

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077090.D
 Acq On : 21 Mar 2023 15:05
 Operator : JC\MD
 Sample : 02001-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IRV-1

Quant Time: Mar 21 23:17:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

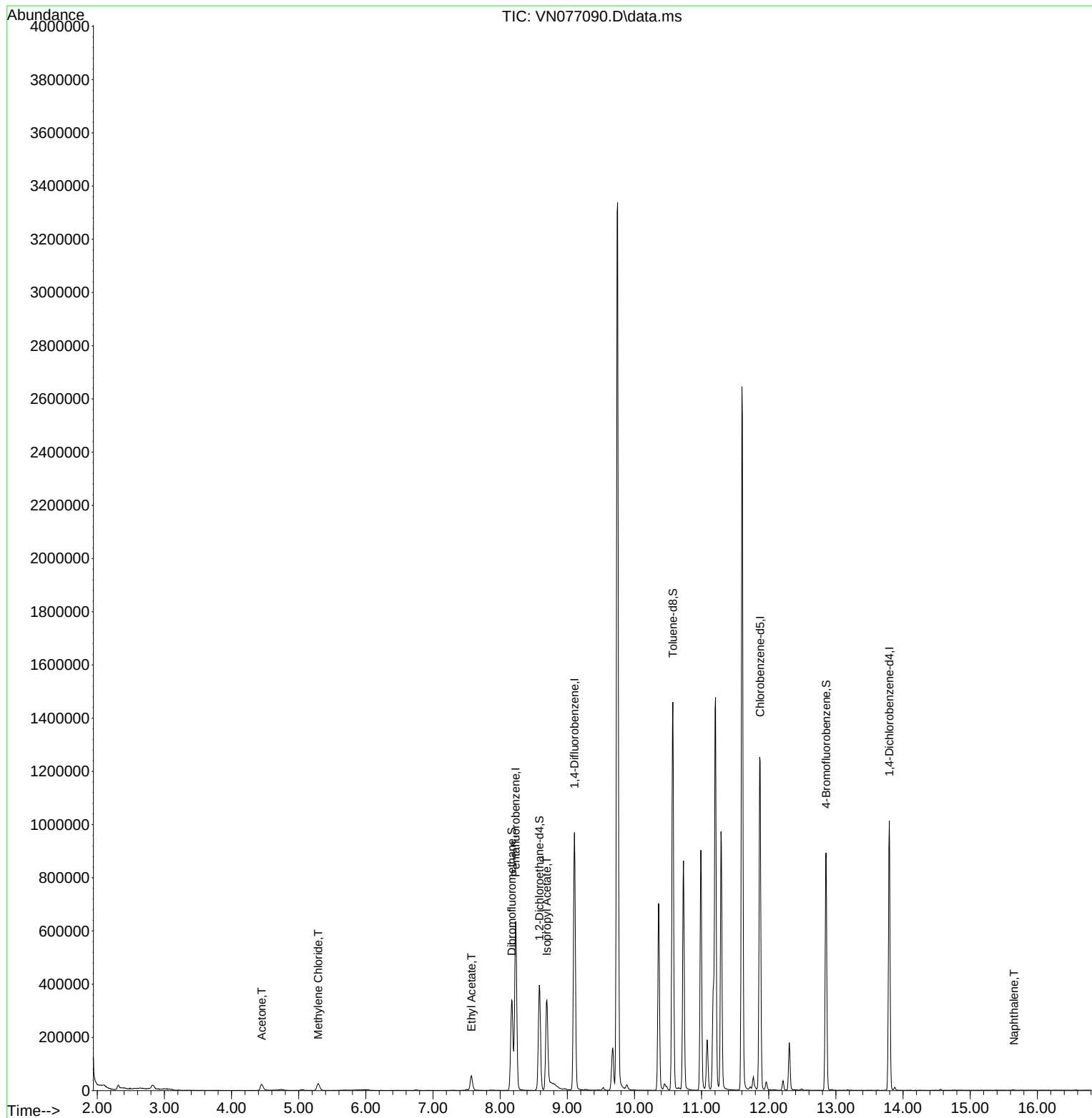
Internal Standards						
1) Pentafluorobenzene	8.231	168	435291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	805430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	714501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	262479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	328684	47.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.540%
35) Dibromofluoromethane	8.172	113	252102	44.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.380%
50) Toluene-d8	10.572	98	989524	49.111	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.854	95	319359	44.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	44906	14.495	ug/l	90
20) Methylene Chloride	5.290	84	20694	3.078	ug/l	94
37) Ethyl Acetate	7.572	43	84729	8.989	ug/l	99
43) Isopropyl Acetate	8.695	43	461461	31.338	ug/l #	84
95) Naphthalene	15.654	128	1639	2.002	ug/l #	84

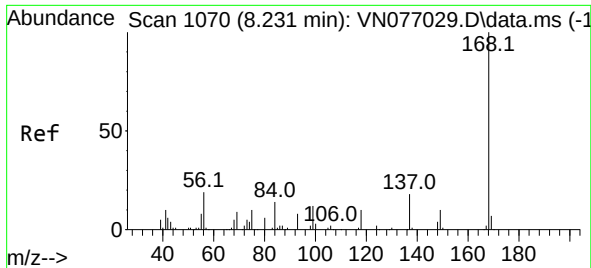
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 21 23:17:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

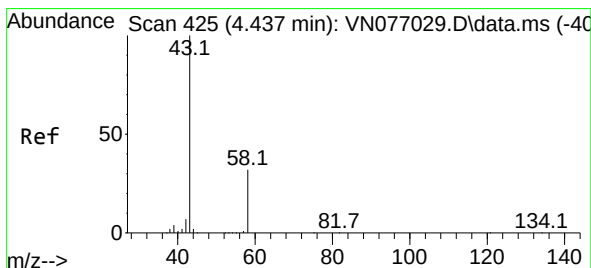
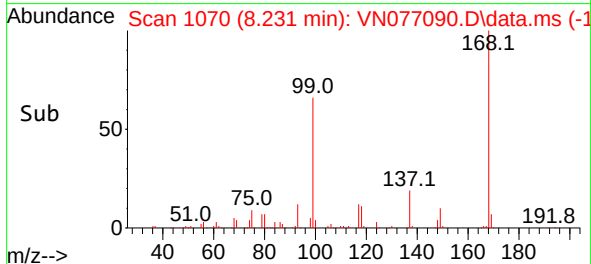
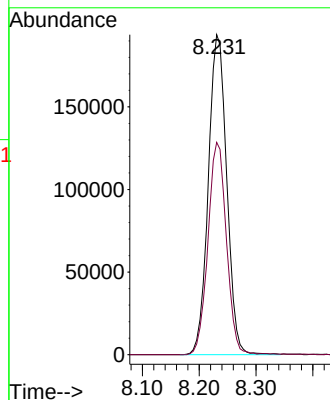
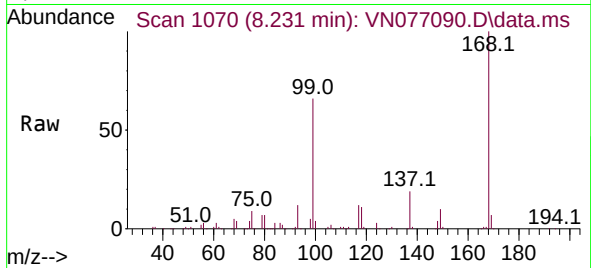




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

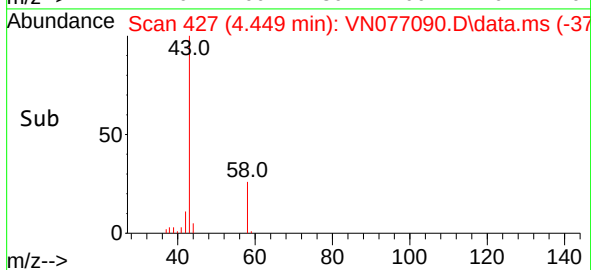
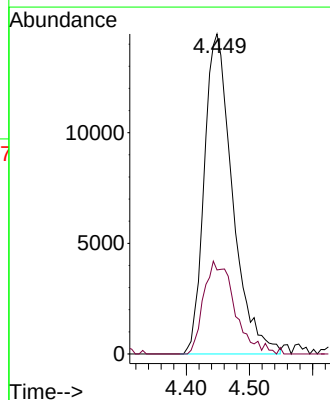
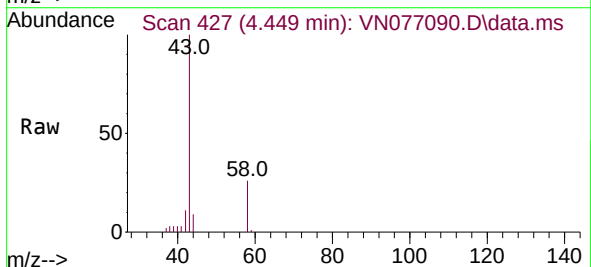
Instrument :
MSVOA_N
ClientSampleId :
IRV-1

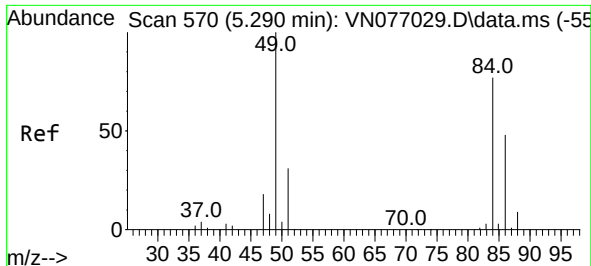
Tgt Ion:168 Resp: 435291
Ion Ratio Lower Upper
168 100
99 66.3 53.9 80.9



#16
Acetone
Concen: 14.495 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

Tgt Ion: 43 Resp: 44906
Ion Ratio Lower Upper
43 100
58 26.3 25.4 38.0

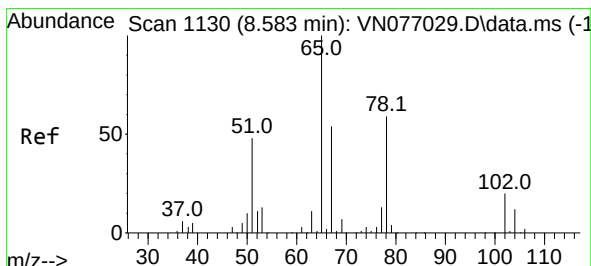
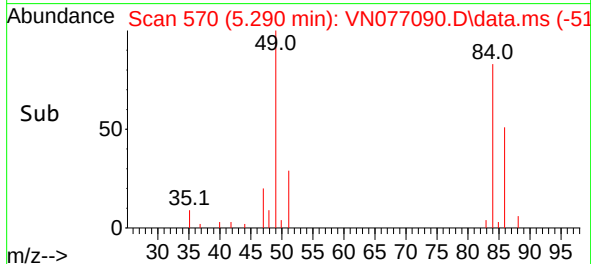
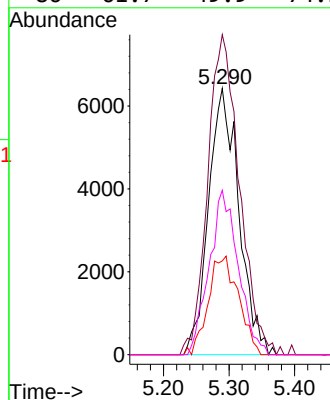
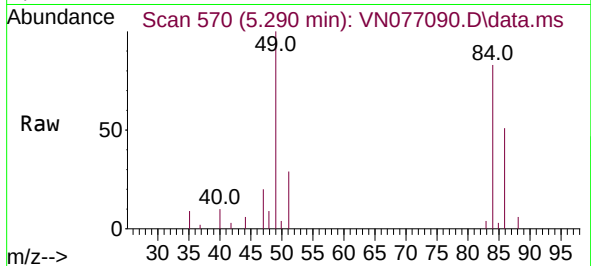




#20
Methylene Chloride
Concen: 3.078 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

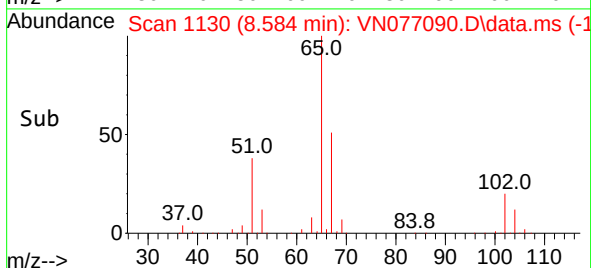
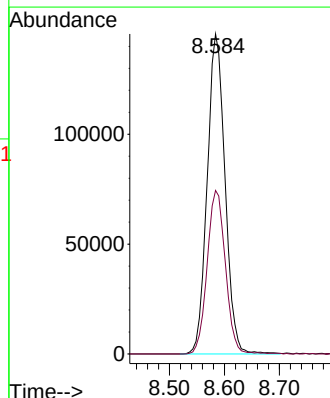
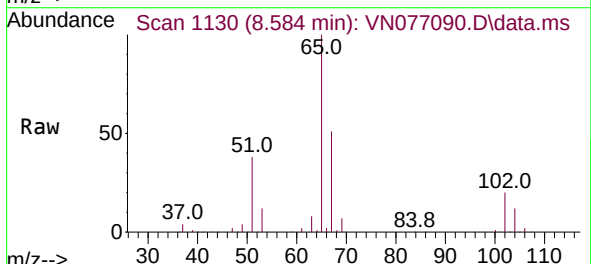
Instrument :
MSVOA_N
ClientSampleId :
IRV-1

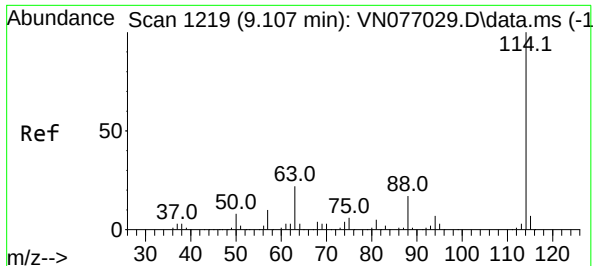
Tgt Ion:	84	Resp:	20694
Ion	Ratio	Lower	Upper
84	100		
49	120.2	103.8	155.6
51	35.2	32.3	48.5
86	61.7	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 47.272 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

Tgt Ion:	65	Resp:	328684
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077090.D

Acq: 21 Mar 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

IRV-1

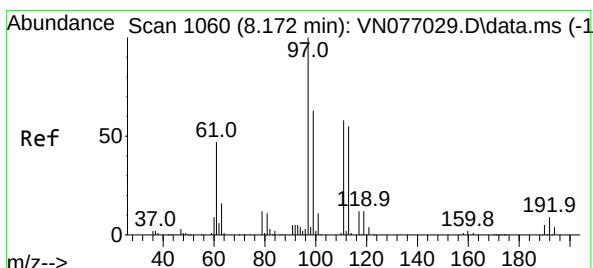
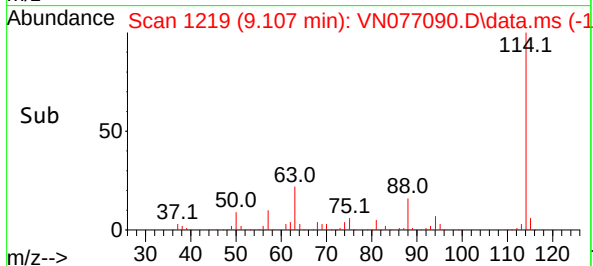
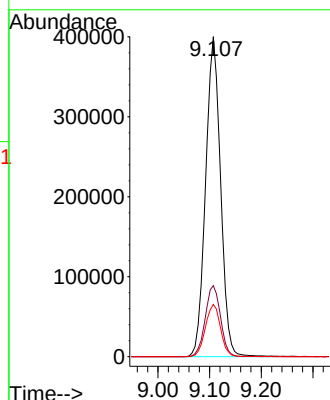
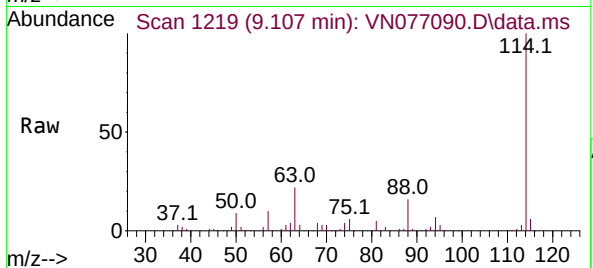
Tgt Ion:114 Resp: 805430

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 44.695 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077090.D

Acq: 21 Mar 2023 15:05

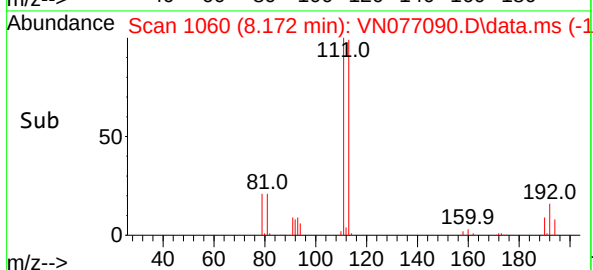
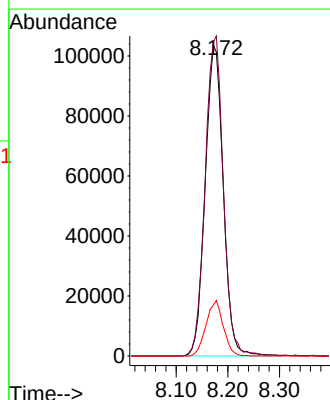
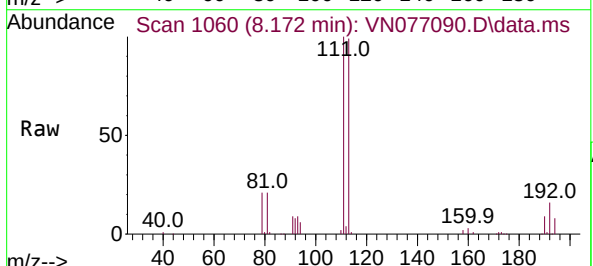
Tgt Ion:113 Resp: 252102

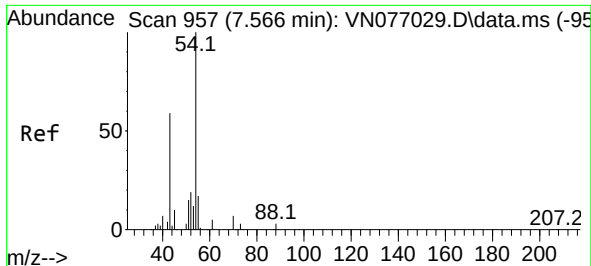
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 17.0 13.0 19.6

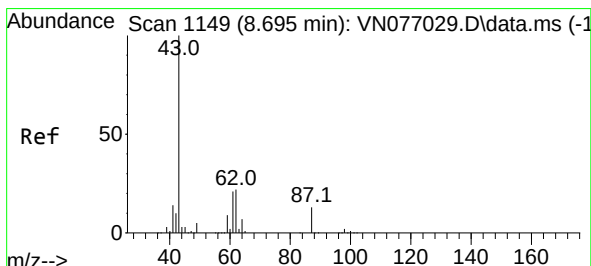
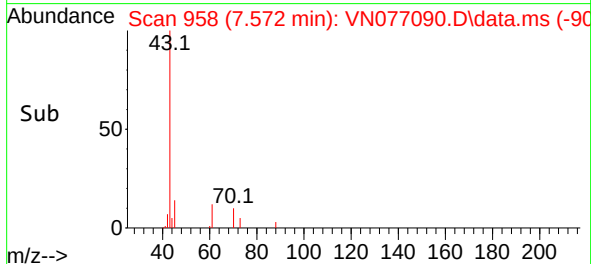
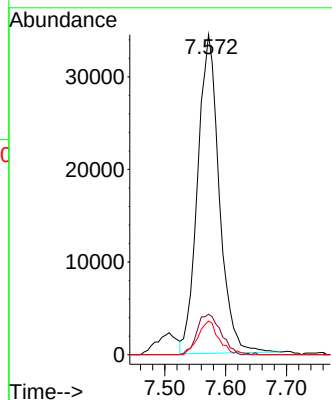
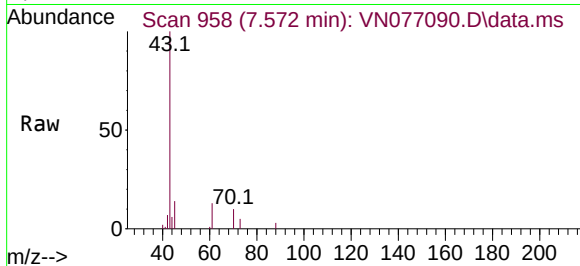




#37
Ethyl Acetate
Concen: 8.989 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

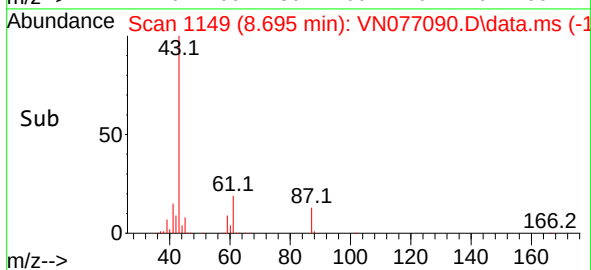
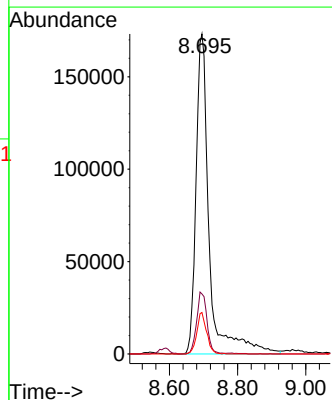
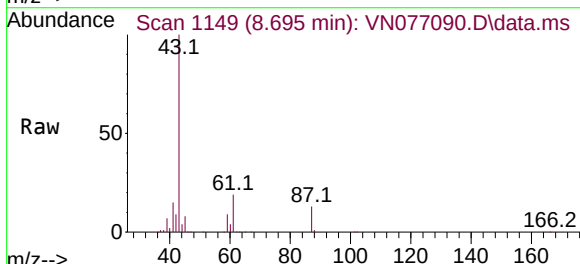
Instrument :
MSVOA_N
ClientSampleId :
IRV-1

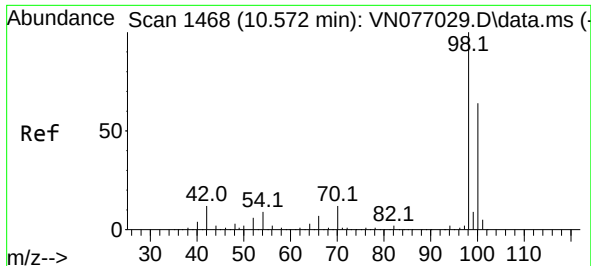
Tgt Ion: 43 Resp: 84729
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 9.8 8.4 12.6



#43
Isopropyl Acetate
Concen: 31.338 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

Tgt Ion: 43 Resp: 461461
Ion Ratio Lower Upper
43 100
61 15.3 20.6 30.8#
87 9.7 10.0 15.0#

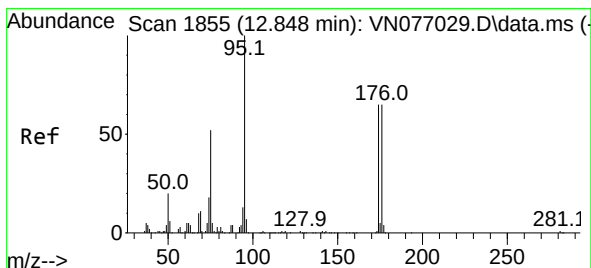
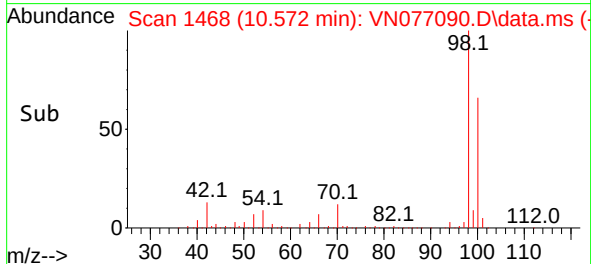
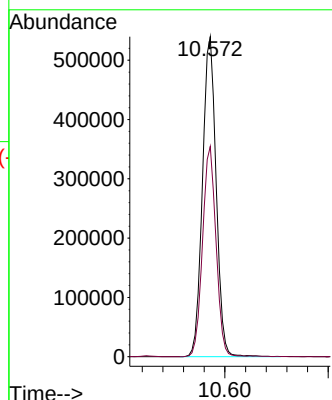
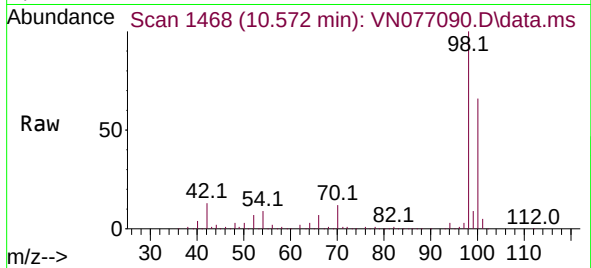




#50
Toluene-d8
Concen: 49.111 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

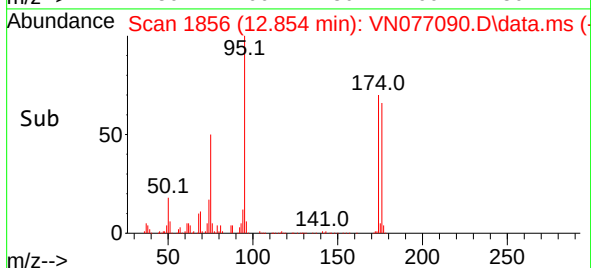
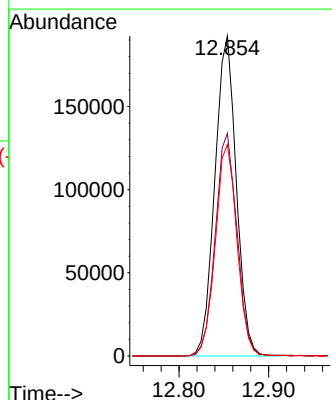
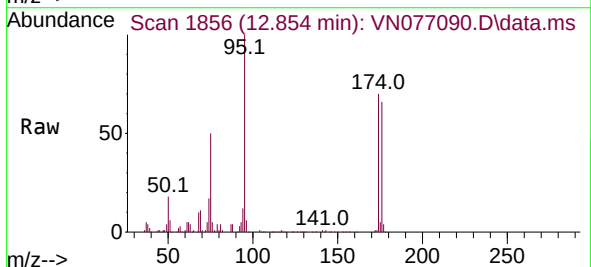
Instrument :
MSVOA_N
ClientSampleId :
IRV-1

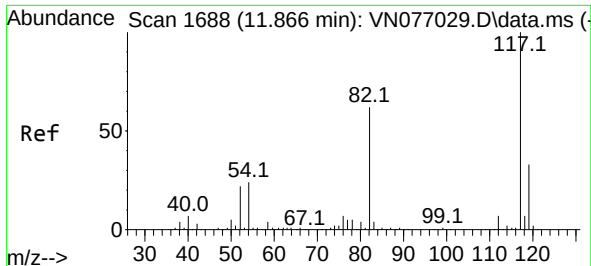
Tgt Ion: 98 Resp: 989524
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.855 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

Tgt Ion: 95 Resp: 319359
Ion Ratio Lower Upper
95 100
174 70.4 0.0 136.6
176 66.7 0.0 130.0

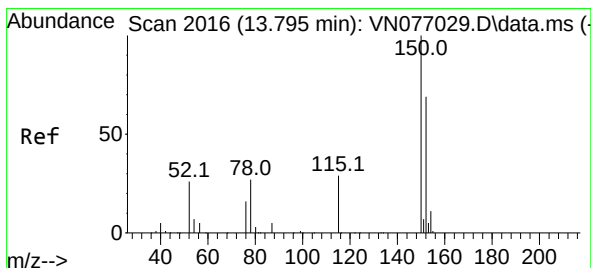
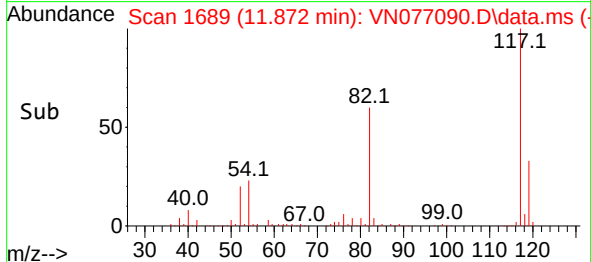
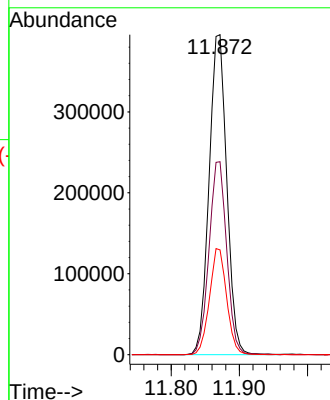
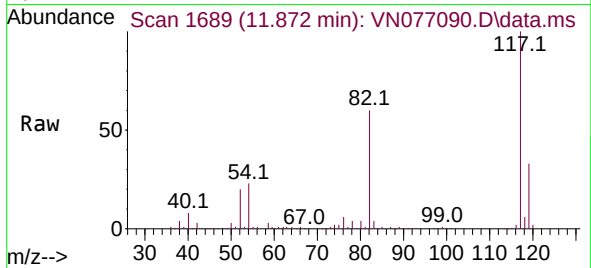




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

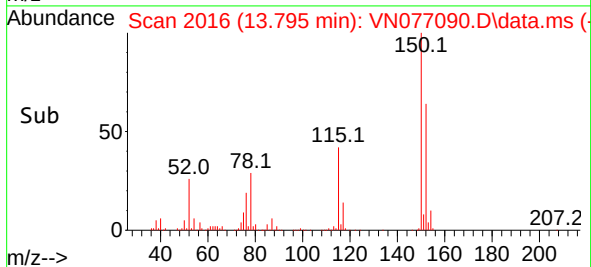
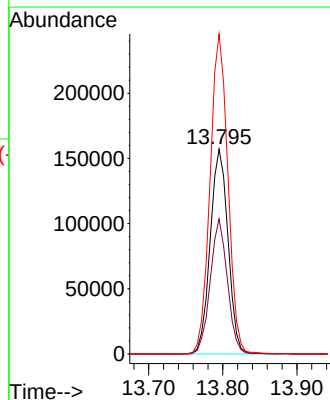
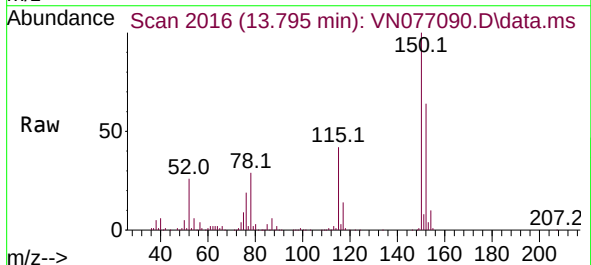
Instrument :
MSVOA_N
ClientSampleId :
IRV-1

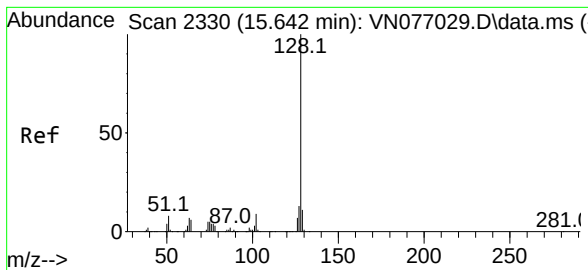
Tgt Ion:117 Resp: 714501
Ion Ratio Lower Upper
117 100
82 60.3 49.4 74.0
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

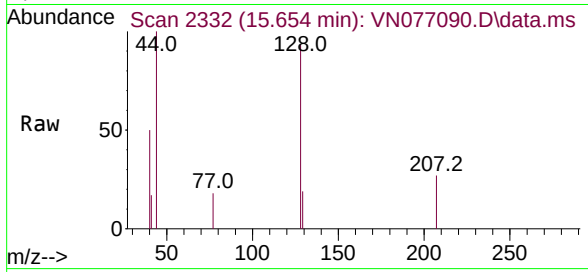
Tgt Ion:152 Resp: 262479
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 156.4 0.0 348.0





#95
Naphthalene
Concen: 2.002 ug/l
RT: 15.654 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN077090.D
Acq: 21 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
IRV-1



Tgt Ion:	128	Resp:	1639
Ion	Ratio	Lower	Upper
128	100		
127	3.5	10.0	15.0#
129	7.6	8.6	13.0#

