

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069727.D
 Acq On : 3 Dec 2021 19:03
 Operator : JC/MD
 Sample : M4922-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20211129

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1391893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2422176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2482941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	921602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1023954	47.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.30%		
35) Dibromofluoromethane	8.024	113	717440	47.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.58%		
50) Toluene-d8	10.443	98	3107160	51.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.00%		
62) 4-Bromofluorobenzene	12.731	95	1134240	51.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	15143	0.93	ug/l	98
3) Chloromethane	2.306	50	5529m	0.27	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.213	101	95971	6.98	ug/l	93
12) 1,1-Dichloroethene	4.186	96	19486	1.47	ug/l	95
24) 1,1-Dichloroethane	6.391	63	13484	0.45	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	18958	1.09	ug/l	97
30) Chloroform	7.823	83	22704	0.74	ug/l	99
44) Trichloroethene	9.218	130	1301183	77.35	ug/l	93
55) 1,1,2-Trichloroethane	10.896	97	5030	0.29	ug/l #	77

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

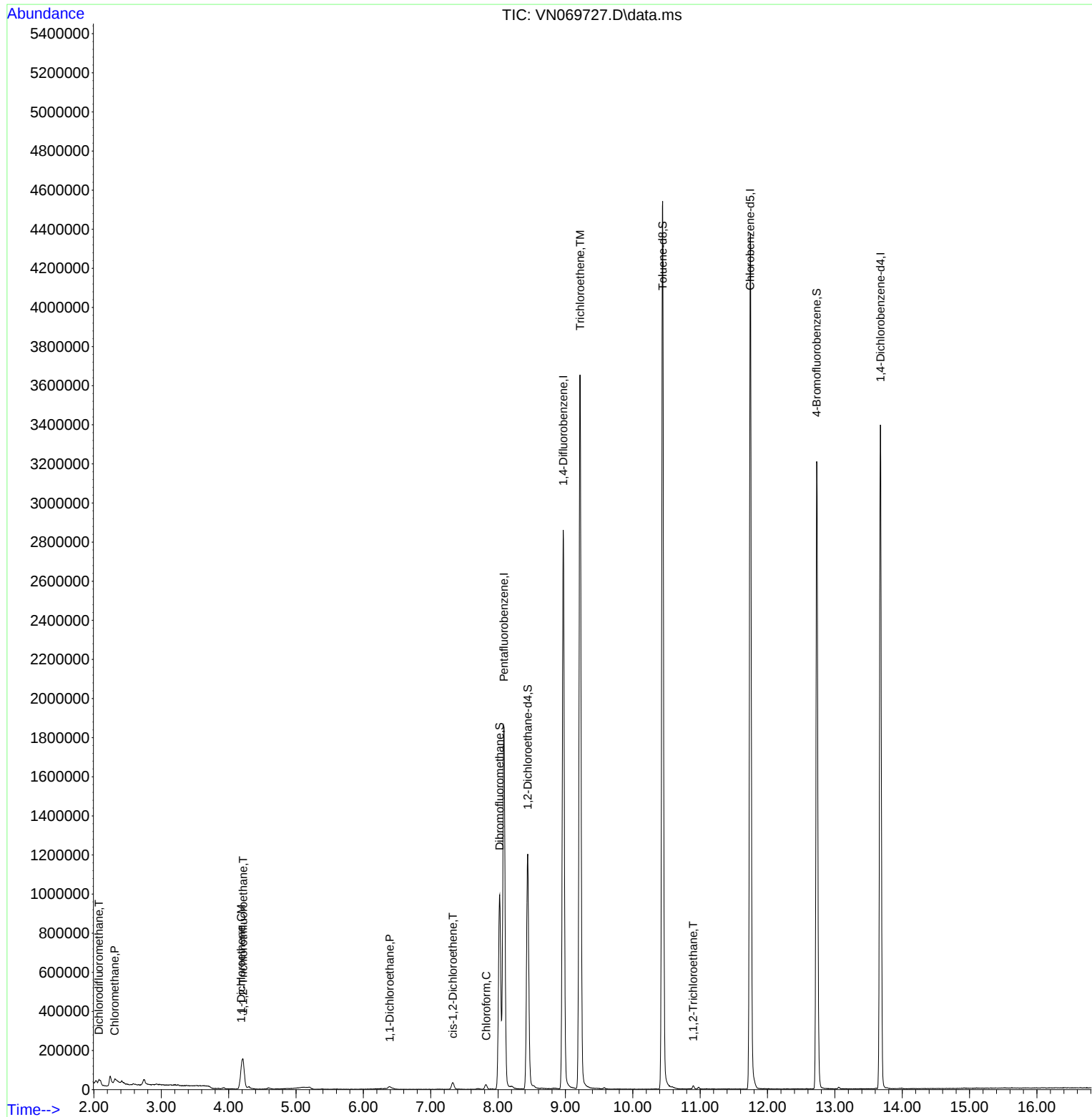
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
Data File : VN069727.D
Acq On : 3 Dec 2021 19:03
Operator : JC/MD
Sample : M4922-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

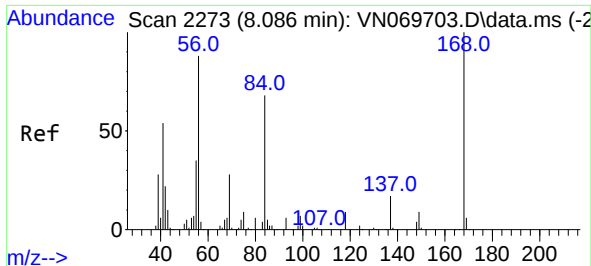
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

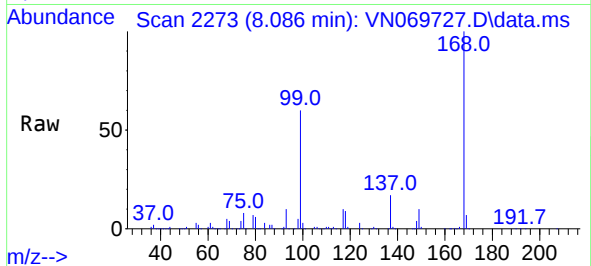
Quant Time: Dec 04 05:35:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

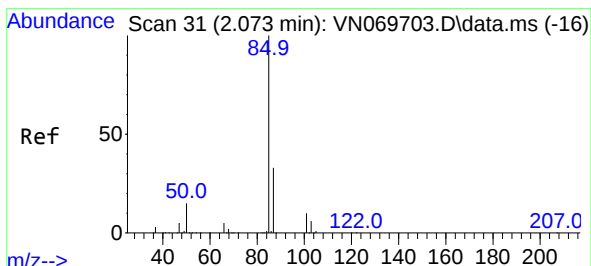
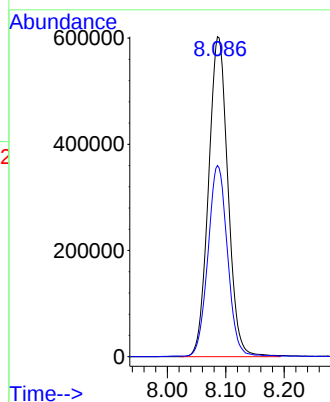
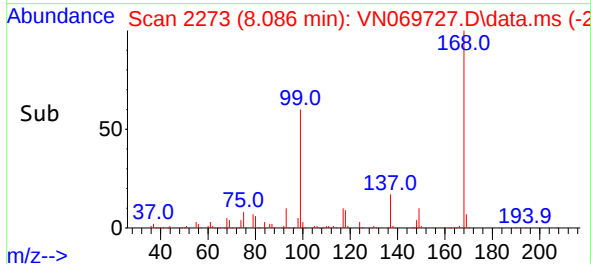
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



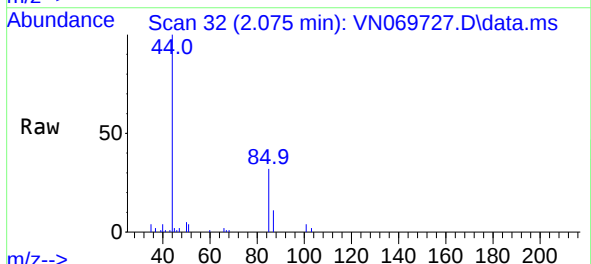
Tgt Ion:168 Resp: 139189
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

Manual Integrations
APPROVED

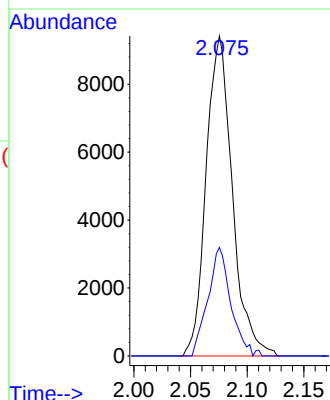
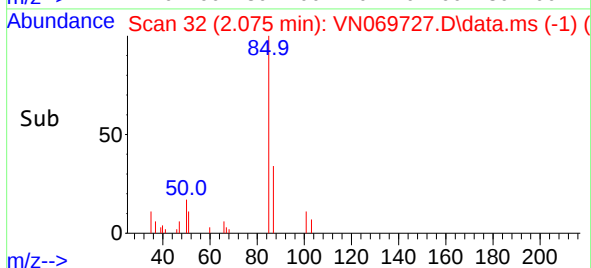
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

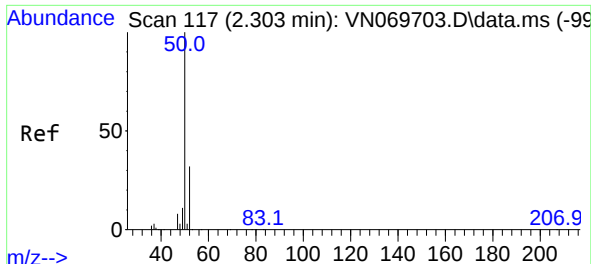


#2
Dichlorodifluoromethane
Concen: 0.93 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03



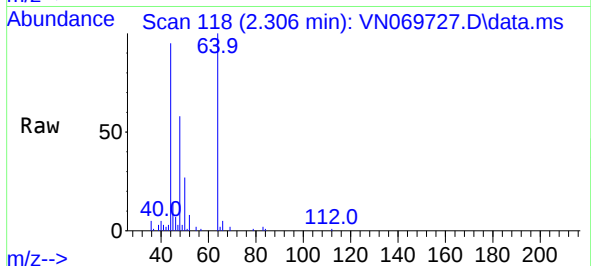
Tgt Ion: 85 Resp: 15143
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.9





#3
Chloromethane
Concen: 0.27 ug/l m
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

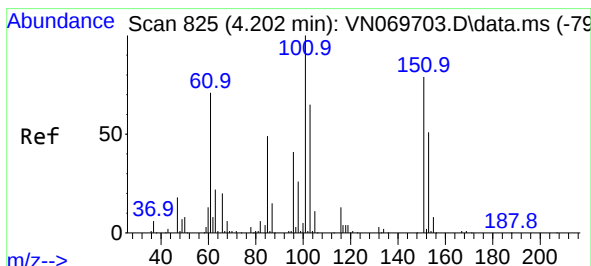
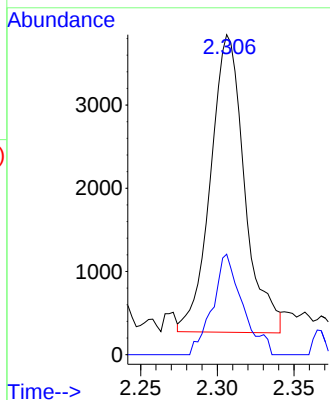
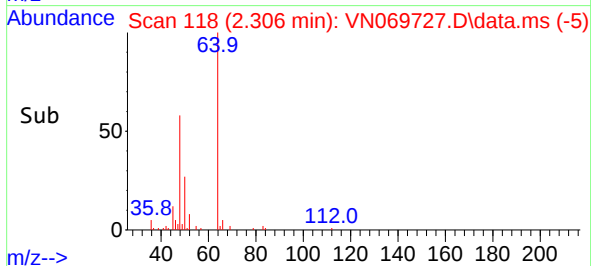
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion: 50 Resp: 5529
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

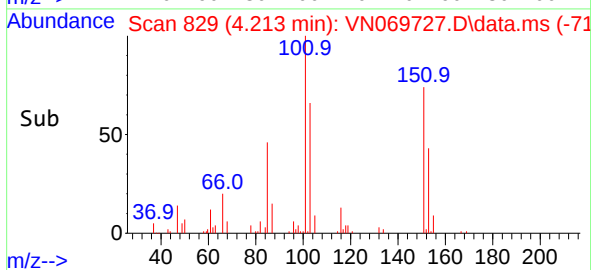
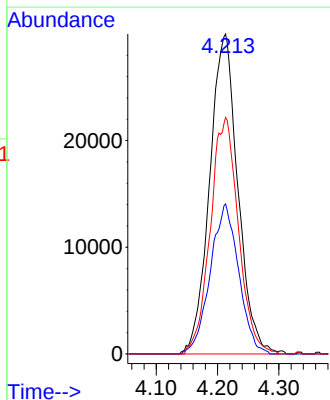
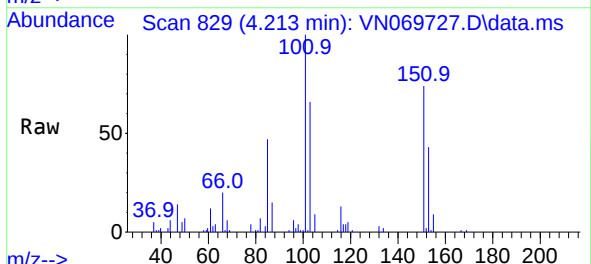
Manual Integrations
APPROVED

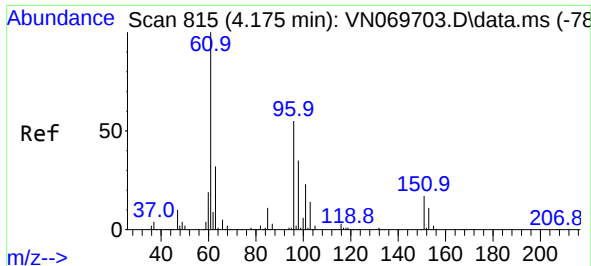
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.98 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

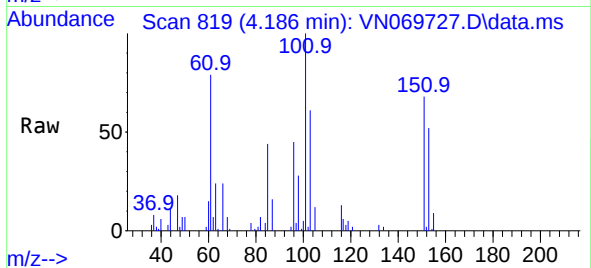
Tgt Ion:101 Resp: 95971
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 73.7 65.9 98.9





#12
1,1-Dichloroethene
Concen: 1.47 ug/l
RT: 4.186 min Scan# 815
Delta R.T. 0.011 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

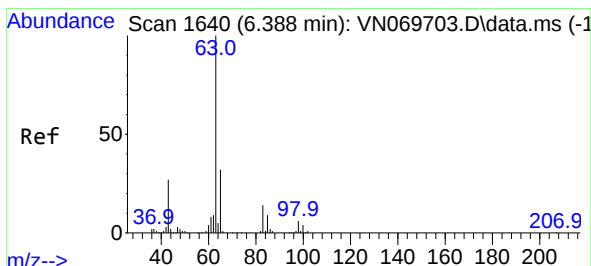
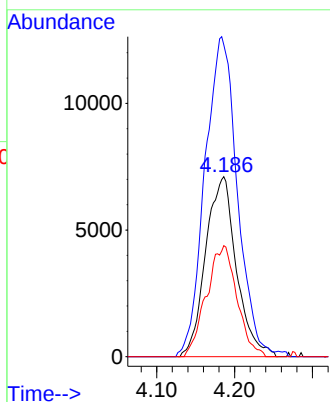
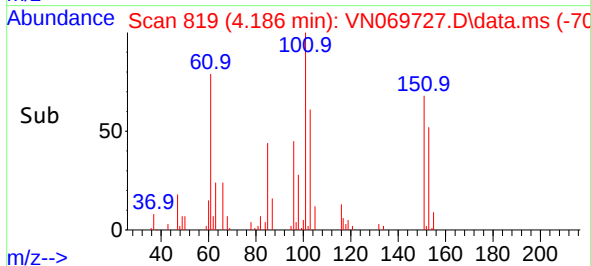
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



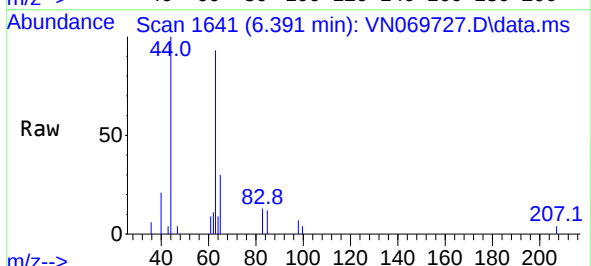
Tgt Ion: 96 Resp: 1948
Ion Ratio Lower Upper
96 100
61 170.9 131.0 196.6
98 61.7 52.4 78.6

Manual Integrations
APPROVED

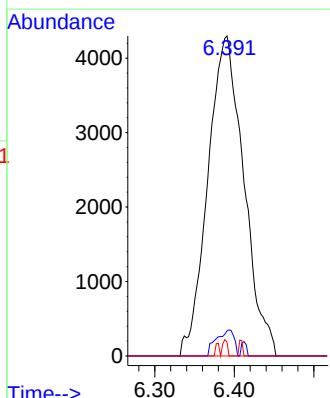
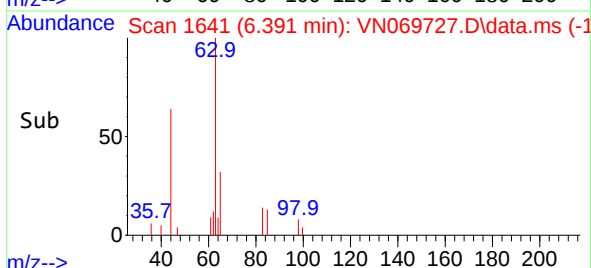
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

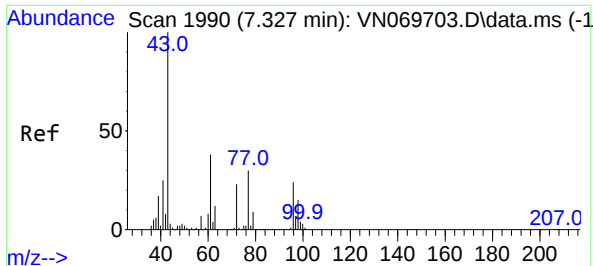


#24
1,1-Dichloroethane
Concen: 0.45 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03



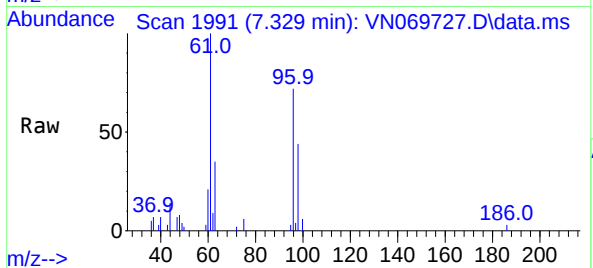
Tgt Ion: 63 Resp: 13484
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.9
100 4.4 2.1 6.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.09 ug/l
 RT: 7.329 min Scan# 1991
 Delta R.T. 0.003 min
 Lab File: VN069727.D
 Acq: 3 Dec 2021 19:03

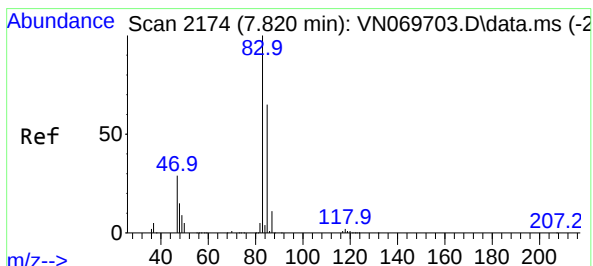
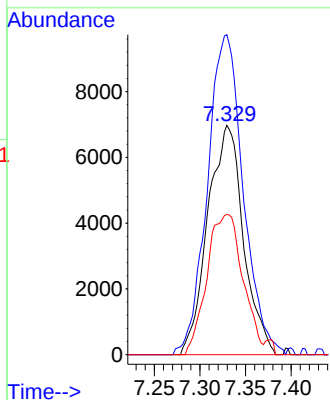
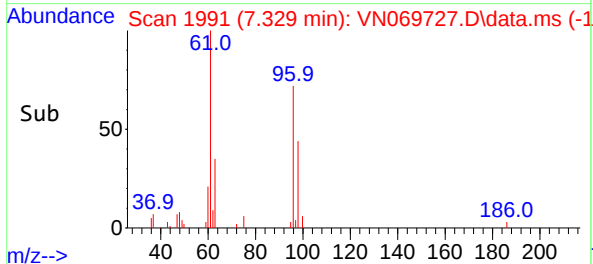
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20211129



Tgt Ion: 96 Resp: 18958
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 275.0
 98 61.8 0.0 129.6

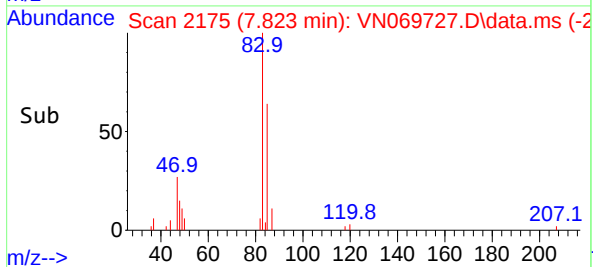
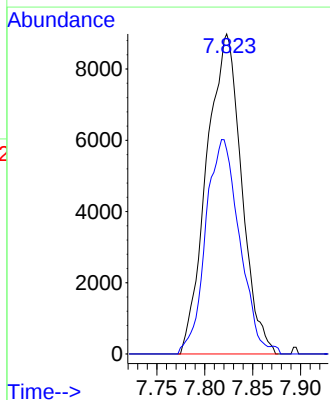
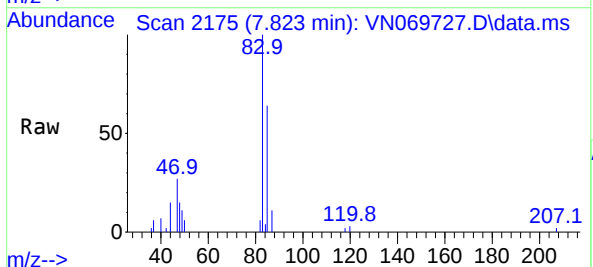
Manual Integrations
 APPROVED

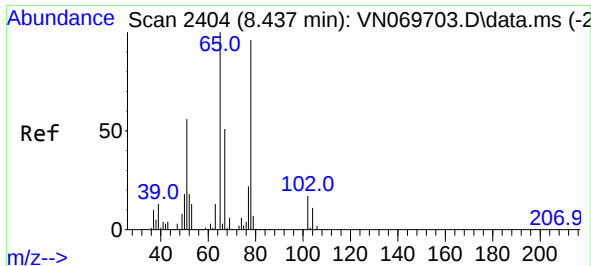
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#30
 Chloroform
 Concen: 0.74 ug/l
 RT: 7.823 min Scan# 2175
 Delta R.T. 0.003 min
 Lab File: VN069727.D
 Acq: 3 Dec 2021 19:03

Tgt Ion: 83 Resp: 22704
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 47.65 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069727.D

Acq: 3 Dec 2021 19:03

Instrument :

MSVOA_N

ClientSampleId :

RE132D5-20211129

Tgt Ion: 65 Resp: 1023954

Ion Ratio Lower Upper

65 100

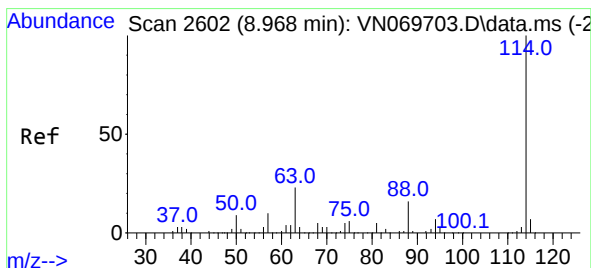
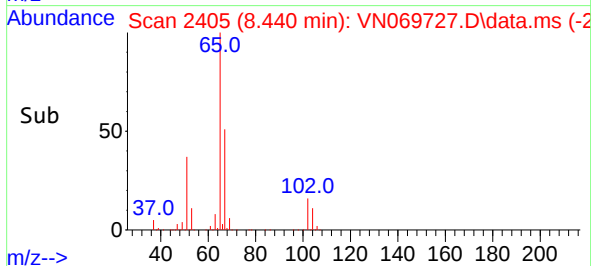
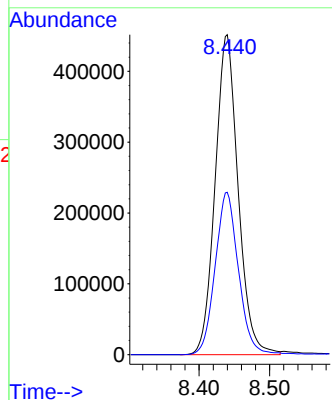
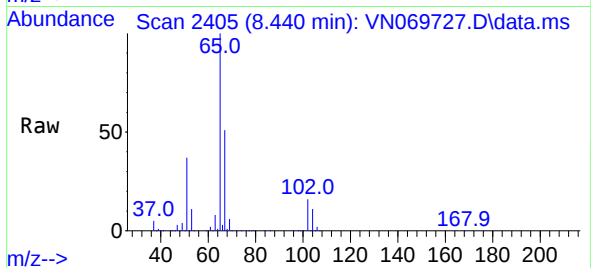
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069727.D

Acq: 3 Dec 2021 19:03

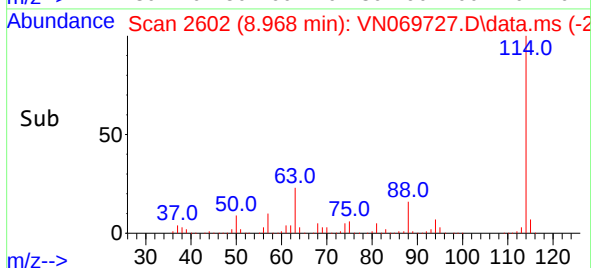
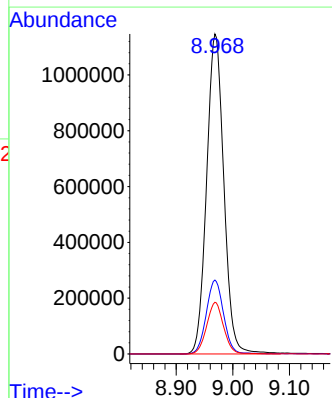
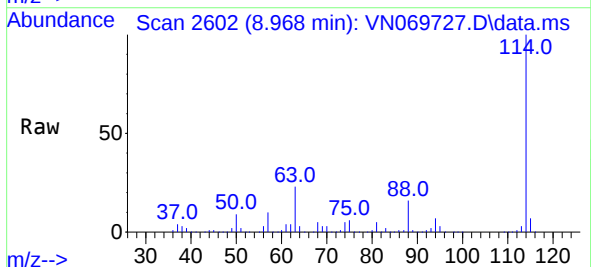
Tgt Ion:114 Resp: 2422176

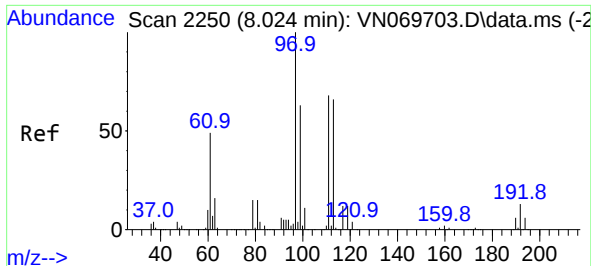
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

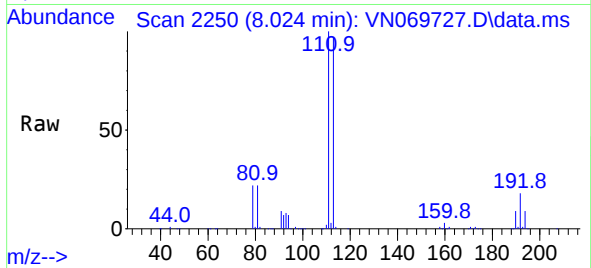
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

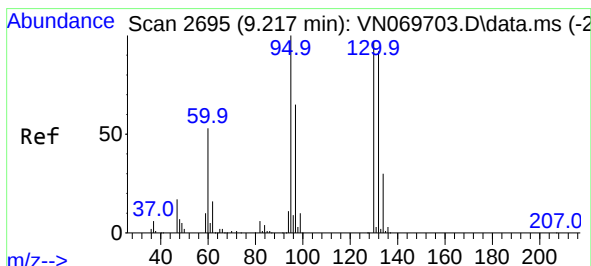
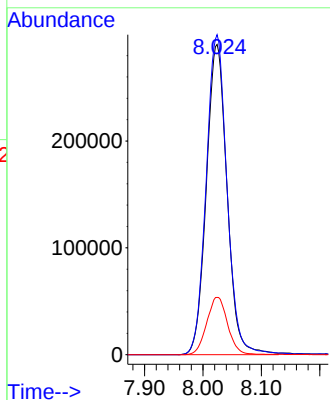
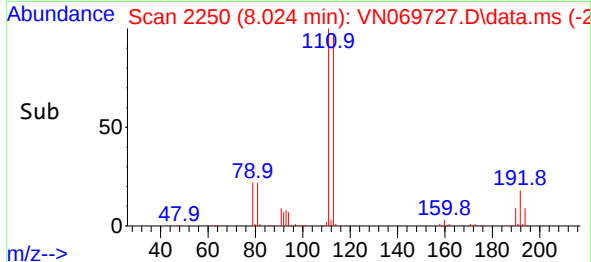
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



Tgt Ion:113 Resp: 717440
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.6 16.9 25.3

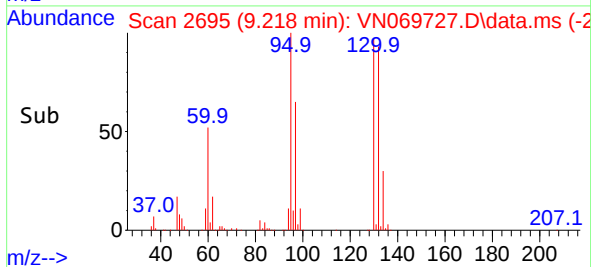
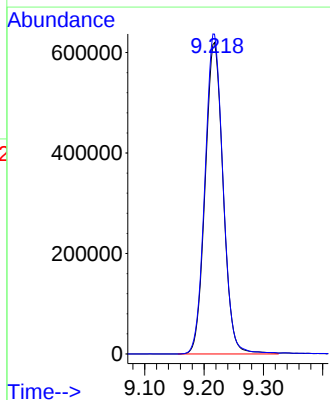
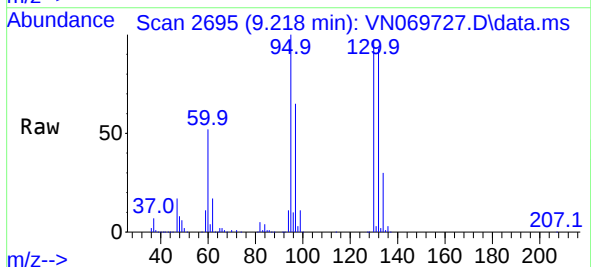
Manual Integrations
APPROVED

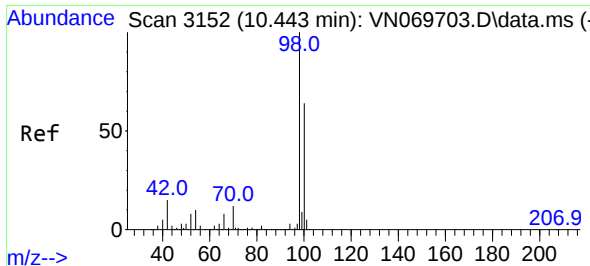
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 77.35 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

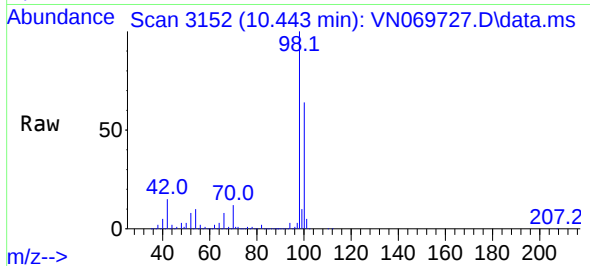
Tgt Ion:130 Resp: 1301183
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

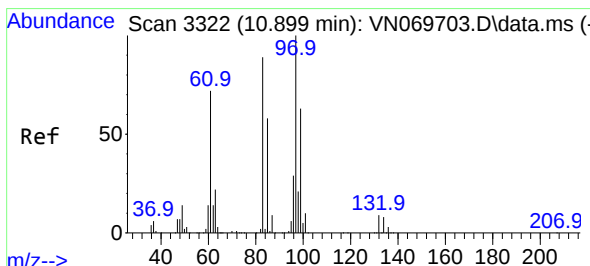
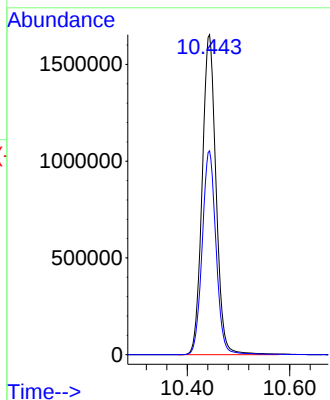
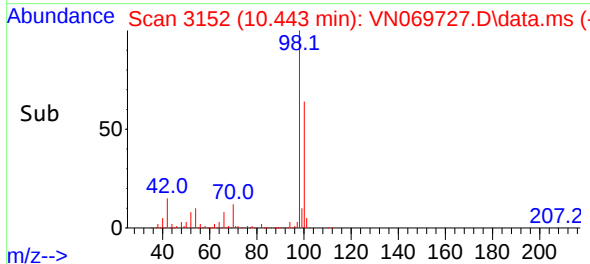
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



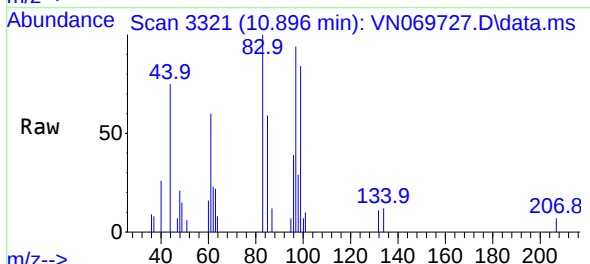
Tgt Ion: 98 Resp: 3107160
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

Manual Integrations
APPROVED

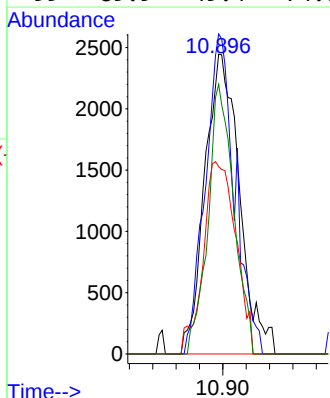
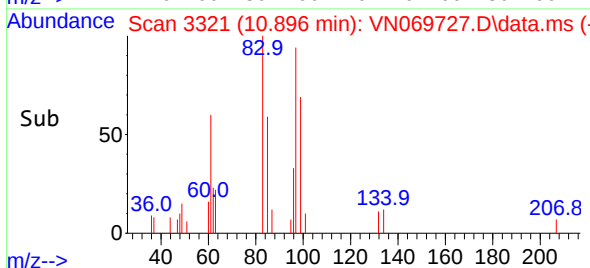
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

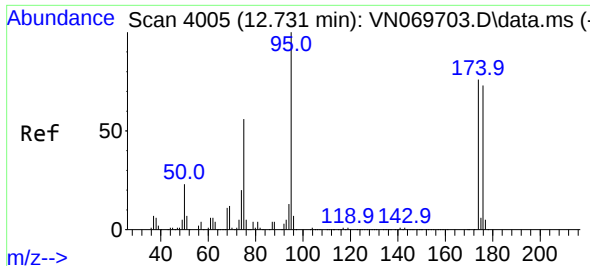


#55
1,1,2-Trichloroethane
Concen: 0.29 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.002 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03



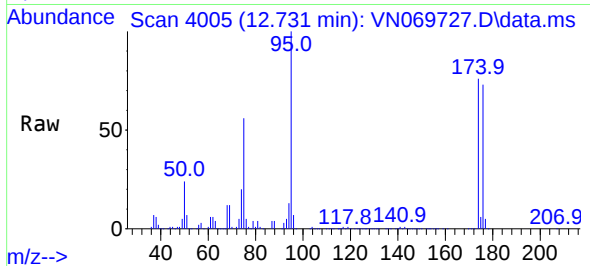
Tgt Ion: 97 Resp: 5030
Ion Ratio Lower Upper
97 100
83 106.7 67.8 101.6#
85 62.5 45.4 68.2
99 89.9 49.4 74.0#





#62
4-Bromofluorobenzene
Concen: 51.39 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03

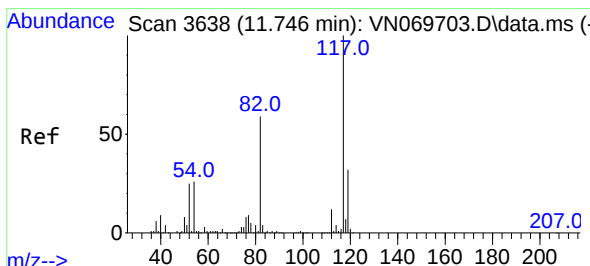
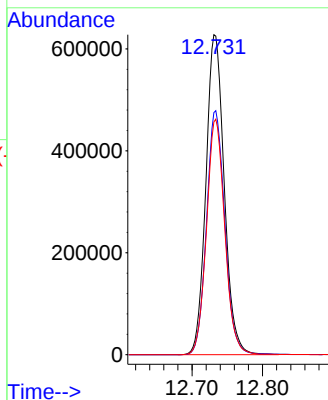
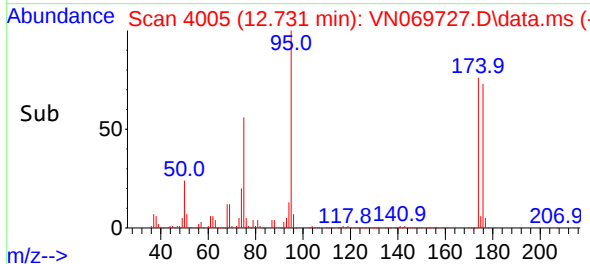
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20211129



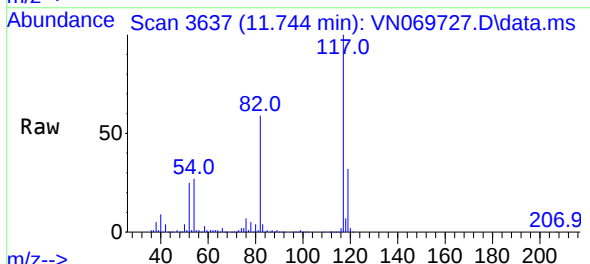
Tgt Ion: 95 Resp: 1134240
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.2 0.0 181.4

Manual Integrations
APPROVED

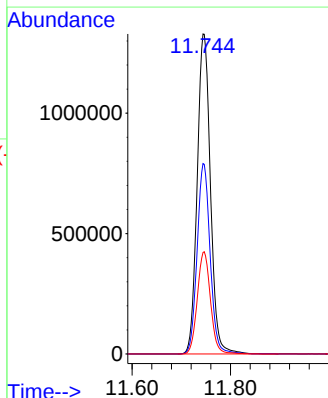
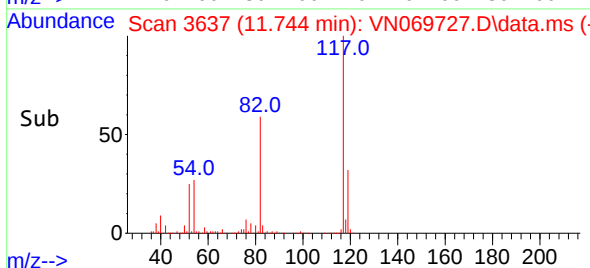
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

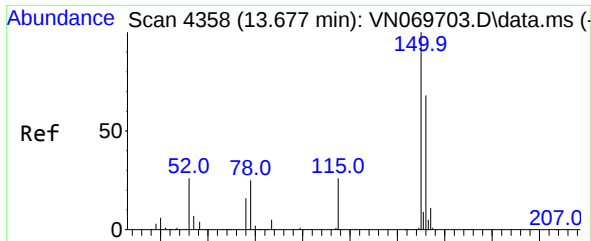


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069727.D
Acq: 3 Dec 2021 19:03



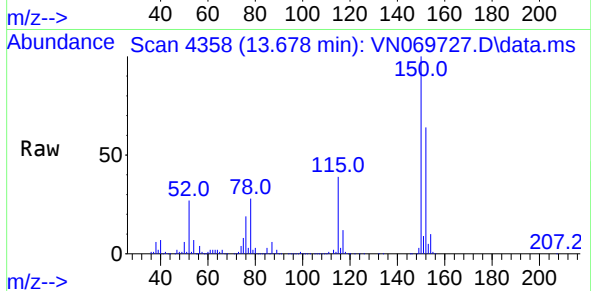
Tgt Ion:117 Resp: 2482941
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069727.D
 Acq: 3 Dec 2021 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20211129



Tgt Ion:152 Resp: 921602
 Ion Ratio Lower Upper
 152 100
 115 61.1 27.5 82.5
 150 156.8 0.0 344.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

