

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077529.D
 Acq On : 29 Apr 2023 19:18
 Operator : JC\MD
 Sample : 02503-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-305A-VOC-03

Quant Time: May 01 01:25:53 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)

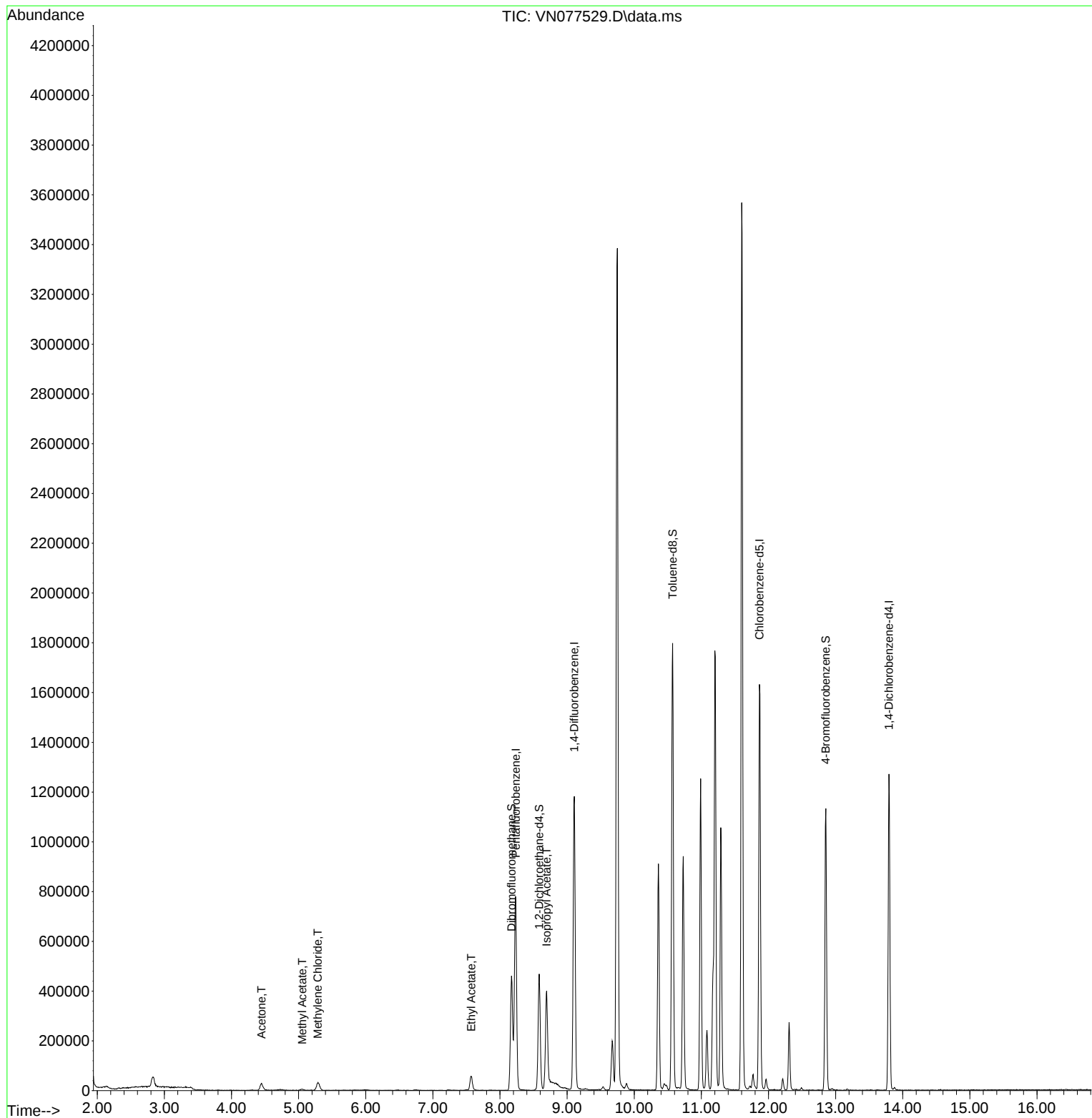
Internal Standards						
1) Pentafluorobenzene	8.236	168	561097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1097401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1022594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	350193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	380697	51.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.000%			
35) Dibromofluoromethane	8.172	113	336357	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	10.572	98	1340531	53.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.854	95	417869	50.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.040%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	50744	21.785	ug/l	92
18) Methyl Acetate	5.054	43	10061	1.118	ug/l #	73
20) Methylene Chloride	5.284	84	28479	3.855	ug/l #	80
37) Ethyl Acetate	7.572	43	89888	12.414	ug/l	98
43) Isopropyl Acetate	8.695	43	451655	36.055	ug/l #	87

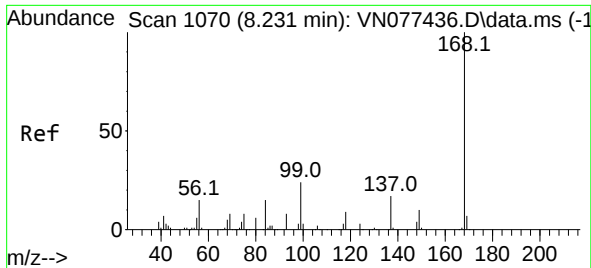
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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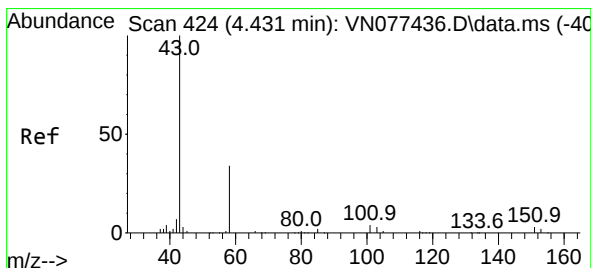
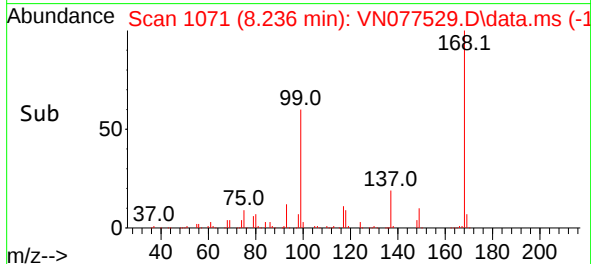
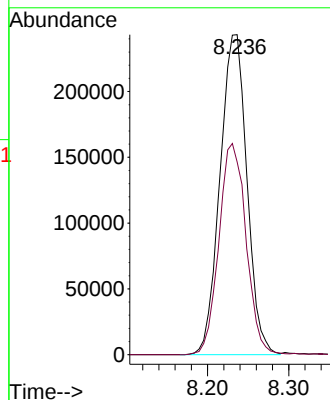
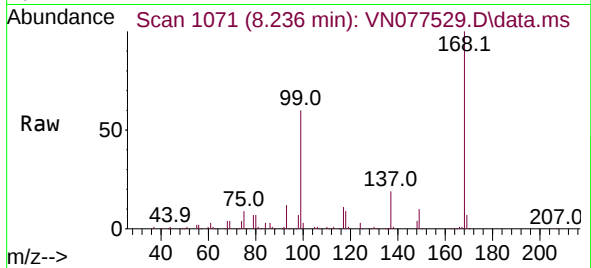




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

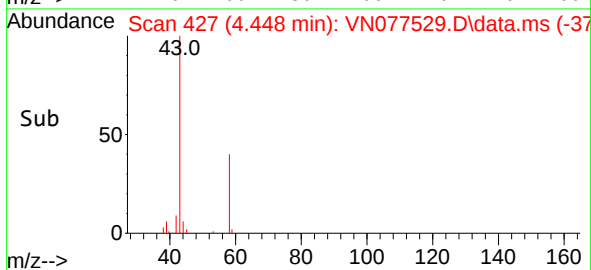
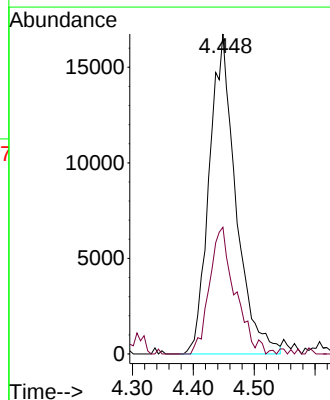
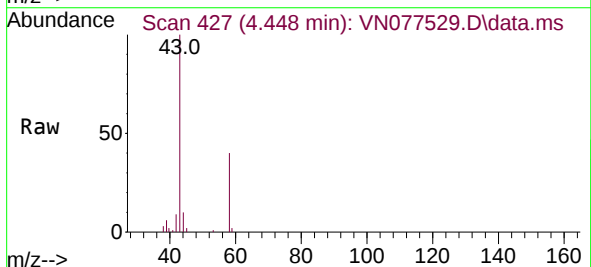
Instrument :
MSVOA_N
ClientSampleId :
TR-305A-VOC-03

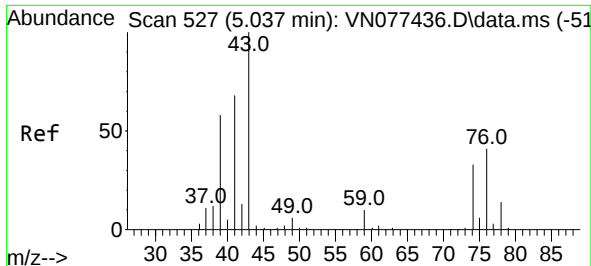
Tgt Ion:168 Resp: 561097
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 21.785 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

Tgt Ion: 43 Resp: 50744
Ion Ratio Lower Upper
43 100
58 39.6 28.0 42.0

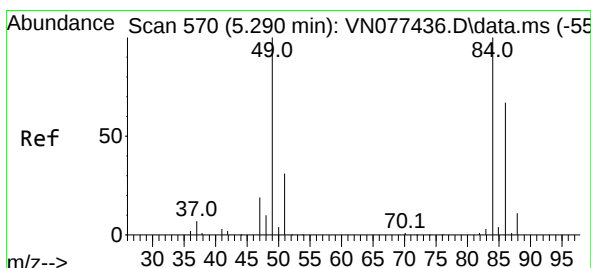
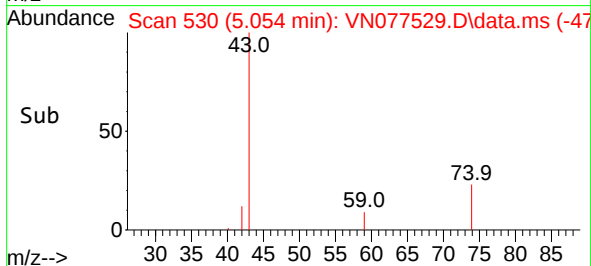
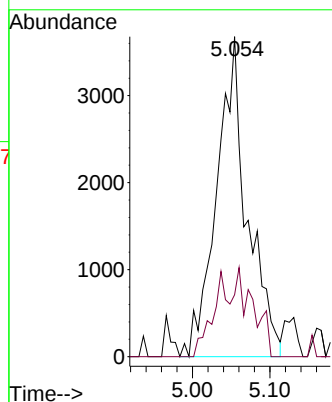
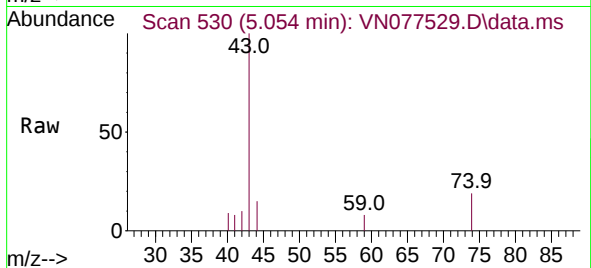




#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 5.054 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

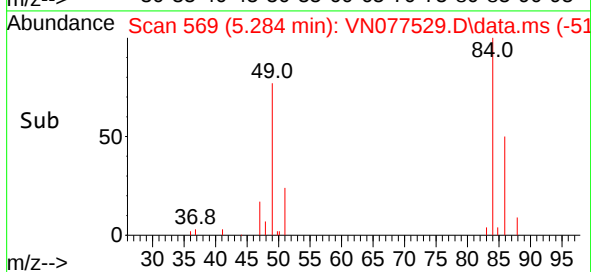
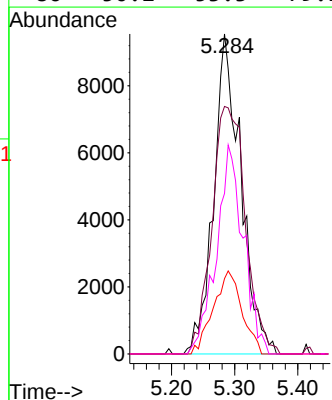
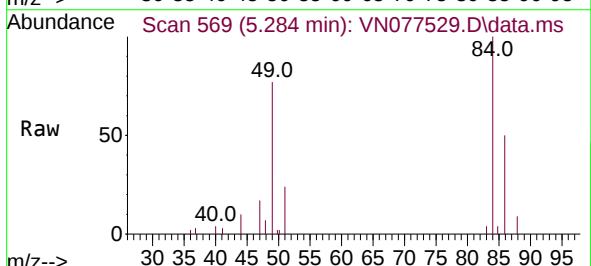
Instrument :
MSVOA_N
ClientSampleId :
TR-305A-VOC-03

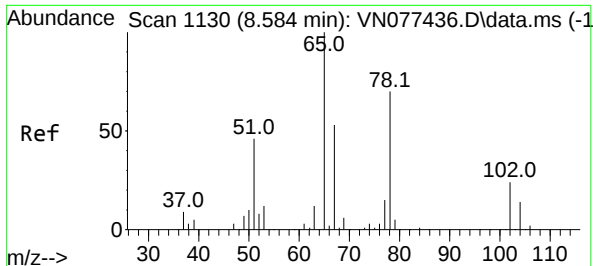
Tgt Ion: 43 Resp: 10061
Ion Ratio Lower Upper
43 100
74 17.4 26.2 39.4#



#20
Methylene Chloride
Concen: 3.855 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

Tgt Ion: 84 Resp: 28479
Ion Ratio Lower Upper
84 100
49 77.3 79.7 119.5#
51 23.6 25.2 37.8#
86 50.2 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 51.996 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077529.D

Acq: 29 Apr 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

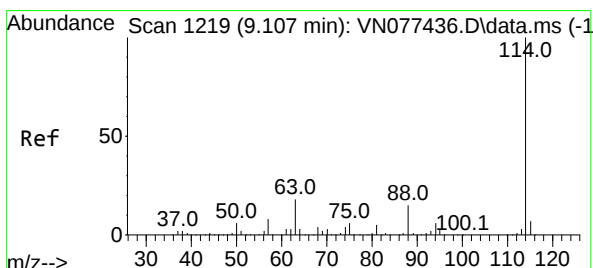
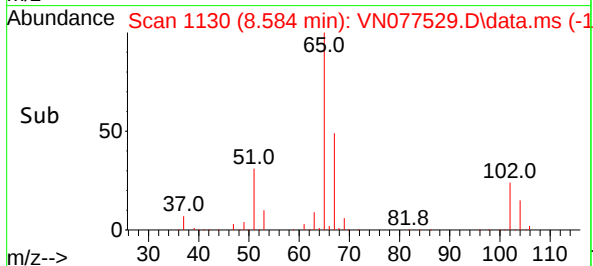
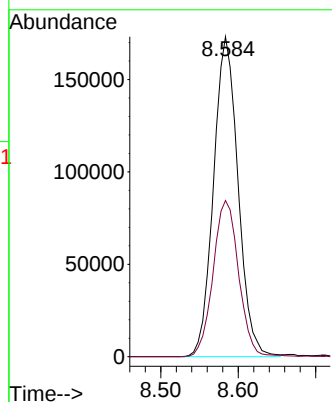
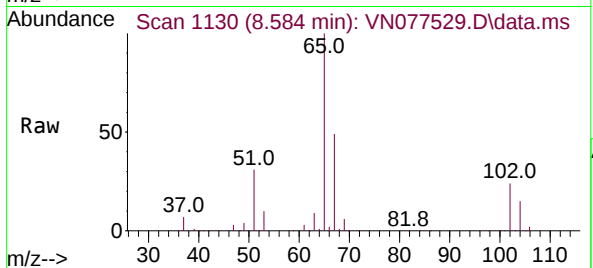
TR-305A-VOC-03

Tgt Ion: 65 Resp: 380697

Ion Ratio Lower Upper

65 100

67 50.8 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: VN077529.D

Acq: 29 Apr 2023 19:18

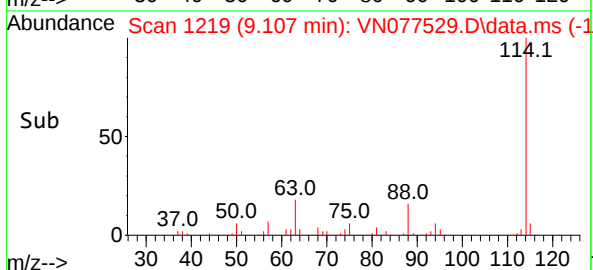
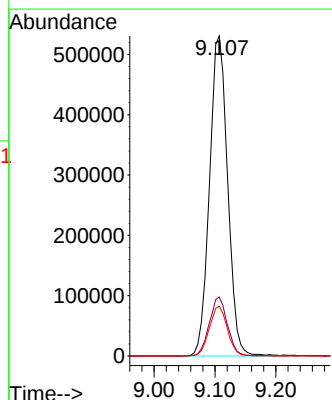
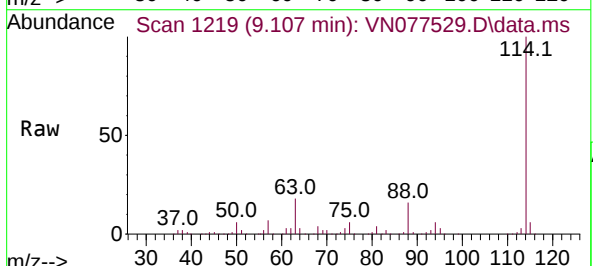
Tgt Ion: 114 Resp: 1097401

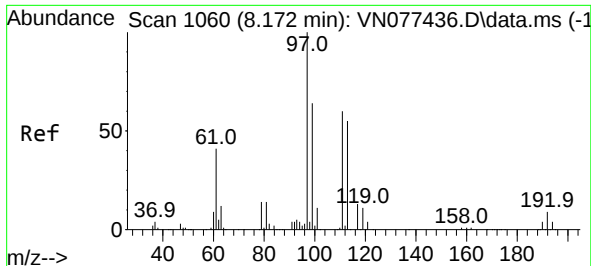
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.5 0.0 30.6

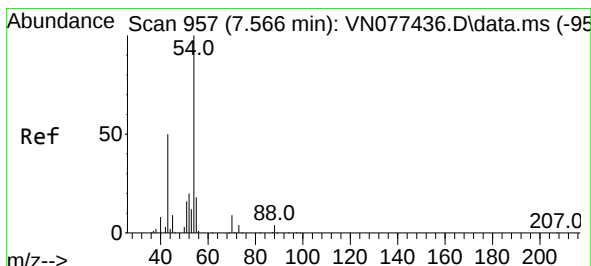
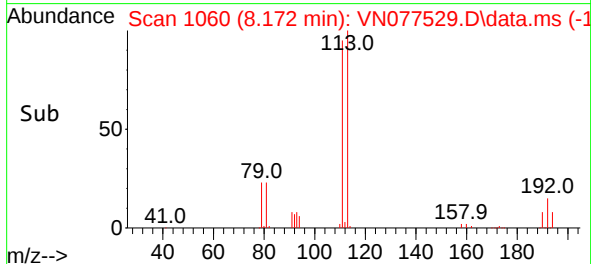
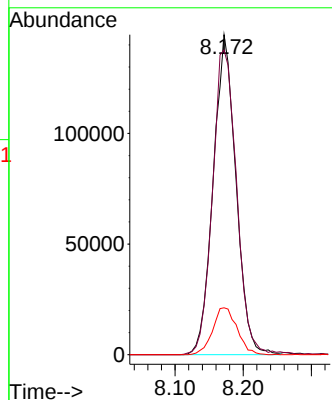
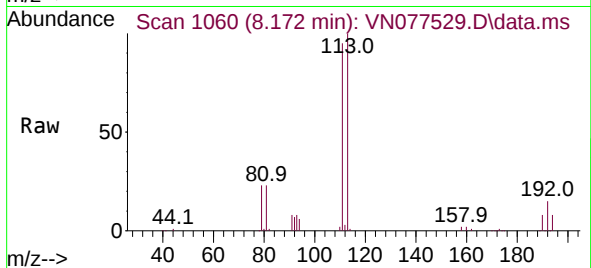




#35
 Dibromofluoromethane
 Concen: 50.995 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN077529.D
 Acq: 29 Apr 2023 19:18

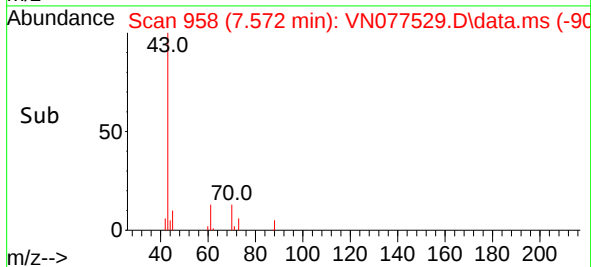
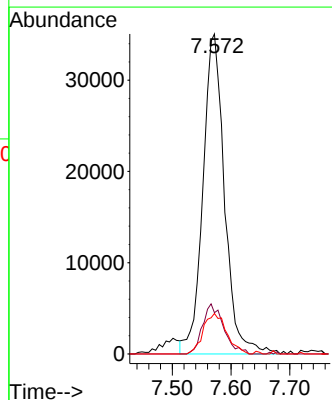
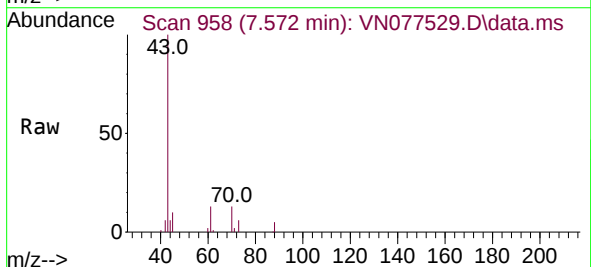
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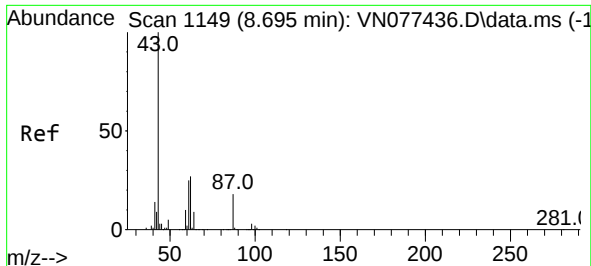
Tgt Ion:113 Resp: 336357
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.6 123.8
 192 15.7 12.7 19.1



#37
 Ethyl Acetate
 Concen: 12.414 ug/l
 RT: 7.572 min Scan# 958
 Delta R.T. 0.006 min
 Lab File: VN077529.D
 Acq: 29 Apr 2023 19:18

Tgt Ion: 43 Resp: 89888
 Ion Ratio Lower Upper
 43 100
 61 15.2 13.2 19.8
 70 13.6 11.3 16.9

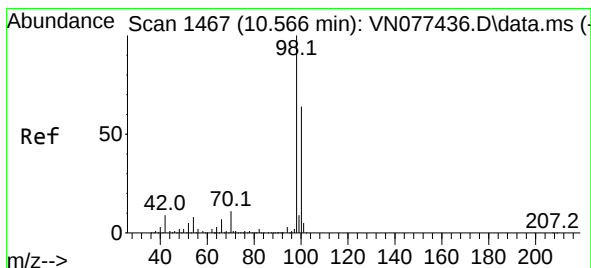
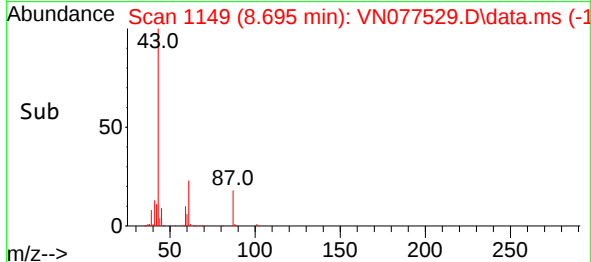
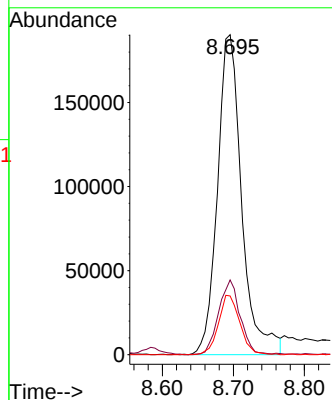
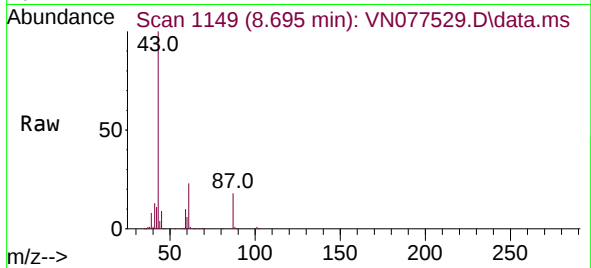




#43
Isopropyl Acetate
Concen: 36.055 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

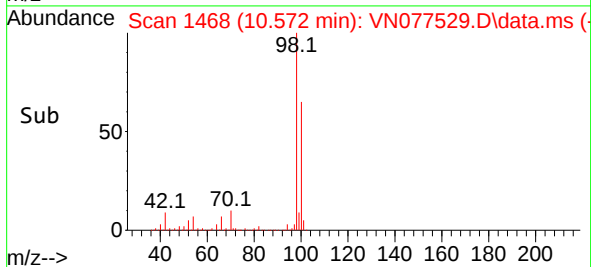
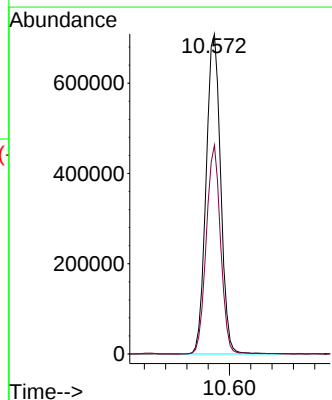
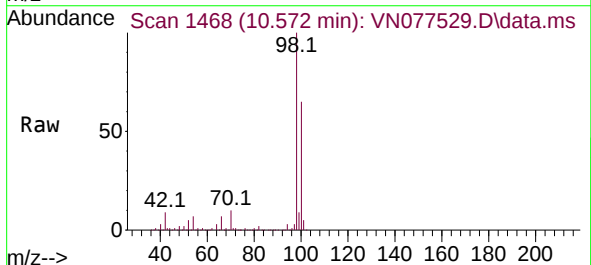
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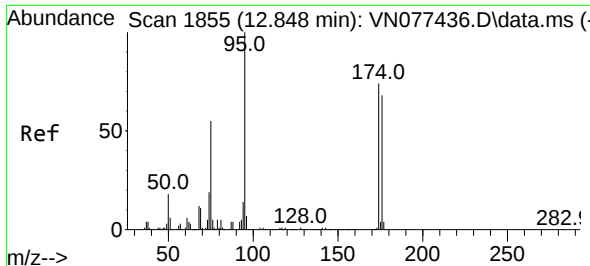
Tgt Ion: 43 Resp: 451655
Ion Ratio Lower Upper
43 100
61 20.7 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

Tgt Ion: 98 Resp: 1340531
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

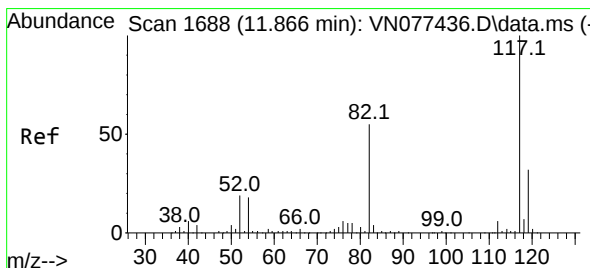
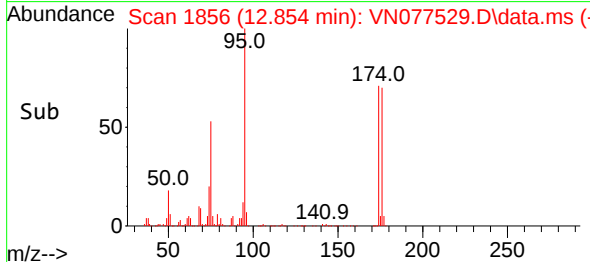
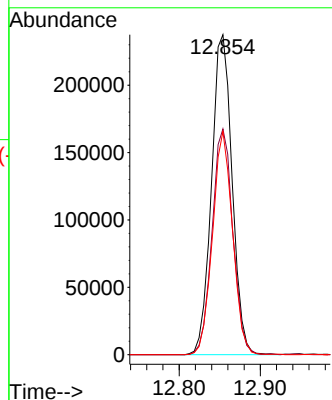
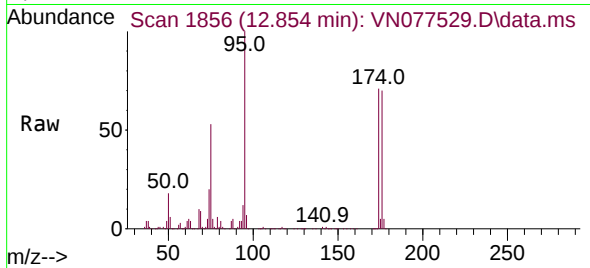




#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

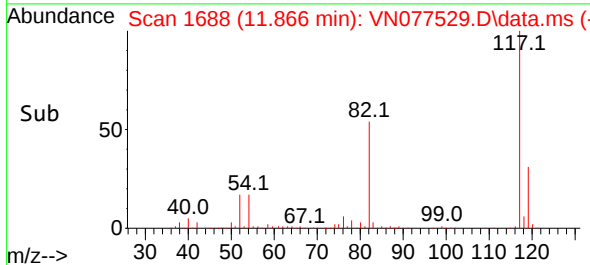
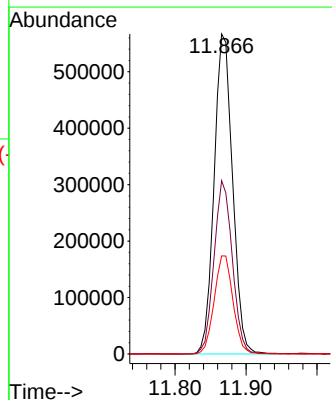
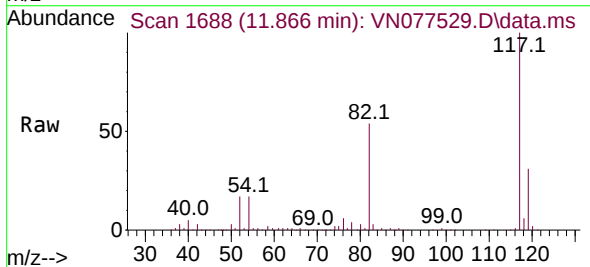
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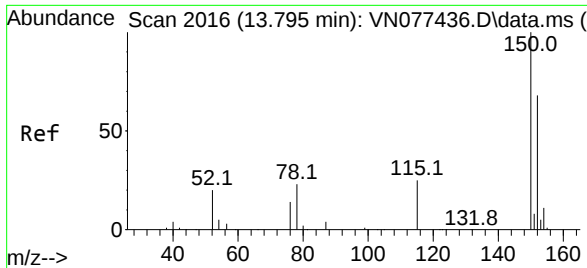
Tgt Ion: 95 Resp: 417869
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 67.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077529.D
Acq: 29 Apr 2023 19:18

Tgt Ion: 117 Resp: 1022594
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 30.6 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: VN077529.D

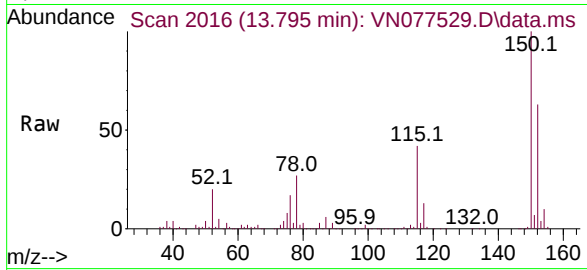
Acq: 29 Apr 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

TR-305A-VOC-03



Tgt Ion:152 Resp: 350193

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 158.0 0.0 355.8

