

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074375.D
 Acq On : 09 Sep 2022 13:13
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 10 06:13:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

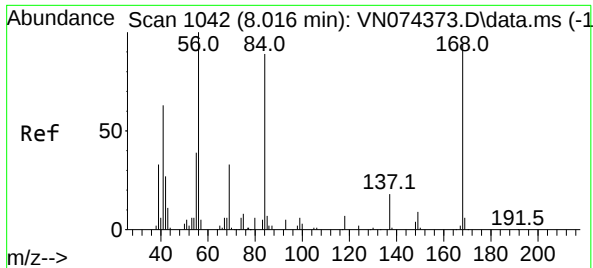
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	340989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	592392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	561580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	244958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242071	41.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.060%		
35) Dibromofluoromethane	7.945	113	194533	48.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	10.380	98	678451	43.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.080%		
62) 4-Bromofluorobenzene	12.674	95	271806	48.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.080%		
Target Compounds						Qvalue
75) 1,1,2,2-Tetrachloroethane	12.769	83	1882	0.213	ug/l #	83
77) Bromobenzene	12.810	156	1664	0.329	ug/l	87
78) n-propylbenzene	12.869	91	6173	0.229	ug/l	95
79) 2-Chlorotoluene	12.945	91	3584	0.218	ug/l	88
82) 4-Chlorotoluene	13.045	91	6160	0.388	ug/l	100
86) p-Isopropyltoluene	13.557	119	3894	0.203	ug/l #	85
87) 1,3-Dichlorobenzene	13.557	146	3895	0.417	ug/l	95
89) n-Butylbenzene	13.886	91	4833	0.297	ug/l	95
91) 1,2-Dichlorobenzene	13.933	146	3551	0.361	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	7057	1.442	ug/l	80
95) Naphthalene	15.445	128	35939	1.877	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	6525	1.288	ug/l	87

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

Quant Time: Sep 10 06:13:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

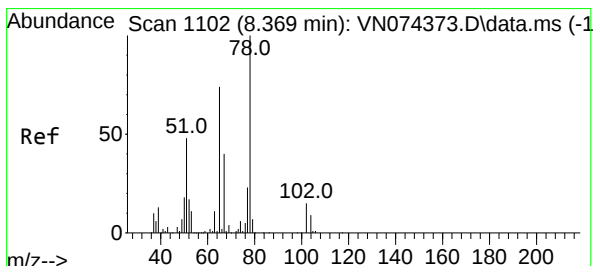
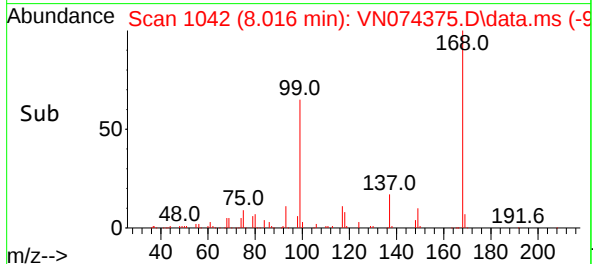
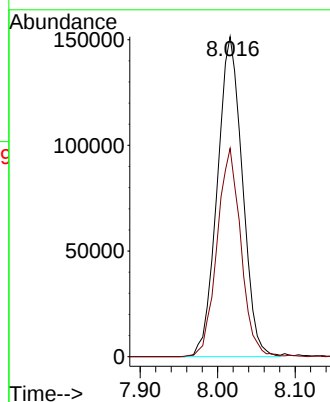
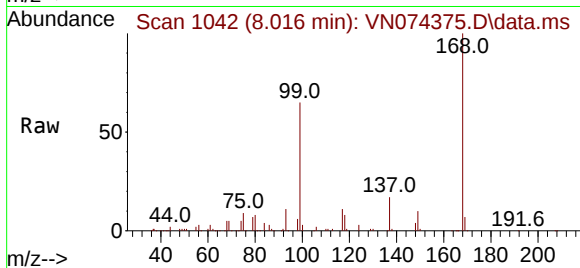




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

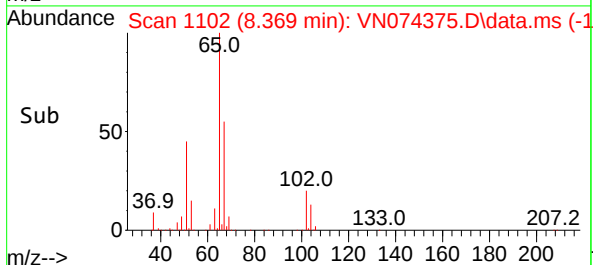
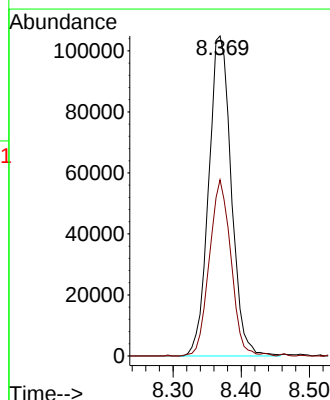
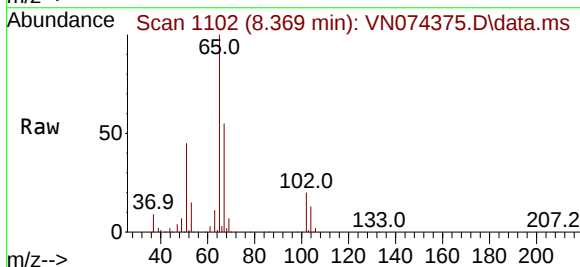
Instrument :
MSVOA_N
ClientSampleId :
IBLK

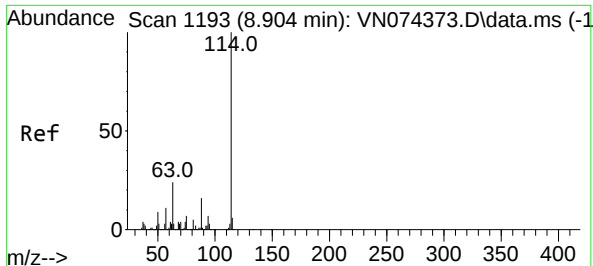
Tgt Ion:168 Resp: 340989
Ion Ratio Lower Upper
168 100
99 65.1 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 41.032 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 65 Resp: 242071
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

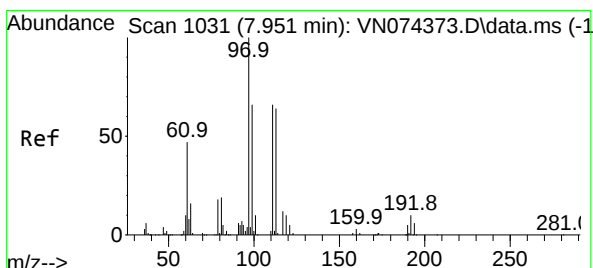
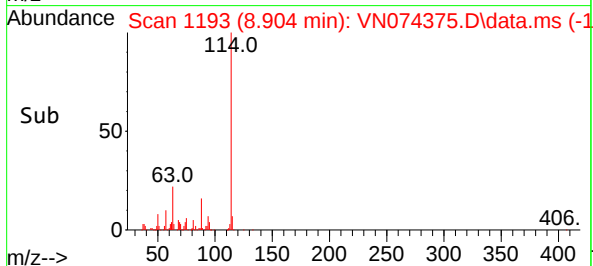
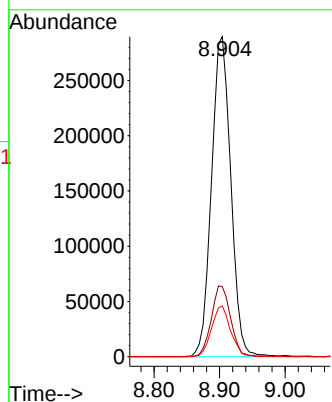
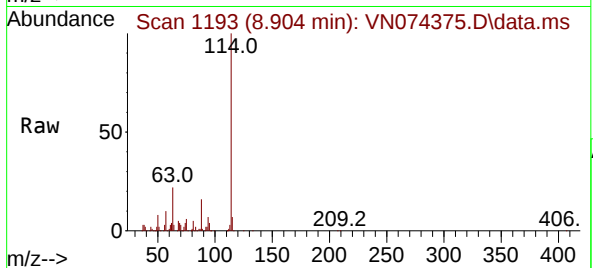
Tgt Ion:114 Resp: 592392

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

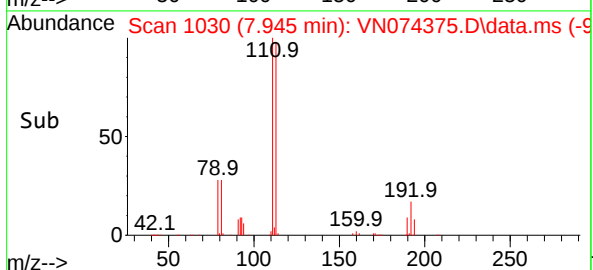
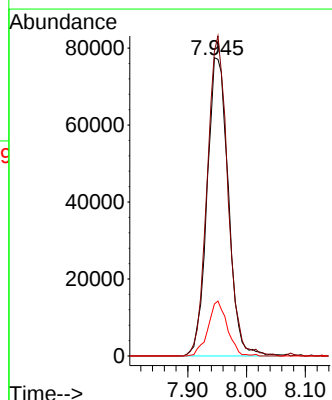
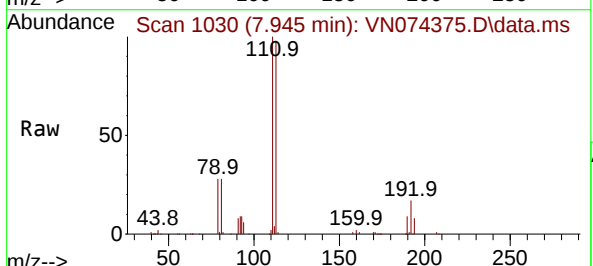
Tgt Ion:113 Resp: 194533

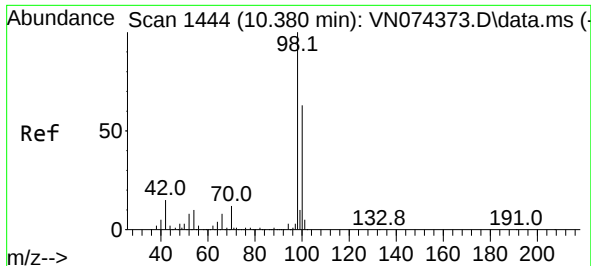
Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 16.8 13.7 20.5

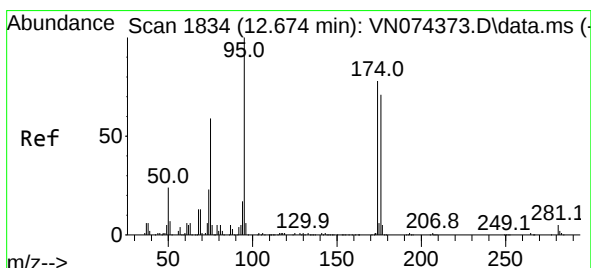
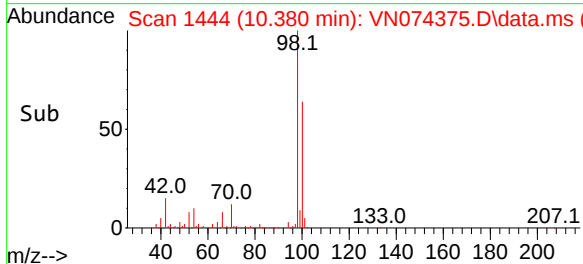
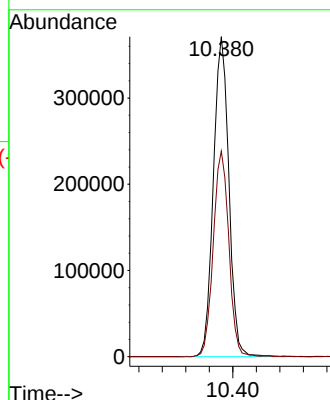
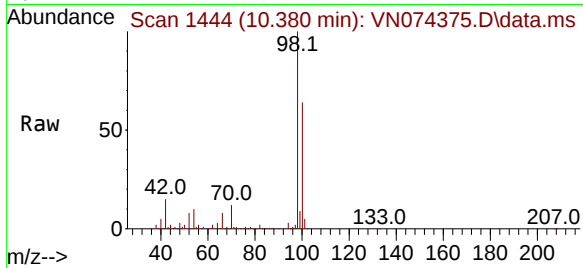




#50
Toluene-d8
Concen: 43.538 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

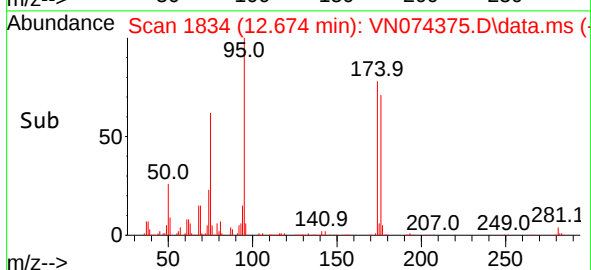
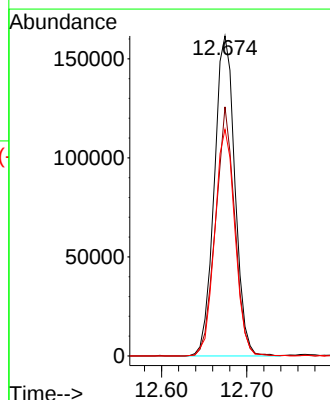
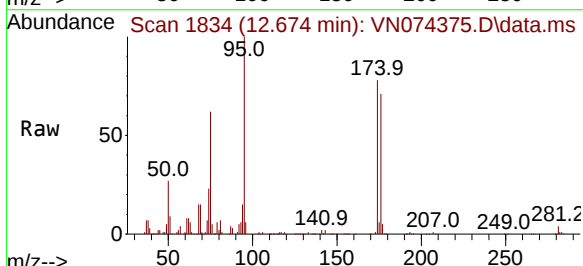
Instrument :
MSVOA_N
ClientSampleId :
IBLK

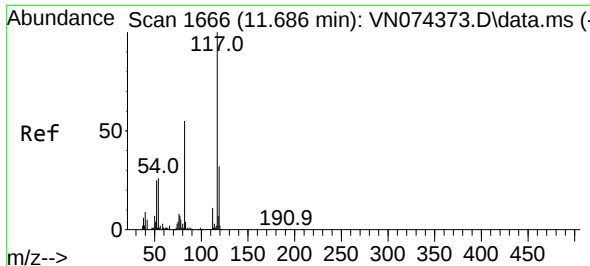
Tgt Ion: 98 Resp: 678451
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 95 Resp: 271806
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.6
176 69.7 0.0 143.4

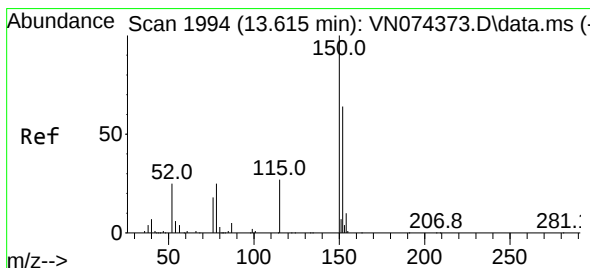
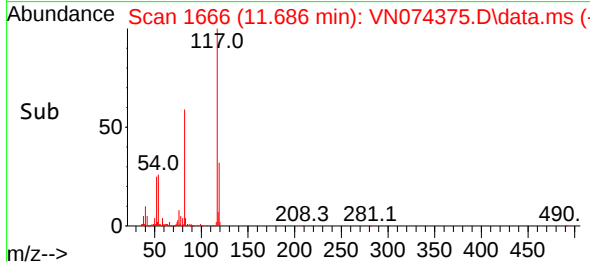
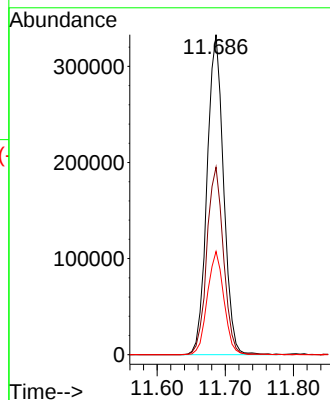
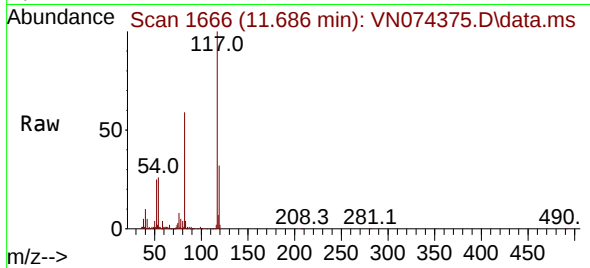




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

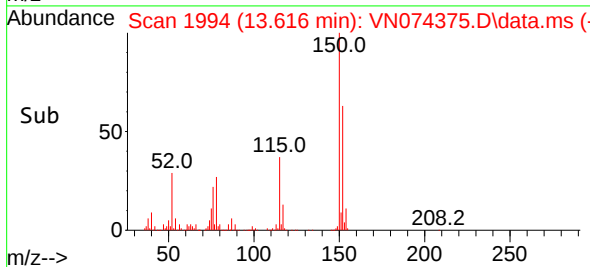
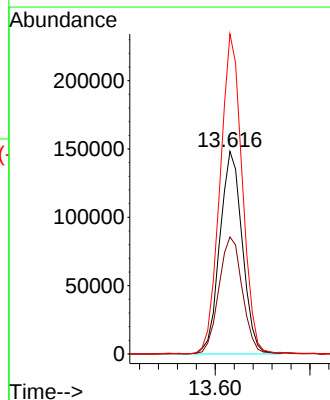
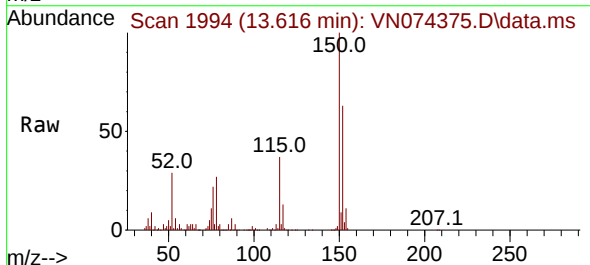
Instrument :
MSVOA_N
ClientSampleId :
IBLK

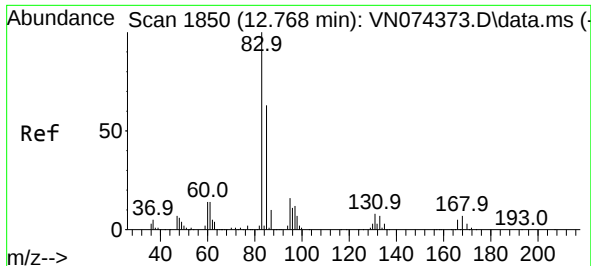
Tgt Ion:117 Resp: 561580
Ion Ratio Lower Upper
117 100
82 58.6 44.3 66.5
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:152 Resp: 244958
Ion Ratio Lower Upper
152 100
115 60.3 32.0 96.0
150 156.2 0.0 359.6

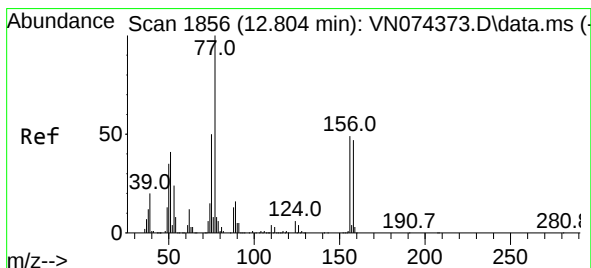
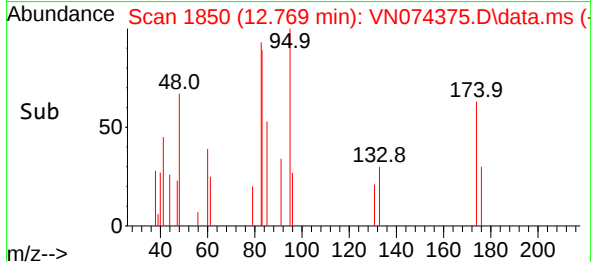
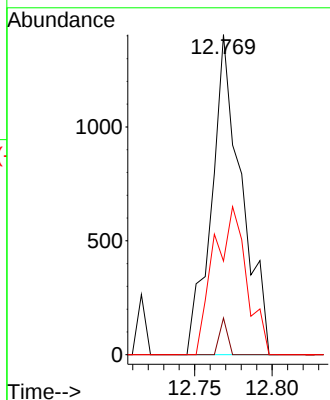
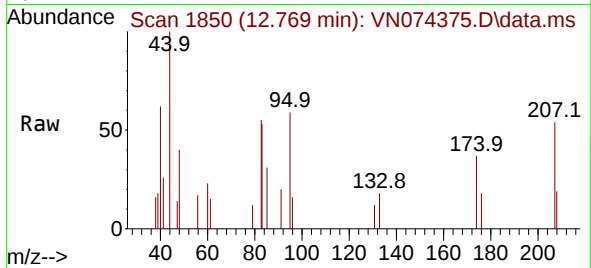




#75
1,1,2-Tetrachloroethane
Concen: 0.213 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

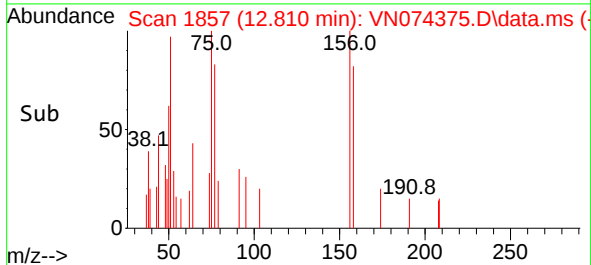
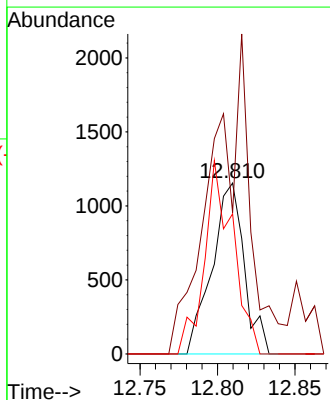
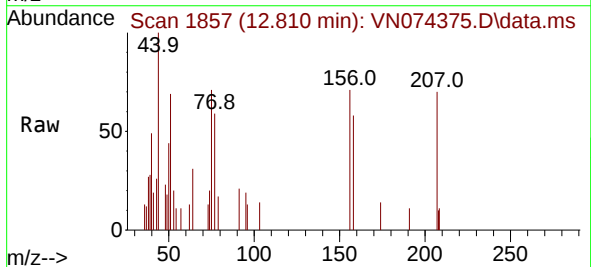
Instrument :
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ClientSampleId :
IBLK

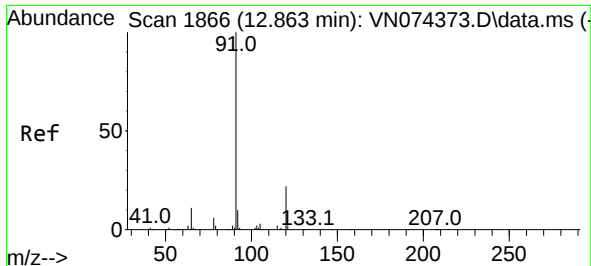
Tgt Ion: 83 Resp: 1882
Ion Ratio Lower Upper
83 100
131 3.0 4.5 13.7#
85 50.7 32.3 96.8



#77
Bromobenzene
Concen: 0.329 ug/l
RT: 12.810 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 156 Resp: 1664
Ion Ratio Lower Upper
156 100
77 219.5 124.4 373.1
158 100.6 49.2 147.6

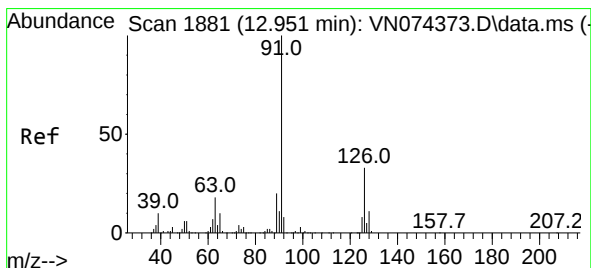
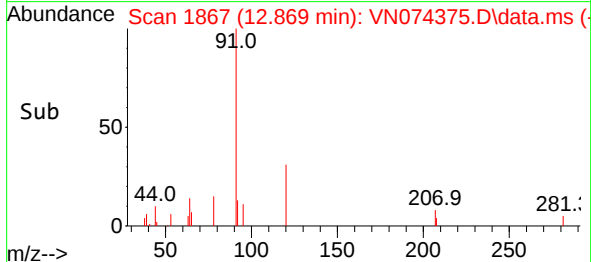
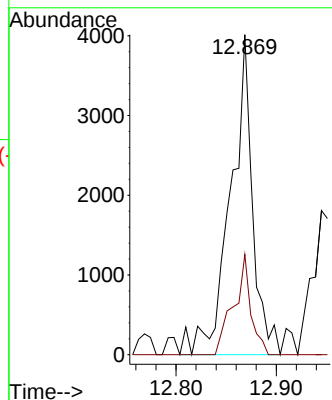
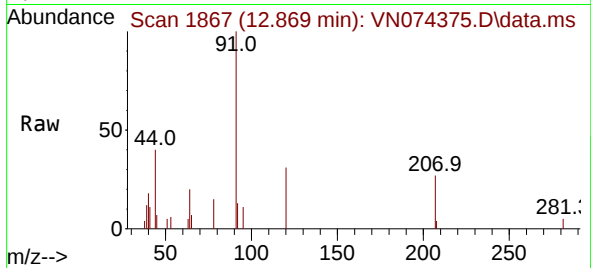




#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 12.869 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

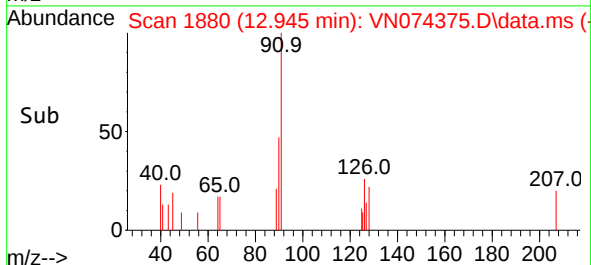
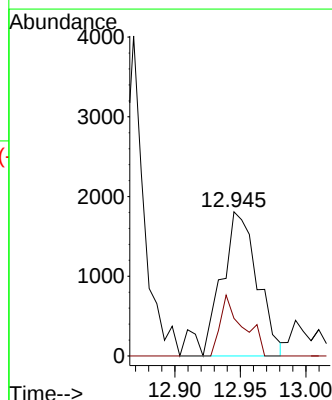
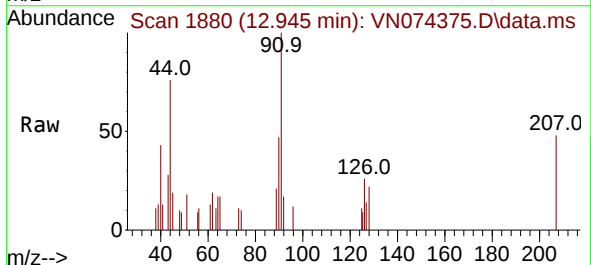
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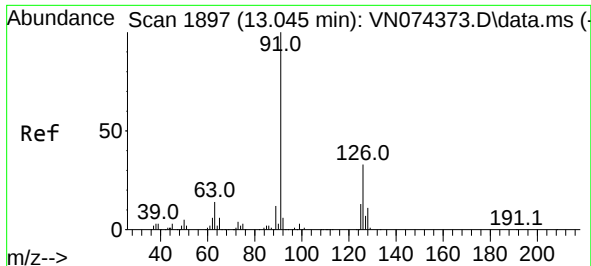
Tgt Ion: 91 Resp: 6173
Ion Ratio Lower Upper
91 100
120 24.3 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.218 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 91 Resp: 3584
Ion Ratio Lower Upper
91 100
126 25.7 16.2 48.5

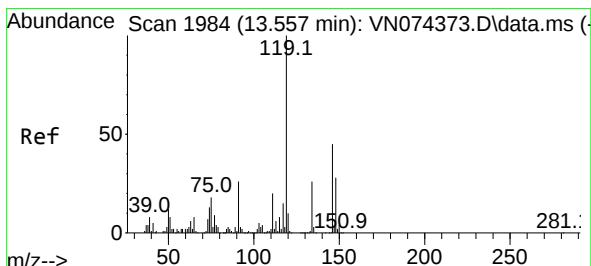
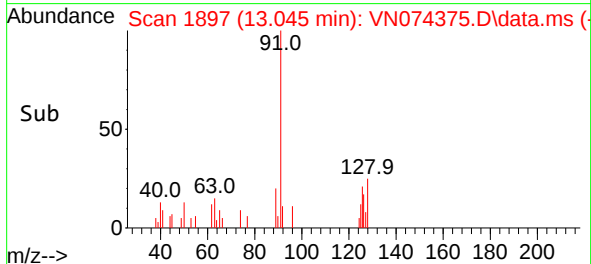
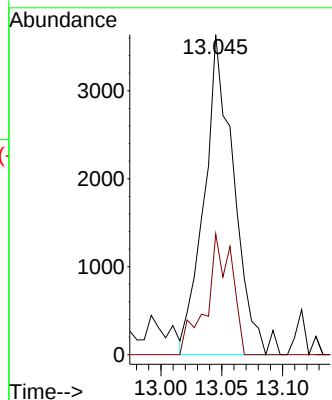
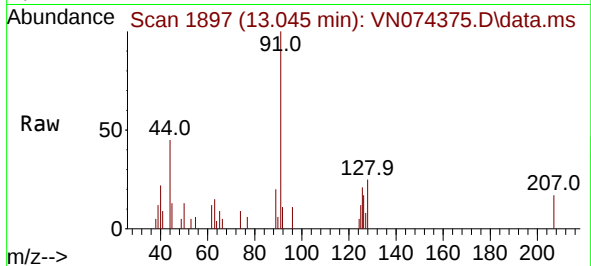




#82
4-Chlorotoluene
Concen: 0.388 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

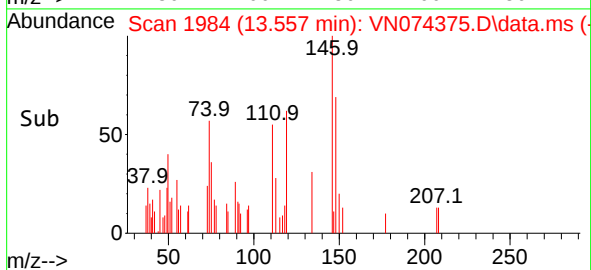
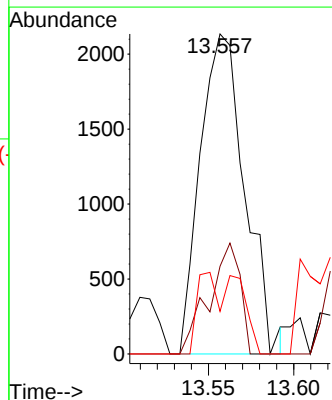
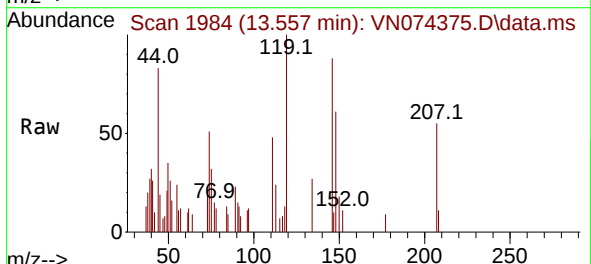
Instrument :
MSVOA_N
ClientSampleId :
IBLK

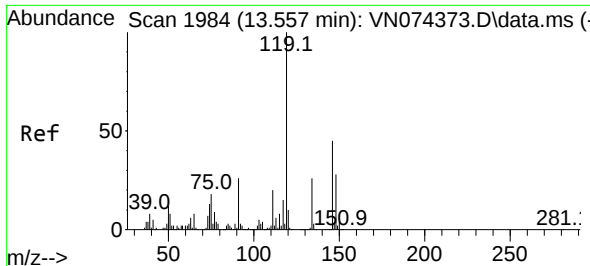
Tgt Ion: 91 Resp: 6160
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1



#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 119 Resp: 3894
Ion Ratio Lower Upper
119 100
134 24.2 13.0 38.9
91 12.3 13.1 39.3#

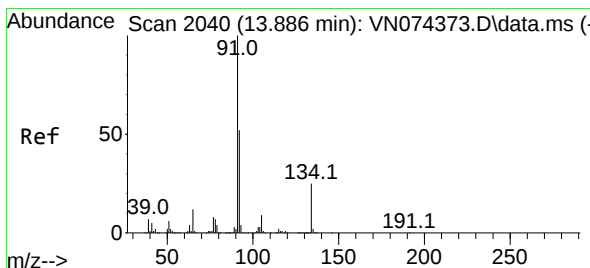
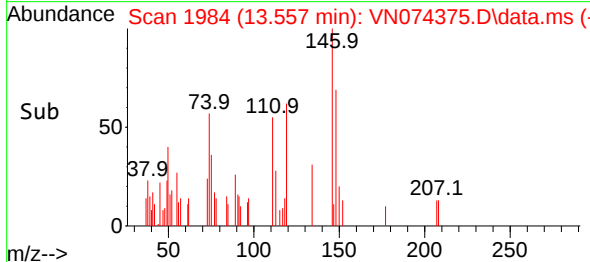
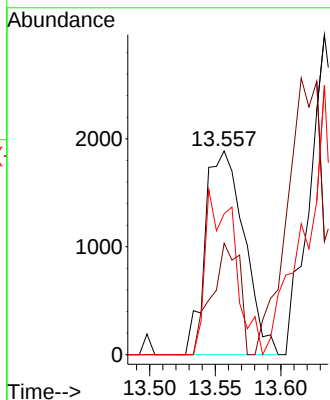
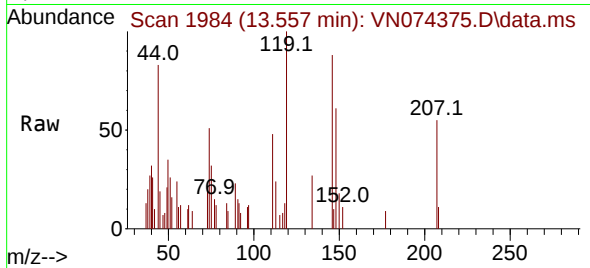




#87
1,3-Dichlorobenzene
Concen: 0.417 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

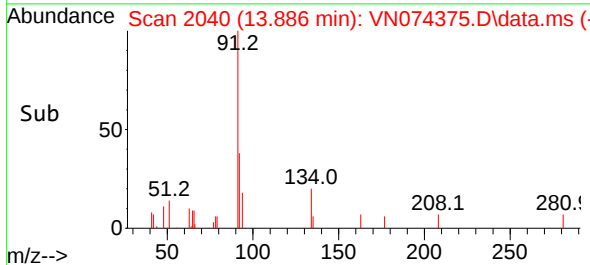
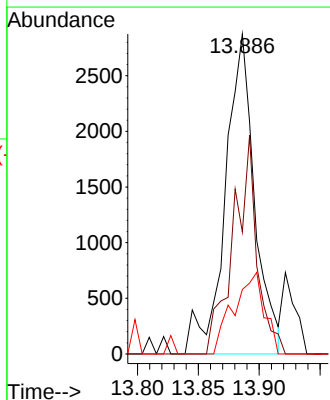
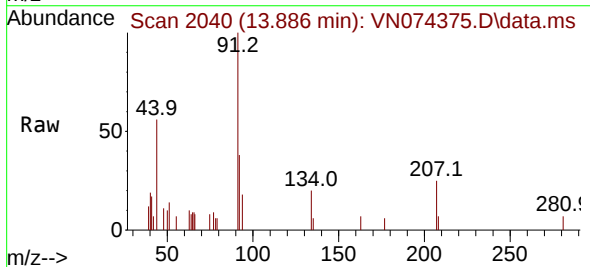
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MSVOA_N
ClientSampleId :
IBLK

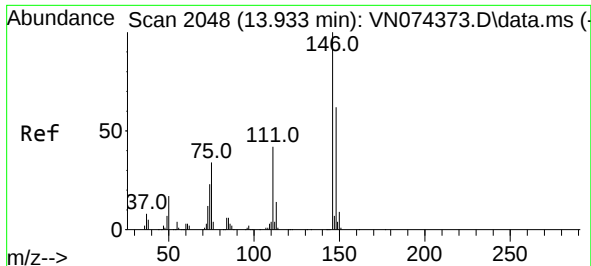
Tgt Ion:146 Resp: 3895
Ion Ratio Lower Upper
146 100
111 39.3 21.5 64.5
148 61.0 32.0 96.0



#89
n-Butylbenzene
Concen: 0.297 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion: 91 Resp: 4833
Ion Ratio Lower Upper
91 100
92 55.1 25.8 77.4
134 26.5 12.4 37.0





#91

1,2-Dichlorobenzene

Concen: 0.361 ug/l

RT: 13.933 min Scan# 2048

Delta R.T. 0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

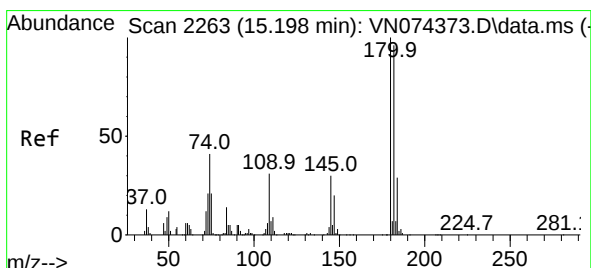
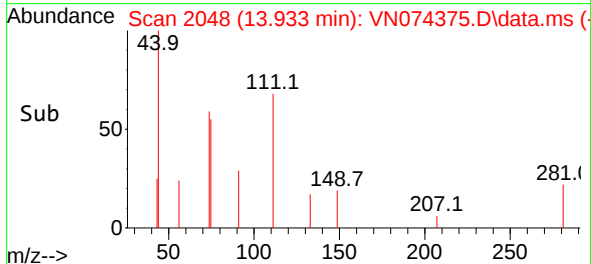
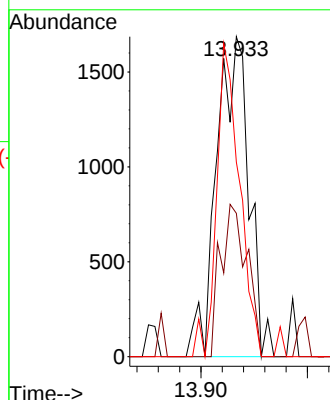
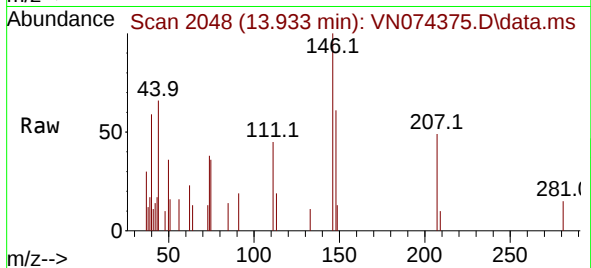
Tgt Ion:146 Resp: 3551

Ion Ratio Lower Upper

146 100

111 38.9 21.9 65.7

148 69.1 31.4 94.2



#93

1,2,4-Trichlorobenzene

Concen: 1.442 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074375.D

Acq: 09 Sep 2022 13:13

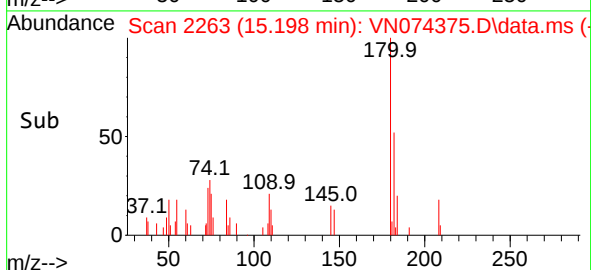
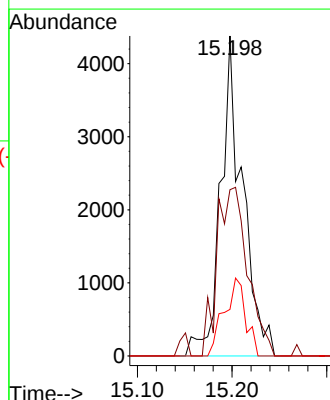
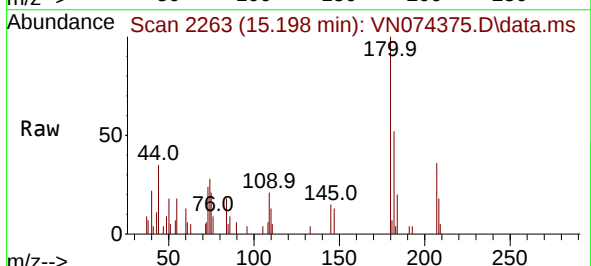
Tgt Ion:180 Resp: 7057

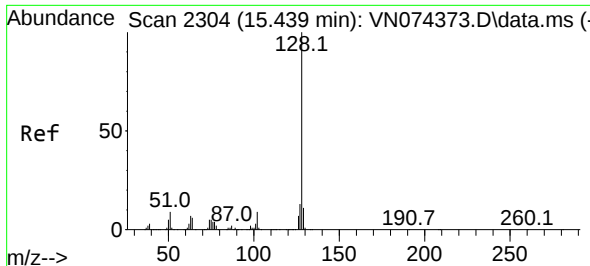
Ion Ratio Lower Upper

180 100

182 73.6 47.4 142.2

145 23.7 16.1 48.2

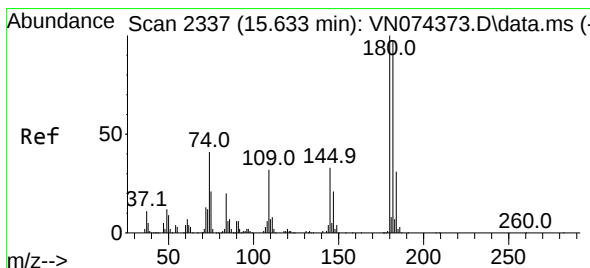
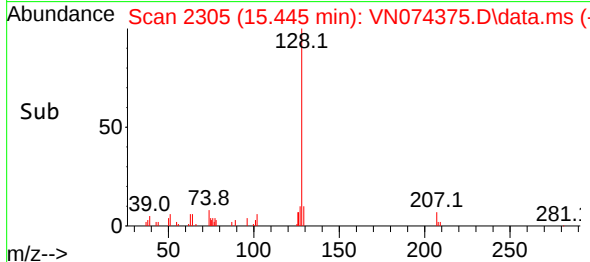
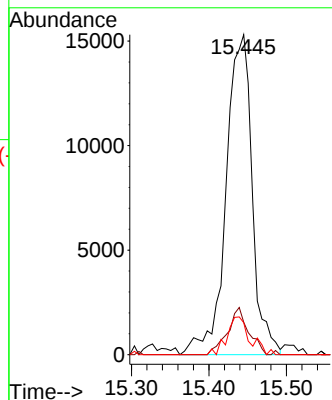
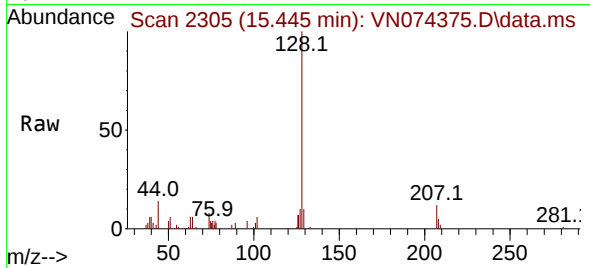




#95
Naphthalene
Concen: 1.877 ug/l
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 35939
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.288 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VN074375.D
Acq: 09 Sep 2022 13:13

Tgt Ion:180 Resp: 6525
Ion Ratio Lower Upper
180 100
182 110.3 47.6 142.8
145 38.0 17.3 52.0

