

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079068.D
 Acq On : 28 Aug 2023 15:43
 Operator : JC\MD
 Sample : 04122-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FLY-ASH

Quant Time: Aug 29 04:06:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

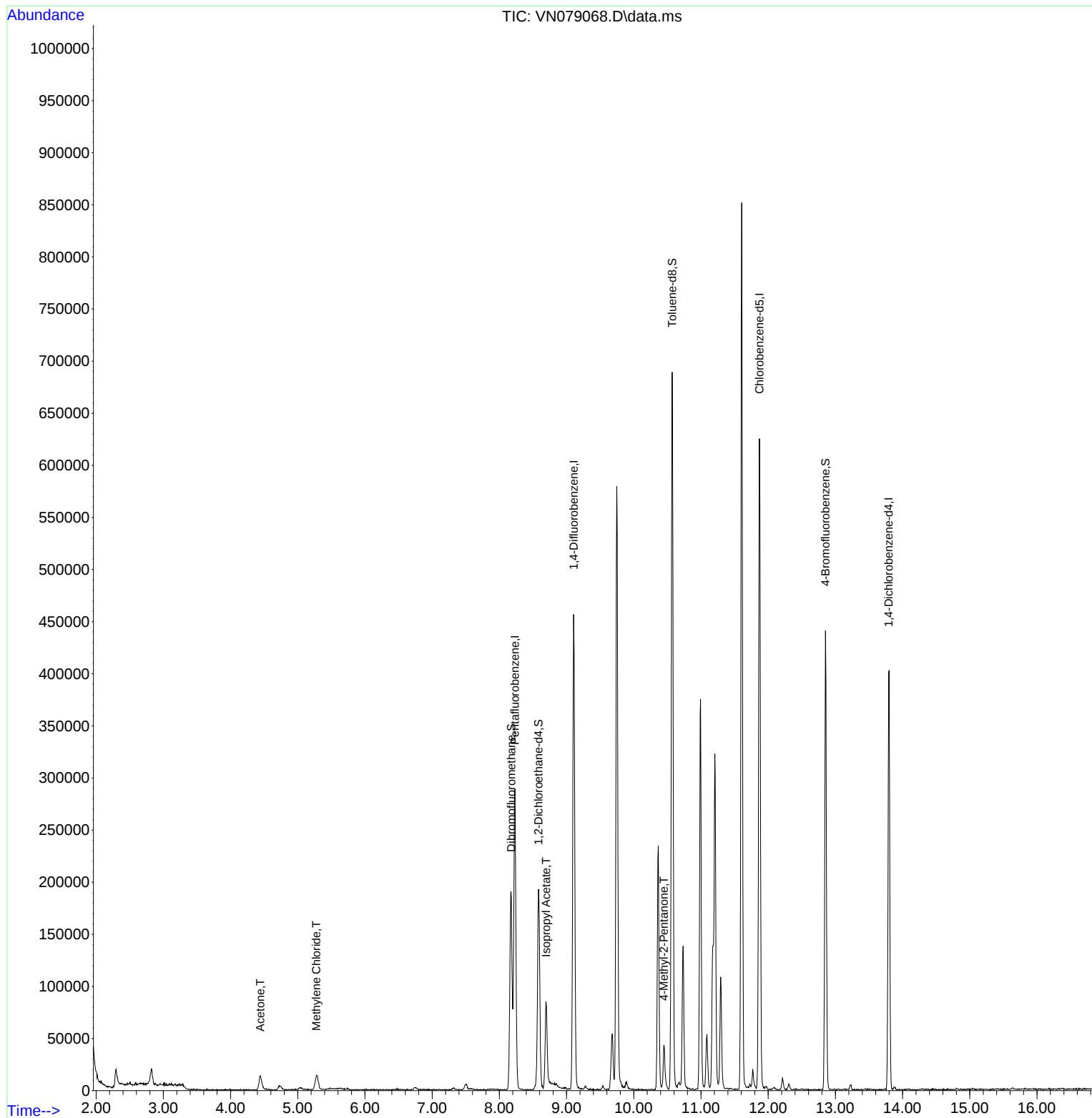
Internal Standards						
1) Pentafluorobenzene	8.229	168	207986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	361051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156919	48.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.177	113	132769	51.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.571	98	469947	48.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.853	95	142695	45.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	24964	18.694	ug/l	89
20) Methylene Chloride	5.277	84	11045	3.881	ug/l	94
43) Isopropyl Acetate	8.694	43	97672	12.705	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	31714	6.955	ug/l #	80

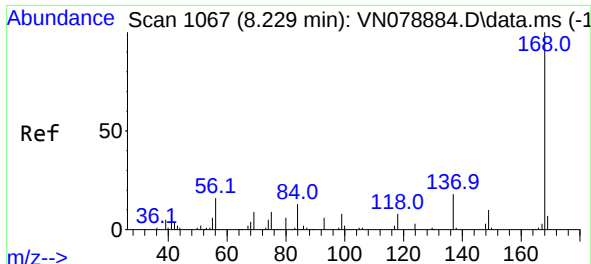
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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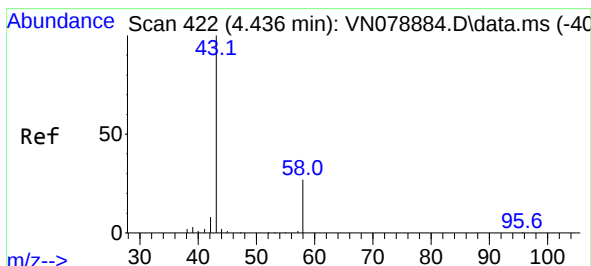
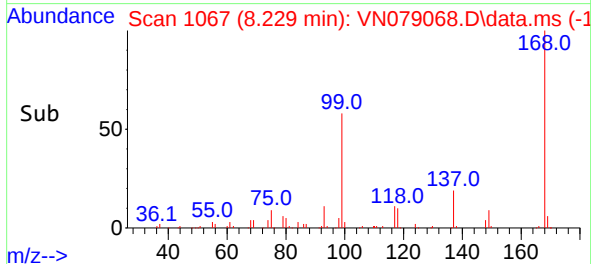
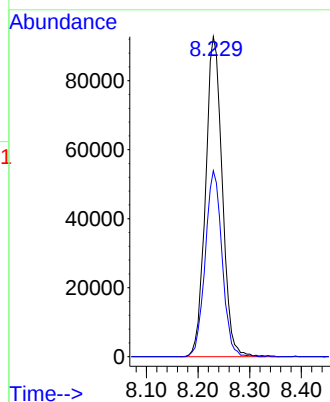
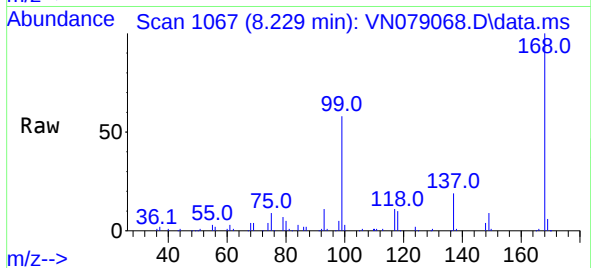




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

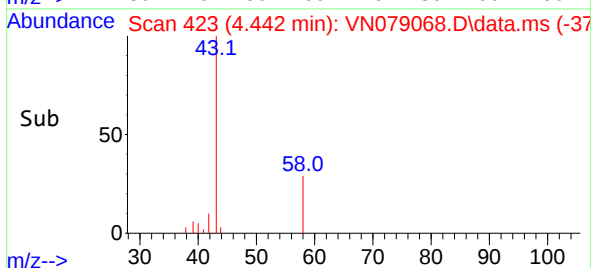
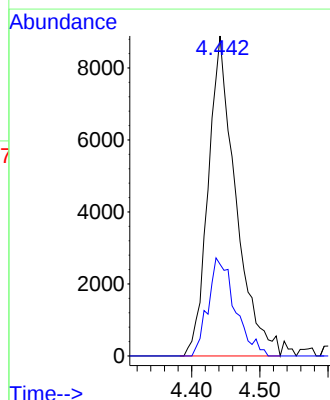
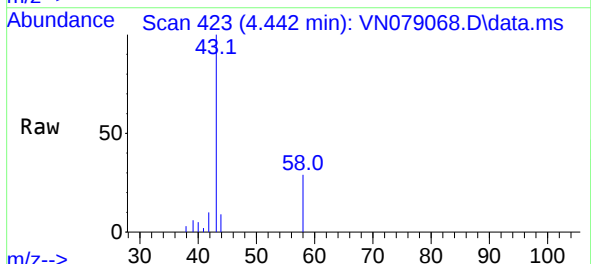
Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

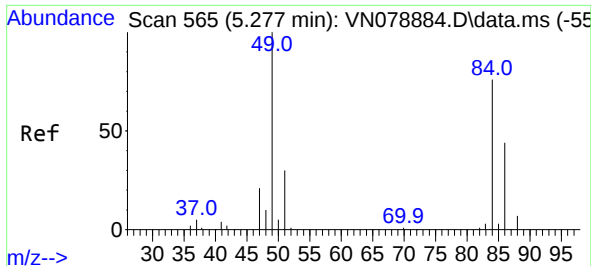
Tgt Ion:168 Resp: 207986
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#16
Acetone
Concen: 18.694 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 43 Resp: 24964
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0



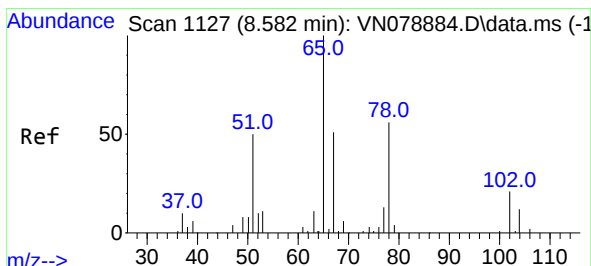
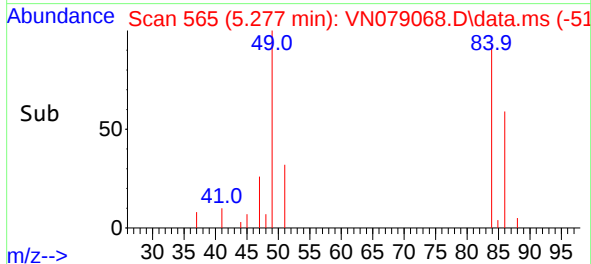
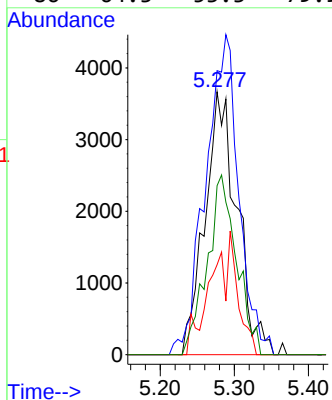
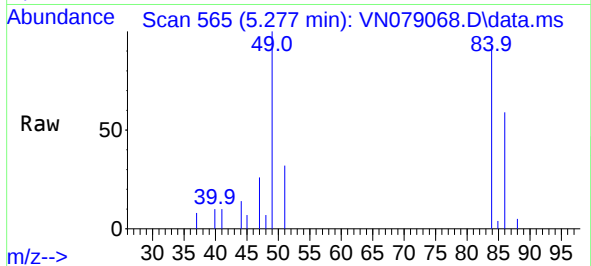


#20
Methylene Chloride
Concen: 3.881 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

Tgt Ion: 84 Resp: 11045

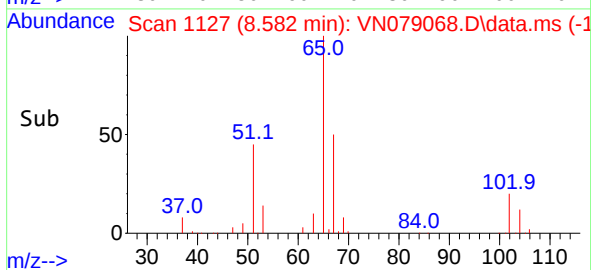
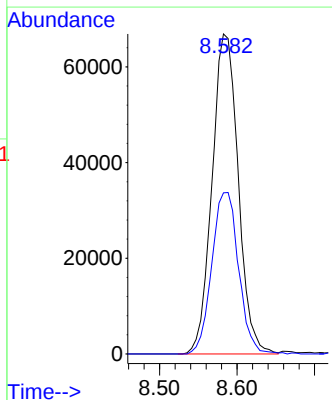
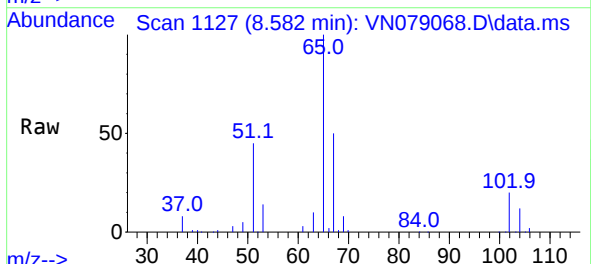
Ion	Ratio	Lower	Upper
84	100		
49	108.0	79.7	119.5
51	34.2	25.2	37.8
86	64.3	53.3	79.9

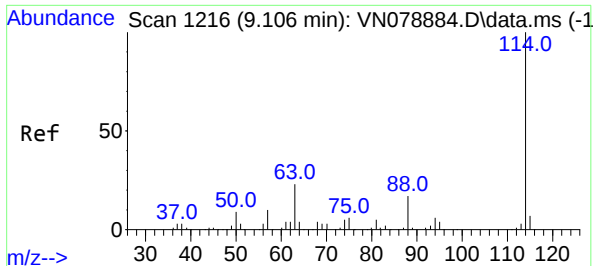


#33
1,2-Dichloroethane-d4
Concen: 48.485 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 65 Resp: 156919

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.6

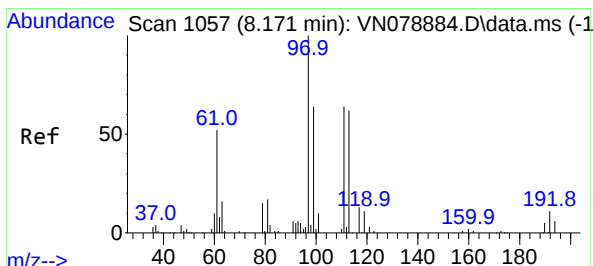
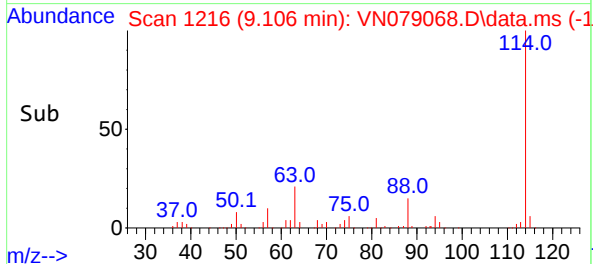
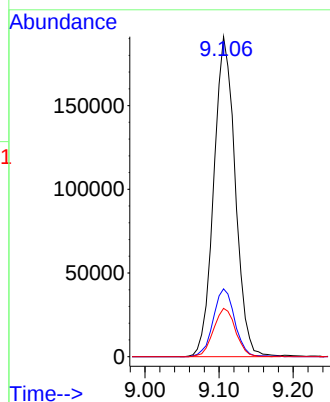
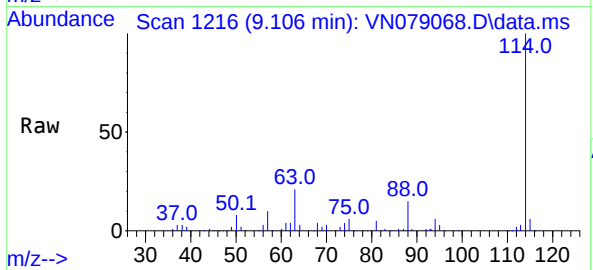




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

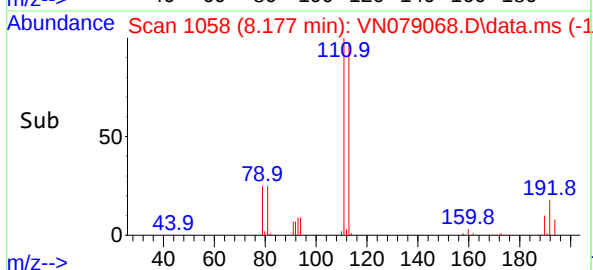
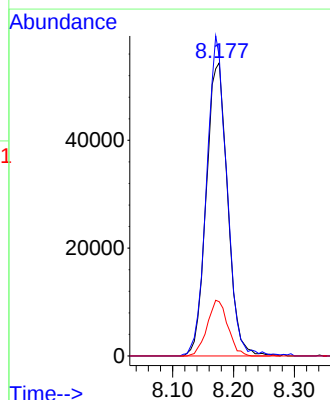
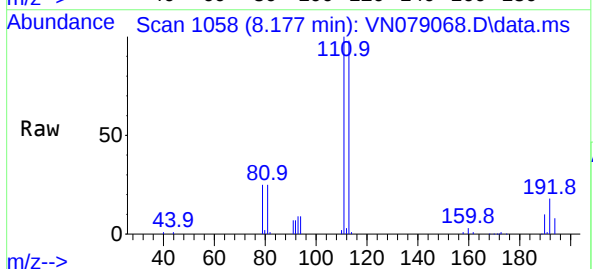
Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

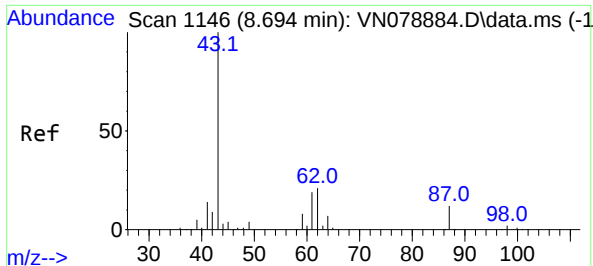
Tgt Ion:114 Resp: 383917
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.375 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion:113 Resp: 132769
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.3 12.7 19.1

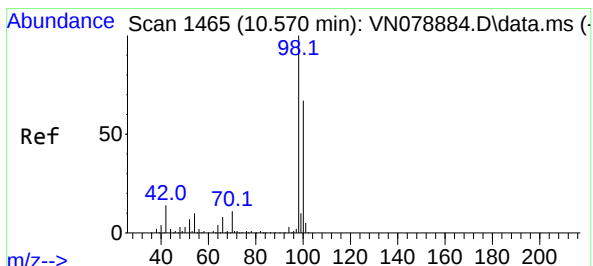
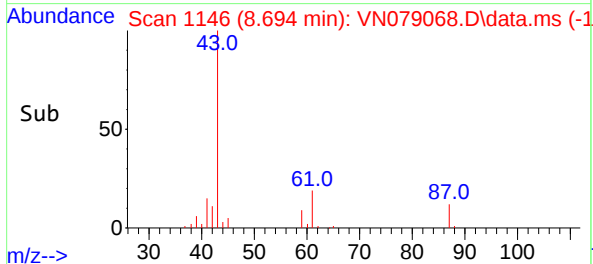
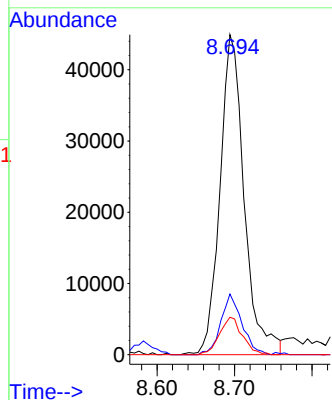
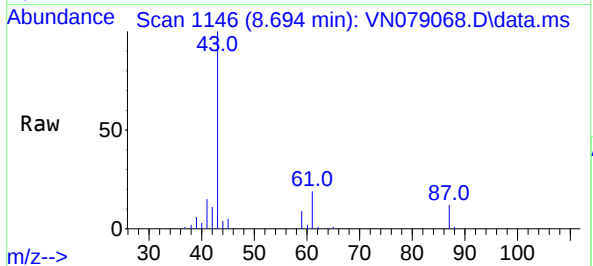




#43
Isopropyl Acetate
Concen: 12.705 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

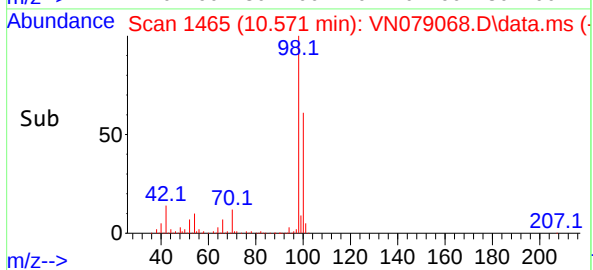
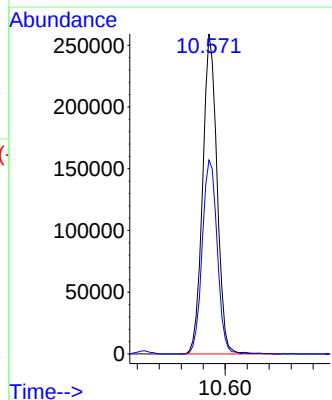
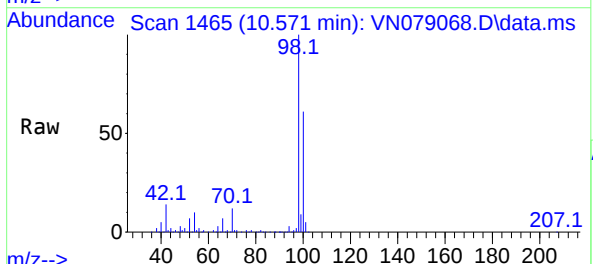
Instrument :
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FLY-ASH

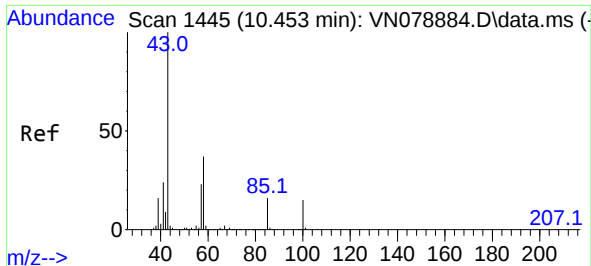
Tgt Ion: 43 Resp: 97672
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.1 14.6 21.8#



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 98 Resp: 469947
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

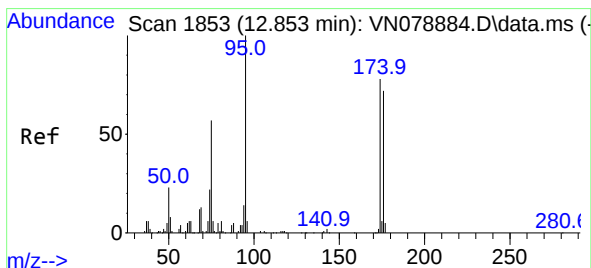
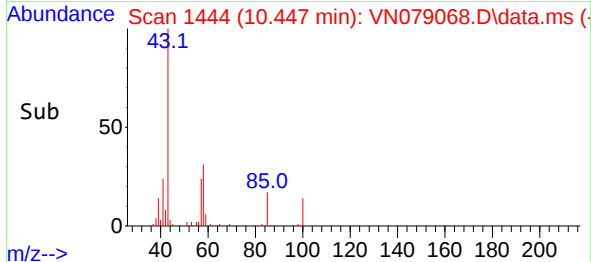
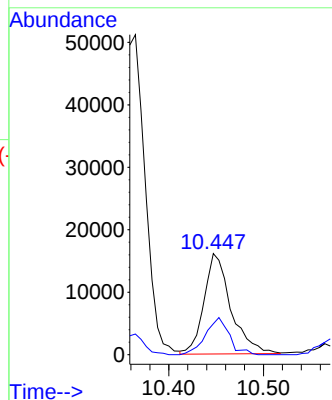
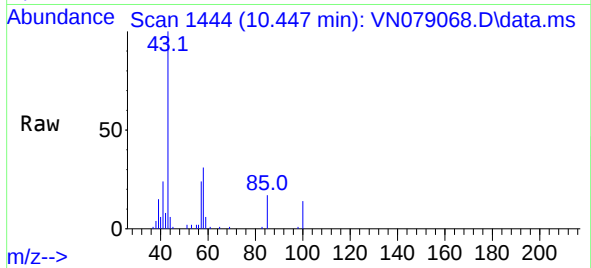




#51
4-Methyl-2-Pentanone
Concen: 6.955 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

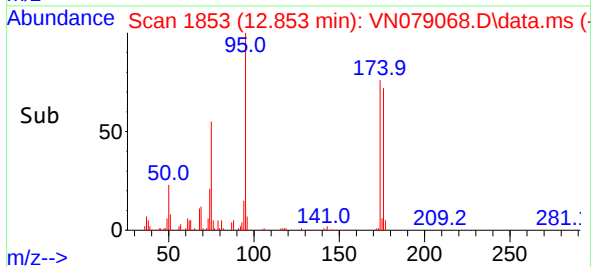
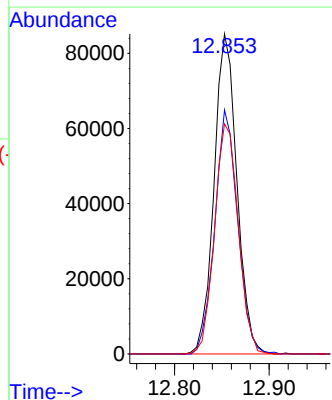
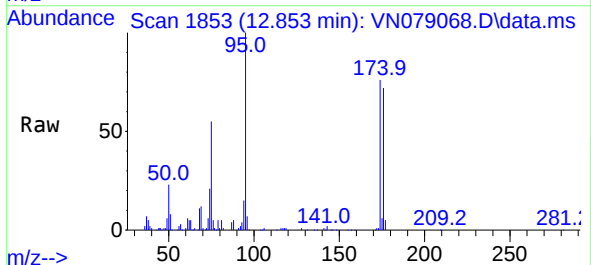
Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

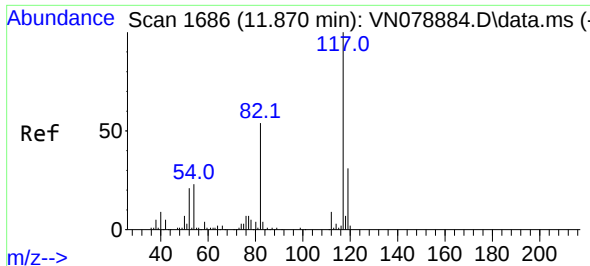
Tgt Ion: 43 Resp: 31714
Ion Ratio Lower Upper
43 100
58 32.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 95 Resp: 142695
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 74.7 0.0 135.8

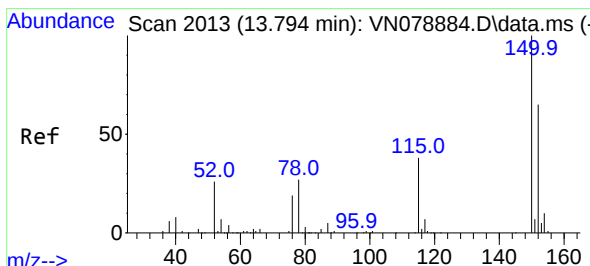
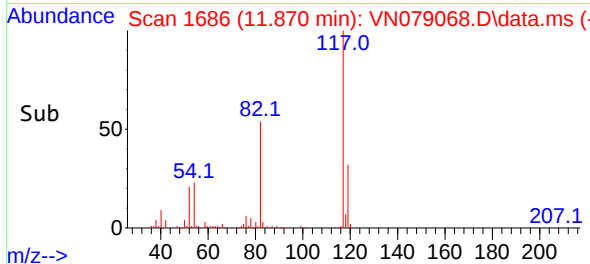
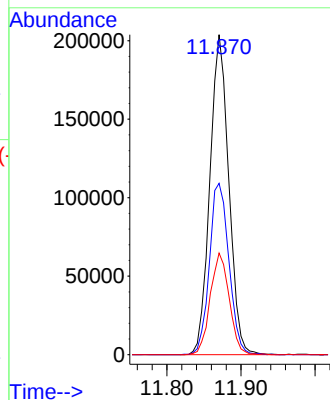
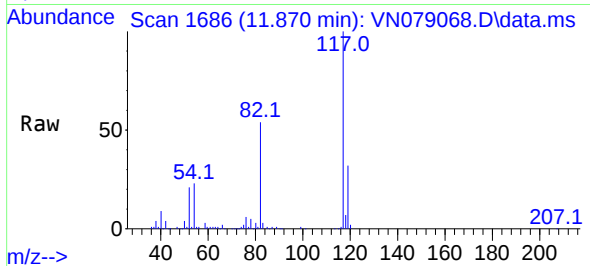




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

Tgt Ion:	117	Resp:	361051
Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.0	66.0
119	31.8	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion:	152	Resp:	107067
Ion	Ratio	Lower	Upper
152	100		
115	58.9	32.3	96.8
150	159.4	0.0	355.8

