

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069729.D
 Acq On : 3 Dec 2021 19:54
 Operator : JC/MD
 Sample : M4922-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D2-20211129

Quant Time: Dec 04 05:36:23 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)

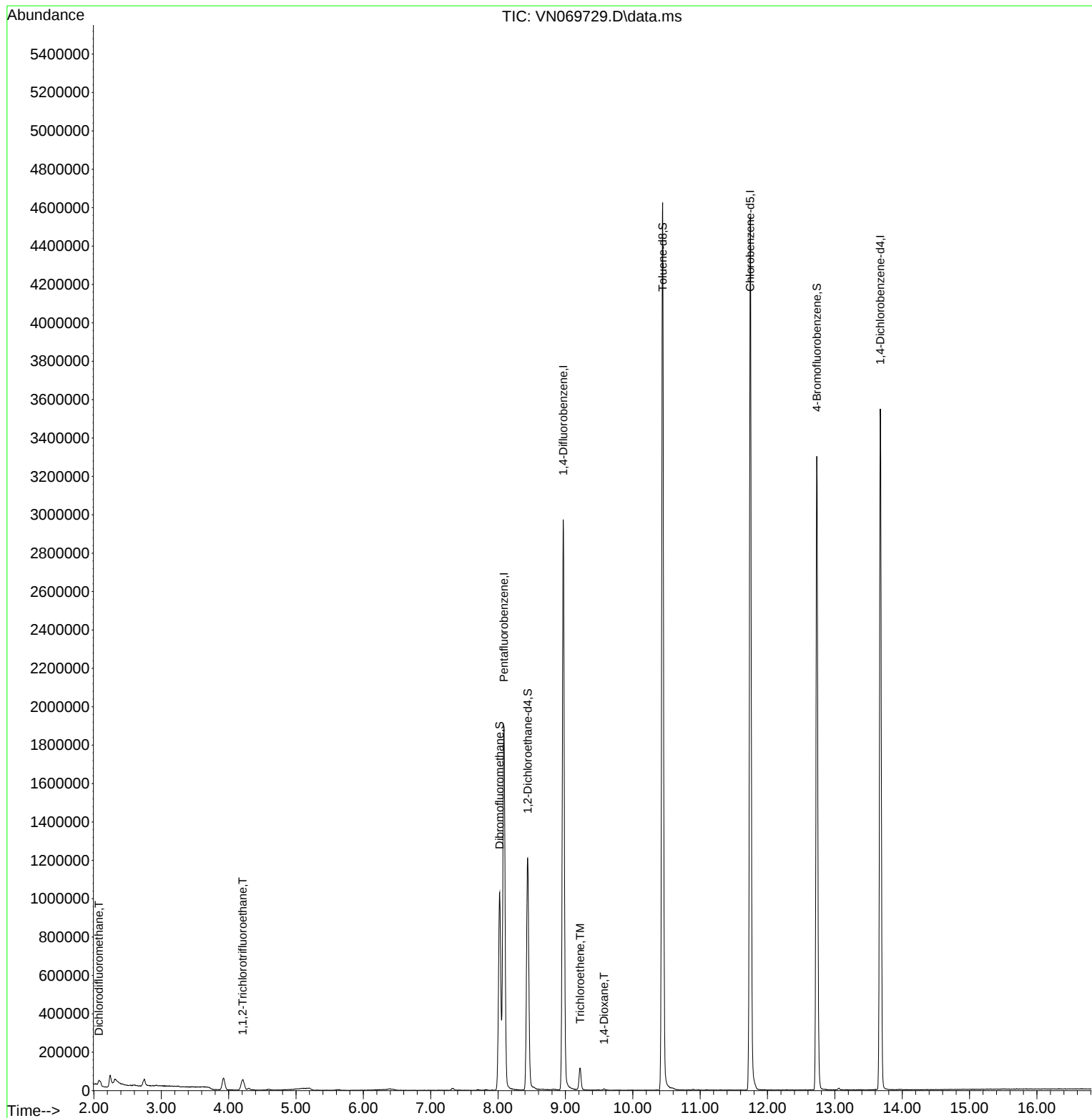
Internal Standards						
1) Pentafluorobenzene	8.086	168	1423577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2481053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2555956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	956034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1059861	48.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.440%
35) Dibromofluoromethane	8.021	113	737908	47.482	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.960%
50) Toluene-d8	10.443	98	3178531	50.937	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.733	95	1165740	51.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	19299	1.162	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.207	101	35456	2.520	ug/l	93
44) Trichloroethene	9.217	130	39134	2.271	ug/l	90
49) 1,4-Dioxane	9.574	88	4812	11.047	ug/l #	73

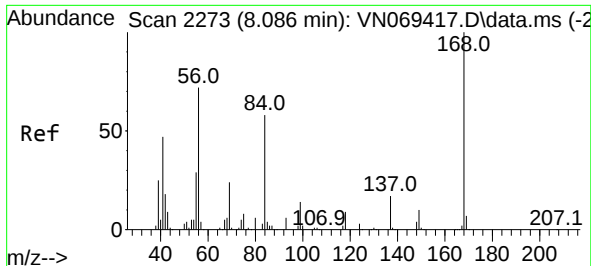
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

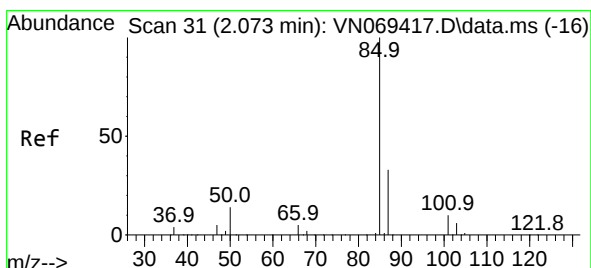
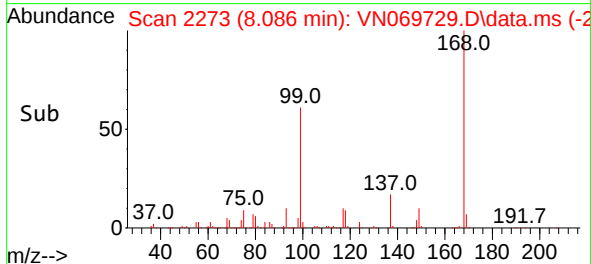
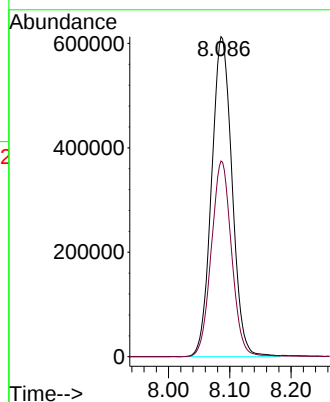
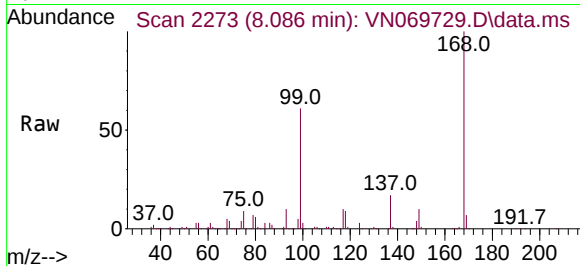




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

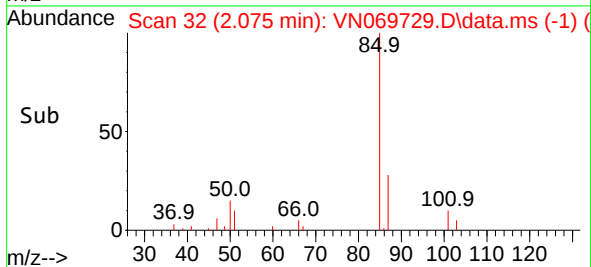
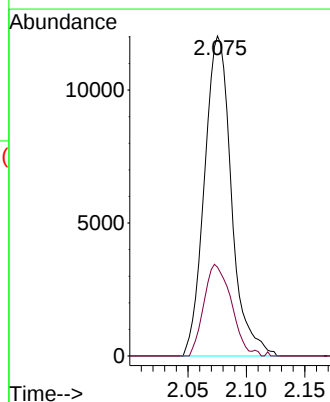
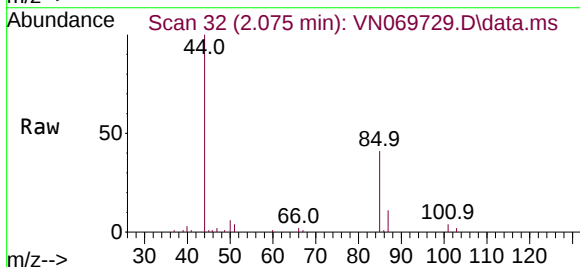
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20211129

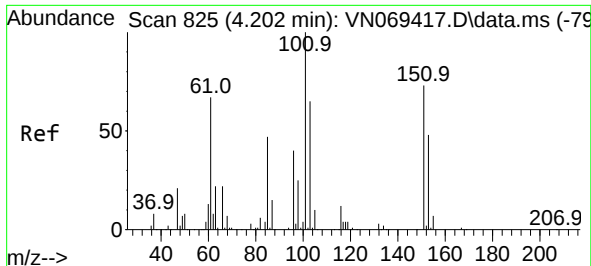
Tgt Ion:168 Resp: 1423577
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 1.162 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Tgt Ion: 85 Resp: 19299
Ion Ratio Lower Upper
85 100
87 27.7 16.3 48.9

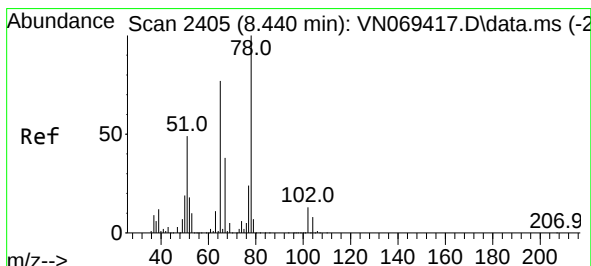
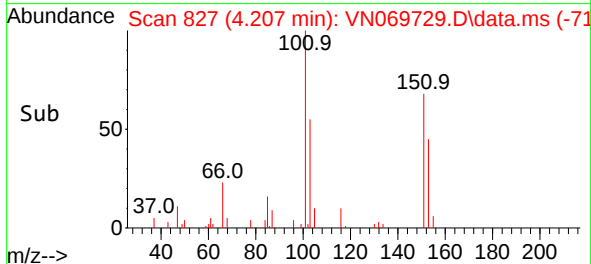
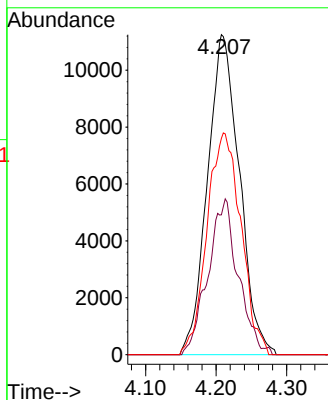
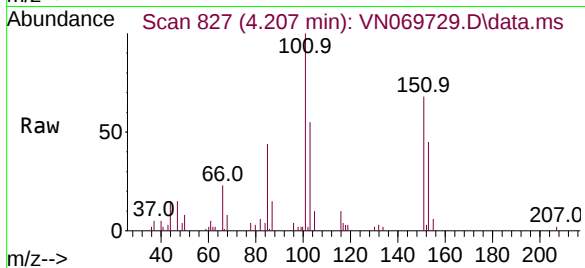




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.520 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

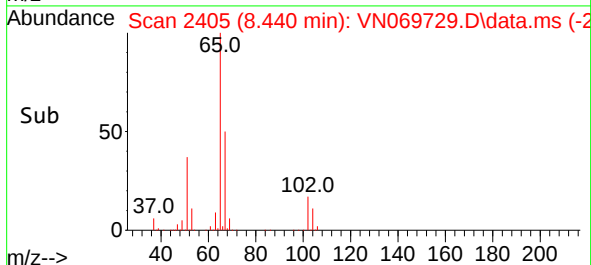
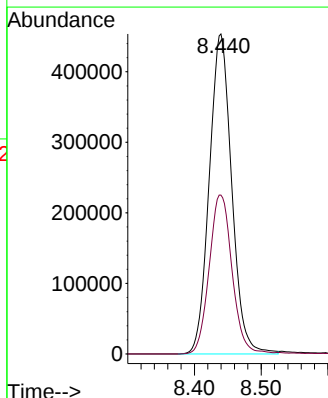
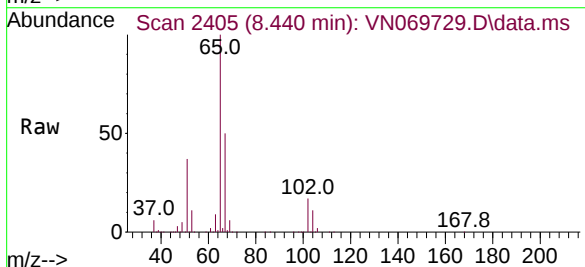
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20211129

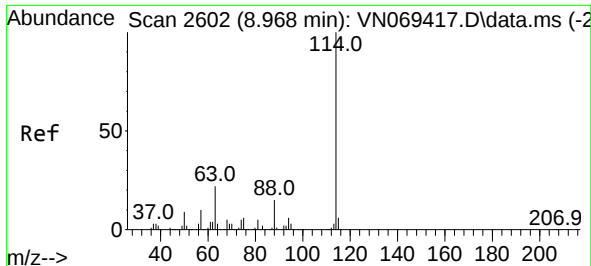
Tgt Ion:101 Resp: 35456
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 73.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.219 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

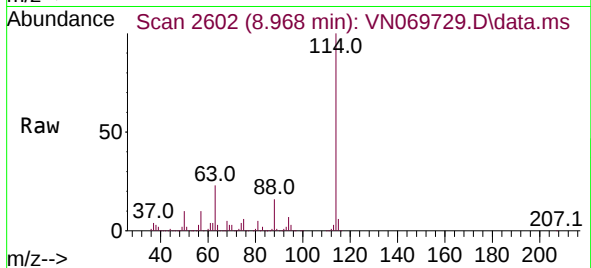
Tgt Ion: 65 Resp: 1059861
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





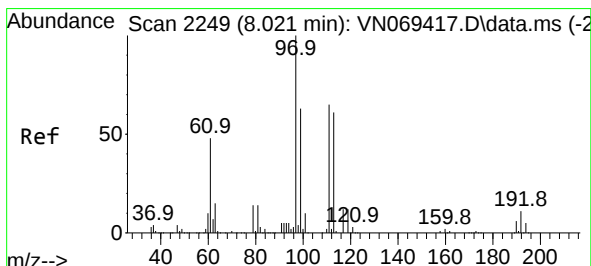
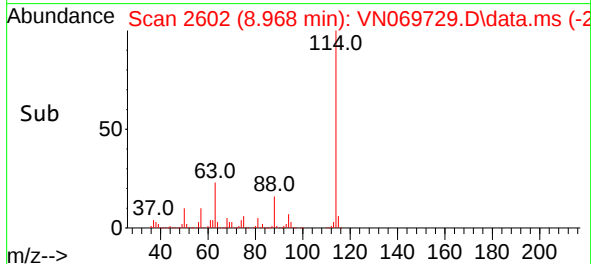
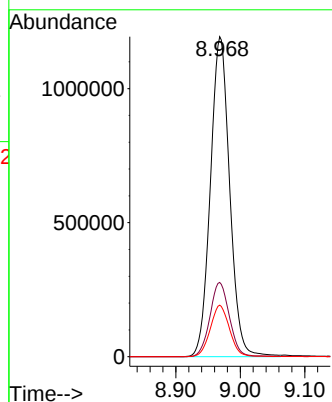
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 2481053

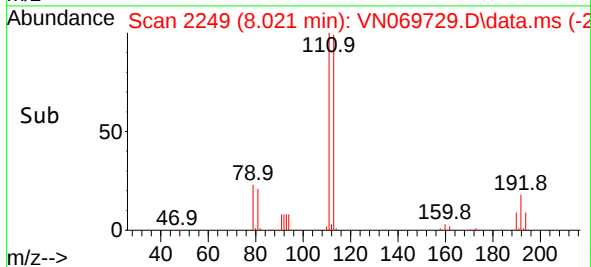
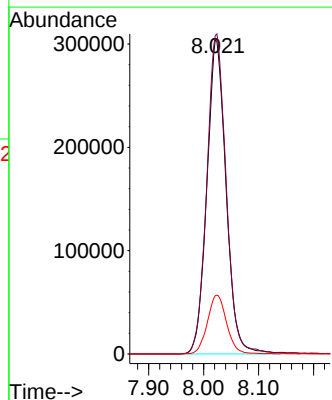
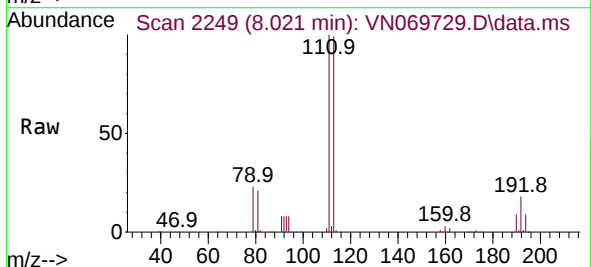
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.8
88	16.1	0.0	27.4

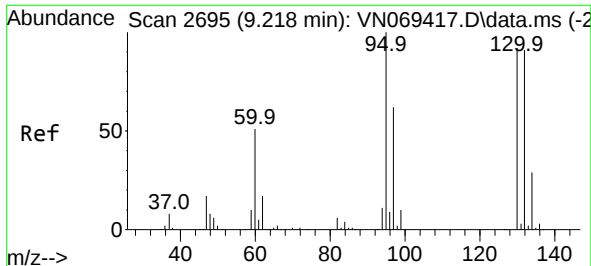


#35
Dibromofluoromethane
Concen: 47.482 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Tgt Ion:113 Resp: 737908

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	18.7	16.9	25.3





#44

Trichloroethene

Concen: 2.271 ug/l

RT: 9.217 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN069729.D

Acq: 3 Dec 2021 19:54

Instrument :

MSVOA_N

ClientSampleId :

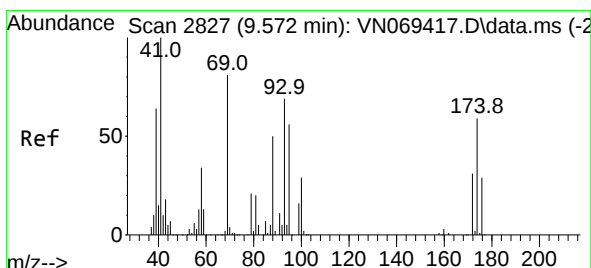
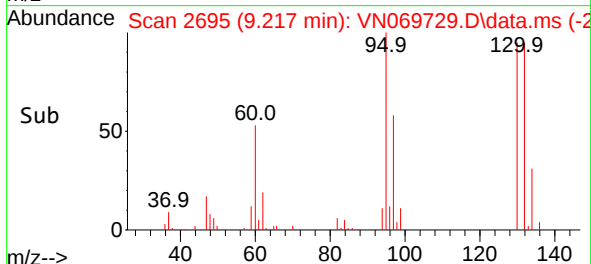
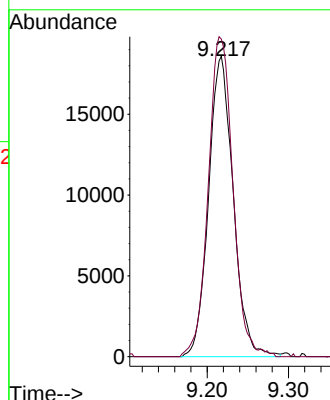
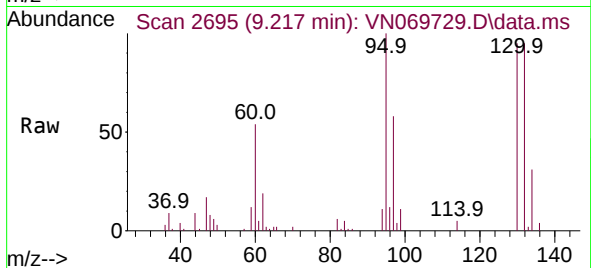
RE132D2-20211129

Tgt Ion:130 Resp: 39134

Ion Ratio Lower Upper

130 100

95 105.7 0.0 191.2



#49

1,4-Dioxane

Concen: 11.047 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.003 min

Lab File: VN069729.D

Acq: 3 Dec 2021 19:54

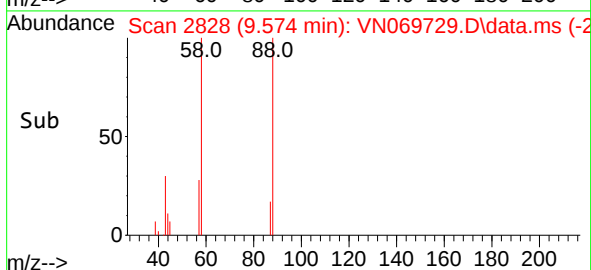
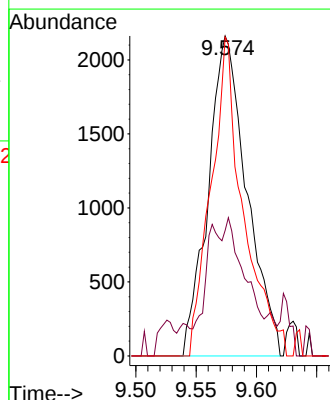
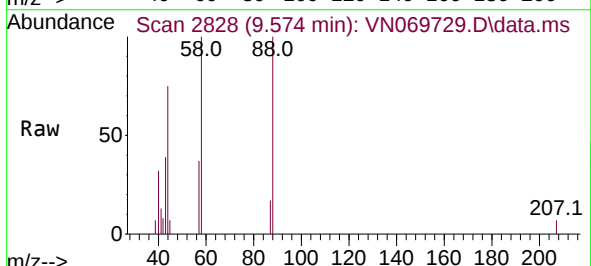
Tgt Ion: 88 Resp: 4812

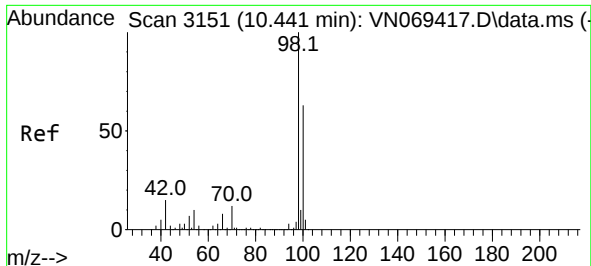
Ion Ratio Lower Upper

88 100

43 12.7 23.4 35.2#

58 83.2 50.6 75.8#

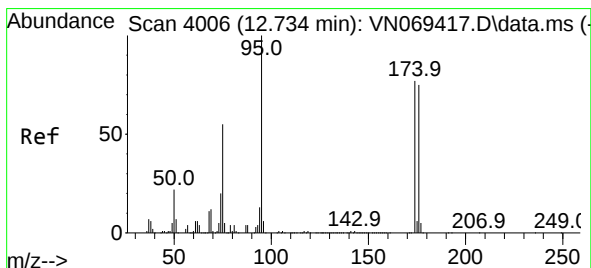
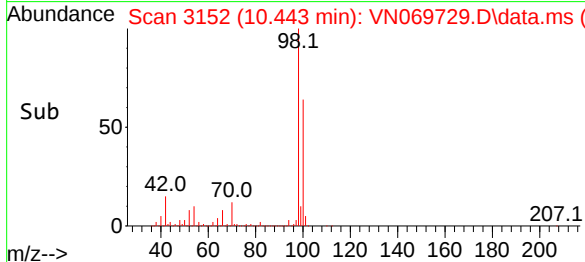
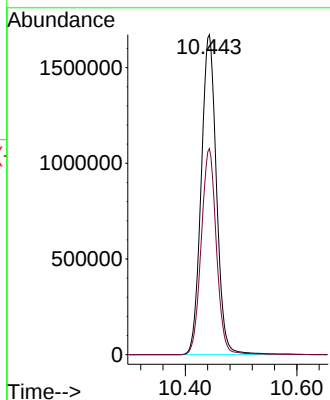
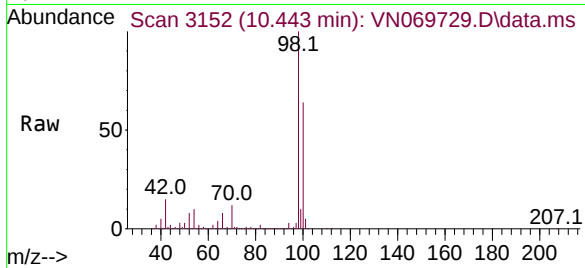




#50
Toluene-d8
Concen: 50.937 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

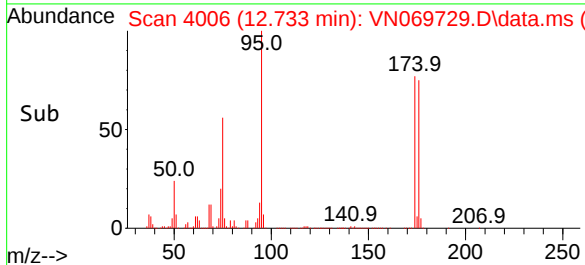
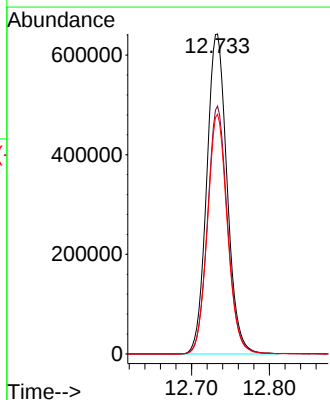
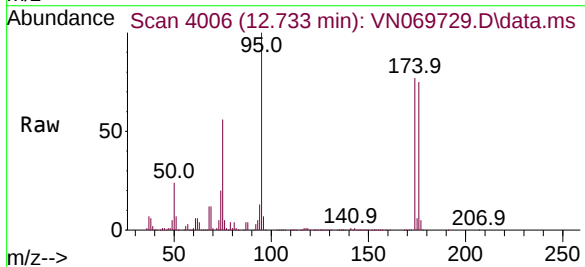
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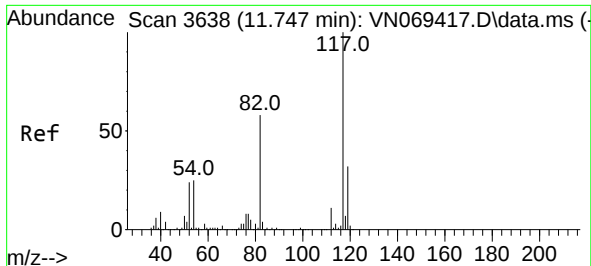
Tgt Ion: 98 Resp: 3178531
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.566 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Tgt Ion: 95 Resp: 1165740
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.4 0.0 181.4

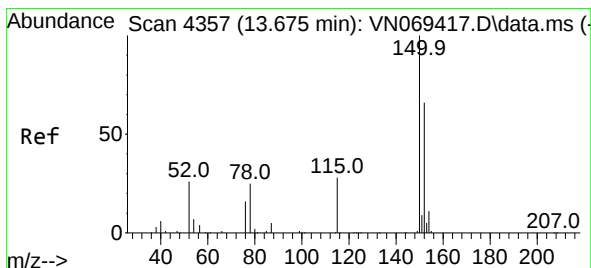
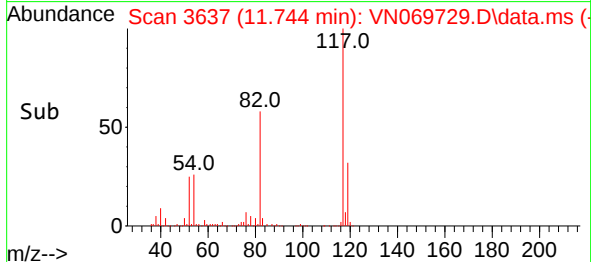
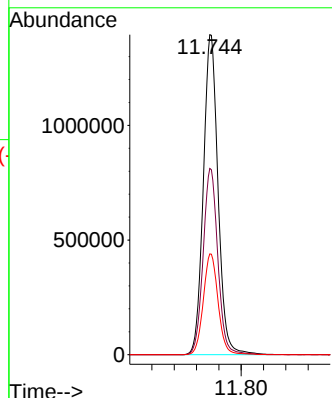
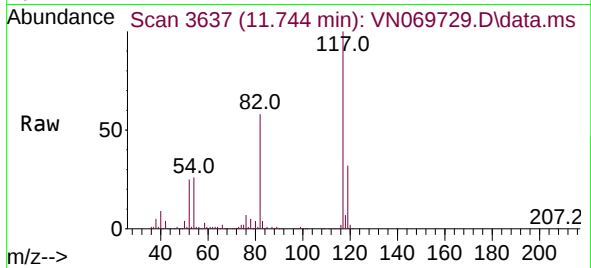




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20211129

Tgt Ion:117 Resp: 2555956
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069729.D
Acq: 3 Dec 2021 19:54

Tgt Ion:152 Resp: 956034
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 156.6 0.0 344.4

