

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072326.D
 Acq On : 04 May 2022 14:26
 Operator : JC\MD
 Sample : N2672-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: May 05 02:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

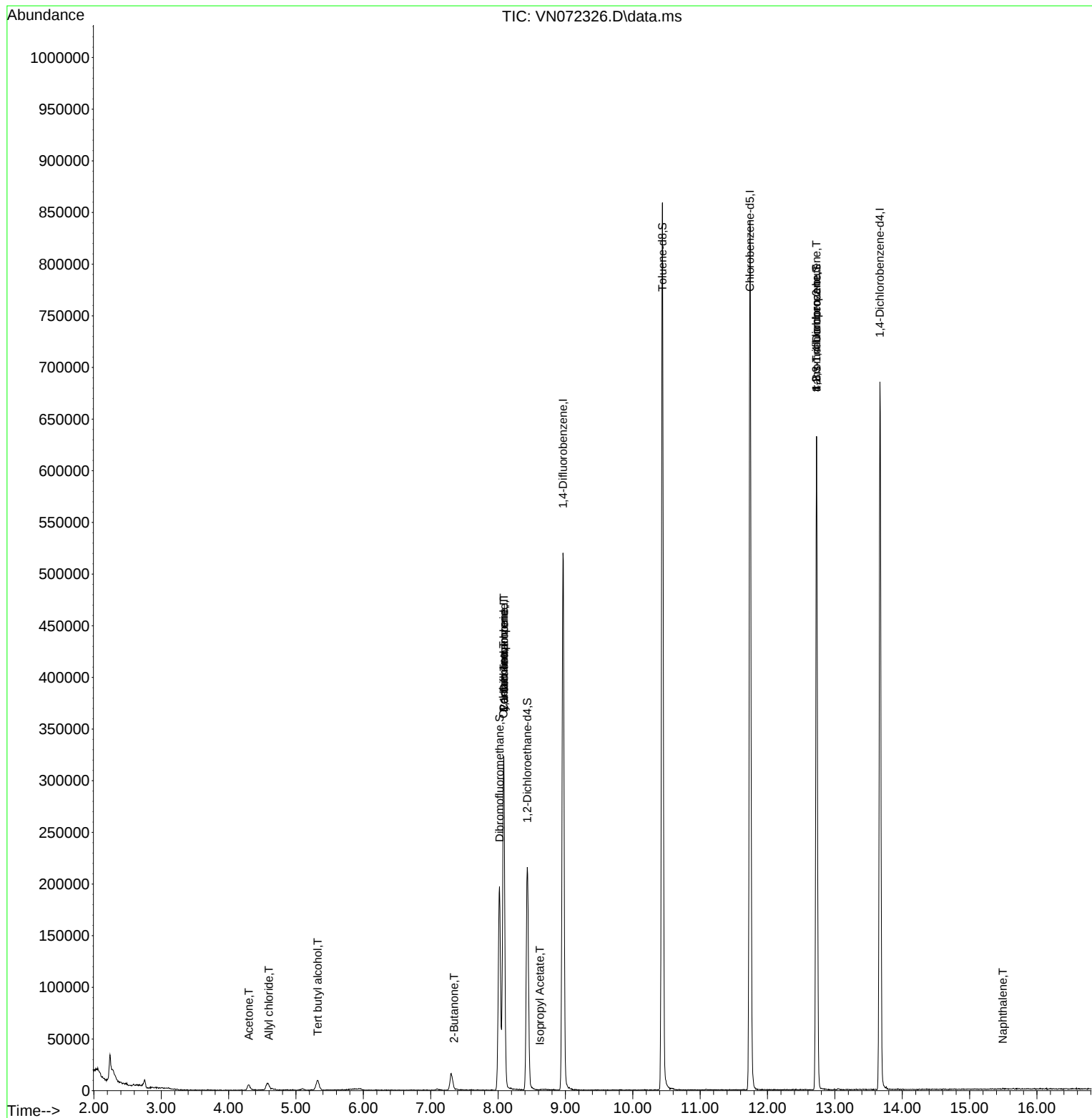
Internal Standards						
1) Pentafluorobenzene	8.086	168	230586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	446871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	476613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	181079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	190794	53.896	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.800%		
35) Dibromofluoromethane	8.022	113	142336	49.764	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.520%		
50) Toluene-d8	10.439	98	577293	51.365	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.740%		
62) 4-Bromofluorobenzene	12.727	95	217552	58.318	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 116.640%		
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	1679	Below Cal		94
5) Bromomethane	2.822	94	66	Below Cal	#	2
6) Chloroethane	2.975	64	324	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	9579	16.466	ug/l #	72
14) Allyl chloride	4.598	41	1128	0.247	ug/l #	24
16) Acetone	4.298	43	9478	6.210	ug/l	90
18) Methyl Acetate	4.851	43	78	Below Cal	#	48
25) 2-Butanone	7.345	43	1249	0.514	ug/l #	45
31) Cyclohexane	8.081	56	5733	1.212	ug/l #	24
36) 1,1-Dichloropropene	8.086	75	20109	4.830	ug/l #	50
38) Carbon Tetrachloride	8.086	117	25507	5.720	ug/l #	16
43) Isopropyl Acetate	8.622	43	226	0.827	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.721	83	116	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	116561	28.660	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	116561	74.429	ug/l #	10
95) Naphthalene	15.492	128	372	4.336	ug/l #	69

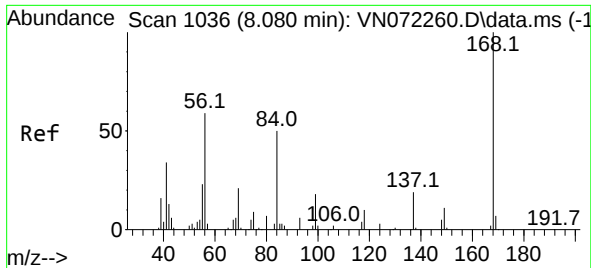
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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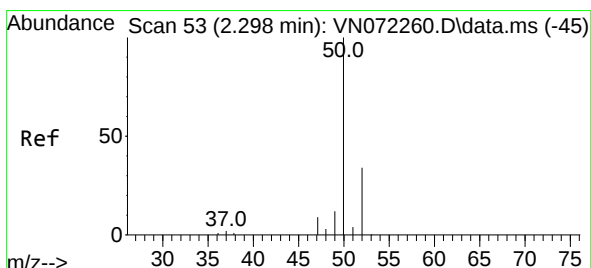
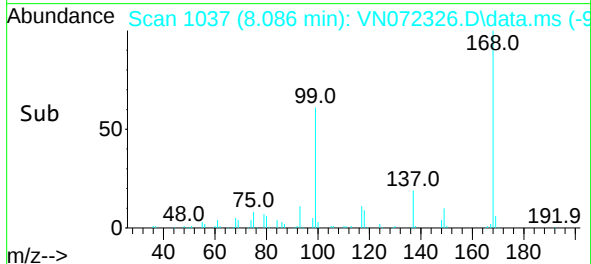
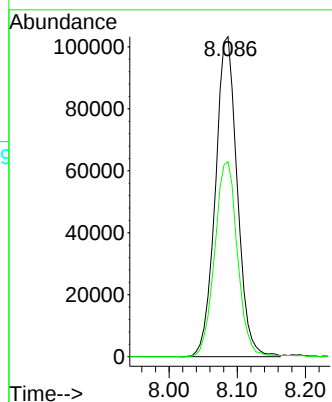
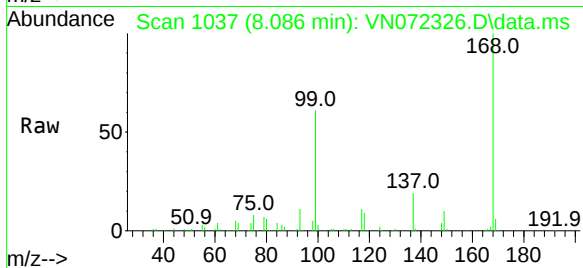




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

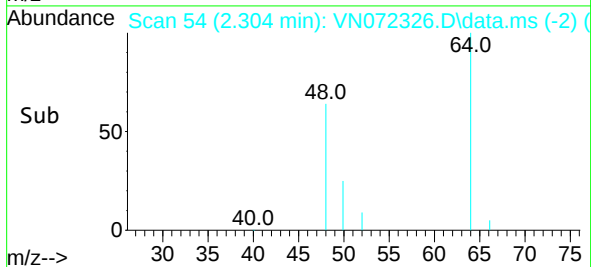
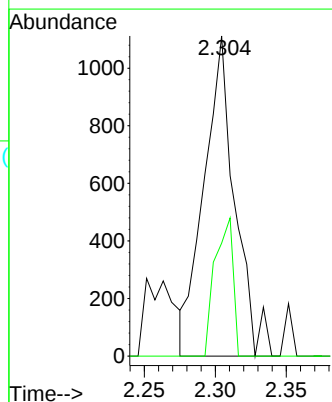
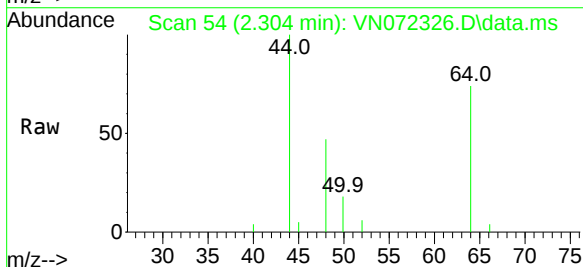
Instrument :
MSVOA_N
ClientSampleId :
FB

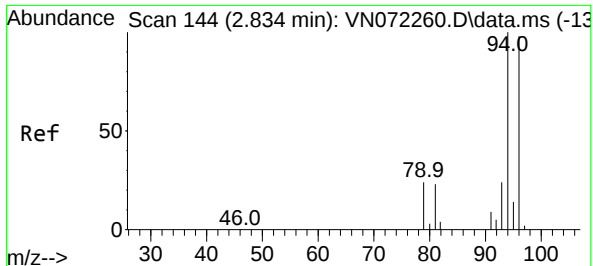
Tgt Ion:168 Resp: 230586
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 50 Resp: 1679
Ion Ratio Lower Upper
50 100
52 35.3 25.7 38.5

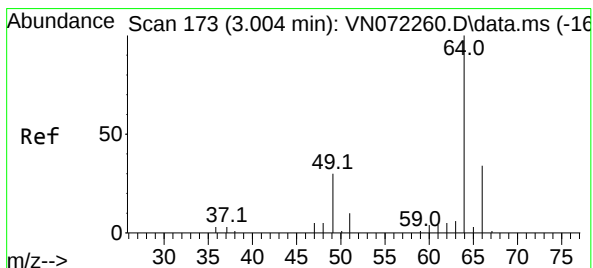
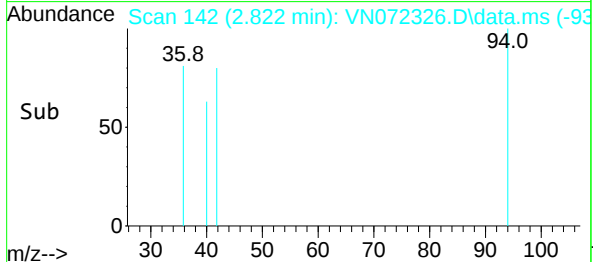
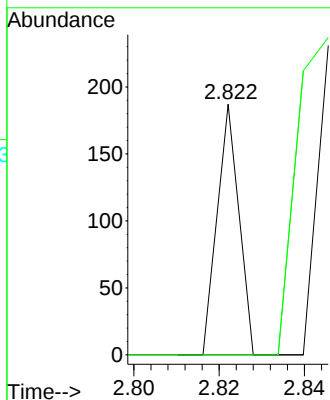
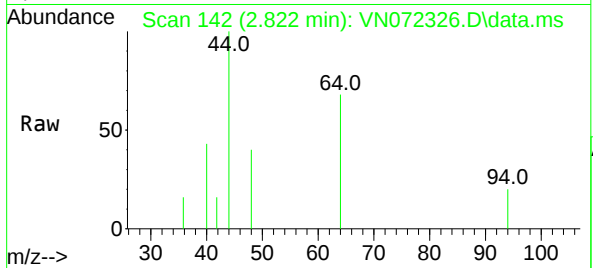




#5
Bromomethane
Concen: Below Cal
RT: 2.822 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

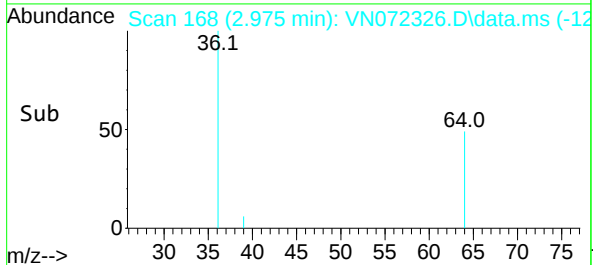
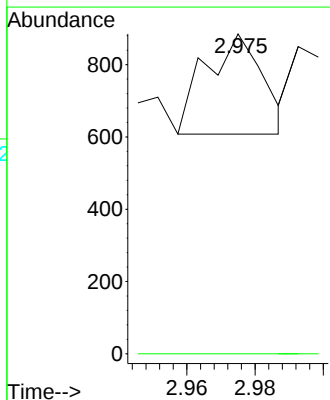
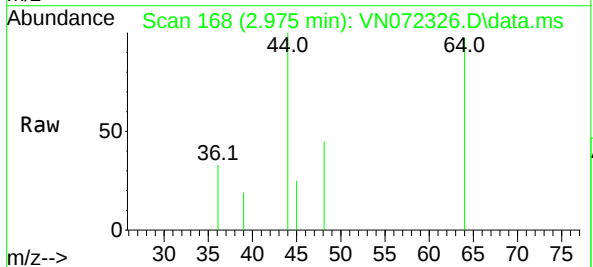
Instrument :
MSVOA_N
ClientSampleId :
FB

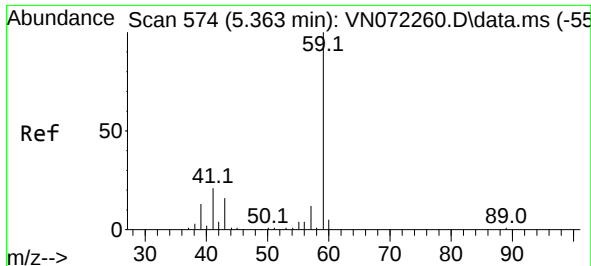
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 168
Delta R.T. -0.030 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 64 Resp: 324
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

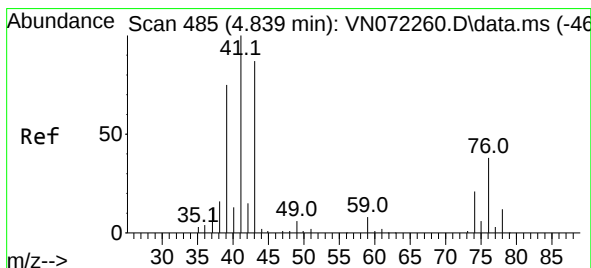
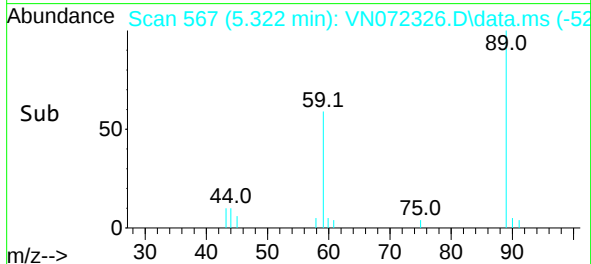
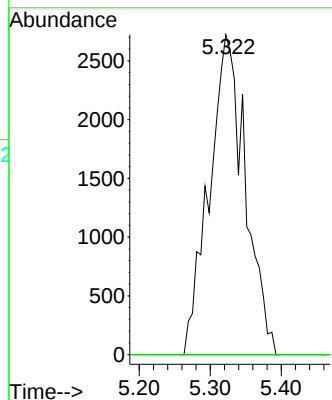
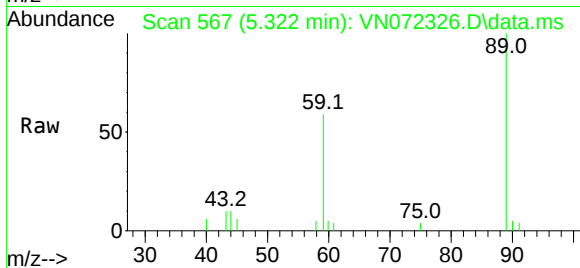




#11
Tert butyl alcohol
Concen: 16.466 ug/l
RT: 5.322 min Scan# 50
Delta R.T. -0.041 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

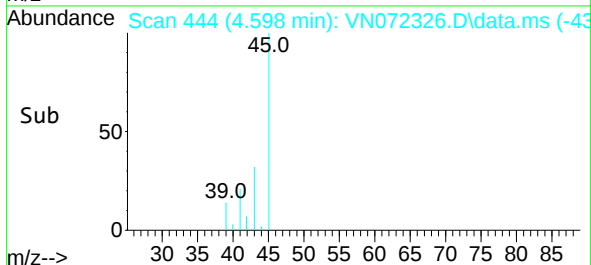
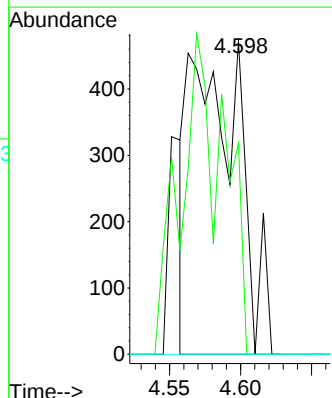
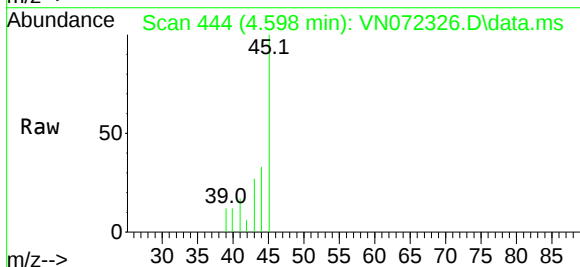
Instrument :
MSVOA_N
ClientSampleId :
FB

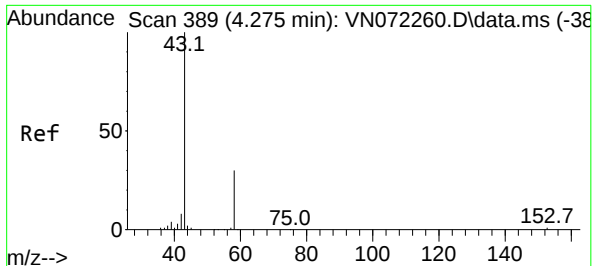
Tgt Ion: 59 Resp: 9579
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.247 ug/l
RT: 4.598 min Scan# 444
Delta R.T. -0.242 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 41 Resp: 1128
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

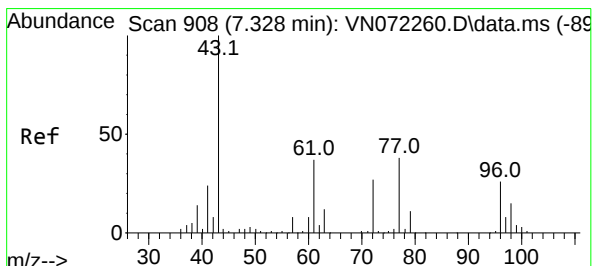
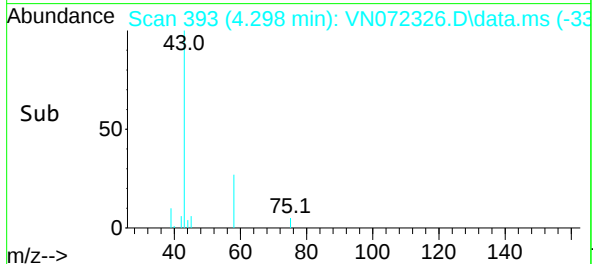
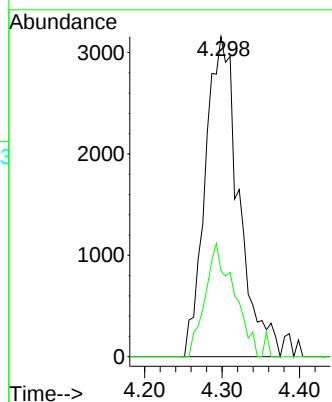
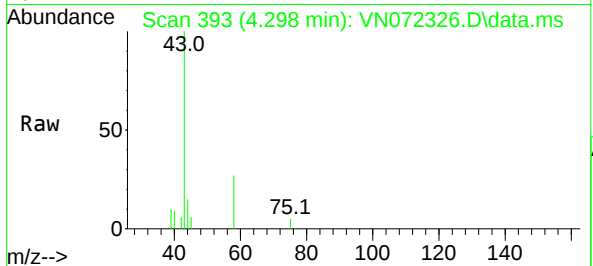




#16
Acetone
Concen: 6.210 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

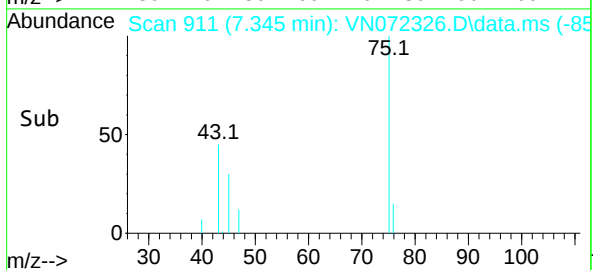
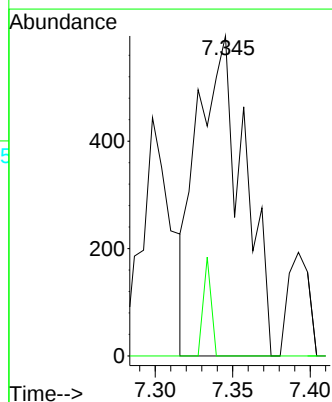
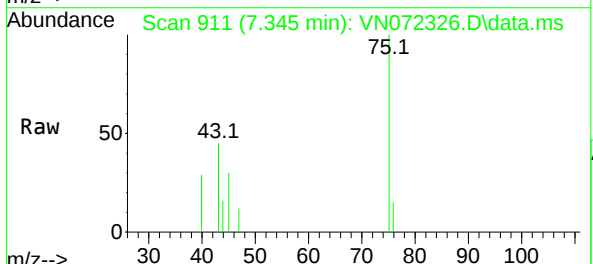
Instrument :
MSVOA_N
ClientSampleId :
FB

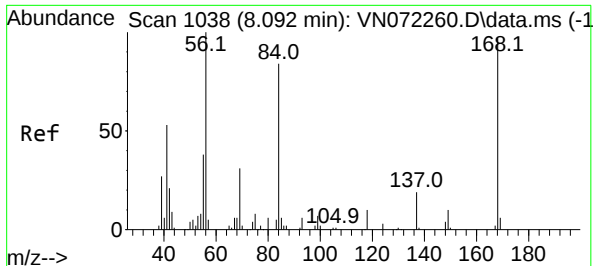
Tgt Ion: 43 Resp: 9478
Ion Ratio Lower Upper
43 100
58 26.8 26.0 39.0



#25
2-Butanone
Concen: 0.514 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

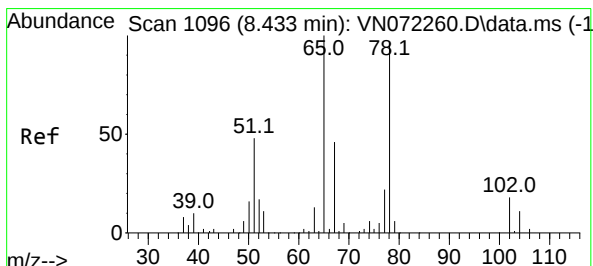
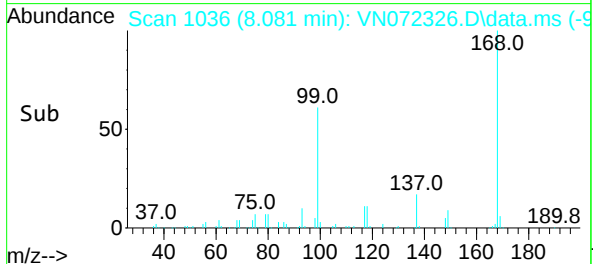
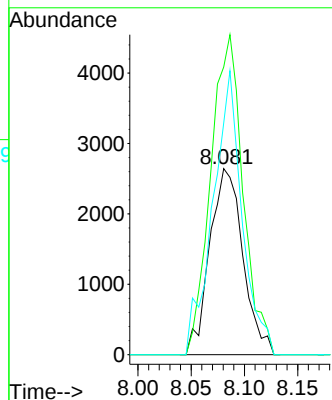
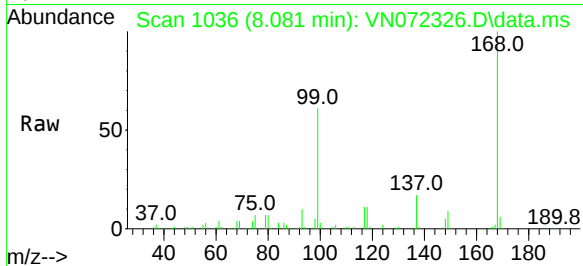




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

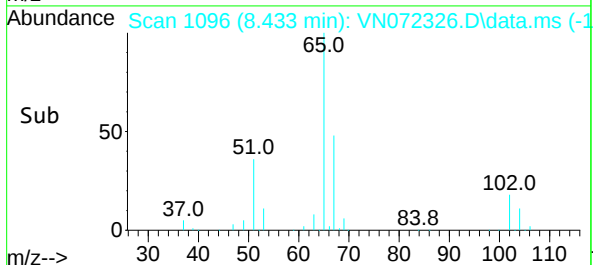
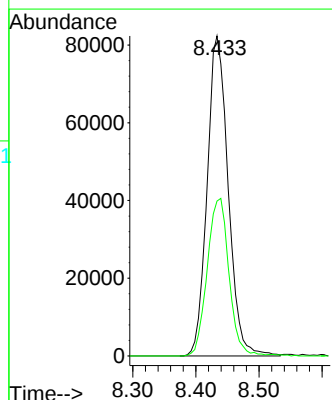
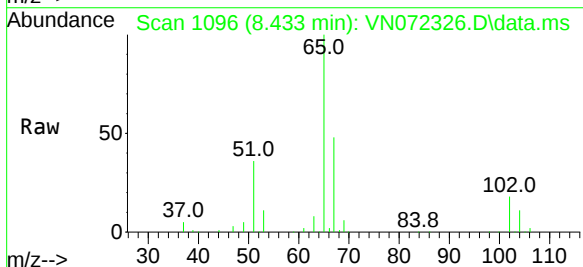
Instrument :
MSVOA_N
ClientSampleId :
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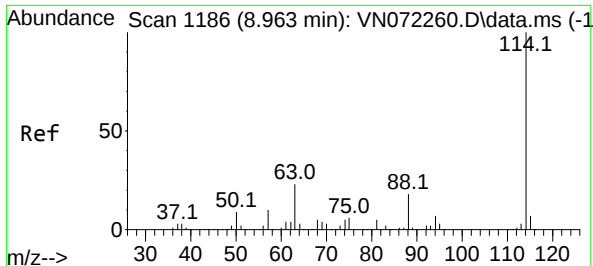
Tgt Ion: 56 Resp: 5733
Ion Ratio Lower Upper
56 100
69 154.7 27.8 41.8#
84 124.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.896 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 65 Resp: 190794
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8

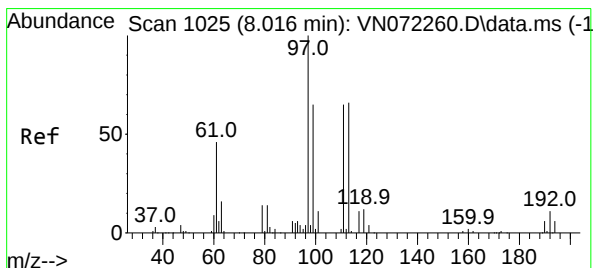
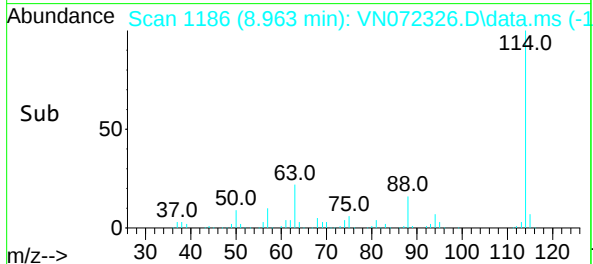
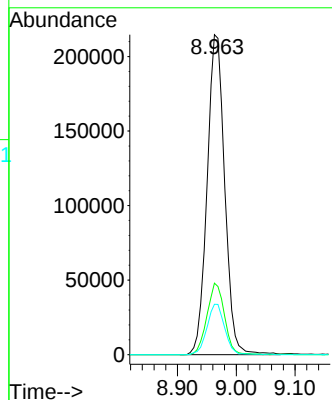
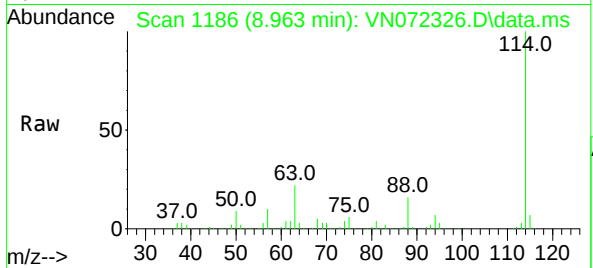




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

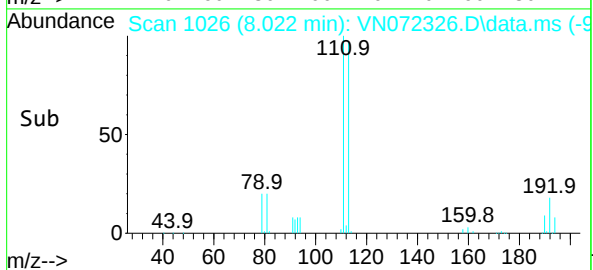
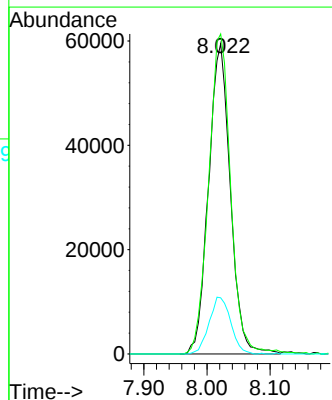
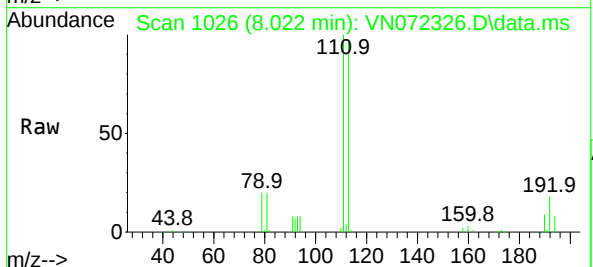
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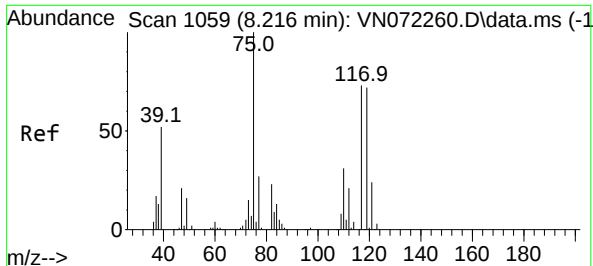
Tgt Ion:114 Resp: 446871
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.764 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion:113 Resp: 142336
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072326.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

FB

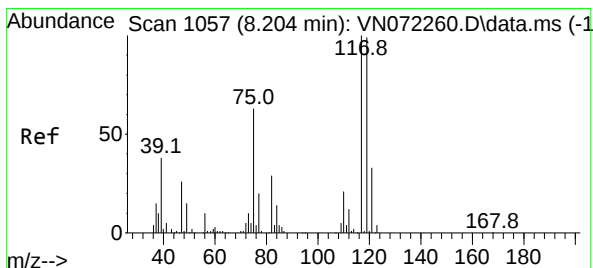
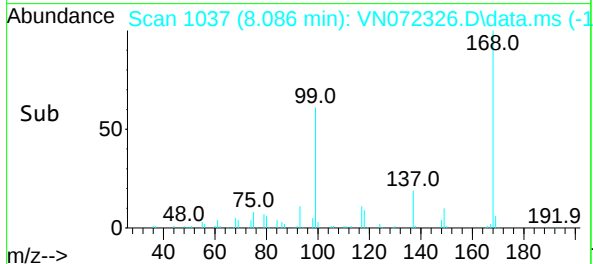
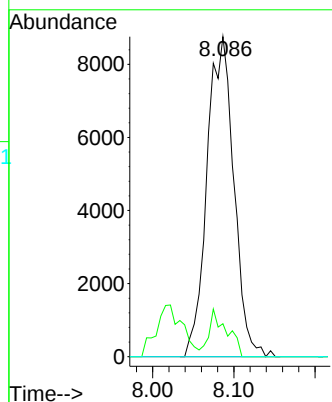
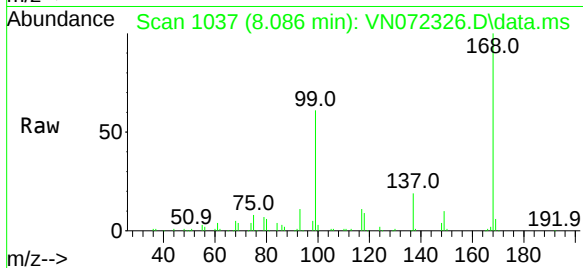
Tgt Ion: 75 Resp: 20109

Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.720 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN072326.D

Acq: 04 May 2022 14:26

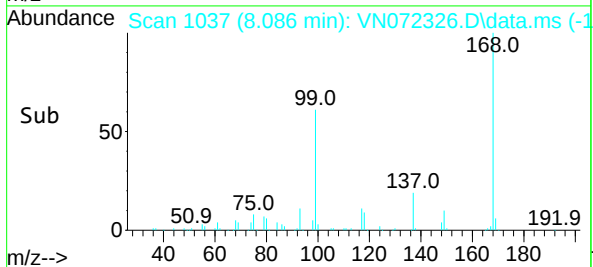
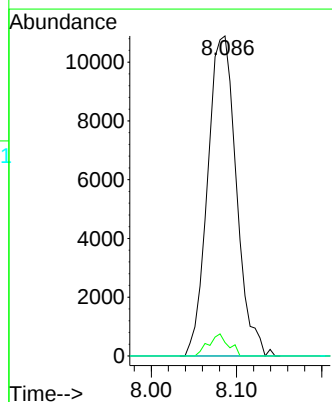
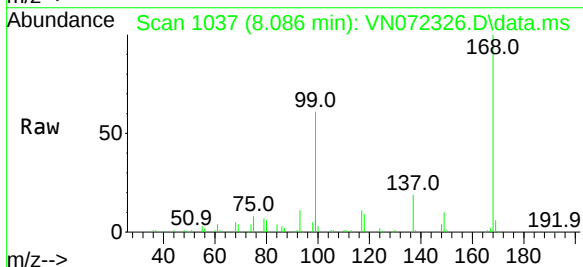
Tgt Ion: 117 Resp: 25507

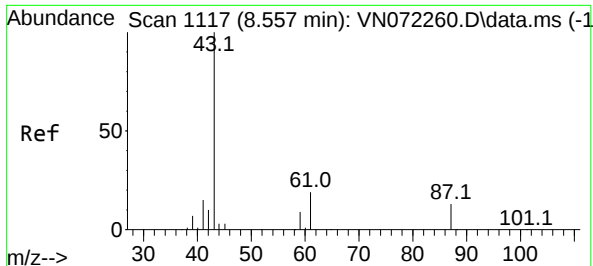
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.827 ug/l

RT: 8.622 min Scan# 1117

Delta R.T. 0.065 min

Lab File: VN072326.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_N

ClientSampleId :

FB

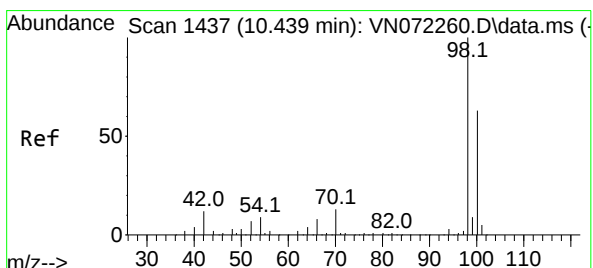
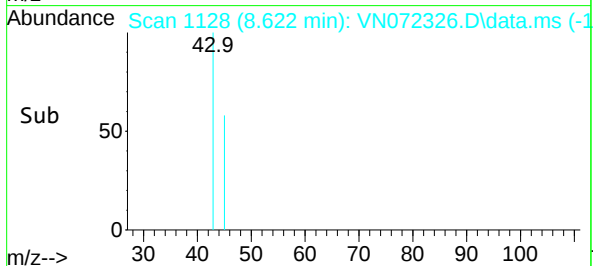
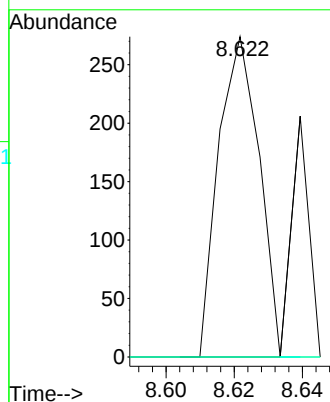
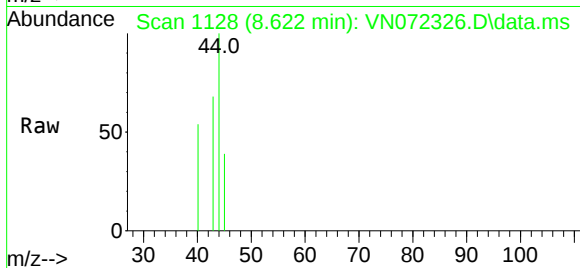
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.365 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072326.D

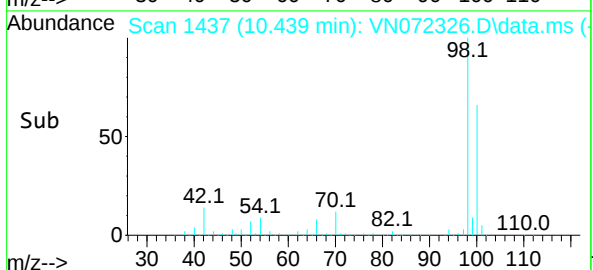
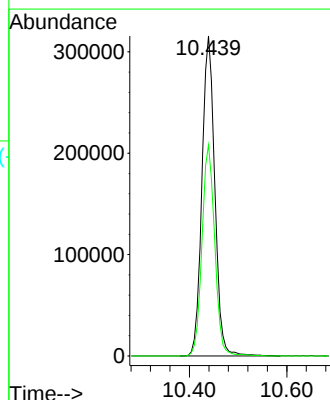
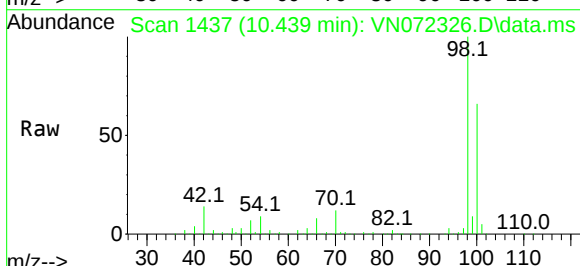
Acq: 04 May 2022 14:26

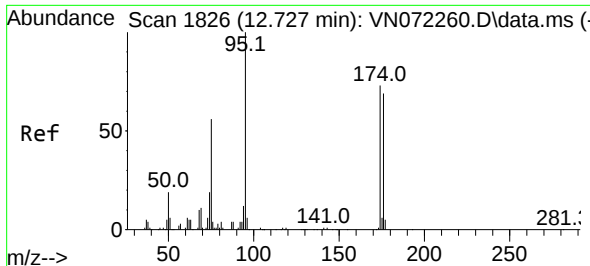
Tgt Ion: 98 Resp: 577293

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

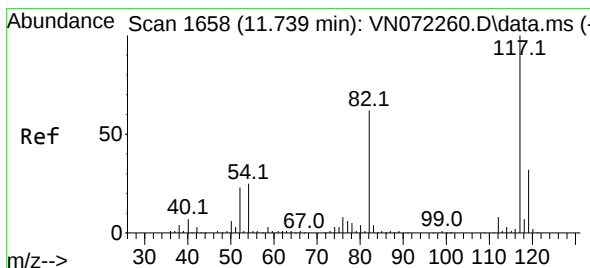
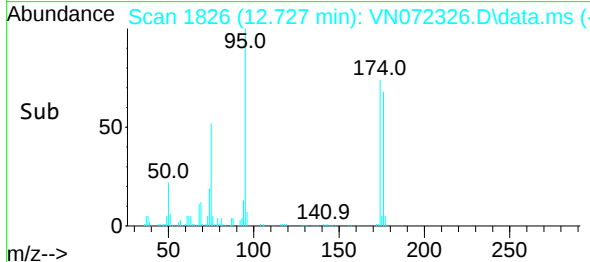
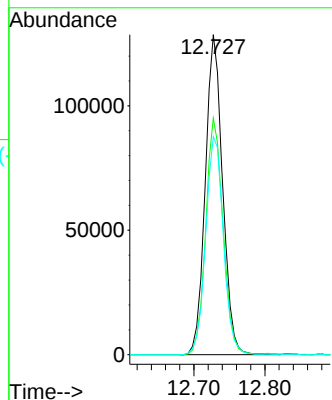
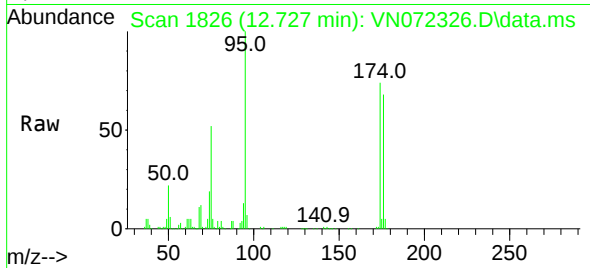




#62
4-Bromofluorobenzene
Concen: 58.318 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

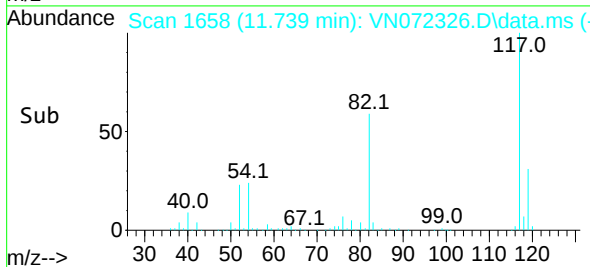
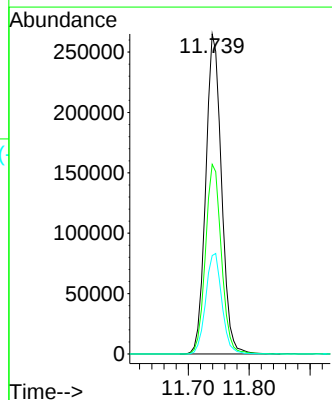
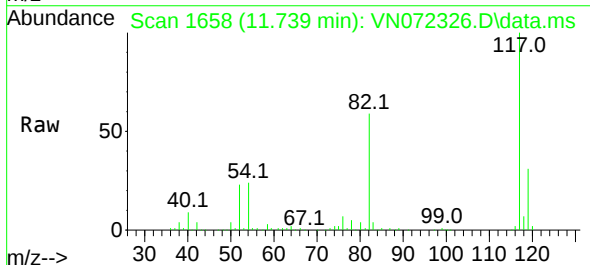
Instrument :
MSVOA_N
ClientSampleId :
FB

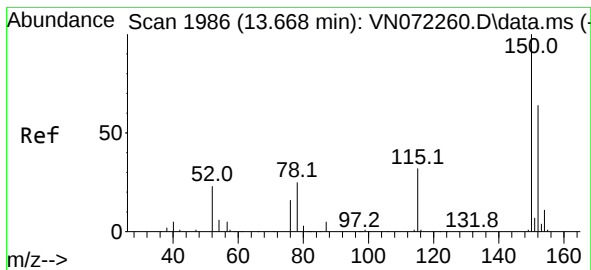
Tgt Ion: 95 Resp: 217552
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 69.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 117 Resp: 476613
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 30.8 25.4 38.0

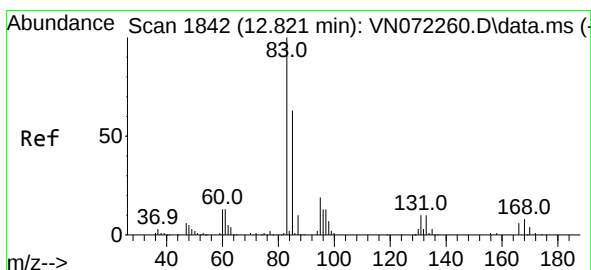
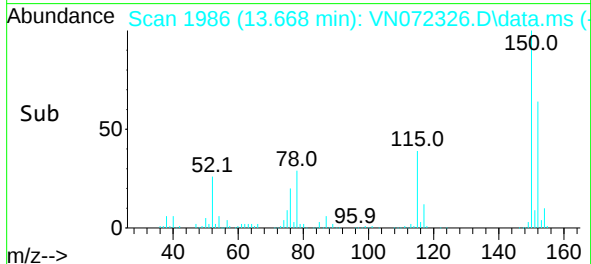
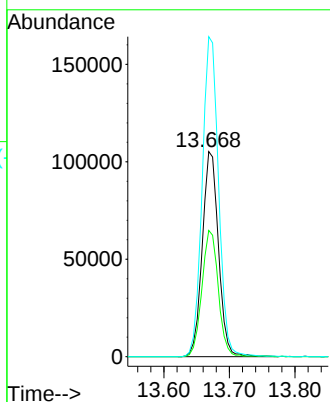
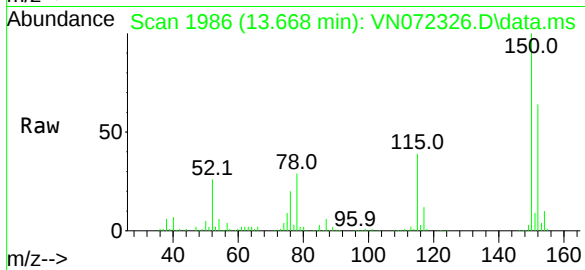




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

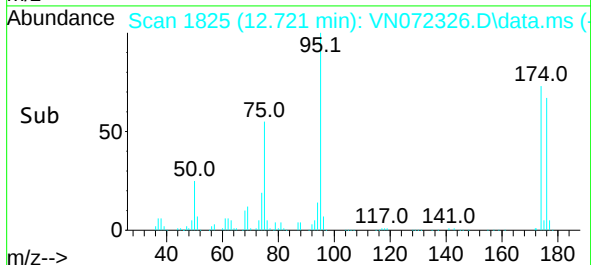
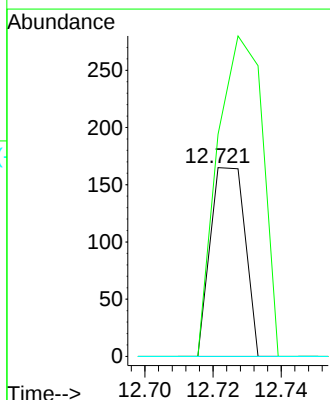
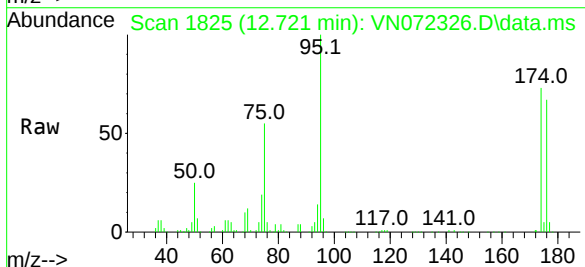
Instrument :
MSVOA_N
ClientSampleId :
FB

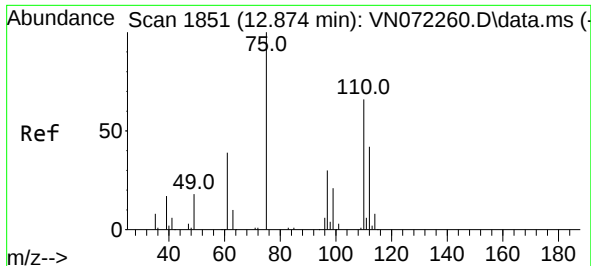
Tgt Ion:152 Resp: 181079
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 157.9 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1825
Delta R.T. -0.101 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

Tgt Ion: 83 Resp: 116
Ion Ratio Lower Upper
83 100
131 221.6 5.3 15.9#
85 0.0 32.3 96.9#

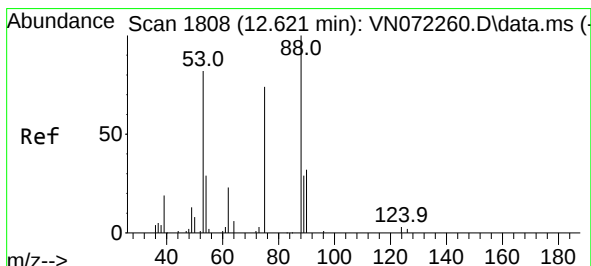
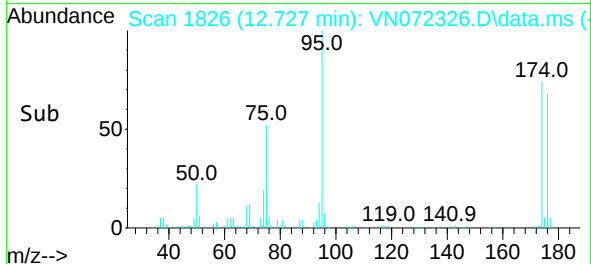
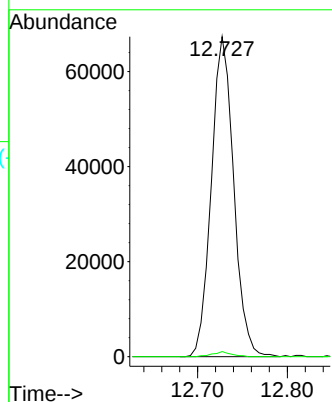
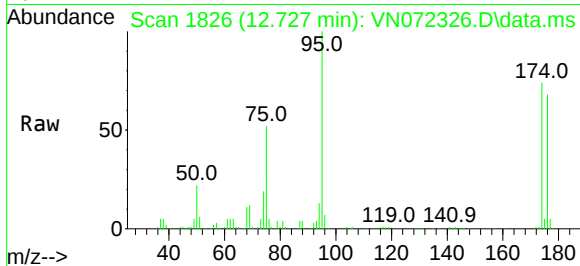




#76
1,2,3-Trichloropropane
Concen: 28.660 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

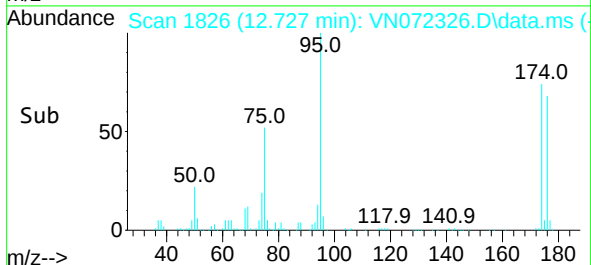
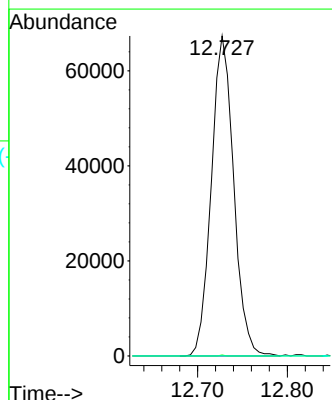
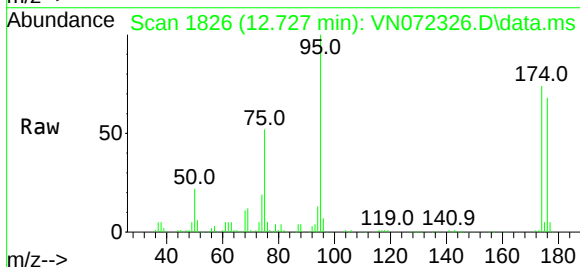
Instrument :
MSVOA_N
ClientSampleId :
FB

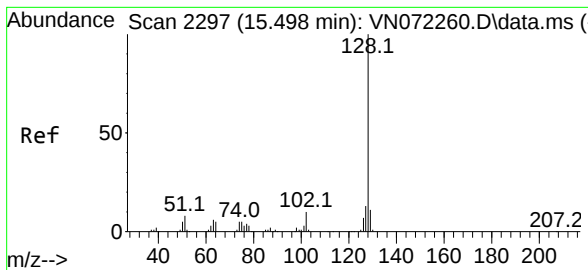
Tgt Ion: 75 Resp: 116561
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.429 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072326.D
Acq: 04 May 2022 14:26

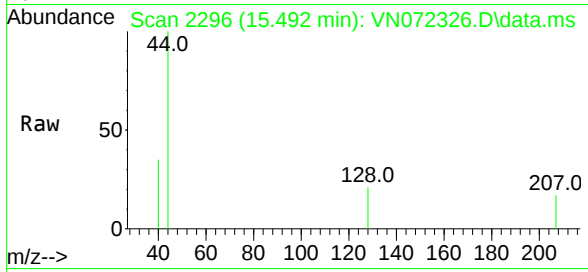
Tgt Ion: 75 Resp: 116561
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 4.336 ug/l
 RT: 15.492 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072326.D
 Acq: 04 May 2022 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 FB



Tgt Ion:	128	Resp:	372
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

