

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069991.D
 Acq On : 11 Dec 2021 6:51
 Operator : JC/MD
 Sample : M4989-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P23-2

Quant Time: Dec 11 08:32:38 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)

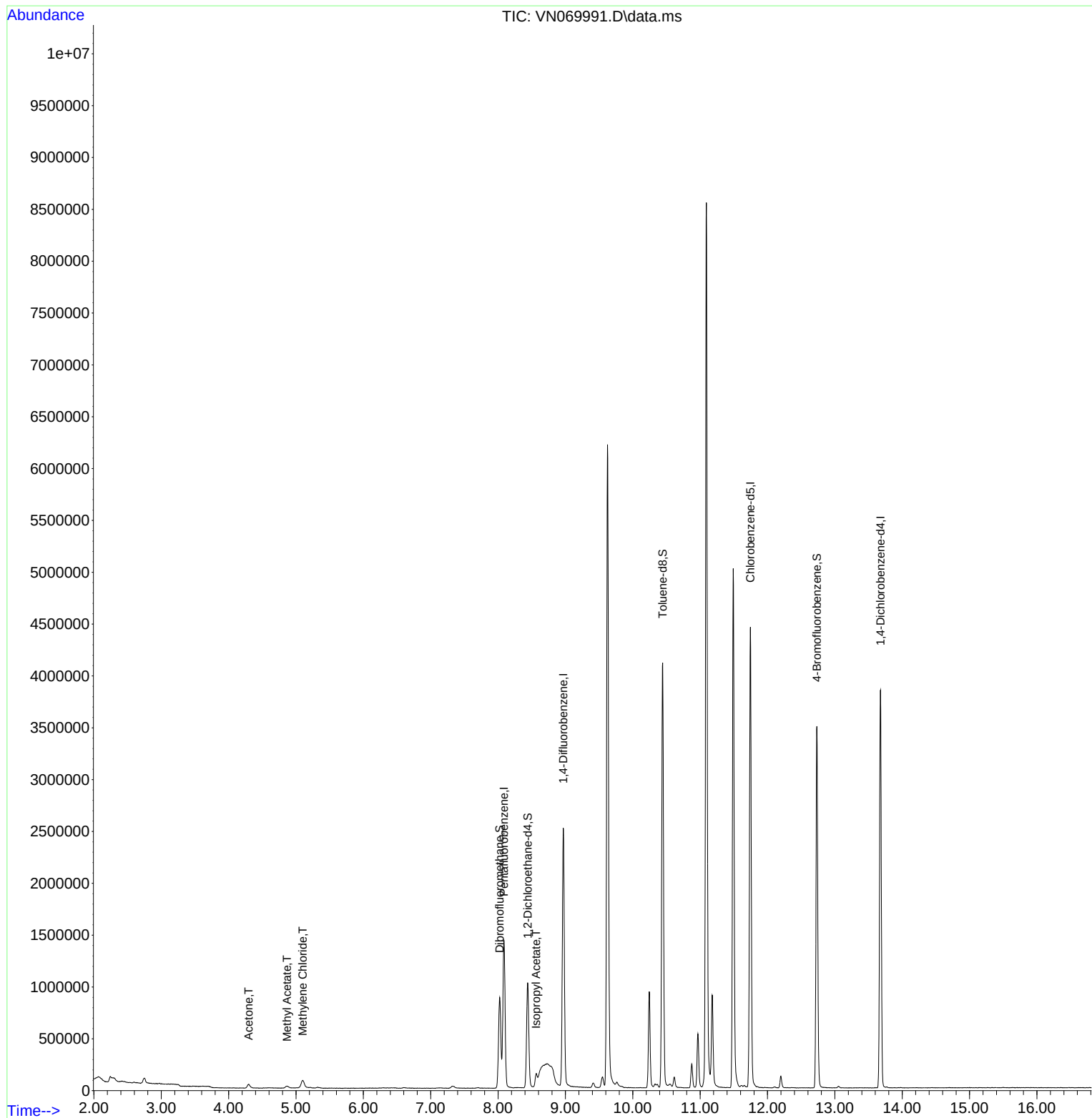
Internal Standards						
1) Pentafluorobenzene	8.088	168	1054070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2066490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2437173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1007857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	865514	53.181	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.360%
35) Dibromofluoromethane	8.024	113	643539	49.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.440%
50) Toluene-d8	10.443	98	2770259	53.300	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.733	95	1182820	62.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.640%
Target Compounds						
						Qvalue
16) Acetone	4.296	43	68901	7.038	ug/l	94
18) Methyl Acetate	4.867	43	42931	1.453	ug/l #	71
20) Methylene Chloride	5.101	84	52208	4.011	ug/l #	86
43) Isopropyl Acetate	8.566	43	157942	3.645	ug/l #	79

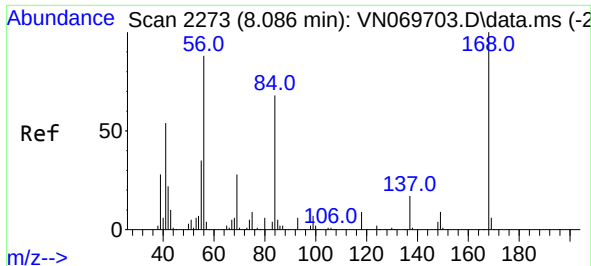
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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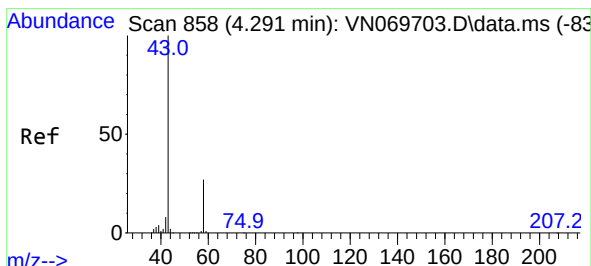
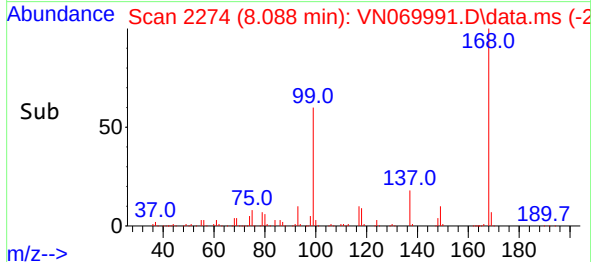
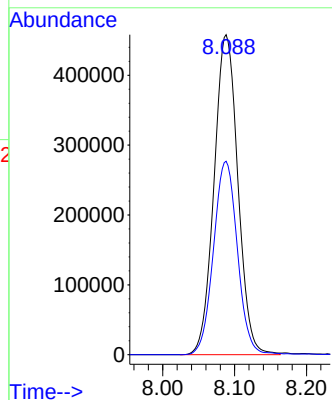
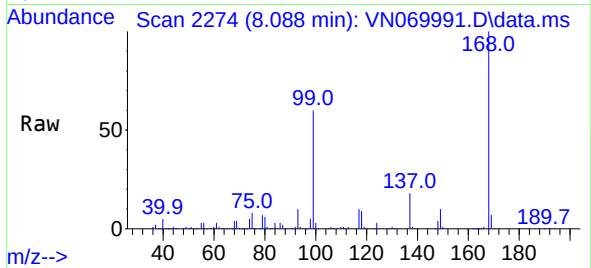




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

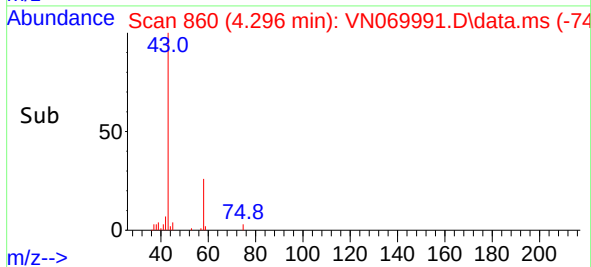
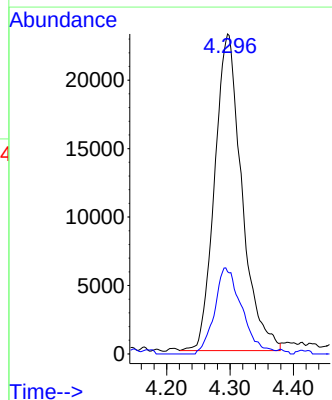
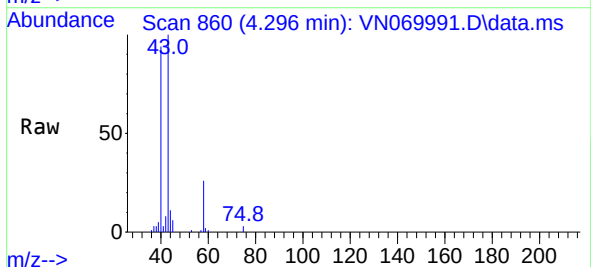
Instrument :
MSVOA_N
ClientSampleId :
P23-2

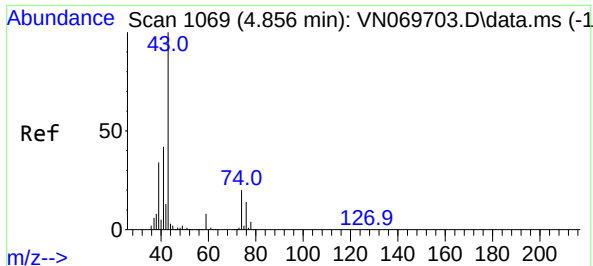
Tgt Ion:168 Resp: 1054070
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#16
Acetone
Concen: 7.038 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

Tgt Ion: 43 Resp: 68901
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#18

Methyl Acetate

Concen: 1.453 ug/l

RT: 4.867 min Scan# 1160

Delta R.T. 0.011 min

Lab File: VN069991.D

Acq: 11 Dec 2021 6:51

Instrument :

MSVOA_N

ClientSampleId :

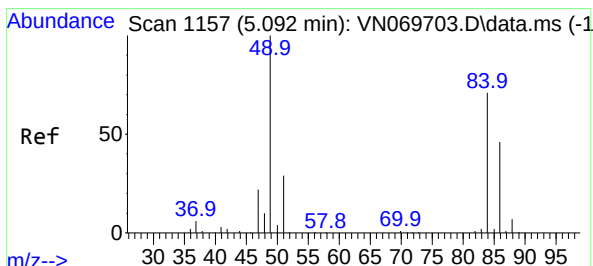
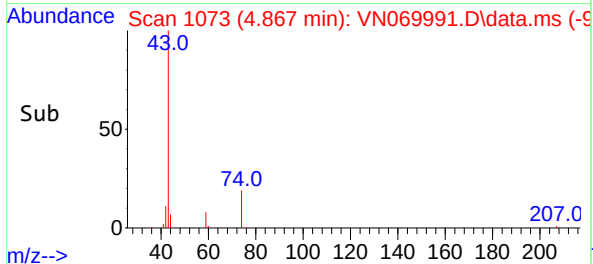
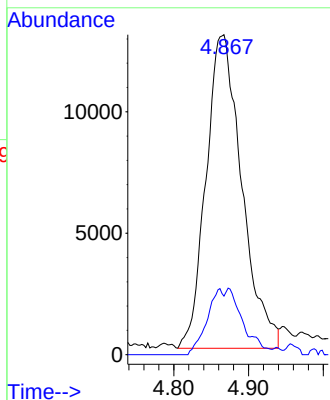
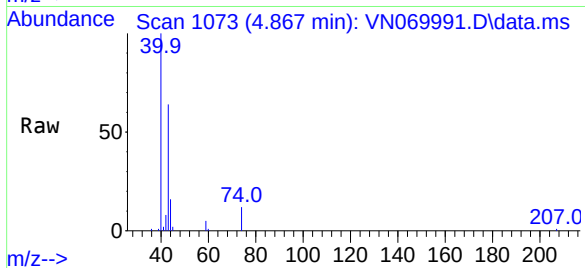
P23-2

Tgt Ion: 43 Resp: 42931

Ion Ratio Lower Upper

43 100

74 9.9 19.4 29.2#



#20

Methylene Chloride

Concen: 4.011 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN069991.D

Acq: 11 Dec 2021 6:51

Tgt Ion: 84 Resp: 52208

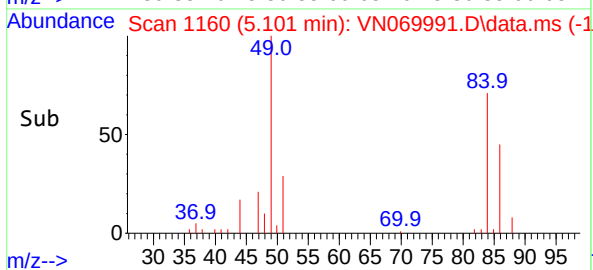
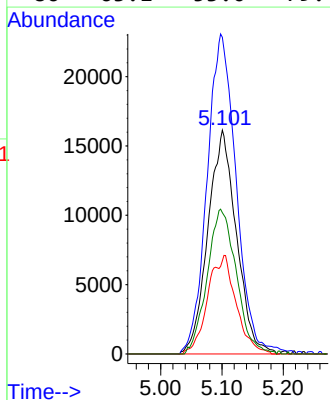
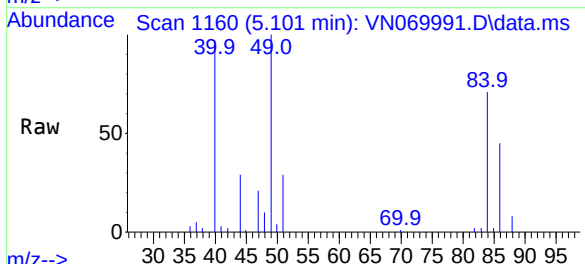
Ion Ratio Lower Upper

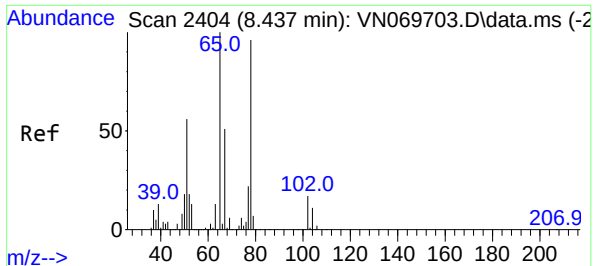
84 100

49 141.5 93.5 140.3#

51 41.6 29.4 44.2

86 63.1 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.181 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069991.D

Acq: 11 Dec 2021 6:51

Instrument :

MSVOA_N

ClientSampleId :

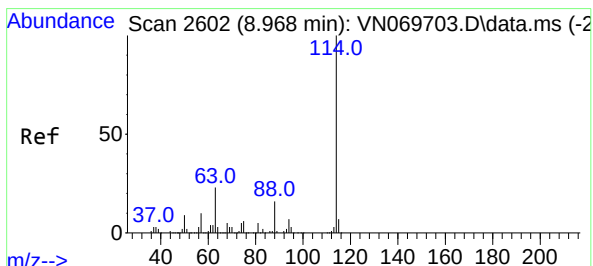
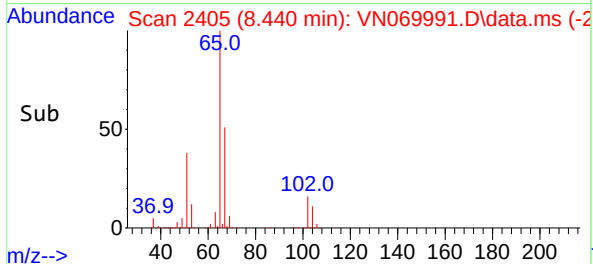
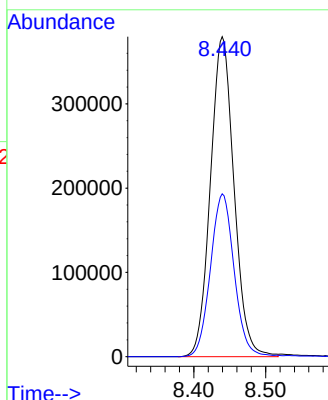
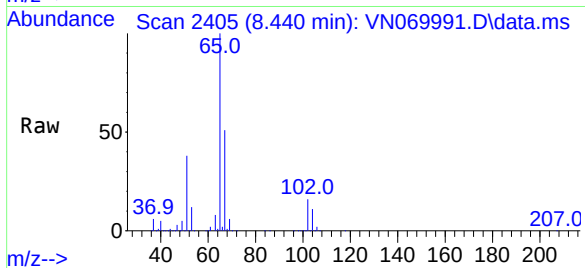
P23-2

Tgt Ion: 65 Resp: 865514

Ion Ratio Lower Upper

65 100

67 51.0 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: VN069991.D

Acq: 11 Dec 2021 6:51

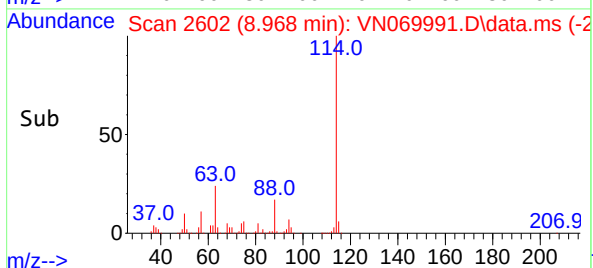
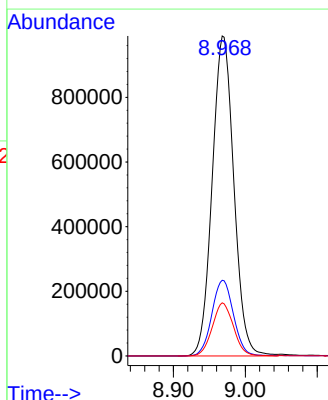
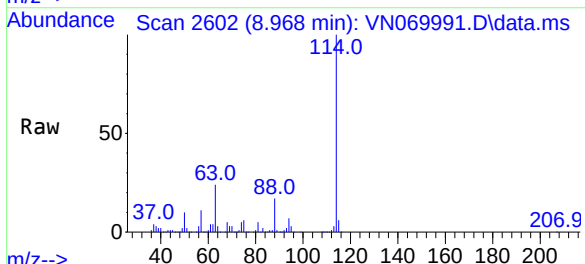
Tgt Ion:114 Resp: 2066490

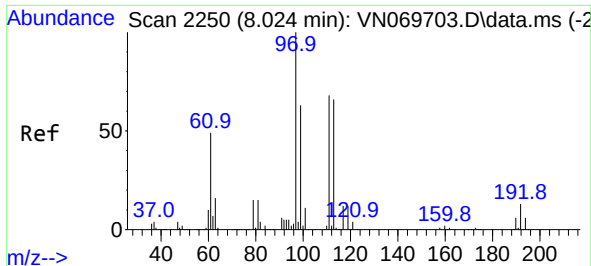
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.6 0.0 27.4

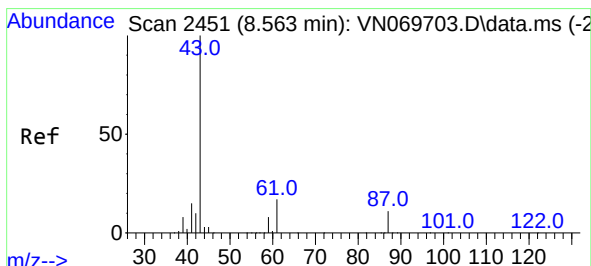
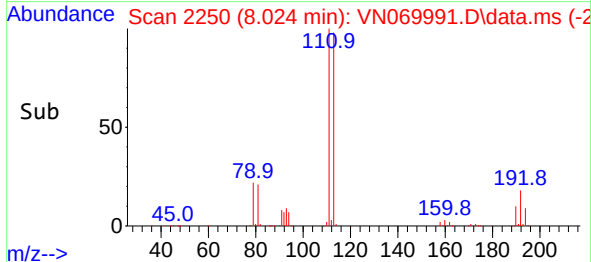
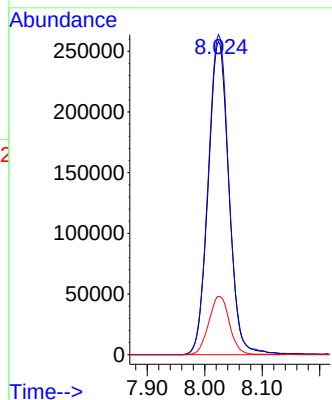
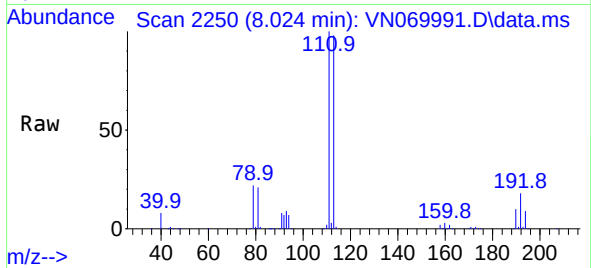




#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN069991.D
 Acq: 11 Dec 2021 6:51

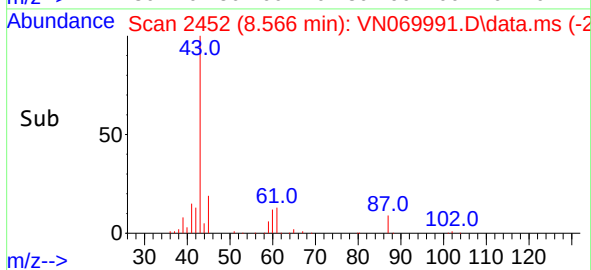
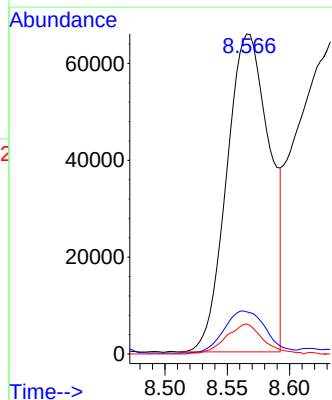
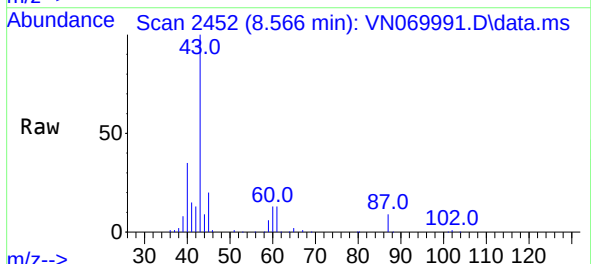
Instrument :
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 ClientSampleId :
 P23-2

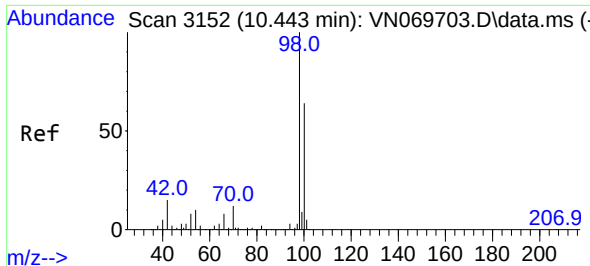
Tgt Ion:113 Resp: 643539
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 18.7 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 3.645 ug/l
 RT: 8.566 min Scan# 2452
 Delta R.T. 0.003 min
 Lab File: VN069991.D
 Acq: 11 Dec 2021 6:51

Tgt Ion: 43 Resp: 157942
 Ion Ratio Lower Upper
 43 100
 61 12.9 20.4 30.6#
 87 8.1 11.2 16.8#

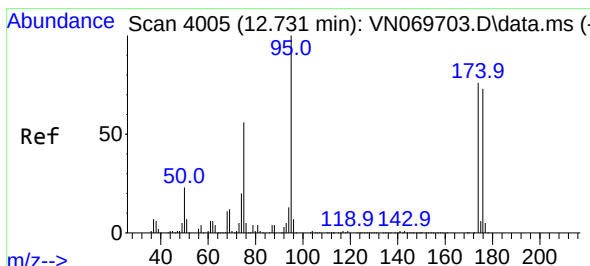
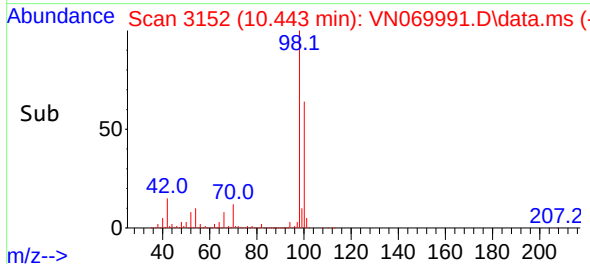
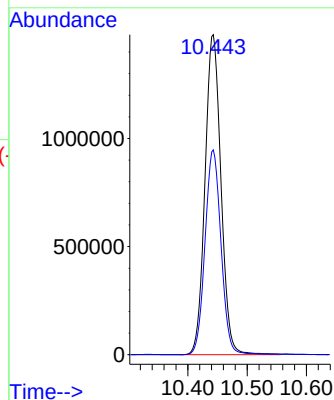
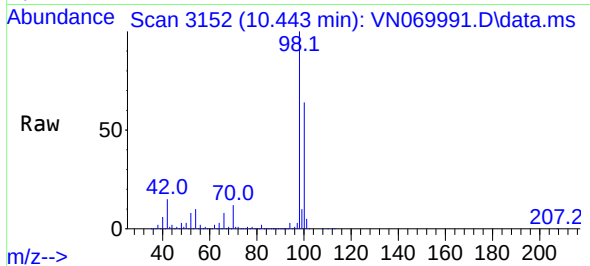




#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

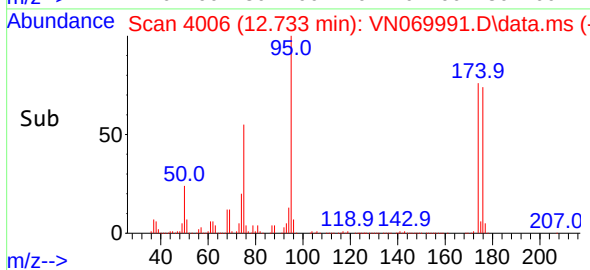
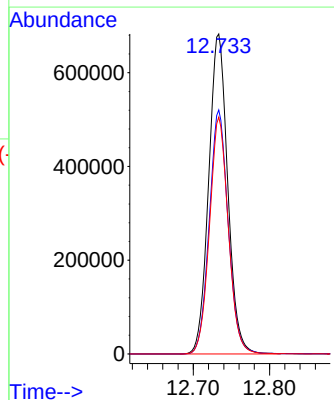
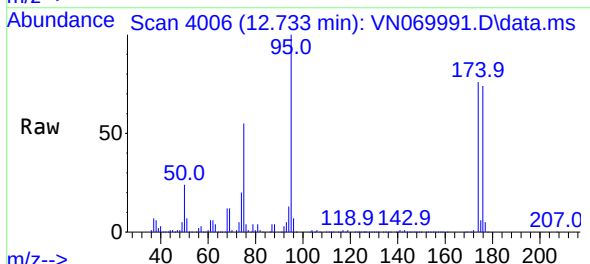
Instrument :
MSVOA_N
ClientSampleId :
P23-2

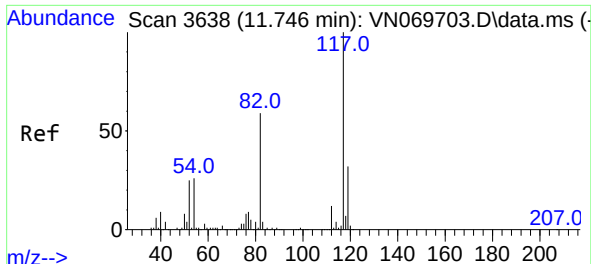
Tgt Ion: 98 Resp: 2770259
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.818 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

Tgt Ion: 95 Resp: 1182820
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.1 0.0 181.4



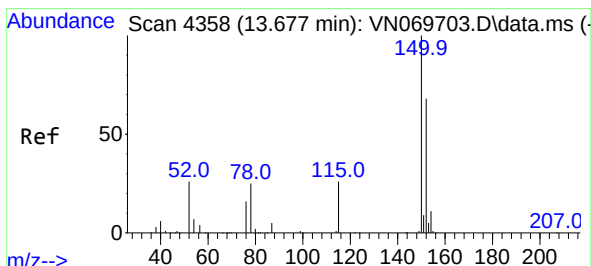
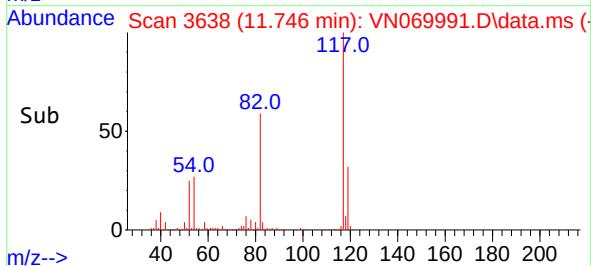
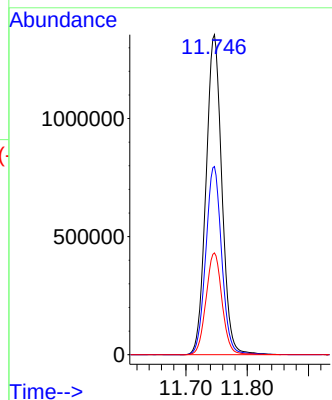
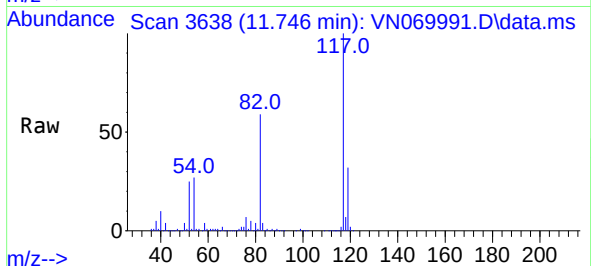


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

Instrument :
MSVOA_N
ClientSampleId :
P23-2

Tgt Ion:117 Resp: 2437173

Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	31.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069991.D
Acq: 11 Dec 2021 6:51

Tgt Ion:152 Resp: 1007857

Ion	Ratio	Lower	Upper
152	100		
115	61.4	27.5	82.5
150	158.7	0.0	344.4

