

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073592.D
 Acq On : 25 Jul 2022 20:30
 Operator : JC\MD
 Sample : N3876-01 2000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-02-84

Quant Time: Jul 26 02:19:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

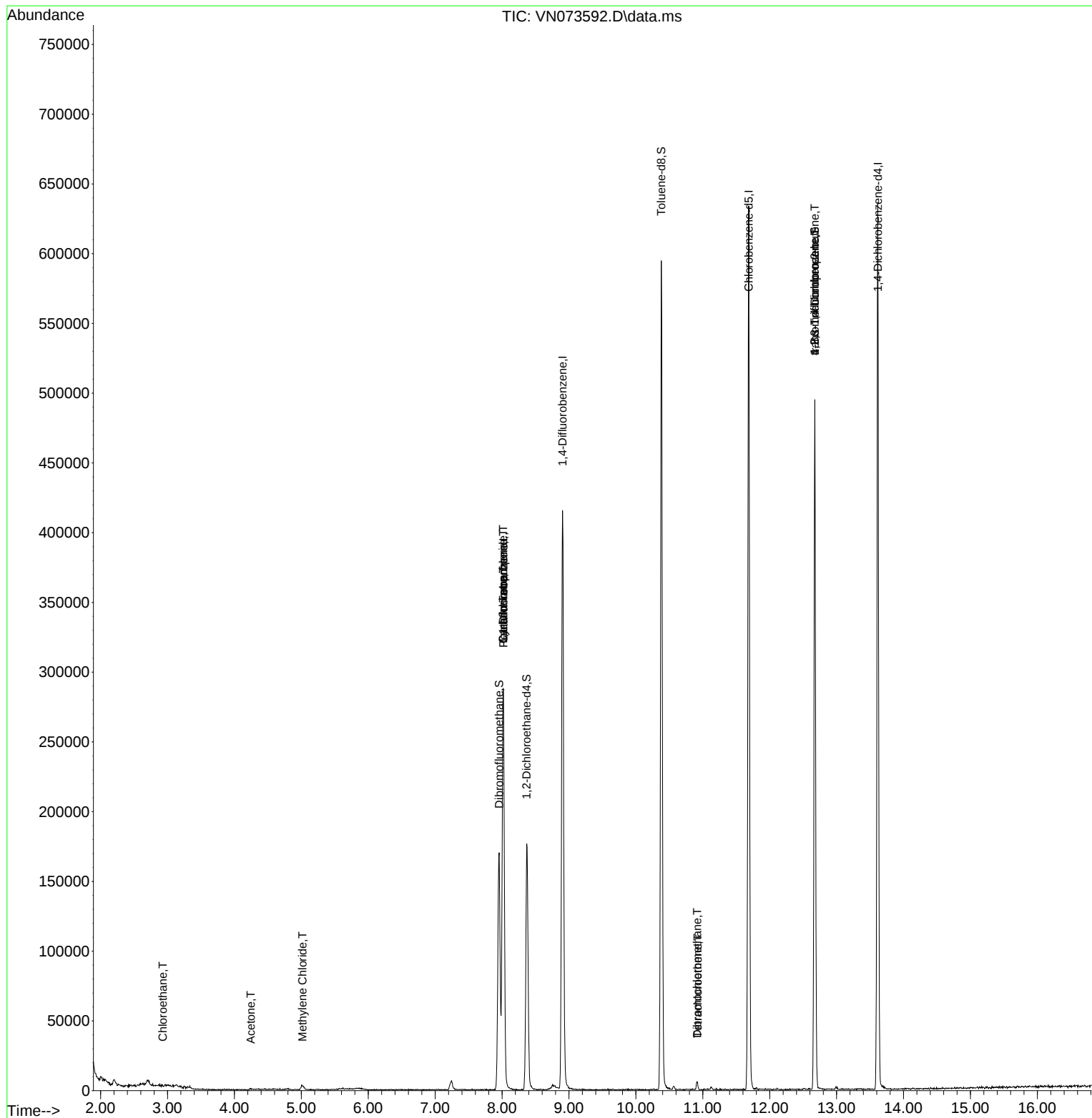
Internal Standards						
1) Pentafluorobenzene	8.022	168	221064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	367463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	341870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	164968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	146477	45.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.800%		
35) Dibromofluoromethane	7.957	113	124120	50.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.540%		
50) Toluene-d8	10.380	98	398023	45.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.680%		
62) 4-Bromofluorobenzene	12.674	95	161192	48.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.620%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.928	64	802	0.511	ug/l #	42
16) Acetone	4.246	43	843	0.471	ug/l	99
20) Methylene Chloride	5.016	84	2580	0.820	ug/l	93
31) Cyclohexane	8.016	56	5099	0.976	ug/l #	21
36) 1,1-Dichloropropene	8.016	75	19349	5.144	ug/l #	48
38) Carbon Tetrachloride	8.016	117	22390	5.756	ug/l #	17
60) Dibromochloromethane	10.916	129	1216	0.432	ug/l #	11
64) Tetrachloroethene	10.922	164	1095	0.392	ug/l #	77
76) 1,2,3-Trichloropropane	12.674	75	85090	19.726	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	85090	54.098	ug/l #	11

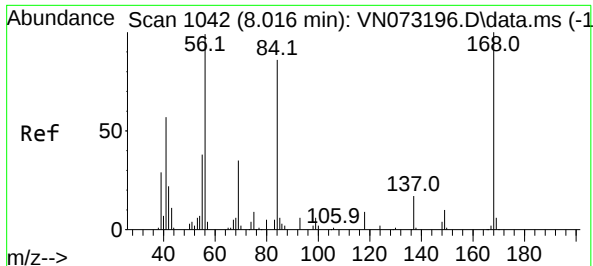
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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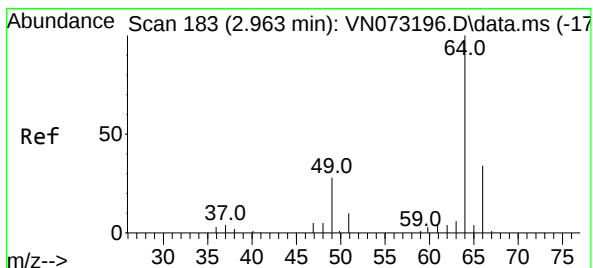
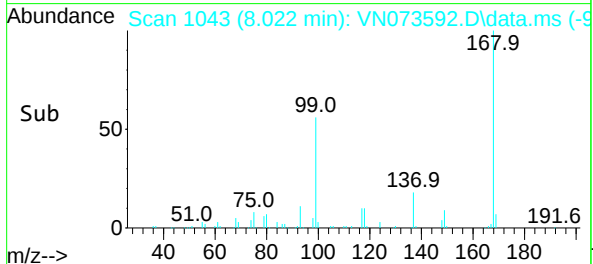
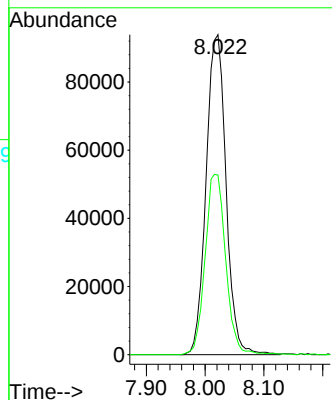
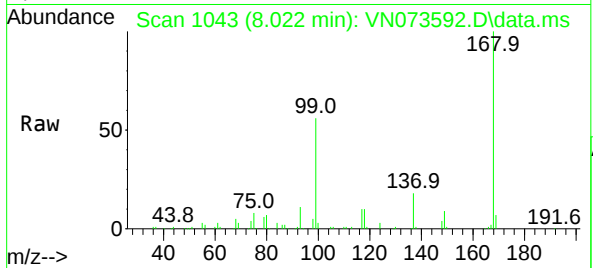




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

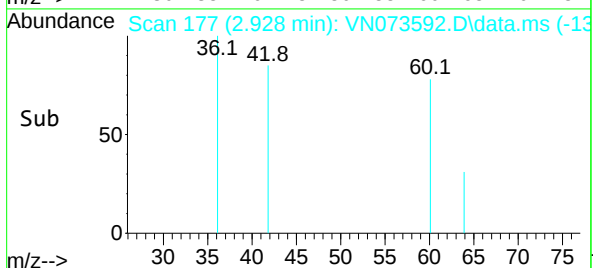
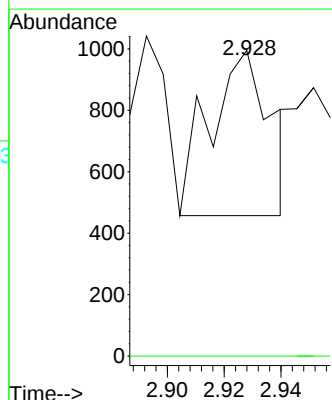
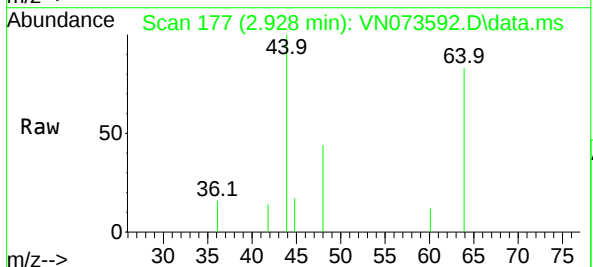
Instrument :
MSVOA_N
ClientSampleId :
SPC-02-84

Tgt Ion:168 Resp: 221064
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5



#6
Chloroethane
Concen: 0.511 ug/l
RT: 2.928 min Scan# 177
Delta R.T. -0.035 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion: 64 Resp: 802
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

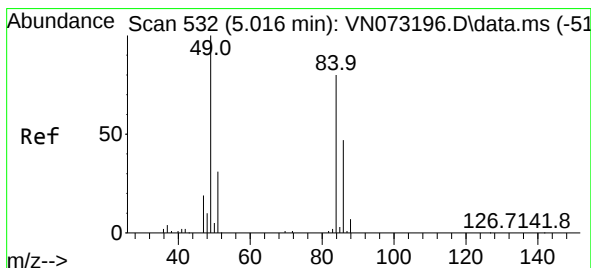
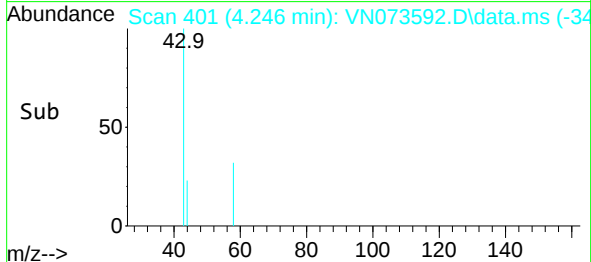
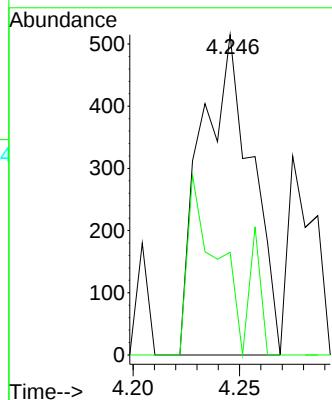
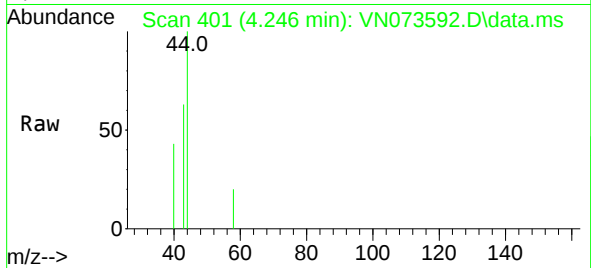




#16
Acetone
Concen: 0.471 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

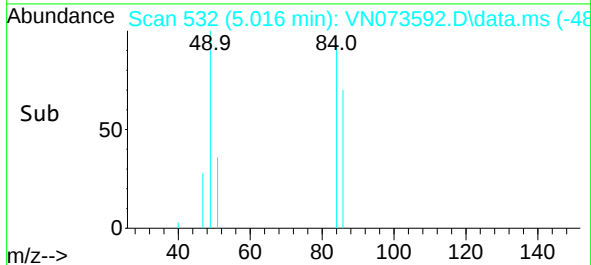
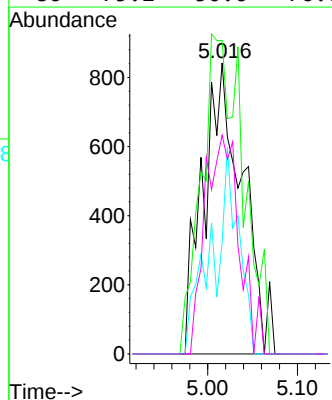
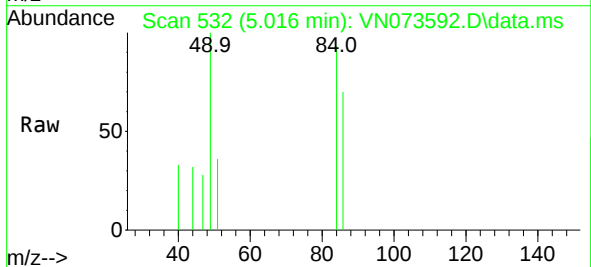
Instrument :
MSVOA_N
ClientSampleId :
SPC-02-84

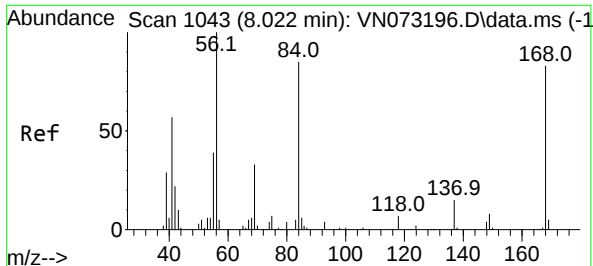
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 32.0 26.0 39.0



#20
Methylene Chloride
Concen: 0.820 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion: 84 Resp: 2580
Ion Ratio Lower Upper
84 100
49 107.7 88.3 132.5
51 38.4 28.2 42.2
86 75.2 50.6 76.0





#31

Cyclohexane

Concen: 0.976 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073592.D

Acq: 25 Jul 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

SPC-02-84

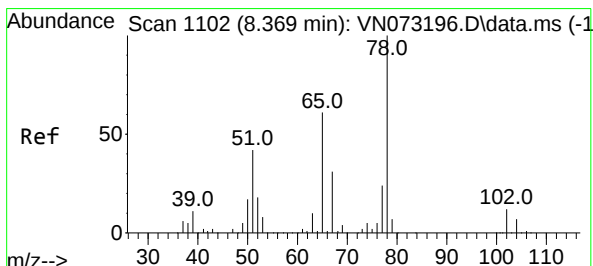
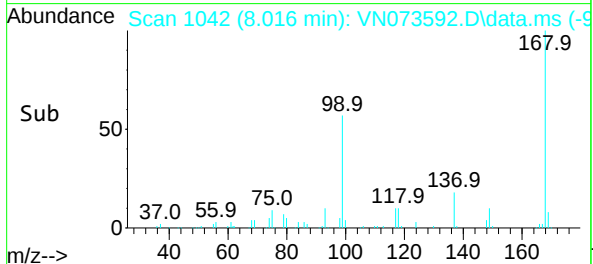
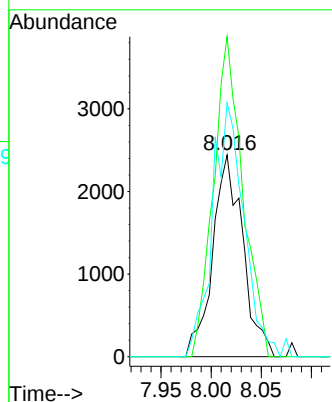
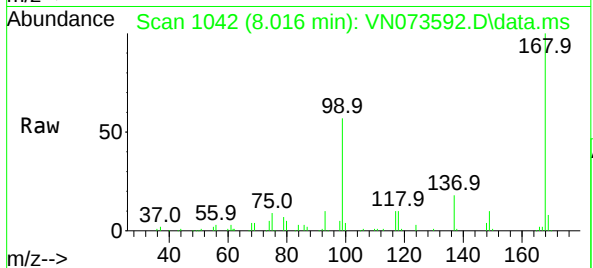
Tgt Ion: 56 Resp: 5099

Ion Ratio Lower Upper

56 100

69 158.7 27.8 41.8#

84 125.9 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 45.899 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073592.D

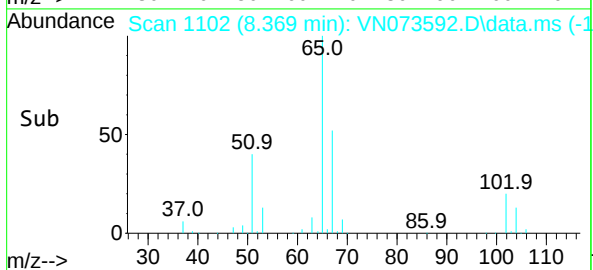
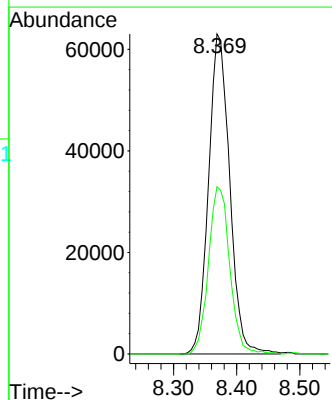
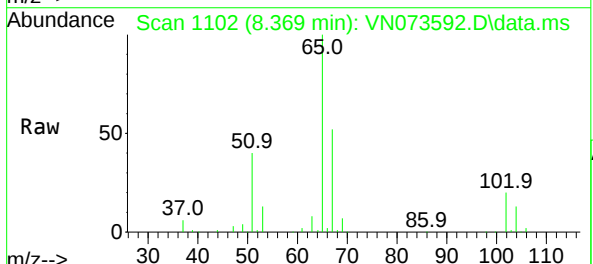
Acq: 25 Jul 2022 20:30

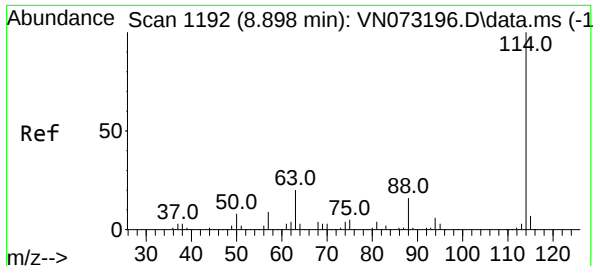
Tgt Ion: 65 Resp: 146477

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073592.D

Acq: 25 Jul 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

SPC-02-84

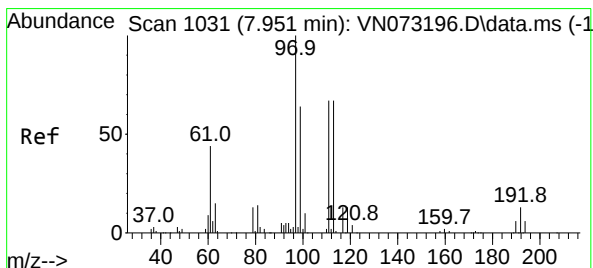
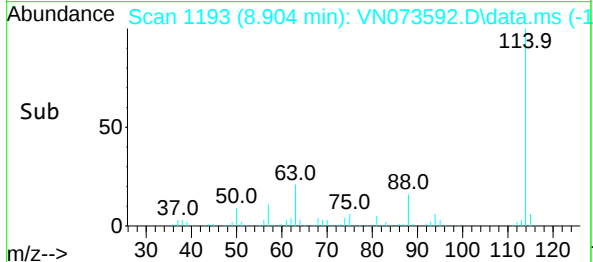
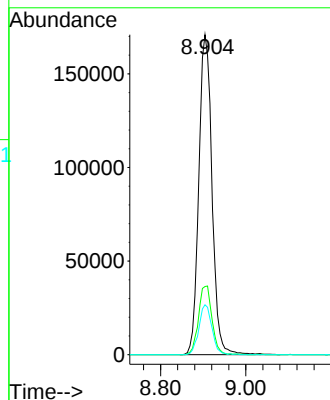
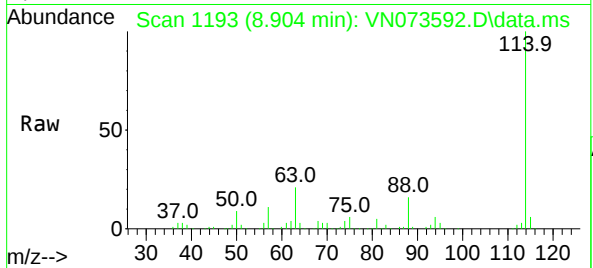
Tgt Ion:114 Resp: 367463

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.769 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073592.D

Acq: 25 Jul 2022 20:30

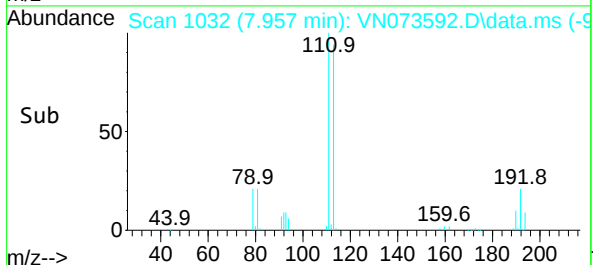
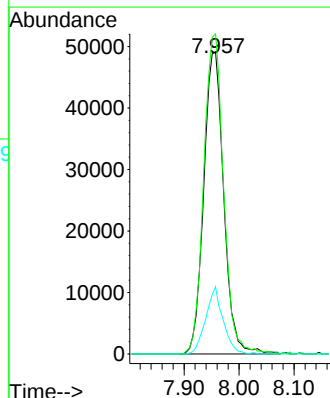
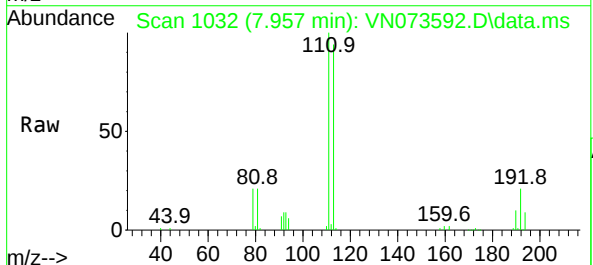
Tgt Ion:113 Resp: 124120

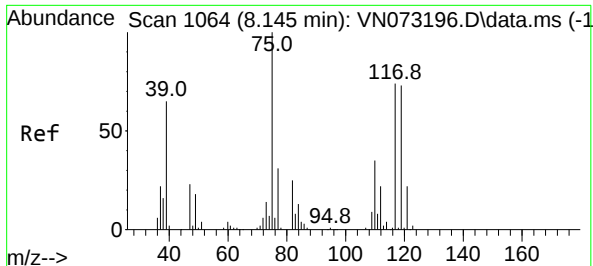
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 19.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.144 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073592.D

Acq: 25 Jul 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

SPC-02-84

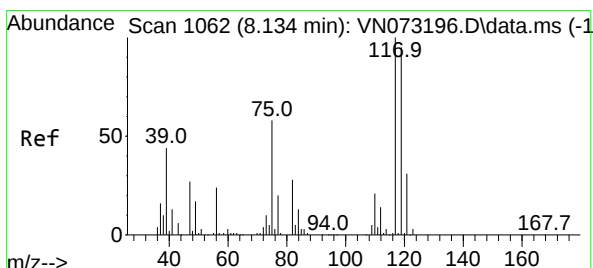
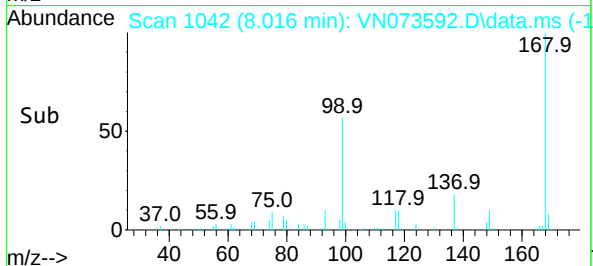
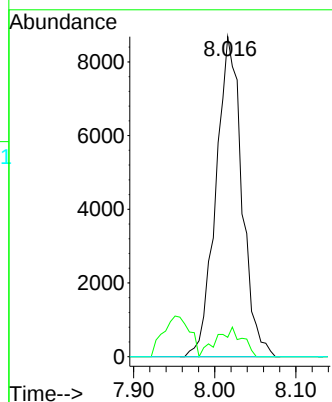
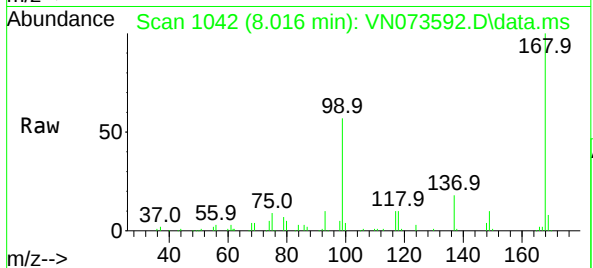
Tgt Ion: 75 Resp: 19349

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.756 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073592.D

Acq: 25 Jul 2022 20:30

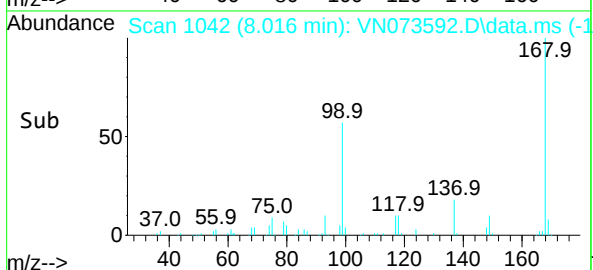
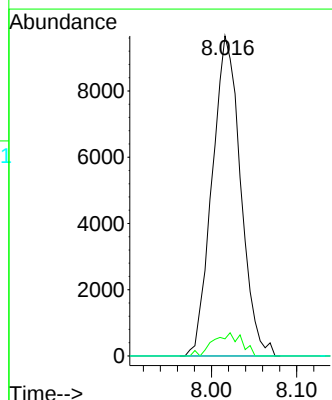
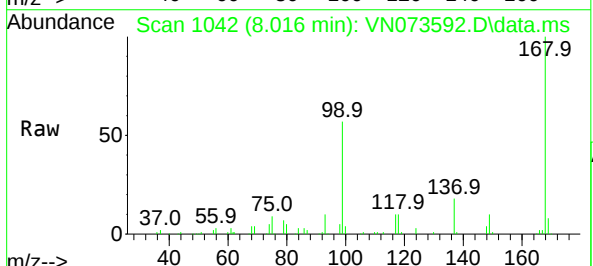
Tgt Ion: 117 Resp: 22390

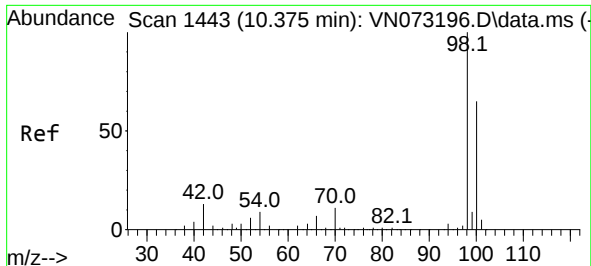
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

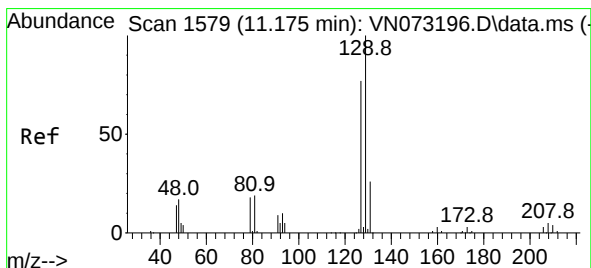
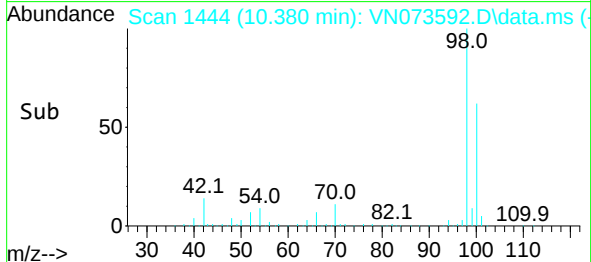
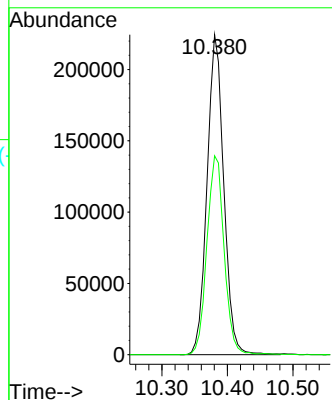
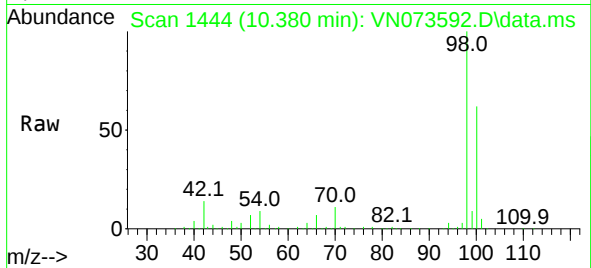




#50
Toluene-d8
Concen: 45.839 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

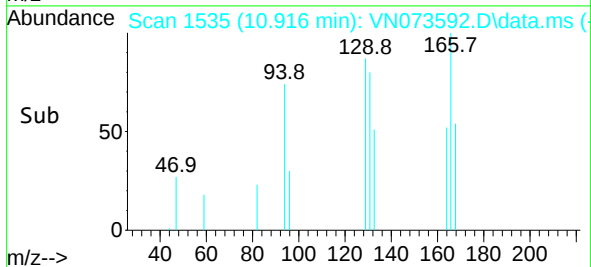
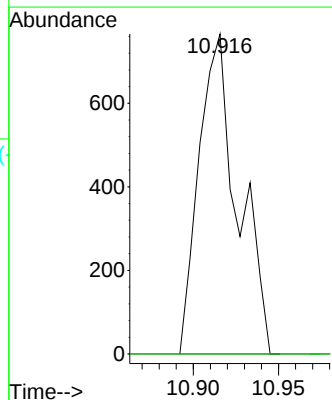
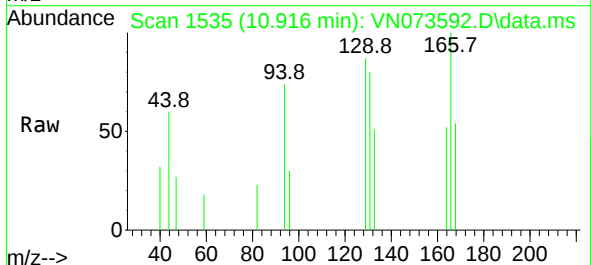
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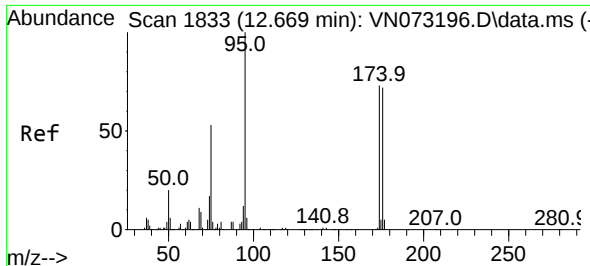
Tgt Ion: 98 Resp: 398023
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#60
Dibromochloromethane
Concen: 0.432 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.259 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion:129 Resp: 1216
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

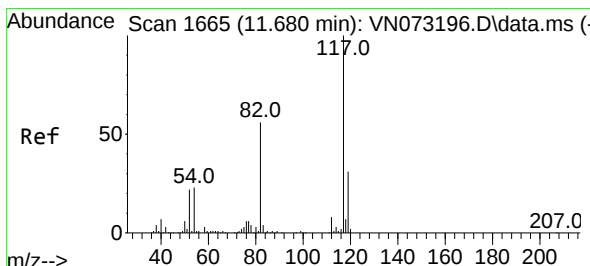
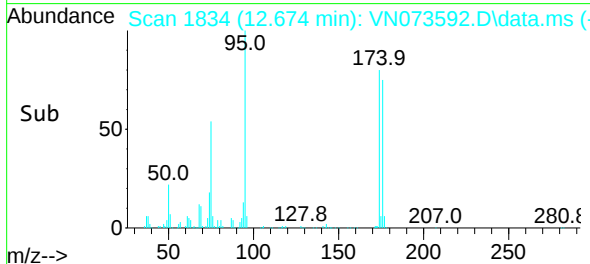
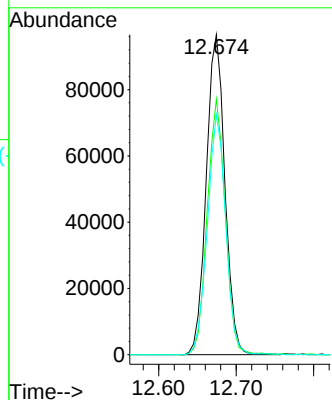
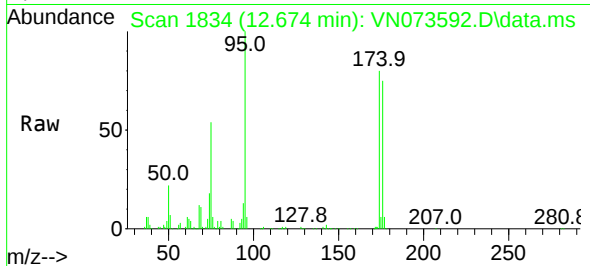




#62
4-Bromofluorobenzene
Concen: 48.307 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

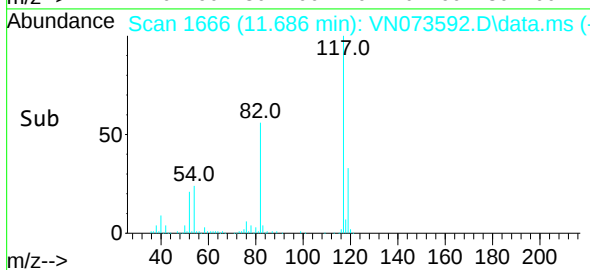
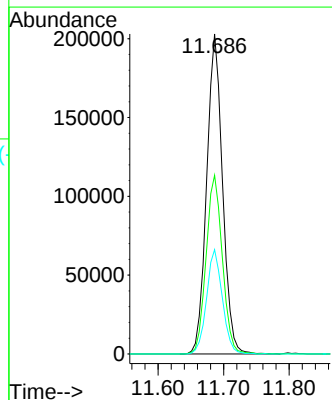
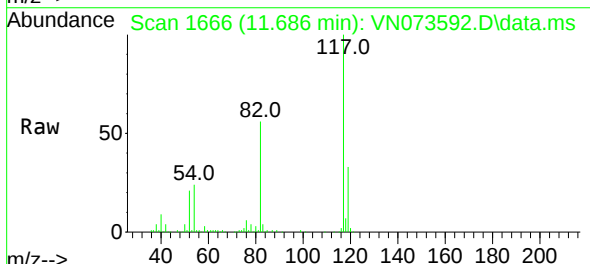
Instrument :
MSVOA_N
ClientSampleId :
SPC-02-84

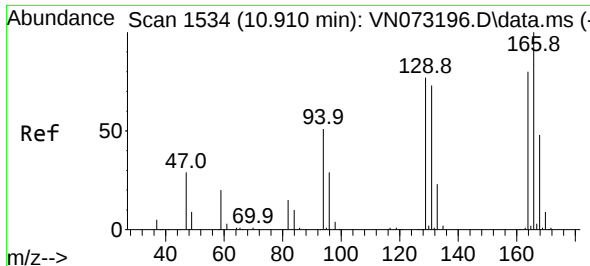
Tgt Ion: 95 Resp: 161192
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 74.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion: 117 Resp: 341870
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.6 25.4 38.0

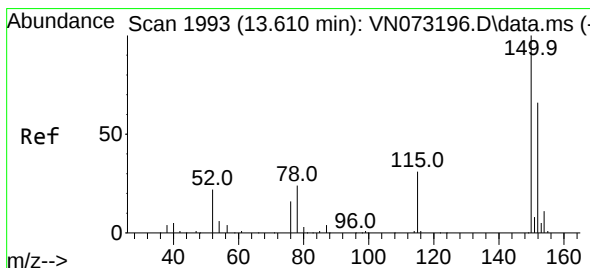
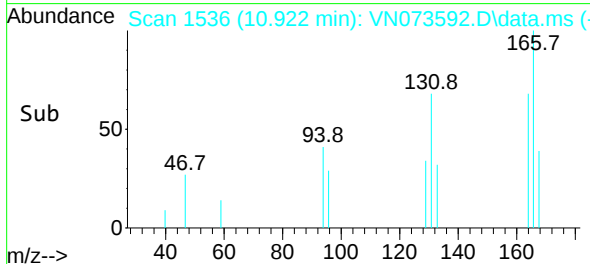
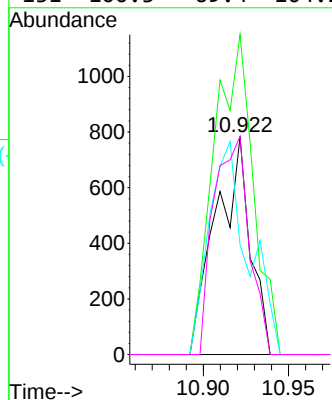
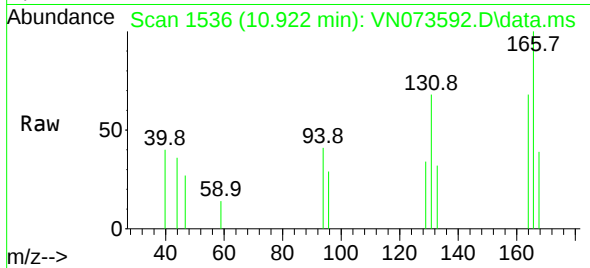




#64
Tetrachloroethene
Concen: 0.392 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

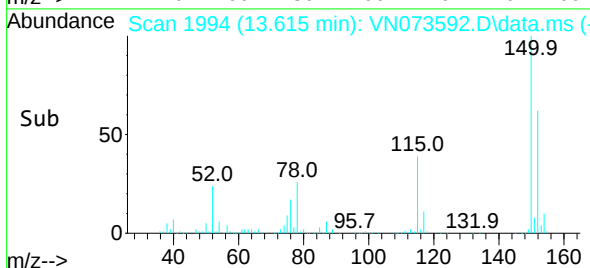
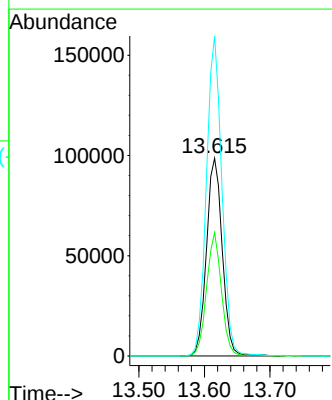
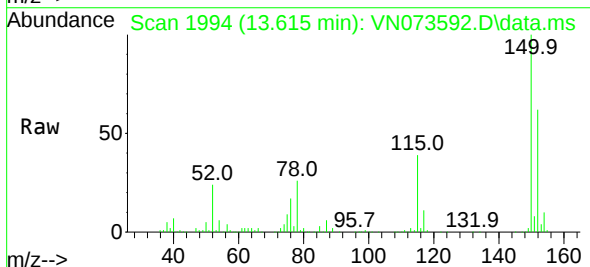
Instrument :
MSVOA_N
ClientSampleId :
SPC-02-84

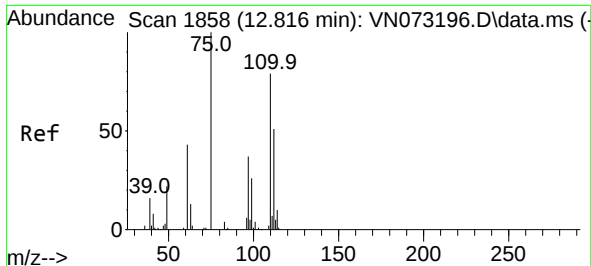
Tgt Ion:164 Resp: 1095
Ion Ratio Lower Upper
164 100
166 146.9 104.2 156.2
129 50.3 73.9 110.9#
131 100.3 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion:152 Resp: 164968
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 158.5 0.0 356.2

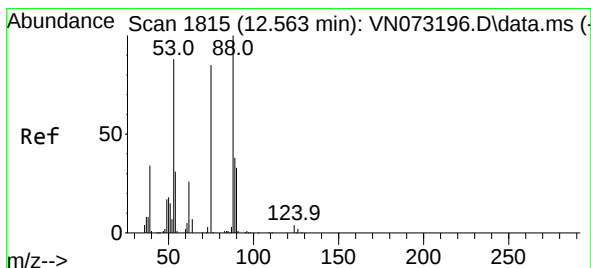
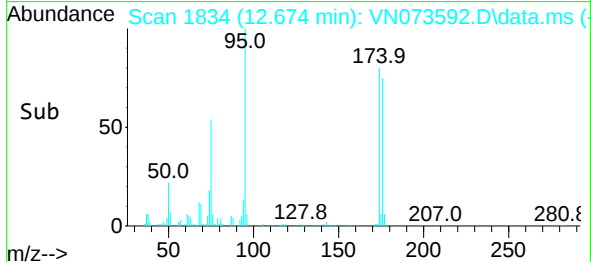
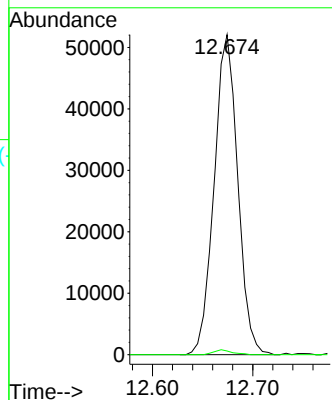
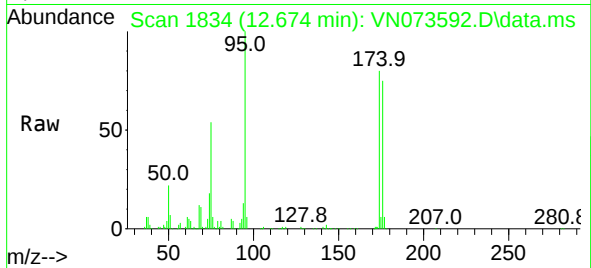




#76
1,2,3-Trichloropropane
Concen: 19.726 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
SPC-02-84

Tgt Ion: 75 Resp: 85090
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.098 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073592.D
Acq: 25 Jul 2022 20:30

Tgt Ion: 75 Resp: 85090
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

