

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072895.D
 Acq On : 16 Jun 2022 22:03
 Operator : JC\MD
 Sample : N3202-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	660241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	1100286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	969613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	392643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	494465	40.536	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.080%
35) Dibromofluoromethane	7.951	113	429829	43.006	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.020%
50) Toluene-d8	10.375	98	1401559	35.826	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	71.660%
62) 4-Bromofluorobenzene	12.669	95	537300	39.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.180%

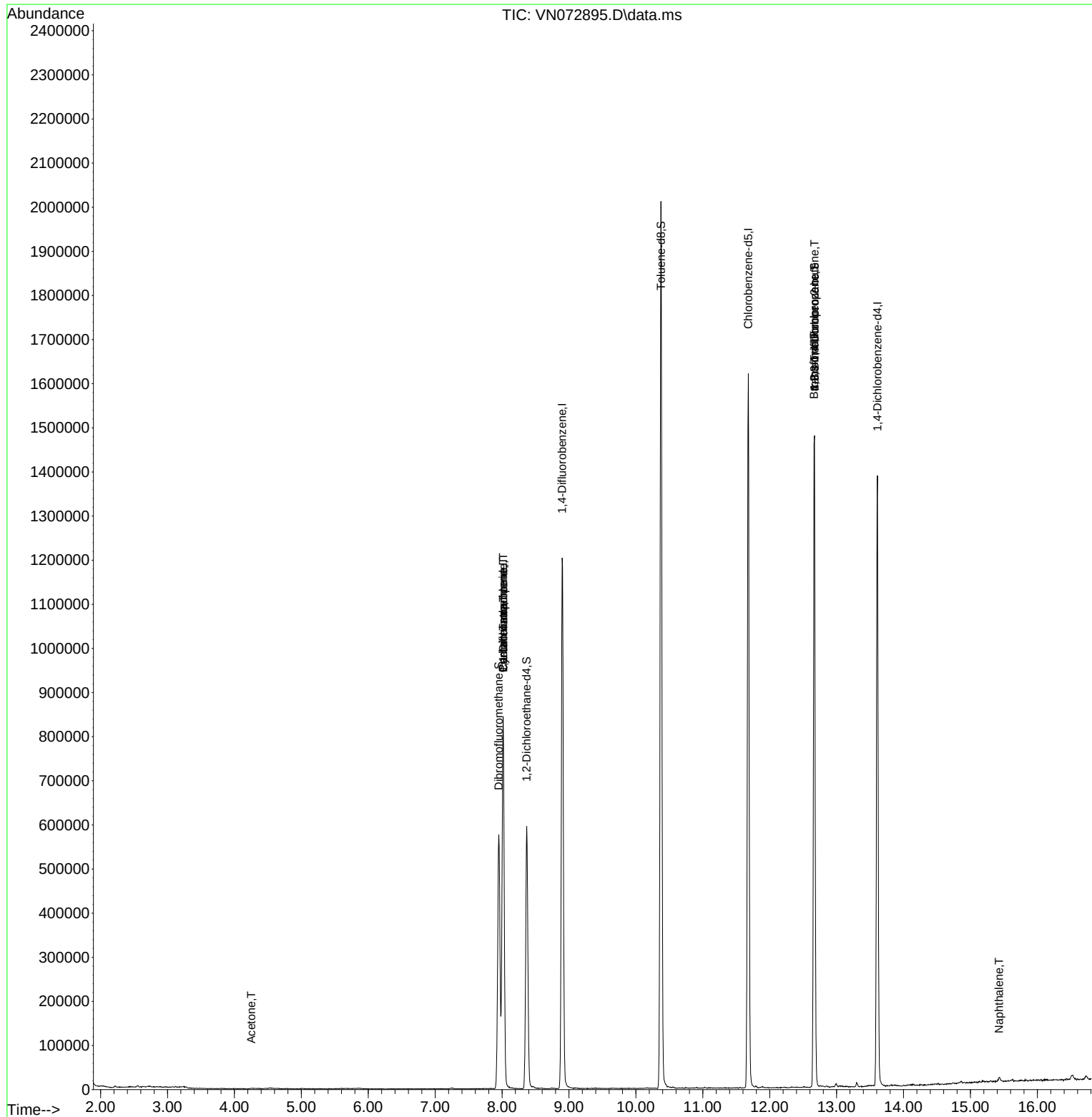
Target Compounds					Qvalue	
13) Acrolein	3.987	56	87	Below Cal	#	16
16) Acetone	4.251	43	1623	0.264	ug/l	94
31) Cyclohexane	8.016	56	13528	0.827	ug/l #	16
36) 1,1-Dichloropropene	8.016	75	48381	3.545	ug/l #	49
38) Carbon Tetrachloride	8.016	117	65189	4.436	ug/l #	16
71) Bromoform	12.663	173	2919	0.366	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	266340	22.821	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	266340	64.998	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.527	75	108	Below Cal	#	1
95) Naphthalene	15.427	128	8623	0.347	ug/l	96

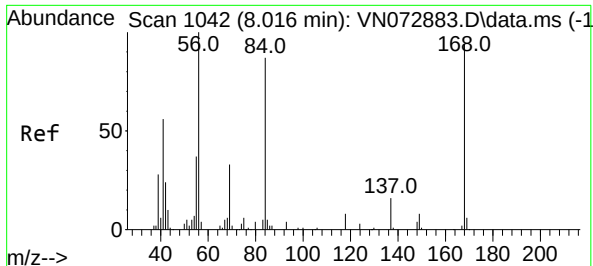
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
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MSVOA_N
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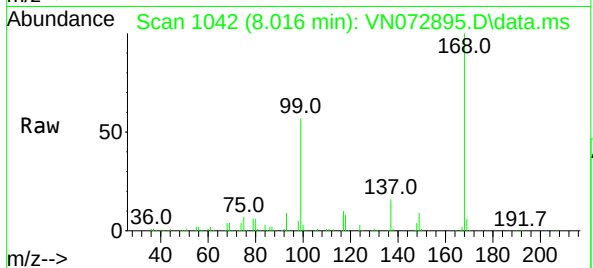
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration



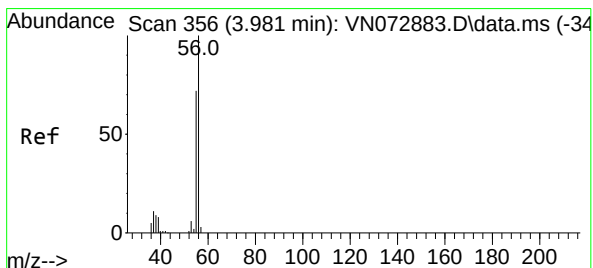
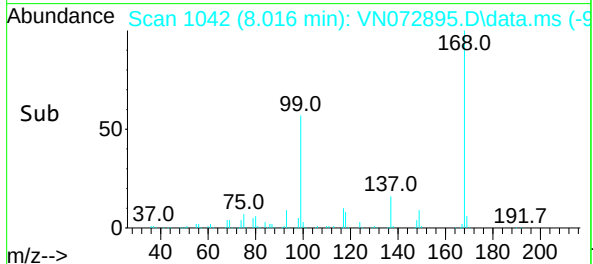
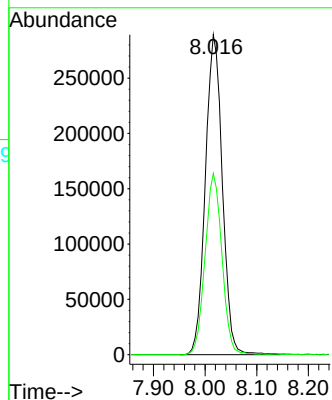


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :

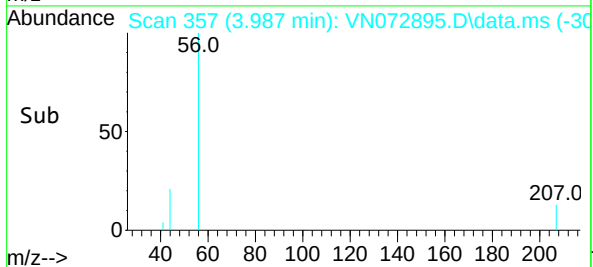
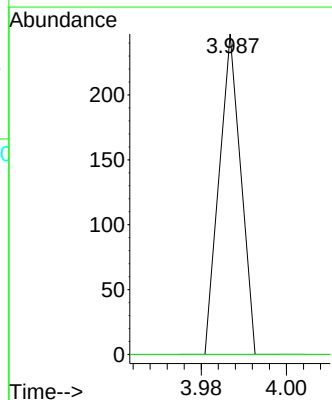
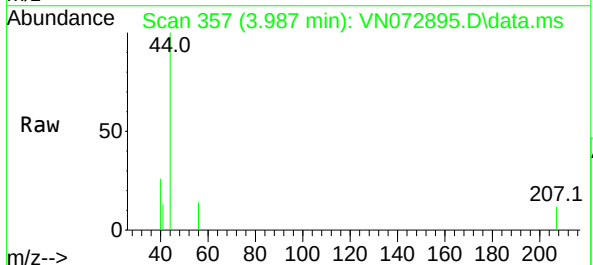


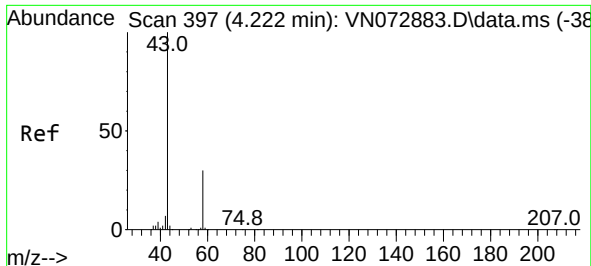
Tgt Ion:168 Resp: 660241
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#13
Acrolein
Concen: Below Cal
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

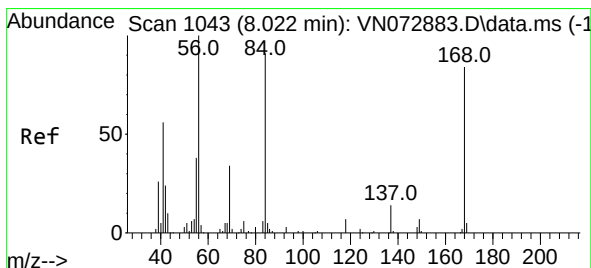
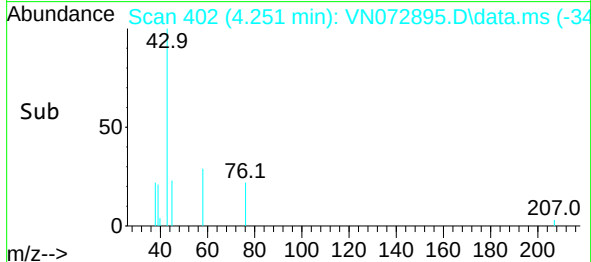
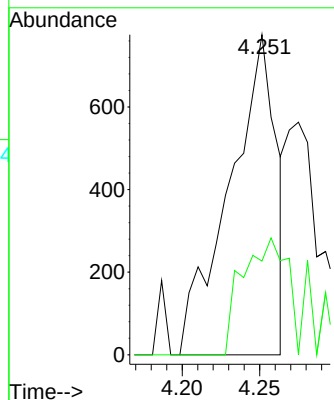
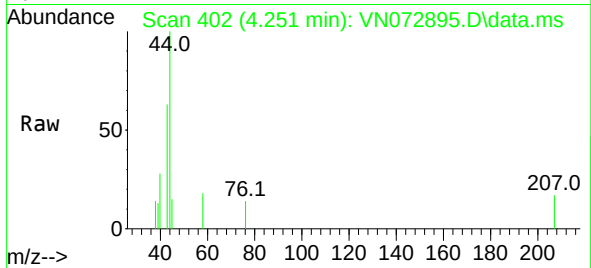




#16
Acetone
Concen: 0.264 ug/l
RT: 4.251 min Scan# 40
Delta R.T. 0.030 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

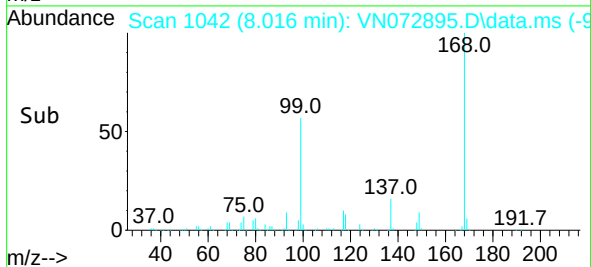
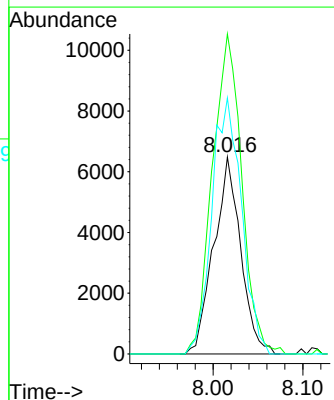
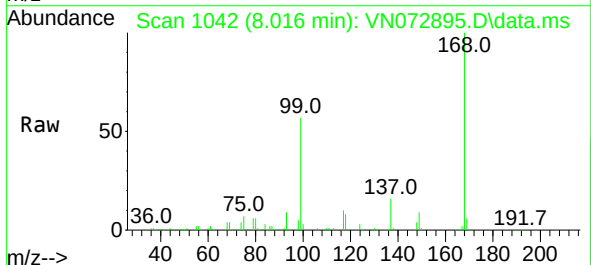
Instrument :
MSVOA_N
ClientSampleId :

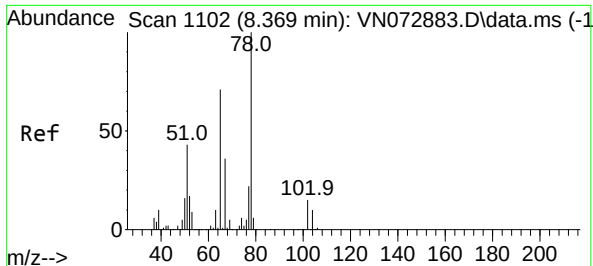
Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0



#31
Cyclohexane
Concen: 0.827 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion: 56 Resp: 13528
Ion Ratio Lower Upper
56 100
69 162.5 27.8 41.8#
84 130.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 40.536 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072895.D

Acq: 16 Jun 2022 22:03

Instrument :

MSVOA_N

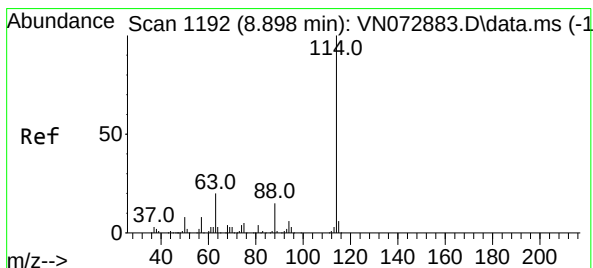
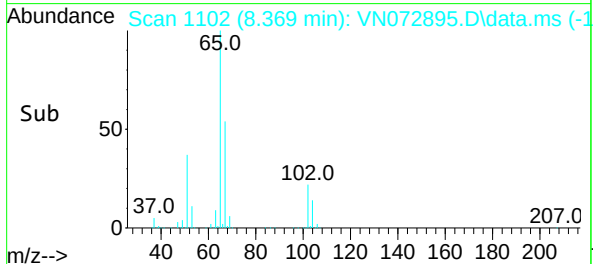
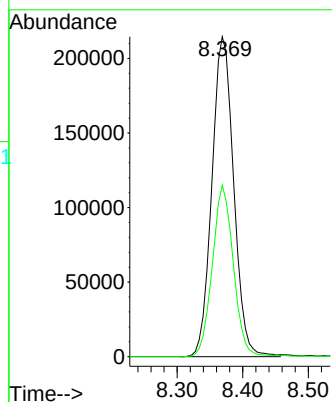
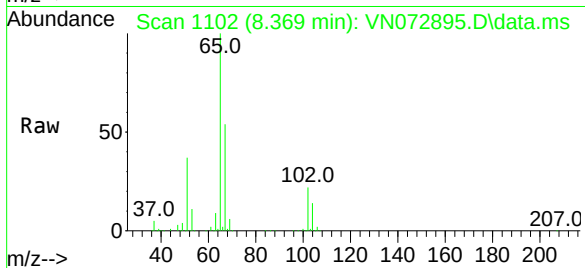
ClientSampleId :

Tgt Ion: 65 Resp: 494465

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: VN072895.D

Acq: 16 Jun 2022 22:03

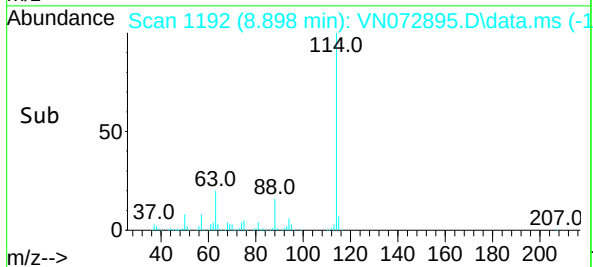
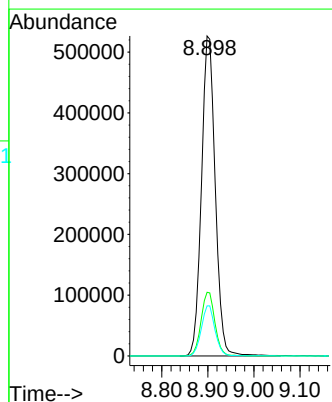
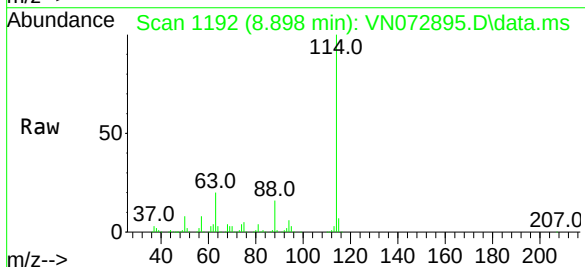
Tgt Ion: 114 Resp: 1100286

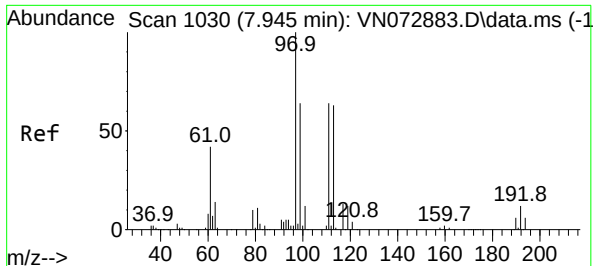
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 43.006 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

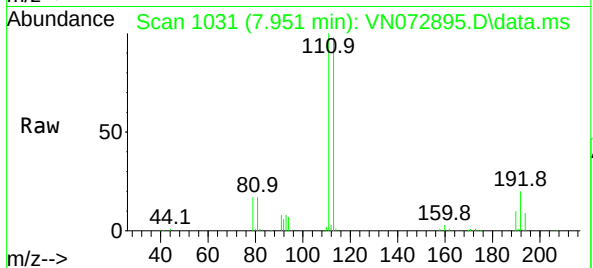
Lab File: VN072895.D

Acq: 16 Jun 2022 22:03

Instrument :

MSVOA_N

ClientSampleId :



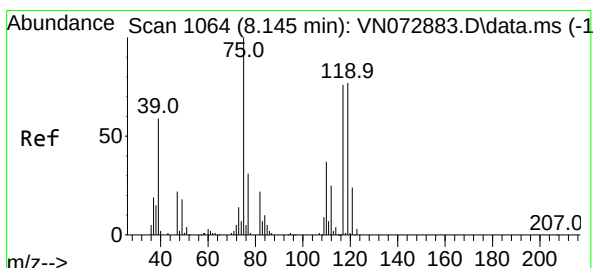
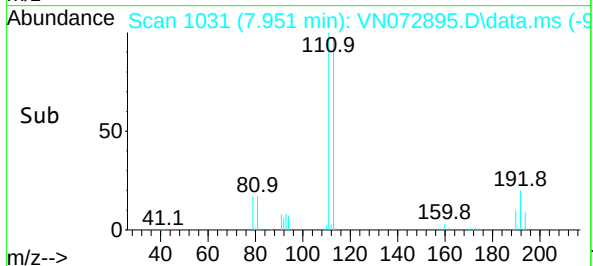
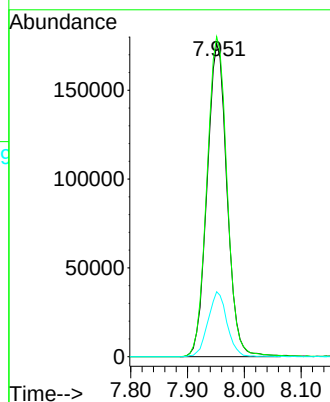
Tgt Ion:113 Resp: 429829

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 3.545 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN072895.D

Acq: 16 Jun 2022 22:03

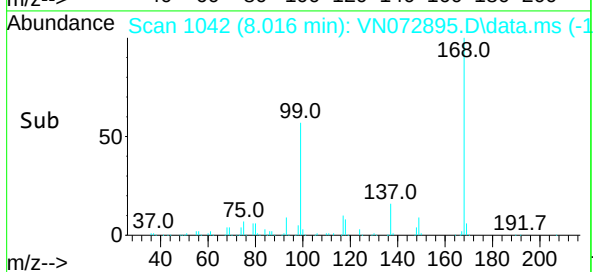
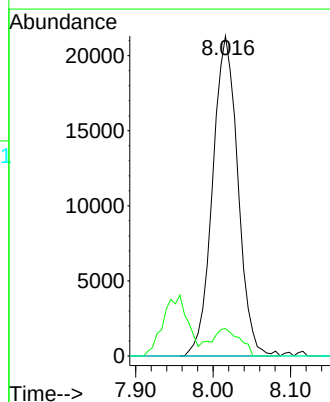
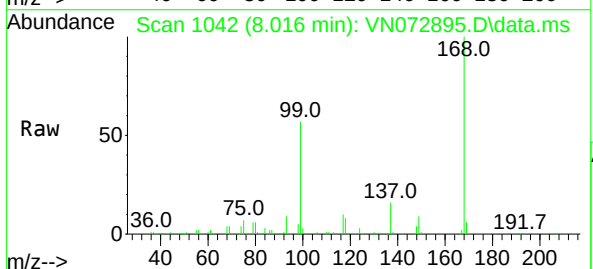
Tgt Ion: 75 Resp: 48381

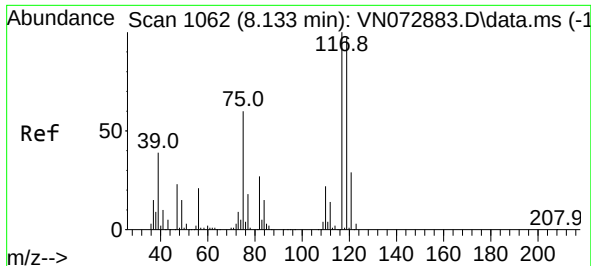
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

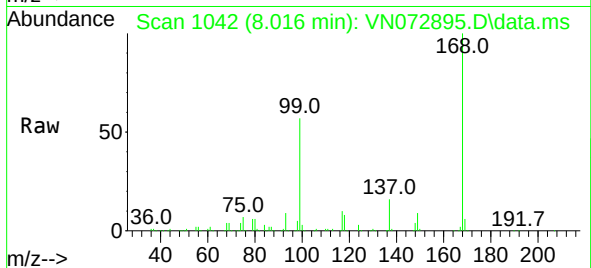
77 0.0 25.1 37.7#



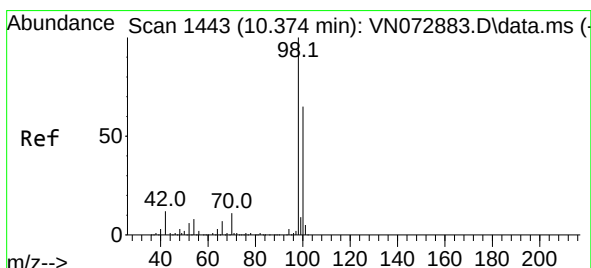
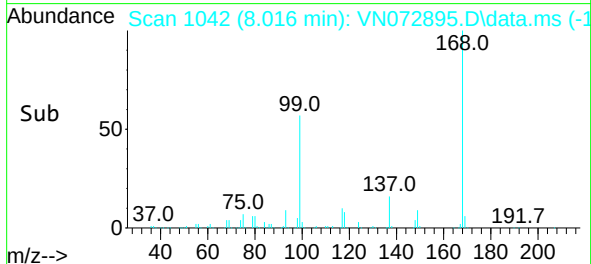
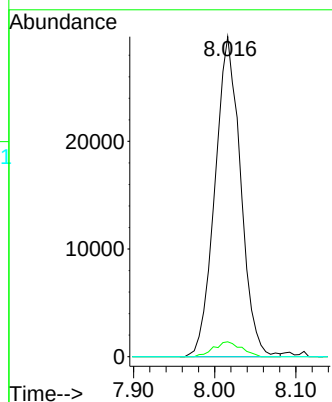


#38
Carbon Tetrachloride
Concen: 4.436 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :

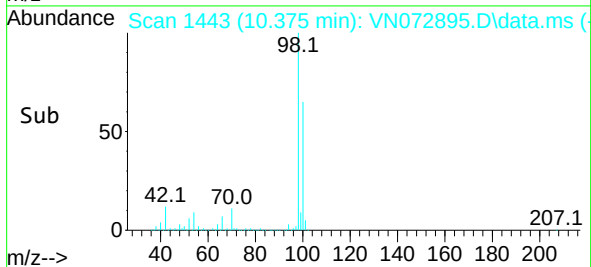
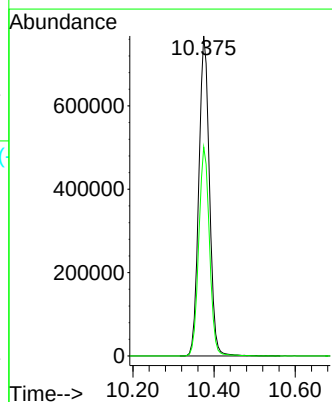
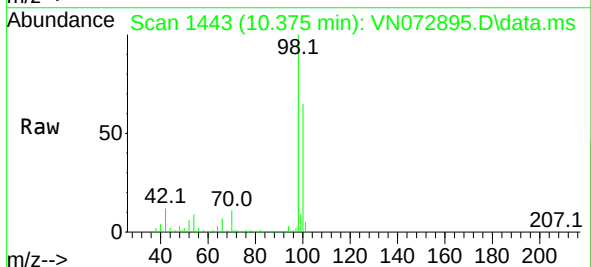


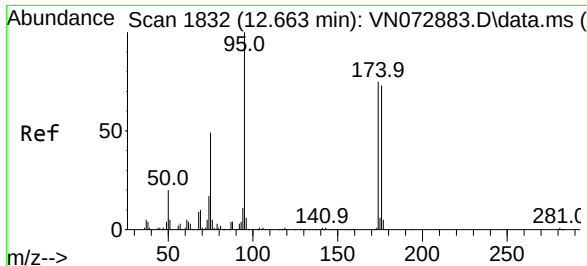
Tgt Ion:117 Resp: 65189
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 35.826 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion: 98 Resp: 1401559
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

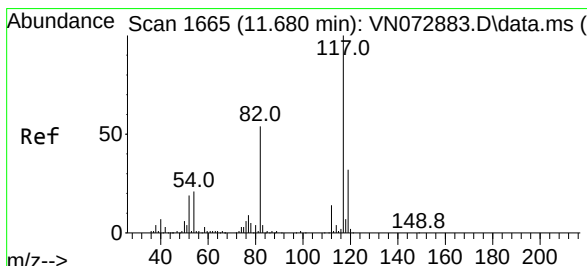
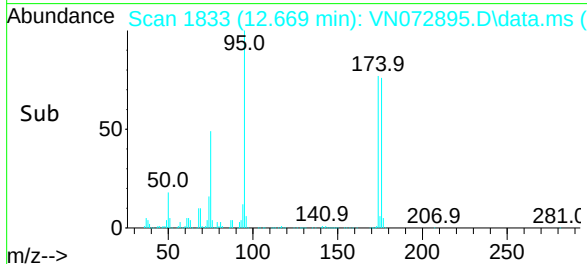
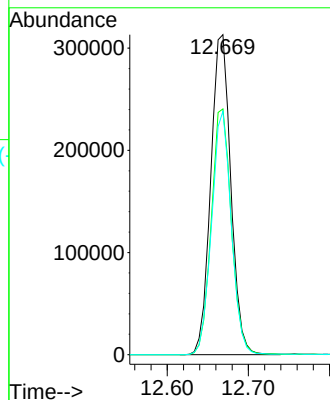
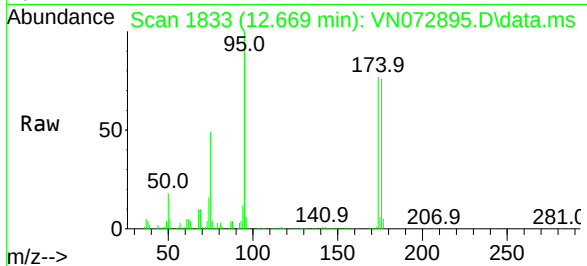




#62
4-Bromofluorobenzene
Concen: 39.592 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

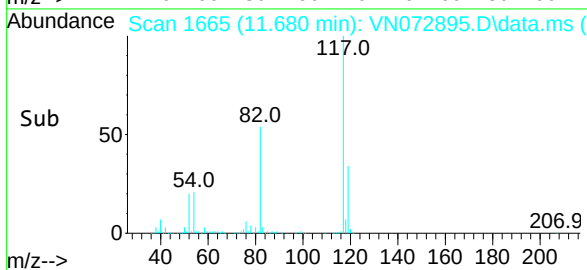
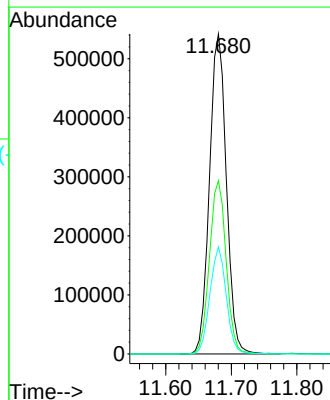
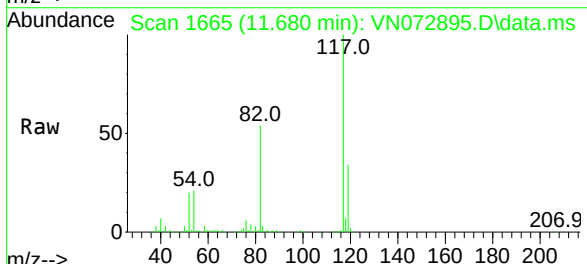
Instrument :
MSVOA_N
ClientSampleId :

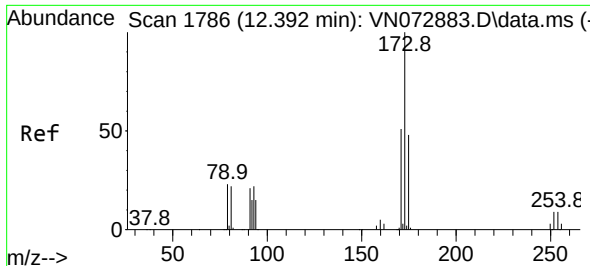
Tgt Ion: 95 Resp: 537300
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 74.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

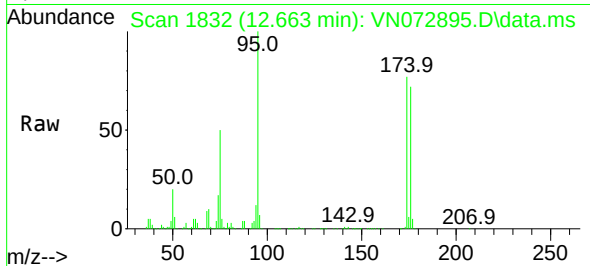
Tgt Ion: 117 Resp: 969613
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 33.5 25.4 38.0



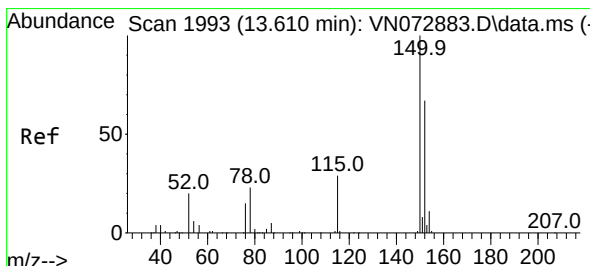
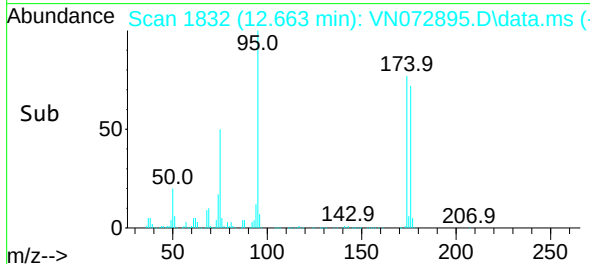
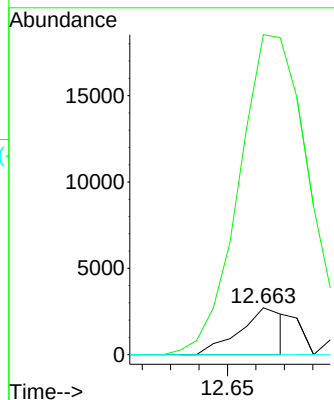


#71
Bromoform
Concen: 0.366 ug/l
RT: 12.663 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :

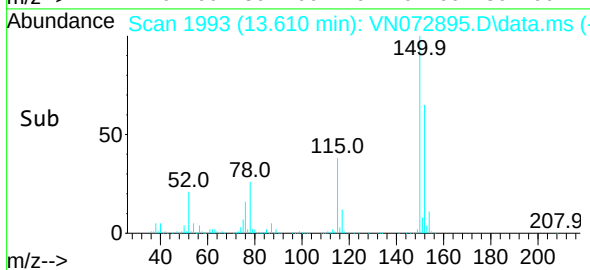
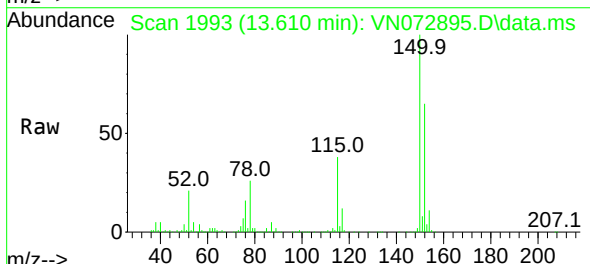
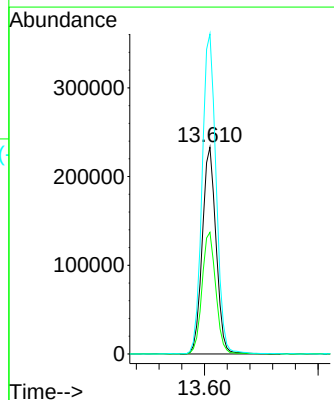


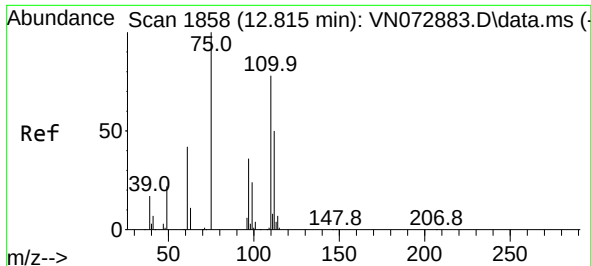
Tgt Ion:173 Resp: 2919
Ion Ratio Lower Upper
173 100
175 729.4 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion:152 Resp: 392643
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 156.7 0.0 356.2

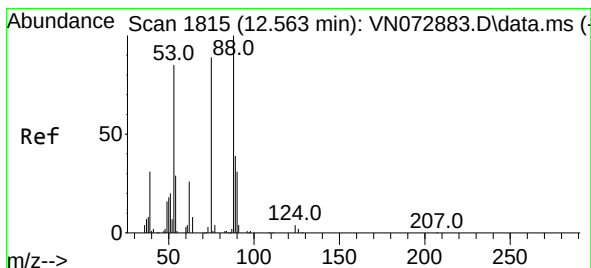
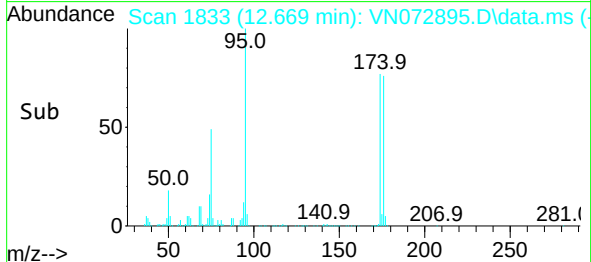
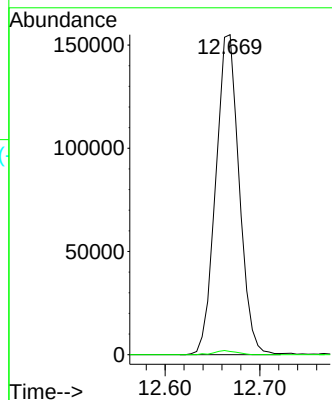
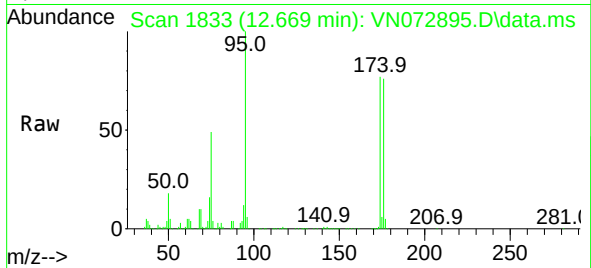




#76
1,2,3-Trichloropropane
Concen: 22.821 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

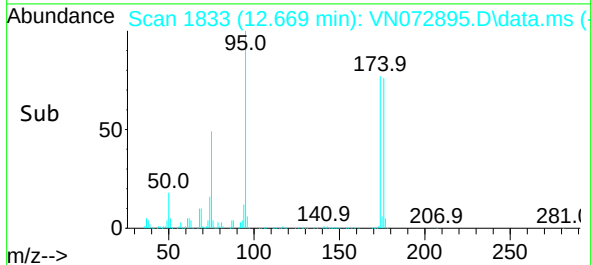
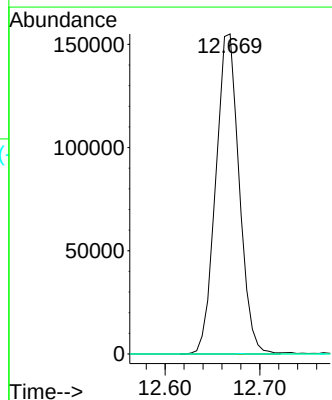
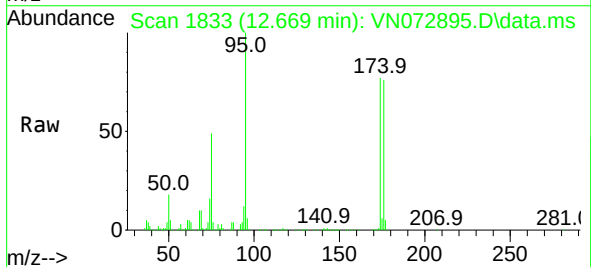
Instrument :
MSVOA_N
ClientSampleId :

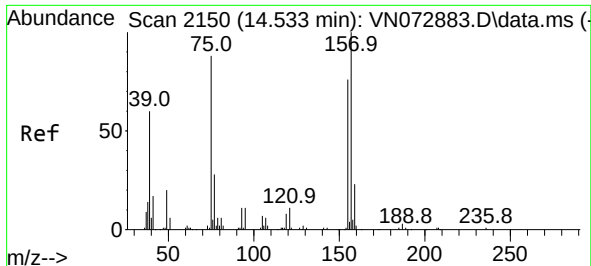
Tgt Ion: 75 Resp: 266340
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.998 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion: 75 Resp: 266340
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

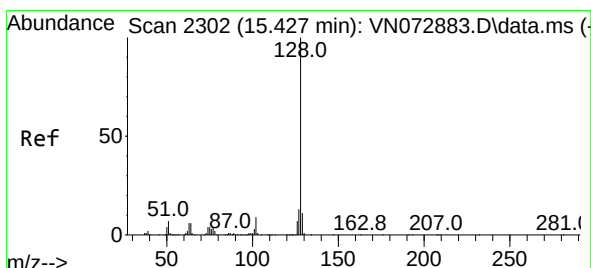
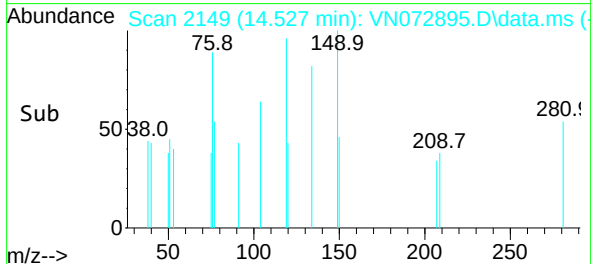
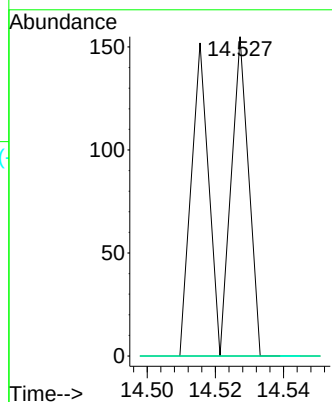
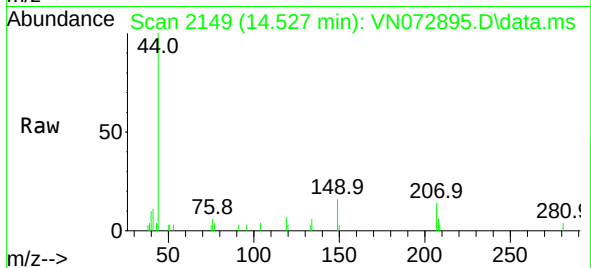




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.527 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 108
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 0.347 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072895.D
Acq: 16 Jun 2022 22:03

Tgt Ion: 128 Resp: 8623
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 10.7 8.6 13.0

