

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078848.D
 Acq On : 10 Aug 2023 19:34
 Operator : JC\MD
 Sample : 03905-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FLY-ASH

Quant Time: Aug 10 23:56:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

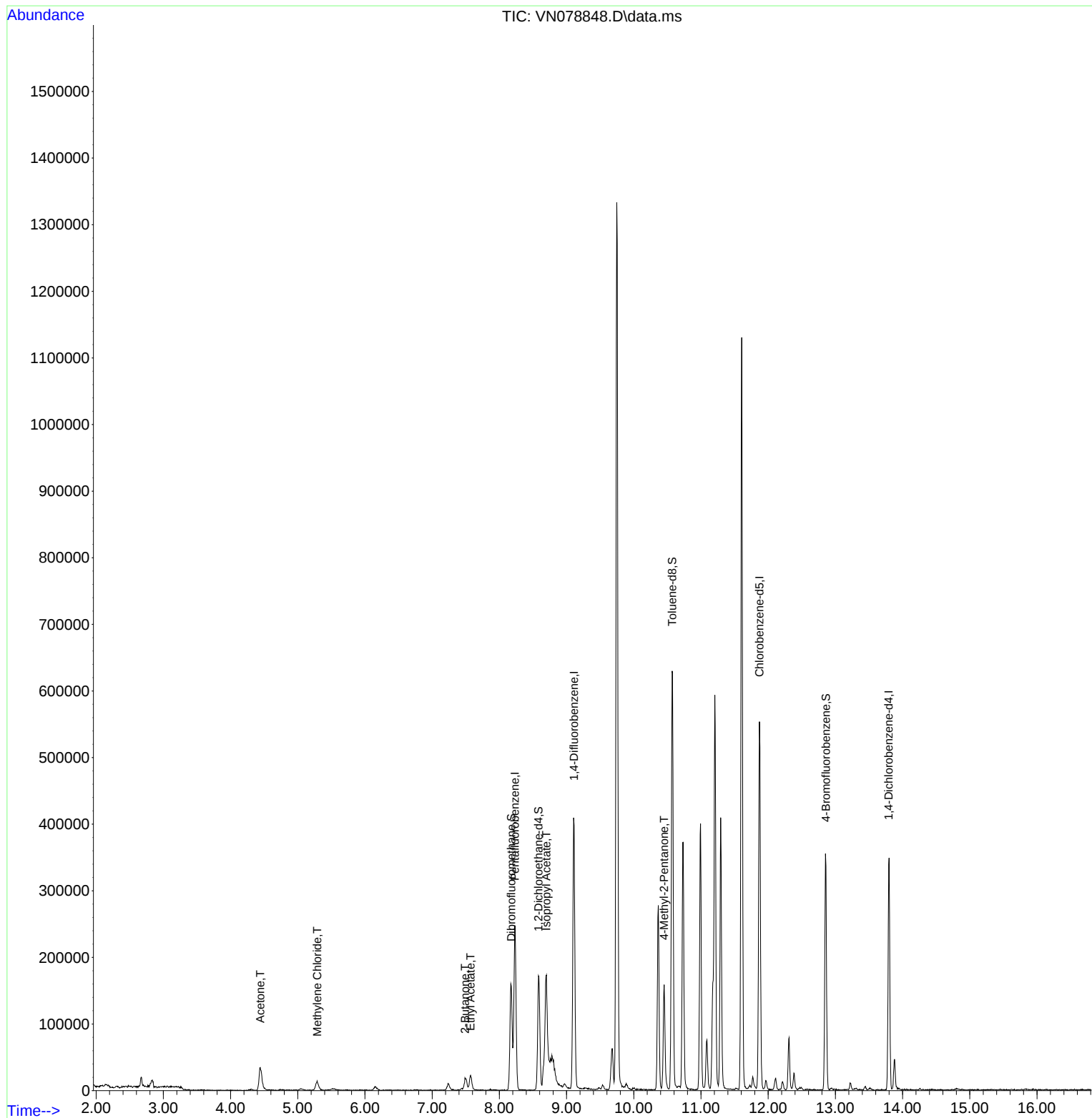
Internal Standards						
1) Pentafluorobenzene	8.230	168	172319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	333080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	310134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135028	52.269	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.540%		
35) Dibromofluoromethane	8.177	113	110234	49.008	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.020%		
50) Toluene-d8	10.571	98	430133	51.964	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.920%		
62) 4-Bromofluorobenzene	12.859	95	115925	46.861	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.720%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	67232	67.641	ug/l	94
20) Methylene Chloride	5.289	84	9104	3.698	ug/l #	67
25) 2-Butanone	7.489	43	31655	18.807	ug/l #	81
37) Ethyl Acetate	7.571	43	36411	9.814	ug/l #	89
43) Isopropyl Acetate	8.700	43	242509	38.768	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	114547	29.895	ug/l #	83

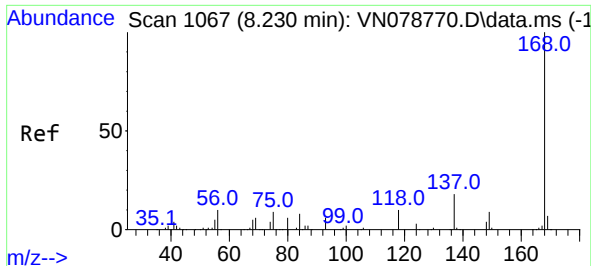
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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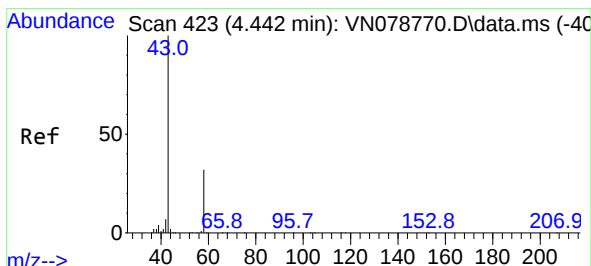
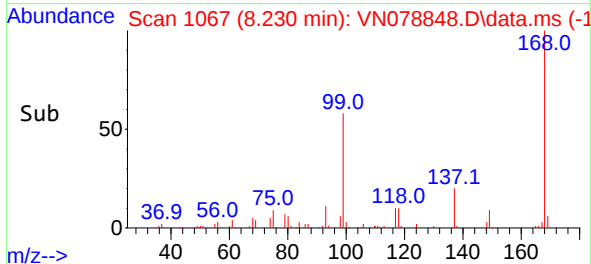
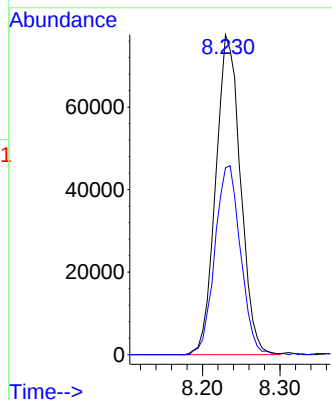
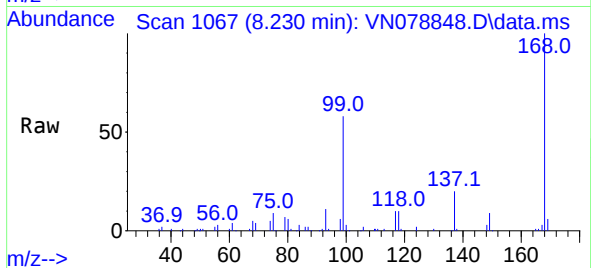




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

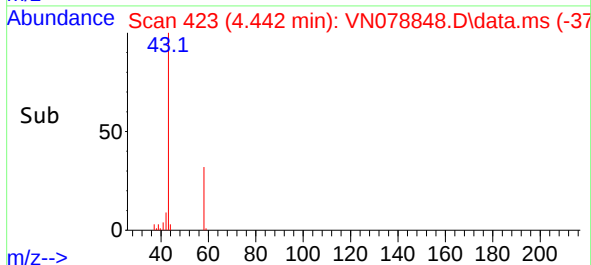
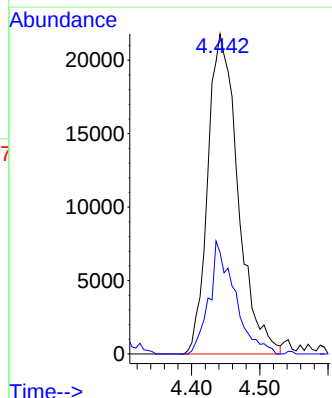
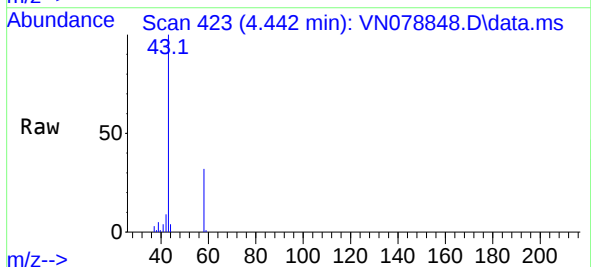
Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

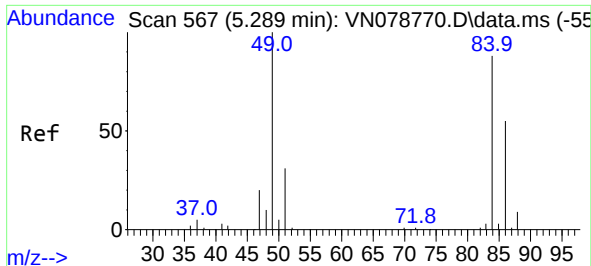
Tgt Ion:168 Resp: 172319
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#16
Acetone
Concen: 67.641 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

Tgt Ion: 43 Resp: 67232
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

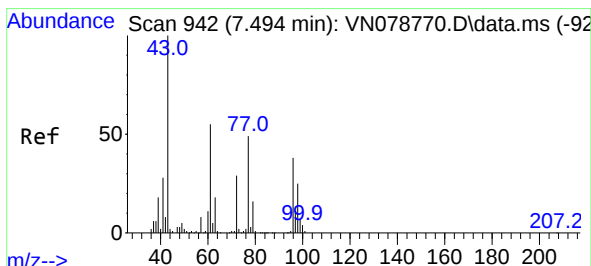
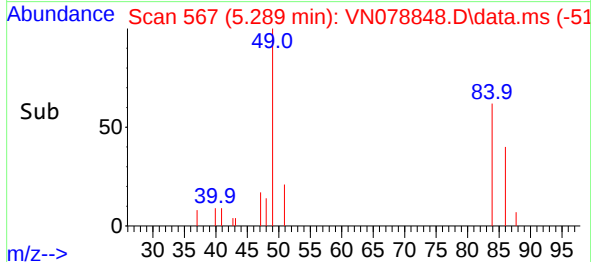
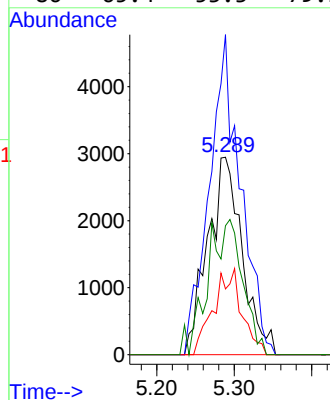
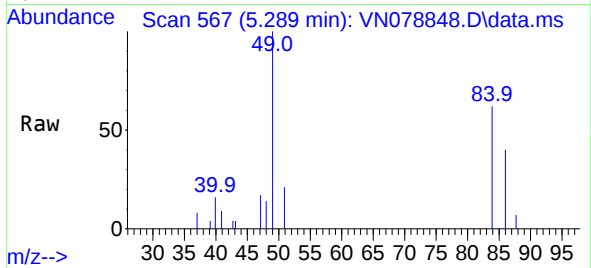




#20
Methylene Chloride
Concen: 3.698 ug/l
RT: 5.289 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

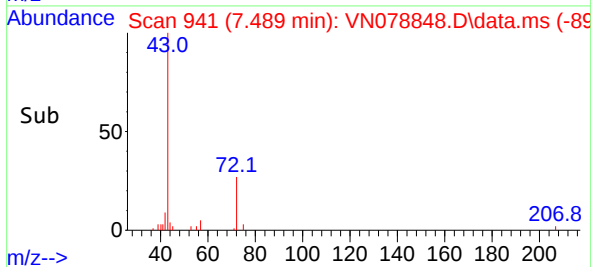
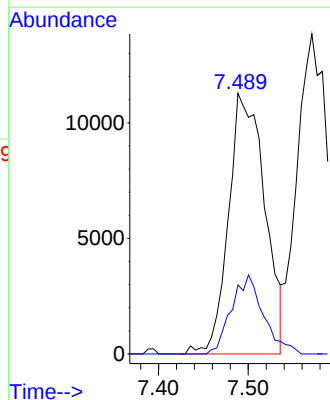
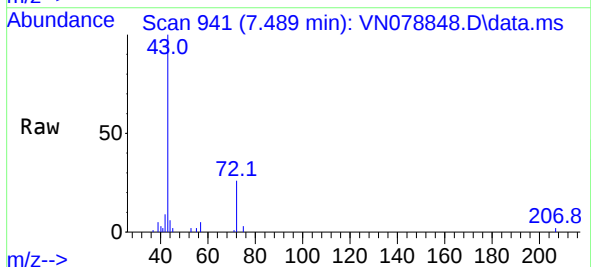
Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH

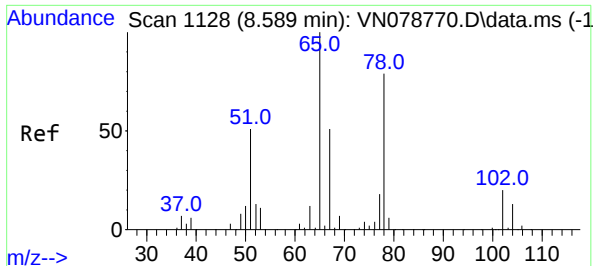
Tgt Ion:	84	Resp:	9104
Ion	Ratio	Lower	Upper
84	100		
49	162.1	79.7	119.5#
51	33.3	25.2	37.8
86	65.4	53.3	79.9



#25
2-Butanone
Concen: 18.807 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

Tgt Ion:	43	Resp:	31655
Ion	Ratio	Lower	Upper
43	100		
72	26.5	30.2	45.2#

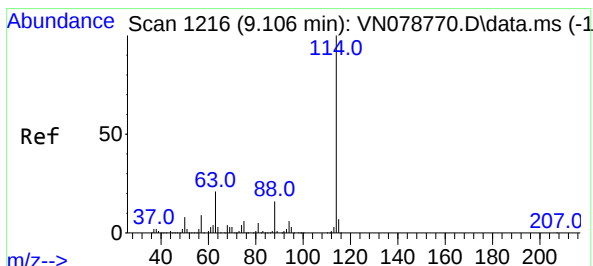
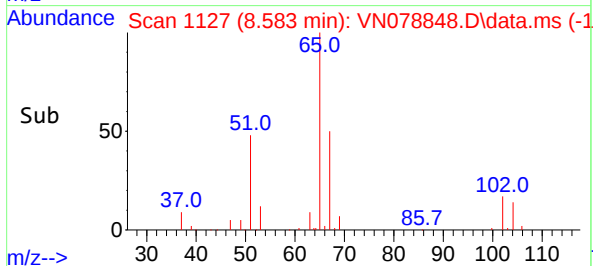
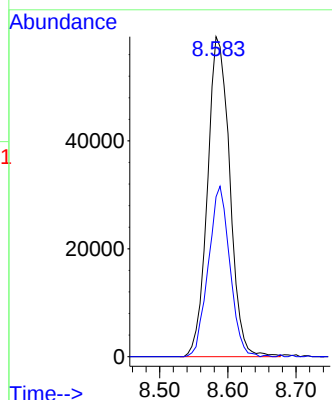
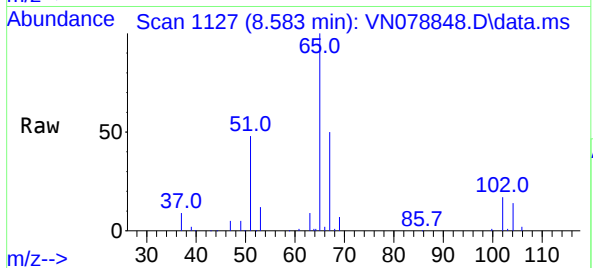




#33
 1,2-Dichloroethane-d4
 Concen: 52.269 ug/l
 RT: 8.583 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VN078848.D
 Acq: 10 Aug 2023 19:34

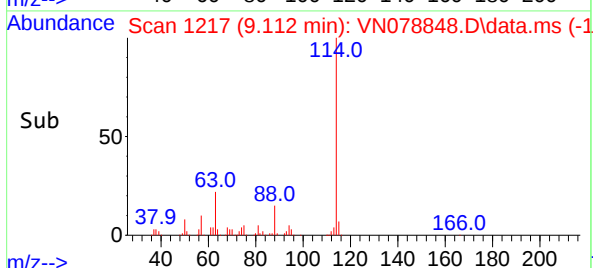
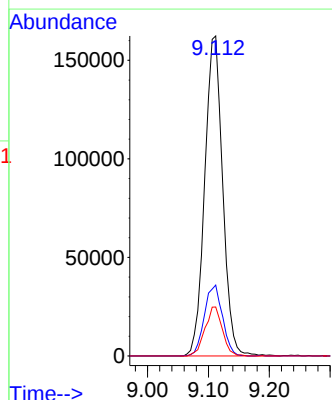
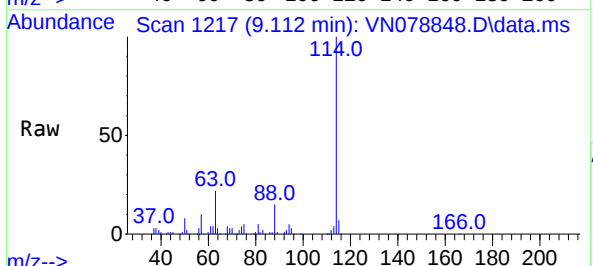
Instrument :
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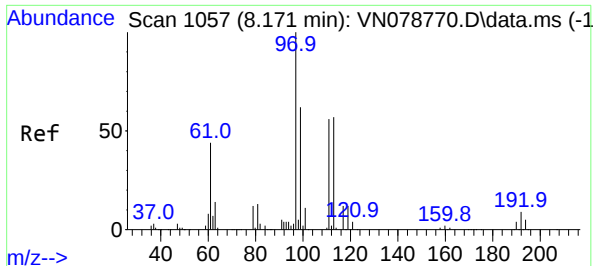
Tgt Ion: 65 Resp: 135028
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN078848.D
 Acq: 10 Aug 2023 19:34

Tgt Ion: 114 Resp: 333080
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 36.4
 88 15.3 0.0 30.6

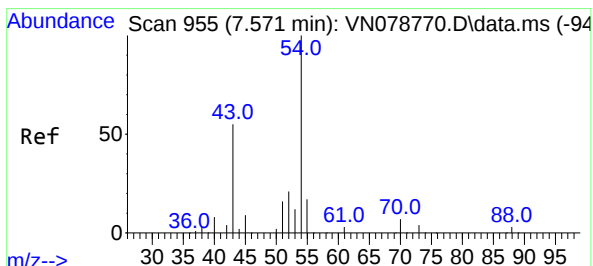
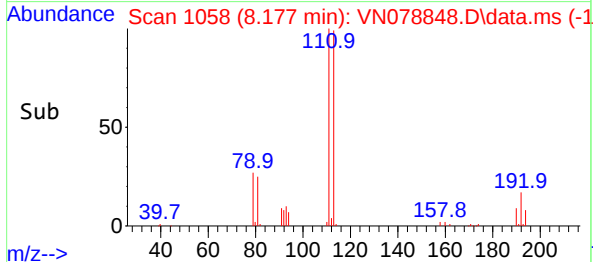
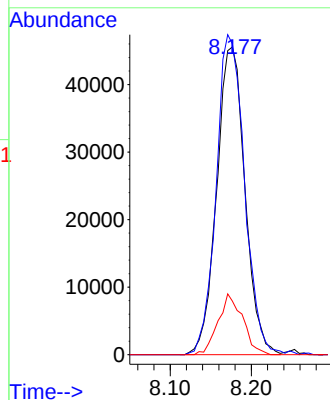
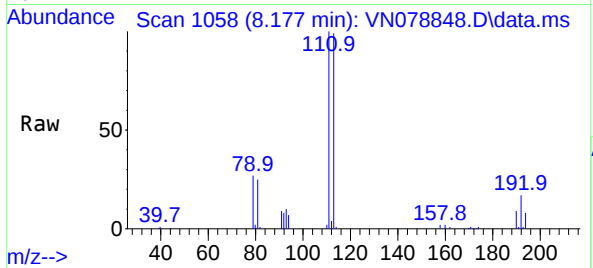




#35
Dibromofluoromethane
Concen: 49.008 ug/l
RT: 8.177 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

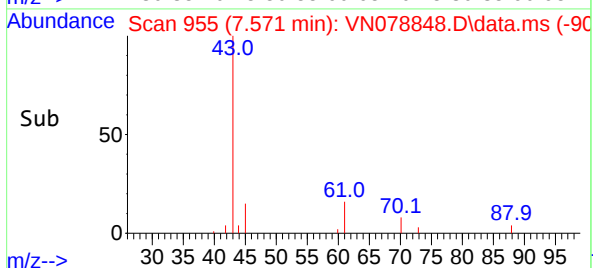
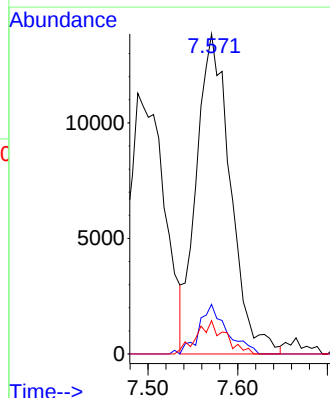
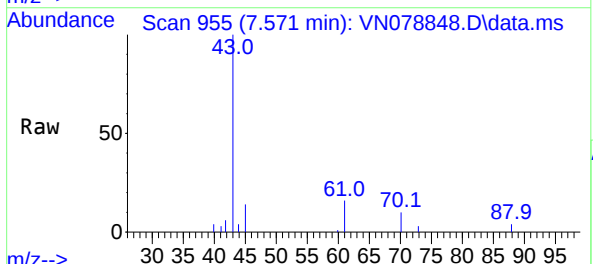
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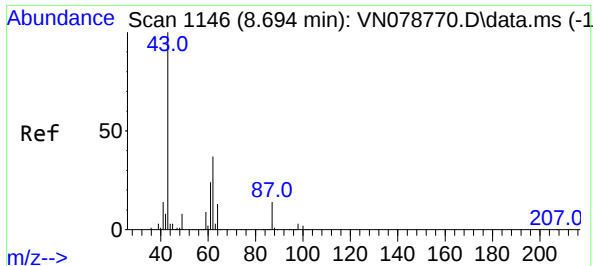
Tgt Ion:113 Resp: 110234
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 17.2 12.7 19.1



#37
Ethyl Acetate
Concen: 9.814 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

Tgt Ion: 43 Resp: 36411
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 8.7 11.3 16.9#





#43

Isopropyl Acetate

Concen: 38.768 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078848.D

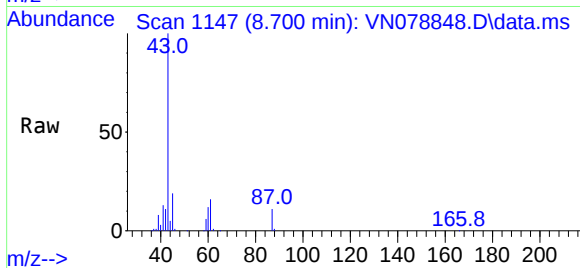
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Instrument :

MSVOA_N

ClientSampleId :

FLY-ASH



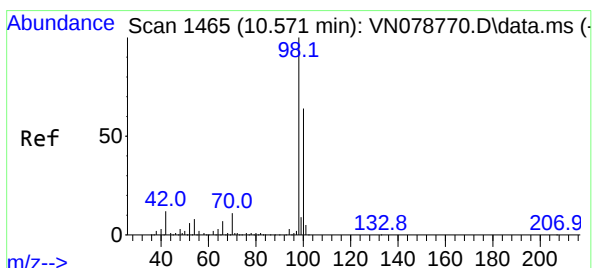
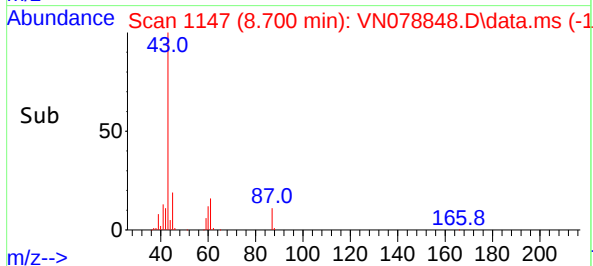
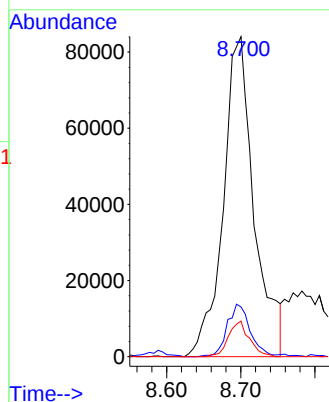
Tgt Ion: 43 Resp: 242509

Ion Ratio Lower Upper

43 100

61 12.3 24.7 37.1#

87 7.5 14.6 21.8#



#50

Toluene-d8

Concen: 51.964 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078848.D

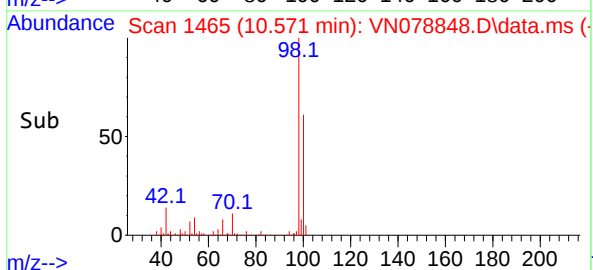
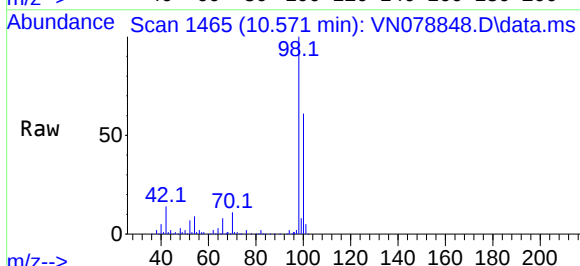
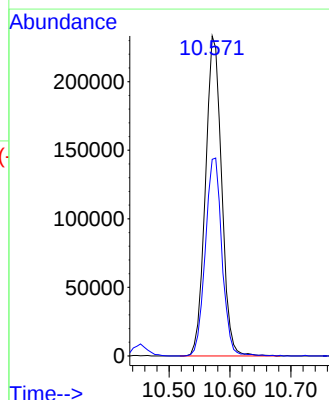
Acq: 10 Aug 2023 19:34

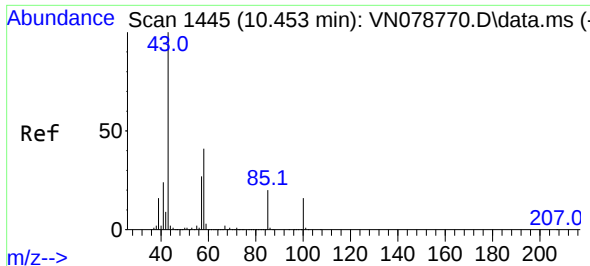
Tgt Ion: 98 Resp: 430133

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

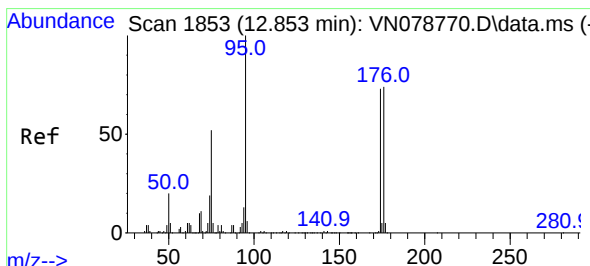
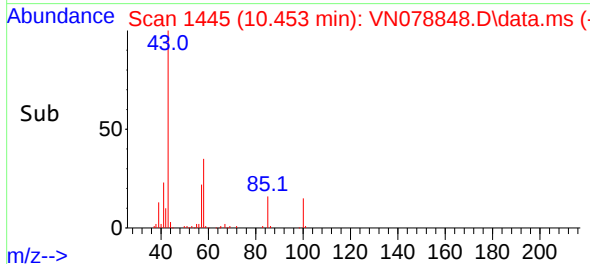
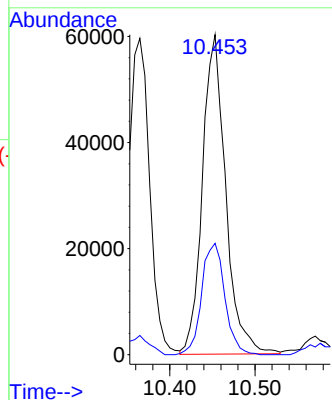
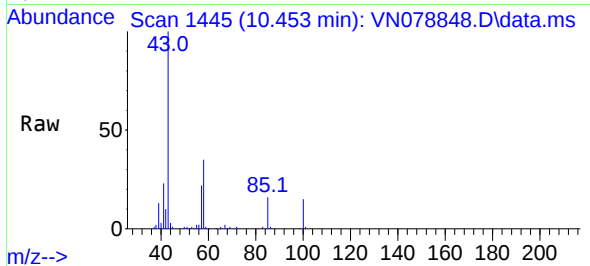




#51
4-Methyl-2-Pentanone
Concen: 29.895 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

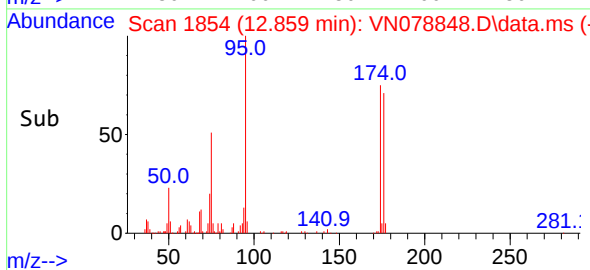
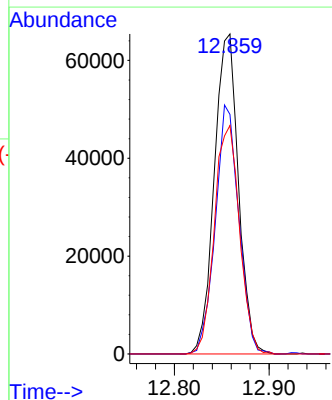
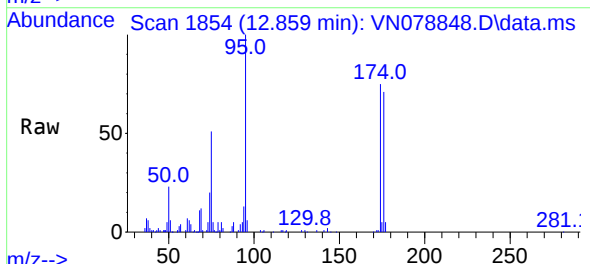
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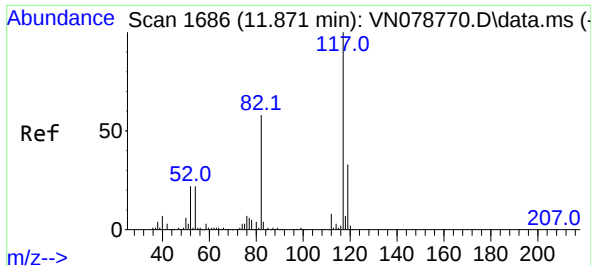
Tgt Ion: 43 Resp: 114547
Ion Ratio Lower Upper
43 100
58 34.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

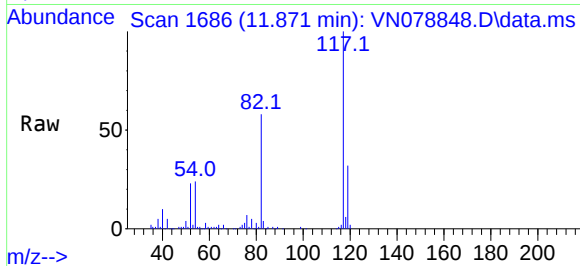
Tgt Ion: 95 Resp: 115925
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 74.3 0.0 135.8



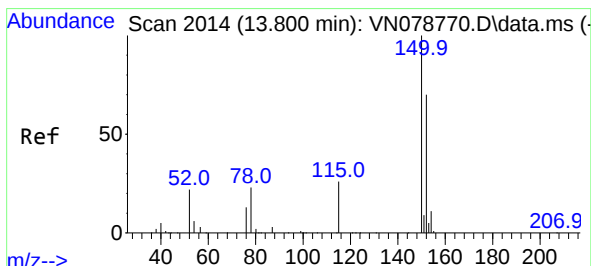
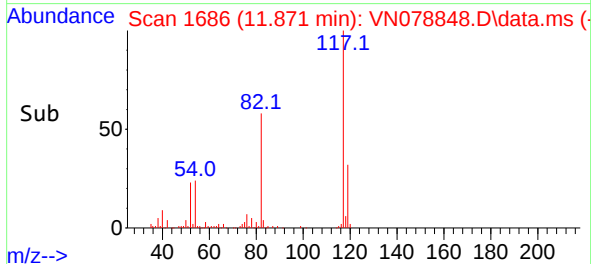
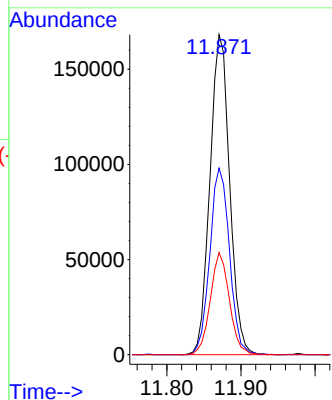


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

Instrument :
MSVOA_N
ClientSampleId :
FLY-ASH



Tgt Ion:117 Resp: 310134
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078848.D
Acq: 10 Aug 2023 19:34

Tgt Ion:152 Resp: 86863
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 157.7 0.0 355.8

