

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072972.D
 Acq On : 21 Jun 2022 10:19
 Operator : JC\MD
 Sample : VN0621WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

Quant Time: Jun 22 06:58:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

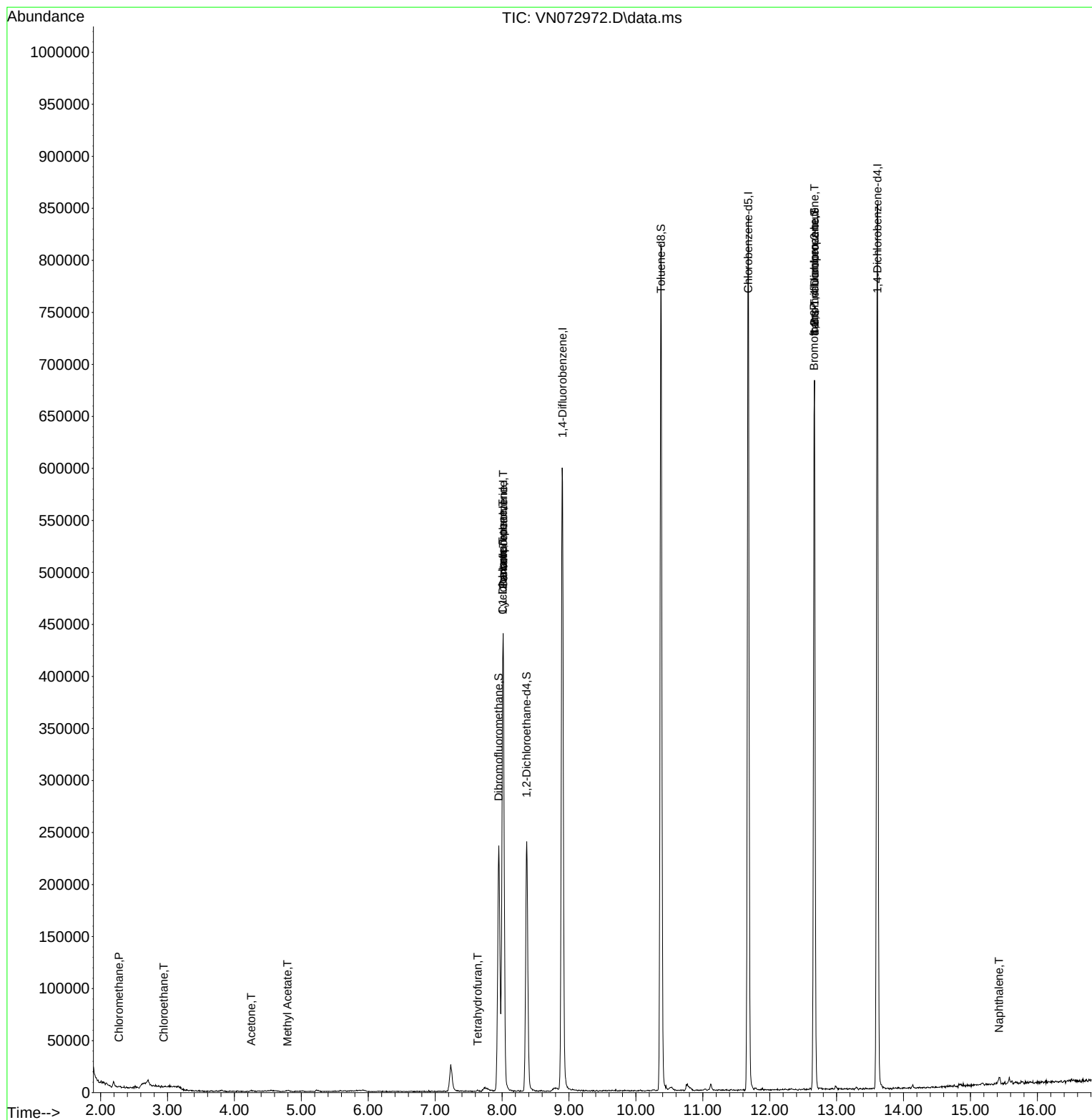
Internal Standards						
1) Pentafluorobenzene	8.016	168	338709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	547298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	485520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	228835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199850	43.642	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.280%		
35) Dibromofluoromethane	7.951	113	173500	51.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	10.374	98	555497	44.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.260%		
62) 4-Bromofluorobenzene	12.668	95	238728	52.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.480%		
Target Compounds			Qvalue			
3) Chloromethane	2.275	50	516	0.716	ug/l	93
6) Chloroethane	2.945	64	607	0.335	ug/l #	42
16) Acetone	4.251	43	1526	0.606	ug/l #	87
18) Methyl Acetate	4.792	43	1538	0.229	ug/l #	87
20) Methylene Chloride	5.033	84	583	Below Cal	#	39
26) 2,2-Dichloropropane	7.233	77	1469	Below Cal	#	53
29) Tetrahydrofuran	7.633	42	594	0.225	ug/l #	38
31) Cyclohexane	8.010	56	7396	1.194	ug/l #	21
36) 1,1-Dichloropropene	8.010	75	27577	6.025	ug/l #	50
38) Carbon Tetrachloride	8.016	117	34630	7.193	ug/l #	17
71) Bromoform	12.662	173	1198	0.440	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	121788	21.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	121788	59.283	ug/l #	10
95) Naphthalene	15.427	128	6664	0.377	ug/l #	96

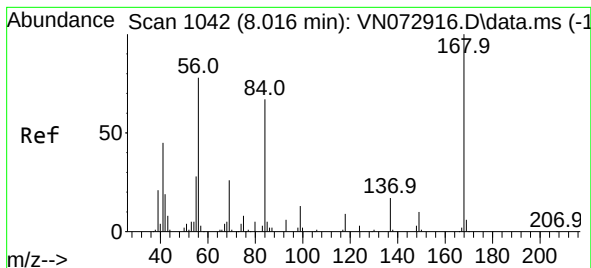
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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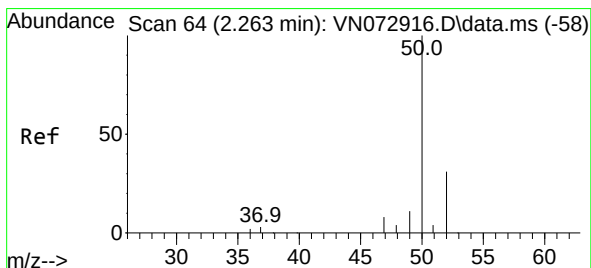
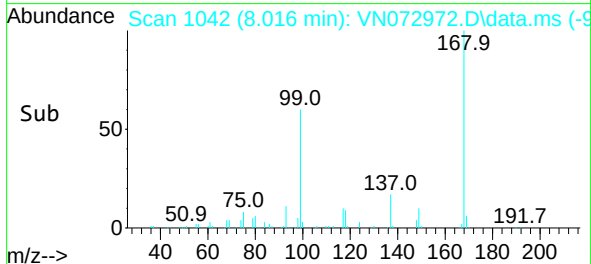
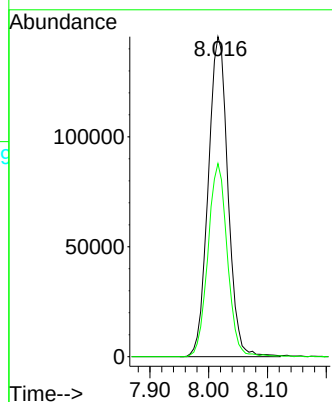
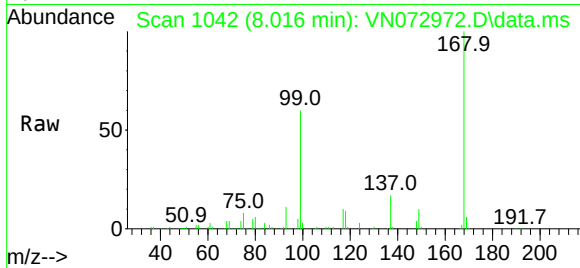




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

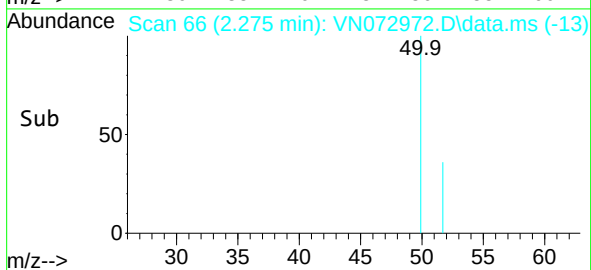
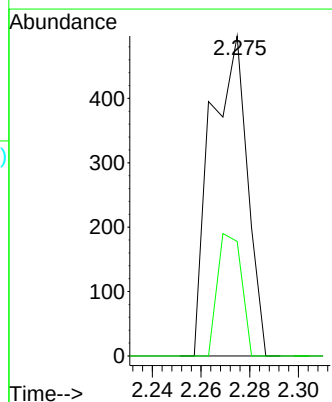
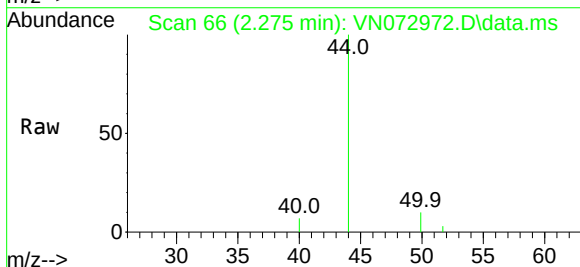
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

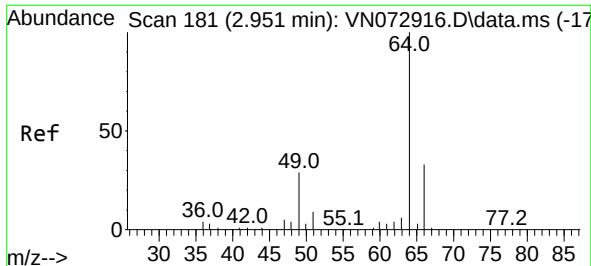
Tgt Ion:168 Resp: 338709
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#3
Chloromethane
Concen: 0.716 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 35.8 25.7 38.5

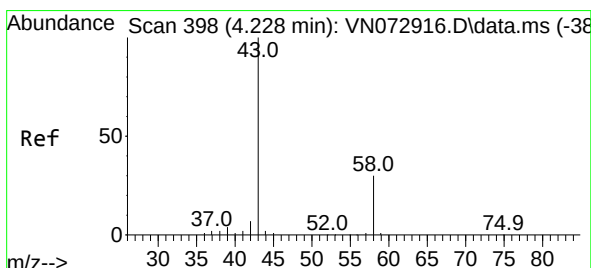
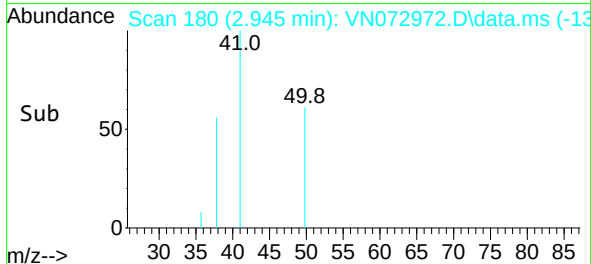
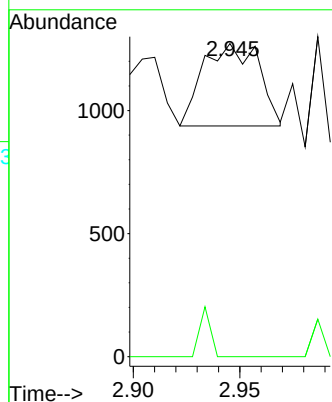
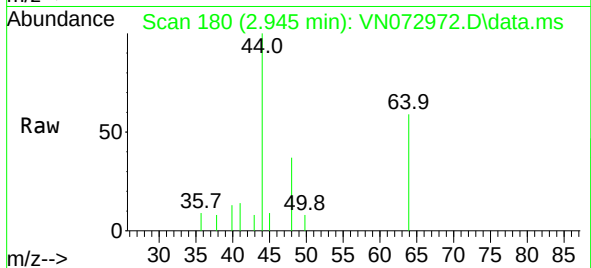




#6
Chloroethane
Concen: 0.335 ug/l
RT: 2.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

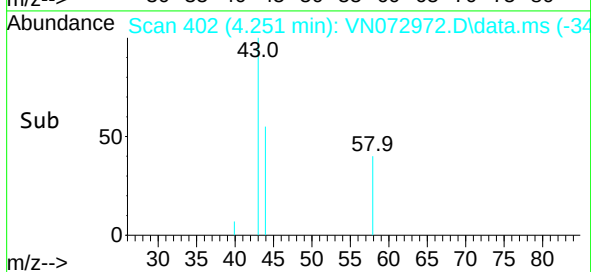
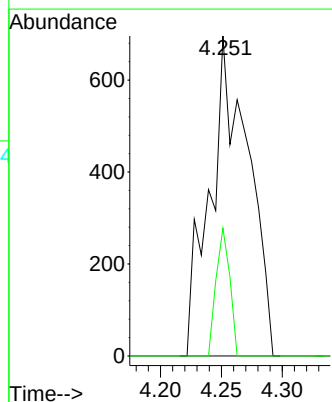
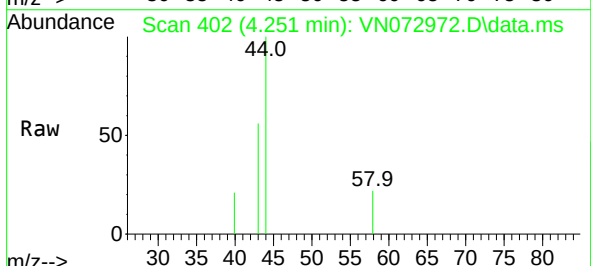
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

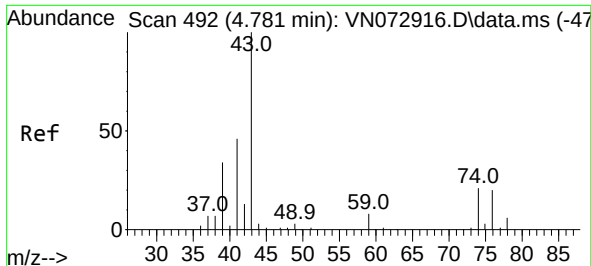
Tgt Ion: 64 Resp: 607
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.606 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.023 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 39.9 26.0 39.0#

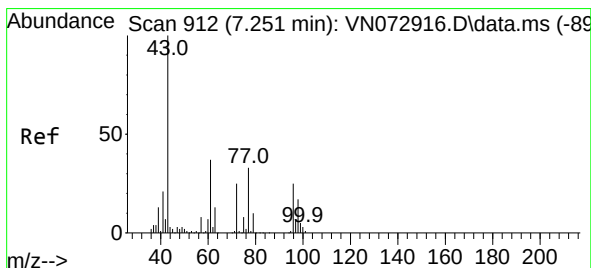
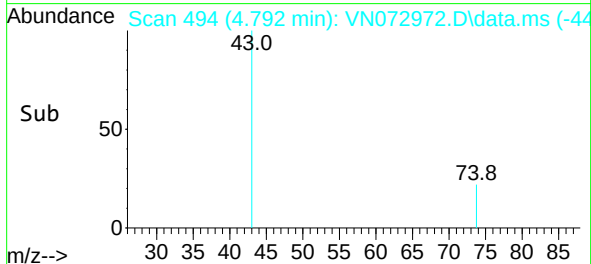
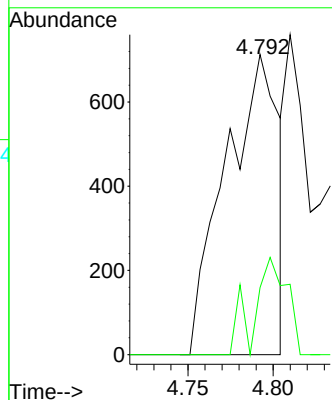
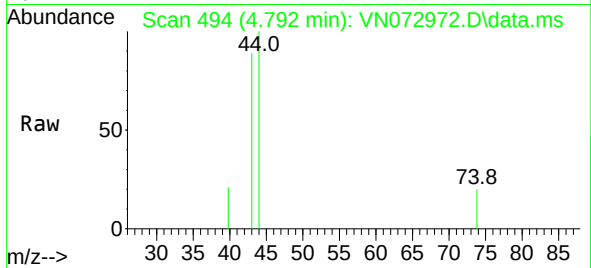




#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

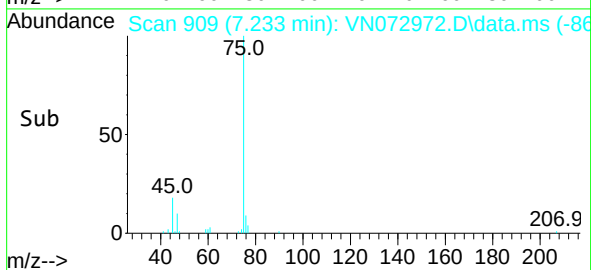
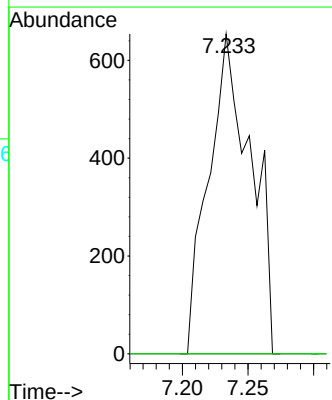
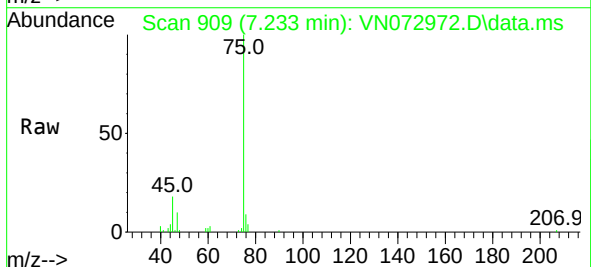
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

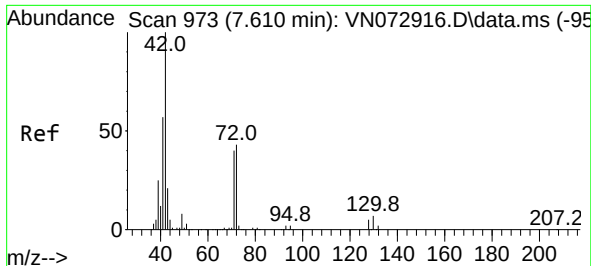
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
74 20.4 21.6 32.4#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.233 min Scan# 909
Delta R.T. -0.018 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 77 Resp: 1469
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 7.633 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072972.D

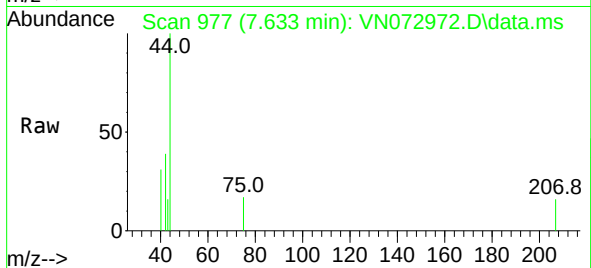
Acq: 21 Jun 2022 10:19

Instrument :

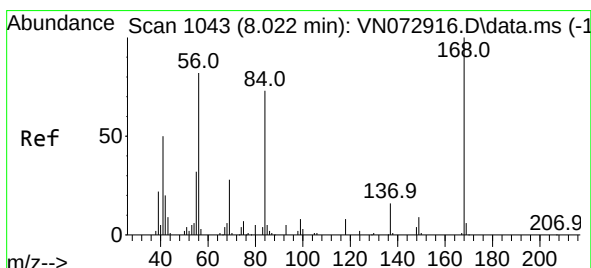
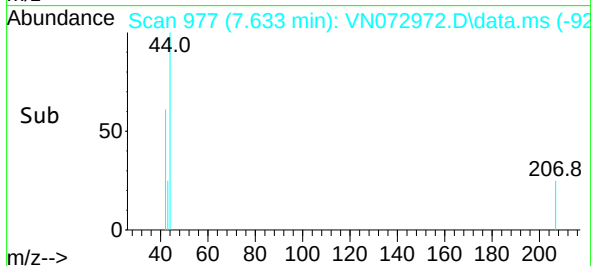
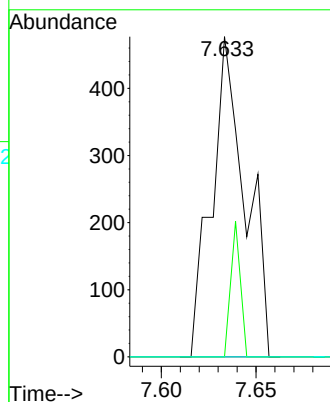
MSVOA_N

ClientSampleId :

VN0621WBL01



Tgt Ion:	42	Resp:	594
Ion	Ratio	Lower	Upper
42	100		
72	12.0	39.7	59.5#
71	0.0	36.6	55.0#



#31

Cyclohexane

Concen: 1.194 ug/l

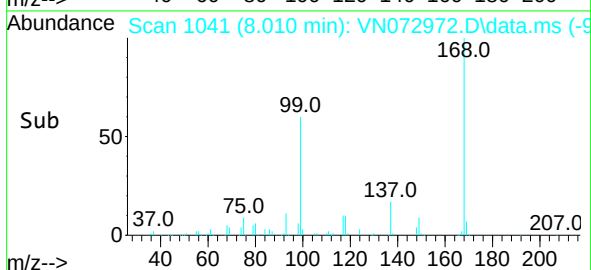
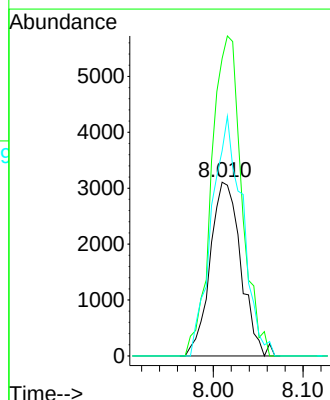
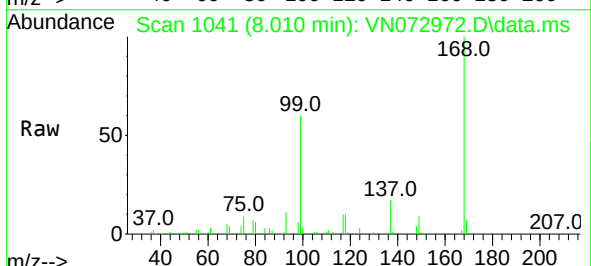
RT: 8.010 min Scan# 1041

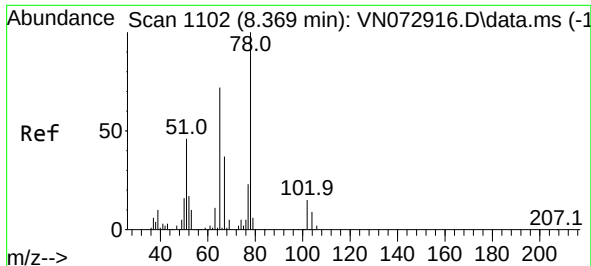
Delta R.T. -0.012 min

Lab File: VN072972.D

Acq: 21 Jun 2022 10:19

Tgt Ion:	56	Resp:	7396
Ion	Ratio	Lower	Upper
56	100		
69	171.2	27.8	41.8#
84	118.1	76.9	115.3#

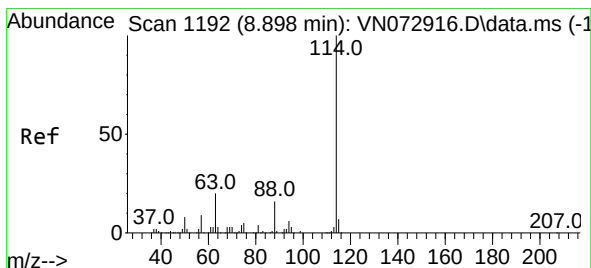
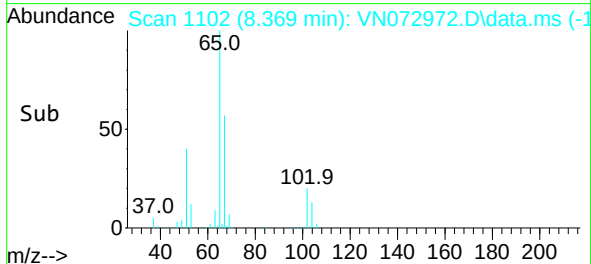
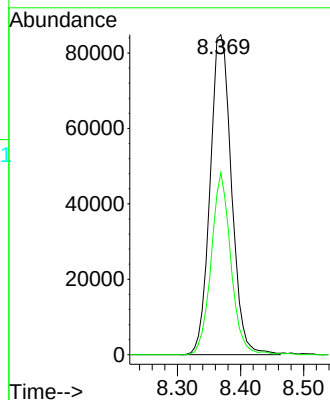
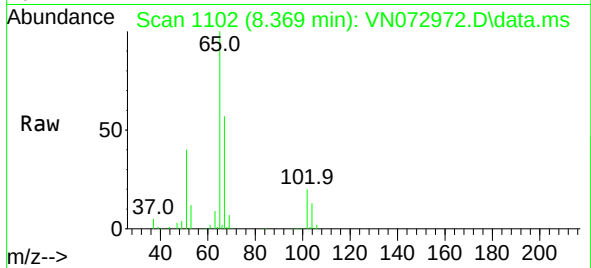




#33
 1,2-Dichloroethane-d4
 Concen: 43.642 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN072972.D
 Acq: 21 Jun 2022 10:19

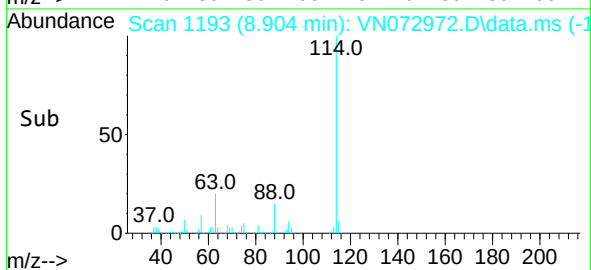
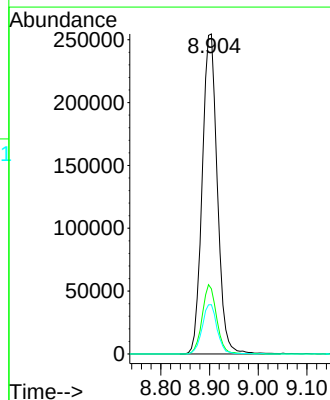
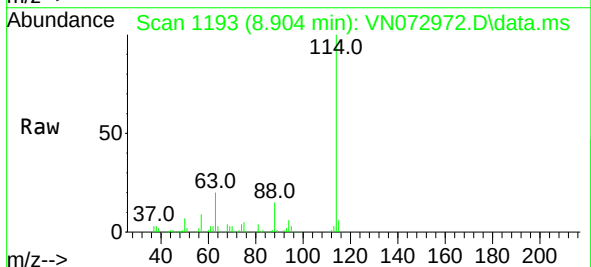
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

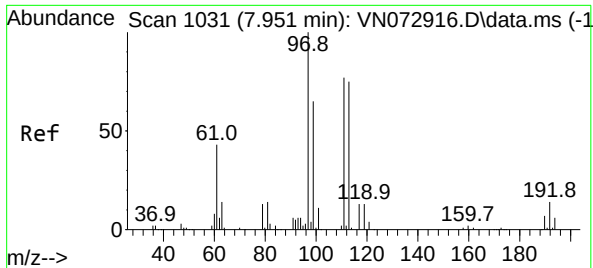
Tgt Ion: 65 Resp: 199850
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN072972.D
 Acq: 21 Jun 2022 10:19

Tgt Ion: 114 Resp: 547298
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.4 0.0 32.6

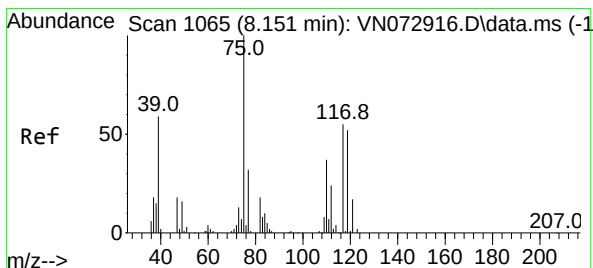
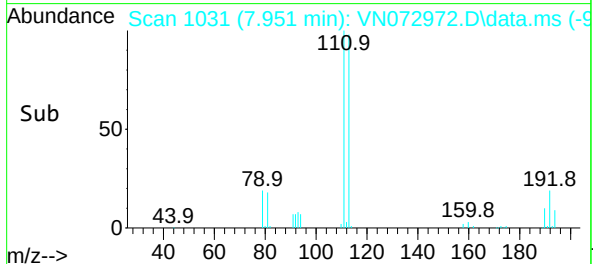
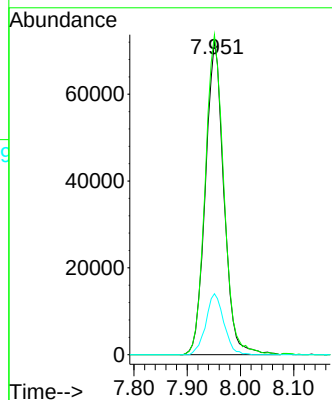
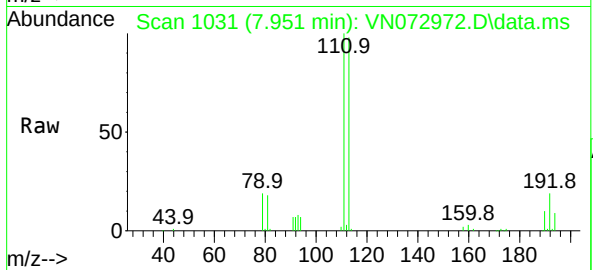




#35
Dibromofluoromethane
Concen: 51.289 ug/l
RT: 7.951 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

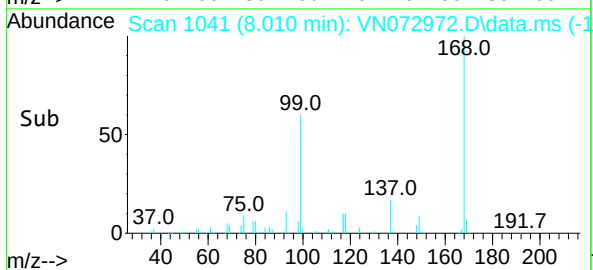
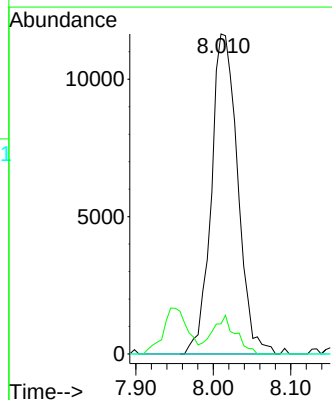
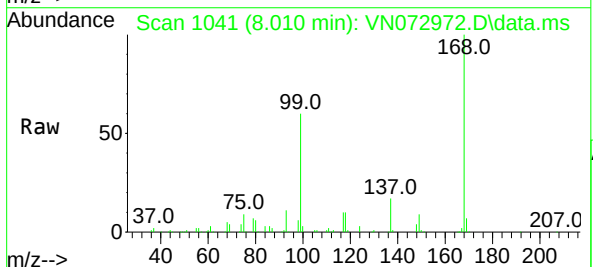
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

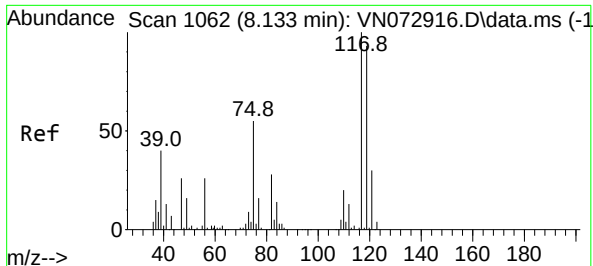
Tgt Ion:113 Resp: 173500
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 19.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.025 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 75 Resp: 27577
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 25.1 37.7#

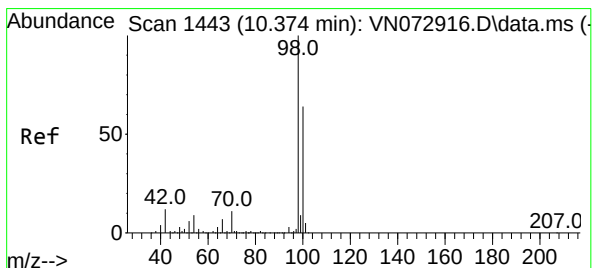
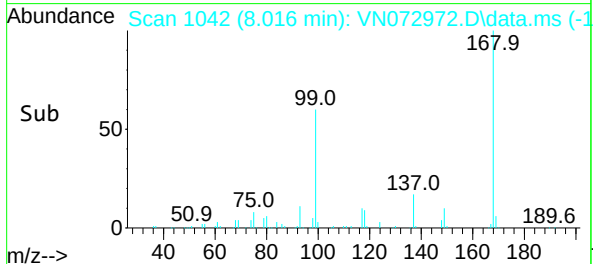
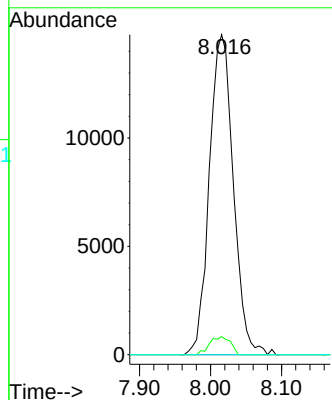
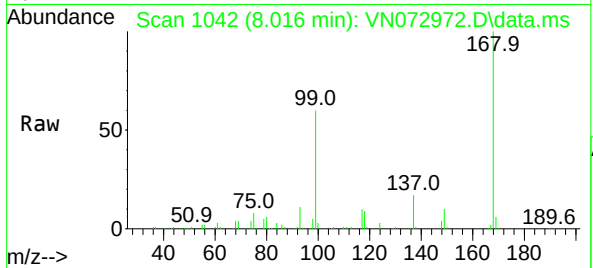




#38
Carbon Tetrachloride
Concen: 7.193 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

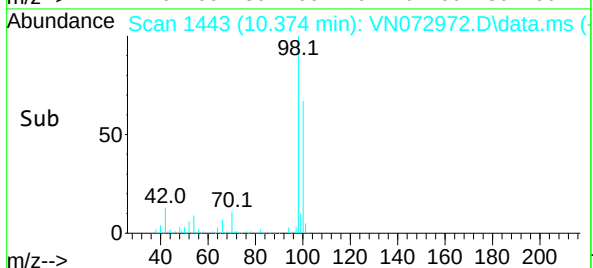
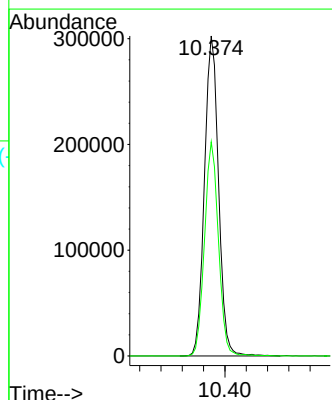
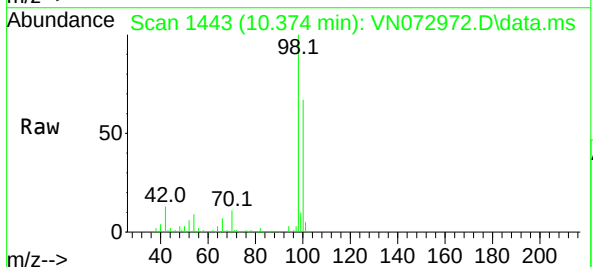
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

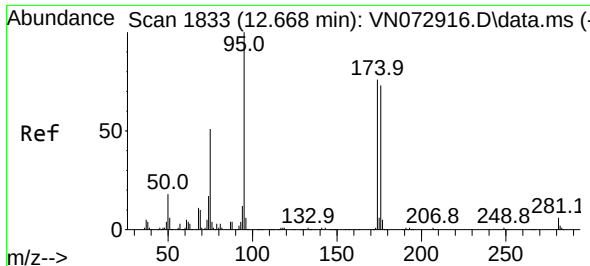
Tgt Ion:117 Resp: 34630
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.131 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 98 Resp: 555497
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

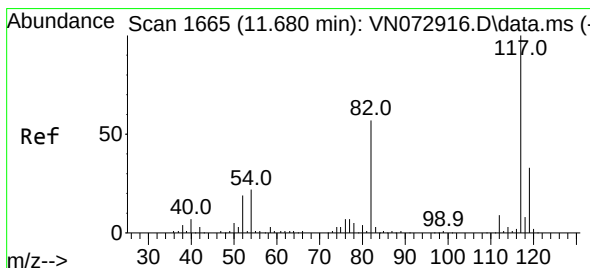
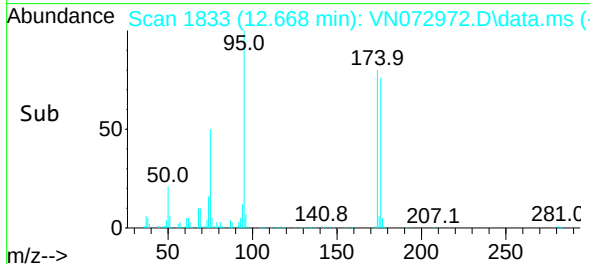
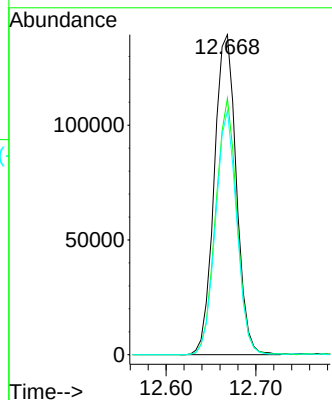
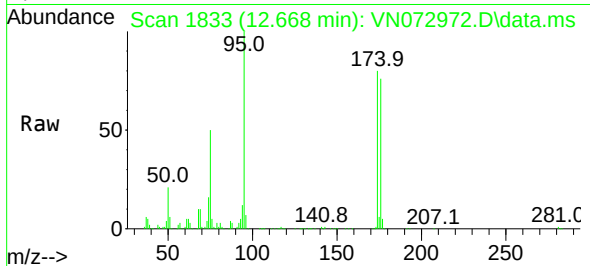




#62
4-Bromofluorobenzene
Concen: 52.743 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

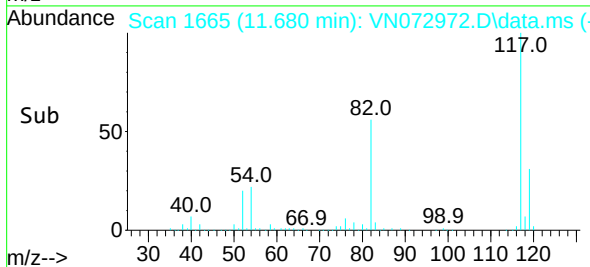
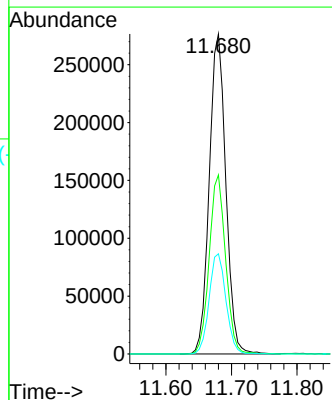
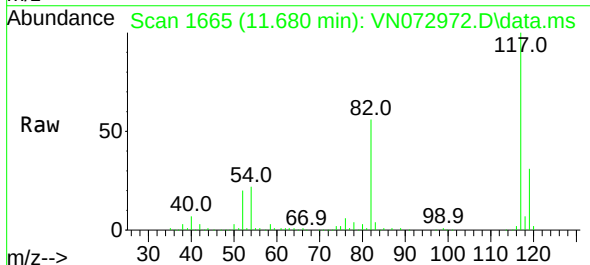
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

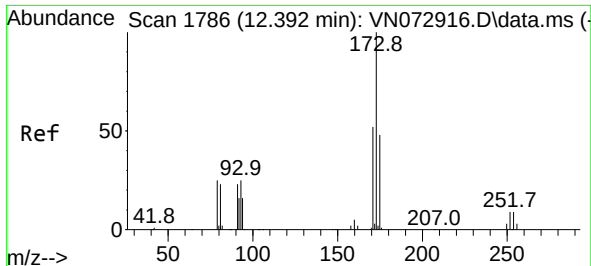
Tgt Ion: 95 Resp: 238728
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 73.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion: 117 Resp: 485520
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.3 25.4 38.0

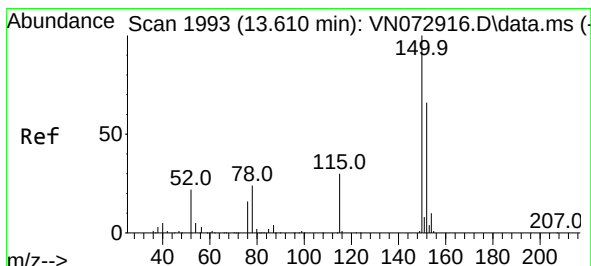
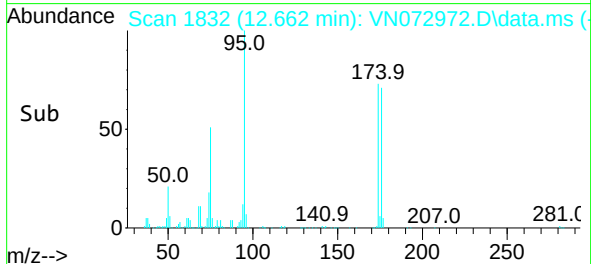
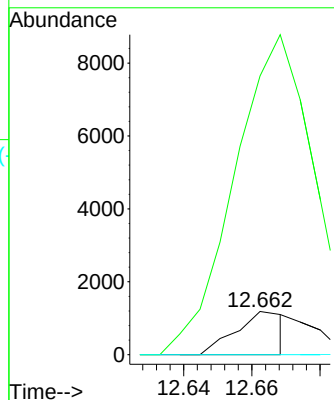
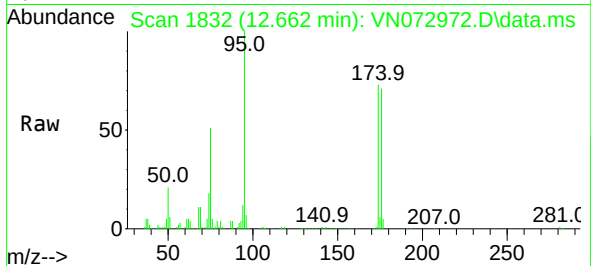




#71
Bromoform
Concen: 0.440 ug/l
RT: 12.662 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

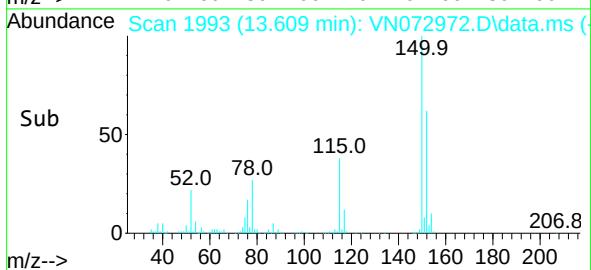
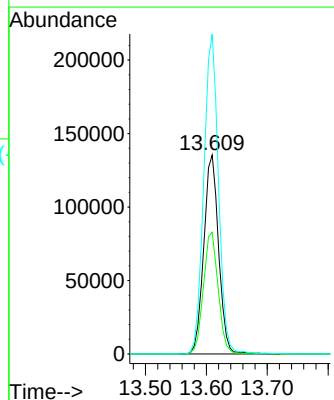
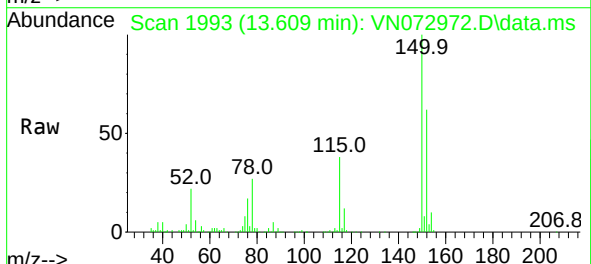
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

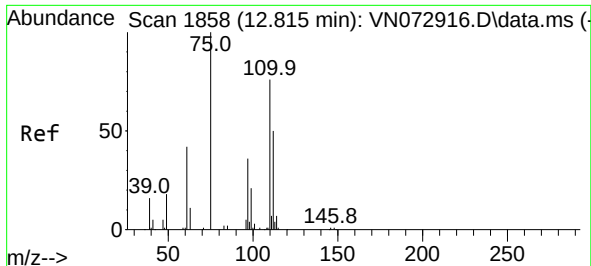
Tgt Ion:173 Resp: 1198
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Tgt Ion:152 Resp: 228835
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 159.2 0.0 356.2

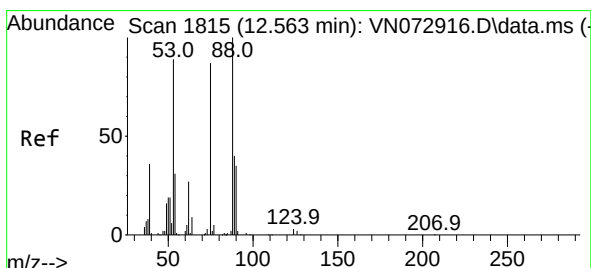
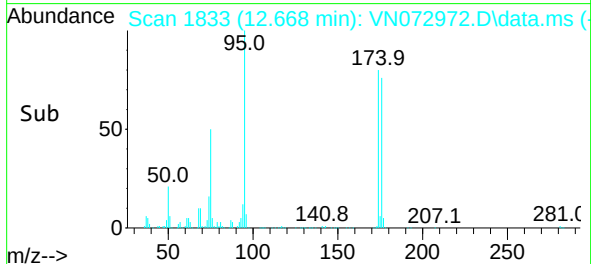
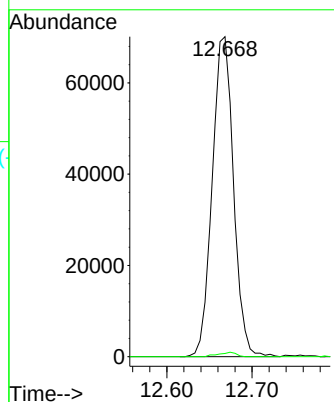
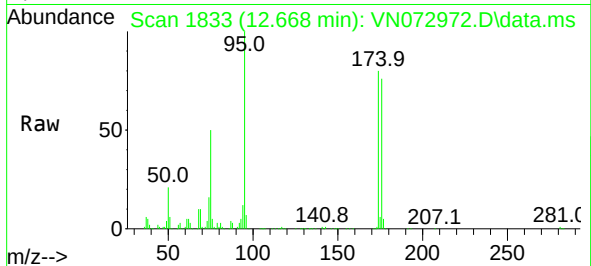




#76
1,2,3-Trichloropropane
Concen: 21.951 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

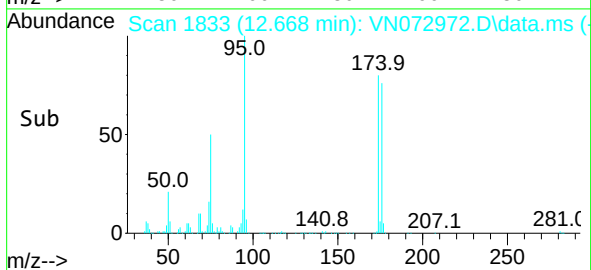
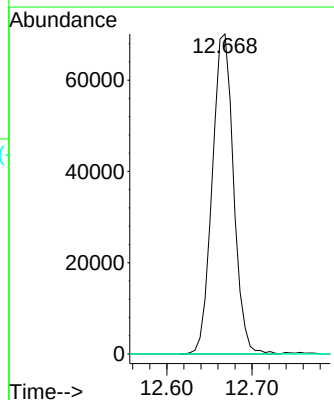
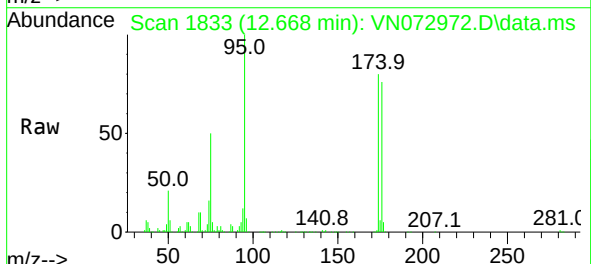
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

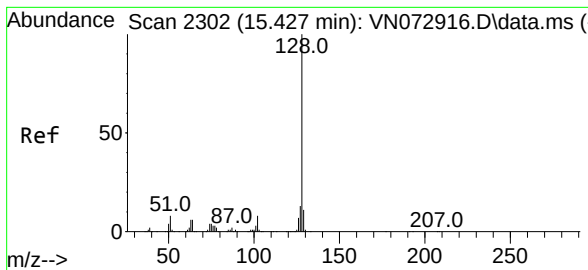
Tgt Ion: 75 Resp: 121788
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.283 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

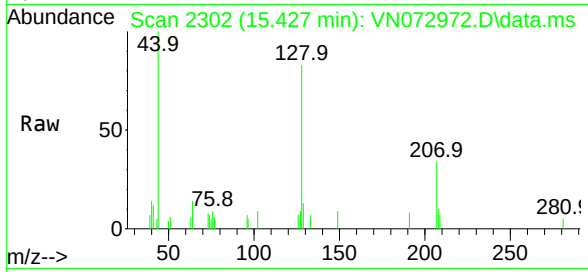
Tgt Ion: 75 Resp: 121788
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.377 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072972.D
Acq: 21 Jun 2022 10:19

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01



Tgt Ion:	128	Resp:	6664
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	13.3	8.6	13.0

