

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074120.D
 Acq On : 25 Aug 2022 17:38
 Operator : JC\MD
 Sample : N4280-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20220817DL

Quant Time: Aug 26 02:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

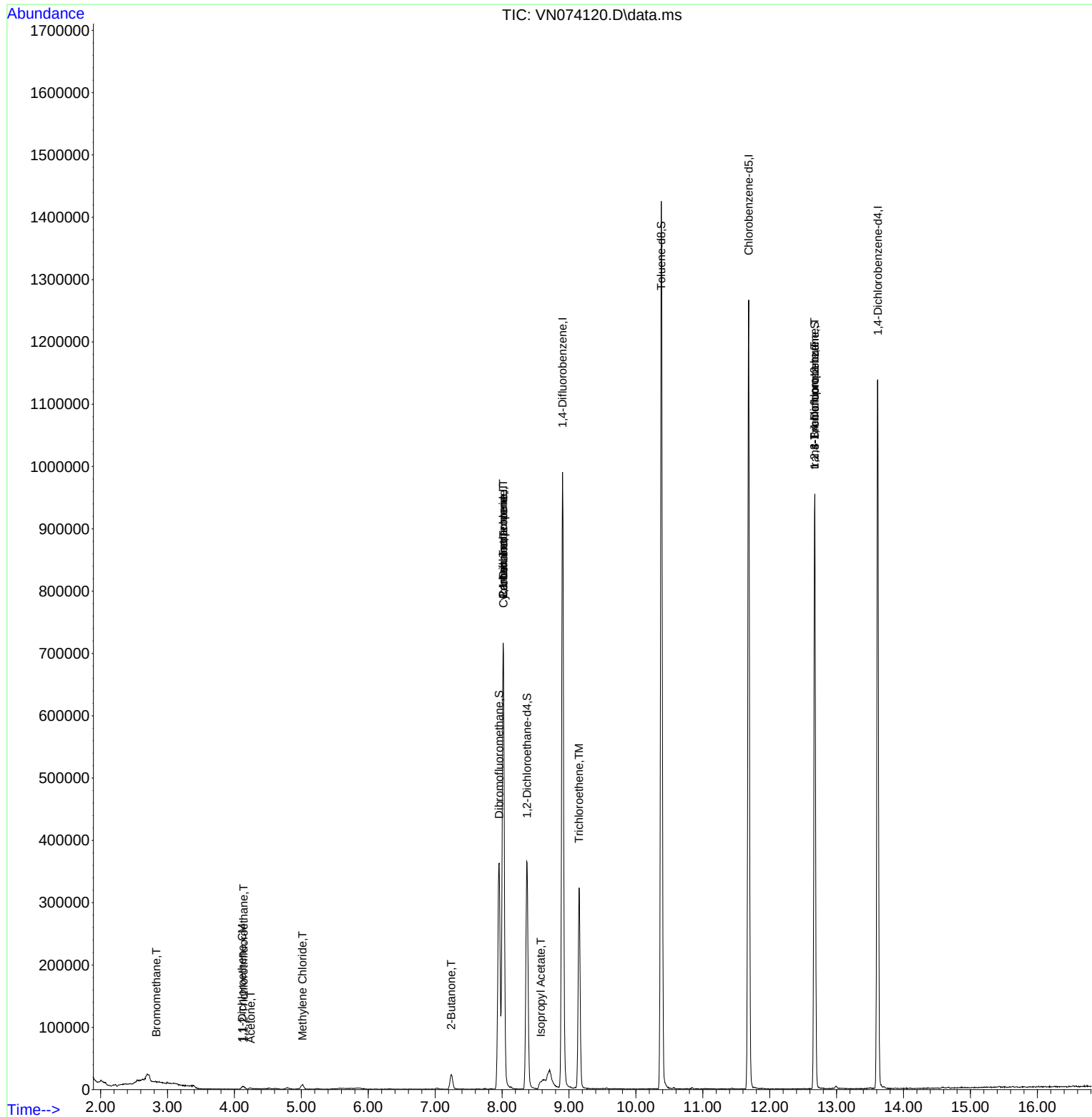
Internal Standards						
1) Pentafluorobenzene	8.016	168	605486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	922315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	773489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	340867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	316720	53.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.400%	
35) Dibromofluoromethane	7.957	113	275836	50.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	10.380	98	1027537	48.641	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.674	95	320693	45.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.480%	
Target Compounds						Qvalue
5) Bromomethane	2.834	94	1363	0.318	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	1831	0.356	ug/l #	71
12) 1,1-Dichloroethene	4.116	96	1523	0.319	ug/l	88
16) Acetone	4.245	43	3648	1.311	ug/l #	81
18) Methyl Acetate	4.787	43	5224	Below Cal		97
20) Methylene Chloride	5.016	84	6016	1.025	ug/l	86
25) 2-Butanone	7.239	43	1257	0.285	ug/l #	45
31) Cyclohexane	8.022	56	9780	1.190	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	41001	5.412	ug/l #	48
38) Carbon Tetrachloride	8.016	117	54138	6.252	ug/l #	16
43) Isopropyl Acetate	8.581	43	10836	0.829	ug/l #	53
44) Trichloroethene	9.151	130	126125	18.262	ug/l	99
76) 1,2,3-Trichloropropane	12.668	75	158483	22.369	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	158483	63.622	ug/l #	10

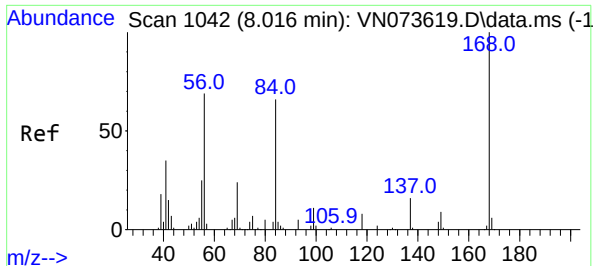
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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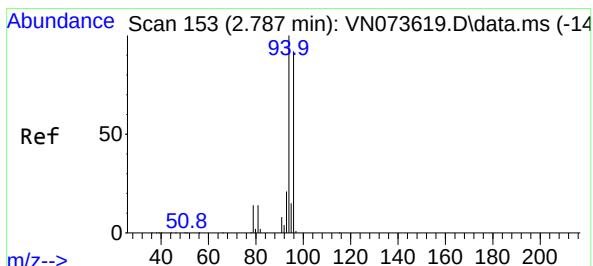
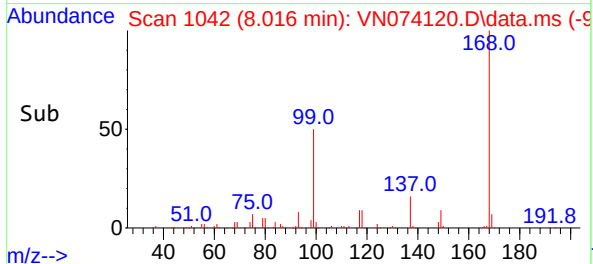
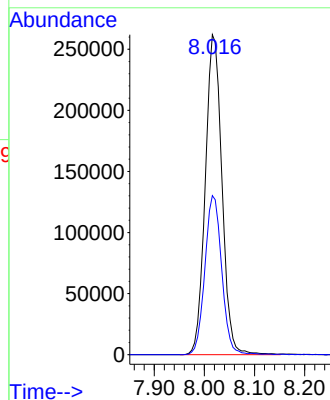
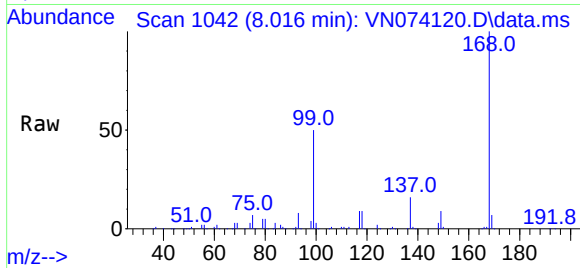




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

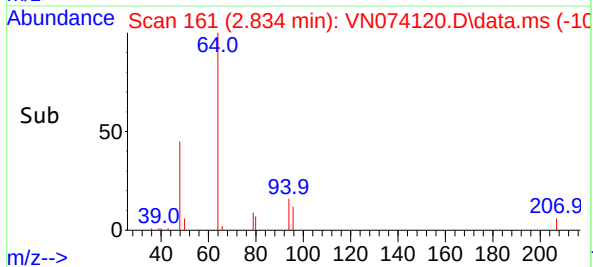
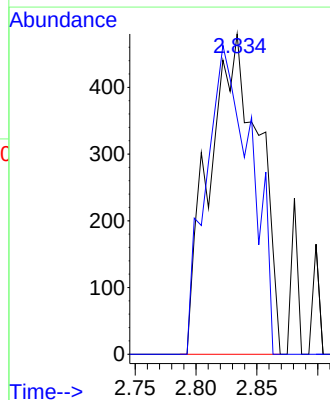
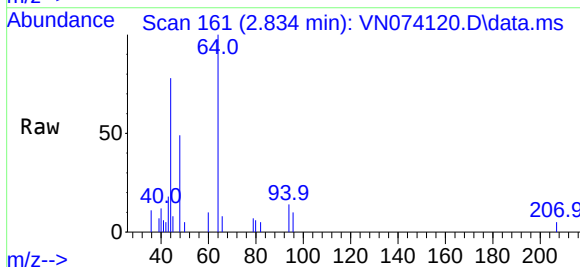
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

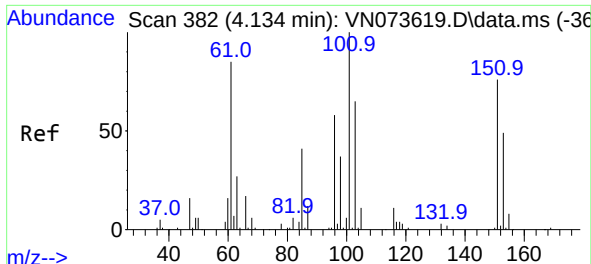
Tgt Ion:168 Resp: 605486
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#5
Bromomethane
Concen: 0.318 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 94 Resp: 1363
Ion Ratio Lower Upper
94 100
96 73.8 76.0 114.0#

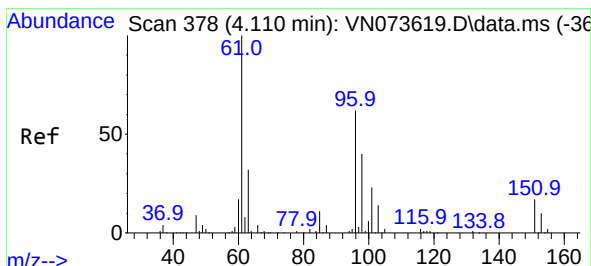
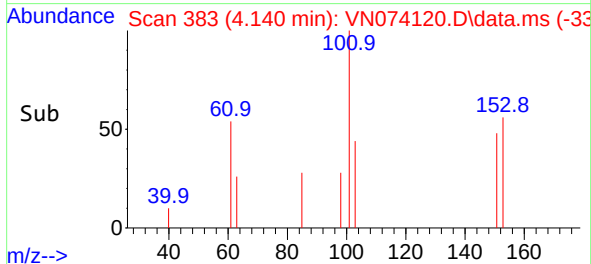
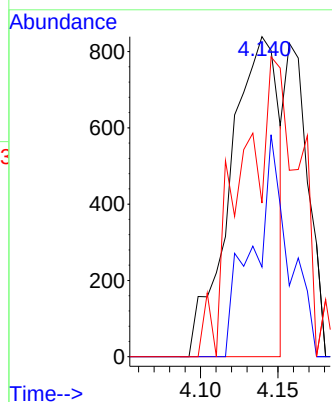
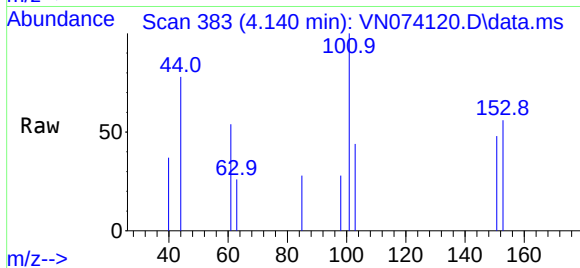




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.356 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

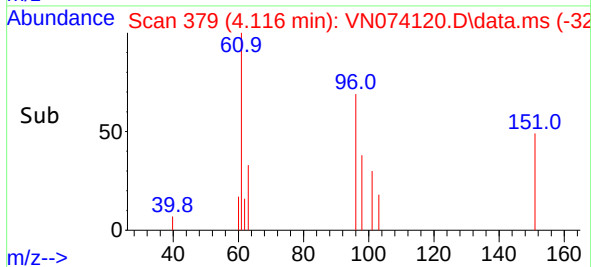
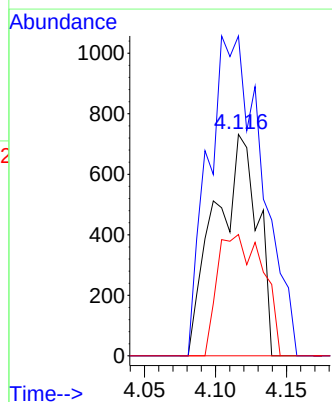
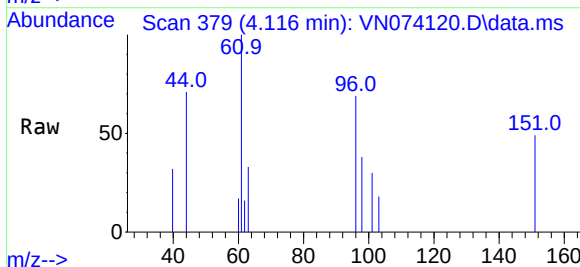
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

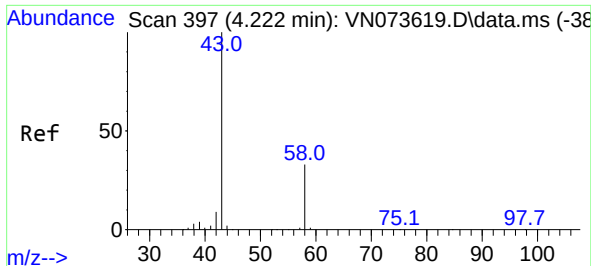
Tgt Ion:101 Resp: 1831
Ion Ratio Lower Upper
101 100
85 50.7 34.7 52.1
151 112.5 63.0 94.4#



#12
1,1-Dichloroethene
Concen: 0.319 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 96 Resp: 1523
Ion Ratio Lower Upper
96 100
61 144.4 127.6 191.4
98 54.8 51.2 76.8





#16

Acetone

Concen: 1.311 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN074120.D

Acq: 25 Aug 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

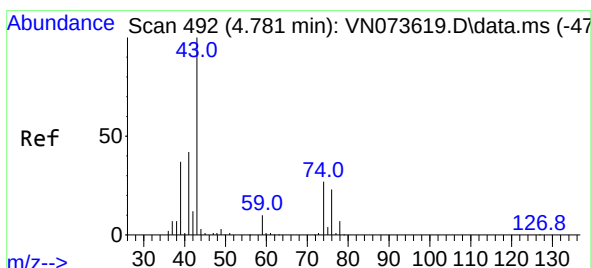
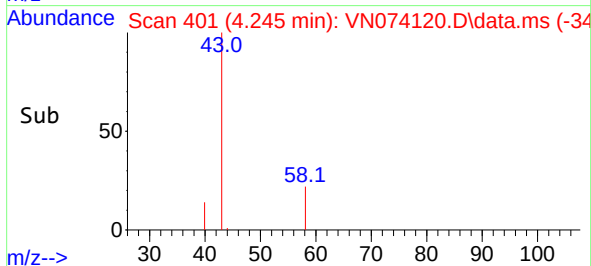
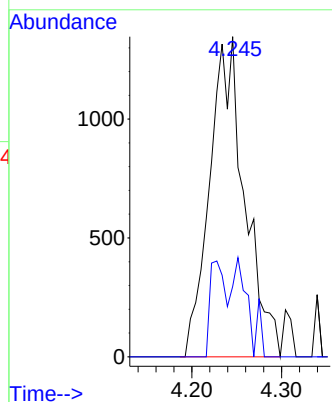
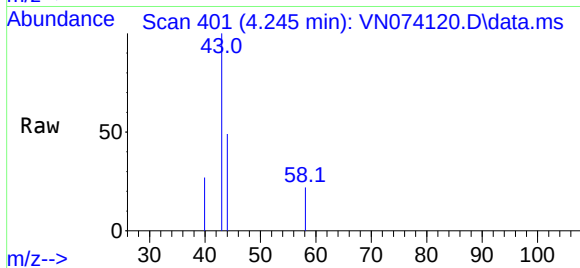
RE139D1-20220817DL

Tgt Ion: 43 Resp: 3648

Ion Ratio Lower Upper

43 100

58 22.0 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074120.D

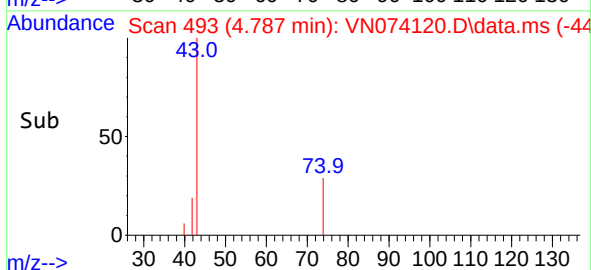
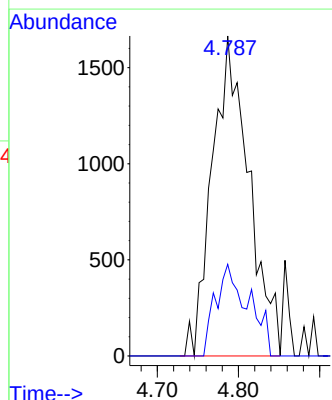
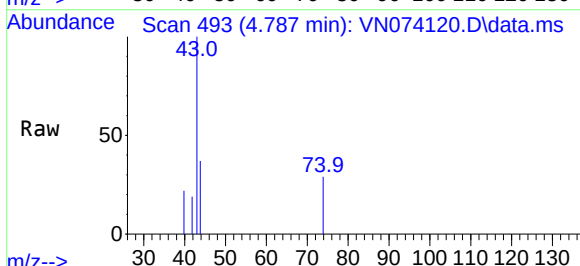
Acq: 25 Aug 2022 17:38

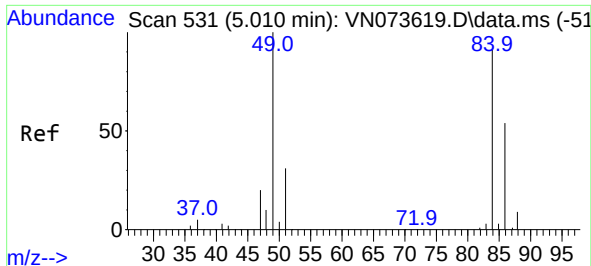
Tgt Ion: 43 Resp: 5224

Ion Ratio Lower Upper

43 100

74 25.6 21.6 32.4



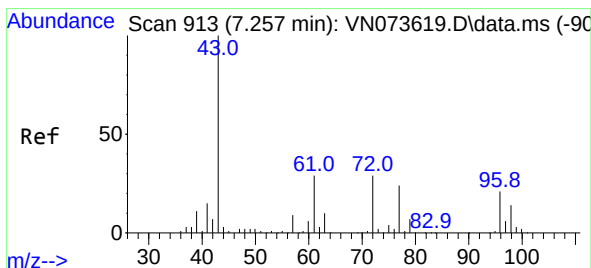
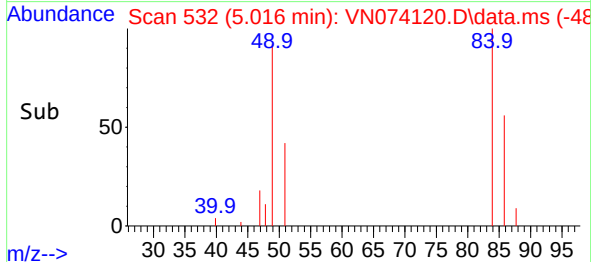
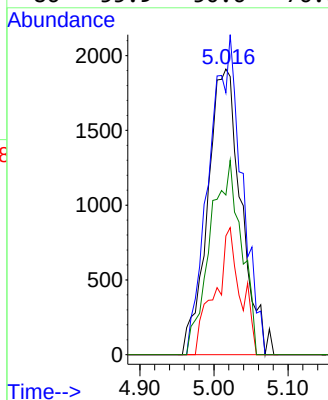
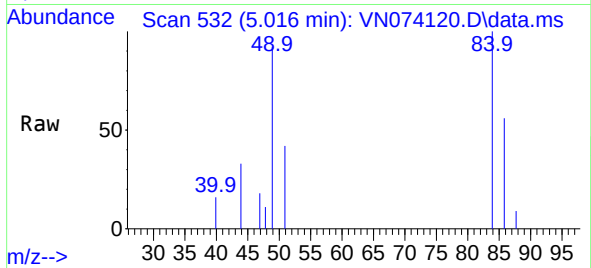


#20
Methylene Chloride
Concen: 1.025 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

Tgt Ion: 84 Resp: 6016

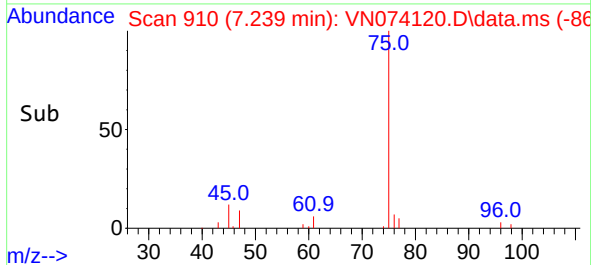
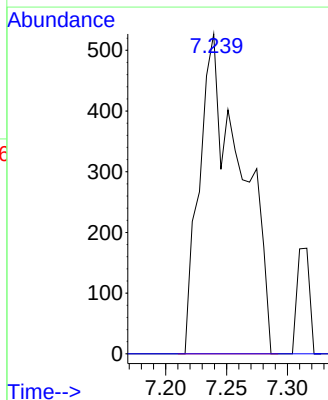
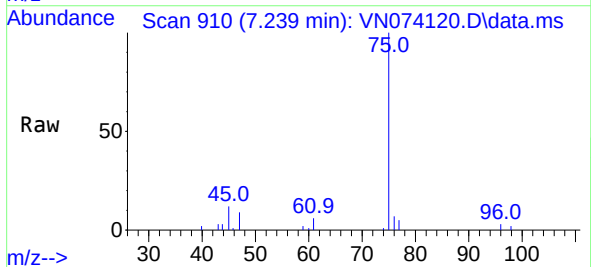
Ion	Ratio	Lower	Upper
84	100		
49	91.7	88.3	132.5
51	41.6	28.2	42.2
86	55.9	50.6	76.0

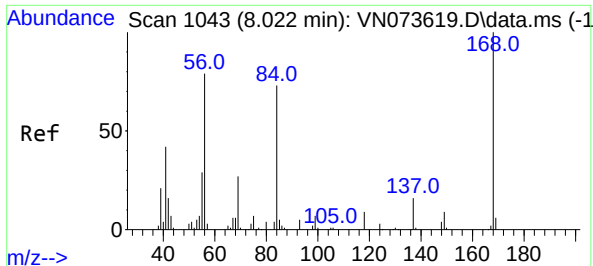


#25
2-Butanone
Concen: 0.285 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 43 Resp: 1257

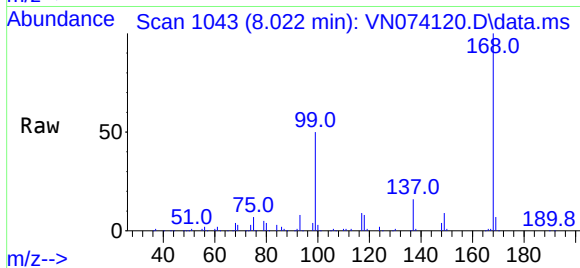
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5



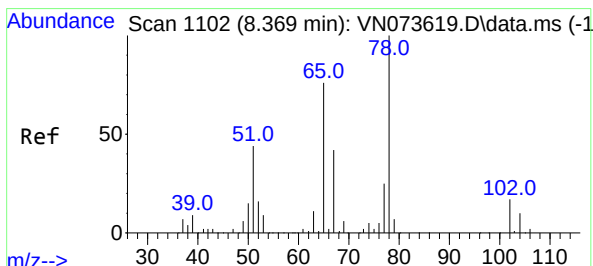
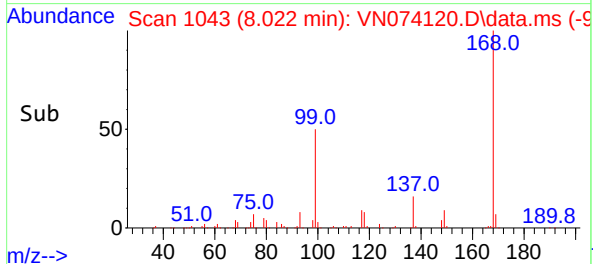
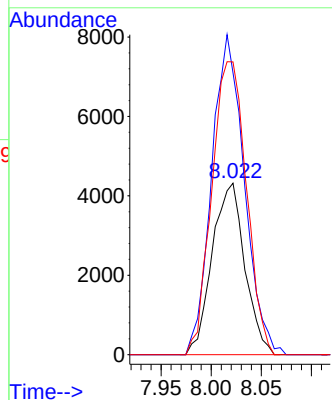


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

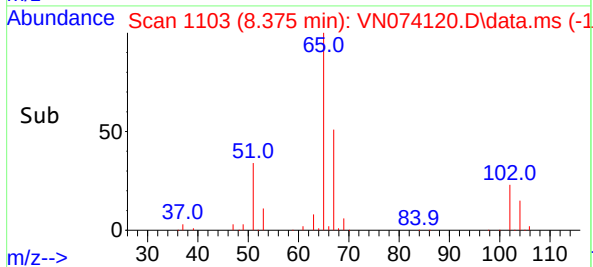
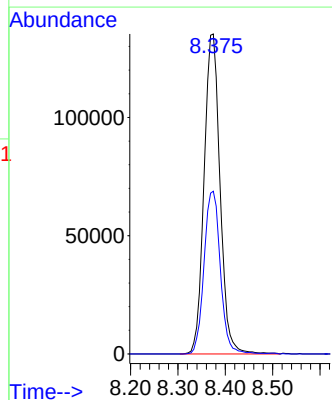
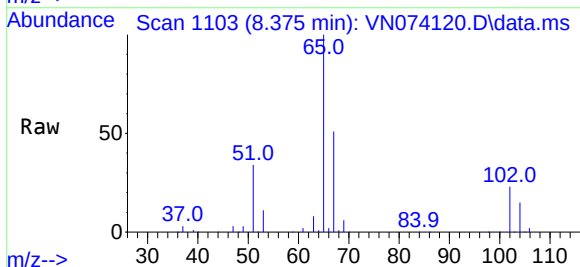


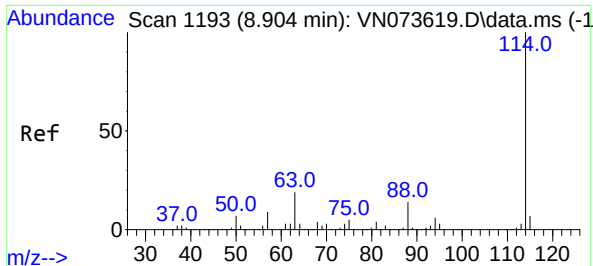
Tgt Ion: 56 Resp: 9780
Ion Ratio Lower Upper
56 100
69 164.4 27.8 41.8#
84 170.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.705 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 65 Resp: 316720
Ion Ratio Lower Upper
65 100
67 51.9 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: VN074120.D

Acq: 25 Aug 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20220817DL

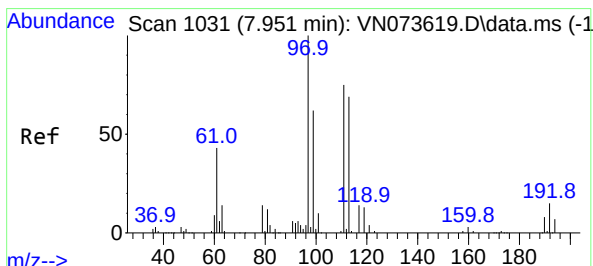
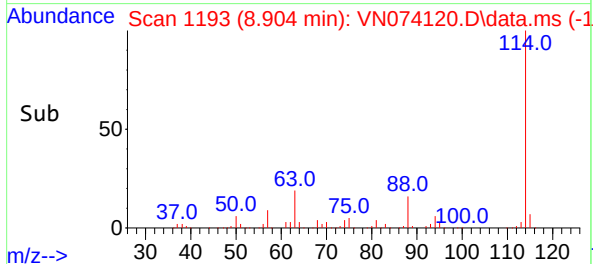
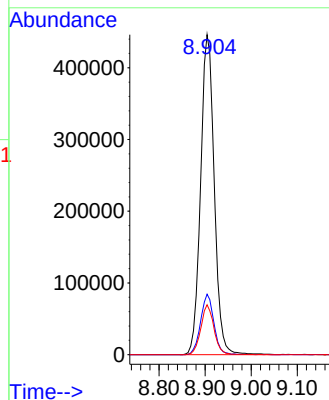
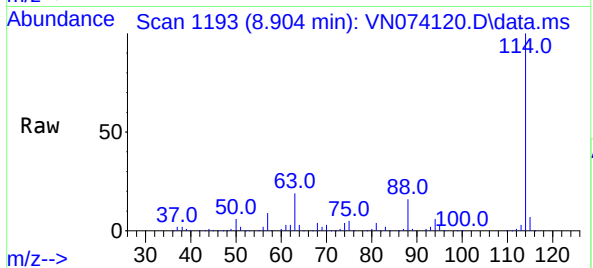
Tgt Ion:114 Resp: 922315

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.571 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074120.D

Acq: 25 Aug 2022 17:38

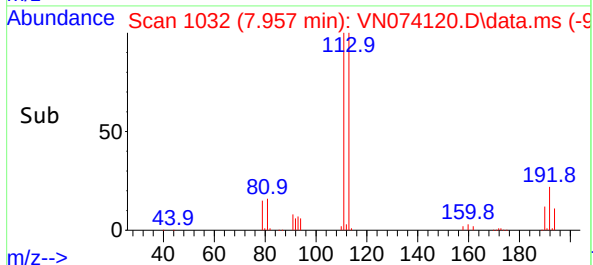
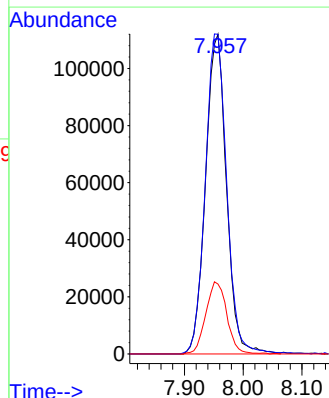
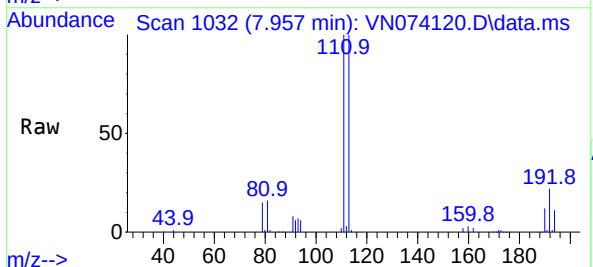
Tgt Ion:113 Resp: 275836

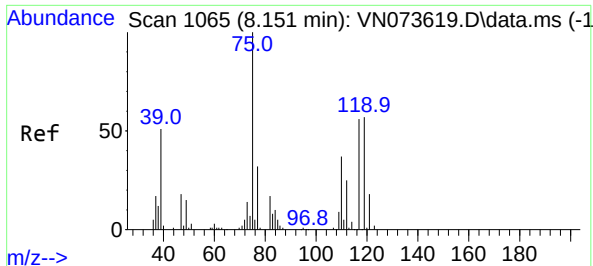
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.8 17.0 25.6

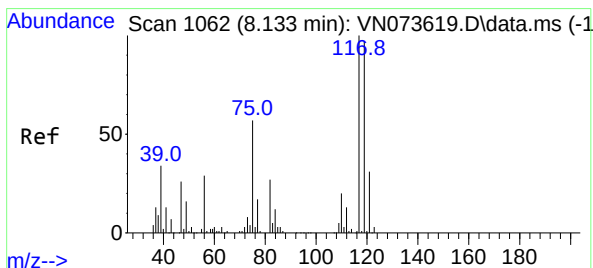
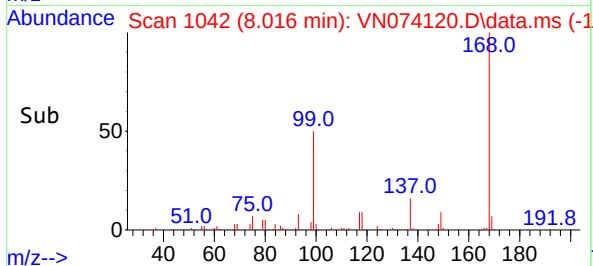
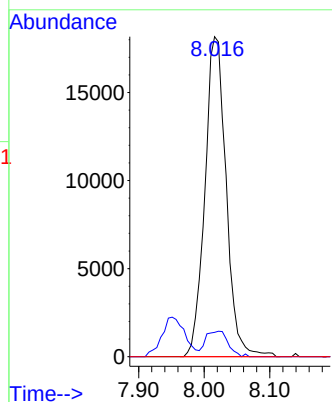
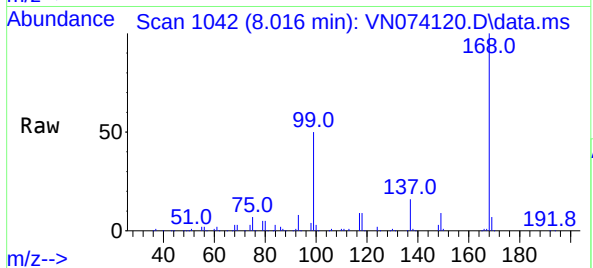




#36
1,1-Dichloropropene
Concen: 5.412 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

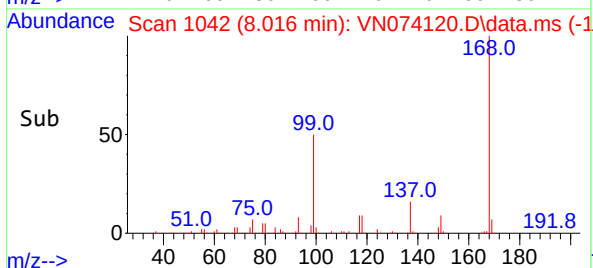
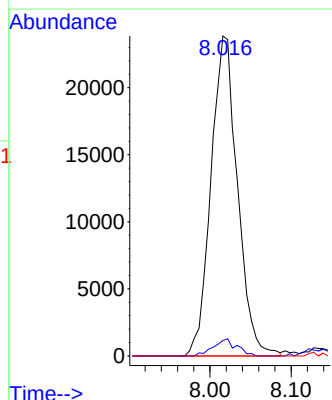
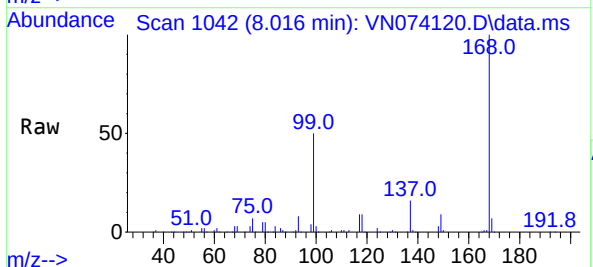
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

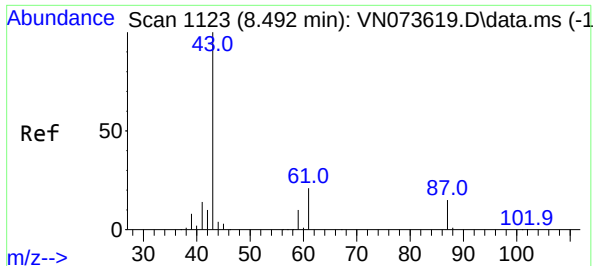
Tgt Ion: 75 Resp: 41001
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.252 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 117 Resp: 54138
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#

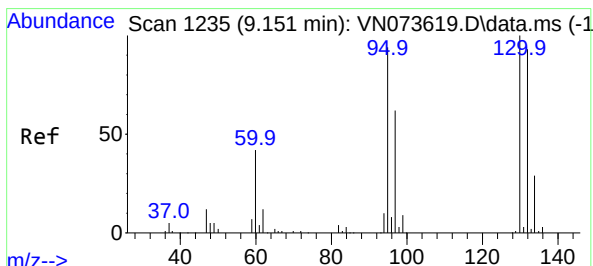
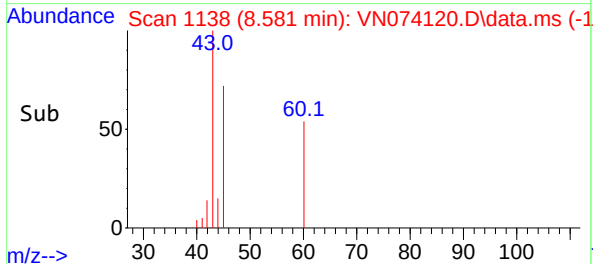
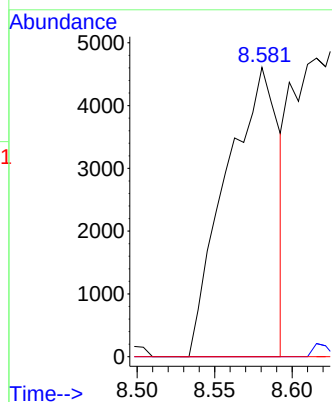
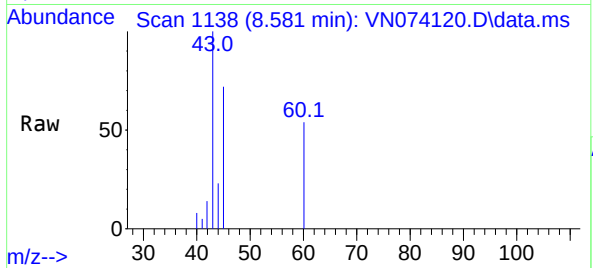




#43
Isopropyl Acetate
Concen: 0.829 ug/l
RT: 8.581 min Scan# 1123
Delta R.T. 0.088 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

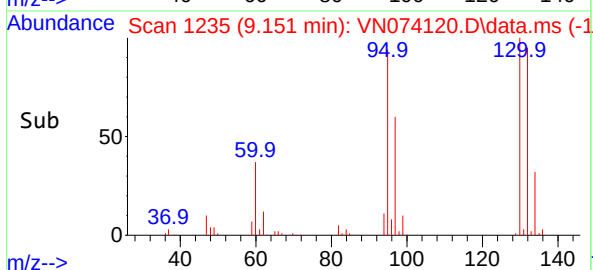
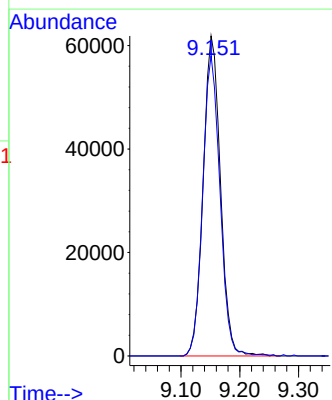
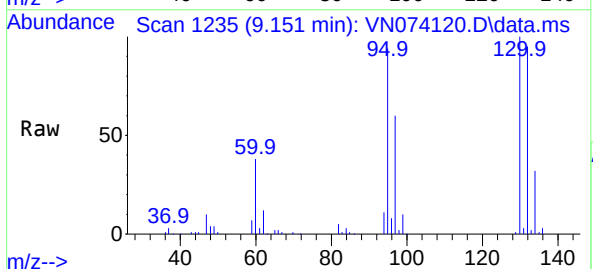
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

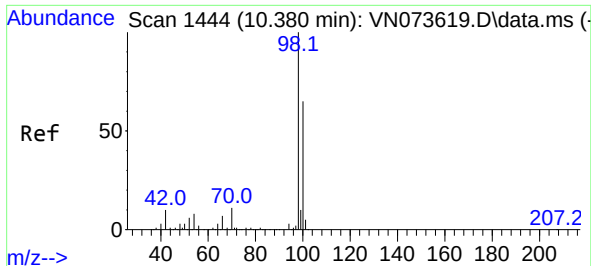
Tgt Ion: 43 Resp: 10836
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 18.262 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 130 Resp: 126125
Ion Ratio Lower Upper
130 100
95 93.9 0.0 186.8

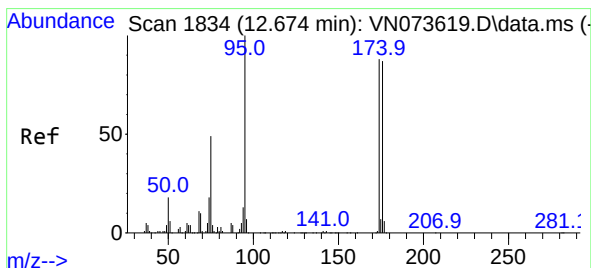
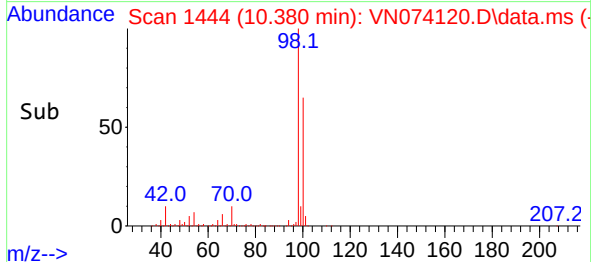
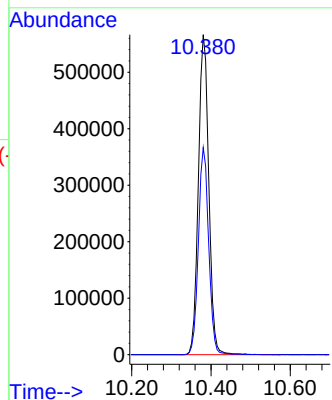
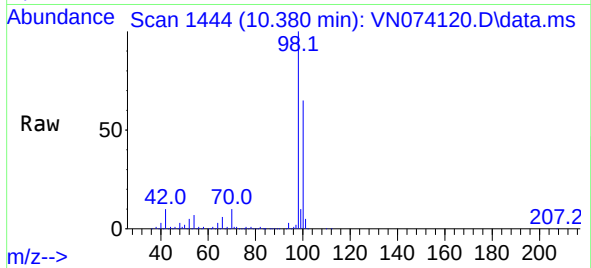




#50
Toluene-d8
Concen: 48.641 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

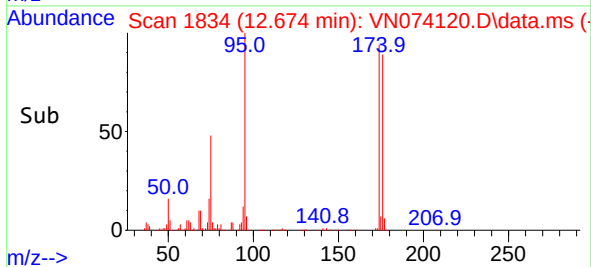
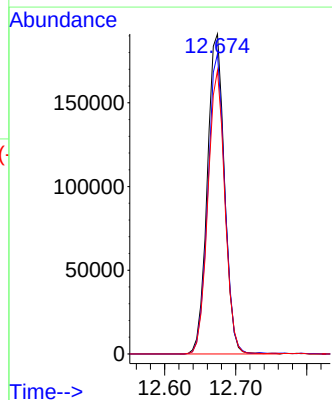
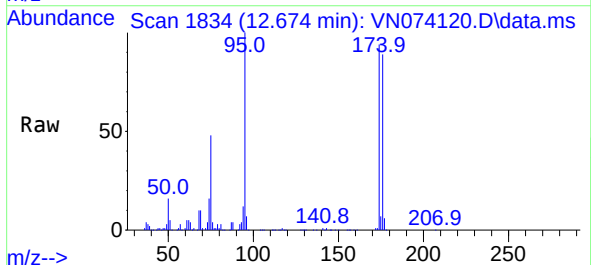
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

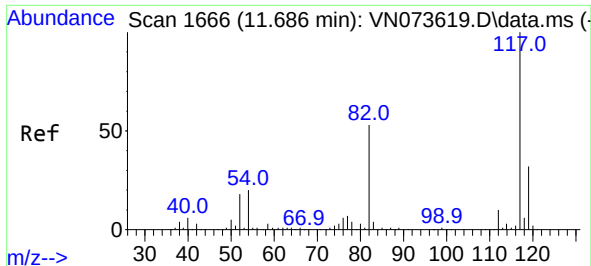
Tgt Ion: 98 Resp: 1027537
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 95 Resp: 320693
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 87.8 0.0 163.4

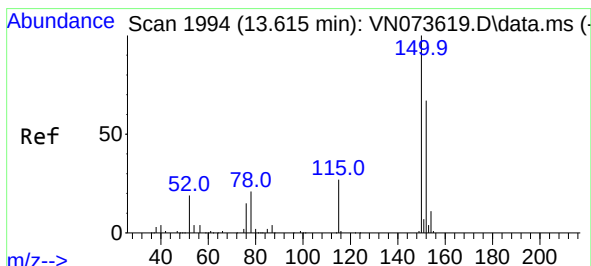
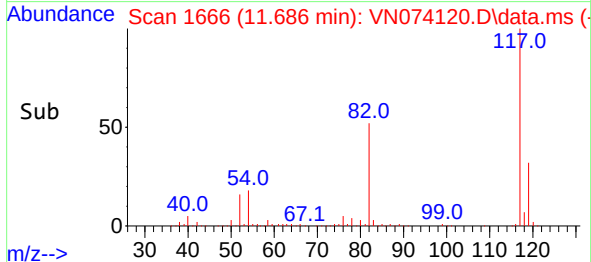
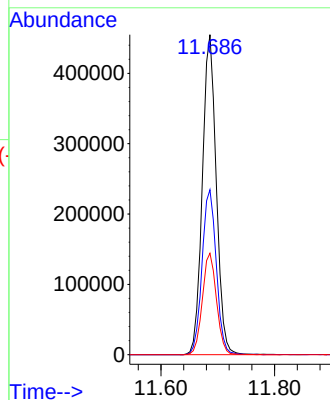
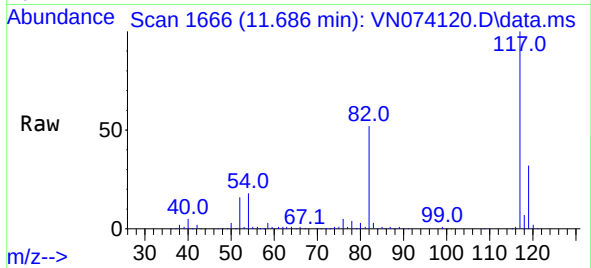




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

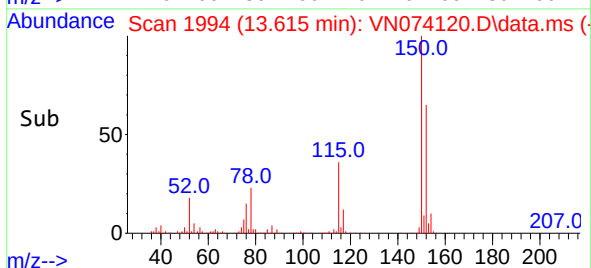
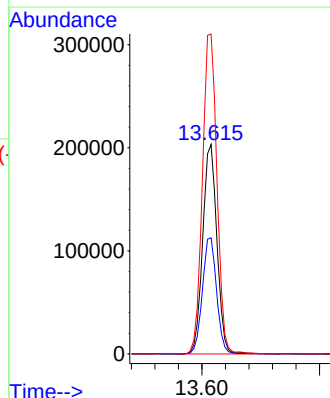
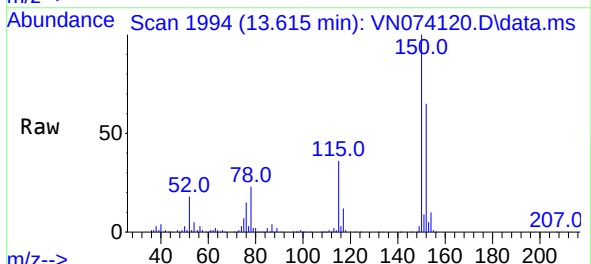
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

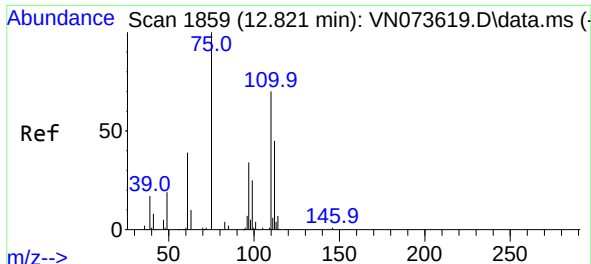
Tgt Ion:117 Resp: 773489
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion:152 Resp: 340867
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 156.0 0.0 356.2

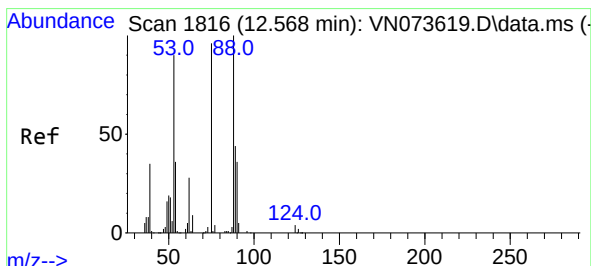
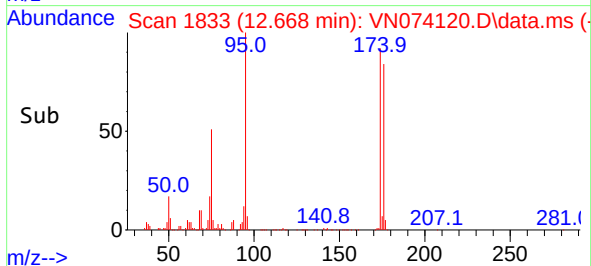
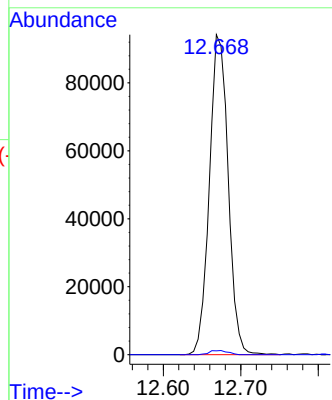
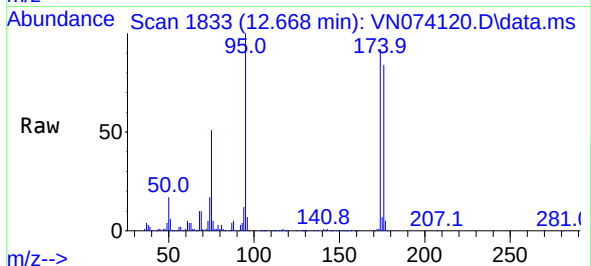




#76
1,2,3-Trichloropropane
Concen: 22.369 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817DL

Tgt Ion: 75 Resp: 158483
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.622 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN074120.D
Acq: 25 Aug 2022 17:38

Tgt Ion: 75 Resp: 158483
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

