

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069768.D
 Acq On : 4 Dec 2021 16:22
 Operator : JC/MD
 Sample : M4922-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20211130

Quant Time: Dec 06 00:17:22 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)

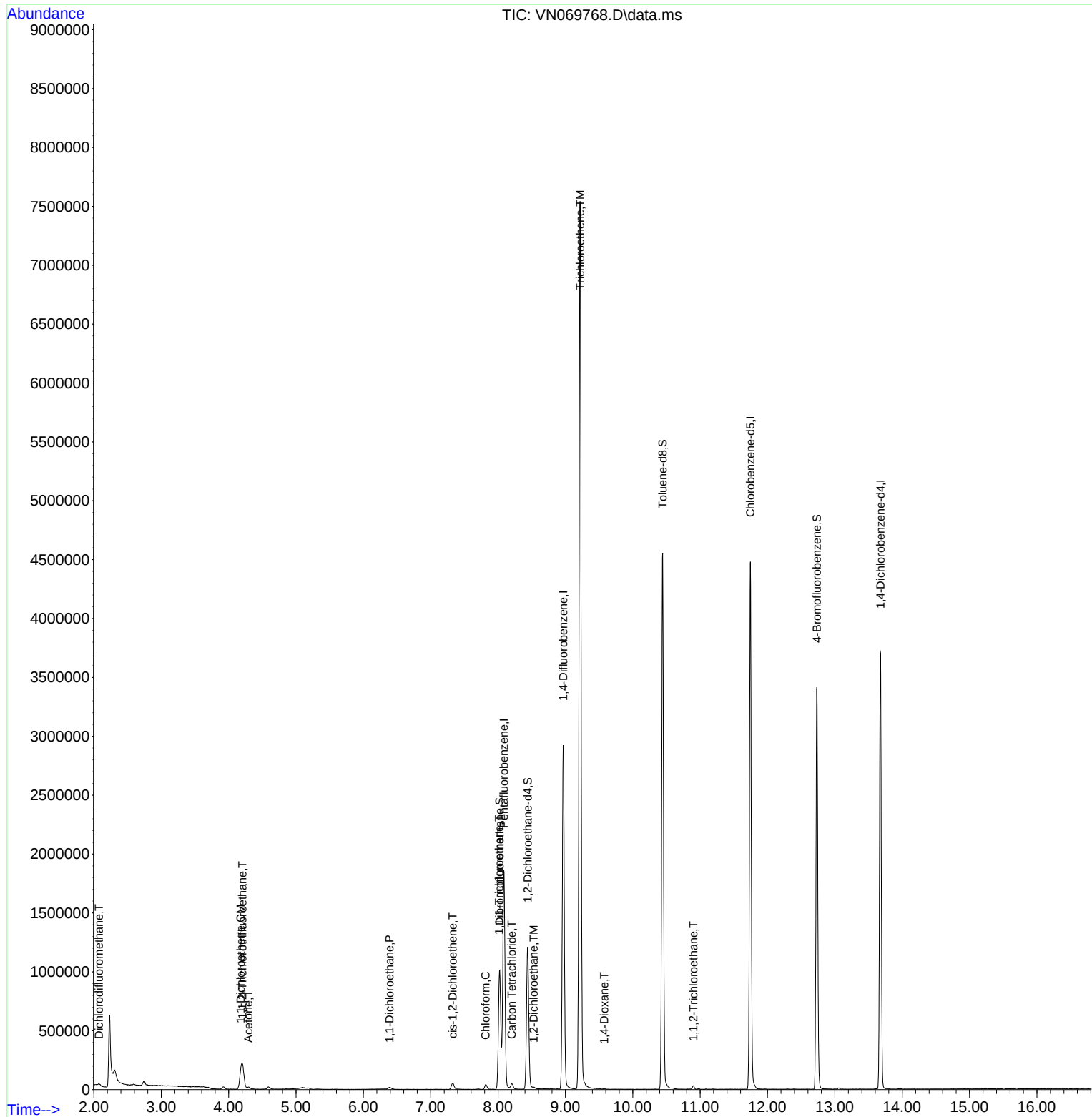
Internal Standards						
1) Pentafluorobenzene	8.088	168	1376694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2446228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2498094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	991969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1052702	49.525	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.040%
35) Dibromofluoromethane	8.024	113	737297	48.118	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.240%
50) Toluene-d8	10.443	98	3077807	50.025	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.733	95	1193527	53.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	12123	0.755	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.205	101	116984	8.596	ug/l	95
12) 1,1-Dichloroethene	4.181	96	54510	4.157	ug/l	92
16) Acetone	4.293	43	28450	2.225	ug/l	99
24) 1,1-Dichloroethane	6.388	63	19451	0.650	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	25289	1.470	ug/l	96
30) Chloroform	7.815	83	38842	1.285	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	9713	0.377	ug/l #	47
38) Carbon Tetrachloride	8.204	117	31182	1.365	ug/l	97
42) 1,2-Dichloroethane	8.528	62	7118	0.248	ug/l	87
44) Trichloroethene	9.217	130	2639304	155.351	ug/l	92
49) 1,4-Dioxane	9.577	88	4551	10.596	ug/l #	77
55) 1,1,2-Trichloroethane	10.899	97	9047	0.516	ug/l #	86

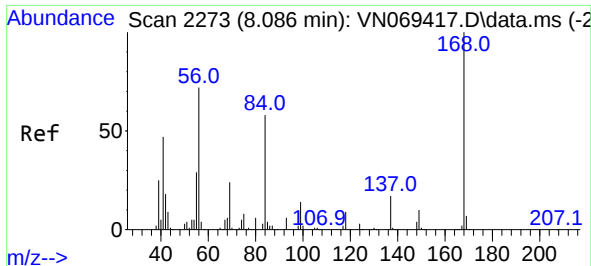
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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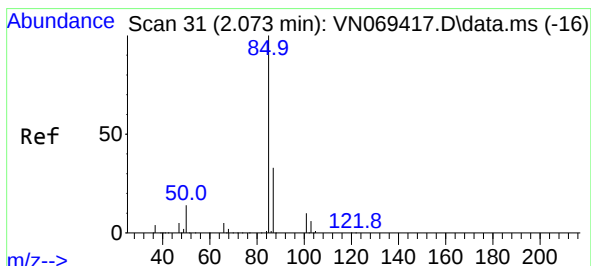
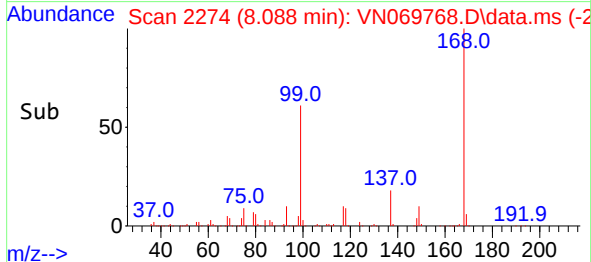
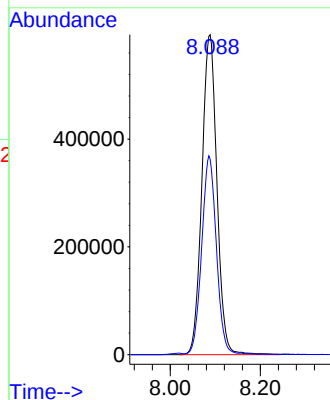
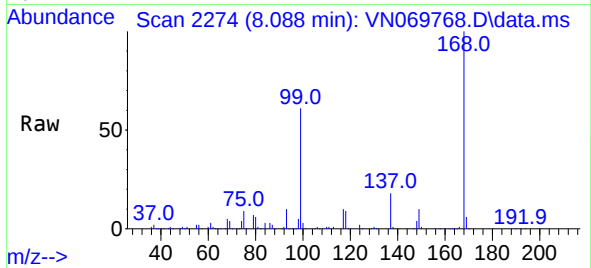




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

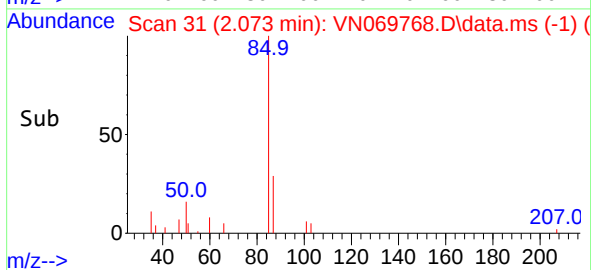
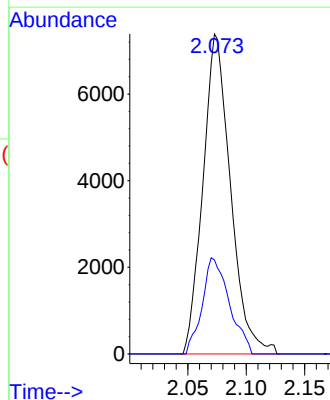
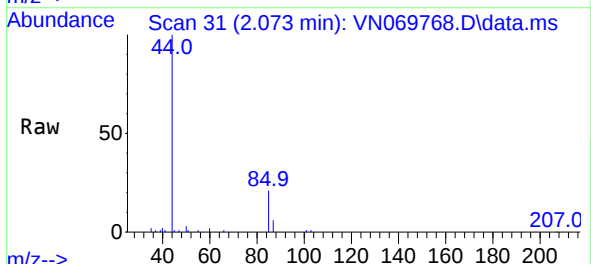
Instrument :
MSVOA_N
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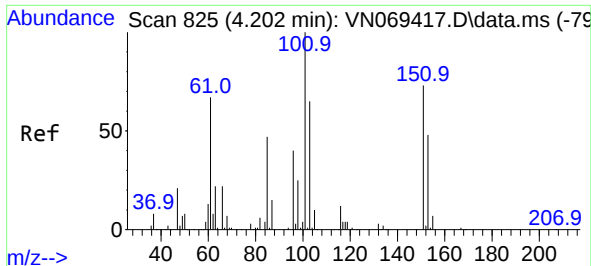
Tgt Ion:168 Resp: 1376694
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.755 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 85 Resp: 12123
Ion Ratio Lower Upper
85 100
87 29.4 16.3 48.9

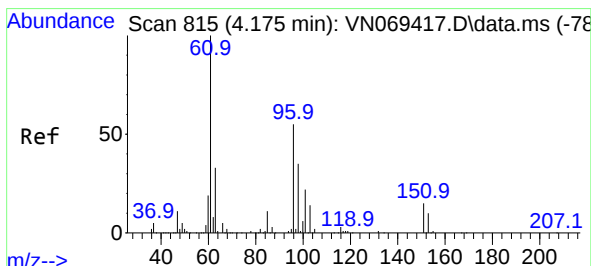
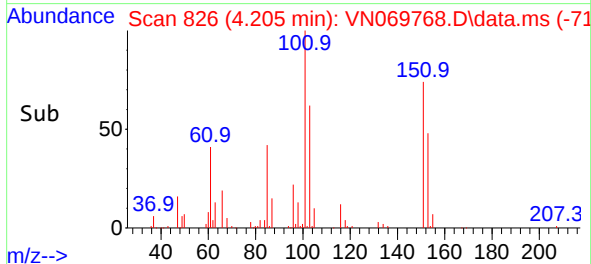
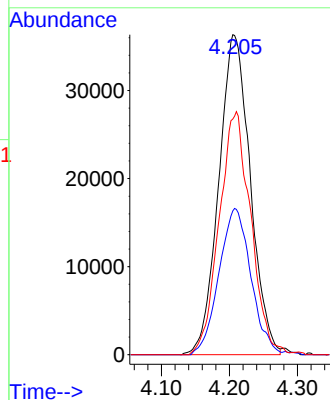
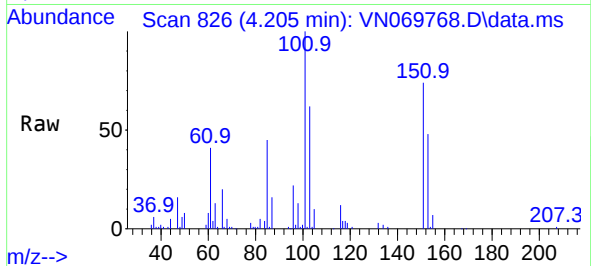




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.596 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

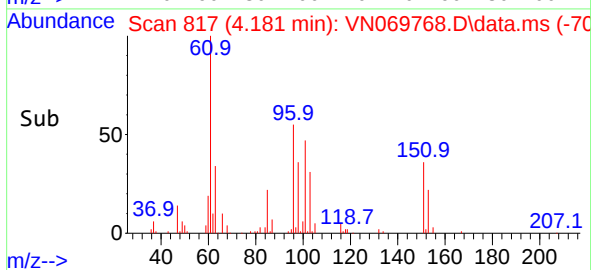
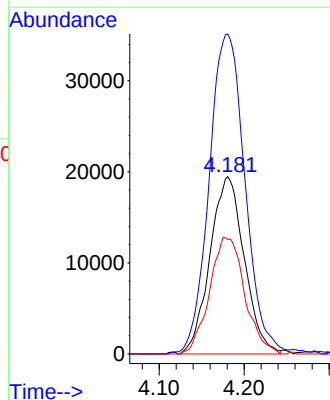
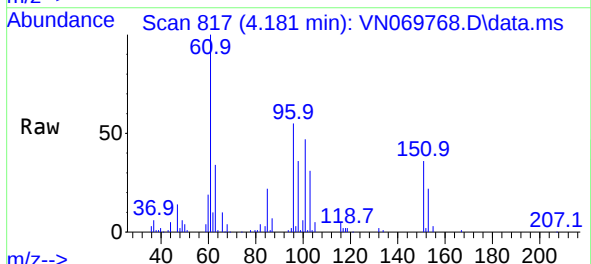
Instrument :
MSVOA_N
ClientSampleId :
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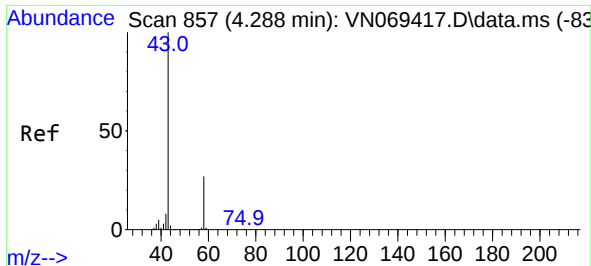
Tgt Ion:101 Resp: 116984
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 76.1 65.9 98.9



#12
1,1-Dichloroethene
Concen: 4.157 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 96 Resp: 54510
Ion Ratio Lower Upper
96 100
61 178.9 131.0 196.6
98 64.6 52.4 78.6

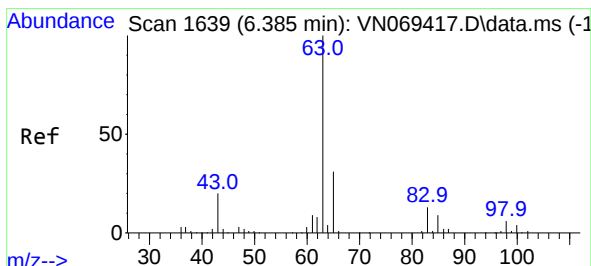
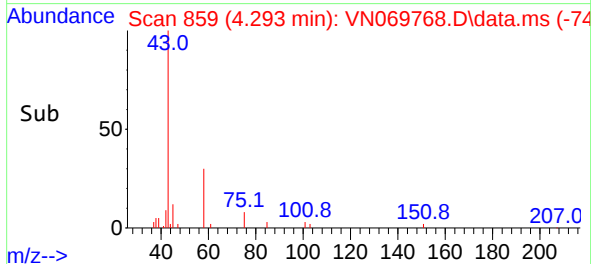
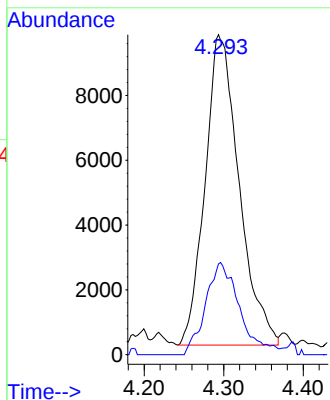
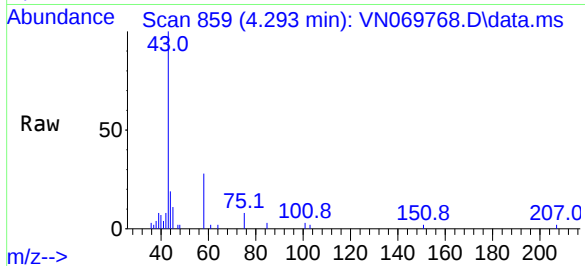




#16
Acetone
Concen: 2.225 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

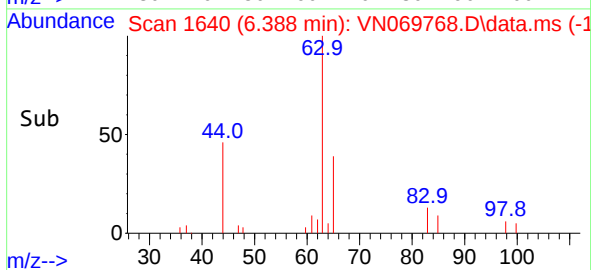
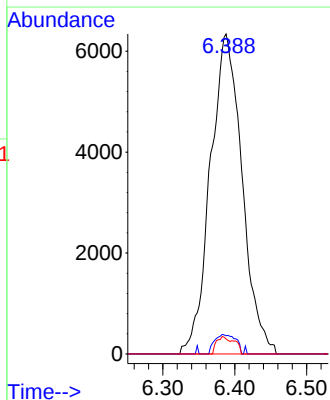
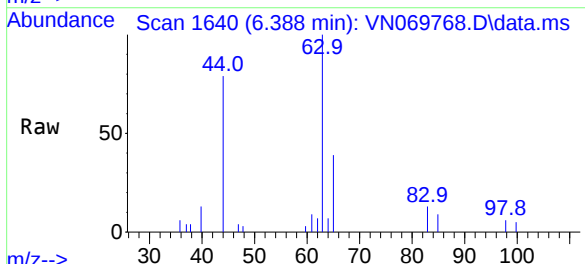
Instrument :
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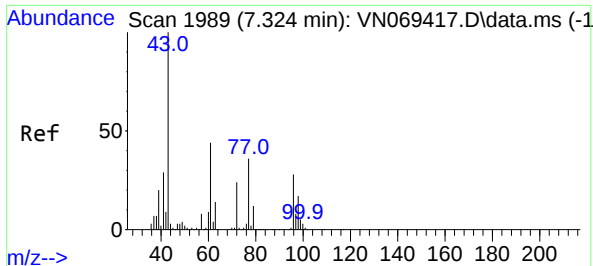
Tgt Ion: 43 Resp: 28450
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7



#24
1,1-Dichloroethane
Concen: 0.650 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 63 Resp: 19451
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 4.7 2.1 6.5

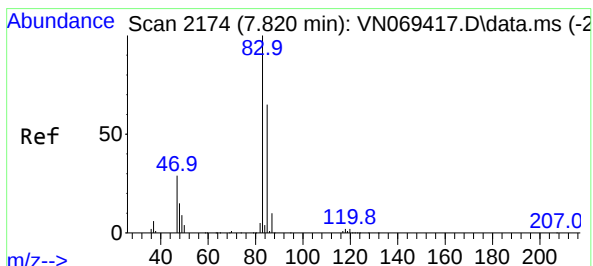
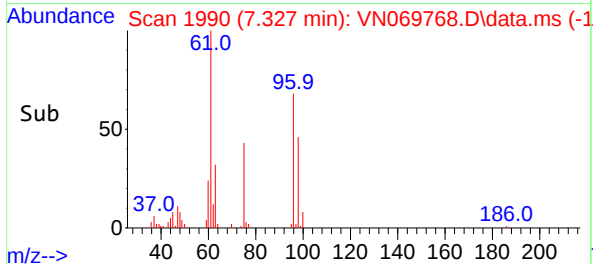
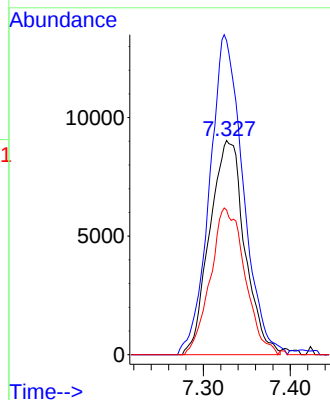
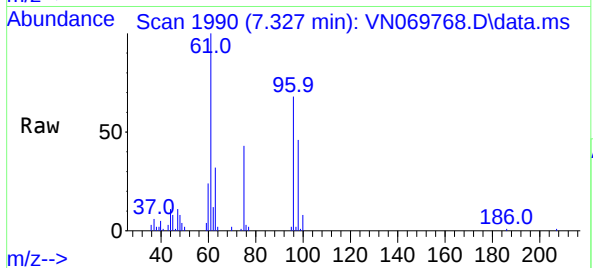




#27
 cis-1,2-Dichloroethene
 Concen: 1.470 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069768.D
 Acq: 4 Dec 2021 16:22

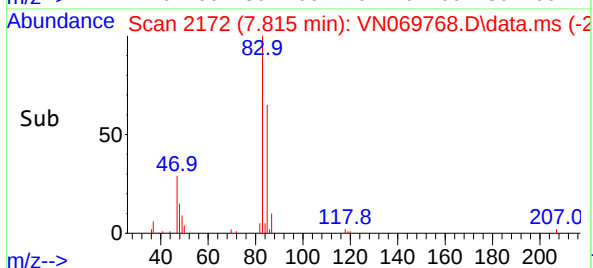
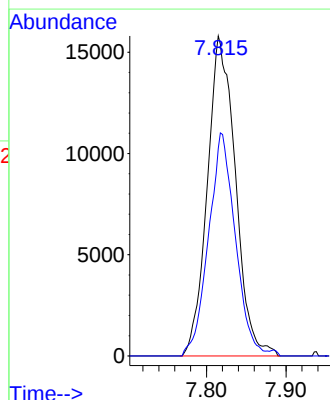
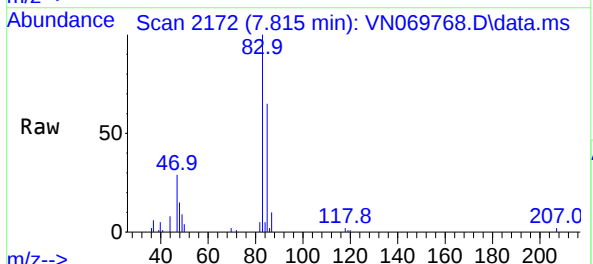
Instrument :
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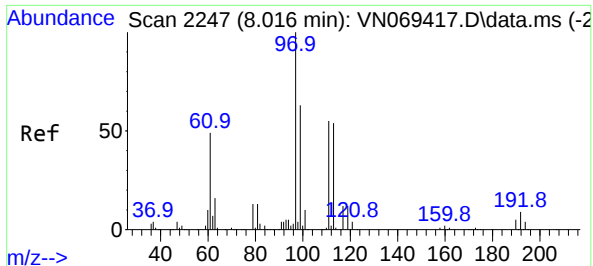
Tgt Ion:	96	Resp:	25289
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	275.0
98	67.4	0.0	129.6



#30
 Chloroform
 Concen: 1.285 ug/l
 RT: 7.815 min Scan# 2172
 Delta R.T. -0.005 min
 Lab File: VN069768.D
 Acq: 4 Dec 2021 16:22

Tgt Ion:	83	Resp:	38842
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9

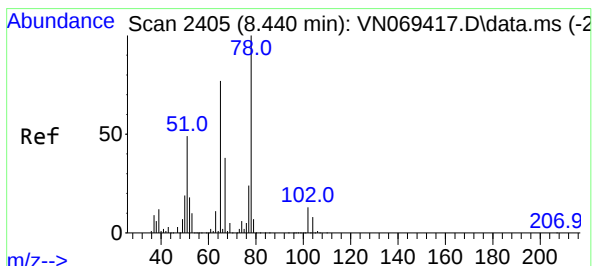
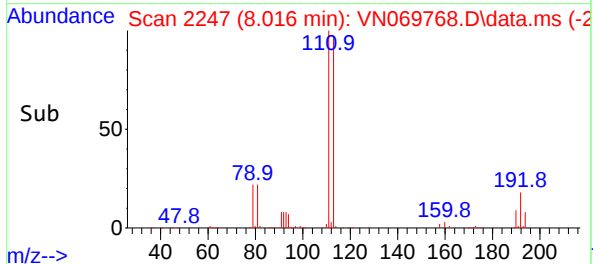
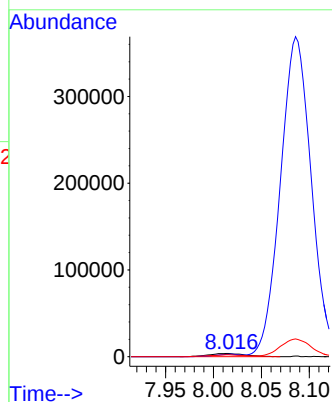
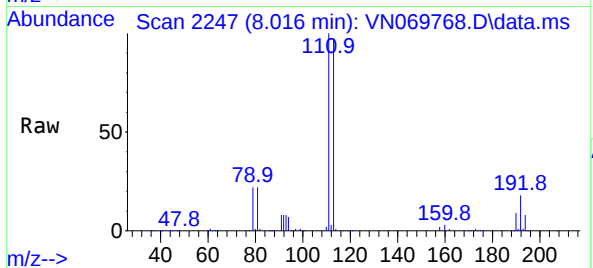




#32
1,1,1-Trichloroethane
Concen: 0.377 ug/l
RT: 8.016 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

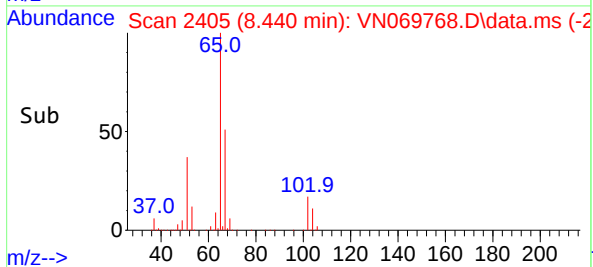
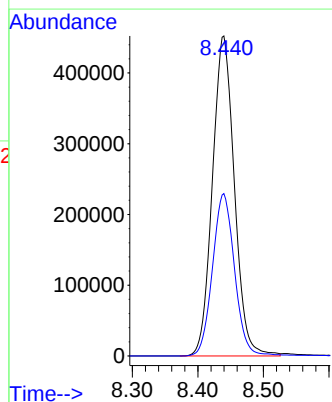
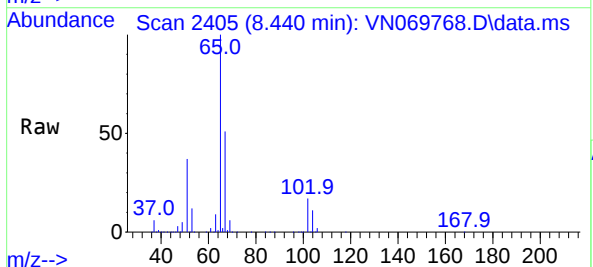
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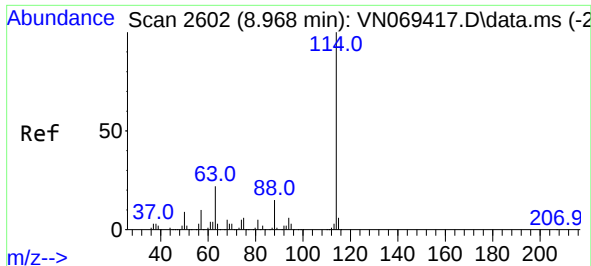
Tgt Ion: 97 Resp: 9713
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 52.4 35.2 52.8



#33
1,2-Dichloroethane-d4
Concen: 49.525 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

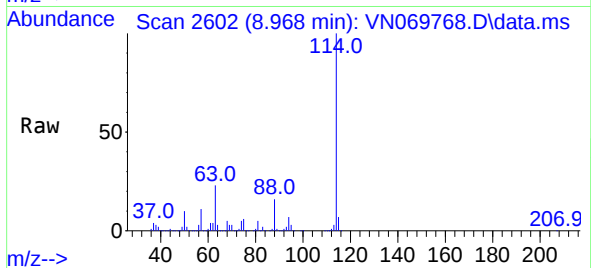
Tgt Ion: 65 Resp: 1052702
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





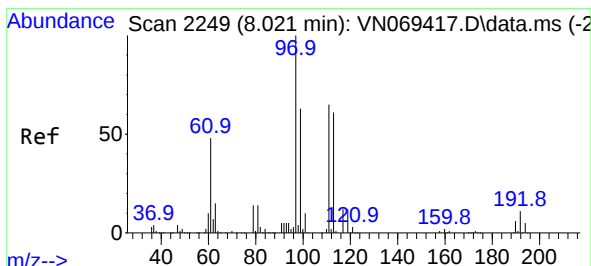
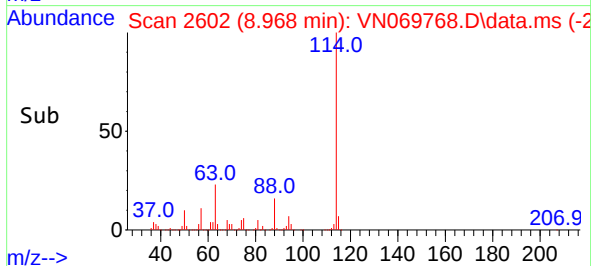
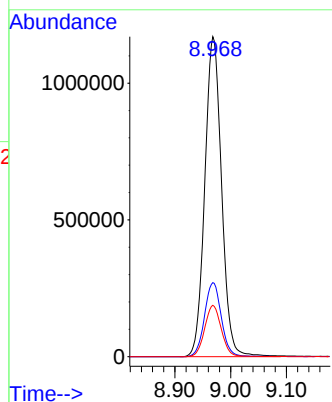
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Instrument :
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Tgt Ion:114 Resp: 2446228

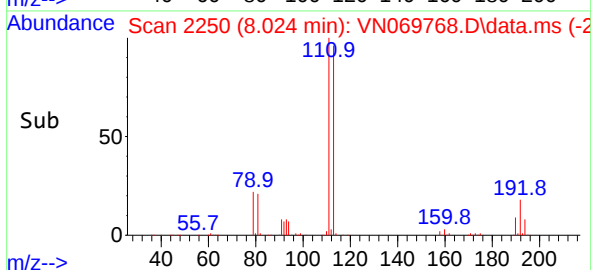
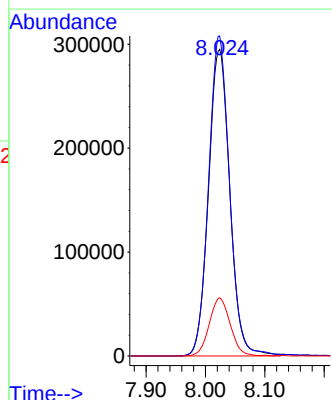
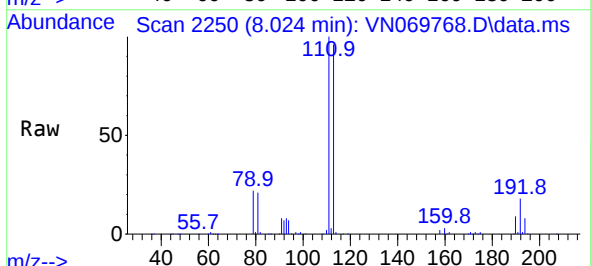
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.8
88	16.1	0.0	27.4

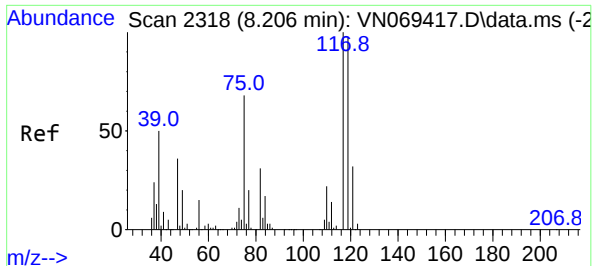


#35
Dibromofluoromethane
Concen: 48.118 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion:113 Resp: 737297

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	18.6	16.9	25.3

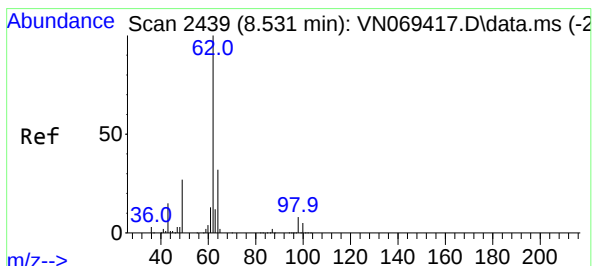
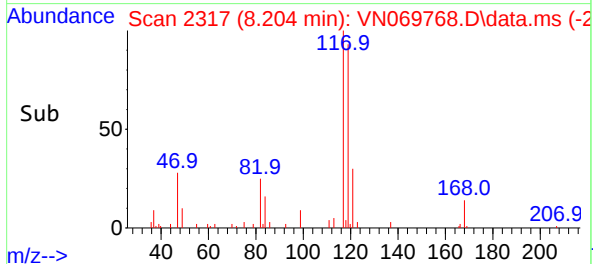
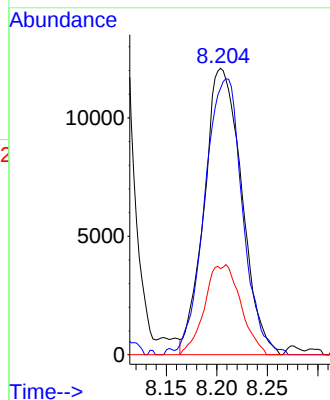
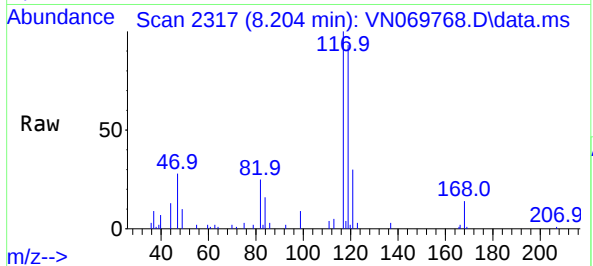




#38
Carbon Tetrachloride
Concen: 1.365 ug/l
RT: 8.204 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

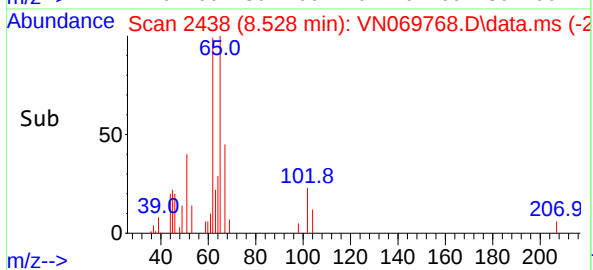
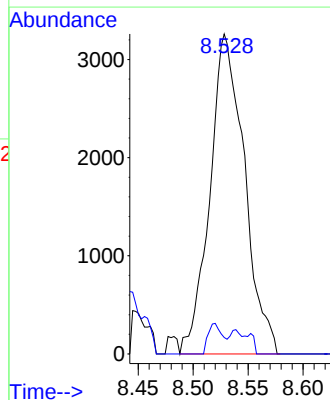
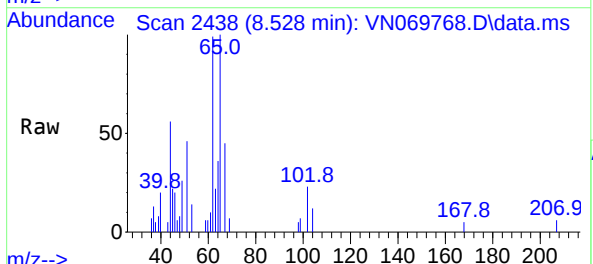
Instrument :
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DUP02-20211130

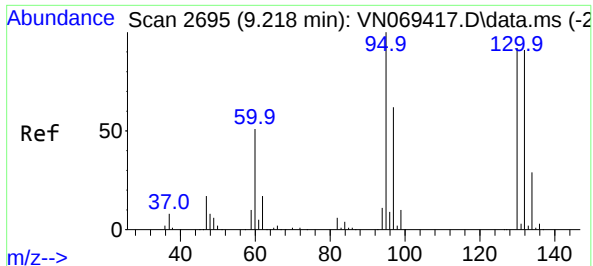
Tgt Ion:117 Resp: 31182
Ion Ratio Lower Upper
117 100
119 91.2 76.1 114.1
121 30.1 24.2 36.2



#42
1,2-Dichloroethane
Concen: 0.248 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 62 Resp: 7118
Ion Ratio Lower Upper
62 100
98 4.0 0.0 17.6

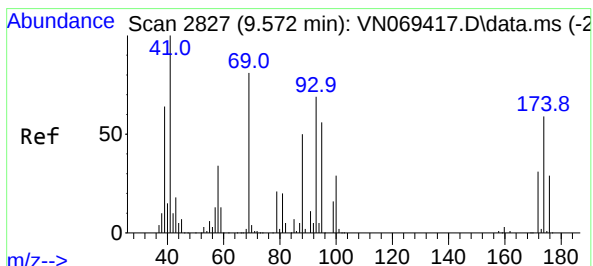
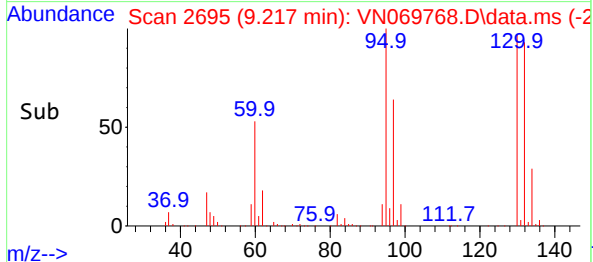
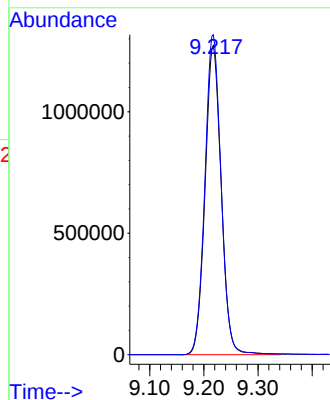
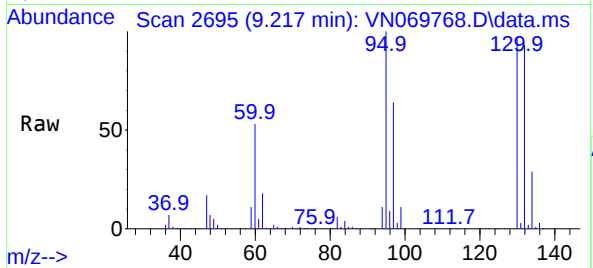




#44
Trichloroethene
Concen: 155.351 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

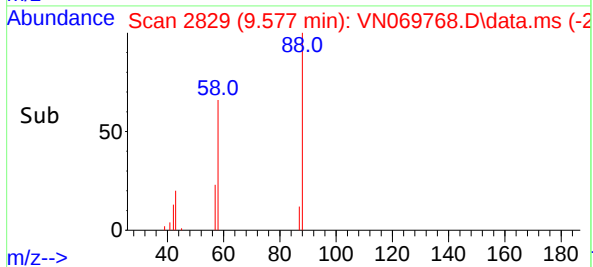
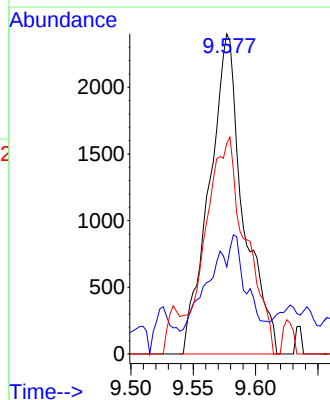
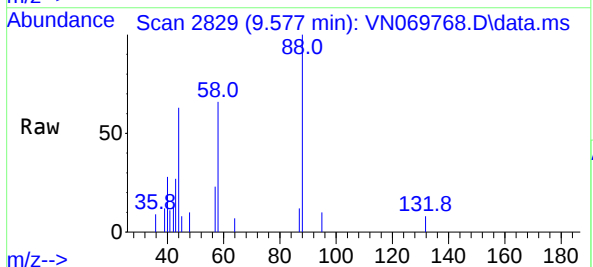
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20211130

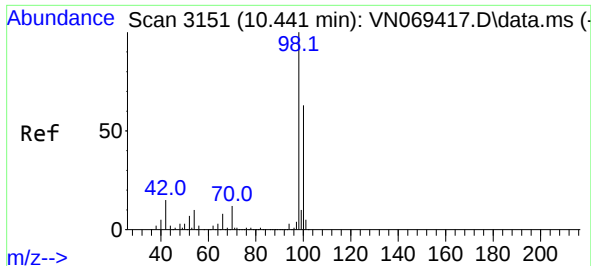
Tgt Ion:130 Resp: 2639304
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2



#49
1,4-Dioxane
Concen: 10.596 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 88 Resp: 4551
Ion Ratio Lower Upper
88 100
43 13.7 23.4 35.2#
58 78.5 50.6 75.8#

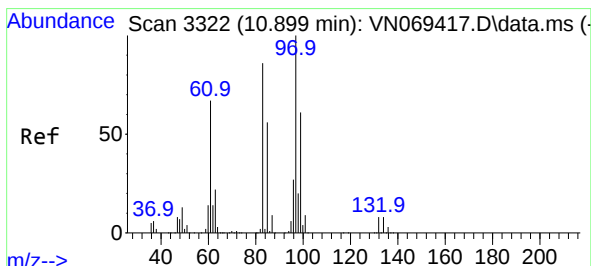
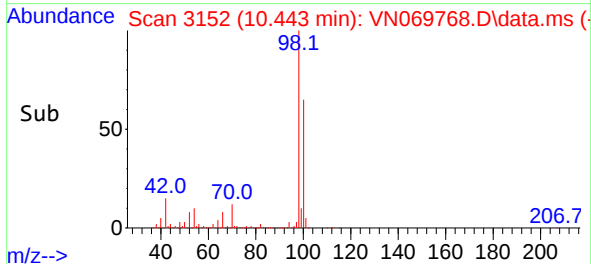
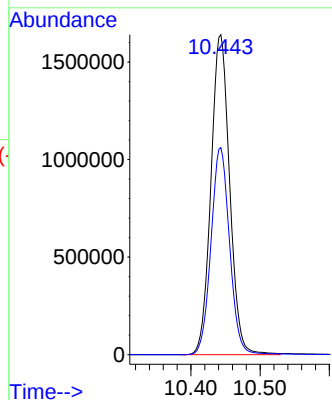
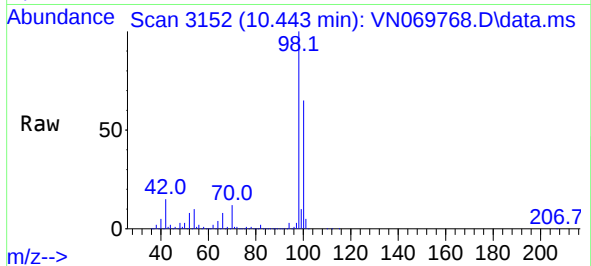




#50
Toluene-d8
Concen: 50.025 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

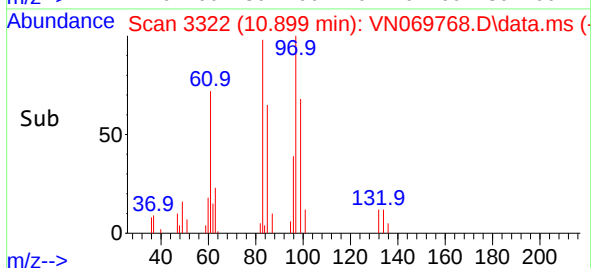
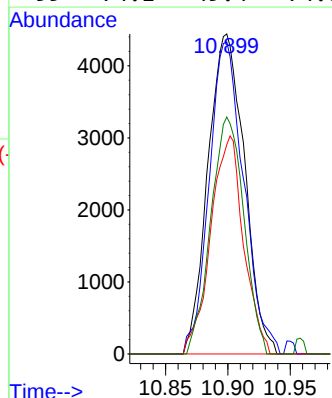
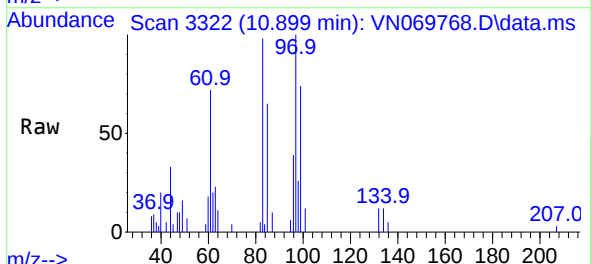
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20211130

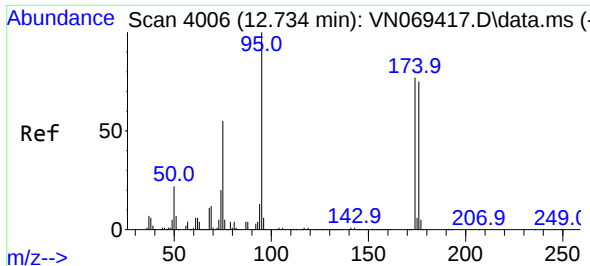
Tgt Ion: 98 Resp: 3077807
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#55
1,1,2-Trichloroethane
Concen: 0.516 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

Tgt Ion: 97 Resp: 9047
Ion Ratio Lower Upper
97 100
83 97.5 67.8 101.6
85 65.4 45.4 68.2
99 74.1 49.4 74.0#

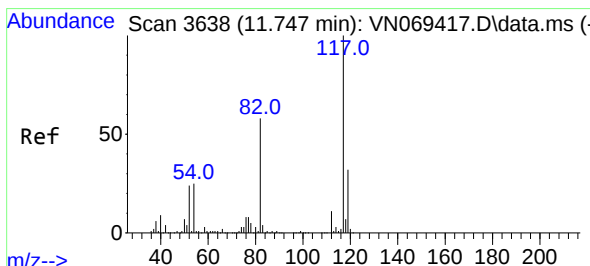
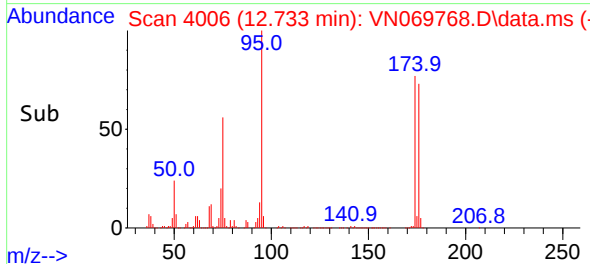
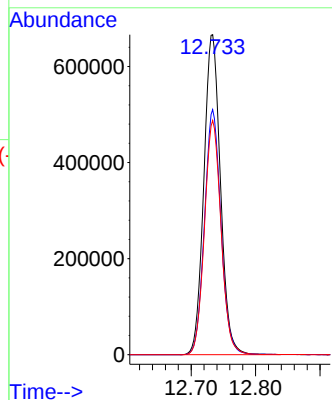
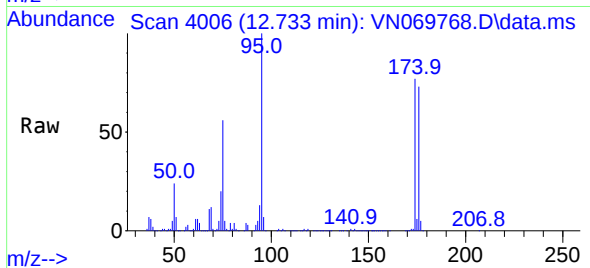




#62
4-Bromofluorobenzene
Concen: 53.547 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

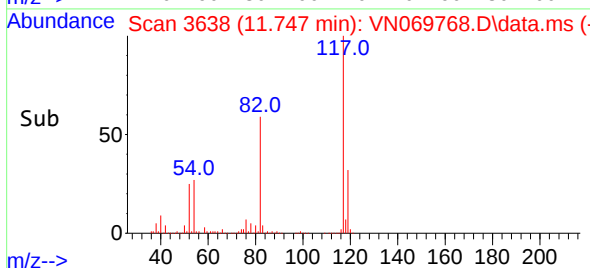
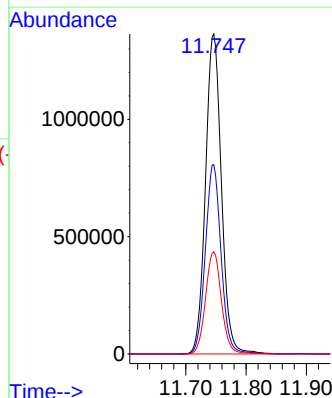
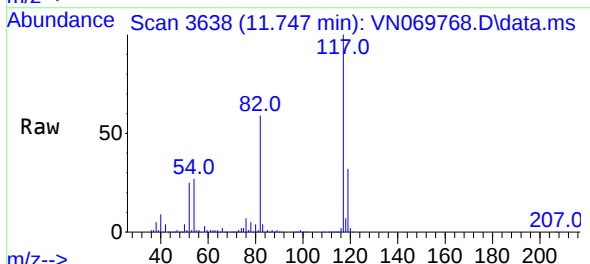
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20211130

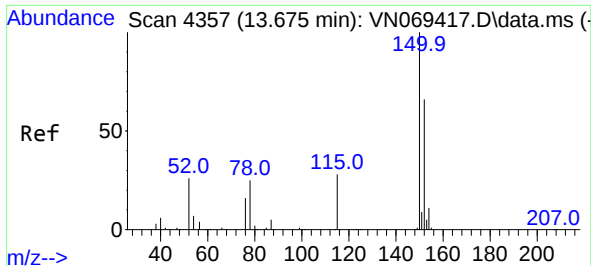
Tgt Ion: 95 Resp: 1193527
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069768.D
Acq: 4 Dec 2021 16:22

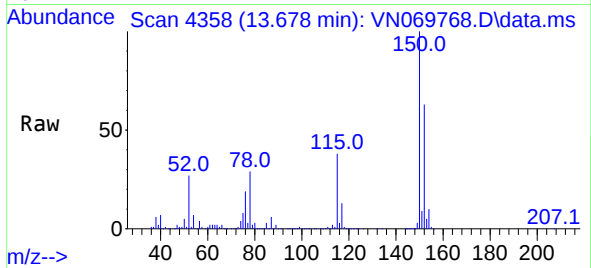
Tgt Ion: 117 Resp: 2498094
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069768.D
 Acq: 4 Dec 2021 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20211130



Tgt Ion:152 Resp: 991969
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 156.5 0.0 344.4

