

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077251.D
 Acq On : 31 Mar 2023 13:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 03 08:58:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 00:11:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						04/03/2023
1) Pentafluorobenzene	8.231	168	602634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	936722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	831904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	343742	50.000	ug/l	0.00
System Monitoring Compounds						04/03/2023
33) 1,2-Dichloroethane-d4	8.584	65	327192	52.738	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.480%
35) Dibromofluoromethane	8.172	113	284374	49.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.572	98	1088082	52.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.854	95	353997	51.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.320%
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1452	Below Cal	#	77
10) Methyl Iodide	4.625	142	6659	0.927	ug/l #	82
12) 1,1-Dichloroethene	4.354	96	1099	0.203	ug/l #	64
13) Acrolein	4.196	56	1866	1.747	ug/l	90
16) Acetone	4.460	43	2789	0.904	ug/l #	39
17) Carbon Disulfide	4.725	76	12109	0.840	ug/l #	88
21) trans-1,2-Dichloroethene	5.801	96	2413	0.407	ug/l #	61
23) Vinyl Acetate	6.625	43	2868	0.241	ug/l #	71
25) 2-Butanone	7.495	43	3699	0.844	ug/l #	50
27) cis-1,2-Dichloroethene	7.501	96	1494	0.211	ug/l	75
29) Tetrahydrofuran	7.860	42	1648	0.598	ug/l #	62
31) Cyclohexane	8.231	56	11168	1.021	ug/l #	1
36) 1,1-Dichloropropene	8.378	75	2167	0.255	ug/l #	84
42) 1,2-Dichloroethane	8.666	62	1787	0.205	ug/l #	72
44) Trichloroethene	9.348	130	2107	0.306	ug/l	87
46) Dibromomethane	9.719	93	1010	0.224	ug/l	89
49) 1,4-Dioxane	9.701	88	112	0.914	ug/l #	24
51) 4-Methyl-2-Pentanone	10.448	43	5030	0.595	ug/l	90
52) Toluene	10.630	92	3381	0.210	ug/l	90
53) t-1,3-Dichloropropene	10.842	75	1752	0.200	ug/l #	61
58) 2-Chloroethyl Vinyl ether	10.166	63	752	0.236	ug/l #	65
59) 2-Hexanone	11.201	43	11278	1.838	ug/l	91
64) Tetrachloroethene	11.107	164	2171	0.356	ug/l #	87
65) Chlorobenzene	11.889	112	5902	0.336	ug/l	93
67) Ethyl Benzene	11.966	91	7564	0.255	ug/l	100
68) m/p-Xylenes	12.077	106	5377	0.467	ug/l	90
69) o-Xylene	12.407	106	2229	0.201	ug/l	95
70) Styrene	12.413	104	5643	0.319	ug/l	97
73) Isopropylbenzene	12.701	105	5443	0.212	ug/l	88
74) N-amyl acetate	12.501	43	5086	0.538	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.936	83	2254	0.253	ug/l #	83
77) Bromobenzene	12.983	156	3919	0.571	ug/l	91
78) n-propylbenzene	13.042	91	12828	0.454	ug/l	99
79) 2-Chlorotoluene	13.130	91	7336	0.403	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	5286	0.257	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.854	75	167870	62.473	ug/l #	12

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077251.D
 Acq On : 31 Mar 2023 13:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 03 08:58:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 00:11:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
82) 4-Chlorotoluene	13.224	91	11477	0.672	ug/l	95	04/03/2023
83) tert-Butylbenzene	13.436	119	4698	0.250	ug/l	91	Supervised By :Mahesh
84) 1,2,4-Trimethylbenzene	13.489	105	6029	0.300	ug/l	99	Dadoda
85) sec-Butylbenzene	13.624	105	8963	0.354	ug/l	93	
86) p-Isopropyltoluene	13.730	119	7534	0.364	ug/l	95	
87) 1,3-Dichlorobenzene	13.736	146	10214	0.848	ug/l	100	
88) 1,4-Dichlorobenzene	13.818	146	13397m	1.127	ug/l		04/03/2023
89) n-Butylbenzene	14.060	91	13589	0.821	ug/l	94	
91) 1,2-Dichlorobenzene	14.113	146	8978	0.759	ug/l	97	
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1546	1.038	ug/l	96	
93) 1,2,4-Trichlorobenzene	15.371	180	11144	4.613	ug/l	97	
94) Hexachlorobutadiene	15.465	225	3036	0.771	ug/l	93	
95) Naphthalene	15.589	128	38681	5.358	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.754	180	14124	4.940	ug/l	96	

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

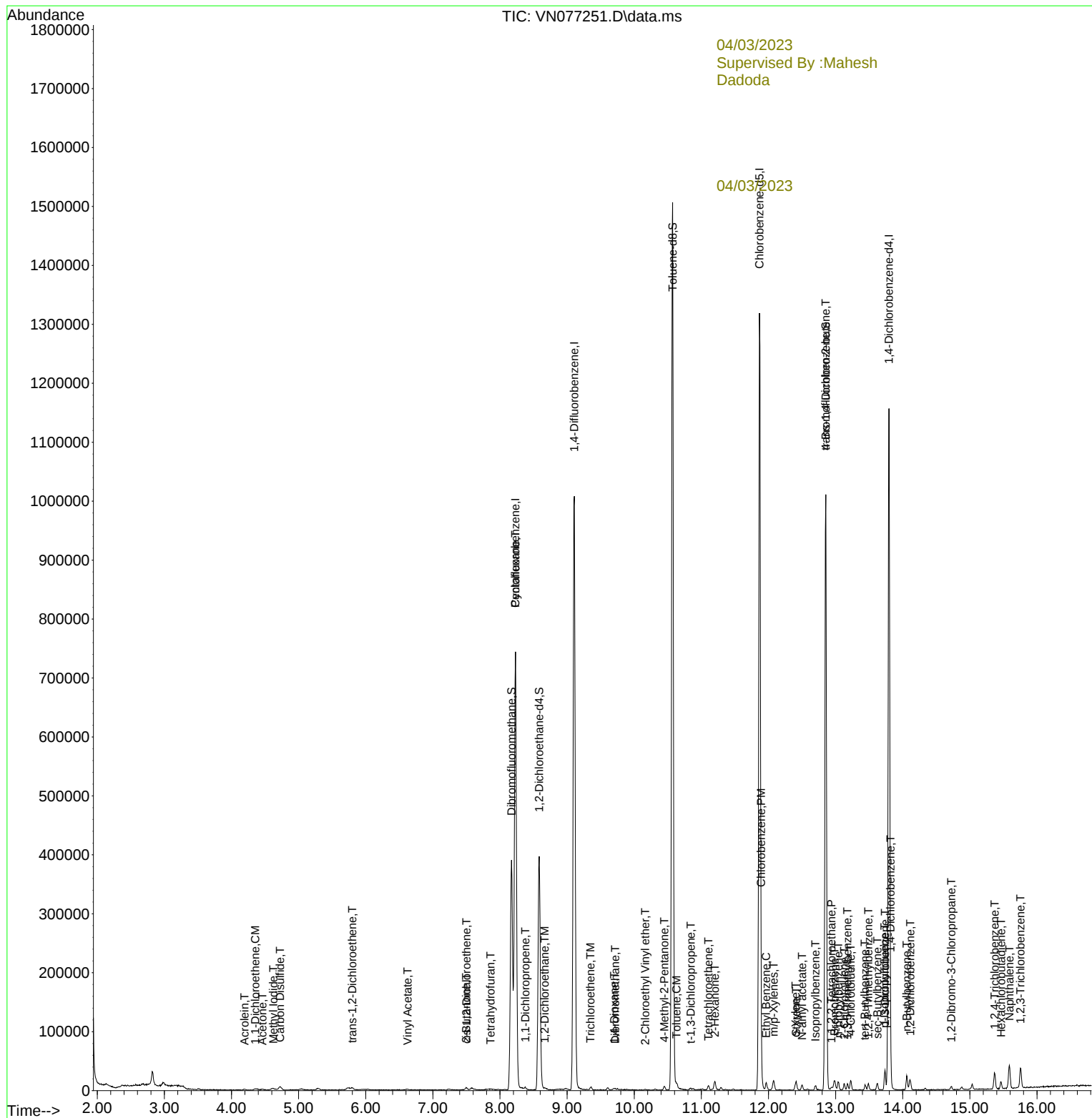
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
Data File : VN077251.D
Acq On : 31 Mar 2023 13:09
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

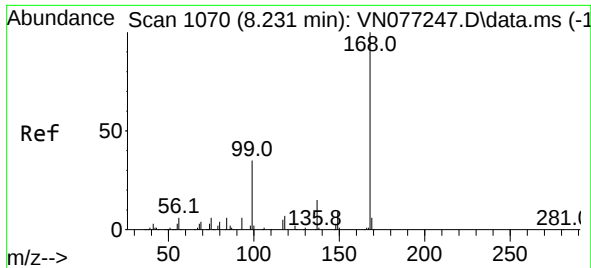
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Apr 03 08:58:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 00:11:10 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

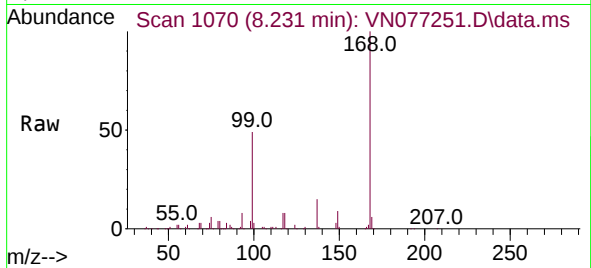
Reviewed By :John
Carlone





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

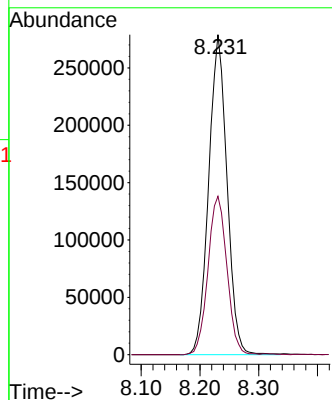
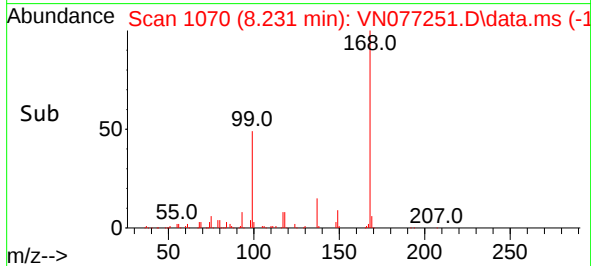
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:168 Resp: 602634
Ion Ratio Lower Upper
168 100
99 49.5 41.8 62.8

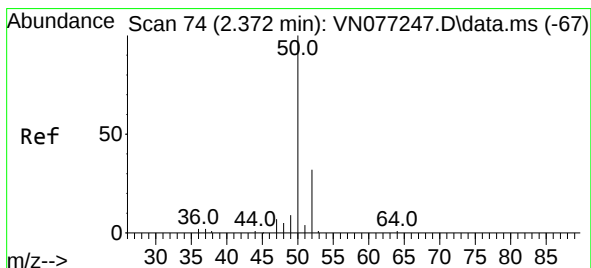
Manual Integrations
APPROVED

Reviewed By :John
Carlone



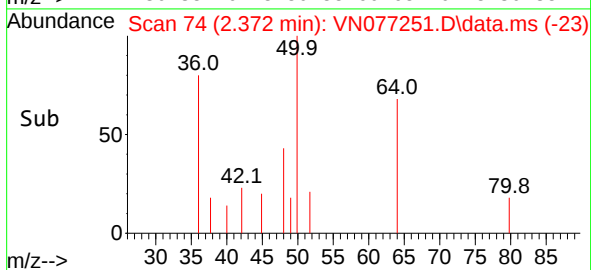
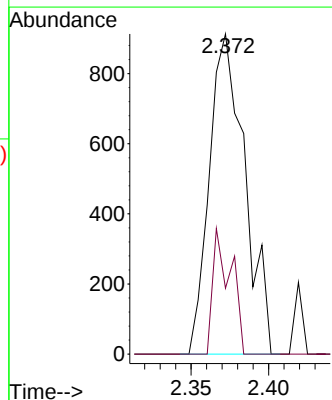
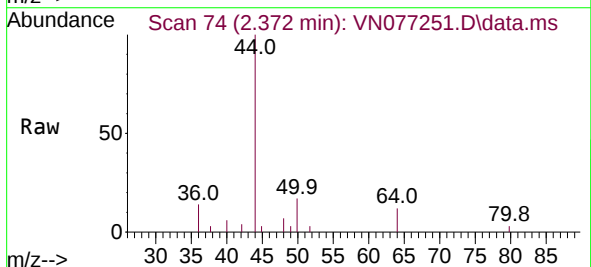
04/03/2023
Supervised By :Mahesh
Dadoda

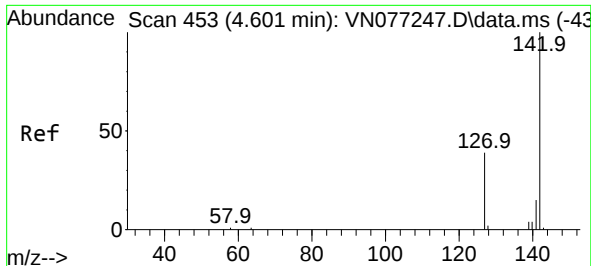
04/03/2023



#3
Chloromethane
Concen: Below Cal
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

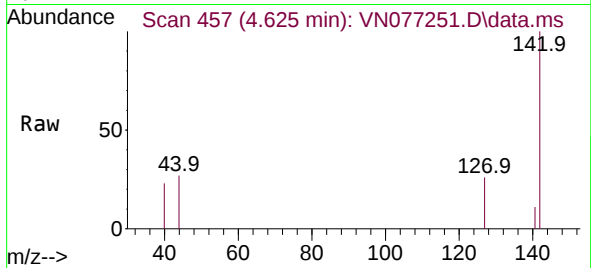
Tgt Ion: 50 Resp: 1452
Ion Ratio Lower Upper
50 100
52 20.6 26.9 40.3#





#10
Methyl Iodide
Concen: 0.927 ug/l
RT: 4.625 min Scan# 412
Delta R.T. 0.030 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

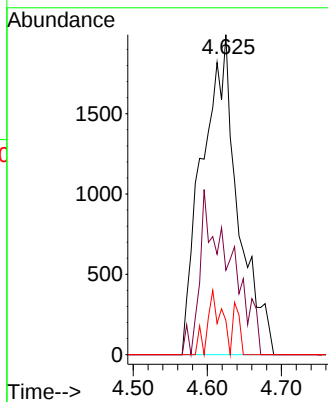
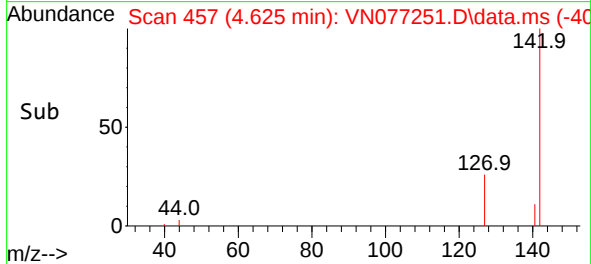
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:142 Resp: 665
Ion Ratio Lower Upper
142 100
127 26.4 31.8 47.8
141 10.7 11.2 16.8

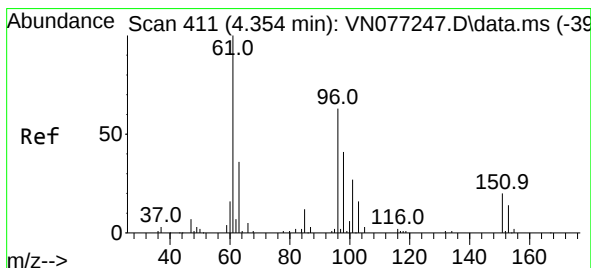
Manual Integrations
APPROVED

Reviewed By :John
Carlone



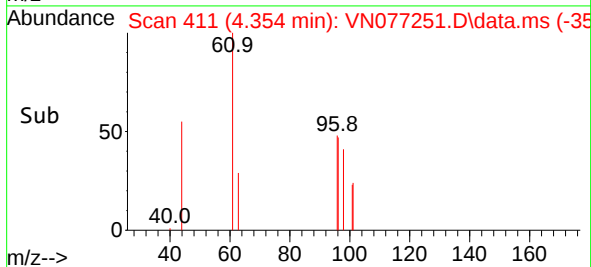
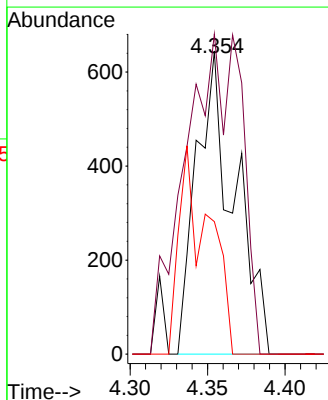
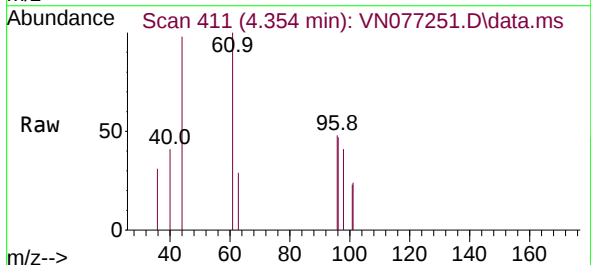
04/03/2023
Supervised By :Mahesh
Dadoda

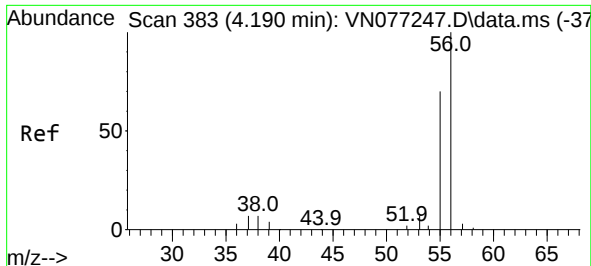
04/03/2023



#12
1,1-Dichloroethene
Concen: 0.203 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 96 Resp: 1099
Ion Ratio Lower Upper
96 100
61 105.6 126.4 189.6#
98 43.7 50.8 76.2#





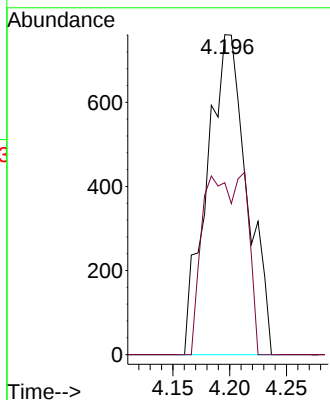
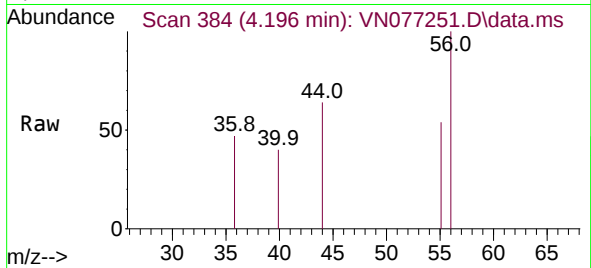
#13
Acrolein
Concen: 1.747 ug/l
RT: 4.196 min Scan# 383
Delta R.T. 0.012 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
55 61.7 56.0 84.0

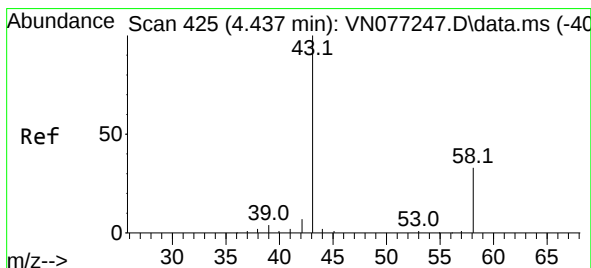
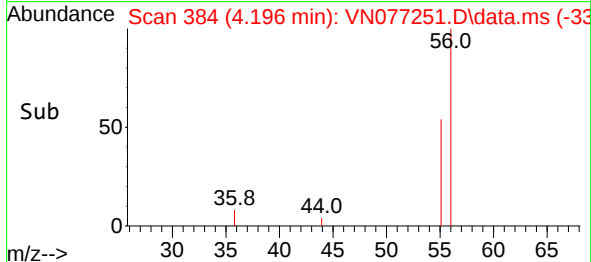
Manual Integrations
APPROVED

Reviewed By :John
Carlone



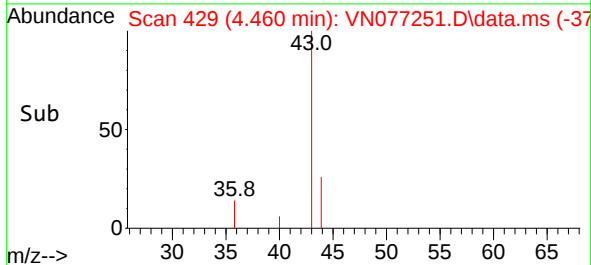
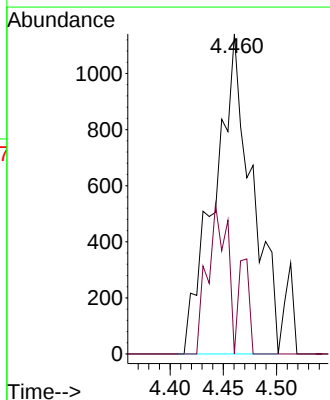
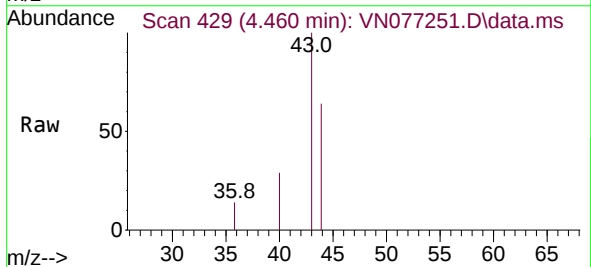
04/03/2023
Supervised By :Mahesh
Dadoda

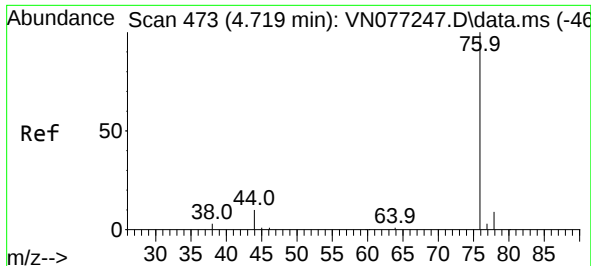
04/03/2023



#16
Acetone
Concen: 0.904 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.030 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#





#17

Carbon Disulfide

Concen: 0.840 ug/l

RT: 4.725 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 76 Resp: 12109

Ion Ratio Lower Upper

76 100

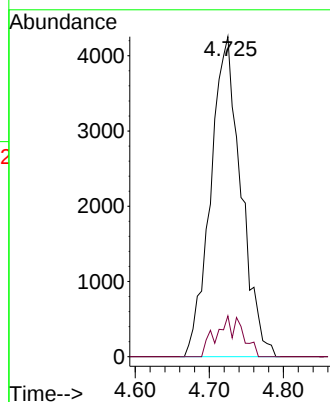
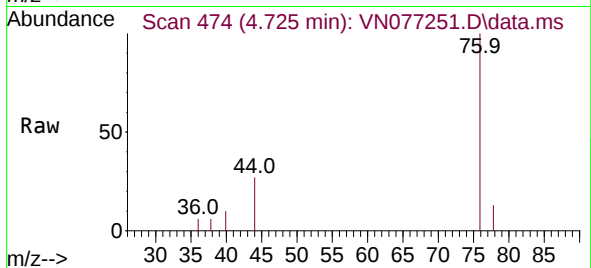
78 12.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John

Carlone

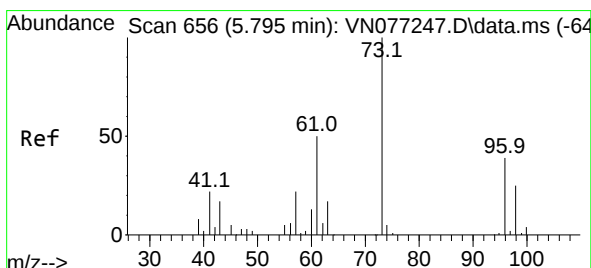
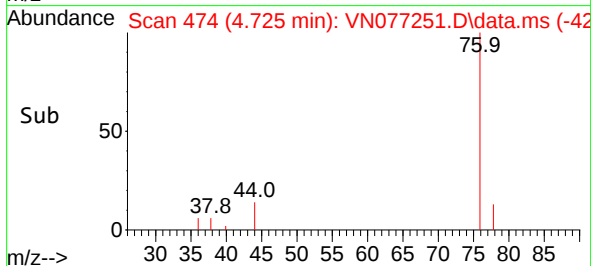


04/03/2023

Supervised By :Mahesh

Dadoda

04/03/2023



#21

trans-1,2-Dichloroethene

Concen: 0.407 ug/l

RT: 5.801 min Scan# 657

Delta R.T. 0.006 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

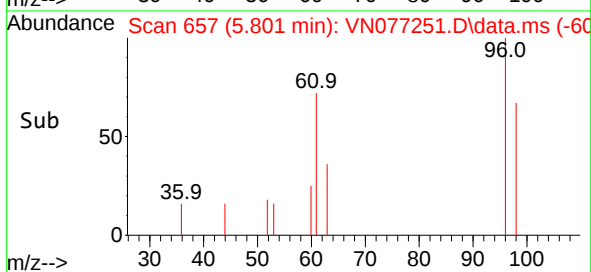
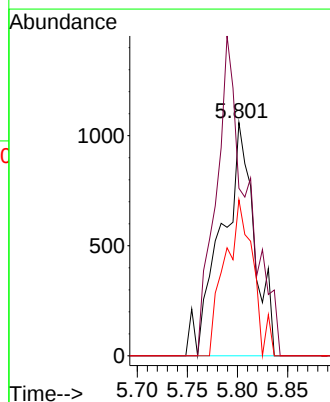
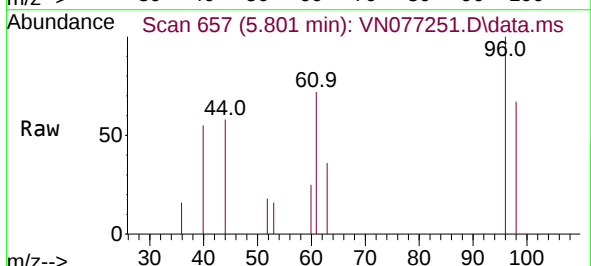
Tgt Ion: 96 Resp: 2413

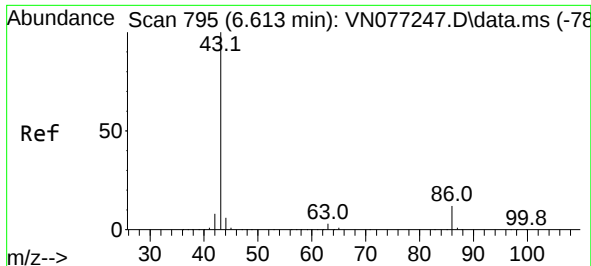
Ion Ratio Lower Upper

96 100

61 71.8 109.7 164.5#

98 66.9 50.4 75.6





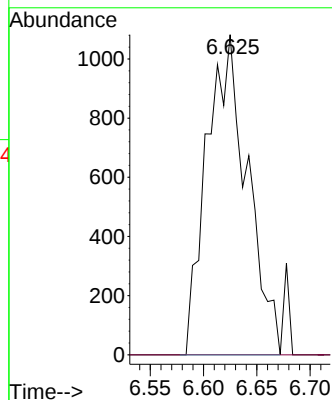
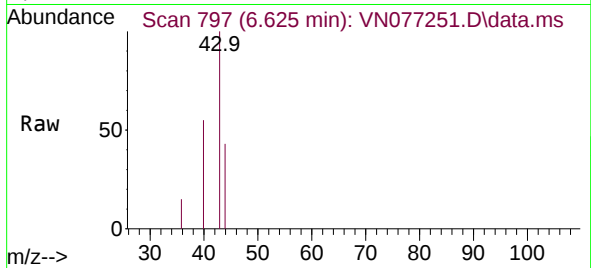
#23
 Vinyl Acetate
 Concen: 0.241 ug/l
 RT: 6.625 min Scan# 795
 Delta R.T. 0.018 min
 Lab File: VN077251.D
 Acq: 31 Mar 2023 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 43 Resp: 286
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.4

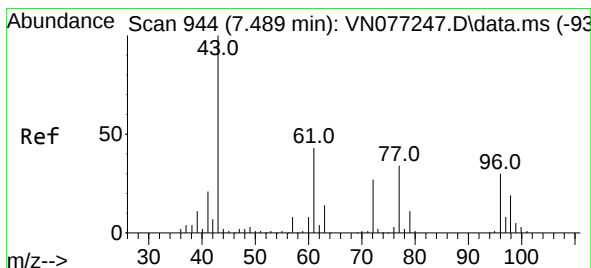
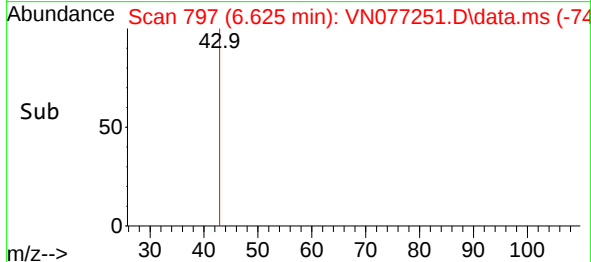
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



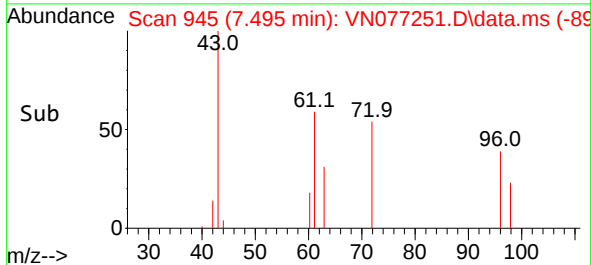
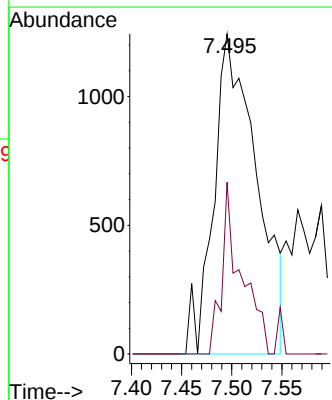
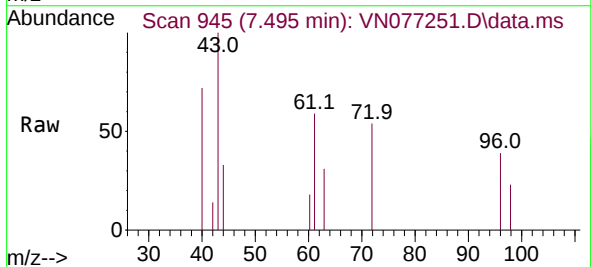
04/03/2023
 Supervised By :Mahesh
 Dadoda

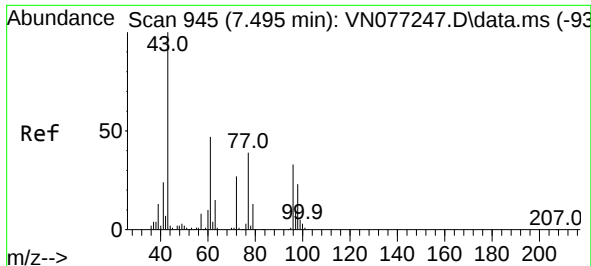
04/03/2023



#25
 2-Butanone
 Concen: 0.844 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077251.D
 Acq: 31 Mar 2023 13:09

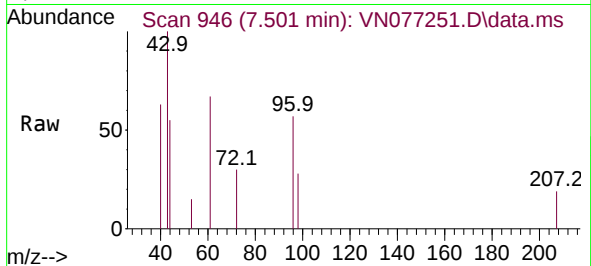
Tgt Ion: 43 Resp: 3699
 Ion Ratio Lower Upper
 43 100
 72 53.7 22.2 33.2





#27
cis-1,2-Dichloroethene
Concen: 0.211 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.012 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

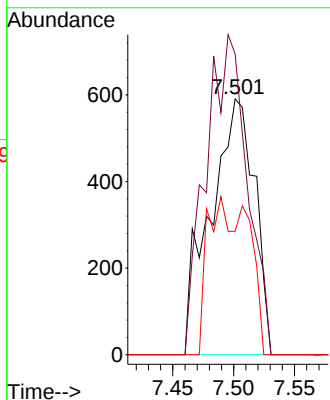
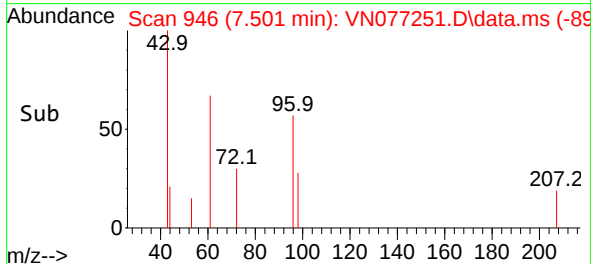
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 96 Resp: 1494
Ion Ratio Lower Upper
96 100
61 117.5 0.0 286.0
98 36.7 0.0 127.8

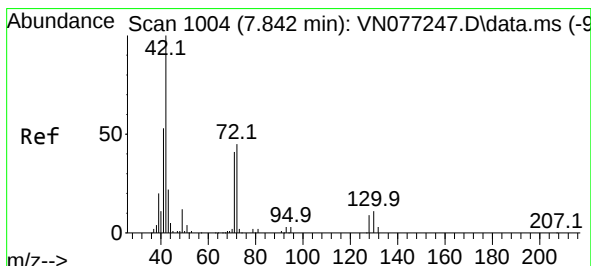
Manual Integrations
APPROVED

Reviewed By :John
Carlone

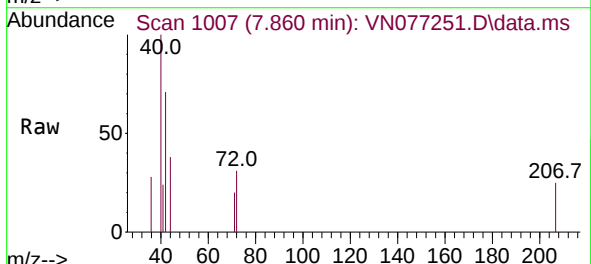


04/03/2023
Supervised By :Mahesh
Dadoda

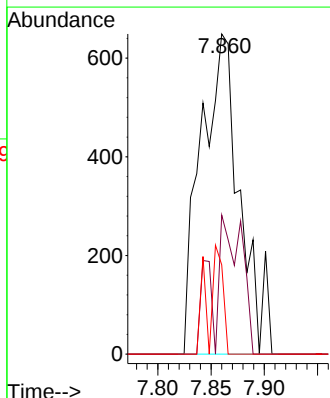
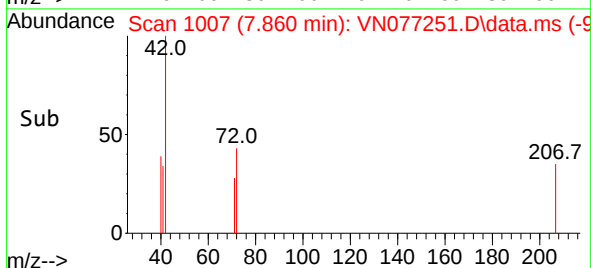
04/03/2023

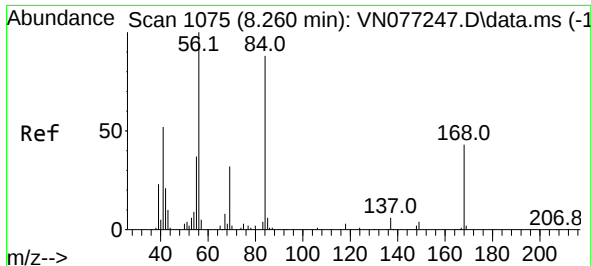


#29
Tetrahydrofuran
Concen: 0.598 ug/l
RT: 7.860 min Scan# 1007
Delta R.T. 0.018 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09



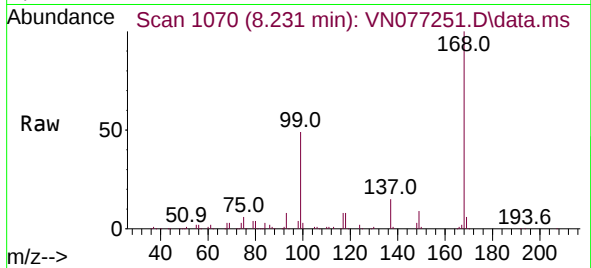
Tgt Ion: 42 Resp: 1648
Ion Ratio Lower Upper
42 100
72 24.0 35.6 53.4#
71 12.9 33.2 49.8#





#31
Cyclohexane
Concen: 1.021 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

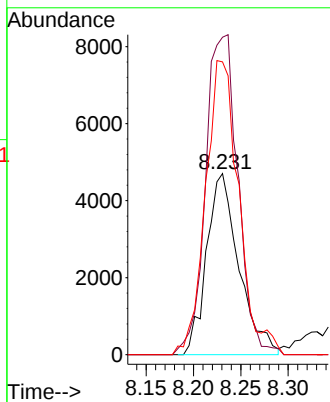
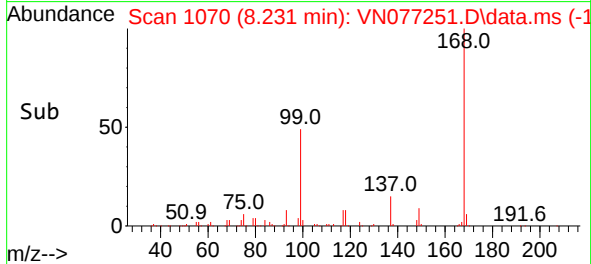
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 56 Resp: 1116
Ion Ratio Lower Upper
56 100
69 171.9 25.1 37.7
84 157.1 69.0 103.4

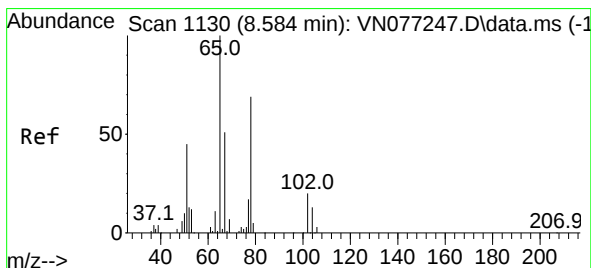
Manual Integrations
APPROVED

Reviewed By :John
Carlone



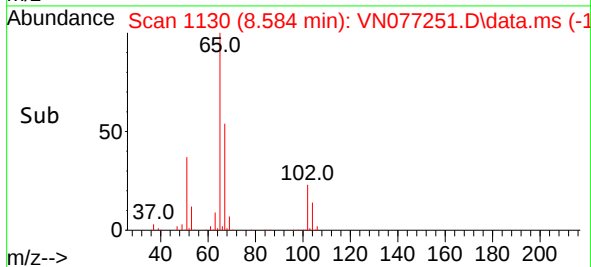
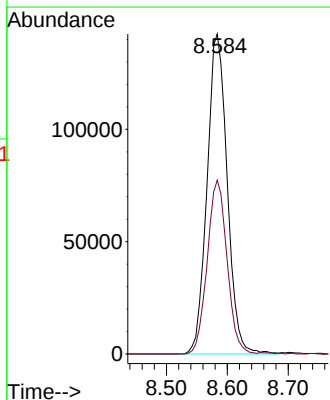
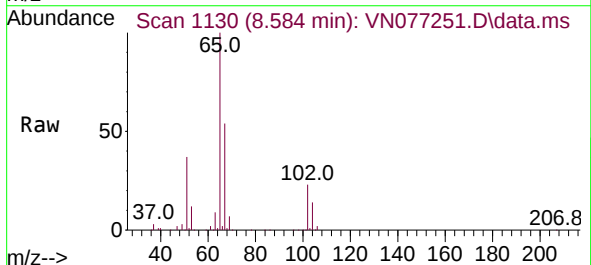
04/03/2023
Supervised By :Mahesh
Dadoda

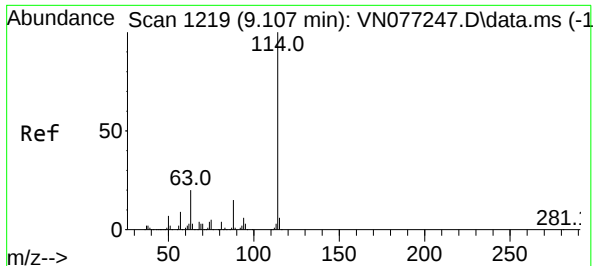
04/03/2023



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 65 Resp: 327192
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

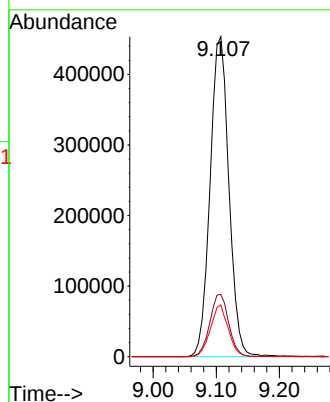
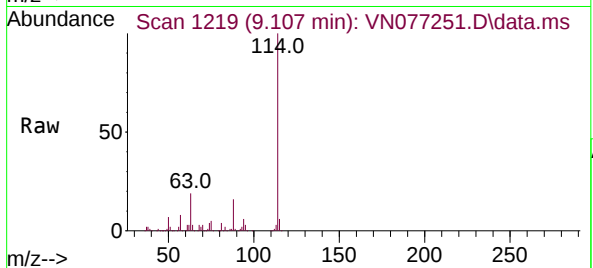
ClientSampleId :

IBLK

Tgt Ion:114	Resp:	93672
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 39.2
88	16.2	0.0 29.8

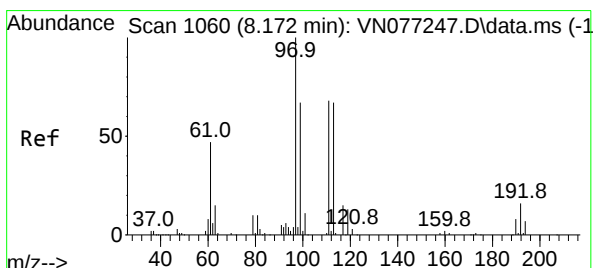
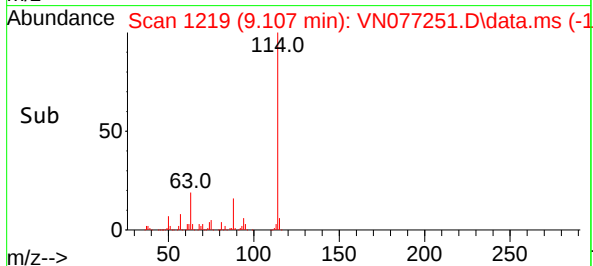
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#35

Dibromofluoromethane

Concen: 49.196 ug/l

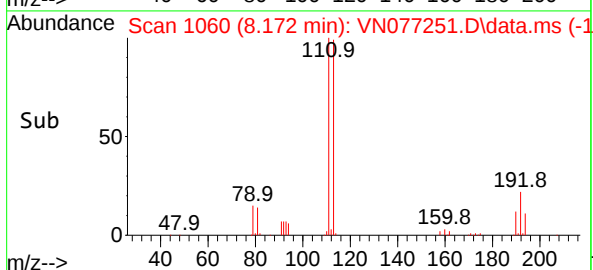
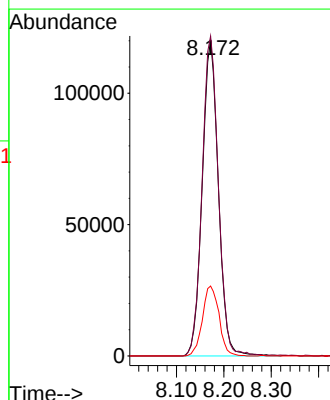
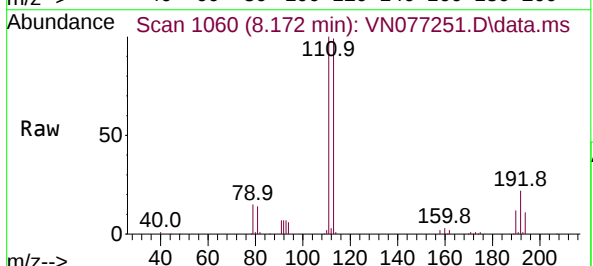
RT: 8.172 min Scan# 1060

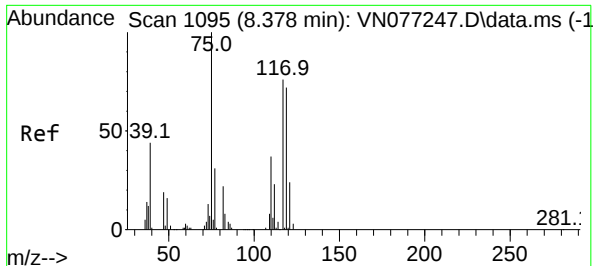
Delta R.T. -0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Tgt Ion:113	Resp:	284374
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.2 123.2
192	22.8	18.5 27.7





#36

1,1-Dichloropropene

Concen: 0.255 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

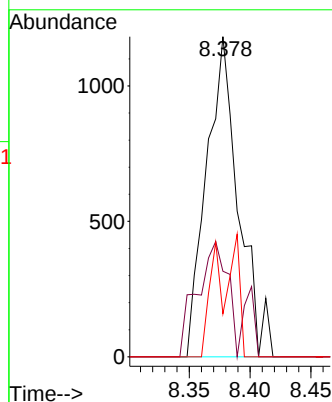
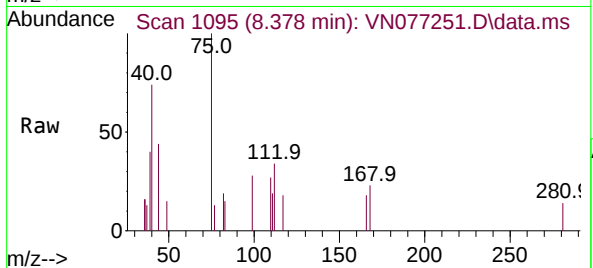
ClientSampleId :

IBLK

Tgt Ion: 75	Resp: 216
Ion Ratio	Lower Upper
75 100	
110 34.2	17.6 52.9
77 13.3	24.4 36.6

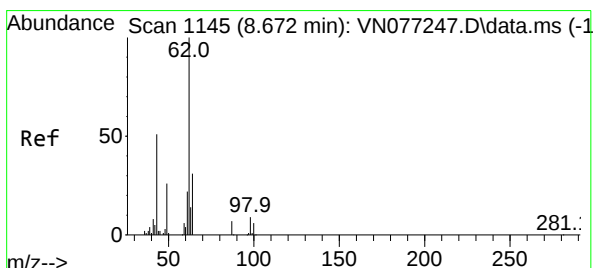
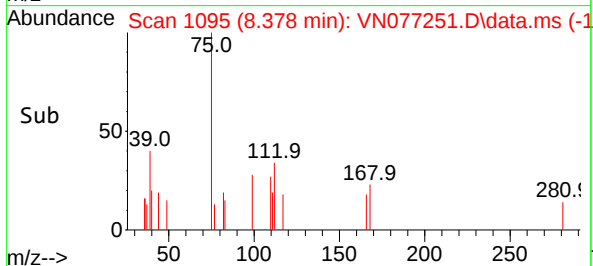
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#42

1,2-Dichloroethane

Concen: 0.205 ug/l

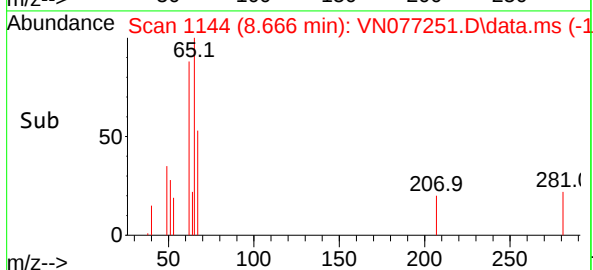
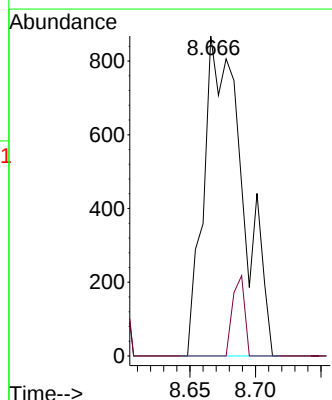
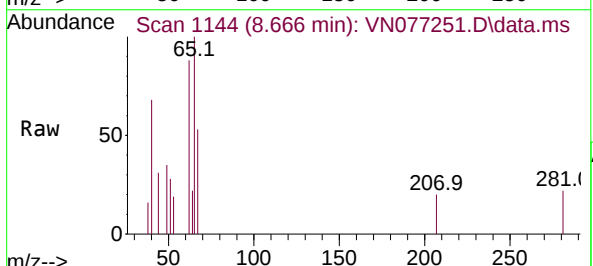
RT: 8.666 min Scan# 1144

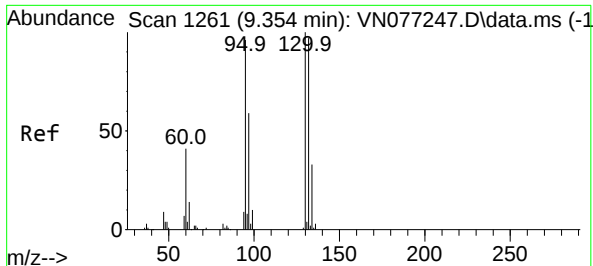
Delta R.T. -0.006 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

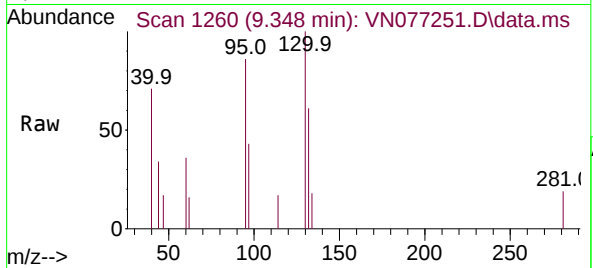
Tgt Ion: 62	Resp: 1787
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 20.8





#44
Trichloroethene
Concen: 0.306 ug/l
RT: 9.348 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

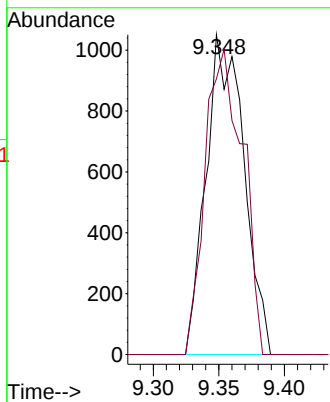
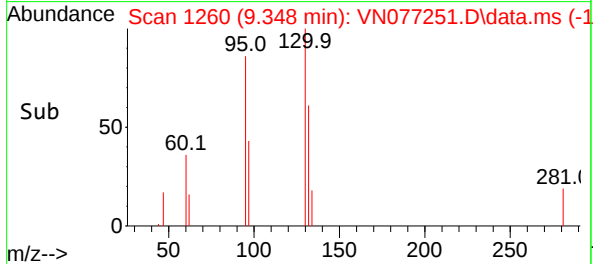
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:130 Resp: 210
Ion Ratio Lower Upper
130 100
95 86.2 0.0 197.8

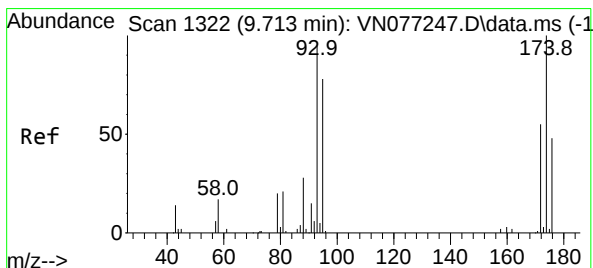
Manual Integrations
APPROVED

Reviewed By :John
Carlone

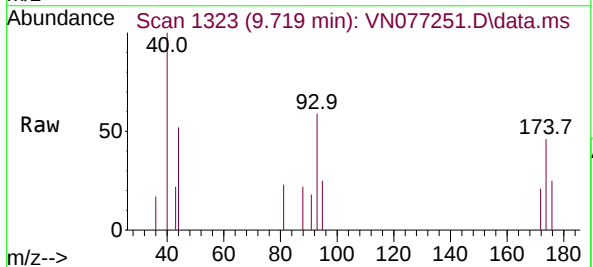


04/03/2023
Supervised By :Mahesh
Dadoda

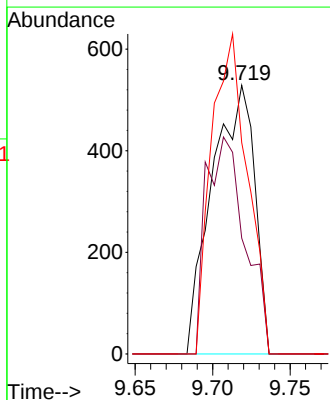
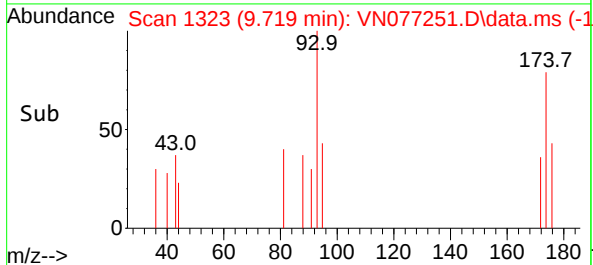
04/03/2023

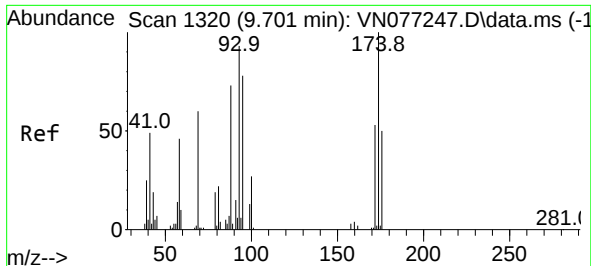


#46
Dibromomethane
Concen: 0.224 ug/l
RT: 9.719 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09



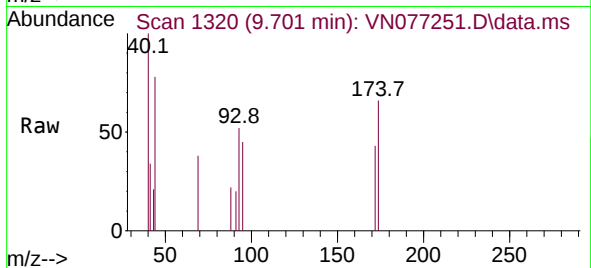
Tgt Ion: 93 Resp: 1010
Ion Ratio Lower Upper
93 100
95 73.9 66.1 99.1
174 100.6 91.0 136.4





#49
1,4-Dioxane
Concen: 0.914 ug/l
RT: 9.701 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

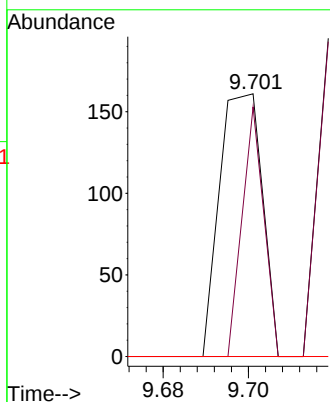
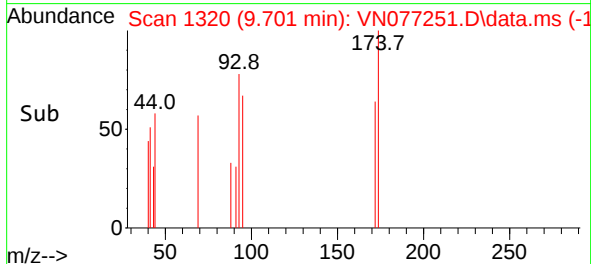
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8
58 0.0 56.5 84.7

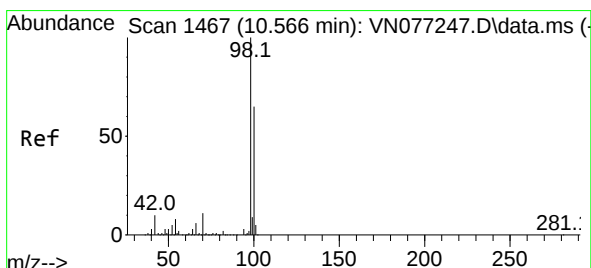
Manual Integrations
APPROVED

Reviewed By :John
Carlone

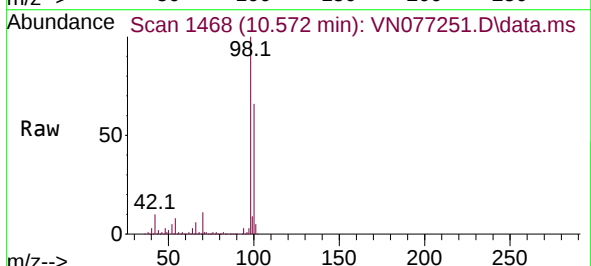


04/03/2023
Supervised By :Mahesh
Dadoda

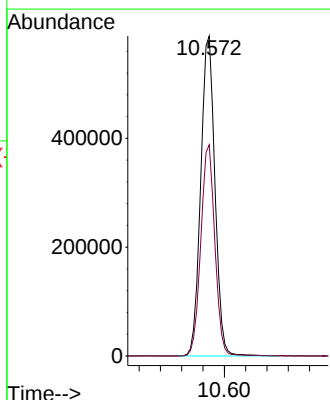
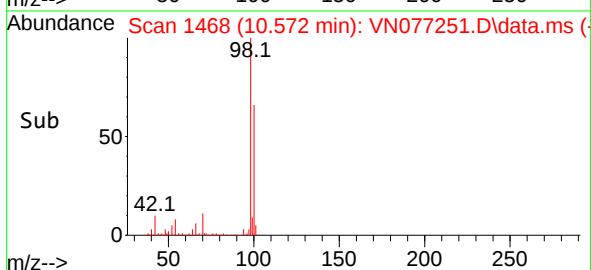
04/03/2023

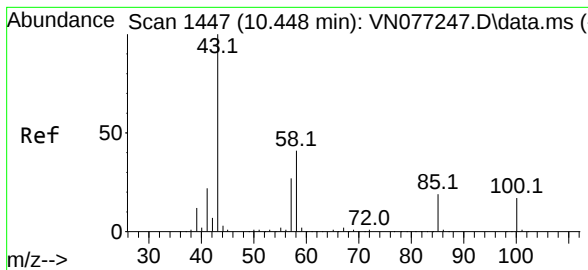


#50
Toluene-d8
Concen: 52.054 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09



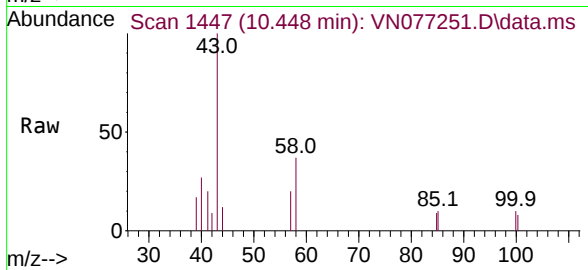
Tgt Ion: 98 Resp: 1088082
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

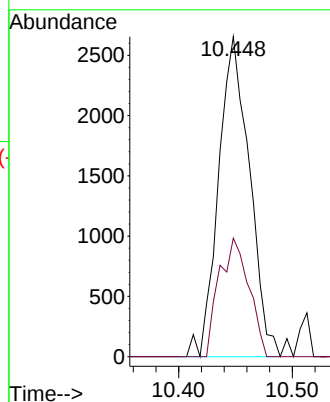
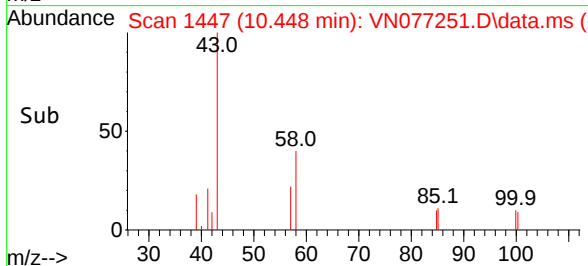
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 35.5 33.3 49.9

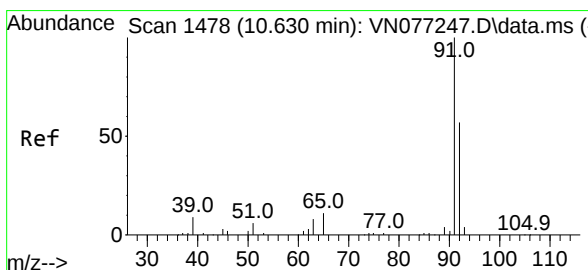
Manual Integrations
APPROVED

Reviewed By :John
Carlone



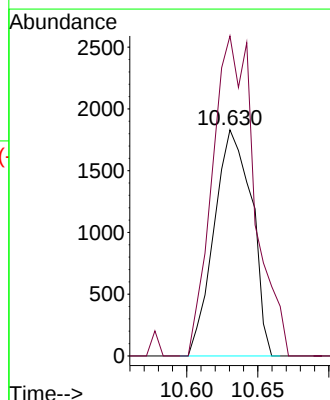
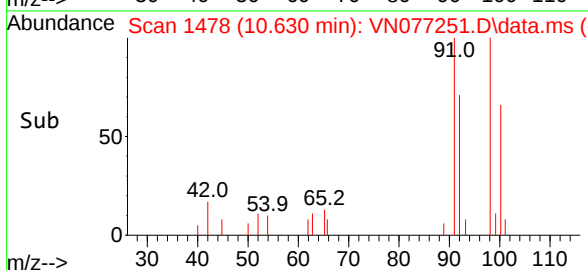
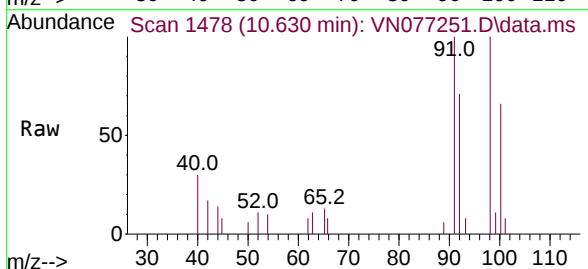
04/03/2023
Supervised By :Mahesh
Dadoda

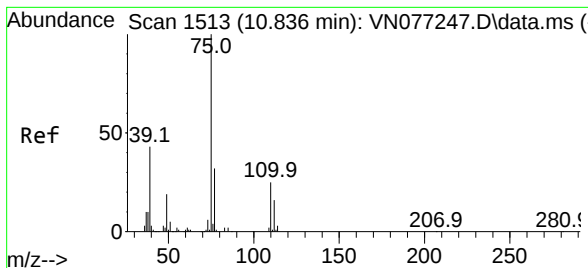
04/03/2023



#52
Toluene
Concen: 0.210 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 92 Resp: 3381
Ion Ratio Lower Upper
92 100
91 159.1 138.8 208.2





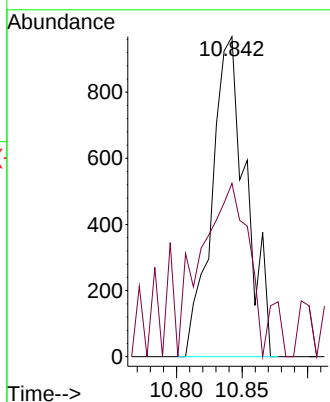
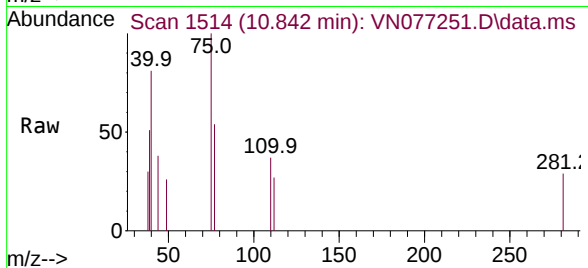
#53
t-1,3-Dichloropropene
Concen: 0.200 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 1752
Ion Ratio Lower Upper
75 100
77 54.1 25.8 38.8

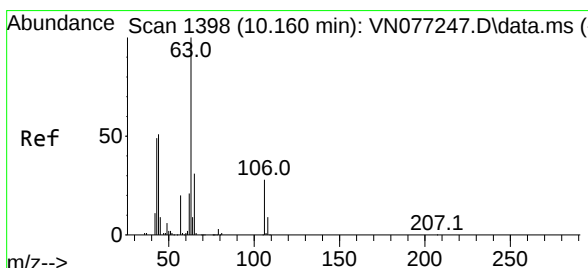
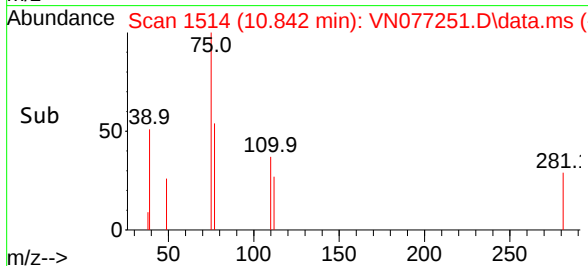
Manual Integrations
APPROVED

Reviewed By :John
Carlone



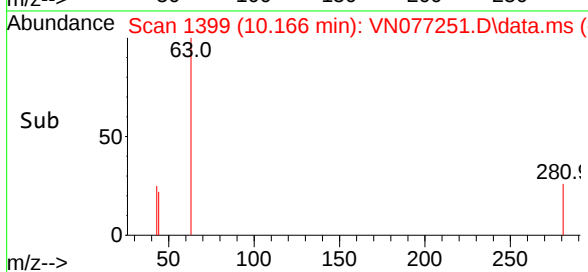
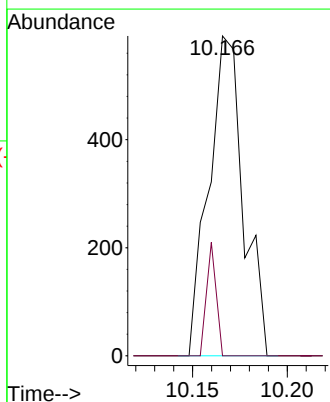
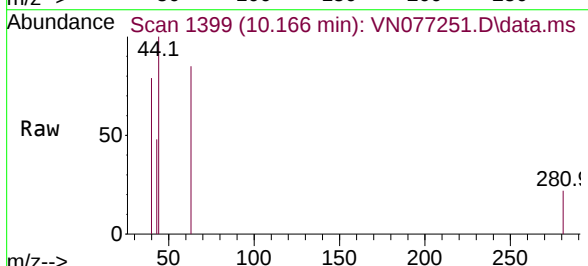
04/03/2023
Supervised By :Mahesh
Dadoda

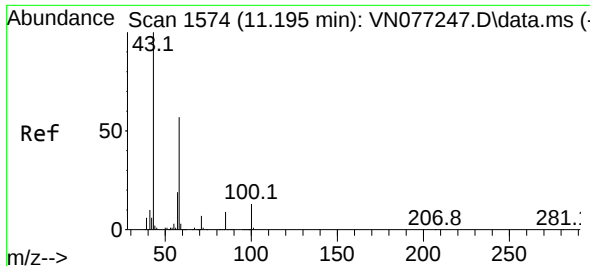
04/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 0.236 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

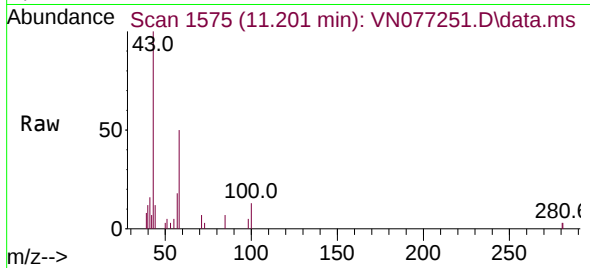
Tgt Ion: 63 Resp: 752
Ion Ratio Lower Upper
63 100
106 9.8 22.6 33.8





#59
2-Hexanone
Concen: 1.838 ug/l
RT: 11.201 min Scan# 11278
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

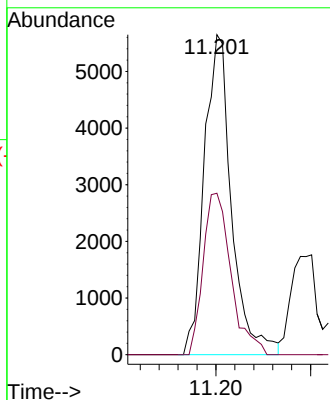
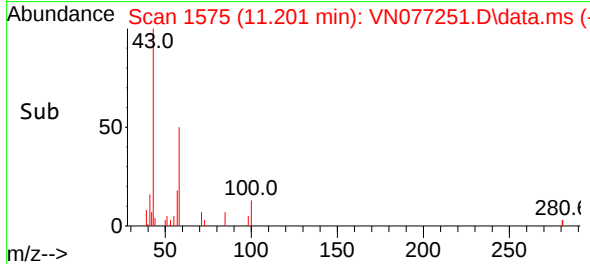
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 43 Resp: 11278
Ion Ratio Lower Upper
43 100
58 51.7 29.3 88.0

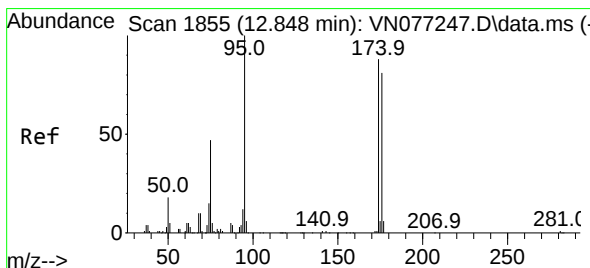
Manual Integrations
APPROVED

Reviewed By :John
Carlone



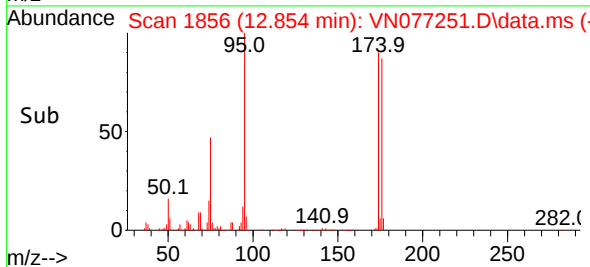
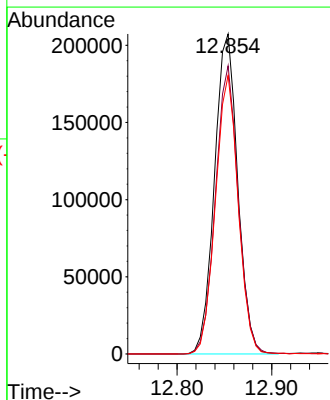
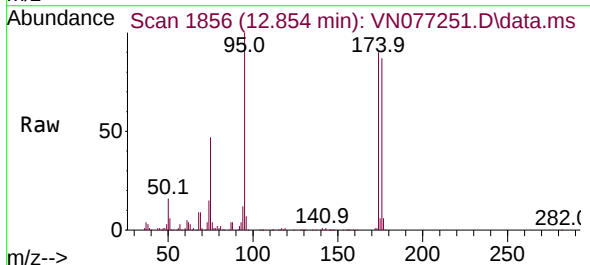
04/03/2023
Supervised By :Mahesh
Dadoda

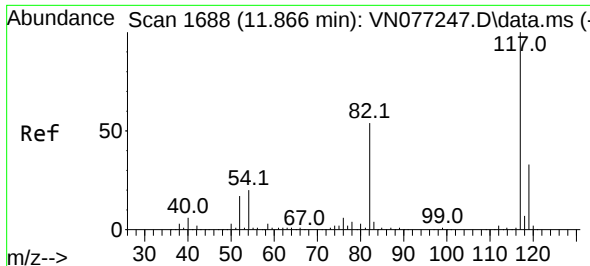
04/03/2023



#62
4-Bromofluorobenzene
Concen: 51.157 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

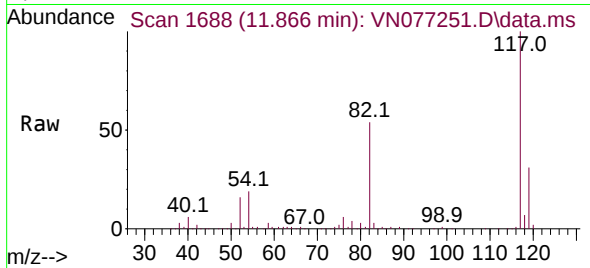
Tgt Ion: 95 Resp: 353997
Ion Ratio Lower Upper
95 100
174 88.3 0.0 179.2
176 85.1 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

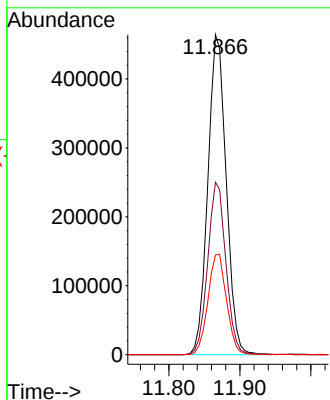
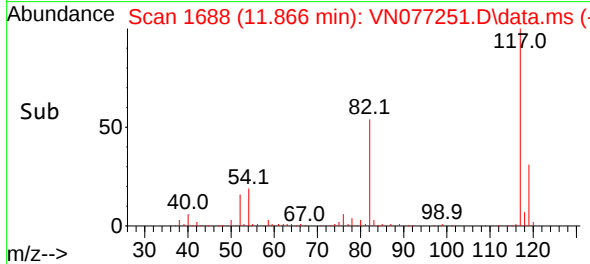
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:117 Resp: 831904
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 31.2 25.3 37.9

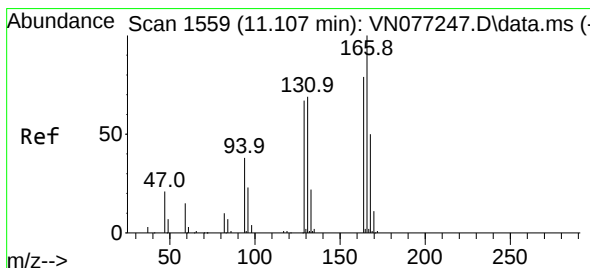
Manual Integrations
APPROVED

Reviewed By :John
Carlone



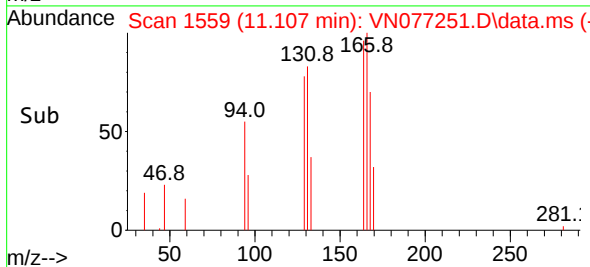
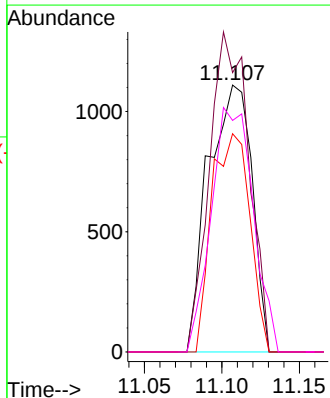
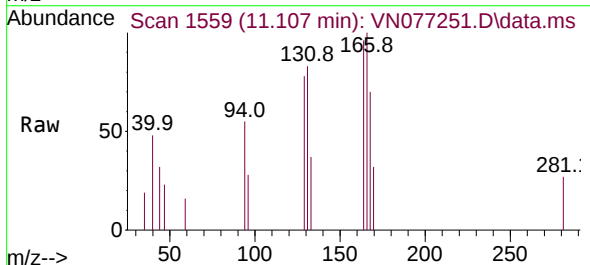
04/03/2023
Supervised By :Mahesh
Dadoda

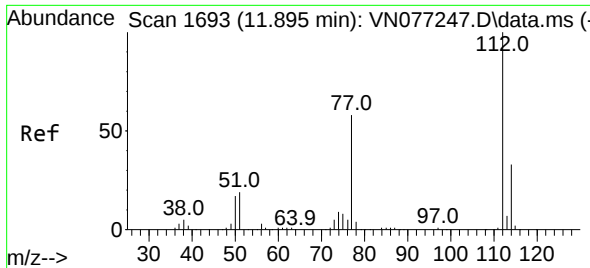
04/03/2023



#64
Tetrachloroethene
Concen: 0.356 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:164 Resp: 2171
Ion Ratio Lower Upper
164 100
166 104.7 106.0 159.0#
129 81.8 72.4 108.6
131 86.8 69.0 103.6





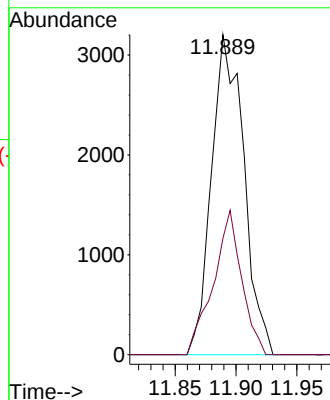
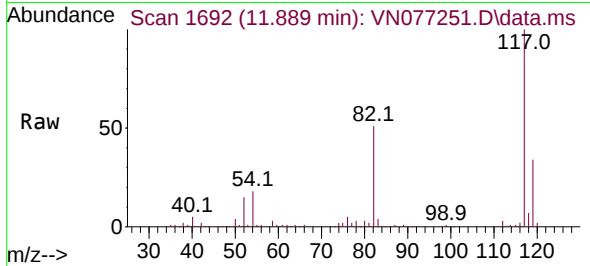
#65
Chlorobenzene
Concen: 0.336 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:112 Resp: 5902
Ion Ratio Lower Upper
112 100
114 36.3 25.9 38.9

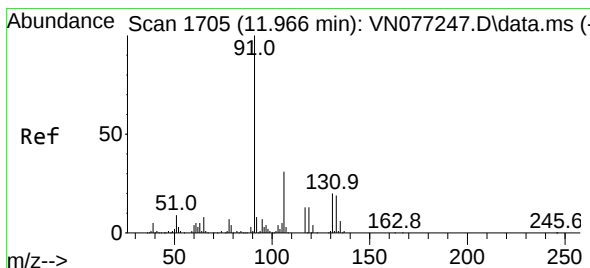
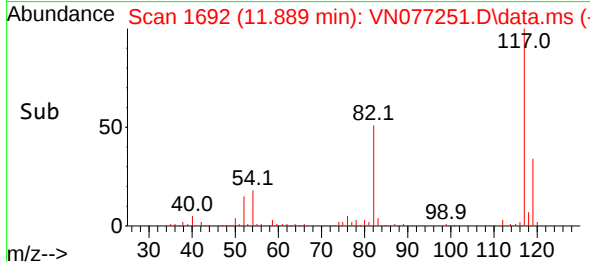
Manual Integrations
APPROVED

Reviewed By :John
Carlone



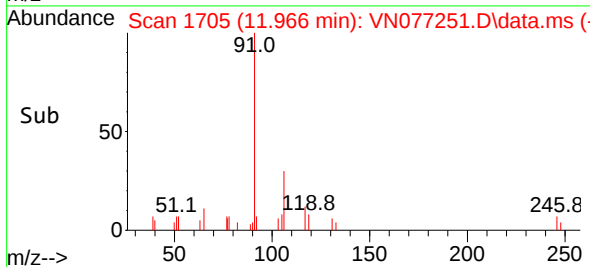
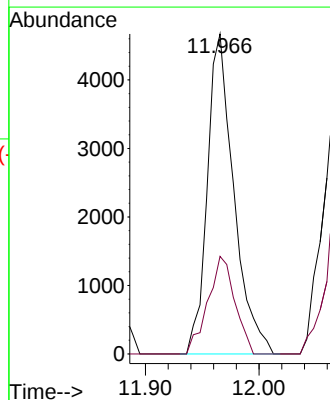
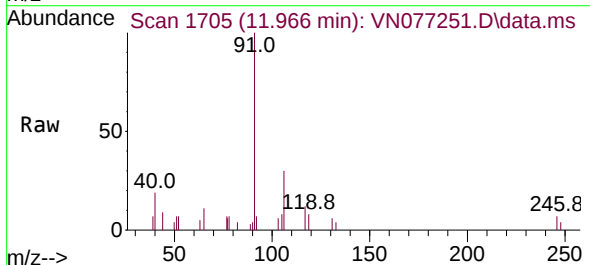
04/03/2023
Supervised By :Mahesh
Dadoda

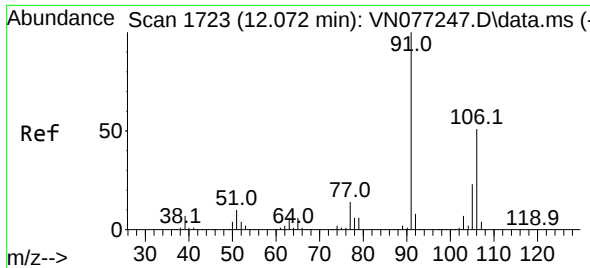
04/03/2023



#67
Ethyl Benzene
Concen: 0.255 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 91 Resp: 7564
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5





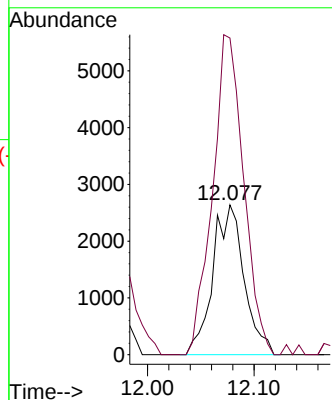
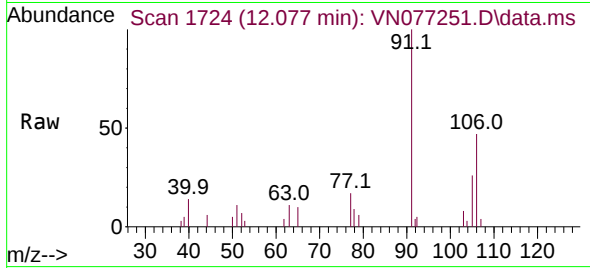
#68
m/p-Xylenes
Concen: 0.467 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 537
Ion Ratio Lower Upper
106 100
91 213.2 158.6 238.0

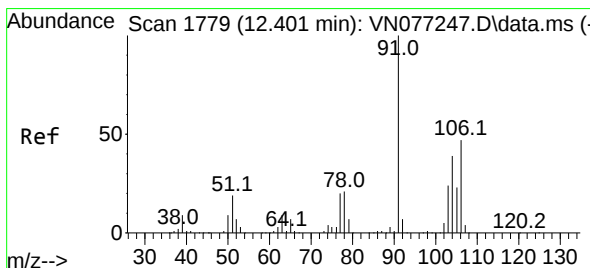
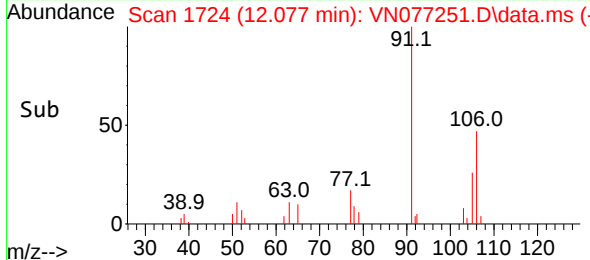
Manual Integrations
APPROVED

Reviewed By :John
Carlone



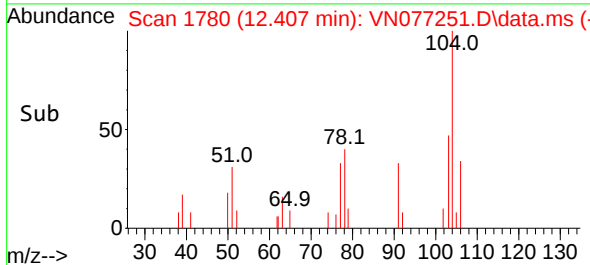
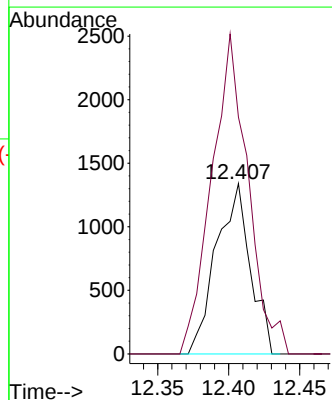
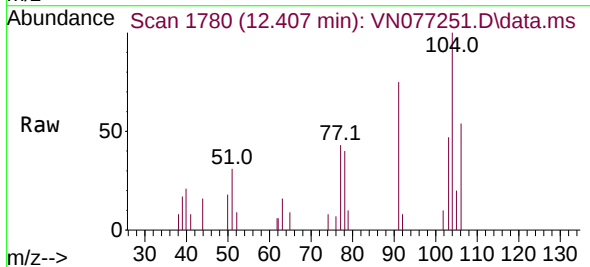
04/03/2023
Supervised By :Mahesh
Dadoda

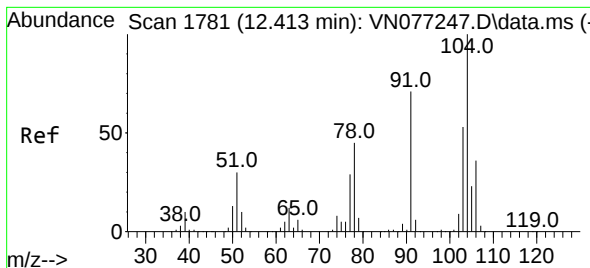
04/03/2023



#69
o-Xylene
Concen: 0.201 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:106 Resp: 2229
Ion Ratio Lower Upper
106 100
91 201.3 104.7 314.1





#70

Styrene

Concen: 0.319 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

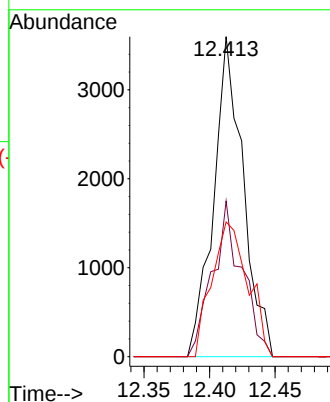
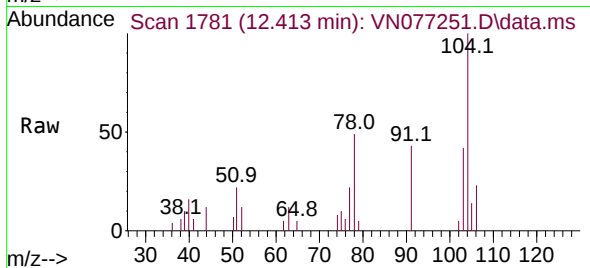
ClientSampleId :

IBLK

Tgt Ion:104	Resp:	564
Ion Ratio	Lower	Upper
104	100	
78	48.5	38.7 58.1
103	51.6	44.5 66.7

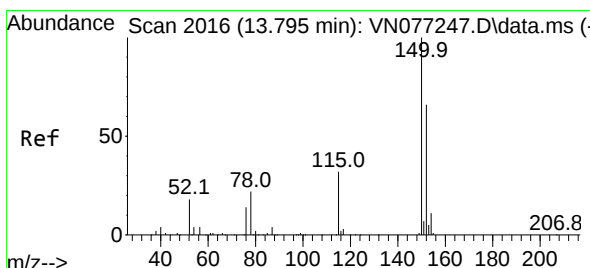
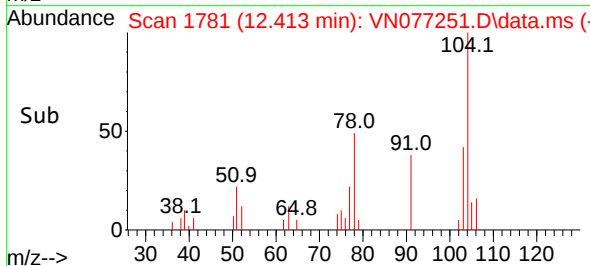
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

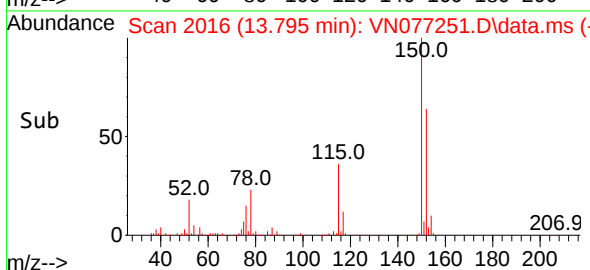
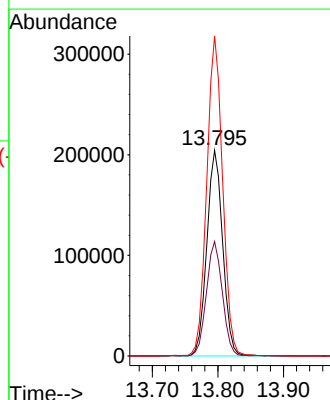
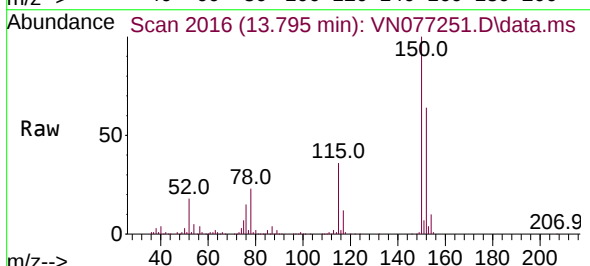
RT: 13.795 min Scan# 2016

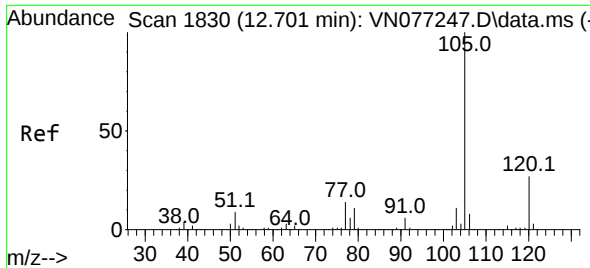
Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Tgt Ion:152	Resp:	343742
Ion Ratio	Lower	Upper
152	100	
115	56.1	27.9 83.6
150	156.1	0.0 346.4





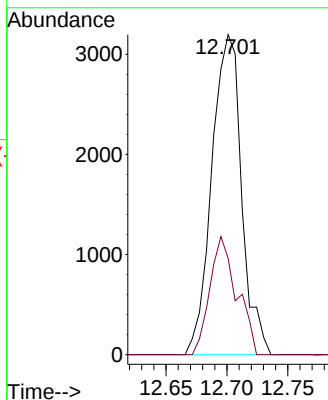
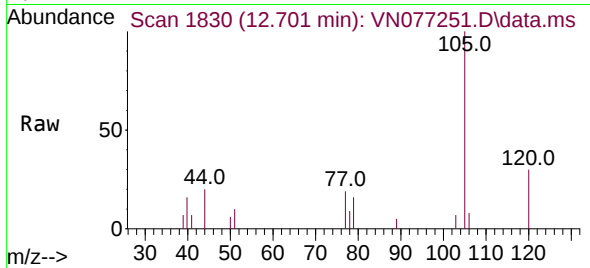
#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 544
Ion Ratio Lower Upper
105 100
120 33.4 13.7 41.1

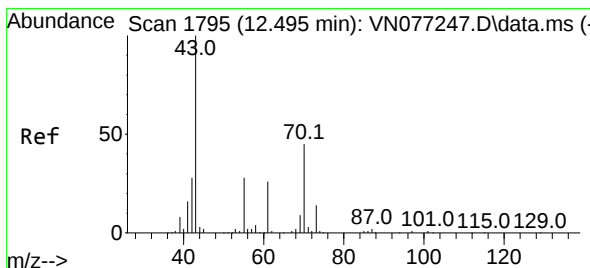
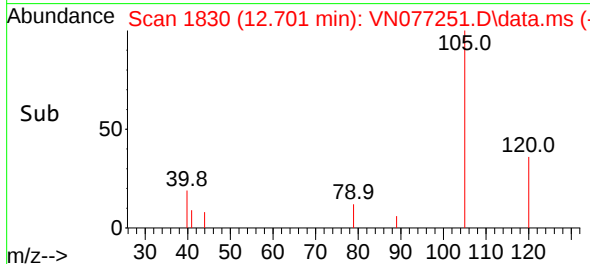
Manual Integrations
APPROVED

Reviewed By :John
Carlone



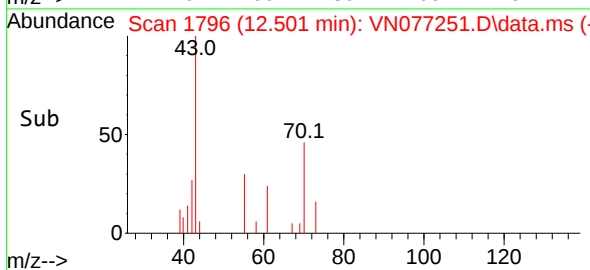
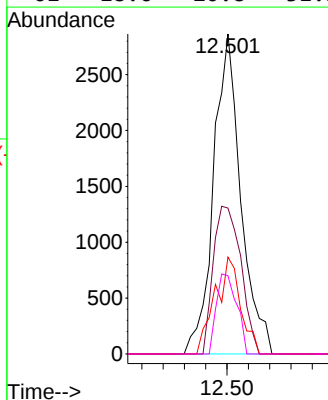
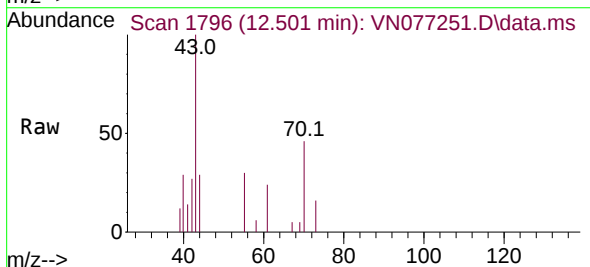
04/03/2023
Supervised By :Mahesh
Dadoda

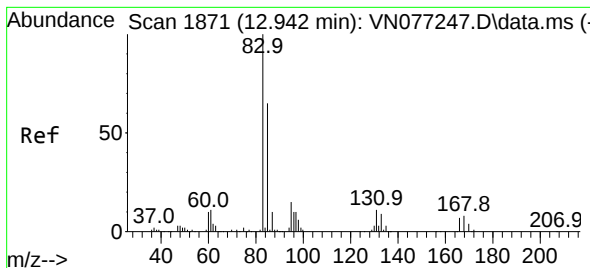
04/03/2023



#74
N-ethyl acetate
Concen: 0.538 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 43 Resp: 5086
Ion Ratio Lower Upper
43 100
70 46.7 37.5 56.3
55 28.2 21.4 32.0
61 18.6 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.253 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

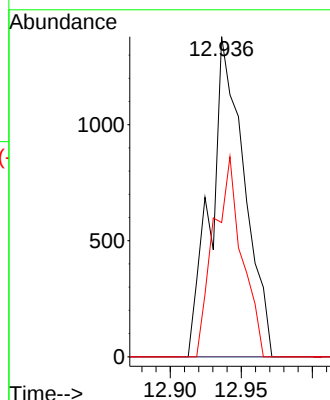
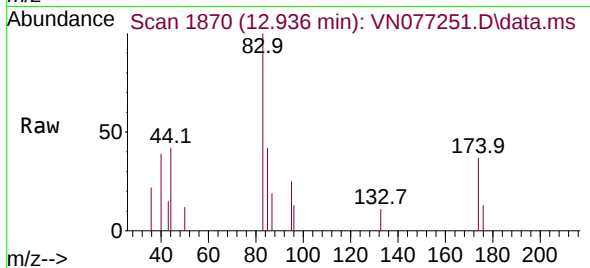
IBLK

Tgt Ion:	83	Resp:	2254
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3
85	52.7	32.3	96.9

Manual Integrations

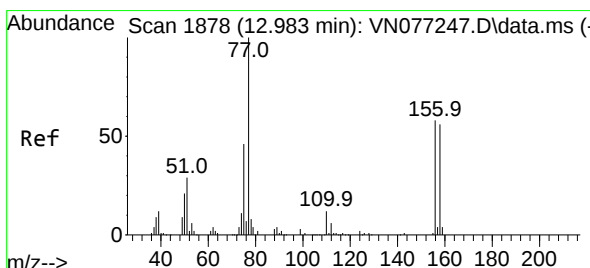
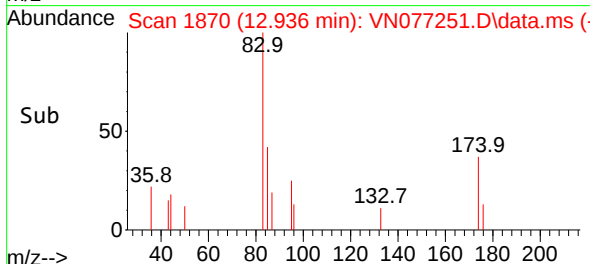
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#77

Bromobenzene

Concen: 0.571 ug/l

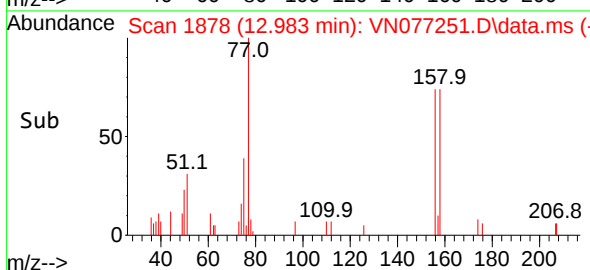
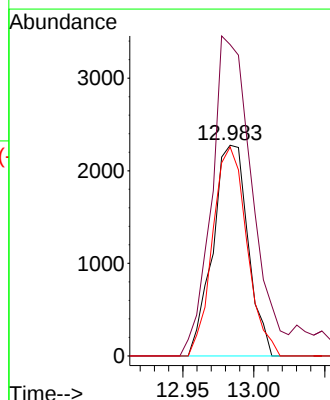
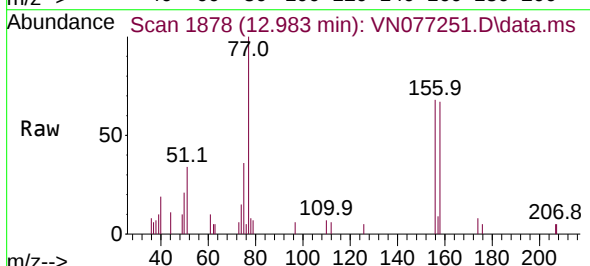
RT: 12.983 min Scan# 1878

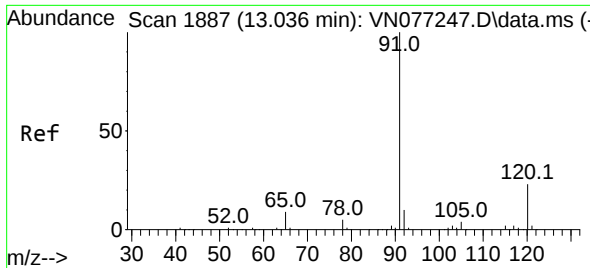
Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Tgt Ion:	156	Resp:	3919
Ion	Ratio	Lower	Upper
156	100		
77	174.3	97.0	291.2
158	96.6	49.1	147.3





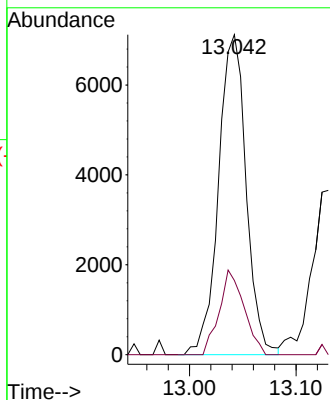
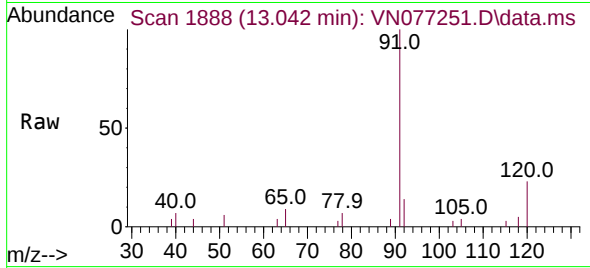
#78
n-propylbenzene
Concen: 0.454 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 12828
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.1

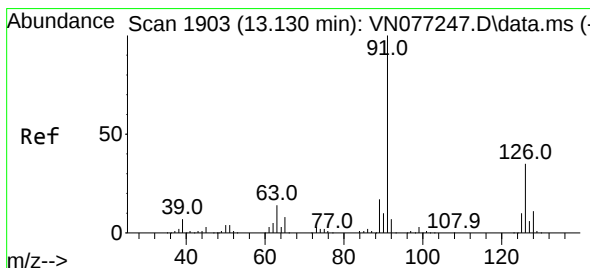
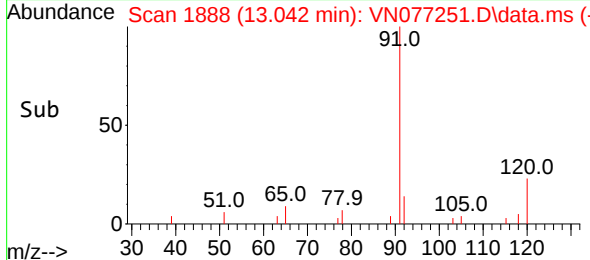
Manual Integrations
APPROVED

Reviewed By :John
Carlone



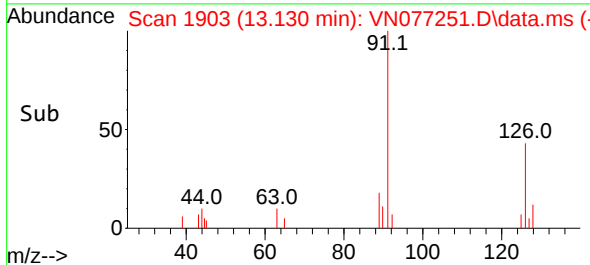
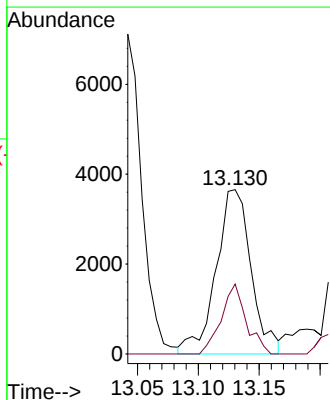
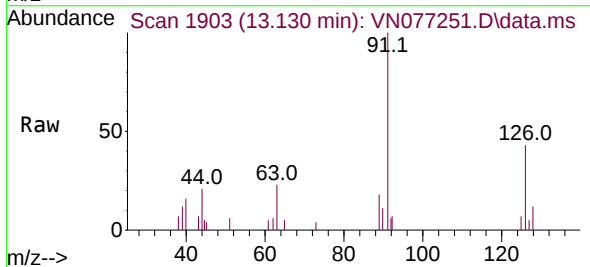
04/03/2023
Supervised By :Mahesh
Dadoda

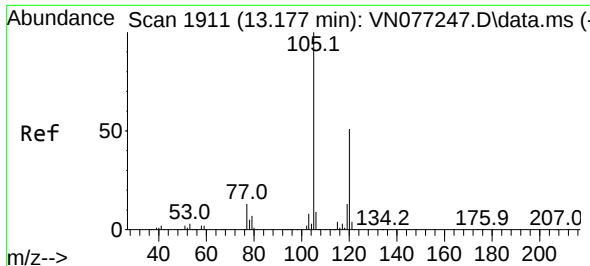
04/03/2023



#79
2-Chlorotoluene
Concen: 0.403 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

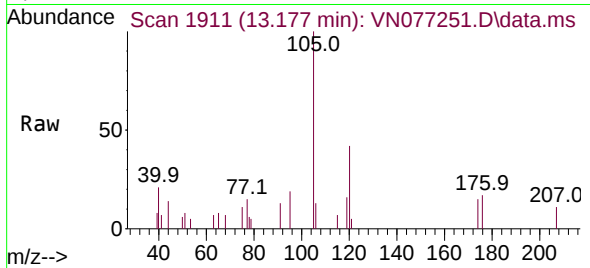
Tgt Ion: 91 Resp: 7336
Ion Ratio Lower Upper
91 100
126 30.2 17.3 51.9





#80
1,3,5-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

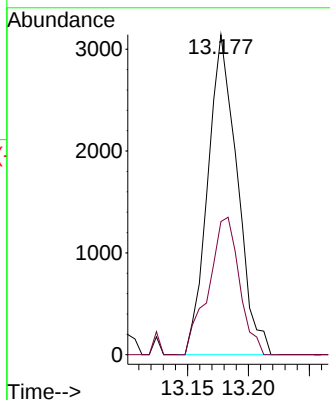
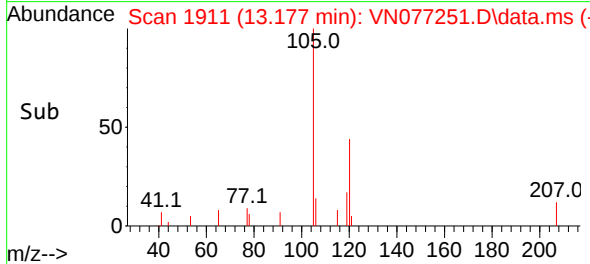
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:105 Resp: 5280
Ion Ratio Lower Upper
105 100
120 45.0 25.6 76.8

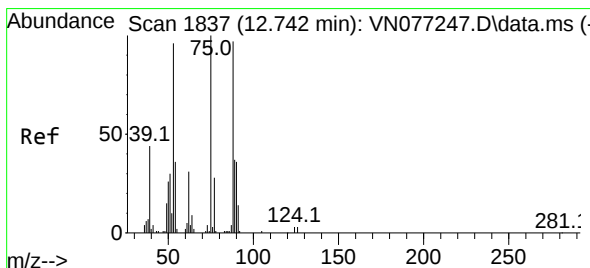
Manual Integrations
APPROVED

Reviewed By :John
Carlone

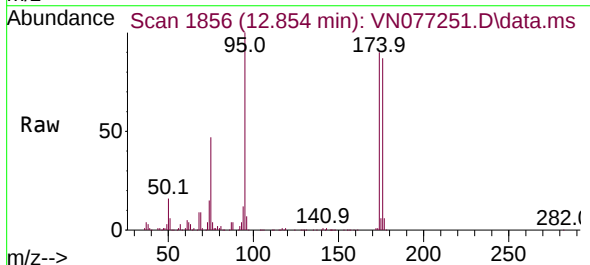


04/03/2023
Supervised By :Mahesh
Dadoda

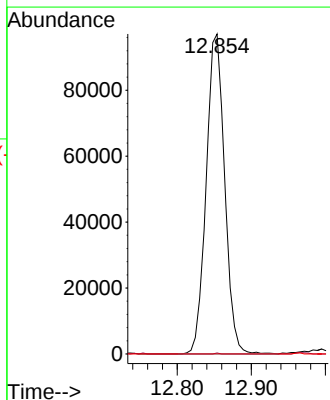
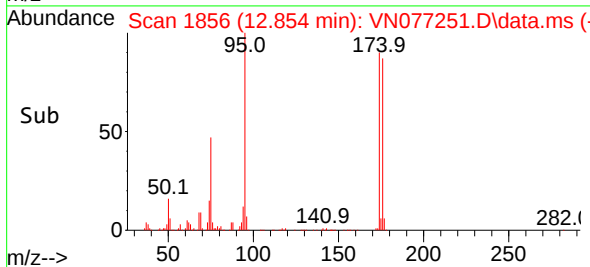
04/03/2023

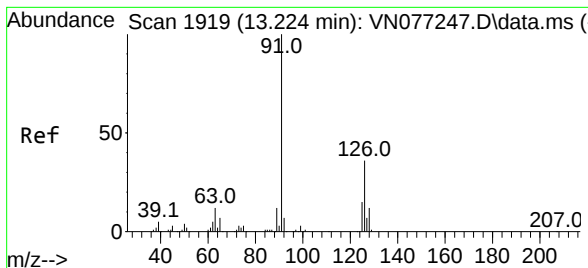


#81
trans-1,4-Dichloro-2-butene
Concen: 62.473 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09



Tgt Ion: 75 Resp: 167870
Ion Ratio Lower Upper
75 100
53 0.1 74.1 111.1#
89 0.0 36.3 54.5#





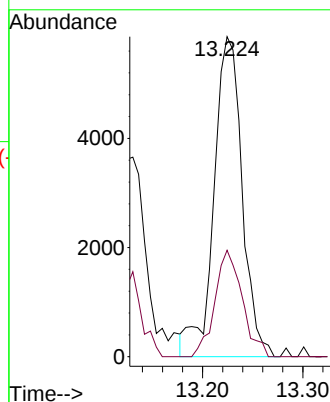
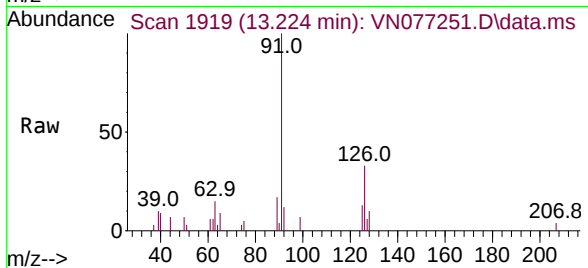
#82
4-Chlorotoluene
Concen: 0.672 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 1147
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.8

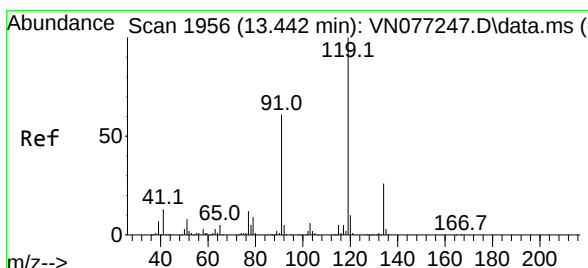
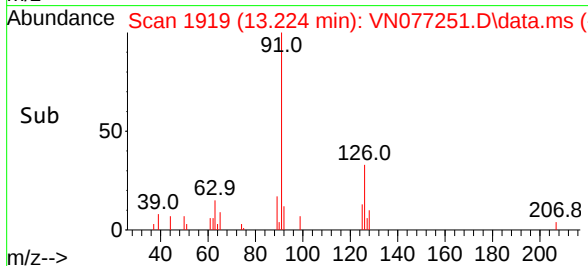
Manual Integrations
APPROVED

Reviewed By :John
Carlone



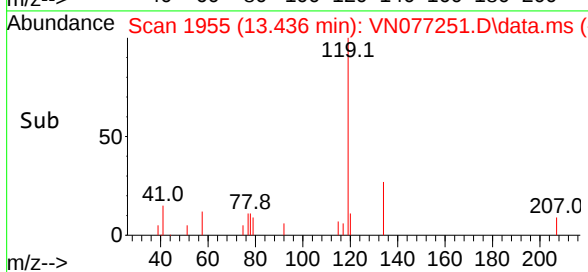
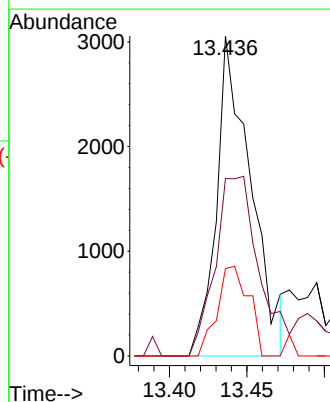
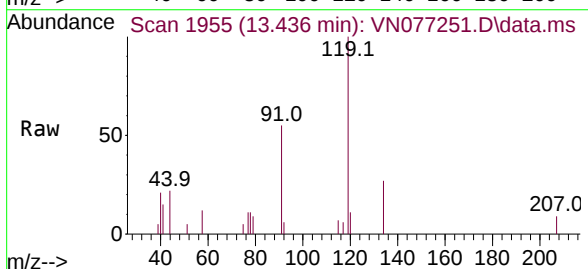
04/03/2023
Supervised By :Mahesh
Dadoda

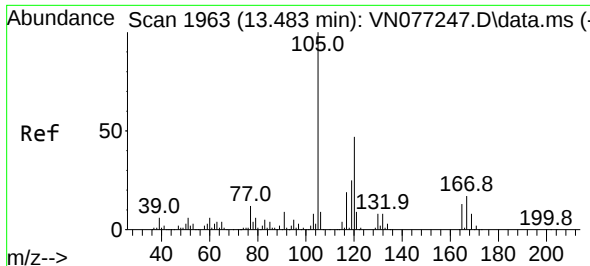
04/03/2023



#83
tert-Butylbenzene
Concen: 0.250 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:119 Resp: 4698
Ion Ratio Lower Upper
119 100
91 71.7 31.4 94.0
134 25.7 13.7 41.0





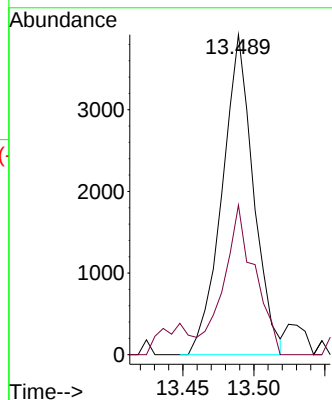
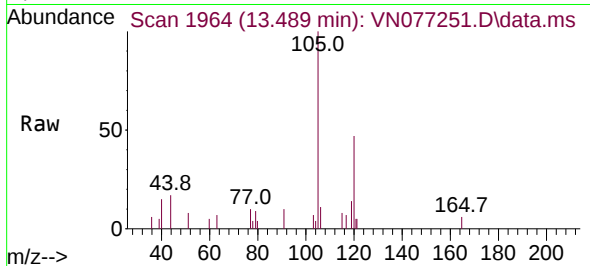
#84
1,2,4-Trimethylbenzene
Concen: 0.300 ug/l
RT: 13.489 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 6029
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.0

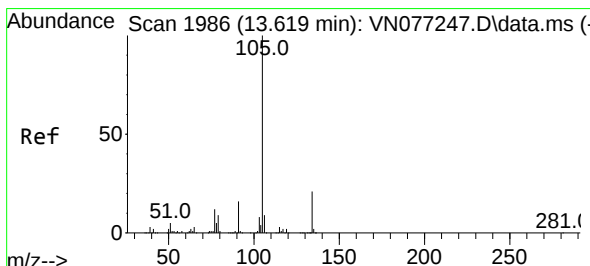
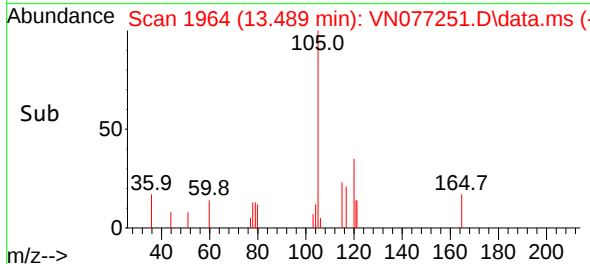
Manual Integrations
APPROVED

Reviewed By :John
Carlone



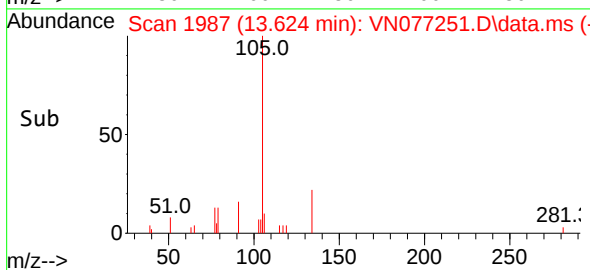
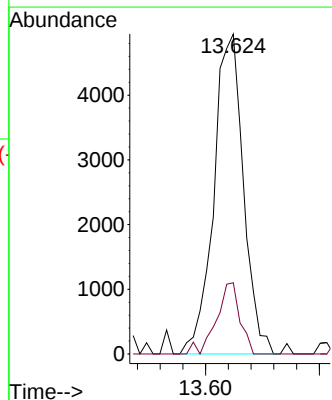
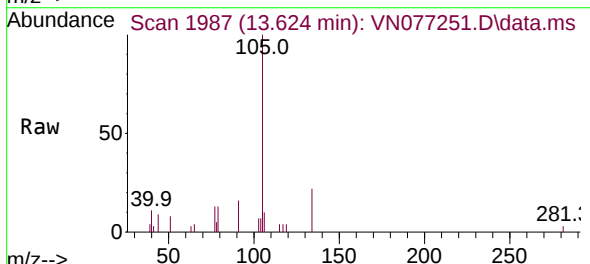
04/03/2023
Supervised By :Mahesh
Dadoda

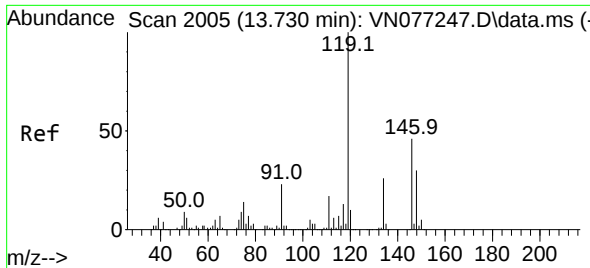
04/03/2023



#85
sec-Butylbenzene
Concen: 0.354 ug/l
RT: 13.624 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:105 Resp: 8963
Ion Ratio Lower Upper
105 100
134 17.6 10.4 31.2





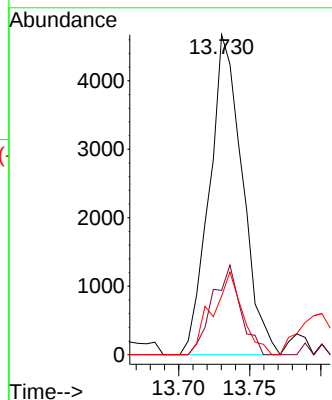
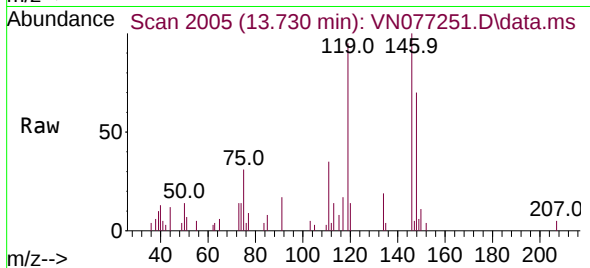
#86
p-Isopropyltoluene
Concen: 0.364 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 7534
Ion Ratio Lower Upper
119 100
134 24.0 13.5 40.4
91 23.7 10.9 32.6

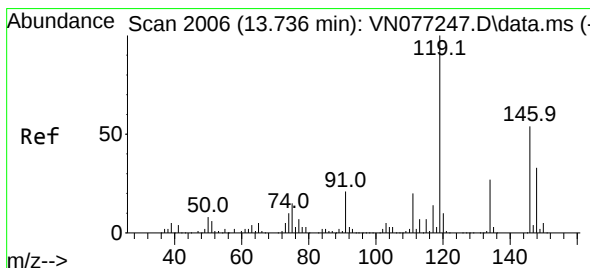
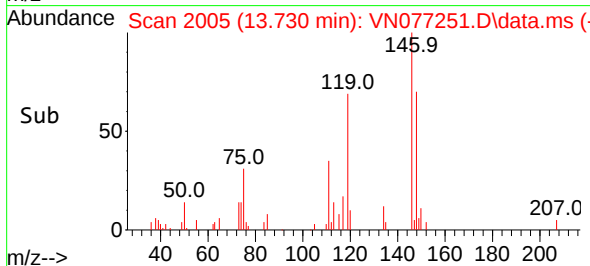
Manual Integrations
APPROVED

Reviewed By :John
Carlone



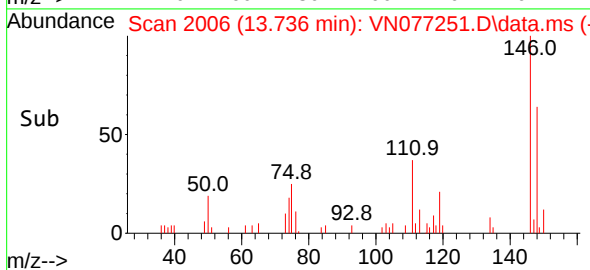
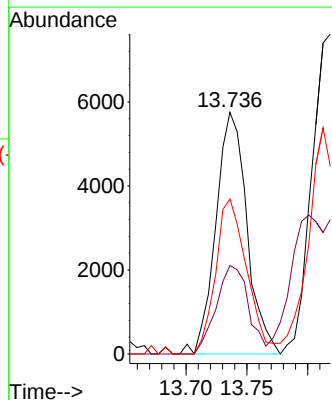
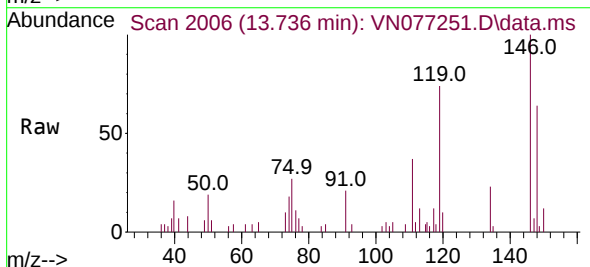
04/03/2023
Supervised By :Mahesh
Dadoda

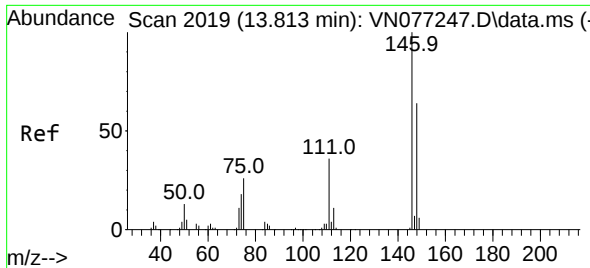
04/03/2023



#87
1,3-Dichlorobenzene
Concen: 0.848 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:146 Resp: 10214
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 64.1 31.9 95.9





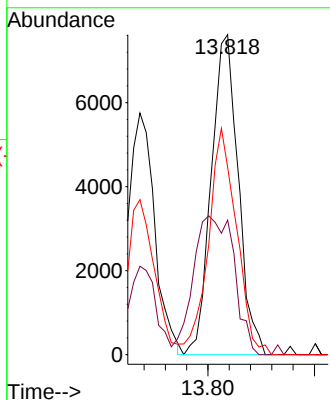
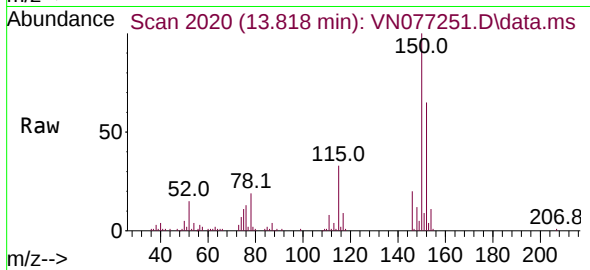
#88
1,4-Dichlorobenzene
Concen: 1.127 ug/l m
RT: 13.818 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 1339
Ion Ratio Lower Upper
146 100
111 0.0 18.6 56.0
148 0.0 31.9 95.5

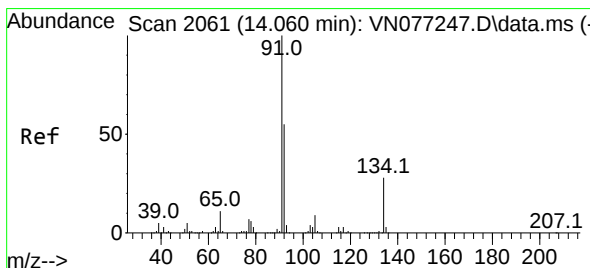
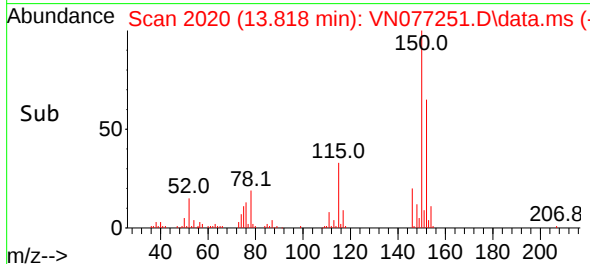
Manual Integrations
APPROVED

Reviewed By :John
Carlone



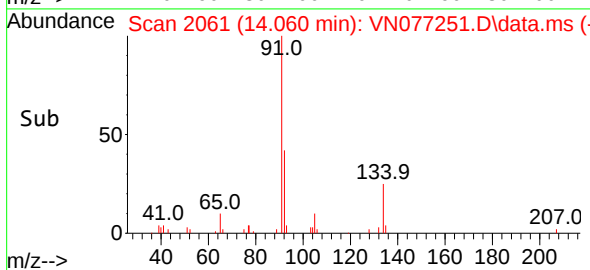
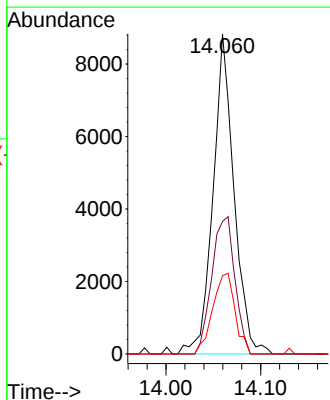
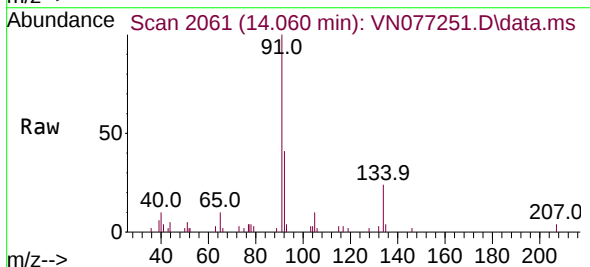
04/03/2023
Supervised By :Mahesh
Dadoda

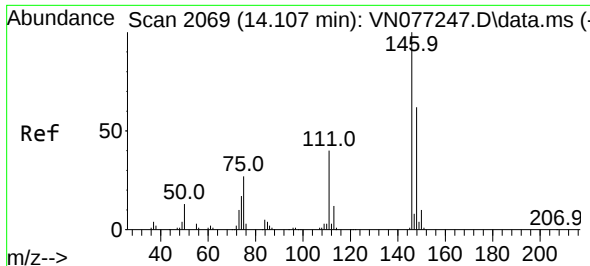
04/03/2023



#89
n-Butylbenzene
Concen: 0.821 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion: 91 Resp: 13589
Ion Ratio Lower Upper
91 100
92 47.1 27.0 80.8
134 26.8 13.6 40.7





#91

1,2-Dichlorobenzene

Concen: 0.759 ug/l

RT: 14.113 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

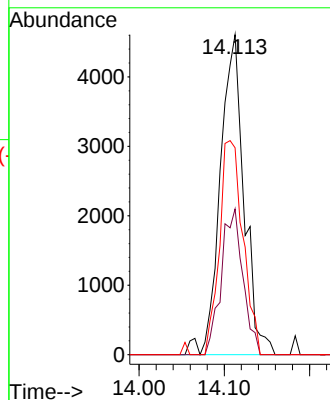
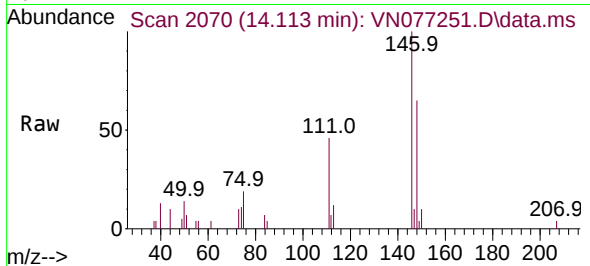
IBLK

Tgt Ion:146	Resp:	8978
Ion Ratio	Lower	Upper
146	100	
111	41.2	19.6 58.7
148	65.8	31.8 95.4

Manual Integrations

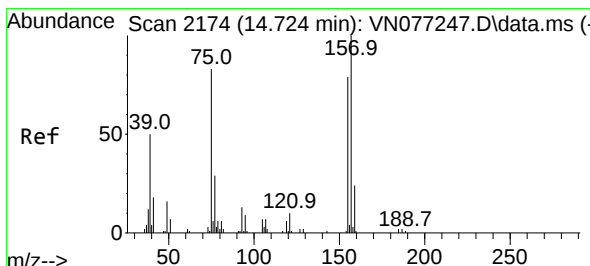
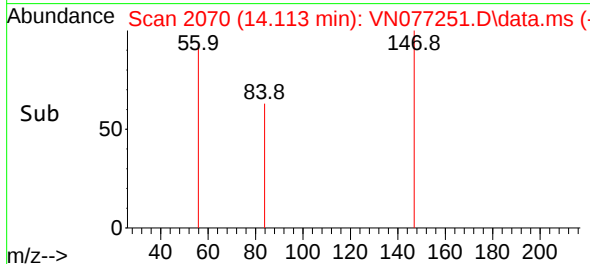
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.038 ug/l

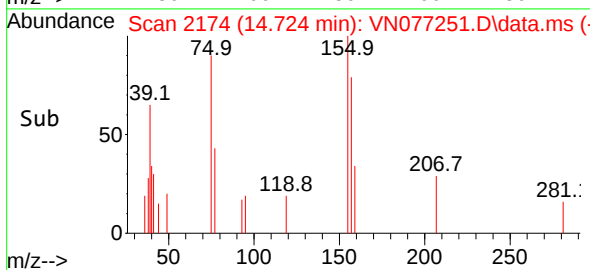
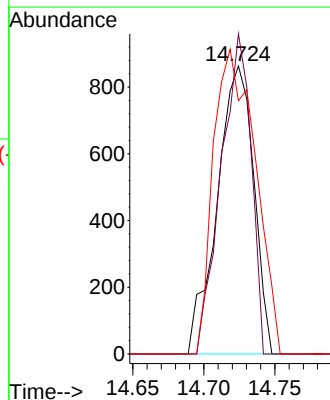
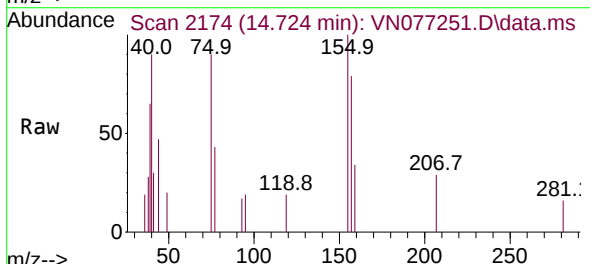
RT: 14.724 min Scan# 2174

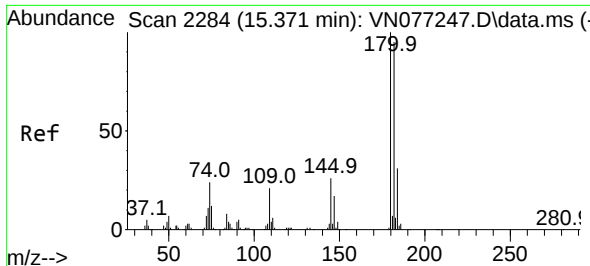
Delta R.T. 0.000 min

Lab File: VN077251.D

Acq: 31 Mar 2023 13:09

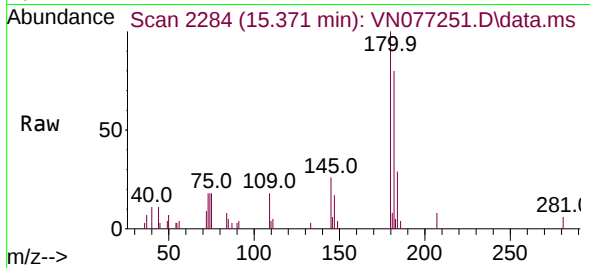
Tgt Ion: 75	Resp:	1546
Ion Ratio	Lower	Upper
75	100	
155	91.2	48.1 144.3
157	120.8	62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 4.613 ug/l
RT: 15.371 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

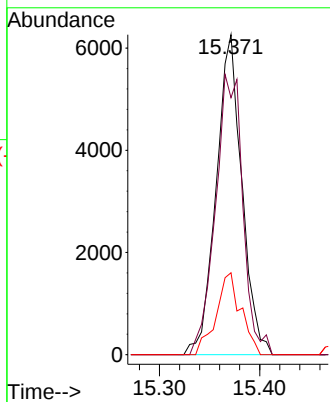
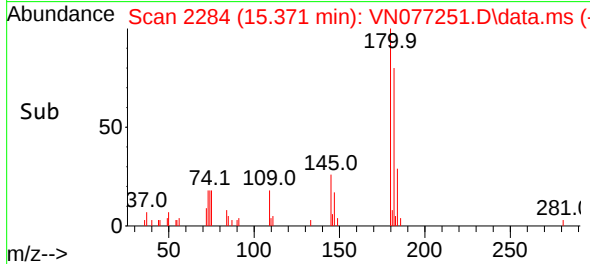
Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:180 Resp: 1114
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.8
145 24.6 13.9 41.6

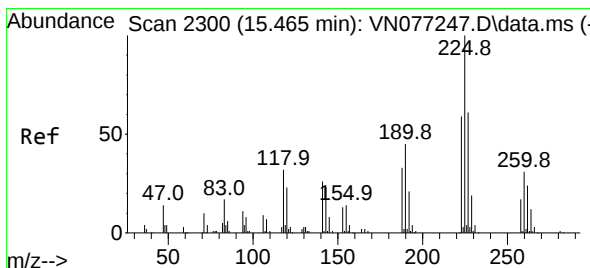
Manual Integrations
APPROVED

Reviewed By :John
Carlone

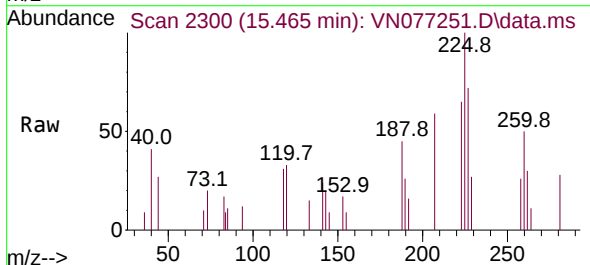


04/03/2023
Supervised By :Mahesh
Dadoda

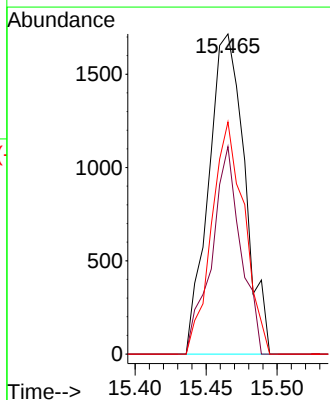
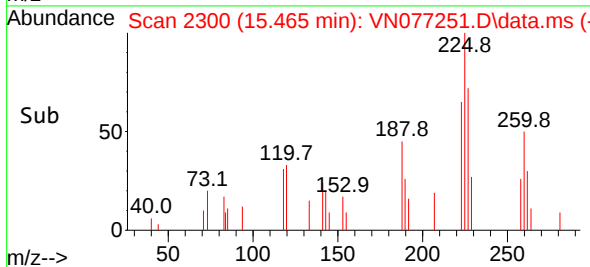
04/03/2023

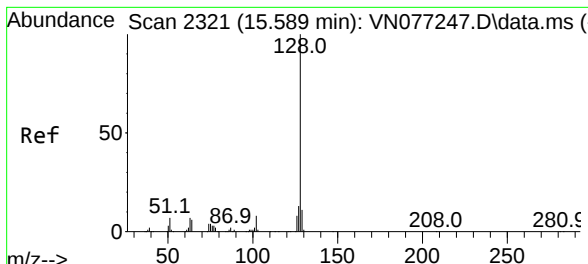


#94
Hexachlorobutadiene
Concen: 0.771 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09



Tgt Ion:225 Resp: 3036
Ion Ratio Lower Upper
225 100
223 52.3 31.1 93.2
227 65.8 32.3 96.8





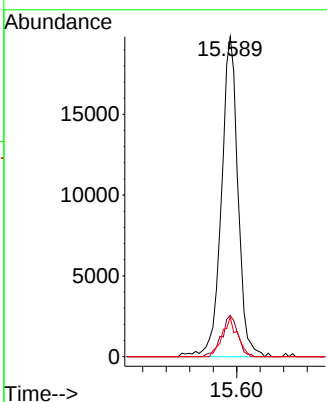
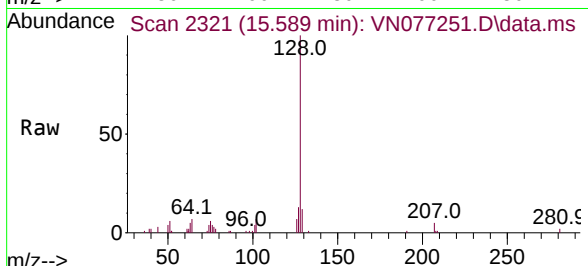
#95
Naphthalene
Concen: 5.358 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Instrument : MSVOA_N
ClientSampleId : IBLK

Tgt Ion:	128	Resp:	3868
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	11.3	8.6	12.8

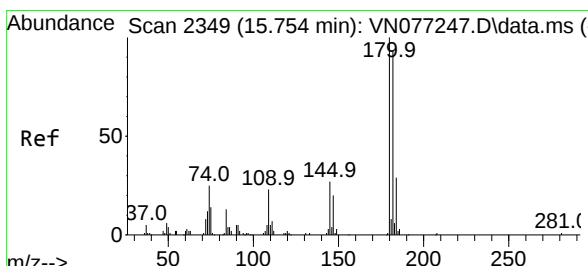
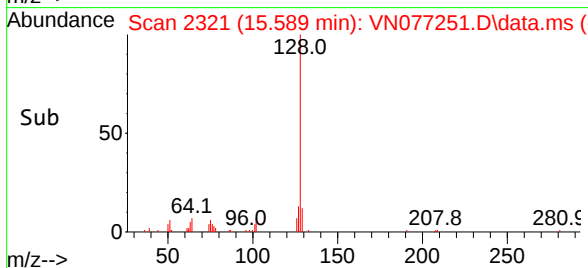
Manual Integrations
APPROVED

Reviewed By :John
Carlone



04/03/2023
Supervised By :Mahesh
Dadoda

04/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.940 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077251.D
Acq: 31 Mar 2023 13:09

Tgt Ion:	180	Resp:	14124
Ion Ratio	Lower	Upper	
180	100		
182	91.5	47.9	143.8
145	28.6	14.8	44.3

