

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081447.D
 Acq On : 16 Mar 2024 00:04
 Operator : JC\MD
 Sample : P1775-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 027-OUTFALL

Quant Time: Mar 16 01:34:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

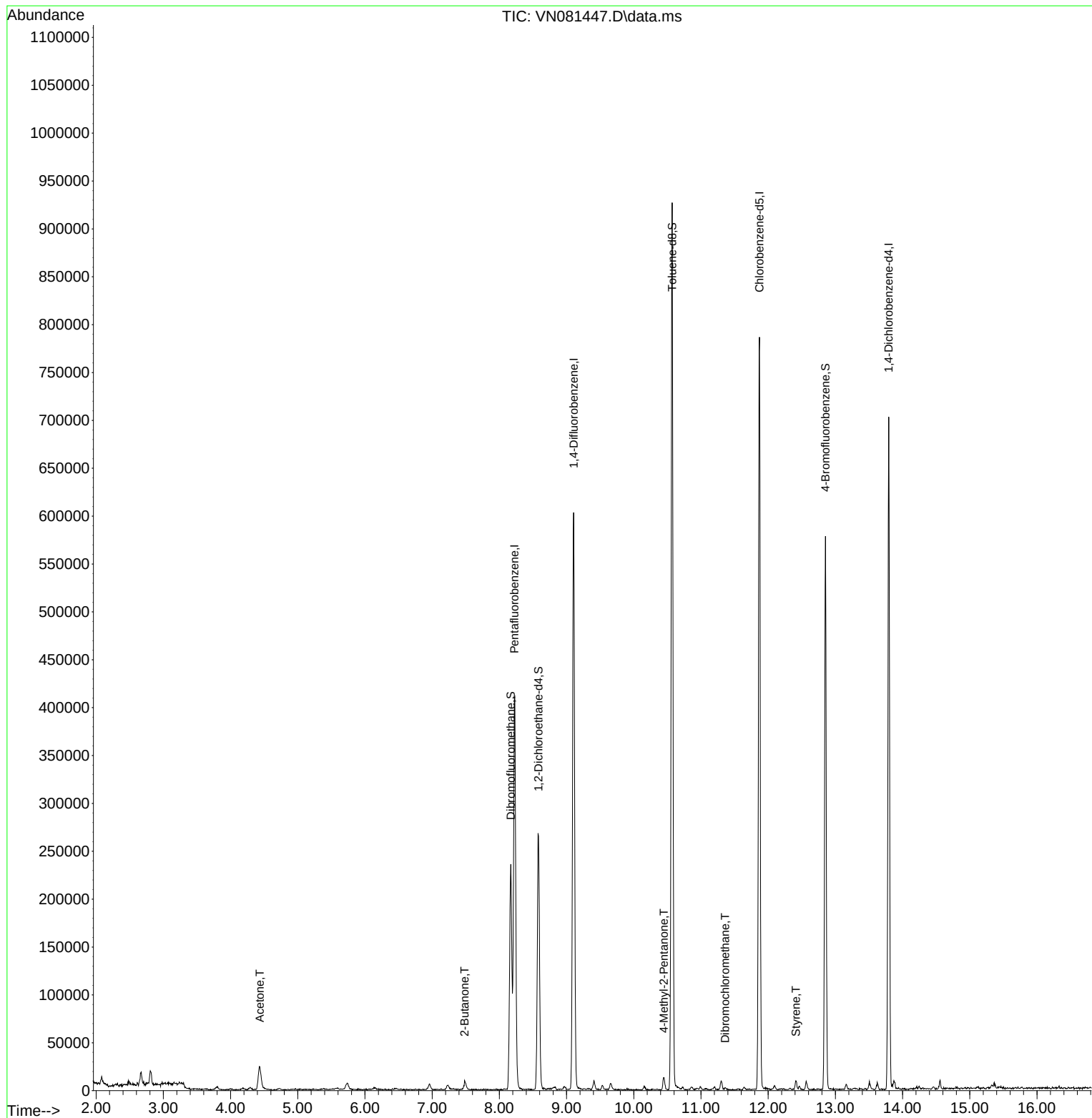
Internal Standards						
1) Pentafluorobenzene	8.224	168	271205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	509426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	435880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220563	56.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.500%
35) Dibromofluoromethane	8.171	113	163212	52.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.571	98	618286	52.993	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.853	95	187581	45.489	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.980%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	47965	34.523	ug/l	99
25) 2-Butanone	7.483	43	12609	5.419	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	9446	1.888	ug/l	98
60) Dibromochloromethane	11.359	129	1201	0.324	ug/l	98
70) Styrene	12.412	104	4951	0.518	ug/l #	82

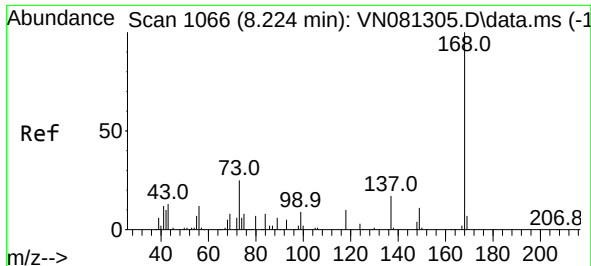
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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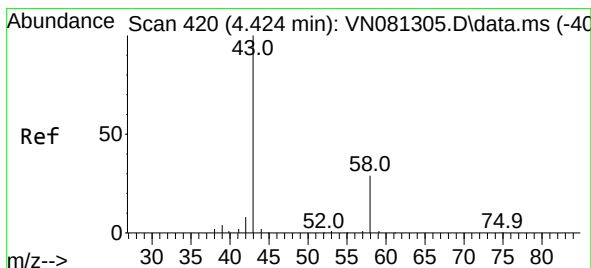
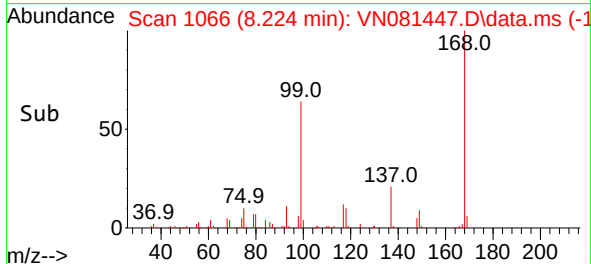
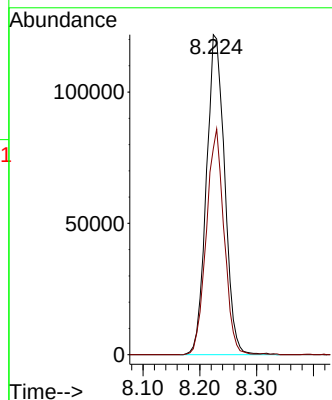
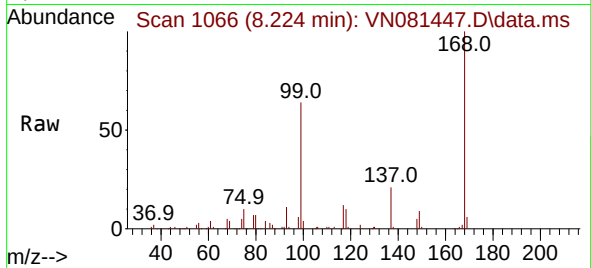




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

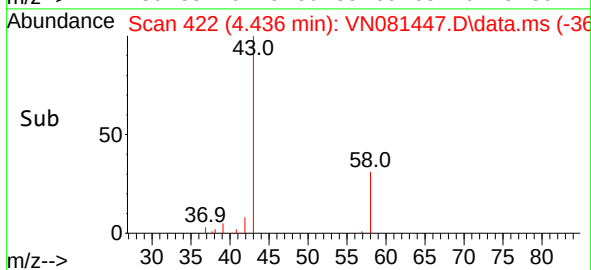
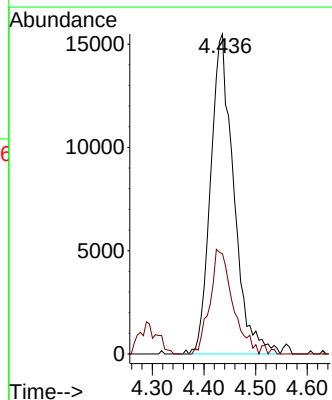
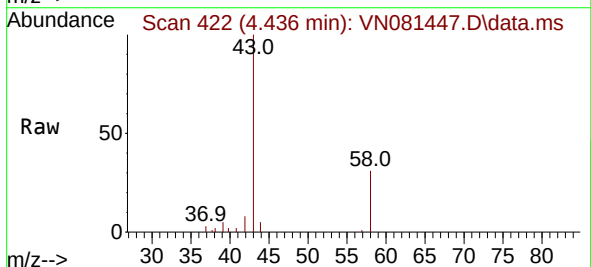
Instrument :
MSVOA_N
ClientSampleId :
027-OUTFALL

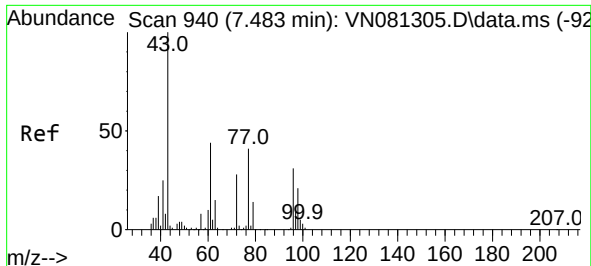
Tgt Ion:168 Resp: 271205
Ion Ratio Lower Upper
168 100
99 64.4 59.9 89.9



#16
Acetone
Concen: 34.523 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

Tgt Ion: 43 Resp: 47965
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

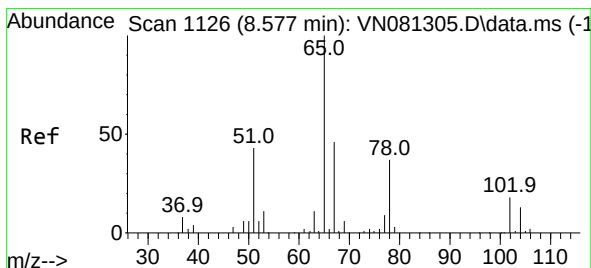
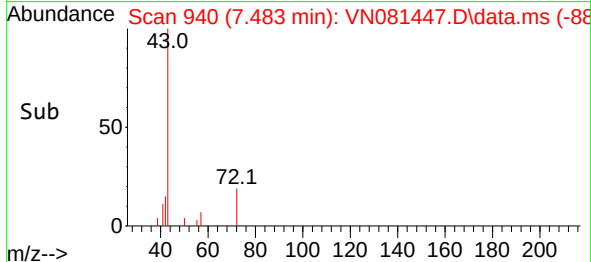
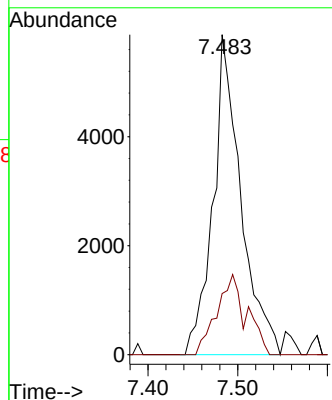
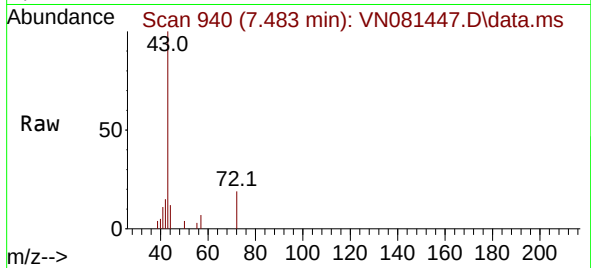




#25
2-Butanone
Concen: 5.419 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

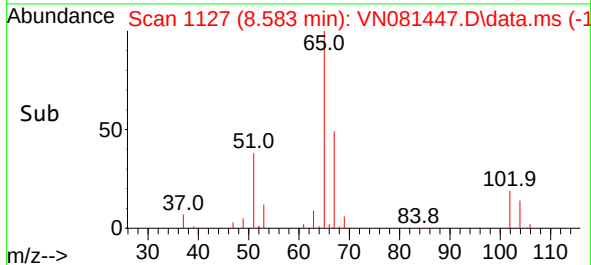
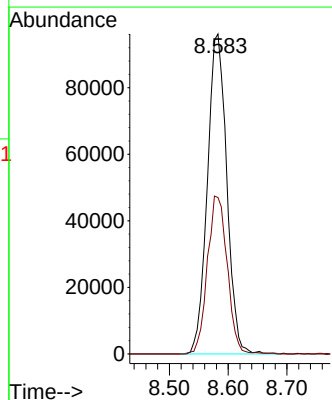
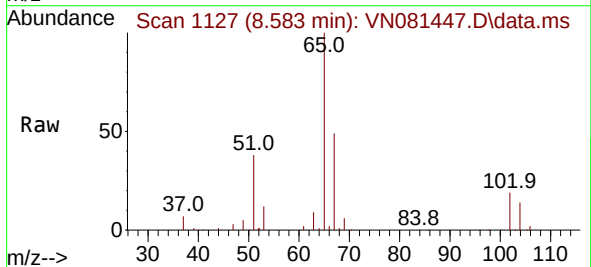
Instrument :
MSVOA_N
ClientSampleId :
027-OUTFALL

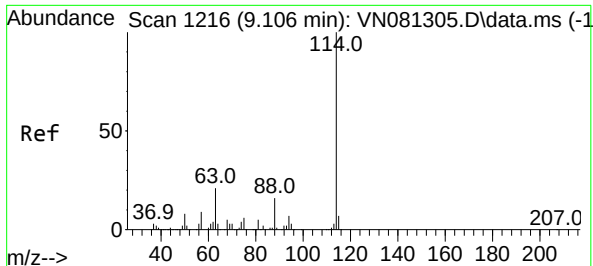
Tgt Ion: 43 Resp: 12609
Ion Ratio Lower Upper
43 100
72 19.1 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 56.247 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

Tgt Ion: 65 Resp: 220563
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

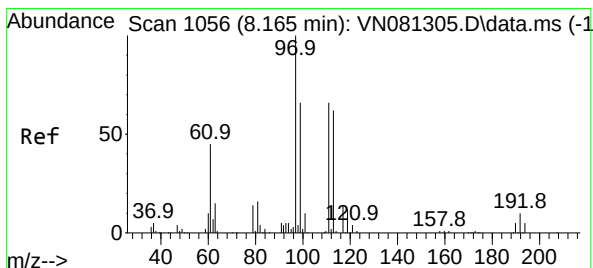
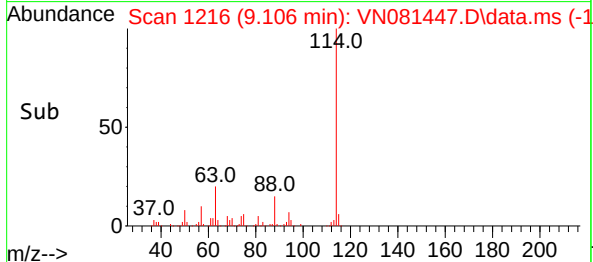
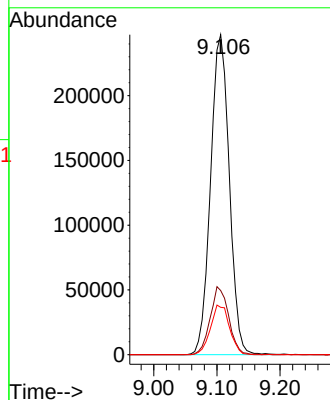
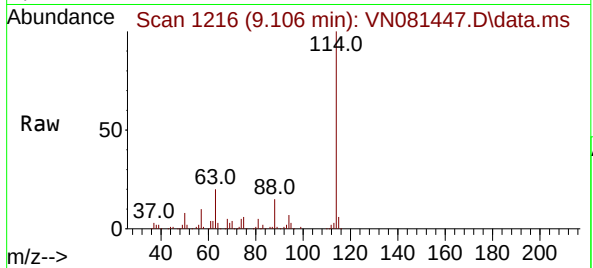




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

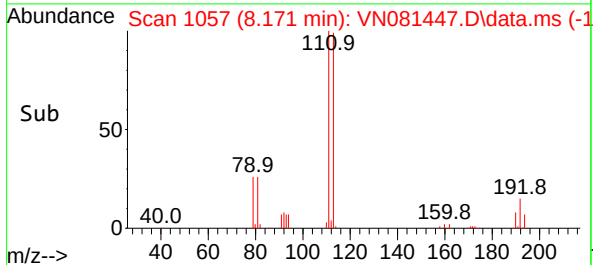
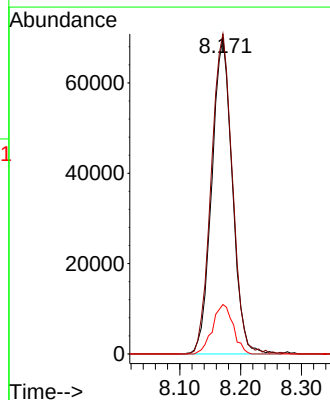
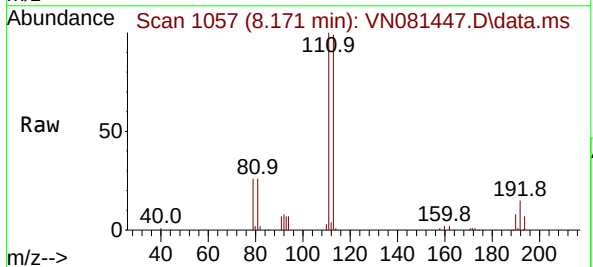
Instrument :
MSVOA_N
ClientSampleId :
027-OUTFALL

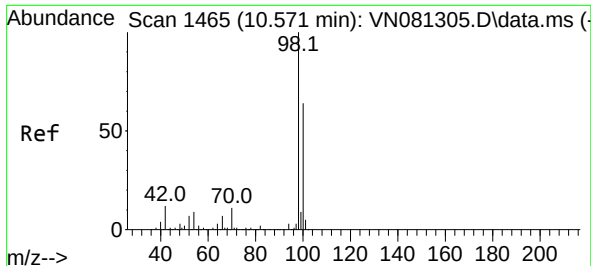
Tgt Ion:114 Resp: 509426
Ion Ratio Lower Upper
114 100
63 20.0 0.0 48.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

Tgt Ion:113 Resp: 163212
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 15.8 12.5 18.7

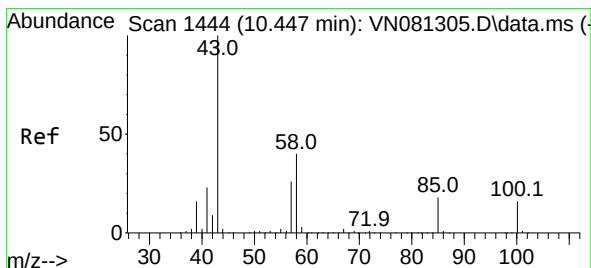
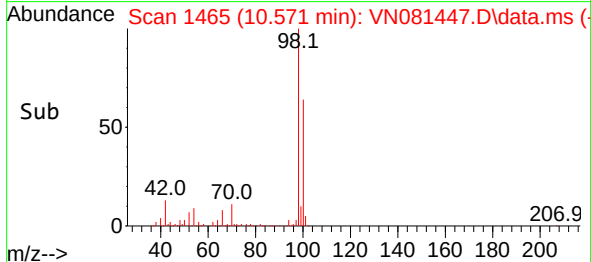
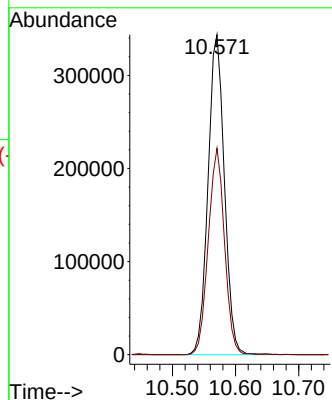
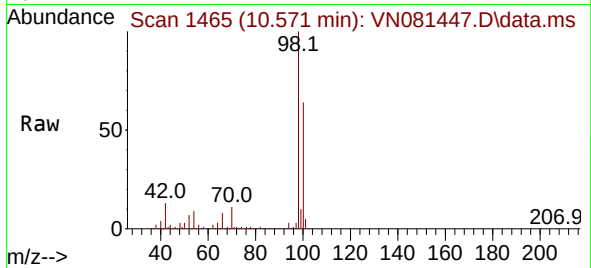




#50
Toluene-d8
Concen: 52.993 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

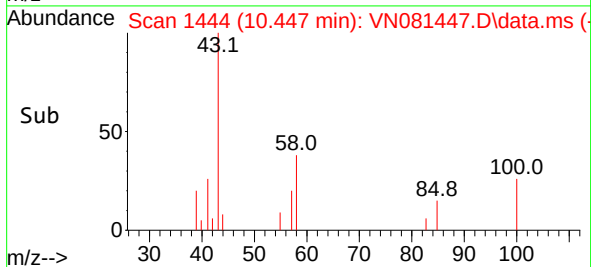
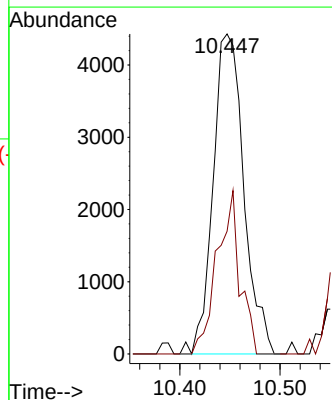
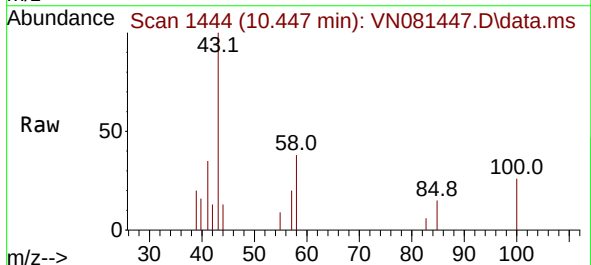
Instrument :
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ClientSampleId :
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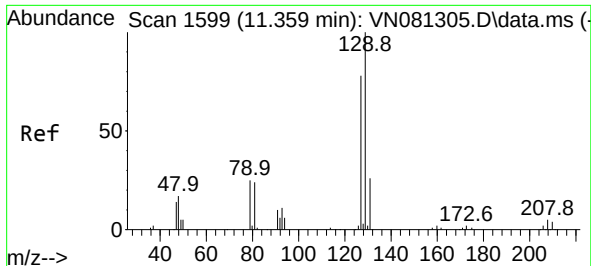
Tgt Ion: 98 Resp: 618286
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.888 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

Tgt Ion: 43 Resp: 9446
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.0

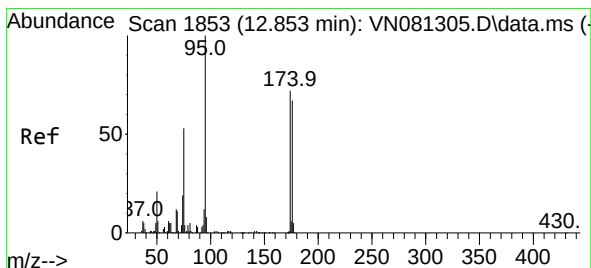
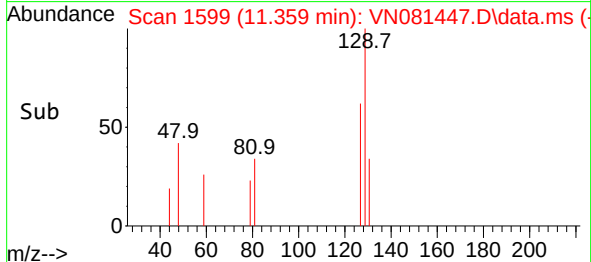
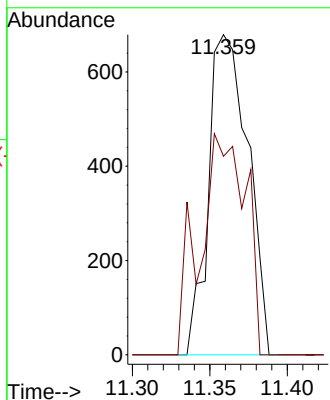
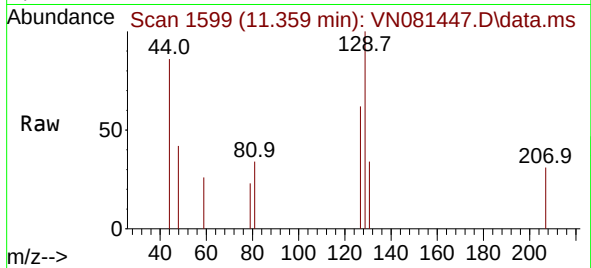




#60
Dibromochloromethane
Concen: 0.324 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

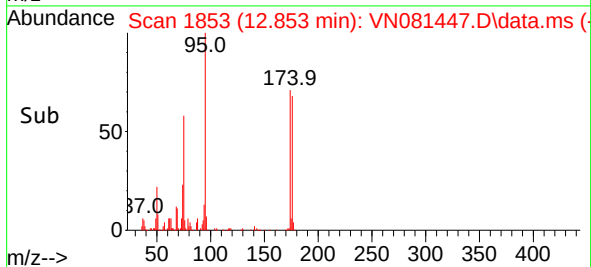
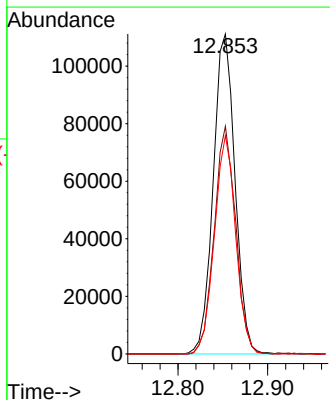
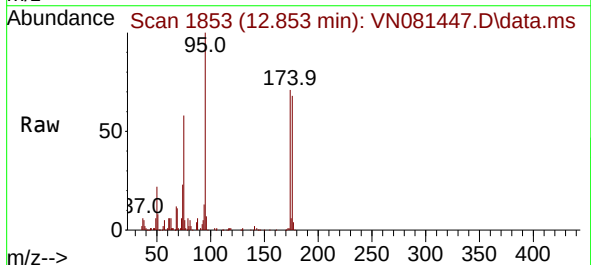
Instrument :
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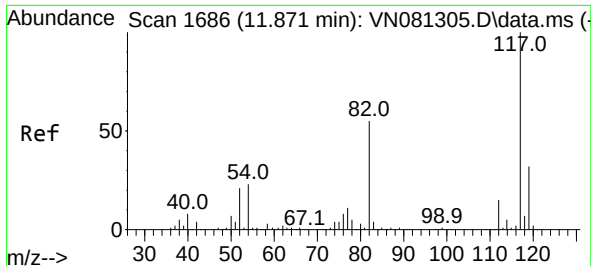
Tgt Ion:129 Resp: 1201
Ion Ratio Lower Upper
129 100
127 80.3 39.4 118.2



#62
4-Bromofluorobenzene
Concen: 45.489 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

Tgt Ion: 95 Resp: 187581
Ion Ratio Lower Upper
95 100
174 70.0 0.0 120.4
176 66.7 0.0 121.0

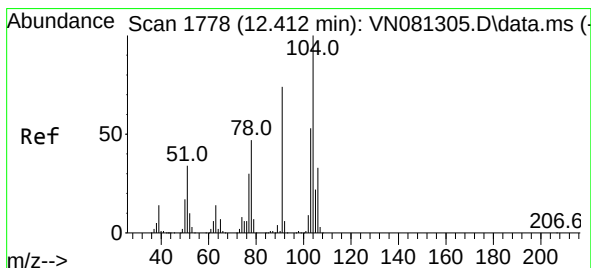
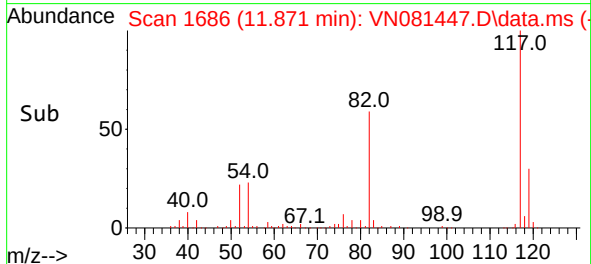
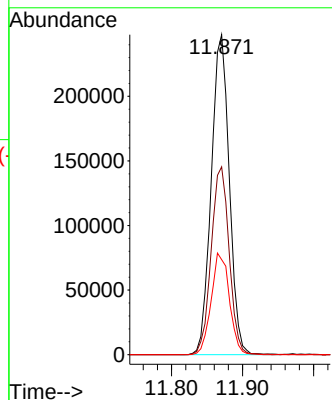
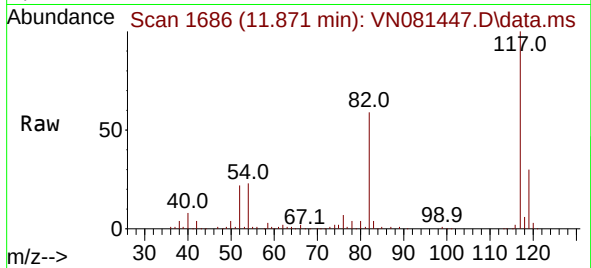




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

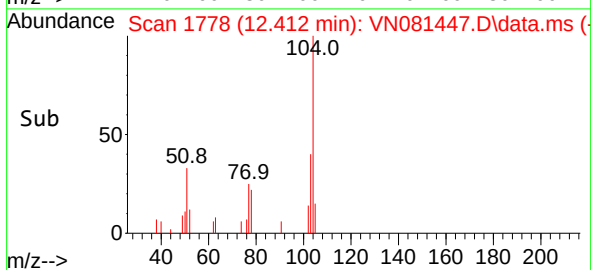
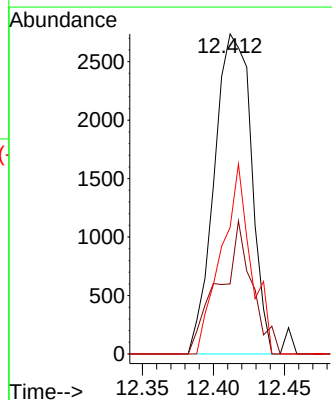
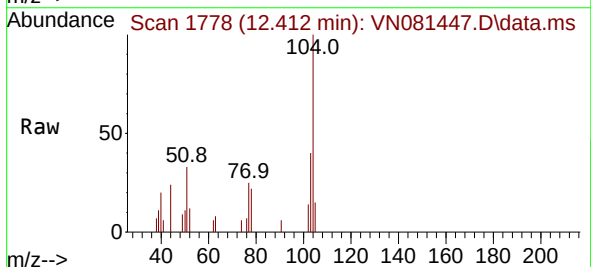
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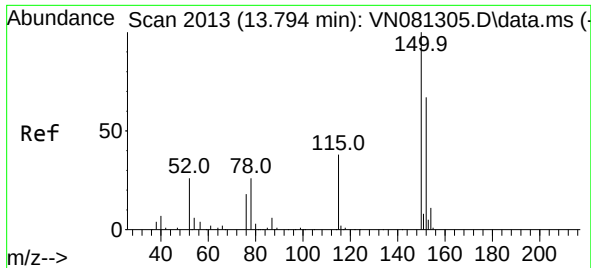
Tgt Ion:117 Resp: 435880
Ion Ratio Lower Upper
117 100
82 58.7 52.7 79.1
119 29.7 25.3 37.9



#70
Styrene
Concen: 0.518 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081447.D
Acq: 16 Mar 2024 00:04

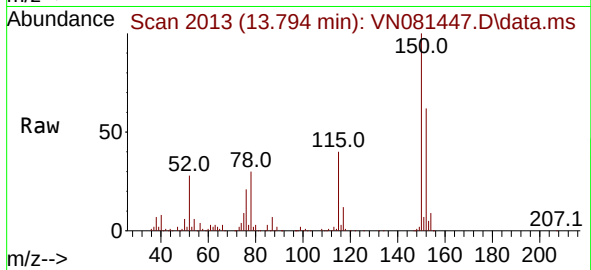
Tgt Ion:104 Resp: 4951
Ion Ratio Lower Upper
104 100
78 37.1 43.8 65.8#
103 47.4 44.2 66.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081447.D
 Acq: 16 Mar 2024 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 166735
 Ion Ratio Lower Upper
 152 100
 115 65.9 32.3 96.8
 150 162.3 0.0 339.8

