

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073973.D
 Acq On : 17 Aug 2022 13:55
 Operator : JC\MD
 Sample : N4200-19RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 00:44:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

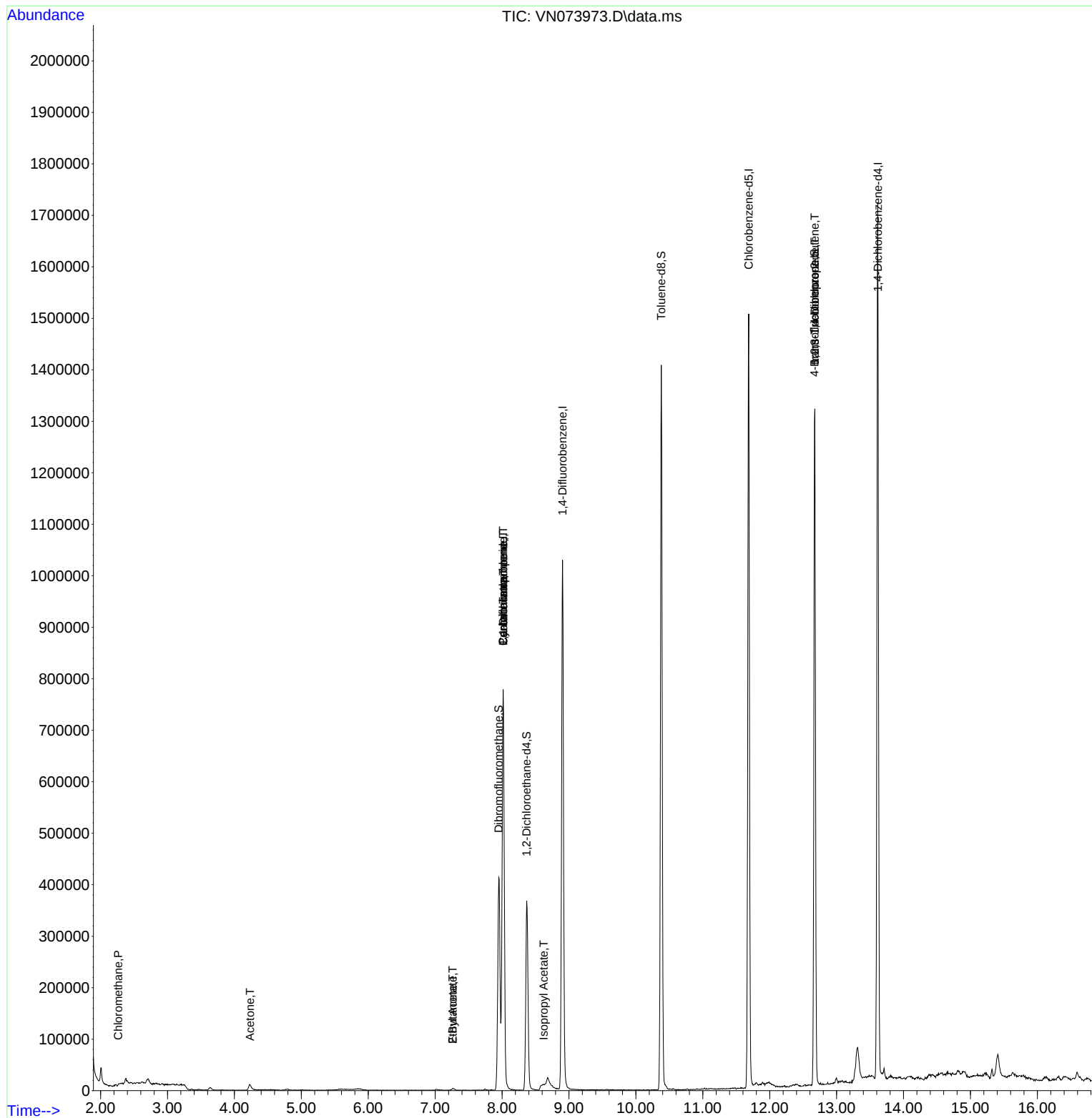
Internal Standards						
1) Pentafluorobenzene	8.016	168	660526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	969354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	928301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	513495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	315989	49.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	7.951	113	303582	52.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.380	98	1020149	45.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.668	95	441434	59.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1300	0.223	ug/l #	71
16) Acetone	4.234	43	20878	6.879	ug/l	97
18) Methyl Acetate	4.793	43	5261	Below Cal	#	83
25) 2-Butanone	7.263	43	5845	1.214	ug/l #	82
31) Cyclohexane	8.016	56	10890	1.214	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	41156	5.169	ug/l #	49
37) Ethyl Acetate	7.263	43	5845	0.606	ug/l #	67
38) Carbon Tetrachloride	8.016	117	57916	6.363	ug/l #	16
43) Isopropyl Acetate	8.622	43	15362	1.118	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	216623	20.296	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	216623	57.727	ug/l #	10

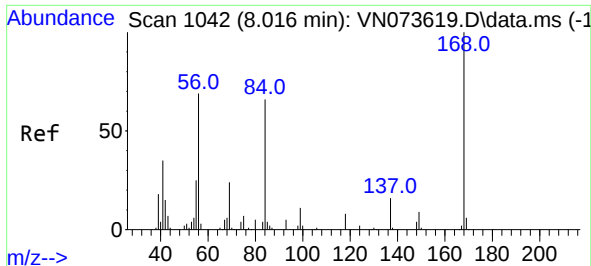
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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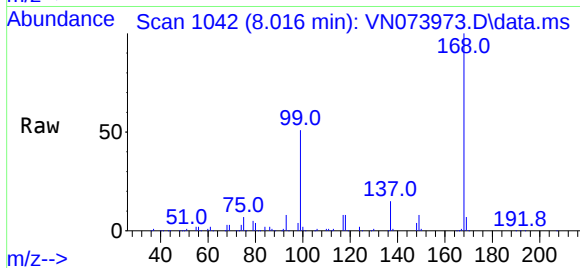
Quant Time: Aug 18 00:44:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration



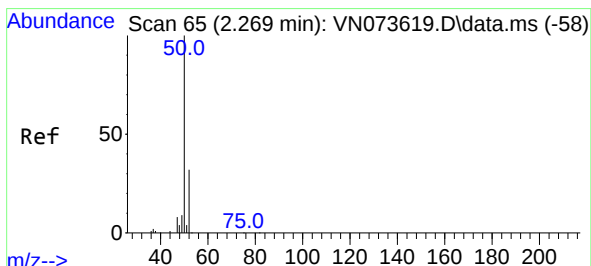
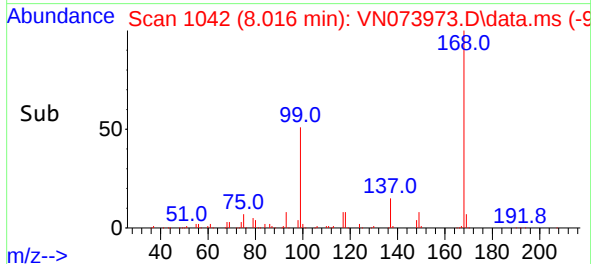
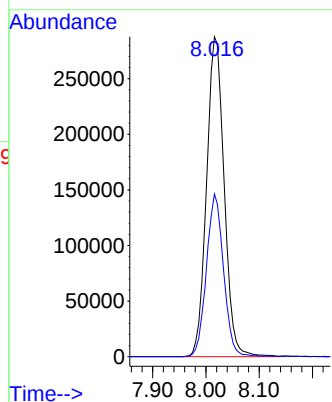


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

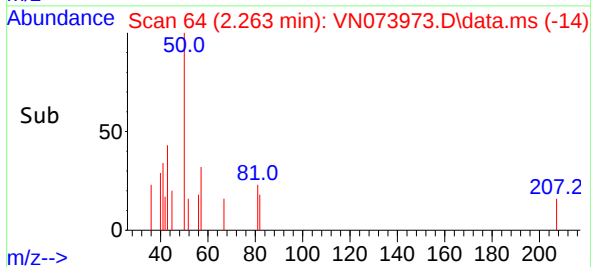
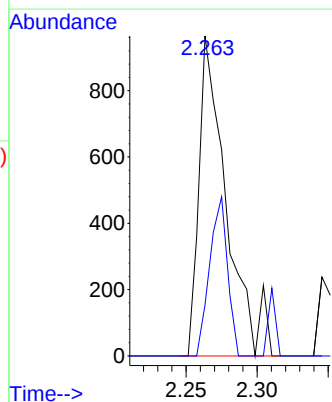
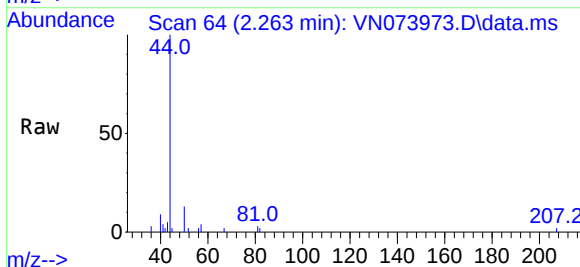


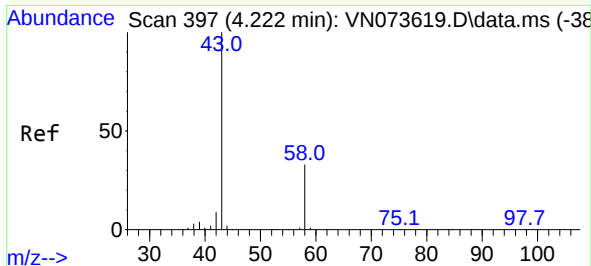
Tgt Ion:168 Resp: 660526
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Tgt Ion: 50 Resp: 1300
Ion Ratio Lower Upper
50 100
52 16.0 25.7 38.5#

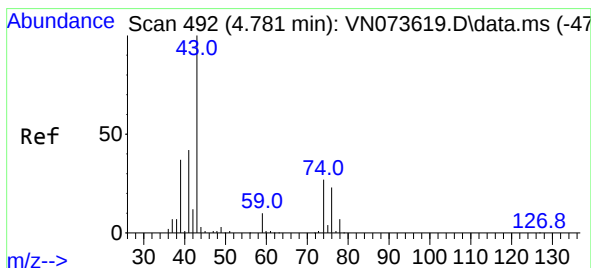
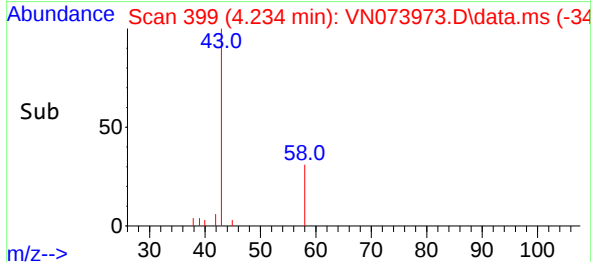
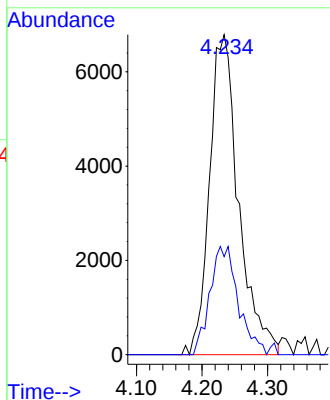
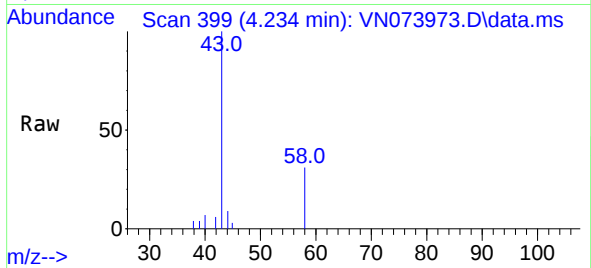




#16
Acetone
Concen: 6.879 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

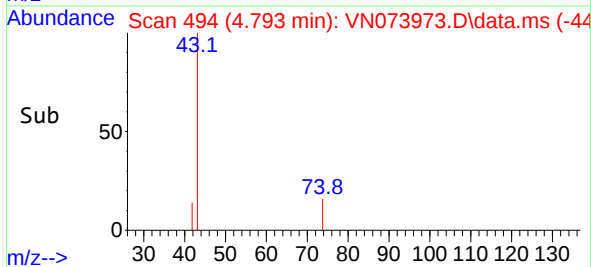
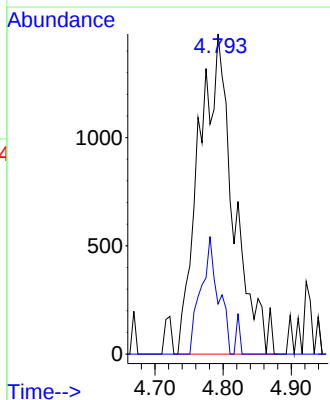
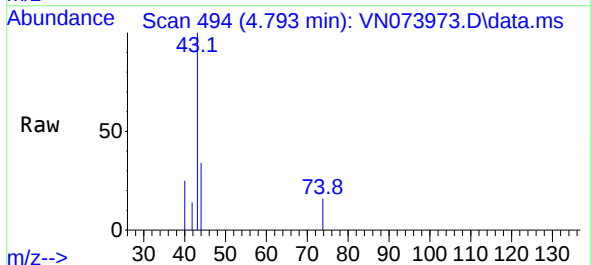
Instrument :
MSVOA_N
ClientSampleId :

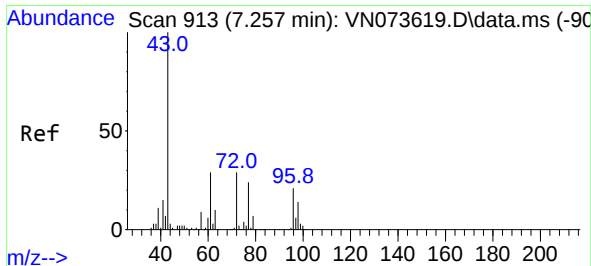
Tgt Ion: 43 Resp: 20878
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Tgt Ion: 43 Resp: 5261
Ion Ratio Lower Upper
43 100
74 18.4 21.6 32.4#





#25

2-Butanone

Concen: 1.214 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN073973.D

Acq: 17 Aug 2022 13:55

Instrument :

MSVOA_N

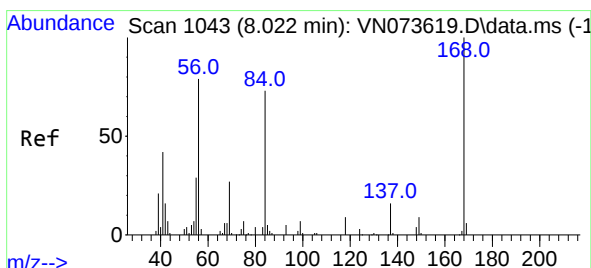
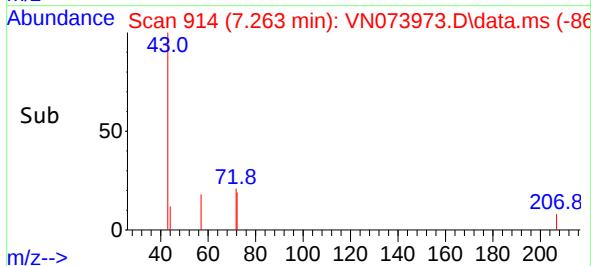
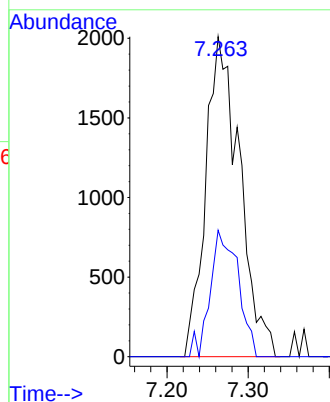
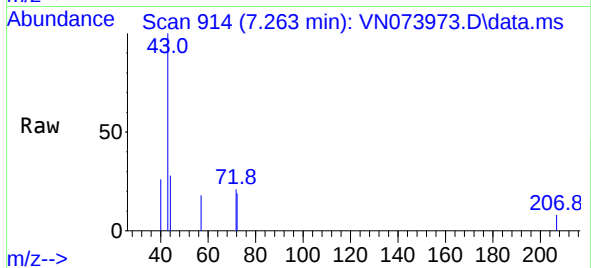
ClientSampleId :

Tgt Ion: 43 Resp: 5845

Ion Ratio Lower Upper

43 100

72 39.5 23.7 35.5#



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073973.D

Acq: 17 Aug 2022 13:55

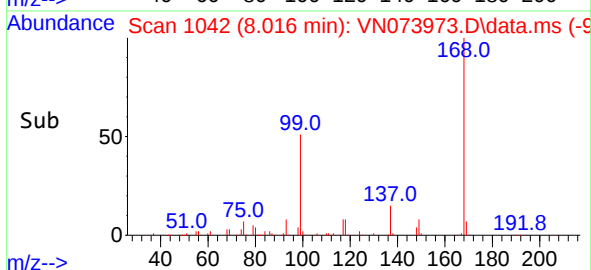
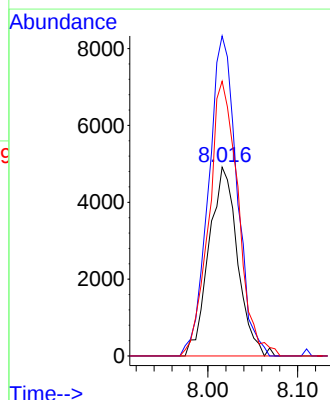
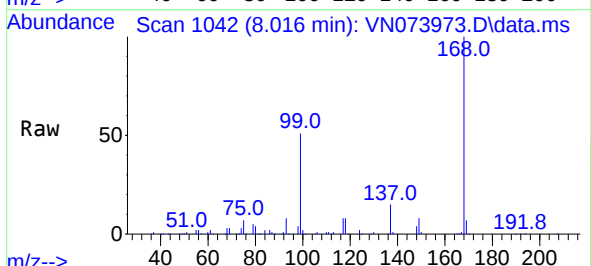
Tgt Ion: 56 Resp: 10890

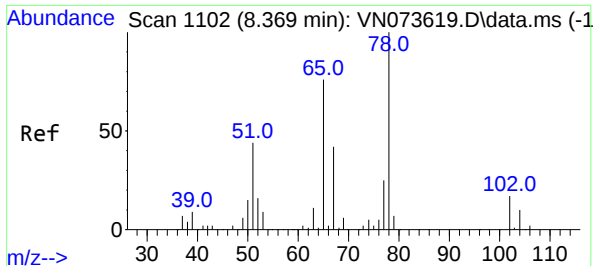
Ion Ratio Lower Upper

56 100

69 169.5 27.8 41.8#

84 145.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.116 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073973.D

Acq: 17 Aug 2022 13:55

Instrument :

MSVOA_N

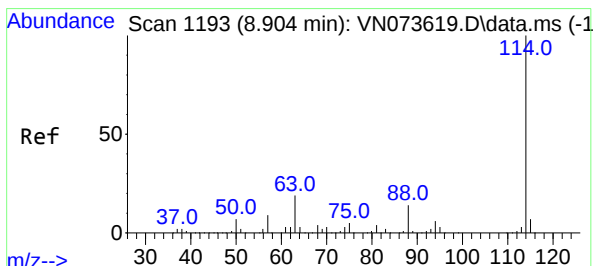
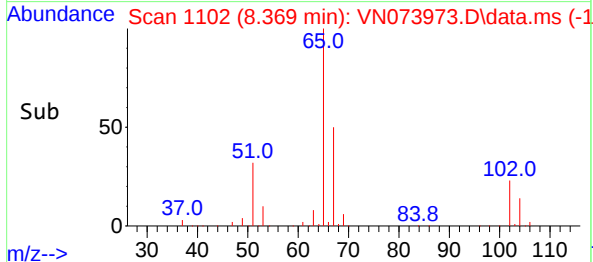
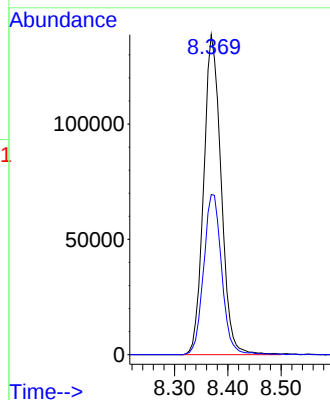
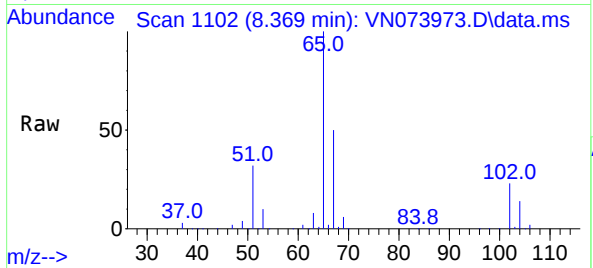
ClientSampleId :

Tgt Ion: 65 Resp: 315989

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073973.D

Acq: 17 Aug 2022 13:55

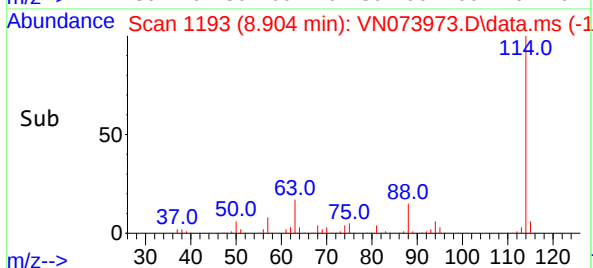
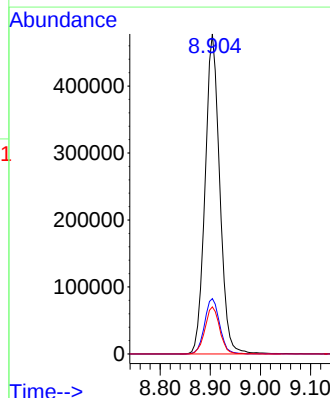
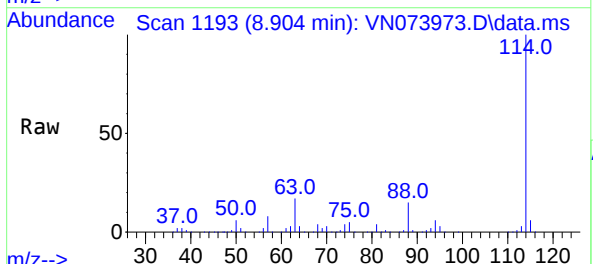
Tgt Ion: 114 Resp: 969354

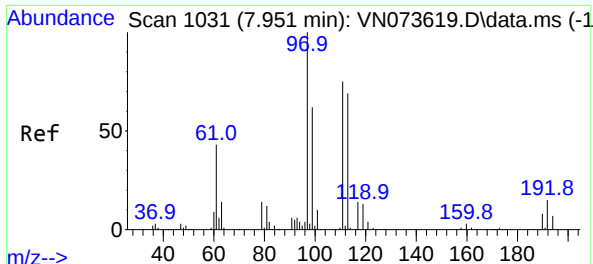
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 14.7 0.0 32.6

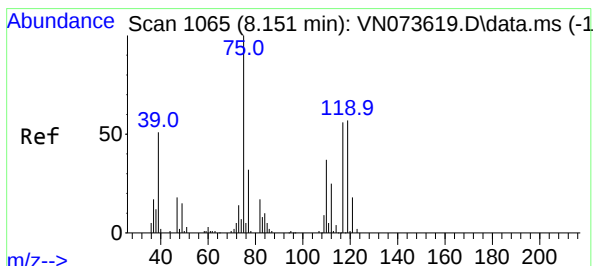
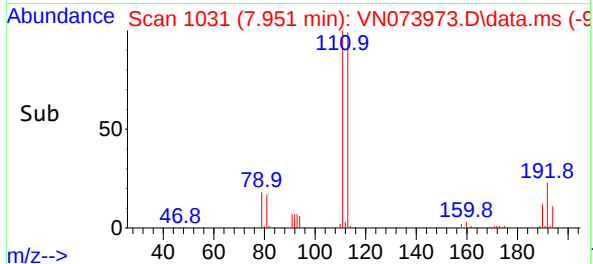
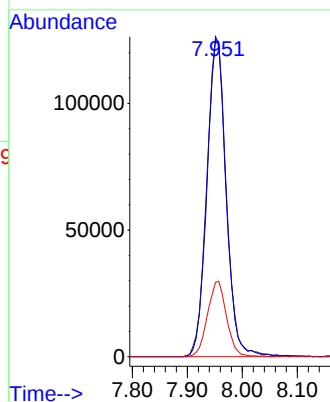
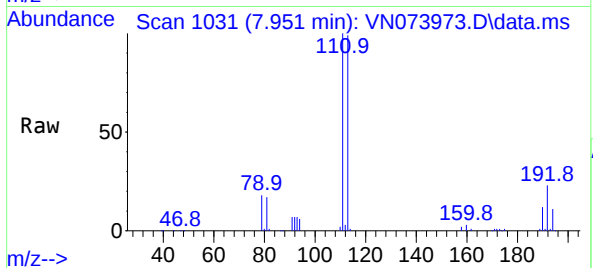




#35
Dibromofluoromethane
Concen: 52.957 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

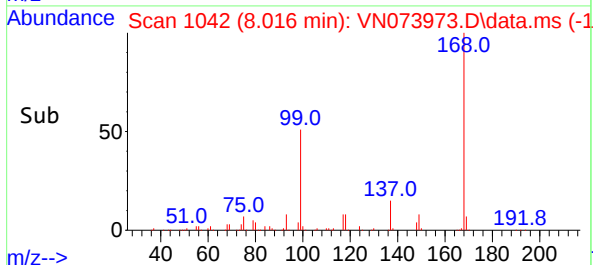
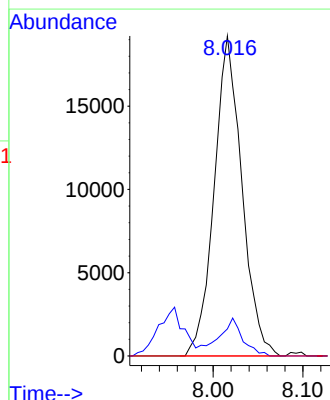
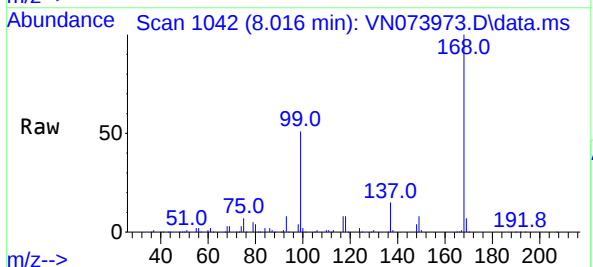
Instrument :
MSVOA_N
ClientSampleId :

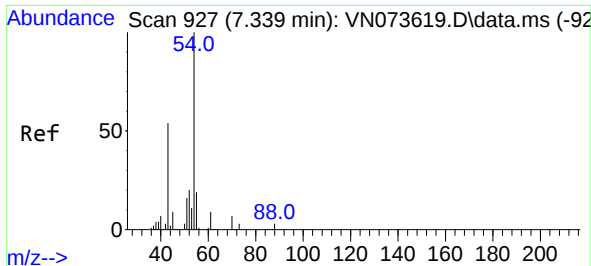
Tgt Ion:113 Resp: 303582
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 23.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

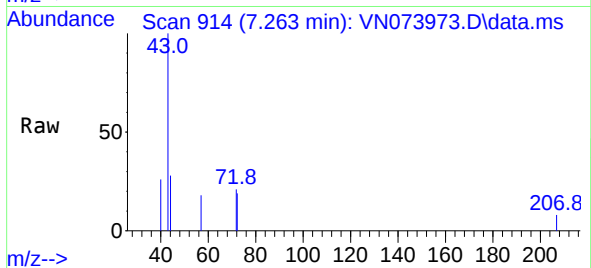
Tgt Ion: 75 Resp: 41156
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#



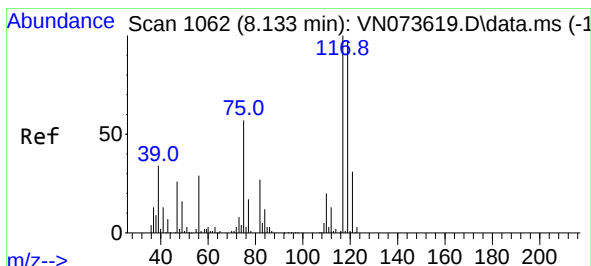
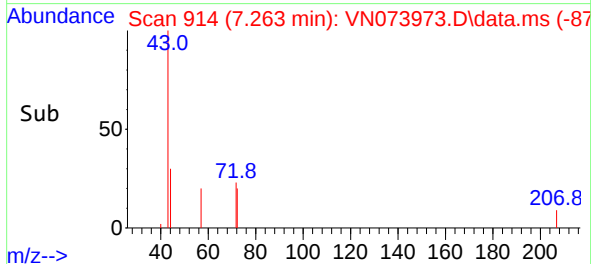
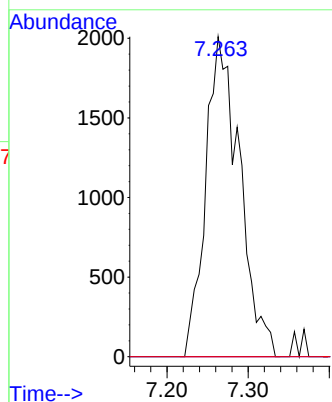


#37
Ethyl Acetate
Concen: 0.606 ug/l
RT: 7.263 min Scan# 914
Delta R.T. -0.076 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

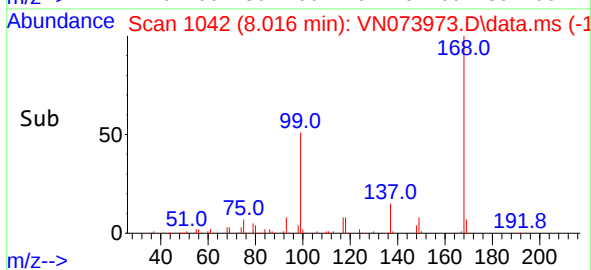
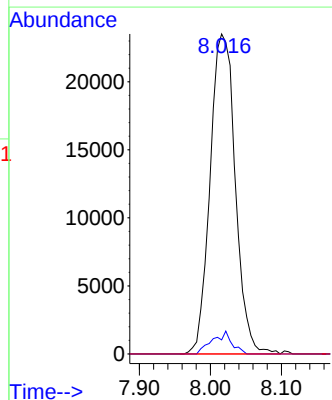
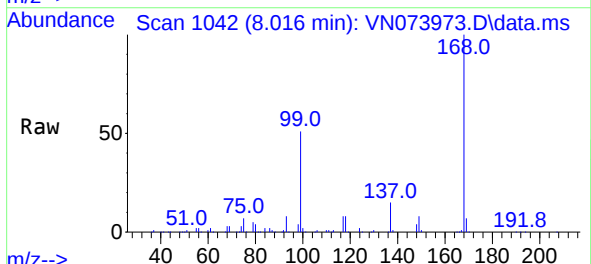


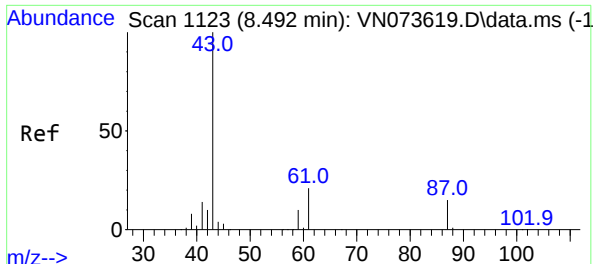
Tgt Ion: 43 Resp: 5845
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.363 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Tgt Ion: 117 Resp: 57916
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#

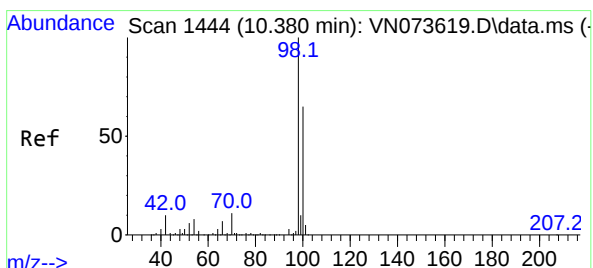
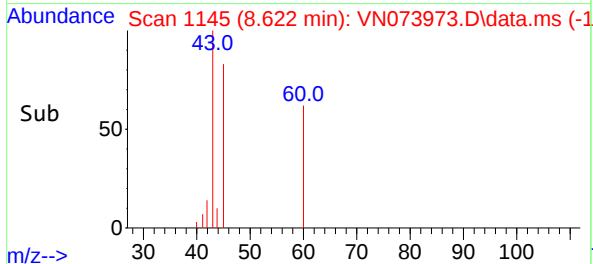
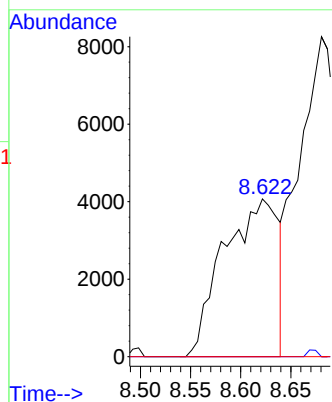
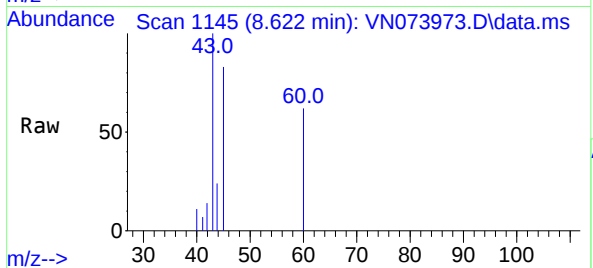




#43
Isopropyl Acetate
Concen: 1.118 ug/l
RT: 8.622 min Scan# 1123
Delta R.T. 0.130 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

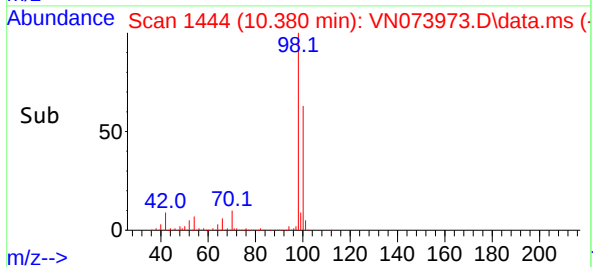
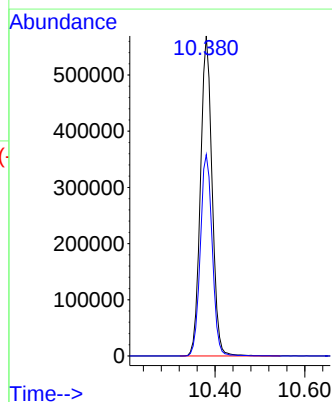
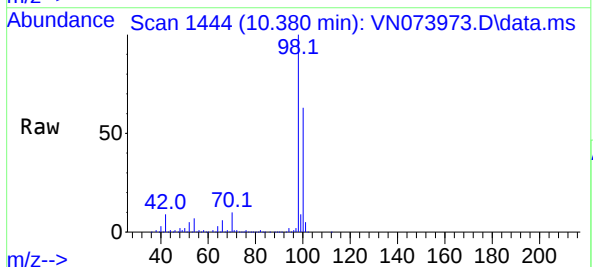
Instrument :
MSVOA_N
ClientSampleId :

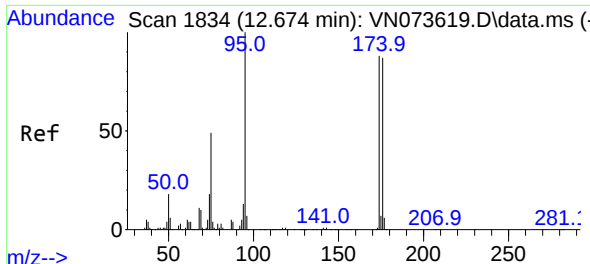
Tgt Ion: 43 Resp: 15362
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.948 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

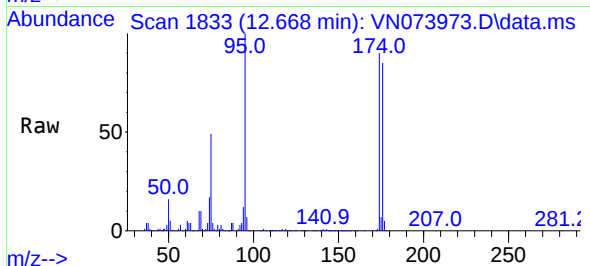
Tgt Ion: 98 Resp: 1020149
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



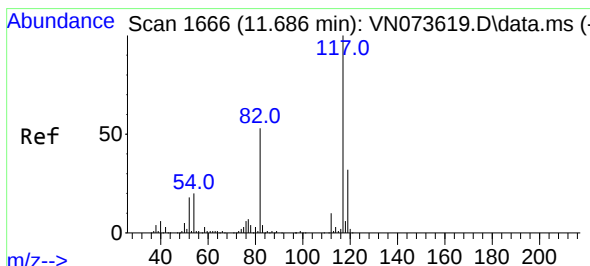
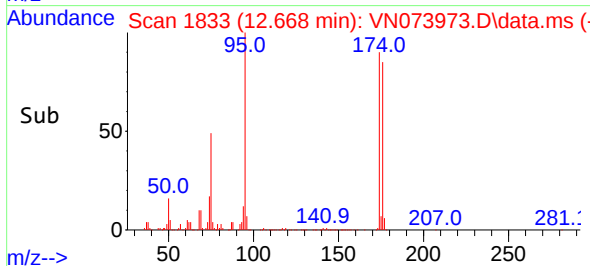
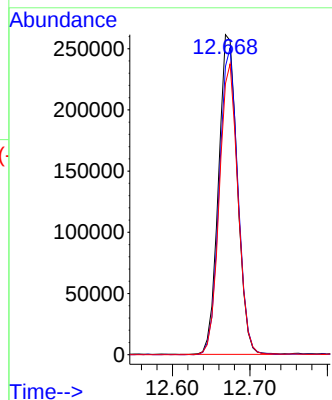


#62
4-Bromofluorobenzene
Concen: 59.909 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :

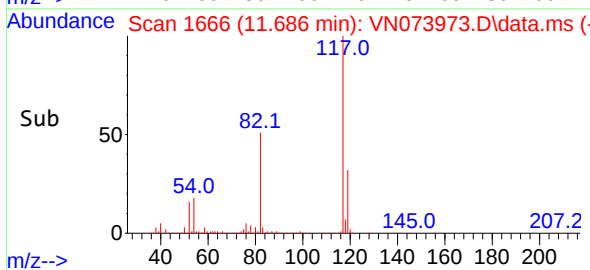
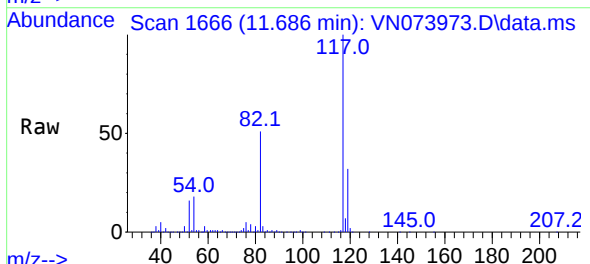
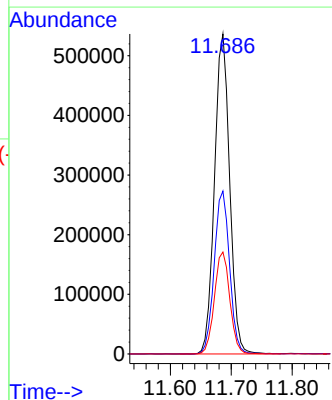


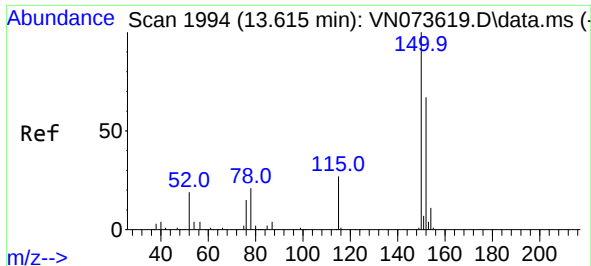
Tgt Ion: 95 Resp: 441434
Ion Ratio Lower Upper
95 100
174 94.9 0.0 167.6
176 90.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

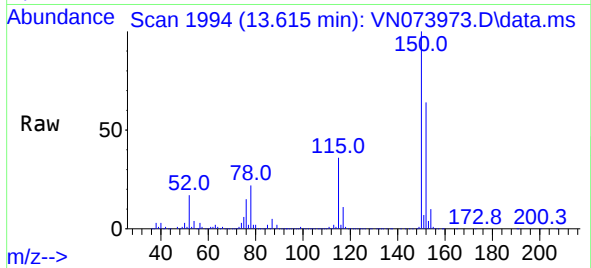
Tgt Ion: 117 Resp: 928301
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 31.9 25.4 38.0



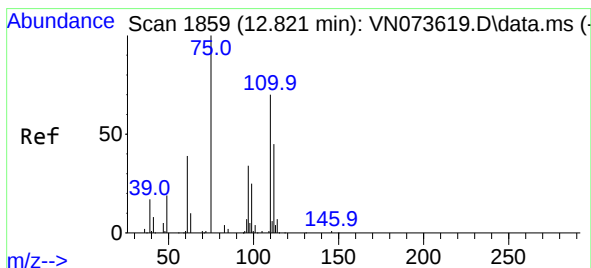
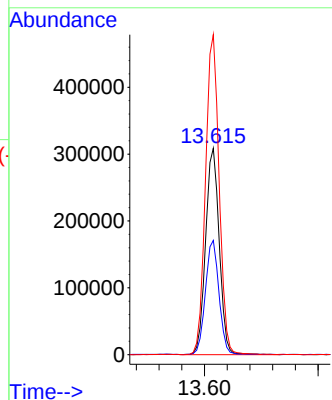
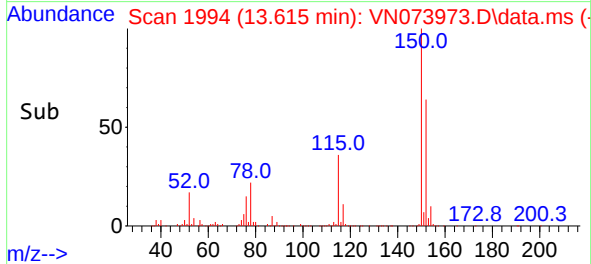


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55

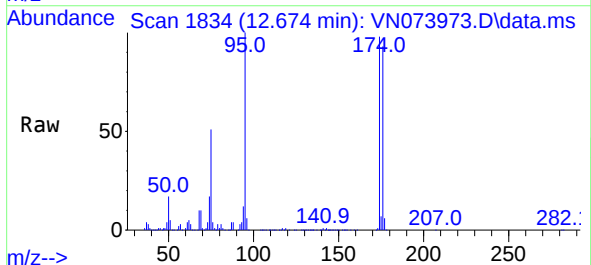
Instrument :
MSVOA_N
ClientSampleId :



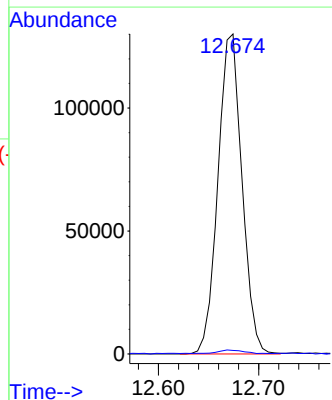
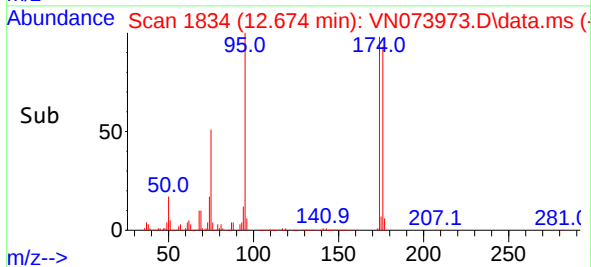
Tgt Ion:152 Resp: 513495
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 154.7 0.0 356.2

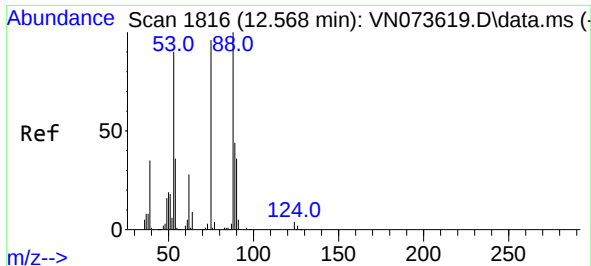


#76
1,2,3-Trichloropropane
Concen: 20.296 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073973.D
Acq: 17 Aug 2022 13:55



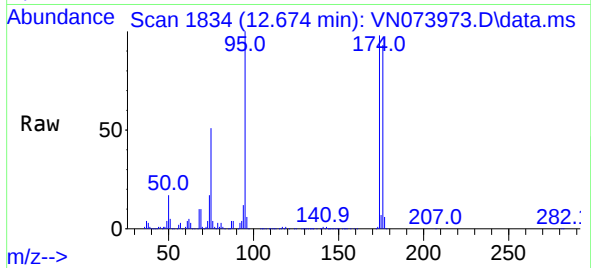
Tgt Ion: 75 Resp: 216623
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.727 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073973.D
 Acq: 17 Aug 2022 13:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 216623
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

