

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079415.D
 Acq On : 04 Oct 2023 20:00
 Operator : JC\MD
 Sample : 04714-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Oct 05 02:27:01 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)

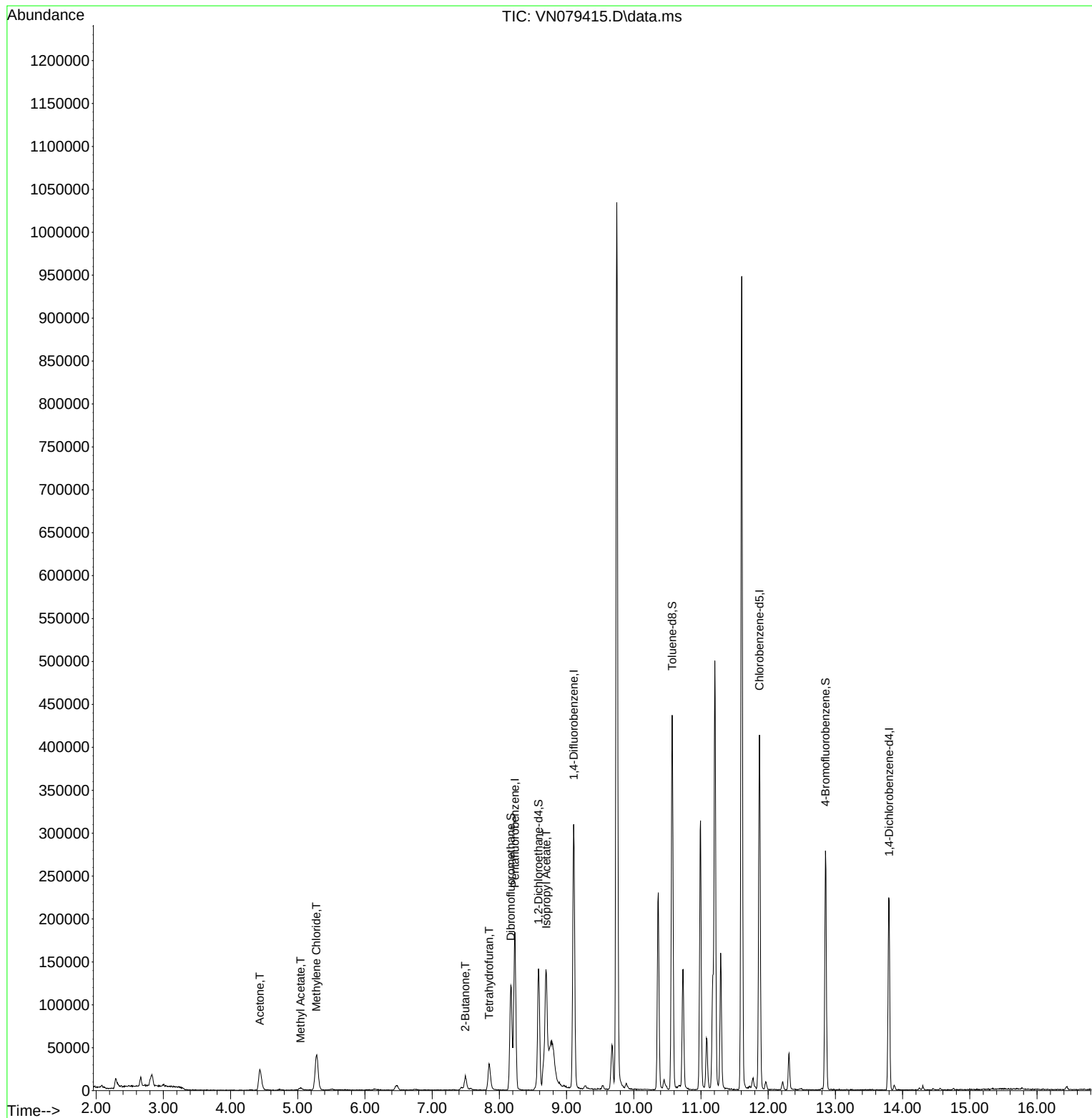
Internal Standards						
1) Pentafluorobenzene	8.230	168	127512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	231300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	58889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113262	65.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 131.600%#	
35) Dibromofluoromethane	8.171	113	88774	52.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.571	98	292418	47.220	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.440%	
62) 4-Bromofluorobenzene	12.853	95	89732	45.426	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	46663	63.831	ug/l #	87
18) Methyl Acetate	5.042	43	5448	1.813	ug/l #	57
20) Methylene Chloride	5.277	84	32885	18.485	ug/l	88
25) 2-Butanone	7.494	43	24629	23.220	ug/l #	77
29) Tetrahydrofuran	7.847	42	22304	33.043	ug/l #	74
43) Isopropyl Acetate	8.700	43	189056	44.686	ug/l #	71

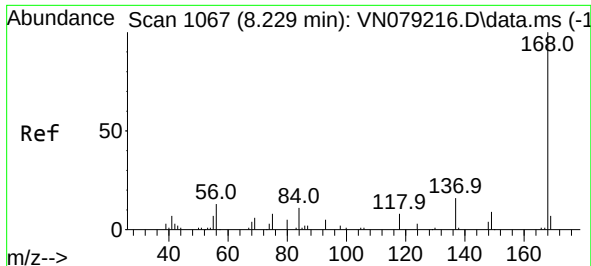
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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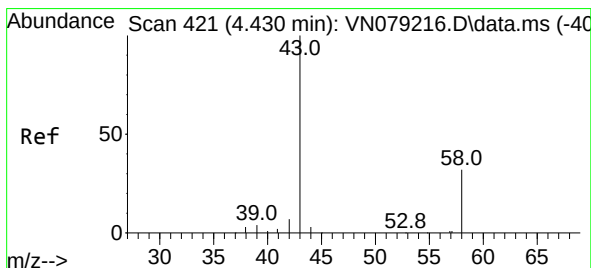
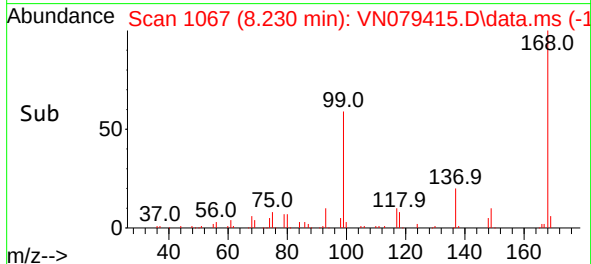
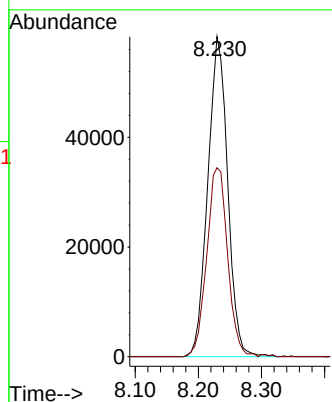
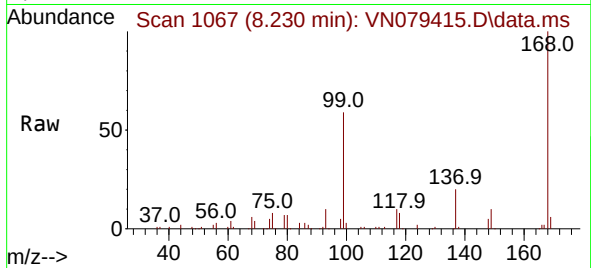




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

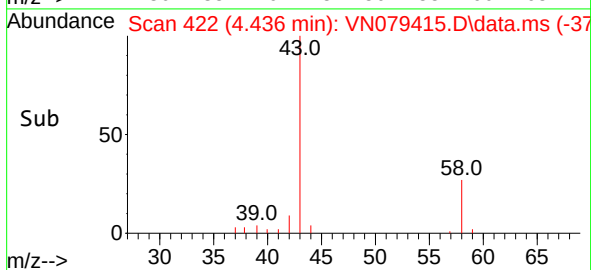
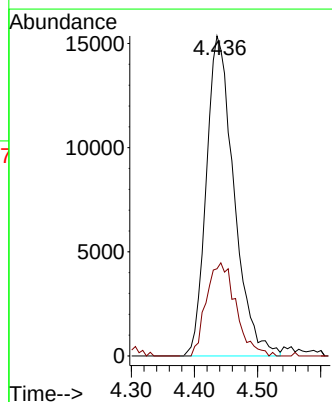
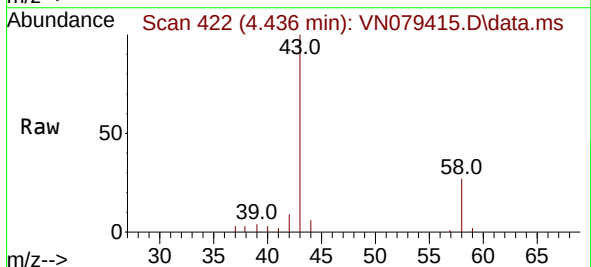
Instrument :
MSVOA_N
ClientSampleId :
TP-4

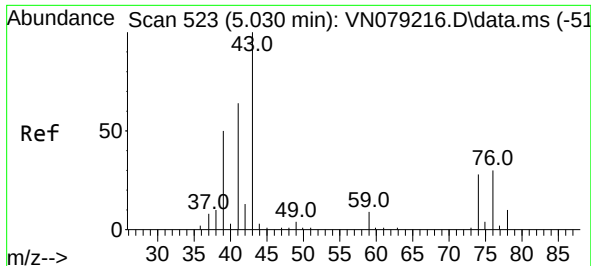
Tgt Ion:168 Resp: 127512
Ion Ratio Lower Upper
168 100
99 59.0 53.0 79.6



#16
Acetone
Concen: 63.831 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Tgt Ion: 43 Resp: 46663
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

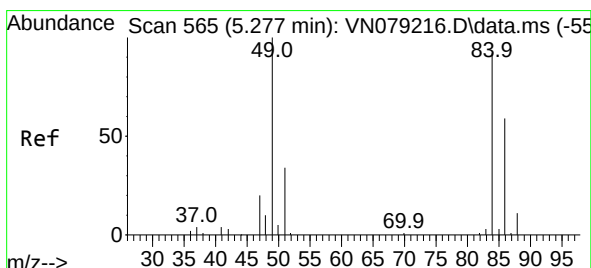
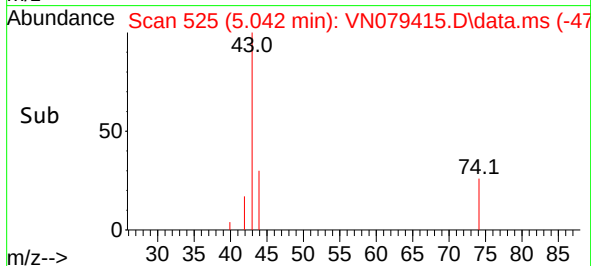
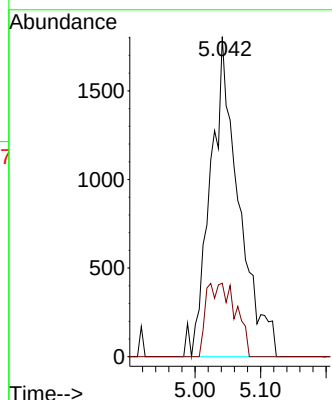
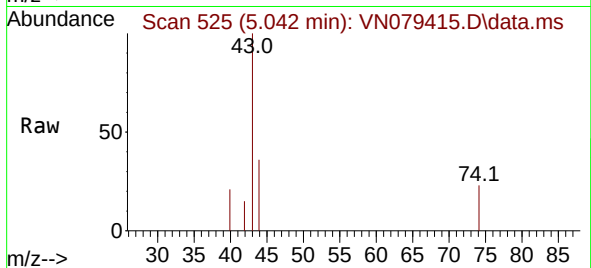




#18
Methyl Acetate
Concen: 1.813 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

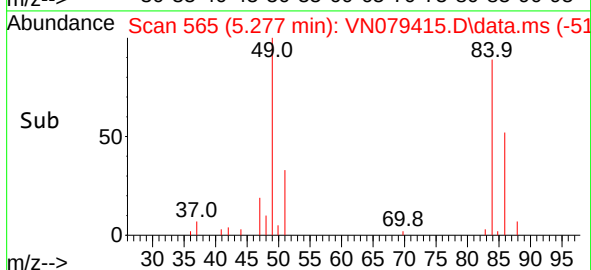
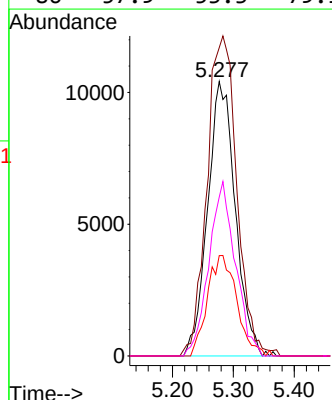
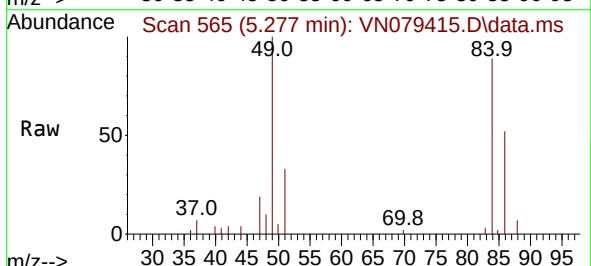
Instrument :
MSVOA_N
ClientSampleId :
TP-4

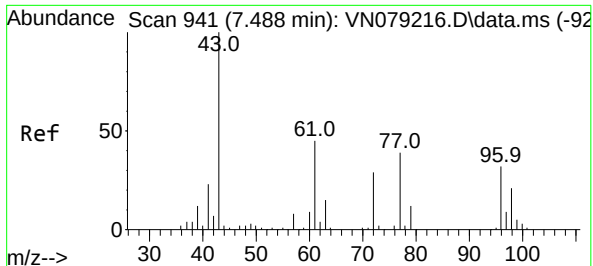
Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
74 8.3 26.2 39.4#



#20
Methylene Chloride
Concen: 18.485 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Tgt Ion: 84 Resp: 32885
Ion Ratio Lower Upper
84 100
49 112.3 79.7 119.5
51 36.6 25.2 37.8
86 57.9 53.3 79.9





#25

2-Butanone

Concen: 23.220 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079415.D

Acq: 04 Oct 2023 20:00

Instrument :

MSVOA_N

ClientSampleId :

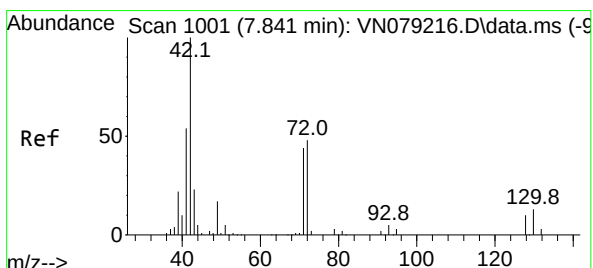
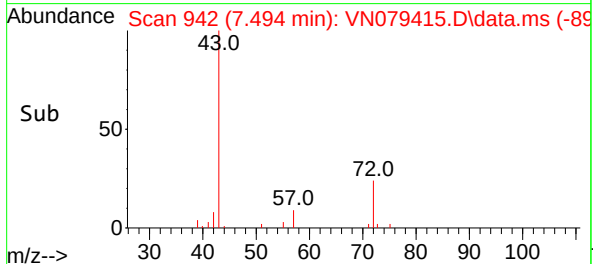
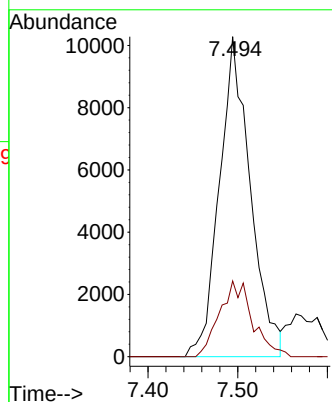
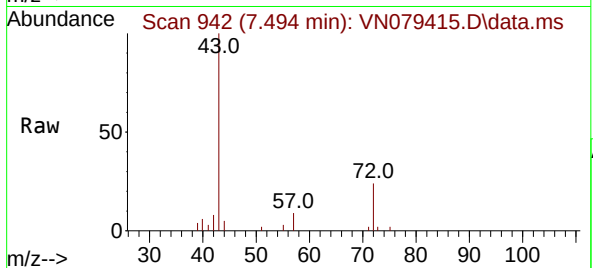
TP-4

Tgt Ion: 43 Resp: 24629

Ion Ratio Lower Upper

43 100

72 23.7 30.2 45.2#



#29

Tetrahydrofuran

Concen: 33.043 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079415.D

Acq: 04 Oct 2023 20:00

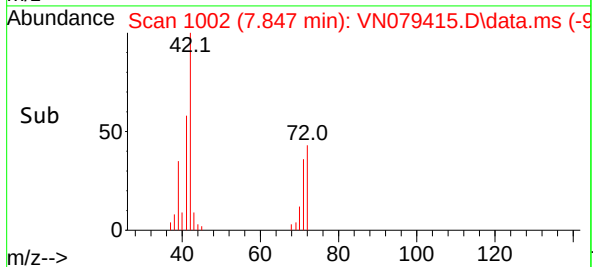
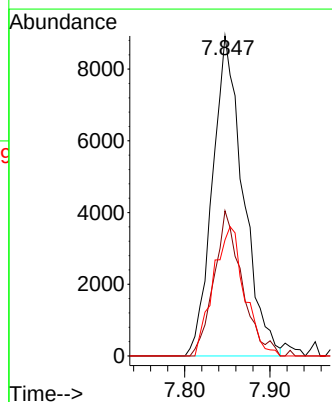
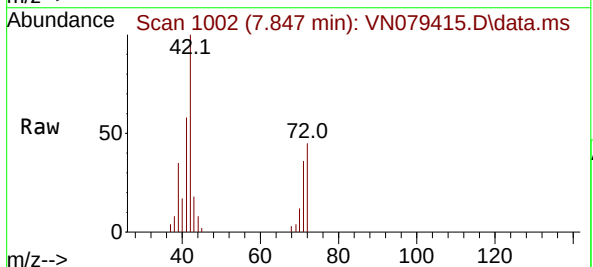
Tgt Ion: 42 Resp: 22304

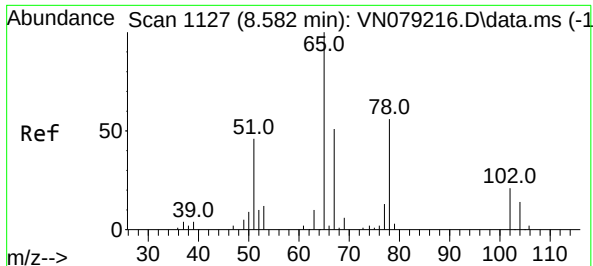
Ion Ratio Lower Upper

42 100

72 41.6 49.8 74.6#

71 41.1 47.4 71.2#





#33

1,2-Dichloroethane-d4

Concen: 65.801 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079415.D

Acq: 04 Oct 2023 20:00

Instrument :

MSVOA_N

ClientSampleId :

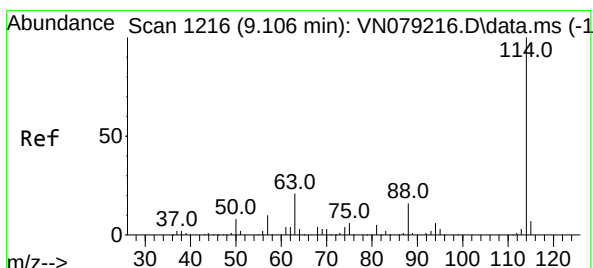
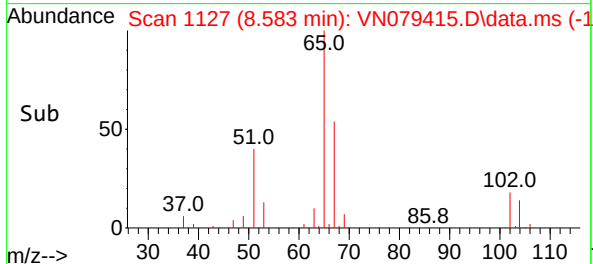
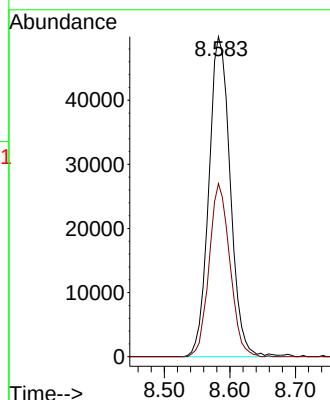
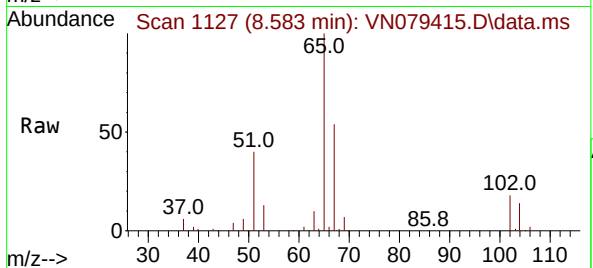
TP-4

Tgt Ion: 65 Resp: 113262

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079415.D

Acq: 04 Oct 2023 20:00

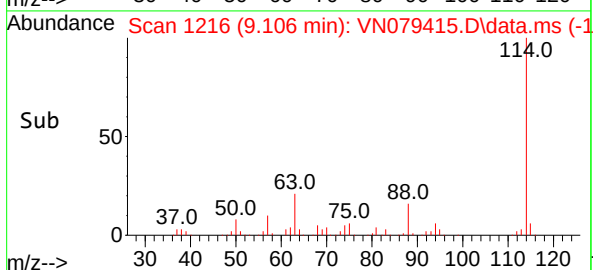
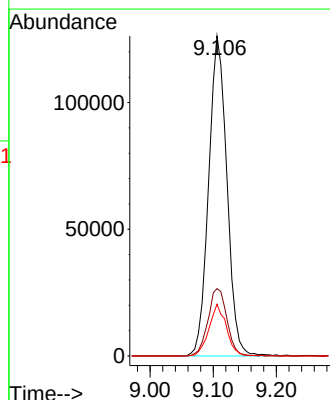
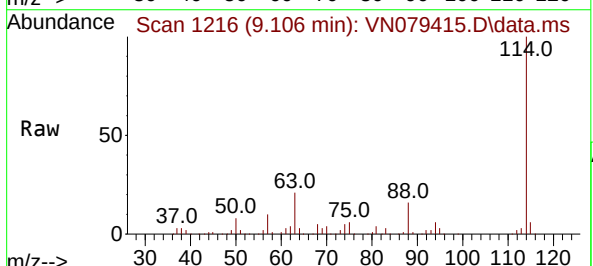
Tgt Ion: 114 Resp: 253544

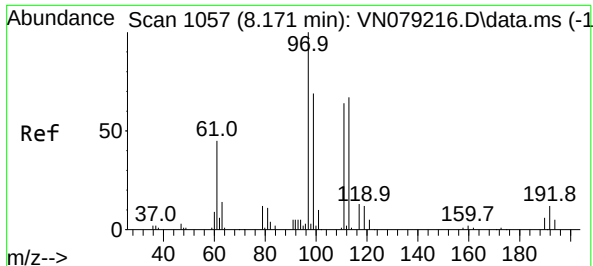
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 16.2 0.0 30.6

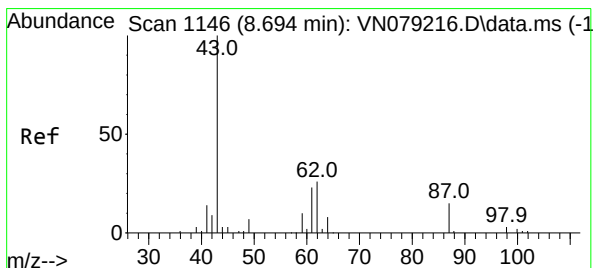
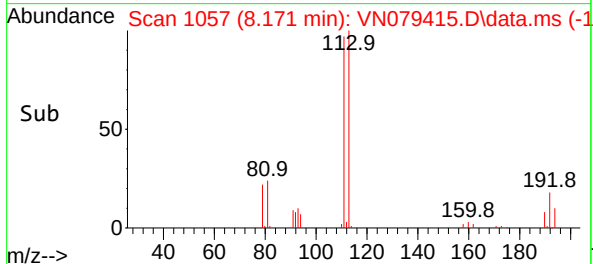
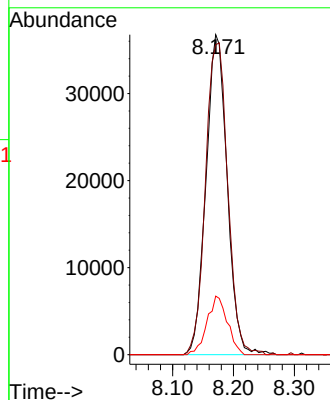
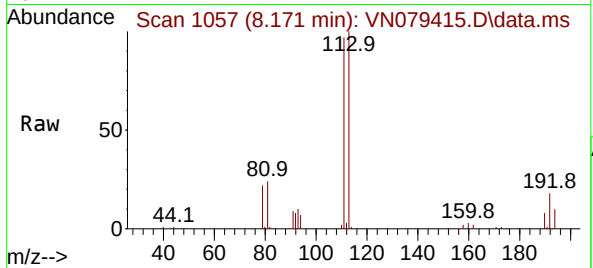




#35
Dibromofluoromethane
Concen: 52.637 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

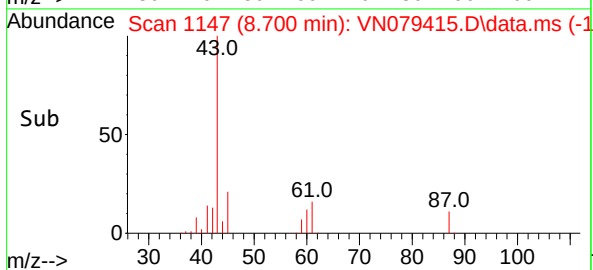
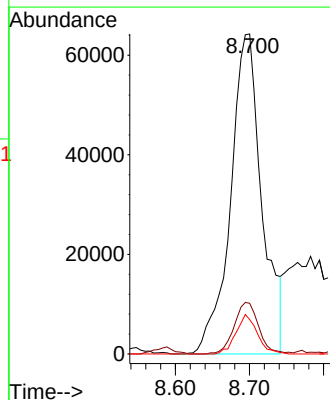
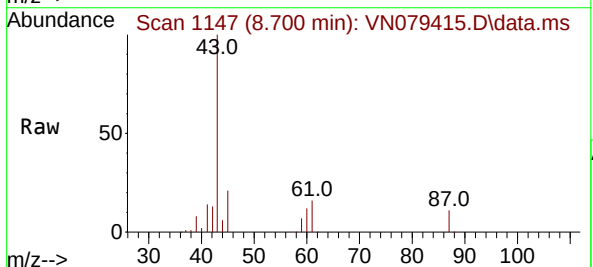
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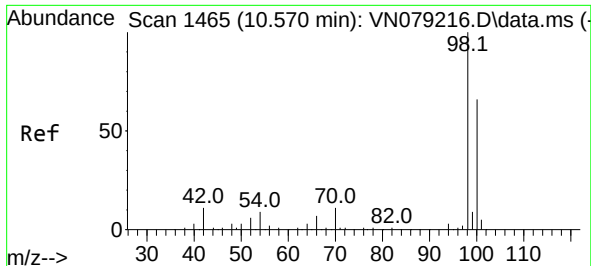
Tgt Ion:113 Resp: 88774
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.6 12.7 19.1



#43
Isopropyl Acetate
Concen: 44.686 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Tgt Ion: 43 Resp: 189056
Ion Ratio Lower Upper
43 100
61 12.7 24.7 37.1#
87 8.3 14.6 21.8#

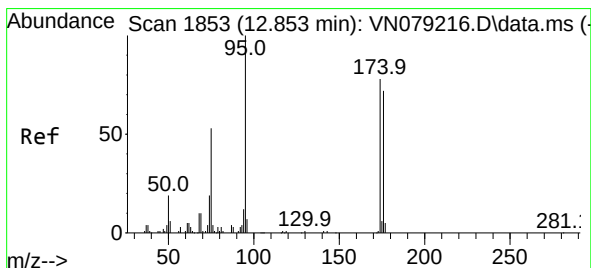
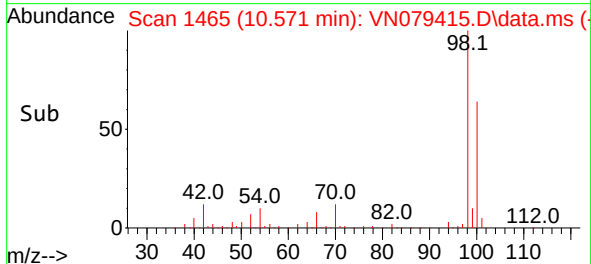
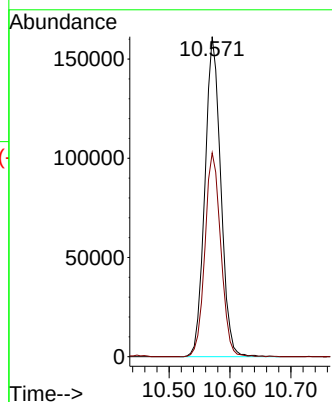
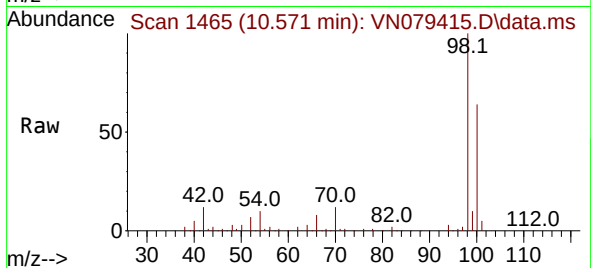




#50
Toluene-d8
Concen: 47.220 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

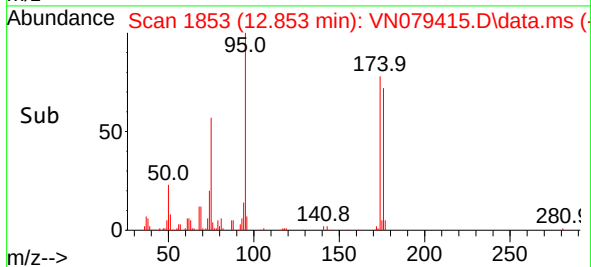
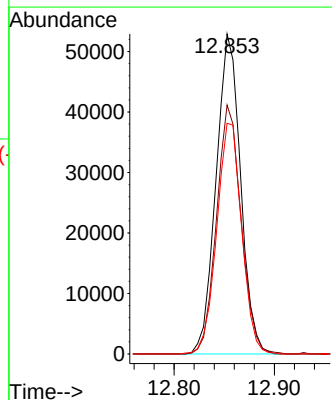
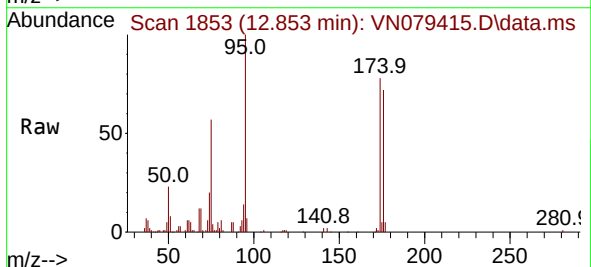
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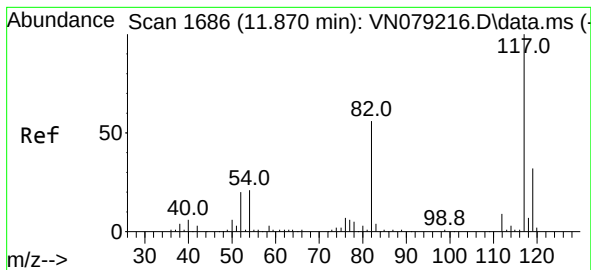
Tgt Ion: 98 Resp: 292418
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.426 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Tgt Ion: 95 Resp: 89732
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 73.4 0.0 135.8

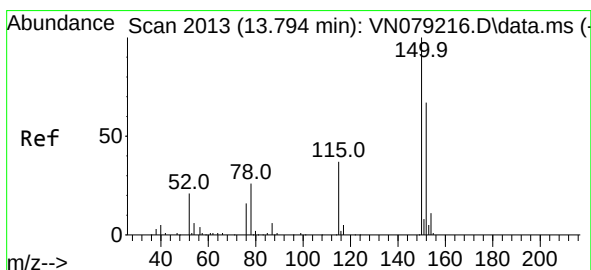
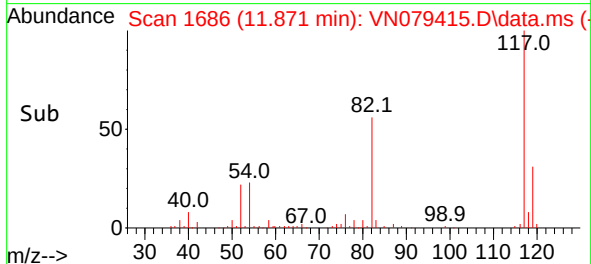
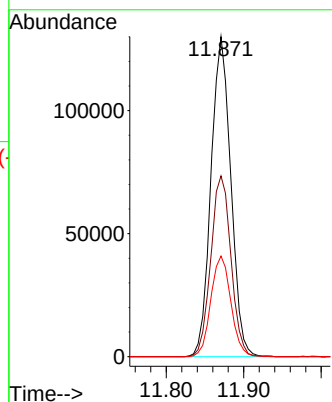
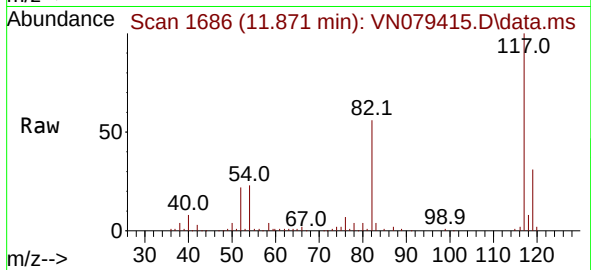




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 231300
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079415.D
Acq: 04 Oct 2023 20:00

Tgt Ion:152 Resp: 58889
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 160.9 0.0 355.8

