

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069773.D
 Acq On : 4 Dec 2021 18:30
 Operator : JC/MD
 Sample : M4922-13DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP04-20211130DL

Quant Time: Dec 06 00:18:16 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)

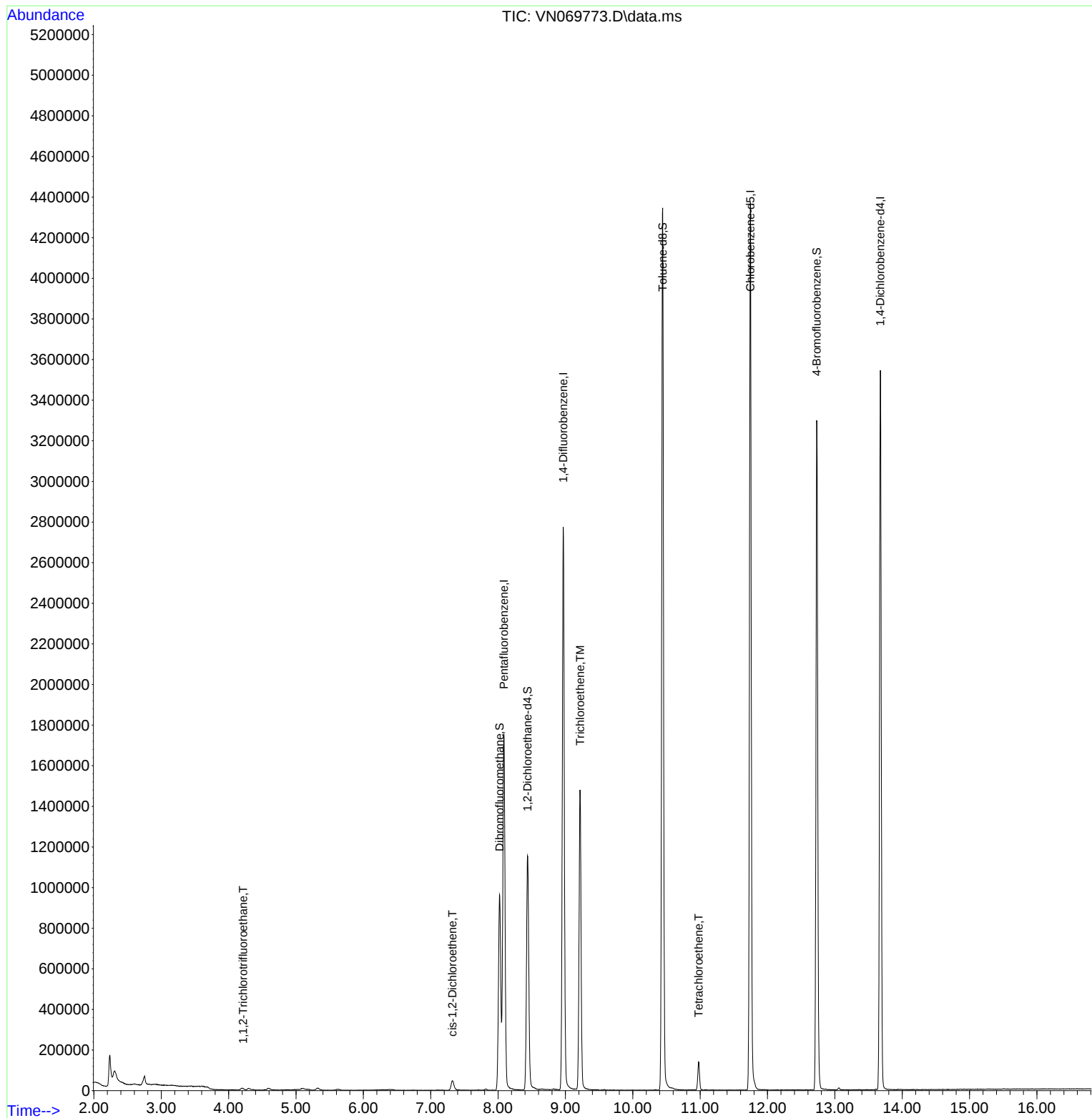
Internal Standards						
1) Pentafluorobenzene	8.086	168	1309079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2331009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2447020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	939374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1011241	50.031	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.060%	
35) Dibromofluoromethane	8.024	113	700724	47.992	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.980%	
50) Toluene-d8	10.443	98	3002627	51.215	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.731	95	1153357	54.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.600%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.213	101	4644	0.359	ug/l	# 55
27) cis-1,2-Dichloroethene	7.321	96	9730	0.595	ug/l	88
44) Trichloroethene	9.217	130	516943	31.932	ug/l	92
64) Tetrachloroethene	10.977	164	29740	1.792	ug/l	93

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

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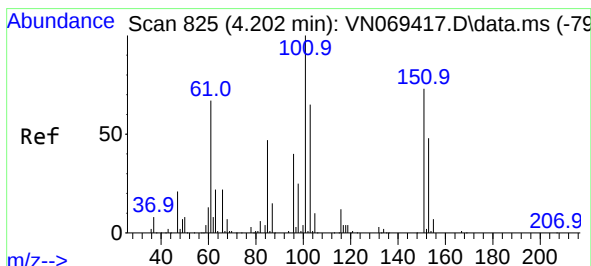
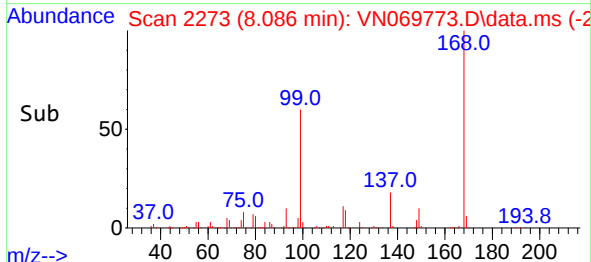
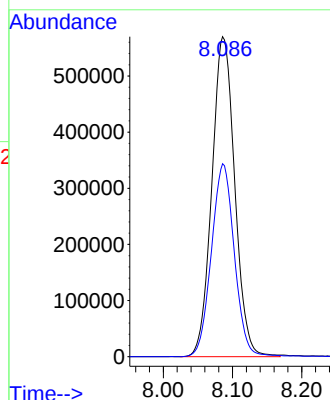
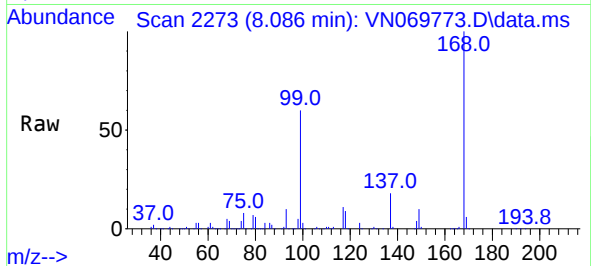




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

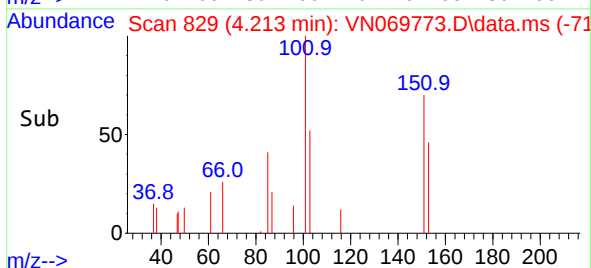
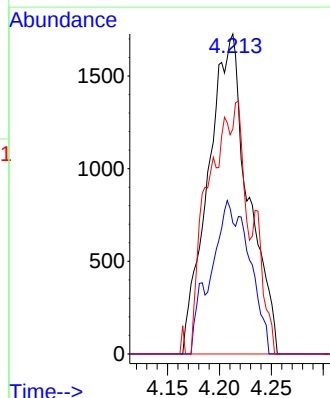
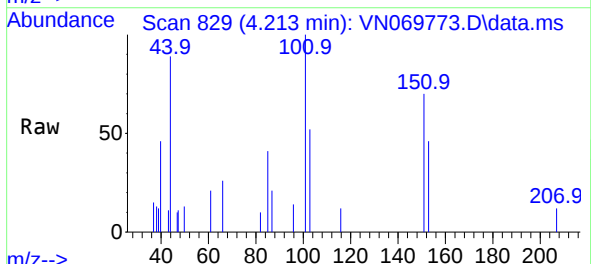
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MSVOA_N
ClientSampleId :
DUP04-20211130DL

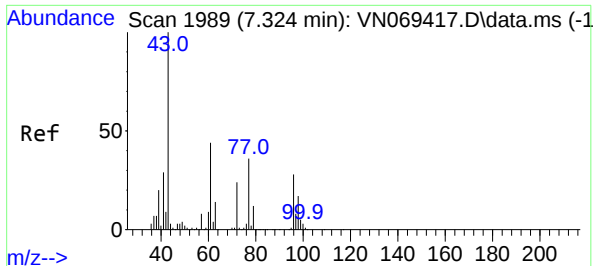
Tgt Ion:168 Resp: 1309079
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.359 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

Tgt Ion:101 Resp: 4644
Ion Ratio Lower Upper
101 100
85 12.0 37.2 55.8#
151 45.2 65.9 98.9#

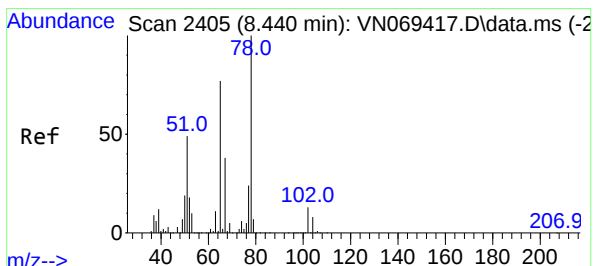
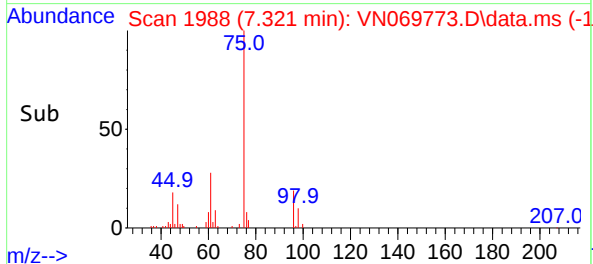
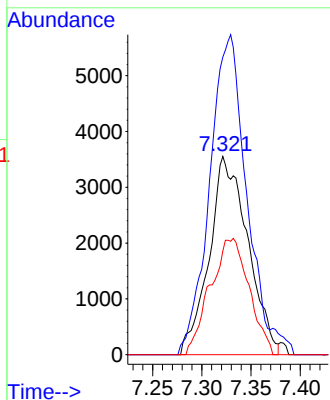
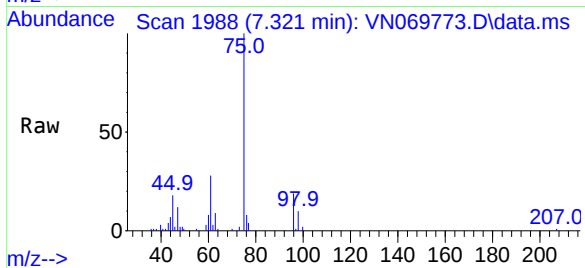




#27
 cis-1,2-Dichloroethene
 Concen: 0.595 ug/l
 RT: 7.321 min Scan# 1988
 Delta R.T. -0.005 min
 Lab File: VN069773.D
 Acq: 4 Dec 2021 18:30

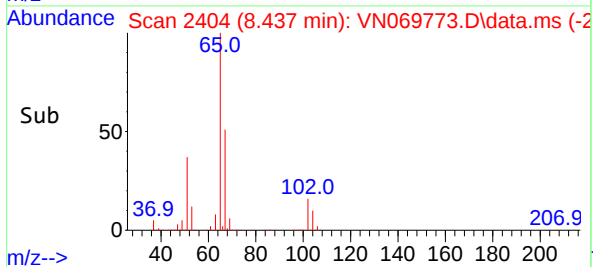
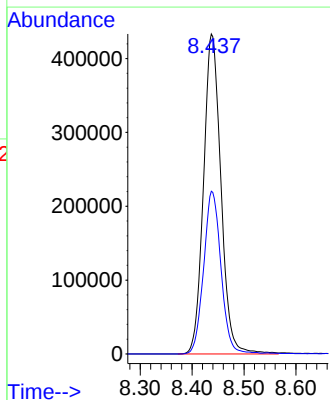
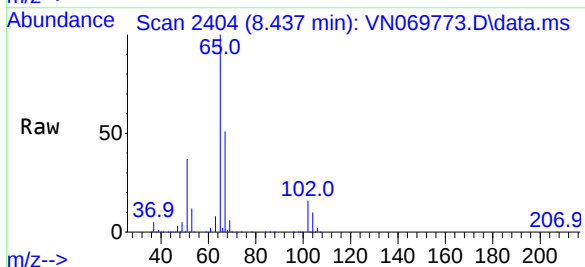
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP04-20211130DL

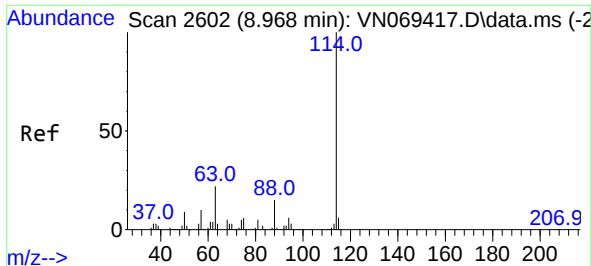
Tgt Ion: 96 Resp: 9730
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 275.0
 98 58.6 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 50.031 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN069773.D
 Acq: 4 Dec 2021 18:30

Tgt Ion: 65 Resp: 1011241
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.0

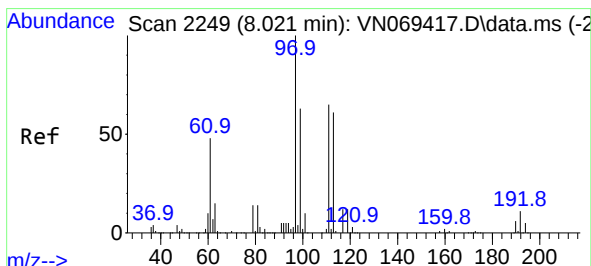
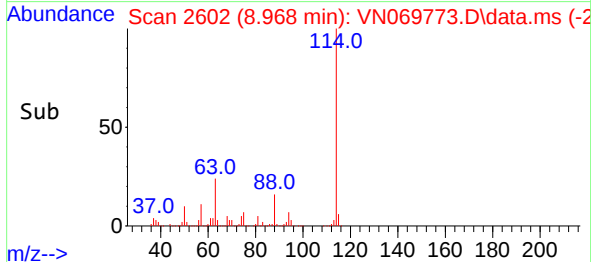
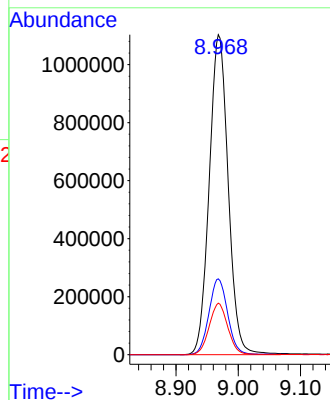
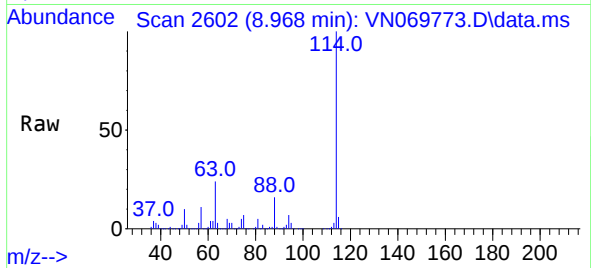




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

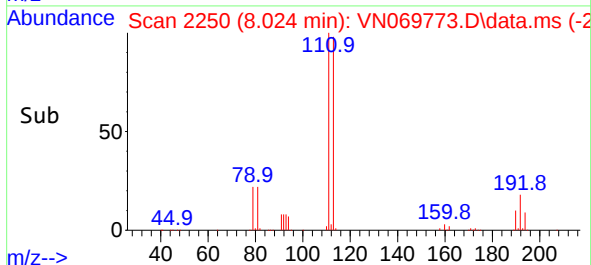
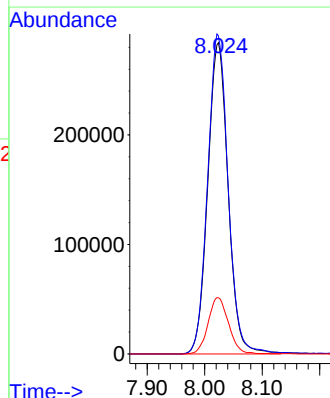
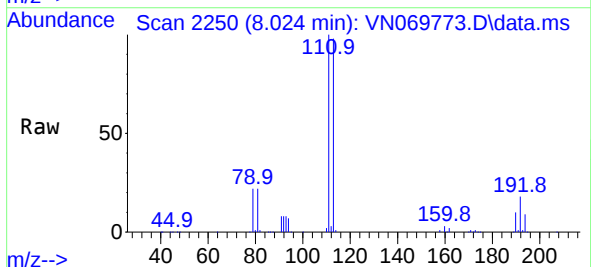
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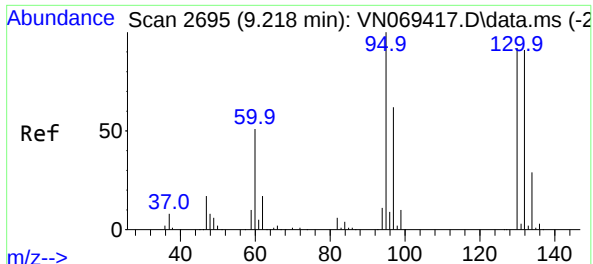
Tgt Ion:114 Resp: 2331009
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.992 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

Tgt Ion:113 Resp: 700724
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.1 16.9 25.3

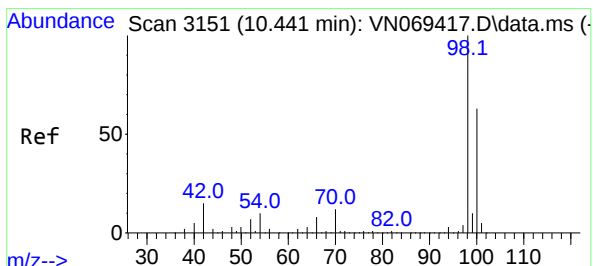
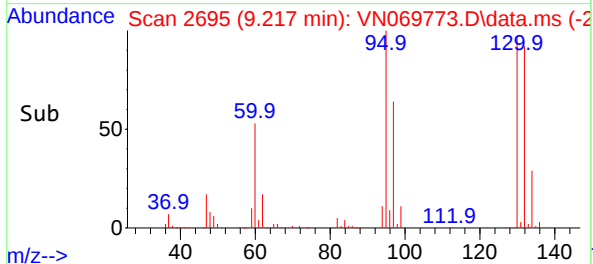
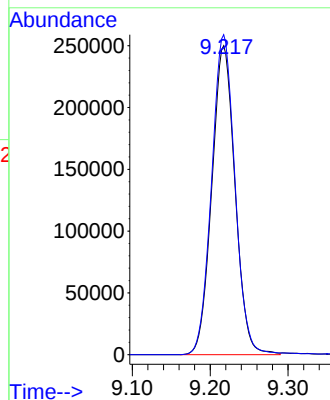
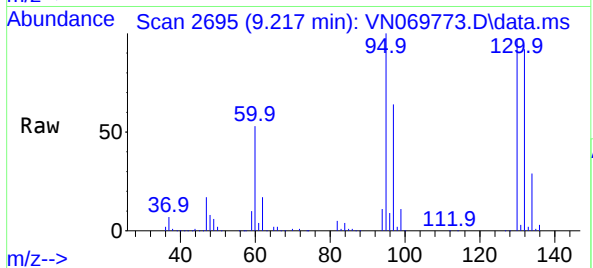




#44
Trichloroethene
Concen: 31.932 ug/l
RT: 9.217 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

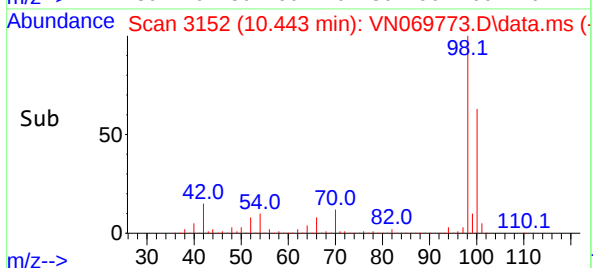
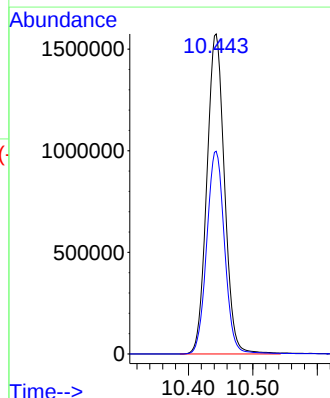
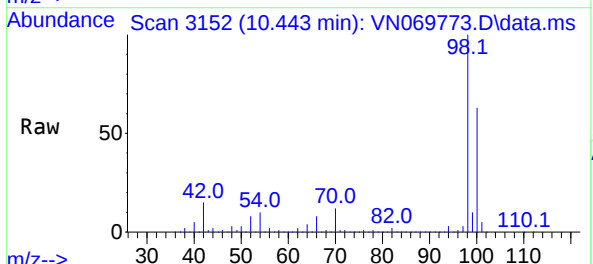
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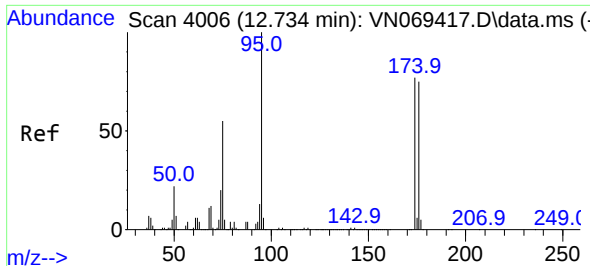
Tgt Ion:130 Resp: 516943
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2



#50
Toluene-d8
Concen: 51.215 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

Tgt Ion: 98 Resp: 3002627
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

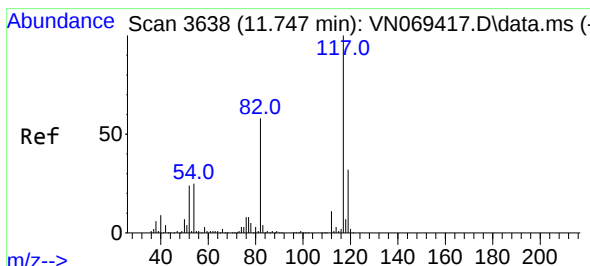
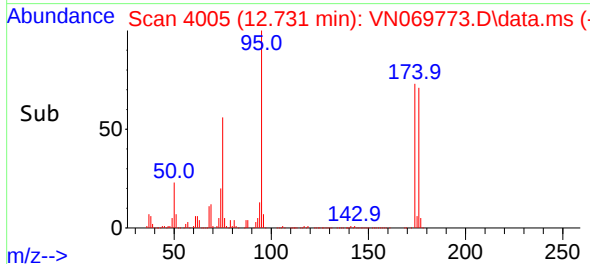
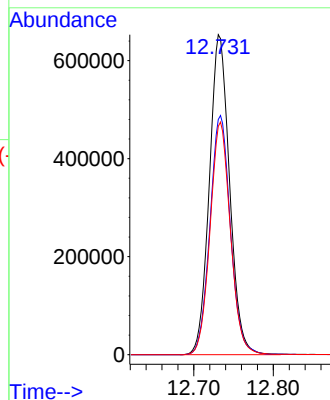
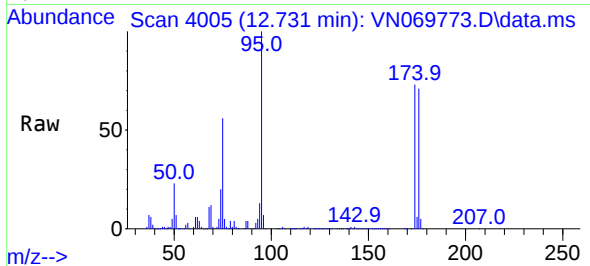




#62
4-Bromofluorobenzene
Concen: 54.302 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

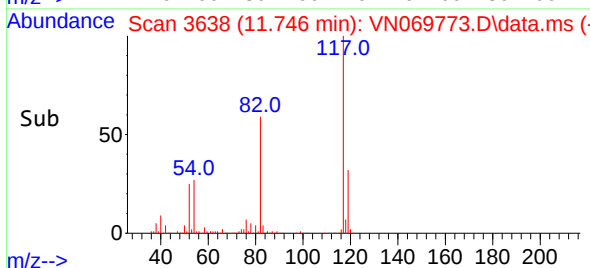
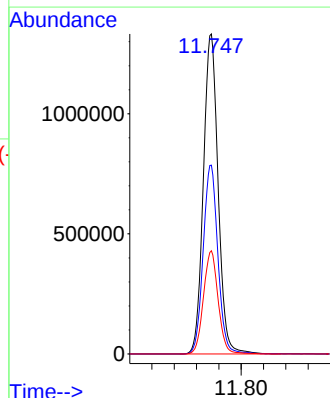
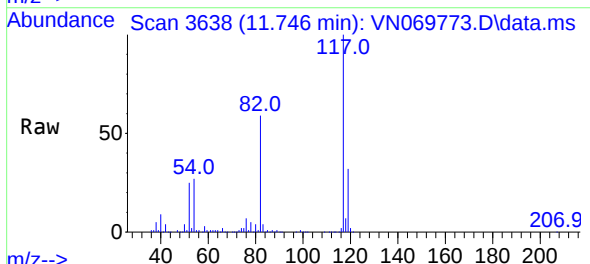
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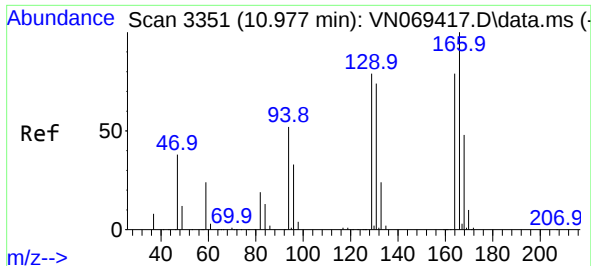
Tgt Ion: 95 Resp: 1153357
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

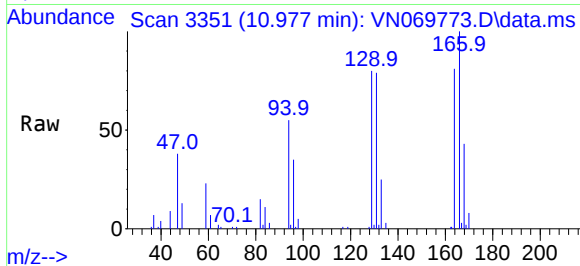
Tgt Ion: 117 Resp: 2447020
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.3 25.4 38.2



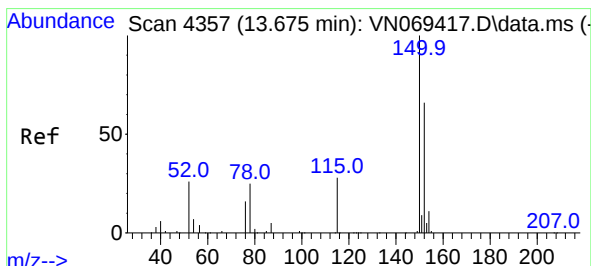
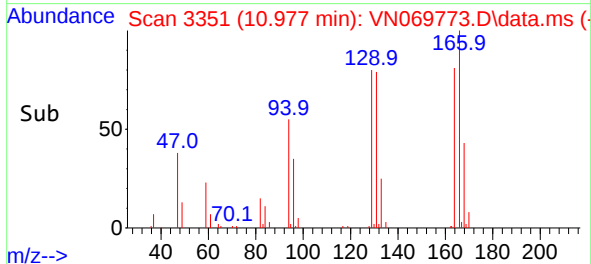
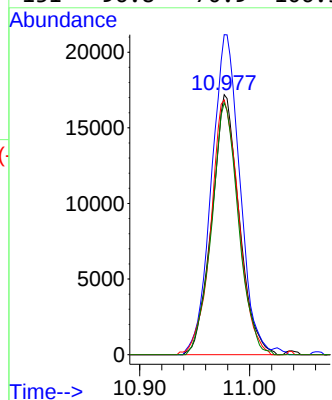


#64
Tetrachloroethene
Concen: 1.792 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:164 Resp: 29740
Ion Ratio Lower Upper
164 100
166 123.1 101.9 152.9
129 98.0 72.0 108.0
131 96.8 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069773.D
Acq: 4 Dec 2021 18:30

Tgt Ion:152 Resp: 939374
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 158.3 0.0 344.4

