

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068646.D
 Acq On : 24 Sep 2021 18:17
 Operator : JC/MD
 Sample : M3911-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 24 18:34:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

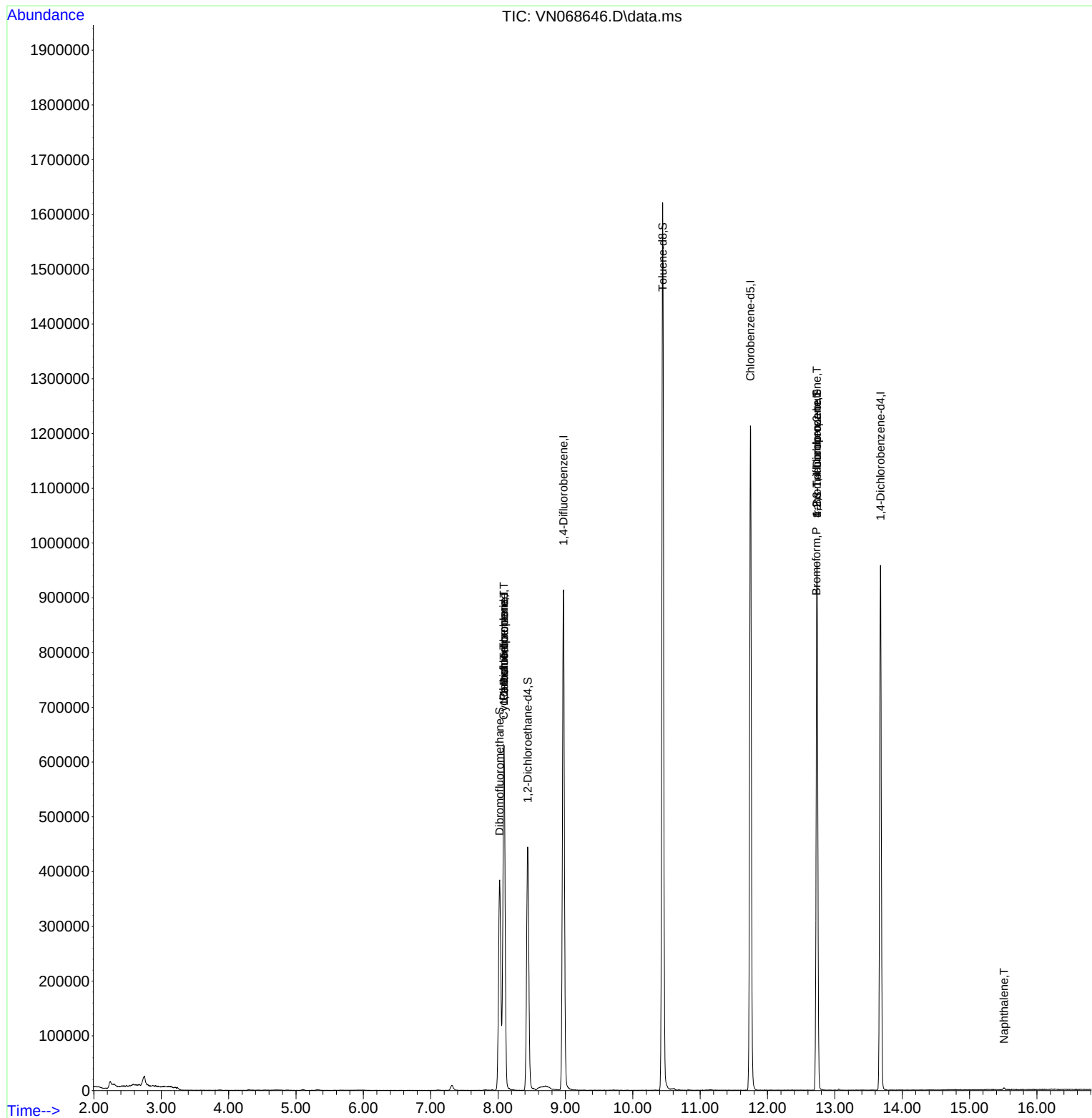
Internal Standards						
1) Pentafluorobenzene	8.088	168	479425	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	779690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	690246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	250883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	367879	49.154	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.300%		
35) Dibromofluoromethane	8.024	113	277695	53.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.520%		
50) Toluene-d8	10.443	98	1101603	49.818	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.734	95	320958	42.440	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.880%		
Target Compounds						
5) Bromomethane	2.864	94	395	Below Cal	#	56
6) Chloroethane	3.052	64	255	Below Cal	#	44
16) Acetone	4.304	43	2043	Below Cal	#	48
20) Methylene Chloride	5.098	84	594	Below Cal	#	71
31) Cyclohexane	8.083	56	11070	1.054	ug/l	# 21
36) 1,1-Dichloropropene	8.086	75	39713	5.043	ug/l	# 51
38) Carbon Tetrachloride	8.088	117	48754	5.994	ug/l	# 16
71) Bromoform	12.728	173	1576	0.392	ug/l	# 1
76) 1,2,3-Trichloropropane	12.734	75	176617	28.472	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.734	75	176617	80.425	ug/l	# 6
95) Naphthalene	15.512	128	3592	1.884	ug/l	# 80

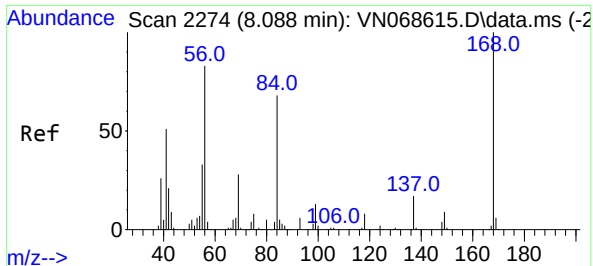
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 18:34:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

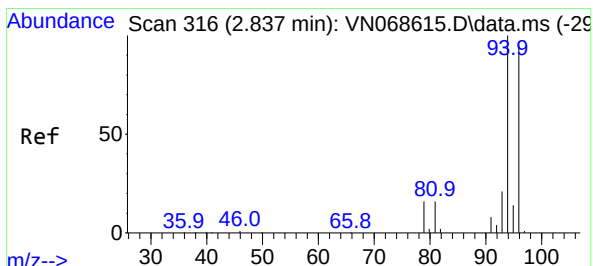
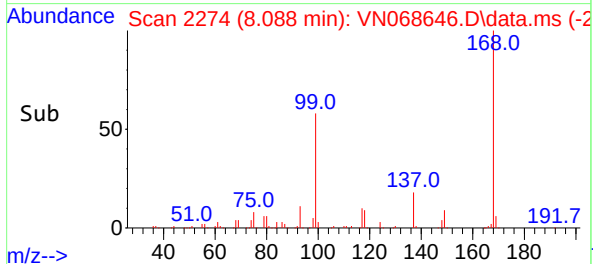
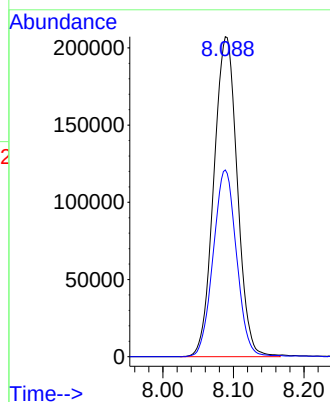
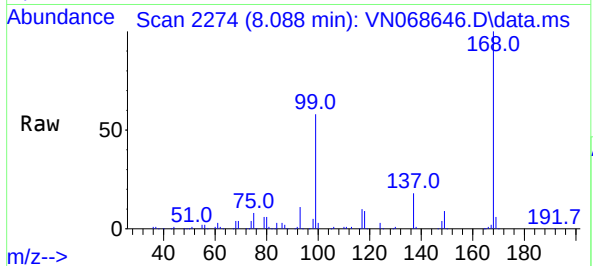




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

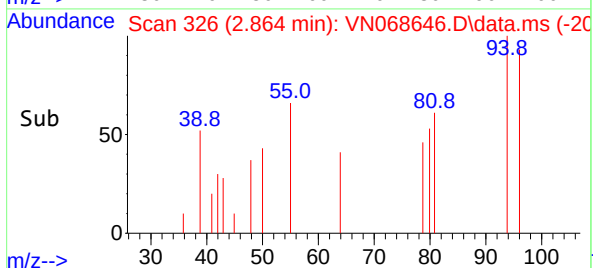
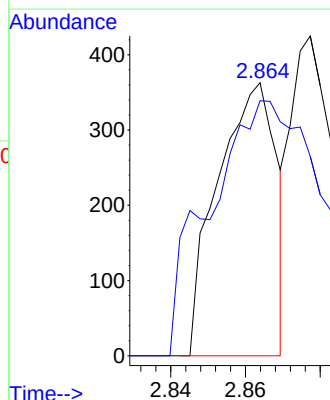
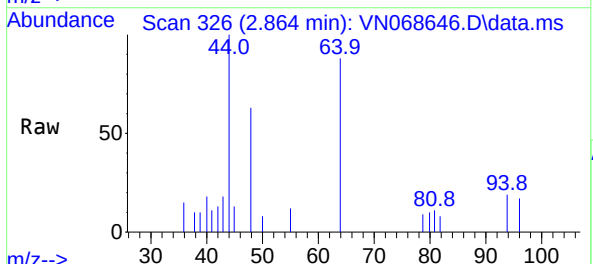
Instrument :
MSVOA_N
ClientSampled :
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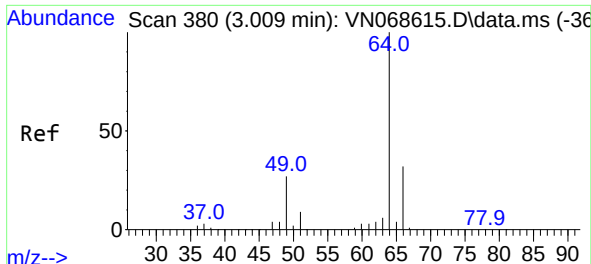
Tgt Ion:168 Resp: 479425
Ion Ratio Lower Upper
168 100
99 58.3 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.864 min Scan# 326
Delta R.T. 0.027 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 50.1 73.7 110.5#

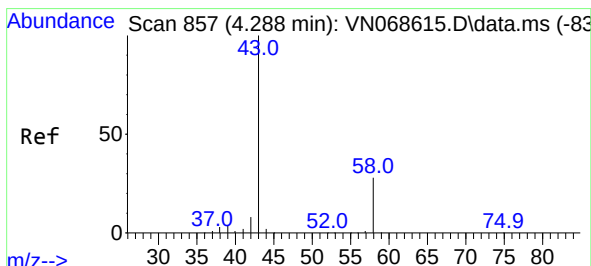
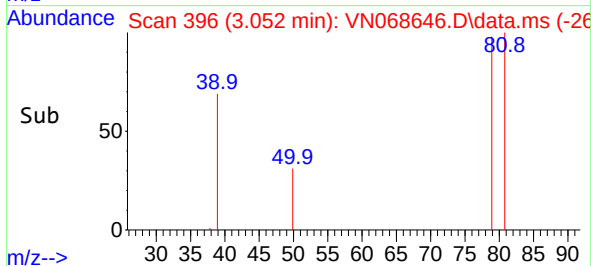
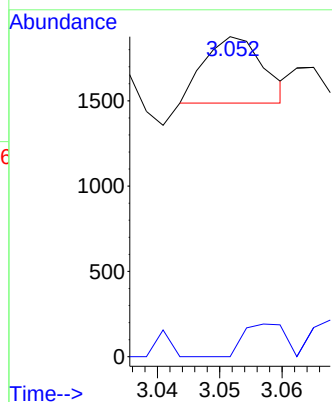
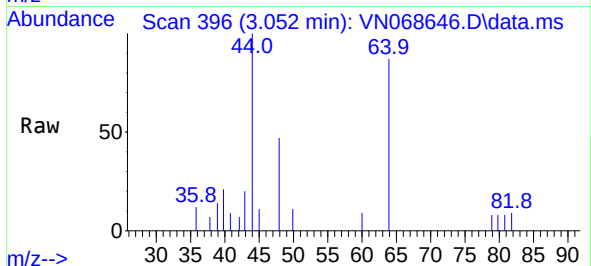




#6
Chloroethane
Concen: Below Cal
RT: 3.052 min Scan# 396
Delta R.T. 0.043 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

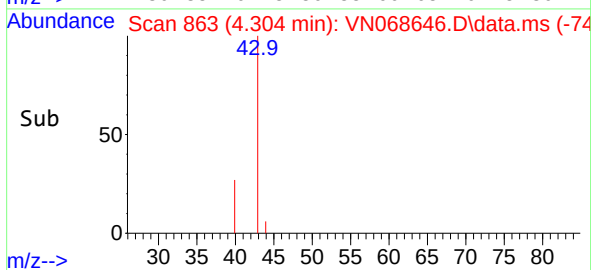
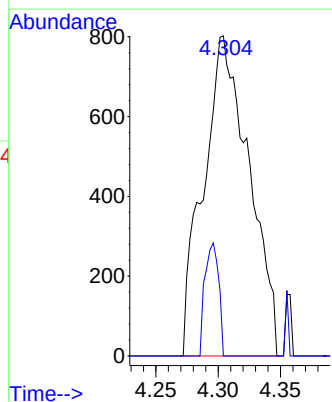
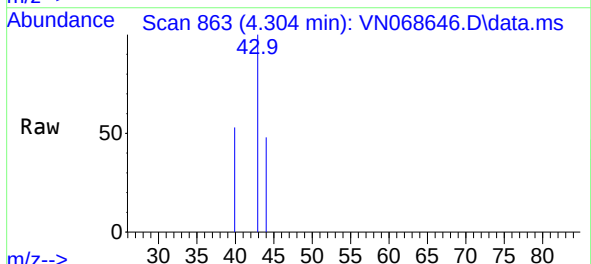
Instrument :
MSVOA_N
ClientSampleId :
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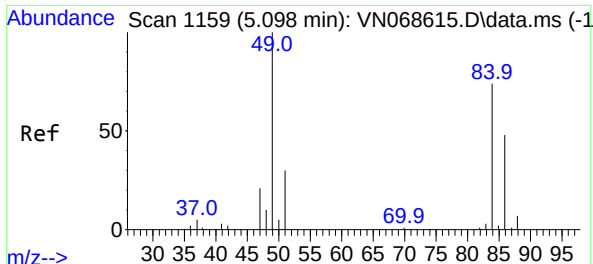
Tgt Ion: 64 Resp: 255
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: Below Cal
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



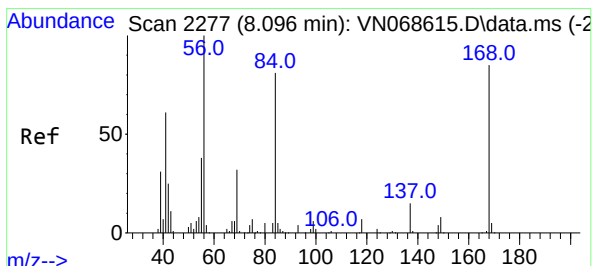
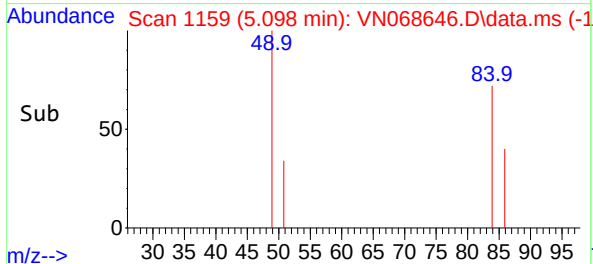
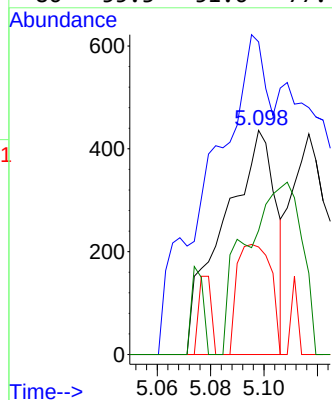
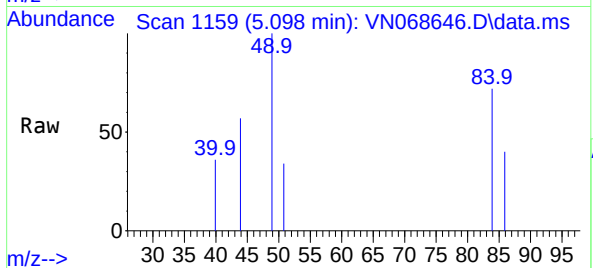


#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tgt Ion: 84 Resp: 594

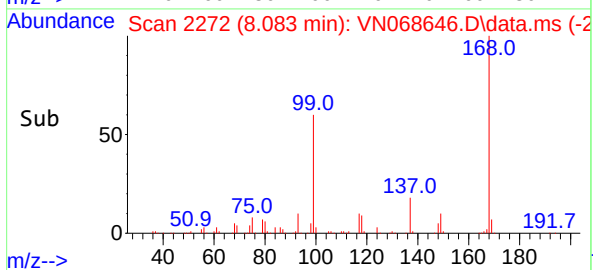
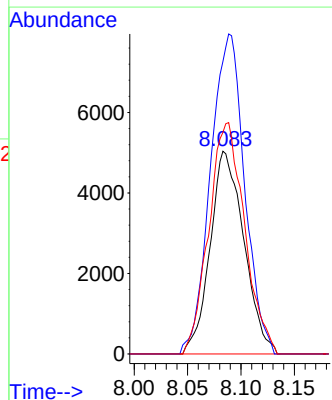
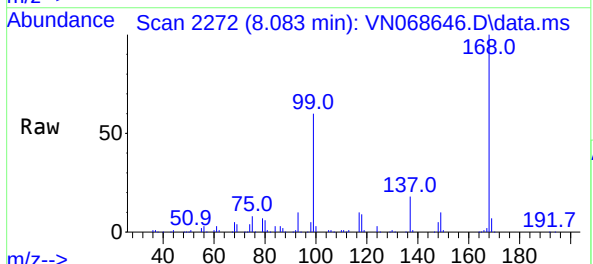
Ion	Ratio	Lower	Upper
84	100		
49	87.4	110.9	166.3#
51	47.9	32.6	49.0
86	55.3	51.6	77.4

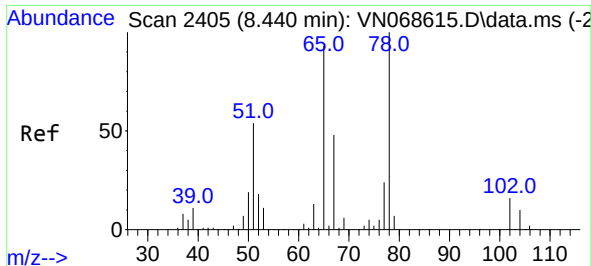


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 56 Resp: 11070

Ion	Ratio	Lower	Upper
56	100		
69	144.3	27.3	40.9#
84	109.4	64.9	97.3#



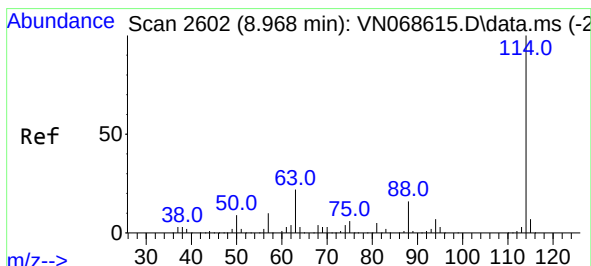
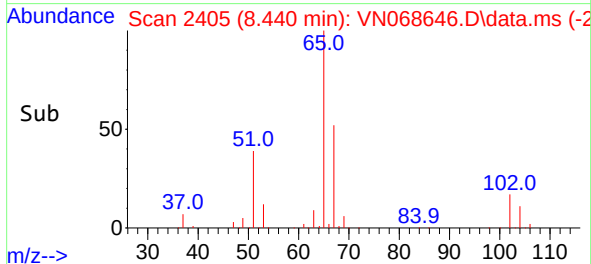
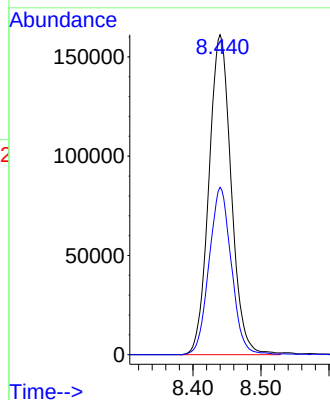
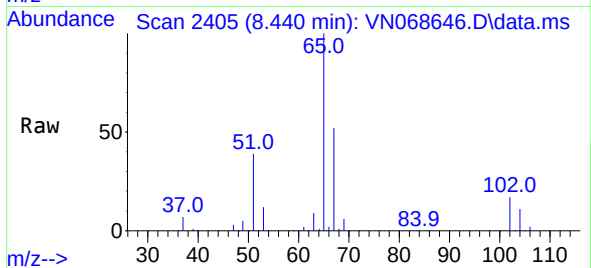


#33

1,2-Dichloroethane-d4
Concen: 49.154 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

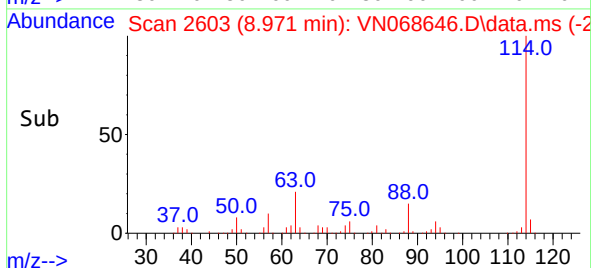
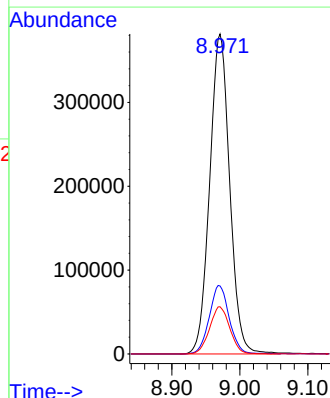
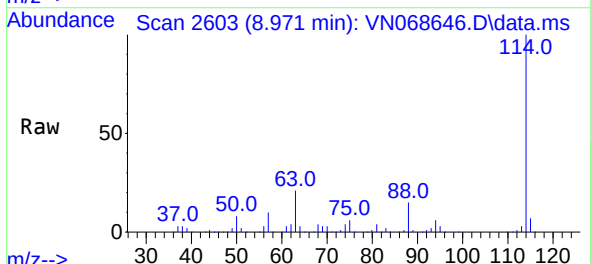
Tgt Ion: 65 Resp: 367879
Ion Ratio Lower Upper
65 100
67 52.2 0.0 98.6

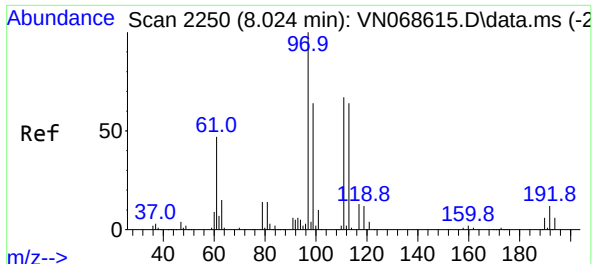


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 114 Resp: 779690
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 14.8 0.0 36.6

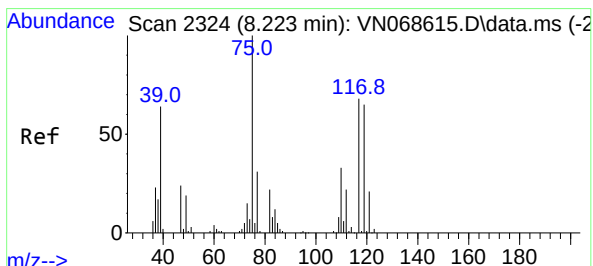
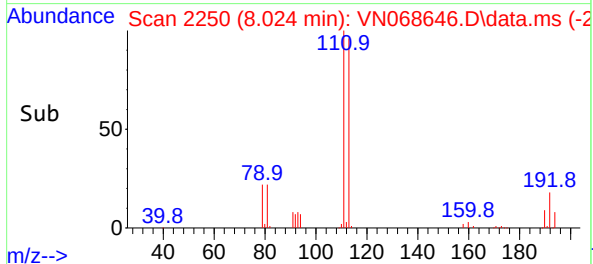
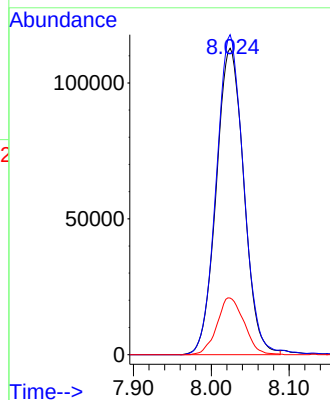
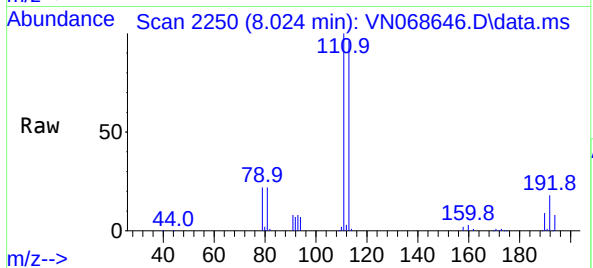




#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

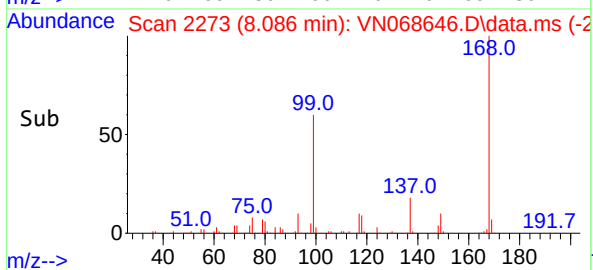
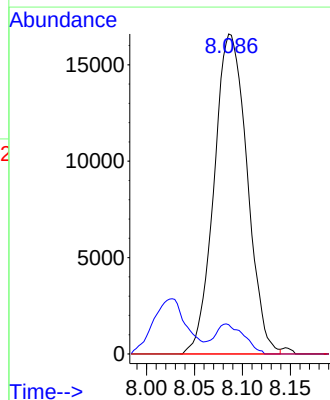
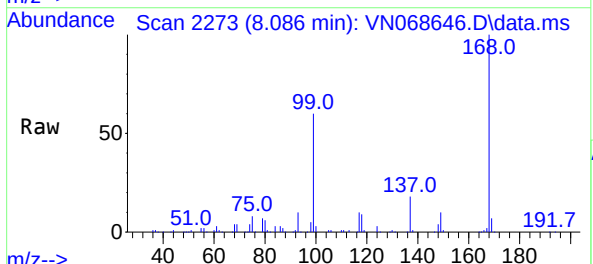
Instrument :
MSVOA_N
ClientSampled :
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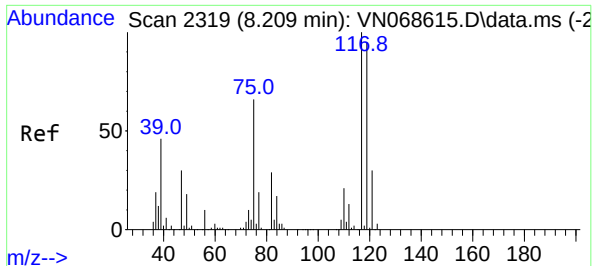
Tgt Ion:113 Resp: 277695
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 18.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 75 Resp: 39713
Ion Ratio Lower Upper
75 100
110 8.1 15.7 47.0#
77 0.0 24.6 37.0#

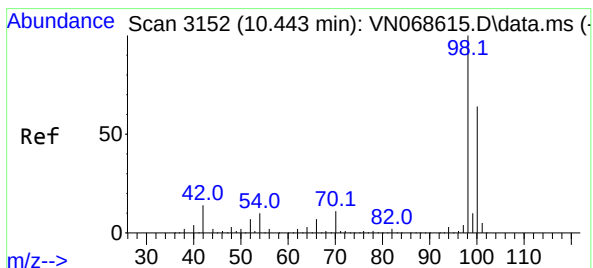
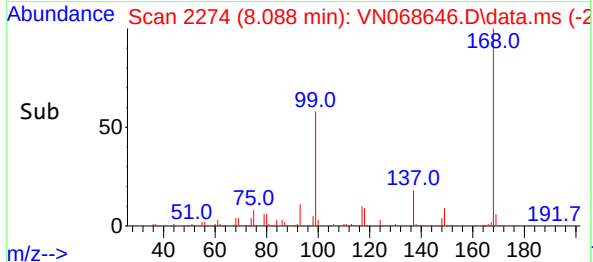
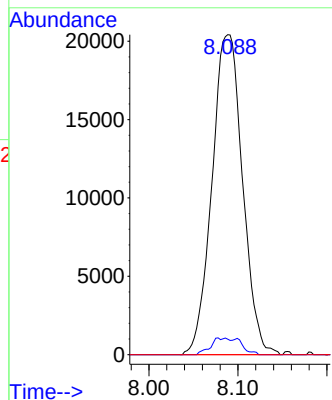
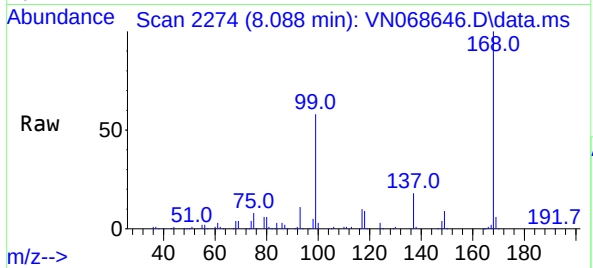




#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

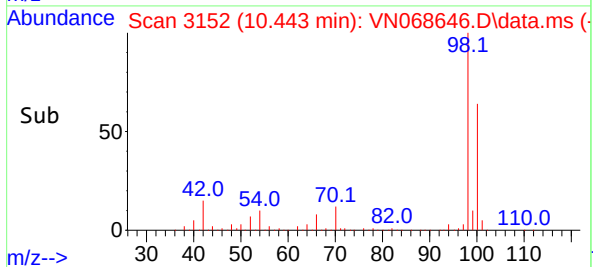
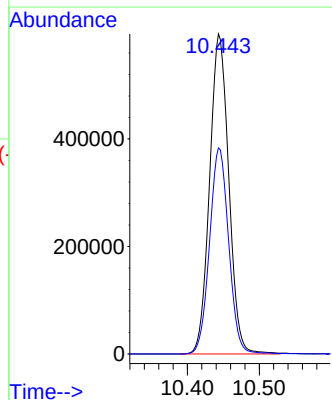
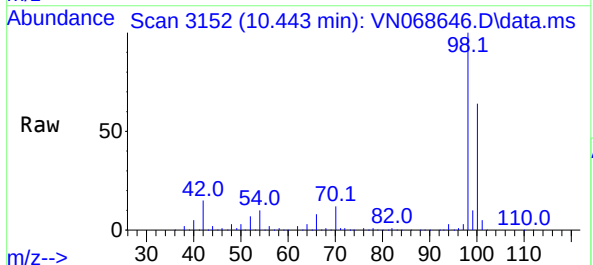
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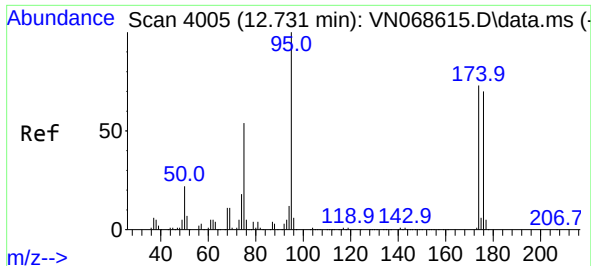
Tgt Ion:117 Resp: 48754
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.818 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 98 Resp: 1101603
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

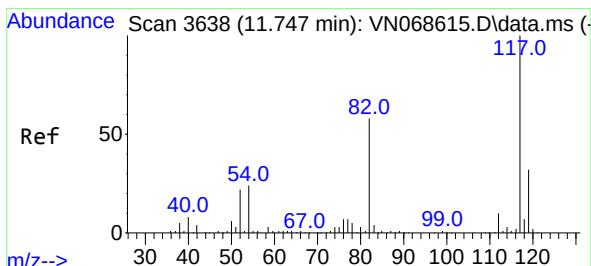
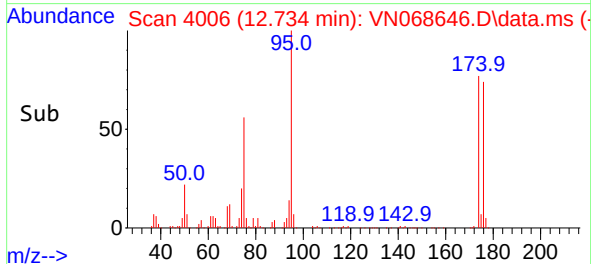
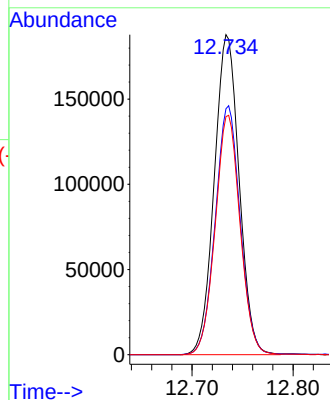
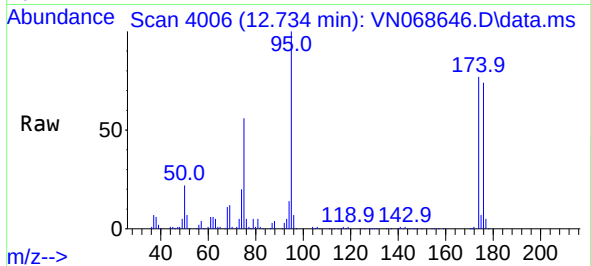




#62
4-Bromofluorobenzene
Concen: 42.440 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

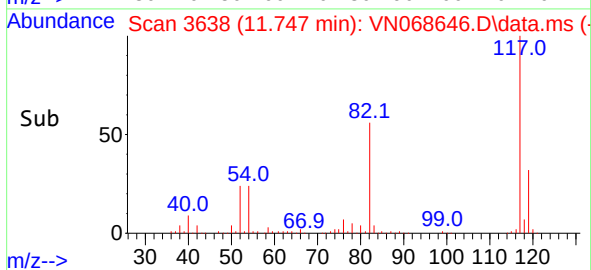
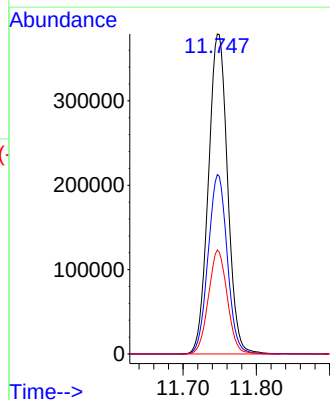
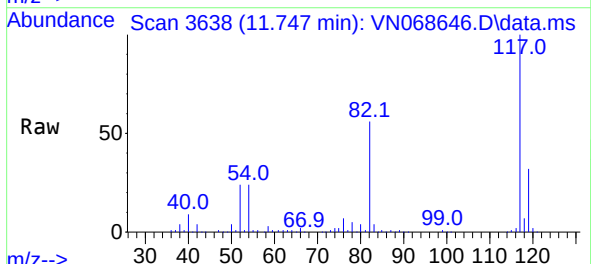
Instrument :
MSVOA_N
ClientSampleId :
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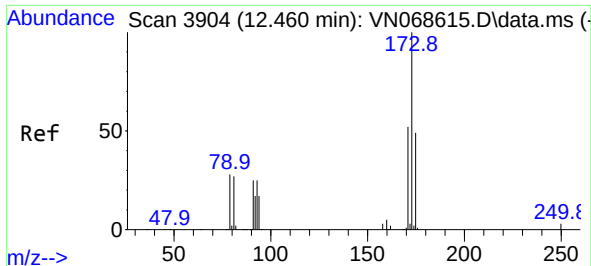
Tgt Ion: 95 Resp: 320958
Ion Ratio Lower Upper
95 100
174 77.8 0.0 122.0
176 74.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion: 117 Resp: 690246
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 32.5 25.5 38.3

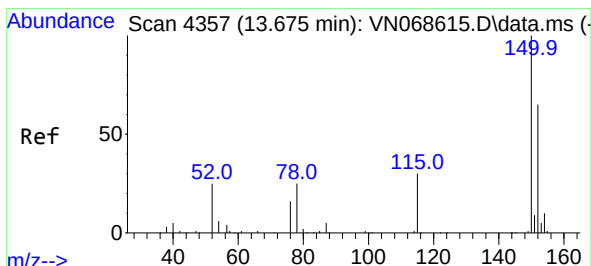
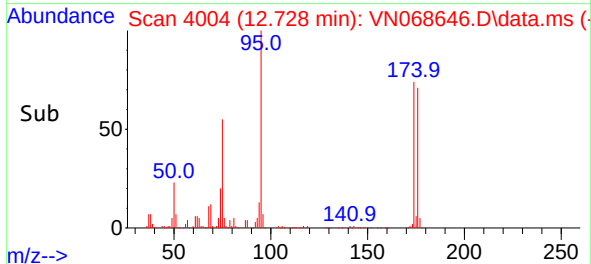
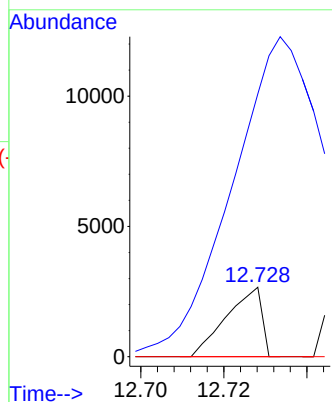
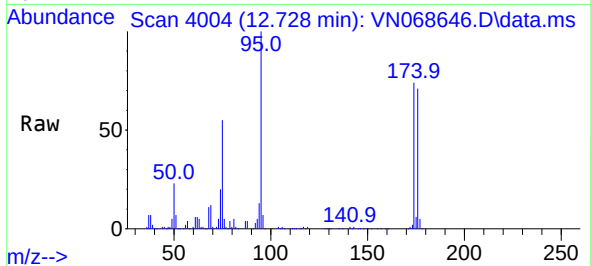




#71
Bromoform
Concen: 0.392 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

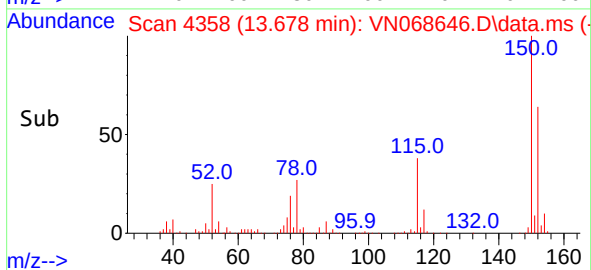
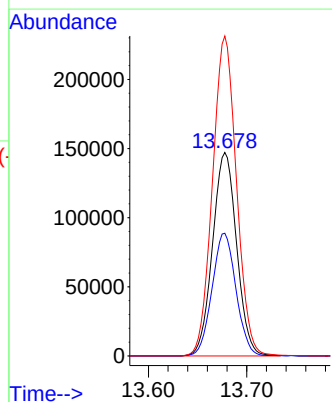
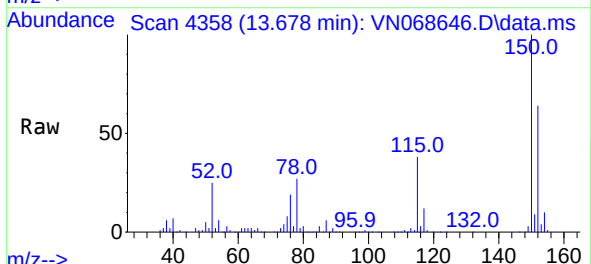
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ClientSampleId :
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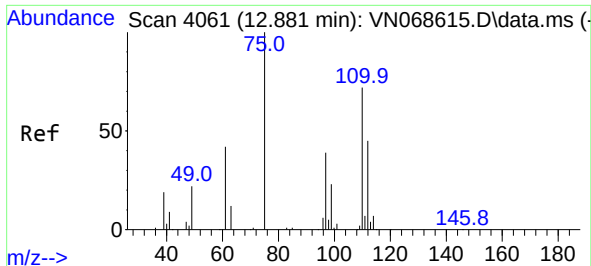
Tgt Ion:173 Resp: 1576
Ion Ratio Lower Upper
173 100
175 1194.1 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Tgt Ion:152 Resp: 250883
Ion Ratio Lower Upper
152 100
115 60.0 36.1 108.5
150 156.6 0.0 351.8

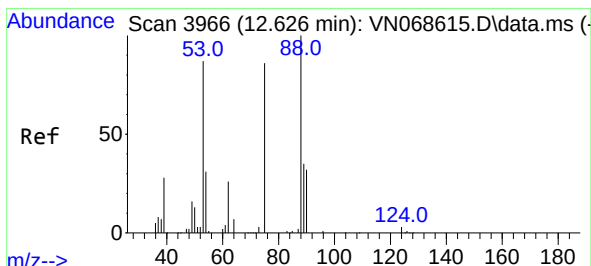
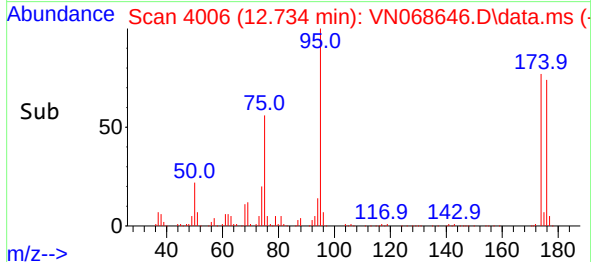
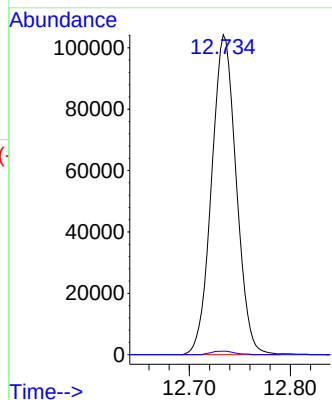
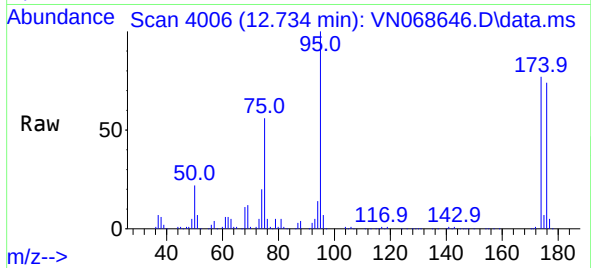




#76
1,2,3-Trichloropropane
Concen: 28.472 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

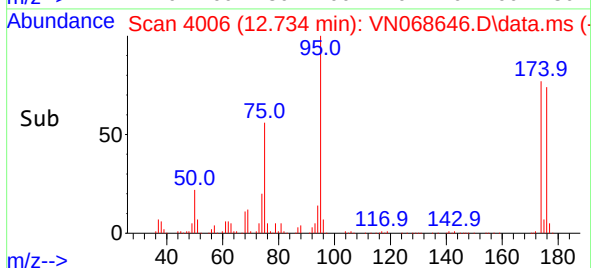
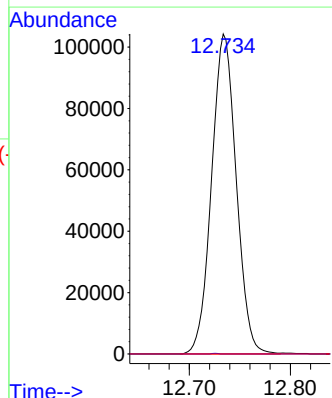
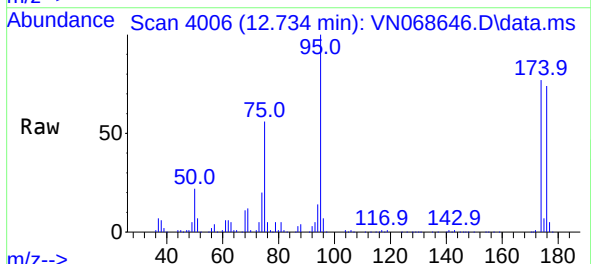
Instrument :
MSVOA_N
ClientSampled :
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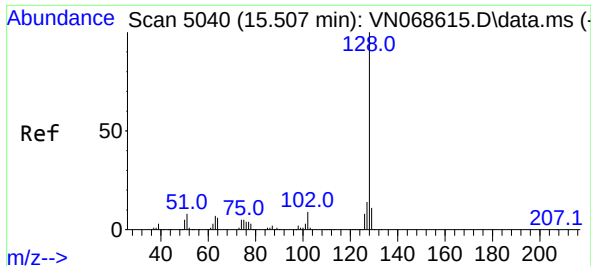
Tgt Ion: 75 Resp: 176617
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.425 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

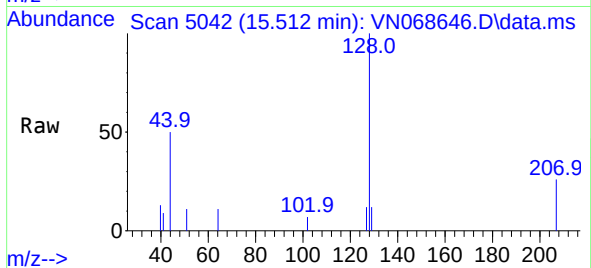
Tgt Ion: 75 Resp: 176617
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.884 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068646.D
Acq: 24 Sep 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 3592
Ion Ratio Lower Upper
128 100
127 3.5 10.6 15.8#
129 5.4 8.6 12.8#

