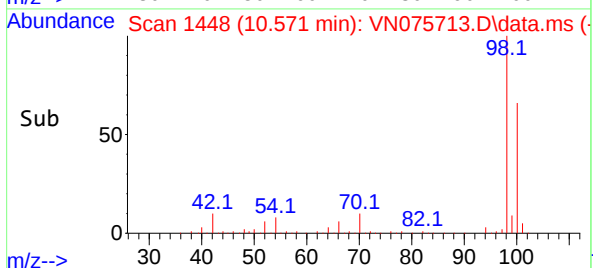
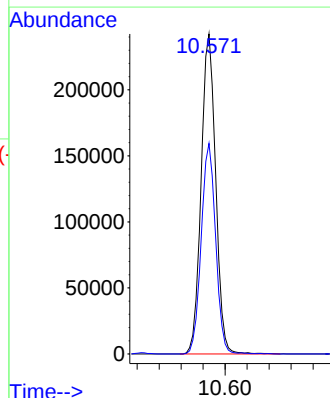
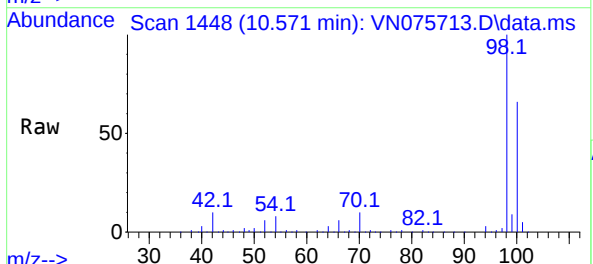
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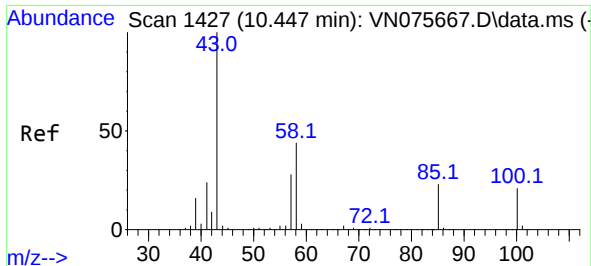
Tgt Ion:117 Resp: 23796
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.355 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion: 98 Resp: 444604
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

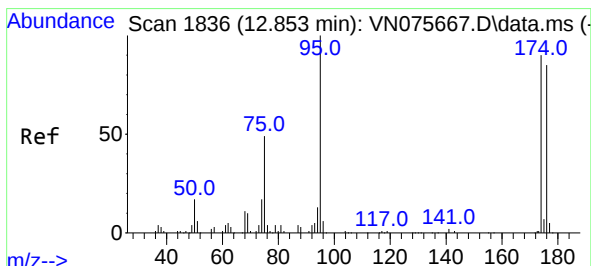
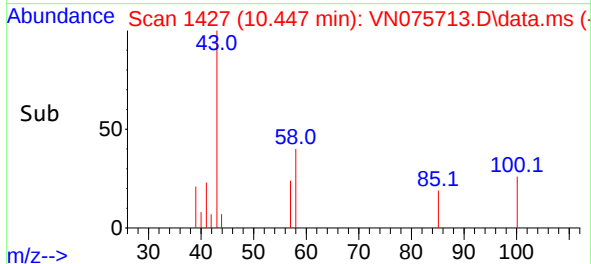
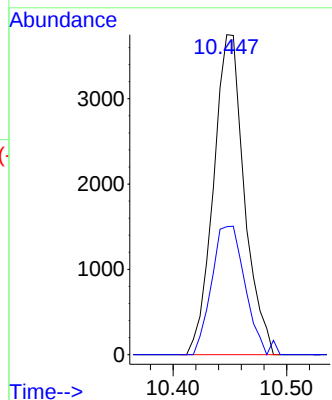
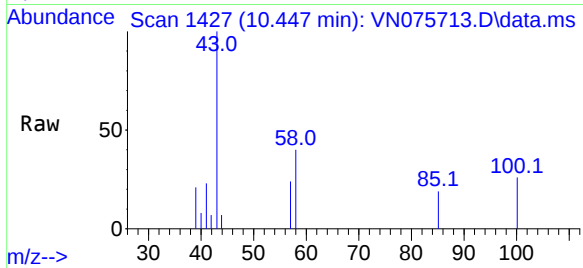




#51
4-Methyl-2-Pentanone
Concen: 2.743 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

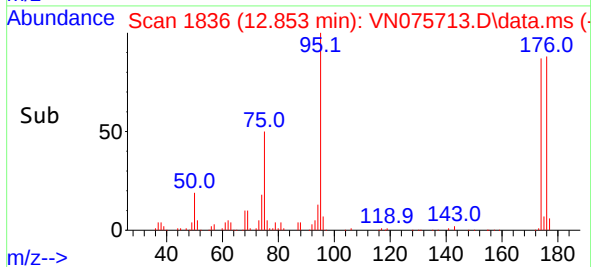
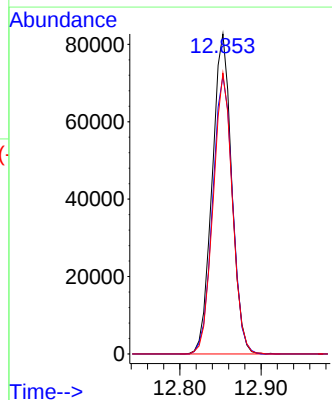
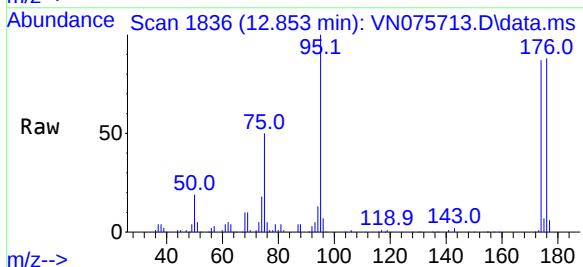
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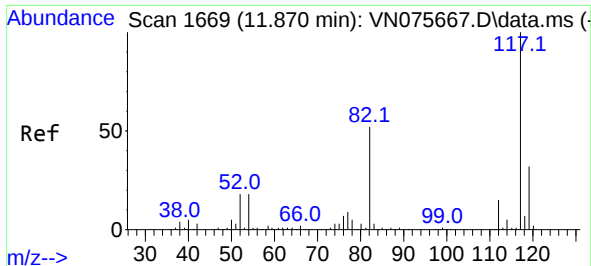
Tgt Ion: 43 Resp: 7077
Ion Ratio Lower Upper
43 100
58 43.7 35.0 52.6



#62
4-Bromofluorobenzene
Concen: 45.688 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion: 95 Resp: 137925
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.6
176 86.4 0.0 170.8

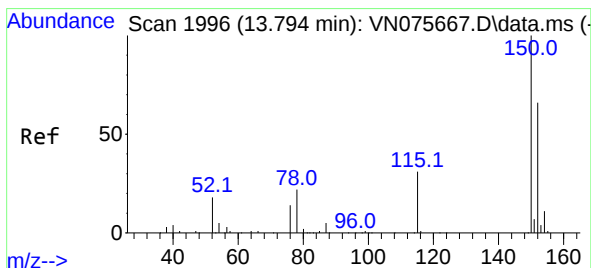
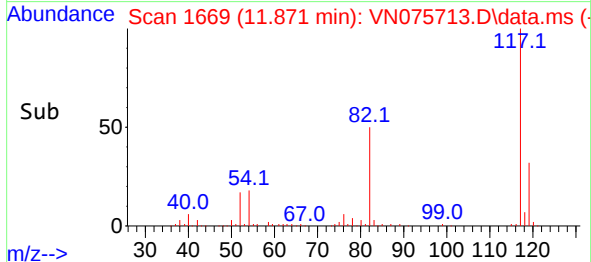
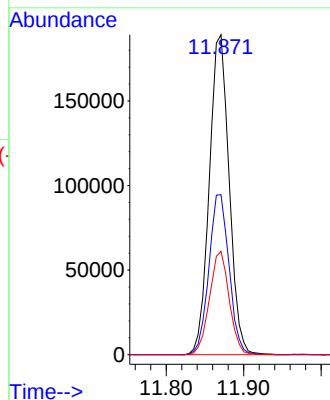
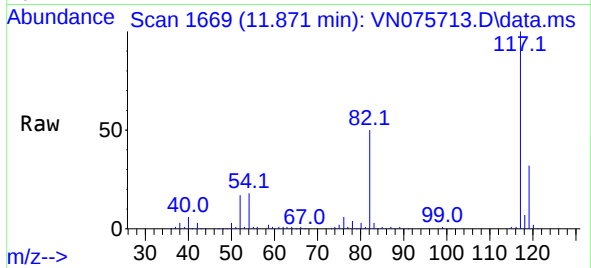




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

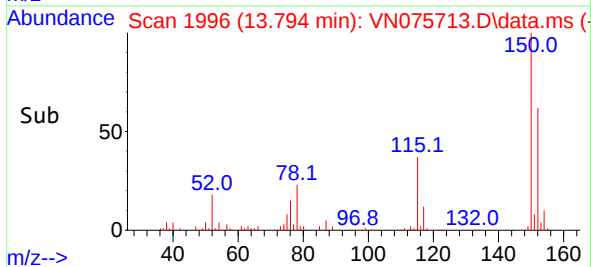
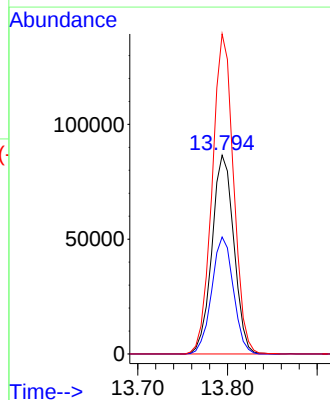
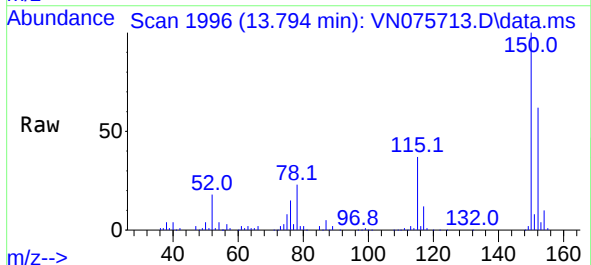
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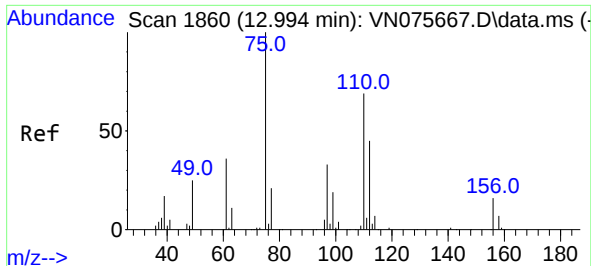
Tgt Ion:117 Resp: 336083
Ion Ratio Lower Upper
117 100
82 50.0 41.8 62.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Tgt Ion:152 Resp: 146886
Ion Ratio Lower Upper
152 100
115 58.1 28.4 85.2
150 156.9 0.0 347.6

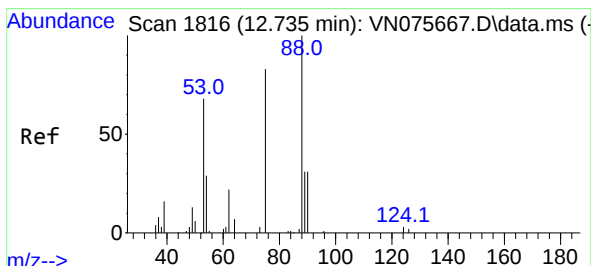
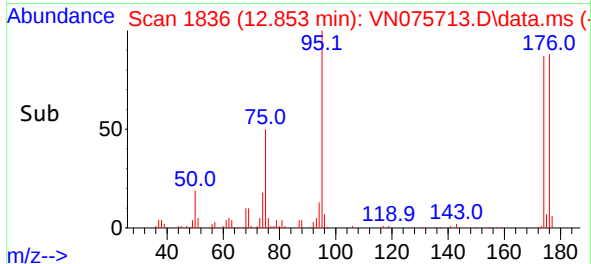
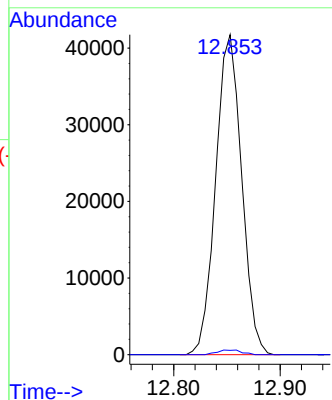
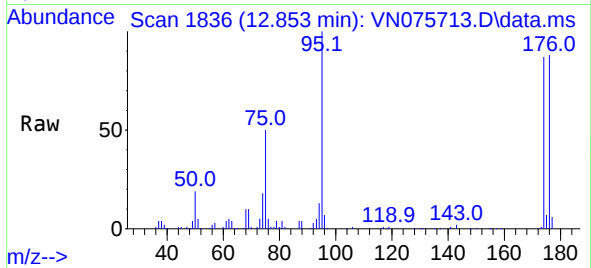




#76
1,2,3-Trichloropropane
Concen: 23.932 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

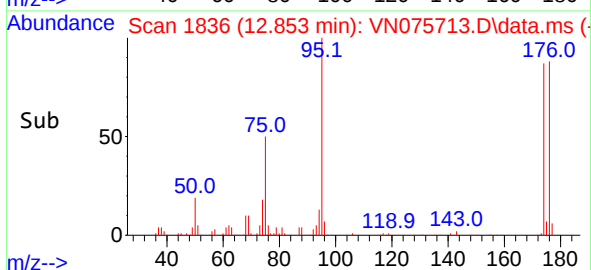
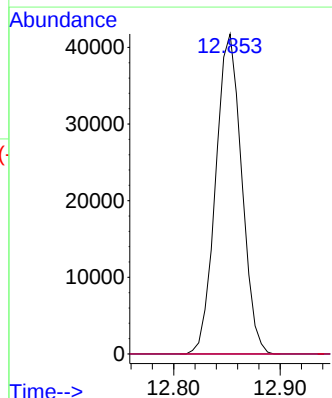
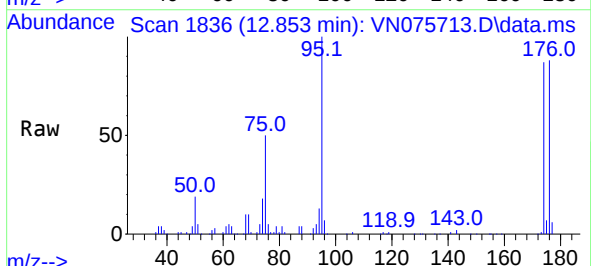
Instrument :
MSVOA_N
ClientSampleId :
MW-27

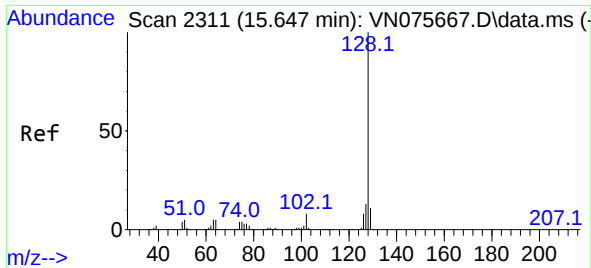
Tgt Ion: 75 Resp: 70596
Ion Ratio Lower Upper
75 100
77 1.4 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.471 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

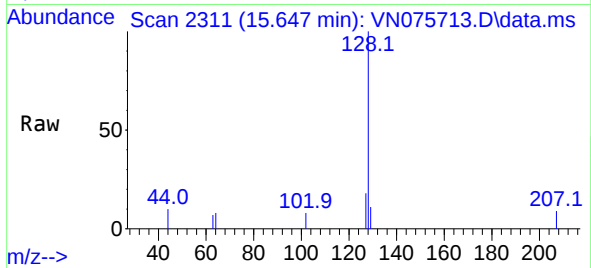
Tgt Ion: 75 Resp: 70596
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#





#95
Naphthalene
Concen: 0.648 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075713.D
Acq: 12 Dec 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
MW-27



Tgt Ion:128 Resp: 4537
Ion Ratio Lower Upper
128 100
127 9.7 10.2 15.4#
129 8.9 8.4 12.6

