

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073932.D
 Acq On : 16 Aug 2022 07:00
 Operator : JC\MD
 Sample : N4200-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 08:14:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.645	168	609377m	50.000	ug/l	-0.37
34) 1,4-Difluorobenzene	8.651	114	899764	50.000	ug/l	-0.25
63) Chlorobenzene-d5	11.627	117	878473m	50.000	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	13.598	152	465771	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.034	65	290168	48.888	ug/l	-0.34
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.780%		
35) Dibromofluoromethane	7.551	113	283011	53.186	ug/l	-0.40
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.380%		
50) Toluene-d8	10.257	98	954799	46.331	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.660%		
62) 4-Bromofluorobenzene	12.645	95	401364m	58.683	ug/l	-0.03
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.360%		
Target Compounds					Qvalue	
16) Acetone	3.234	43	58378m	20.848	ug/l	
20) Methylene Chloride	4.028	84	98068m	16.597	ug/l	
43) Isopropyl Acetate	8.204	43	286624	22.470	ug/l #	92

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

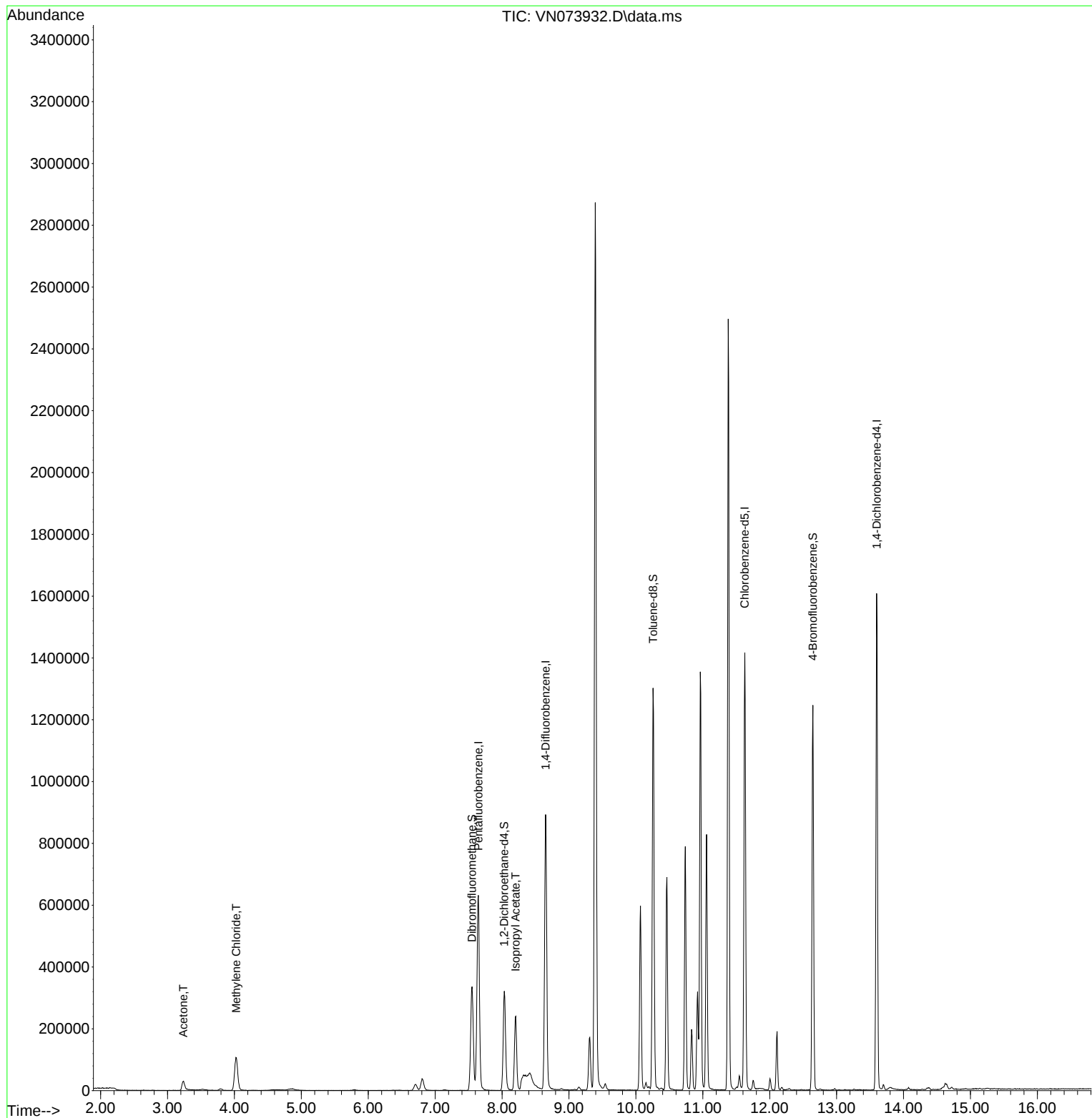
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
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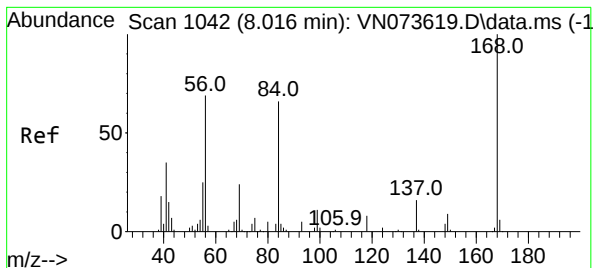
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 7.645 min Scan# 91

Delta R.T. -0.371 min

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Acq: 16 Aug 2022 07:00

Instrument :

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ClientSampleId :

S2

Tgt Ion:168 Resp: 60937

Ion Ratio Lower Upper

168 100

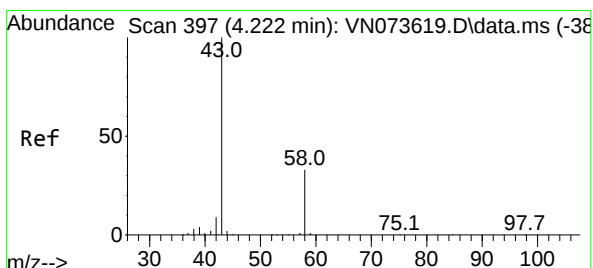
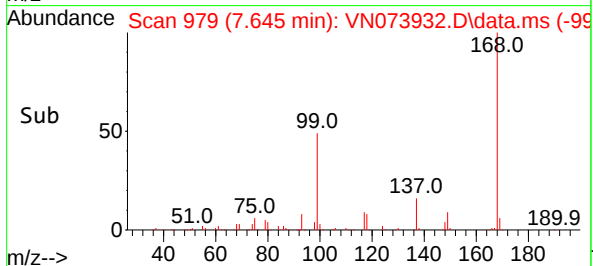
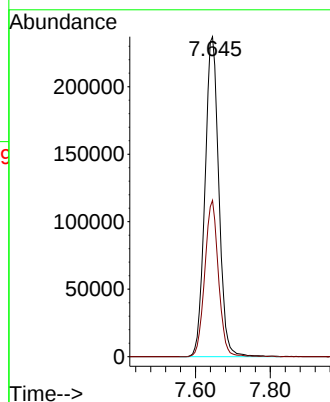
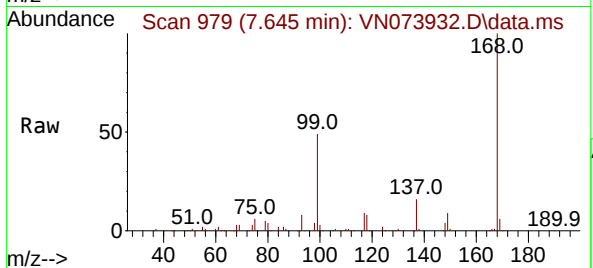
99 48.9 42.3 63.5

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#16

Acetone

Concen: 20.848 ug/l m

RT: 3.234 min Scan# 229

Delta R.T. -0.988 min

Lab File: VN073932.D

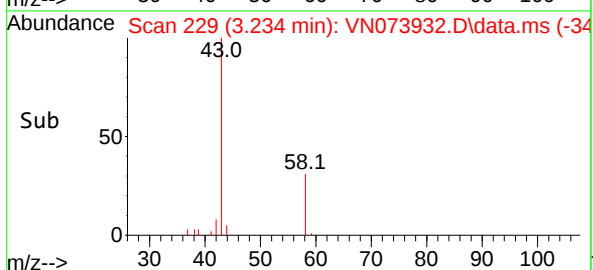
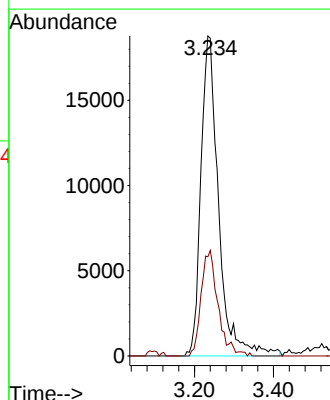
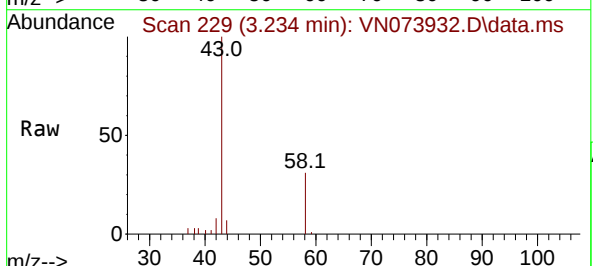
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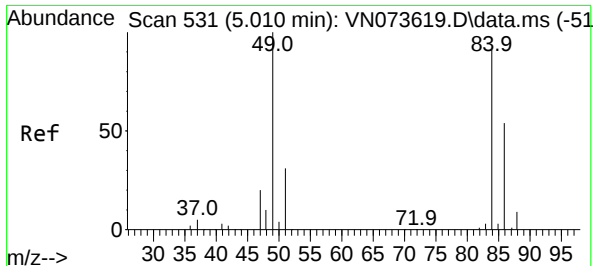
Tgt Ion: 43 Resp: 58378

Ion Ratio Lower Upper

43 100

58 31.0 26.0 39.0





#20

Methylene Chloride

Concen: 16.597 ug/l m

RT: 4.028 min Scan# 30

Delta R.T. -0.982 min

Lab File: VN073932.D

Acq: 16 Aug 2022 07:00

Instrument :

MSVOA_N

ClientSampleId :

S2

Tgt Ion: 84 Resp: 9806

Ion Ratio Lower Upper

84 100

49 96.4 88.3 132.5

51 30.7 28.2 42.2

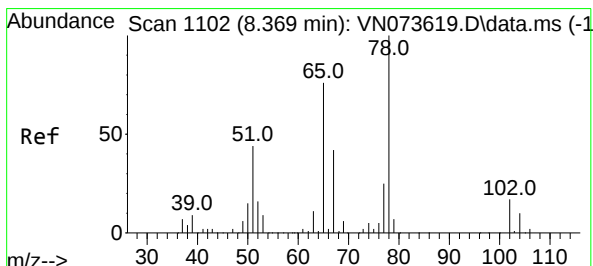
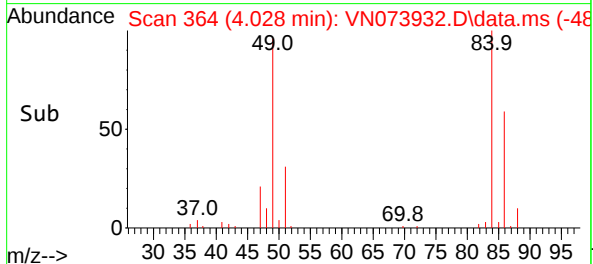
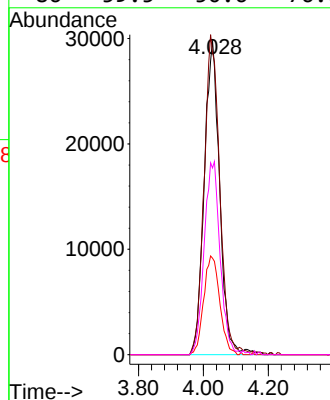
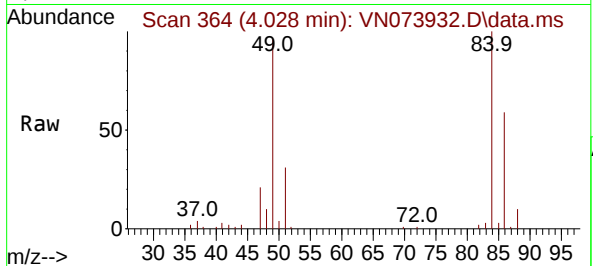
86 59.5 50.6 76.0

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#33

1,2-Dichloroethane-d4

Concen: 48.888 ug/l

RT: 8.034 min Scan# 1045

Delta R.T. -0.335 min

Lab File: VN073932.D

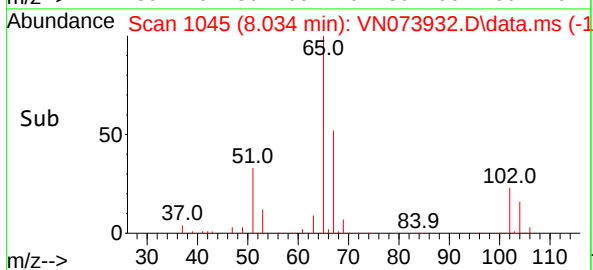
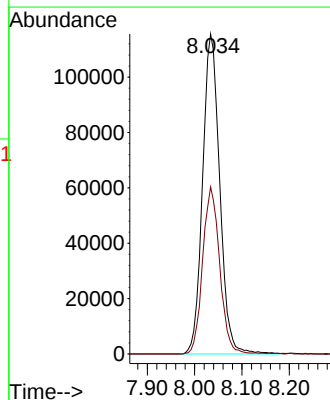
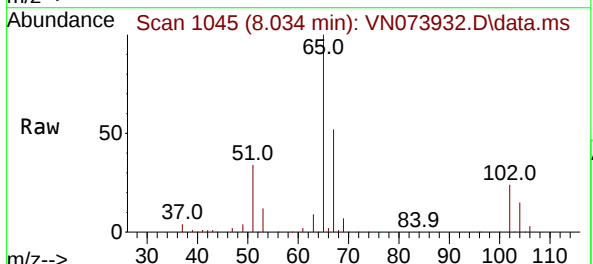
Acq: 16 Aug 2022 07:00

Tgt Ion: 65 Resp: 290168

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.651 min Scan# 1193

Delta R.T. -0.253 min

Lab File: VN073932.D

Acq: 16 Aug 2022 07:00

Instrument :

MSVOA_N

ClientSampleId :

S2

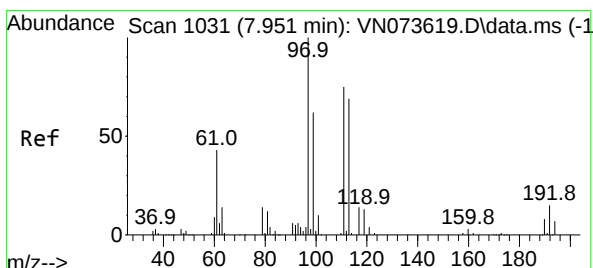
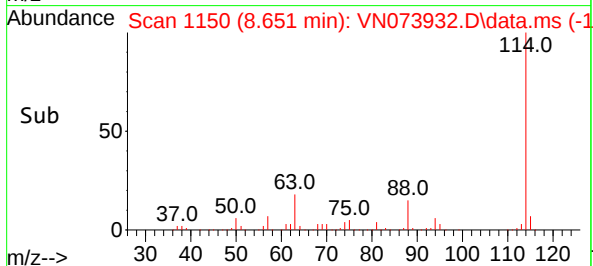
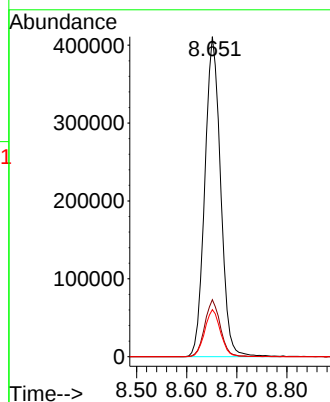
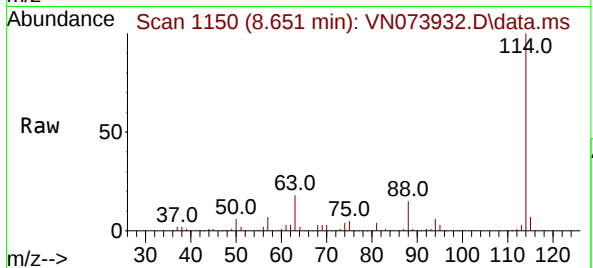
Tgt Ion:114 Resp: 899764
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 40.0
 88 14.7 0.0 32.6

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#35

Dibromofluoromethane

Concen: 53.186 ug/l

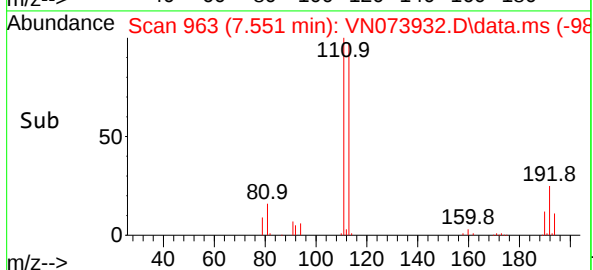
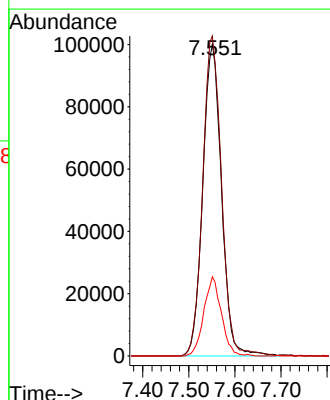
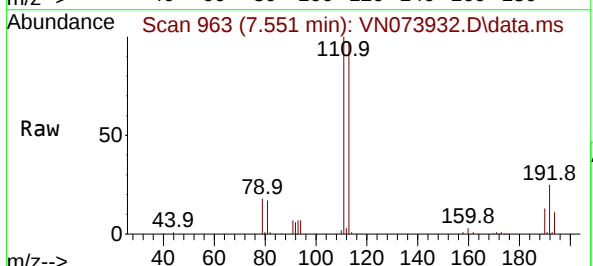
RT: 7.551 min Scan# 963

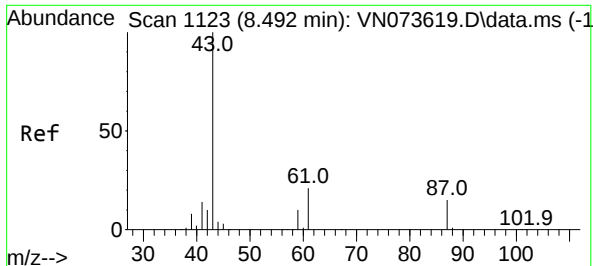
Delta R.T. -0.400 min

Lab File: VN073932.D

Acq: 16 Aug 2022 07:00

Tgt Ion:113 Resp: 283011
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 23.9 17.0 25.6





#43

Isopropyl Acetate

Concen: 22.470 ug/l

RT: 8.204 min Scan# 1074

Delta R.T. -0.288 min

Lab File: VN073932.D

Acq: 16 Aug 2022 07:00

Instrument :

MSVOA_N

ClientSampleId :

S2

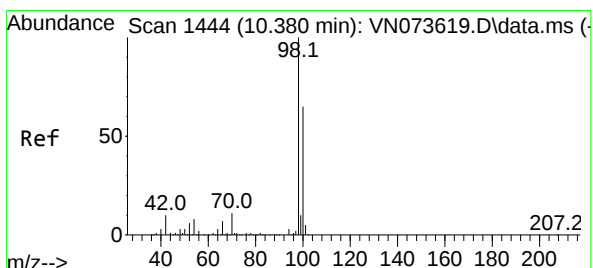
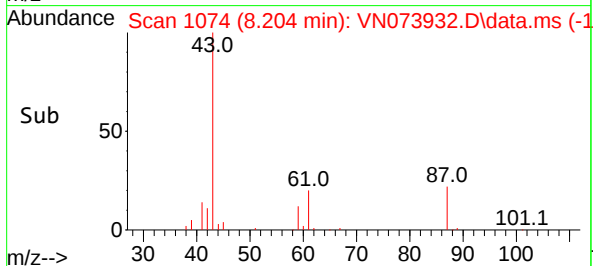
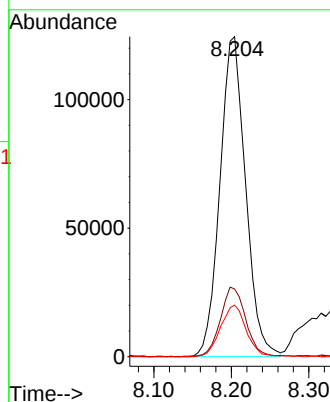
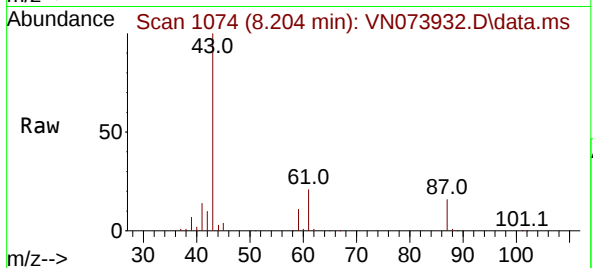
Tgt Ion:	43	Resp:	286624
Ion	Ratio	Lower	Upper
43	100		
61	21.5	21.9	32.9
87	16.2	12.0	18.0

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#50

Toluene-d8

Concen: 46.331 ug/l

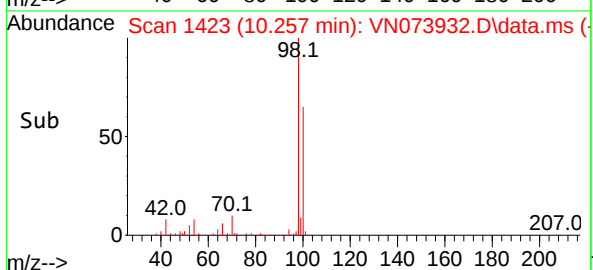
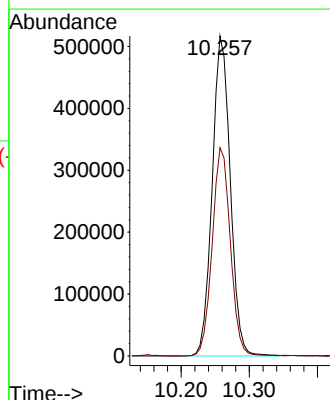
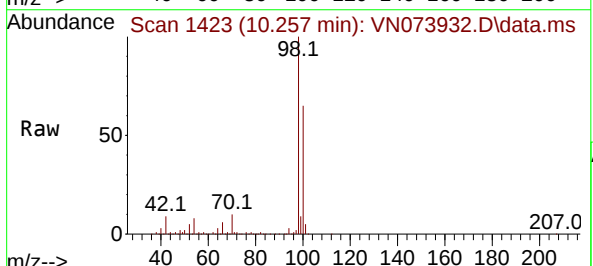
RT: 10.257 min Scan# 1423

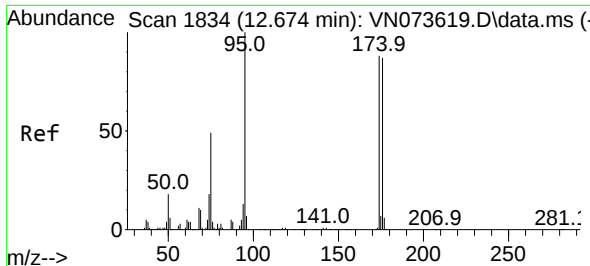
Delta R.T. -0.123 min

Lab File: VN073932.D

Acq: 16 Aug 2022 07:00

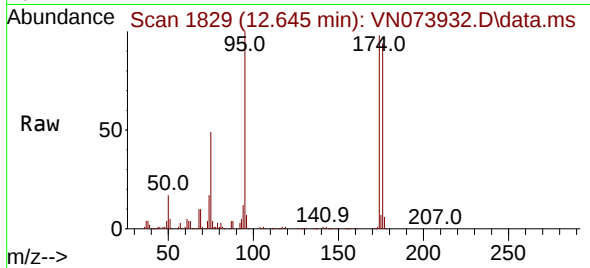
Tgt Ion:	98	Resp:	954799
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#62
4-Bromofluorobenzene
Concen: 58.683 ug/l m
RT: 12.645 min Scan# 1829
Delta R.T. -0.029 min
Lab File: VN073932.D
Acq: 16 Aug 2022 07:00

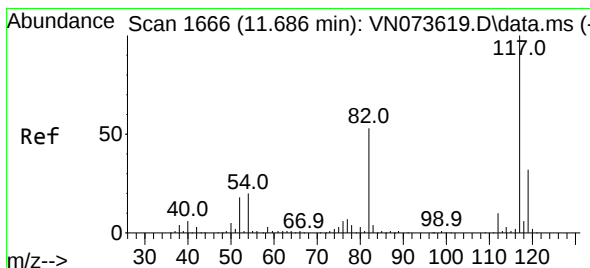
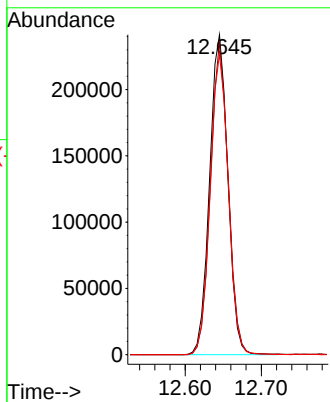
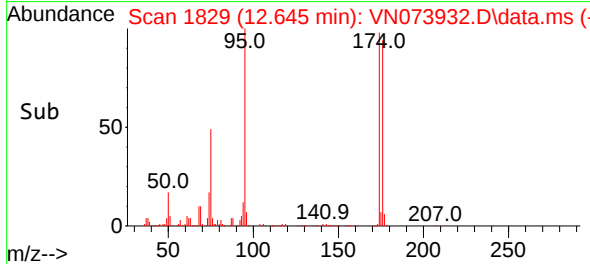
Instrument :
MSVOA_N
ClientSampleId :
S2



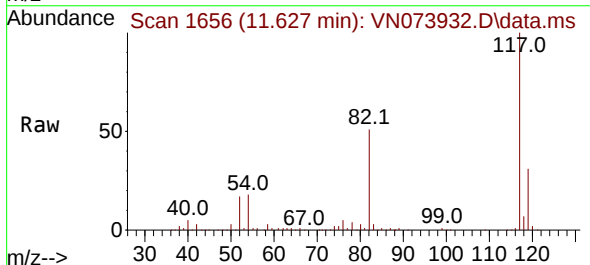
Tgt Ion: 95 Resp: 401364
Ion Ratio Lower Upper
95 100
174 0.0 0.0 167.6
176 0.0 0.0 163.4

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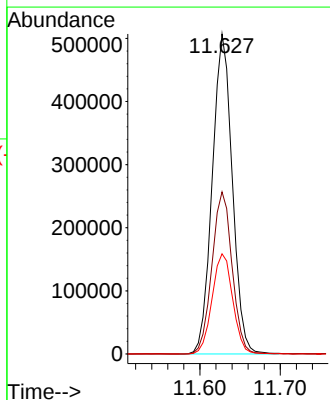
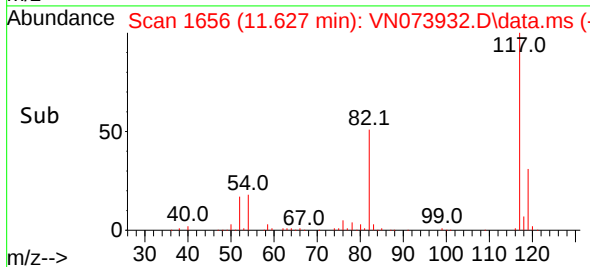
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

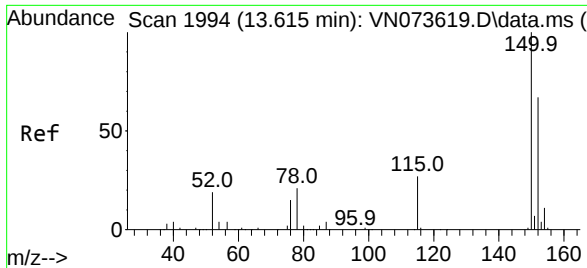


#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.627 min Scan# 1656
Delta R.T. -0.059 min
Lab File: VN073932.D
Acq: 16 Aug 2022 07:00



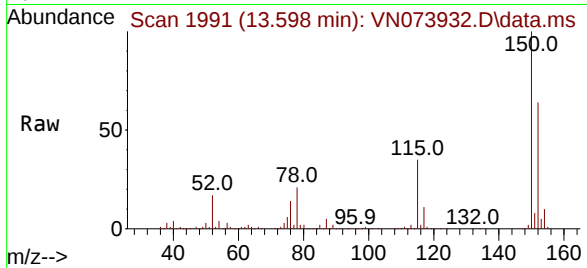
Tgt Ion:117 Resp: 878473
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 31.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.598 min Scan# 1991
 Delta R.T. -0.017 min
 Lab File: VN073932.D
 Acq: 16 Aug 2022 07:00

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 465772
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.9 86.7
 150 157.8 0.0 356.2

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