

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077528.D
 Acq On : 29 Apr 2023 18:54
 Operator : JC\MD
 Sample : 02503-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-305A-VOC-02

Quant Time: May 01 01:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

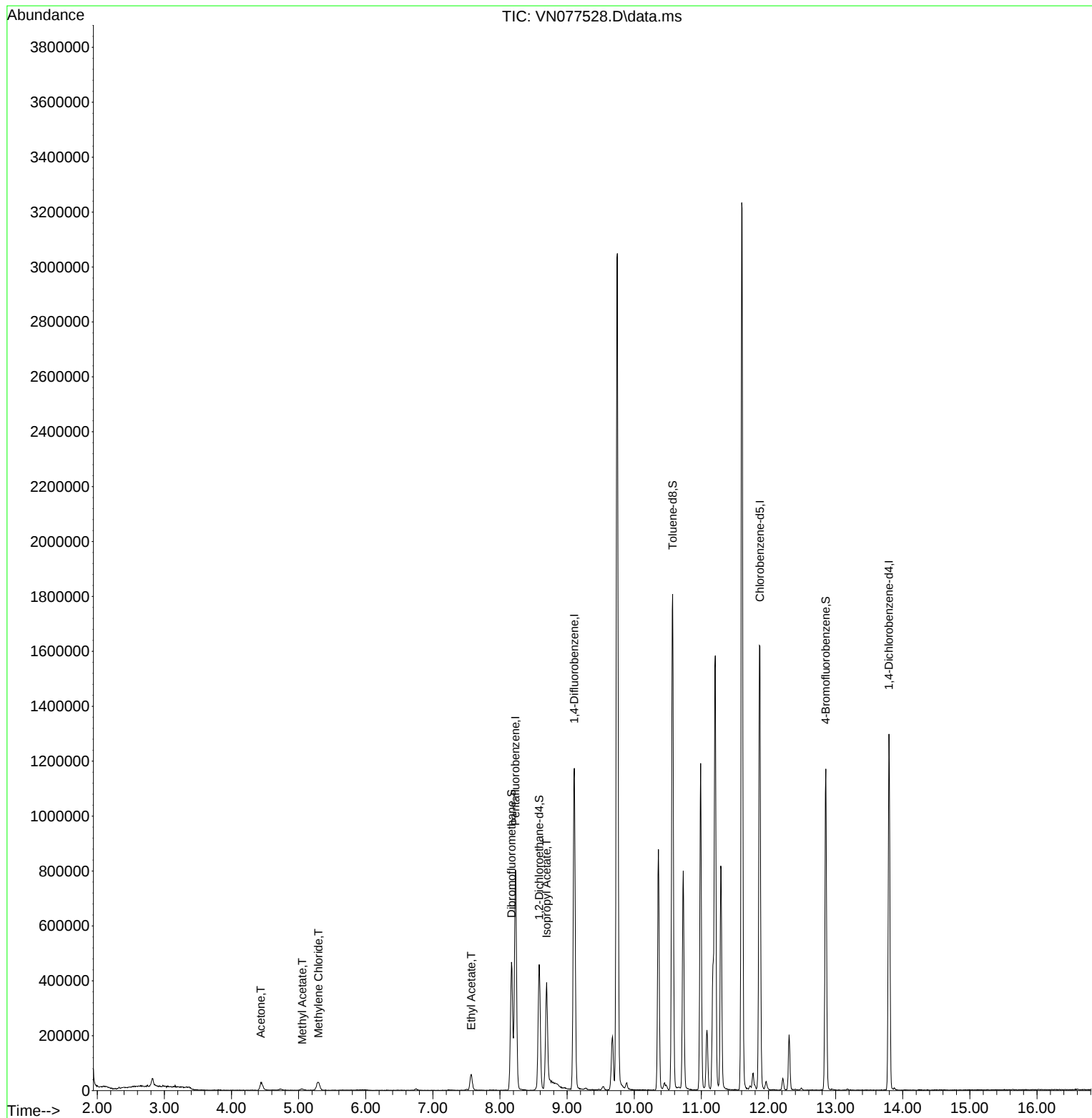
Internal Standards						
1) Pentafluorobenzene	8.231	168	567481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1084662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1018681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	347862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383111	51.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.480%	
35) Dibromofluoromethane	8.172	113	332561	51.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	10.572	98	1337374	53.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.854	95	423350	51.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	52847	22.433	ug/l #	86
18) Methyl Acetate	5.054	43	9607	1.056	ug/l #	82
20) Methylene Chloride	5.295	84	27889	3.733	ug/l	91
37) Ethyl Acetate	7.572	43	80440	11.239	ug/l	98
43) Isopropyl Acetate	8.695	43	431376	34.840	ug/l #	87

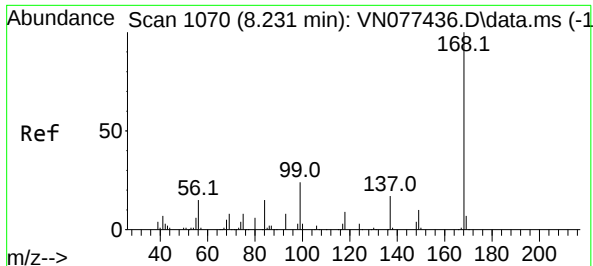
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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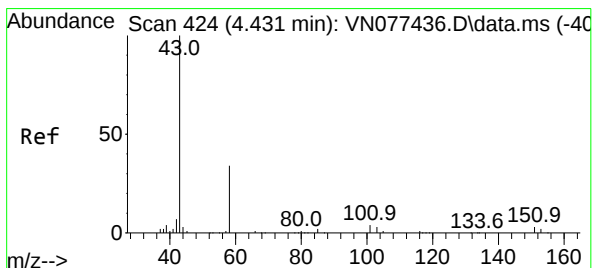
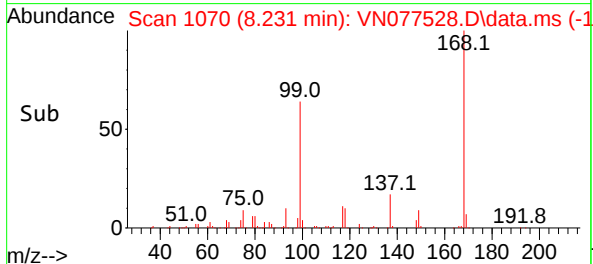
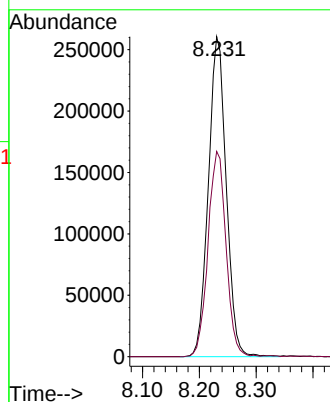
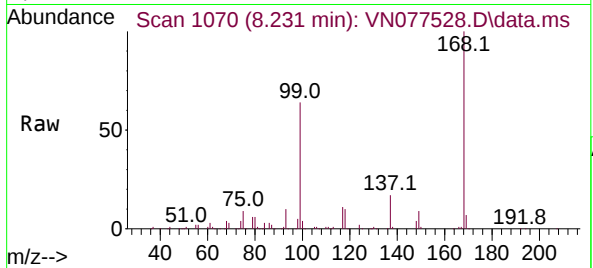




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

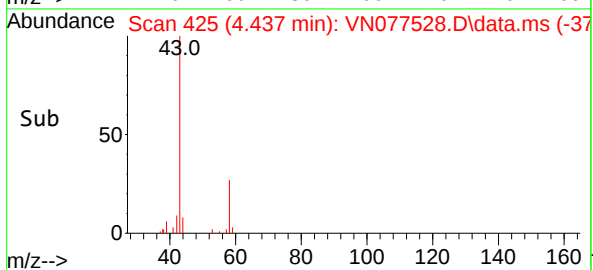
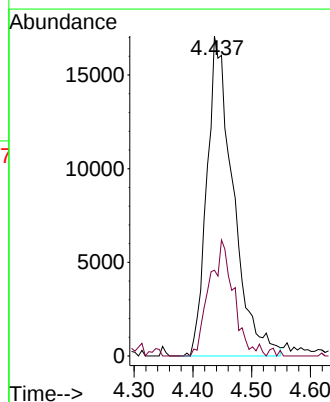
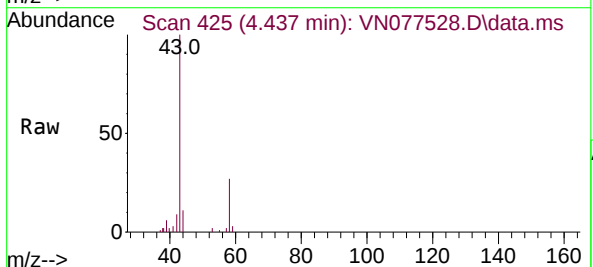
Instrument :
MSVOA_N
ClientSampleId :
TR-305A-VOC-02

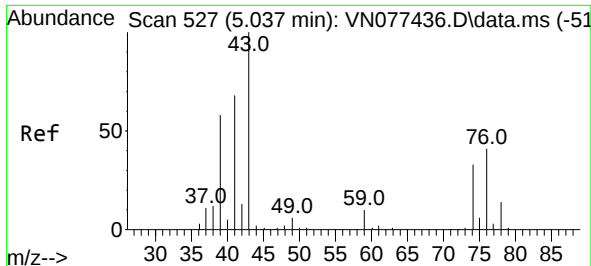
Tgt Ion:168 Resp: 567481
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#16
Acetone
Concen: 22.433 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

Tgt Ion: 43 Resp: 52847
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#





#18

Methyl Acetate

Concen: 1.056 ug/l

RT: 5.054 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN077528.D

Acq: 29 Apr 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

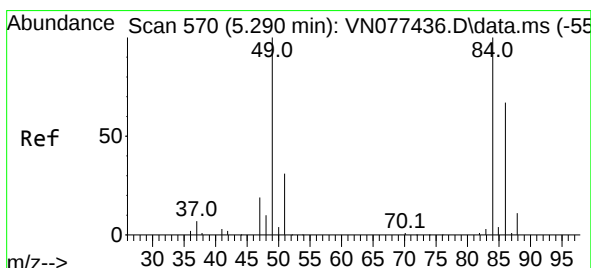
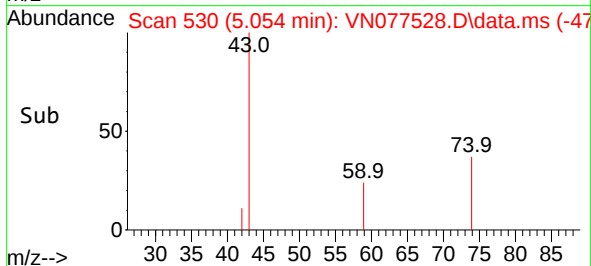
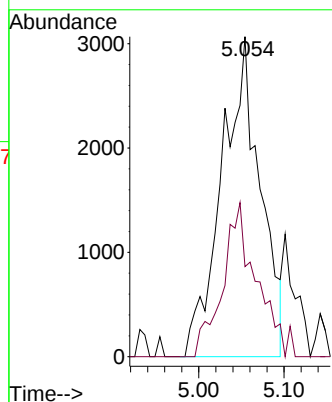
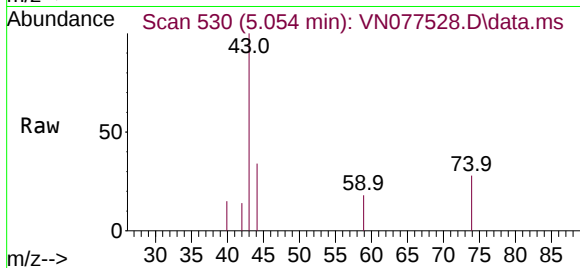
TR-305A-VOC-02

Tgt Ion: 43 Resp: 9607

Ion Ratio Lower Upper

43 100

74 42.8 26.2 39.4#



#20

Methylene Chloride

Concen: 3.733 ug/l

RT: 5.295 min Scan# 571

Delta R.T. 0.006 min

Lab File: VN077528.D

Acq: 29 Apr 2023 18:54

Tgt Ion: 84 Resp: 27889

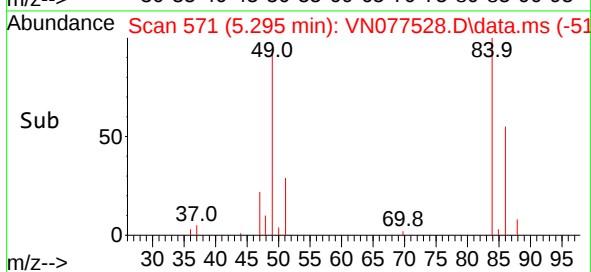
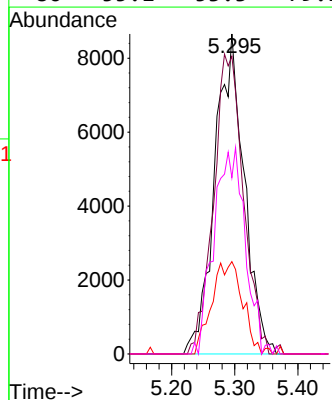
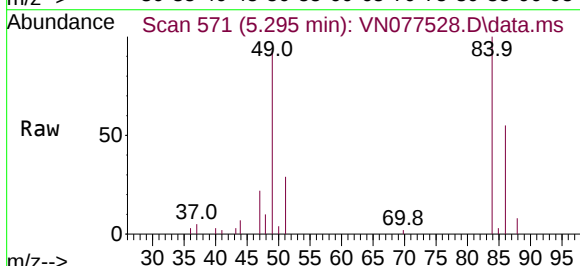
Ion Ratio Lower Upper

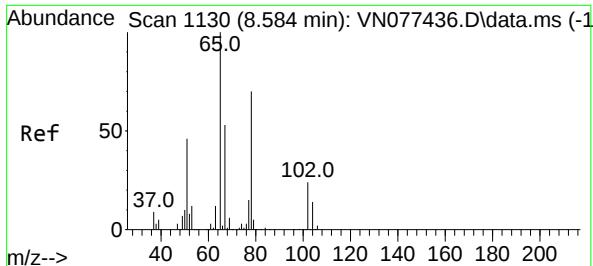
84 100

49 93.0 79.7 119.5

51 28.9 25.2 37.8

86 55.1 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 51.737 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077528.D

Acq: 29 Apr 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

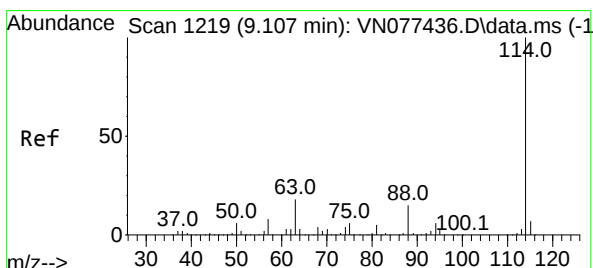
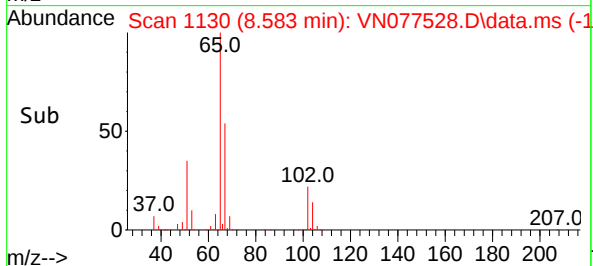
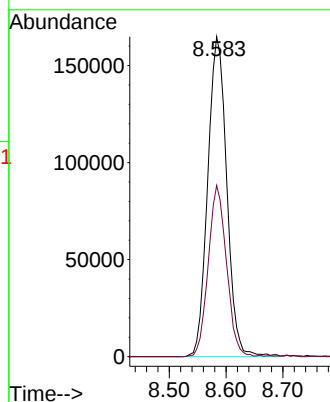
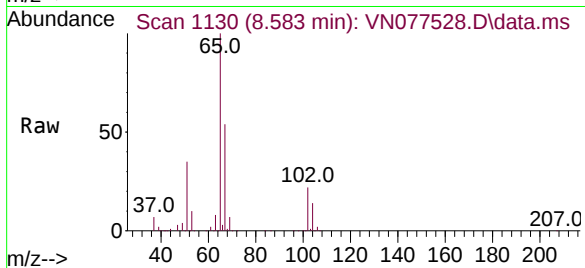
TR-305A-VOC-02

Tgt Ion: 65 Resp: 383111

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077528.D

Acq: 29 Apr 2023 18:54

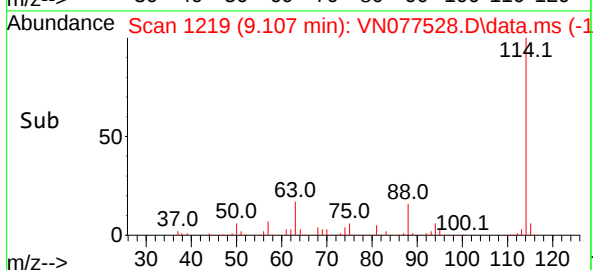
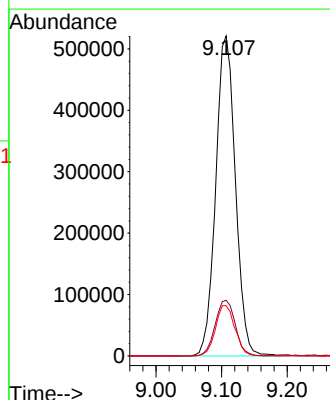
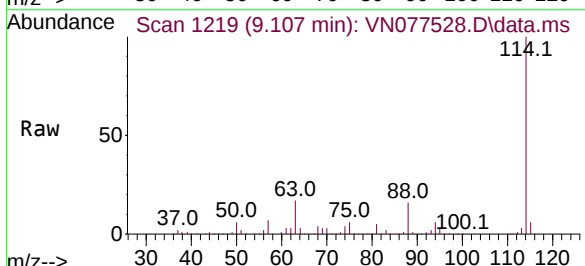
Tgt Ion: 114 Resp: 1084662

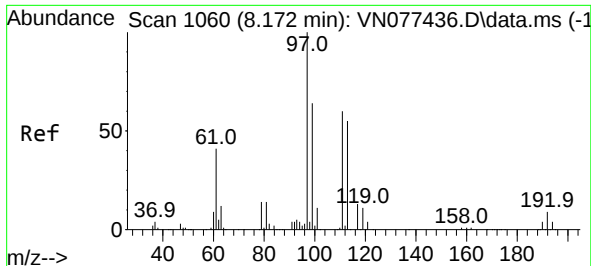
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 15.7 0.0 30.6

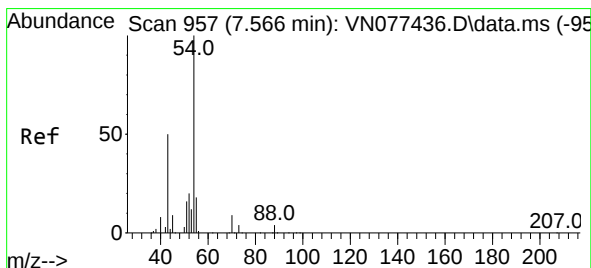
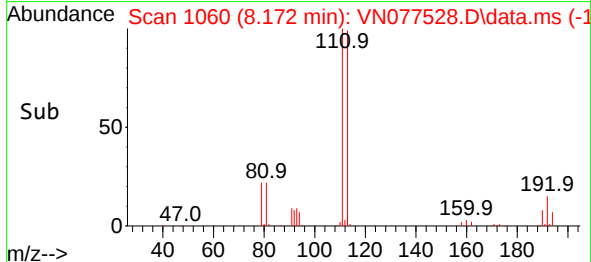
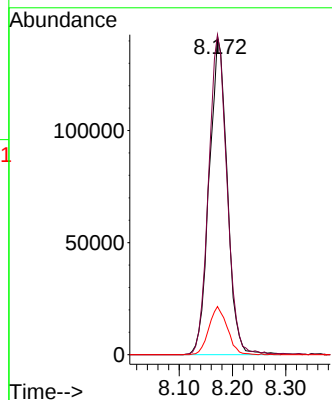
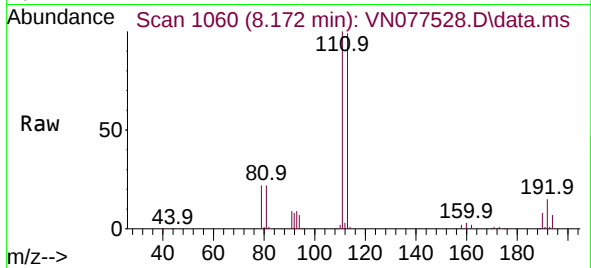




#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

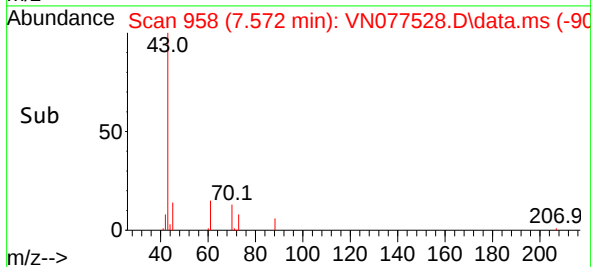
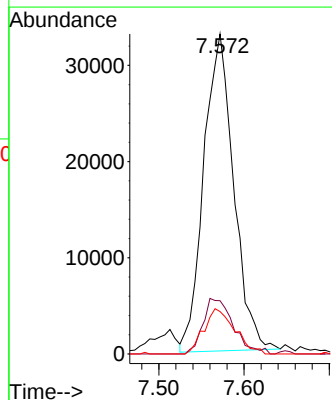
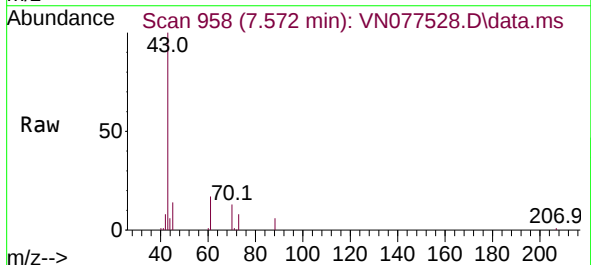
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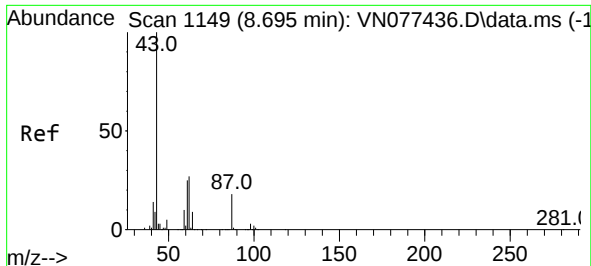
Tgt Ion:113 Resp: 332561
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 15.5 12.7 19.1



#37
Ethyl Acetate
Concen: 11.239 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

Tgt Ion: 43 Resp: 80440
Ion Ratio Lower Upper
43 100
61 17.7 13.2 19.8
70 14.7 11.3 16.9

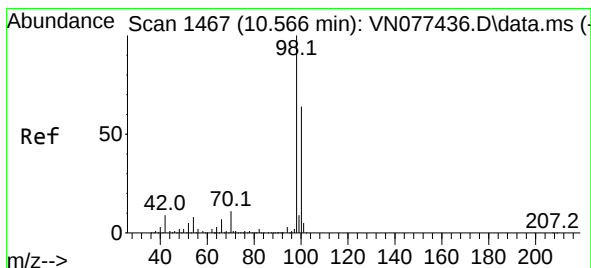
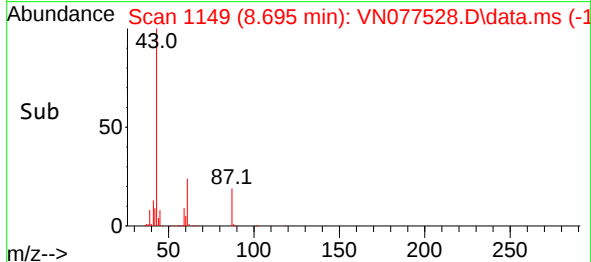
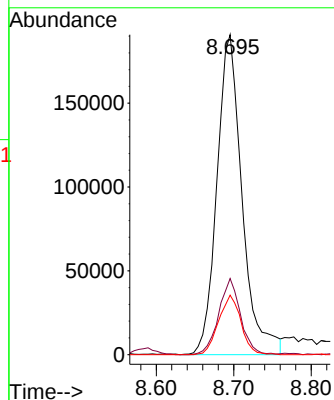
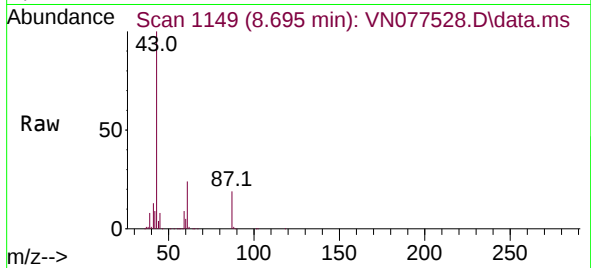




#43
Isopropyl Acetate
Concen: 34.840 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

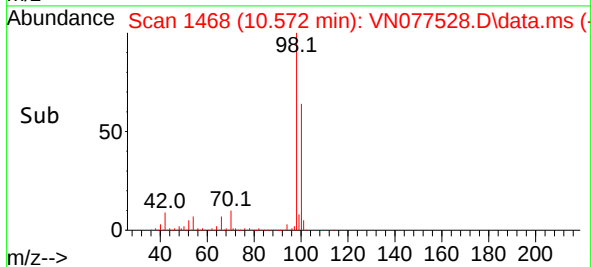
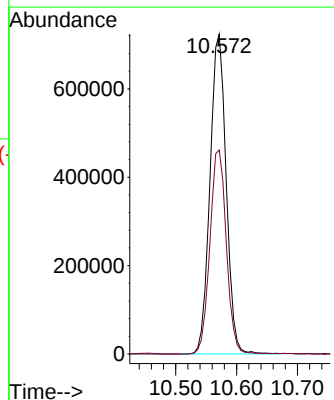
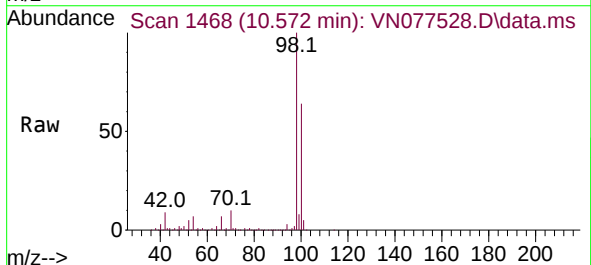
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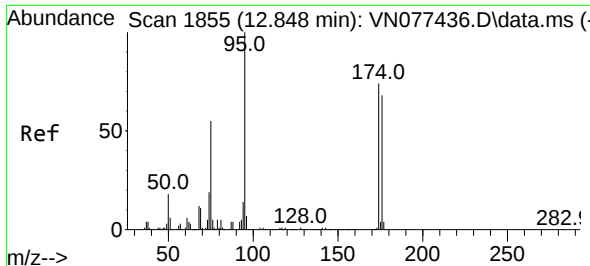
Tgt Ion: 43 Resp: 431376
Ion Ratio Lower Upper
43 100
61 20.6 24.7 37.1#
87 16.5 14.6 21.8



#50
Toluene-d8
Concen: 53.526 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

Tgt Ion: 98 Resp: 1337374
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

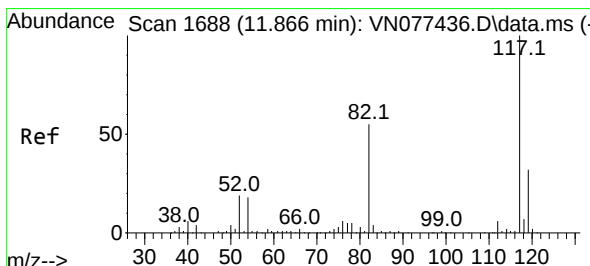
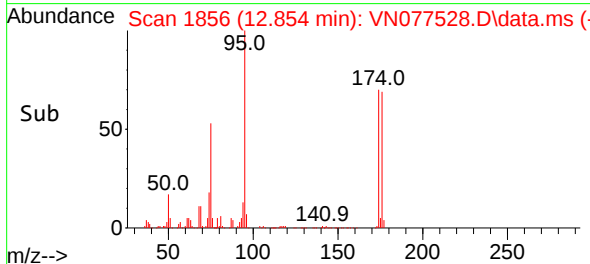
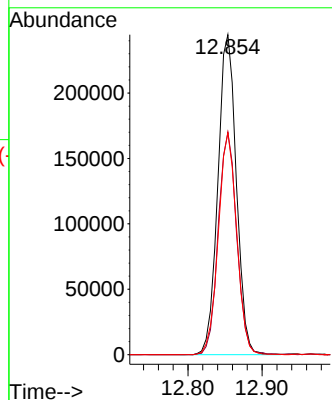
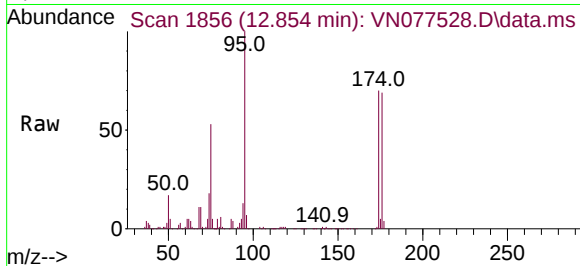




#62
4-Bromofluorobenzene
Concen: 51.788 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

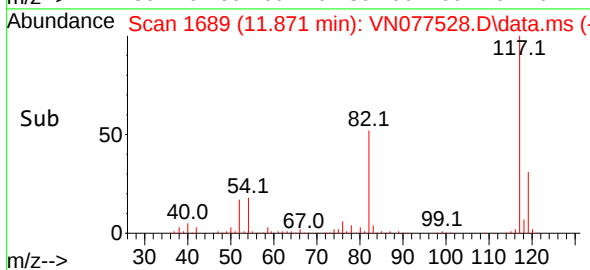
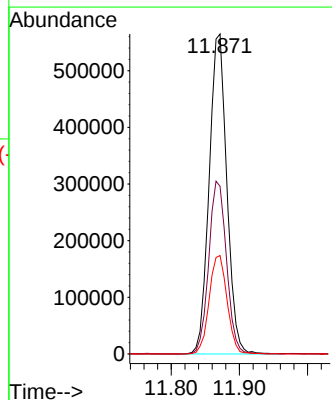
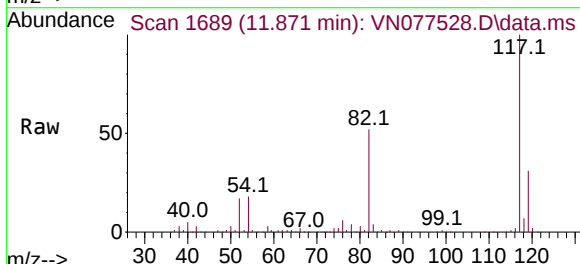
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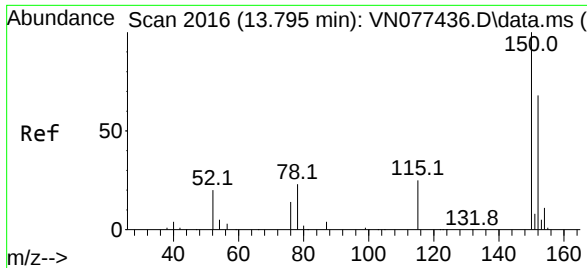
Tgt Ion: 95 Resp: 423350
Ion Ratio Lower Upper
95 100
174 69.3 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077528.D
Acq: 29 Apr 2023 18:54

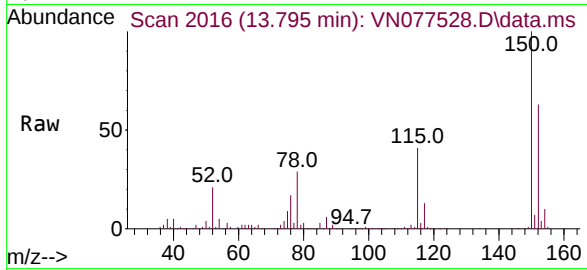
Tgt Ion: 117 Resp: 1018681
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077528.D
 Acq: 29 Apr 2023 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-305A-VOC-02



Tgt Ion:152 Resp: 347862
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 159.0 0.0 355.8

