

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073516.D
 Acq On : 19 Jul 2022 15:15
 Operator : JC\MD
 Sample : N3765-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-91BN-84

Quant Time: Jul 20 06:25:01 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)

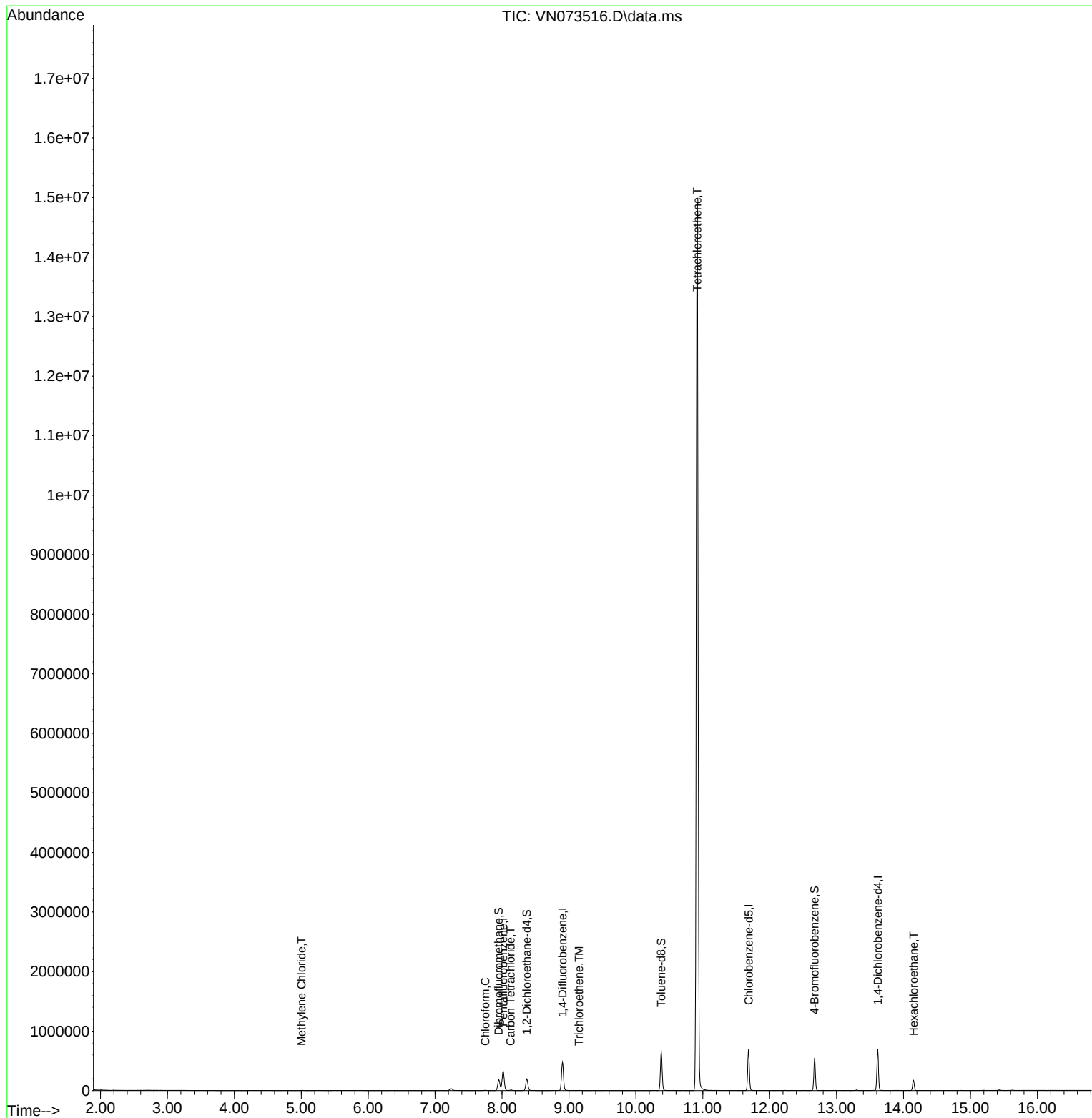
Internal Standards						
1) Pentafluorobenzene	8.016	168	243605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	416242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	388575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	182570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	160319	45.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.180%		
35) Dibromofluoromethane	7.951	113	135583	48.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.381	98	444114	45.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.300%		
62) 4-Bromofluorobenzene	12.669	95	182484	48.279	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						Qvalue
20) Methylene Chloride	5.004	84	2434	0.702	ug/l #	91
30) Chloroform	7.751	83	4861	0.827	ug/l	98
38) Carbon Tetrachloride	8.128	117	7366	1.672	ug/l	86
44) Trichloroethene	9.151	130	1218	0.364	ug/l	50
64) Tetrachloroethene	10.916	164	3270093	1030.600	ug/l	91
90) Hexachloroethane	14.151	117	34176	14.675	ug/l	85

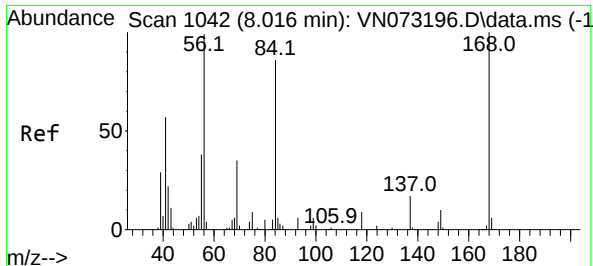
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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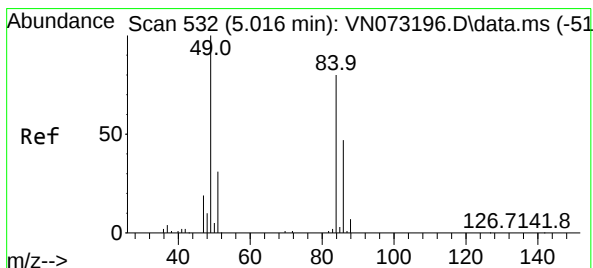
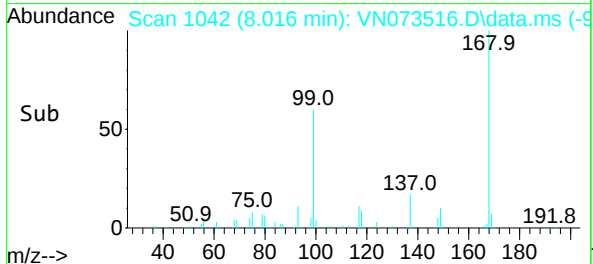
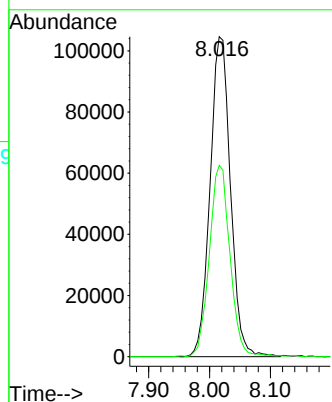
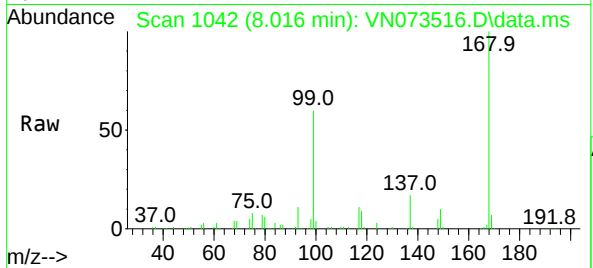




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

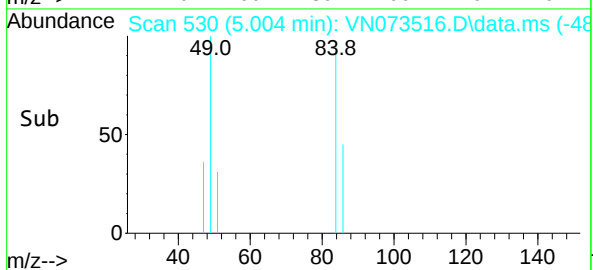
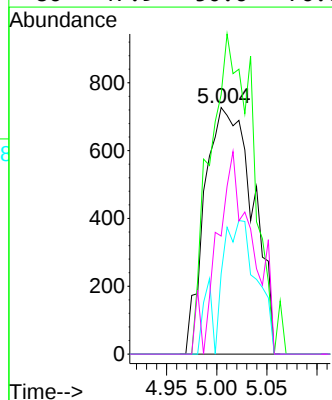
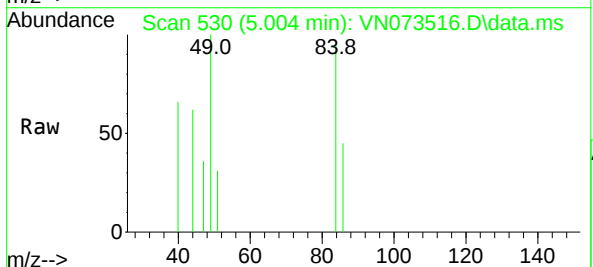
Instrument :
MSVOA_N
ClientSampleId :
SPC-91BN-84

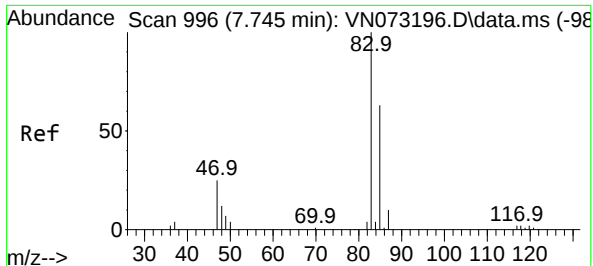
Tgt Ion:168 Resp: 243605
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

Tgt Ion: 84 Resp: 2434
Ion Ratio Lower Upper
84 100
49 105.2 88.3 132.5
51 32.6 28.2 42.2
86 47.9 50.6 76.0#

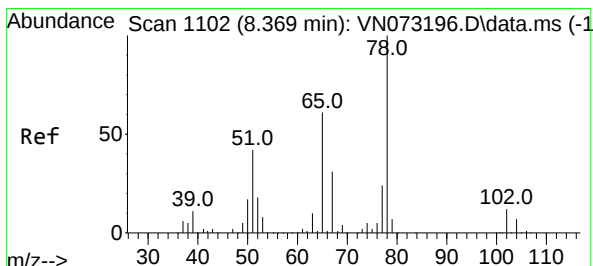
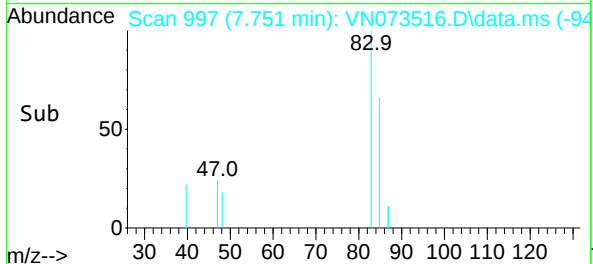
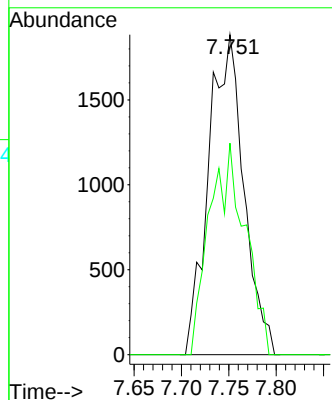
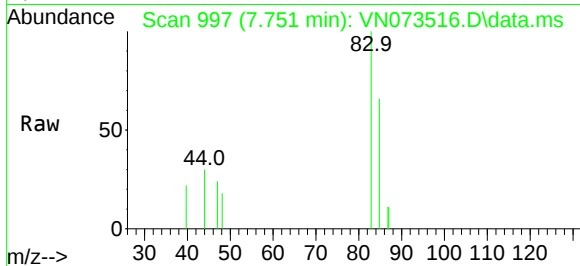




#30
Chloroform
Concen: 0.827 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

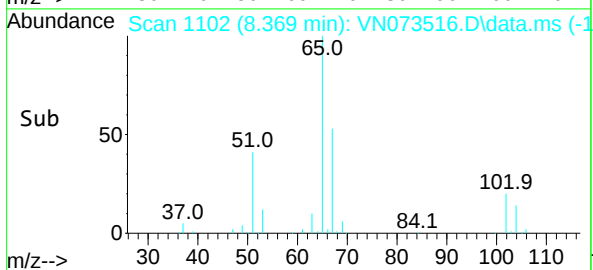
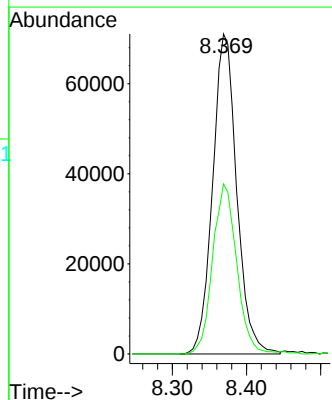
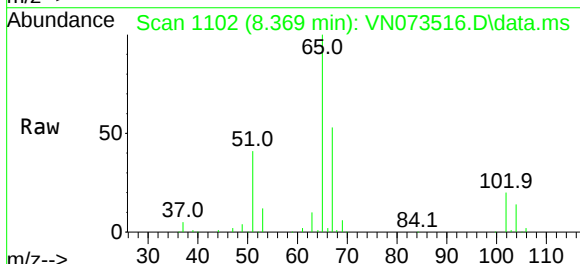
Instrument :
MSVOA_N
ClientSampleId :
SPC-91BN-84

Tgt Ion: 83 Resp: 4861
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 45.588 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

Tgt Ion: 65 Resp: 160319
Ion Ratio Lower Upper
65 100
67 53.3 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: VN073516.D

Acq: 19 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

SPC-91BN-84

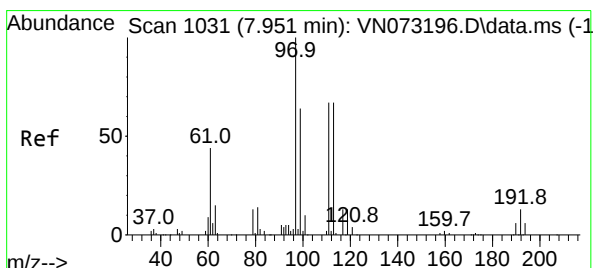
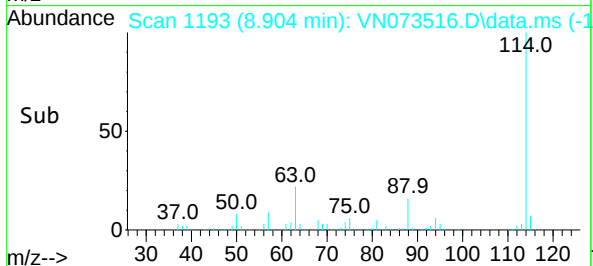
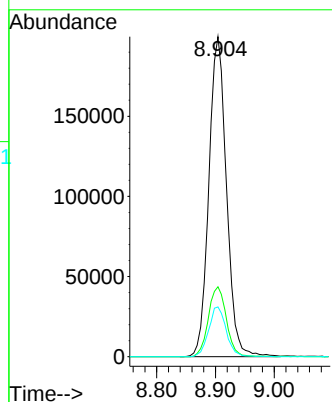
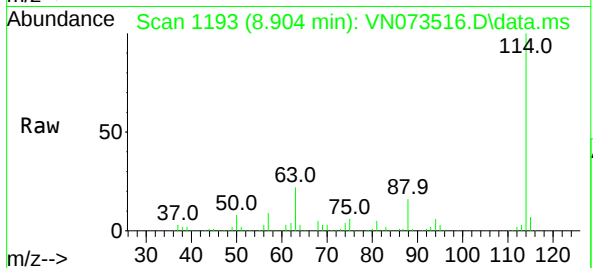
Tgt Ion:114 Resp: 416242

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.959 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073516.D

Acq: 19 Jul 2022 15:15

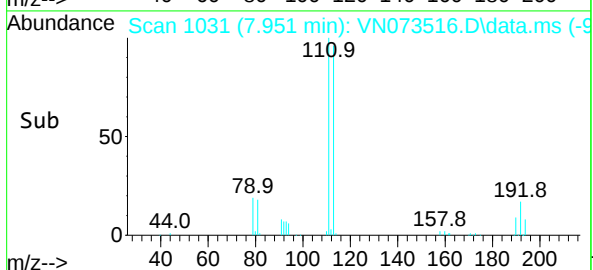
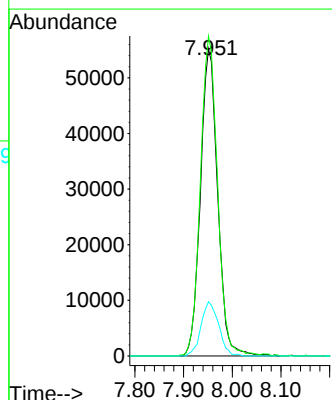
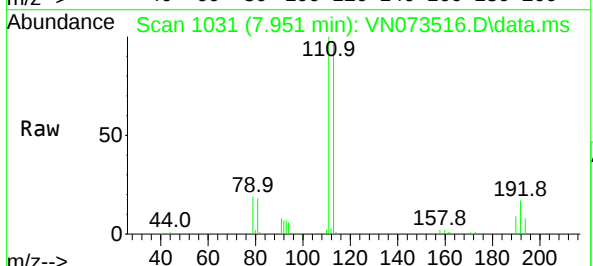
Tgt Ion:113 Resp: 135583

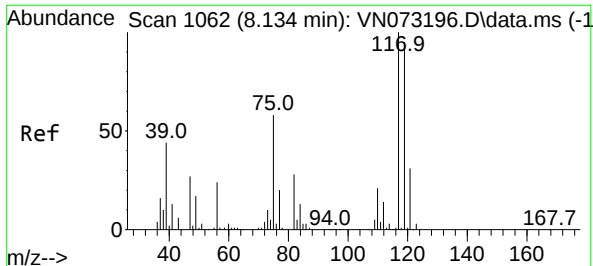
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.1 17.0 25.6

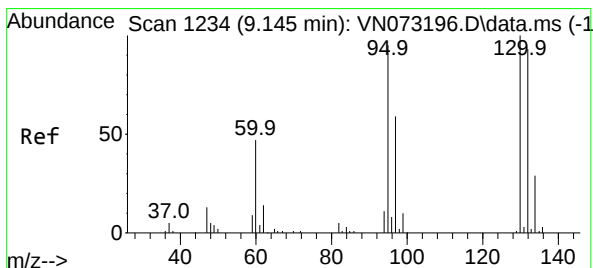
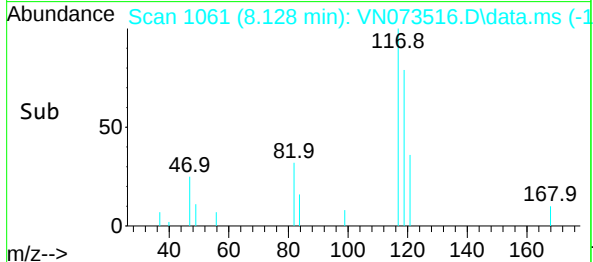
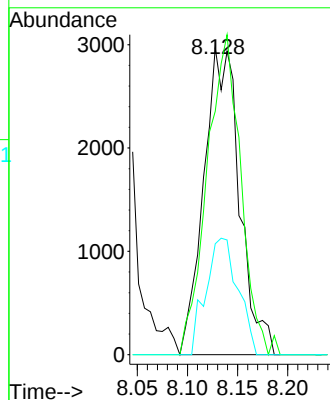
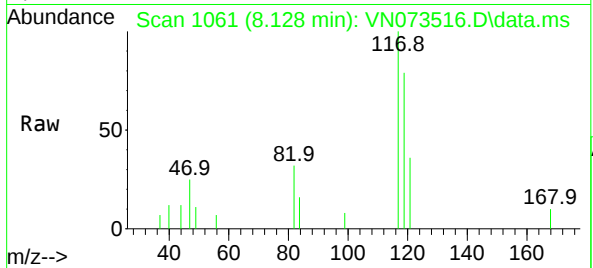




#38
Carbon Tetrachloride
Concen: 1.672 ug/l
RT: 8.128 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

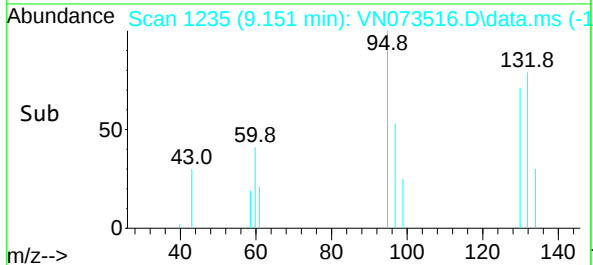
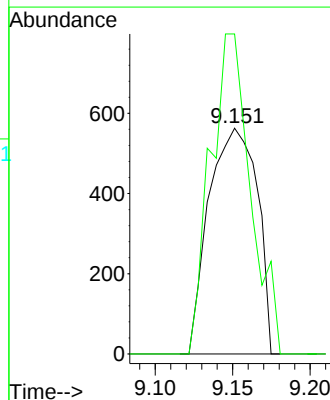
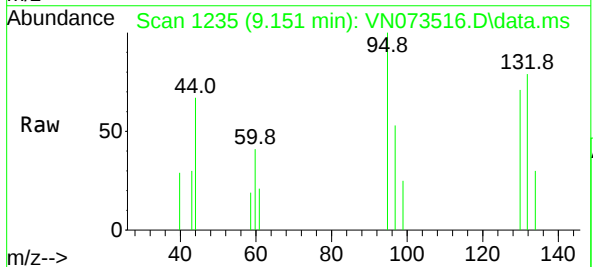
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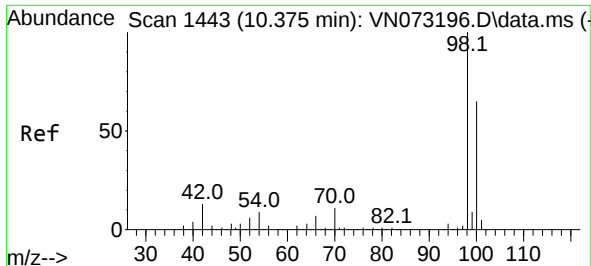
Tgt Ion:117 Resp: 7366
Ion Ratio Lower Upper
117 100
119 79.3 75.8 113.8
121 36.1 24.6 37.0



#44
Trichloroethene
Concen: 0.364 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

Tgt Ion:130 Resp: 1218
Ion Ratio Lower Upper
130 100
95 141.7 0.0 186.8

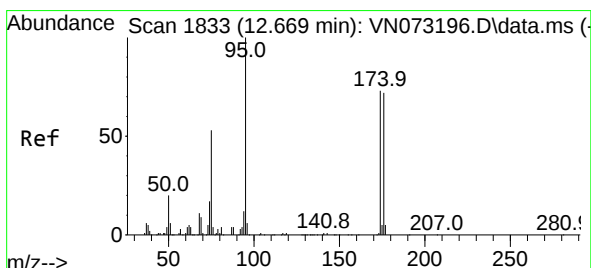
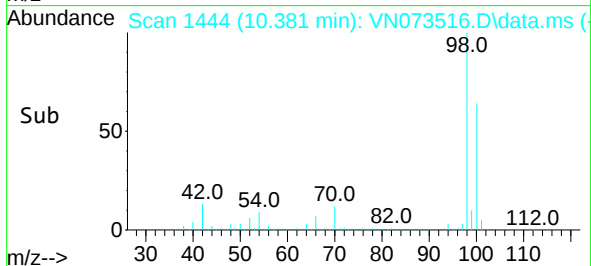
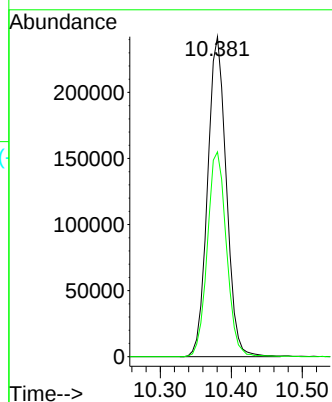
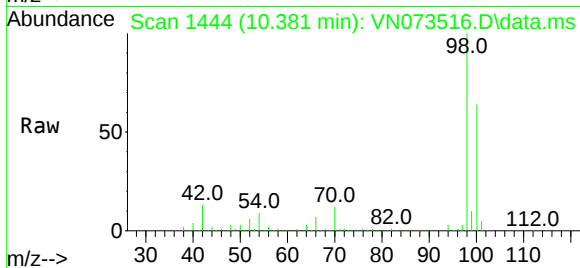




#50
Toluene-d8
Concen: 45.153 ug/l
RT: 10.381 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

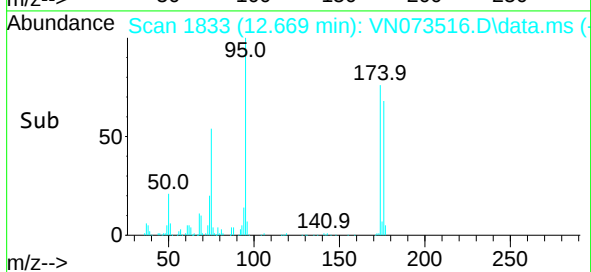
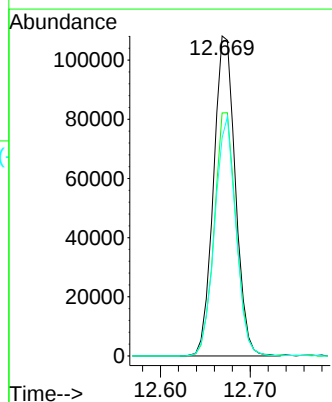
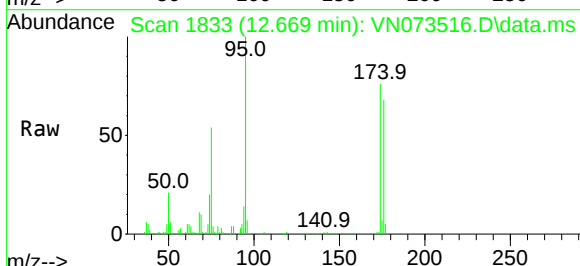
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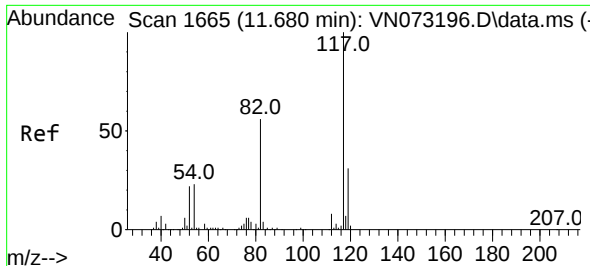
Tgt Ion: 98 Resp: 444114
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

Tgt Ion: 95 Resp: 182484
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 72.7 0.0 163.4

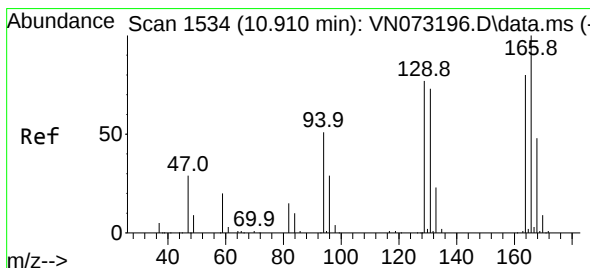
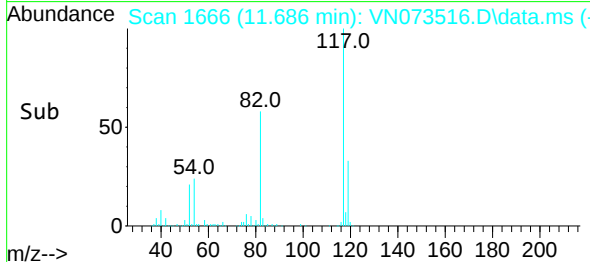
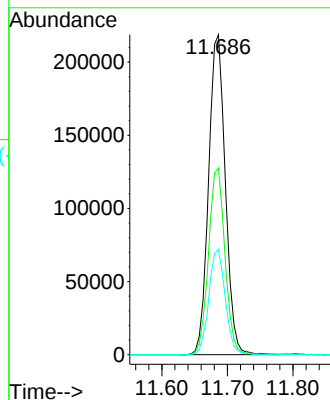
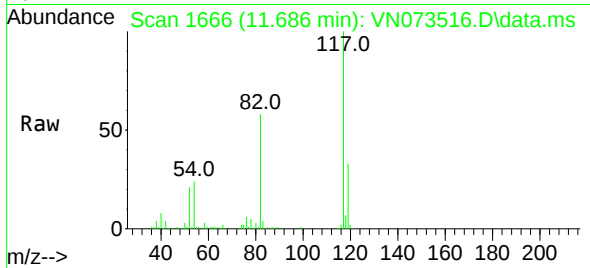




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

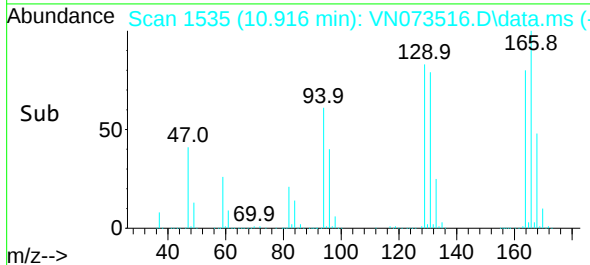
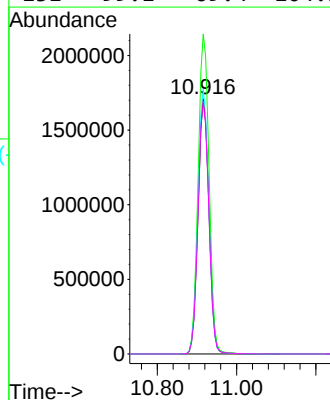
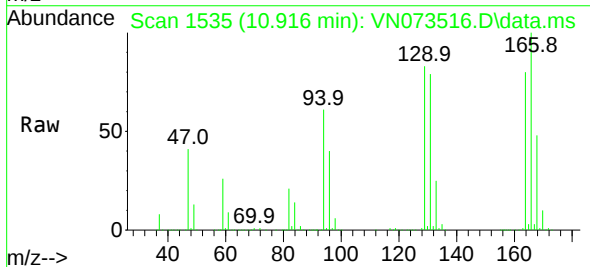
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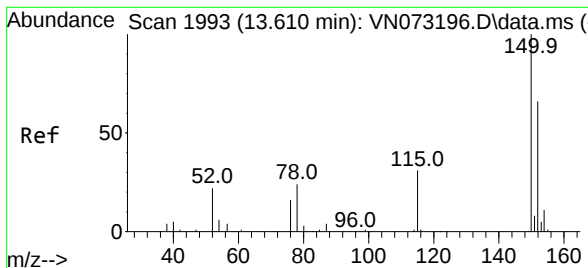
Tgt Ion:117 Resp: 388575
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 1030.600 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073516.D
Acq: 19 Jul 2022 15:15

Tgt Ion:164 Resp: 3270093
Ion Ratio Lower Upper
164 100
166 125.4 104.2 156.2
129 103.7 73.9 110.9
131 99.1 69.4 104.2

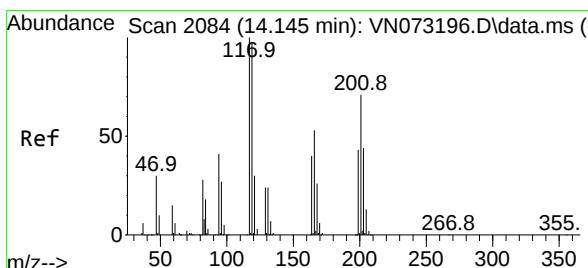
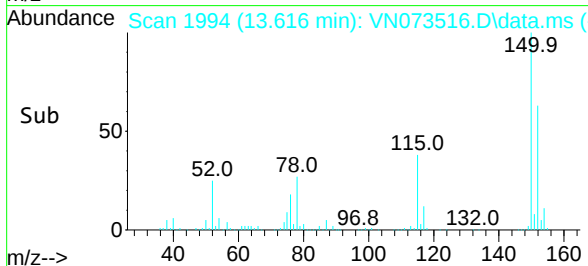
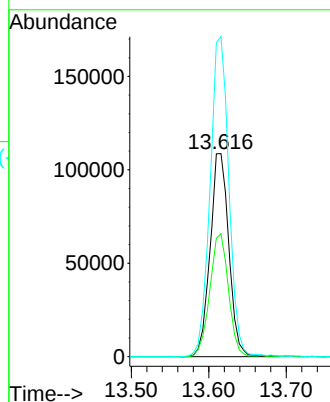
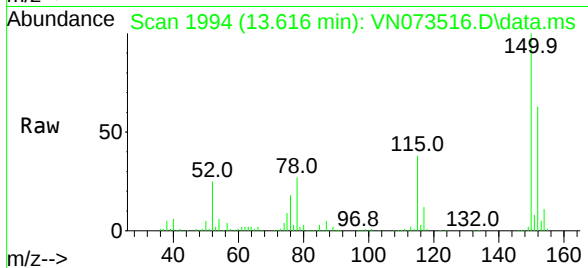




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073516.D
 Acq: 19 Jul 2022 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-91BN-84

Tgt Ion:152 Resp: 182570
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 158.1 0.0 356.2



#90
 Hexachloroethane
 Concen: 14.675 ug/l
 RT: 14.151 min Scan# 2085
 Delta R.T. 0.006 min
 Lab File: VN073516.D
 Acq: 19 Jul 2022 15:15

Tgt Ion:117 Resp: 34176
 Ion Ratio Lower Upper
 117 100
 201 68.1 40.6 122.0

