

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073503.D
 Acq On : 18 Jul 2022 16:53
 Operator : JC\MD
 Sample : N3731-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jul 19 07:05:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

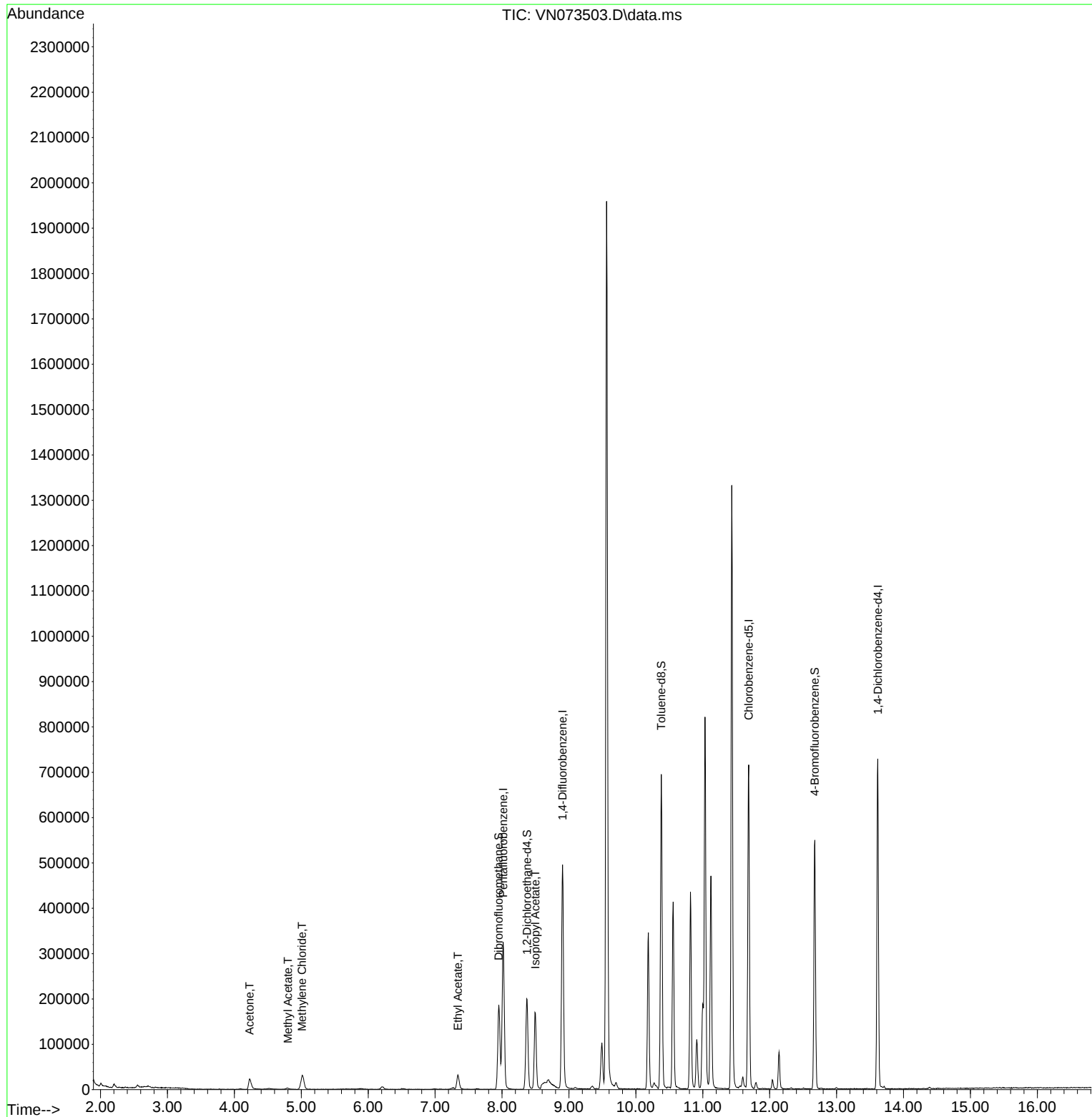
Internal Standards						
1) Pentafluorobenzene	8.016	168	238227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	424106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	400395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	189858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	162614	47.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.560%
35) Dibromofluoromethane	7.951	113	135950	48.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.381	98	454719	45.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.675	95	193043	50.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.260%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	43675	22.625	ug/l	100
18) Methyl Acetate	4.799	43	5915	1.093	ug/l #	80
20) Methylene Chloride	5.010	84	24429	7.201	ug/l	92
37) Ethyl Acetate	7.340	43	50444	7.689	ug/l	98
43) Isopropyl Acetate	8.498	43	199818	21.194	ug/l #	84

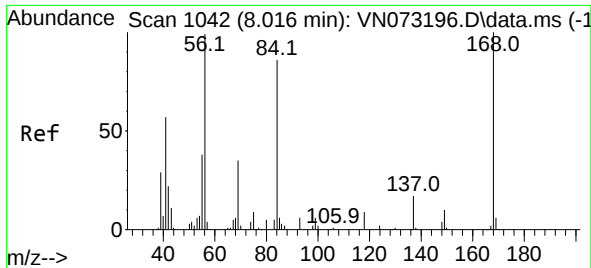
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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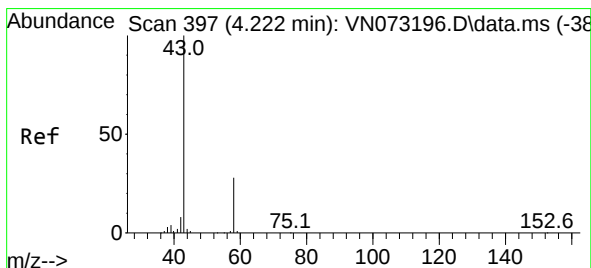
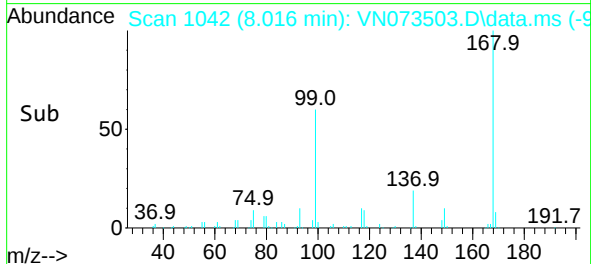
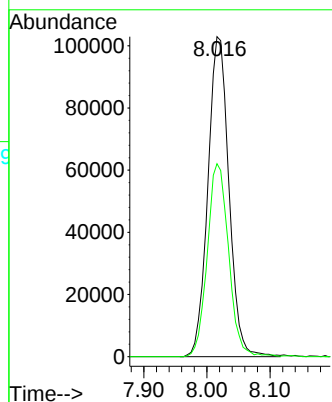
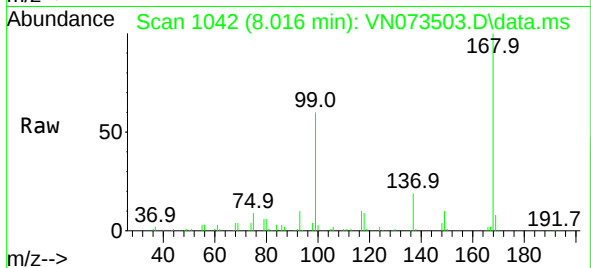




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

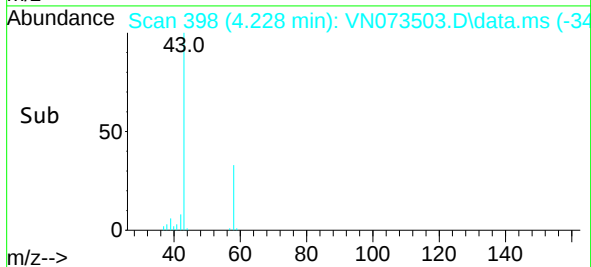
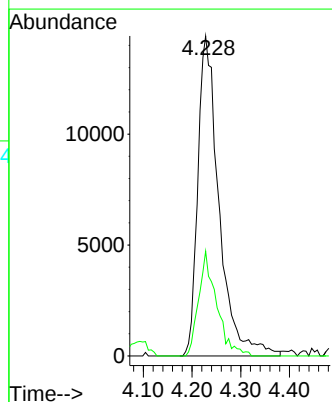
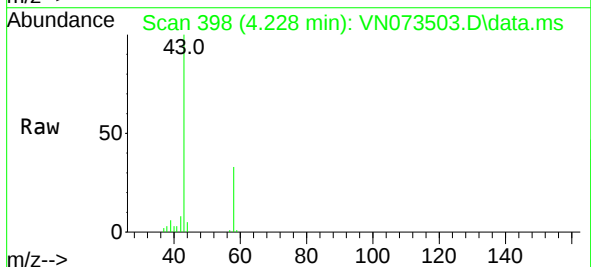
Instrument :
MSVOA_N
ClientSampleId :
TP-1

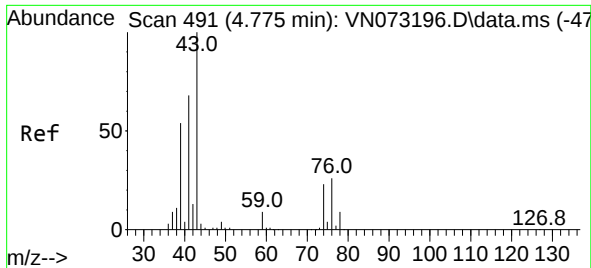
Tgt Ion:168 Resp: 238227
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#16
Acetone
Concen: 22.625 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

Tgt Ion: 43 Resp: 43675
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0

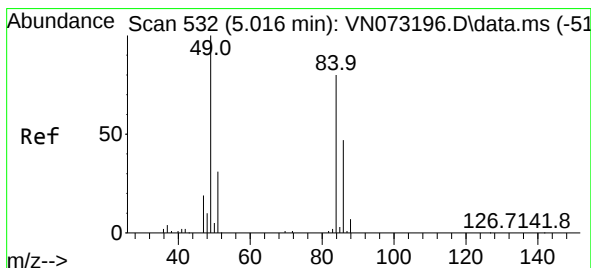
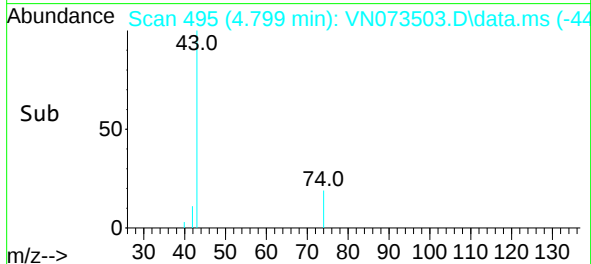
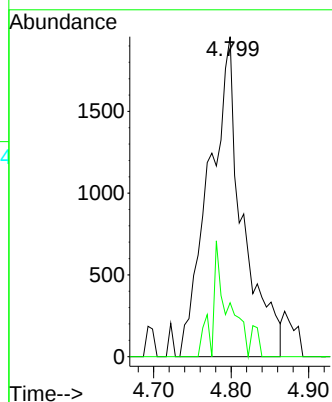
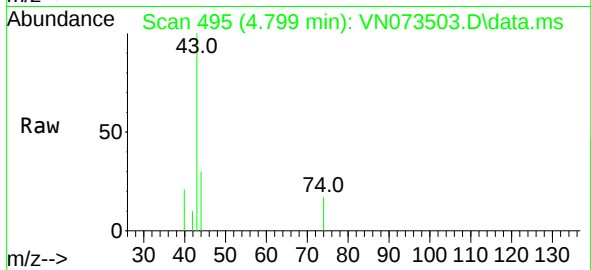




#18
Methyl Acetate
Concen: 1.093 ug/l
RT: 4.799 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

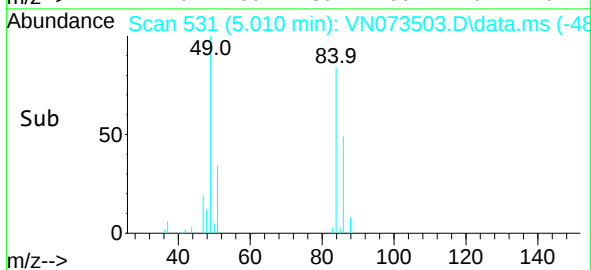
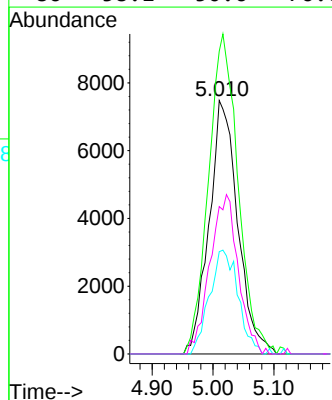
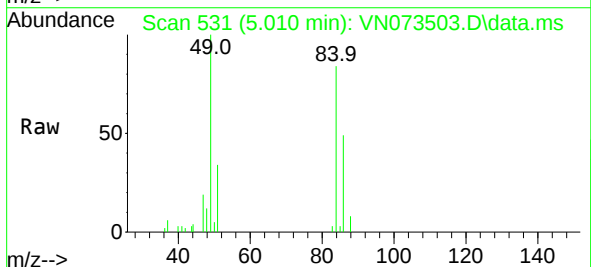
Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 5915
Ion Ratio Lower Upper
43 100
74 16.8 21.6 32.4#



#20
Methylene Chloride
Concen: 7.201 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

Tgt Ion: 84 Resp: 24429
Ion Ratio Lower Upper
84 100
49 119.5 88.3 132.5
51 40.3 28.2 42.2
86 58.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.284 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073503.D

Acq: 18 Jul 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

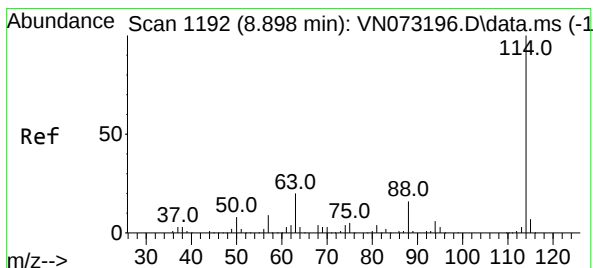
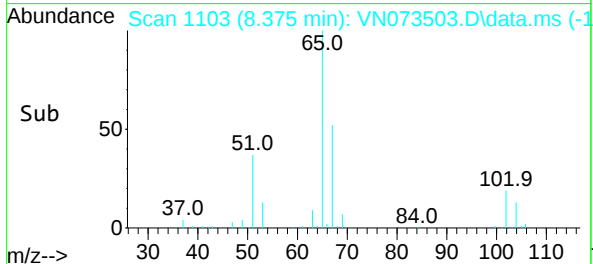
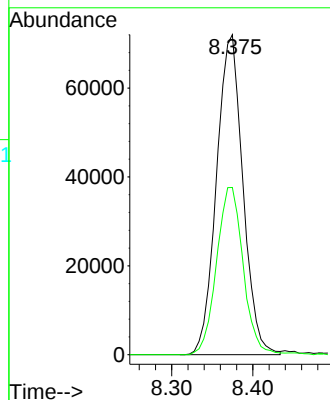
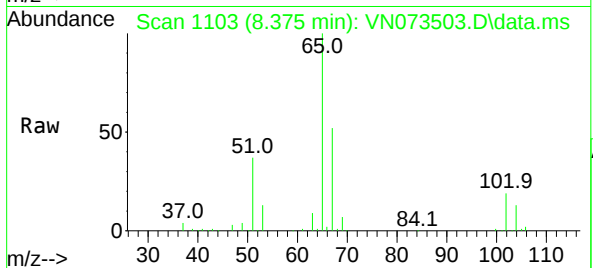
TP-1

Tgt Ion: 65 Resp: 162614

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073503.D

Acq: 18 Jul 2022 16:53

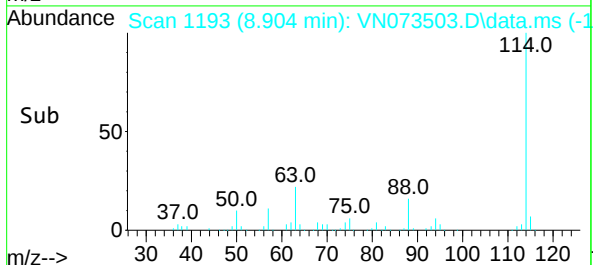
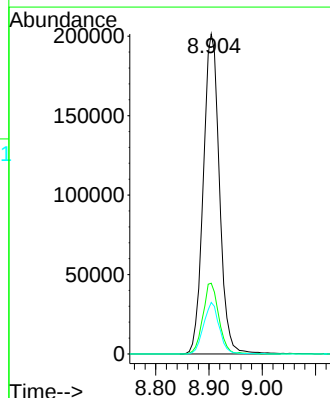
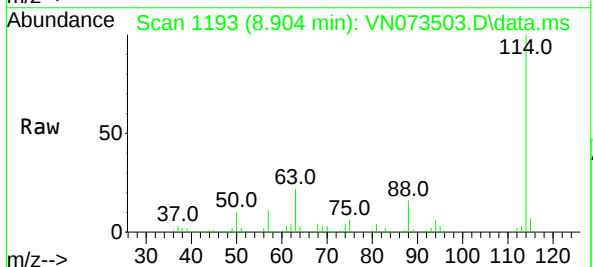
Tgt Ion: 114 Resp: 424106

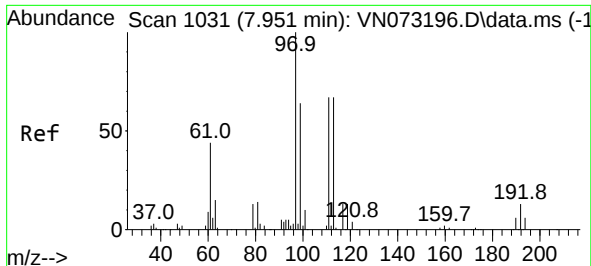
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.1 0.0 32.6

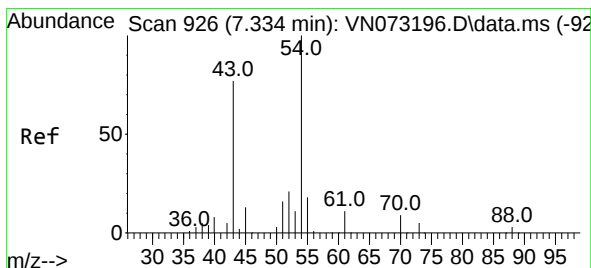
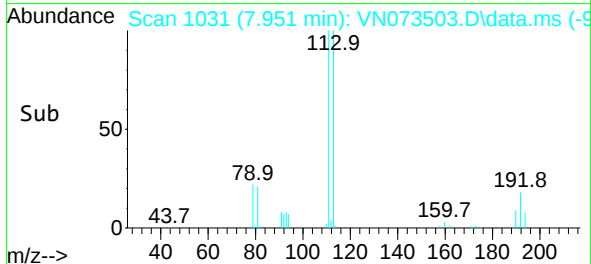
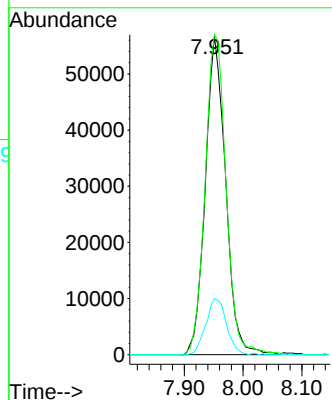
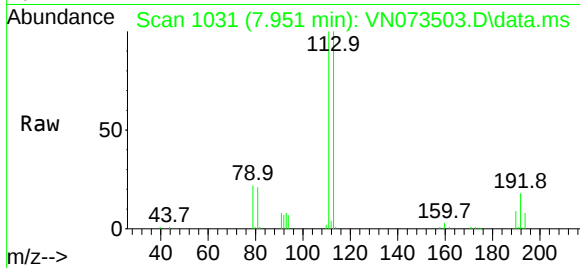




#35
Dibromofluoromethane
Concen: 48.181 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

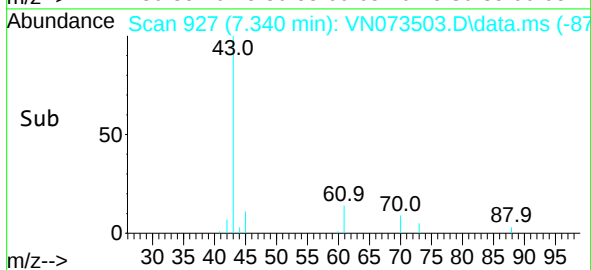
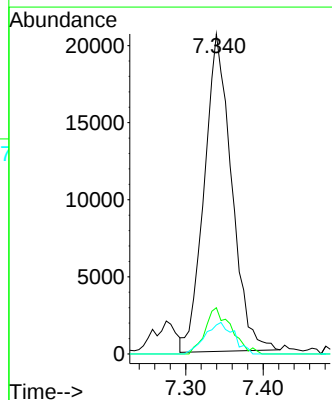
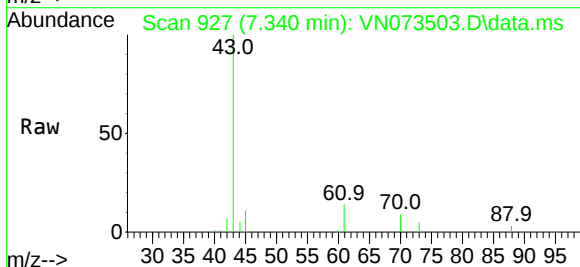
Instrument :
MSVOA_N
ClientSampleId :
TP-1

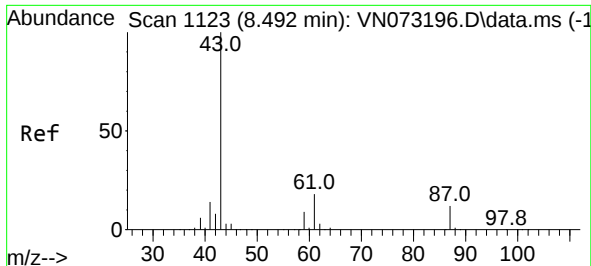
Tgt Ion:113 Resp: 135950
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 17.9 17.0 25.6



#37
Ethyl Acetate
Concen: 7.689 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

Tgt Ion: 43 Resp: 50444
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.5 9.3 13.9

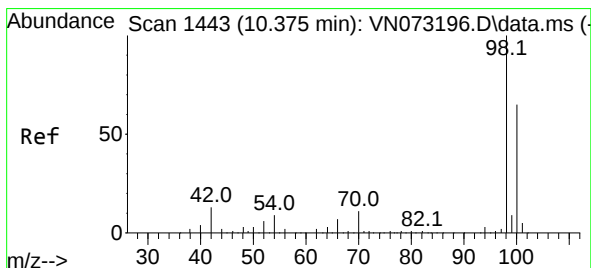
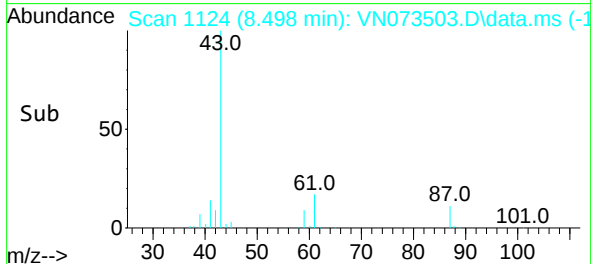
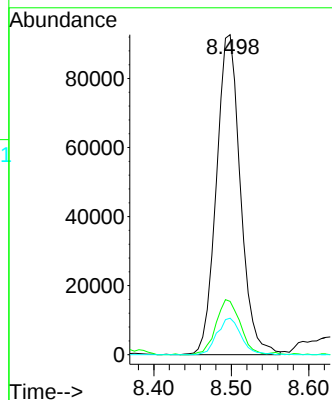
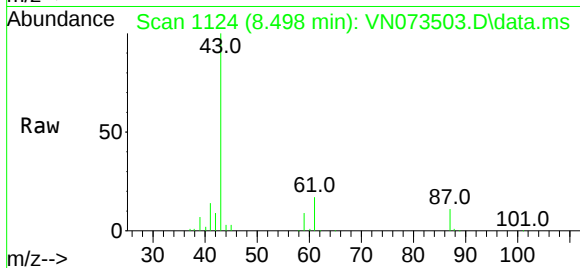




#43
Isopropyl Acetate
Concen: 21.194 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

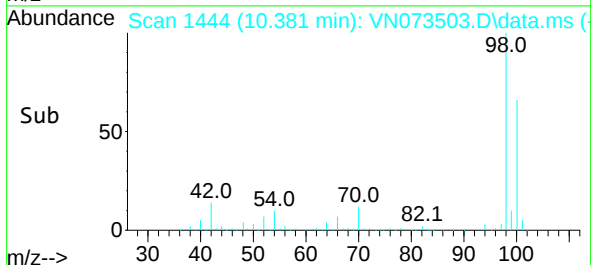
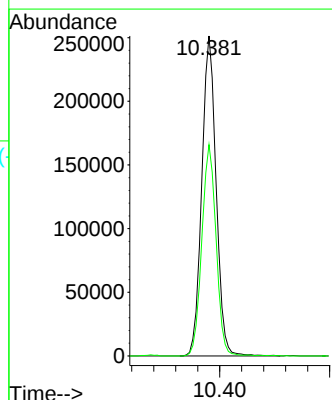
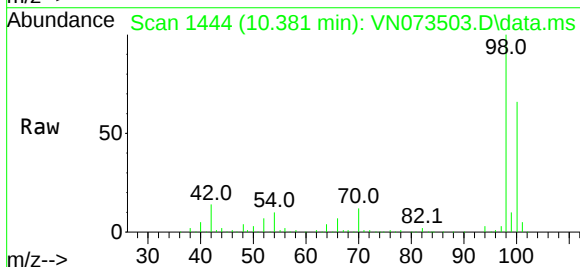
Instrument :
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ClientSampleId :
TP-1

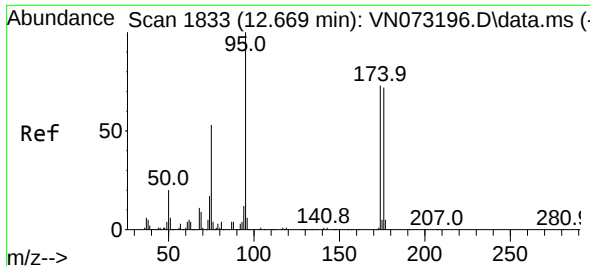
Tgt Ion: 43 Resp: 199818
Ion Ratio Lower Upper
43 100
61 17.4 21.9 32.9#
87 11.4 12.0 18.0#



#50
Toluene-d8
Concen: 45.374 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

Tgt Ion: 98 Resp: 454719
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

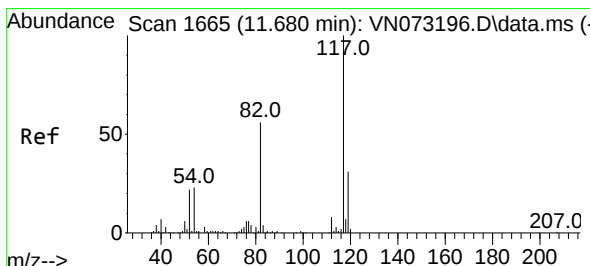
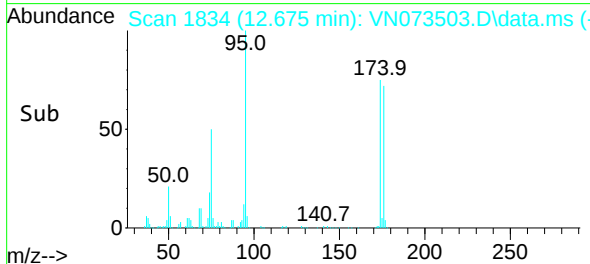
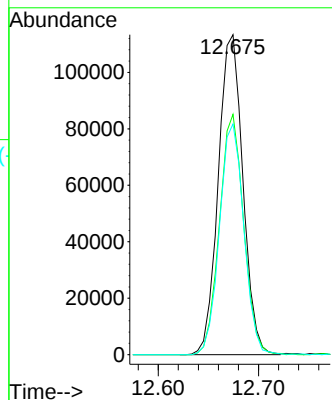
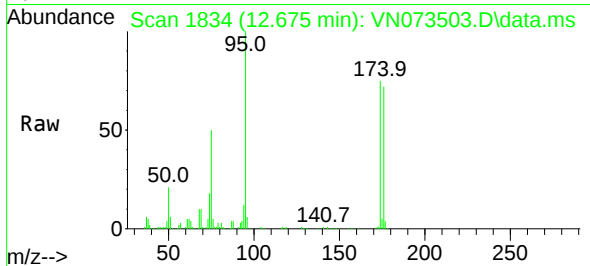




#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

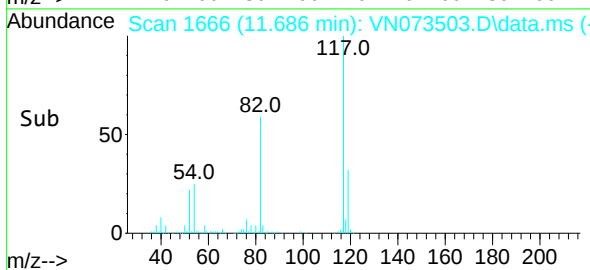
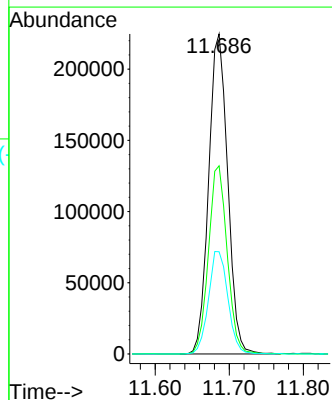
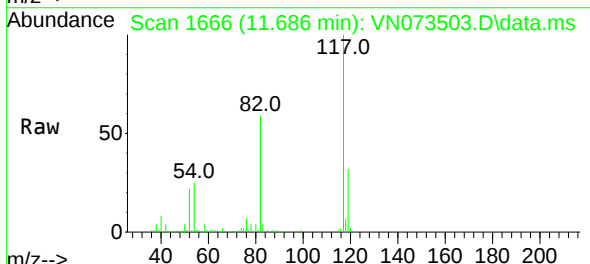
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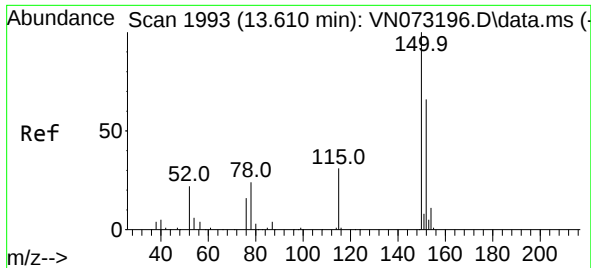
Tgt Ion: 95 Resp: 193043
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073503.D
Acq: 18 Jul 2022 16:53

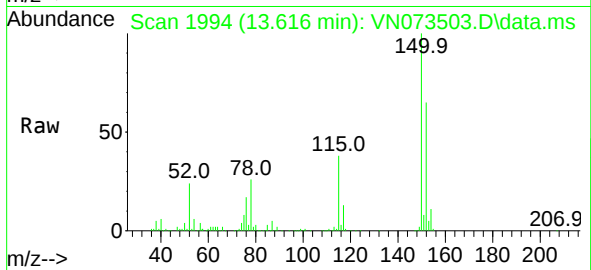
Tgt Ion: 117 Resp: 400395
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN073503.D
 Acq: 18 Jul 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1



Tgt Ion:152 Resp: 189858
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 157.0 0.0 356.2

