

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078293.D
 Acq On : 19 Jun 2023 21:03
 Operator : JC\MD
 Sample : 03320-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A

Quant Time: Jun 20 01:36:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

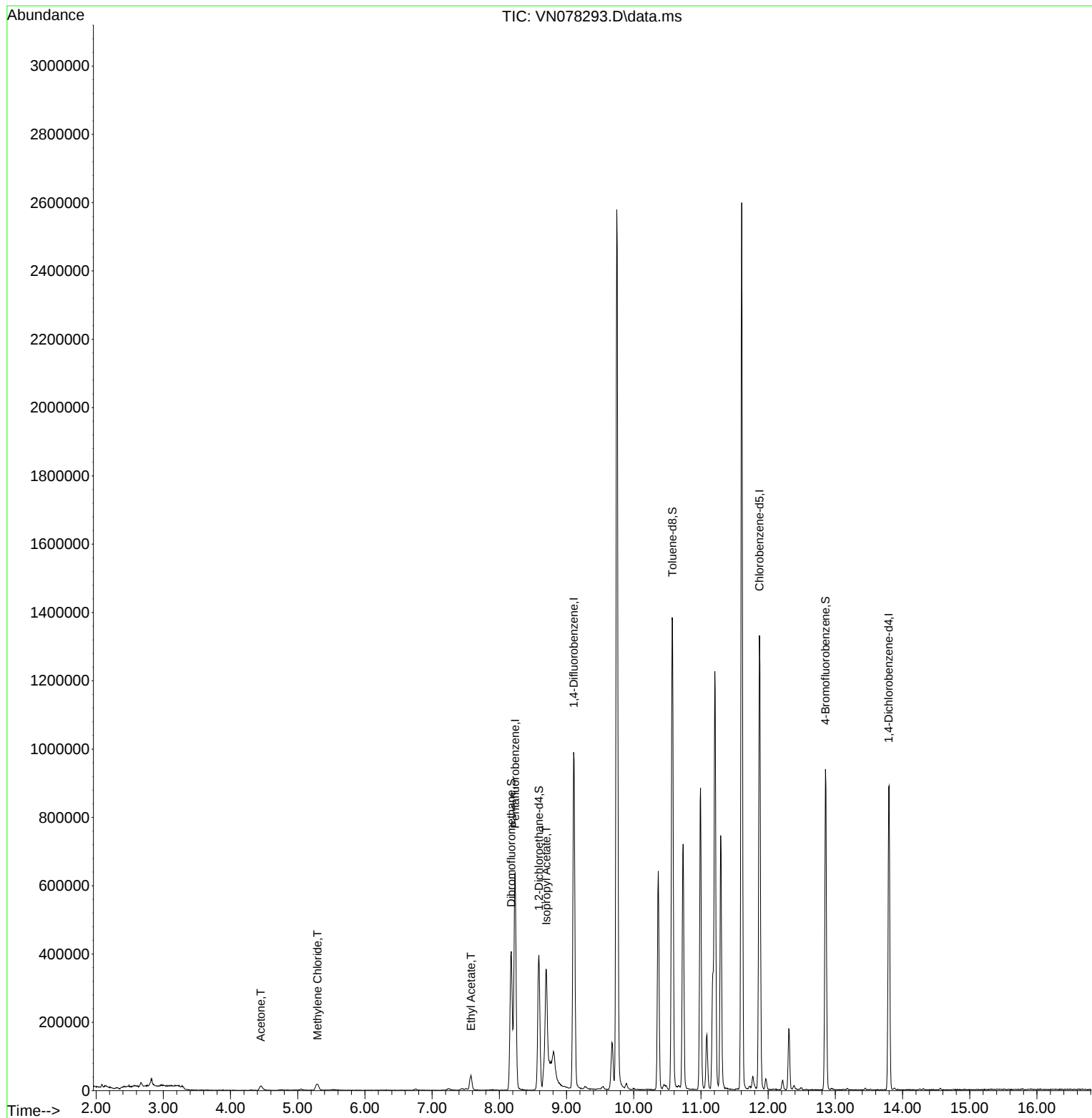
Internal Standards						
1) Pentafluorobenzene	8.236	168	458593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	876987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	791621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329205	53.841	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.680%	
35) Dibromofluoromethane	8.177	113	301327	54.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.680%	
50) Toluene-d8	10.577	98	1013397	47.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.820%	
62) 4-Bromofluorobenzene	12.853	95	325179	48.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	26428	15.016	ug/l #	67
20) Methylene Chloride	5.295	84	16288	2.801	ug/l #	80
37) Ethyl Acetate	7.577	43	66550	10.711	ug/l #	97
43) Isopropyl Acetate	8.700	43	465101	39.140	ug/l #	73

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

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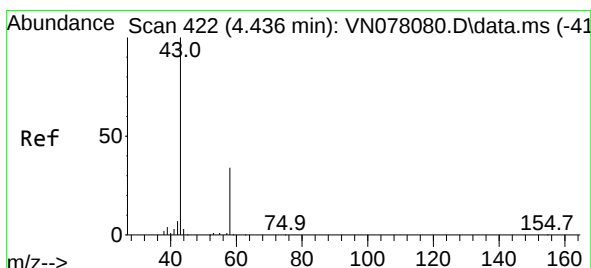
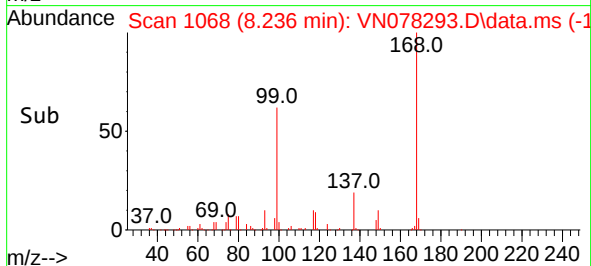
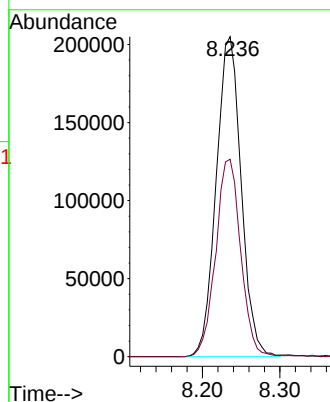
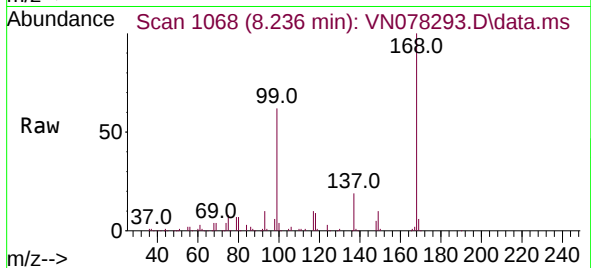




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

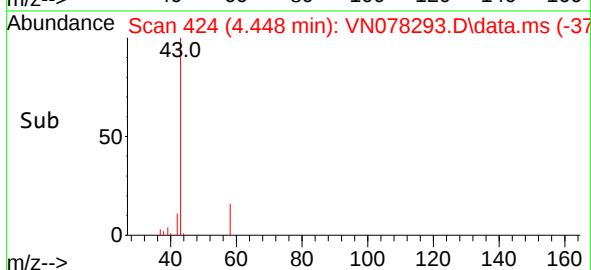
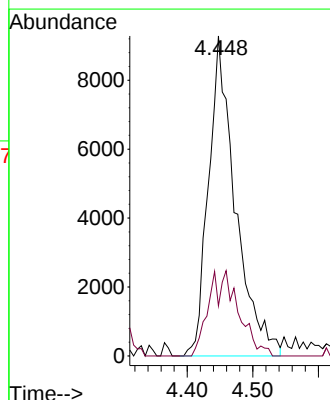
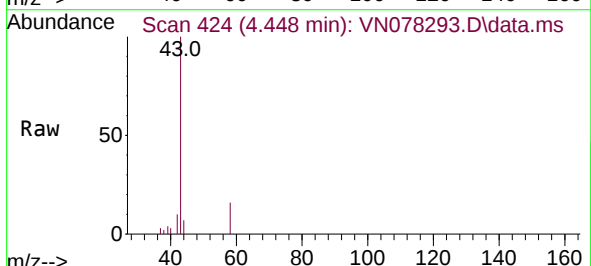
Instrument :
MSVOA_N
ClientSampleId :
WC-14A

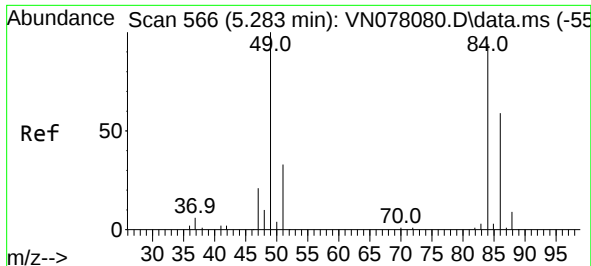
Tgt Ion:168 Resp: 458593
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 15.016 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Tgt Ion: 43 Resp: 26428
Ion Ratio Lower Upper
43 100
58 15.6 28.0 42.0#

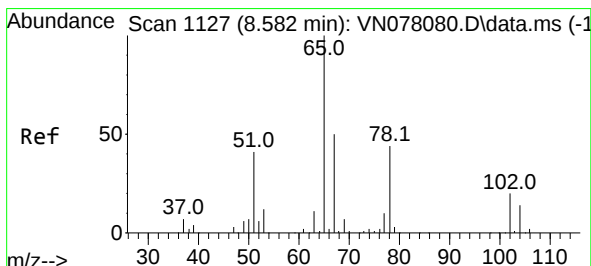
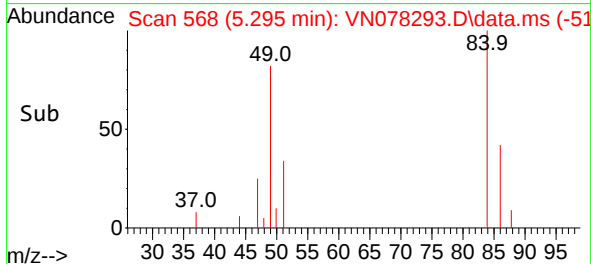
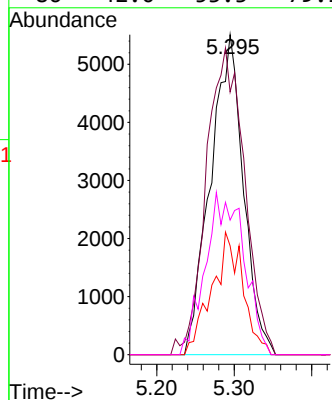
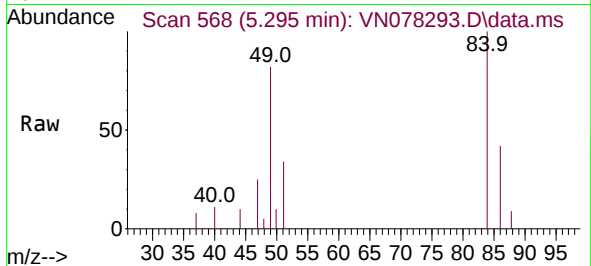




#20
Methylene Chloride
Concen: 2.801 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

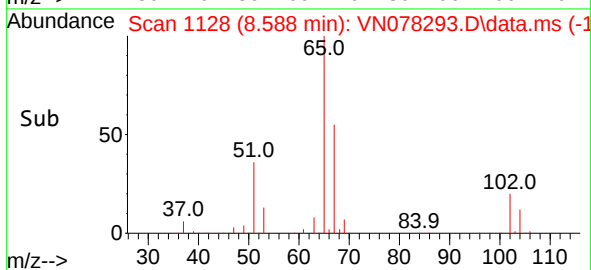
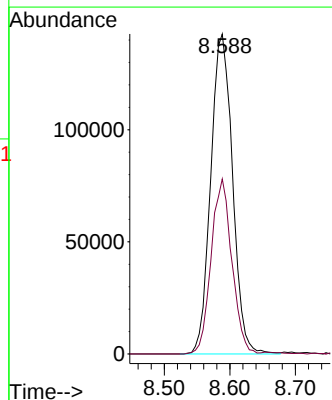
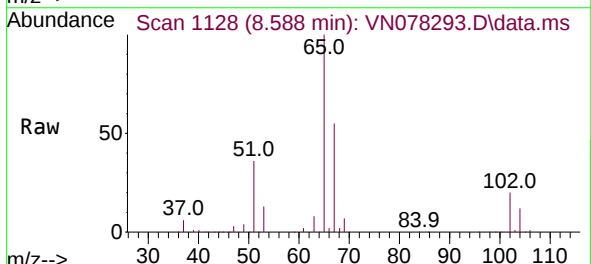
Instrument :
MSVOA_N
ClientSampleId :
WC-14A

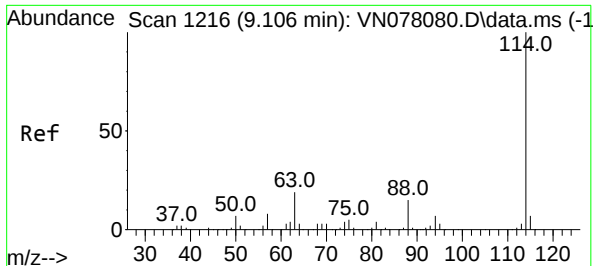
Tgt Ion: 84	Resp: 16288
Ion Ratio	Lower Upper
84 100	
49 82.1	79.7 119.5
51 34.0	25.2 37.8
86 42.0	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.841 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Tgt Ion: 65	Resp: 329205
Ion Ratio	Lower Upper
65 100	
67 51.9	0.0 106.6

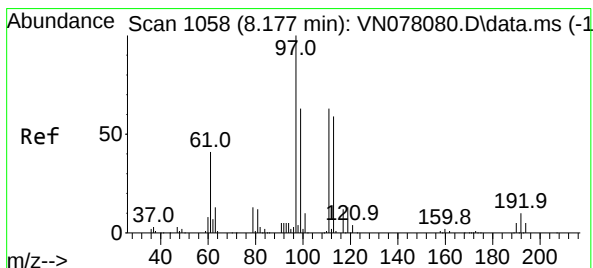
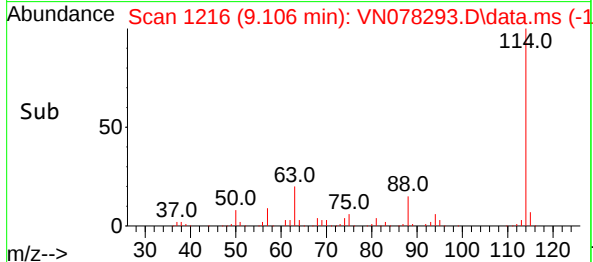
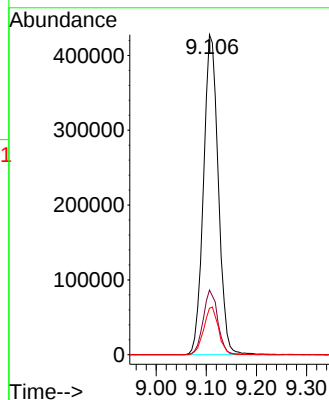
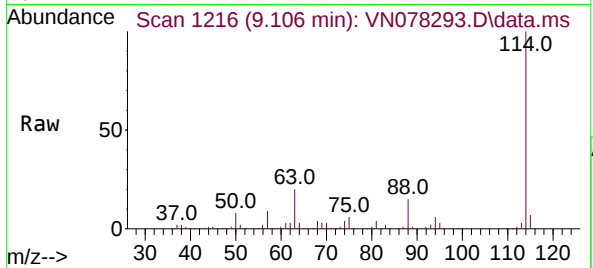




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

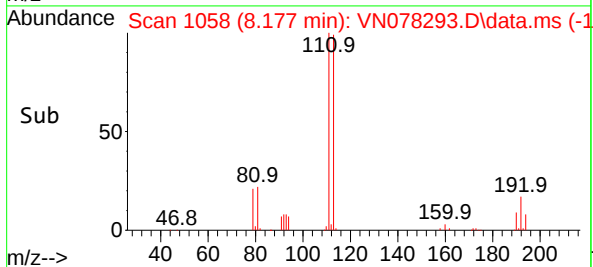
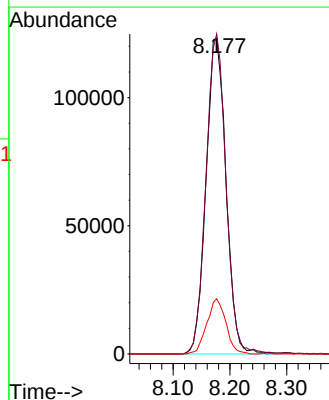
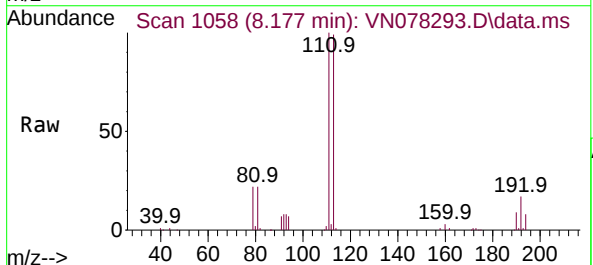
Instrument :
MSVOA_N
ClientSampleId :
WC-14A

Tgt Ion:114 Resp: 876987
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.341 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Tgt Ion:113 Resp: 301327
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 10.711 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078293.D

Acq: 19 Jun 2023 21:03

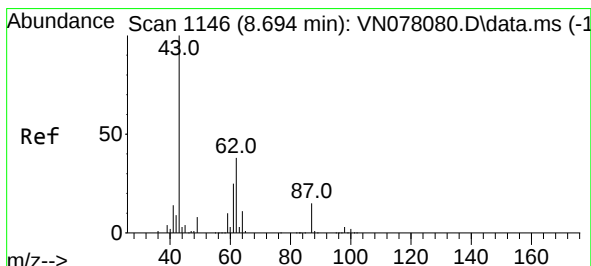
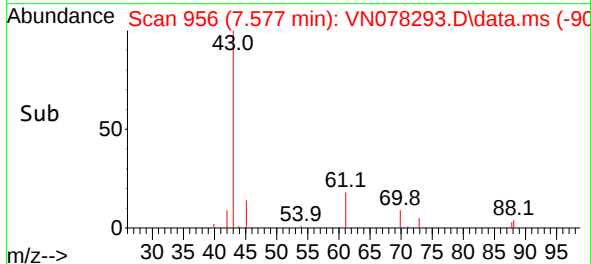
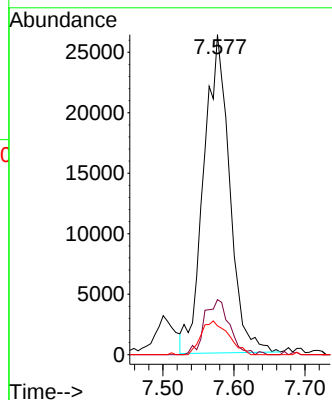
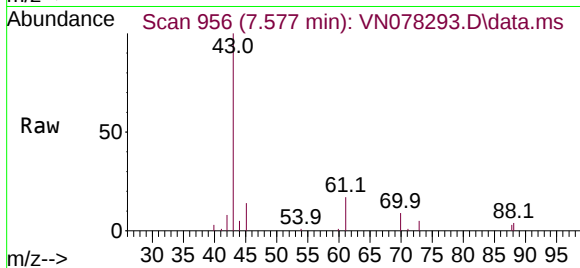
Instrument :

MSVOA_N

ClientSampleId :

WC-14A

Tgt Ion: 43	Resp: 66550
Ion Ratio	Lower Upper
43	100
61	16.6 13.2 19.8
70	11.1 11.3 16.9#



#43

Isopropyl Acetate

Concen: 39.140 ug/l

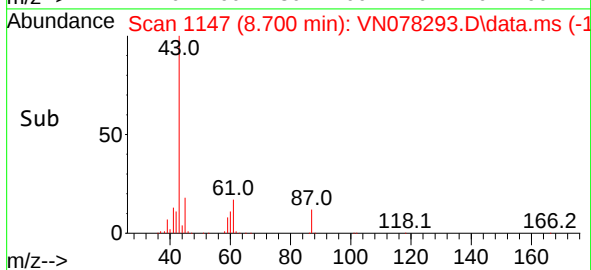
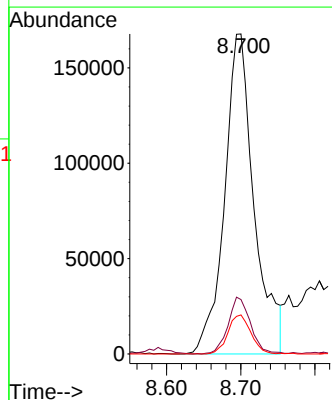
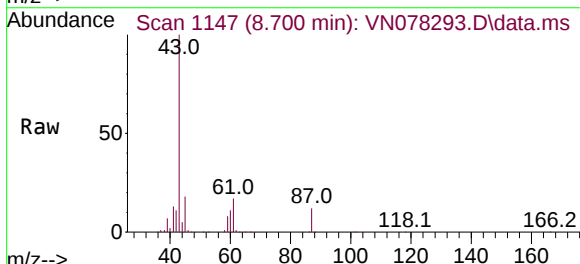
RT: 8.700 min Scan# 1147

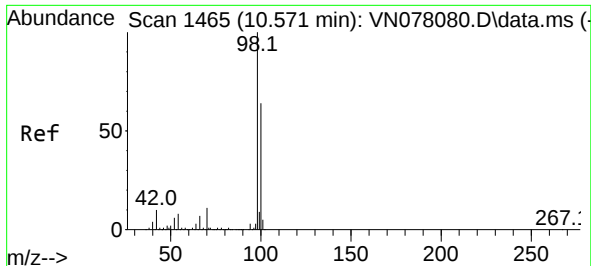
Delta R.T. 0.006 min

Lab File: VN078293.D

Acq: 19 Jun 2023 21:03

Tgt Ion: 43	Resp: 465101
Ion Ratio	Lower Upper
43	100
61	13.5 24.7 37.1#
87	9.4 14.6 21.8#

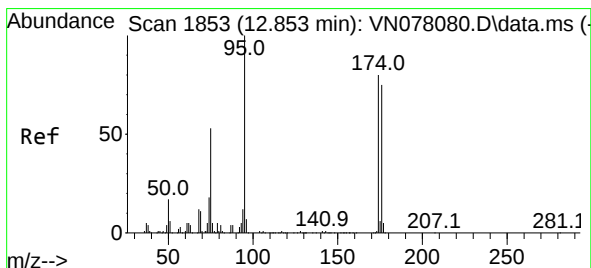
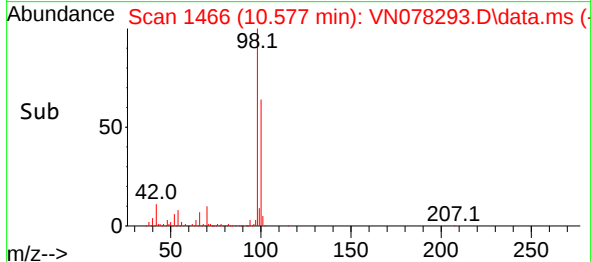
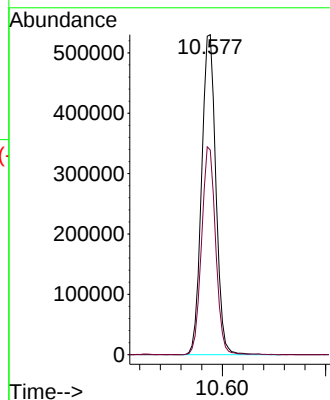
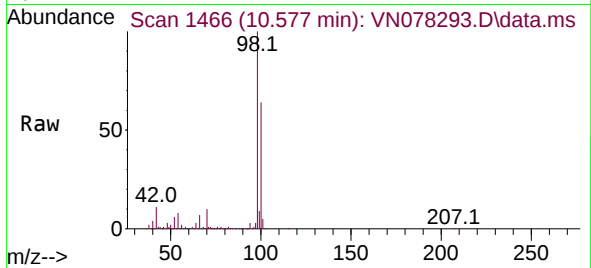




#50
Toluene-d8
Concen: 47.406 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

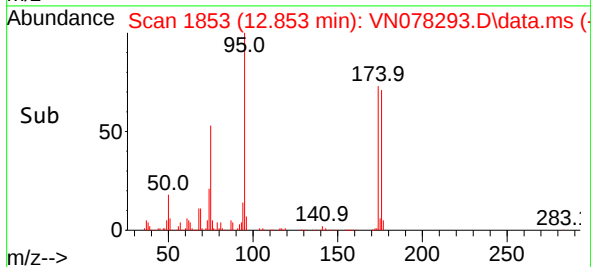
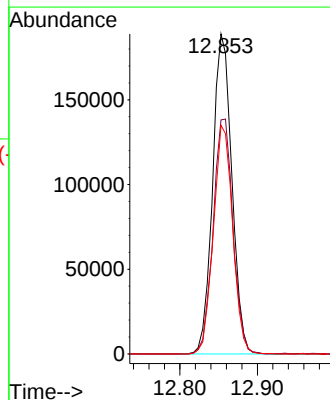
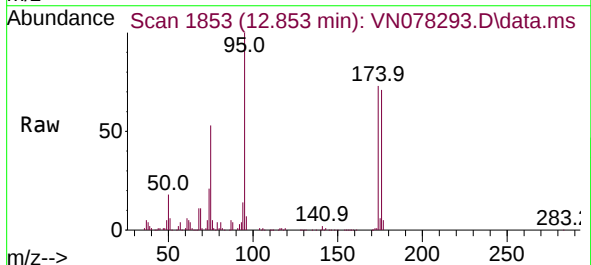
Instrument :
MSVOA_N
ClientSampleId :
WC-14A

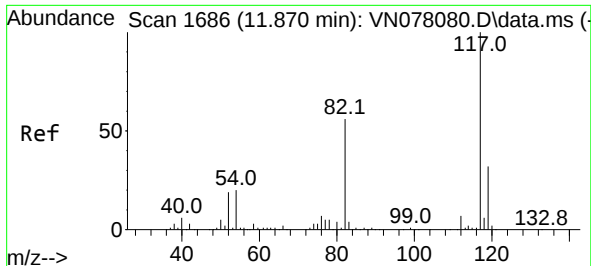
Tgt Ion: 98 Resp: 1013397
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Tgt Ion: 95 Resp: 325179
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.6 0.0 135.8

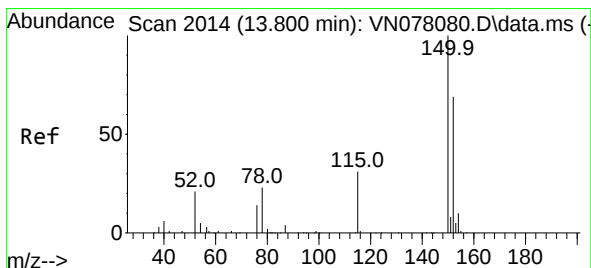
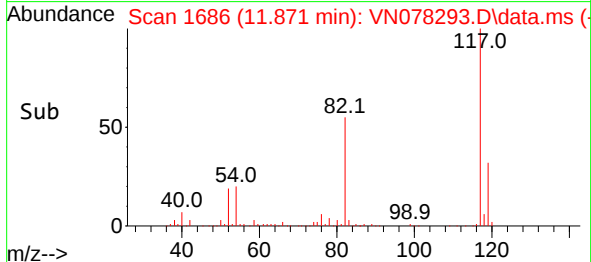
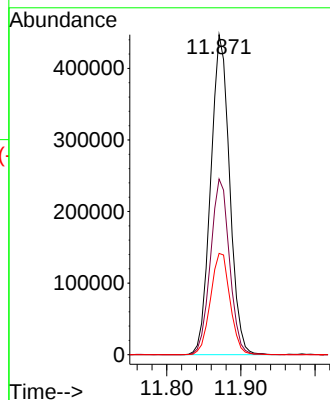
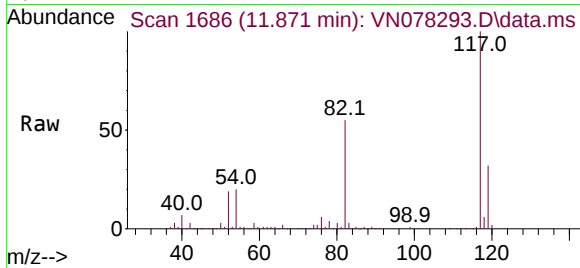




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Instrument :
MSVOA_N
ClientSampleId :
WC-14A

Tgt Ion:117 Resp: 791621
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078293.D
Acq: 19 Jun 2023 21:03

Tgt Ion:152 Resp: 244617
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 155.6 0.0 355.8

