

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072978.D
 Acq On : 21 Jun 2022 13:05
 Operator : JC\MD
 Sample : N3357-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-14

Quant Time: Jun 22 07:00:00 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)

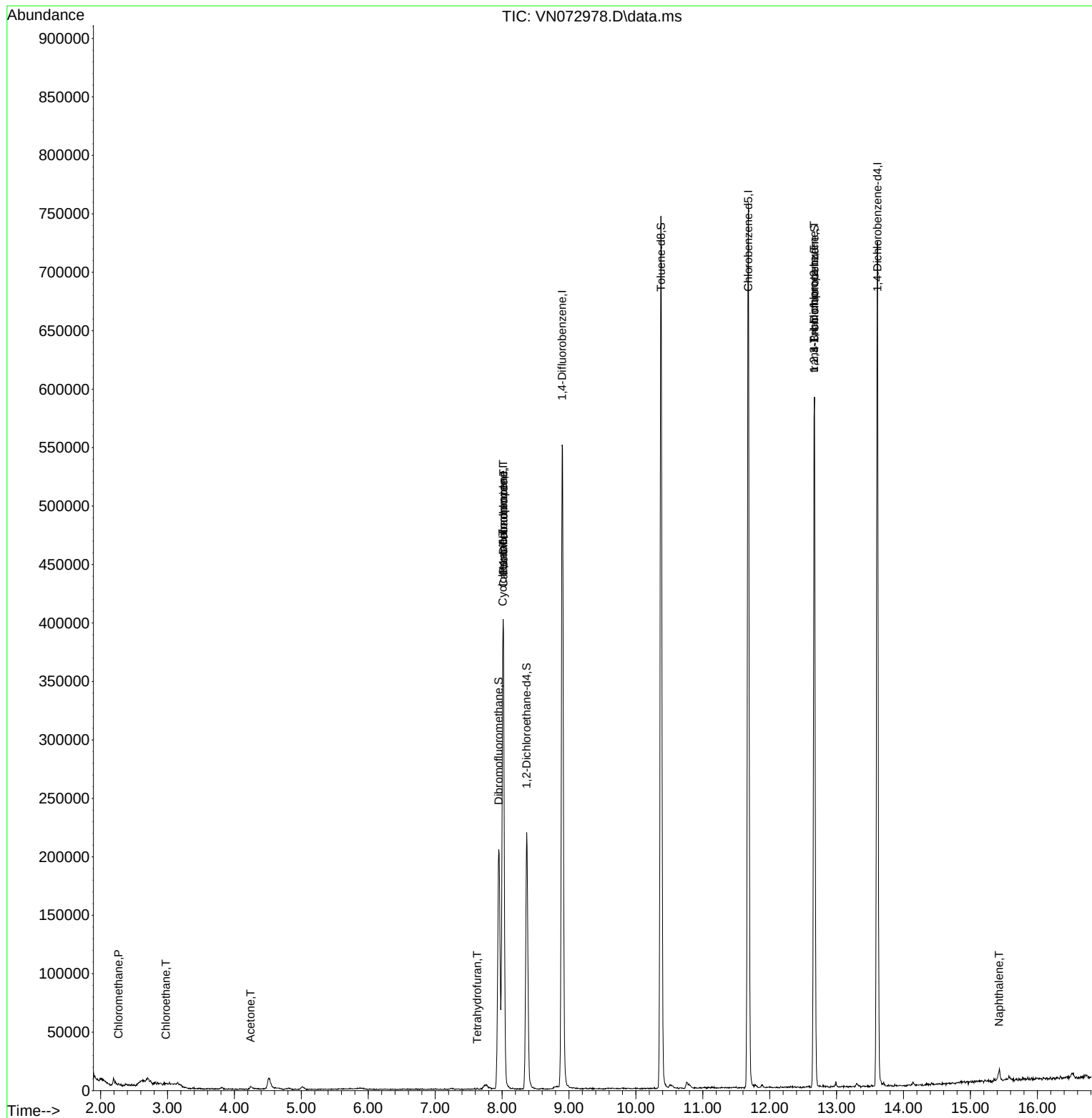
Internal Standards						
1) Pentafluorobenzene	8.016	168	315562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	494238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	435078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	194063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182983	42.890	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.780%
35) Dibromofluoromethane	7.951	113	155762	50.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	10.374	98	511246	44.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.668	95	212421	51.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	892	0.842	ug/l	99
6) Chloroethane	2.975	64	352	0.209	ug/l #	42
16) Acetone	4.240	43	4163	1.775	ug/l	91
29) Tetrahydrofuran	7.628	42	492	0.200	ug/l #	29
31) Cyclohexane	8.010	56	6933	1.201	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	24689	5.973	ug/l #	50
38) Carbon Tetrachloride	8.022	117	31426	7.228	ug/l #	16
76) 1,2,3-Trichloropropane	12.663	75	108720	23.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.663	75	108720	62.404	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.621	75	80	Below Cal	#	1
95) Naphthalene	15.427	128	9801	0.654	ug/l	95

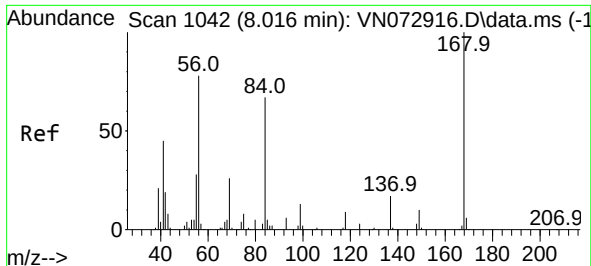
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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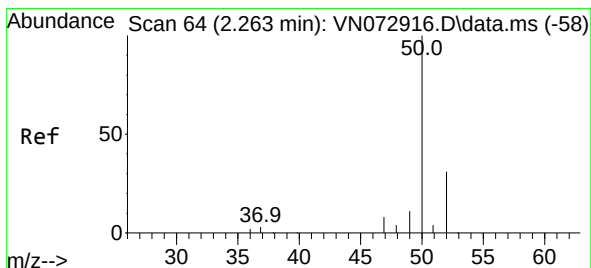
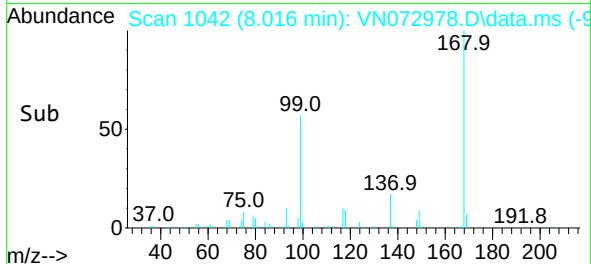
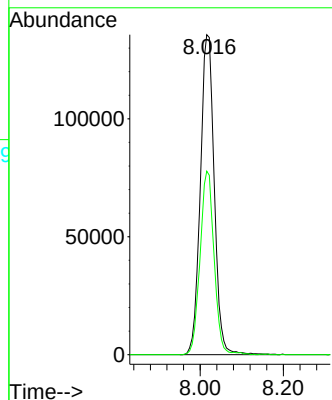
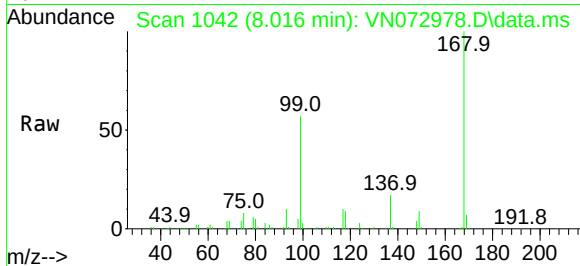




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

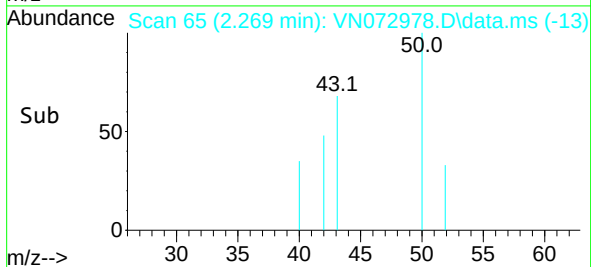
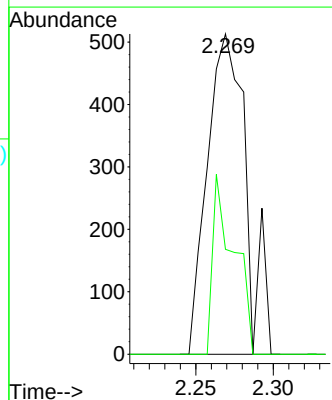
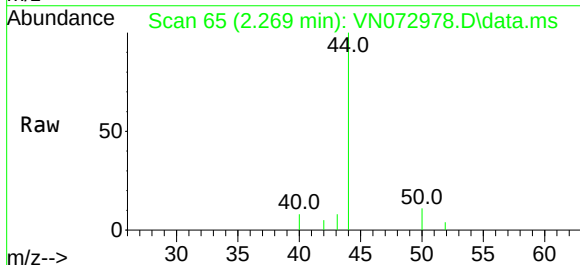
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-14

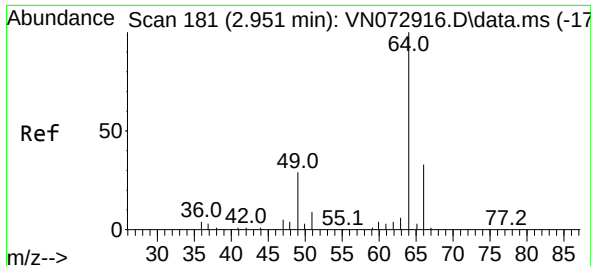
Tgt Ion:168 Resp: 315562
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#3
Chloromethane
Concen: 0.842 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 50 Resp: 892
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

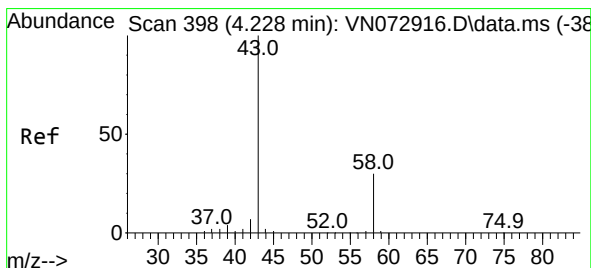
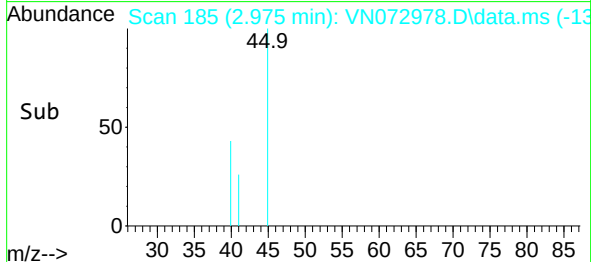
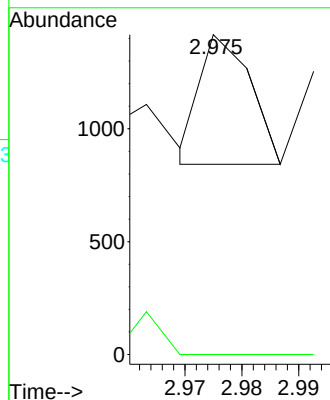
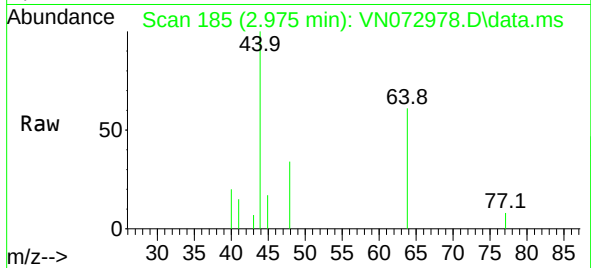




#6
Chloroethane
Concen: 0.209 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

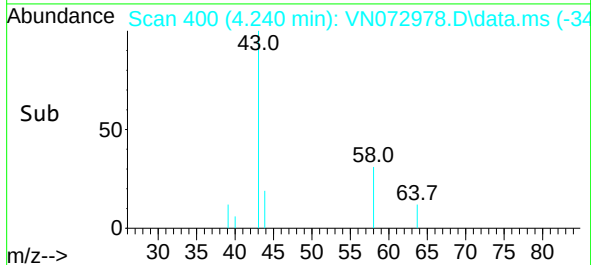
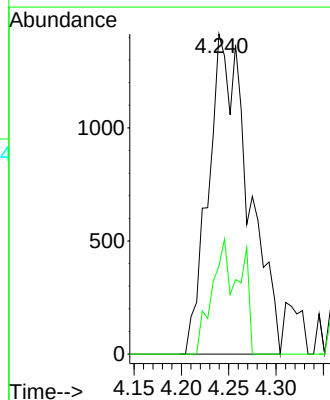
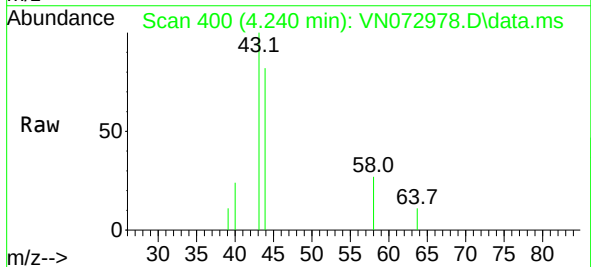
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-14

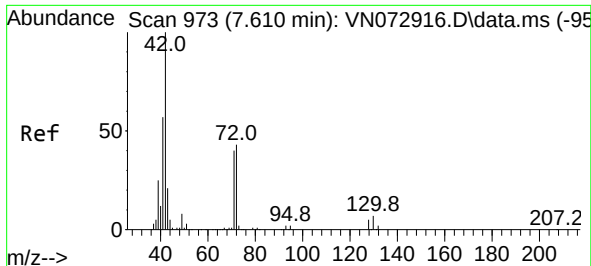
Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.775 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.012 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0





#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN072978.D

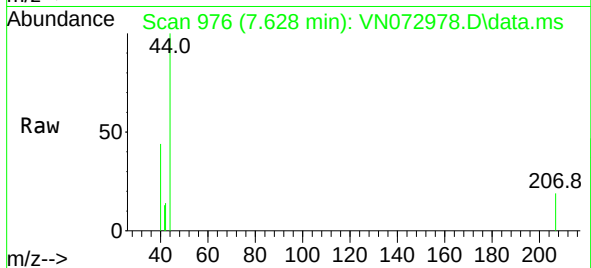
Acq: 21 Jun 2022 13:05

Instrument :

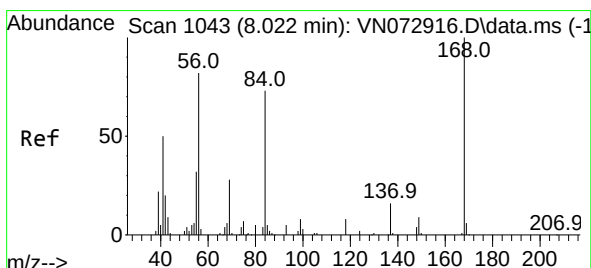
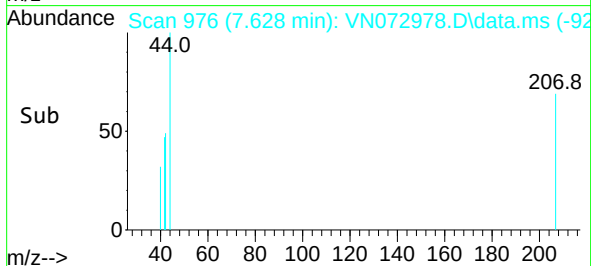
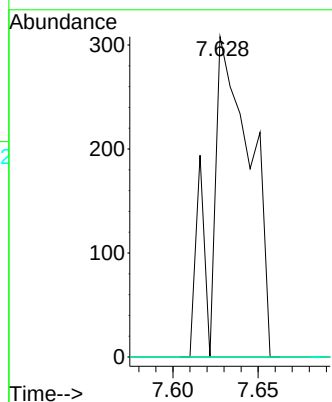
MSVOA_N

ClientSampleId :

TB-2022-06-14



Tgt Ion:	42	Resp:	492
Ion Ratio	Lower	Upper	
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#



#31

Cyclohexane

Concen: 1.201 ug/l

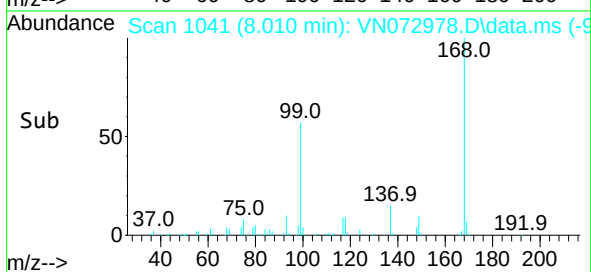
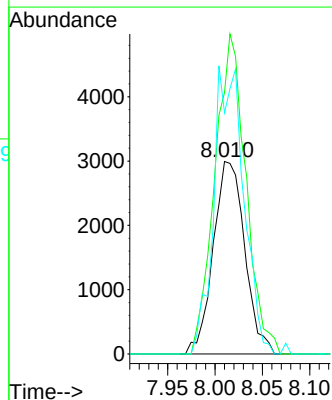
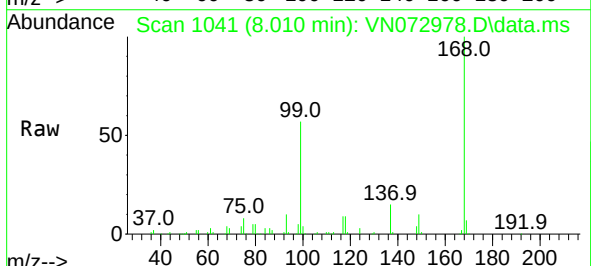
RT: 8.010 min Scan# 1041

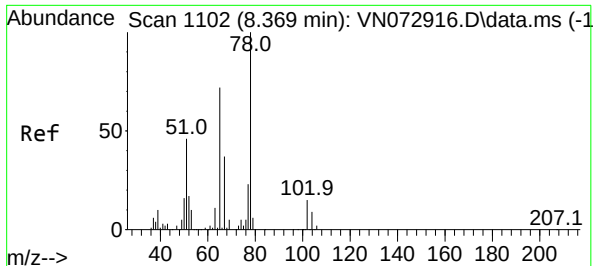
Delta R.T. -0.012 min

Lab File: VN072978.D

Acq: 21 Jun 2022 13:05

Tgt Ion:	56	Resp:	6933
Ion Ratio	Lower	Upper	
56	100		
69	135.9	27.8	41.8#
84	125.3	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.890 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072978.D

Acq: 21 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

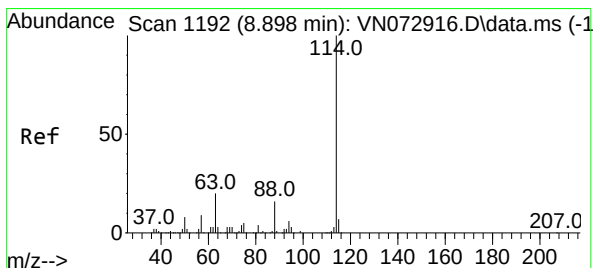
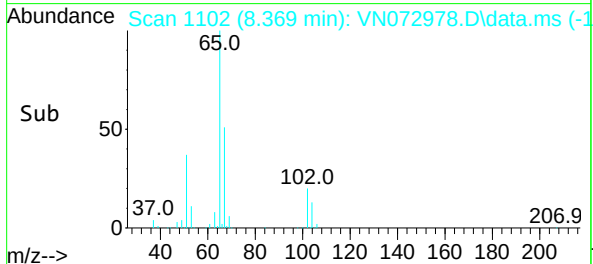
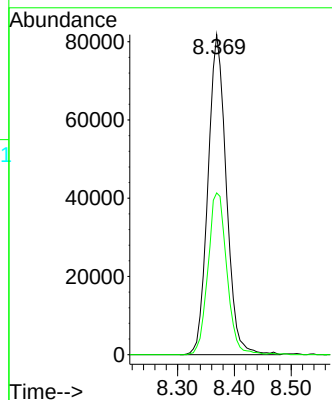
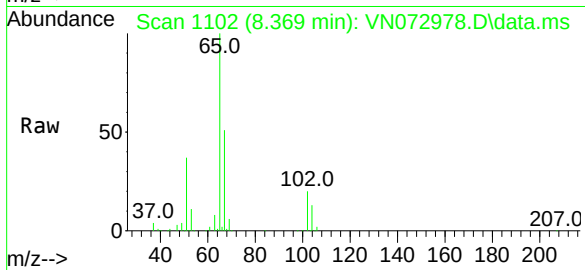
TB-2022-06-14

Tgt Ion: 65 Resp: 182983

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072978.D

Acq: 21 Jun 2022 13:05

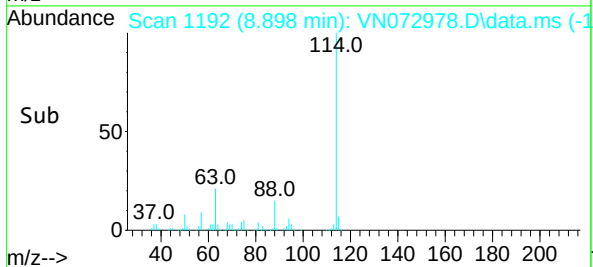
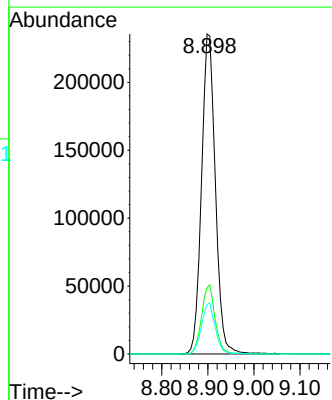
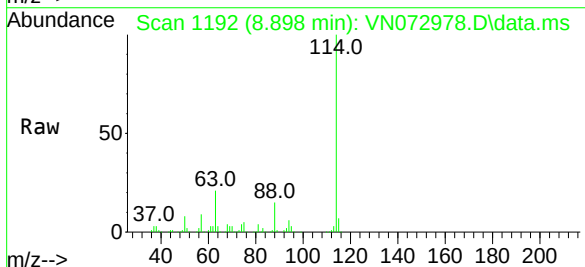
Tgt Ion: 114 Resp: 494238

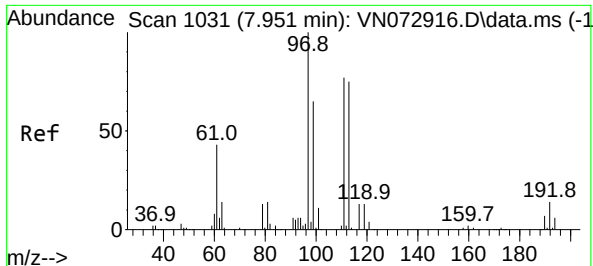
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.5 0.0 32.6

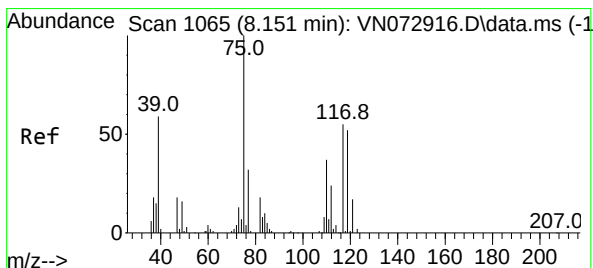
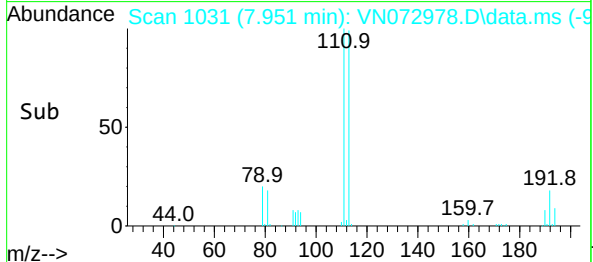
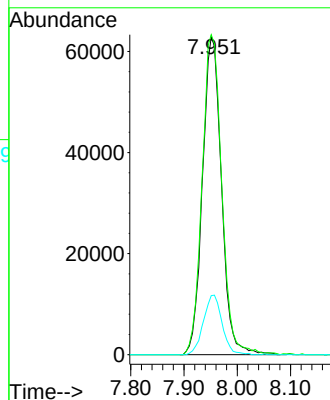
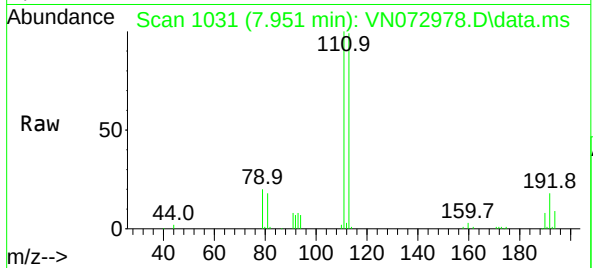




#35
Dibromofluoromethane
Concen: 50.989 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

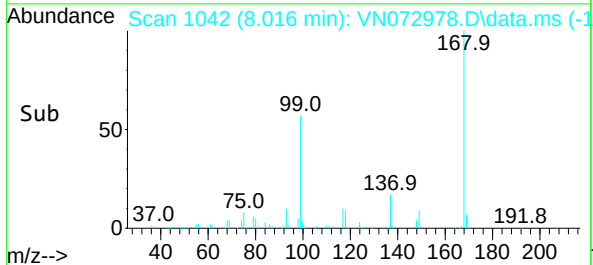
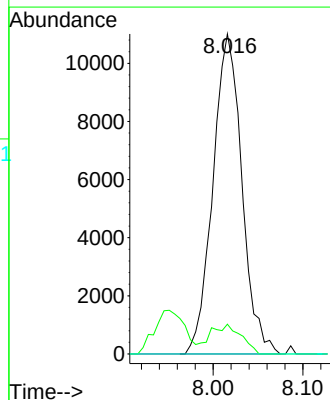
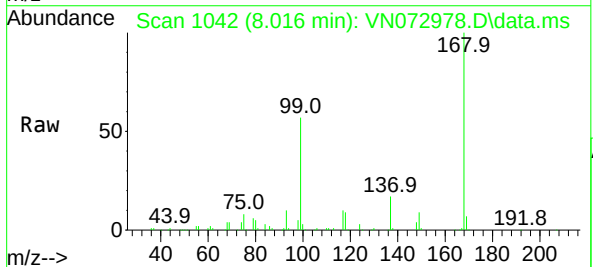
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ClientSampleId :
TB-2022-06-14

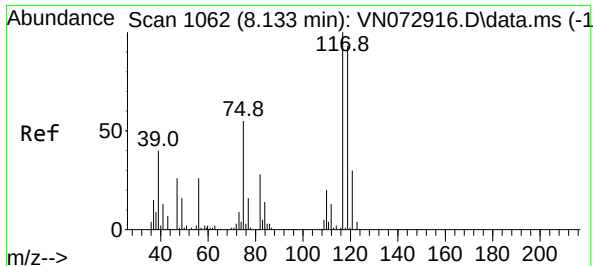
Tgt Ion:113 Resp: 155762
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.973 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

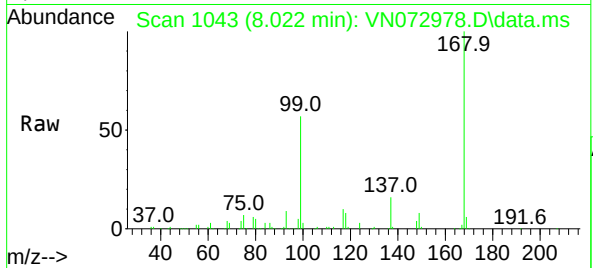
Tgt Ion: 75 Resp: 24689
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 25.1 37.7#



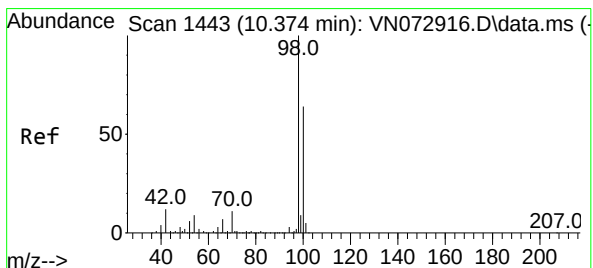
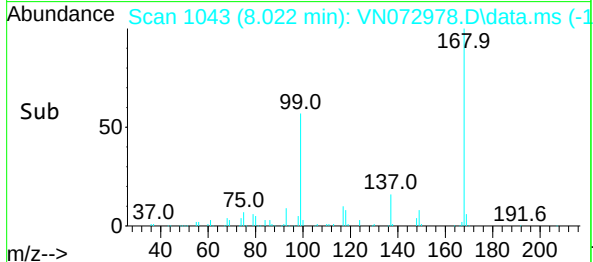
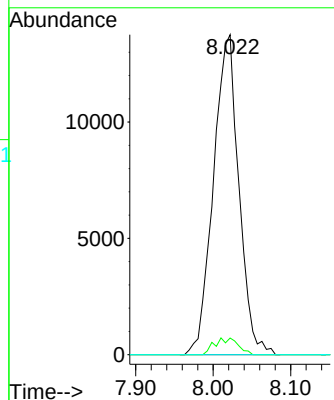


#38
Carbon Tetrachloride
Concen: 7.228 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-14

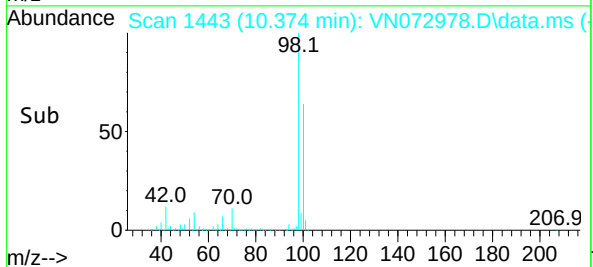
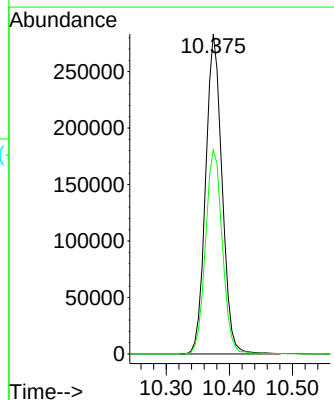
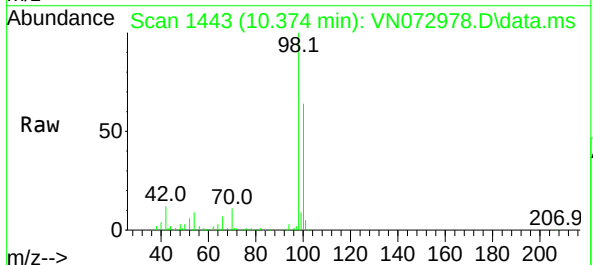


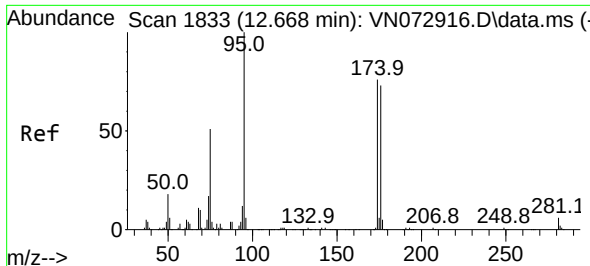
Tgt Ion:117 Resp: 31426
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.976 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 98 Resp: 511246
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

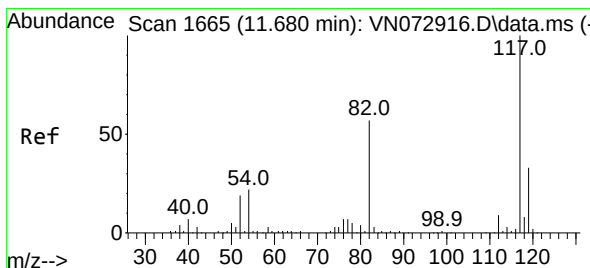
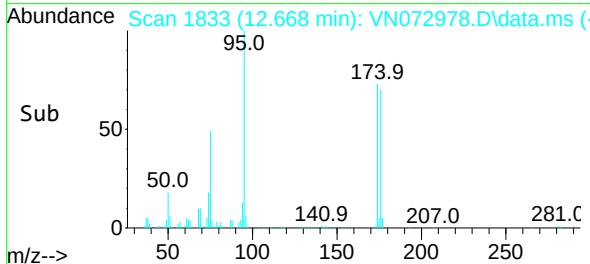
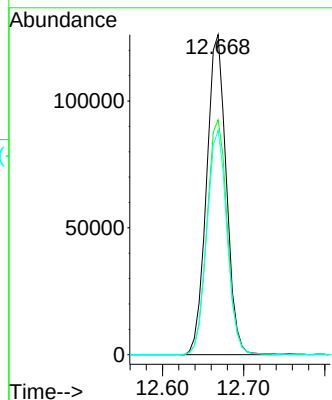
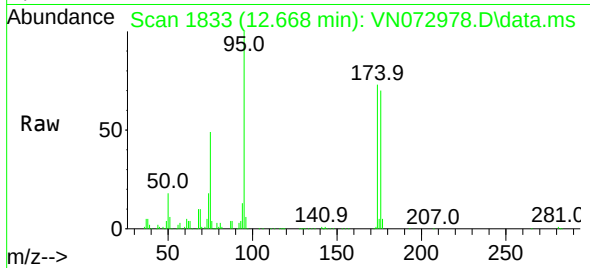




#62
4-Bromofluorobenzene
Concen: 51.969 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

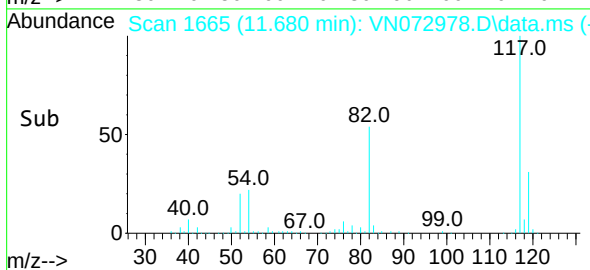
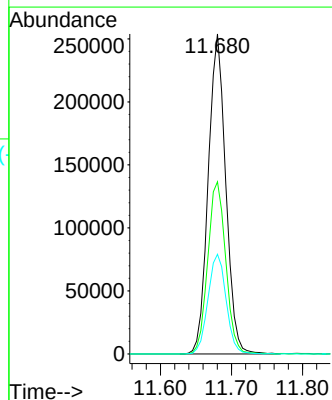
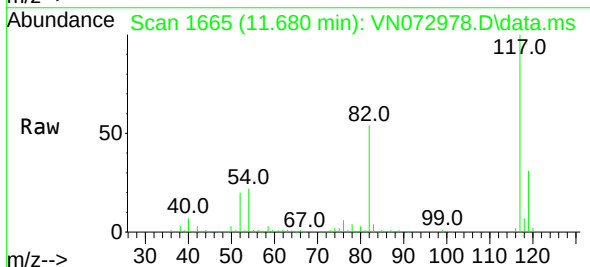
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-14

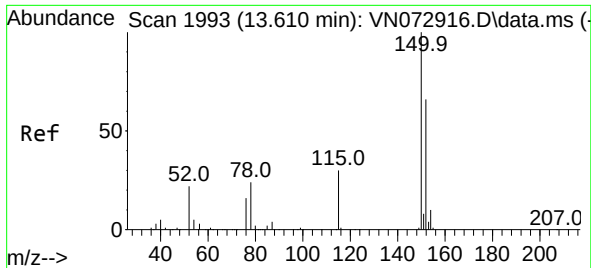
Tgt Ion: 95 Resp: 212421
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 71.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Tgt Ion: 117 Resp: 435078
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.1 25.4 38.0

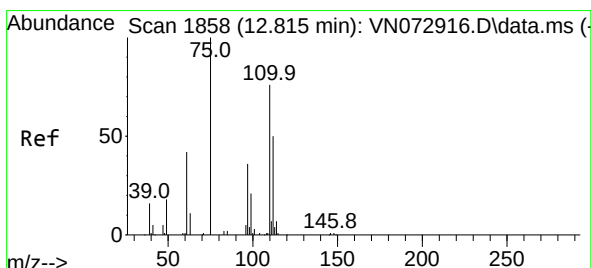
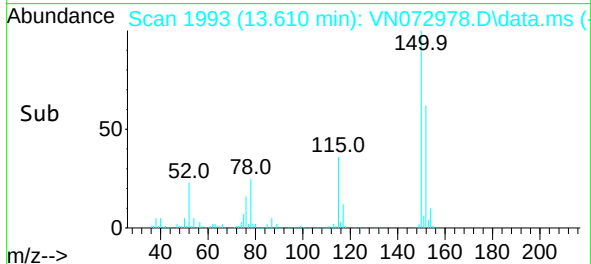
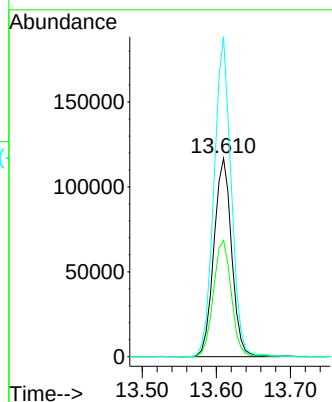
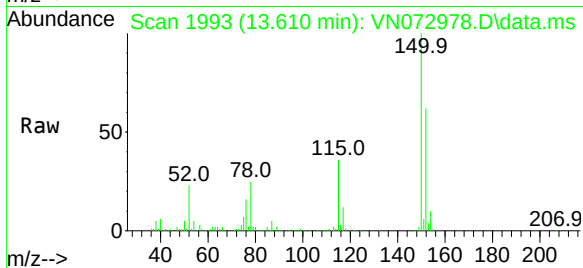




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072978.D
 Acq: 21 Jun 2022 13:05

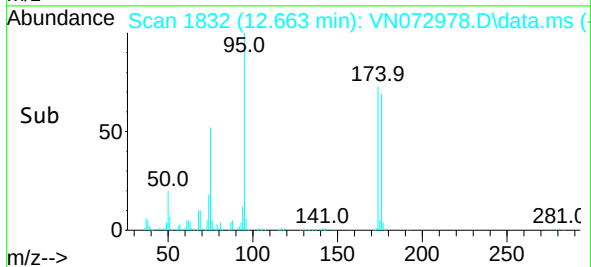
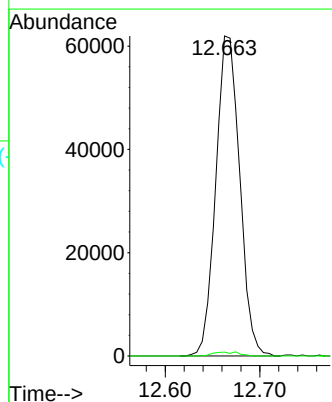
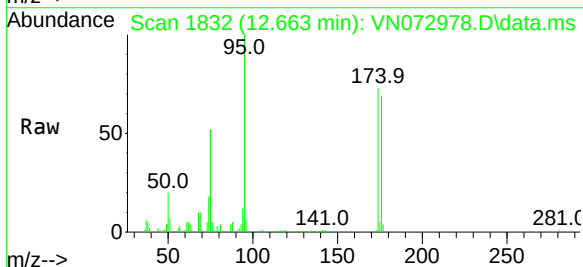
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-14

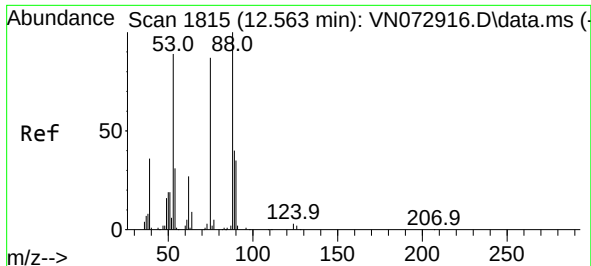
Tgt Ion:152 Resp: 194063
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.9 86.7
 150 156.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.107 ug/l
 RT: 12.663 min Scan# 1832
 Delta R.T. -0.153 min
 Lab File: VN072978.D
 Acq: 21 Jun 2022 13:05

Tgt Ion: 75 Resp: 108720
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

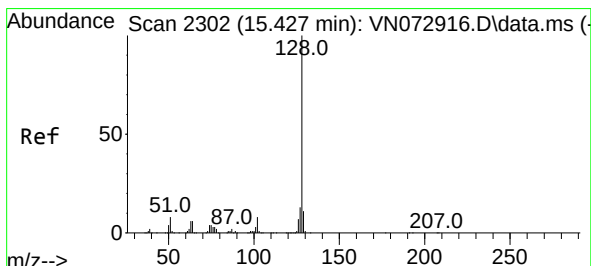
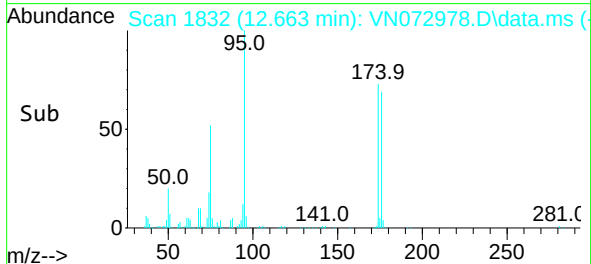
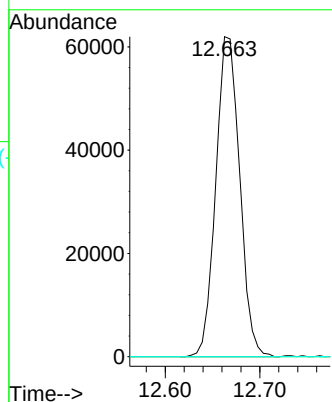
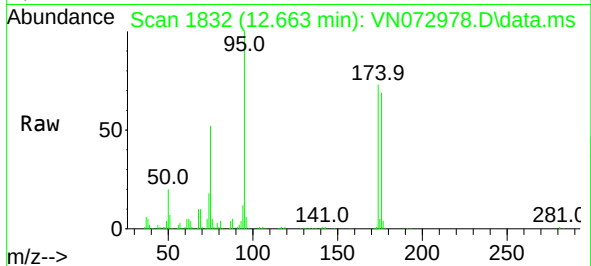




#81
trans-1,4-Dichloro-2-butene
Concen: 62.404 ug/l
RT: 12.663 min Scan# 1815
Delta R.T. 0.100 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-14

Tgt Ion: 75 Resp: 108720
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.654 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072978.D
Acq: 21 Jun 2022 13:05

Tgt Ion:128 Resp: 9801
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 9.4 8.6 13.0

