

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069723.D
 Acq On : 3 Dec 2021 17:20
 Operator : JC/MD
 Sample : M4922-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20211130

Quant Time: Dec 04 05:34:15 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

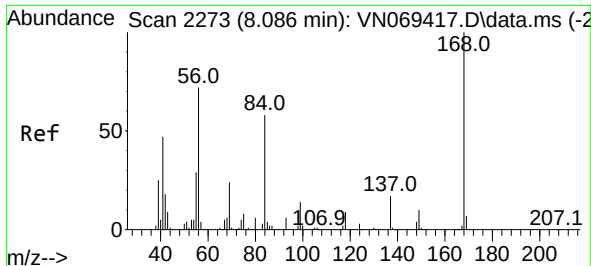
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1374439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2420614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2461013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	929591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1046845	49.330	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.660%
35) Dibromofluoromethane	8.024	113	721845	47.608	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.220%
50) Toluene-d8	10.443	98	3058903	50.244	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.731	95	1142967	51.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	4974	0.248	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.205	101	43229	3.182	ug/l #	72
12) 1,1-Dichloroethene	4.178	96	27002	2.062	ug/l	92
16) Acetone	4.296	43	23666	1.854	ug/l	100
24) 1,1-Dichloroethane	6.385	63	11243	0.376	ug/l #	88
27) cis-1,2-Dichloroethene	7.329	96	16498	0.960	ug/l	91
30) Chloroform	7.820	83	14275	0.473	ug/l	96
38) Carbon Tetrachloride	8.198	117	16756	0.742	ug/l	90
44) Trichloroethene	9.217	130	1695602	100.860	ug/l	92
55) 1,1,2-Trichloroethane	10.896	97	10911	0.629	ug/l	97

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

Quant Time: Dec 04 05:34:15 2021
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Response via : Initial Calibration

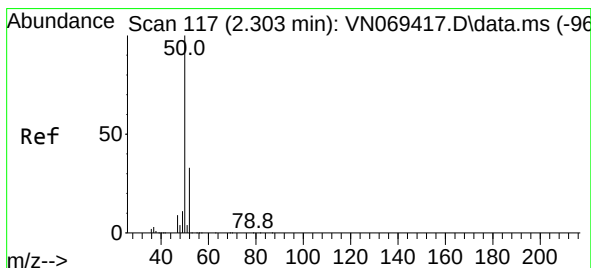
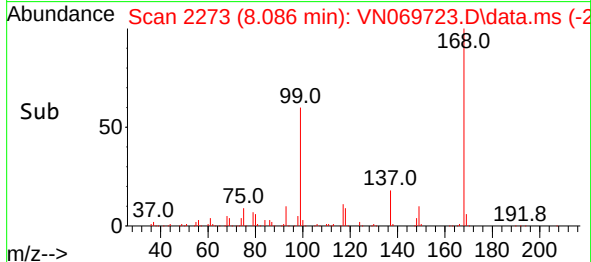
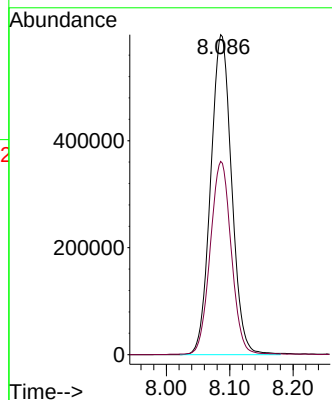
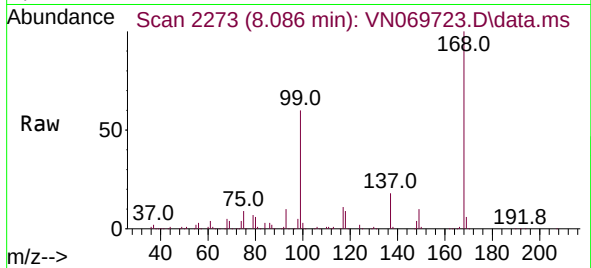




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

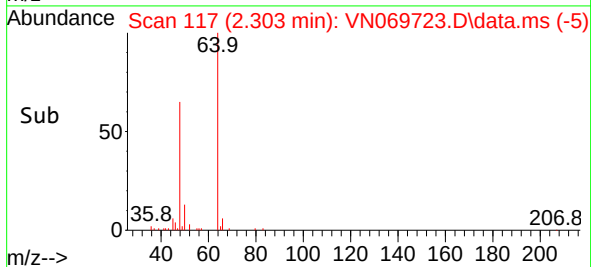
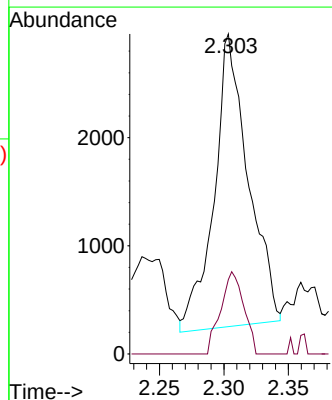
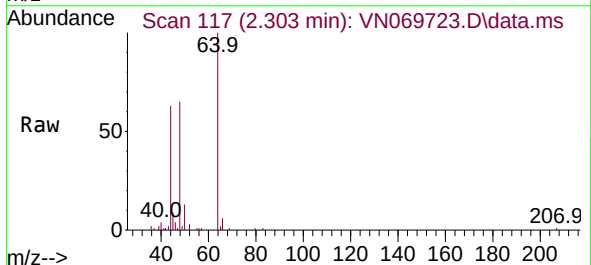
Instrument :
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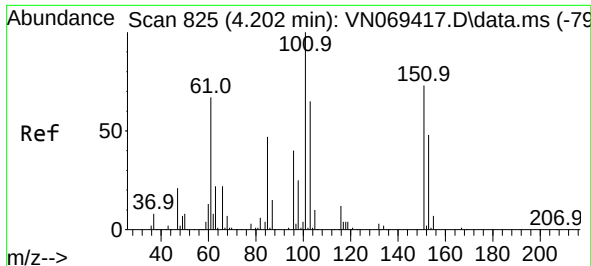
Tgt Ion:168 Resp: 1374439
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#3
Chloromethane
Concen: 0.248 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Tgt Ion: 50 Resp: 4974
Ion Ratio Lower Upper
50 100
52 26.0 25.4 38.0

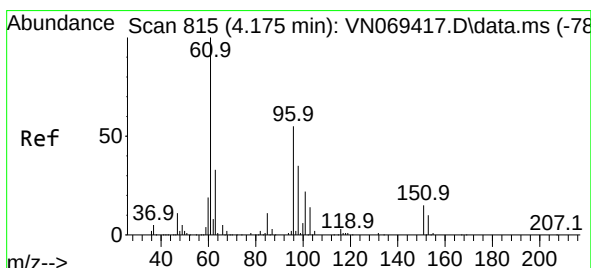
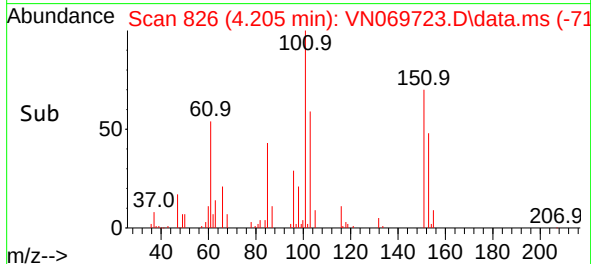
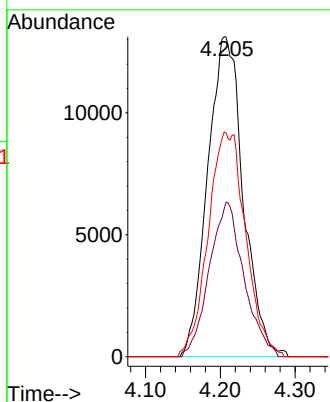
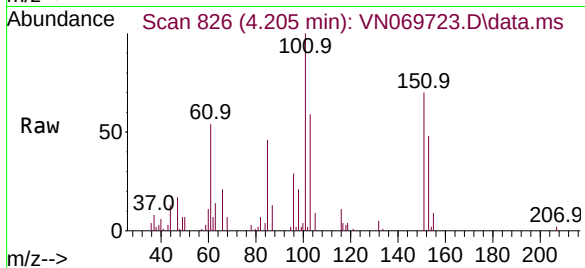




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.182 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

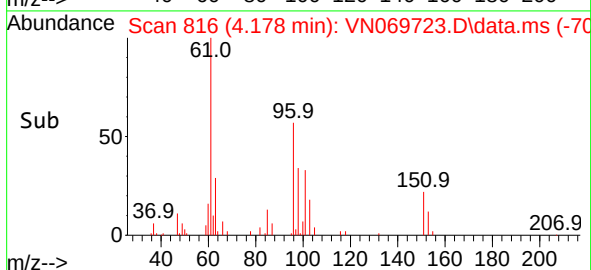
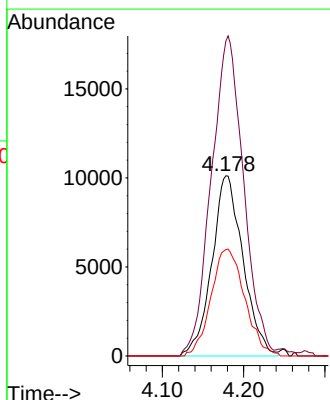
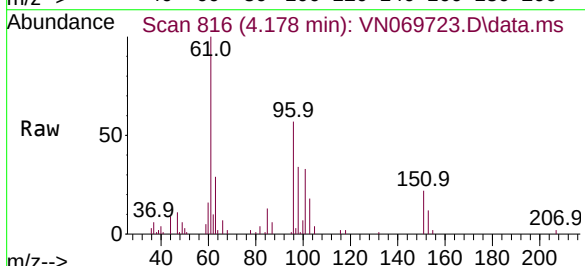
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ClientSampleId :
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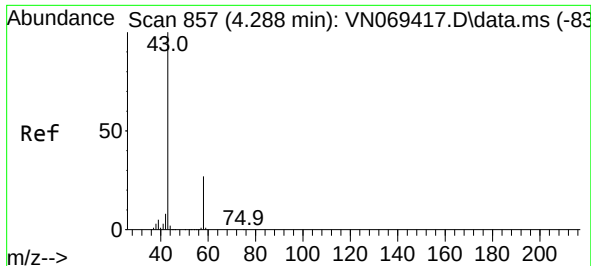
Tgt Ion:101 Resp: 43229
Ion Ratio Lower Upper
101 100
85 47.1 37.2 55.8
151 43.6 65.9 98.9#



#12
1,1-Dichloroethene
Concen: 2.062 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Tgt Ion: 96 Resp: 27002
Ion Ratio Lower Upper
96 100
61 174.8 131.0 196.6
98 59.1 52.4 78.6

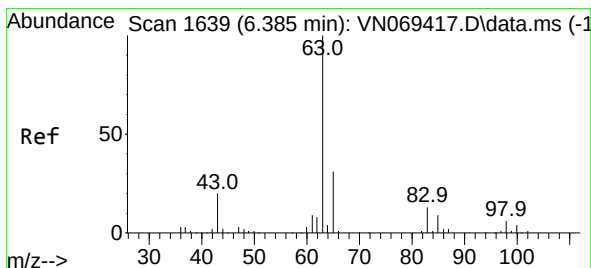
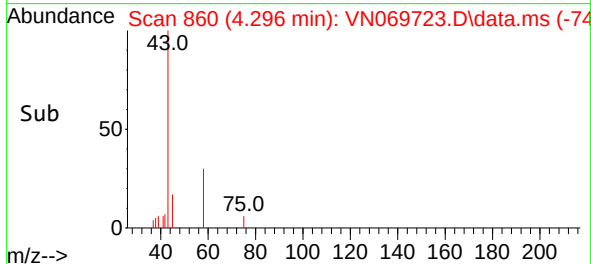
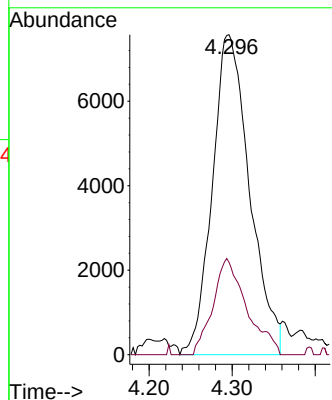
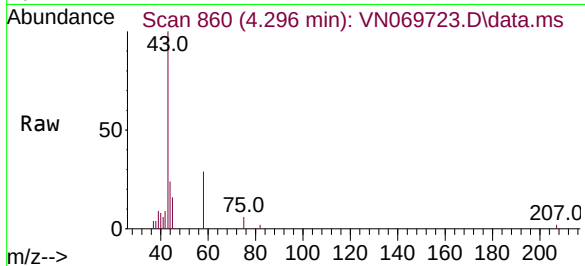




#16
Acetone
Concen: 1.854 ug/l
RT: 4.296 min Scan# 857
Delta R.T. 0.006 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

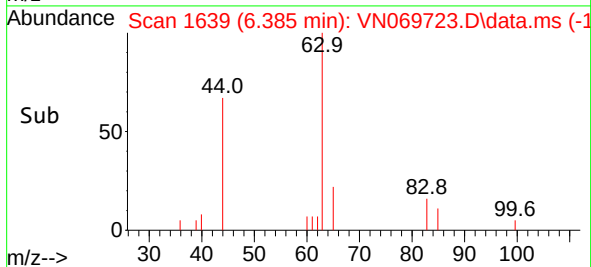
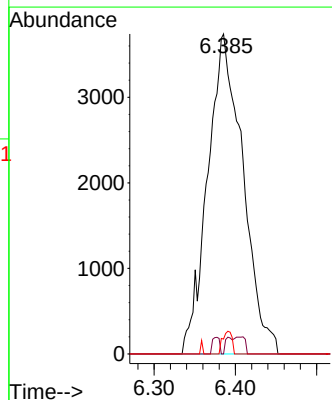
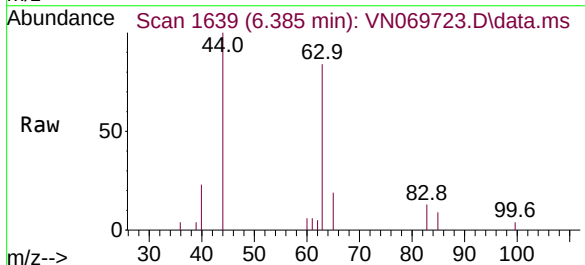
Instrument :
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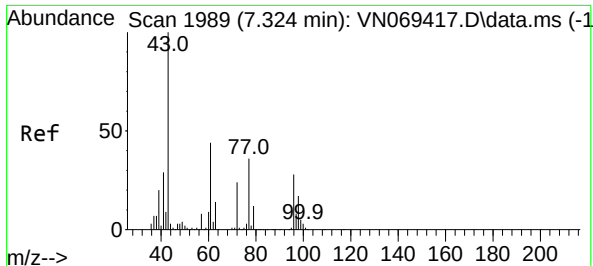
Tgt Ion: 43 Resp: 23666
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7



#24
1,1-Dichloroethane
Concen: 0.376 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. -0.002 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Tgt Ion: 63 Resp: 11243
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 4.7 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 0.960 ug/l

RT: 7.329 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069723.D

Acq: 3 Dec 2021 17:20

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20211130

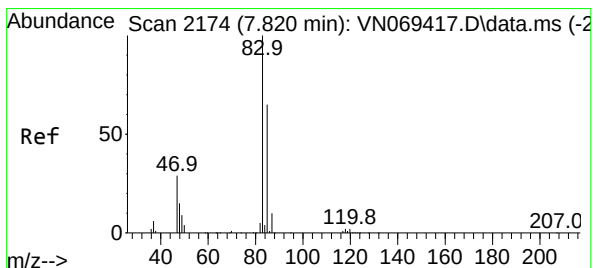
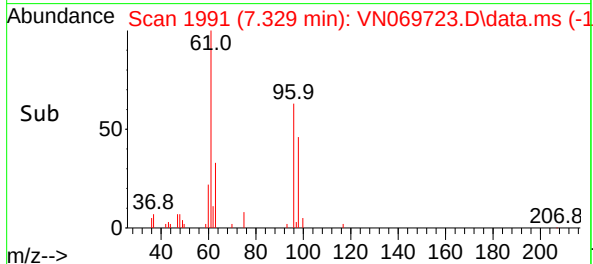
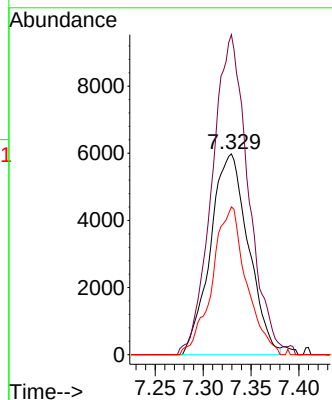
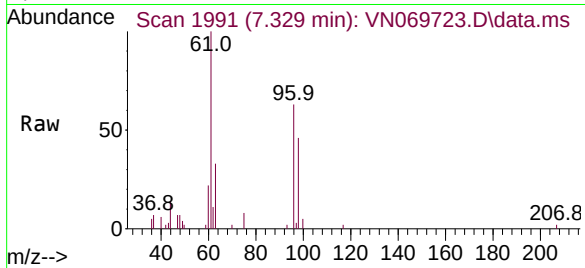
Tgt Ion: 96 Resp: 16498

Ion Ratio Lower Upper

96 100

61 152.1 0.0 275.0

98 65.9 0.0 129.6



#30

Chloroform

Concen: 0.473 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069723.D

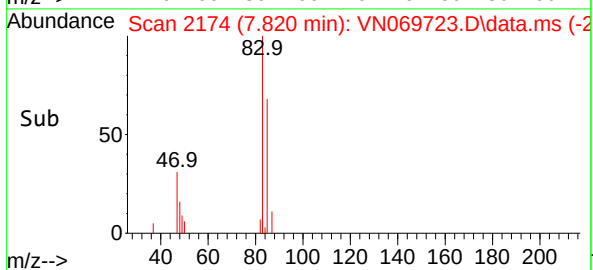
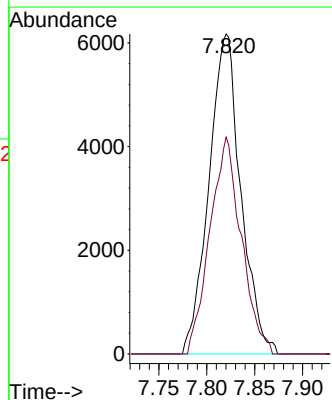
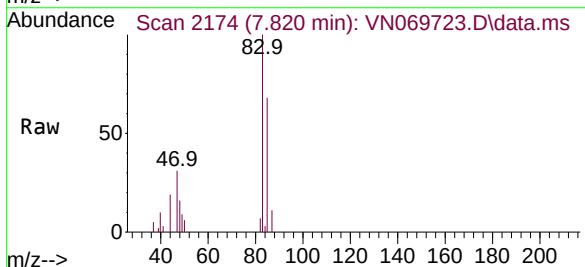
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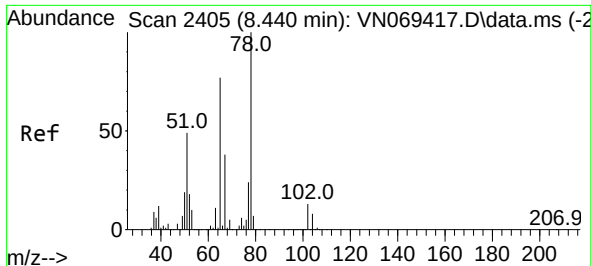
Tgt Ion: 83 Resp: 14275

Ion Ratio Lower Upper

83 100

85 67.8 51.9 77.9

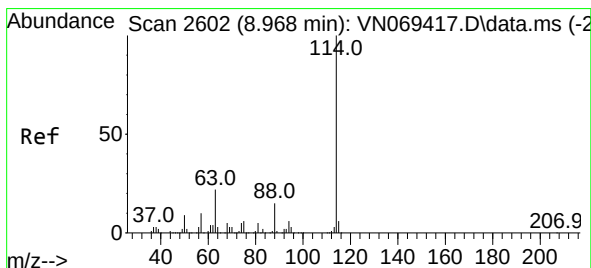
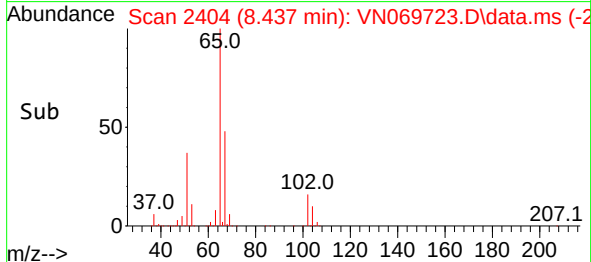
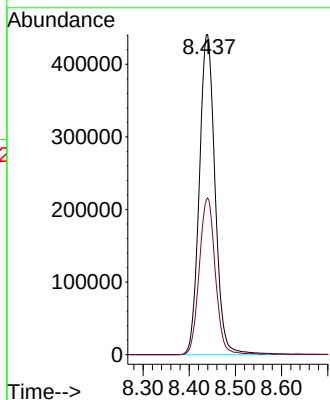
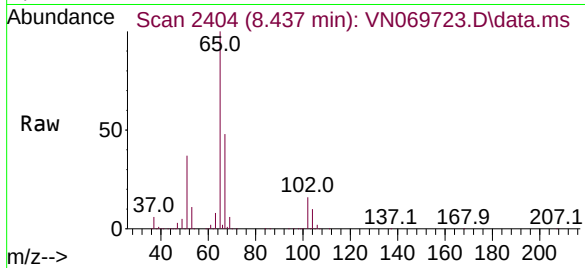




#33
 1,2-Dichloroethane-d4
 Concen: 49.330 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069723.D
 Acq: 3 Dec 2021 17:20

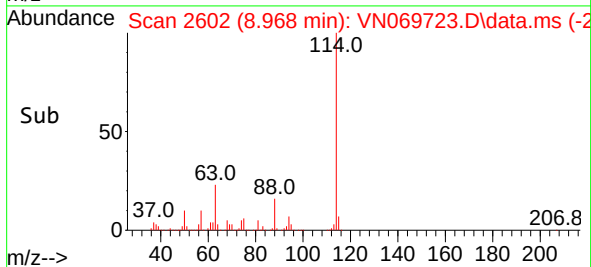
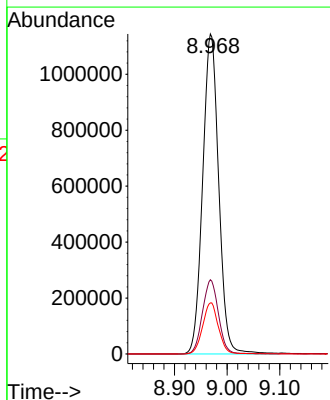
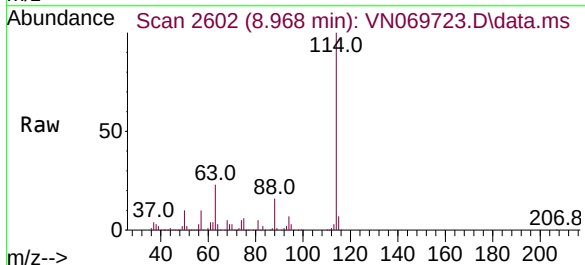
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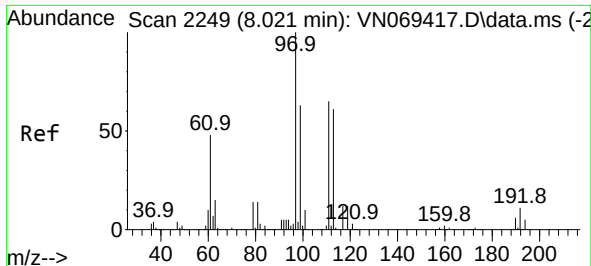
Tgt Ion: 65 Resp: 1046845
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069723.D
 Acq: 3 Dec 2021 17:20

Tgt Ion: 114 Resp: 2420614
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.8
 88 16.0 0.0 27.4

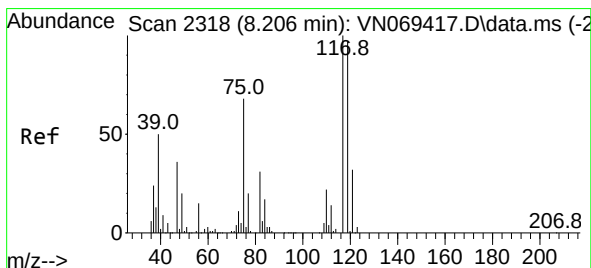
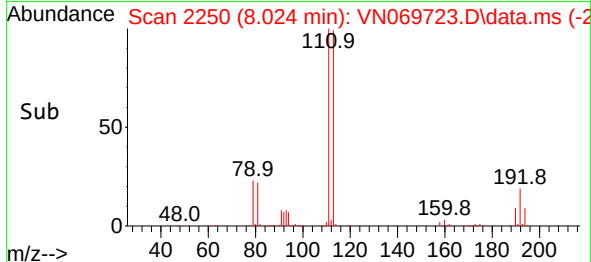
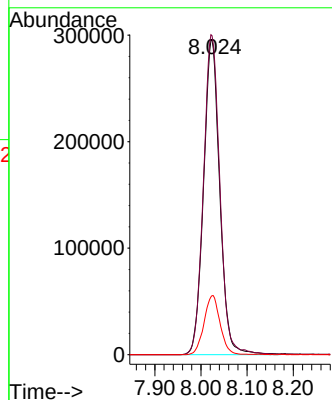
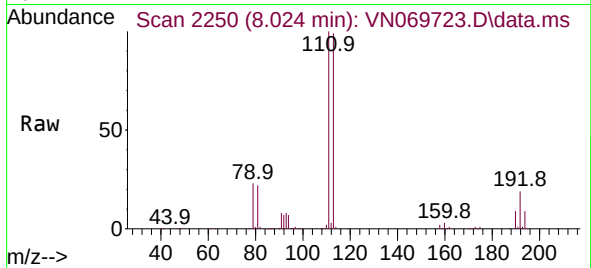




#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

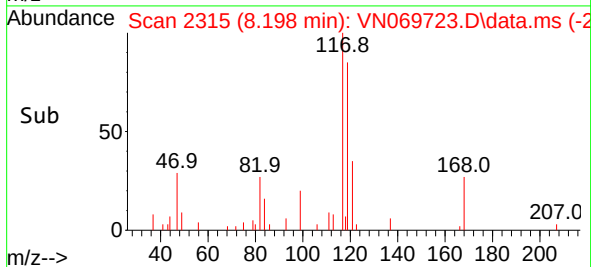
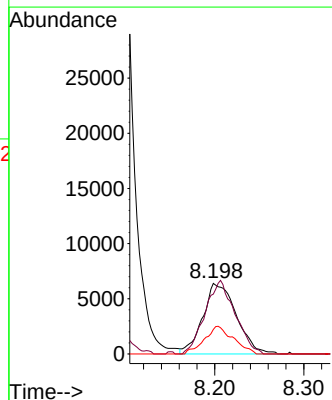
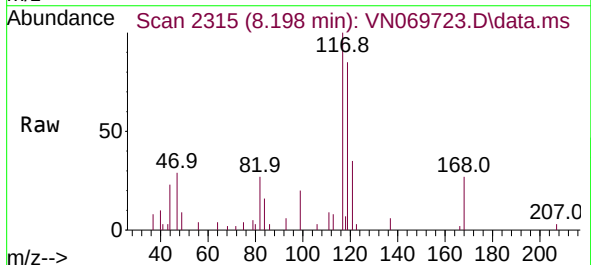
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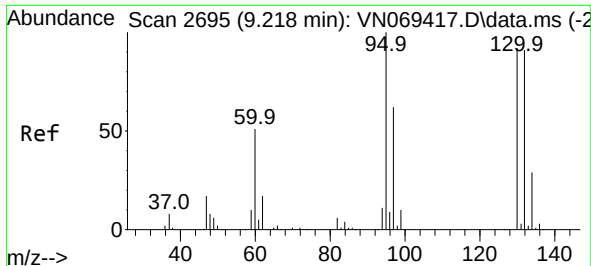
Tgt Ion:113 Resp: 721845
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.6 16.9 25.3



#38
Carbon Tetrachloride
Concen: 0.742 ug/l
RT: 8.198 min Scan# 2315
Delta R.T. -0.008 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Tgt Ion:117 Resp: 16756
Ion Ratio Lower Upper
117 100
119 84.8 76.1 114.1
121 34.7 24.2 36.2





#44

Trichloroethene

Concen: 100.860 ug/l

RT: 9.217 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN069723.D

Acq: 3 Dec 2021 17:20

Instrument :

MSVOA_N

ClientSampleId :

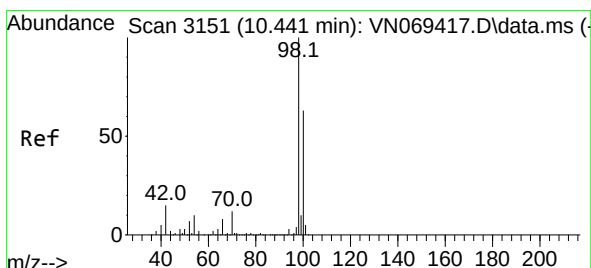
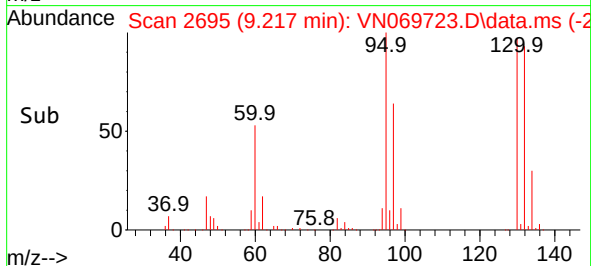
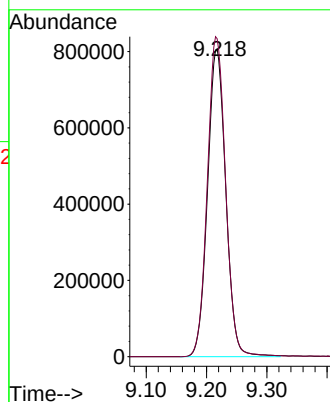
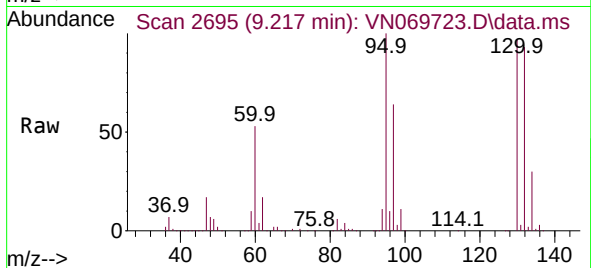
RE139D1-20211130

Tgt Ion:130 Resp: 1695602

Ion Ratio Lower Upper

130 100

95 103.3 0.0 191.2



#50

Toluene-d8

Concen: 50.244 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069723.D

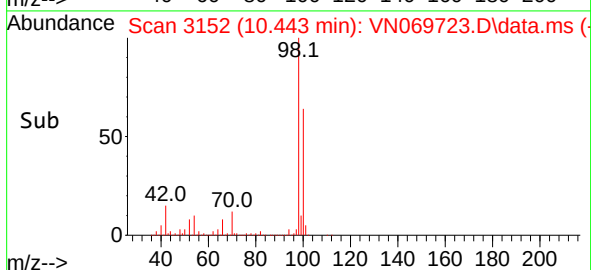
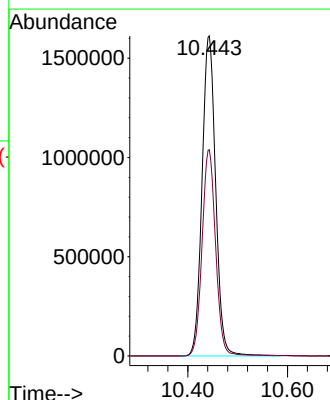
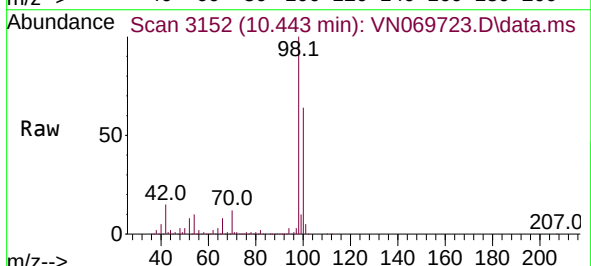
Acq: 3 Dec 2021 17:20

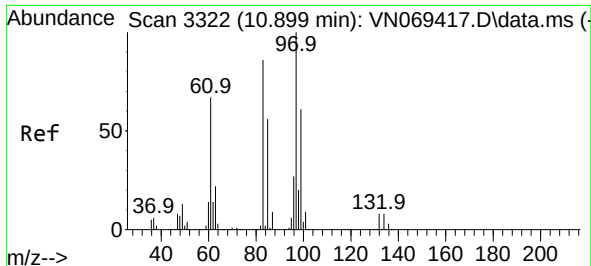
Tgt Ion: 98 Resp: 3058903

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6

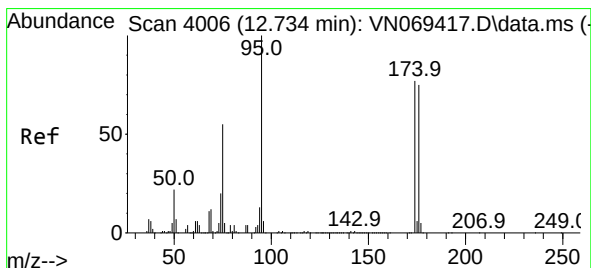
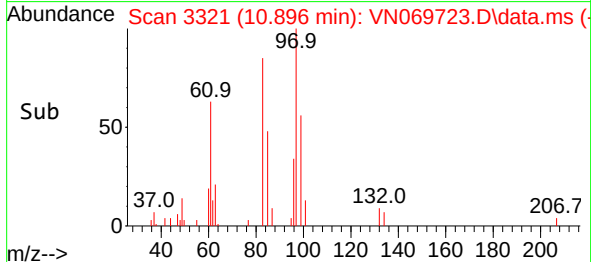
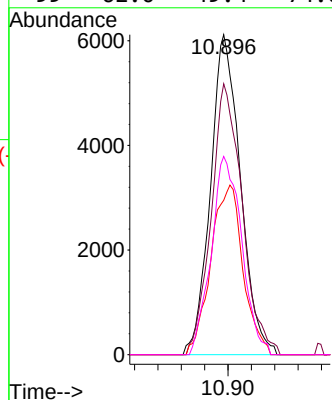
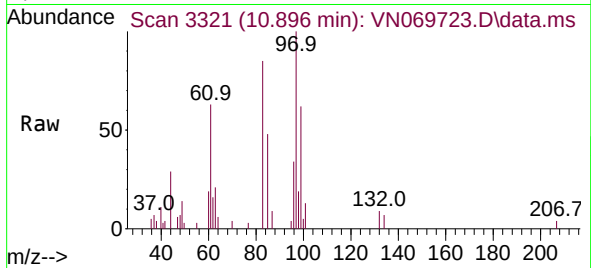




#55
 1,1,2-Trichloroethane
 Concen: 0.629 ug/l
 RT: 10.896 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: VN069723.D
 Acq: 3 Dec 2021 17:20

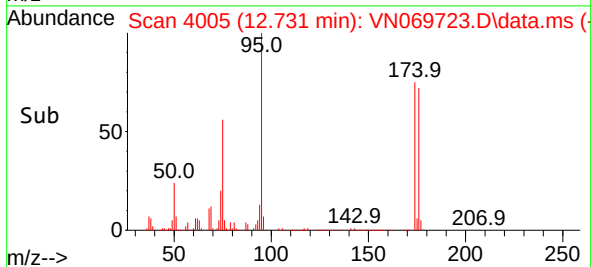
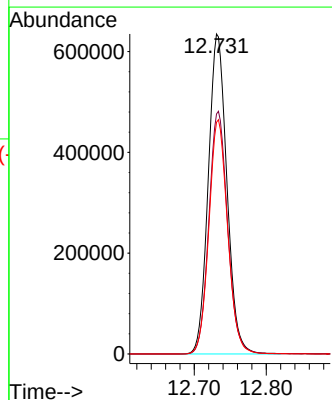
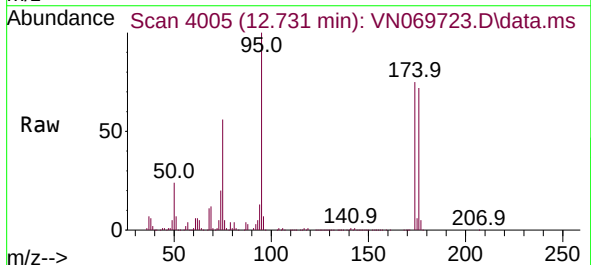
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 MSVOA_N
 ClientSampleId :
 RE139D1-20211130

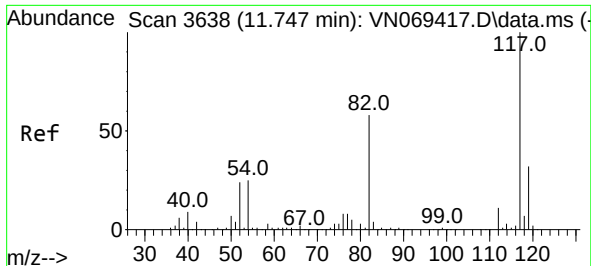
Tgt Ion: 97	Resp: 10911
Ion Ratio	Lower Upper
97 100	
83 84.6	67.8 101.6
85 48.2	45.4 68.2
99 62.0	49.4 74.0



#62
 4-Bromofluorobenzene
 Concen: 51.821 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.000 min
 Lab File: VN069723.D
 Acq: 3 Dec 2021 17:20

Tgt Ion: 95		Resp: 1142967	
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	187.2
176	73.7	0.0	181.4

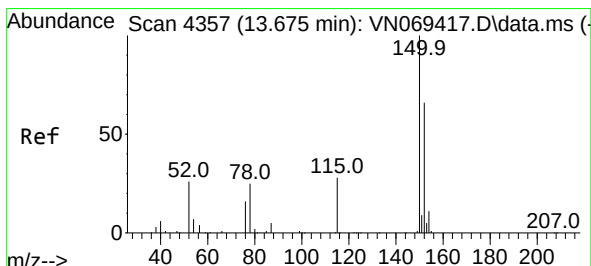
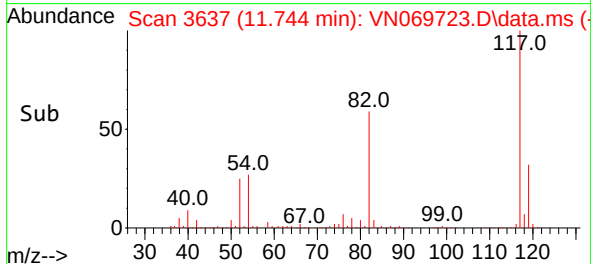
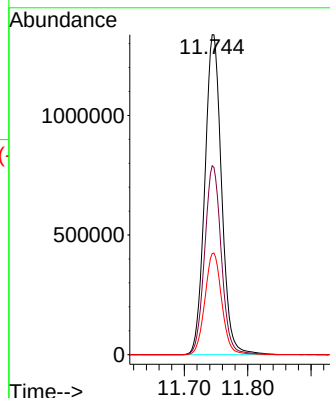
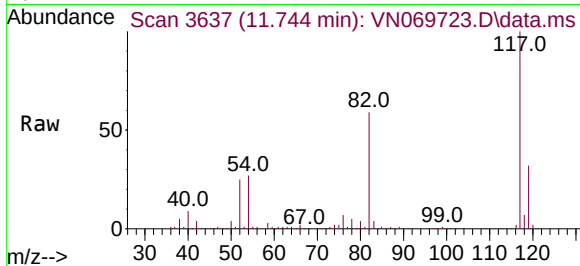




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20211130

Tgt Ion:117 Resp: 2461013
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069723.D
Acq: 3 Dec 2021 17:20

Tgt Ion:152 Resp: 929591
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.6 0.0 344.4

