

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083626.D
 Acq On : 03 Sep 2024 15:57
 Operator : JC\MD
 Sample : P3787-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3RE

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 03 16:15:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	187173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116037	53.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.940%			
35) Dibromofluoromethane	8.165	113	93114	49.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	10.565	98	343463	46.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.500%			
62) 4-Bromofluorobenzene	12.847	95	168563	61.901	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 123.800%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	42295	48.870	ug/l	98
18) Methyl Acetate	5.024	43	8531	3.707	ug/l	98
20) Methylene Chloride	5.259	84	6905	3.613	ug/l #	82
25) 2-Butanone	7.483	43	11605	9.849	ug/l	99
40) Benzene	8.606	78	51574	5.823	ug/l	96
43) Isopropyl Acetate	8.689	43	367241m	64.199	ug/l	
52) Toluene	10.630	92	47004	8.485	ug/l	97
68) m/p-Xylenes	12.065	106	23237	4.489	ug/l	97
69) o-Xylene	12.394	106	23074	4.612	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	37225	2.898	ug/l	79
95) Naphthalene	15.641	128	1217395	100.566	ug/l	100

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

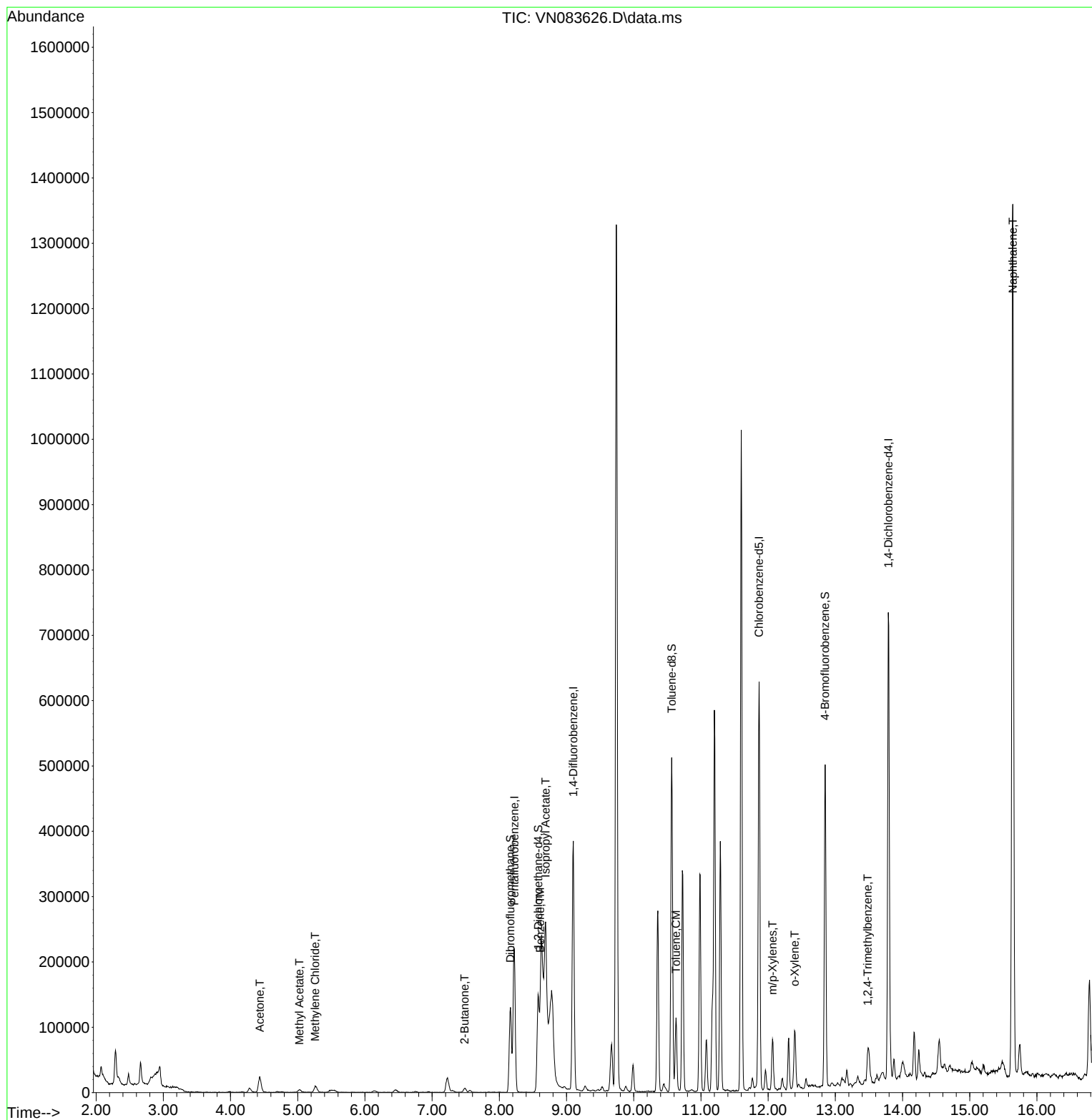
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
Data File : VN083626.D
Acq On : 03 Sep 2024 15:57
Operator : JC\MD
Sample : P3787-06RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

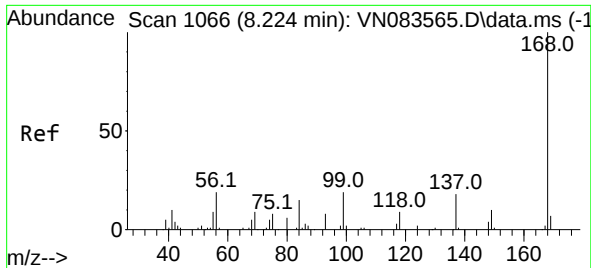
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE

Quant Time: Sep 03 16:15:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

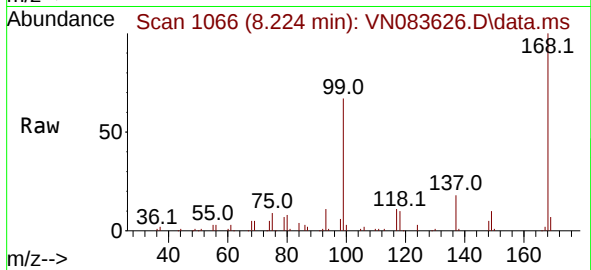
Reviewed By : John Carlone 09/03/2024
Supervised By : Mahesh Dadoda 09/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

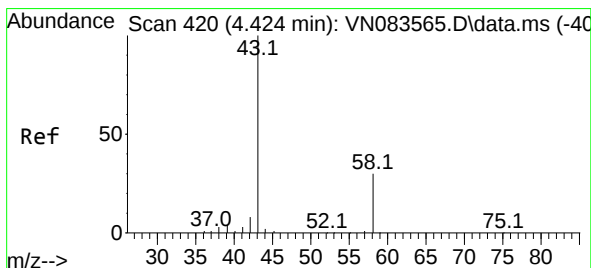
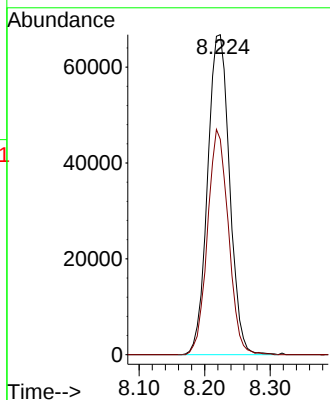
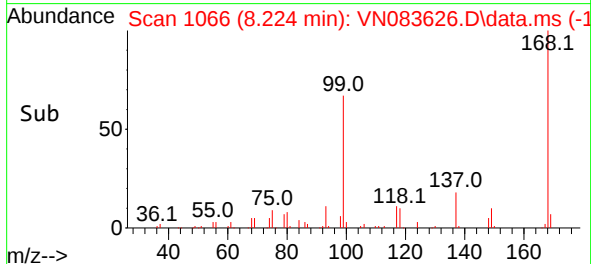
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



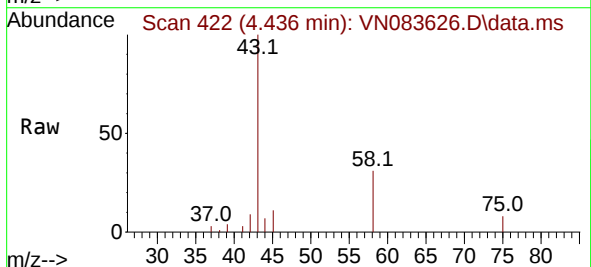
Tgt Ion:168 Resp: 15528
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2

Manual Integrations
APPROVED

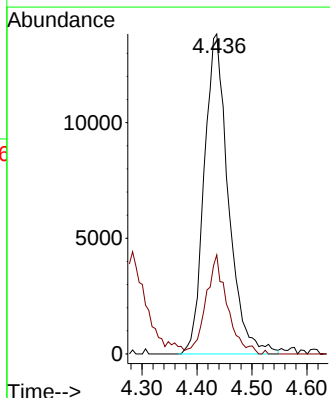
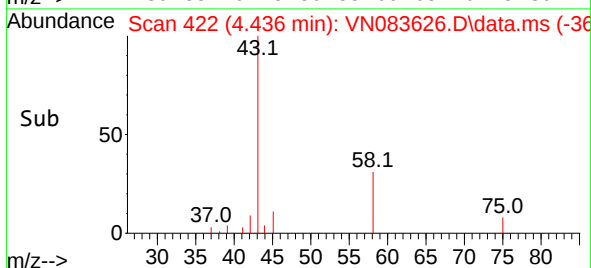
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024

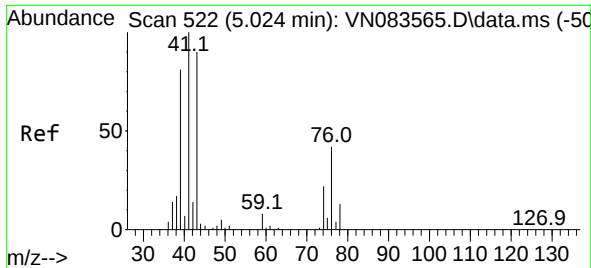


#16
Acetone
Concen: 48.870 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57



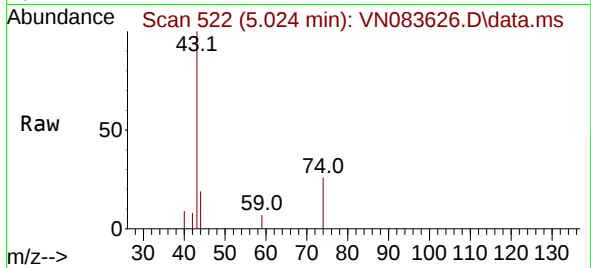
Tgt Ion: 43 Resp: 42295
Ion Ratio Lower Upper
43 100
58 30.9 23.7 35.5





#18
Methyl Acetate
Concen: 3.707 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

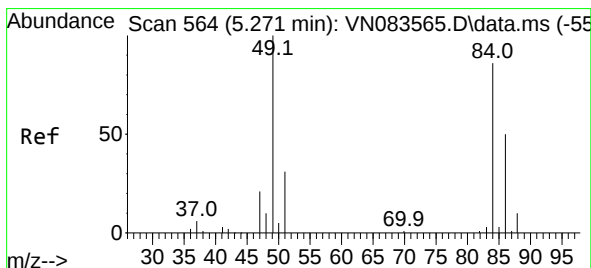
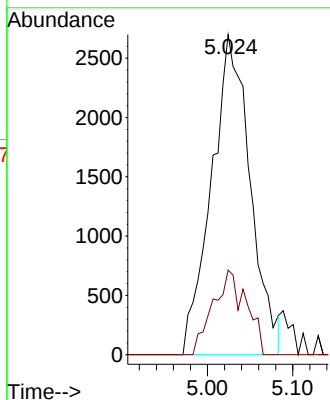
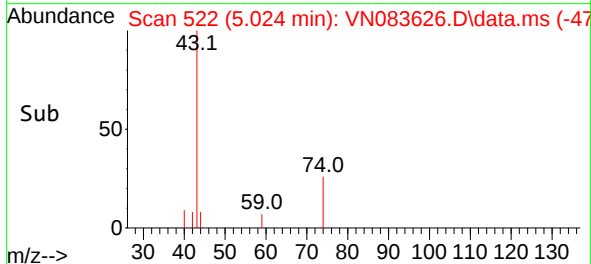
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.4

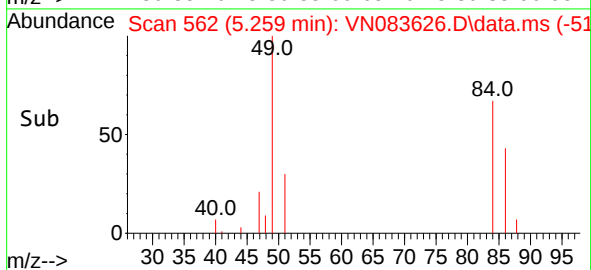
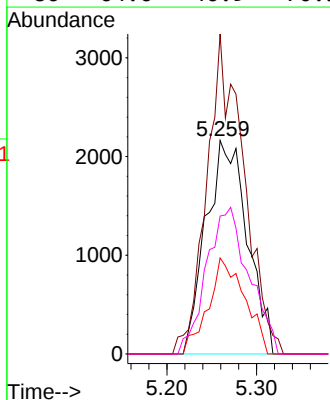
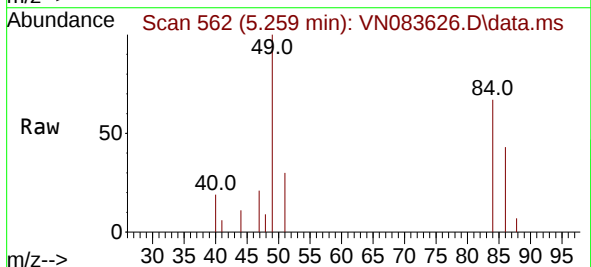
Manual Integrations
APPROVED

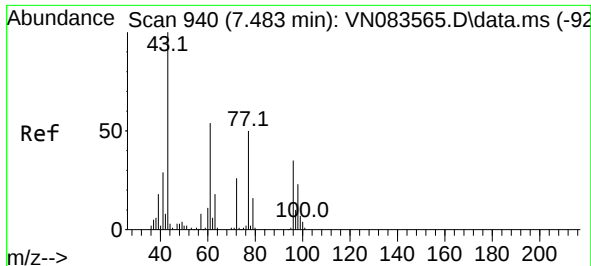
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024



#20
Methylene Chloride
Concen: 3.613 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

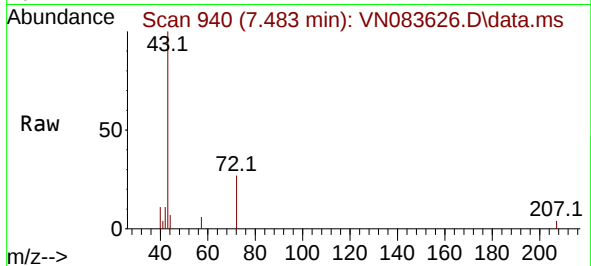
Tgt Ion: 84 Resp: 6905
Ion Ratio Lower Upper
84 100
49 142.9 93.4 140.0#
51 45.0 29.2 43.8#
86 64.6 46.9 70.3





#25
2-Butanone
Concen: 9.849 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

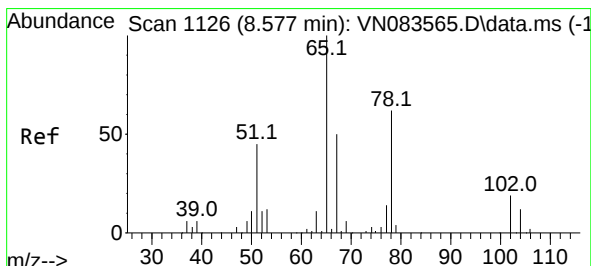
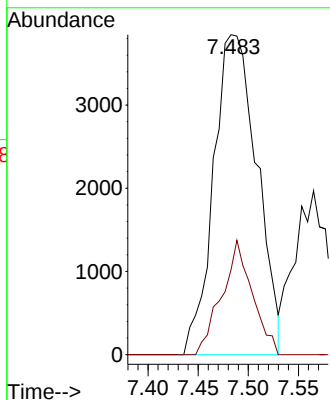
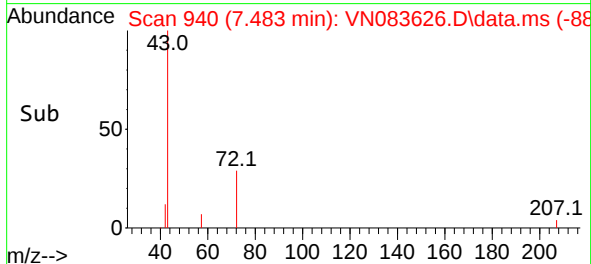
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
72 26.5 20.8 31.2

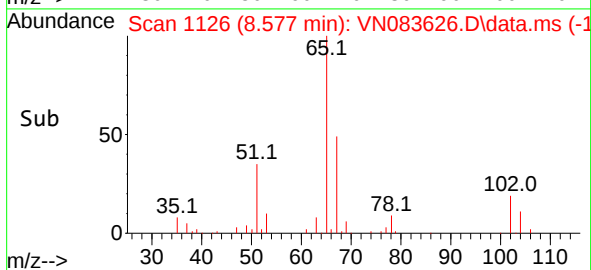
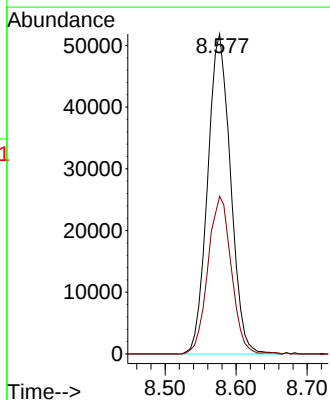
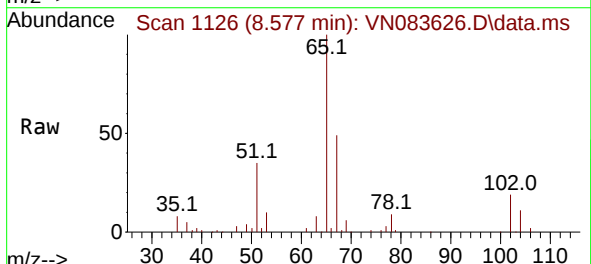
Manual Integrations
APPROVED

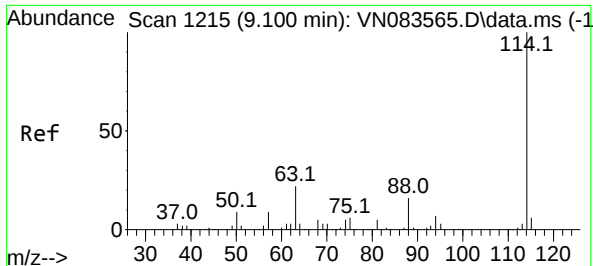
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024



#33
1,2-Dichloroethane-d4
Concen: 53.467 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

Tgt Ion: 65 Resp: 116037
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN083626.D

Acq: 03 Sep 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

SB-3RE

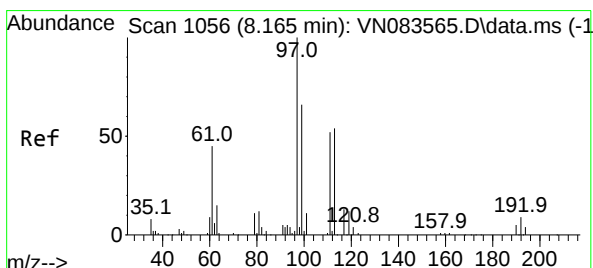
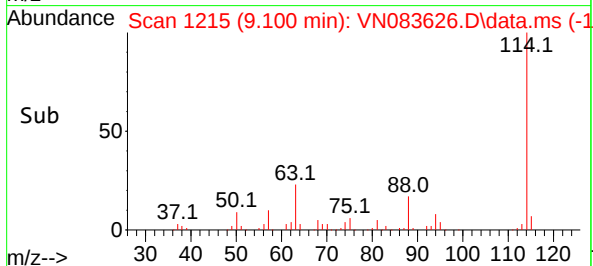
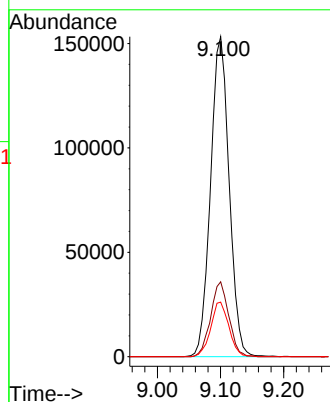
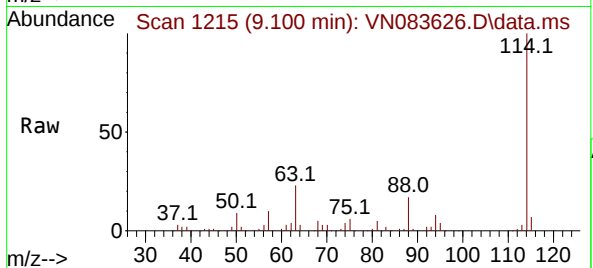
Tgt Ion:114	Resp:	31363
Ion Ratio	Lower	Upper
114	100	
63	23.4	0.0 43.4
88	17.1	0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/04/2024



#35

Dibromofluoromethane

Concen: 49.327 ug/l

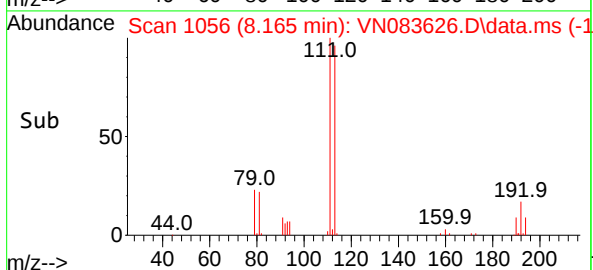
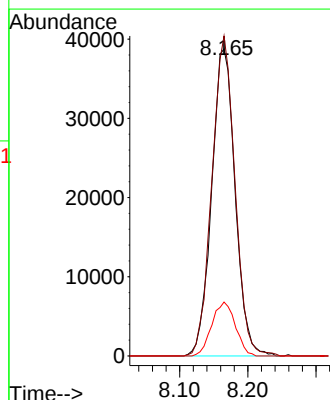
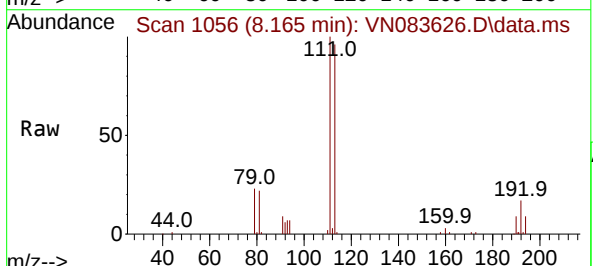
RT: 8.165 min Scan# 1056

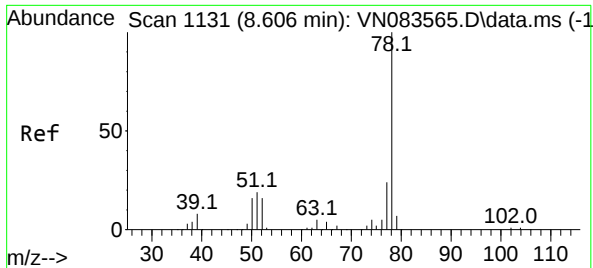
Delta R.T. 0.000 min

Lab File: VN083626.D

Acq: 03 Sep 2024 15:57

Tgt Ion:113	Resp:	93114
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.6 124.0
192	17.6	14.3 21.5





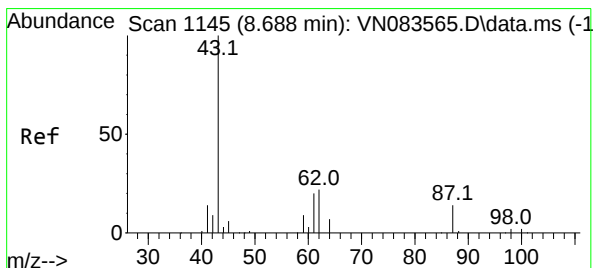
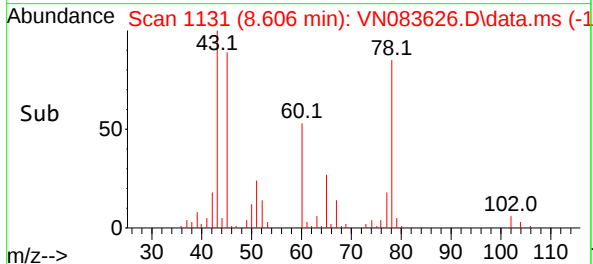
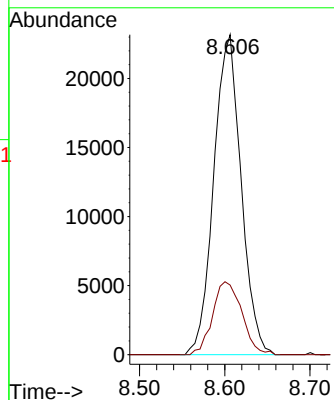
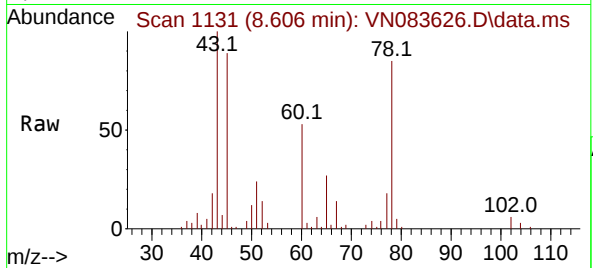
#40
Benzene
Concen: 5.823 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :
SB-3RE

Tgt Ion: 78 Resp: 51574
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6

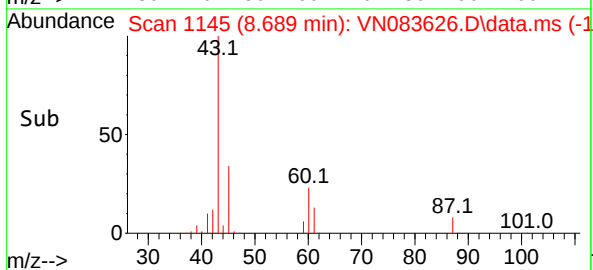
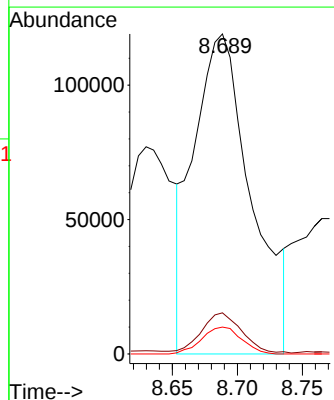
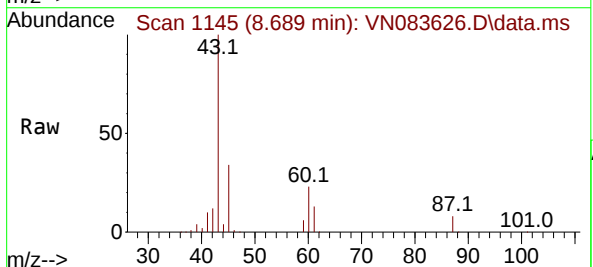
Manual Integrations
APPROVED

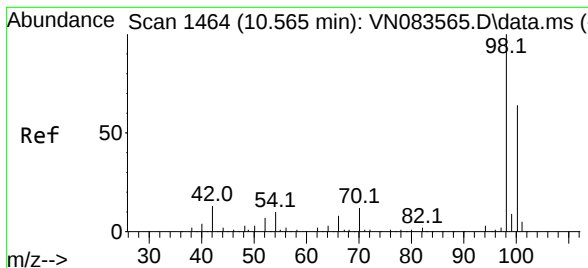
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024



#43
Isopropyl Acetate
Concen: 64.199 ug/l m
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

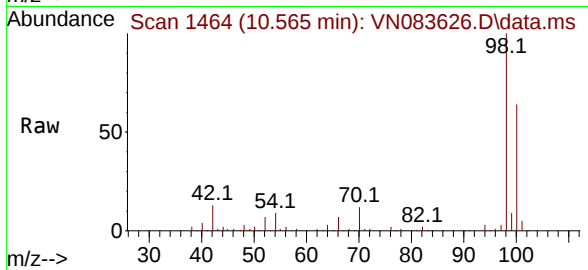
Tgt Ion: 43 Resp: 367241
Ion Ratio Lower Upper
43 100
61 8.7 19.4 29.0#
87 5.8 9.8 14.6#





#50
Toluene-d8
Concen: 46.746 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

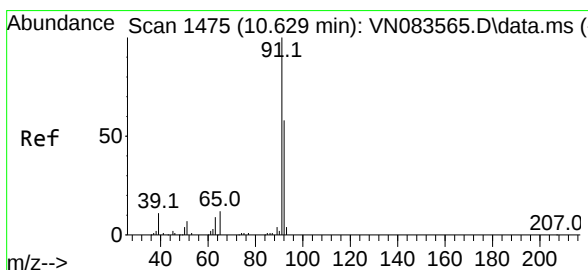
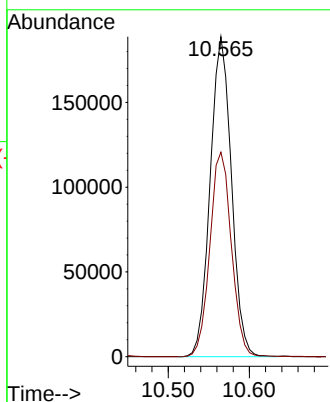
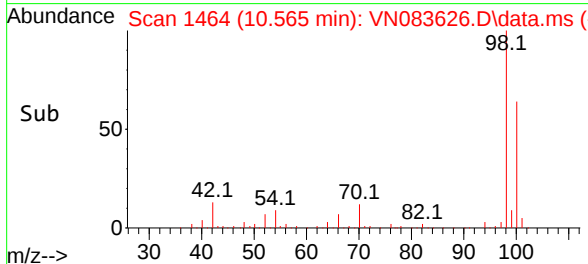
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



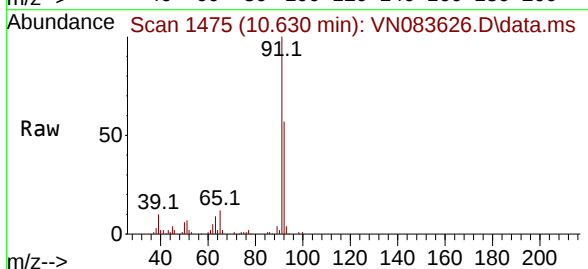
Tgt Ion: 98 Resp: 34346
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

Manual Integrations
APPROVED

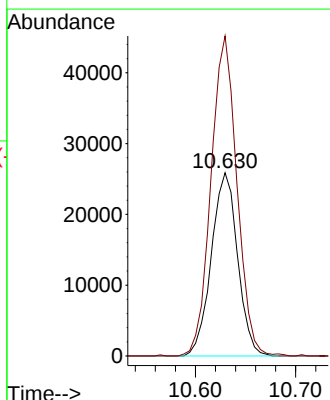
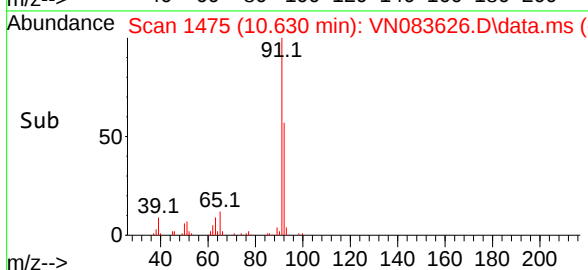
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024

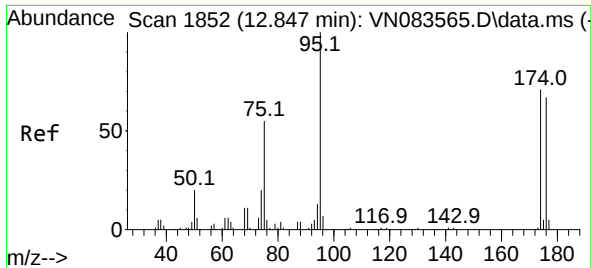


#52
Toluene
Concen: 8.485 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57



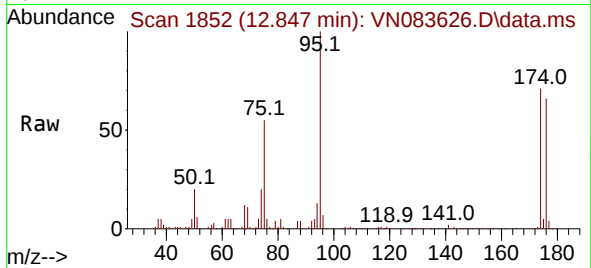
Tgt Ion: 92 Resp: 47004
Ion Ratio Lower Upper
92 100
91 173.1 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 61.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

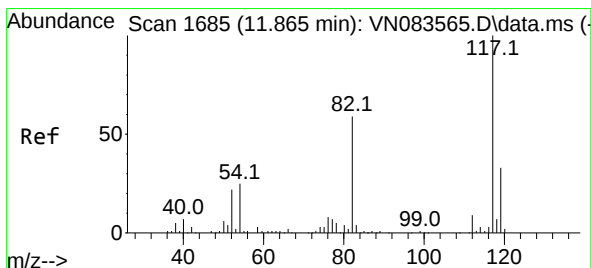
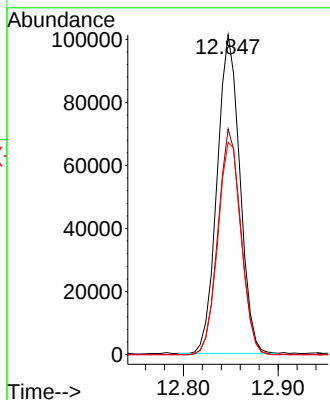
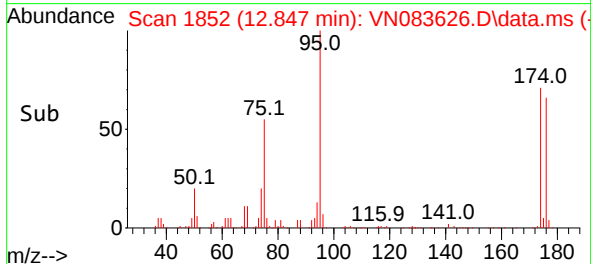
Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



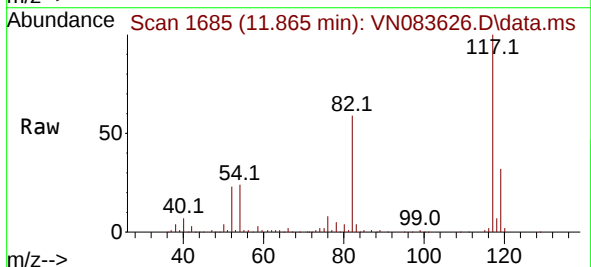
Tgt Ion: 95 Resp: 16856
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 69.2 0.0 131.4

Manual Integrations
APPROVED

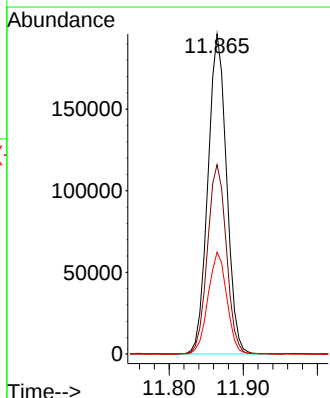
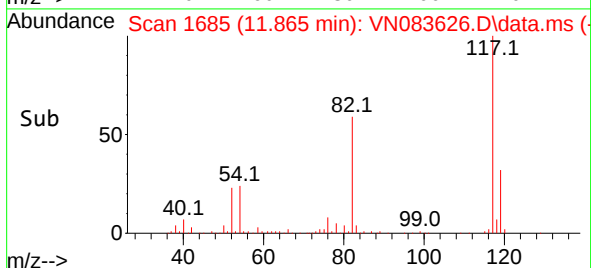
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024

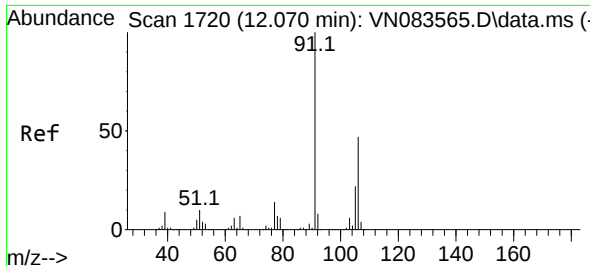


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57



Tgt Ion:117 Resp: 343232
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 31.8 26.3 39.5





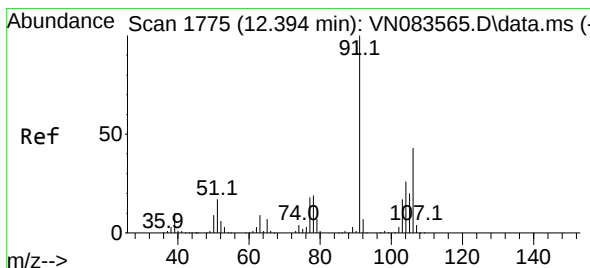
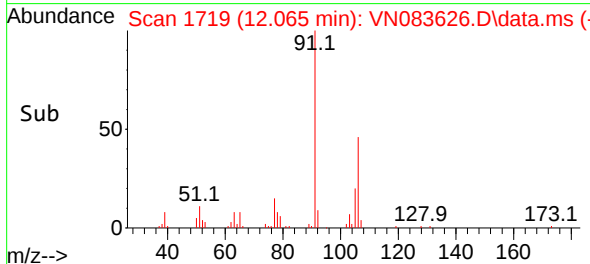
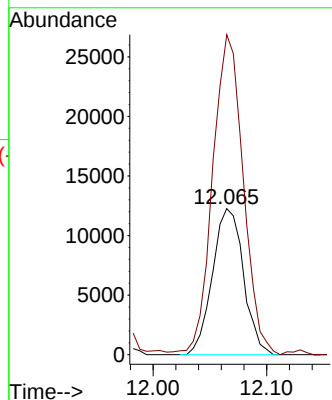
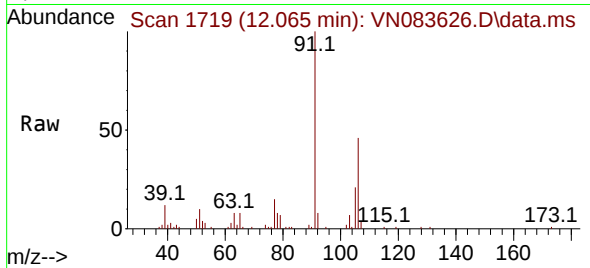
#68
m/p-Xylenes
Concen: 4.489 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :
SB-3RE

Tgt Ion:106 Resp: 2323
Ion Ratio Lower Upper
106 100
91 216.3 169.2 253.8

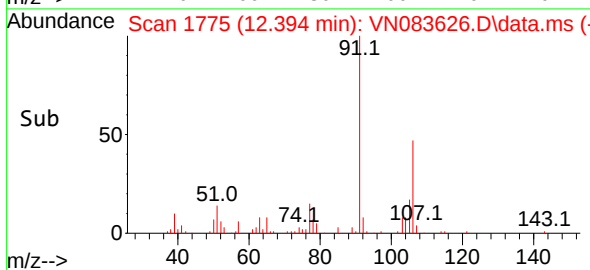
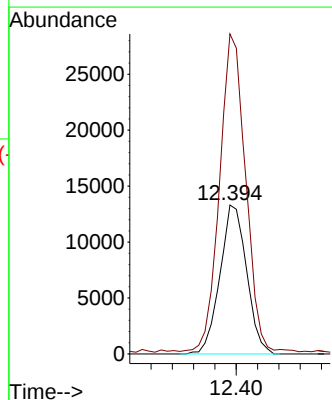
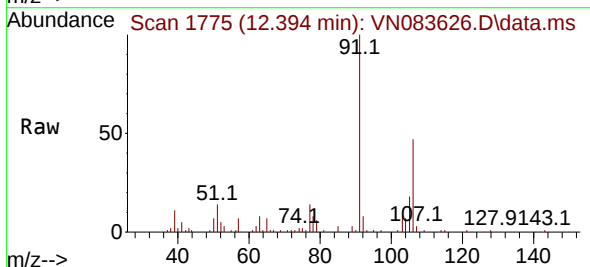
Manual Integrations
APPROVED

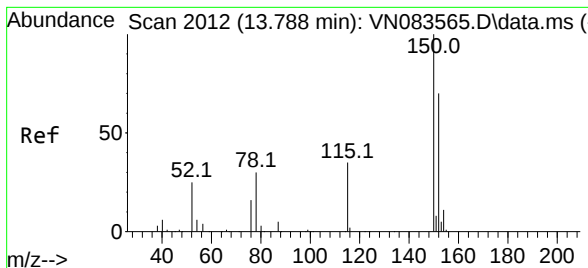
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024



#69
o-Xylene
Concen: 4.612 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

Tgt Ion:106 Resp: 23074
Ion Ratio Lower Upper
106 100
91 208.1 112.9 338.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083626.D

Acq: 03 Sep 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

SB-3RE

Tgt Ion:152 Resp: 18717

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

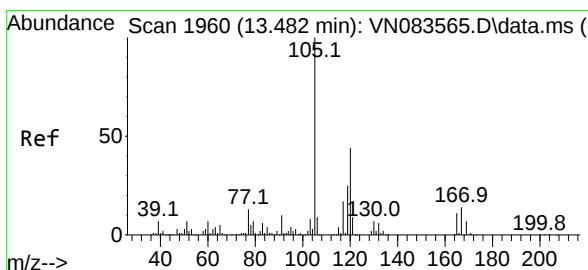
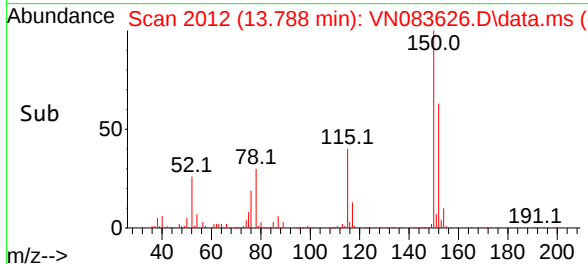
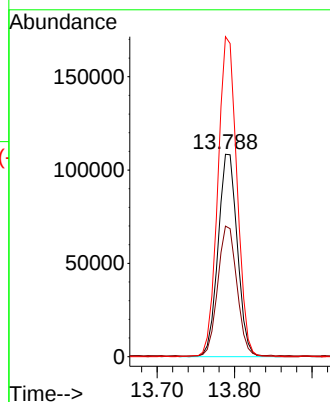
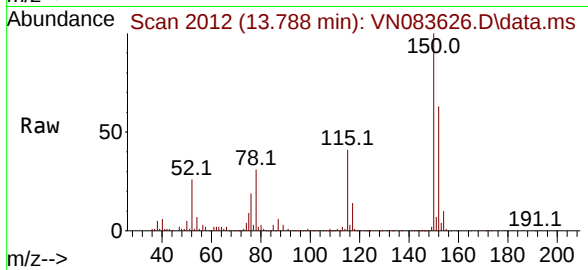
150 156.8 0.0 348.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/04/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.898 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083626.D

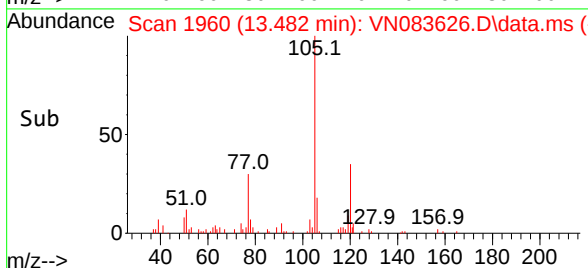
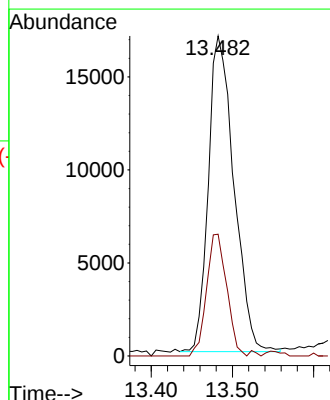
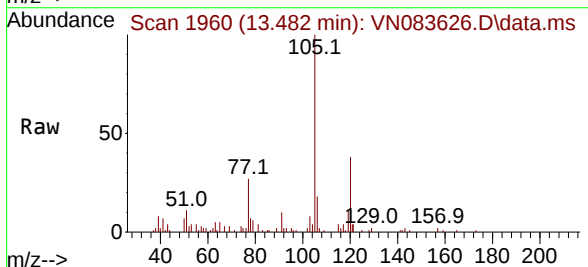
Acq: 03 Sep 2024 15:57

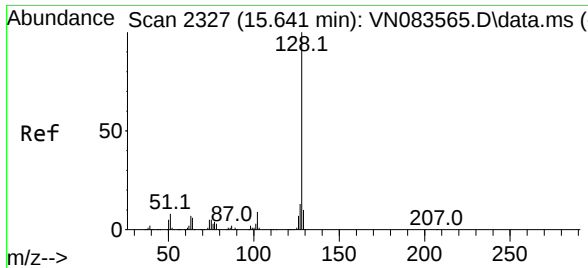
Tgt Ion:105 Resp: 37225

Ion Ratio Lower Upper

105 100

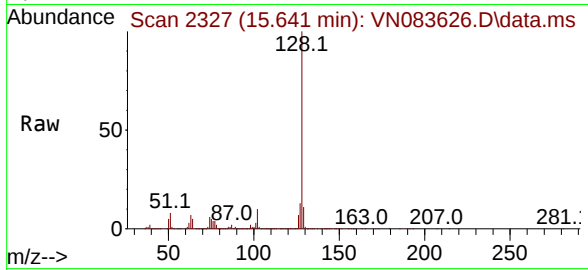
120 30.3 21.8 65.4





#95
Naphthalene
Concen: 100.566 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083626.D
Acq: 03 Sep 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :
SB-3RE



Tgt Ion:128 Resp: 121739

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/04/2024

