

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079921.D
 Acq On : 06 Nov 2023 14:33
 Operator : JC\MD
 Sample : PB156885ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#04

Quant Time: Nov 07 04:47:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

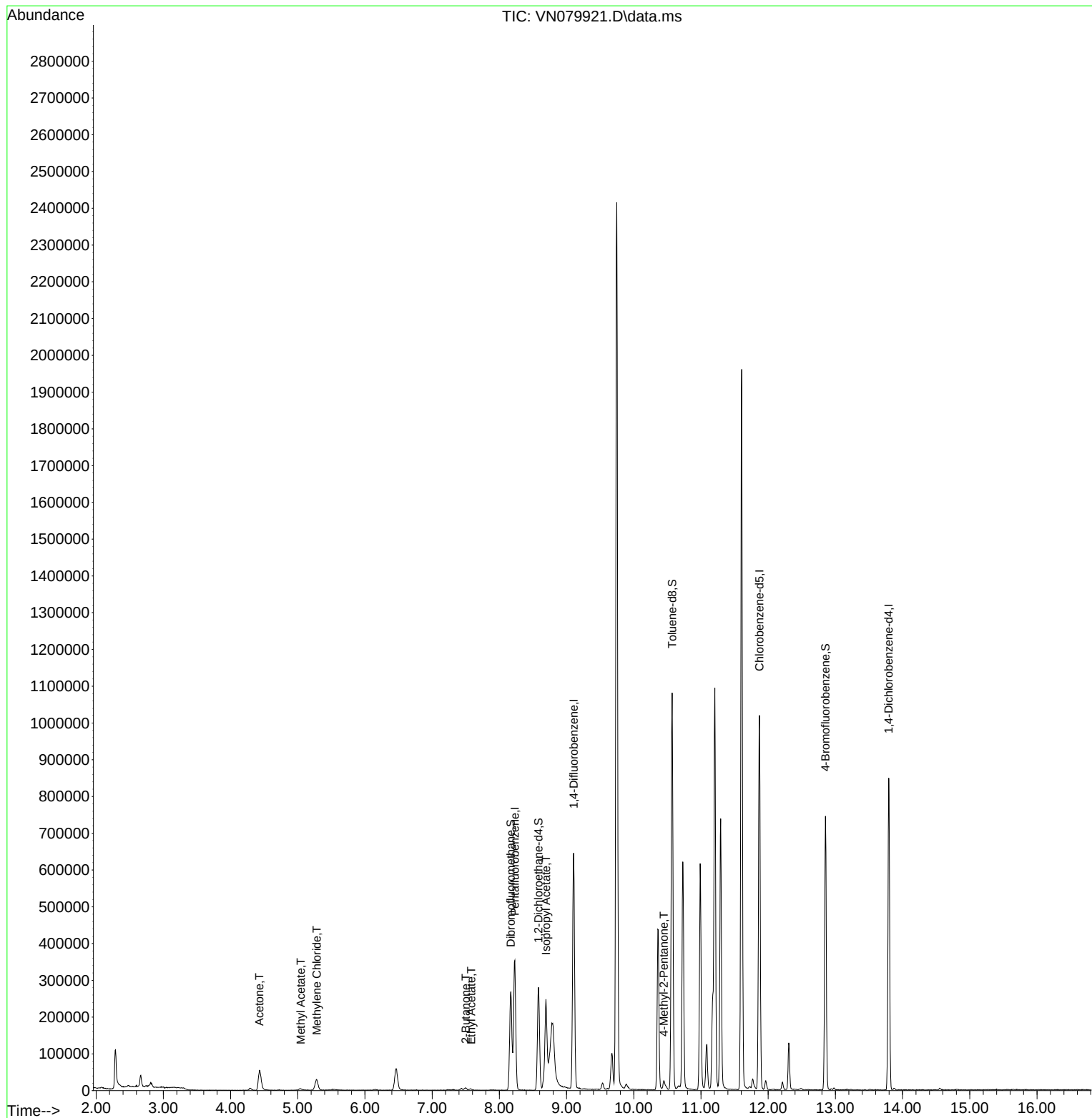
Internal Standards						
1) Pentafluorobenzene	8.230	168	248576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	578768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229268	60.539	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.080%		
35) Dibromofluoromethane	8.171	113	190573	50.345	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.700%		
50) Toluene-d8	10.571	98	725709	52.078	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.160%		
62) 4-Bromofluorobenzene	12.853	95	250989	54.308	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.620%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	105097	79.004	ug/l	94
18) Methyl Acetate	5.047	43	9875	1.552	ug/l #	68
20) Methylene Chloride	5.283	84	21996	6.553	ug/l #	82
25) 2-Butanone	7.500	43	11590	5.950	ug/l #	74
37) Ethyl Acetate	7.583	43	6845	1.381	ug/l #	86
43) Isopropyl Acetate	8.694	43	286597	32.969	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	24786	5.065	ug/l #	71

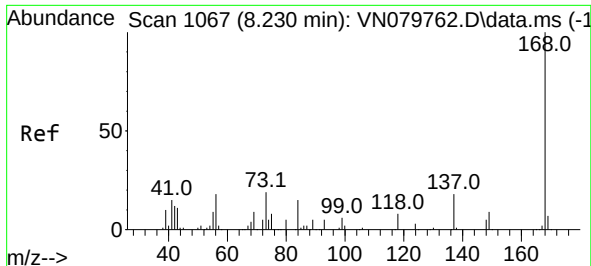
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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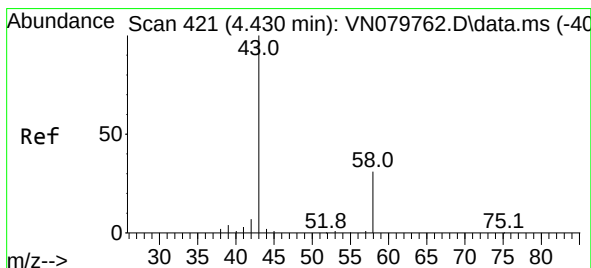
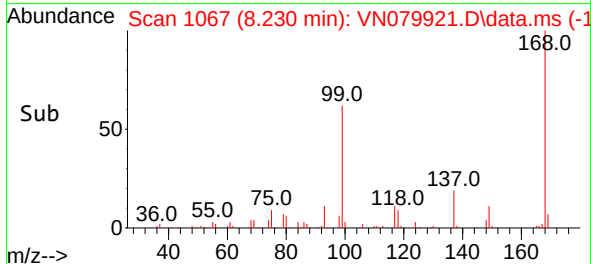
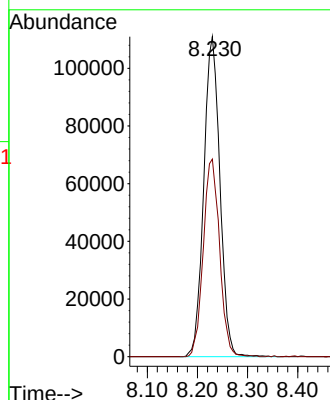
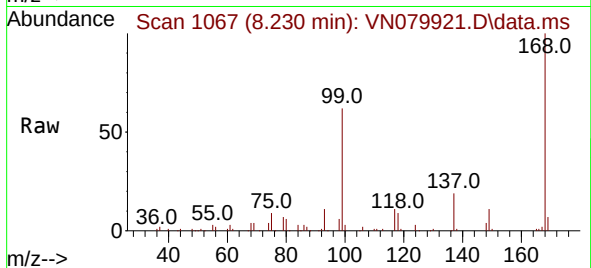




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

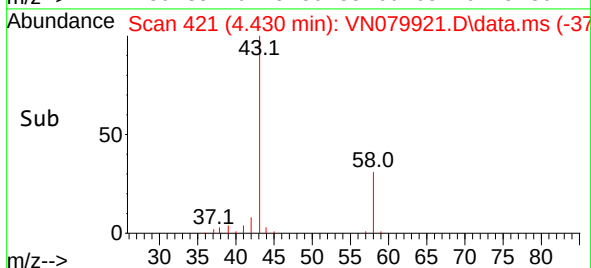
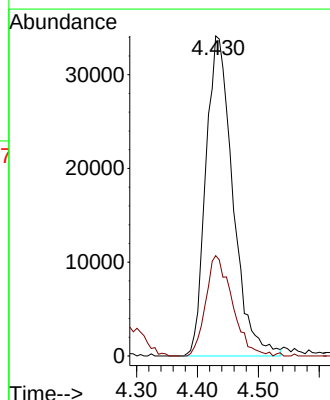
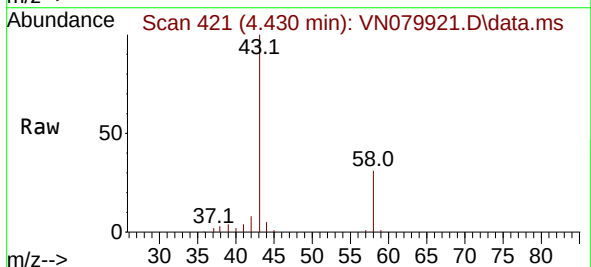
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#04

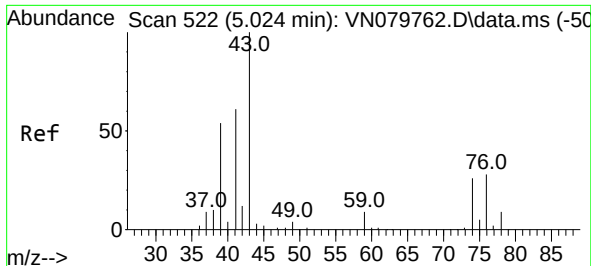
Tgt Ion:168 Resp: 248576
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 79.004 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion: 43 Resp: 105097
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

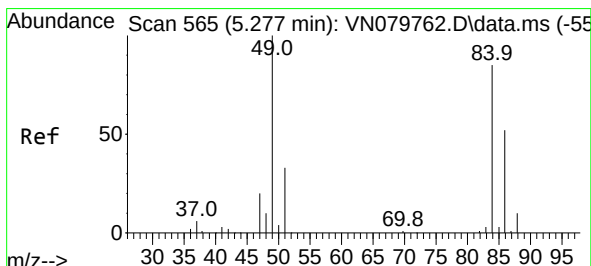
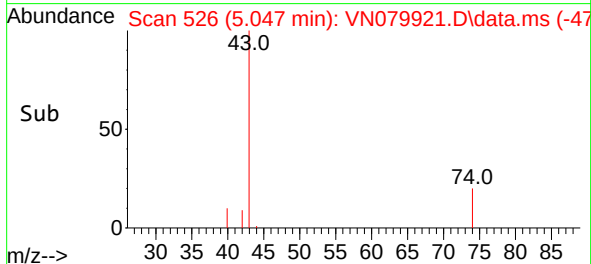
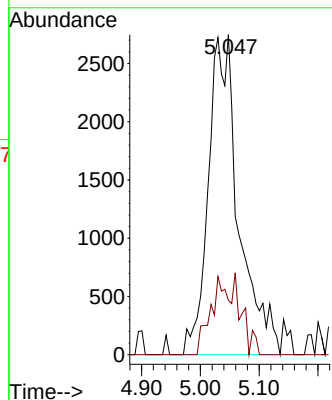
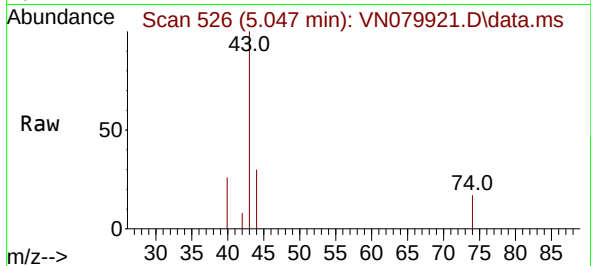




#18
Methyl Acetate
Concen: 1.552 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

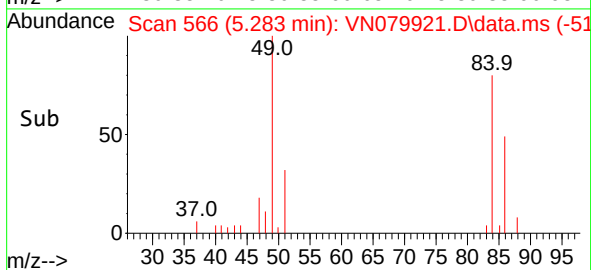
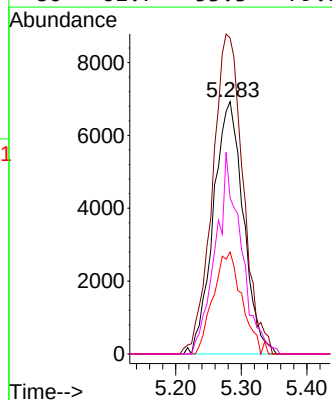
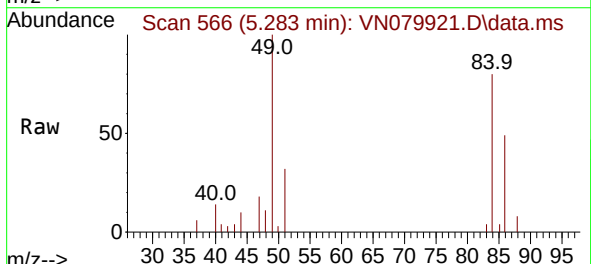
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#04

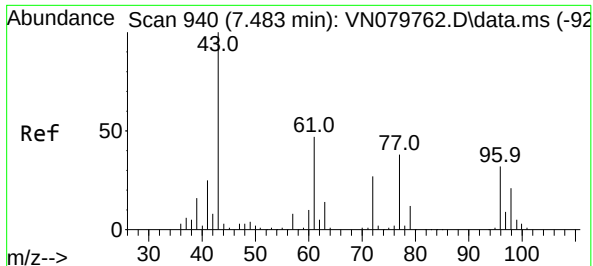
Tgt Ion: 43 Resp: 9875
Ion Ratio Lower Upper
43 100
74 15.0 26.2 39.4#



#20
Methylene Chloride
Concen: 6.553 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion: 84 Resp: 21996
Ion Ratio Lower Upper
84 100
49 125.2 79.7 119.5#
51 40.4 25.2 37.8#
86 61.7 53.3 79.9

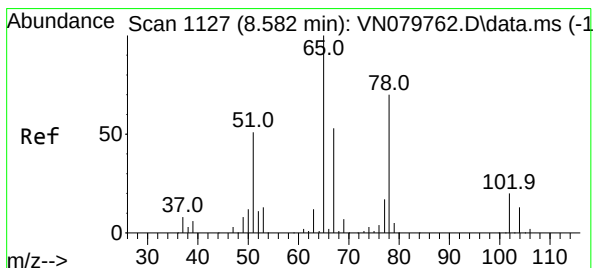
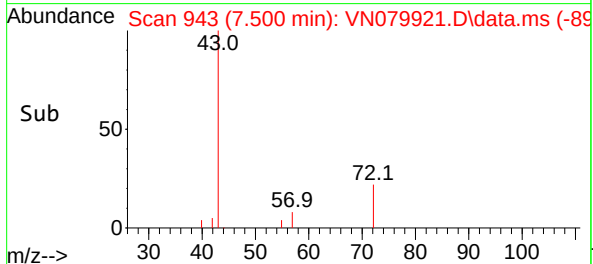
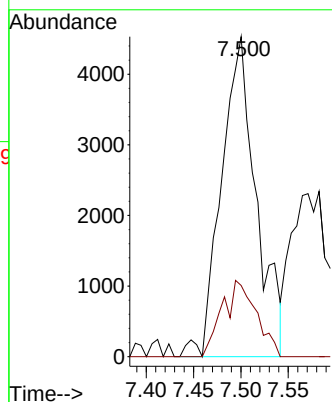
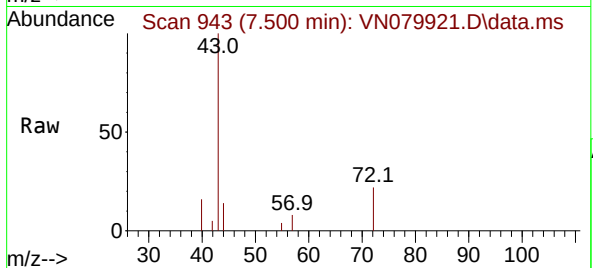




#25
2-Butanone
Concen: 5.950 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

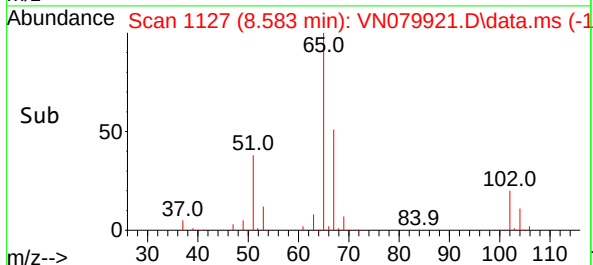
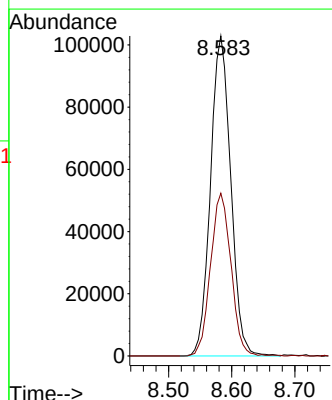
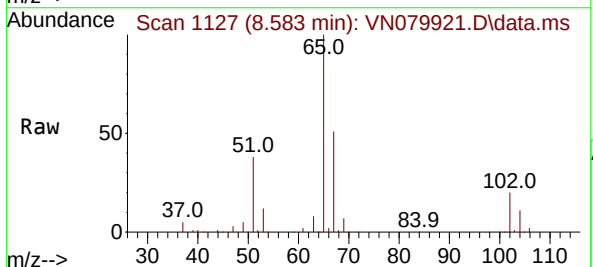
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#04

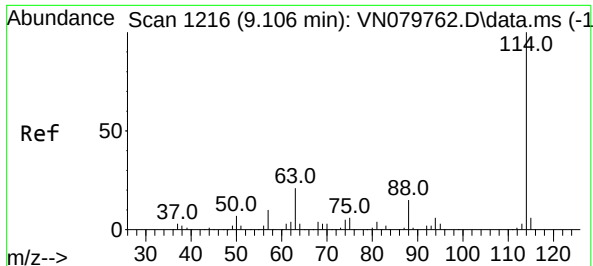
Tgt Ion: 43 Resp: 11590
Ion Ratio Lower Upper
43 100
72 22.3 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 60.539 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion: 65 Resp: 229268
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

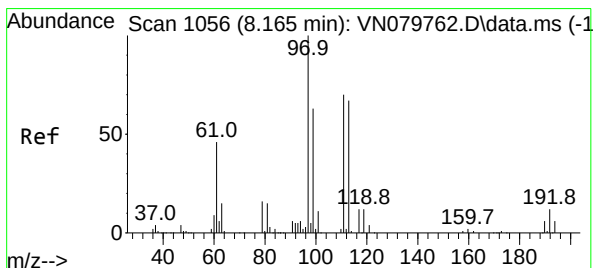
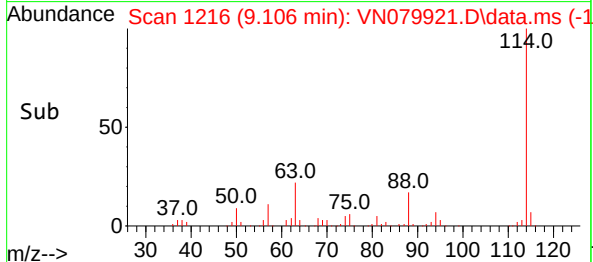
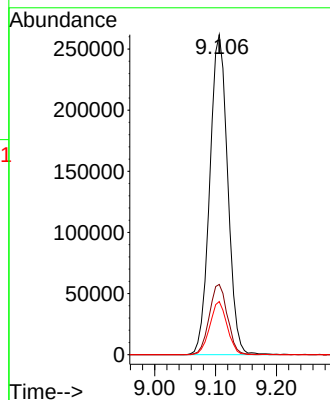
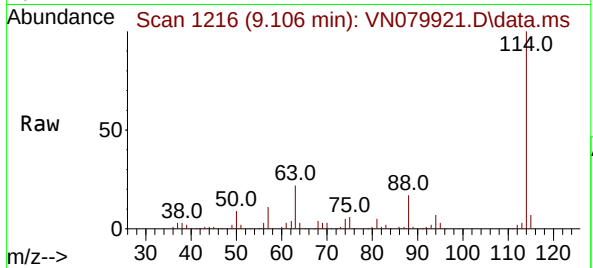




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

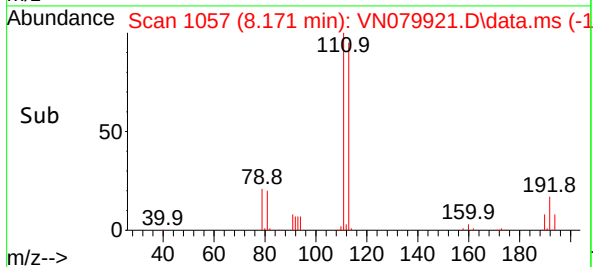
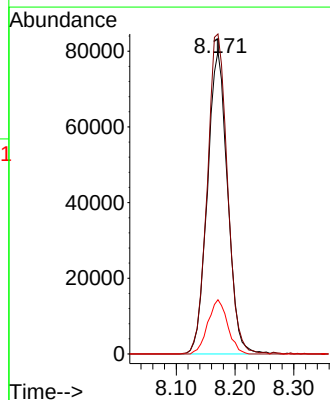
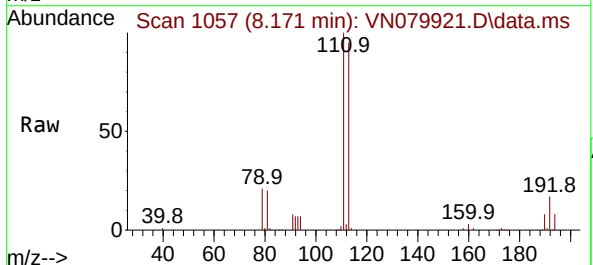
Instrument :
MSVOA_N
ClientSampleId :
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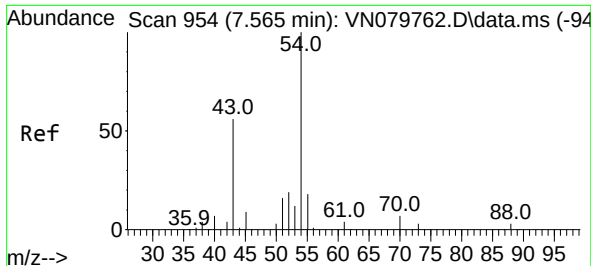
Tgt Ion:114 Resp: 534833
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.345 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion:113 Resp: 190573
Ion Ratio Lower Upper
113 100
111 105.7 82.6 123.8
192 17.5 12.7 19.1

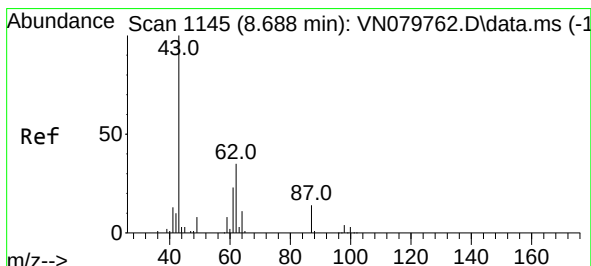
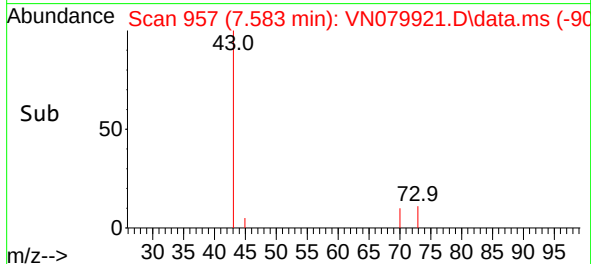
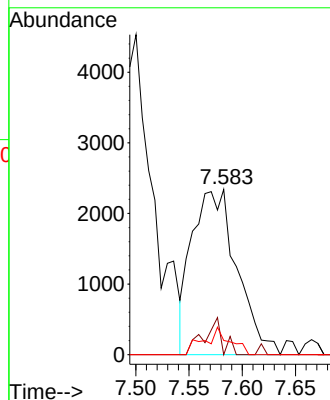
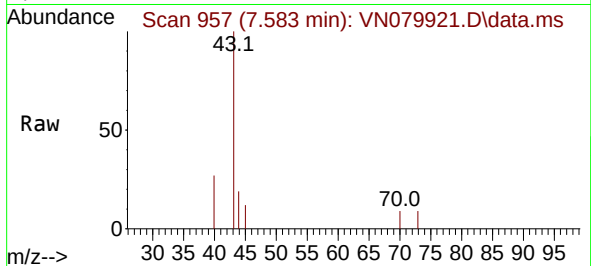




#37
Ethyl Acetate
Concen: 1.381 ug/l
RT: 7.583 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

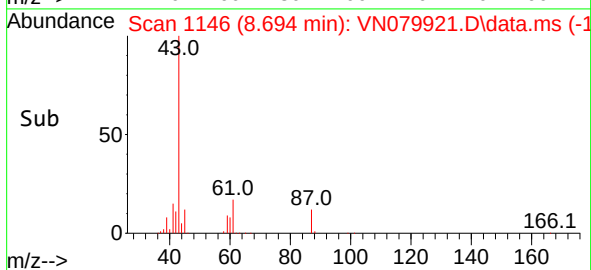
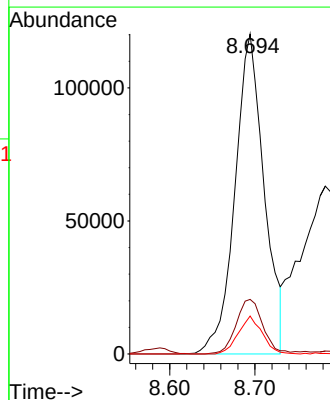
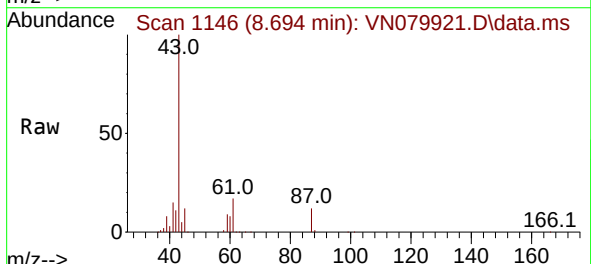
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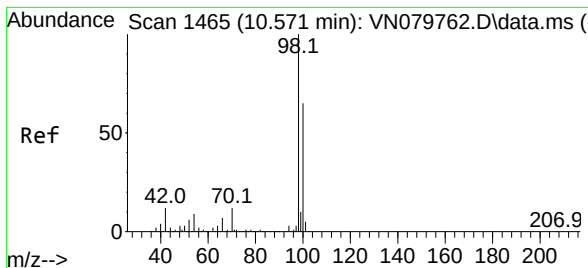
Tgt Ion:	43	Resp:	6845
Ion	Ratio	Lower	Upper
43	100		
61	9.3	13.2	19.8#
70	9.5	11.3	16.9#



#43
Isopropyl Acetate
Concen: 32.969 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion:	43	Resp:	286597
Ion	Ratio	Lower	Upper
43	100		
61	15.8	24.7	37.1#
87	9.7	14.6	21.8#

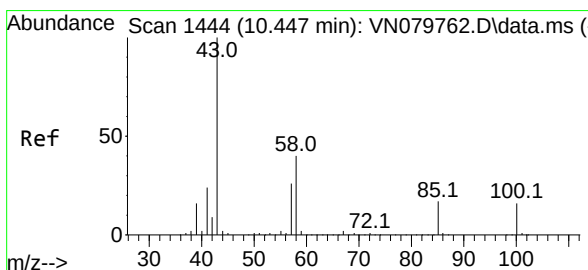
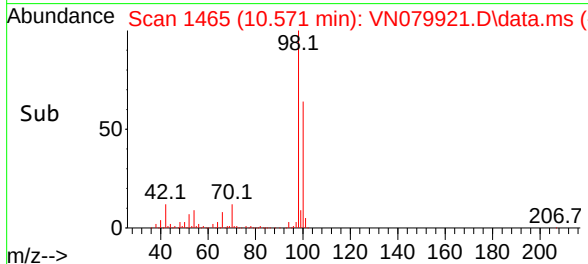
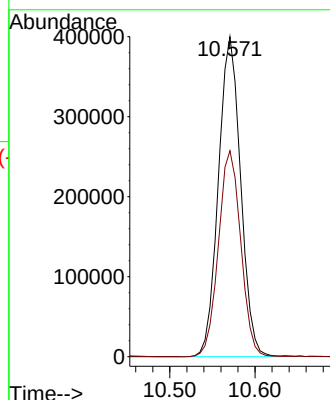
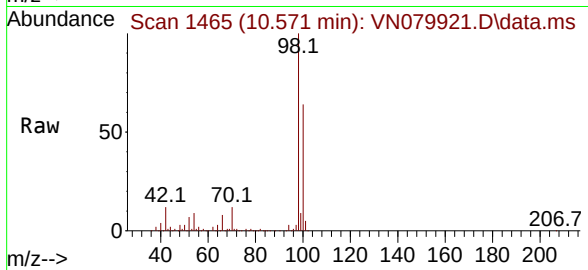




#50
Toluene-d8
Concen: 52.078 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

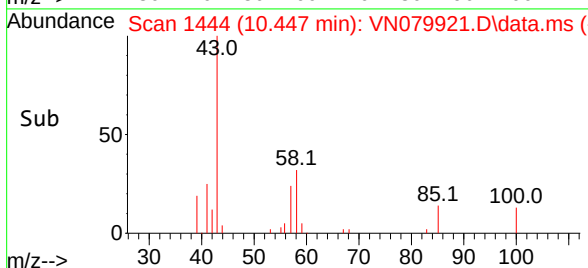
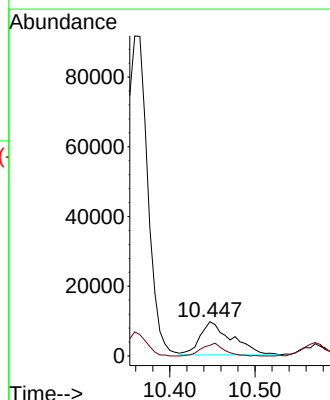
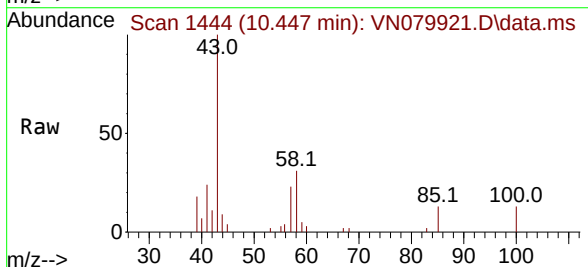
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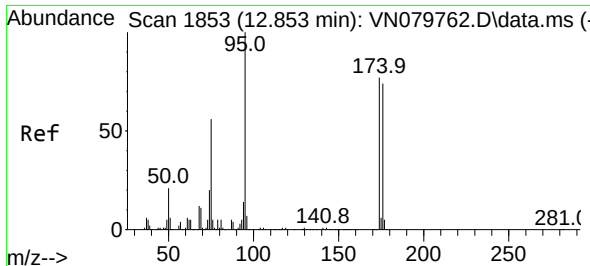
Tgt Ion: 98 Resp: 725709
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.065 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Tgt Ion: 43 Resp: 24786
Ion Ratio Lower Upper
43 100
58 26.9 36.6 54.8#

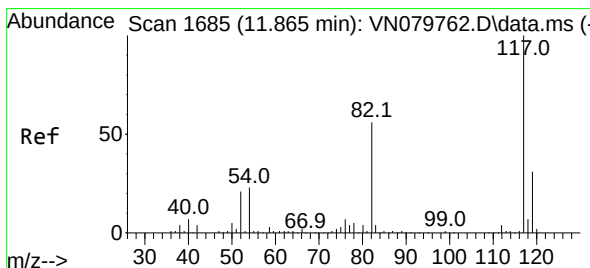
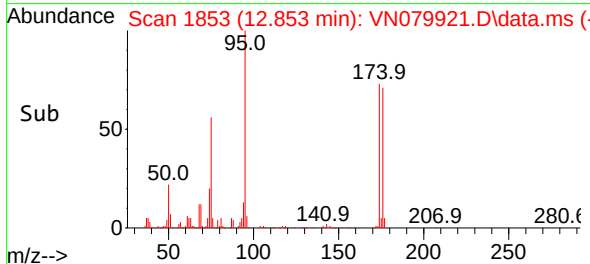
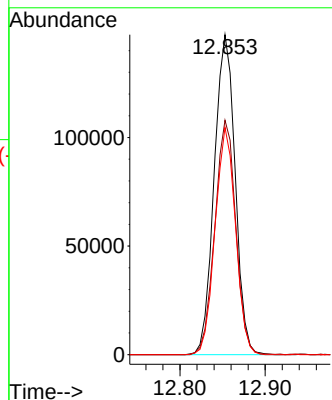
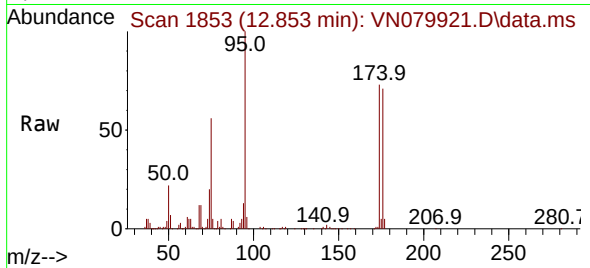




#62
4-Bromofluorobenzene
Concen: 54.308 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

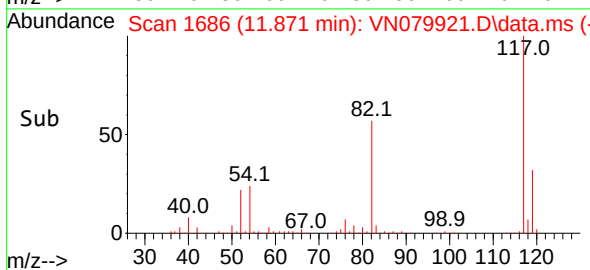
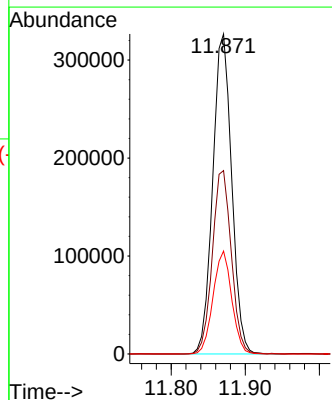
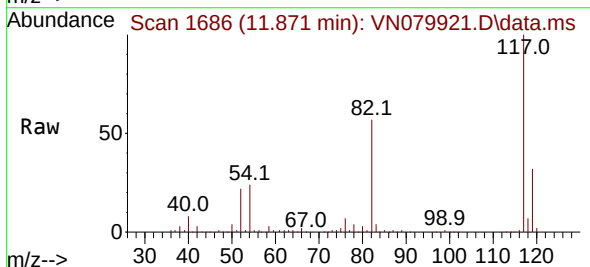
Instrument :
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PB156885ZHE#04

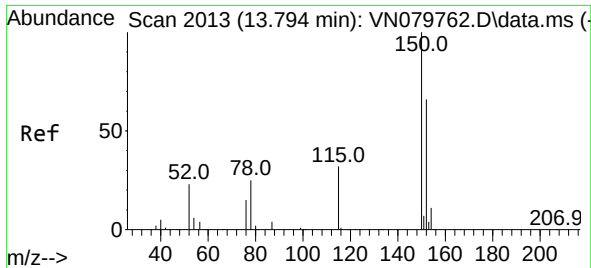
Tgt Ion: 95 Resp: 250989
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 69.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

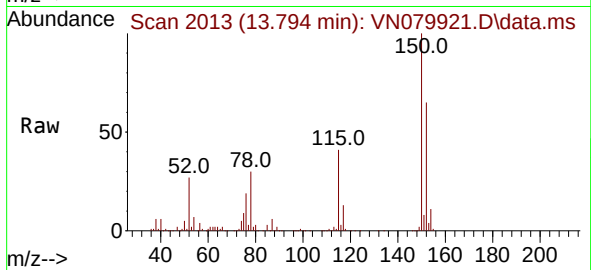
Tgt Ion: 117 Resp: 578768
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.1 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079921.D
Acq: 06 Nov 2023 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#04



Tgt Ion:152 Resp: 218244
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 159.0 0.0 355.8

