

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074518.D
 Acq On : 16 Sep 2022 18:26
 Operator : JC\MD
 Sample : N4628-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 16 22:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

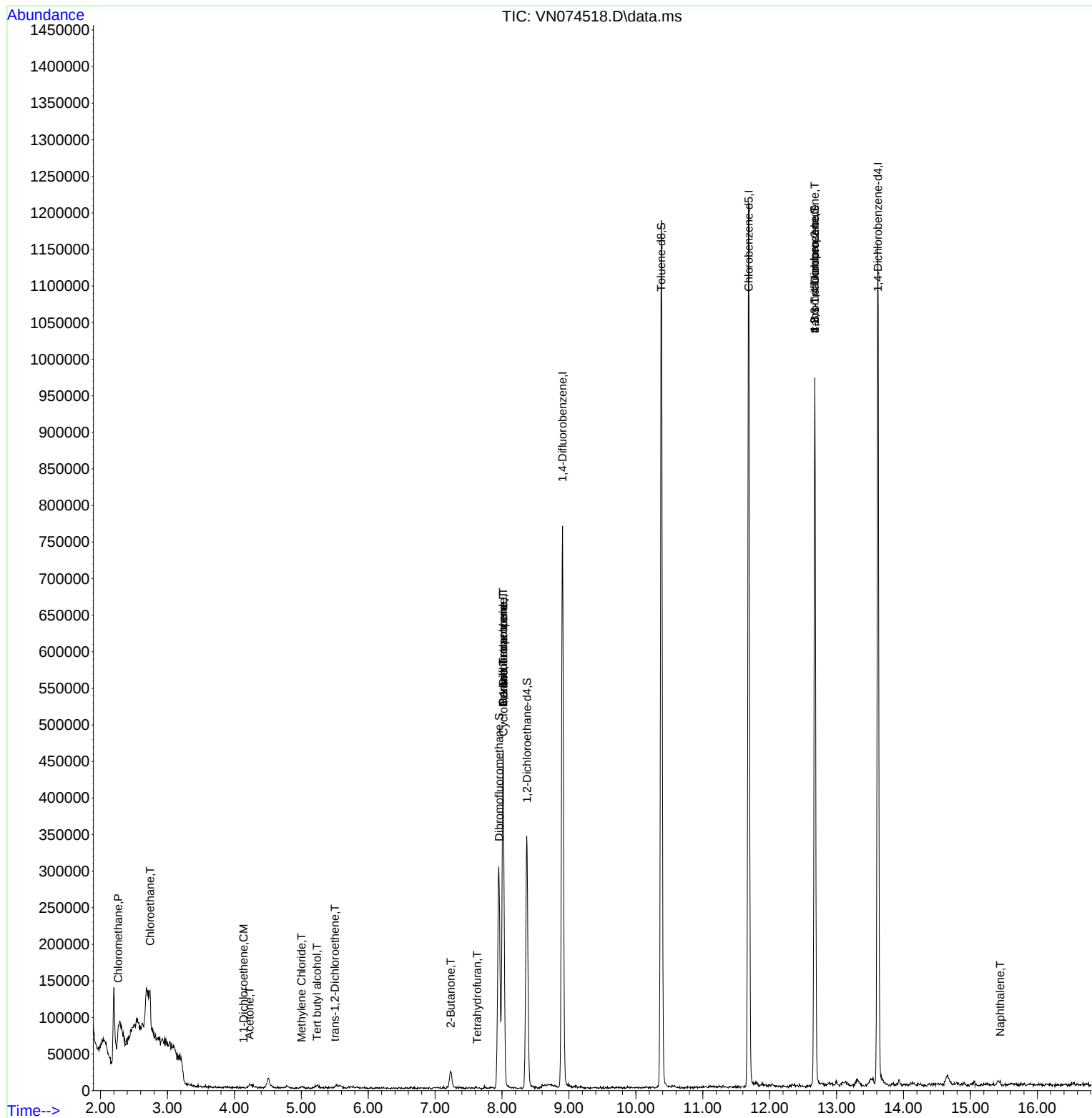
Internal Standards						
1) Pentafluorobenzene	8.016	168	319882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	630234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	623556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	273532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	260397	47.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	7.957	113	211872	50.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	10.381	98	779159	48.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.675	95	298556	53.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.680%
Target Compounds						
						Qvalue
3) Chloromethane	2.263	50	2942	0.758	ug/l	# 80
6) Chloroethane	2.740	64	8503	1.986	ug/l	# 64
11) Tert butyl alcohol	5.234	59	2463	1.393	ug/l	# 72
12) 1,1-Dichloroethene	4.140	96	82	0.704	ug/l	# 1
16) Acetone	4.228	43	10063	2.897	ug/l	# 84
20) Methylene Chloride	5.004	84	919	0.204	ug/l	# 89
21) trans-1,2-Dichloroethene	5.504	96	82	0.447	ug/l	# 1
25) 2-Butanone	7.234	43	3041	0.527	ug/l	# 45
28) Bromochloromethane	7.475	49	70	Below Cal	#	8
29) Tetrahydrofuran	7.628	42	830	0.219	ug/l	# 36
31) Cyclohexane	8.022	56	10171	1.056	ug/l	# 48
36) 1,1-Dichloropropene	8.016	75	32790	4.425	ug/l	# 50
38) Carbon Tetrachloride	8.016	117	33402	4.882	ug/l	# 15
76) 1,2,3-Trichloropropane	12.675	75	175257	20.816	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.675	75	175257	44.927	ug/l	# 11
95) Naphthalene	15.445	128	3227	1.722	ug/l	# 84

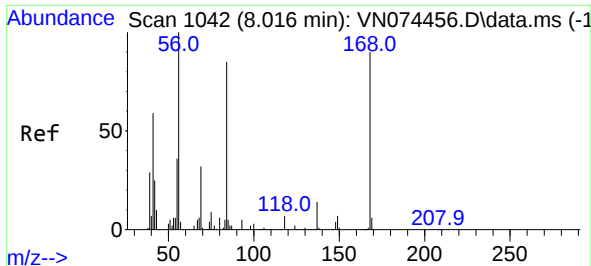
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 22:35:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

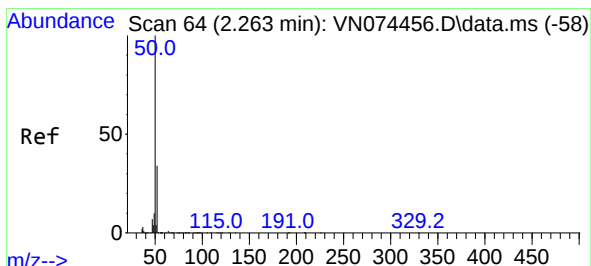
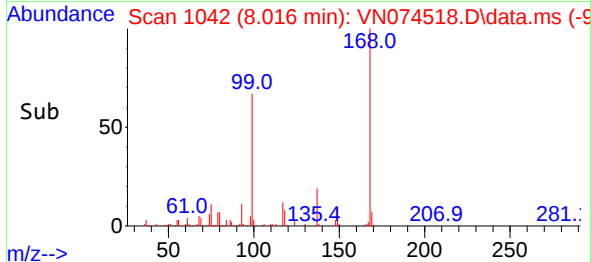
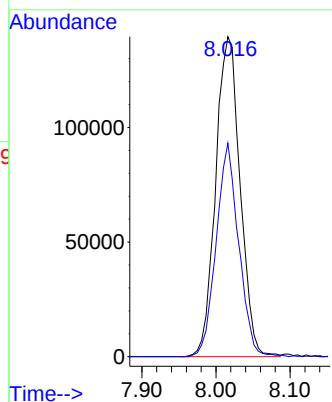
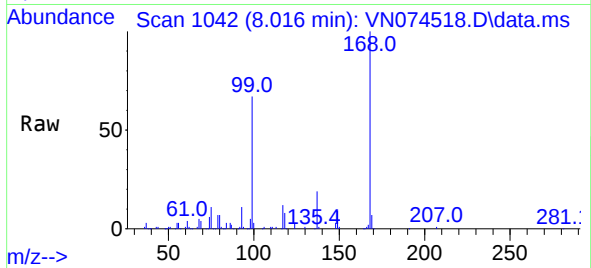




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

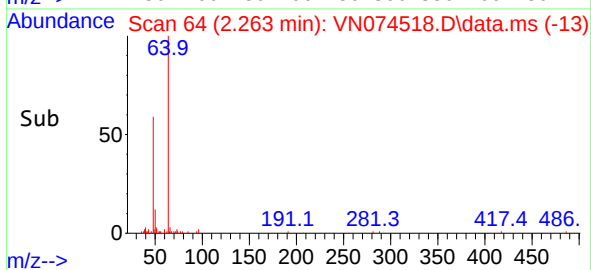
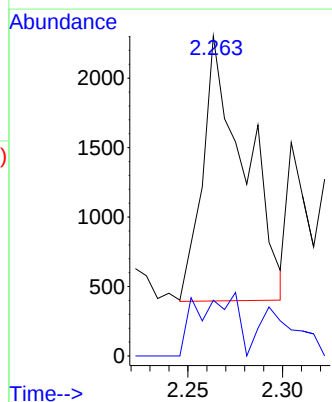
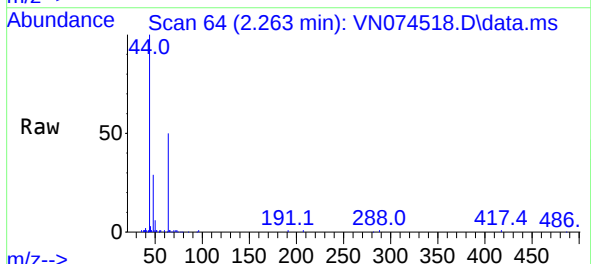
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

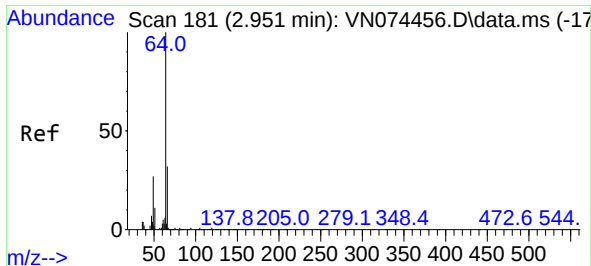
Tgt Ion:168 Resp: 319882
Ion Ratio Lower Upper
168 100
99 66.7 42.3 63.5#



#3
Chloromethane
Concen: 0.758 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 50 Resp: 2942
Ion Ratio Lower Upper
50 100
52 21.1 25.7 38.5#

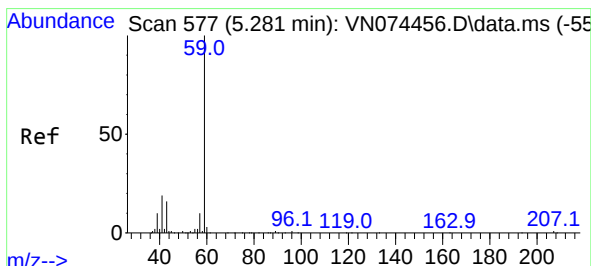
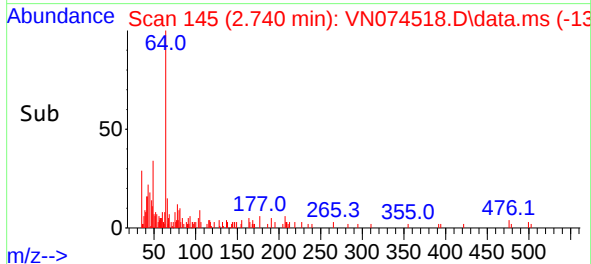
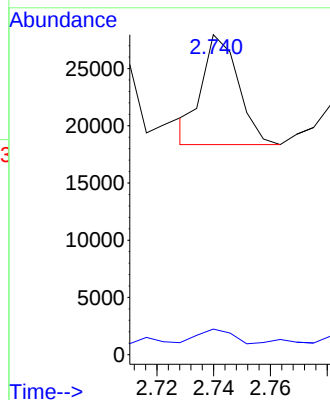
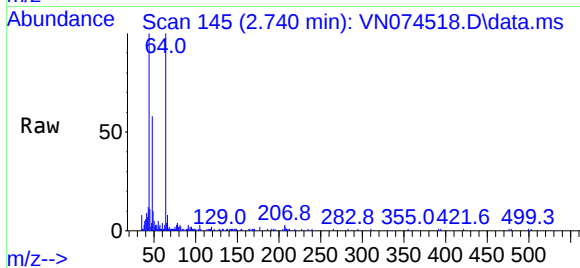




#6
Chloroethane
Concen: 1.986 ug/l
RT: 2.740 min Scan# 14
Delta R.T. -0.211 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

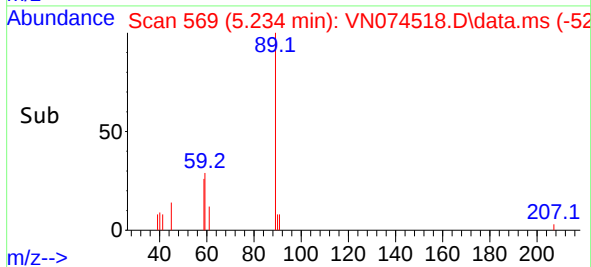
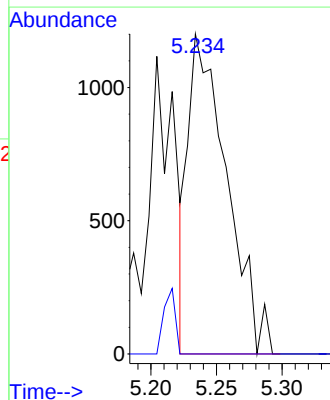
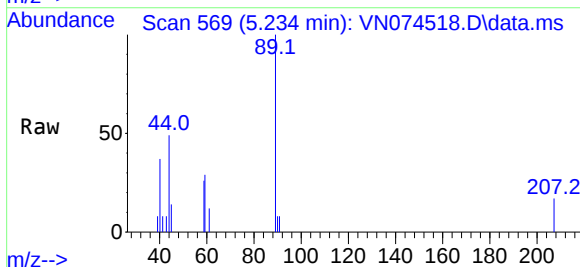
Instrument :
MSVOA_N
ClientSampleId :
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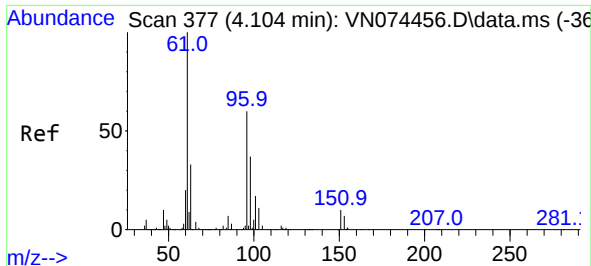
Tgt Ion: 64 Resp: 8503
Ion Ratio Lower Upper
64 100
66 12.4 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.393 ug/l
RT: 5.234 min Scan# 569
Delta R.T. -0.047 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 59 Resp: 2463
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

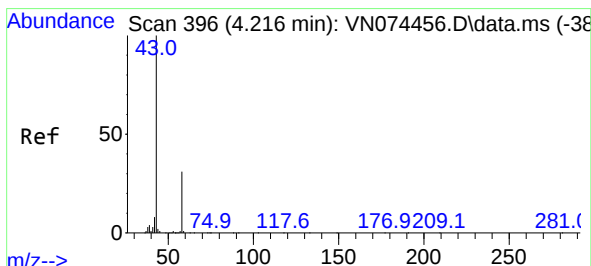
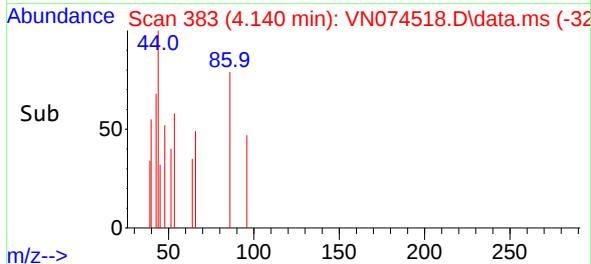
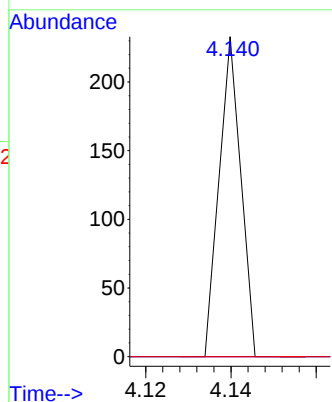
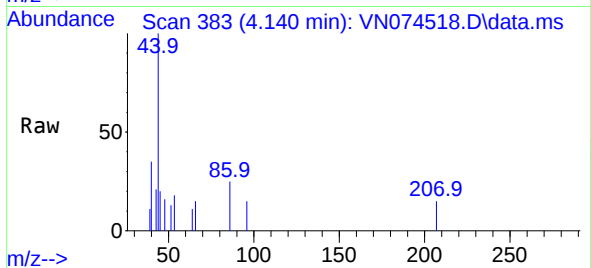




#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 4.140 min Scan# 30
Delta R.T. 0.036 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

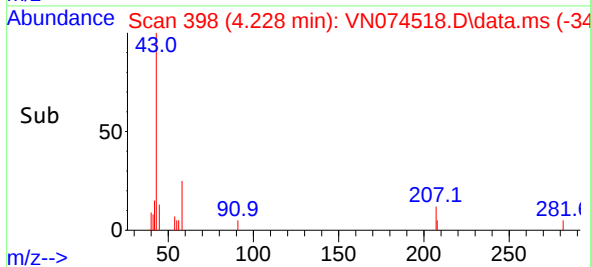
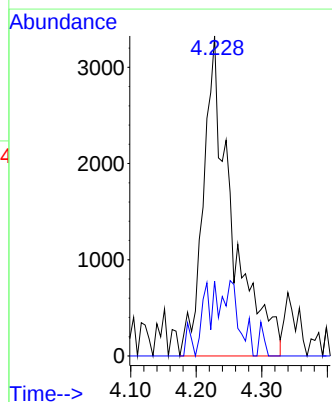
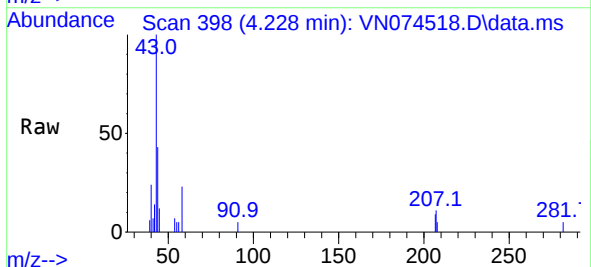
Instrument :
MSVOA_N
ClientSampleId :
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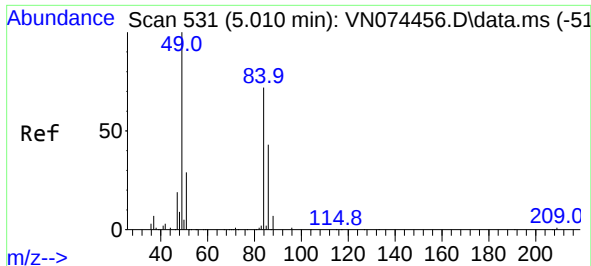
Tgt Ion: 96 Resp: 82
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 2.897 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 43 Resp: 10063
Ion Ratio Lower Upper
43 100
58 23.4 26.0 39.0#



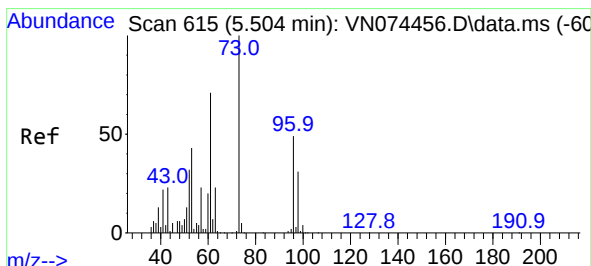
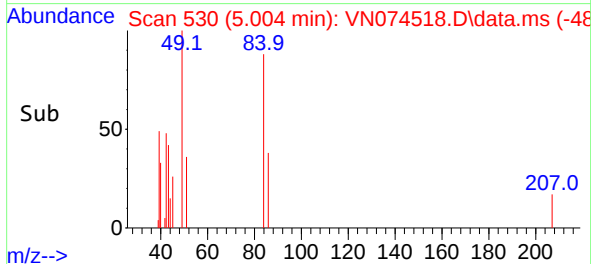
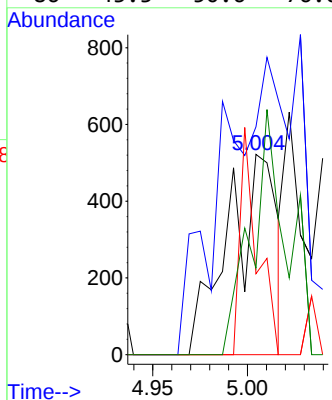
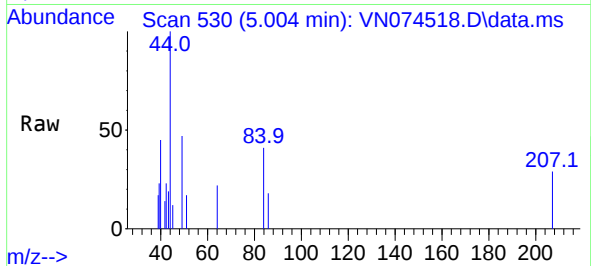


#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 5.004 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 919

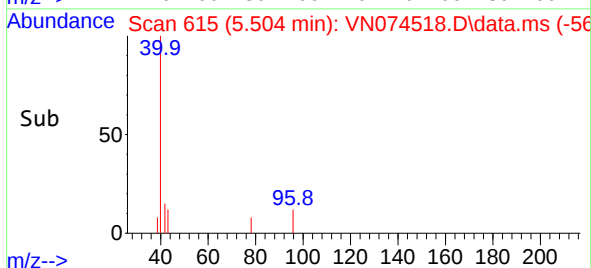
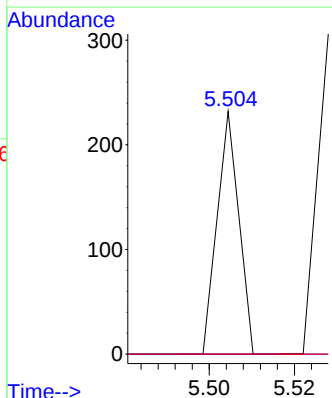
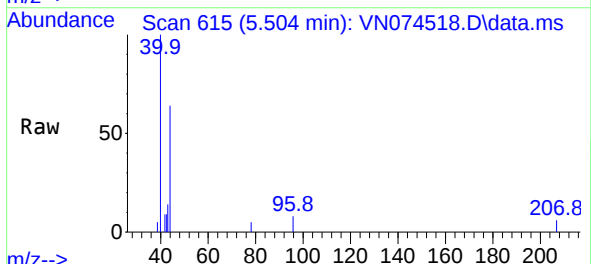
Ion	Ratio	Lower	Upper
84	100		
49	113.8	88.3	132.5
51	40.4	28.2	42.2
86	43.3	50.6	76.0

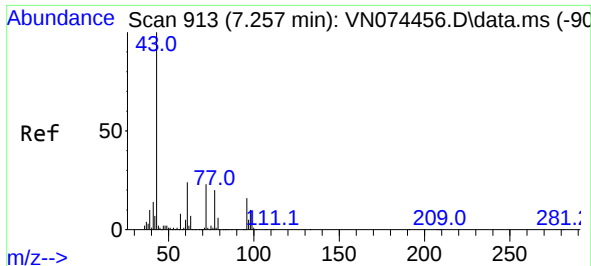


#21
trans-1,2-Dichloroethene
Concen: 0.447 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 96 Resp: 82

Ion	Ratio	Lower	Upper
96	100		
61	0.0	105.8	158.8
98	0.0	50.3	75.5





#25

2-Butanone

Concen: 0.527 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN074518.D

Acq: 16 Sep 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

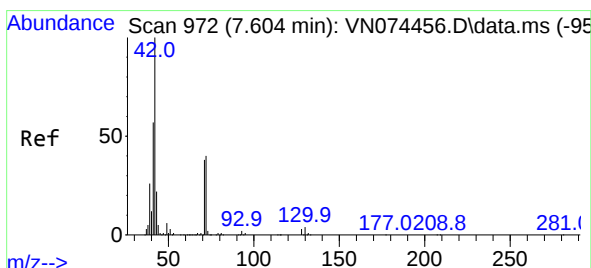
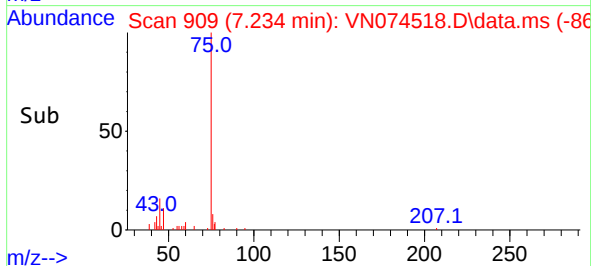
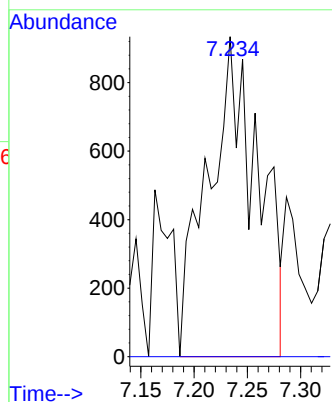
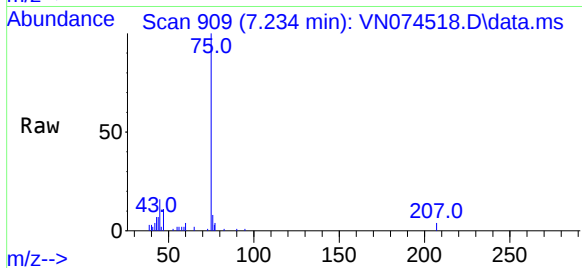
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Tgt Ion: 43 Resp: 3041

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.219 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.024 min

Lab File: VN074518.D

Acq: 16 Sep 2022 18:26

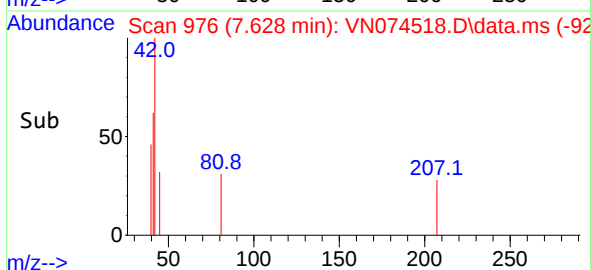
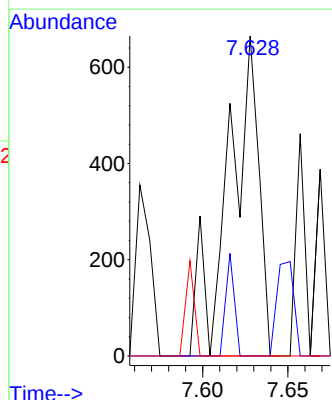
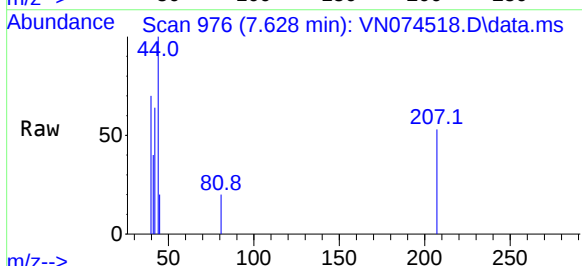
Tgt Ion: 42 Resp: 830

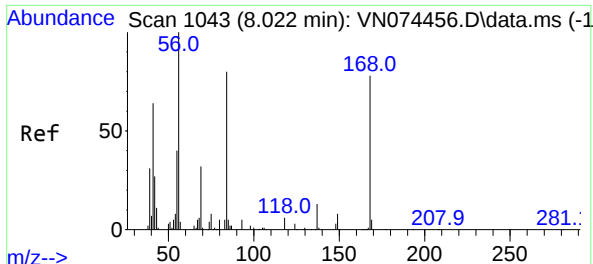
Ion Ratio Lower Upper

42 100

72 9.0 39.7 59.5#

71 0.0 36.6 55.0#

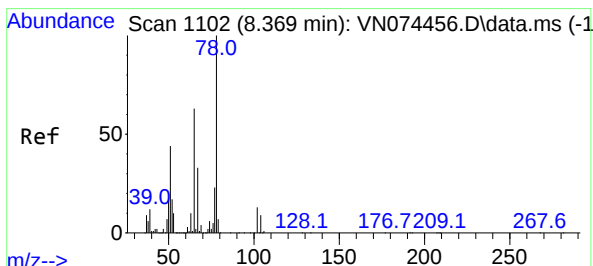
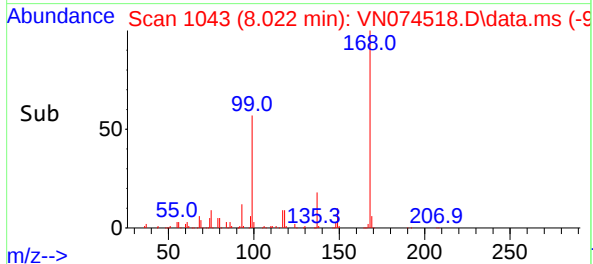
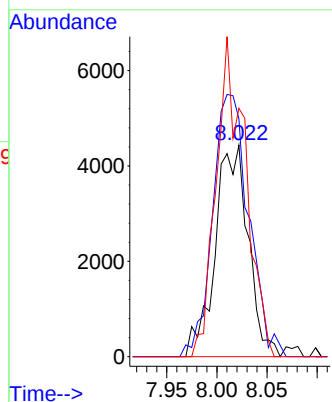
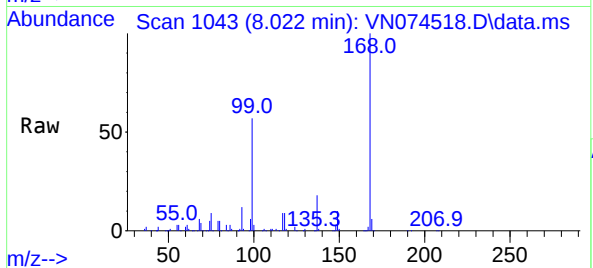




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

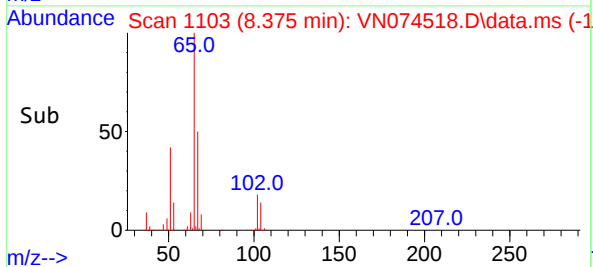
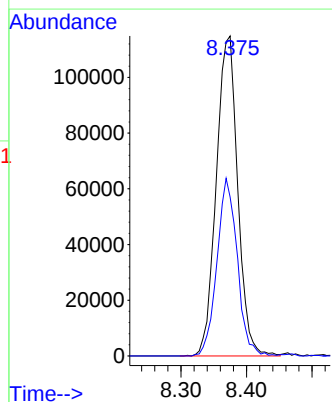
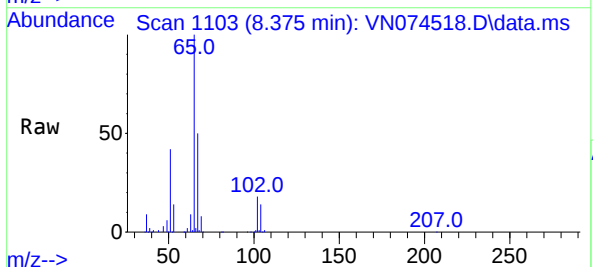
Instrument :
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ClientSampleId :
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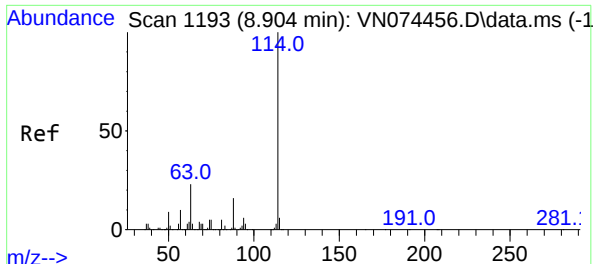
Tgt Ion: 56 Resp: 10171
Ion Ratio Lower Upper
56 100
69 112.5 27.8 41.8#
84 117.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.977 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 65 Resp: 260397
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

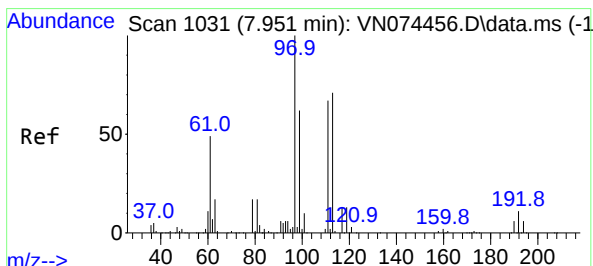
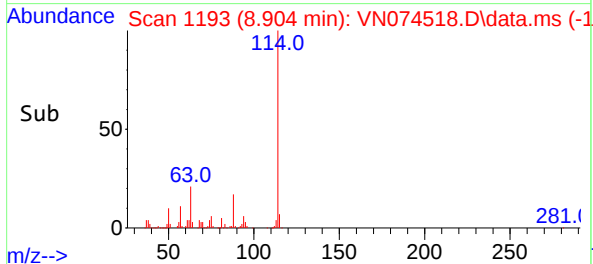
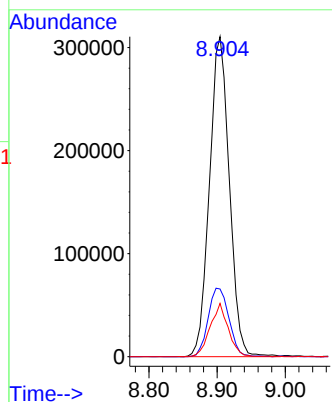
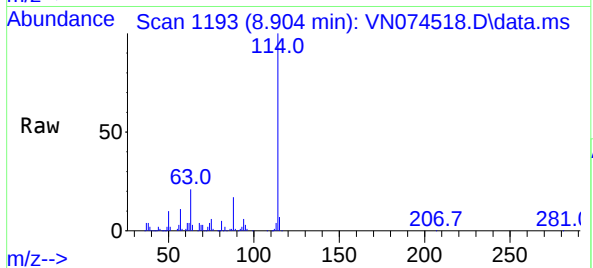




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

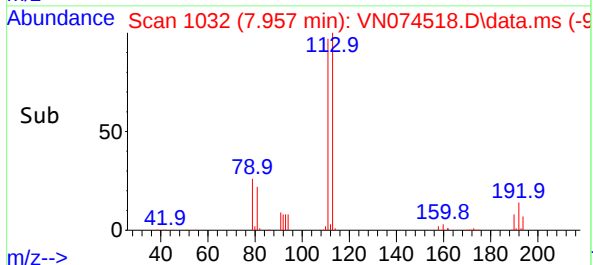
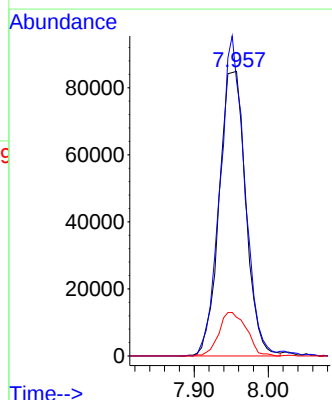
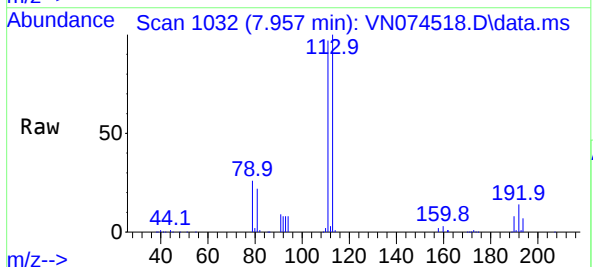
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

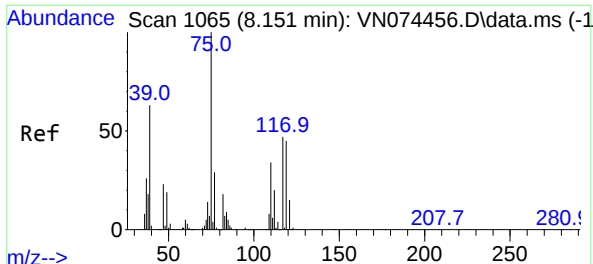
Tgt Ion:114 Resp: 630234
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.608 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion:113 Resp: 211872
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 15.9 17.0 25.6#

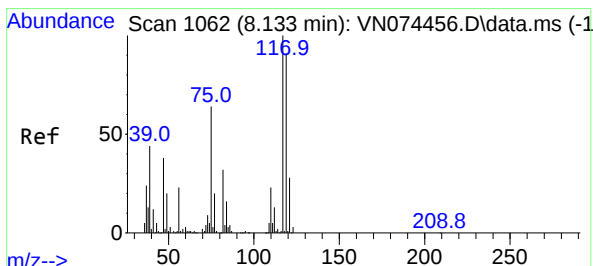
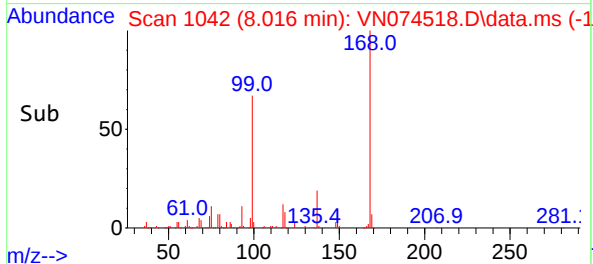
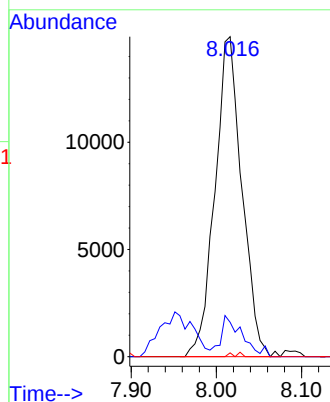
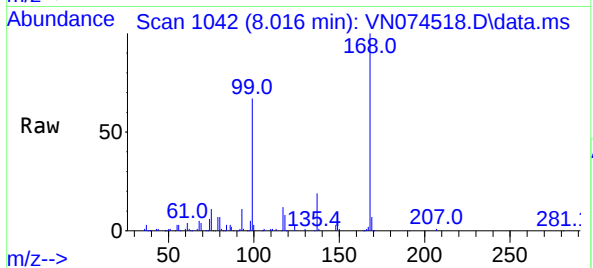




#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

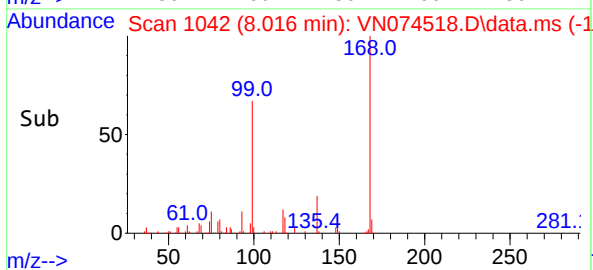
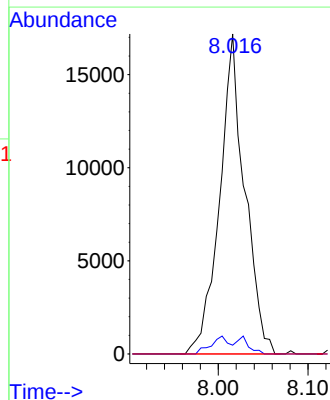
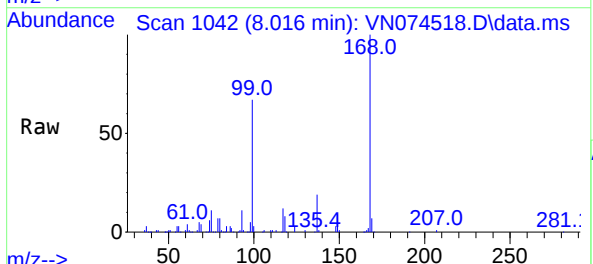
Instrument :
MSVOA_N
ClientSampleId :
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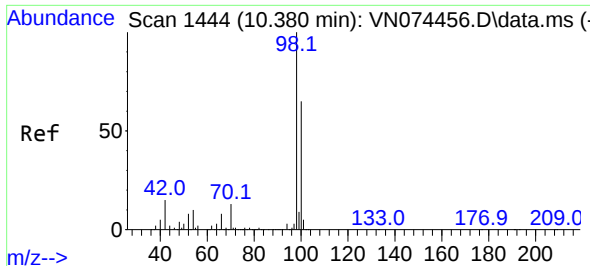
Tgt Ion: 75 Resp: 32790
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.2 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.882 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 117 Resp: 33402
Ion Ratio Lower Upper
117 100
119 2.7 75.8 113.8#
121 0.0 24.6 37.0#

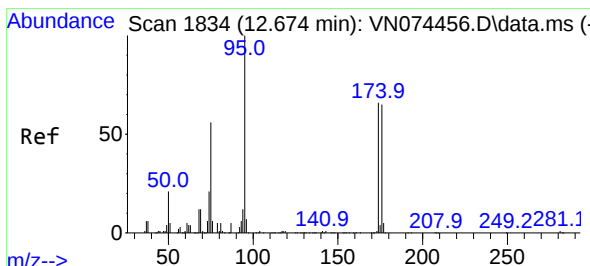
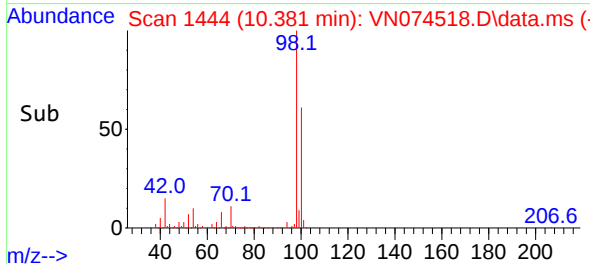
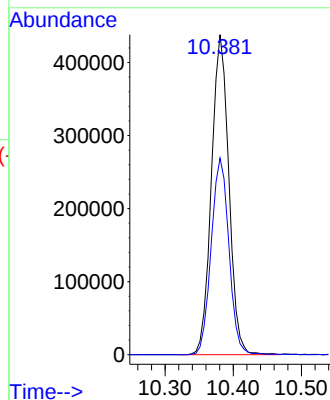
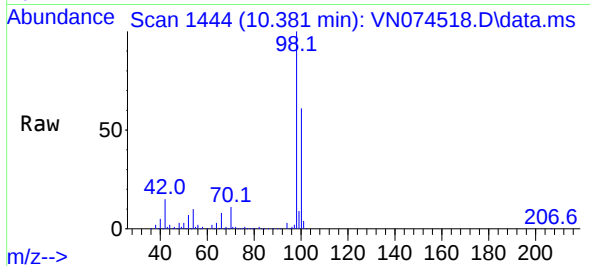




#50
Toluene-d8
Concen: 48.123 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

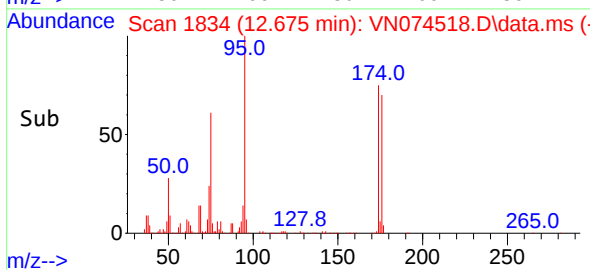
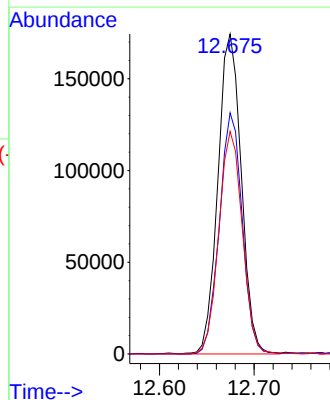
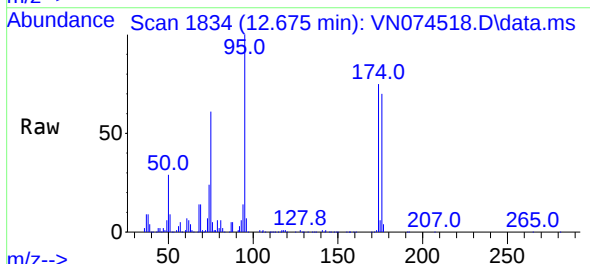
Instrument :
MSVOA_N
ClientSampleId :
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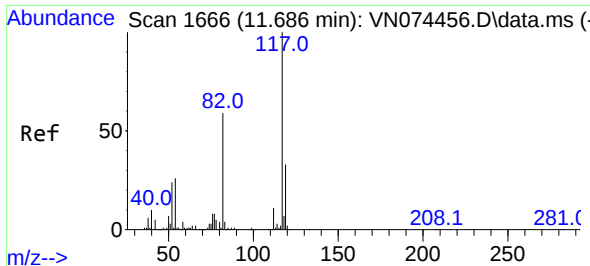
Tgt Ion: 98 Resp: 779159
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.839 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 95 Resp: 298556
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 70.0 0.0 163.4

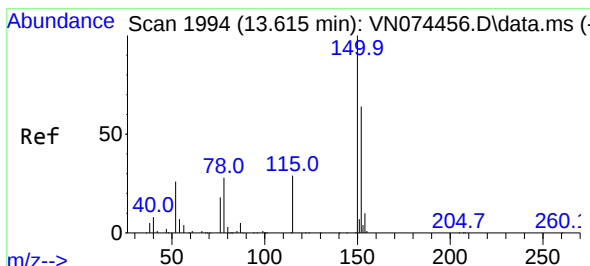
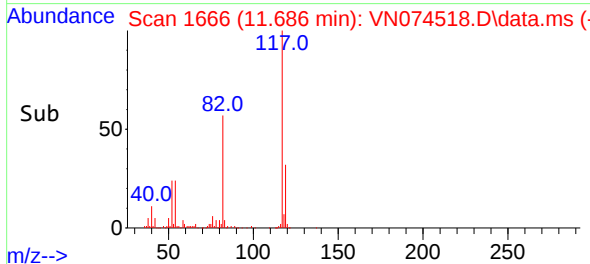
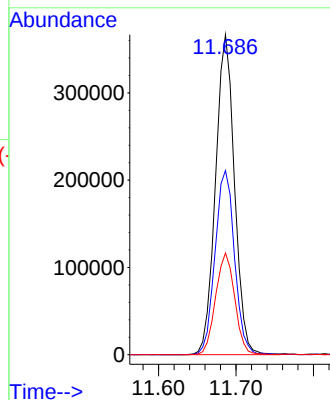
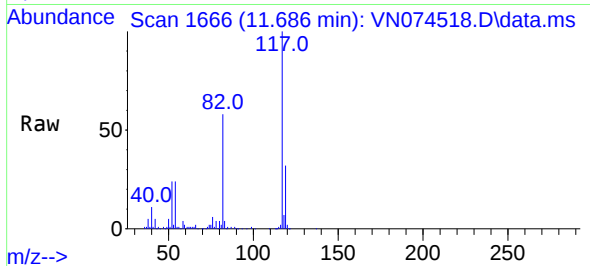




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

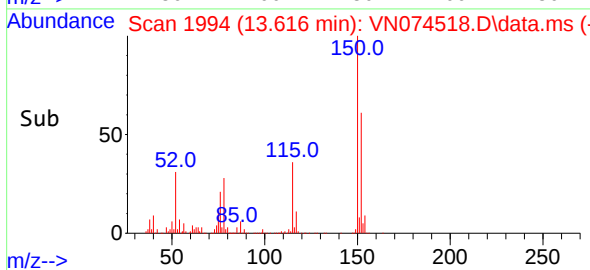
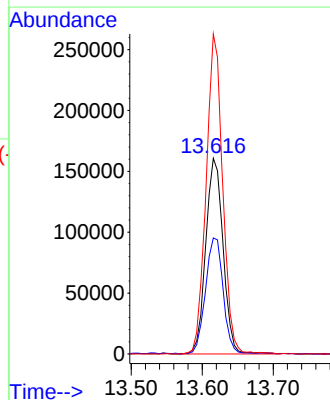
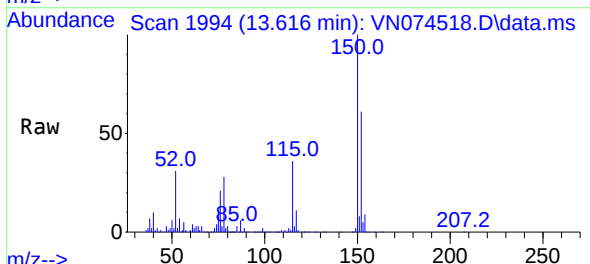
Instrument :
MSVOA_N
ClientSampleId :
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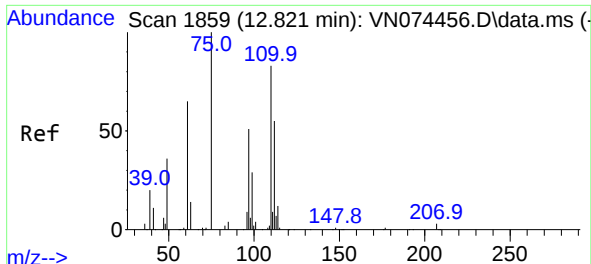
Tgt Ion:117 Resp: 623556
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion:152 Resp: 273532
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 155.3 0.0 356.2

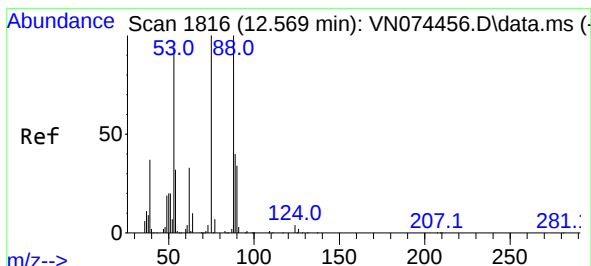
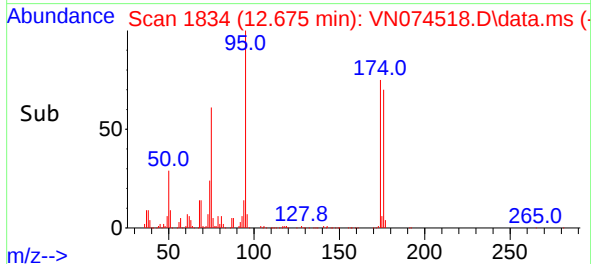
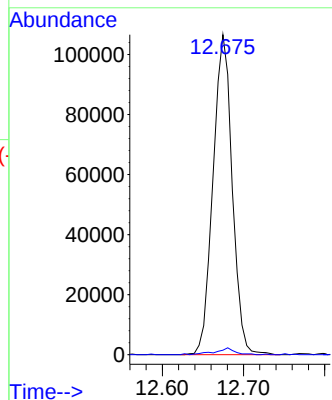
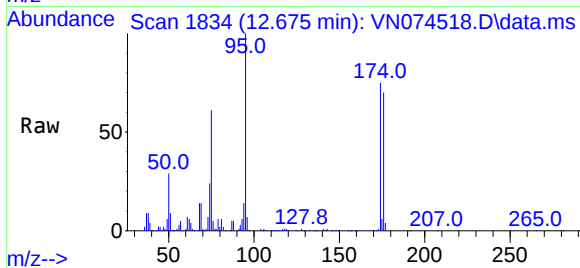




#76
1,2,3-Trichloropropane
Concen: 20.816 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

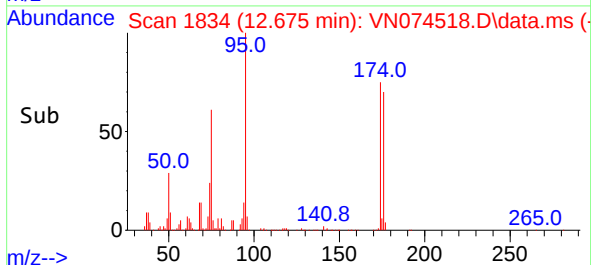
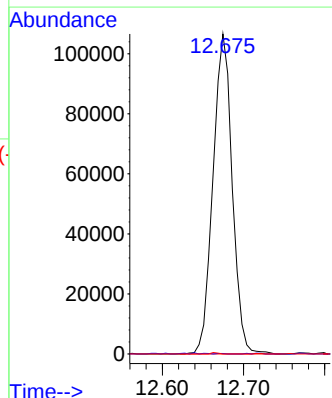
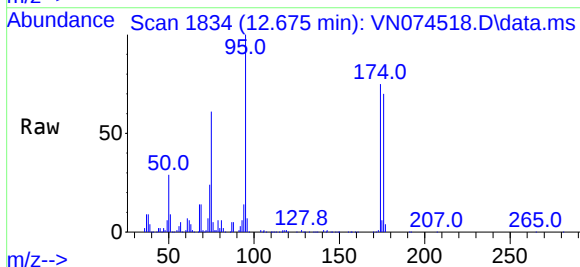
Instrument :
MSVOA_N
ClientSampleId :
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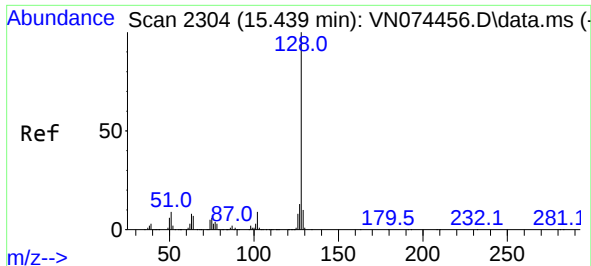
Tgt Ion: 75 Resp: 175257
Ion Ratio Lower Upper
75 100
77 2.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.927 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074518.D
Acq: 16 Sep 2022 18:26

Tgt Ion: 75 Resp: 175257
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.2 37.2 55.8#





#95

Naphthalene

Concen: 1.722 ug/l

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074518.D

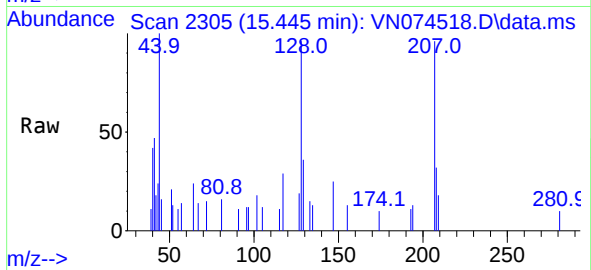
Acq: 16 Sep 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 3227

Ion Ratio Lower Upper

128 100

127 17.4 10.3 15.5#

129 18.9 8.6 13.0#

