

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079442.D
 Acq On : 06 Oct 2023 13:05
 Operator : JC\MD
 Sample : 04714-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Oct 06 13:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

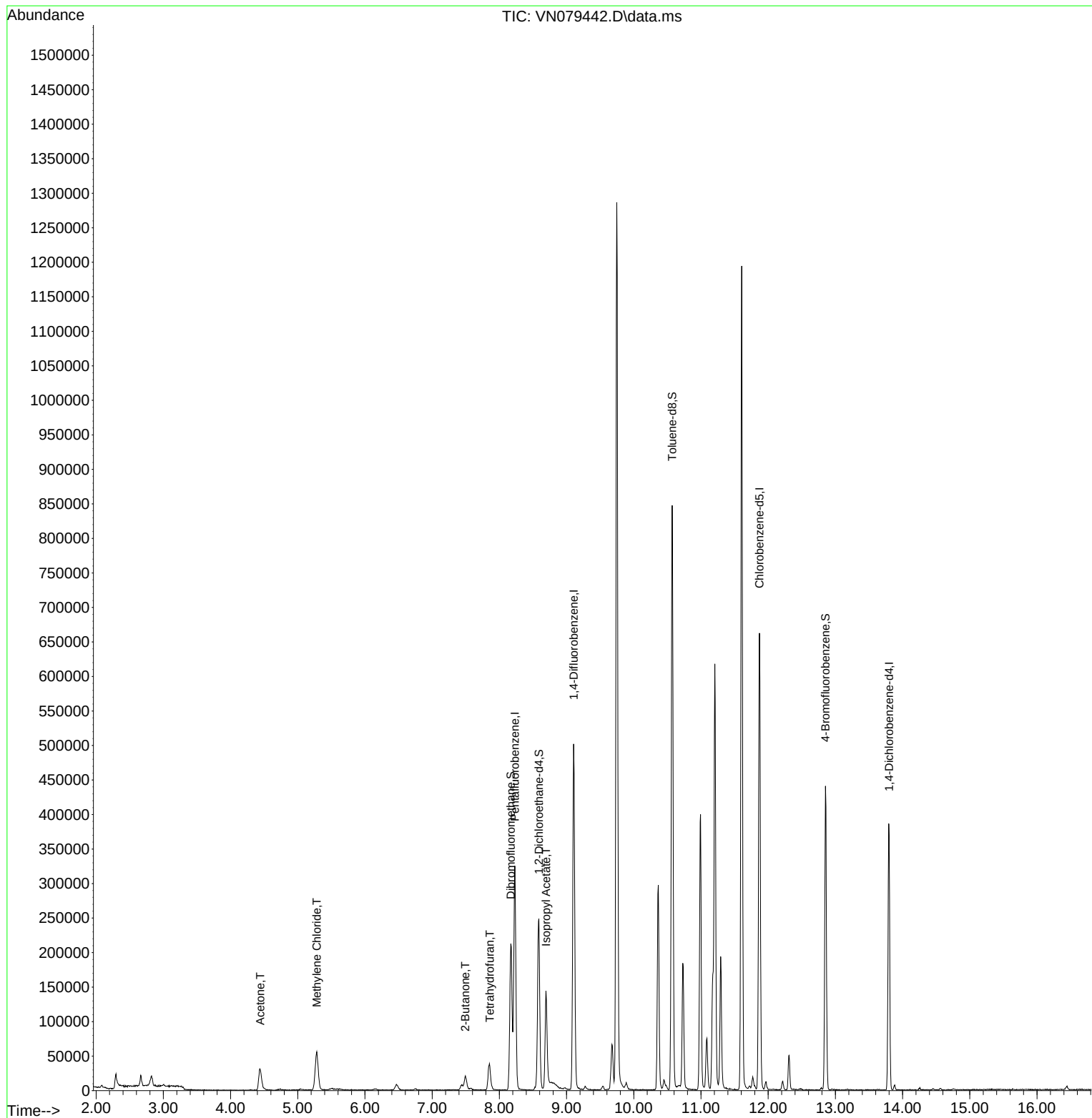
Internal Standards						
1) Pentafluorobenzene	8.230	168	221767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	412032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	381494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	99832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	200817	55.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.700%
35) Dibromofluoromethane	8.171	113	154405	52.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.571	98	568666	53.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.853	95	146292	42.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.100%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	60414	42.360	ug/l	89
20) Methylene Chloride	5.283	84	42586	13.192	ug/l #	78
25) 2-Butanone	7.494	43	32851	15.519	ug/l #	72
29) Tetrahydrofuran	7.859	42	28576	20.873	ug/l #	76
43) Isopropyl Acetate	8.694	43	153848	19.859	ug/l #	80

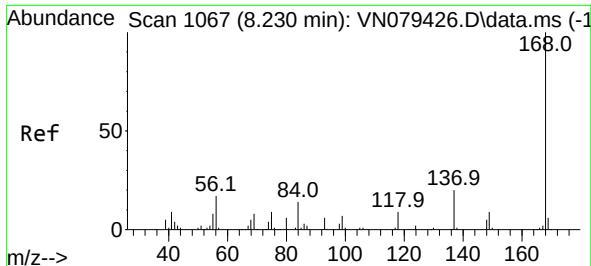
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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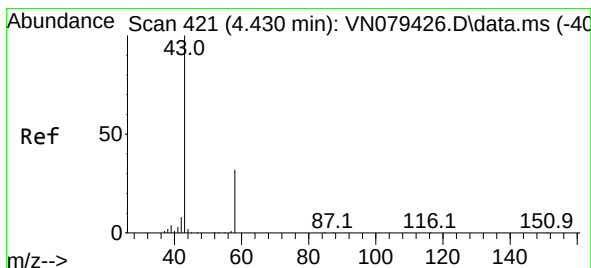
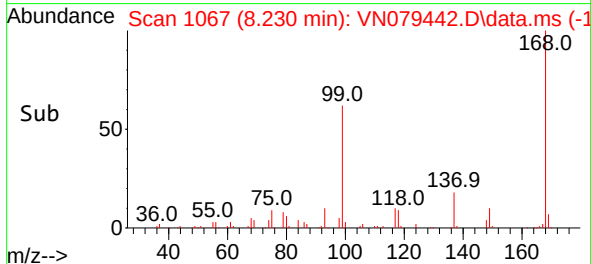
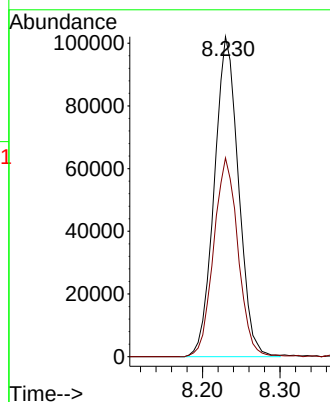
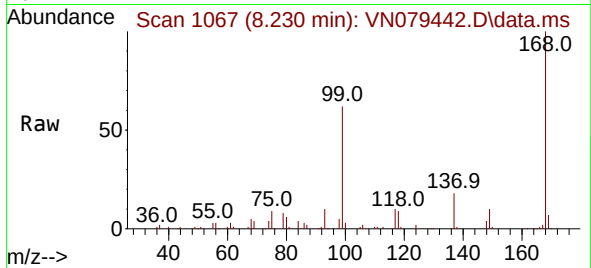




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

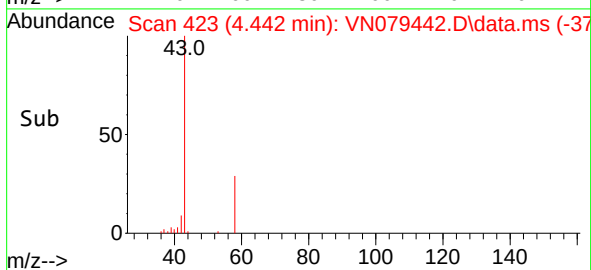
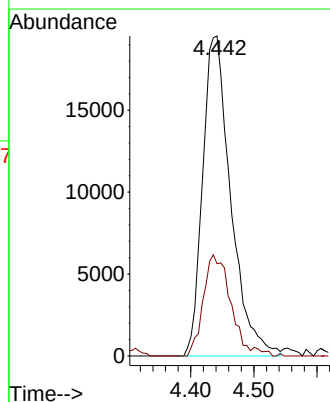
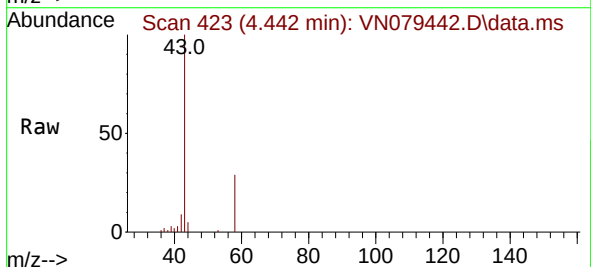
Instrument :
MSVOA_N
ClientSampleId :
TP-4

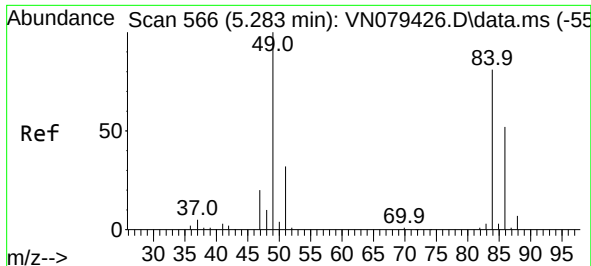
Tgt Ion:168 Resp: 221767
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 42.360 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

Tgt Ion: 43 Resp: 60414
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0

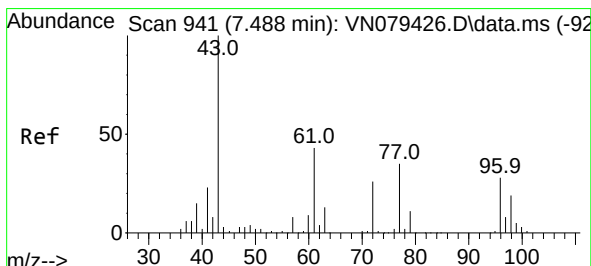
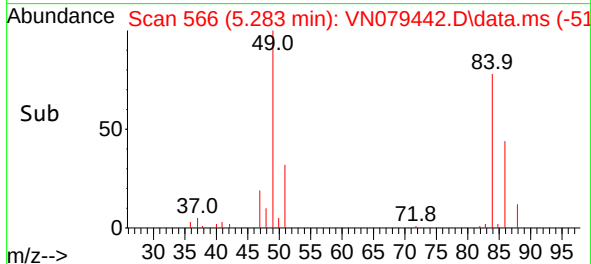
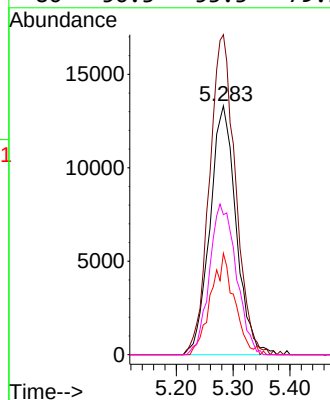
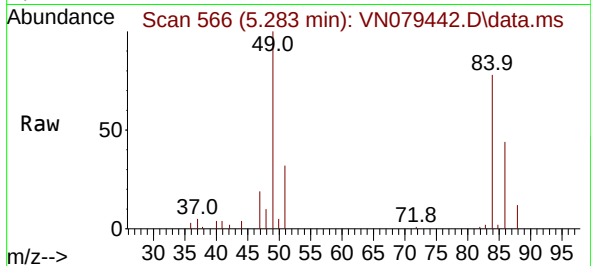




#20
Methylene Chloride
Concen: 13.192 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

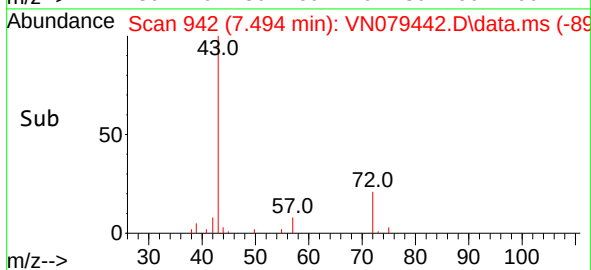
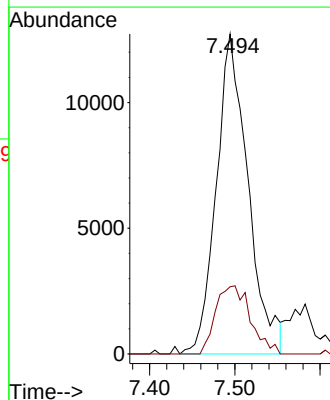
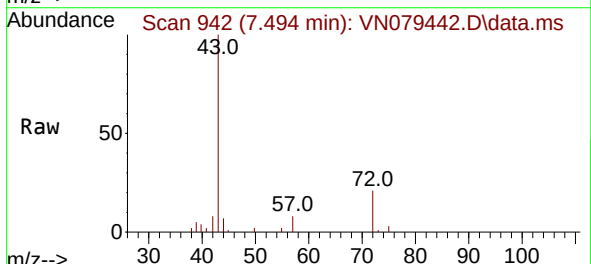
Instrument :
MSVOA_N
ClientSampleId :
TP-4

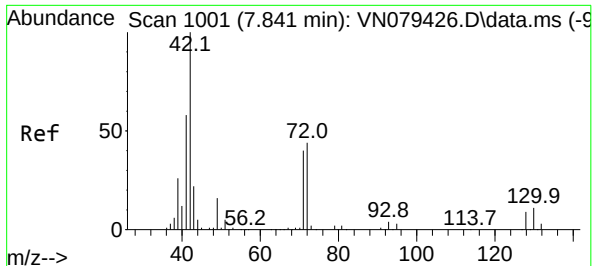
Tgt Ion:	84	Resp:	42586
Ion	Ratio	Lower	Upper
84	100		
49	128.6	79.7	119.5#
51	40.7	25.2	37.8#
86	56.3	53.3	79.9



#25
2-Butanone
Concen: 15.519 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

Tgt Ion:	43	Resp:	32851
Ion	Ratio	Lower	Upper
43	100		
72	21.0	30.2	45.2#





#29

Tetrahydrofuran

Concen: 20.873 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VN079442.D

Acq: 06 Oct 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

TP-4

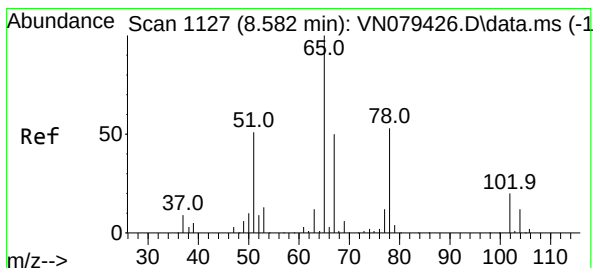
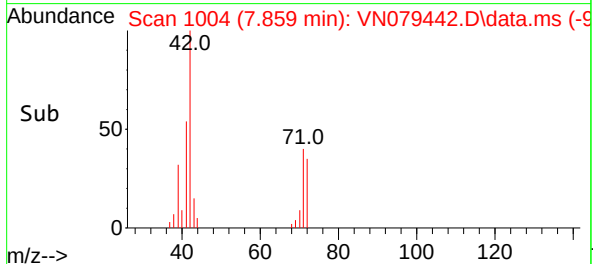
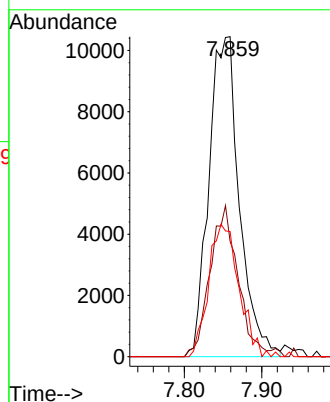
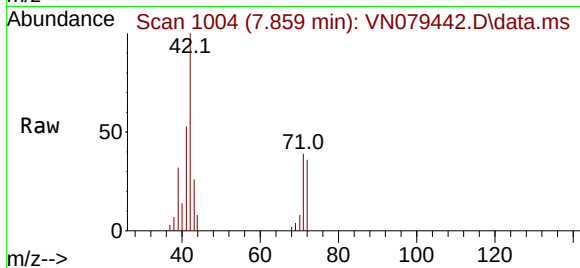
Tgt Ion: 42 Resp: 28576

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6#

71 41.3 47.4 71.2#



#33

1,2-Dichloroethane-d4

Concen: 55.848 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN079442.D

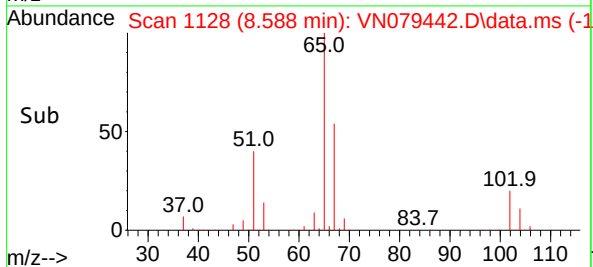
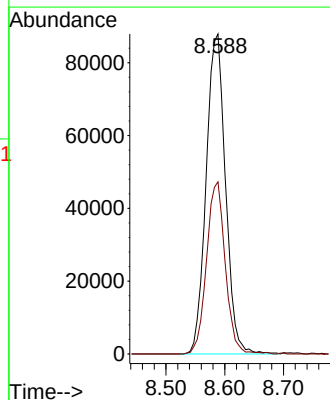
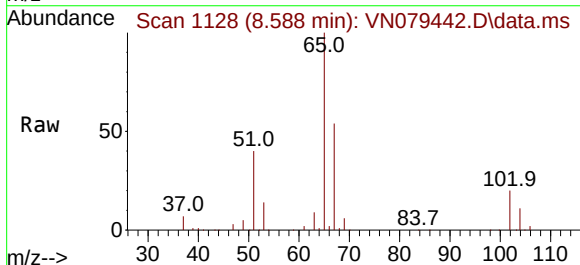
Acq: 06 Oct 2023 13:05

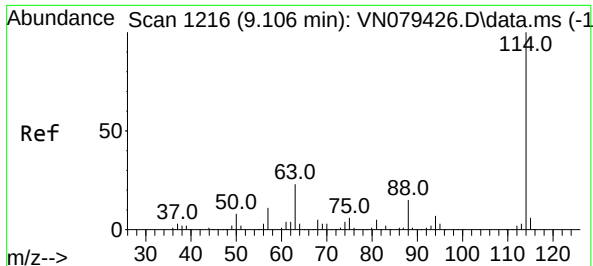
Tgt Ion: 65 Resp: 200817

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6

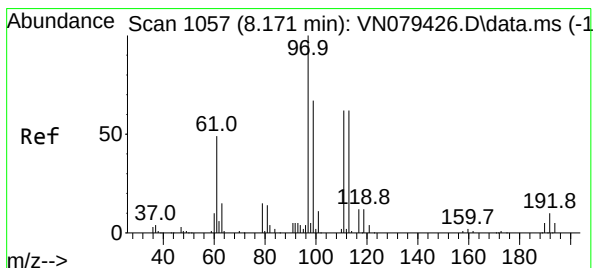
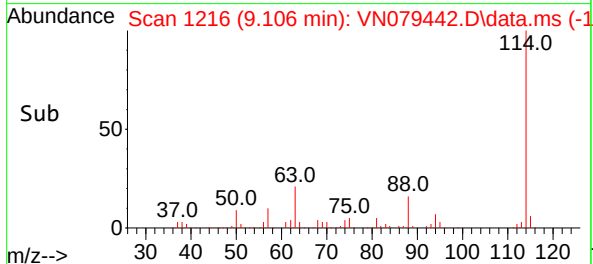
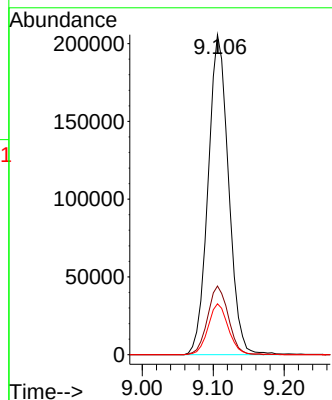
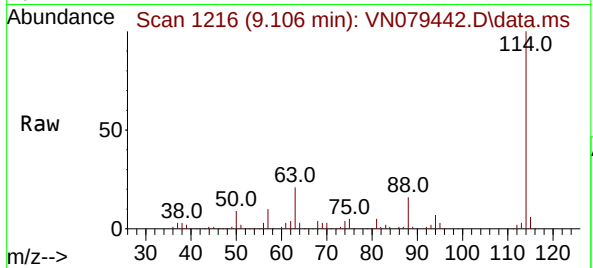




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

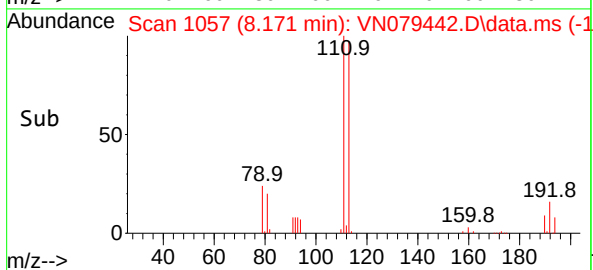
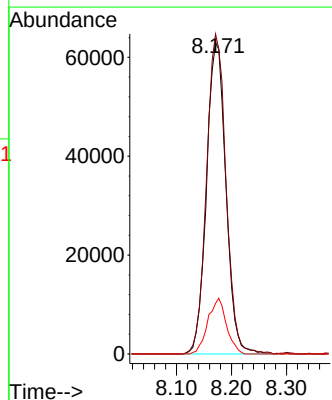
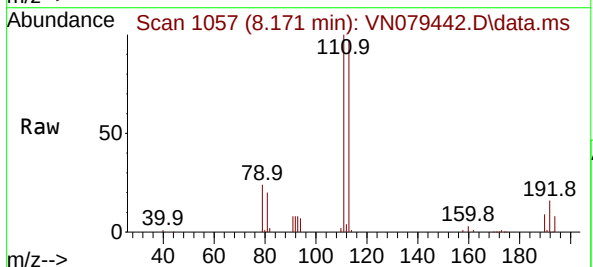
Instrument :
MSVOA_N
ClientSampleId :
TP-4

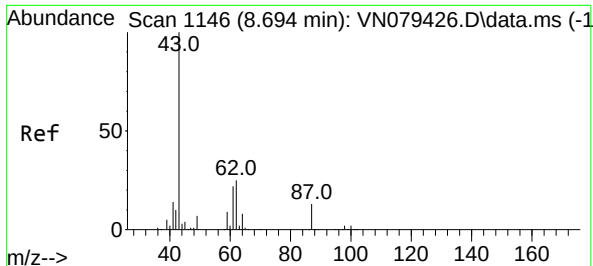
Tgt Ion:114 Resp: 412032
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

Tgt Ion:113 Resp: 154405
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.2 12.7 19.1





#43

Isopropyl Acetate

Concen: 19.859 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079442.D

Acq: 06 Oct 2023 13:05

Instrument :

MSVOA_N

ClientSampleId :

TP-4

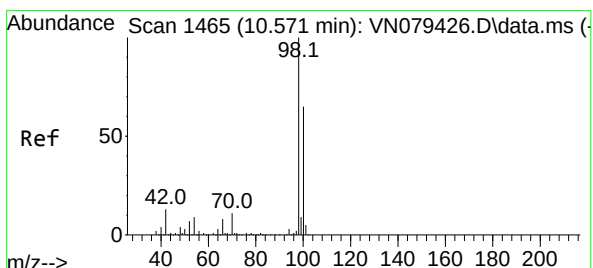
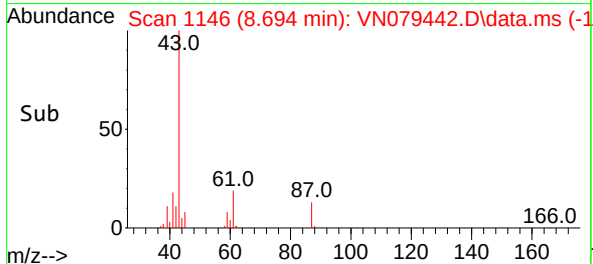
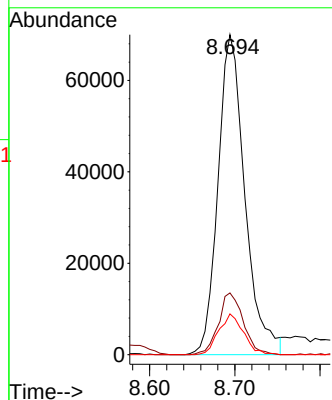
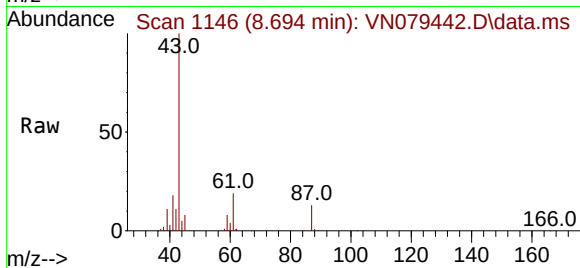
Tgt Ion: 43 Resp: 153848

Ion Ratio Lower Upper

43 100

61 17.8 24.7 37.1#

87 11.7 14.6 21.8#



#50

Toluene-d8

Concen: 53.078 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079442.D

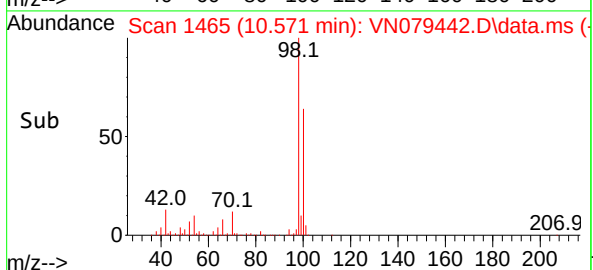
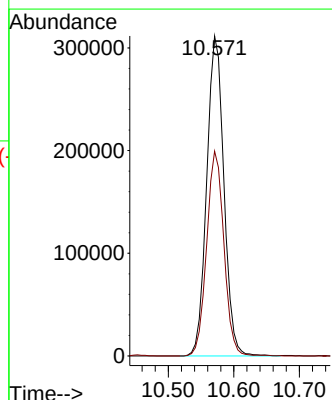
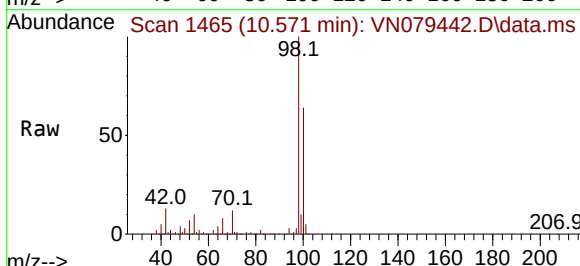
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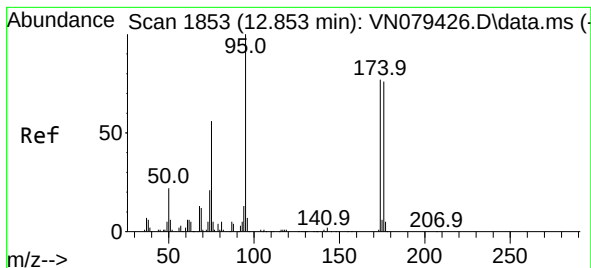
Tgt Ion: 98 Resp: 568666

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

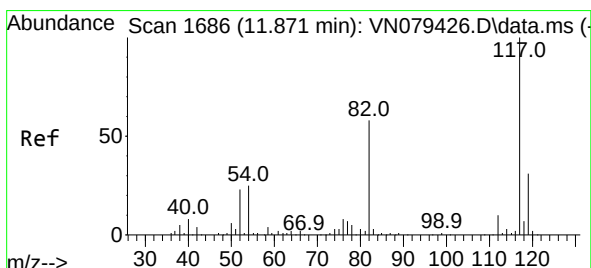
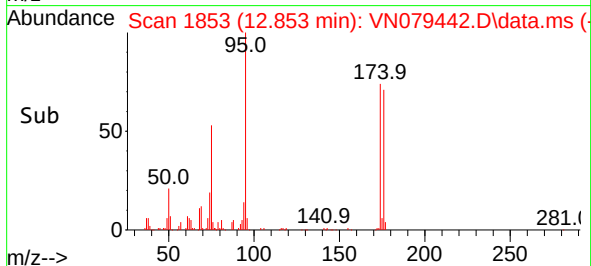
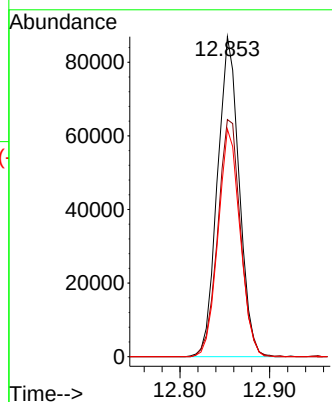
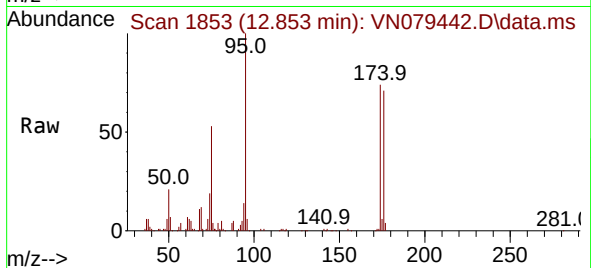




#62
4-Bromofluorobenzene
Concen: 42.548 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

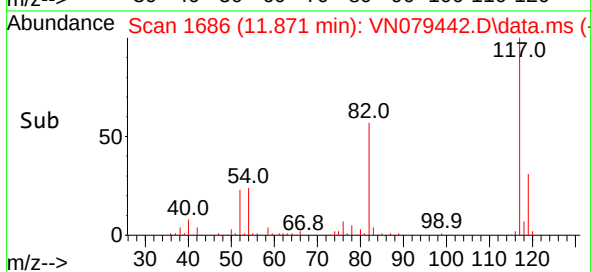
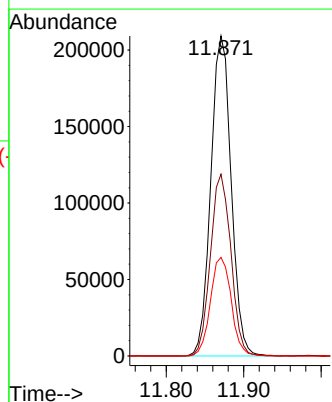
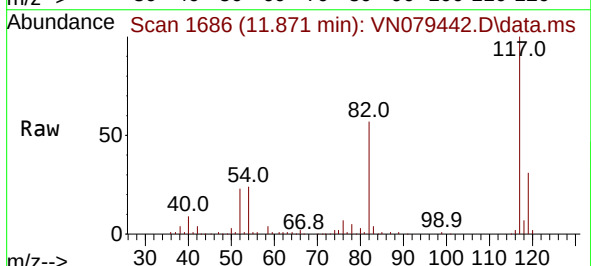
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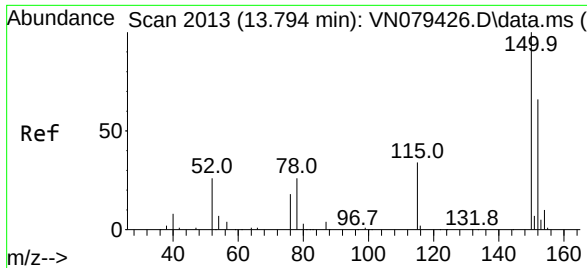
Tgt Ion: 95 Resp: 146292
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

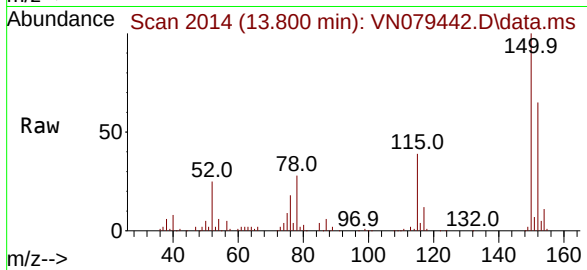
Tgt Ion: 117 Resp: 381494
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 30.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079442.D
Acq: 06 Oct 2023 13:05

Instrument :
MSVOA_N
ClientSampleId :
TP-4



Tgt Ion:152 Resp: 99832
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 158.5 0.0 355.8

