

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072981.D
 Acq On : 21 Jun 2022 14:18
 Operator : JC\MD
 Sample : N3370-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-06-15

Quant Time: Jun 22 07:00:30 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)

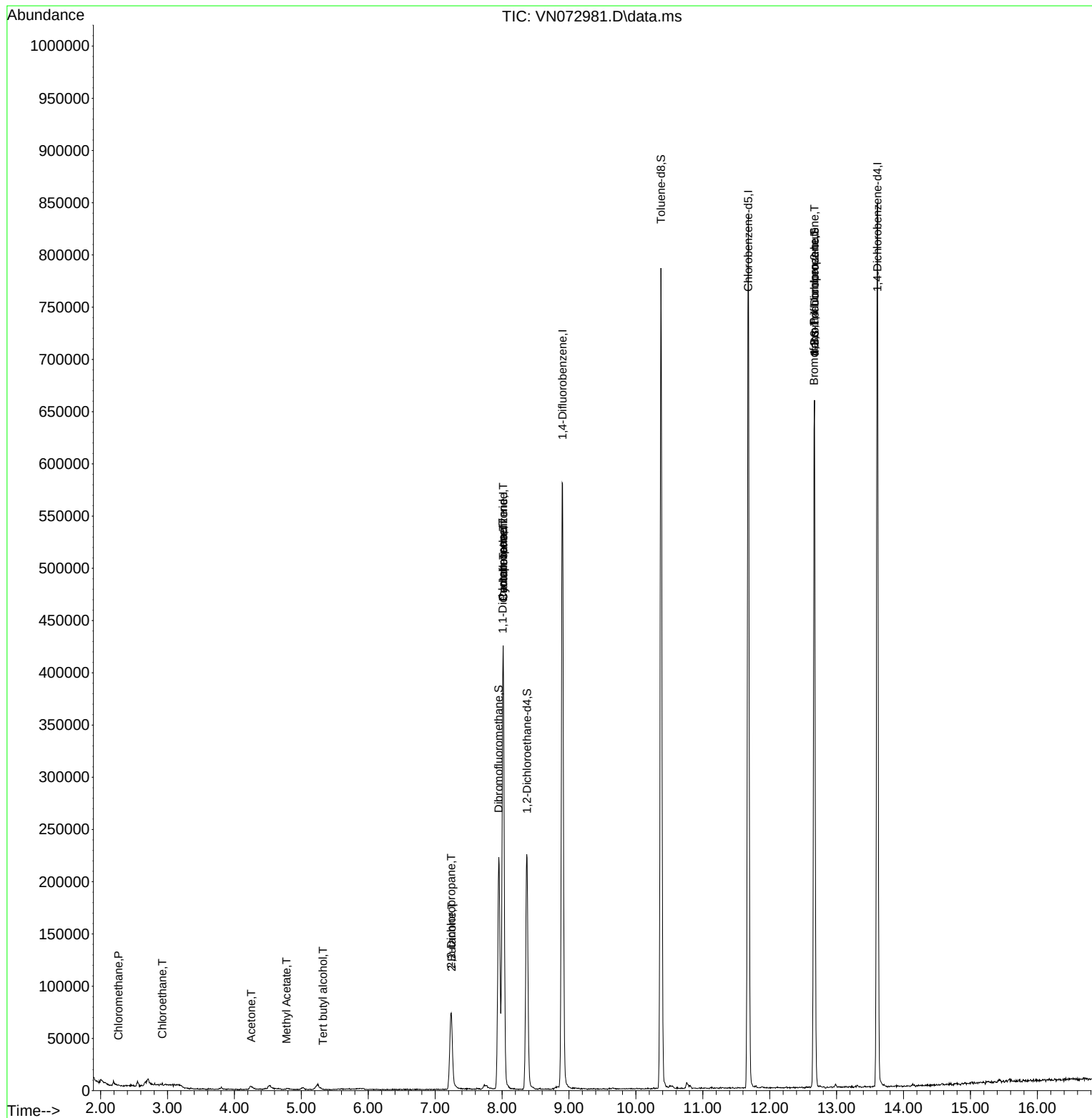
Internal Standards						
1) Pentafluorobenzene	8.016	168	325071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	469206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	223474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	191912	43.667	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.340%
35) Dibromofluoromethane	7.951	113	164965	50.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	10.374	98	538733	44.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.040%
62) 4-Bromofluorobenzene	12.668	95	232654	53.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	592	0.745	ug/l #	43
6) Chloroethane	2.922	64	446	0.257	ug/l	99
11) Tert butyl alcohol	5.322	59	642	0.566	ug/l #	72
16) Acetone	4.251	43	6607	2.735	ug/l #	79
18) Methyl Acetate	4.781	43	1358	0.211	ug/l #	65
20) Methylene Chloride	5.004	84	662	Below Cal	#	52
25) 2-Butanone	7.245	43	4178	1.090	ug/l #	78
26) 2,2-Dichloropropane	7.239	77	5125	0.376	ug/l #	53
31) Cyclohexane	8.016	56	7517	1.264	ug/l #	31
36) 1,1-Dichloropropene	8.010	75	26125	5.937	ug/l #	50
38) Carbon Tetrachloride	8.016	117	32917	7.112	ug/l #	16
71) Bromoform	12.663	173	1255	0.477	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	121066	22.345	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	121066	60.345	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65	Below Cal	#	1

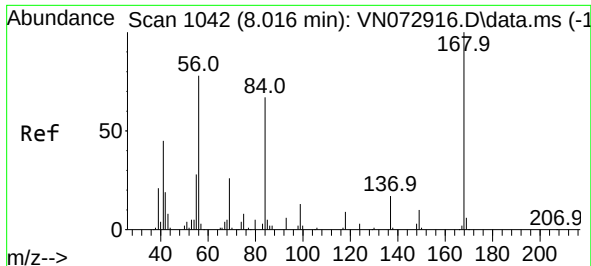
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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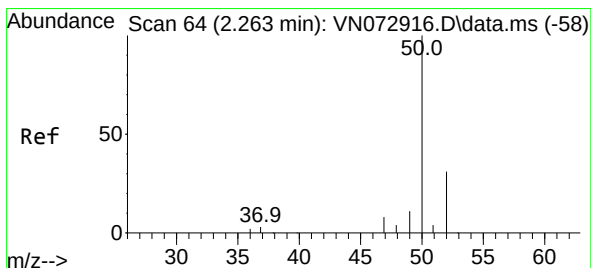
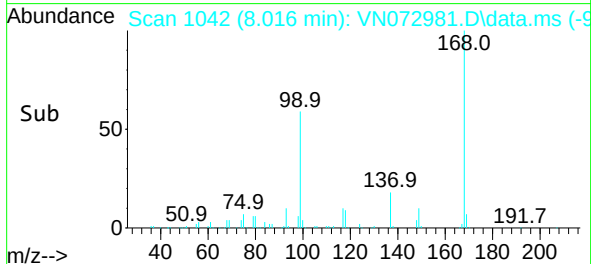
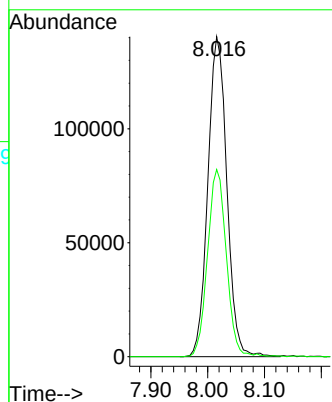
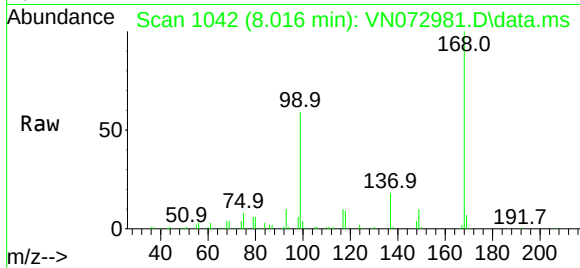




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

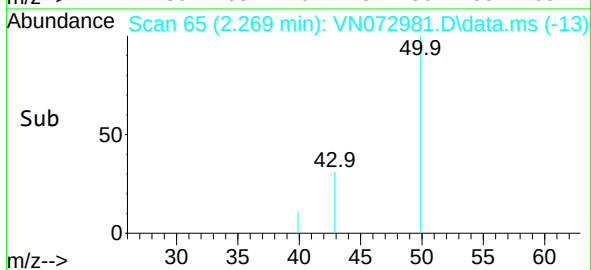
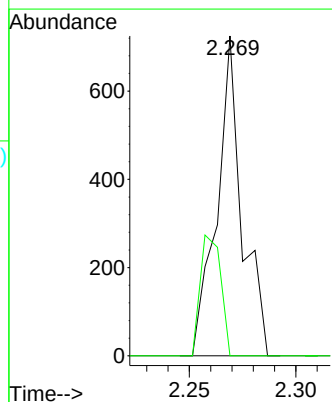
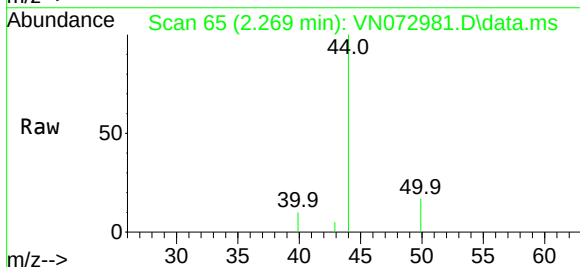
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-15

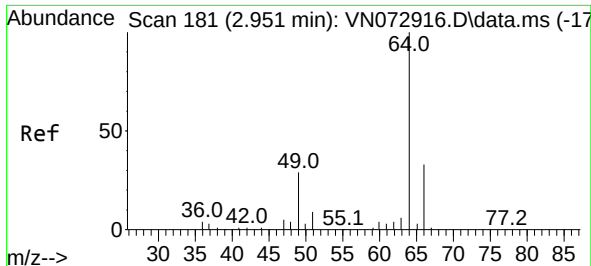
Tgt Ion:168 Resp: 325071
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#3
Chloromethane
Concen: 0.745 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

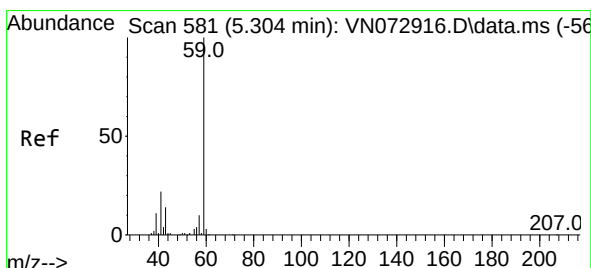
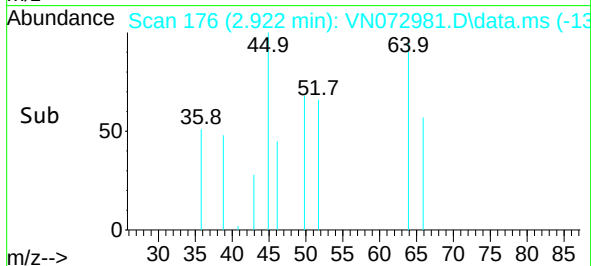
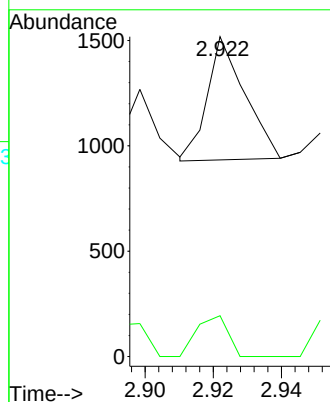
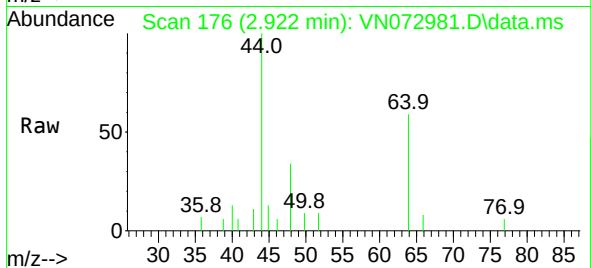




#6
Chloroethane
Concen: 0.257 ug/l
RT: 2.922 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

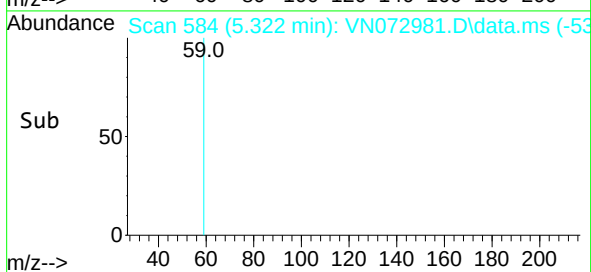
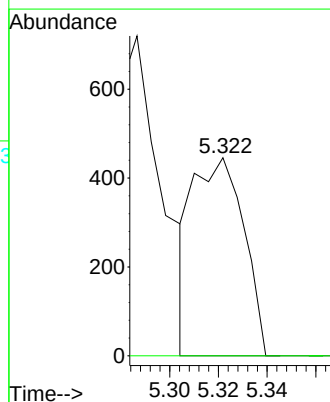
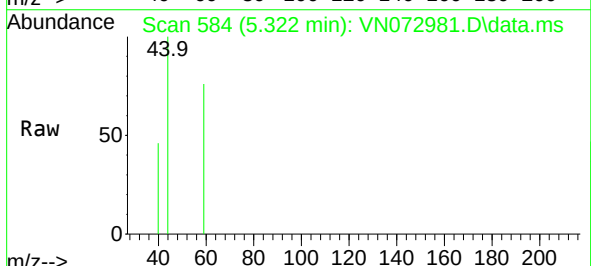
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-15

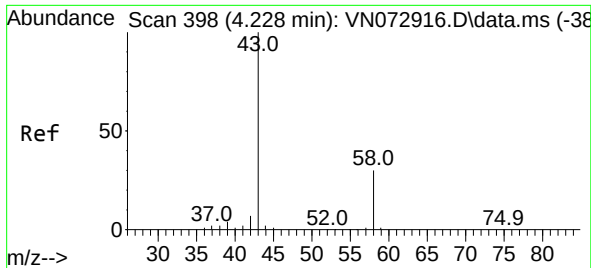
Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4



#11
Tert butyl alcohol
Concen: 0.566 ug/l
RT: 5.322 min Scan# 584
Delta R.T. 0.018 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 59 Resp: 642
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.735 ug/l

RT: 4.251 min Scan# 402

Delta R.T. 0.023 min

Lab File: VN072981.D

Acq: 21 Jun 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

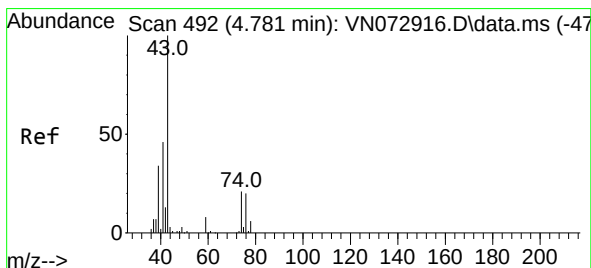
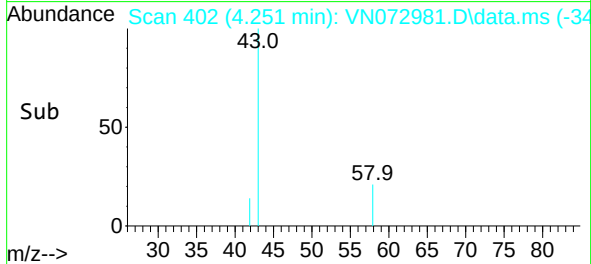
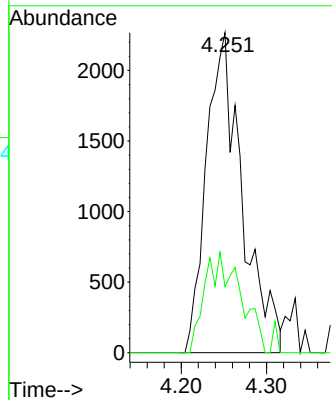
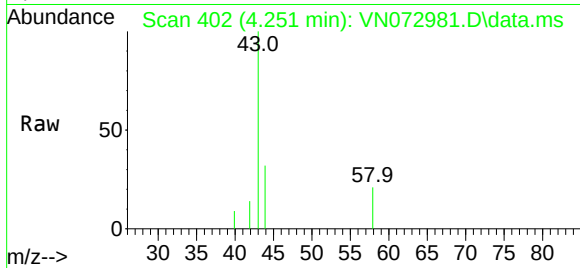
EB-2022-06-15

Tgt Ion: 43 Resp: 6607

Ion Ratio Lower Upper

43 100

58 20.6 26.0 39.0#



#18

Methyl Acetate

Concen: 0.211 ug/l

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN072981.D

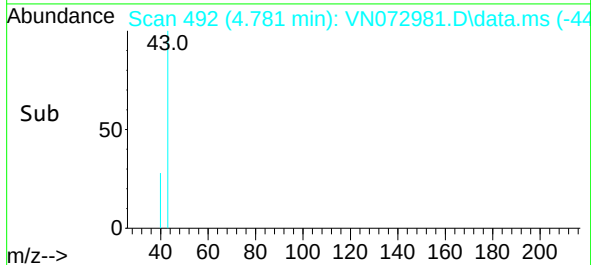
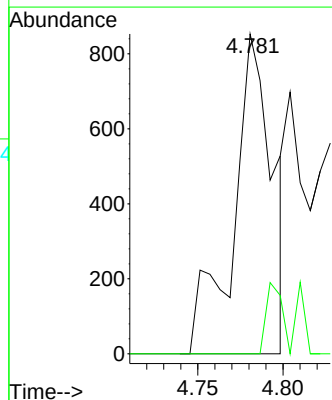
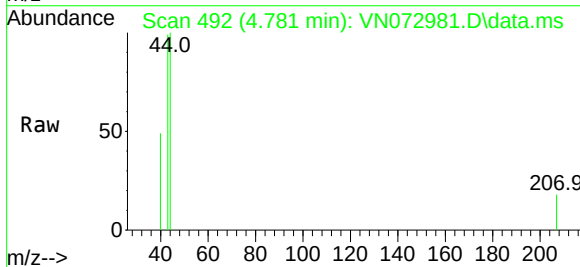
Acq: 21 Jun 2022 14:18

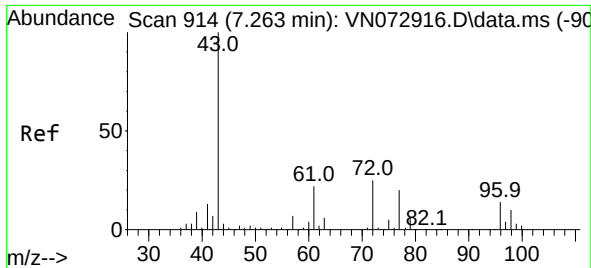
Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

74 9.0 21.6 32.4#

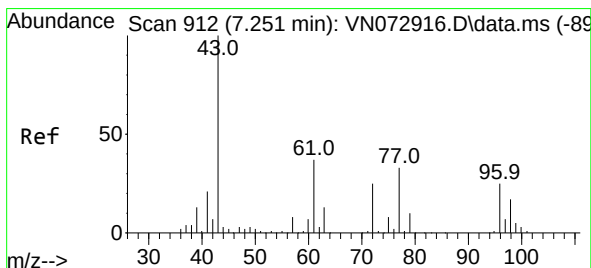
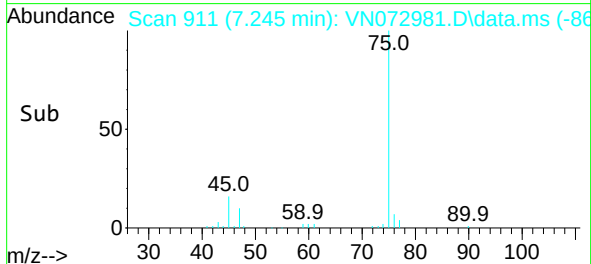
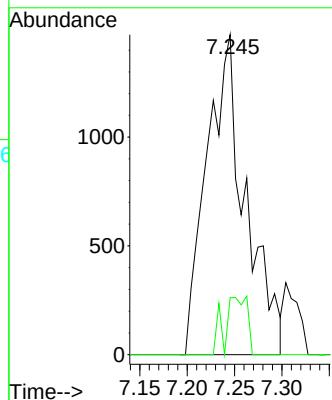
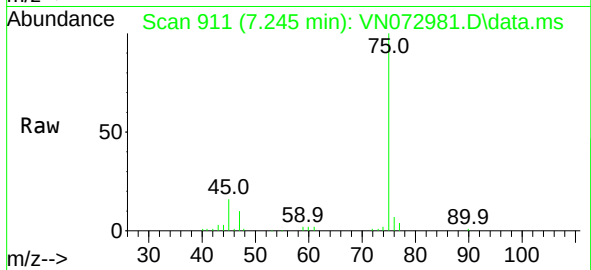




#25
2-Butanone
Concen: 1.090 ug/l
RT: 7.245 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

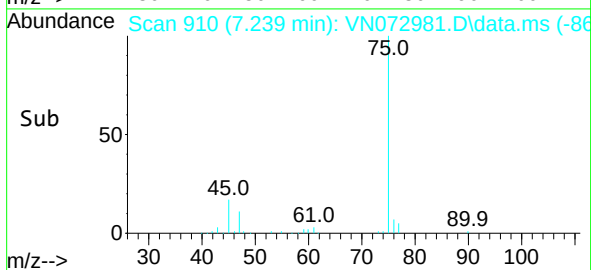
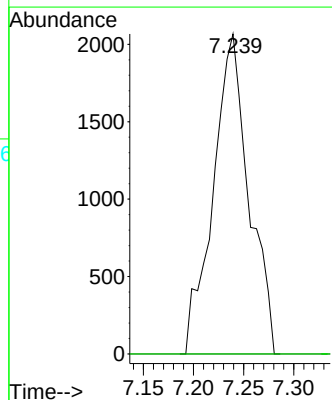
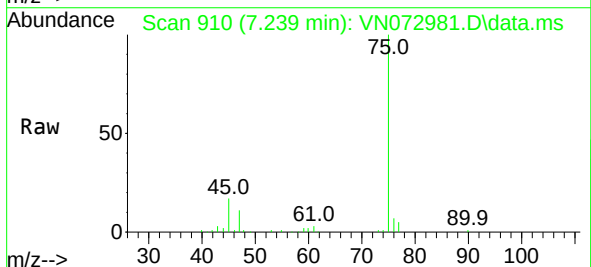
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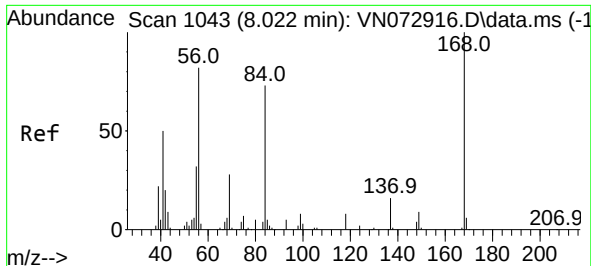
Tgt Ion: 43 Resp: 4178
Ion Ratio Lower Upper
43 100
72 17.8 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.376 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 77 Resp: 5125
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

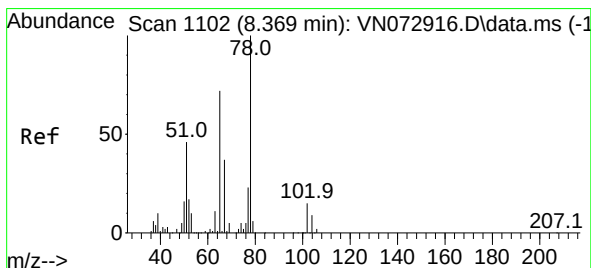
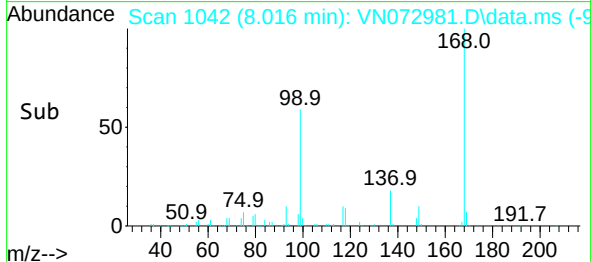
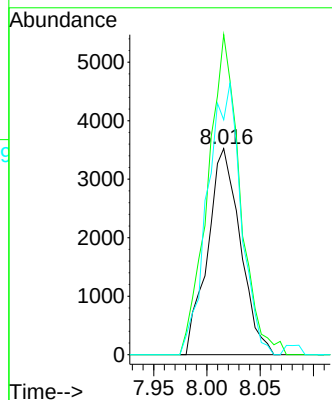
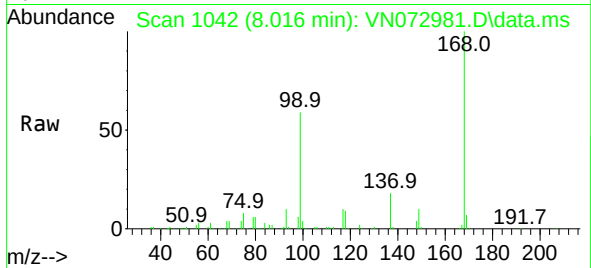




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

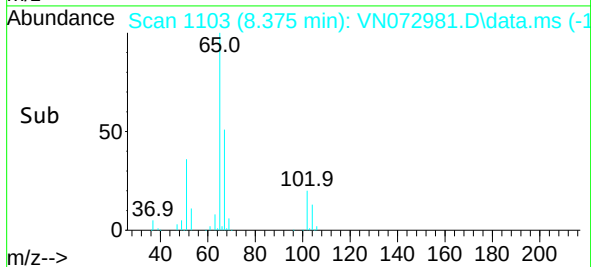
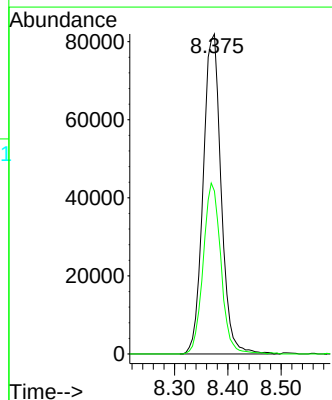
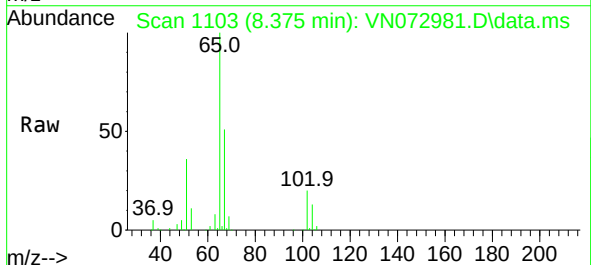
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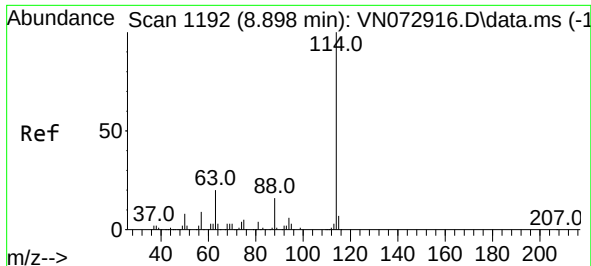
Tgt Ion: 56 Resp: 7517
Ion Ratio Lower Upper
56 100
69 155.2 27.8 41.8#
84 114.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.667 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 65 Resp: 191912
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

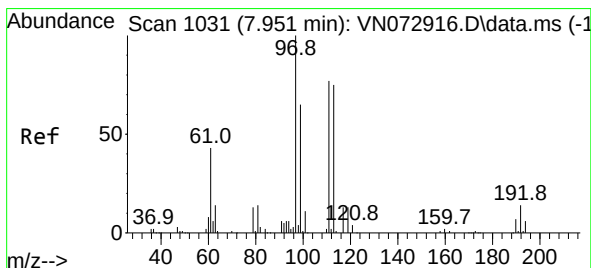
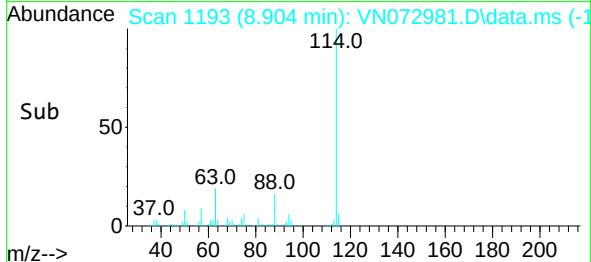
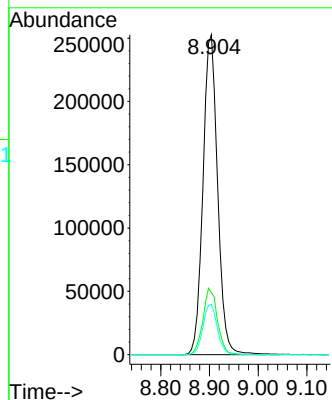
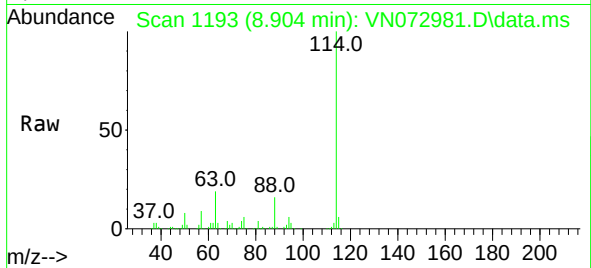




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

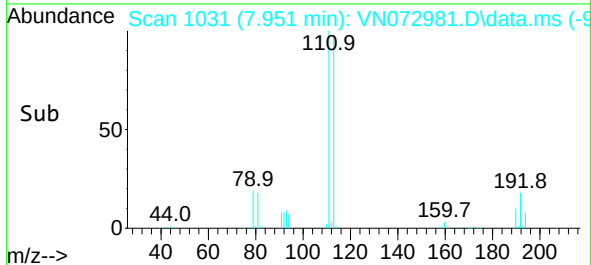
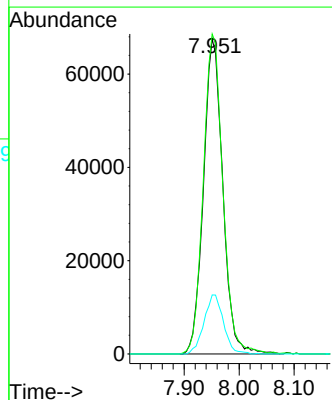
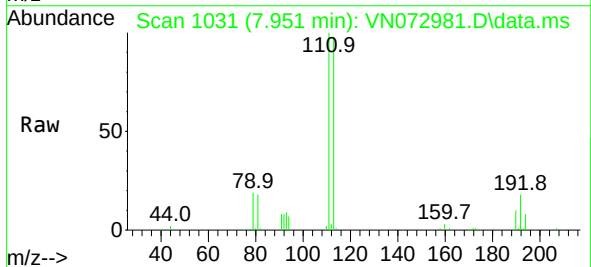
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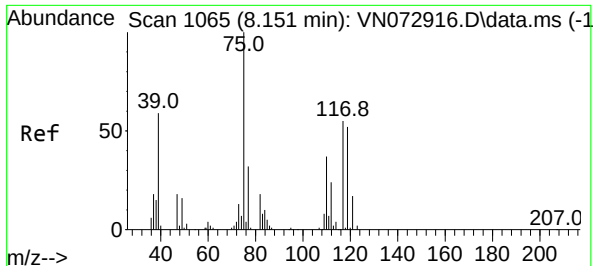
Tgt Ion:114 Resp: 526153
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.726 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion:113 Resp: 164965
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.8 17.0 25.6

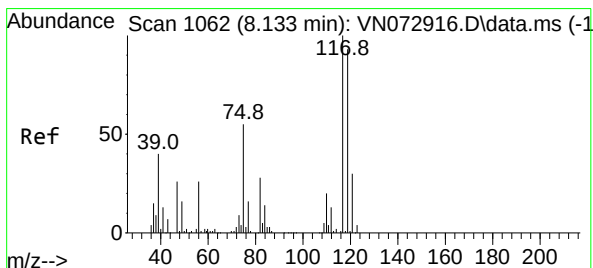
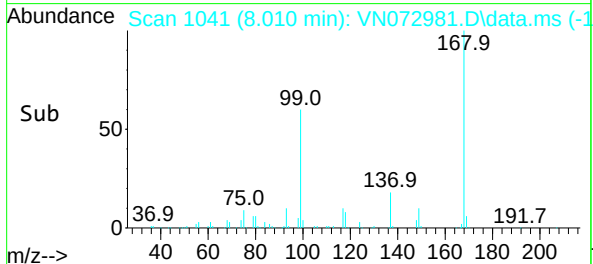
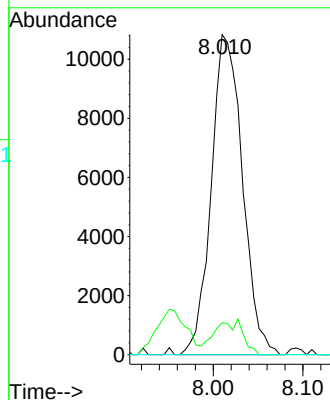
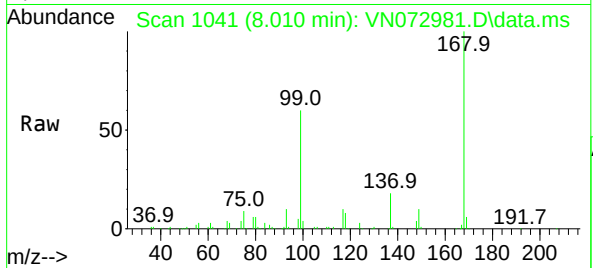




#36
1,1-Dichloropropene
Concen: 5.937 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

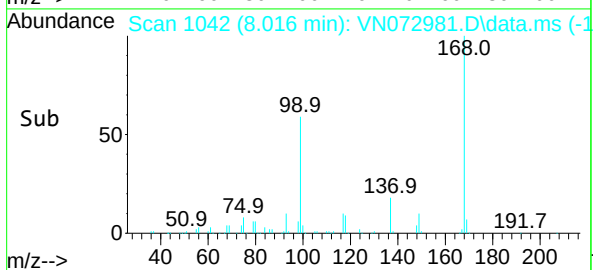
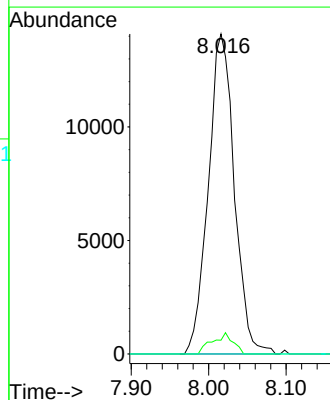
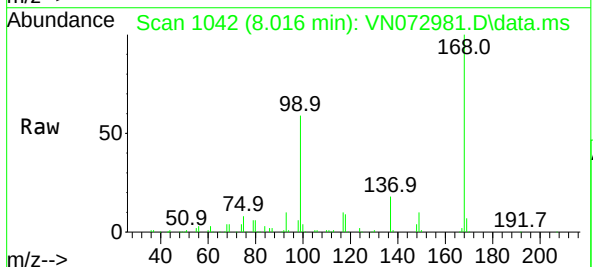
Instrument :
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ClientSampleId :
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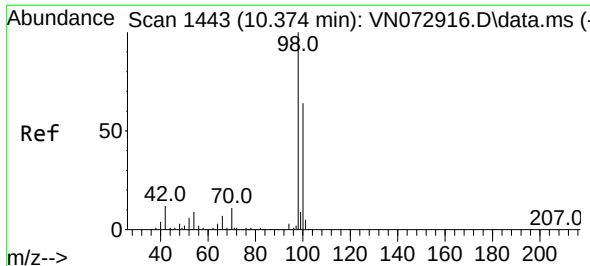
Tgt Ion: 75 Resp: 26125
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.112 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 117 Resp: 32917
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#

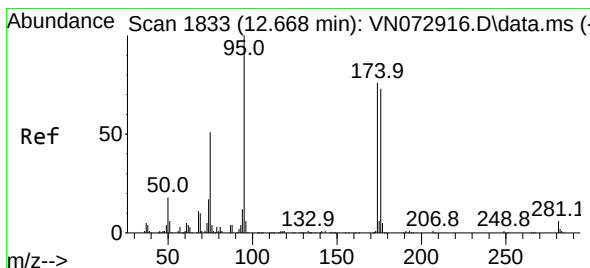
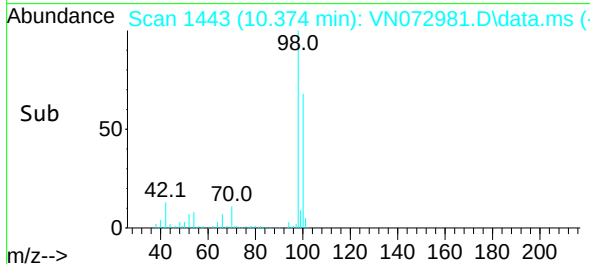
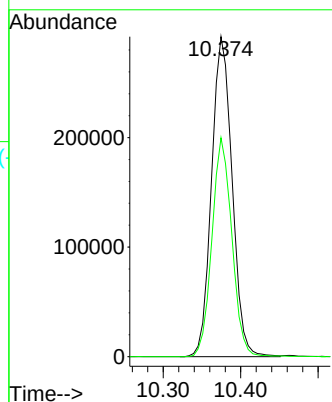
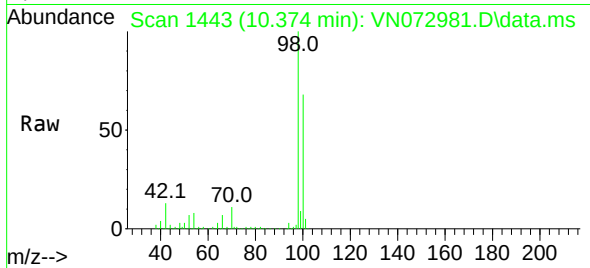




#50
Toluene-d8
Concen: 44.519 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

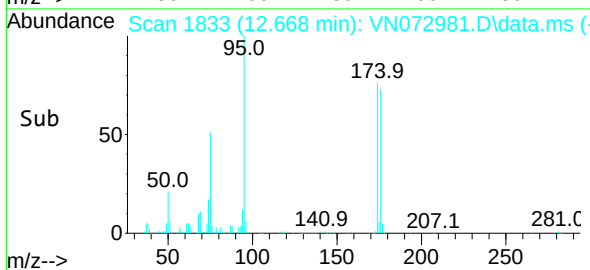
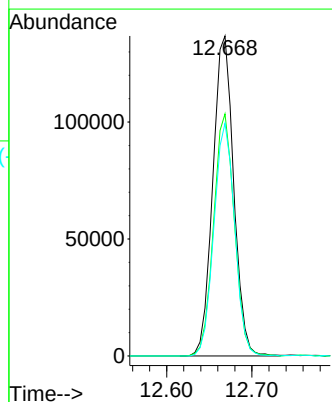
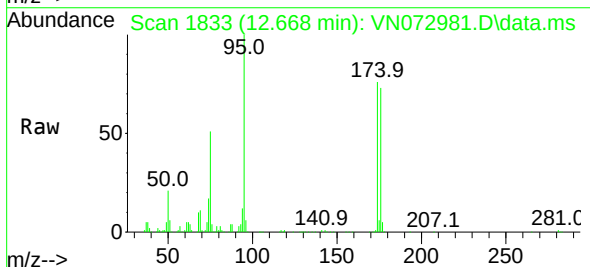
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-15

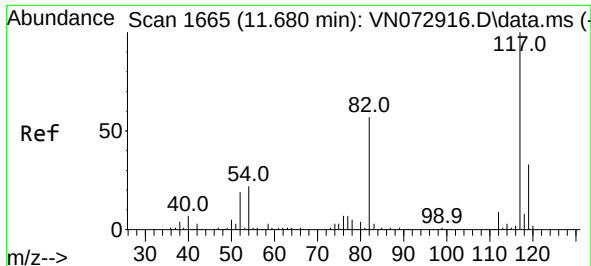
Tgt Ion: 98 Resp: 538733
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.466 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion: 95 Resp: 232654
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 72.4 0.0 163.4

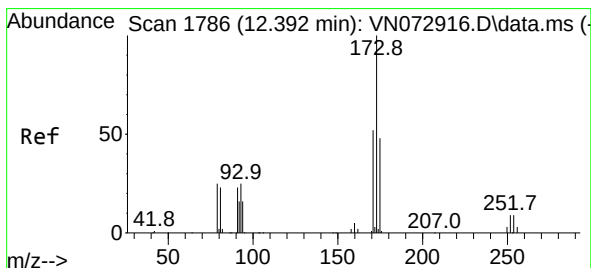
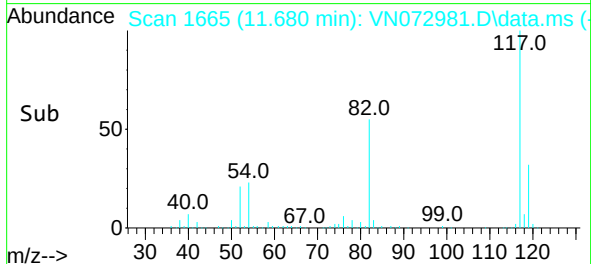
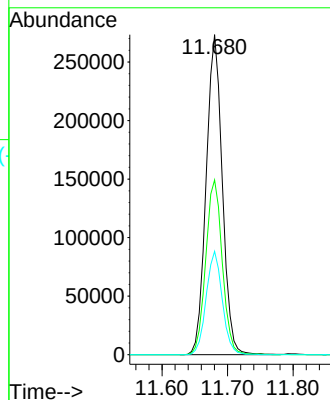
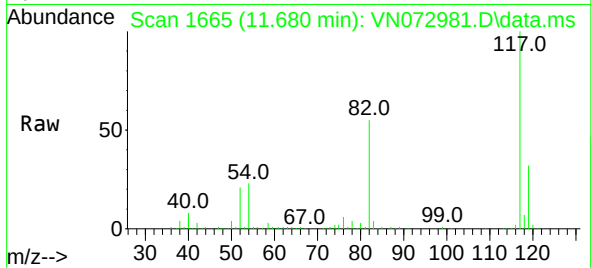




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

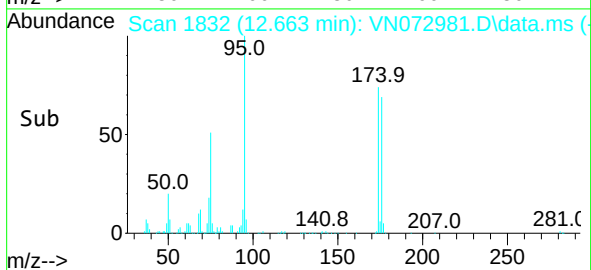
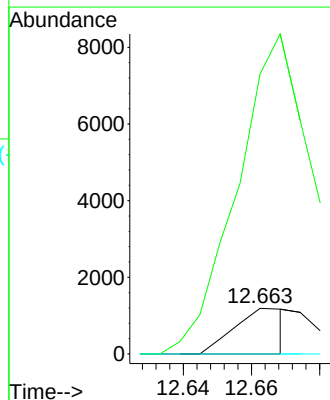
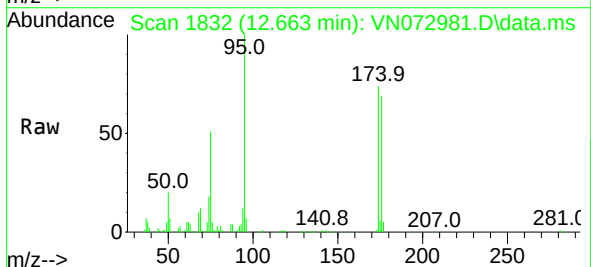
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-15

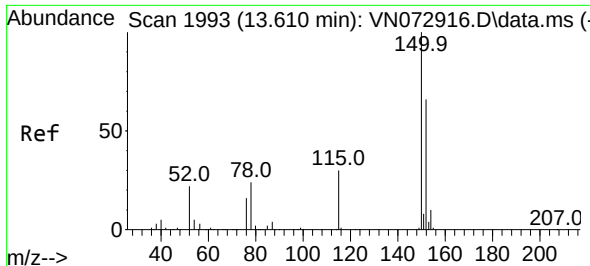
Tgt Ion:117 Resp: 469206
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.3 25.4 38.0



#71
Bromoform
Concen: 0.477 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

Tgt Ion:173 Resp: 1255
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

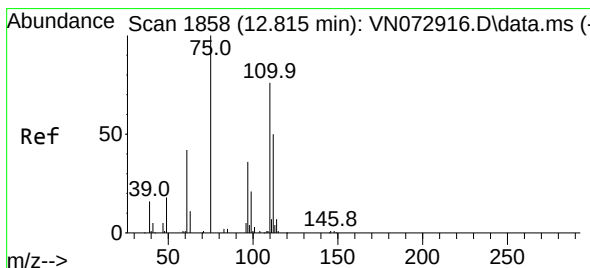
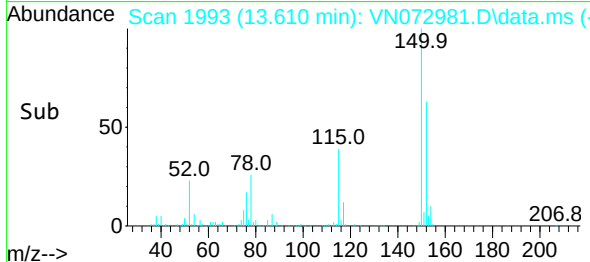
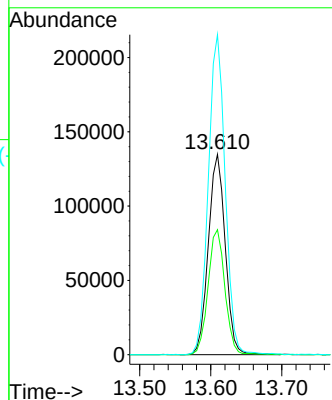
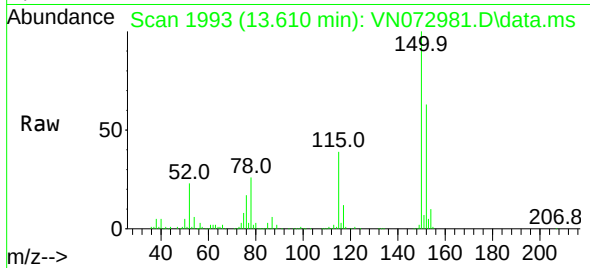




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

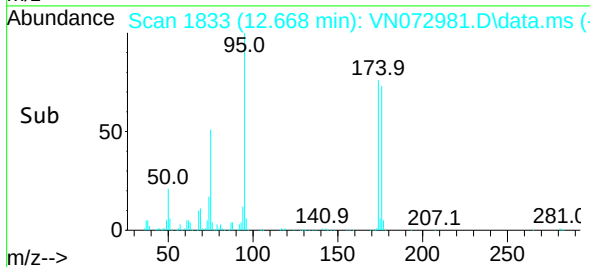
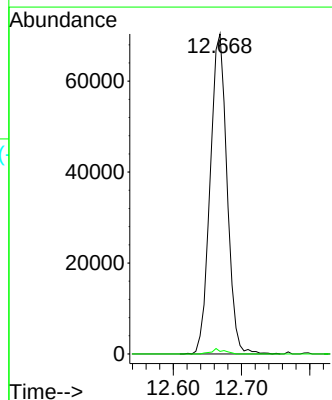
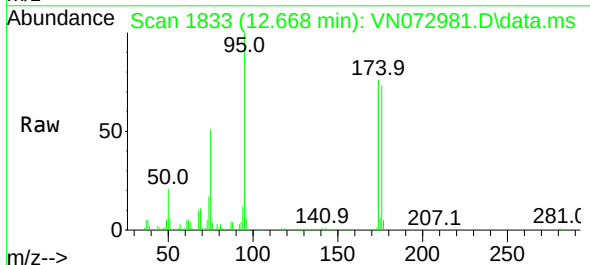
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-06-15

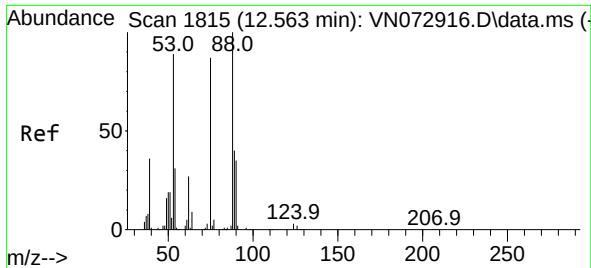
Tgt Ion:152 Resp: 223474
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 159.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.345 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072981.D
Acq: 21 Jun 2022 14:18

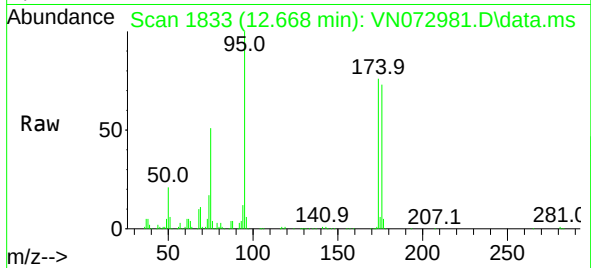
Tgt Ion: 75 Resp: 121066
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.345 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072981.D
 Acq: 21 Jun 2022 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-06-15



Tgt Ion: 75 Resp: 121066
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

