

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069772.D
 Acq On : 4 Dec 2021 18:04
 Operator : JC/MD
 Sample : M4922-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP04-20211130

Quant Time: Dec 06 00:18:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

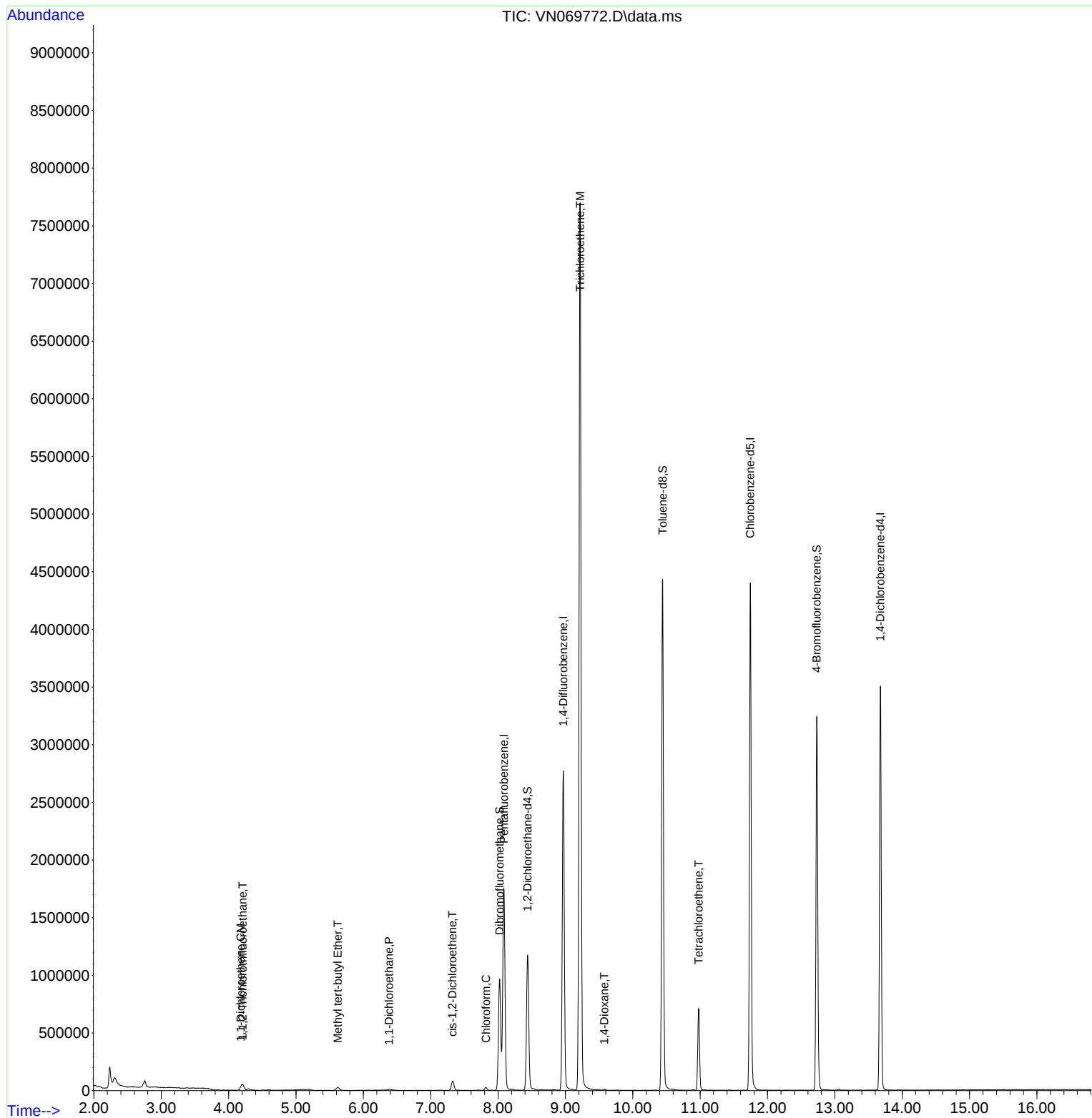
Internal Standards						
1) Pentafluorobenzene	8.085	168	1319943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2334759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2436684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	940561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1018599	49.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.96%
35) Dibromofluoromethane	8.024	113	701391	47.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.92%
50) Toluene-d8	10.443	98	3020316	51.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.86%
62) 4-Bromofluorobenzene	12.731	95	1144927	53.82	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.64%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.207	101	31117	2.38	ug/l	95
12) 1,1-Dichloroethene	4.181	96	7201	0.57	ug/l	87
19) Methyl tert-butyl Ether	5.621	73	35687	0.73	ug/l	97
24) 1,1-Dichloroethane	6.380	63	9537	0.33	ug/l #	94
27) cis-1,2-Dichloroethene	7.324	96	47058	2.85	ug/l	95
30) Chloroform	7.820	83	25124	0.87	ug/l	99
44) Trichloroethene	9.217	130	2696483	166.29	ug/l	91
49) 1,4-Dioxane	9.577	88	7739	18.88	ug/l #	84
64) Tetrachloroethene	10.977	164	160206	9.70	ug/l	96

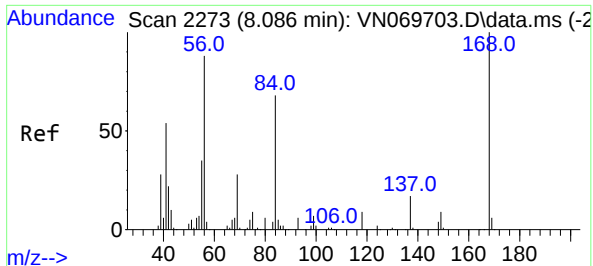
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

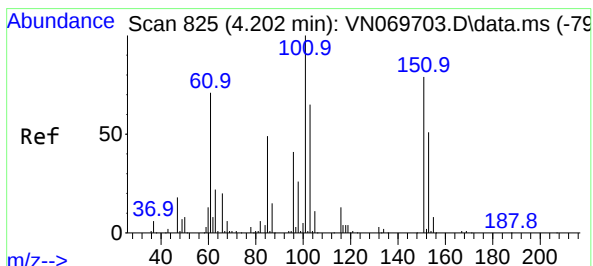
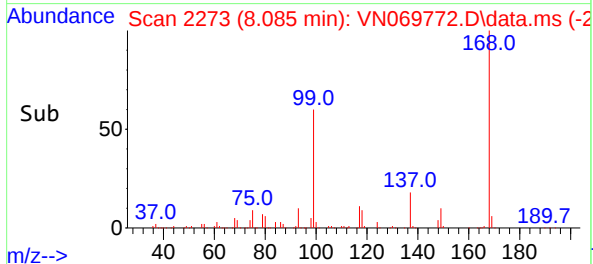
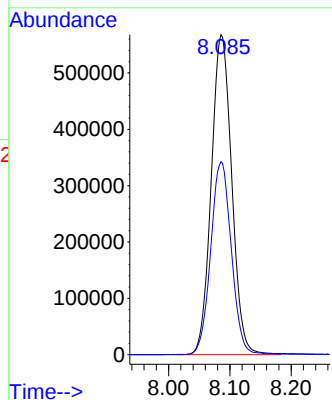
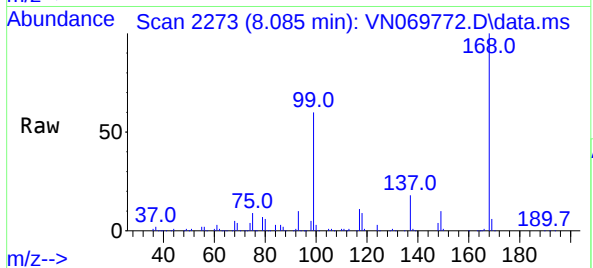




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

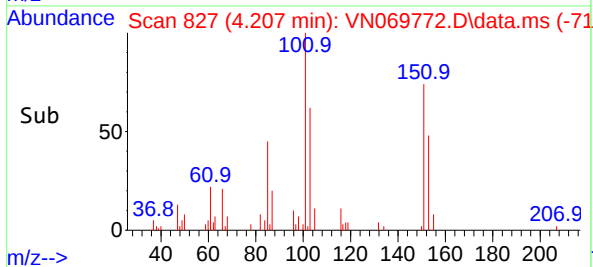
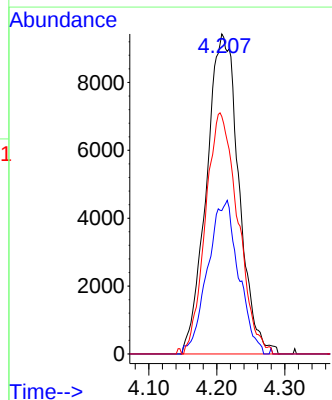
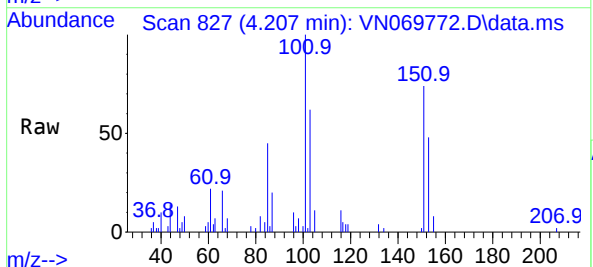
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MSVOA_N
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DUP04-20211130

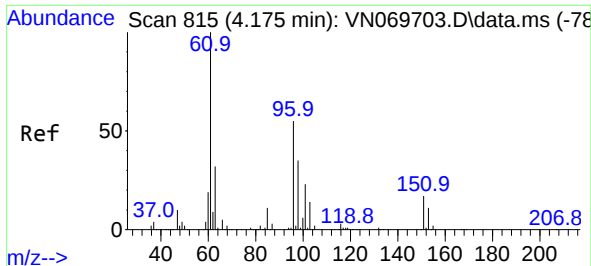
Tgt Ion:168 Resp: 1319943
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.38 ug/l
RT: 4.207 min Scan# 827
Delta R.T. 0.005 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion:101 Resp: 31117
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 75.8 65.9 98.9

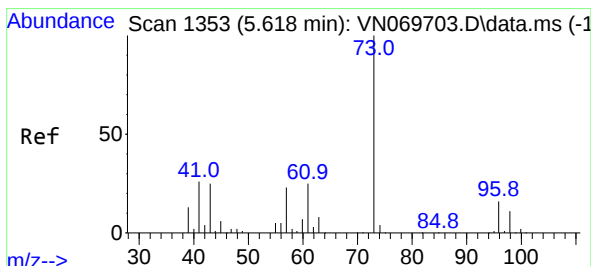
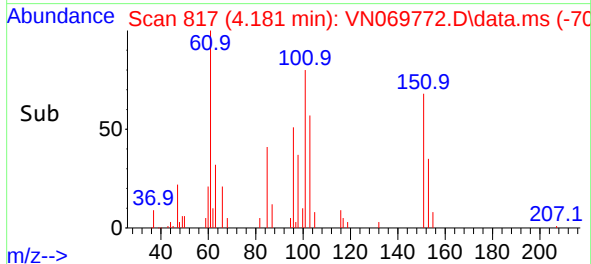
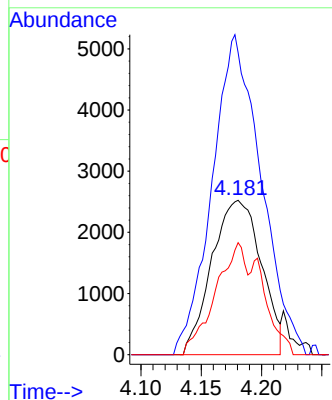
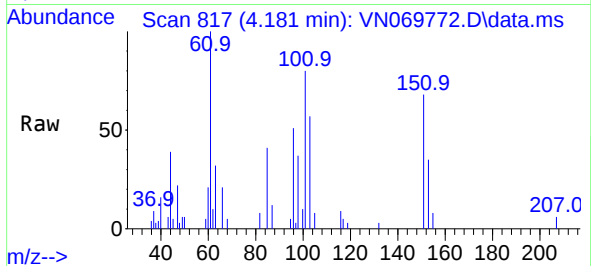




#12
1,1-Dichloroethene
Concen: 0.57 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

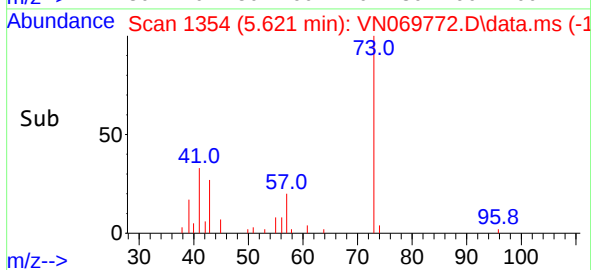
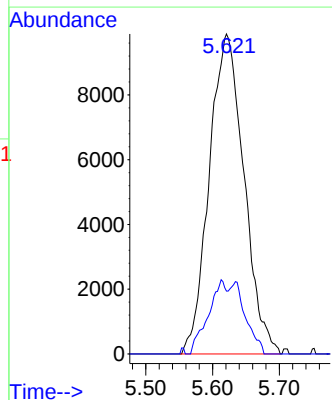
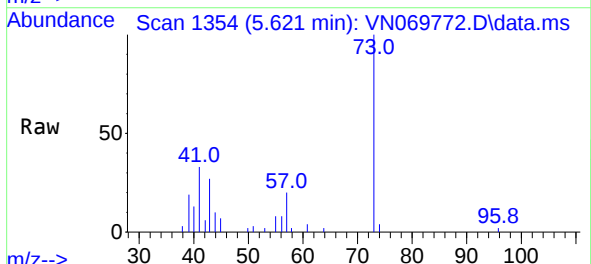
Instrument :
MSVOA_N
ClientSampleId :
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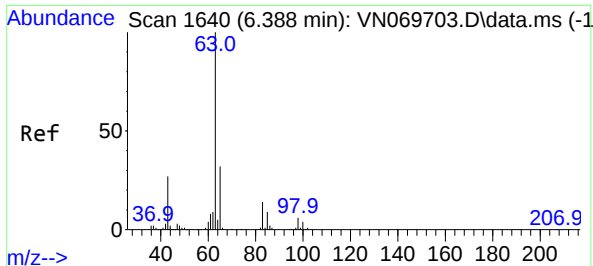
Tgt Ion: 96 Resp: 7201
Ion Ratio Lower Upper
96 100
61 183.9 131.0 196.6
98 72.5 52.4 78.6



#19
Methyl tert-butyl Ether
Concen: 0.73 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion: 73 Resp: 35687
Ion Ratio Lower Upper
73 100
57 19.7 16.8 25.2

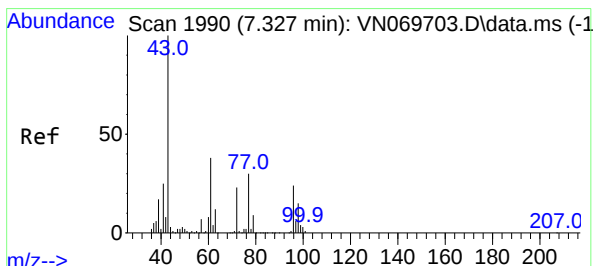
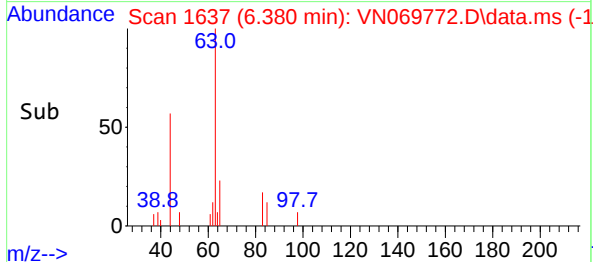
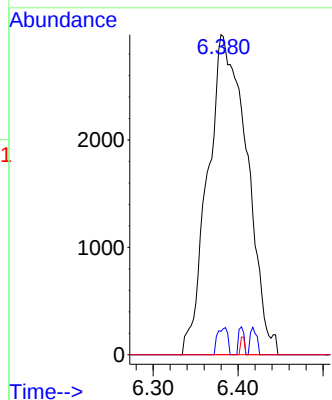
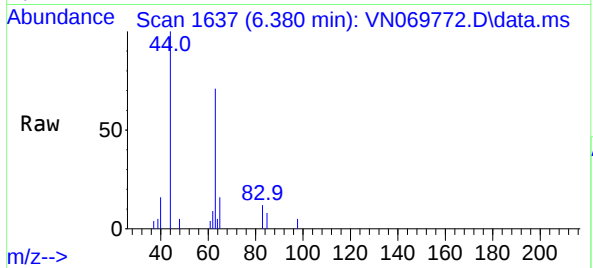




#24
1,1-Dichloroethane
Concen: 0.33 ug/l
RT: 6.380 min Scan# 1
Delta R.T. -0.008 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

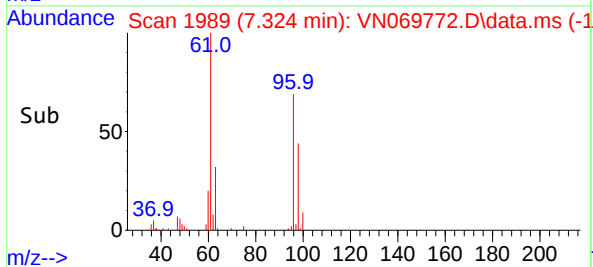
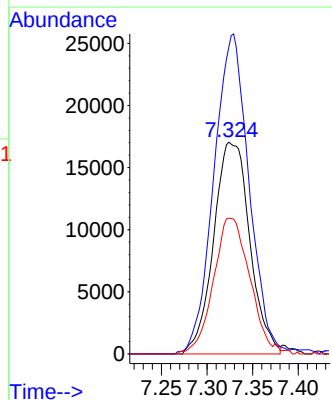
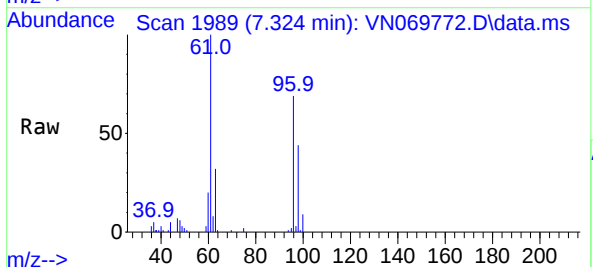
Instrument :
MSVOA_N
ClientSampleId :
DUP04-20211130

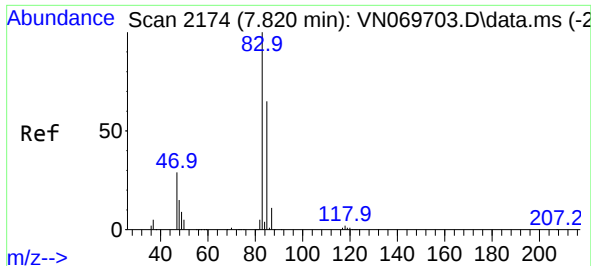
Tgt Ion: 63 Resp: 9537
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 2.85 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion: 96 Resp: 47058
Ion Ratio Lower Upper
96 100
61 146.7 0.0 275.0
98 64.7 0.0 129.6





#30

Chloroform

Concen: 0.87 ug/l

RT: 7.820 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069772.D

Acq: 4 Dec 2021 18:04

Instrument :

MSVOA_N

ClientSampleId :

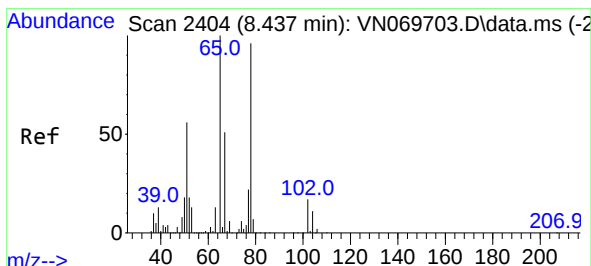
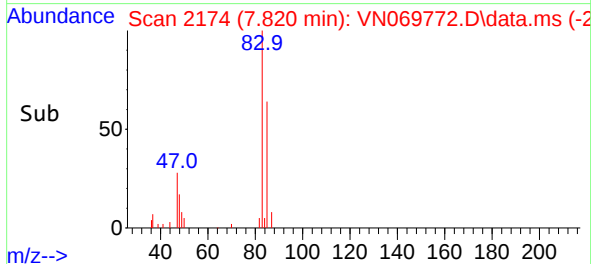
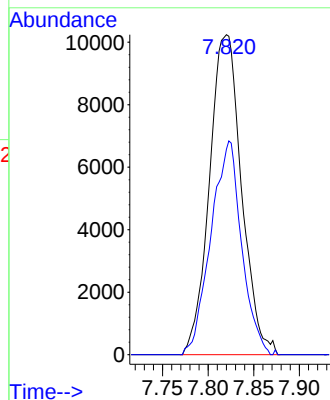
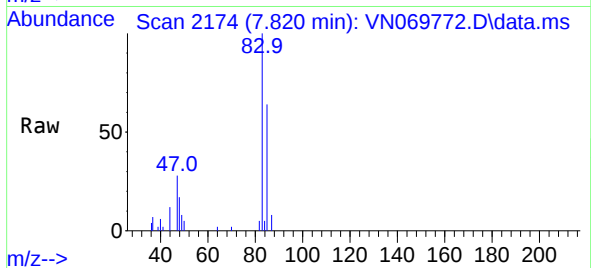
DUP04-20211130

Tgt Ion: 83 Resp: 25124

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 49.98 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN069772.D

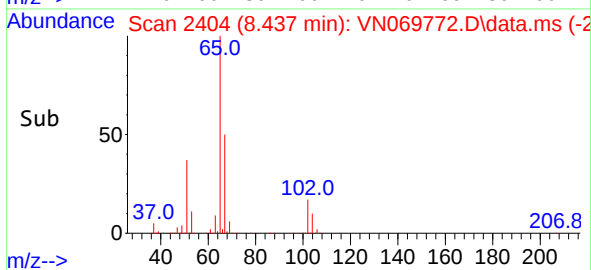
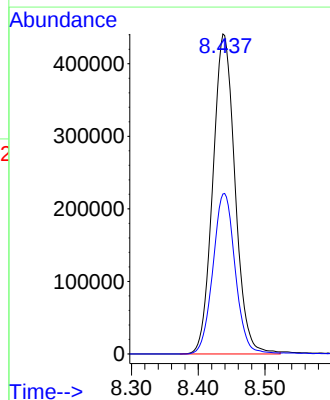
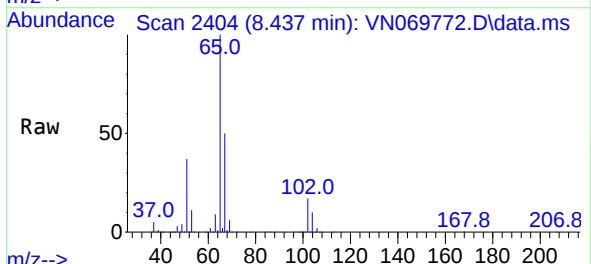
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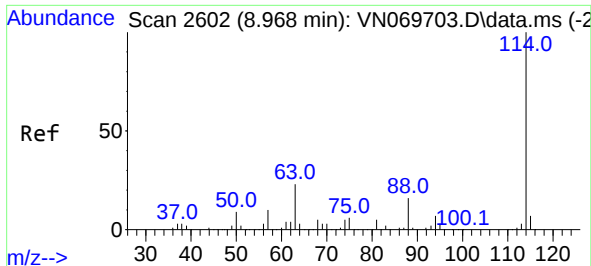
Tgt Ion: 65 Resp: 1018599

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0

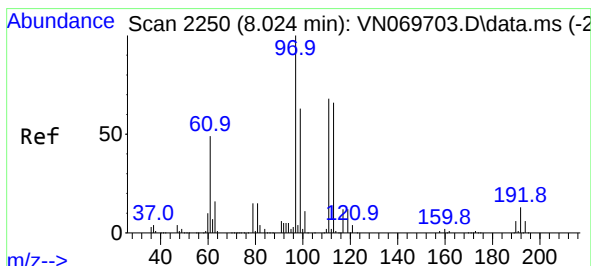
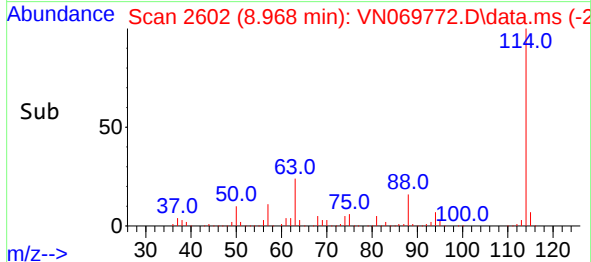
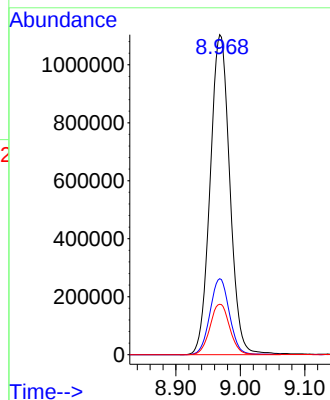
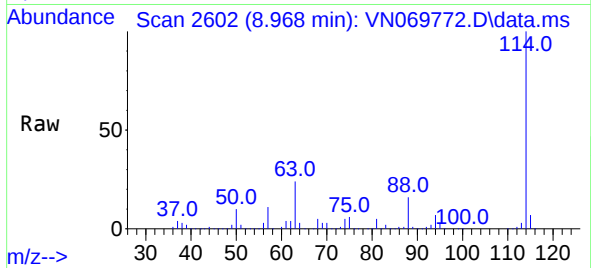




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

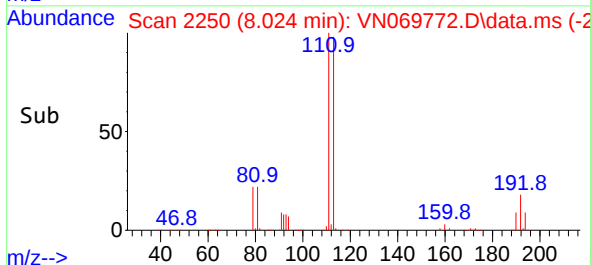
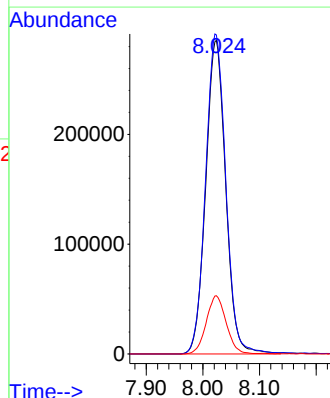
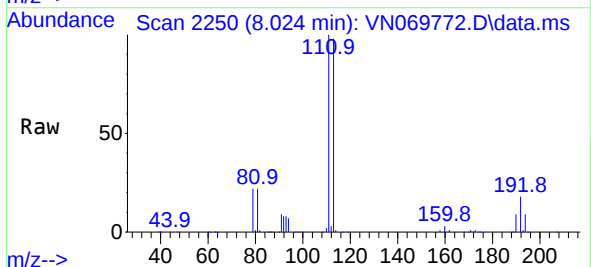
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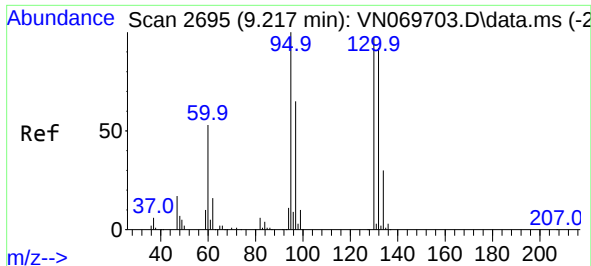
Tgt Ion:114 Resp: 2334759
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.96 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion:113 Resp: 701391
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.5 16.9 25.3

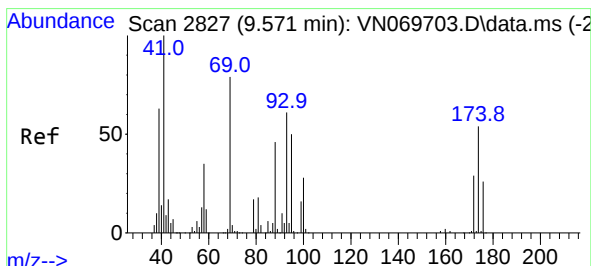
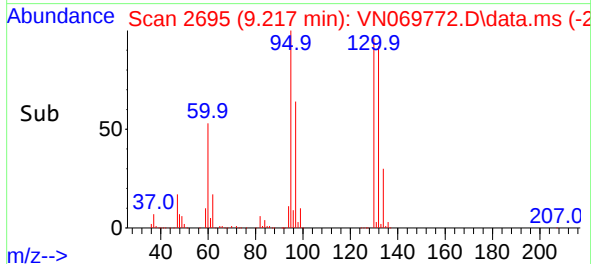
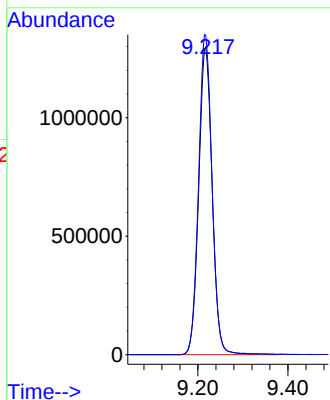
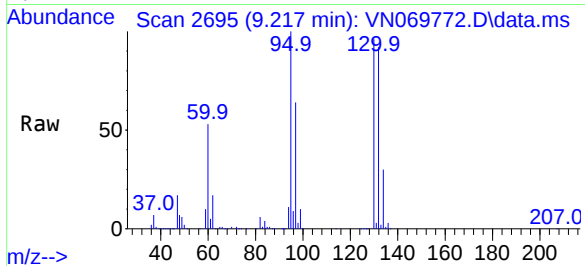




#44
Trichloroethene
Concen: 166.29 ug/l
RT: 9.217 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

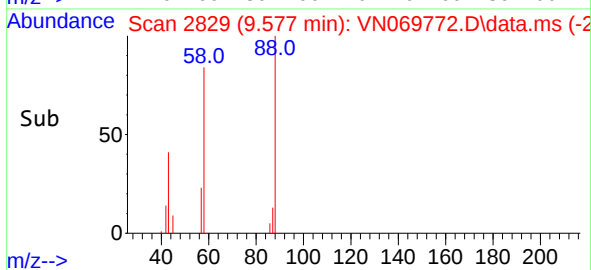
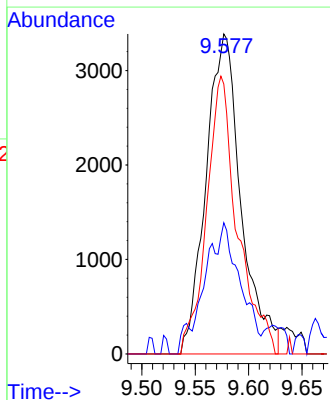
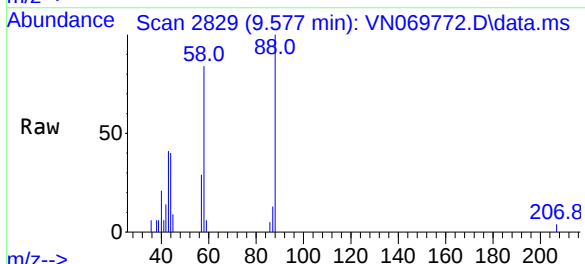
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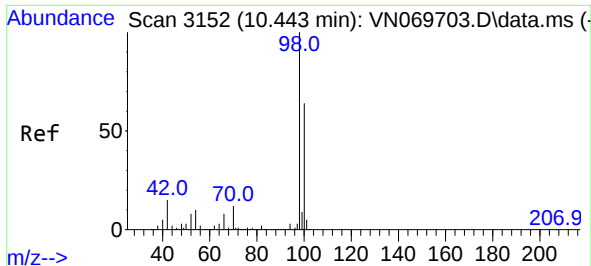
Tgt Ion:130 Resp: 2696483
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.2



#49
1,4-Dioxane
Concen: 18.88 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion: 88 Resp: 7739
Ion Ratio Lower Upper
88 100
43 21.6 23.4 35.2#
58 76.2 50.6 75.8#

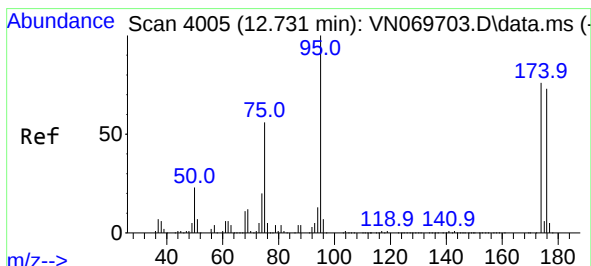
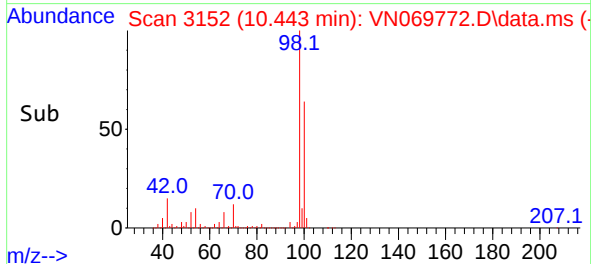
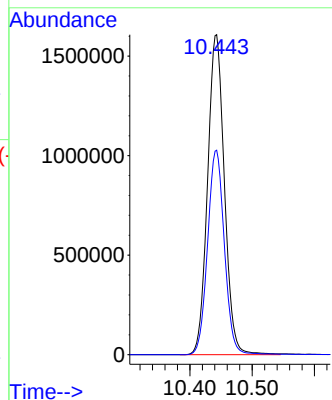
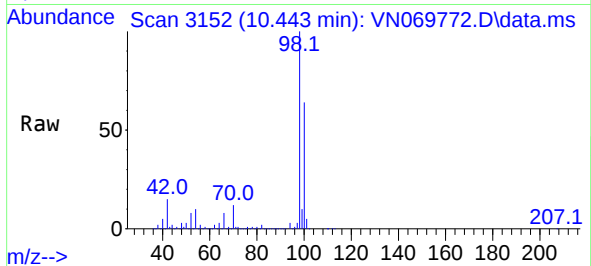




#50
Toluene-d8
Concen: 51.43 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

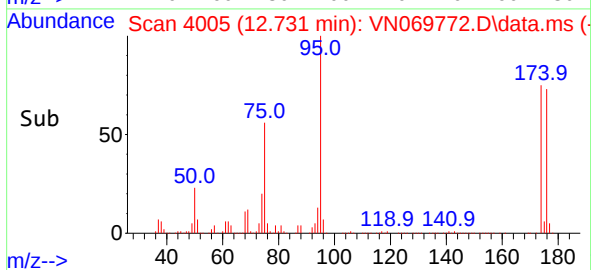
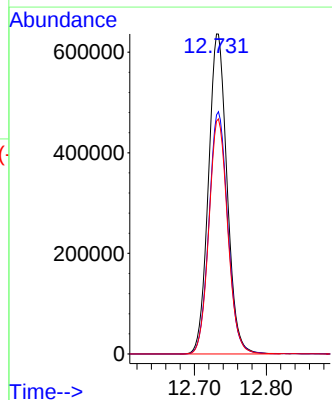
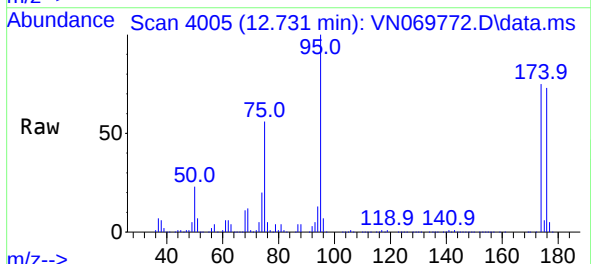
Instrument :
MSVOA_N
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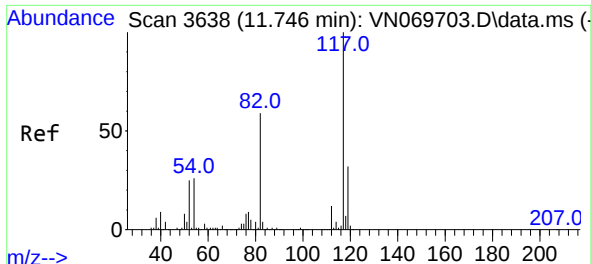
Tgt Ion: 98 Resp: 3020316
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.82 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

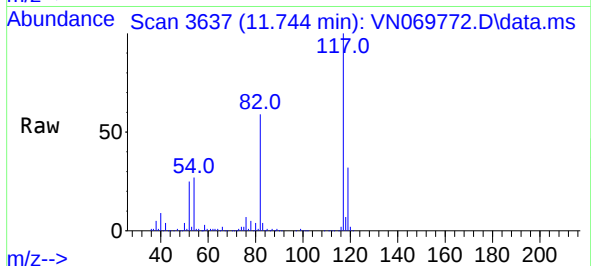
Tgt Ion: 95 Resp: 1144927
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.2 0.0 181.4





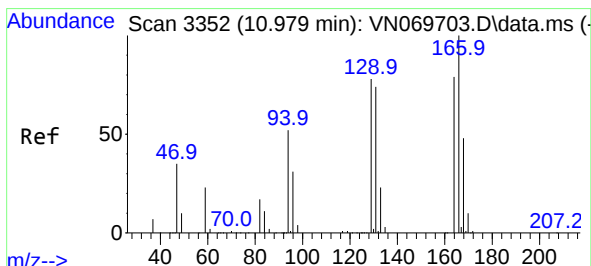
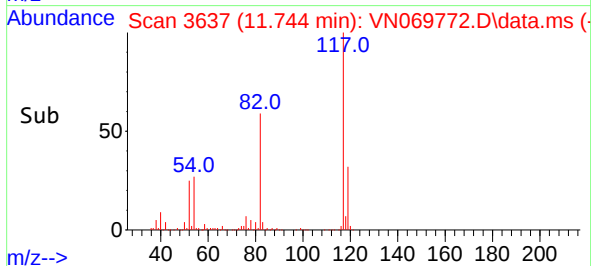
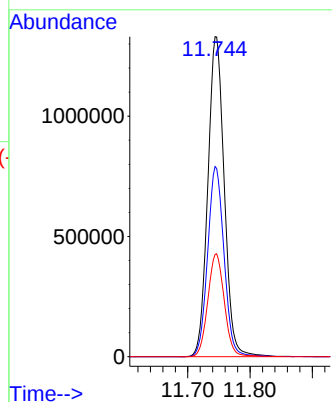
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20211130



Tgt Ion:117 Resp: 2436684

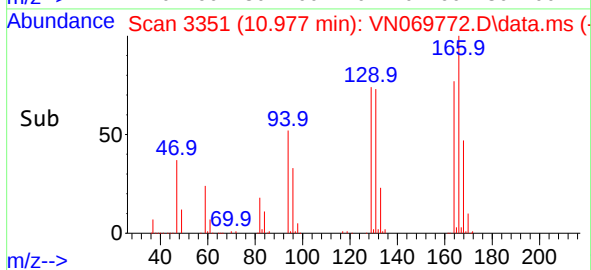
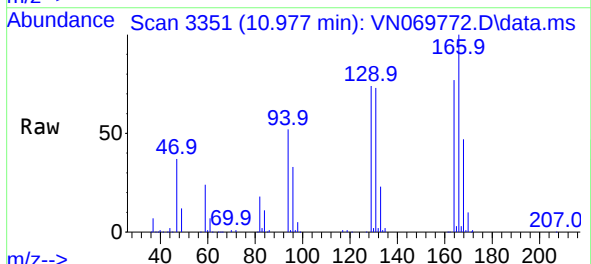
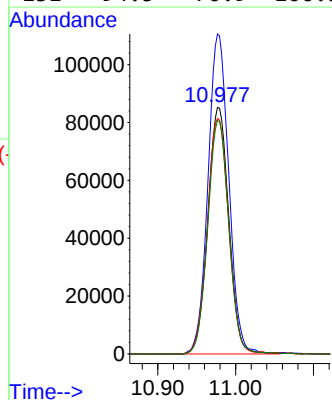
Ion	Ratio	Lower	Upper
117	100		
82	59.4	42.4	63.6
119	32.0	25.4	38.2

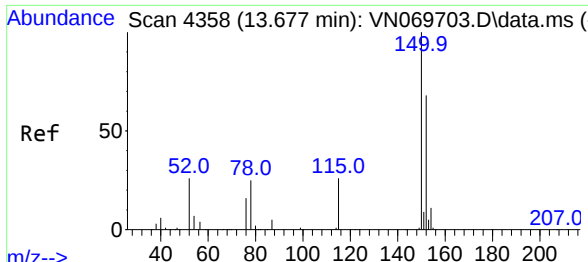


#64
Tetrachloroethene
Concen: 9.70 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Tgt Ion:164 Resp: 160206

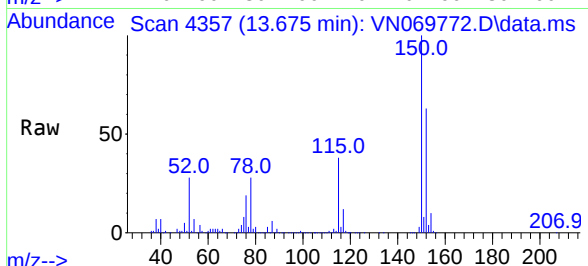
Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.9	152.9
129	95.5	72.0	108.0
131	94.5	70.9	106.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069772.D
Acq: 4 Dec 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20211130



Tgt Ion:152 Resp: 940561
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.1 0.0 344.4

