

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076095.D
 Acq On : 04 Jan 2023 20:43
 Operator : JC\MD
 Sample : 01009-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Jan 05 01:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

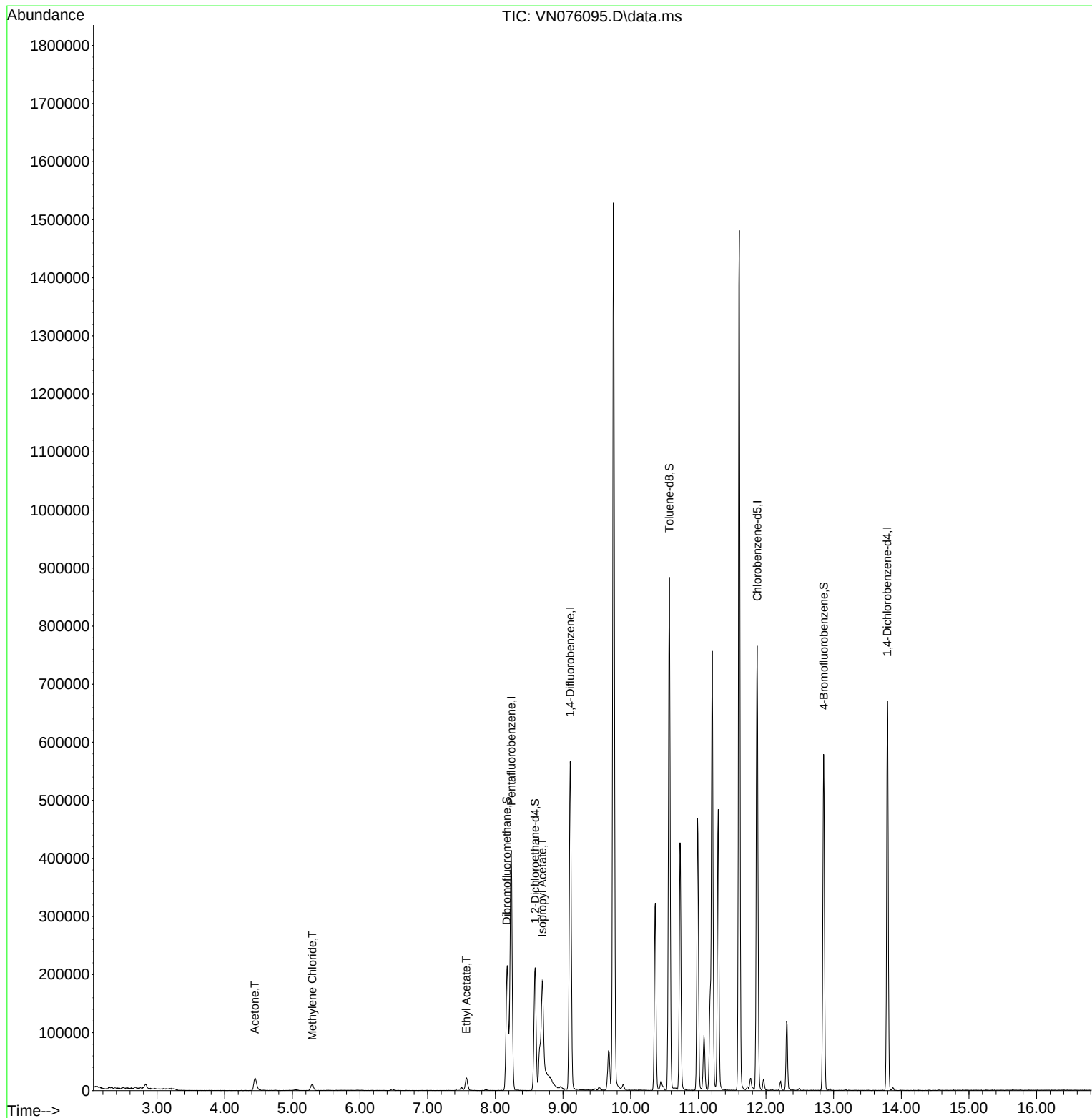
Internal Standards						
1) Pentafluorobenzene	8.235	168	320096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	523213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172392	49.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.171	113	153606	47.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	10.571	98	614885	50.755	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.853	95	189208	47.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	41313	34.415	ug/l	99
20) Methylene Chloride	5.295	84	8606	2.066	ug/l #	90
37) Ethyl Acetate	7.571	43	29899	8.648	ug/l	98
43) Isopropyl Acetate	8.694	43	290365	50.913	ug/l #	72

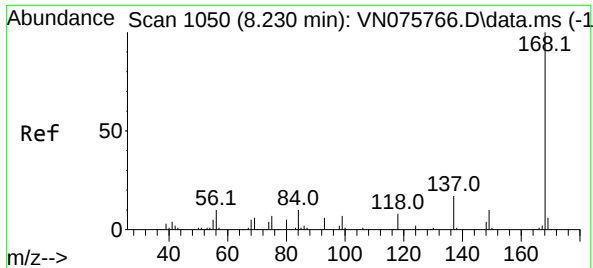
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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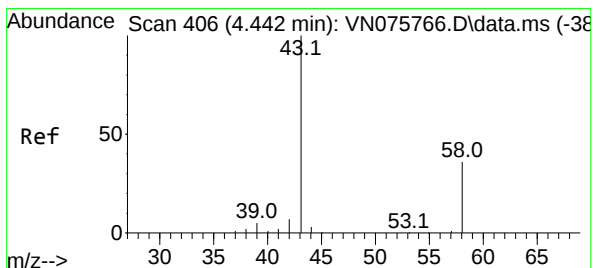
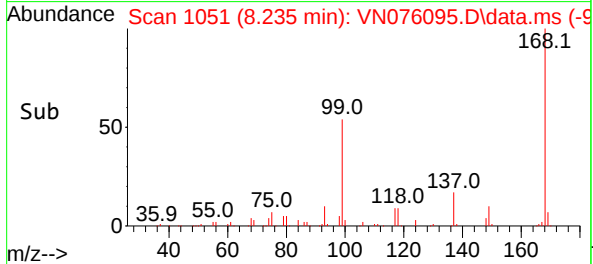
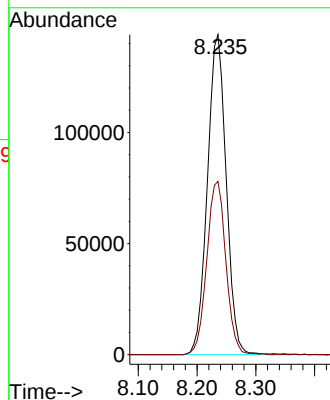
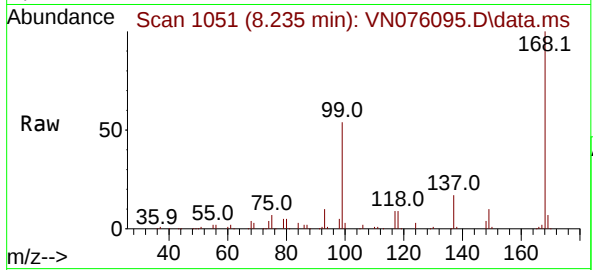




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

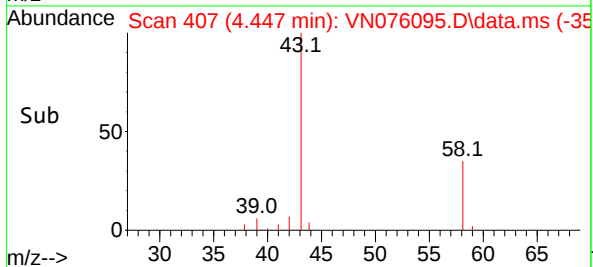
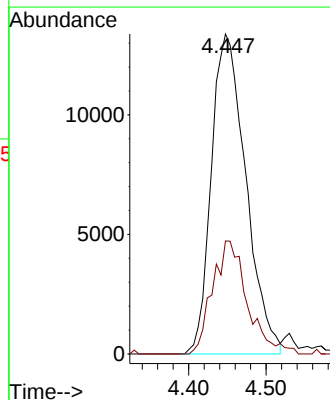
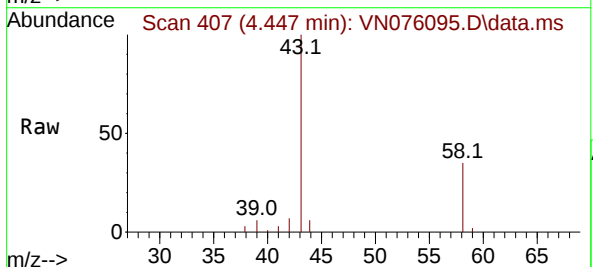
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:168 Resp: 320096
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#16
Acetone
Concen: 34.415 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Tgt Ion: 43 Resp: 41313
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0

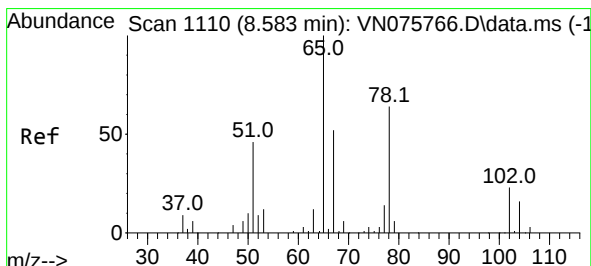
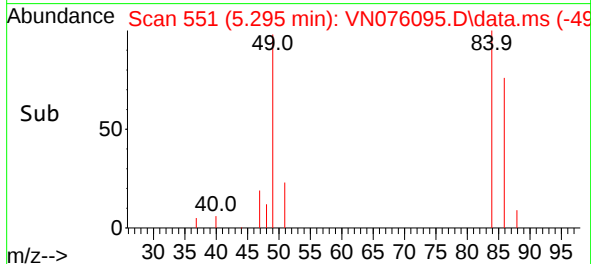
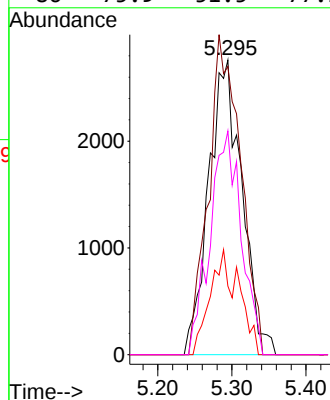
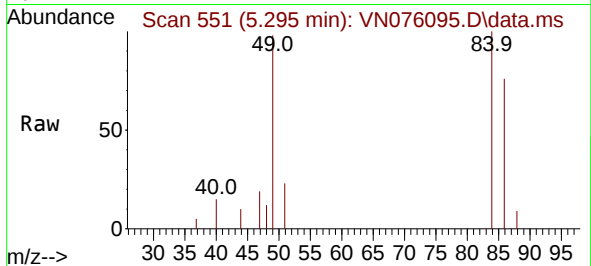




#20
Methylene Chloride
Concen: 2.066 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

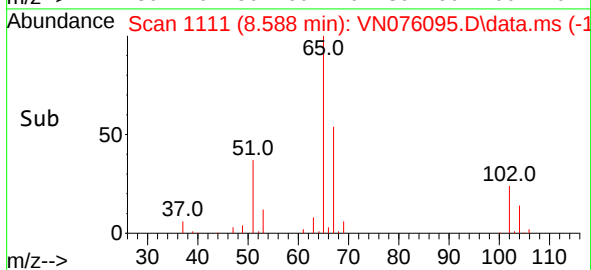
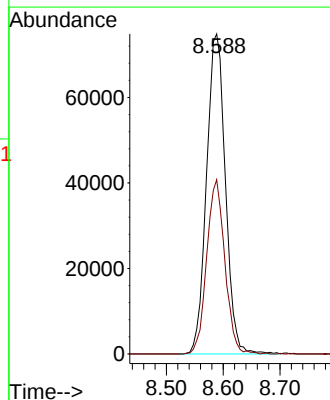
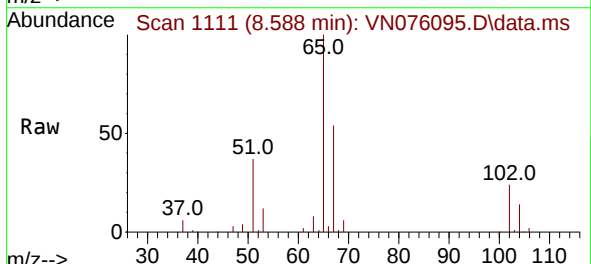
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion: 84	Resp: 8606
Ion Ratio	Lower Upper
84 100	
49 97.8	81.8 122.6
51 23.3	26.7 40.1#
86 75.9	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 49.505 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Tgt Ion: 65	Resp: 172392
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 103.4

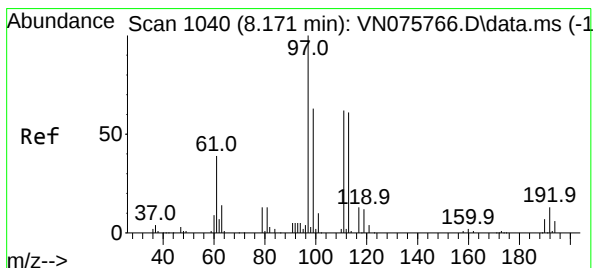
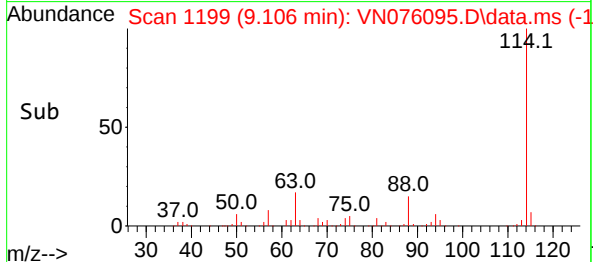
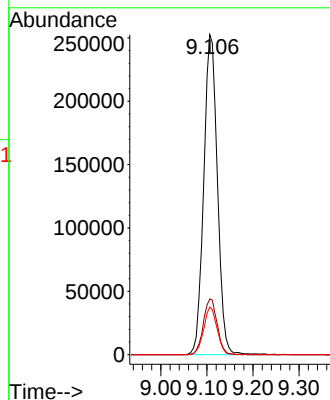
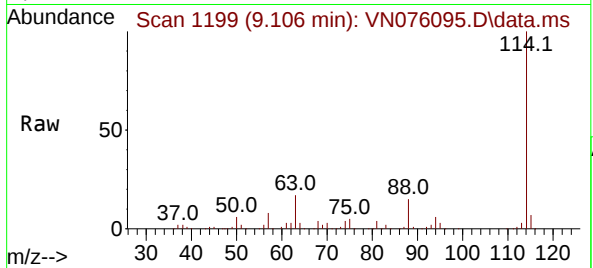




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

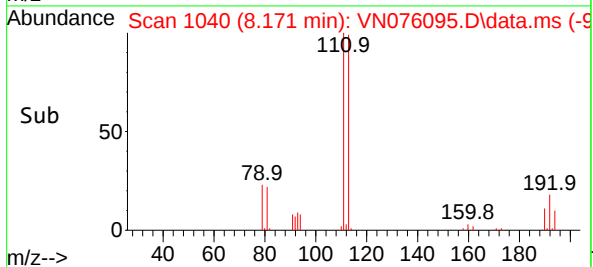
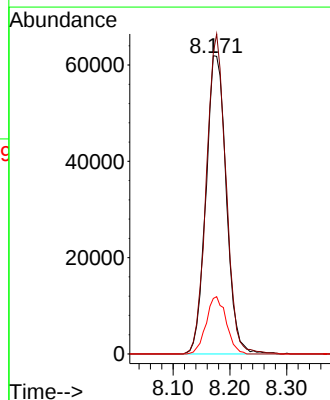
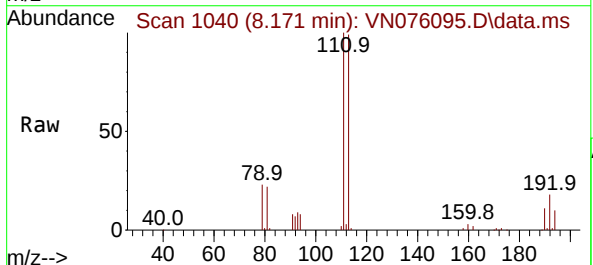
Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:114 Resp: 523213
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.407 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Tgt Ion:113 Resp: 153606
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 19.0 16.1 24.1





#37

Ethyl Acetate

Concen: 8.648 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076095.D

Acq: 04 Jan 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

TP-4

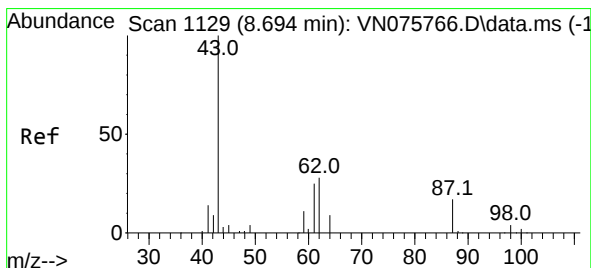
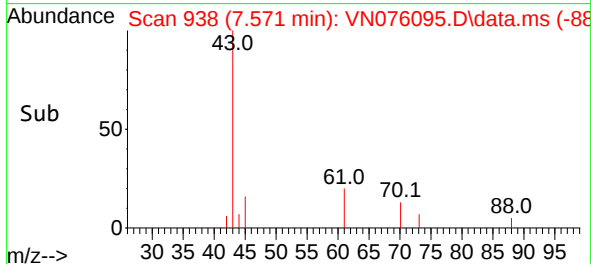
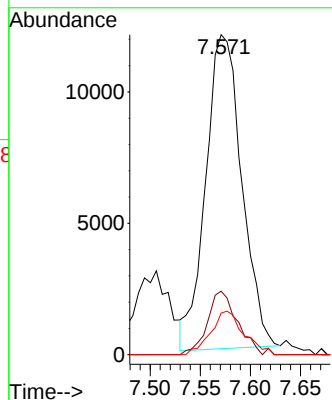
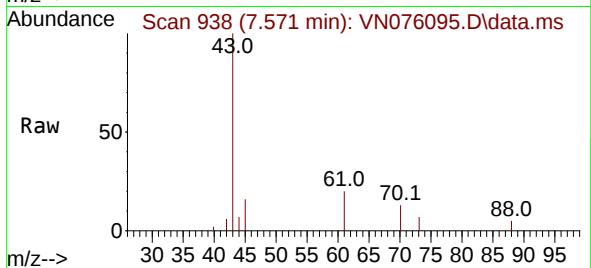
Tgt Ion: 43 Resp: 29899

Ion Ratio Lower Upper

43 100

61 17.0 13.0 19.4

70 12.7 9.4 14.0



#43

Isopropyl Acetate

Concen: 50.913 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076095.D

Acq: 04 Jan 2023 20:43

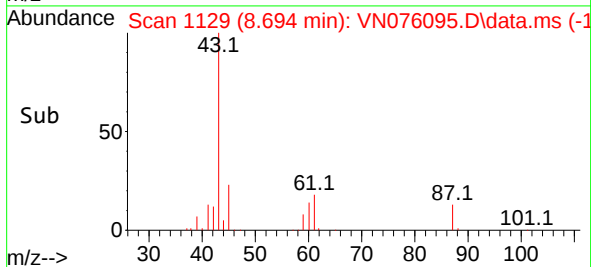
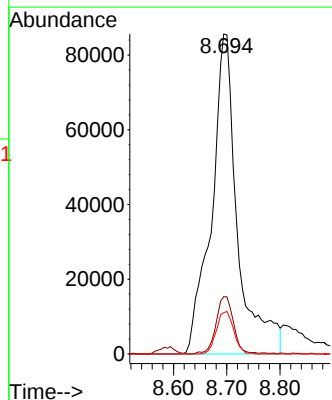
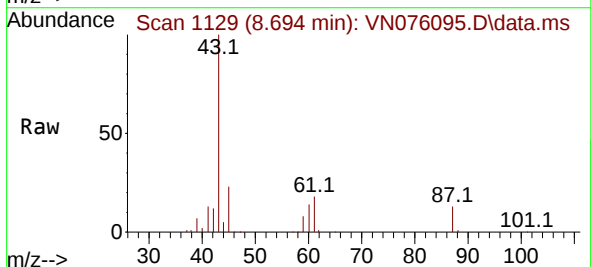
Tgt Ion: 43 Resp: 290365

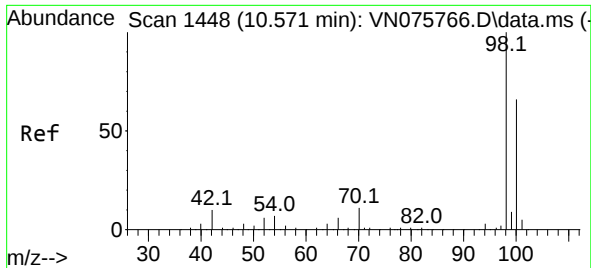
Ion Ratio Lower Upper

43 100

61 12.2 24.2 36.4#

87 8.8 13.3 19.9#

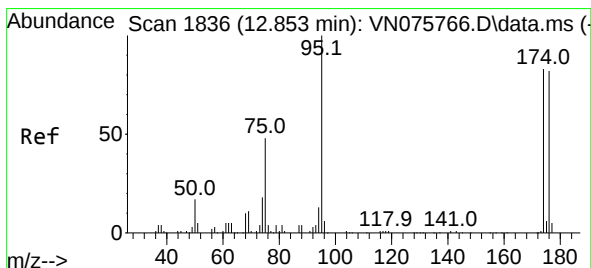
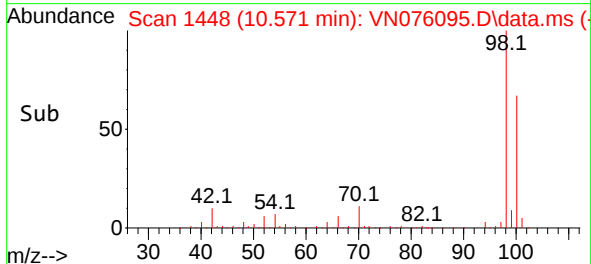
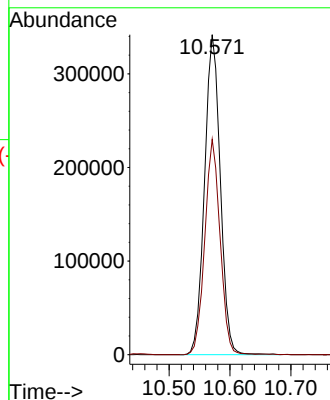
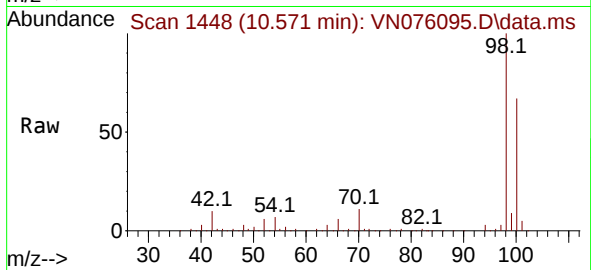




#50
Toluene-d8
Concen: 50.755 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

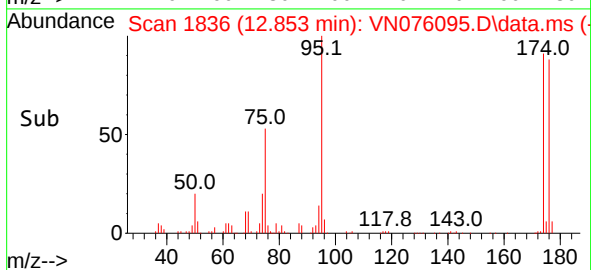
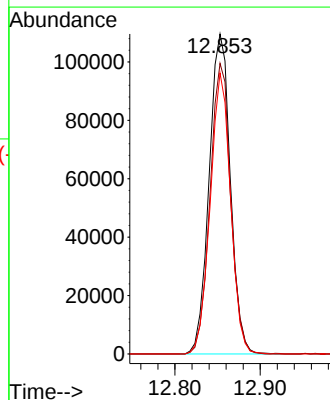
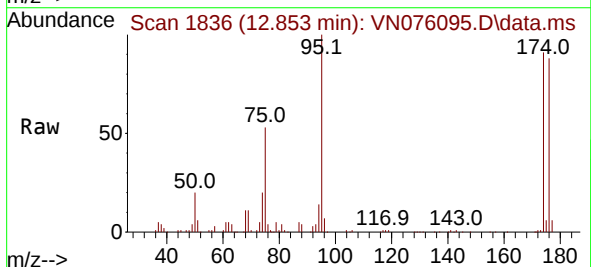
Instrument :
MSVOA_N
ClientSampleId :
TP-4

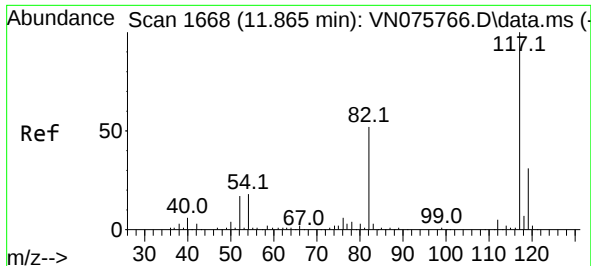
Tgt Ion: 98 Resp: 614885
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.155 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Tgt Ion: 95 Resp: 189208
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.6
176 84.5 0.0 169.2

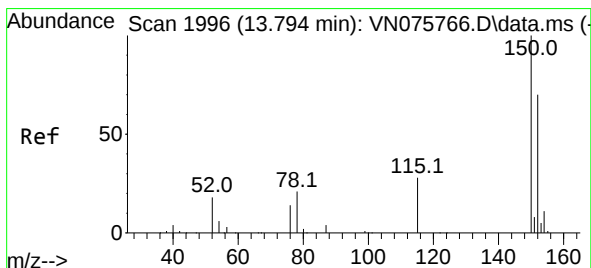
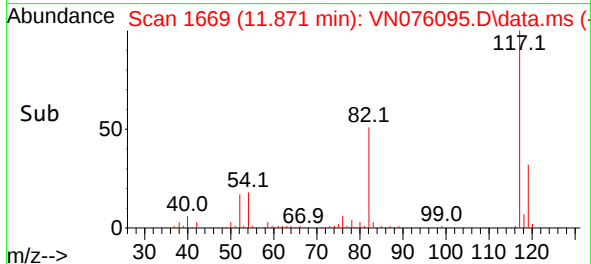
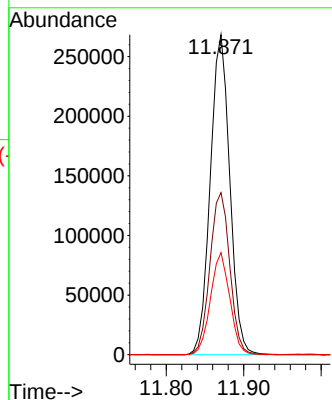
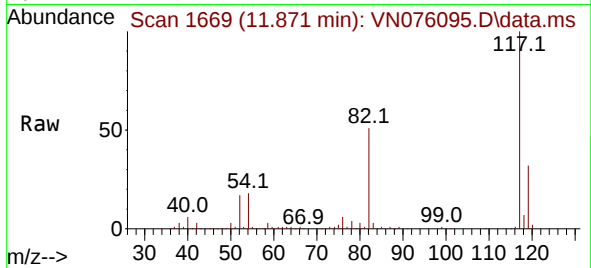




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 470608
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076095.D
Acq: 04 Jan 2023 20:43

Tgt Ion:152 Resp: 192756
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 156.5 0.0 347.0

