

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079274.D
 Acq On : 15 Sep 2023 16:06
 Operator : JC\MD
 Sample : PB155573ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#05

Quant Time: Sep 16 01:44:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

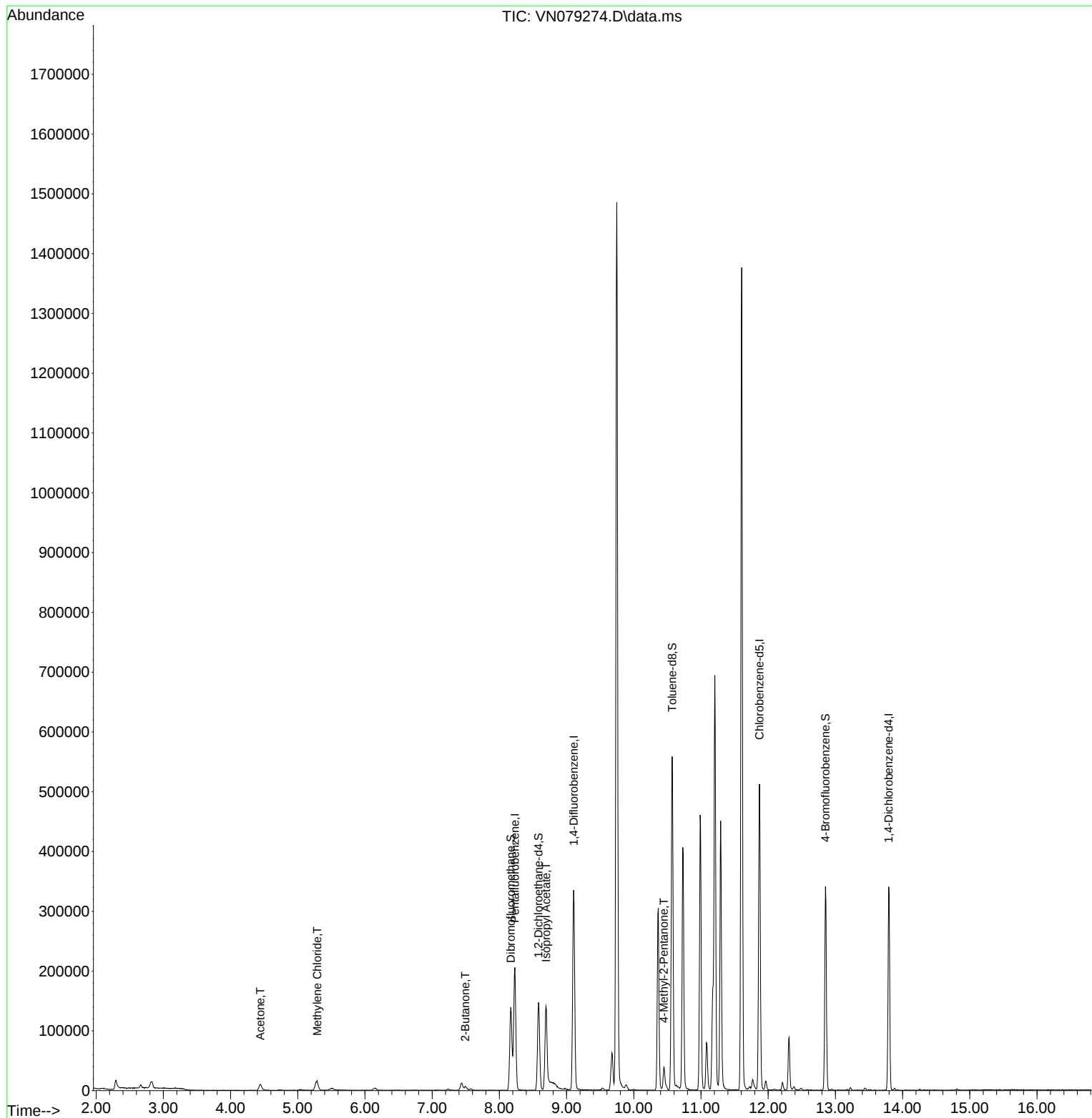
Internal Standards						
1) Pentafluorobenzene	8.229	168	144829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	289337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119598	61.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.340%	
35) Dibromofluoromethane	8.171	113	99148	51.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.920%	
50) Toluene-d8	10.571	98	382314	54.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.853	95	115056	50.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	20281	24.425	ug/l	95
20) Methylene Chloride	5.289	84	12020	5.949	ug/l #	86
25) 2-Butanone	7.494	43	11296	9.376	ug/l #	87
43) Isopropyl Acetate	8.694	43	167384	34.632	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	31366	11.180	ug/l #	83

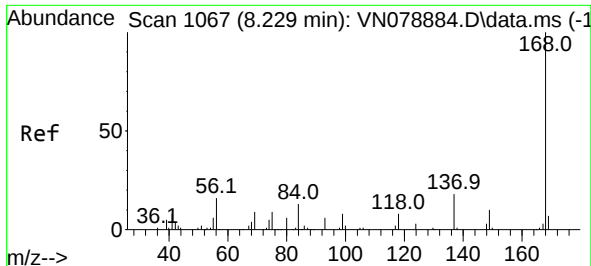
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

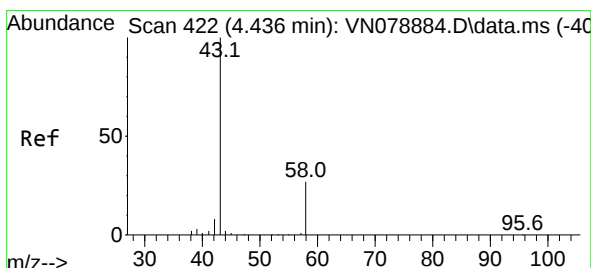
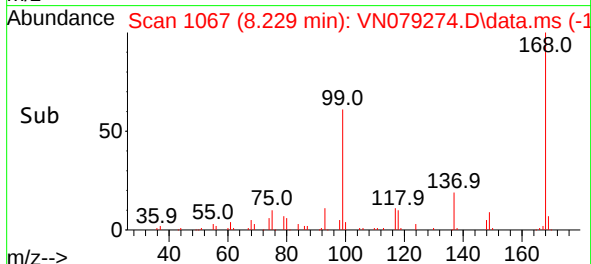
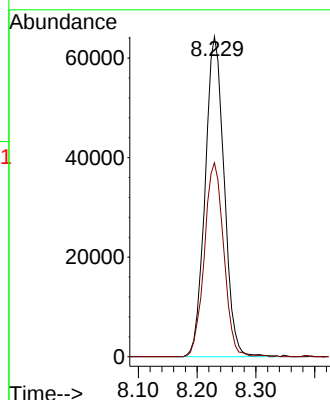
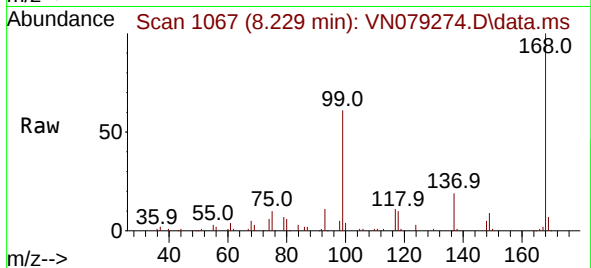




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

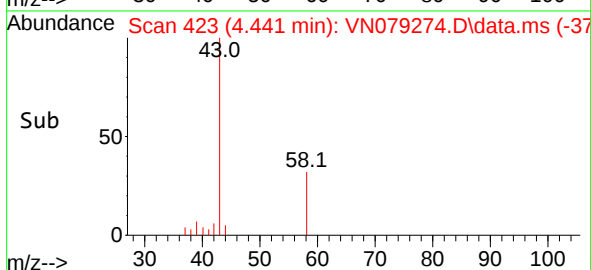
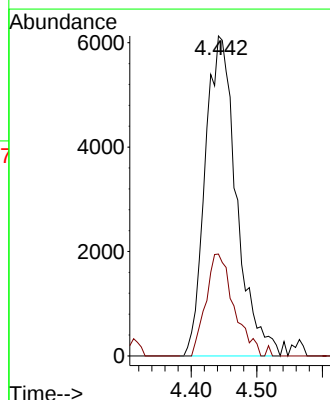
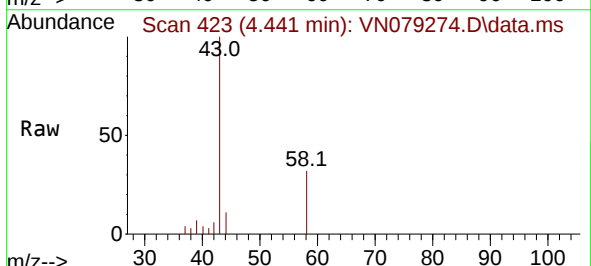
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#05

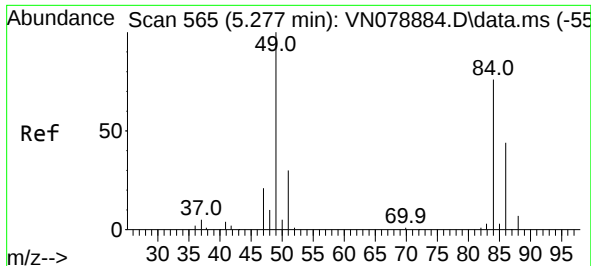
Tgt Ion:168 Resp: 144829
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 24.425 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

Tgt Ion: 43 Resp: 20281
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

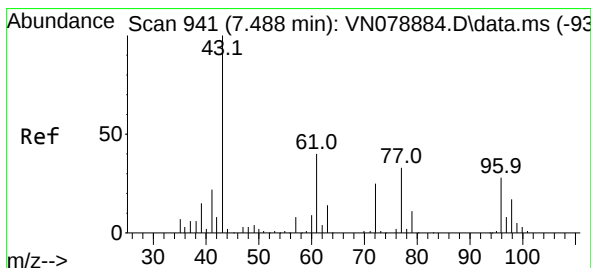
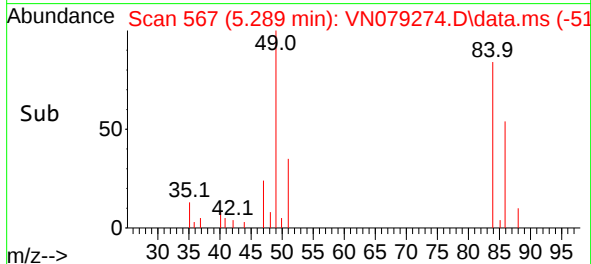
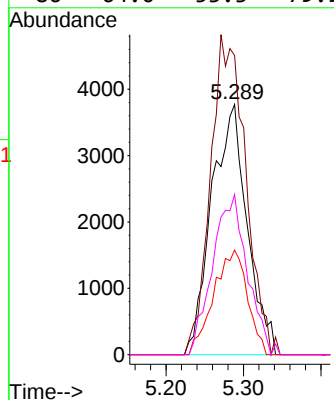
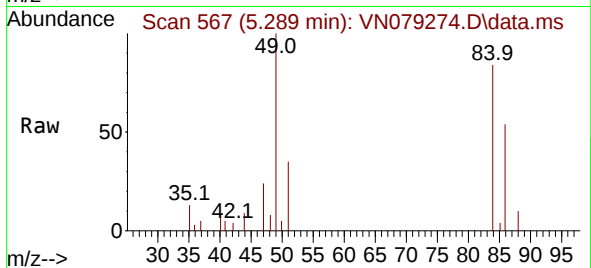




#20
Methylene Chloride
Concen: 5.949 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

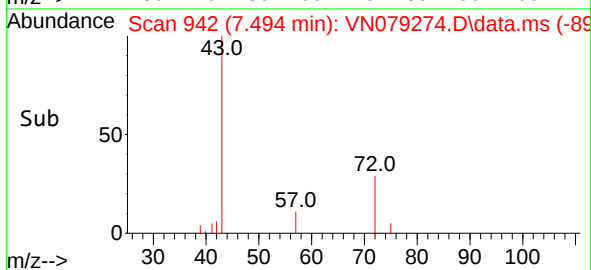
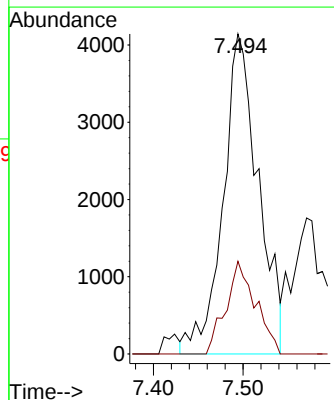
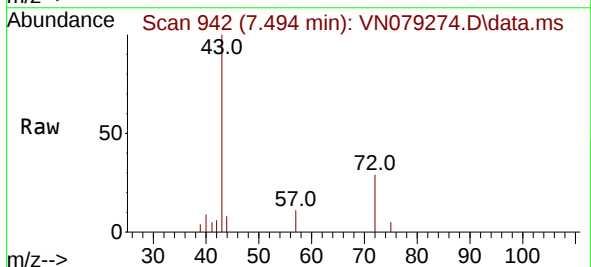
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#05

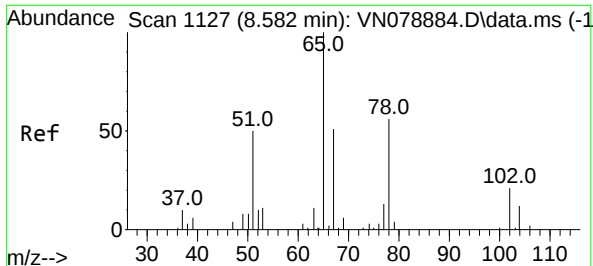
Tgt Ion:	84	Resp:	12020
Ion	Ratio	Lower	Upper
84	100		
49	119.6	79.7	119.5#
51	41.8	25.2	37.8#
86	64.0	53.3	79.9



#25
2-Butanone
Concen: 9.376 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

Tgt Ion:	43	Resp:	11296
Ion	Ratio	Lower	Upper
43	100		
72	30.1	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 61.174 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079274.D

Acq: 15 Sep 2023 16:06

Instrument :

MSVOA_N

ClientSampleId :

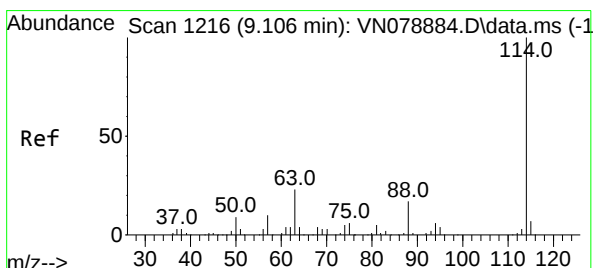
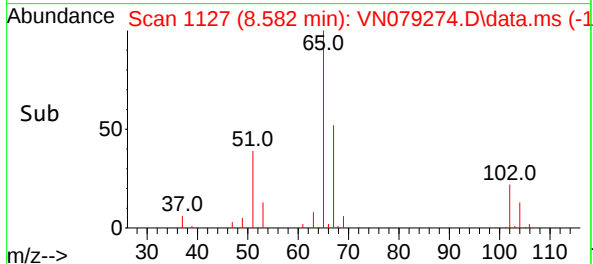
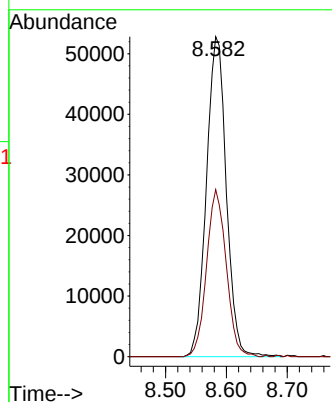
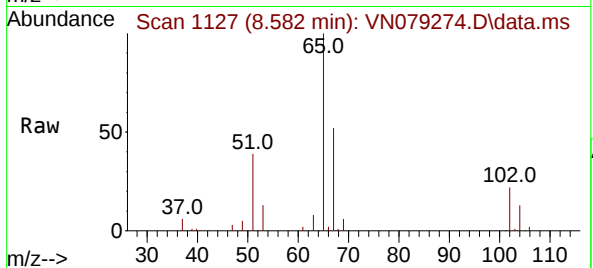
PB155573ZHE#05

Tgt Ion: 65 Resp: 119598

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# 1216

Delta R.T. -0.006 min

Lab File: VN079274.D

Acq: 15 Sep 2023 16:06

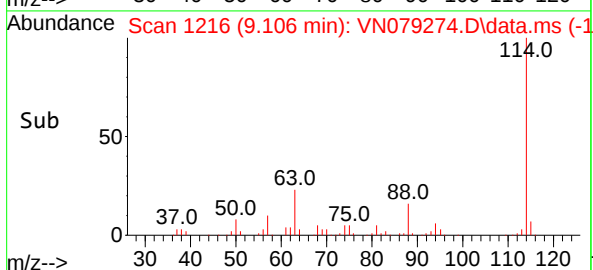
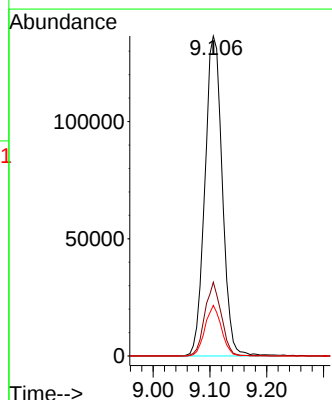
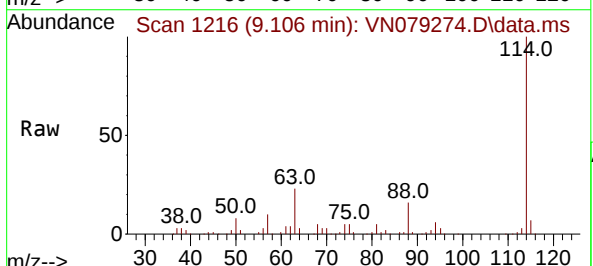
Tgt Ion: 114 Resp: 289644

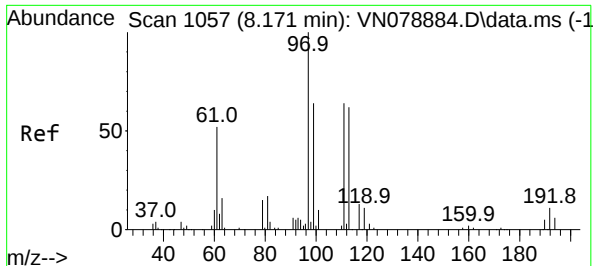
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 15.8 0.0 30.6

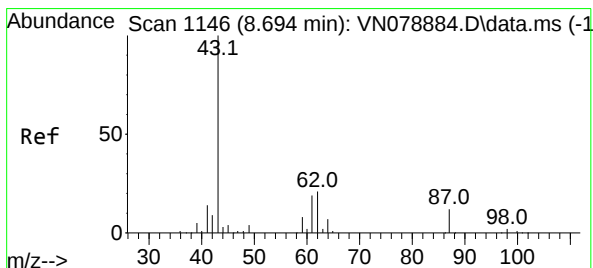
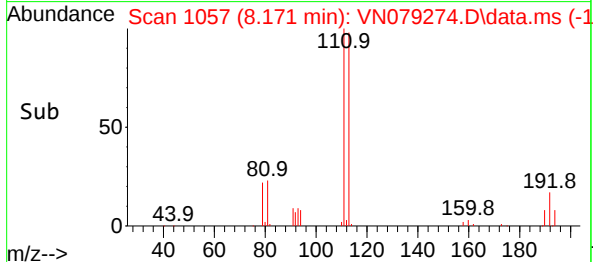
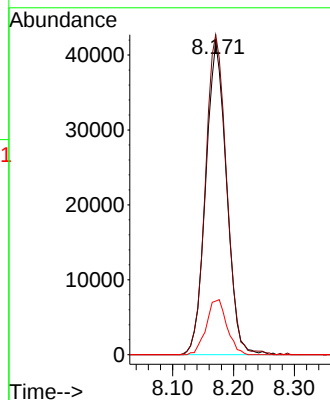
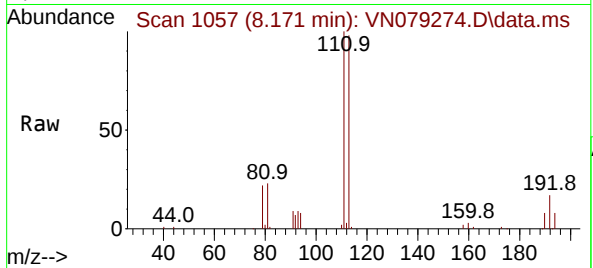




#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

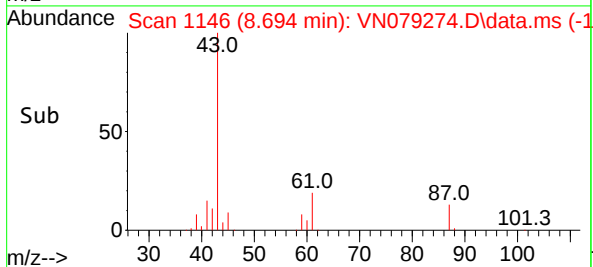
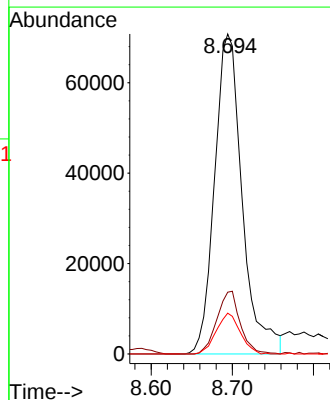
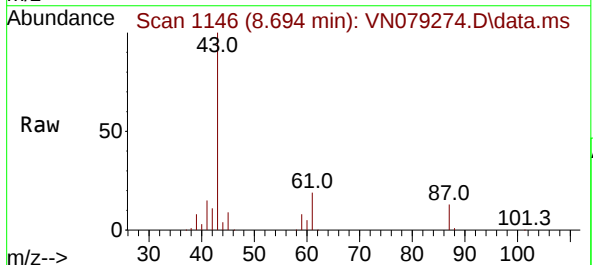
Instrument :
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PB155573ZHE#05

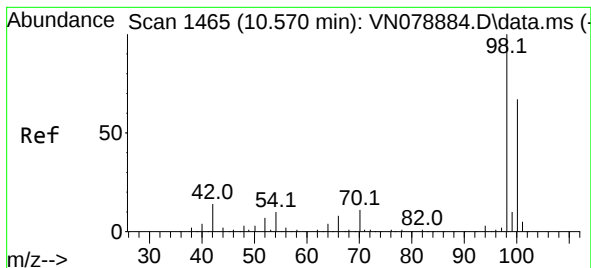
Tgt Ion:113 Resp: 99148
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 17.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 34.632 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

Tgt Ion: 43 Resp: 167384
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.0 14.6 21.8#

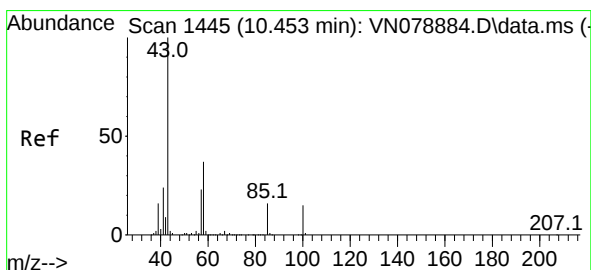
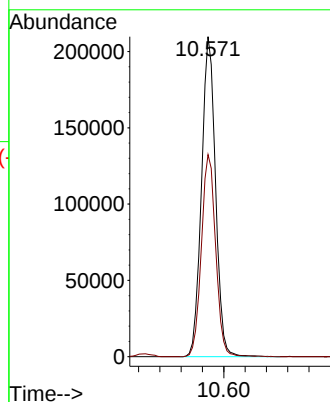
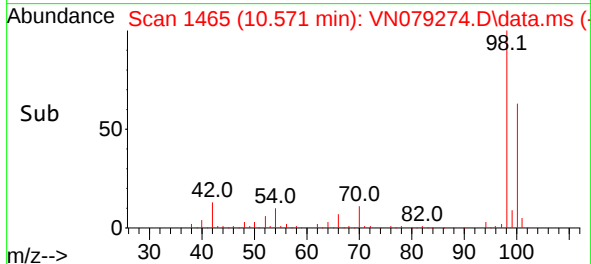
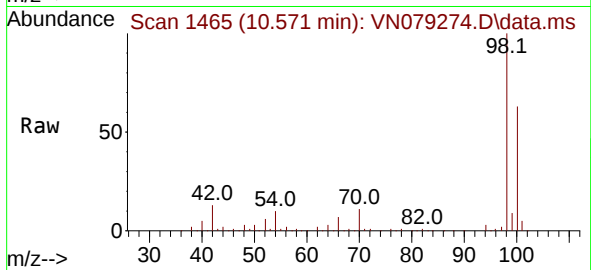




#50
Toluene-d8
Concen: 54.042 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

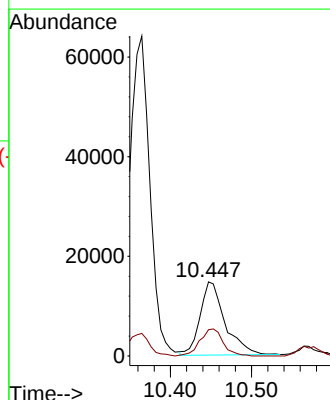
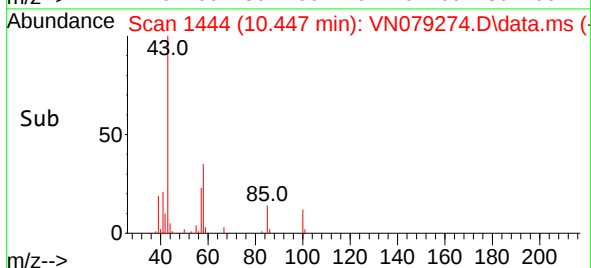
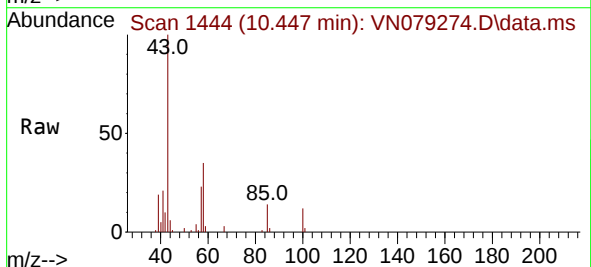
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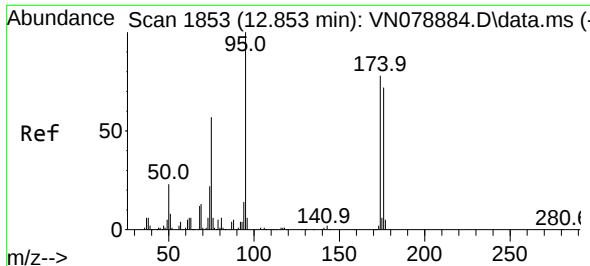
Tgt Ion: 98 Resp: 382314
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 11.180 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

Tgt Ion: 43 Resp: 31366
Ion Ratio Lower Upper
43 100
58 34.3 36.6 54.8#

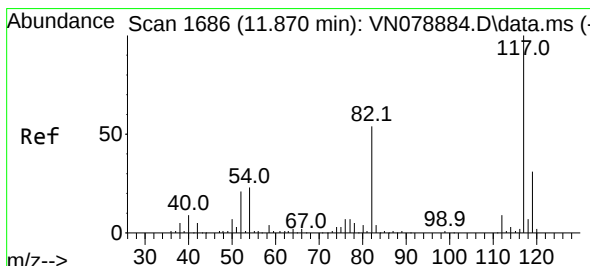
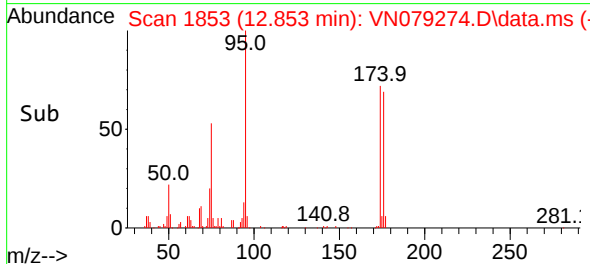
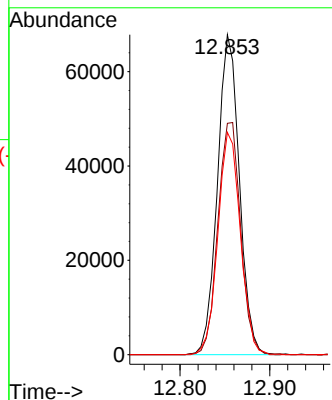
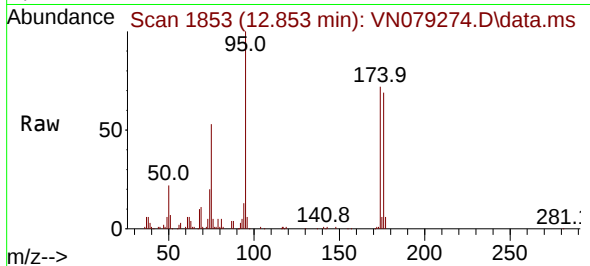




#62
4-Bromofluorobenzene
Concen: 50.987 ug/l
RT: 12.853 min Scan# 115056
Delta R.T. -0.000 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

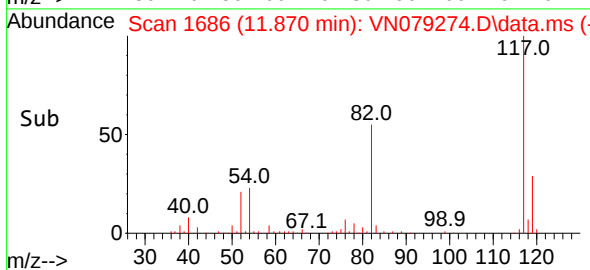
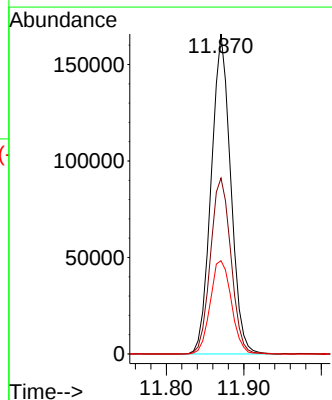
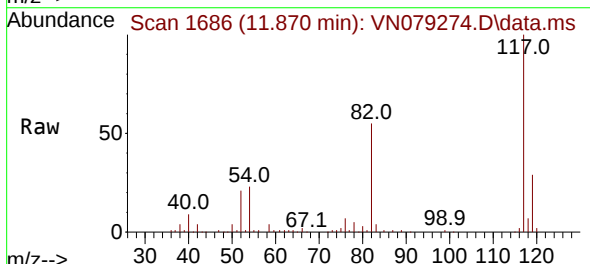
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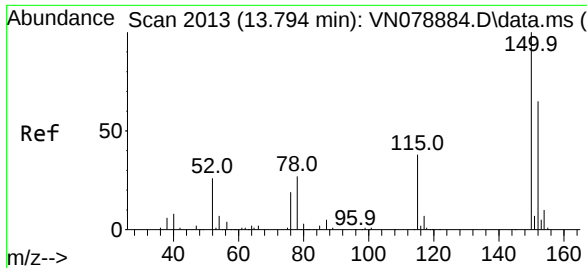
Tgt Ion: 95 Resp: 115056
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079274.D
Acq: 15 Sep 2023 16:06

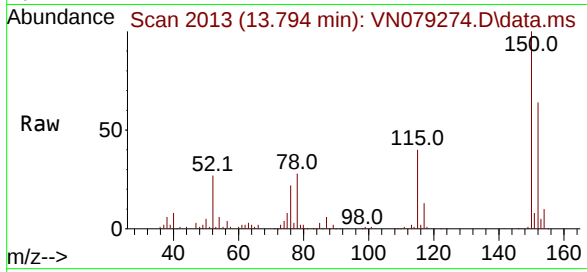
Tgt Ion: 117 Resp: 289337
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 29.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079274.D
 Acq: 15 Sep 2023 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#05



Tgt Ion:152 Resp: 87580
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 157.2 0.0 355.8

