

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070373.D
 Acq On : 30 Dec 2021 3:20
 Operator : JC/MD
 Sample : M5237-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Quant Time: Dec 30 07:16:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

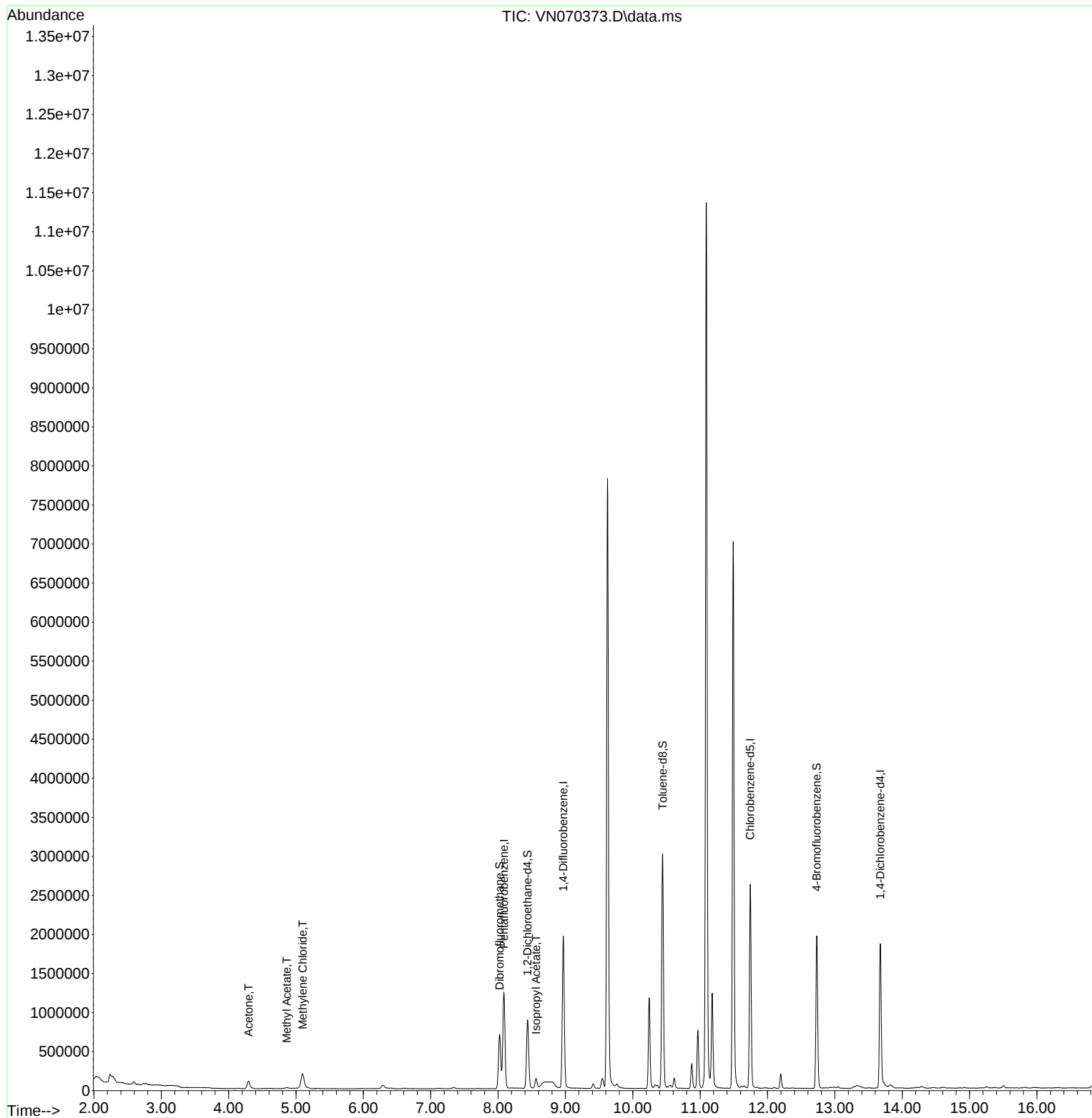
Internal Standards						
1) Pentafluorobenzene	8.086	168	932070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1641069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1463491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	505723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	738876	55.134	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.260%
35) Dibromofluoromethane	8.021	113	515397	51.907	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.820%
50) Toluene-d8	10.443	98	2040439	50.304	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.731	95	707423	48.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.580%
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	181316	20.842	ug/l	99
18) Methyl Acetate	4.862	43	25968	1.032	ug/l #	56
20) Methylene Chloride	5.098	84	136904	11.374	ug/l	87
43) Isopropyl Acetate	8.563	43	156294	4.656	ug/l #	85

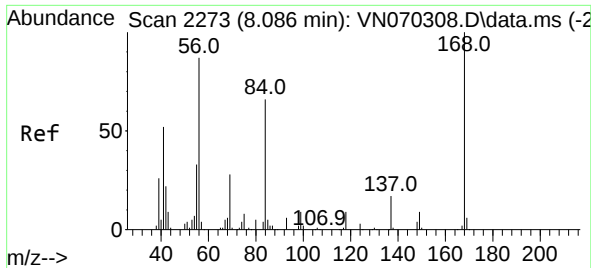
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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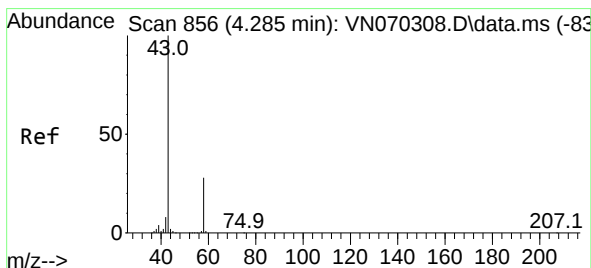
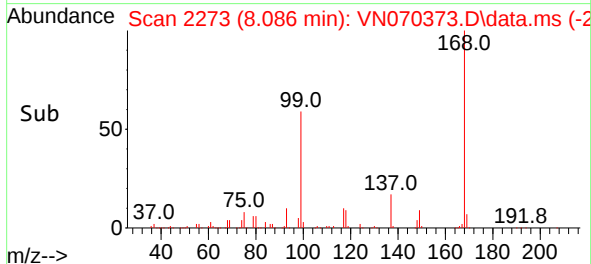
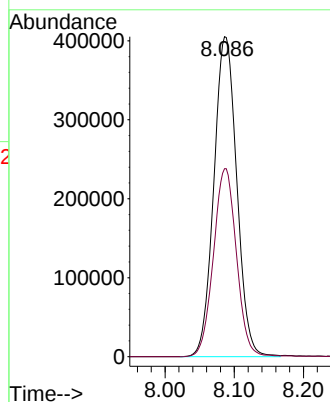
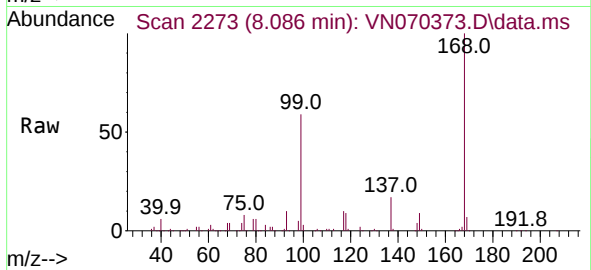




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070373.D
Acq: 30 Dec 2021 3:20

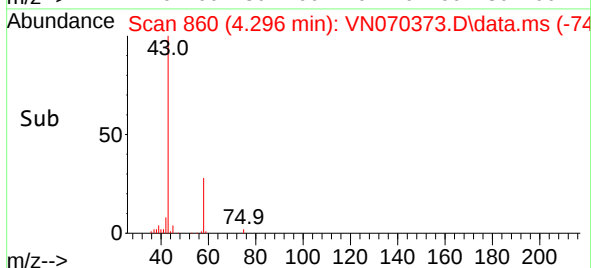
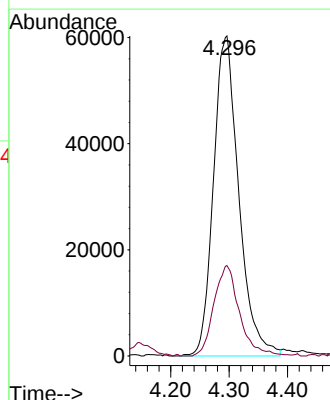
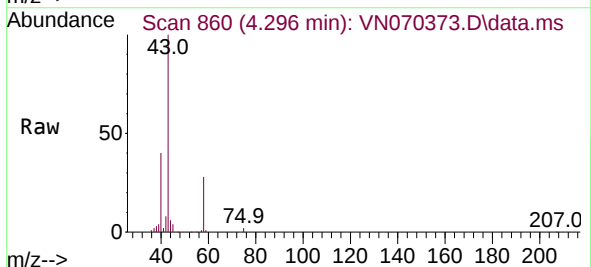
Instrument :
MSVOA_N
ClientSampleId :
TP-1D

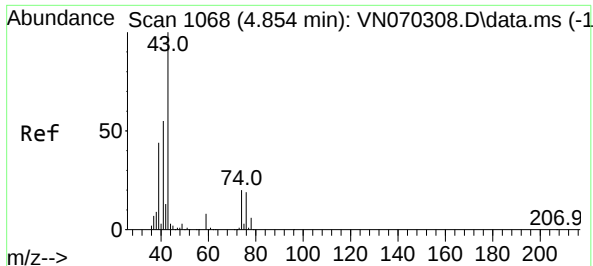
Tgt Ion:168 Resp: 932070
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#16
Acetone
Concen: 20.842 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070373.D
Acq: 30 Dec 2021 3:20

Tgt Ion: 43 Resp: 181316
Ion Ratio Lower Upper
43 100
58 28.2 23.1 34.7





#18

Methyl Acetate

Concen: 1.032 ug/l

RT: 4.862 min Scan# 1107

Delta R.T. 0.008 min

Lab File: VN070373.D

Acq: 30 Dec 2021 3:20

Instrument :

MSVOA_N

ClientSampleId :

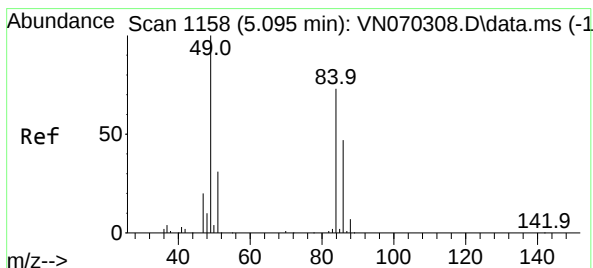
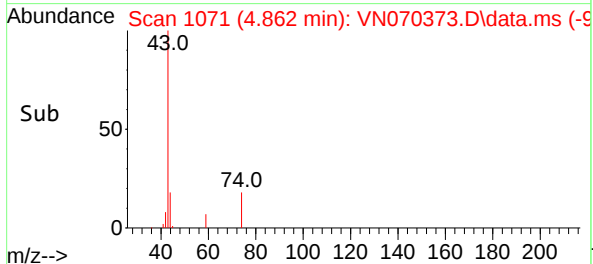
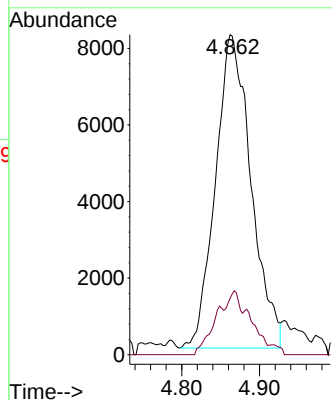
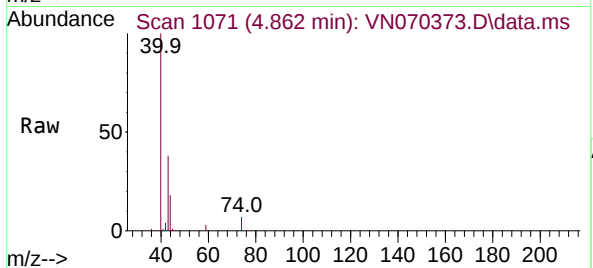
TP-1D

Tgt Ion: 43 Resp: 25968

Ion Ratio Lower Upper

43 100

74 2.5 19.4 29.2#



#20

Methylene Chloride

Concen: 11.374 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN070373.D

Acq: 30 Dec 2021 3:20

Tgt Ion: 84 Resp: 136904

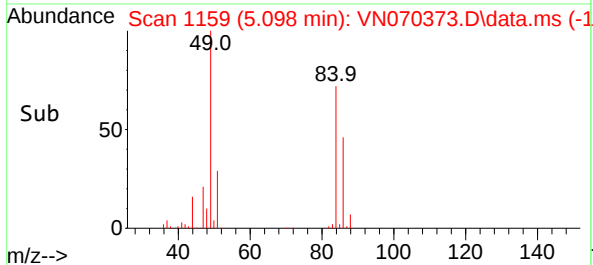
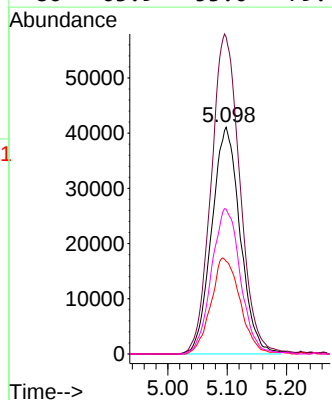
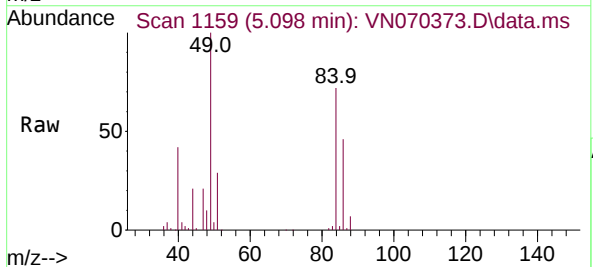
Ion Ratio Lower Upper

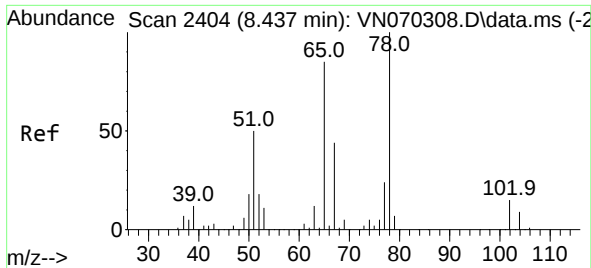
84 100

49 139.8 93.5 140.3

51 40.9 29.4 44.2

86 63.9 53.0 79.4

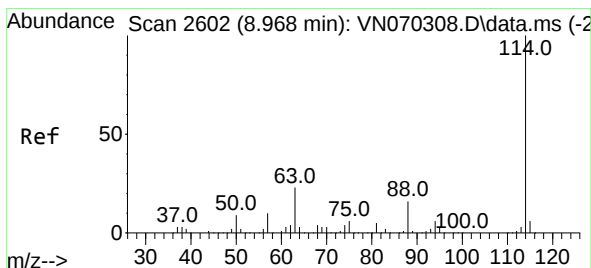
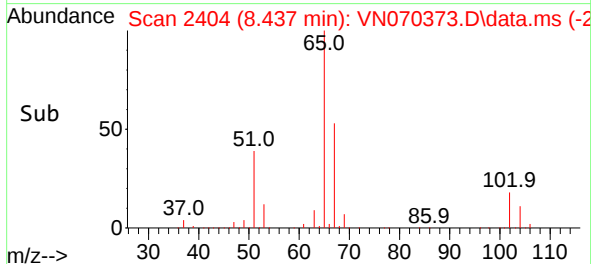
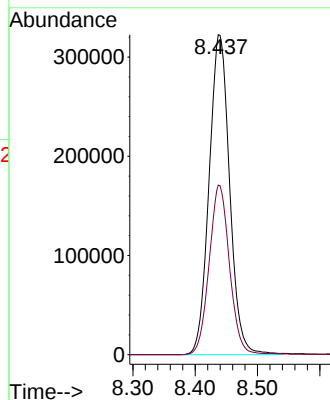
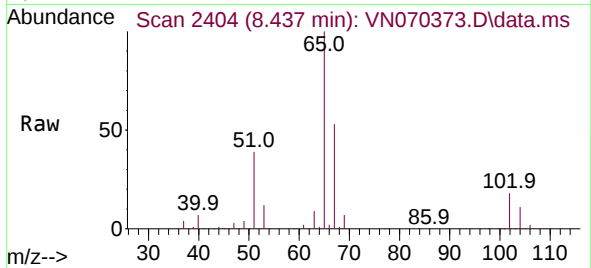




#33
 1,2-Dichloroethane-d4
 Concen: 55.134 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070373.D
 Acq: 30 Dec 2021 3:20

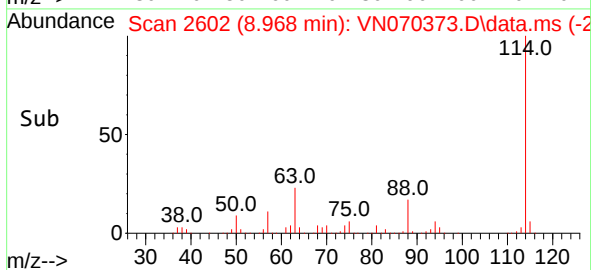
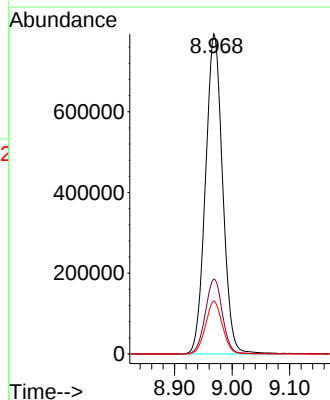
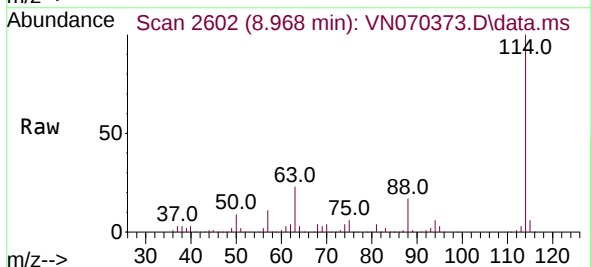
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

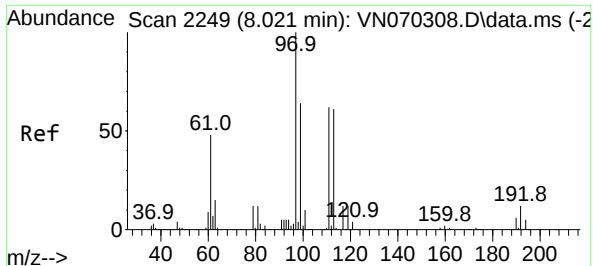
Tgt Ion: 65 Resp: 738876
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070373.D
 Acq: 30 Dec 2021 3:20

Tgt Ion: 114 Resp: 1641069
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.6 0.0 27.4

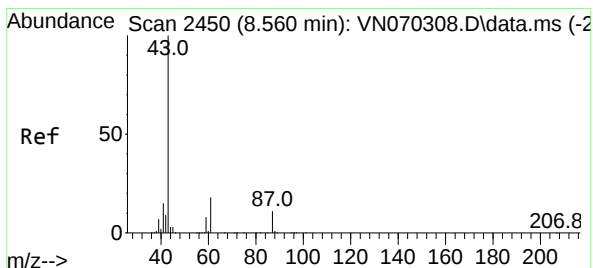
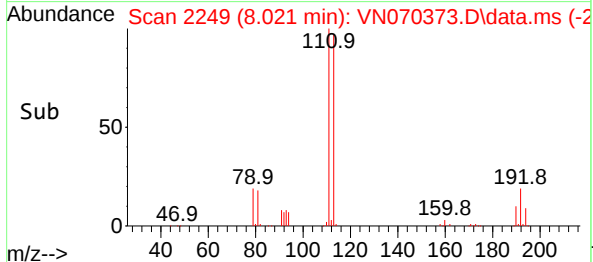
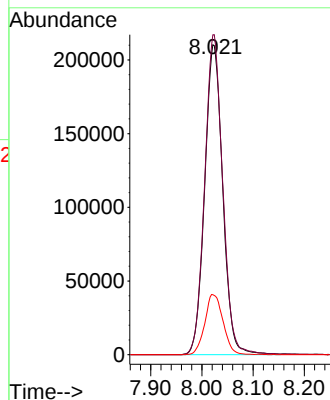
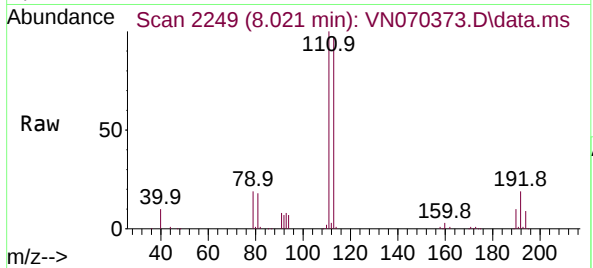




#35
 Dibromofluoromethane
 Concen: 51.907 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN070373.D
 Acq: 30 Dec 2021 3:20

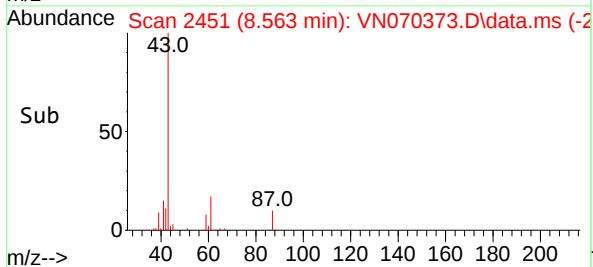
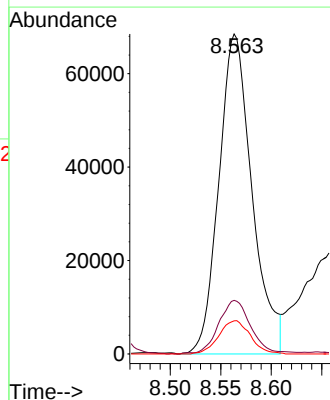
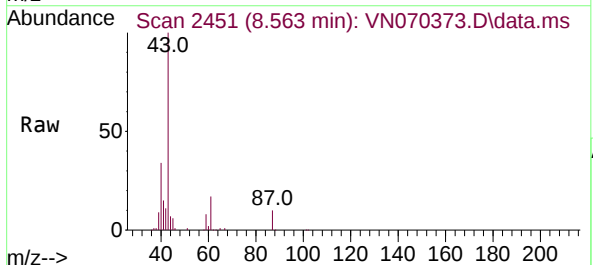
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

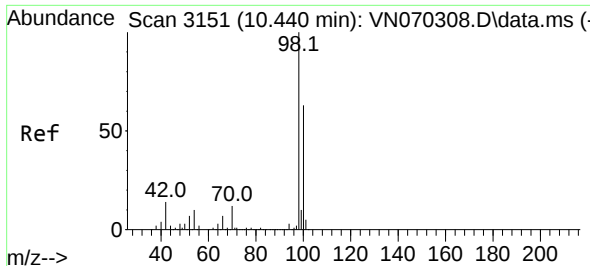
Tgt Ion:113 Resp: 515397
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 19.6 16.9 25.3



#43
 Isopropyl Acetate
 Concen: 4.656 ug/l
 RT: 8.563 min Scan# 2451
 Delta R.T. 0.003 min
 Lab File: VN070373.D
 Acq: 30 Dec 2021 3:20

Tgt Ion: 43 Resp: 156294
 Ion Ratio Lower Upper
 43 100
 61 16.4 20.4 30.6#
 87 9.9 11.2 16.8#

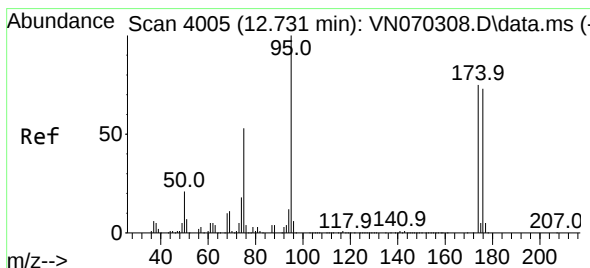
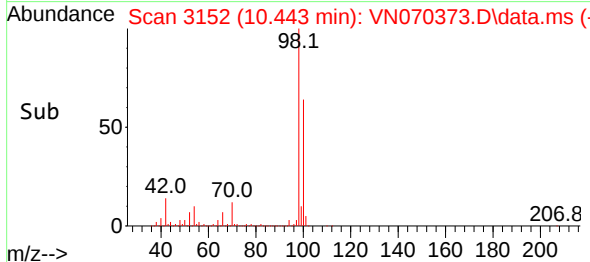
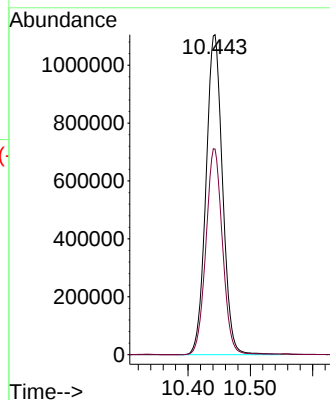
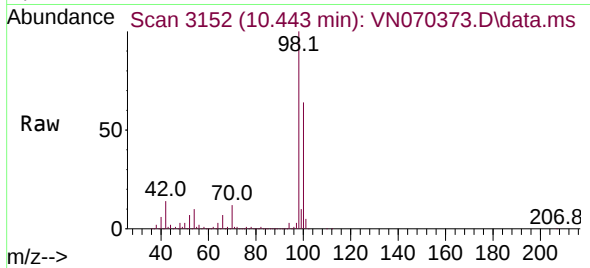




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070373.D
Acq: 30 Dec 2021 3:20

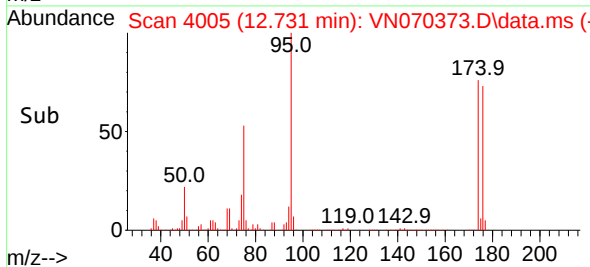
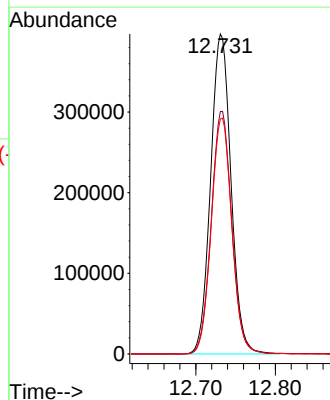
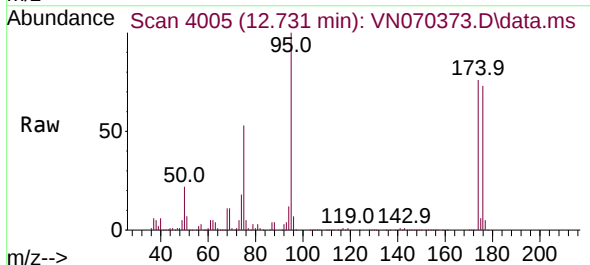
Instrument :
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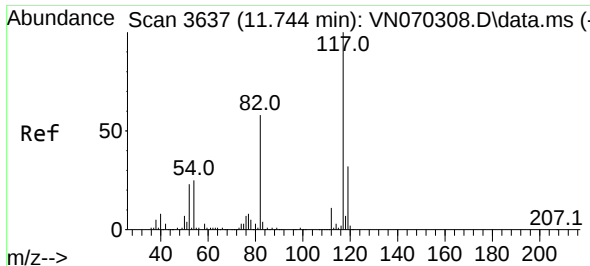
Tgt Ion: 98 Resp: 2040439
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.288 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070373.D
Acq: 30 Dec 2021 3:20

Tgt Ion: 95 Resp: 707423
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 74.1 0.0 181.4

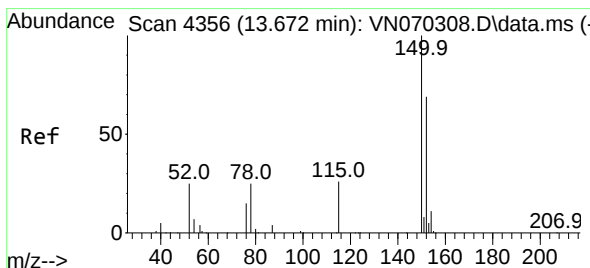
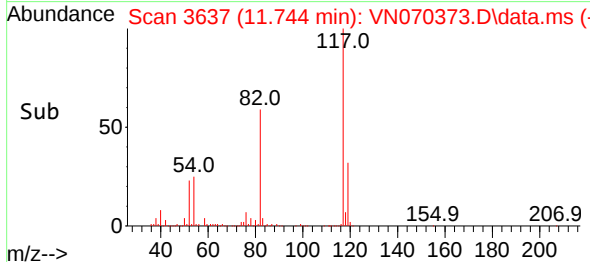
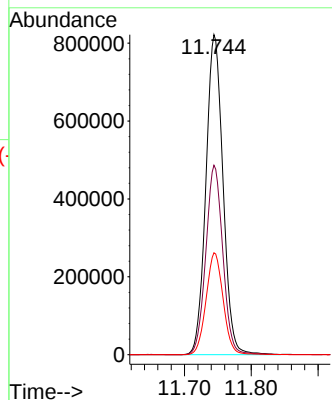
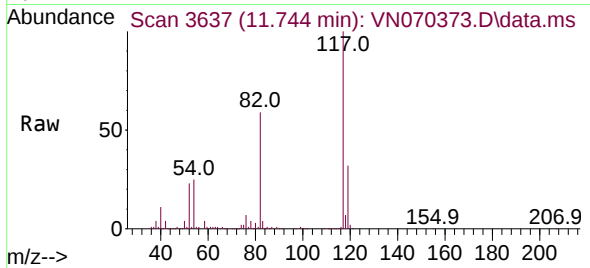




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070373.D
Acq: 30 Dec 2021 3:20

Instrument :
MSVOA_N
ClientSampleId :
TP-1D

Tgt Ion:117 Resp: 1463491
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.9 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: VN070373.D
Acq: 30 Dec 2021 3:20

Tgt Ion:152 Resp: 505723
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 156.1 0.0 344.4

