

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073530.D
 Acq On : 20 Jul 2022 18:31
 Operator : JC\MD
 Sample : N3651-04ME
 Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SED-2-(18-24)ME

Quant Time: Jul 21 08:25:30 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)

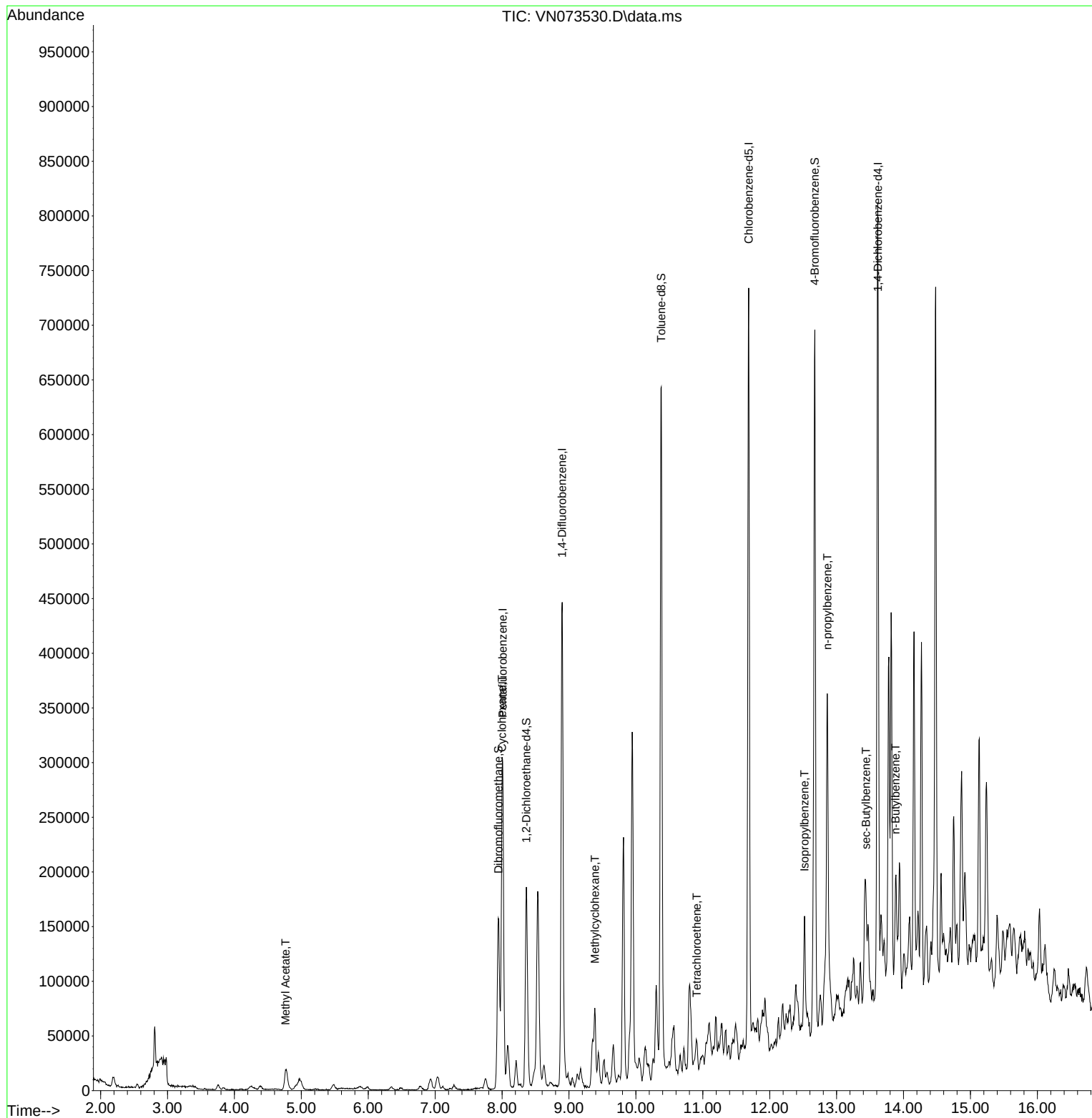
Internal Standards						
1) Pentafluorobenzene	8.010	168	225658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	371170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	385481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	200916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	139739	42.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.800%		
35) Dibromofluoromethane	7.945	113	112667	45.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.240%		
50) Toluene-d8	10.380	98	423180	48.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.674	95	198646	58.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.880%		
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.763	43	40968	7.995	ug/l	90
31) Cyclohexane	7.998	56	13223	2.478	ug/l #	76
39) Methylcyclohexane	9.386	83	14392	3.042	ug/l #	69
64) Tetrachloroethene	10.910	164	3521	1.119	ug/l	88
73) Isopropylbenzene	12.521	105	64971	3.745	ug/l	99
78) n-propylbenzene	12.862	91	209435	10.866	ug/l	96
85) sec-Butylbenzene	13.439	105	50481	2.965	ug/l #	42
89) n-Butylbenzene	13.880	91	40655	3.548	ug/l	96

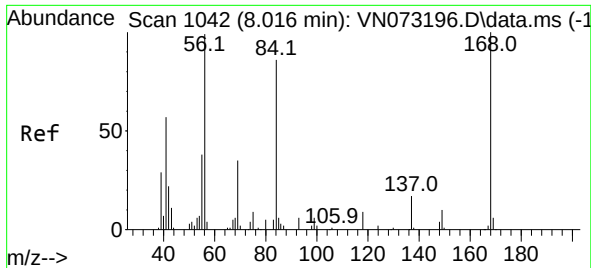
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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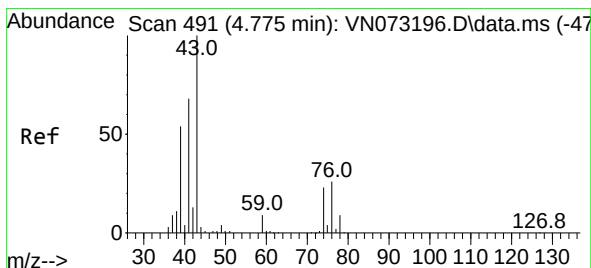
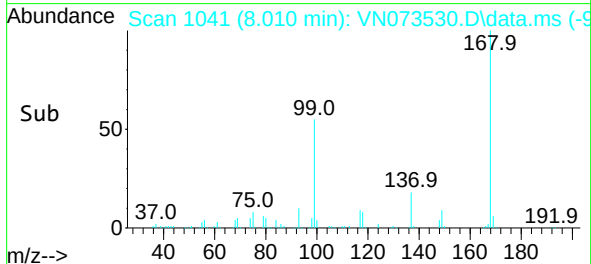
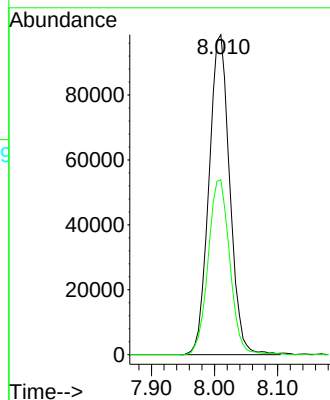
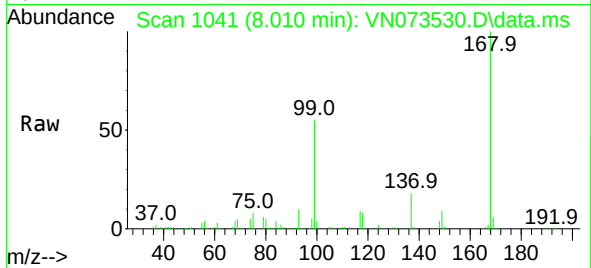




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

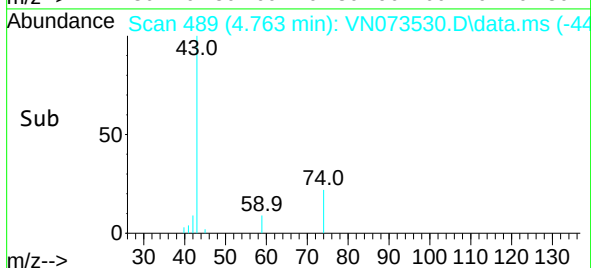
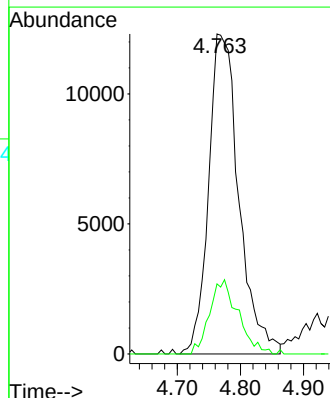
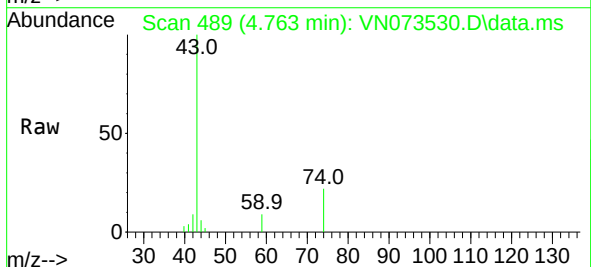
Instrument :
MSVOA_N
ClientSampleId :
SED-2-(18-24)ME

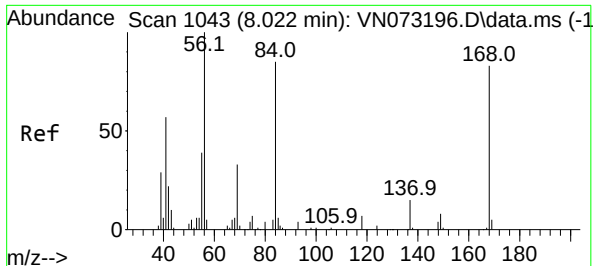
Tgt Ion:168 Resp: 225658
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#18
Methyl Acetate
Concen: 7.995 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.012 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion: 43 Resp: 40968
Ion Ratio Lower Upper
43 100
74 21.9 21.6 32.4

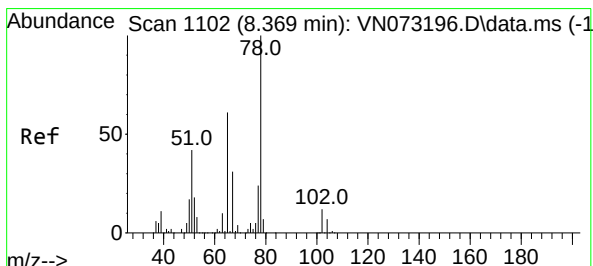
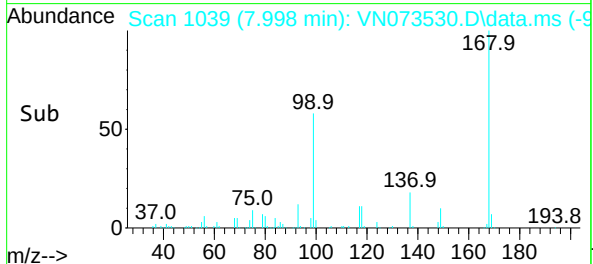
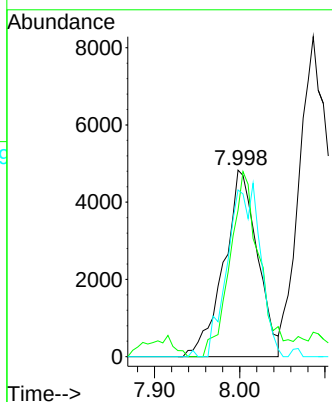
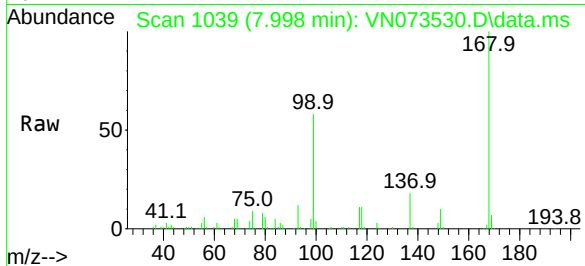




#31
Cyclohexane
Concen: 2.478 ug/l
RT: 7.998 min Scan# 1101
Delta R.T. -0.024 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

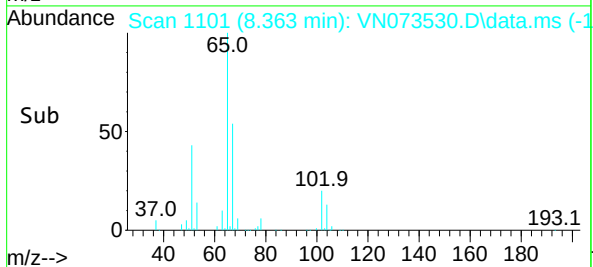
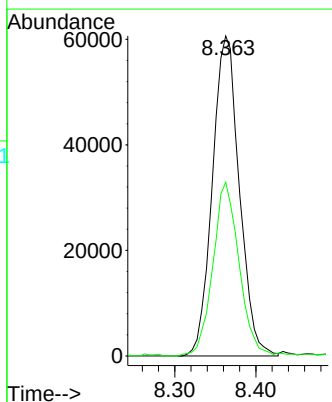
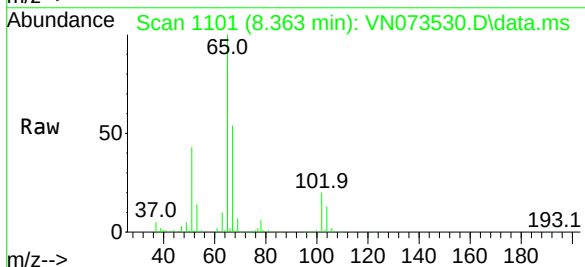
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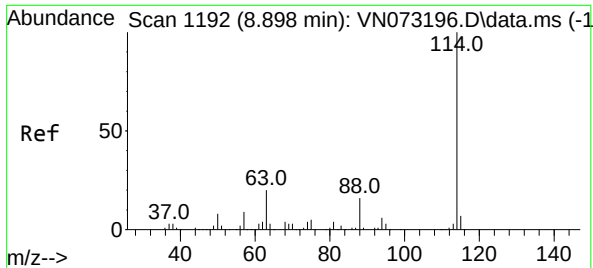
Tgt Ion: 56 Resp: 13223
Ion Ratio Lower Upper
56 100
69 75.2 27.8 41.8#
84 89.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 42.896 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion: 65 Resp: 139739
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

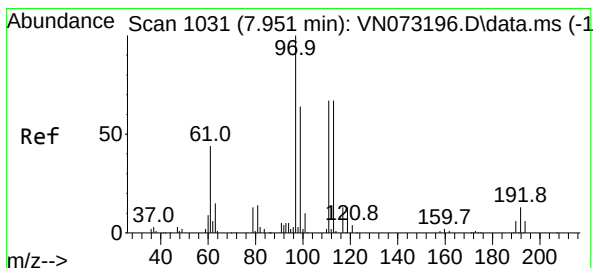
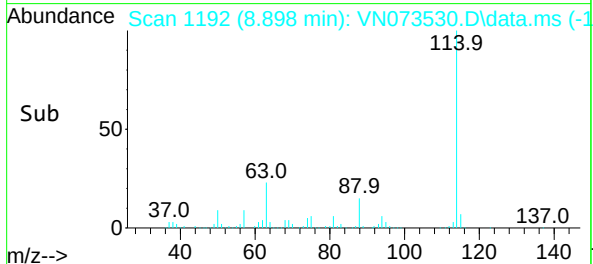
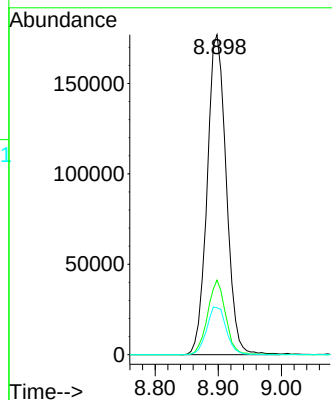
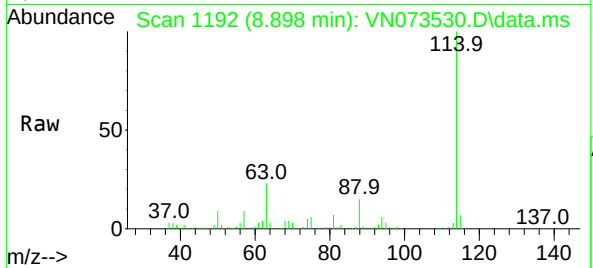




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

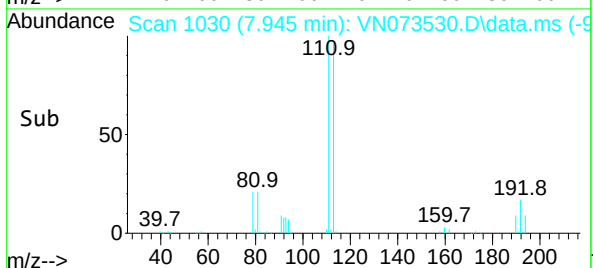
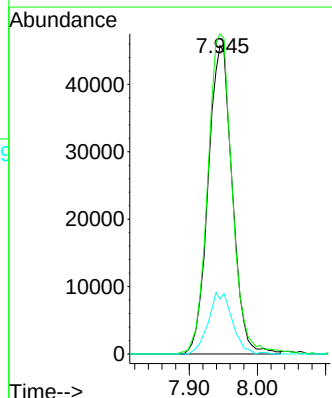
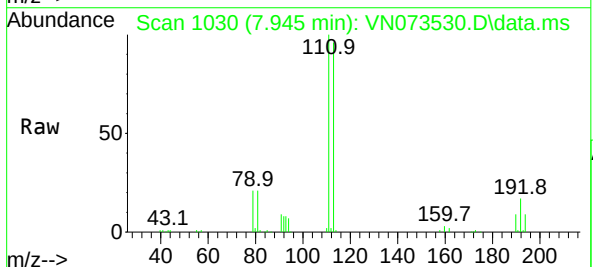
Instrument :
MSVOA_N
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SED-2-(18-24)ME

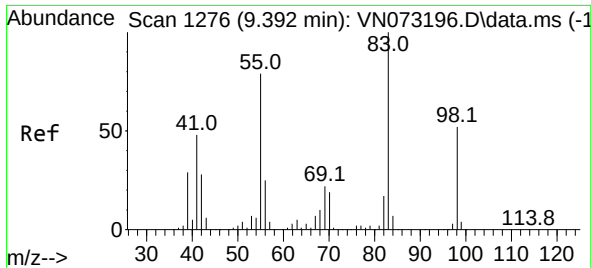
Tgt Ion:114 Resp: 371170
Ion Ratio Lower Upper
114 100
63 23.3 0.0 40.0
88 14.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.624 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion:113 Resp: 112667
Ion Ratio Lower Upper
113 100
111 105.6 81.4 122.0
192 19.6 17.0 25.6





#39

Methylcyclohexane

Concen: 3.042 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073530.D

Acq: 20 Jul 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

SED-2-(18-24)ME

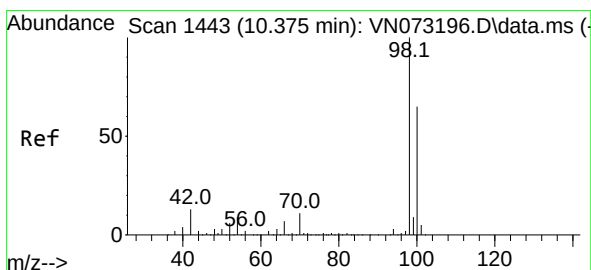
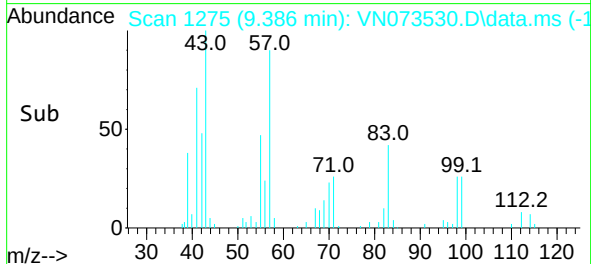
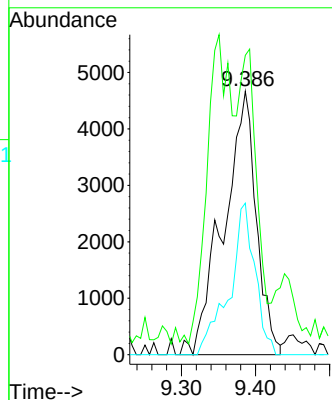
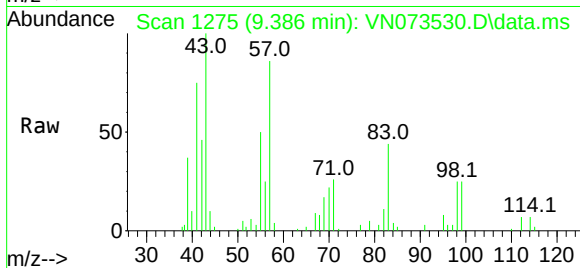
Tgt Ion: 83 Resp: 14392

Ion Ratio Lower Upper

83 100

55 108.8 57.8 86.8#

98 57.6 39.4 59.2



#50

Toluene-d8

Concen: 48.250 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073530.D

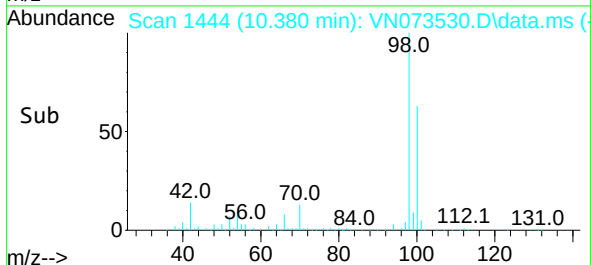
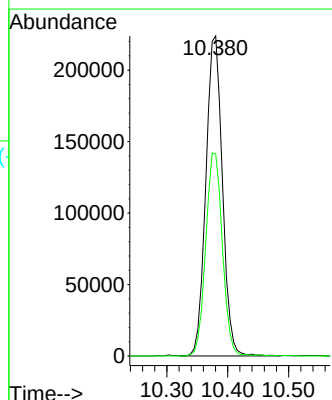
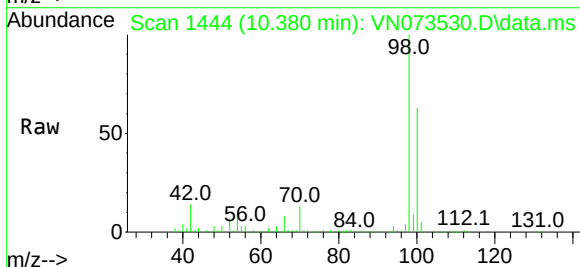
Acq: 20 Jul 2022 18:31

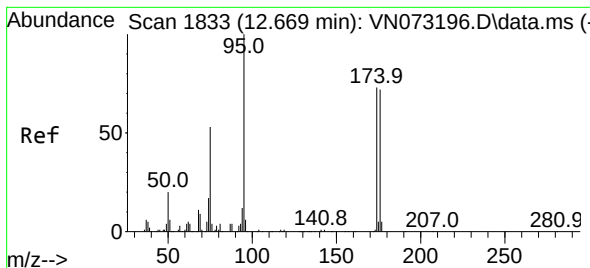
Tgt Ion: 98 Resp: 423180

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8

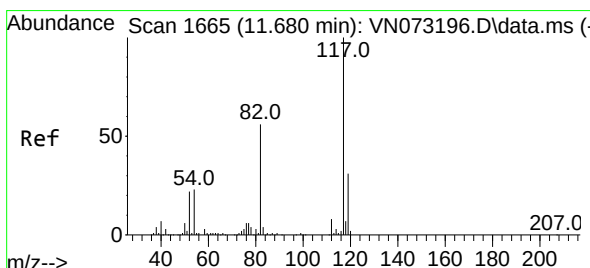
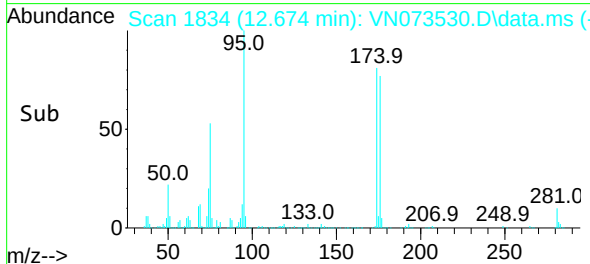
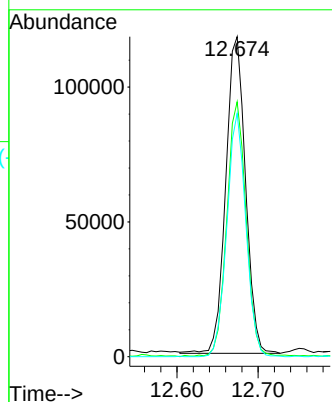
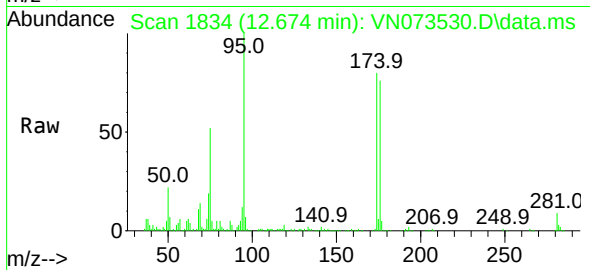




#62
4-Bromofluorobenzene
Concen: 58.936 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

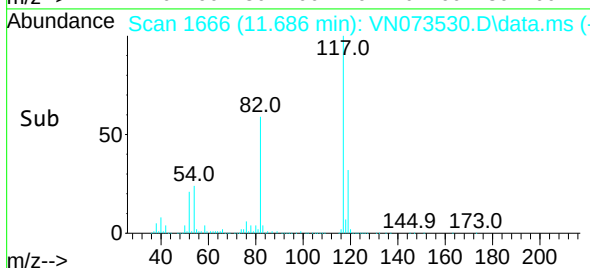
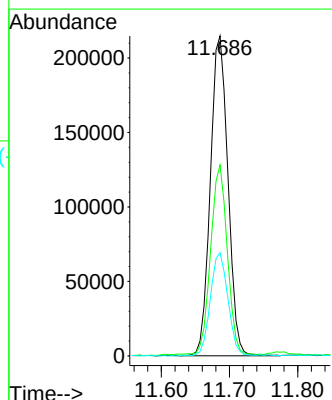
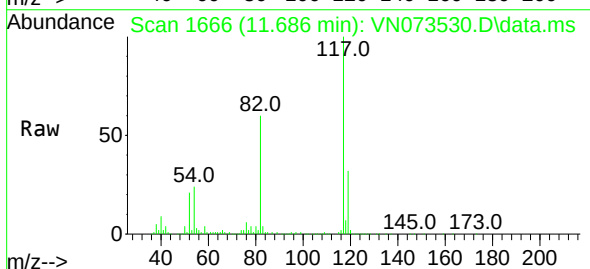
Instrument :
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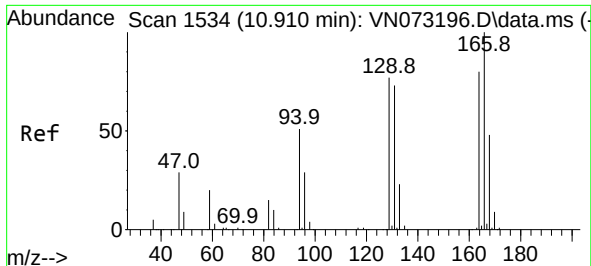
Tgt Ion: 95 Resp: 198646
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 73.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion: 117 Resp: 385481
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 32.1 25.4 38.0

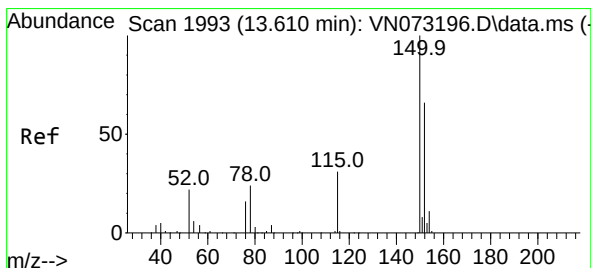
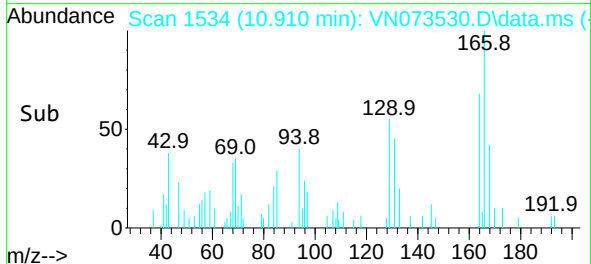
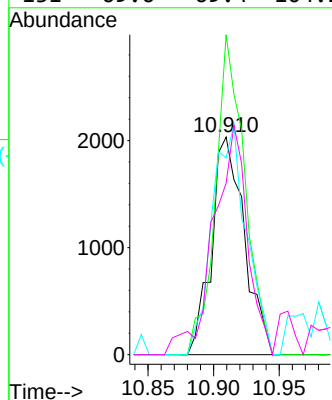
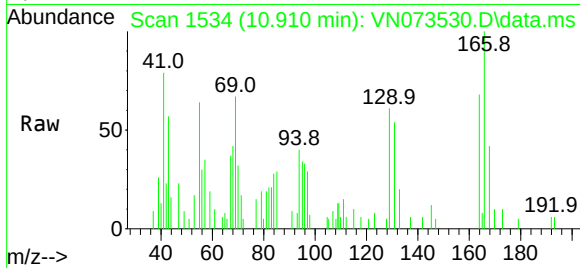




#64
Tetrachloroethene
Concen: 1.119 ug/l
RT: 10.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

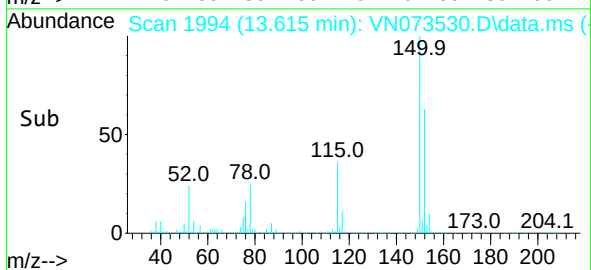
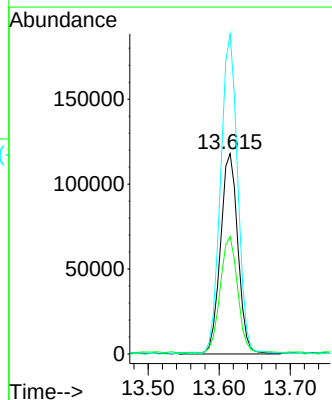
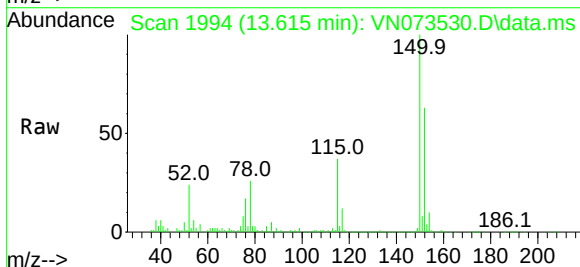
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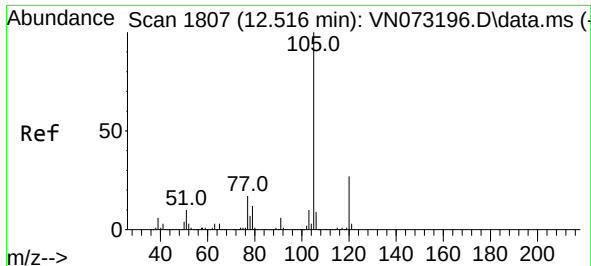
Tgt Ion:164 Resp: 3521
Ion Ratio Lower Upper
164 100
166 147.0 104.2 156.2
129 90.4 73.9 110.9
131 69.6 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion:152 Resp: 200916
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 156.6 0.0 356.2

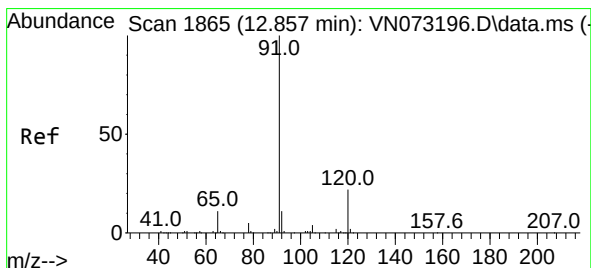
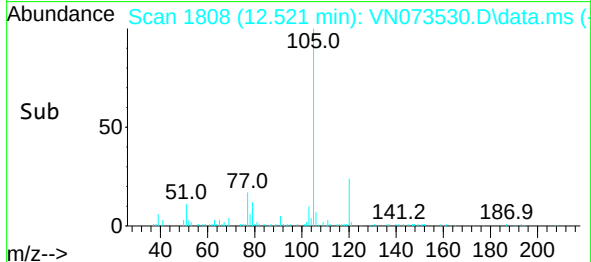
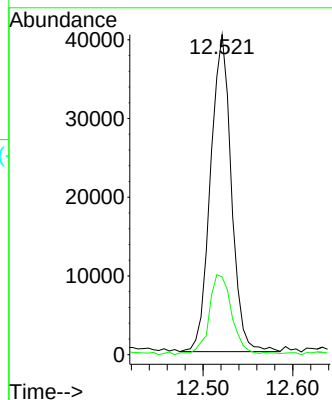
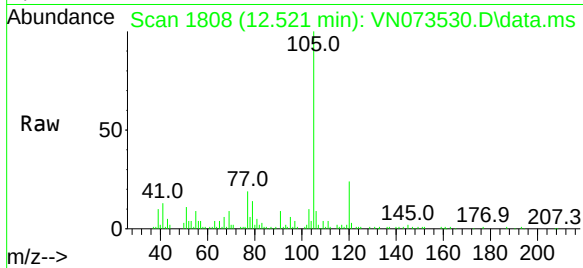




#73
Isopropylbenzene
Concen: 3.745 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

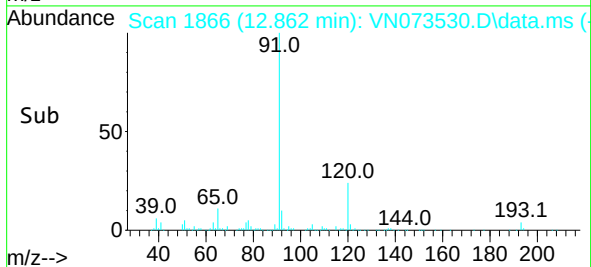
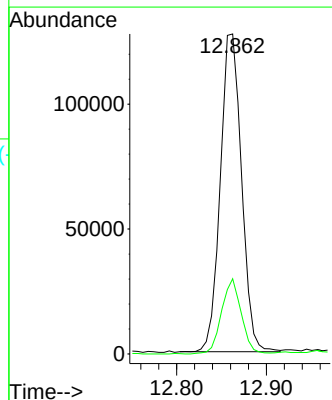
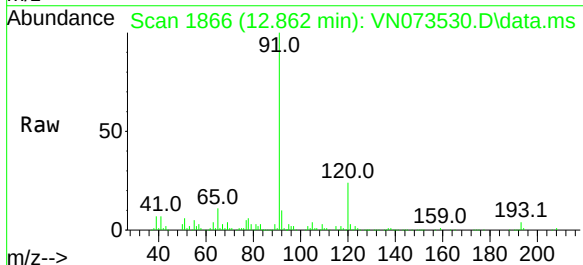
Instrument :
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SED-2-(18-24)ME

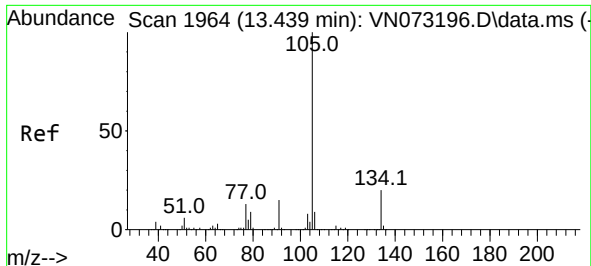
Tgt Ion:105 Resp: 64971
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#78
n-propylbenzene
Concen: 10.866 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. 0.005 min
Lab File: VN073530.D
Acq: 20 Jul 2022 18:31

Tgt Ion: 91 Resp: 209435
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

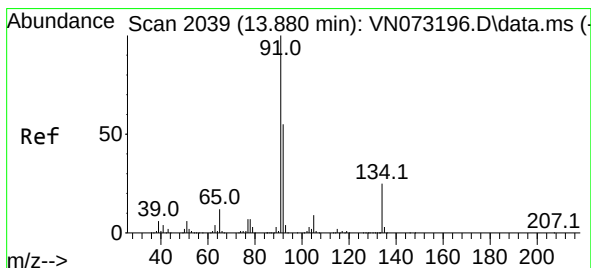
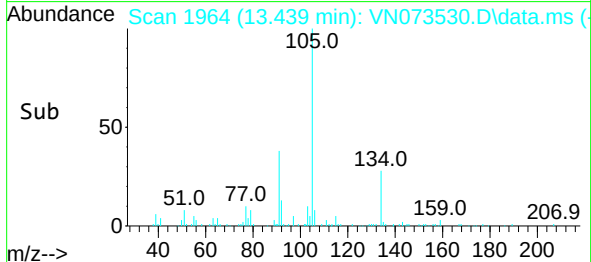
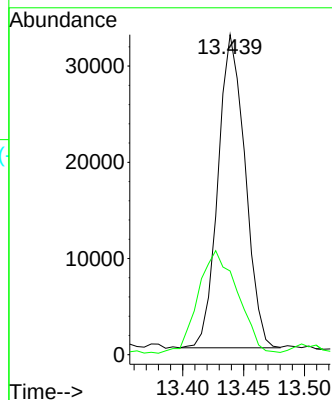
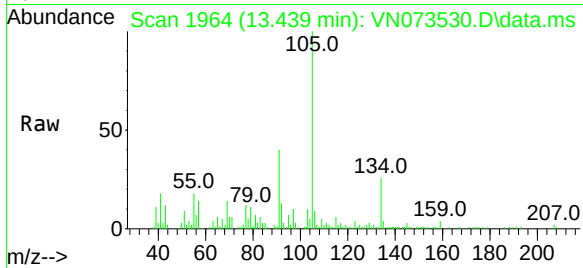




#85
 sec-Butylbenzene
 Concen: 2.965 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073530.D
 Acq: 20 Jul 2022 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SED-2-(18-24)ME

Tgt Ion:105 Resp: 50481
 Ion Ratio Lower Upper
 105 100
 134 47.8 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 3.548 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. -0.000 min
 Lab File: VN073530.D
 Acq: 20 Jul 2022 18:31

Tgt Ion: 91 Resp: 40655
 Ion Ratio Lower Upper
 91 100
 92 51.4 26.9 80.7
 134 30.3 13.6 40.8

