

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074091.D
 Acq On : 24 Aug 2022 15:01
 Operator : JC\MD
 Sample : N4244-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:54:24 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

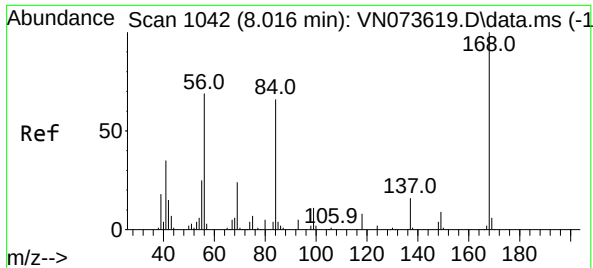
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	598302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	907249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	762938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	334371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	305120	52.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.720%			
35) Dibromofluoromethane	7.957	113	269499	50.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.380	98	1008416	48.529	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.060%			
62) 4-Bromofluorobenzene	12.674	95	313294	45.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.860%			
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	2375	0.864	ug/l	91
17) Carbon Disulfide	4.469	76	2290	0.204	ug/l #	75
18) Methyl Acetate	4.787	43	4175	Below Cal	#	74
27) cis-1,2-Dichloroethene	7.245	96	2606	0.406	ug/l	91
31) Cyclohexane	8.016	56	9878	1.216	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	40437	5.426	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53847	6.321	ug/l #	18
43) Isopropyl Acetate	8.575	43	7678	0.597	ug/l #	53
76) 1,2,3-Trichloropropane	12.668	75	155551	22.382	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	155551	63.658	ug/l #	10

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

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QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration

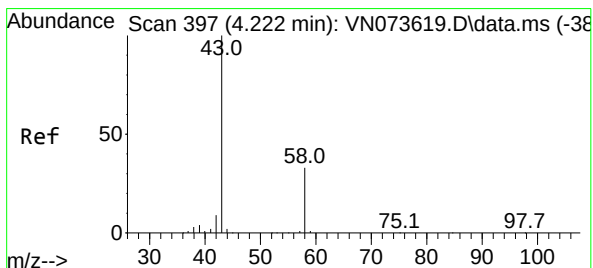
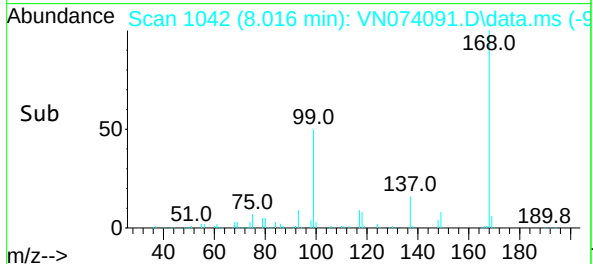
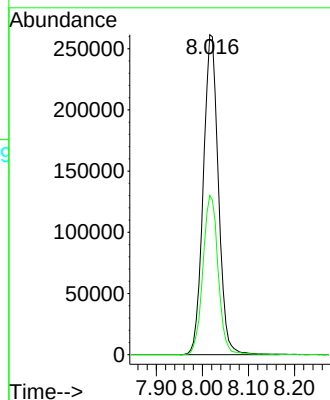
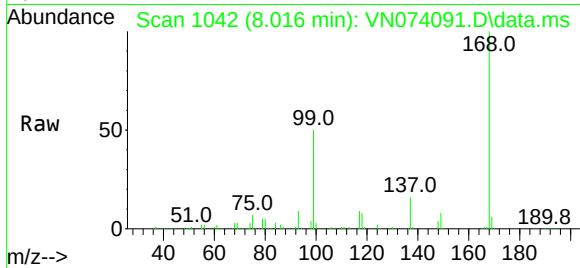




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

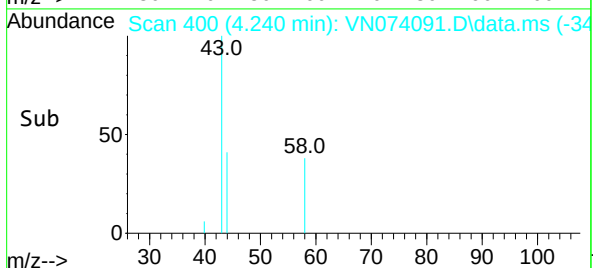
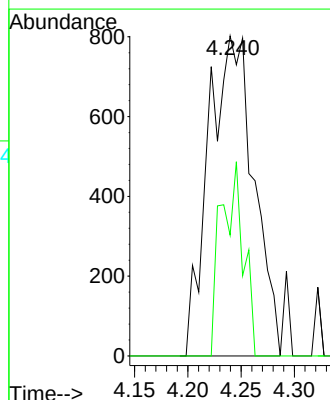
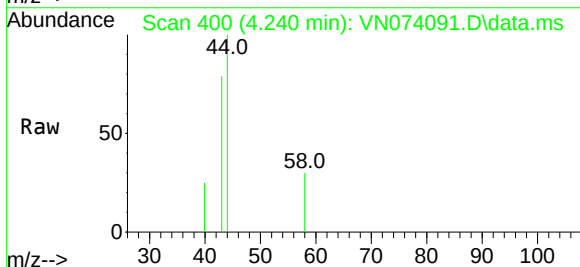
Instrument :
MSVOA_N
ClientSampleId :

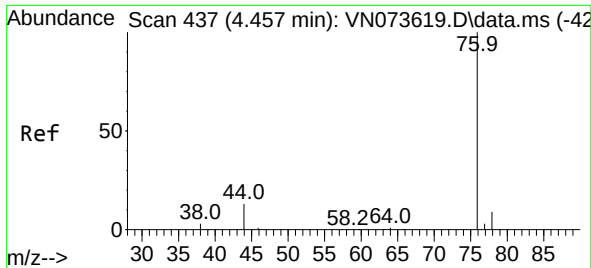
Tgt Ion:168 Resp: 598302
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#16
Acetone
Concen: 0.864 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

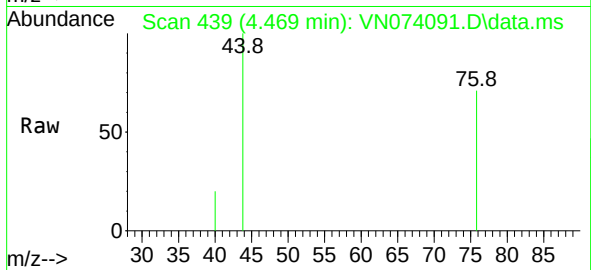
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
58 37.8 26.0 39.0



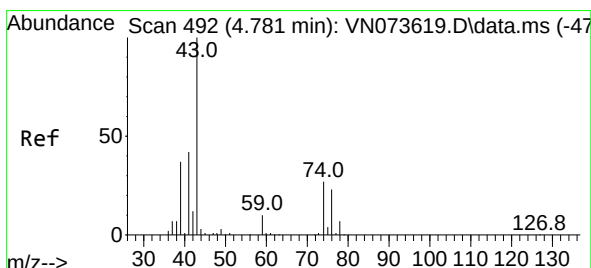
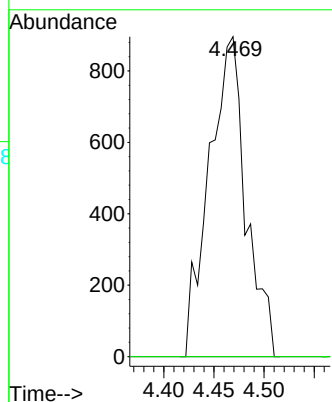
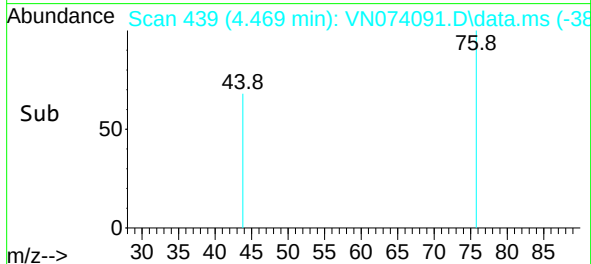


#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.469 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Instrument :
MSVOA_N
ClientSampleId :

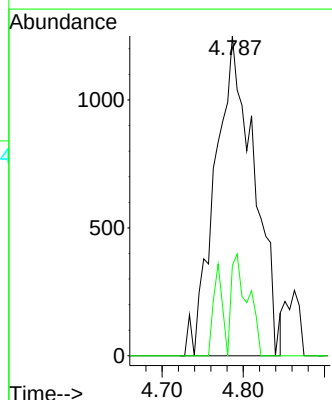
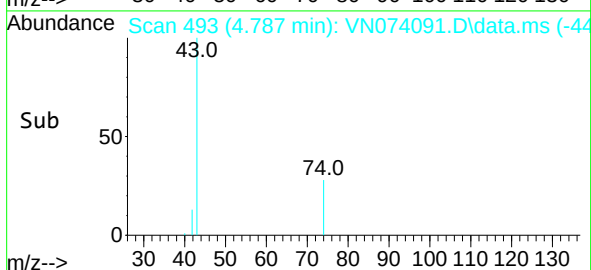
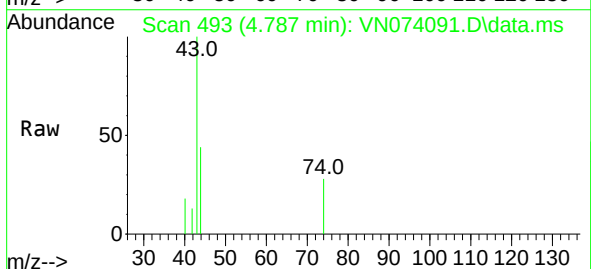


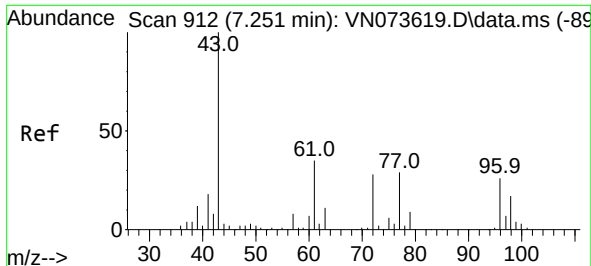
Tgt Ion: 76 Resp: 2290
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Tgt Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
74 13.5 21.6 32.4#





#27

cis-1,2-Dichloroethene

Concen: 0.406 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.006 min

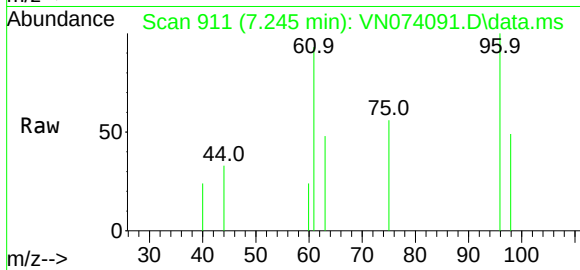
Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

Instrument :

MSVOA_N

ClientSampleId :



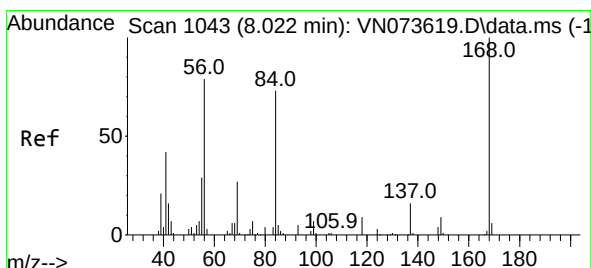
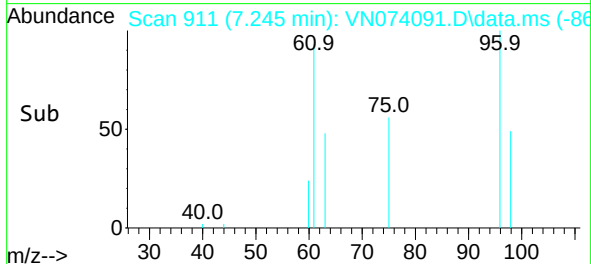
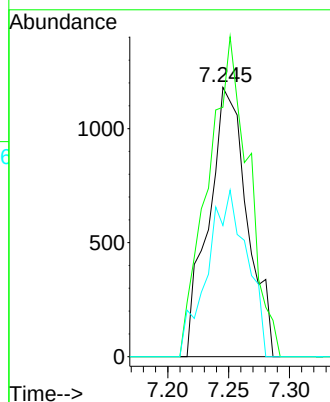
Tgt Ion: 96 Resp: 2606

Ion Ratio Lower Upper

96 100

61 124.9 0.0 280.6

98 63.6 0.0 128.4



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

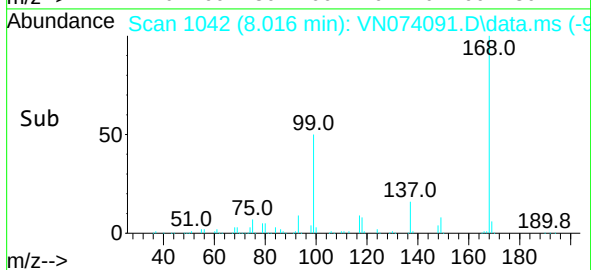
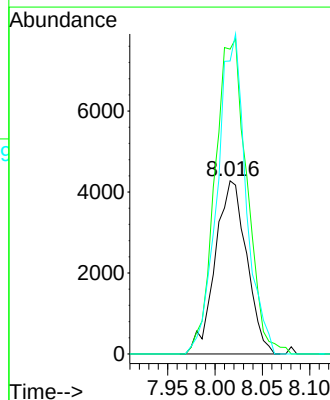
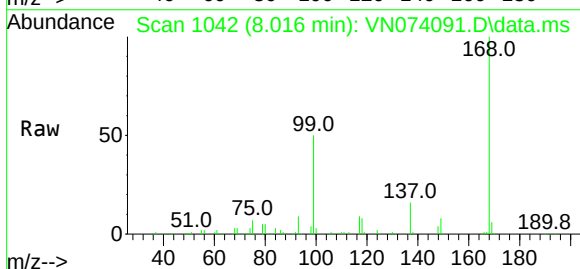
Tgt Ion: 56 Resp: 9878

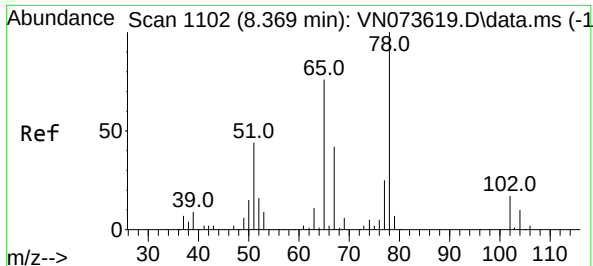
Ion Ratio Lower Upper

56 100

69 176.1 27.8 41.8#

84 169.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.359 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

Instrument :

MSVOA_N

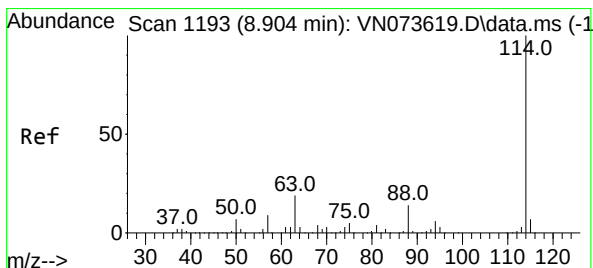
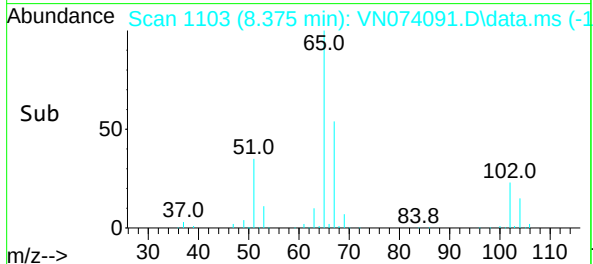
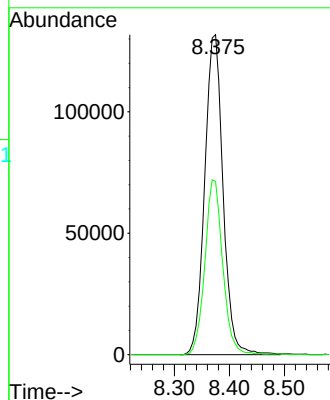
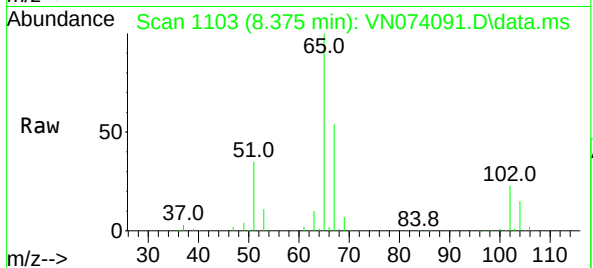
ClientSampleId :

Tgt Ion: 65 Resp: 305120

Ion Ratio Lower Upper

65 100

67 53.2 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: VN074091.D

Acq: 24 Aug 2022 15:01

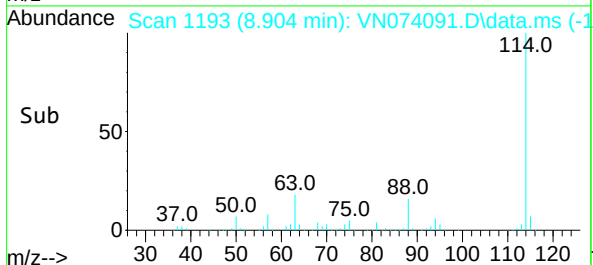
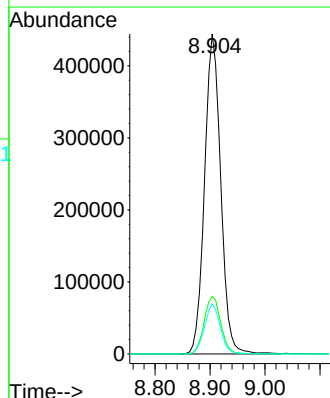
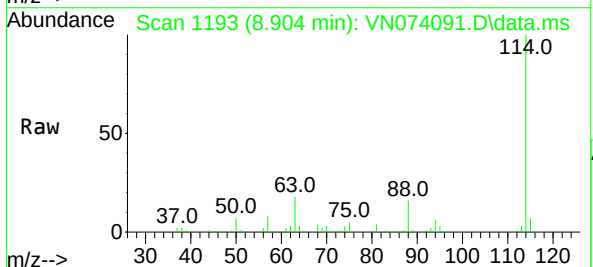
Tgt Ion: 114 Resp: 907249

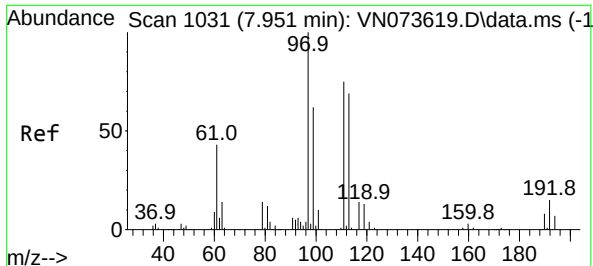
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.229 ug/l

RT: 7.957 min Scan# 1042

Delta R.T. 0.006 min

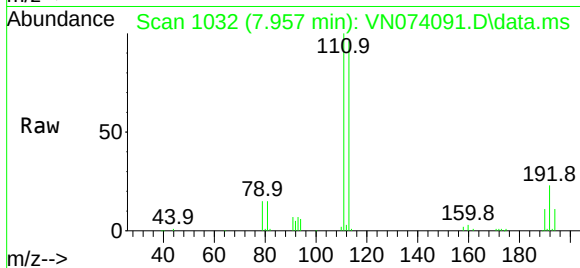
Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

Instrument :

MSVOA_N

ClientSampleId :



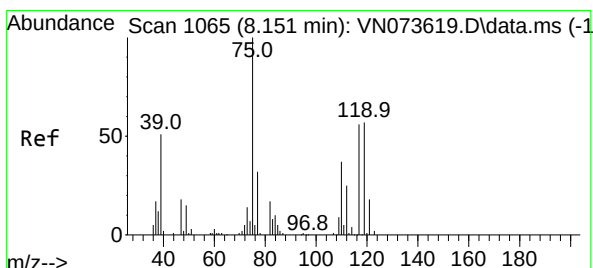
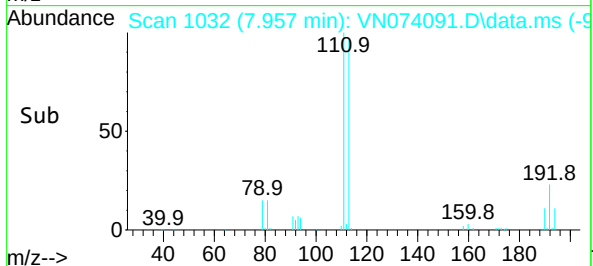
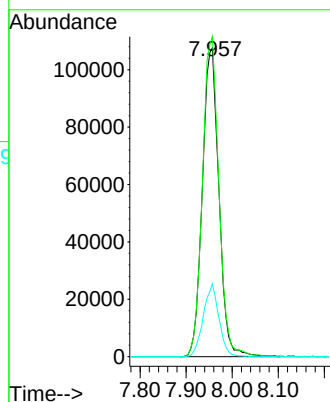
Tgt Ion:113 Resp: 269499

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 22.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.426 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

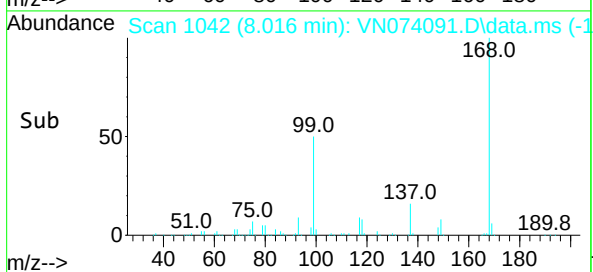
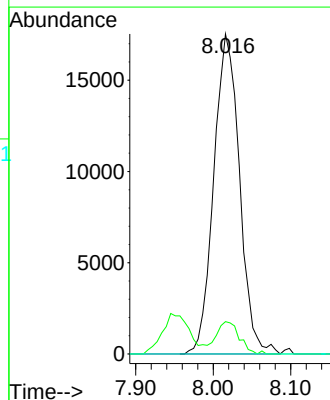
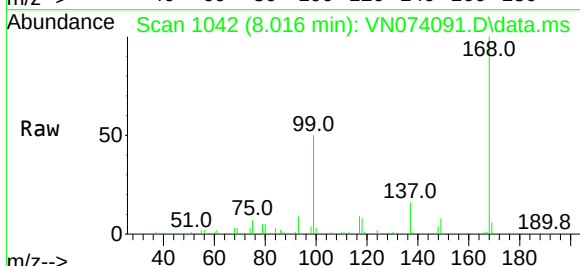
Tgt Ion: 75 Resp: 40437

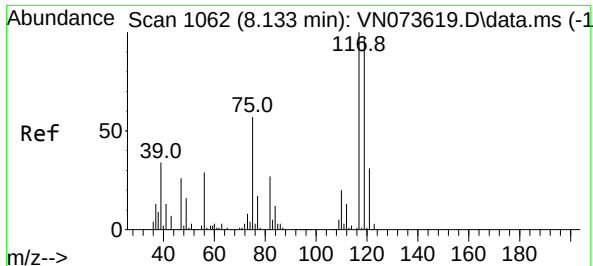
Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

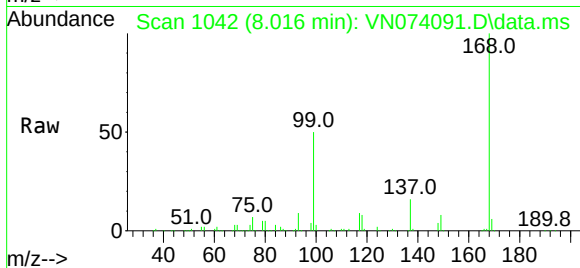
77 0.0 25.1 37.7#



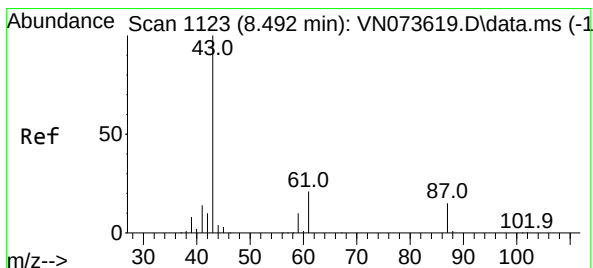
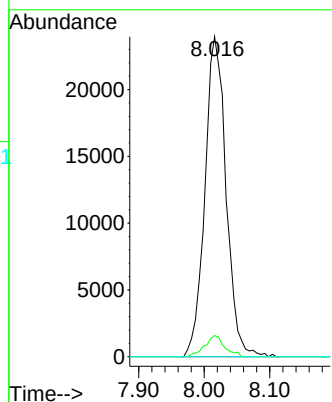
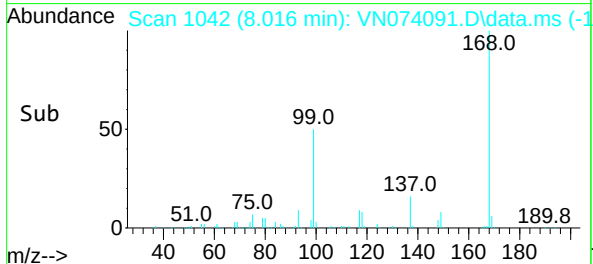


#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 8.016 min Scan# 1137
Delta R.T. -0.117 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Instrument :
MSVOA_N
ClientSampleId :

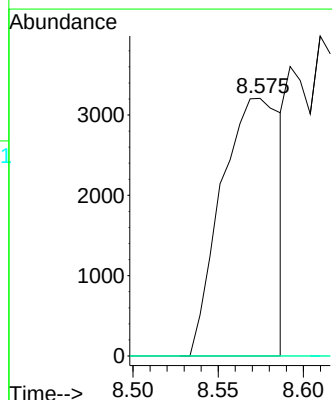
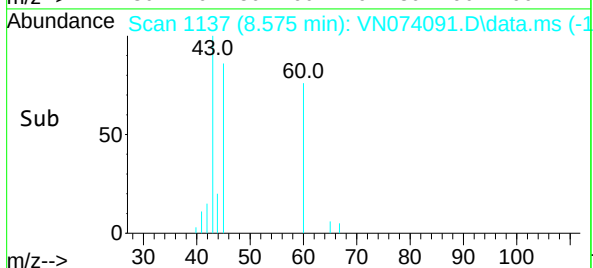
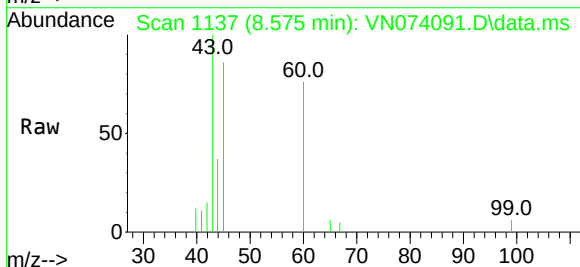


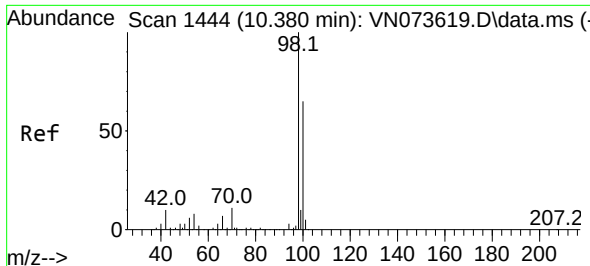
Tgt Ion:117 Resp: 53847
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.597 ug/l
RT: 8.575 min Scan# 1137
Delta R.T. 0.083 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Tgt Ion: 43 Resp: 7678
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

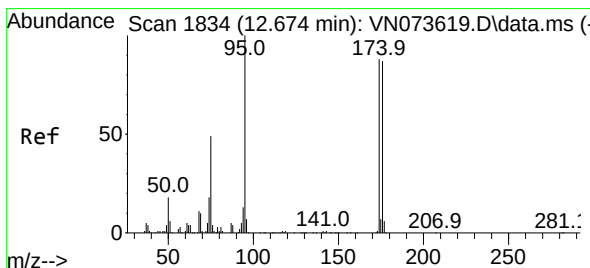
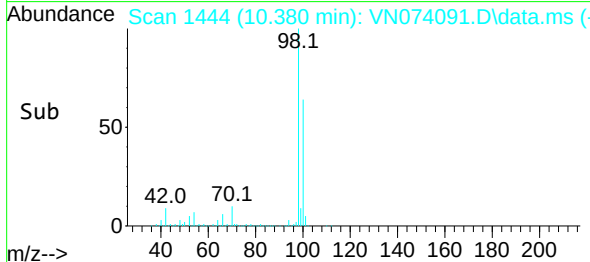
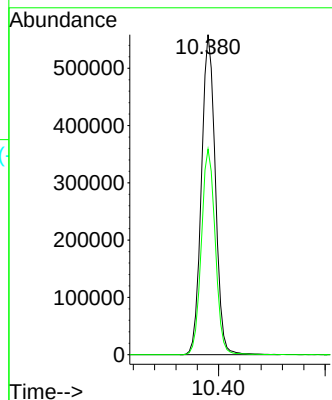
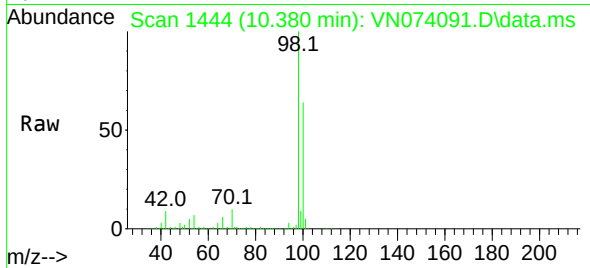




#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

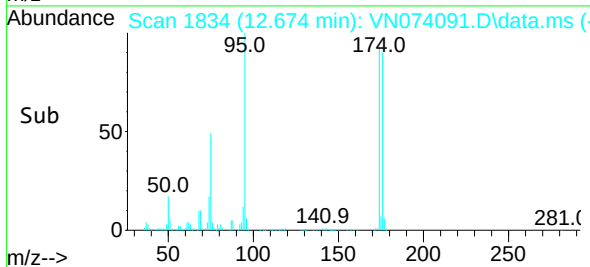
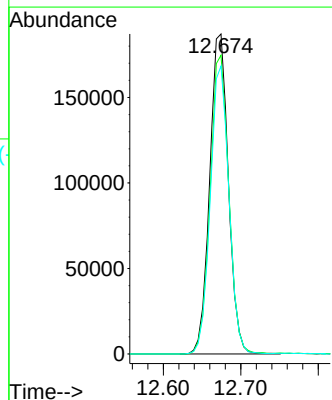
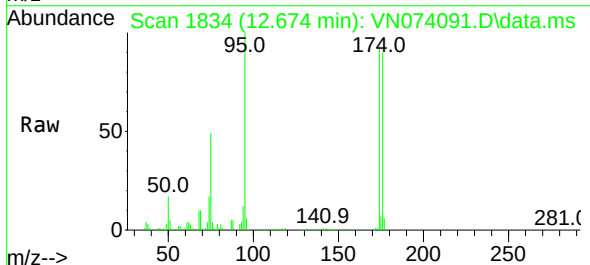
Instrument :
MSVOA_N
ClientSampleId :

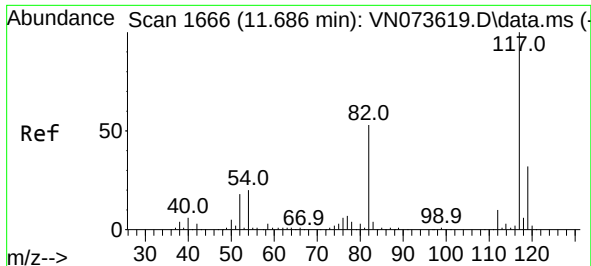
Tgt Ion: 98 Resp: 1008416
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.429 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Tgt Ion: 95 Resp: 313294
Ion Ratio Lower Upper
95 100
174 93.2 0.0 167.6
176 89.5 0.0 163.4

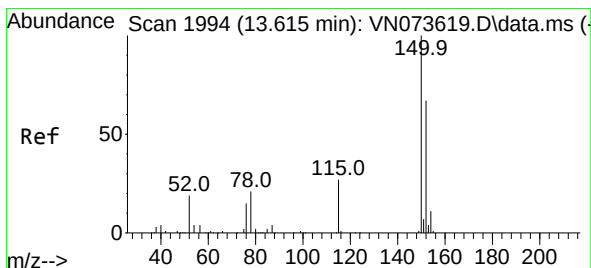
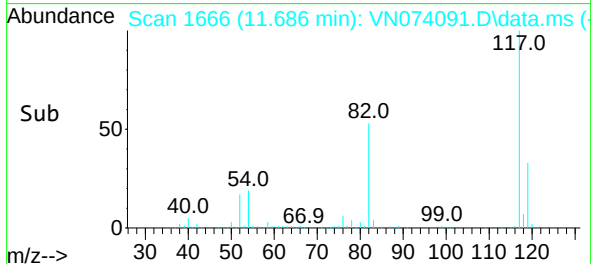
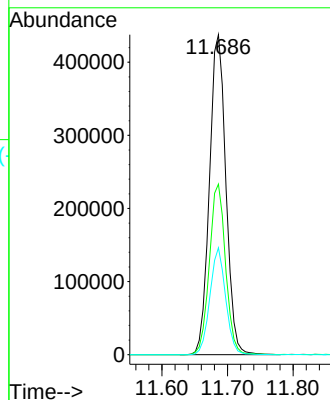
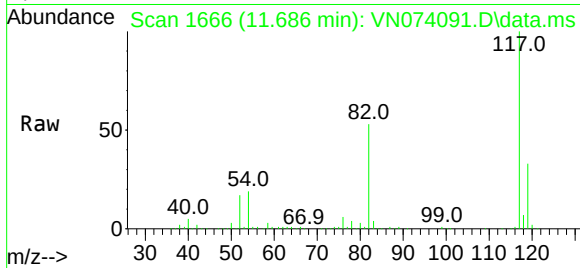




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

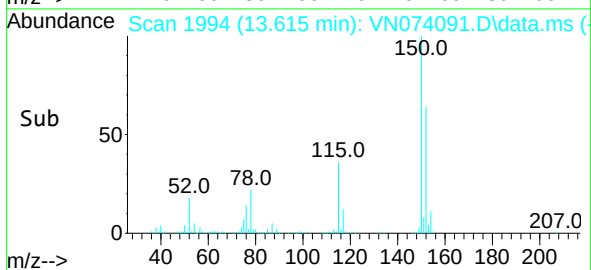
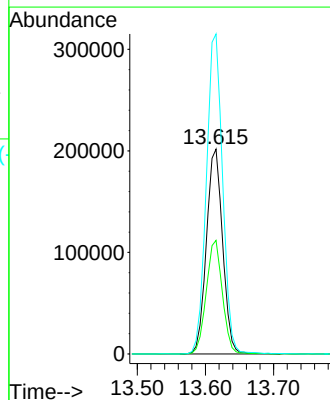
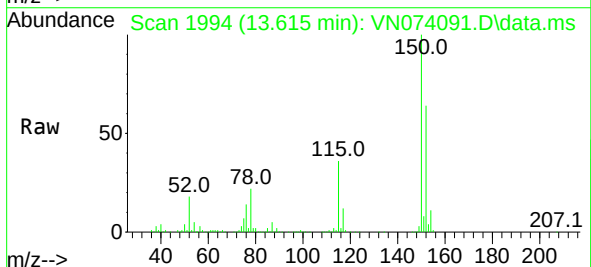
Instrument :
MSVOA_N
ClientSampleId :

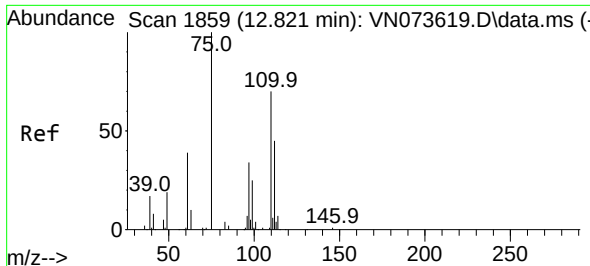
Tgt Ion:117 Resp: 762938
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Tgt Ion:152 Resp: 334371
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 156.4 0.0 356.2

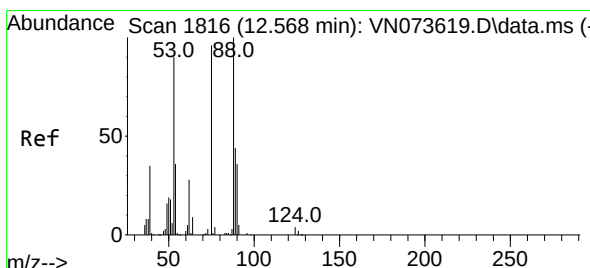
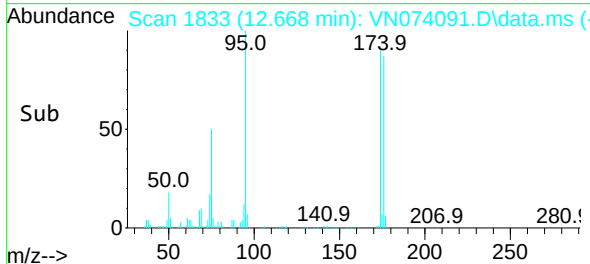
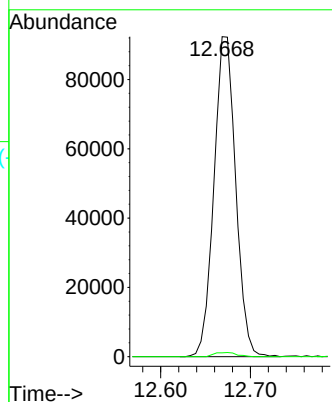
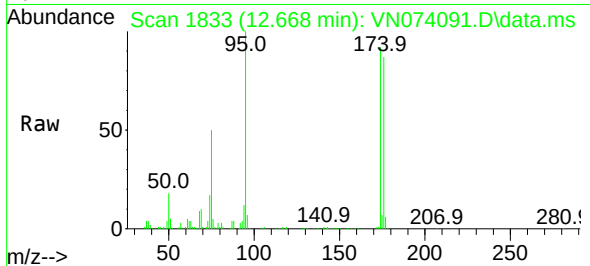




#76
1,2,3-Trichloropropane
Concen: 22.382 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 155551
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.658 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN074091.D
Acq: 24 Aug 2022 15:01

Tgt Ion: 75 Resp: 155551
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

