

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077311.D
 Acq On : 12 Apr 2023 12:41
 Operator : JC\MD
 Sample : PB152053TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152053TB

Quant Time: Apr 13 01:12:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

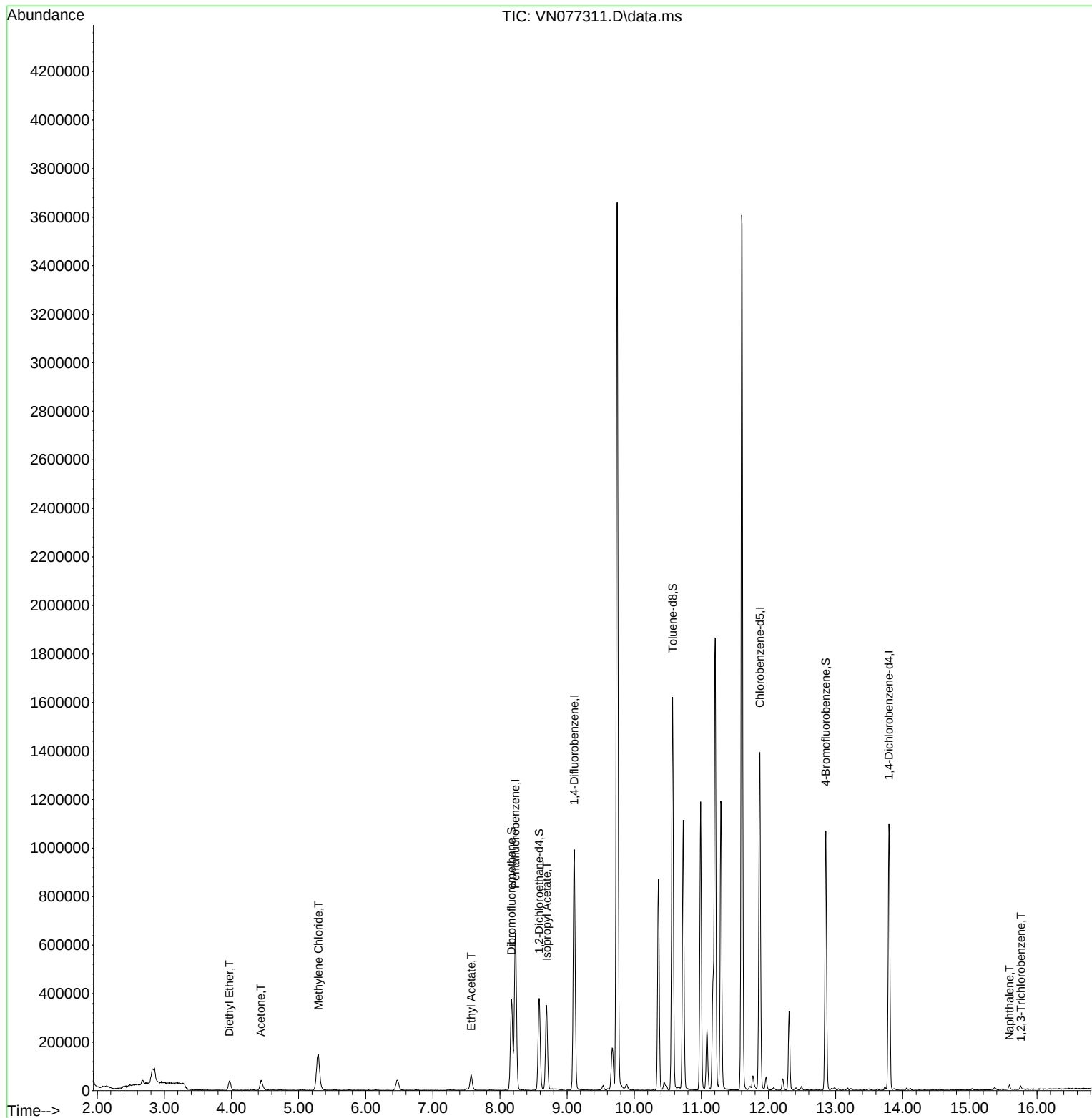
Internal Standards						
1) Pentafluorobenzene	8.230	168	476978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	902231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	844828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	302064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	292026	44.796	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.600%
35) Dibromofluoromethane	8.172	113	266962	46.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	10.572	98	1147813	49.365	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.854	95	374410	48.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.966	74	26152	7.036	ug/l	99
16) Acetone	4.437	43	74173	30.859	ug/l	98
20) Methylene Chloride	5.295	84	134546	19.821	ug/l	97
37) Ethyl Acetate	7.572	43	90583	11.852	ug/l	98
43) Isopropyl Acetate	8.695	43	387146	27.451	ug/l #	92
95) Naphthalene	15.589	128	15042	1.005	ug/l	96
96) 1,2,3-Trichlorobenzene	15.759	180	3916	1.027	ug/l	93

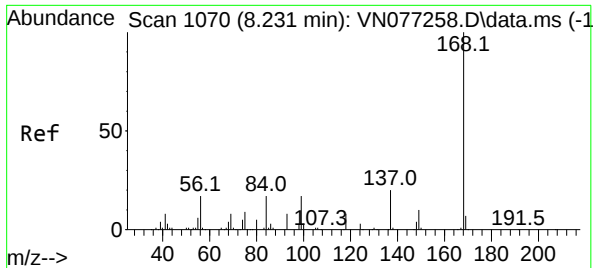
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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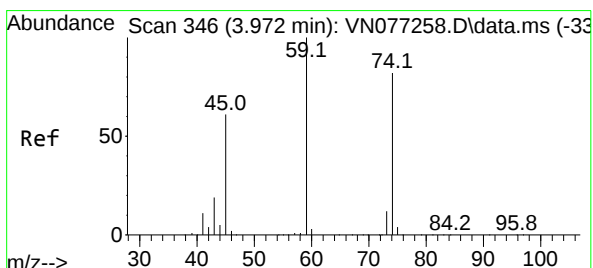
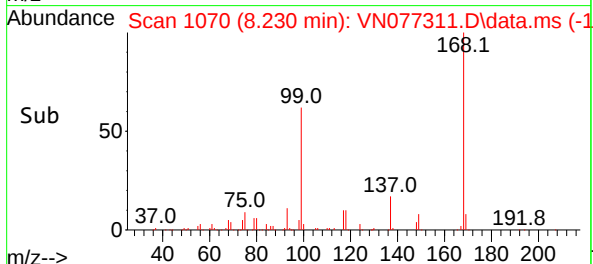
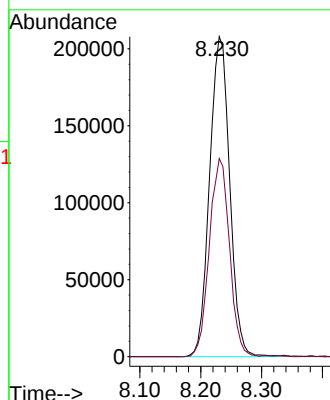
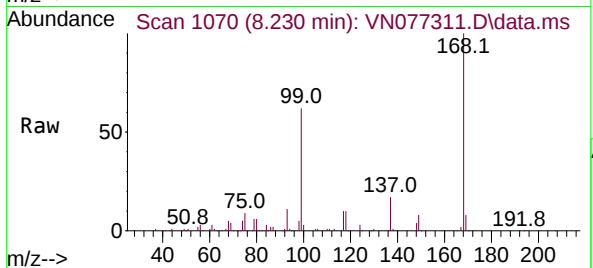




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

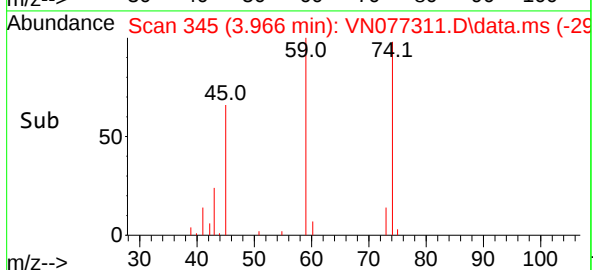
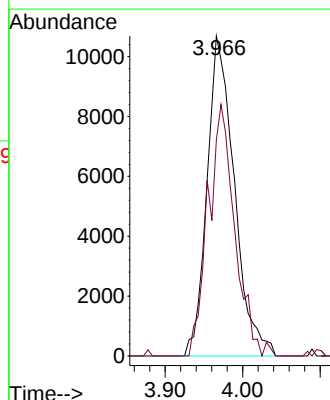
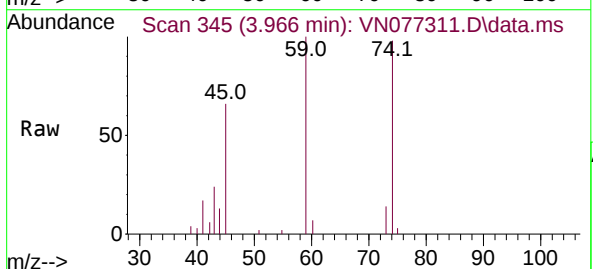
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

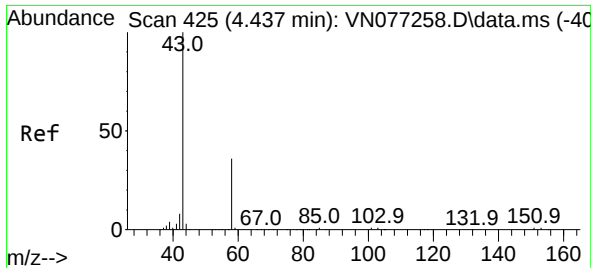
Tgt Ion:168 Resp: 476978
Ion Ratio Lower Upper
168 100
99 61.9 50.6 75.8



#8
Diethyl Ether
Concen: 7.036 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 74 Resp: 26152
Ion Ratio Lower Upper
74 100
45 76.1 37.8 113.4

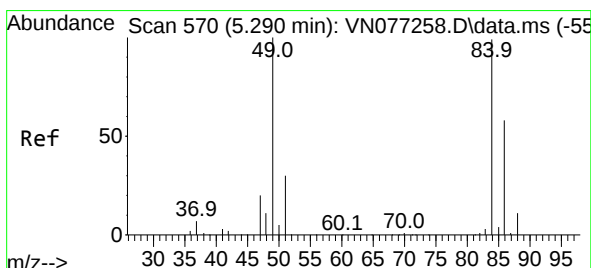
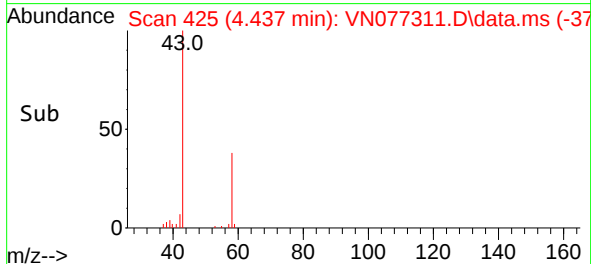
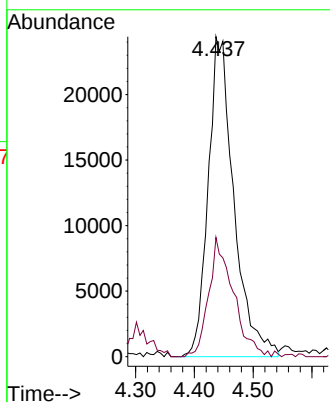
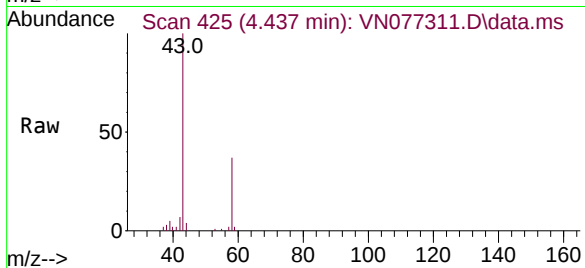




#16
Acetone
Concen: 30.859 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

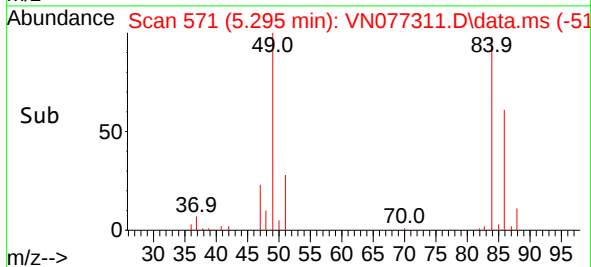
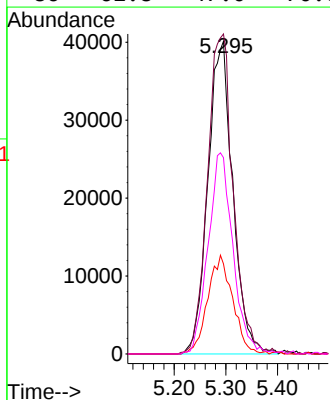
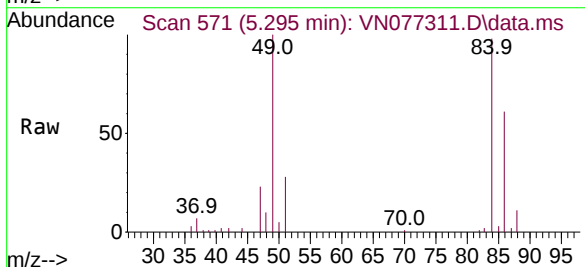
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

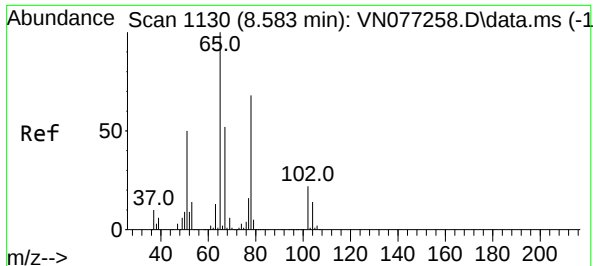
Tgt Ion: 43 Resp: 74173
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.6



#20
Methylene Chloride
Concen: 19.821 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 84 Resp: 134546
Ion Ratio Lower Upper
84 100
49 102.4 80.6 121.0
51 28.8 24.4 36.6
86 62.8 47.0 70.6





#33

1,2-Dichloroethane-d4

Concen: 44.796 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

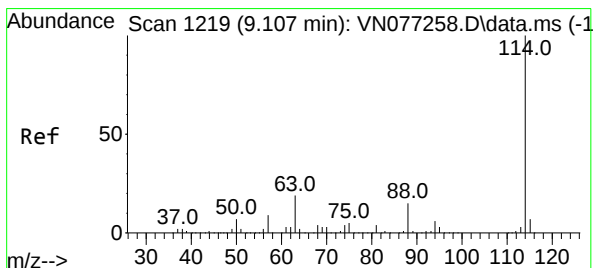
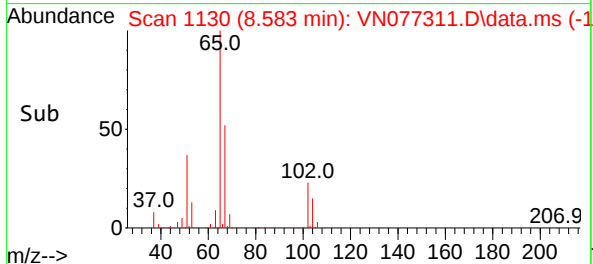
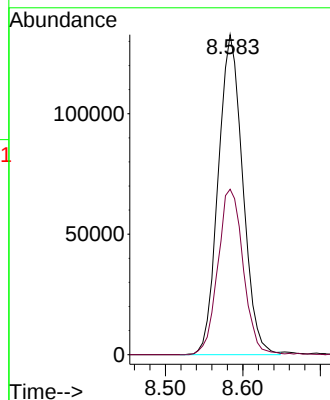
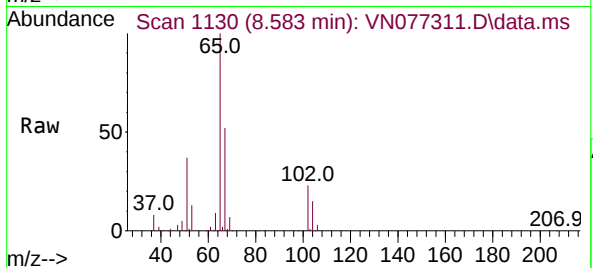
PB152053TB

Tgt Ion: 65 Resp: 292026

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

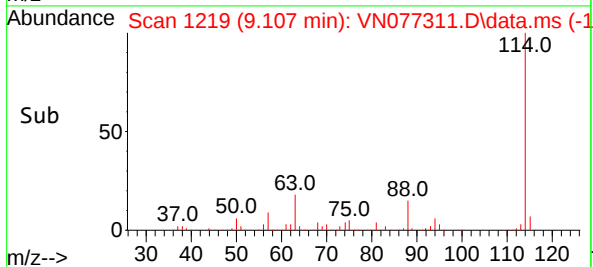
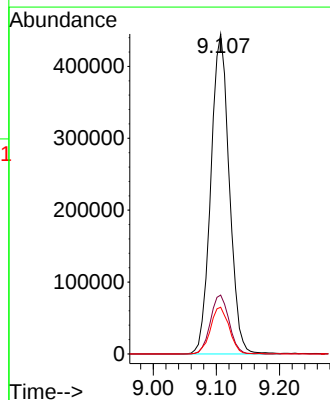
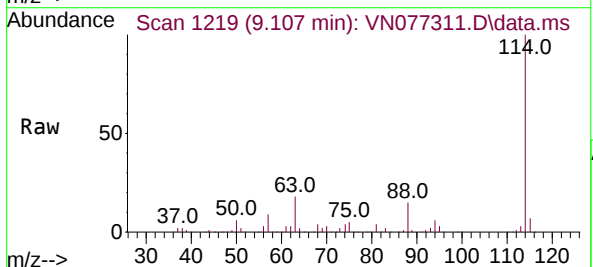
Tgt Ion: 114 Resp: 902231

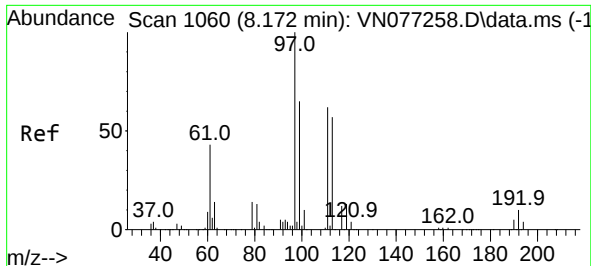
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.221 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB152053TB

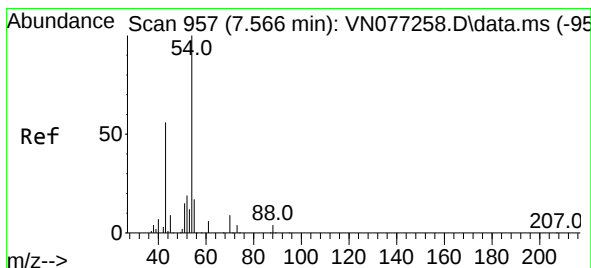
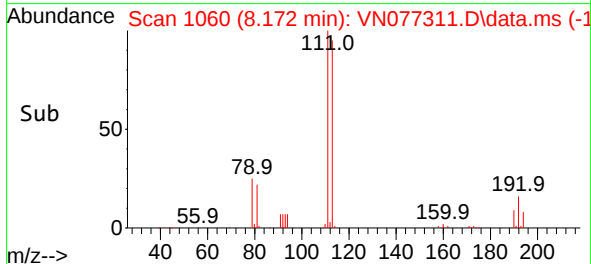
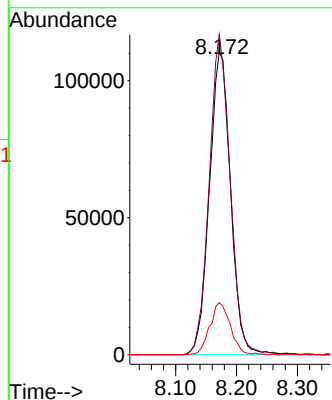
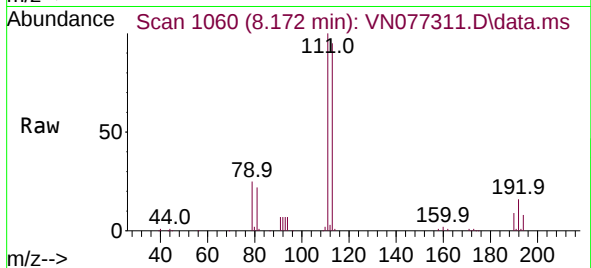
Tgt Ion:113 Resp: 266962

Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.0

192 16.5 13.5 20.3



#37

Ethyl Acetate

Concen: 11.852 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

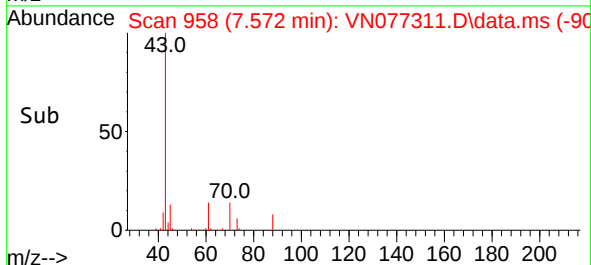
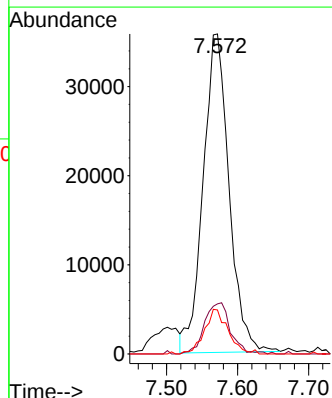
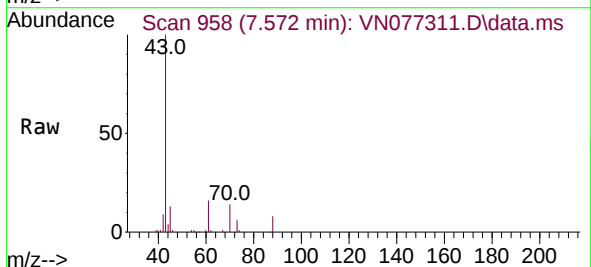
Tgt Ion: 43 Resp: 90583

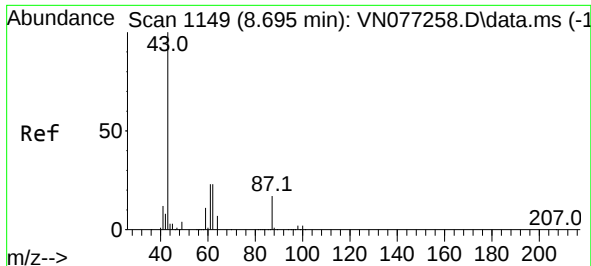
Ion Ratio Lower Upper

43 100

61 16.2 12.2 18.2

70 12.9 10.0 15.0

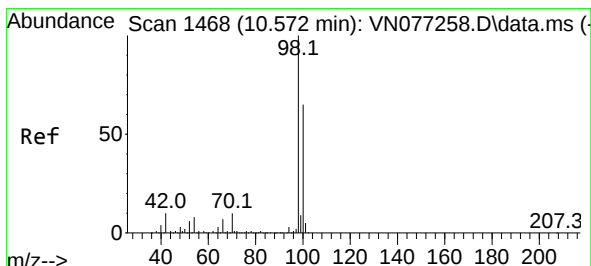
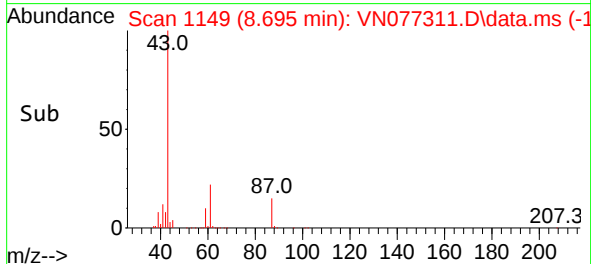
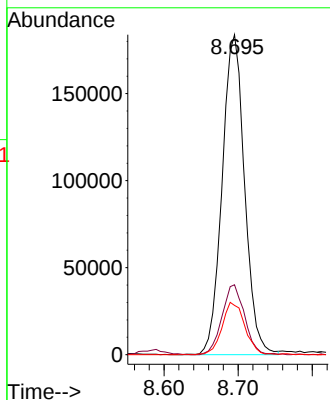
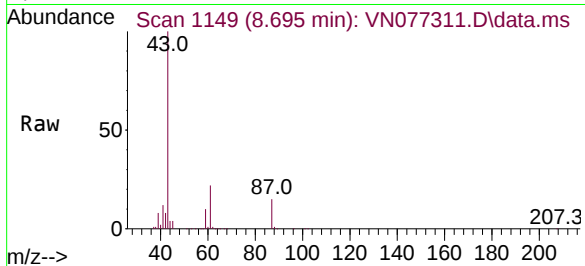




#43
Isopropyl Acetate
Concen: 27.451 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

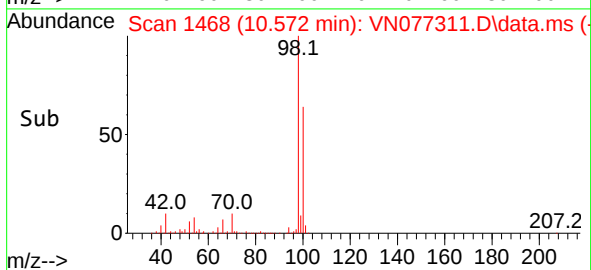
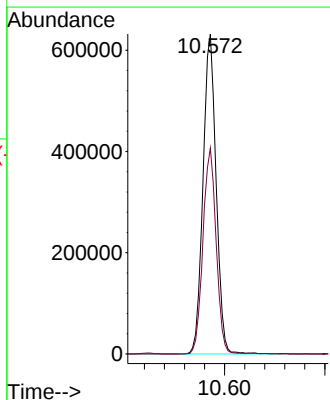
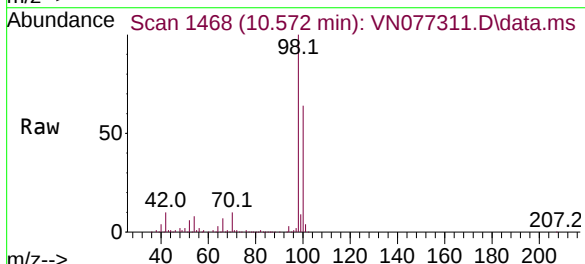
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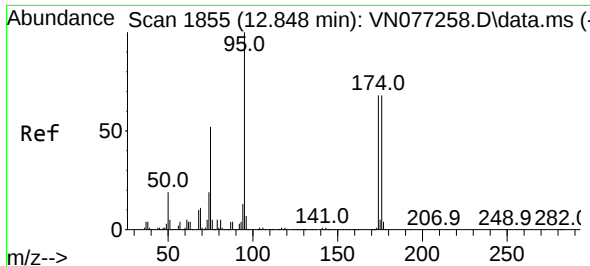
Tgt Ion: 43 Resp: 387146
Ion Ratio Lower Upper
43 100
61 22.0 22.7 34.1#
87 16.5 13.6 20.4



#50
Toluene-d8
Concen: 49.365 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 98 Resp: 1147813
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

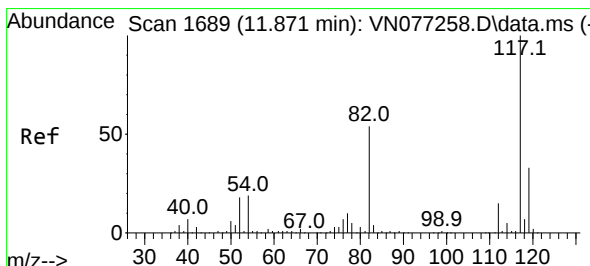
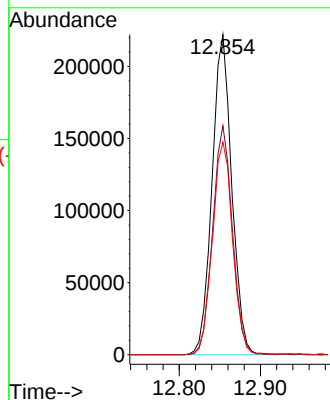
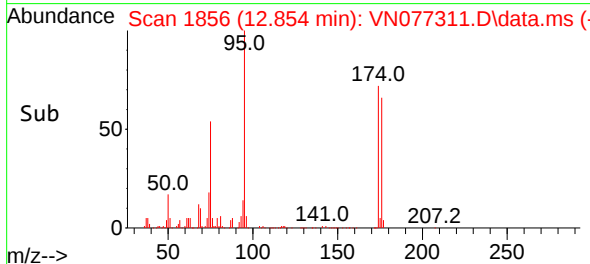
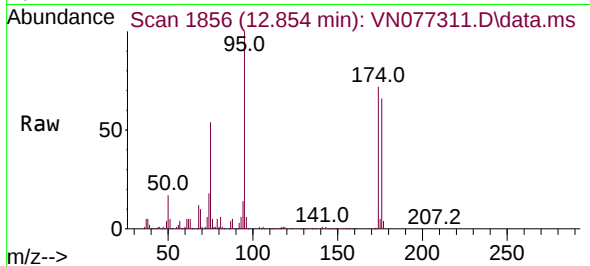




#62
4-Bromofluorobenzene
Concen: 48.416 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

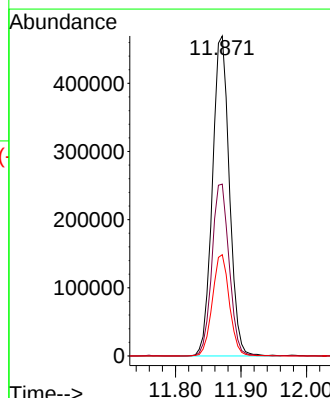
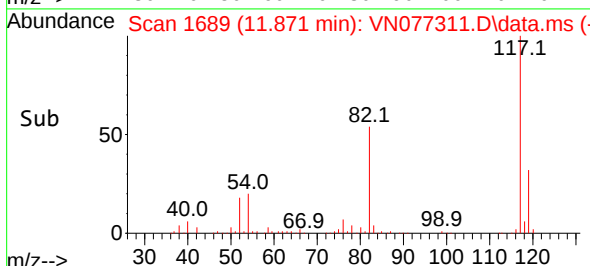
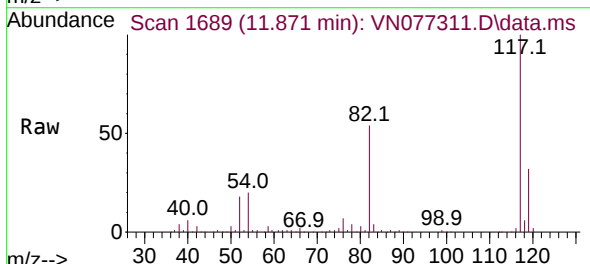
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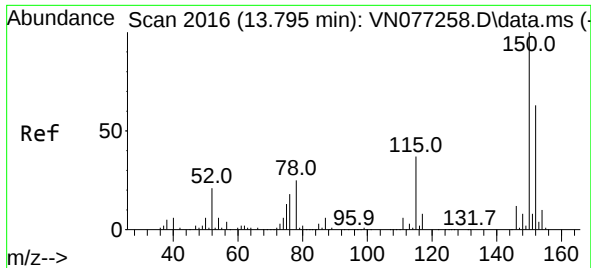
Tgt Ion: 95 Resp: 374410
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.8
176 68.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 117 Resp: 844828
Ion Ratio Lower Upper
117 100
82 53.7 42.9 64.3
119 31.6 26.2 39.4

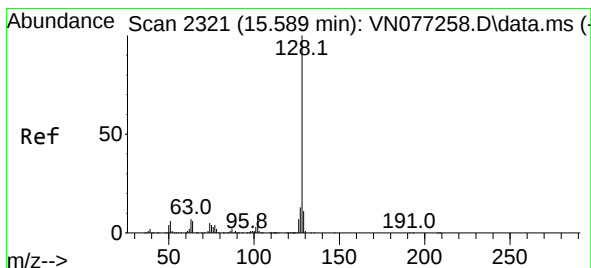
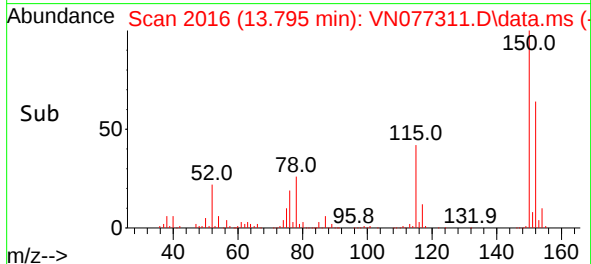
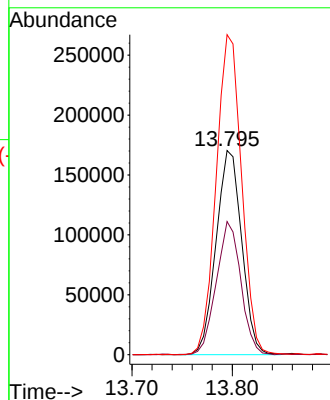
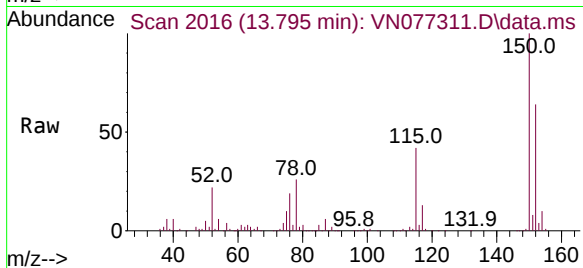




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

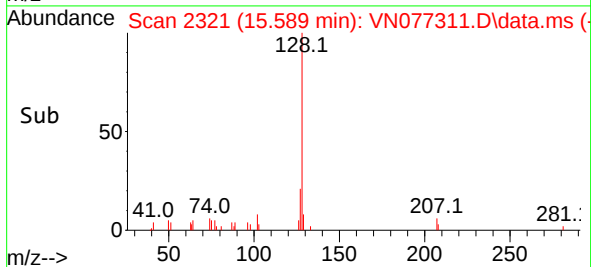
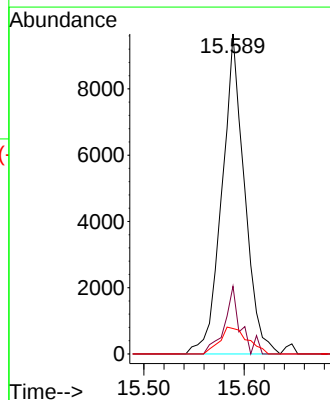
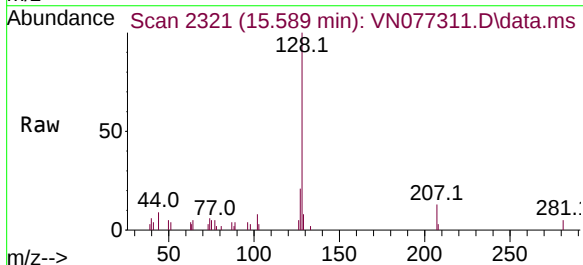
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

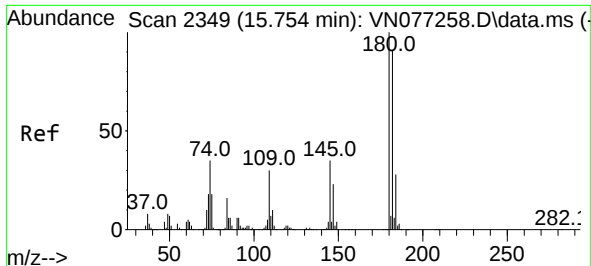
Tgt Ion:152 Resp: 302064
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 155.6 0.0 354.8



#95
Naphthalene
Concen: 1.005 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion:128 Resp: 15042
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 10.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.027 ug/l
 RT: 15.759 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN077311.D
 Acq: 12 Apr 2023 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152053TB

Tgt Ion:	180	Resp:	3916
Ion	Ratio	Lower	Upper
180	100		
182	84.4	46.9	140.8
145	34.6	17.6	52.8

