

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072806.D
 Acq On : 13 Jun 2022 20:06
 Operator : JC\MD
 Sample : VN0613WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBL01

Quant Time: Jun 14 05:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

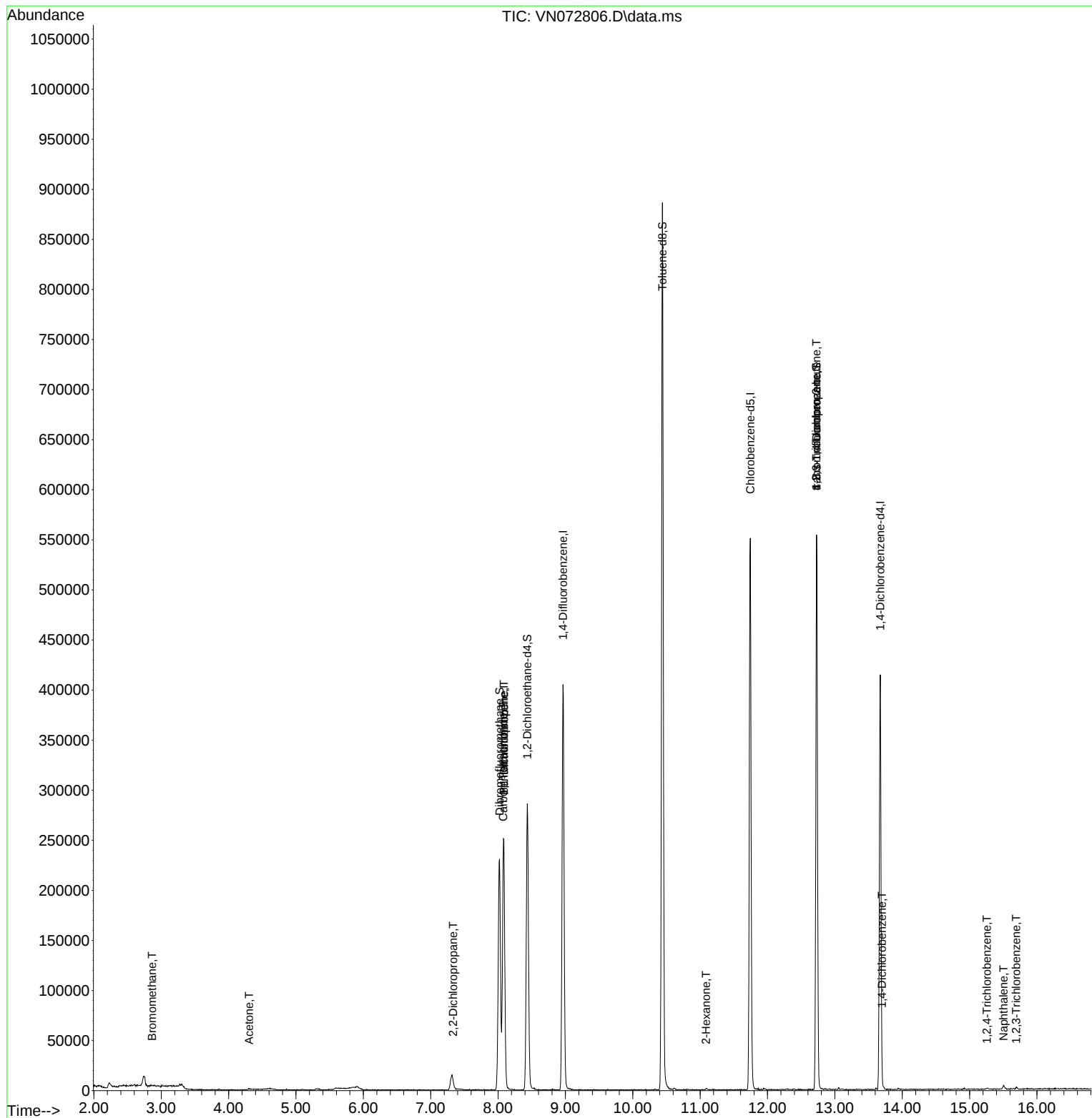
Internal Standards						
1) Pentafluorobenzene	8.086	168	163683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	325873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	291097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	94345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	239024	52.156	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.320%		
35) Dibromofluoromethane	8.022	113	163599	50.408	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.820%		
50) Toluene-d8	10.439	98	562519	43.158	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 86.320%		
62) 4-Bromofluorobenzene	12.727	95	184982	40.161	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 80.320%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	574	Below Cal	#	79
5) Bromomethane	2.863	94	820	0.694	ug/l #	53
16) Acetone	4.304	43	1014	0.487	ug/l #	42
17) Carbon Disulfide	4.522	76	622	Below Cal	#	75
20) Methylene Chloride	5.092	84	200	Below Cal	#	10
21) trans-1,2-Dichloroethene	5.592	96	71	Below Cal	#	1
26) 2,2-Dichloropropane	7.333	77	1117	0.208	ug/l #	53
31) Cyclohexane	8.080	56	5951	Below Cal	#	38
36) 1,1-Dichloropropene	8.086	75	17303	3.826	ug/l #	49
38) Carbon Tetrachloride	8.075	117	20391	4.302	ug/l #	17
59) 2-Hexanone	11.086	43	1260	0.240	ug/l #	41
76) 1,2,3-Trichloropropane	12.727	75	112899	34.866	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	112899	106.268	ug/l #	10
88) 1,4-Dichlorobenzene	13.698	146	730	0.224	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.256	180	520	0.350	ug/l #	62
95) Naphthalene	15.504	128	4134	0.705	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.692	180	759	0.491	ug/l #	85

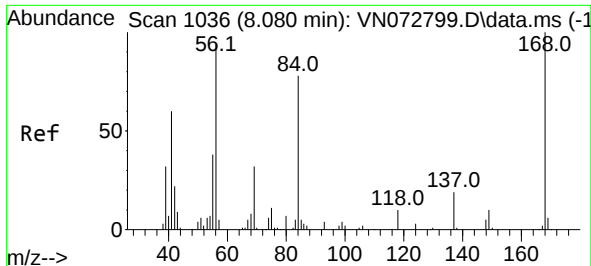
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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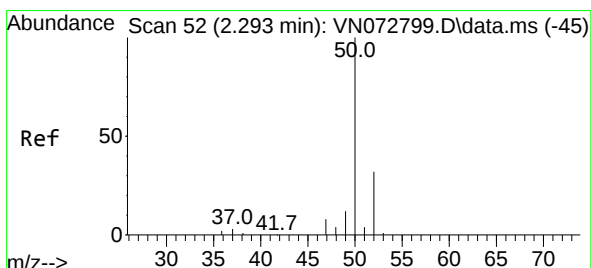
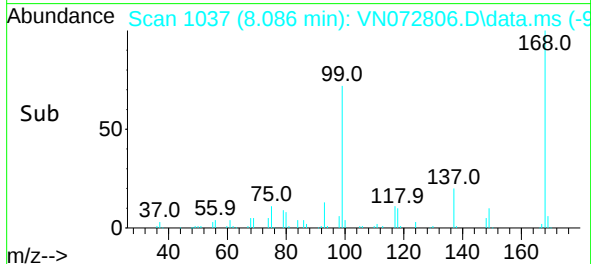
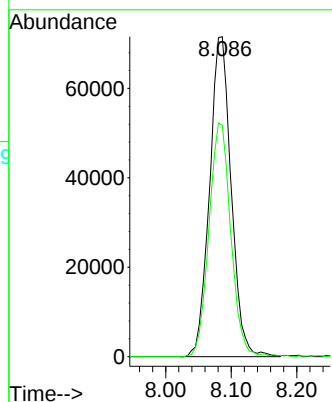
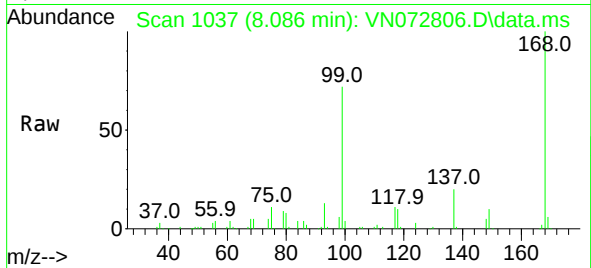




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

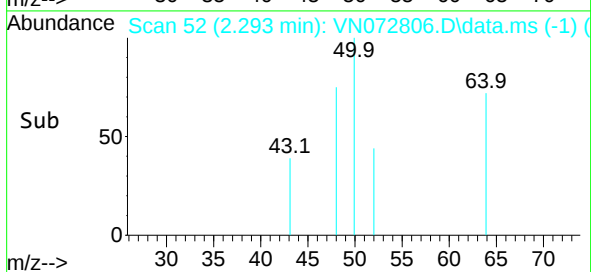
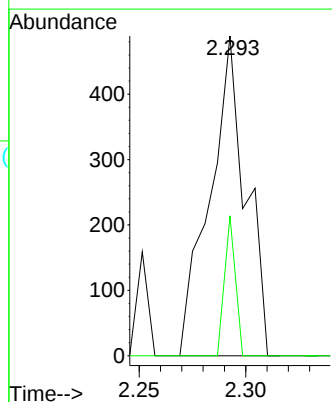
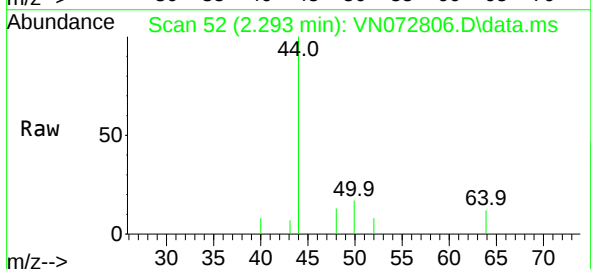
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

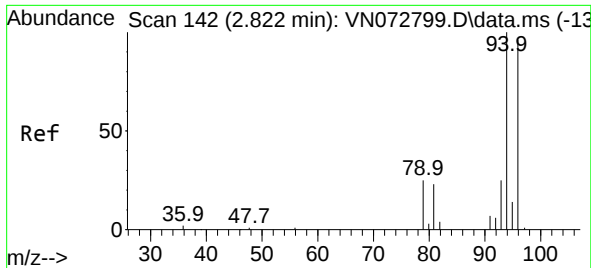
Tgt Ion:168 Resp: 163683
Ion Ratio Lower Upper
168 100
99 72.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 43.8 25.7 38.5#

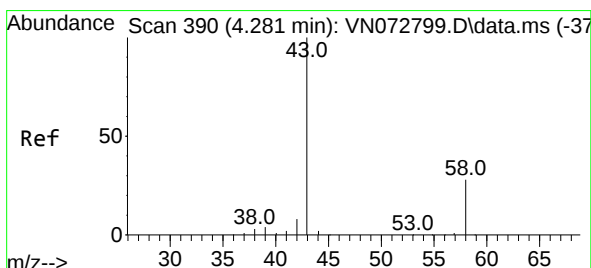
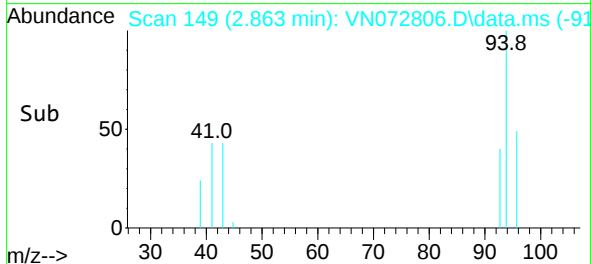
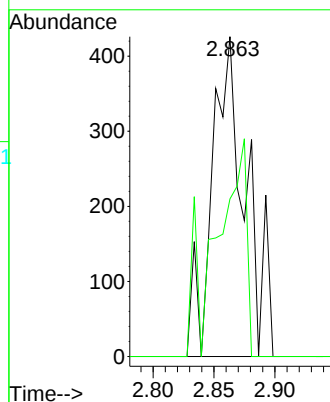
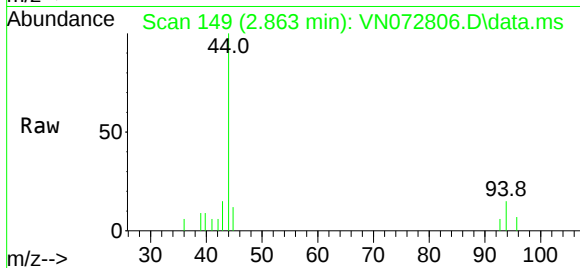




#5
Bromomethane
Concen: 0.694 ug/l
RT: 2.863 min Scan# 14
Delta R.T. 0.041 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

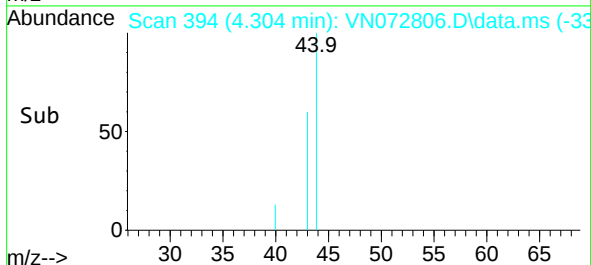
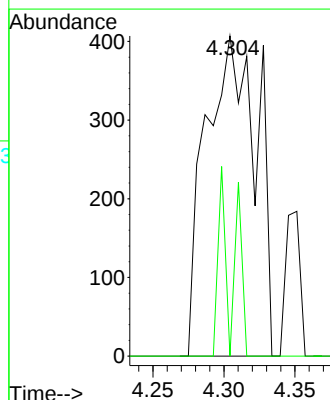
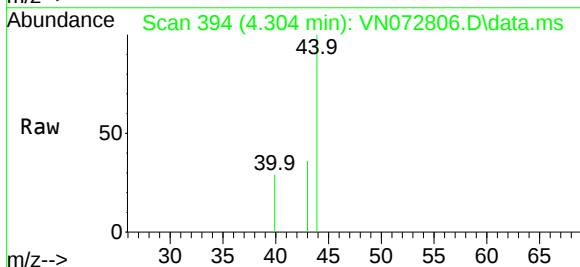
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

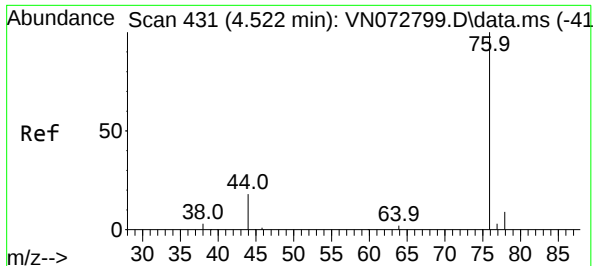
Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 49.3 76.0 114.0#



#16
Acetone
Concen: 0.487 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

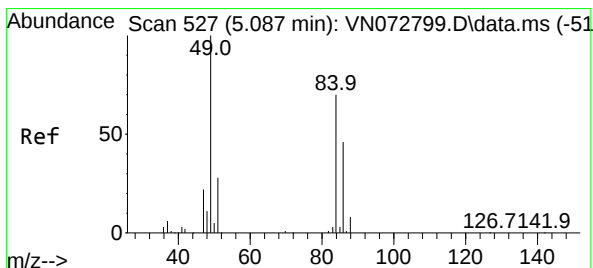
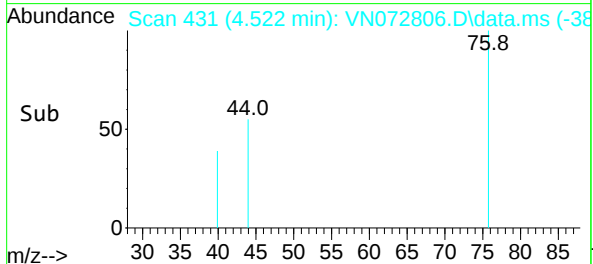
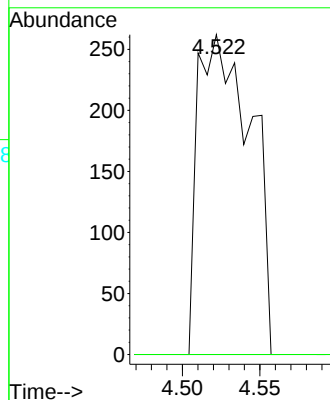
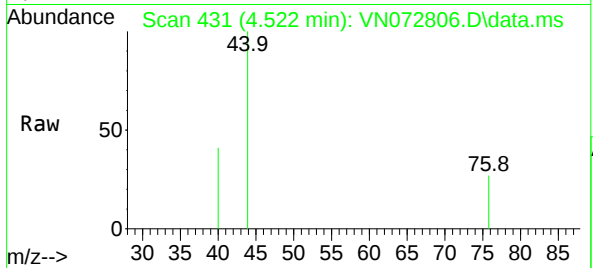




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.522 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

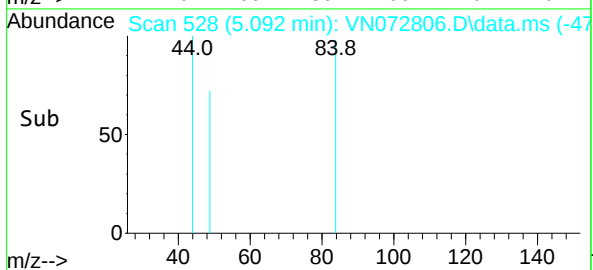
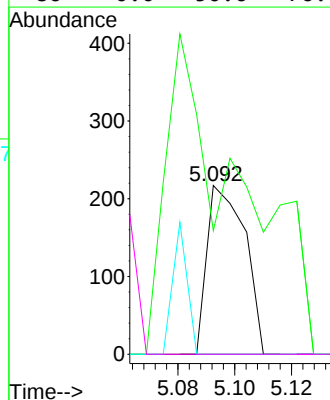
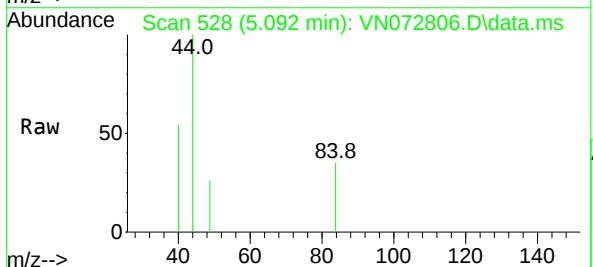
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

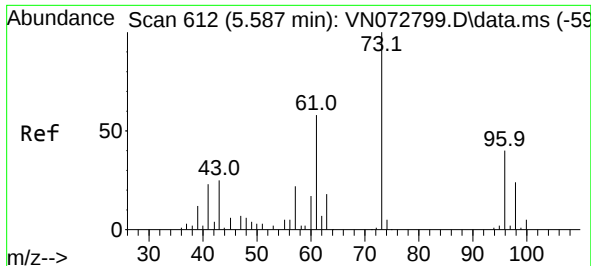
Tgt Ion: 76 Resp: 622
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

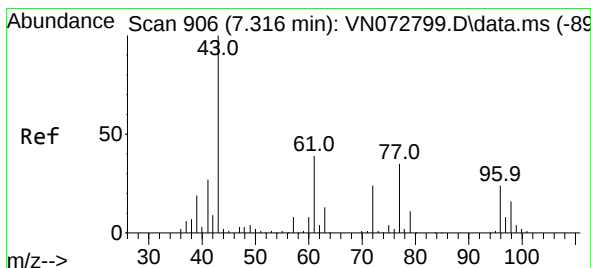
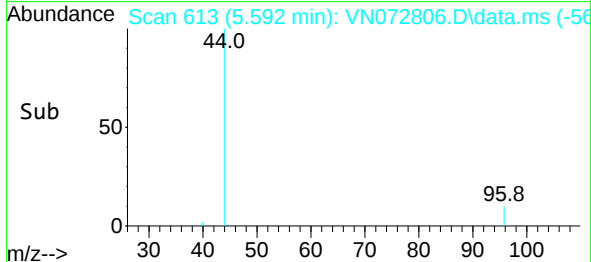
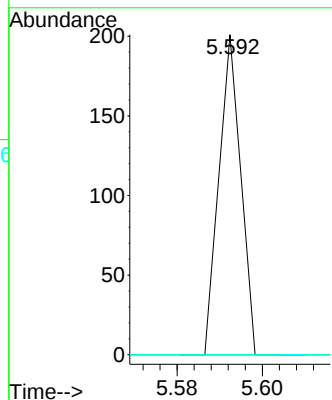
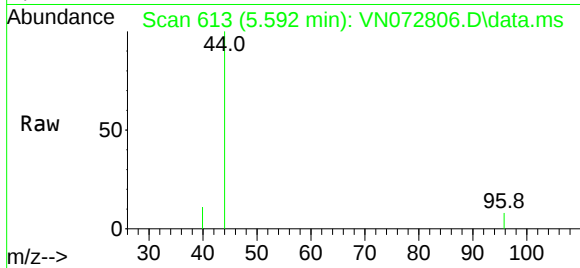




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.592 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

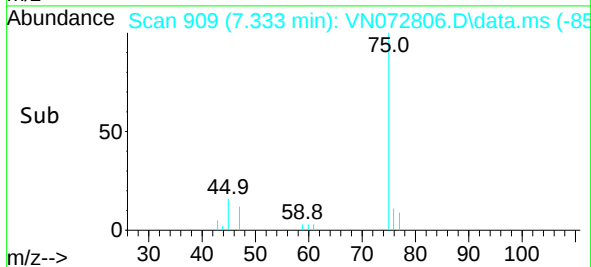
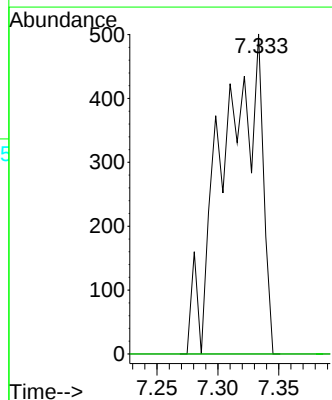
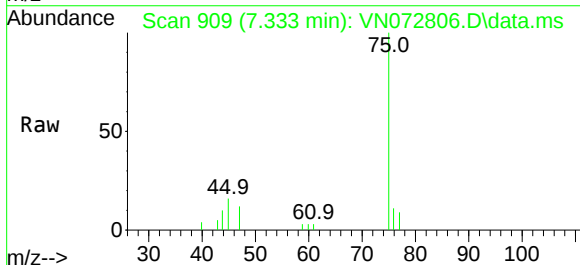
Instrument :
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ClientSampleId :
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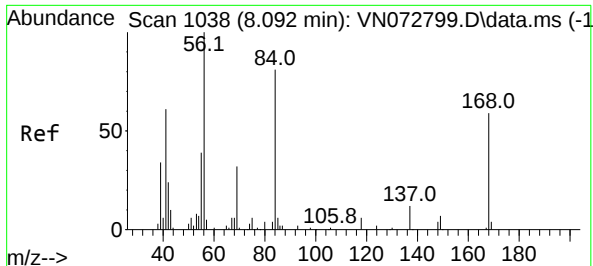
Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#26
2,2-Dichloropropane
Concen: 0.208 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.017 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 77 Resp: 1117
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

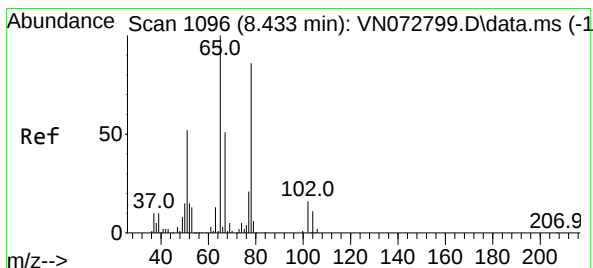
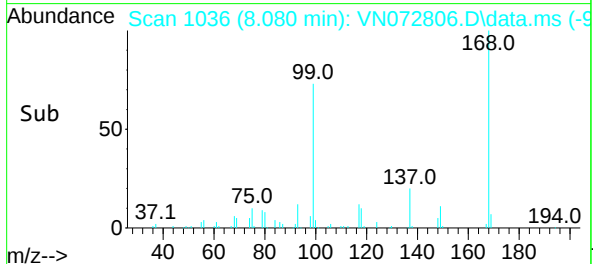
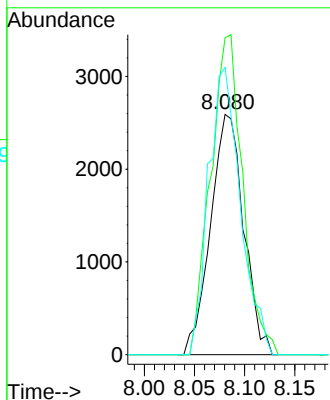
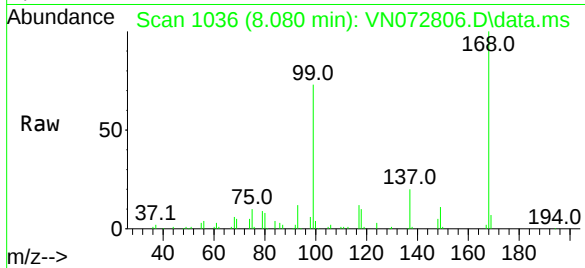




#31
Cyclohexane
Concen: Below Cal
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

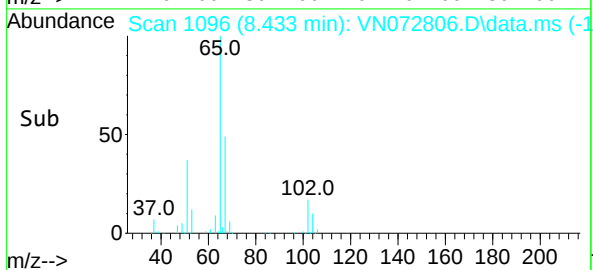
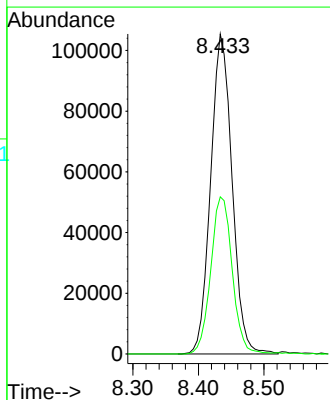
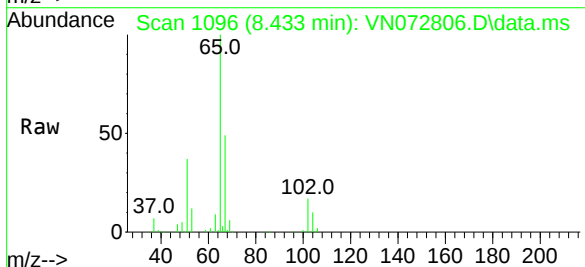
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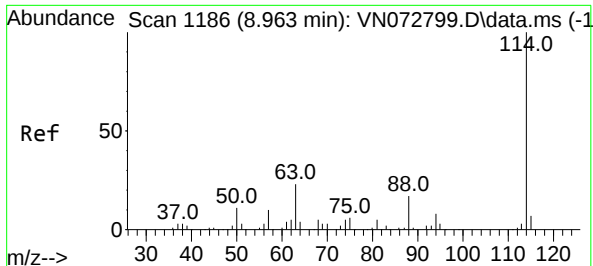
Tgt Ion: 56 Resp: 5951
Ion Ratio Lower Upper
56 100
69 131.9 27.8 41.8#
84 119.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 52.156 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 65 Resp: 239024
Ion Ratio Lower Upper
65 100
67 49.2 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: VN072806.D

Acq: 13 Jun 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBL01

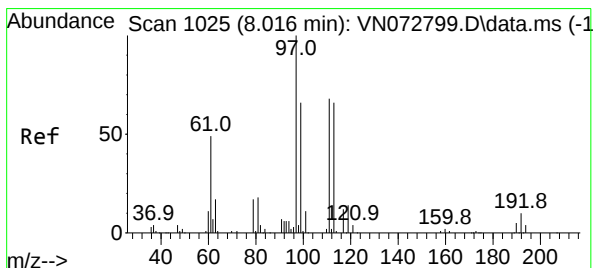
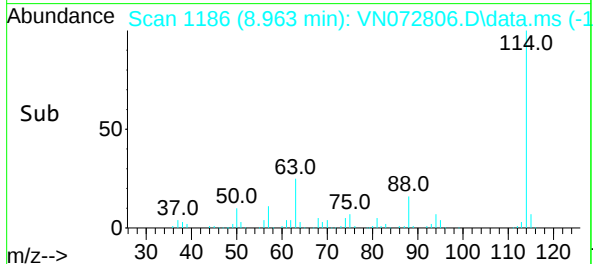
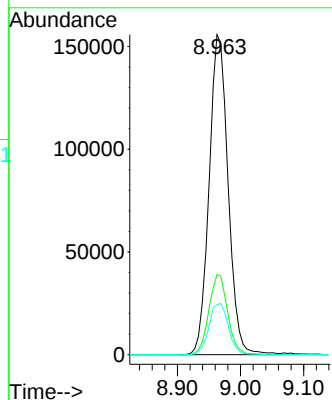
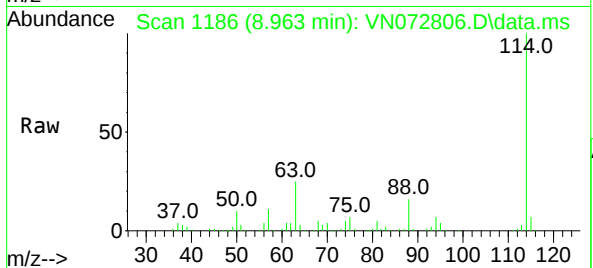
Tgt Ion:114 Resp: 325873

Ion Ratio Lower Upper

114 100

63 25.1 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.408 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072806.D

Acq: 13 Jun 2022 20:06

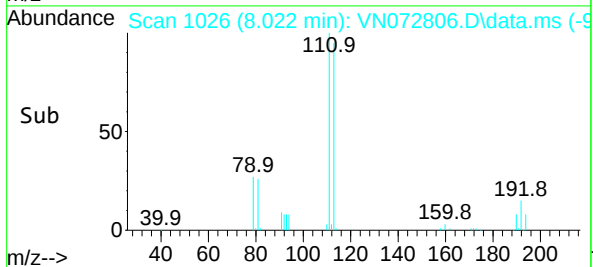
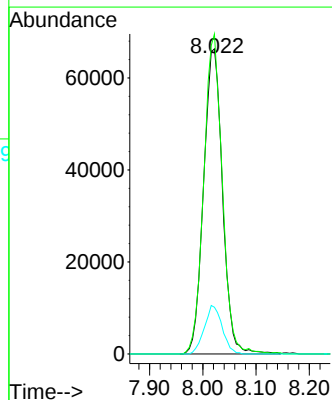
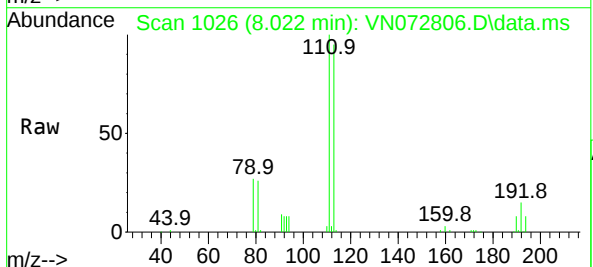
Tgt Ion:113 Resp: 163599

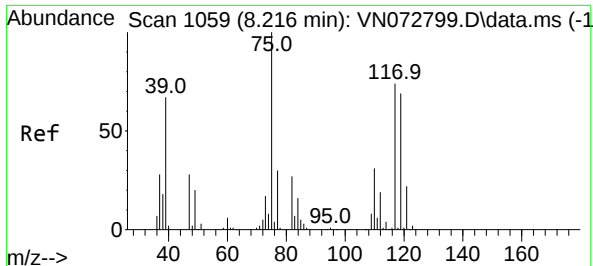
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 15.0 17.0 25.6#

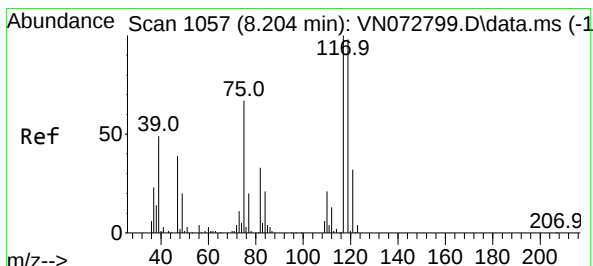
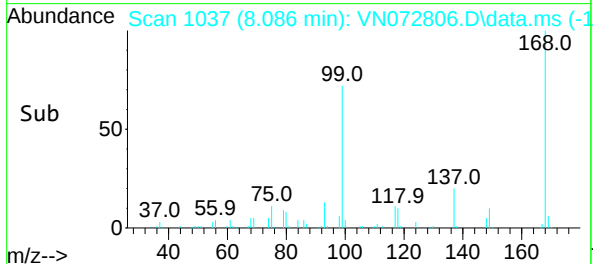
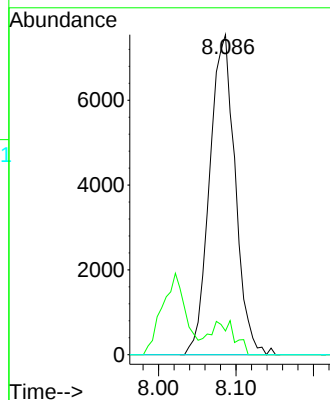
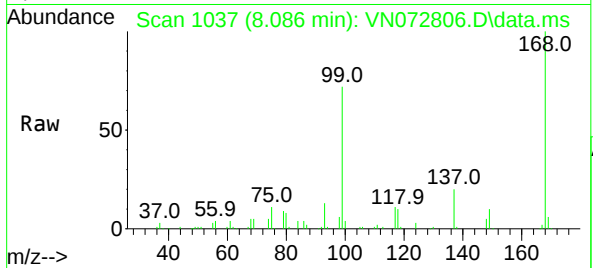




#36
1,1-Dichloropropene
Concen: 3.826 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

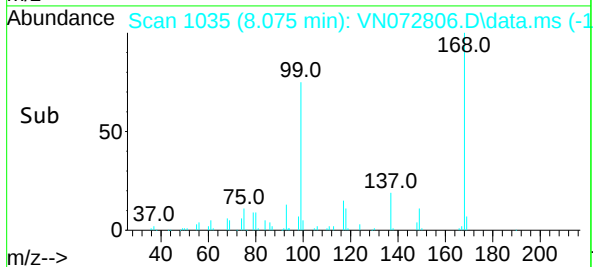
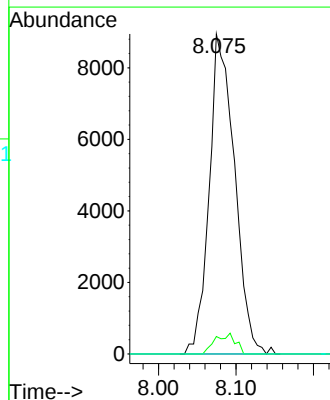
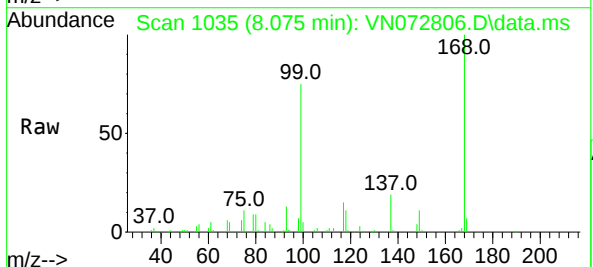
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MSVOA_N
ClientSampleId :
VN0613WBL01

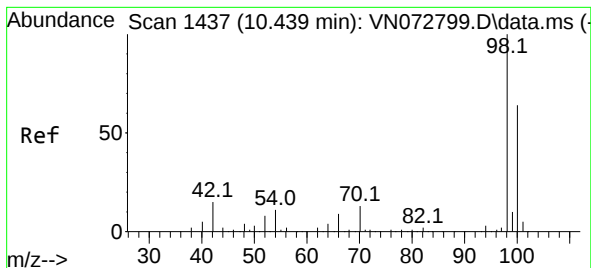
Tgt Ion: 75 Resp: 17303
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.302 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.129 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 117 Resp: 20391
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#

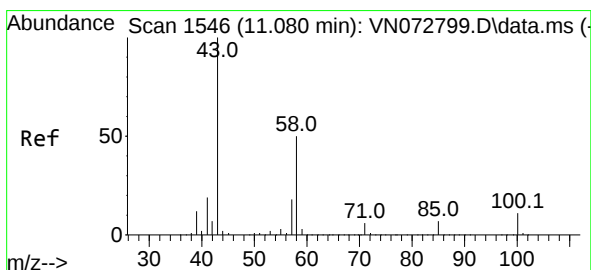
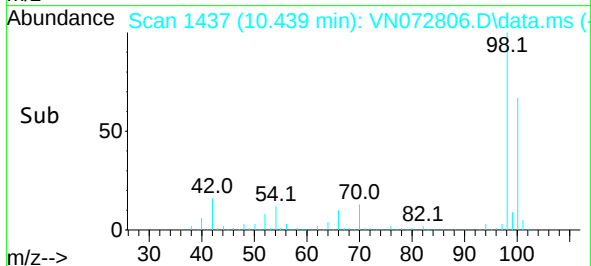
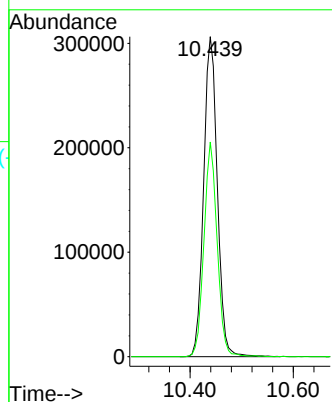
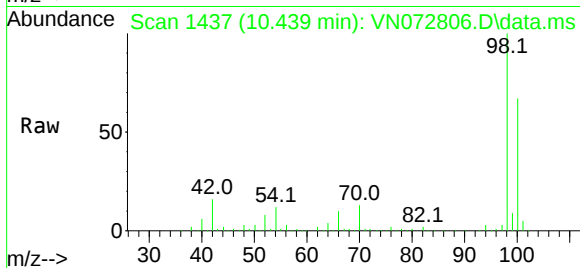




#50
Toluene-d8
Concen: 43.158 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

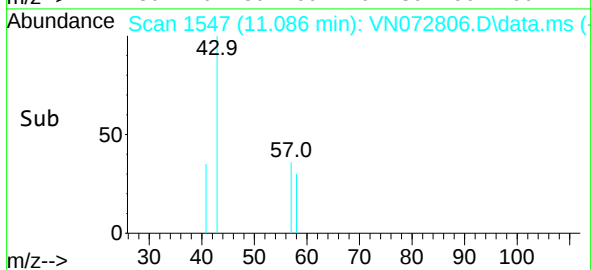
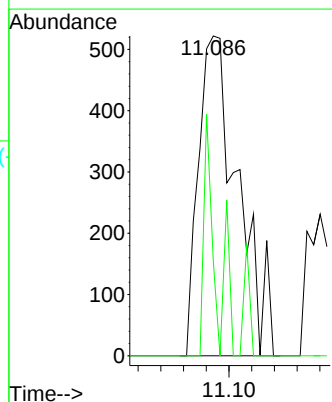
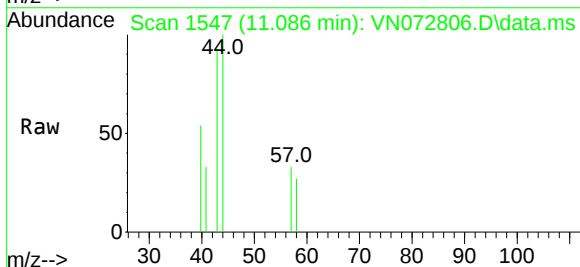
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

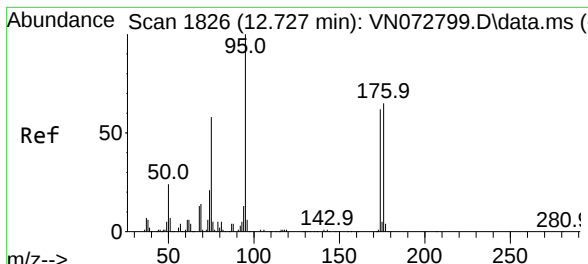
Tgt Ion: 98 Resp: 562519
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#59
2-Hexanone
Concen: 0.240 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 15.3 29.7 89.1#

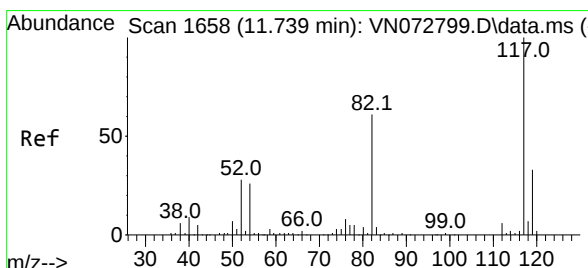
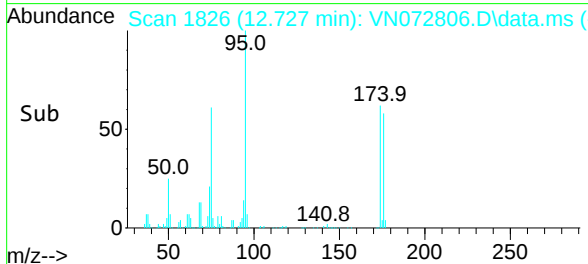
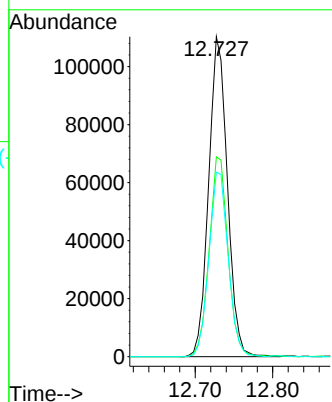
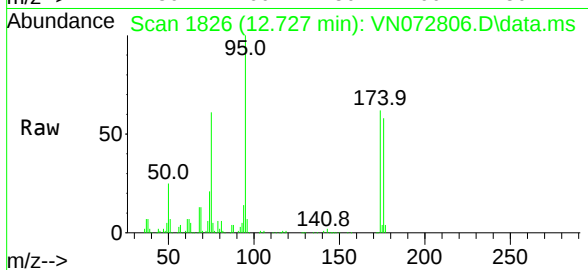




#62
4-Bromofluorobenzene
Concen: 40.161 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

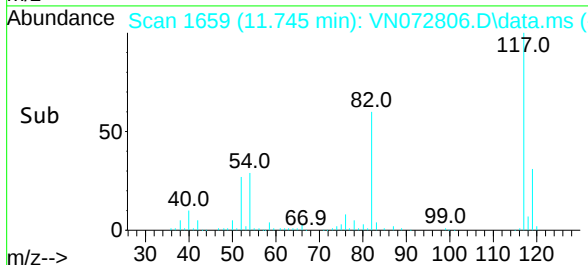
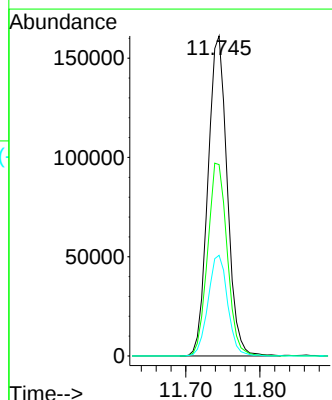
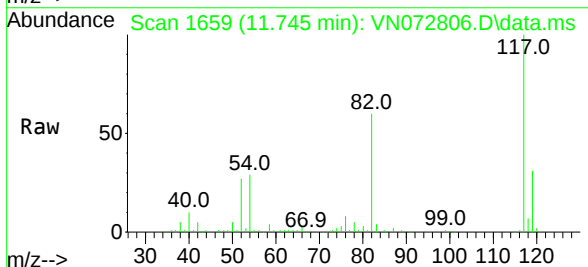
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

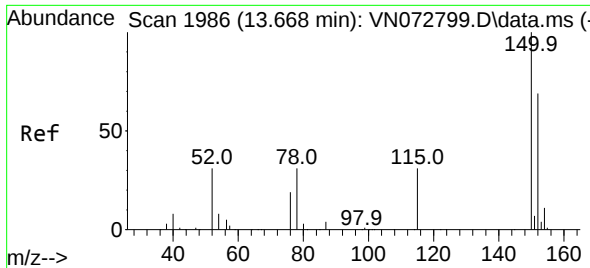
Tgt Ion: 95 Resp: 184982
Ion Ratio Lower Upper
95 100
174 62.8 0.0 167.6
176 59.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 117 Resp: 291097
Ion Ratio Lower Upper
117 100
82 59.8 44.2 66.2
119 31.5 25.4 38.0

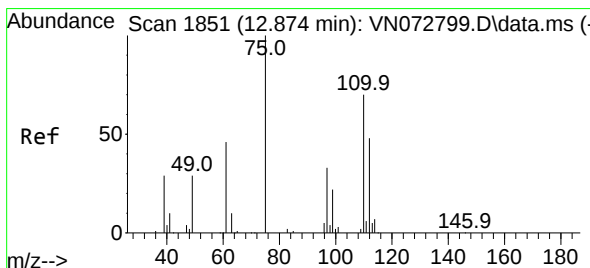
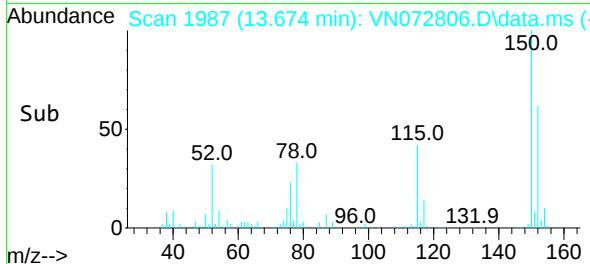
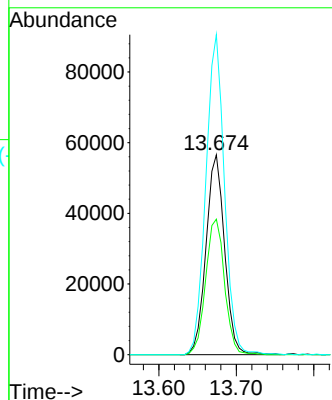
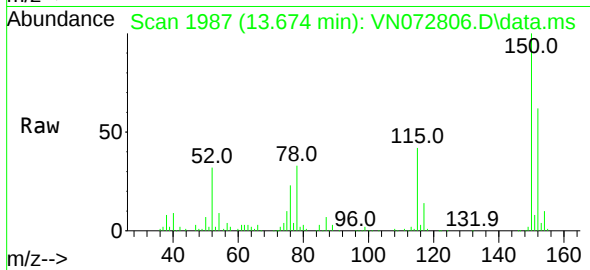




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

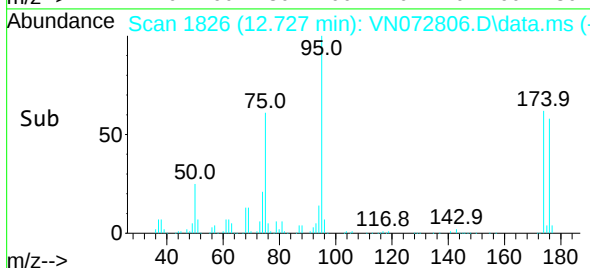
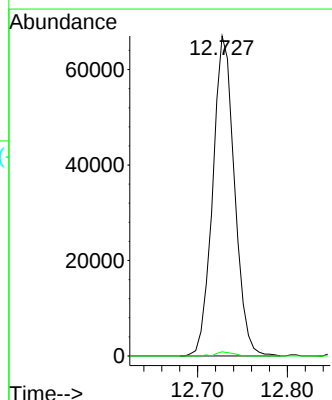
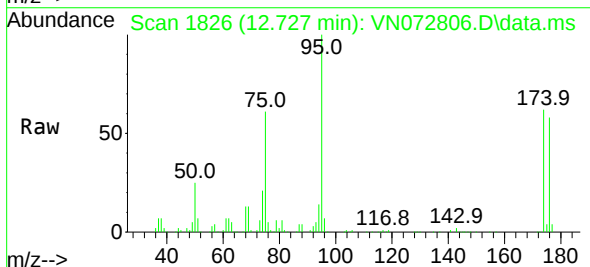
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

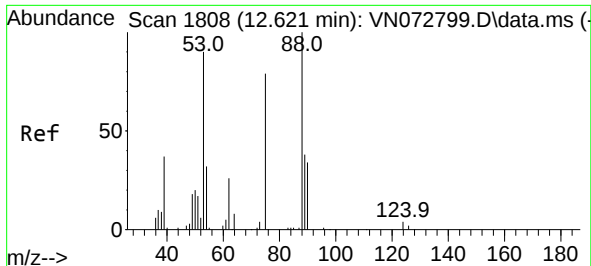
Tgt Ion:152 Resp: 94345
Ion Ratio Lower Upper
152 100
115 68.9 28.9 86.7
150 160.1 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 34.866 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion: 75 Resp: 112899
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

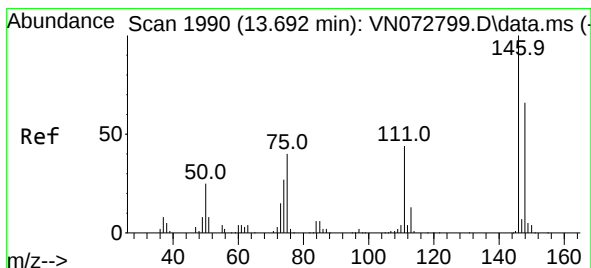
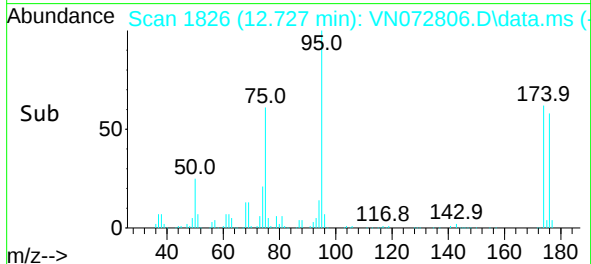
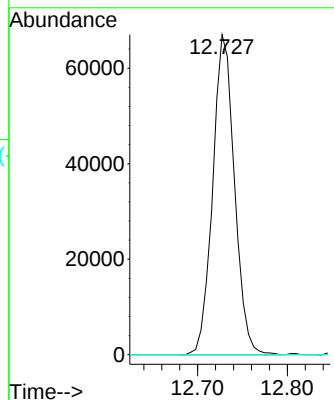
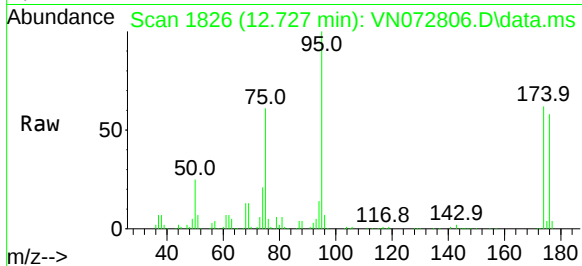




#81
trans-1,4-Dichloro-2-butene
Concen: 106.268 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

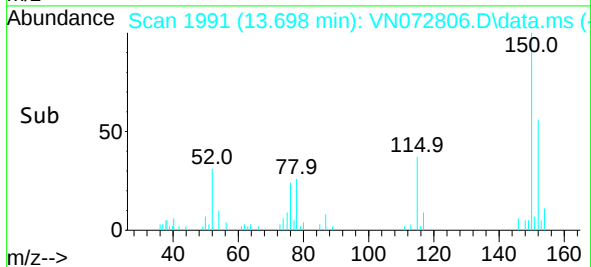
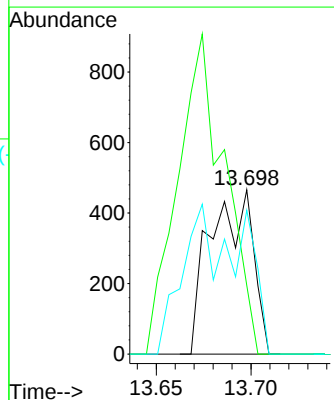
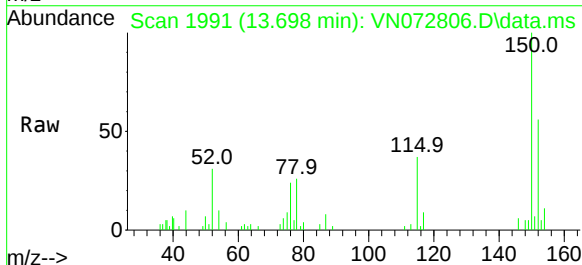
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

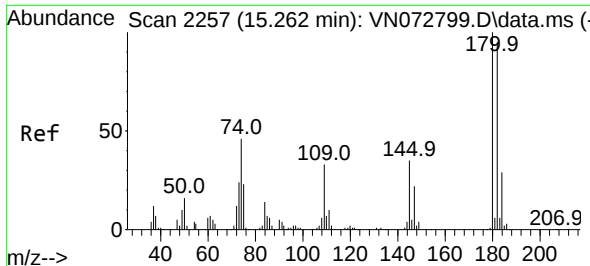
Tgt Ion: 75 Resp: 112899
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

Tgt Ion:146 Resp: 730
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 0.0 31.4 94.3#

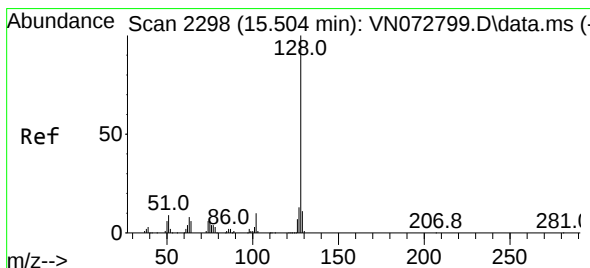
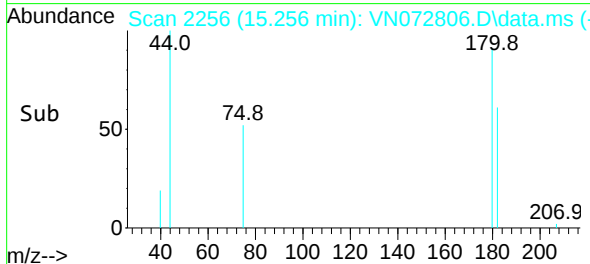
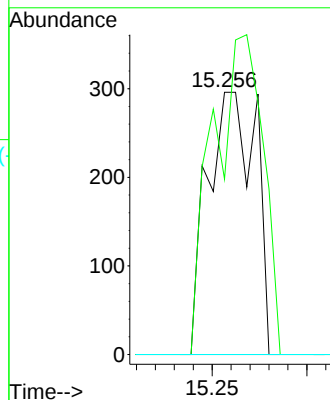
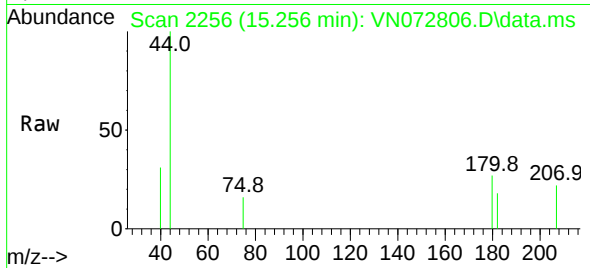




#93
1,2,4-Trichlorobenzene
Concen: 0.350 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

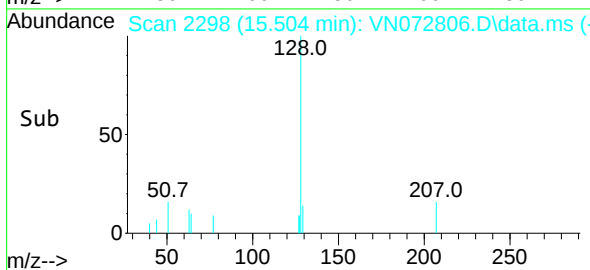
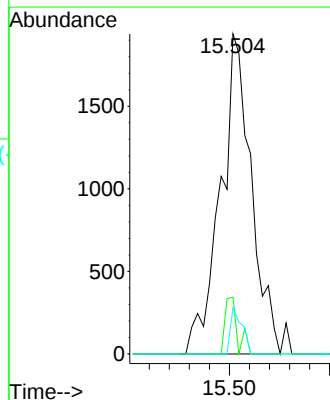
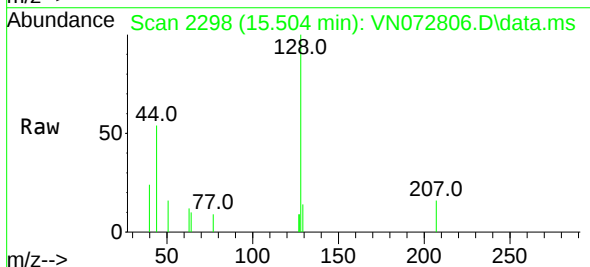
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

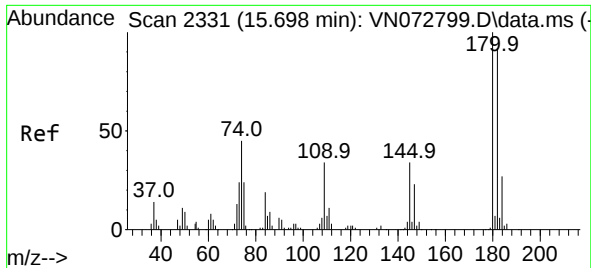
Tgt Ion:180 Resp: 520
Ion Ratio Lower Upper
180 100
182 127.3 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 0.705 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072806.D
Acq: 13 Jun 2022 20:06

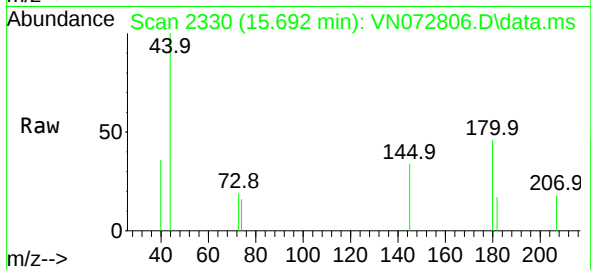
Tgt Ion:128 Resp: 4134
Ion Ratio Lower Upper
128 100
127 7.1 10.3 15.5#
129 5.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.491 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072806.D
 Acq: 13 Jun 2022 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBL01



Tgt Ion:180 Resp: 759
 Ion Ratio Lower Upper
 180 100
 182 104.7 47.8 143.3
 145 49.4 15.5 46.5#

