

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069576.D
 Acq On : 19 Nov 2021 2:23
 Operator : JC/MD
 Sample : PB140886ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140886ZHE#02

Quant Time: Nov 19 05:15:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

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

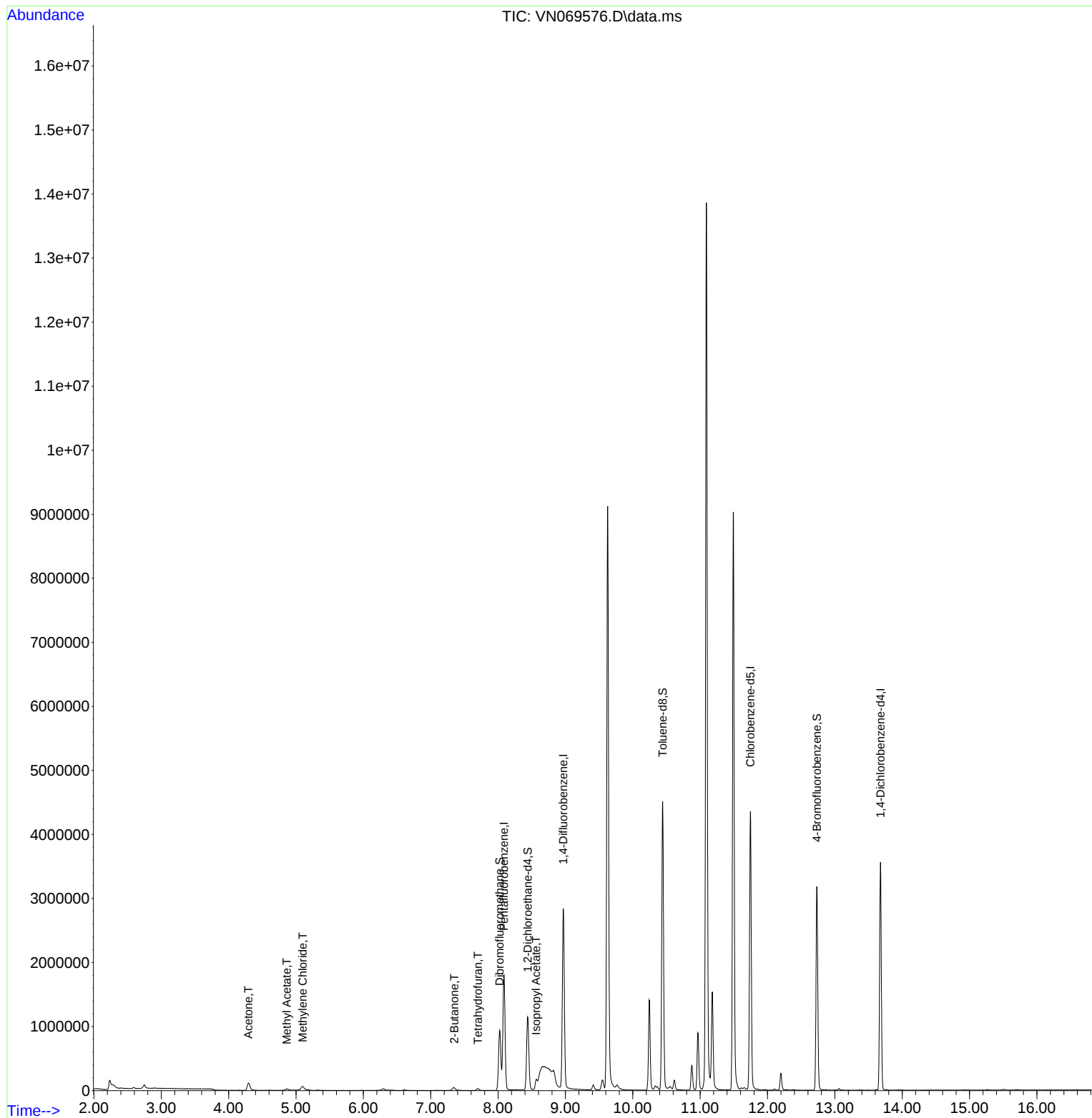
Internal Standards						
1) Pentafluorobenzene	8.088	168	1321712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2381557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2448709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	934821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	987251	51.516	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.040%	
35) Dibromofluoromethane	8.024	113	679346	47.561	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.120%	
50) Toluene-d8	10.443	98	3040624	54.126	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.734	95	1109634	53.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	225938	21.851	ug/l	94
18) Methyl Acetate	4.865	43	48116	1.432	ug/l #	78
20) Methylene Chloride	5.098	84	41190	2.809	ug/l #	86
25) 2-Butanone	7.351	43	61909	4.422	ug/l	91
29) Tetrahydrofuran	7.702	42	23793m	2.769	ug/l	
43) Isopropyl Acetate	8.566	43	193544	4.448	ug/l #	83

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

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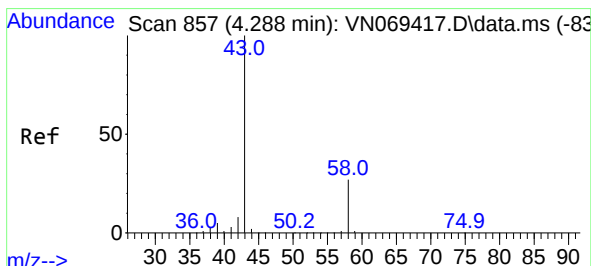
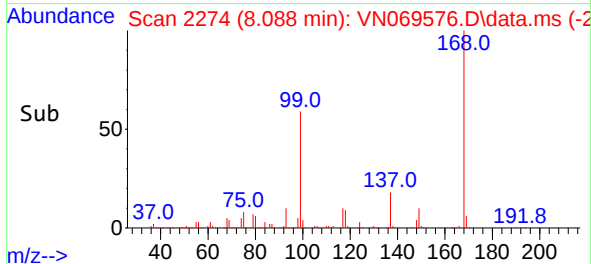
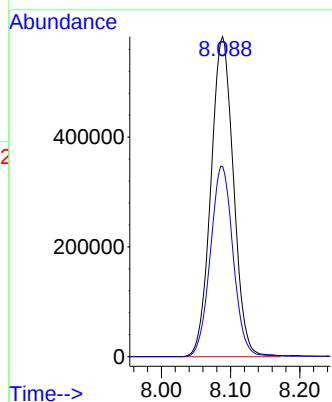
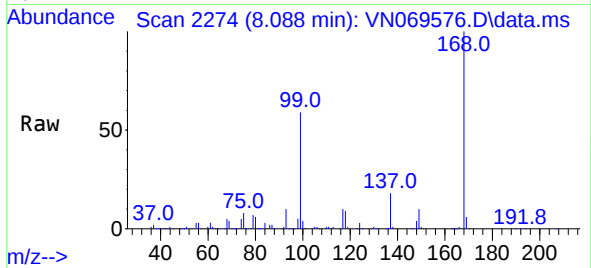




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

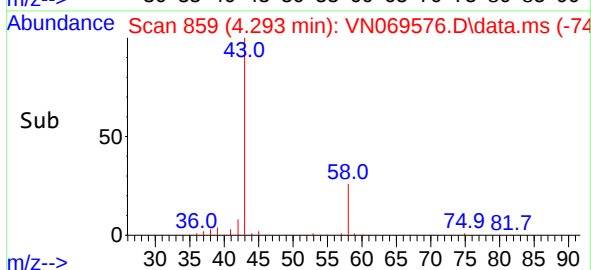
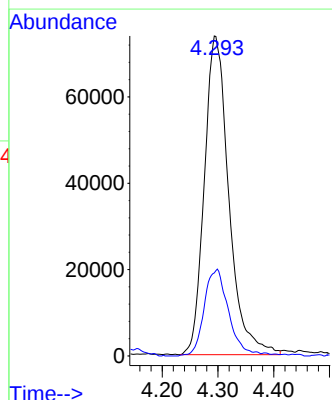
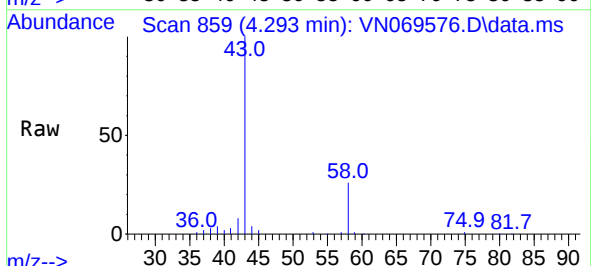
Instrument :
MSVOA_N
ClientSampleId :
PB140886ZHE#02

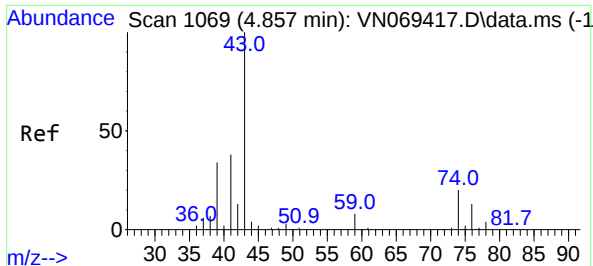
Tgt Ion:168 Resp: 1321712
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#16
Acetone
Concen: 21.851 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion: 43 Resp: 225938
Ion Ratio Lower Upper
43 100
58 25.8 23.1 34.7

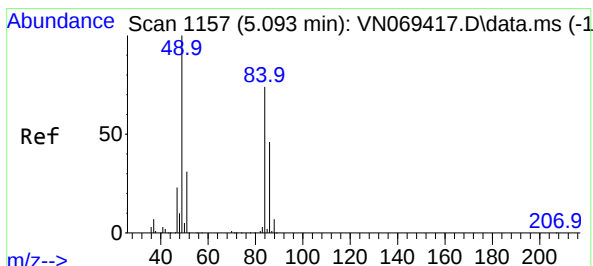
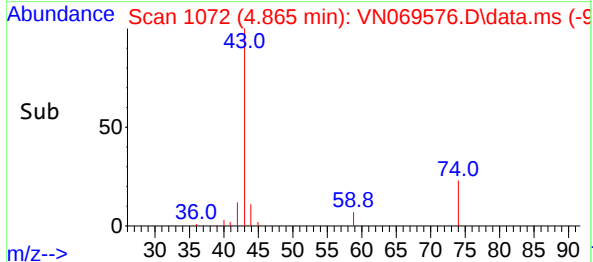
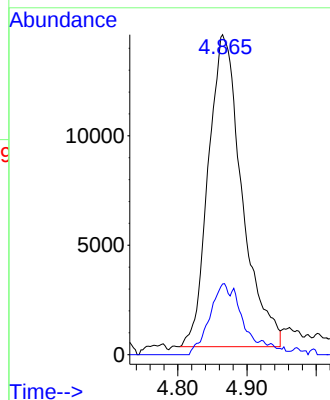
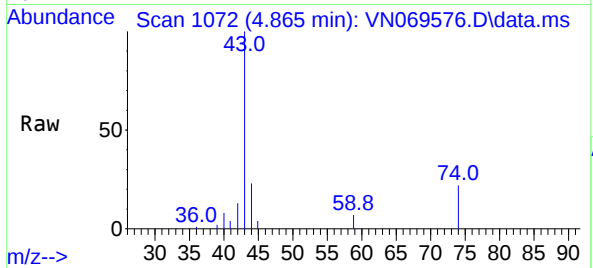




#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.865 min Scan# 1159
Delta R.T. 0.008 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

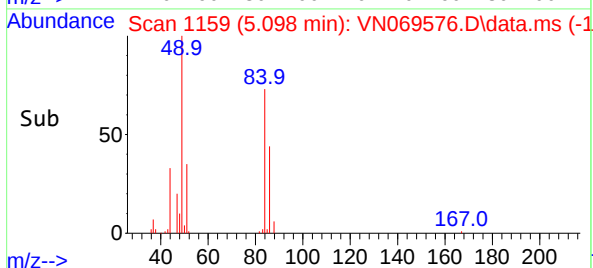
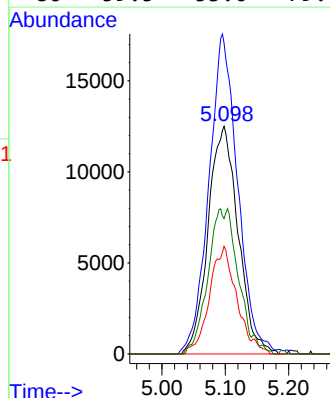
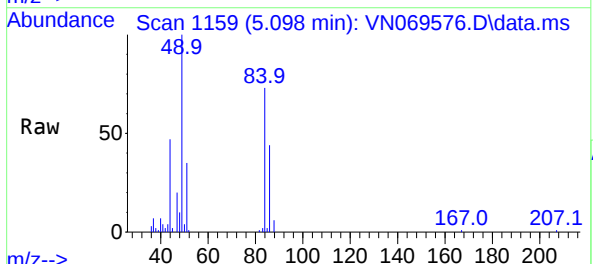
Instrument :
MSVOA_N
ClientSampleId :
PB140886ZHE#02

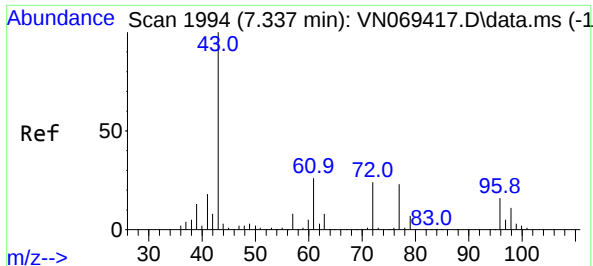
Tgt Ion: 43 Resp: 48116
Ion Ratio Lower Upper
43 100
74 13.3 19.4 29.2#



#20
Methylene Chloride
Concen: 2.809 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion: 84 Resp: 41190
Ion Ratio Lower Upper
84 100
49 135.4 93.5 140.3
51 47.2 29.4 44.2#
86 59.5 53.0 79.4

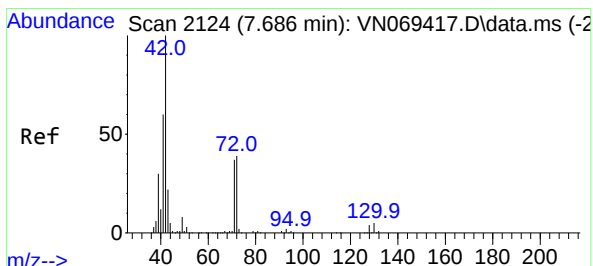
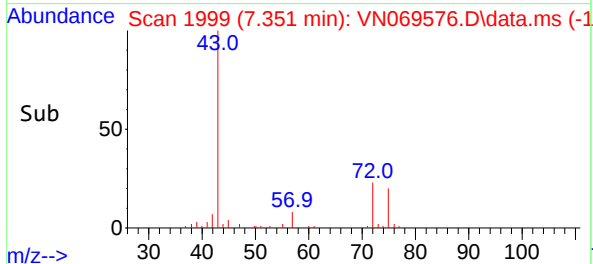
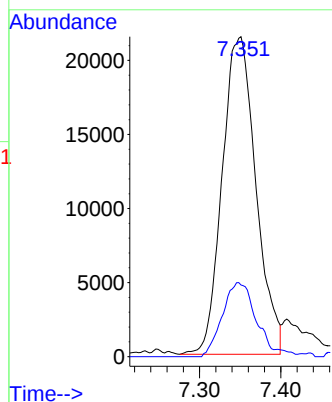
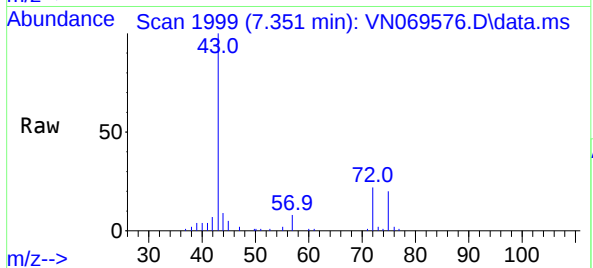




#25
2-Butanone
Concen: 4.422 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

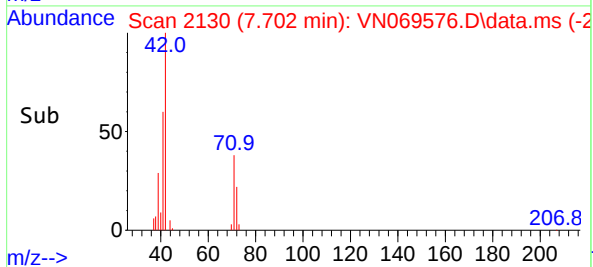
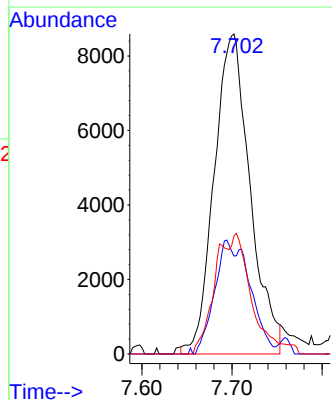
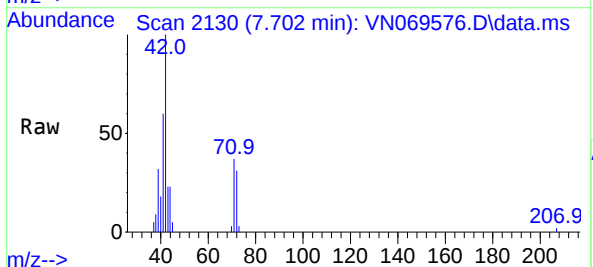
Instrument :
MSVOA_N
ClientSampleId :
PB140886ZHE#02

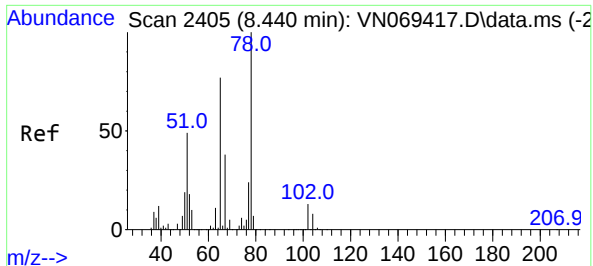
Tgt Ion: 43 Resp: 61909
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5



#29
Tetrahydrofuran
Concen: 2.769 ug/l m
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion: 42 Resp: 23793
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 51.516 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069576.D

Acq: 19 Nov 2021 2:23

Instrument :

MSVOA_N

ClientSampleId :

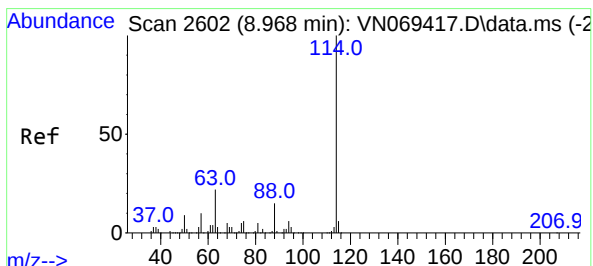
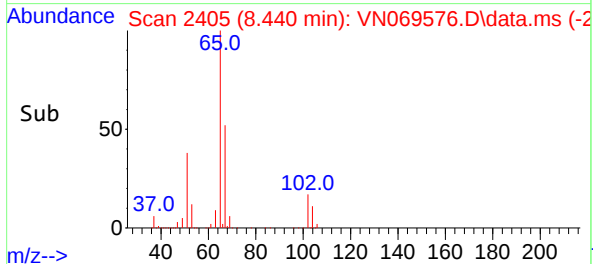
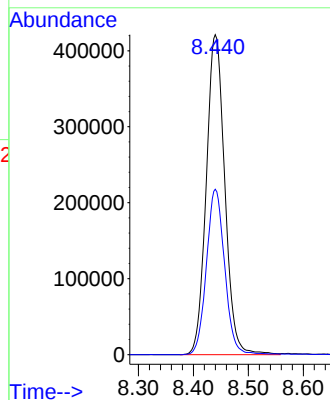
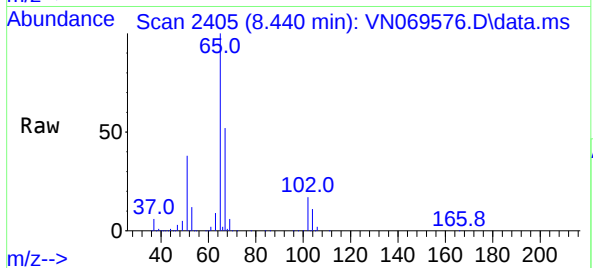
PB140886ZHE#02

Tgt Ion: 65 Resp: 987251

Ion Ratio Lower Upper

65 100

67 50.9 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: VN069576.D

Acq: 19 Nov 2021 2:23

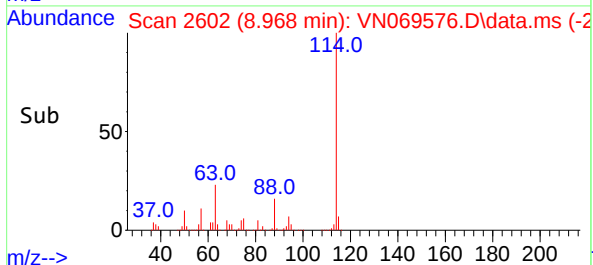
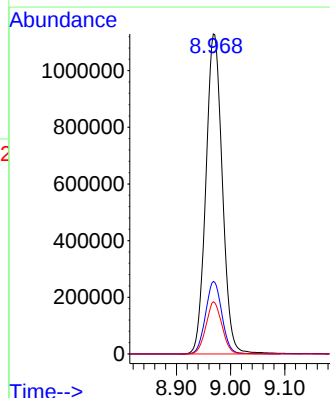
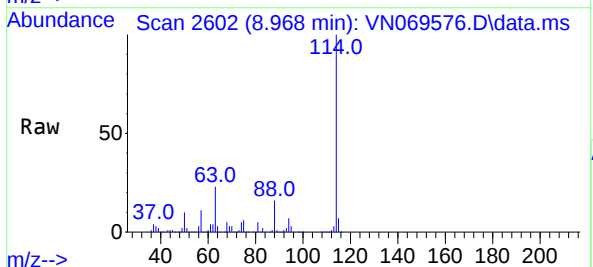
Tgt Ion: 114 Resp: 2381557

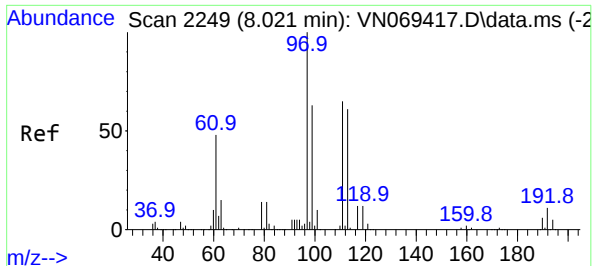
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.3 0.0 27.4

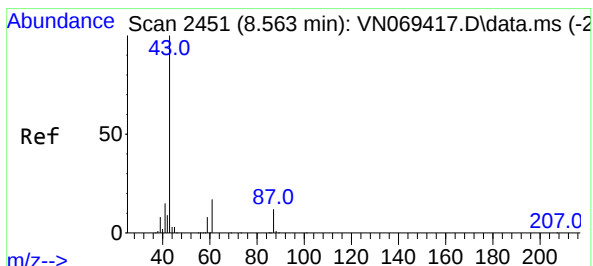
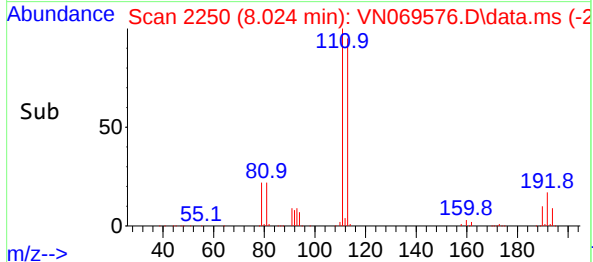
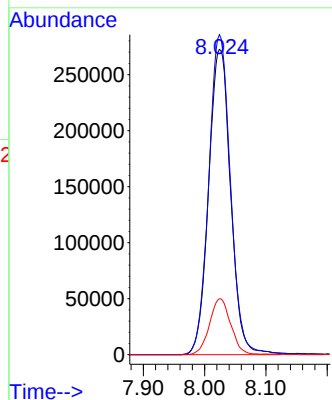
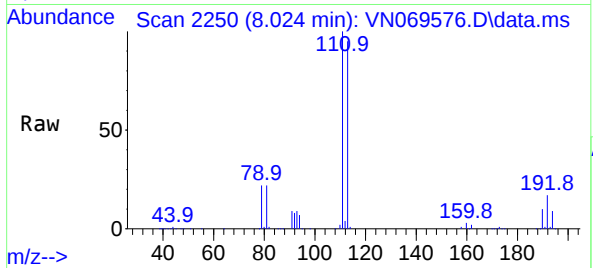




#35
Dibromofluoromethane
Concen: 47.561 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

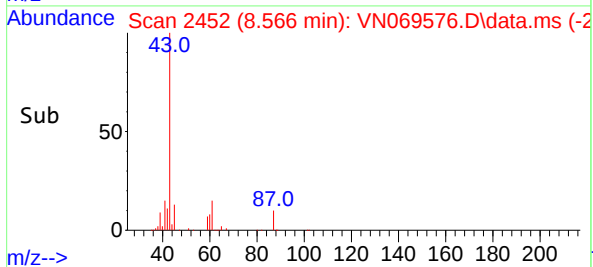
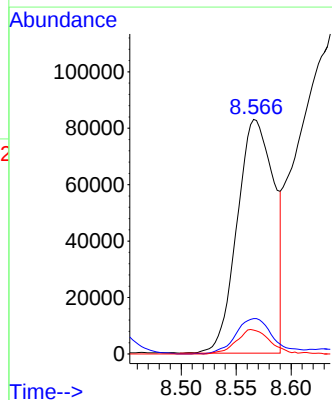
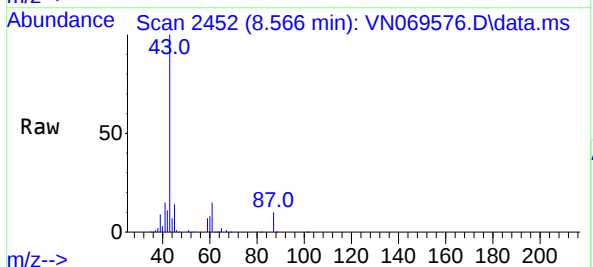
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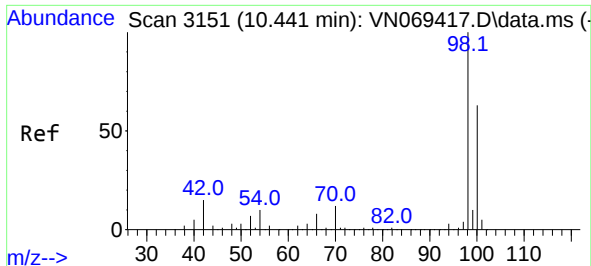
Tgt Ion:113 Resp: 679346
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 17.8 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.448 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion: 43 Resp: 193544
Ion Ratio Lower Upper
43 100
61 15.3 20.4 30.6#
87 9.4 11.2 16.8#

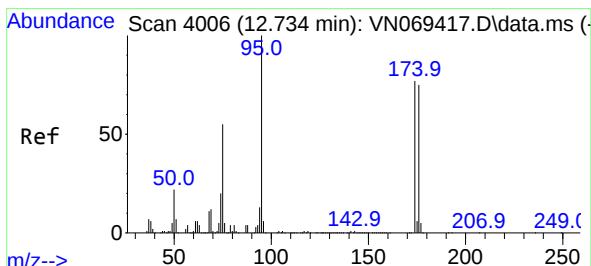
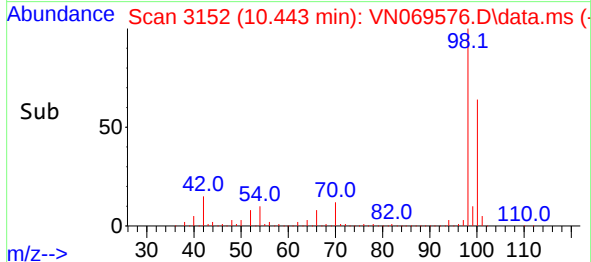
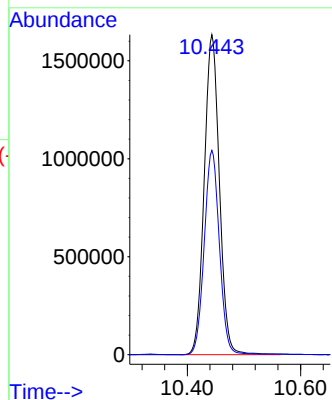
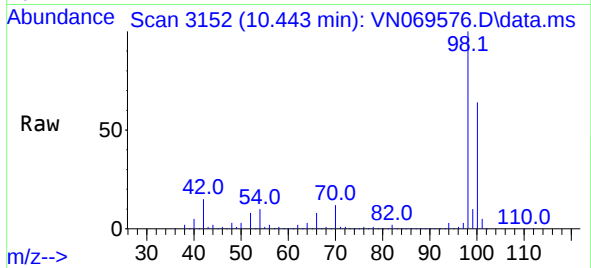




#50
Toluene-d8
Concen: 54.126 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

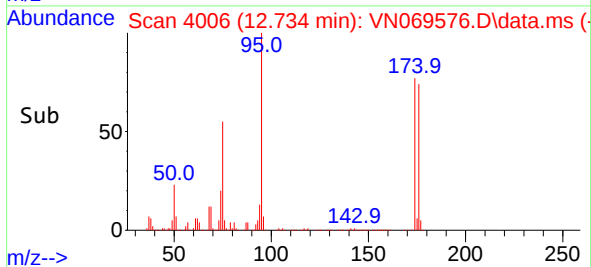
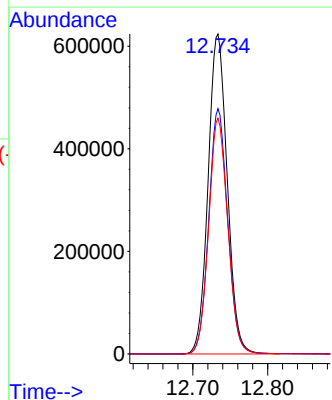
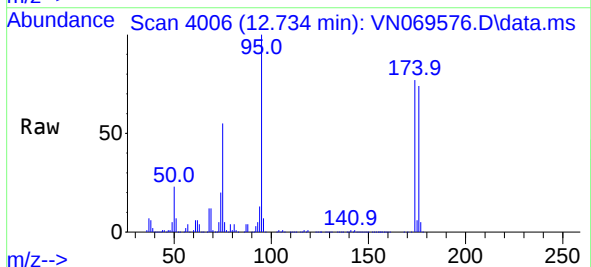
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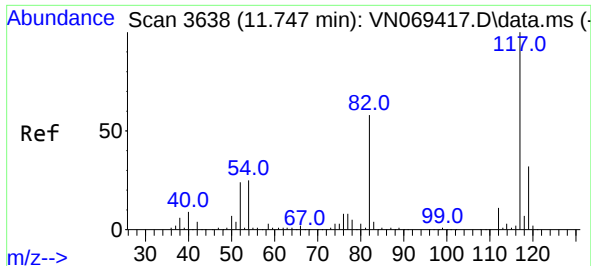
Tgt Ion: 98 Resp: 3040624
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.768 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion: 95 Resp: 1109634
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.4 0.0 181.4

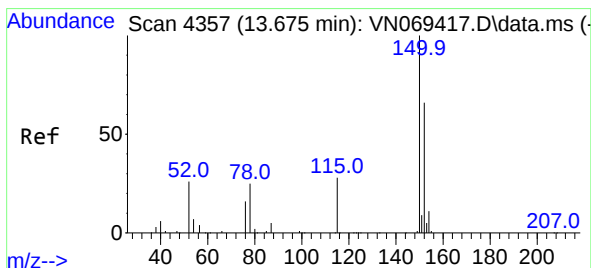
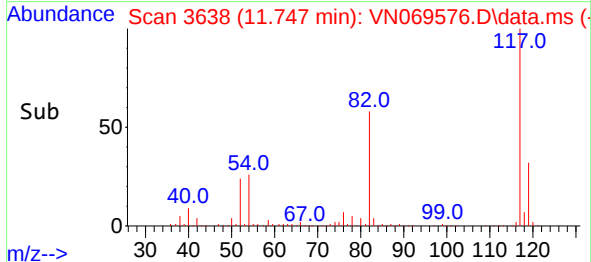
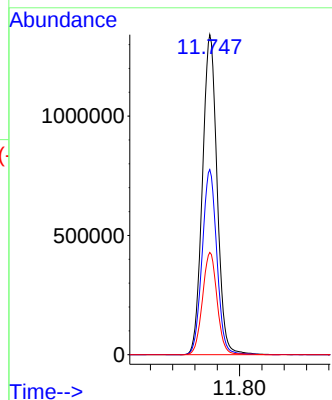
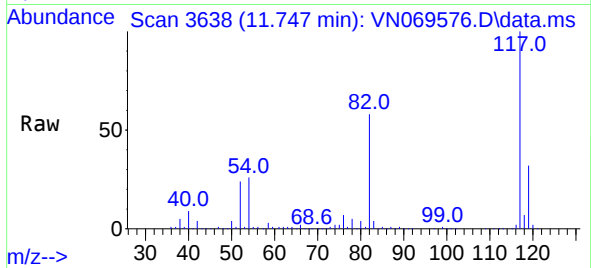




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Instrument :
MSVOA_N
ClientSampleId :
PB140886ZHE#02

Tgt Ion:117 Resp: 2448709
Ion Ratio Lower Upper
117 100
82 57.8 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# 4358
Delta R.T. 0.003 min
Lab File: VN069576.D
Acq: 19 Nov 2021 2:23

Tgt Ion:152 Resp: 934821
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.9 0.0 344.4

