

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073785.D
 Acq On : 09 Aug 2022 13:22
 Operator : JC\MD
 Sample : PB146833ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146833ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:07:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	376992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	615989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	595077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	272165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	225125	49.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.000%		
35) Dibromofluoromethane	7.951	113	210348	54.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.760%		
50) Toluene-d8	10.380	98	714713	46.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.674	95	258548	50.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	113495	45.994	ug/l	94
18) Methyl Acetate	4.798	43	8914m	1.452	ug/l	
20) Methylene Chloride	5.016	84	30661	5.729	ug/l	97
25) 2-Butanone	7.269	43	24209	6.317	ug/l	94
37) Ethyl Acetate	7.345	43	69129	9.522	ug/l	99
43) Isopropyl Acetate	8.498	43	263205	26.840	ug/l #	93

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

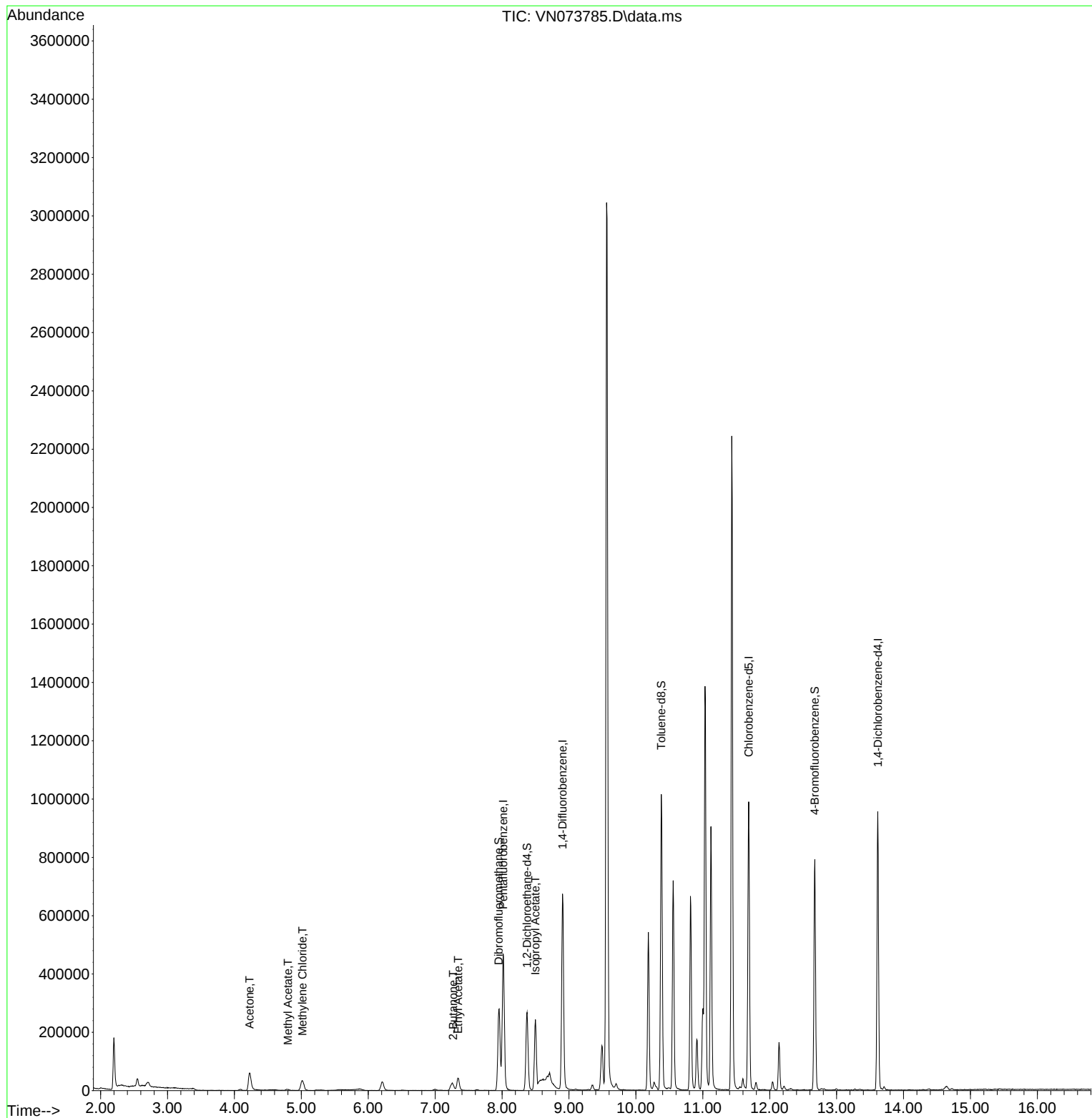
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
Data File : VN073785.D
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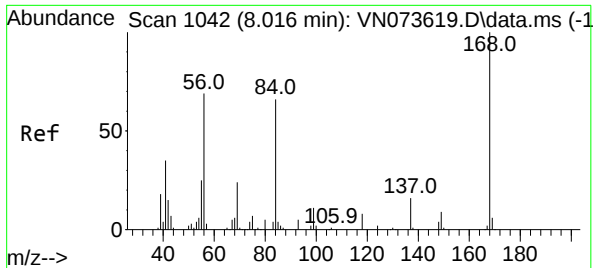
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#02

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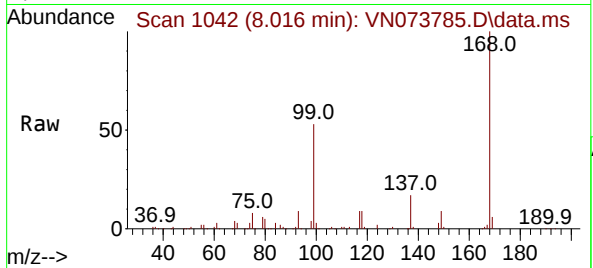
Quant Time: Aug 09 21:07:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

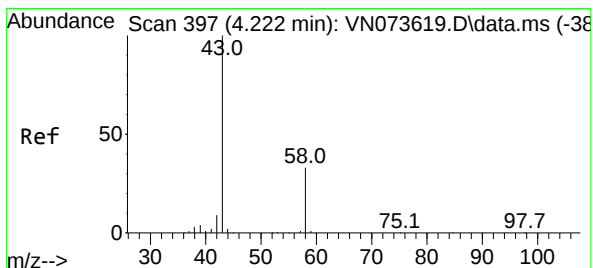
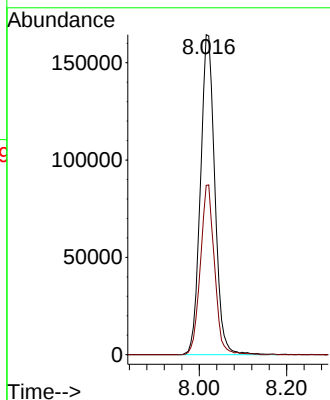
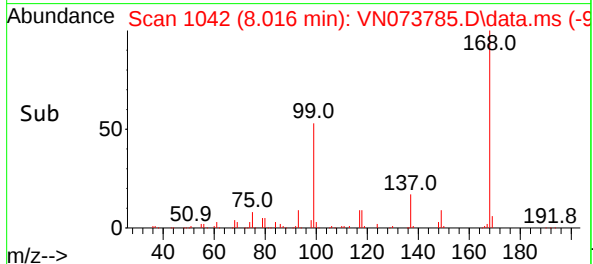
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#02



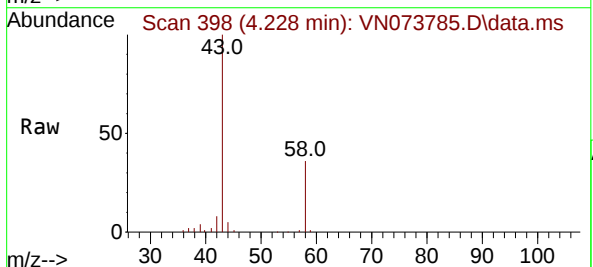
Tgt Ion:168 Resp: 376992
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

Manual Integrations
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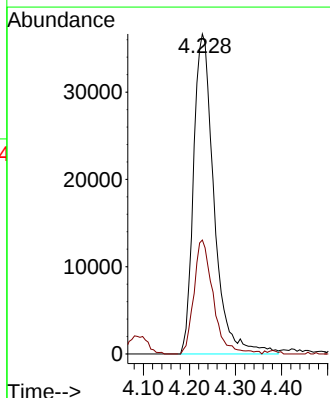
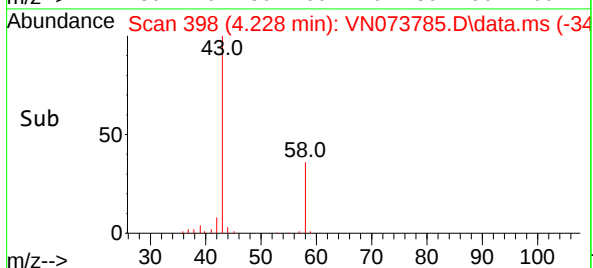
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
Acetone
Concen: 45.994 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22



Tgt Ion: 43 Resp: 113495
Ion Ratio Lower Upper
43 100
58 35.6 26.0 39.0





#18

Methyl Acetate

Concen: 1.452 ug/l m

RT: 4.798 min Scan# 492

Delta R.T. 0.018 min

Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#02

Tgt Ion: 43 Resp: 8914

Ion Ratio Lower Upper

43 100

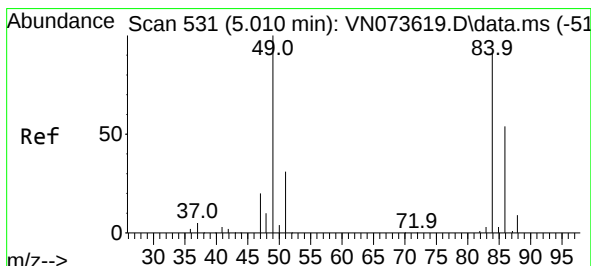
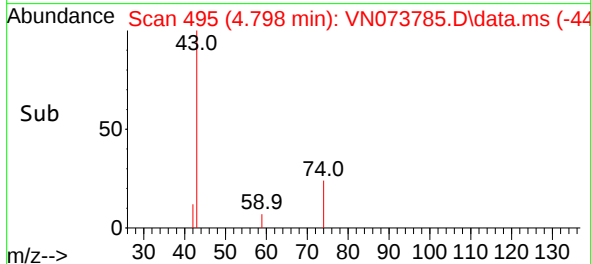
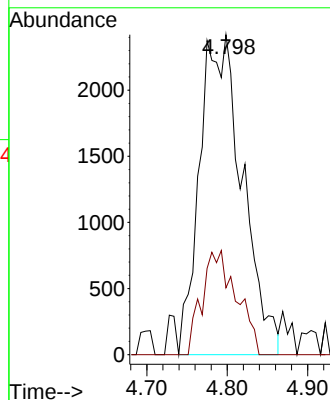
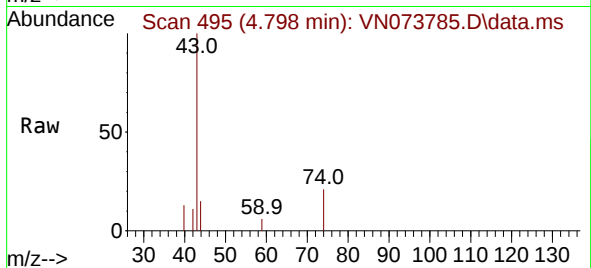
74 26.3 21.6 32.4

Manual Integrations

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#20

Methylene Chloride

Concen: 5.729 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.006 min

Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Tgt Ion: 84 Resp: 30661

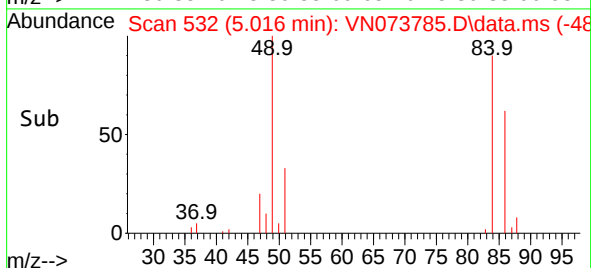
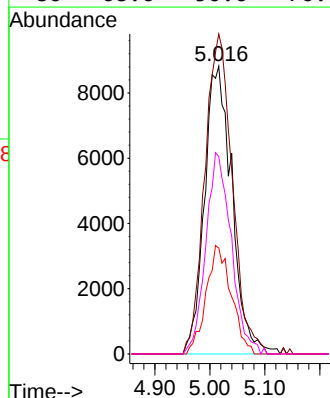
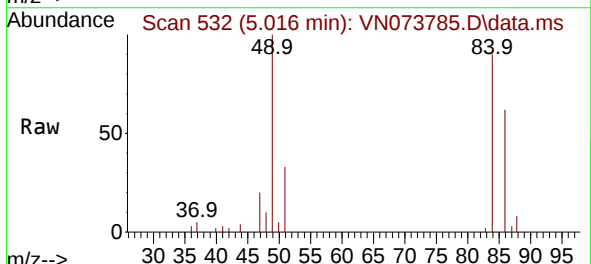
Ion Ratio Lower Upper

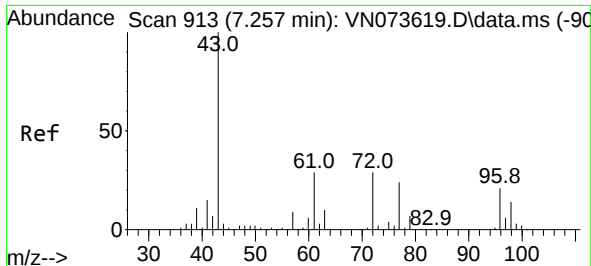
84 100

49 111.2 88.3 132.5

51 36.9 28.2 42.2

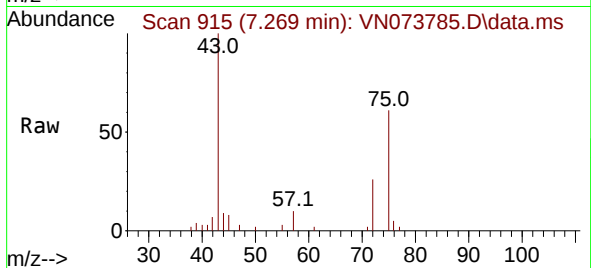
86 68.6 50.6 76.0





#25
2-Butanone
Concen: 6.317 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

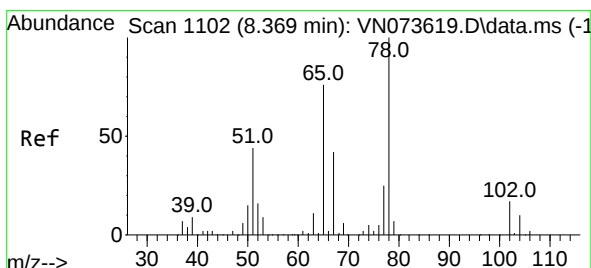
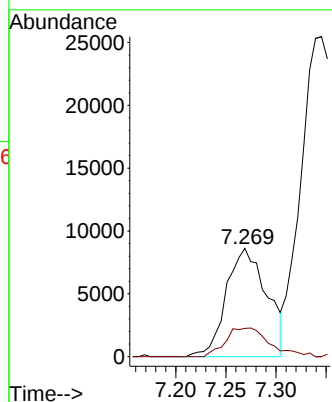
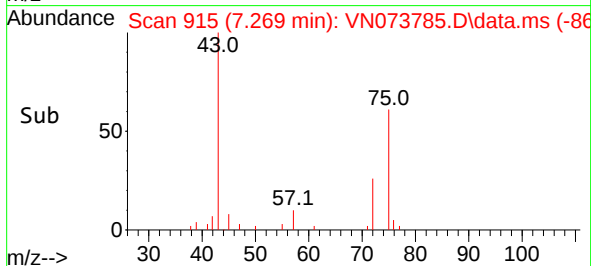
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#02



Tgt Ion: 43 Resp: 24209
Ion Ratio Lower Upper
43 100
72 26.2 23.7 35.5

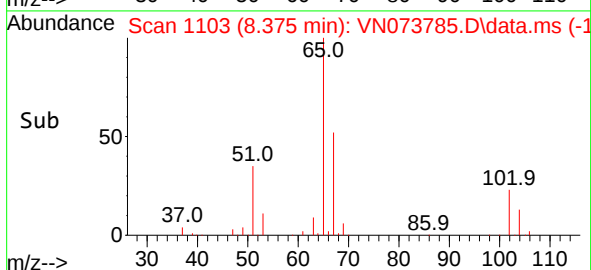
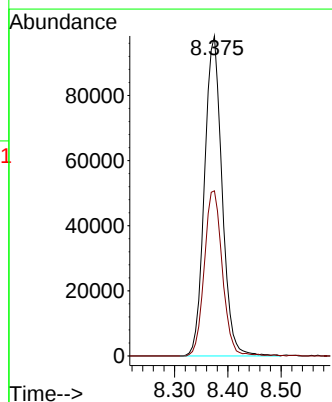
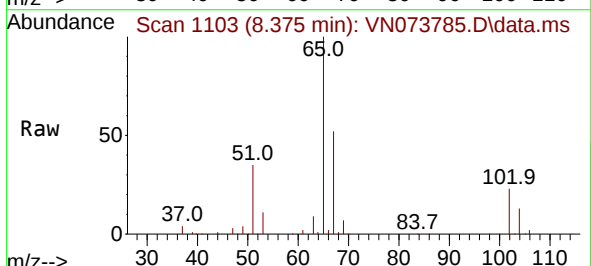
Manual Integrations
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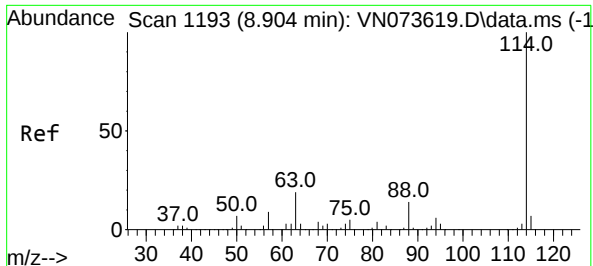
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022



#33
1,2-Dichloroethane-d4
Concen: 49.001 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

Tgt Ion: 65 Resp: 225125
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#02

Tgt Ion:114 Resp: 61598

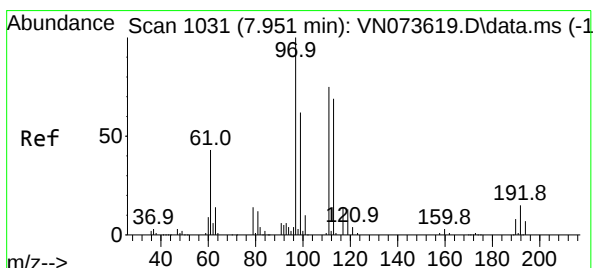
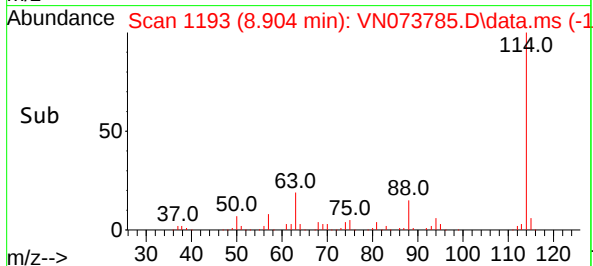
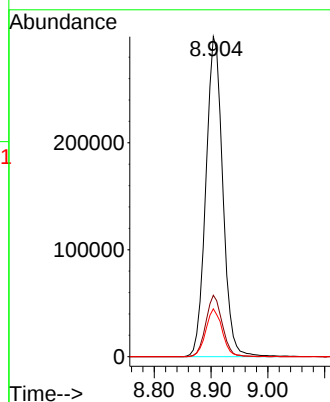
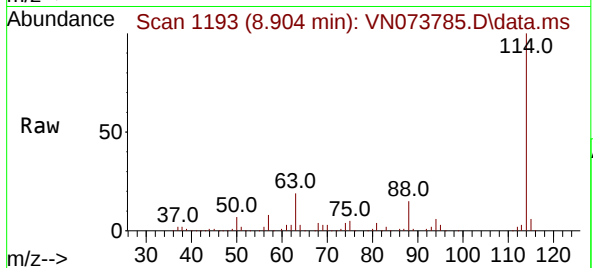
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	15.0	0.0	32.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/11/2022



#35

Dibromofluoromethane

Concen: 54.381 ug/l

RT: 7.951 min Scan# 1031

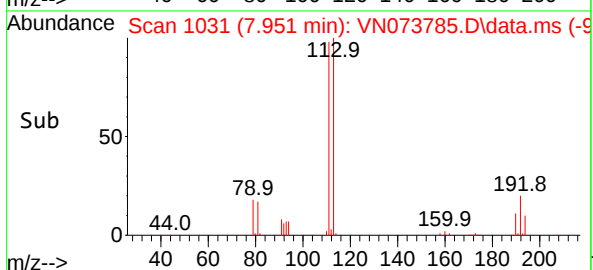
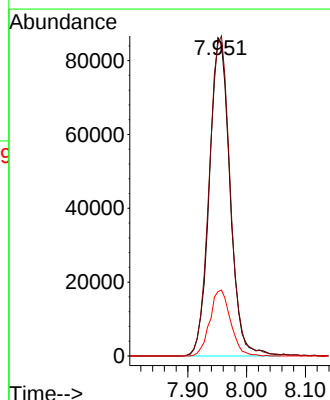
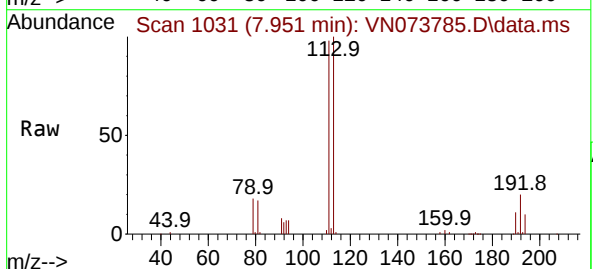
Delta R.T. -0.000 min

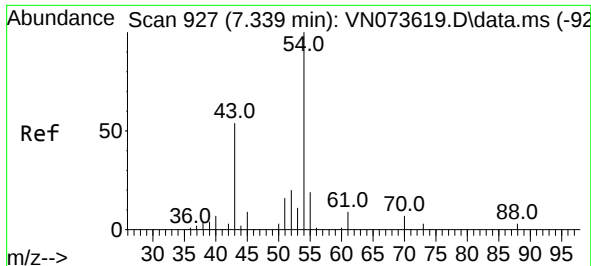
Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Tgt Ion:113 Resp: 210348

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	20.8	17.0	25.6





#37

Ethyl Acetate

Concen: 9.522 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#02

Tgt Ion: 43 Resp: 69129

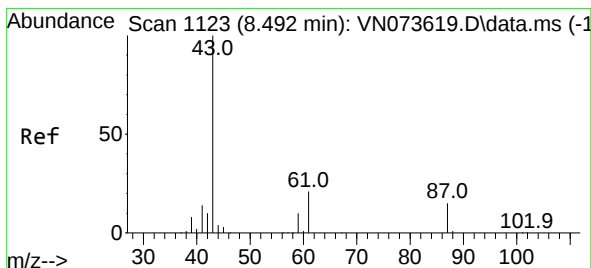
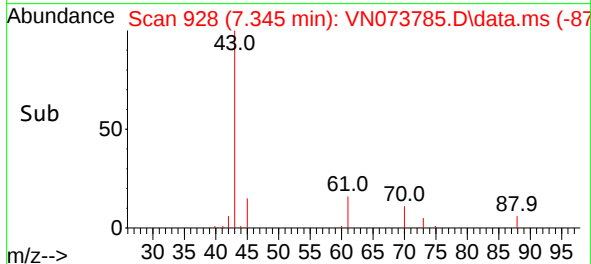
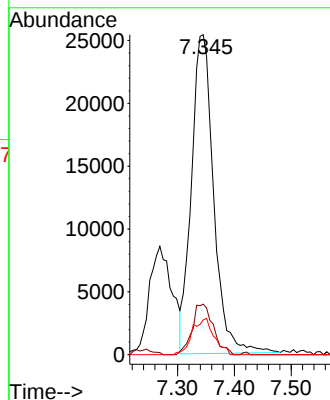
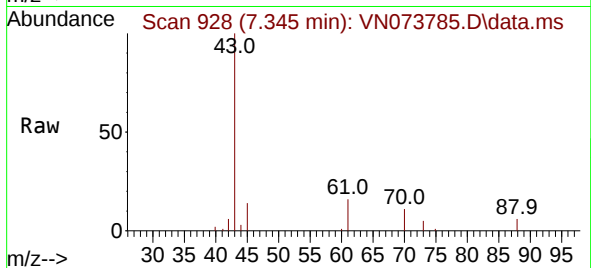
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.8	17.6
70	11.1	9.3	13.9

Manual Integrations

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#43

Isopropyl Acetate

Concen: 26.840 ug/l

RT: 8.498 min Scan# 1124

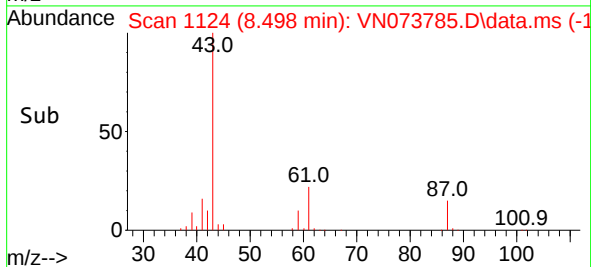
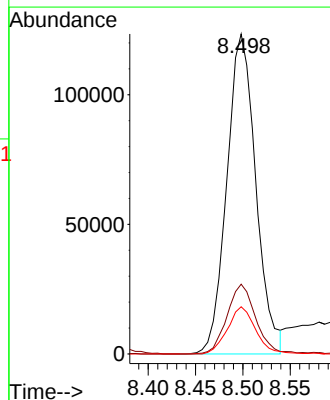
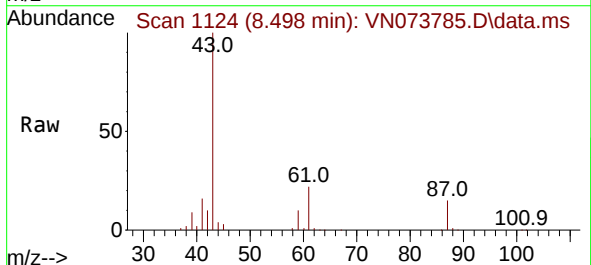
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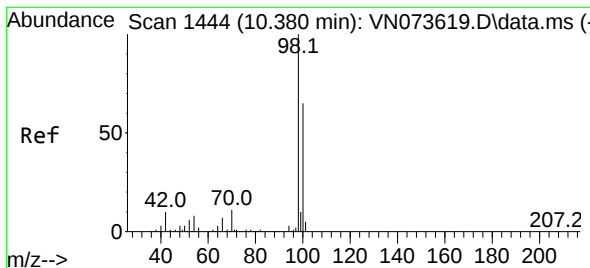
Lab File: VN073785.D

Acq: 09 Aug 2022 13:22

Tgt Ion: 43 Resp: 263205

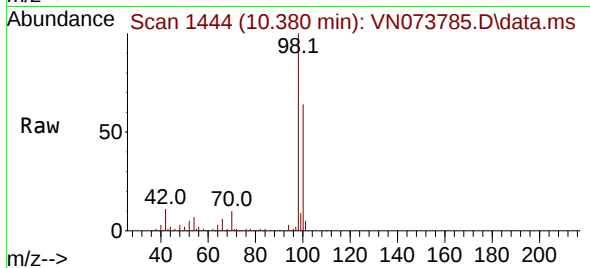
Ion	Ratio	Lower	Upper
43	100		
61	21.9	21.9	32.9#
87	14.3	12.0	18.0





#50
Toluene-d8
Concen: 46.955 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

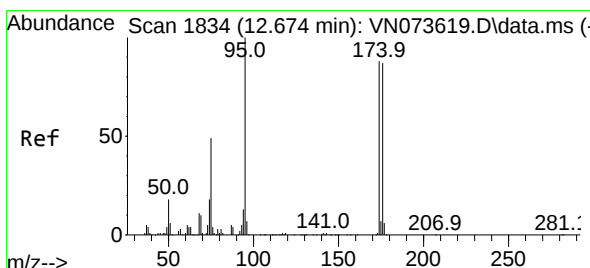
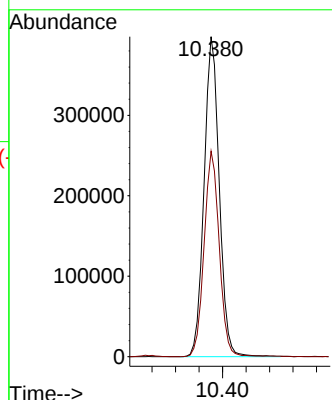
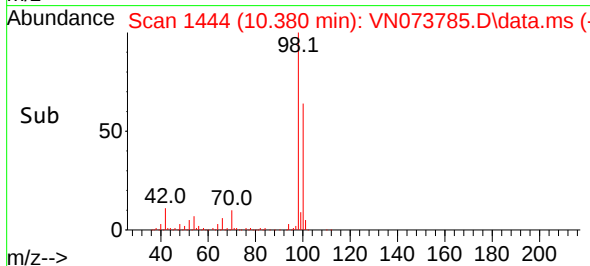
Instrument :
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PB146833ZHE#02



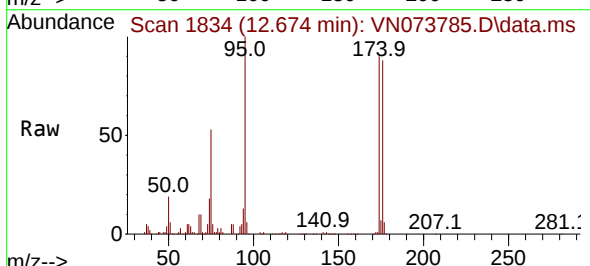
Tgt Ion: 98 Resp: 714711
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

Manual Integrations
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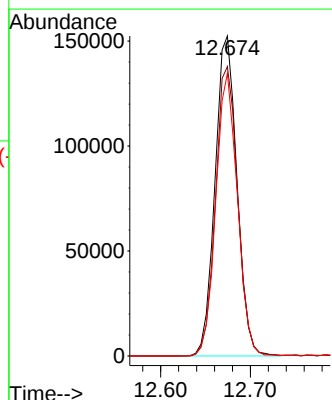
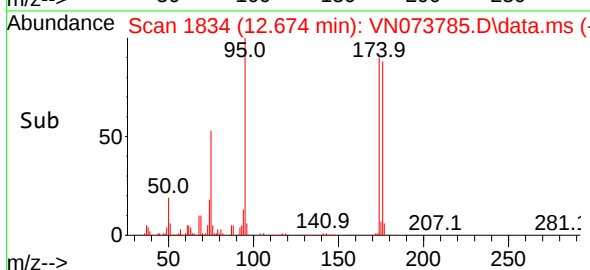
Reviewed By :John Carlone 08/10/2022
Supervised By :Mahesh Dadoda 08/11/2022

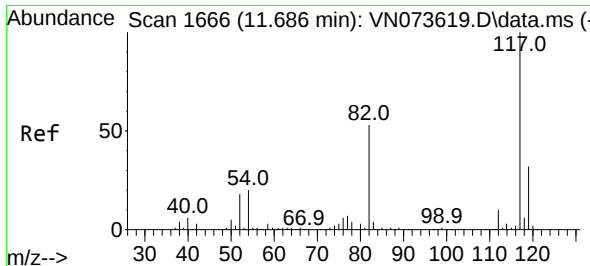


#62
4-Bromofluorobenzene
Concen: 50.704 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22



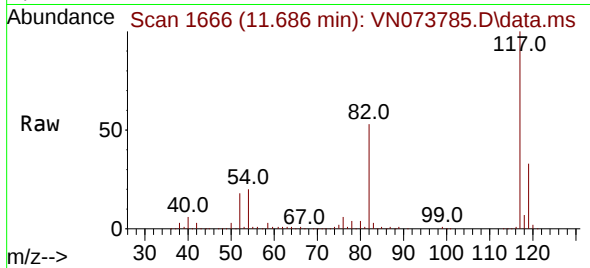
Tgt Ion: 95 Resp: 258548
Ion Ratio Lower Upper
95 100
174 91.5 0.0 167.6
176 86.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

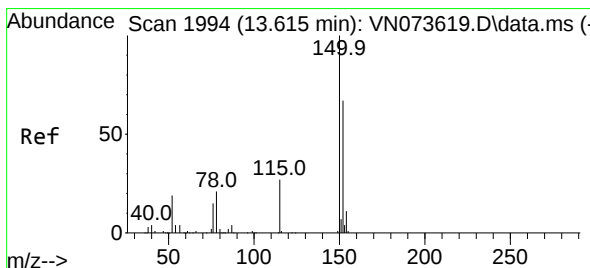
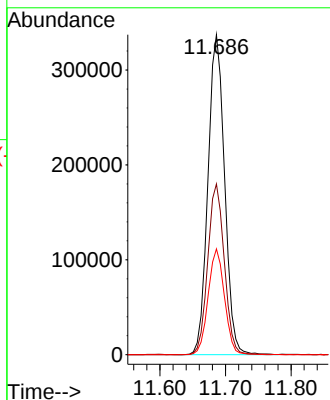
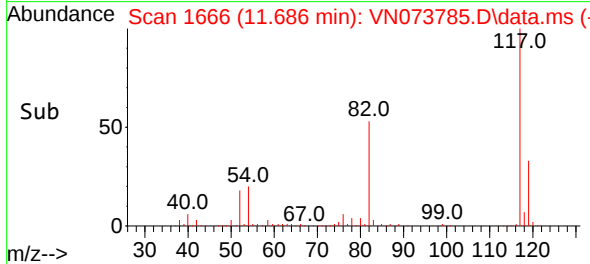
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#02



Tgt Ion:117 Resp: 59507
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 33.1 25.4 38.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073785.D
Acq: 09 Aug 2022 13:22

Tgt Ion:152 Resp: 272165
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 157.9 0.0 356.2

