

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074429.D
 Acq On : 13 Sep 2022 13:34
 Operator : JC\MD
 Sample : N4558-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-238-240

Quant Time: Sep 13 17:15:17 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)

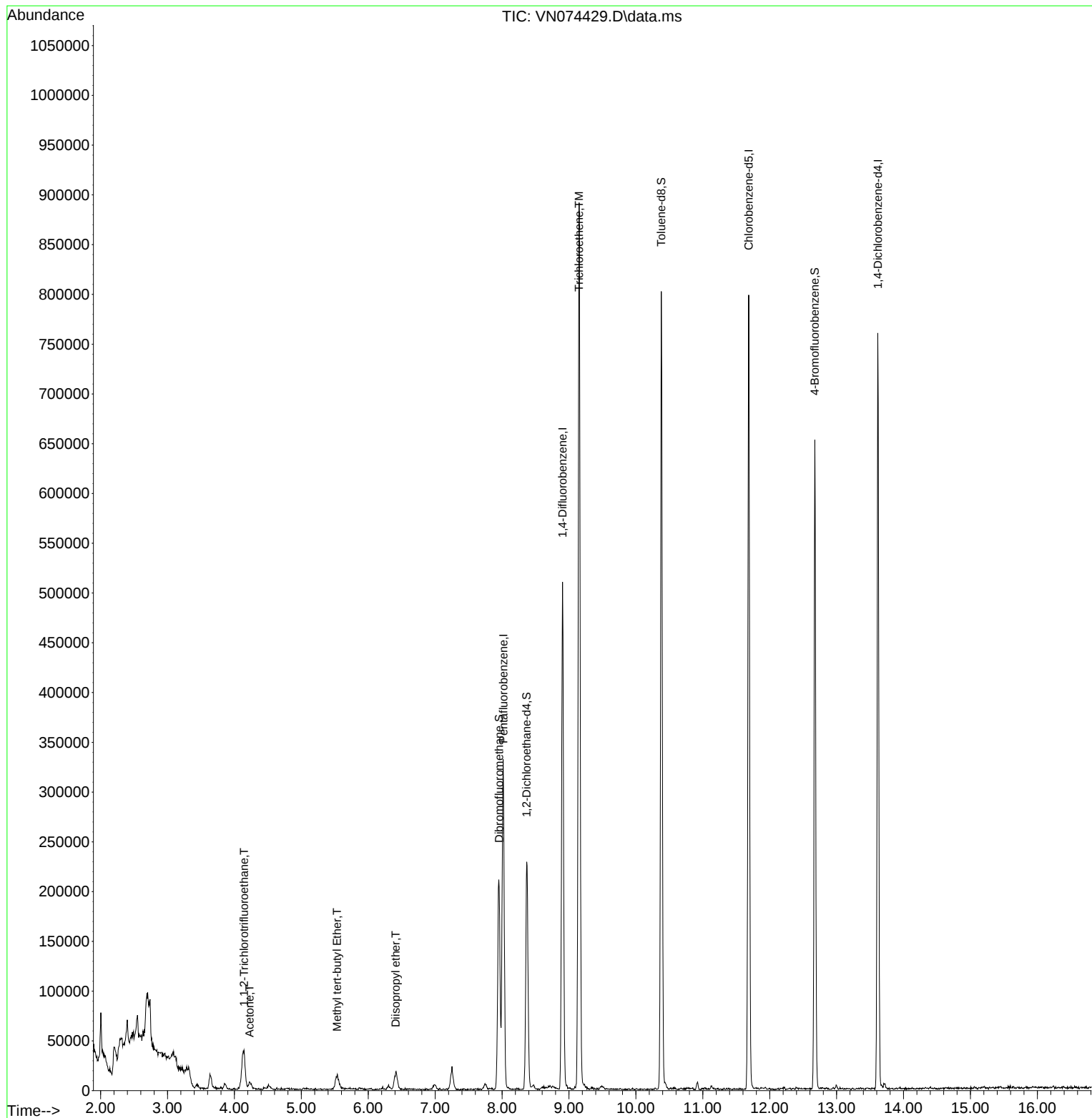
Internal Standards						
1) Pentafluorobenzene	8.022	168	218376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	394945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	391003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	169502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	180017	47.646	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	7.957	113	144513	54.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.380	98	493040	47.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.674	95	192496	51.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.060%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.145	101	22327	7.981	ug/l	96
16) Acetone	4.228	43	12404	6.081	ug/l	93
19) Methyl tert-butyl Ether	5.534	73	17849	1.629	ug/l #	90
22) Diisopropyl ether	6.410	45	21082	1.754	ug/l #	84
44) Trichloroethene	9.151	130	270868	89.838	ug/l	91

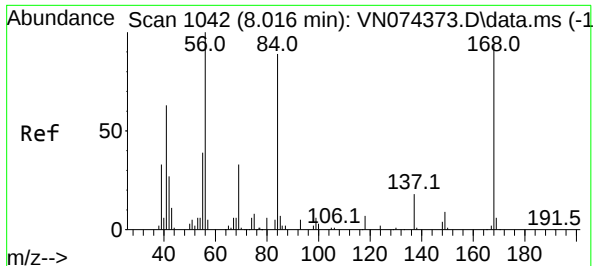
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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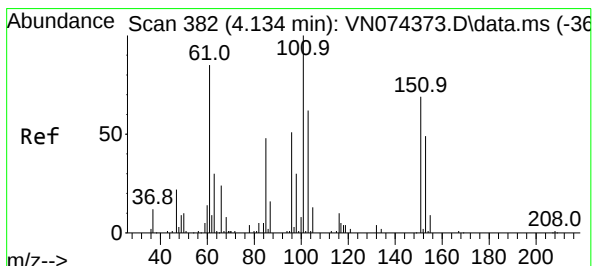
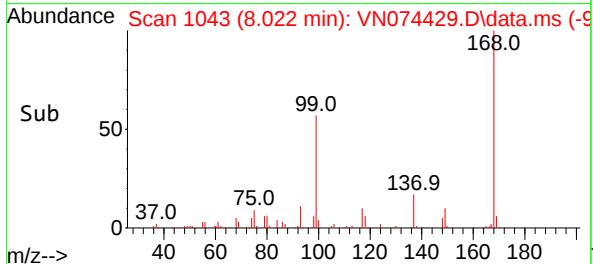
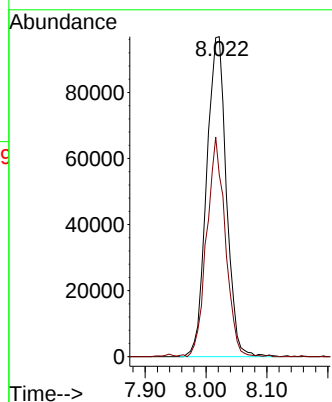
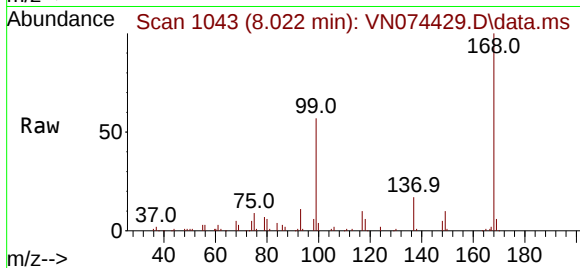




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

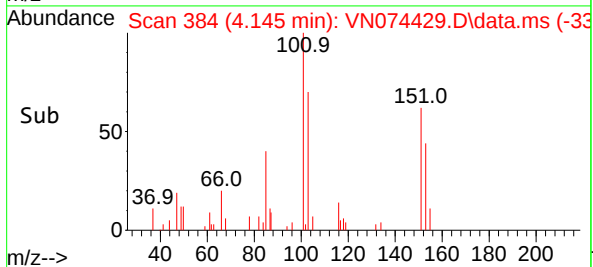
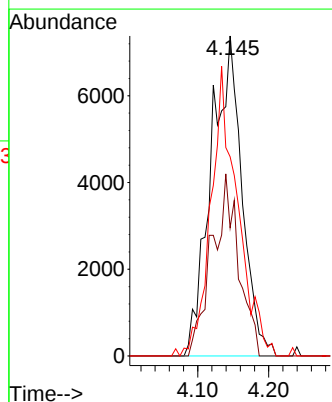
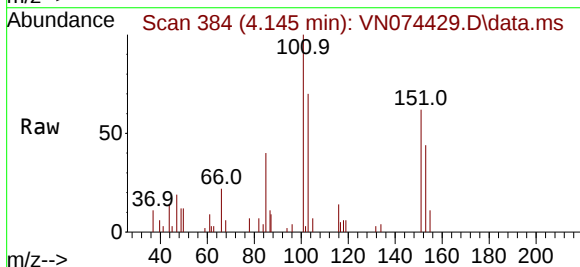
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-238-240

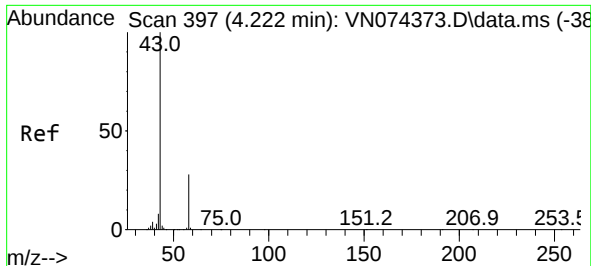
Tgt Ion:168 Resp: 218376
Ion Ratio Lower Upper
168 100
99 56.9 52.8 79.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.981 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion:101 Resp: 22327
Ion Ratio Lower Upper
101 100
85 49.1 39.5 59.3
151 78.0 57.8 86.6

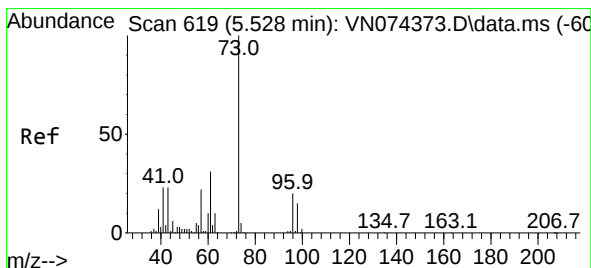
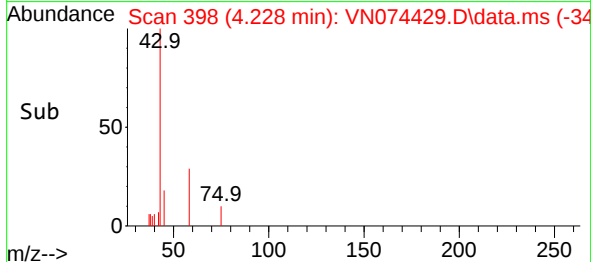
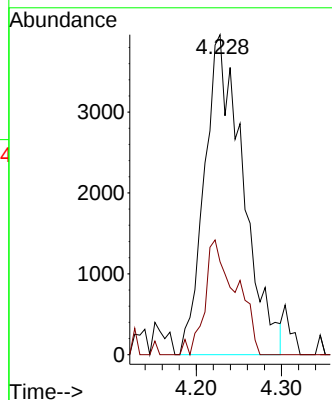
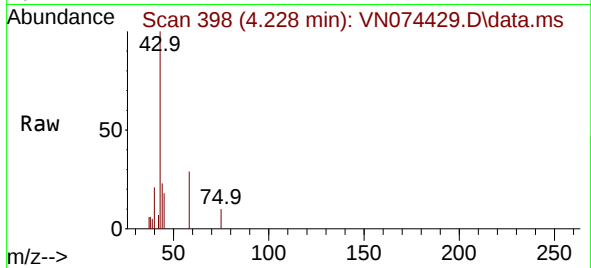




#16
Acetone
Concen: 6.081 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

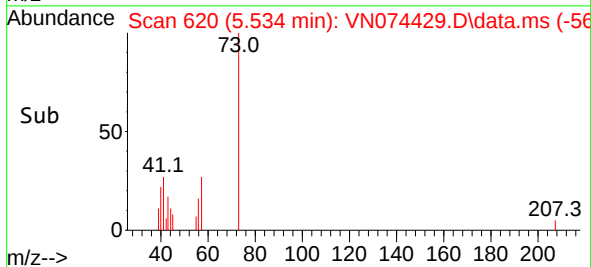
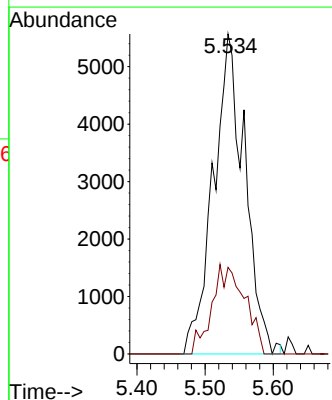
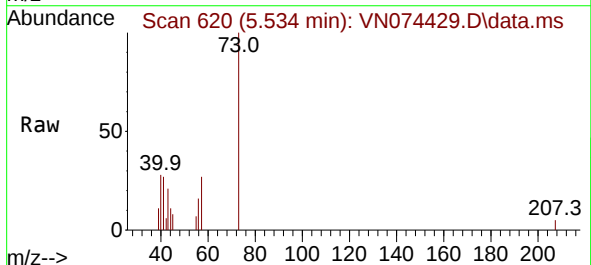
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-238-240

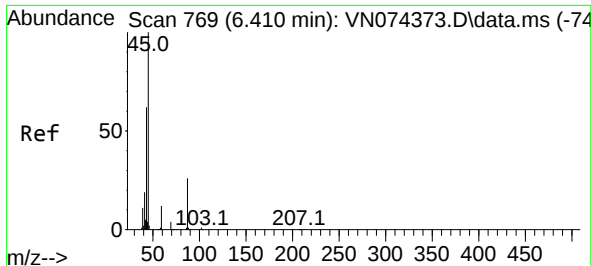
Tgt Ion: 43 Resp: 12404
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1



#19
Methyl tert-butyl Ether
Concen: 1.629 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.006 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion: 73 Resp: 17849
Ion Ratio Lower Upper
73 100
57 27.0 17.7 26.5#

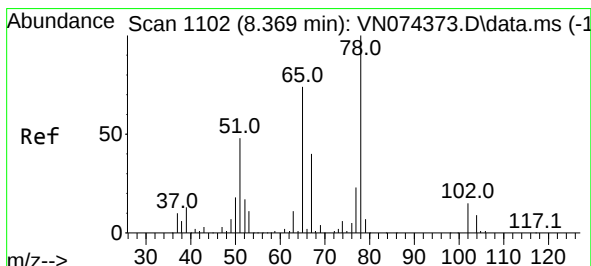
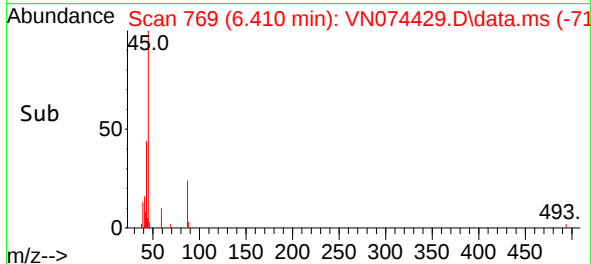
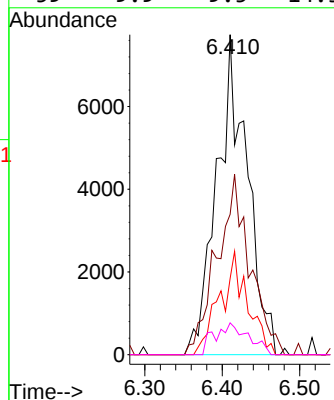
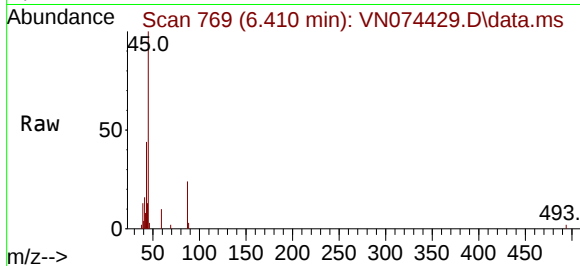




#22
Diisopropyl ether
Concen: 1.754 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

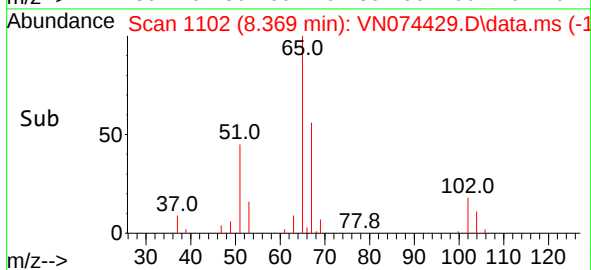
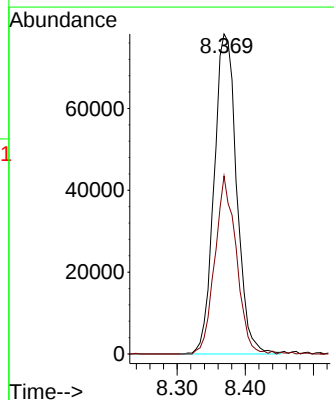
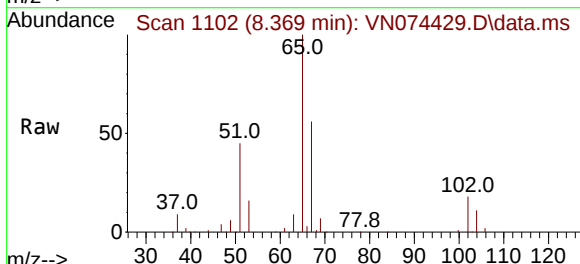
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-238-240

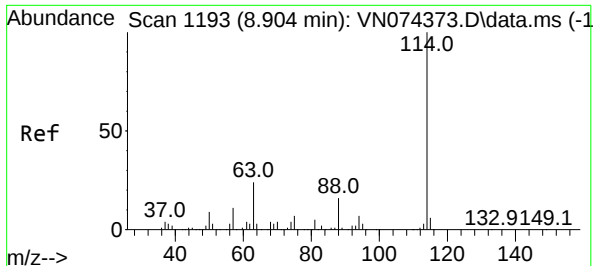
Tgt Ion:	45	Resp:	21082
Ion	Ratio	Lower	Upper
45	100		
43	43.9	49.4	74.0#
87	23.8	21.3	31.9
59	9.9	9.5	14.3



#33
1,2-Dichloroethane-d4
Concen: 47.646 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion:	65	Resp:	180017
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.4

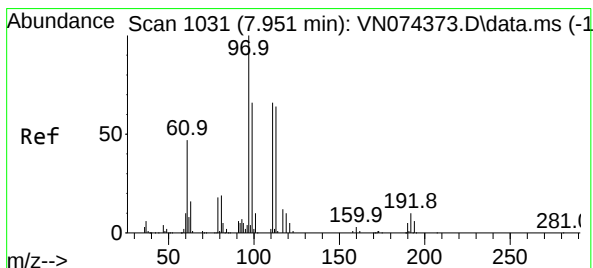
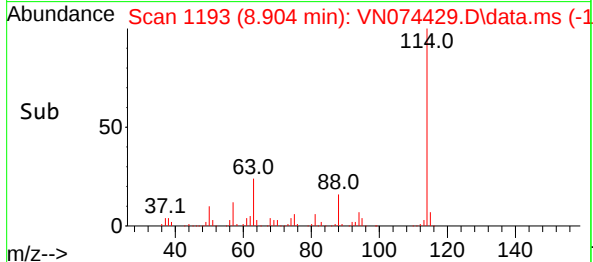
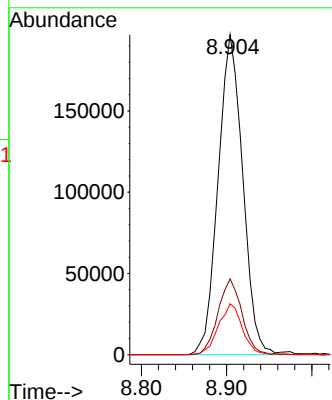
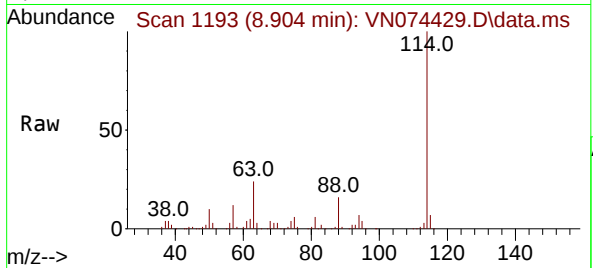




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

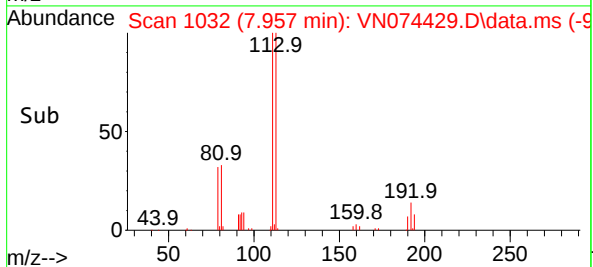
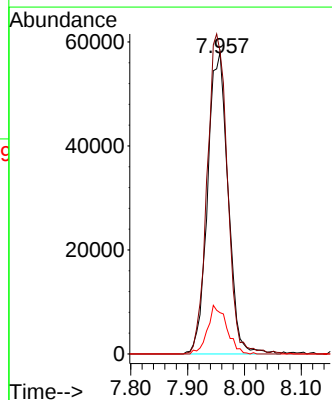
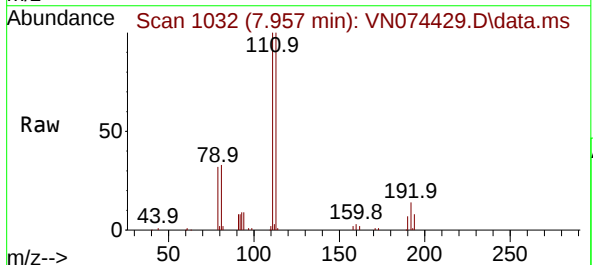
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-238-240

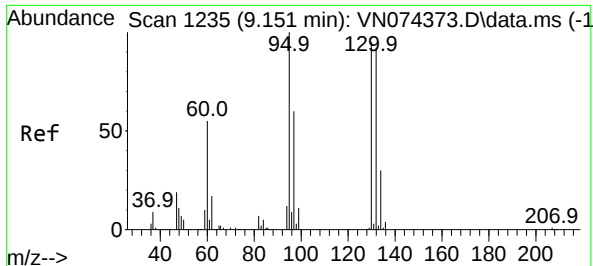
Tgt Ion:114 Resp: 394945
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.201 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion:113 Resp: 144513
Ion Ratio Lower Upper
113 100
111 105.1 83.0 124.4
192 15.1 13.7 20.5

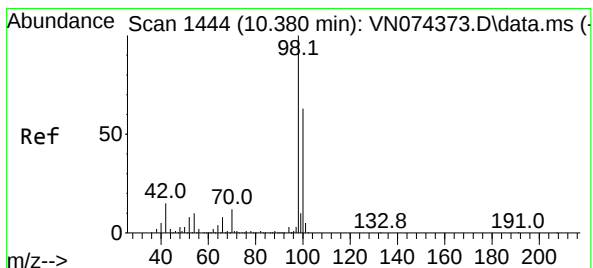
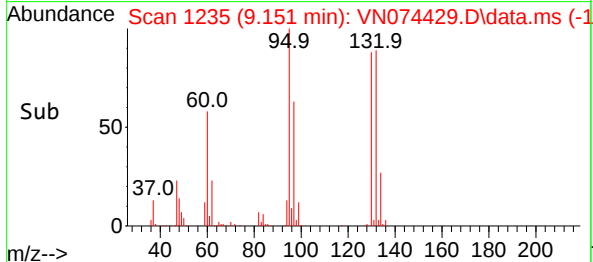
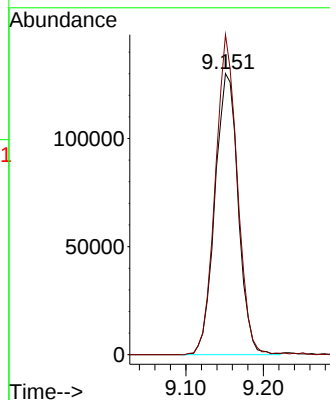
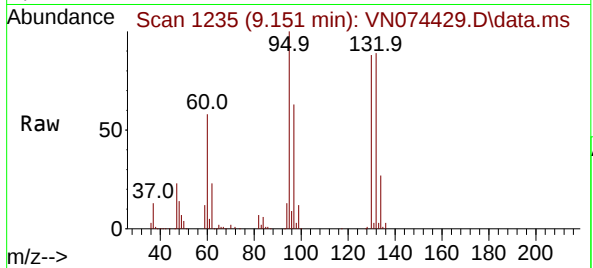




#44
Trichloroethene
Concen: 89.838 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

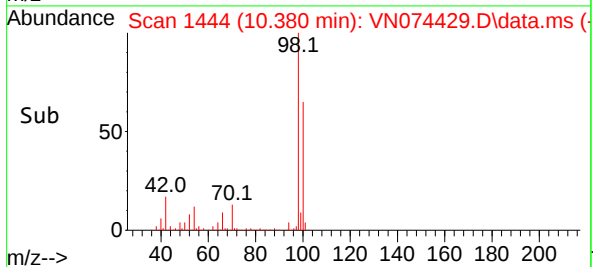
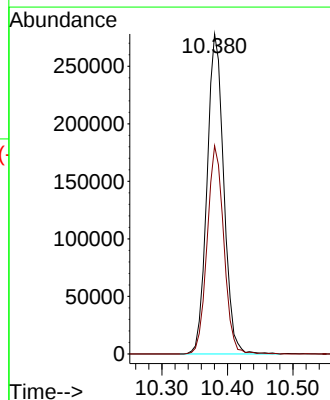
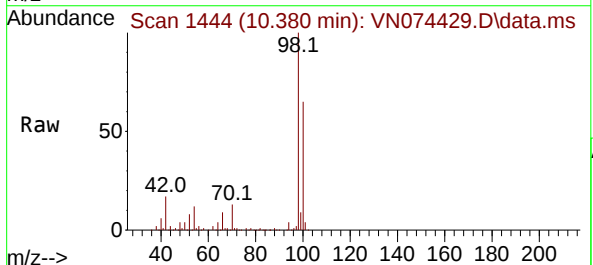
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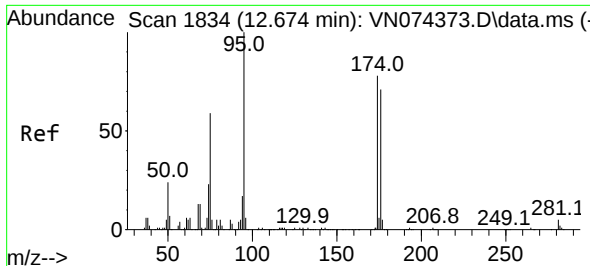
Tgt Ion:130 Resp: 270868
Ion Ratio Lower Upper
130 100
95 113.8 0.0 210.0



#50
Toluene-d8
Concen: 47.458 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion: 98 Resp: 493040
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

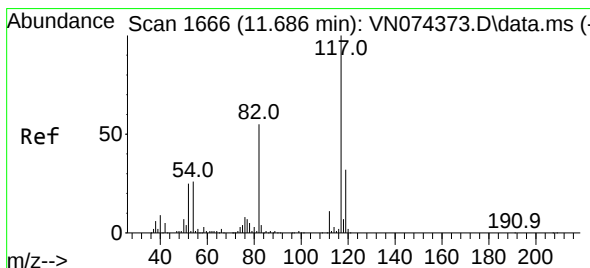
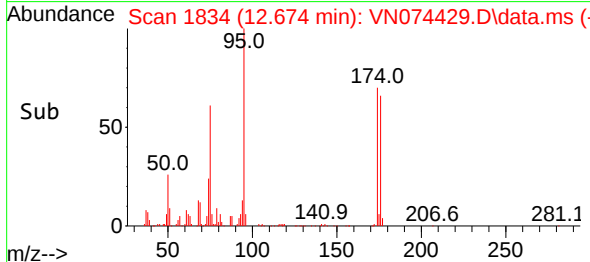
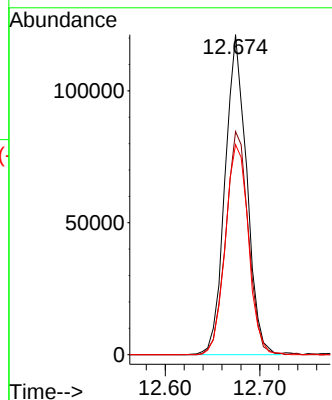
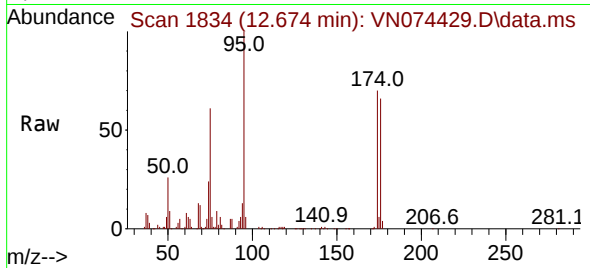




#62
4-Bromofluorobenzene
Concen: 51.034 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

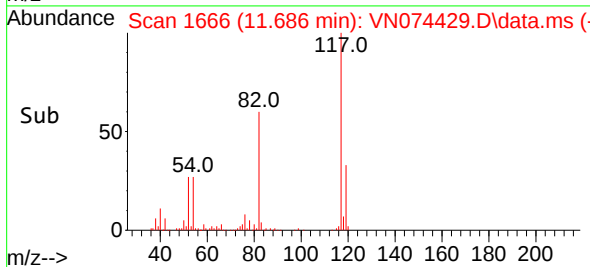
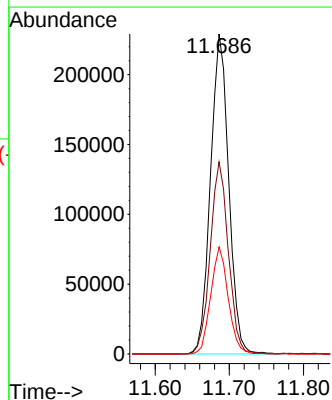
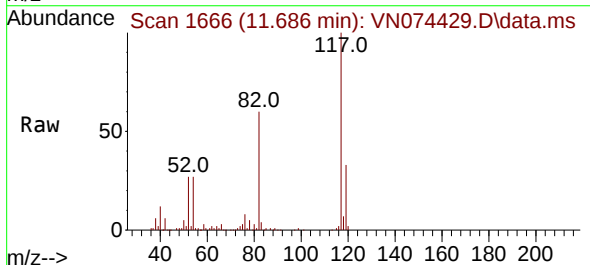
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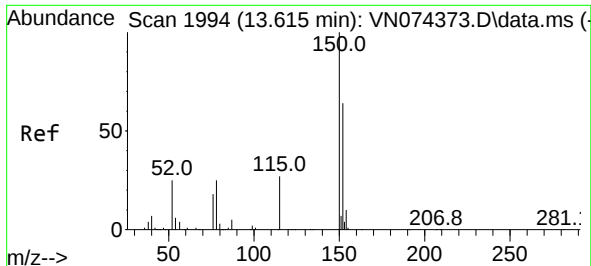
Tgt Ion: 95 Resp: 192496
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.6
176 70.1 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074429.D
Acq: 13 Sep 2022 13:34

Tgt Ion: 117 Resp: 391003
Ion Ratio Lower Upper
117 100
82 60.0 44.3 66.5
119 33.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074429.D
 Acq: 13 Sep 2022 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-238-240

Tgt Ion:152 Resp: 169502
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.0 96.0
 150 159.3 0.0 359.6

