

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080357.D
 Acq On : 05 Dec 2023 11:27
 Operator : JC\MD
 Sample : VN1205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 00:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	230401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	182704	48.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.060%		
35) Dibromofluoromethane	8.165	113	134732	51.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.720%		
50) Toluene-d8	10.570	98	467988	49.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.980%		
62) 4-Bromofluorobenzene	12.847	95	176690	49.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63177	18.408	ug/l	98
3) Chloromethane	2.365	50	43214	16.748	ug/l	93
4) Vinyl Chloride	2.518	62	49840	18.252	ug/l	95
5) Bromomethane	2.959	94	34410	18.563	ug/l	94
6) Chloroethane	3.124	64	32940	18.409	ug/l	97
7) Trichlorofluoromethane	3.500	101	110834	19.458	ug/l	100
8) Diethyl Ether	3.959	74	28370	17.125	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	48861	18.767	ug/l	95
10) Methyl Iodide	4.594	142	52527	18.668	ug/l #	82
11) Tert butyl alcohol	5.512	59	37542	89.738	ug/l	98
12) 1,1-Dichloroethene	4.336	96	46583	19.129	ug/l	92
13) Acrolein	4.177	56	28148	76.027	ug/l	93
14) Allyl chloride	5.030	41	51381	16.770	ug/l	89
15) Acrylonitrile	5.712	53	95382	84.929	ug/l	99
16) Acetone	4.424	43	93841	73.441	ug/l	91
17) Carbon Disulfide	4.718	76	122352	16.827	ug/l	98
18) Methyl Acetate	5.024	43	67576	16.460	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	162944	18.947	ug/l	98
20) Methylene Chloride	5.277	84	52828	19.743	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	51471	19.240	ug/l	88
22) Diisopropyl ether	6.665	45	127109	18.752	ug/l	94
23) Vinyl Acetate	6.600	43	351206	86.182	ug/l	95
24) 1,1-Dichloroethane	6.565	63	90814	18.394	ug/l	98
25) 2-Butanone	7.482	43	117316	77.276	ug/l	93
26) 2,2-Dichloropropane	7.488	77	93453	19.079	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	56898	18.759	ug/l	86
28) Bromochloromethane	7.812	49	32855	16.928	ug/l	97
29) Tetrahydrofuran	7.841	42	69624	85.423	ug/l	96
30) Chloroform	7.965	83	111647	20.233	ug/l	94
31) Cyclohexane	8.259	56	68009	16.438	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	107377	19.953	ug/l	96
36) 1,1-Dichloropropene	8.371	75	72929	19.202	ug/l	97
37) Ethyl Acetate	7.559	43	45344	17.212	ug/l	98
38) Carbon Tetrachloride	8.365	117	98175	20.370	ug/l	98
39) Methylcyclohexane	9.606	83	65537	17.897	ug/l	93
40) Benzene	8.606	78	211088	19.556	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	25610	17.702	ug/l	94
42) 1,2-Dichloroethane	8.671	62	91732	20.772	ug/l	93
43) Isopropyl Acetate	8.688	43	85159	16.612	ug/l	99
44) Trichloroethene	9.353	130	55767	19.696	ug/l	100
45) 1,2-Dichloropropane	9.623	63	50027	19.943	ug/l	97
46) Dibromomethane	9.712	93	38842	20.456	ug/l	91
47) Bromodichloromethane	9.888	83	85680	20.513	ug/l	90
48) Methyl methacrylate	9.682	41	47679	18.048	ug/l	91
49) 1,4-Dioxane	9.694	88	15498	352.627	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	235120	88.588	ug/l	100
52) Toluene	10.629	92	137883	20.411	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83934	19.558	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88538	20.194	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	52609	20.405	ug/l	94
56) Ethyl methacrylate	10.876	69	50353	19.117	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	86658	19.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	120895	81.473	ug/l	98
59) 2-Hexanone	11.194	43	174465	81.805	ug/l	96
60) Dibromochloromethane	11.359	129	64824	21.001	ug/l	99
61) 1,2-Dibromoethane	11.470	107	50808	19.317	ug/l	98
64) Tetrachloroethene	11.106	164	53448	22.031	ug/l	96
65) Chlorobenzene	11.894	112	143522	19.925	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	57867	20.701	ug/l	94
67) Ethyl Benzene	11.964	91	253683	19.792	ug/l	100
68) m/p-Xylenes	12.070	106	191879	41.057	ug/l	87
69) o-Xylene	12.400	106	93959	21.333	ug/l	93
70) Styrene	12.412	104	136085	20.759	ug/l	94
71) Bromoform	12.582	173	44080	21.264	ug/l #	98
73) Isopropylbenzene	12.700	105	242226	20.256	ug/l	98
74) N-amyl acetate	12.494	43	63394	16.999	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67388	18.828	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72586m	19.251	ug/l	
77) Bromobenzene	12.982	156	59730	19.811	ug/l	94
78) n-propylbenzene	13.035	91	264128	19.752	ug/l	99
79) 2-Chlorotoluene	13.123	91	174742	20.120	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	210764	20.247	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	20562	18.424	ug/l	89
82) 4-Chlorotoluene	13.223	91	175410	19.714	ug/l	96
83) tert-Butylbenzene	13.441	119	163164	19.546	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	211207	20.605	ug/l	97
85) sec-Butylbenzene	13.617	105	203900	19.308	ug/l	99
86) p-Isopropyltoluene	13.729	119	187620	19.889	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	103221	19.002	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	103608	18.980	ug/l	95
89) n-Butylbenzene	14.058	91	146114	18.505	ug/l	97
90) Hexachloroethane	14.335	117	34529	18.775	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	102173	19.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14681	17.659	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	49655	16.424	ug/l	97
94) Hexachlorobutadiene	15.505	225	30040	17.266	ug/l	99
95) Naphthalene	15.641	128	132145	15.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	46712	16.484	ug/l	94

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

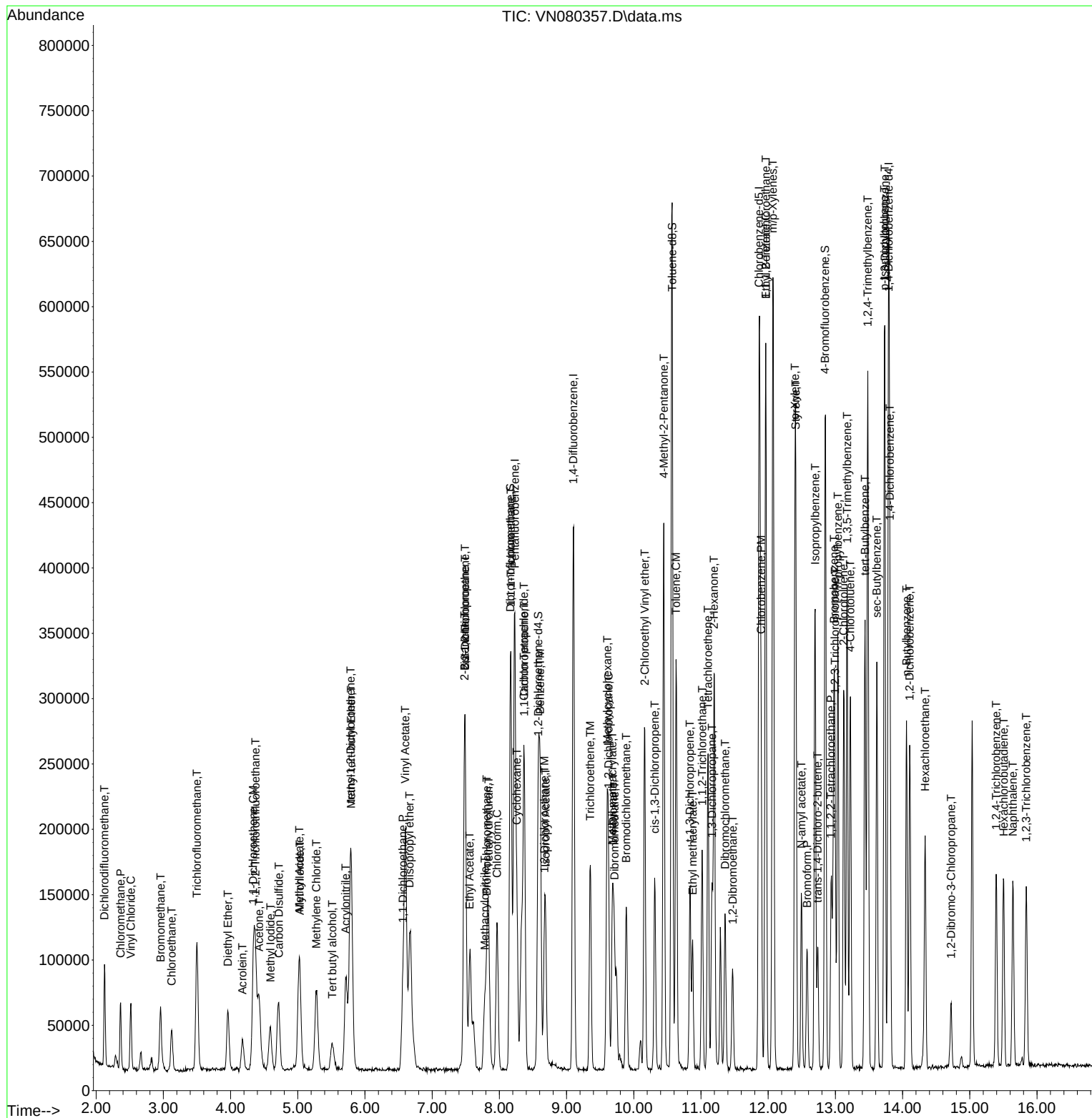
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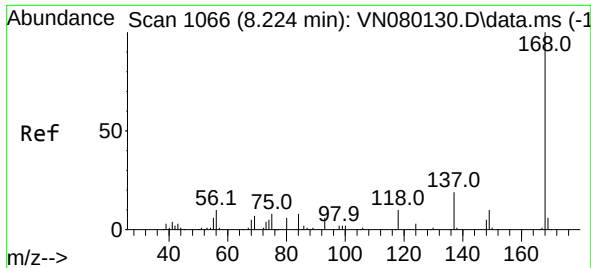
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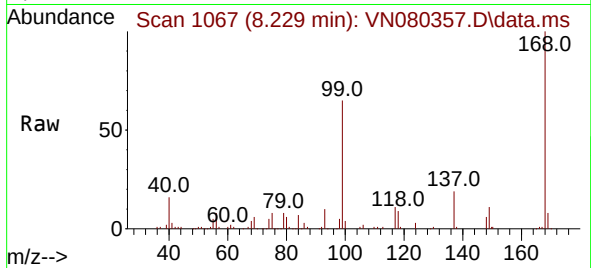
Reviewed By :John Carlone 12/06/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080357.D
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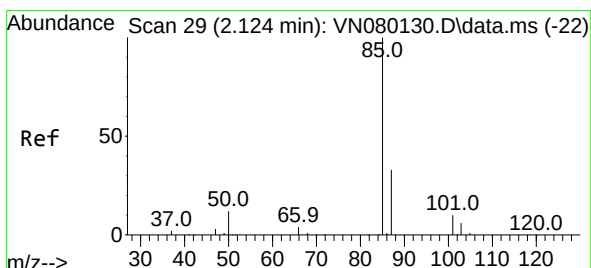
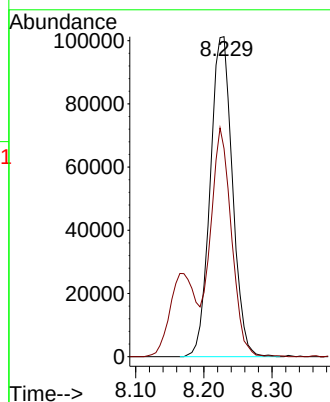
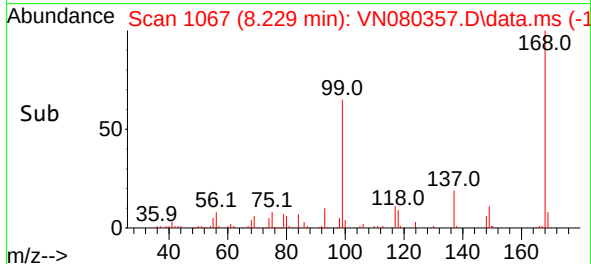
Instrument :
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Tgt Ion:168 Resp: 23040
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

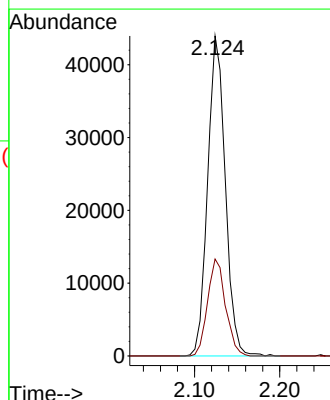
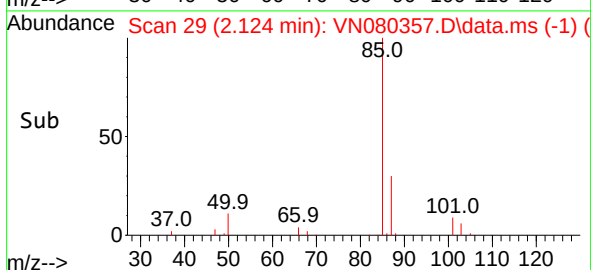
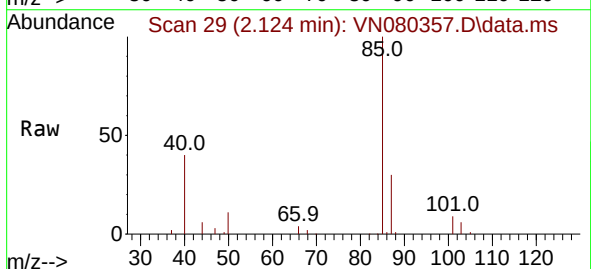
Manual Integrations
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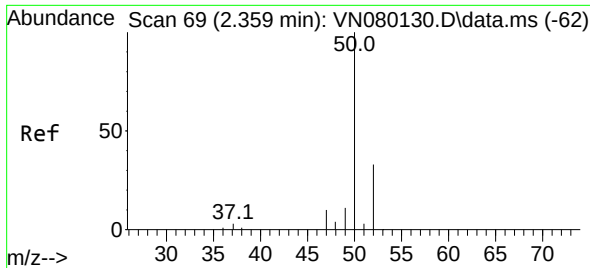
Reviewed By :John Carlone 12/06/2023
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#2
Dichlorodifluoromethane
Concen: 18.408 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 85 Resp: 63177
Ion Ratio Lower Upper
85 100
87 30.3 15.8 47.4





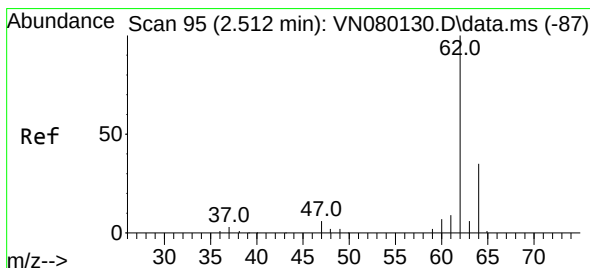
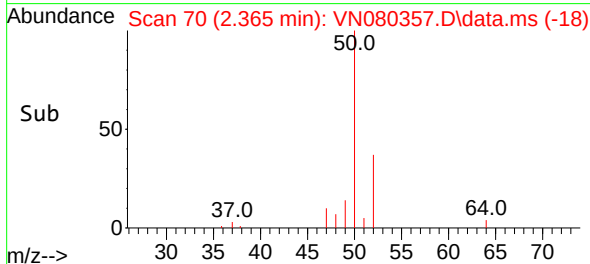
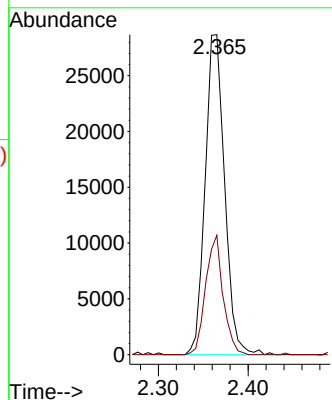
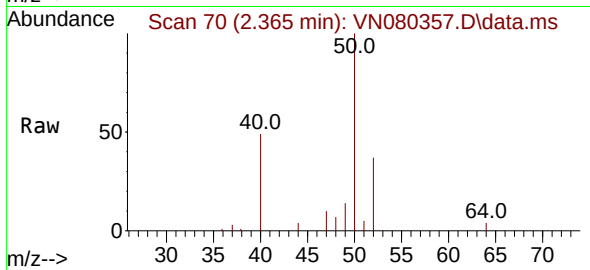
#3
Chloromethane
Concen: 16.748 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 43214
Ion Ratio Lower Upper
50 100
52 37.3 26.5 39.7

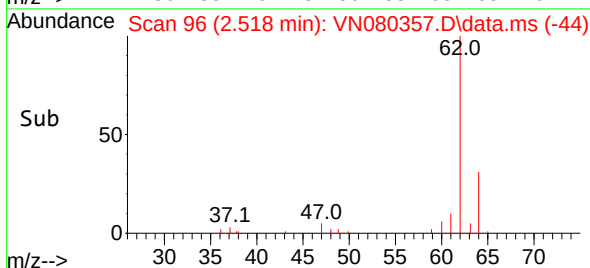
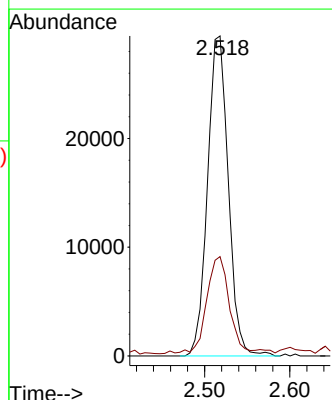
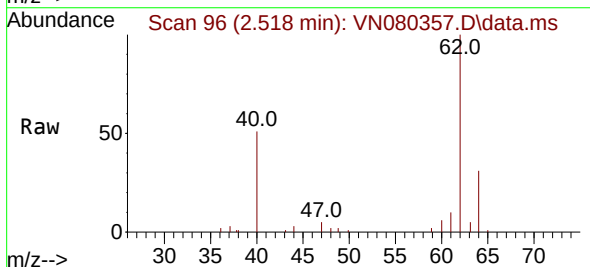
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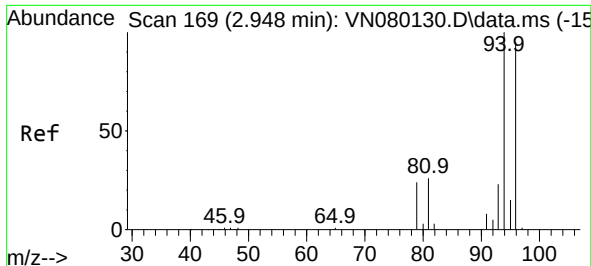
Reviewed By :John Carlone 12/06/2023
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#4
Vinyl Chloride
Concen: 18.252 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 62 Resp: 49840
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





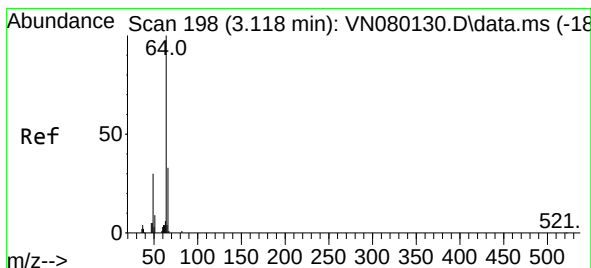
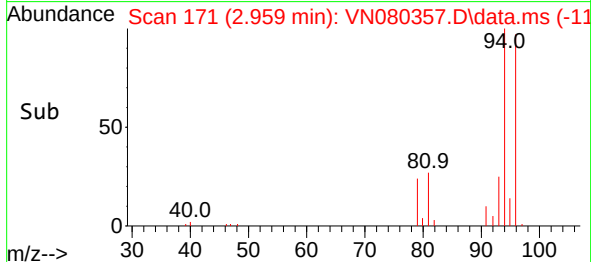
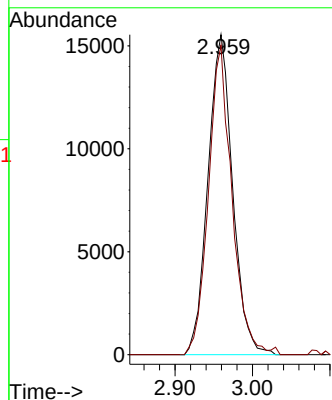
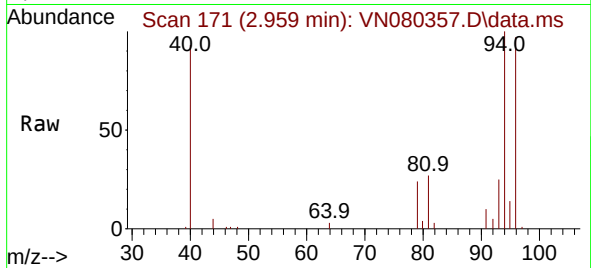
#5
Bromomethane
Concen: 18.563 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
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Tgt Ion: 94 Resp: 34410
Ion Ratio Lower Upper
94 100
96 96.7 73.1 109.7

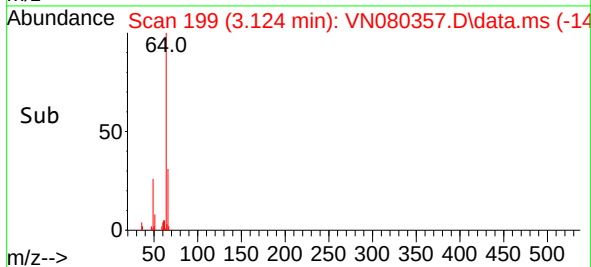
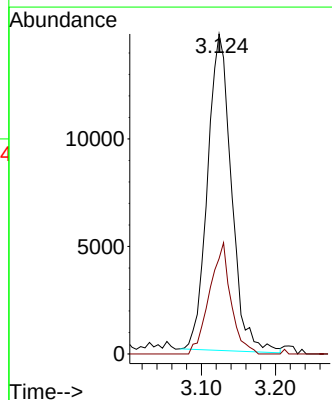
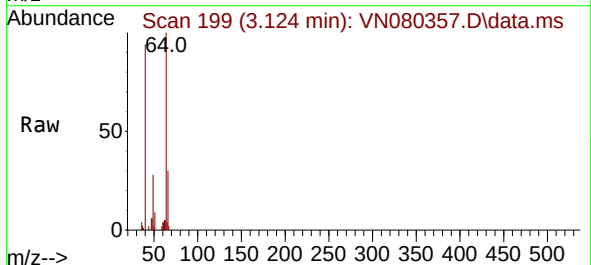
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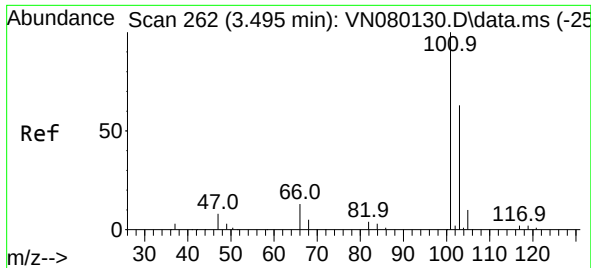
Reviewed By :John Carlone 12/06/2023
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#6
Chloroethane
Concen: 18.409 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 64 Resp: 32940
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





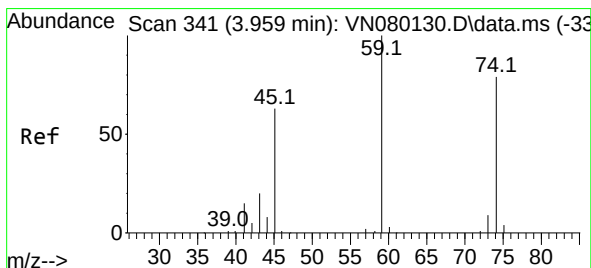
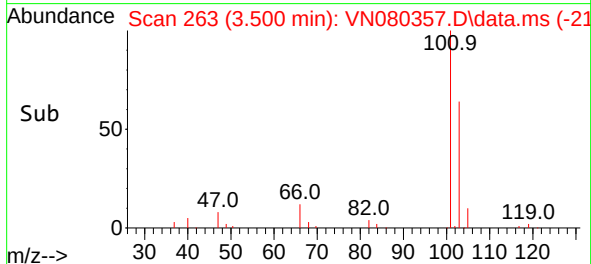
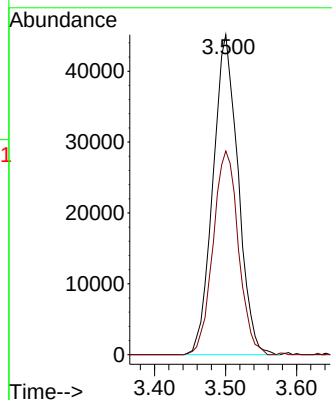
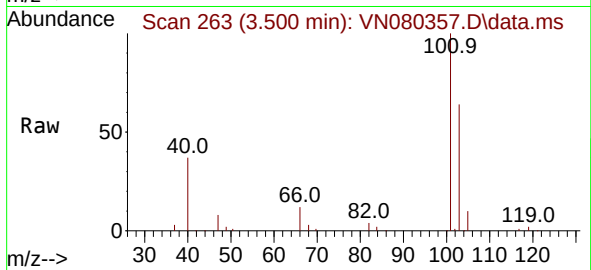
#7
Trichlorofluoromethane
Concen: 19.458 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 110834
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1

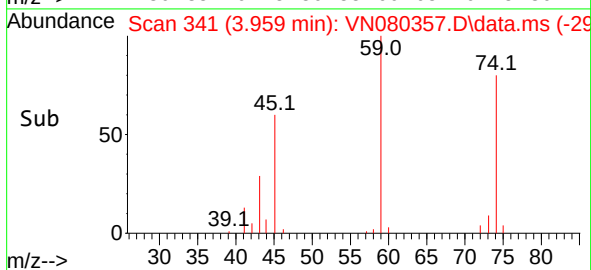
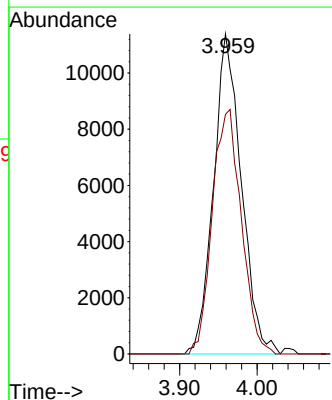
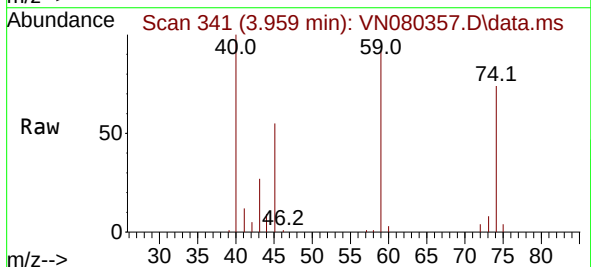
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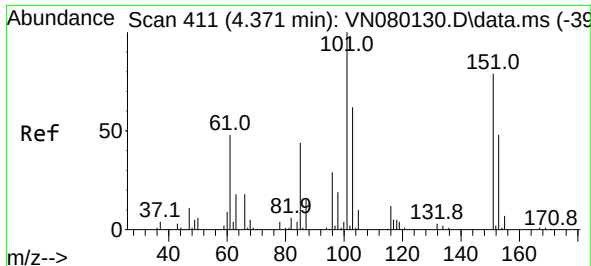
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#8
Diethyl Ether
Concen: 17.125 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 74 Resp: 28370
Ion Ratio Lower Upper
74 100
45 79.9 34.4 103.3





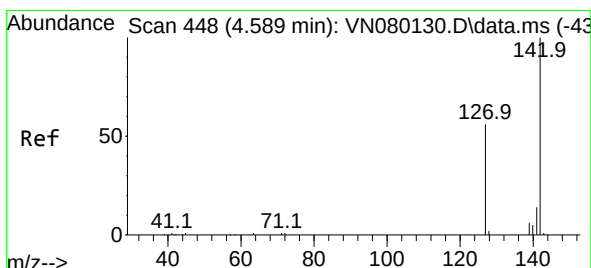
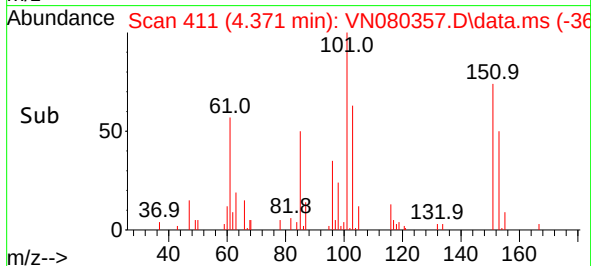
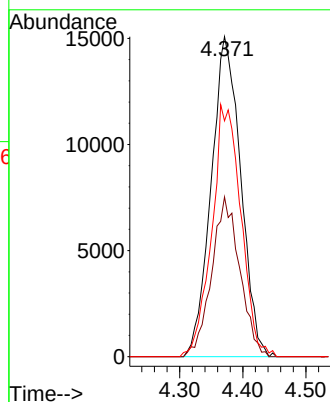
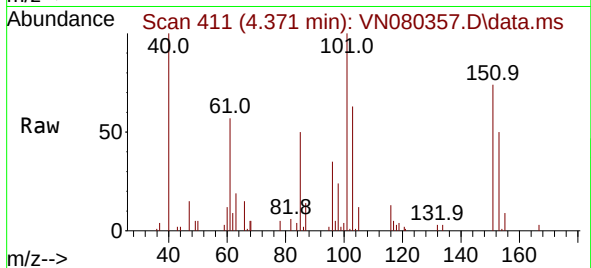
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.767 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion:101 Resp: 4886
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 77.8 57.6 86.4

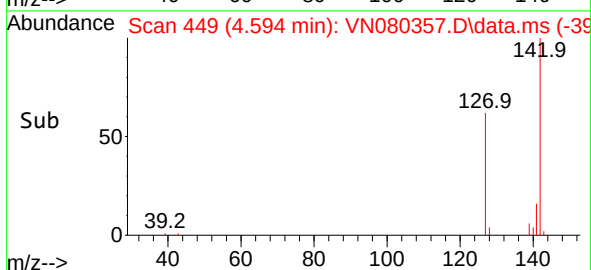
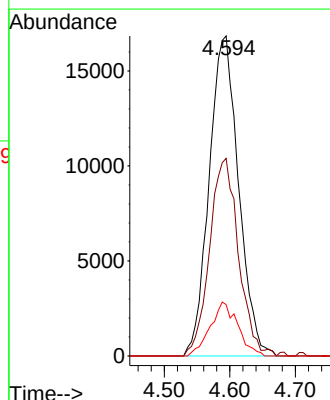
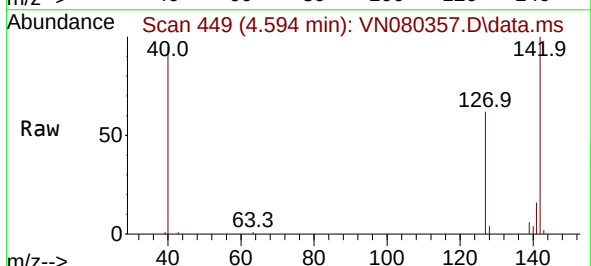
Manual Integrations
APPROVED

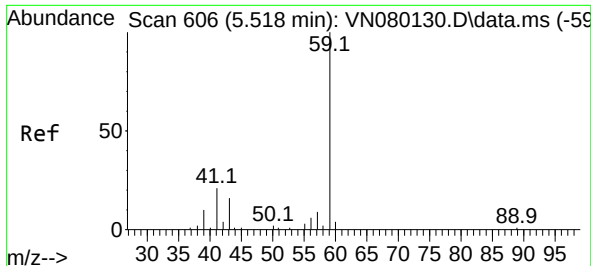
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#10
Methyl Iodide
Concen: 18.668 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

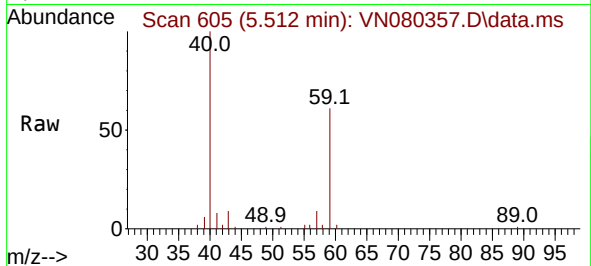
Tgt Ion:142 Resp: 52527
Ion Ratio Lower Upper
142 100
127 61.8 37.6 56.4#
141 16.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 89.738 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

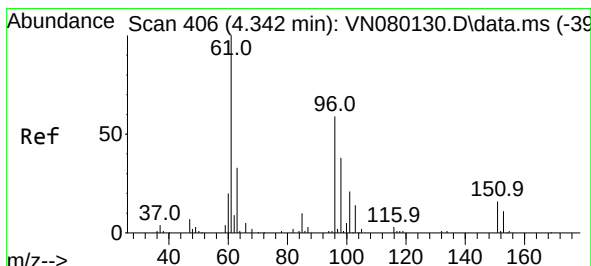
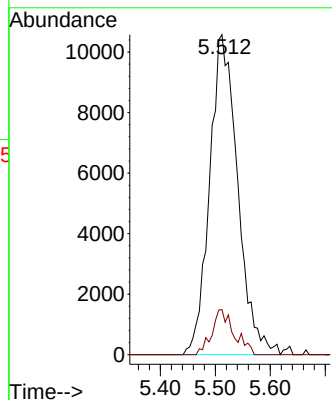
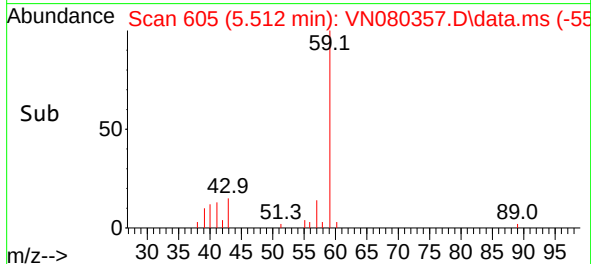
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 59 Resp: 3754
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

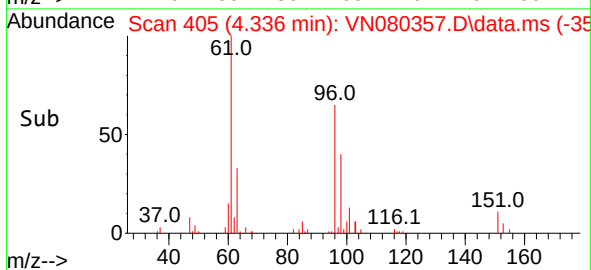
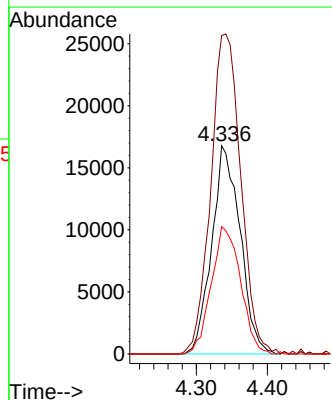
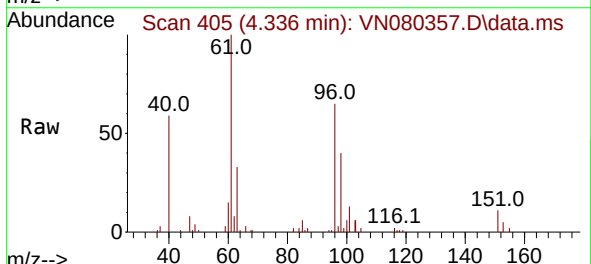
Manual Integrations
APPROVED

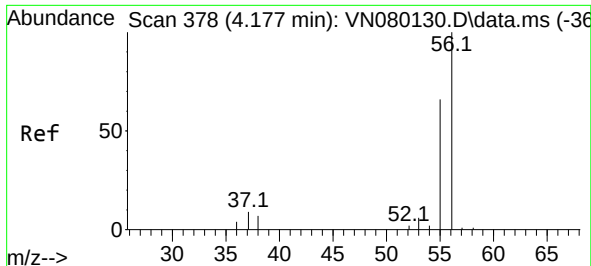
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#12
1,1-Dichloroethene
Concen: 19.129 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 96 Resp: 46583
Ion Ratio Lower Upper
96 100
61 153.0 112.7 169.1
98 61.2 51.2 76.8





#13

Acrolein

Concen: 76.027 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 56 Resp: 2814

Ion Ratio Lower Upper

56 100

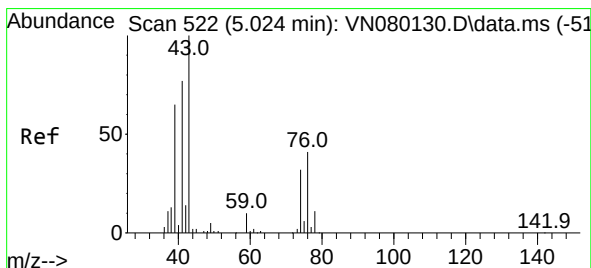
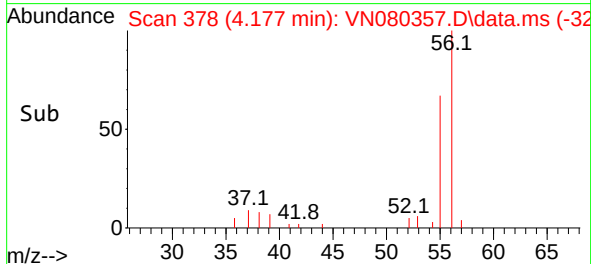
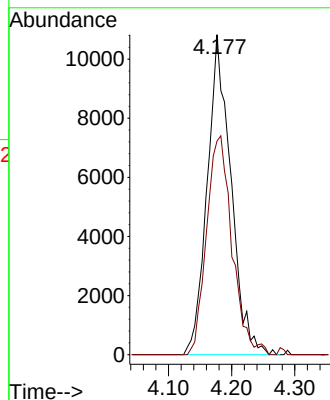
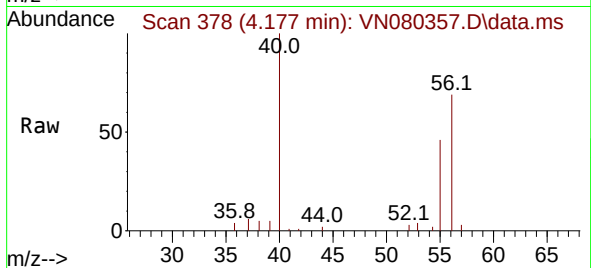
55 73.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#14

Allyl chloride

Concen: 16.770 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

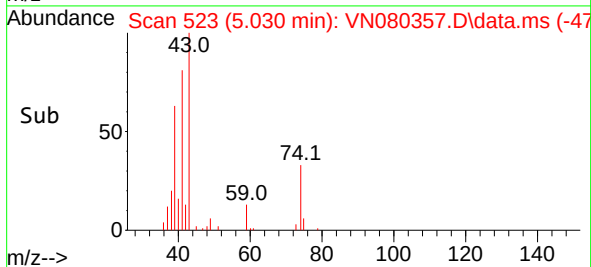
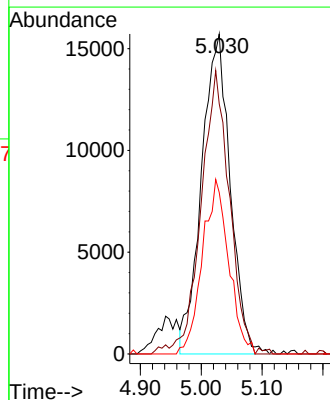
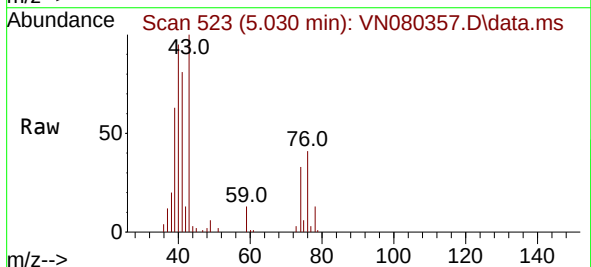
Tgt Ion: 41 Resp: 51381

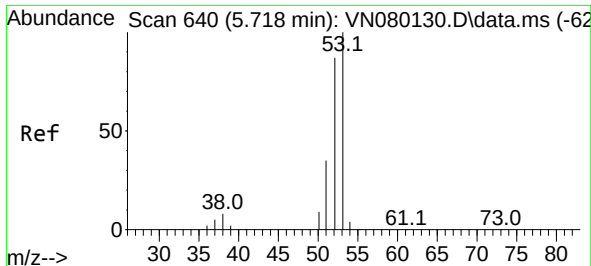
Ion Ratio Lower Upper

41 100

39 87.8 58.8 88.2

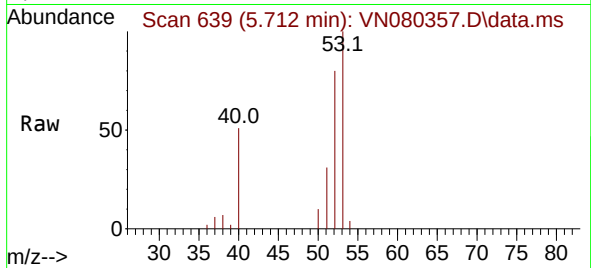
76 50.0 39.1 58.7





#15
Acrylonitrile
Concen: 84.929 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

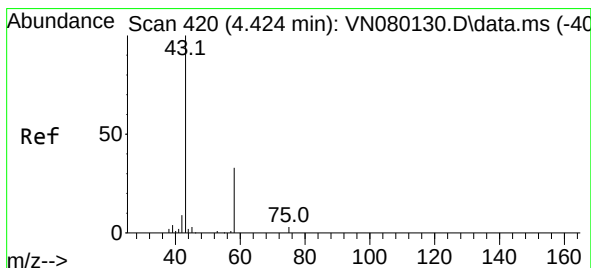
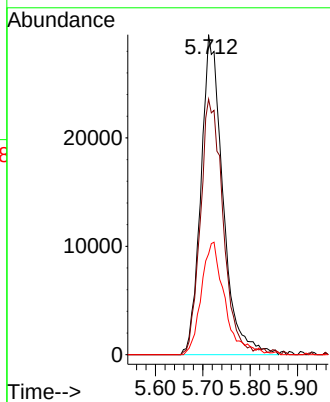
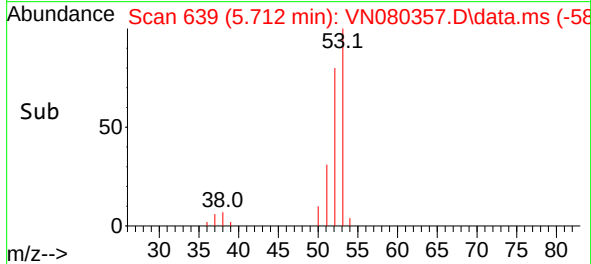
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 53 Resp: 9538
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 37.6 28.9 43.3

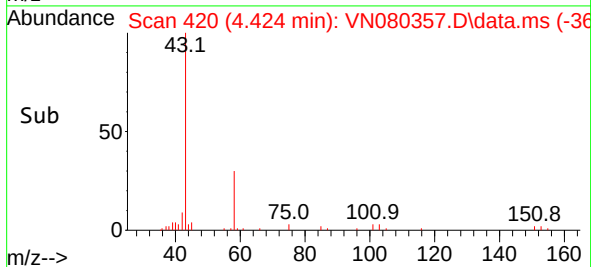
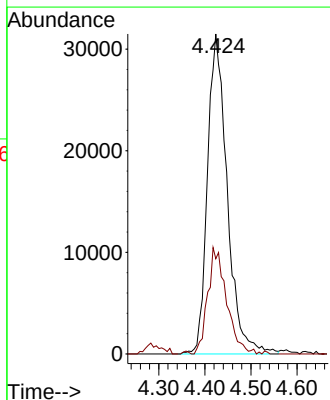
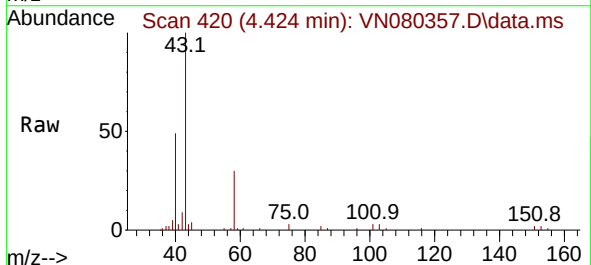
Manual Integrations
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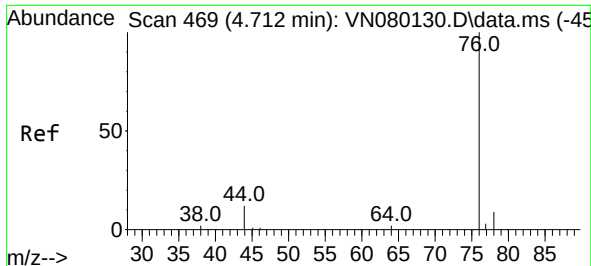
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#16
Acetone
Concen: 73.441 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 43 Resp: 93841
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0





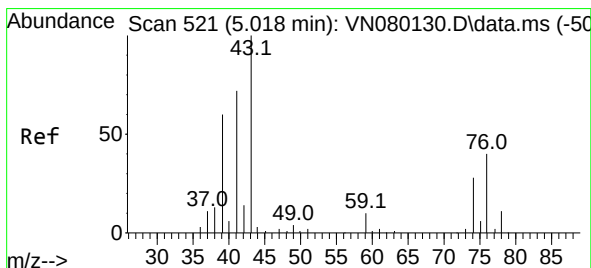
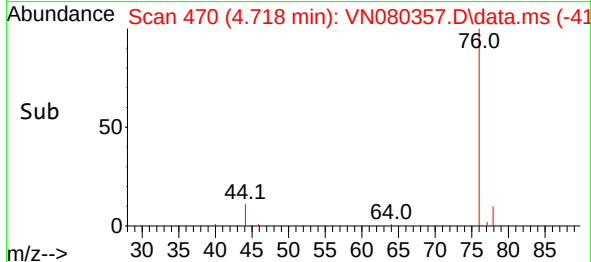
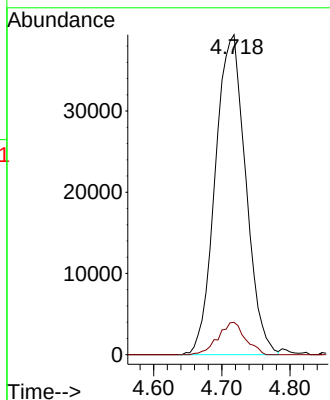
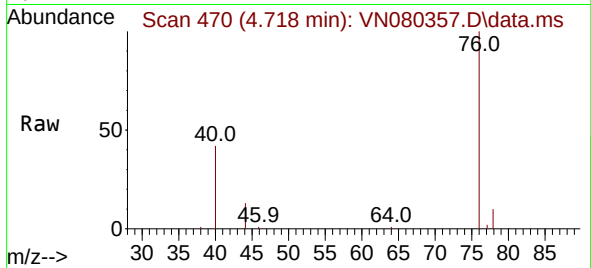
#17
Carbon Disulfide
Concen: 16.827 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion: 76 Resp: 12235
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

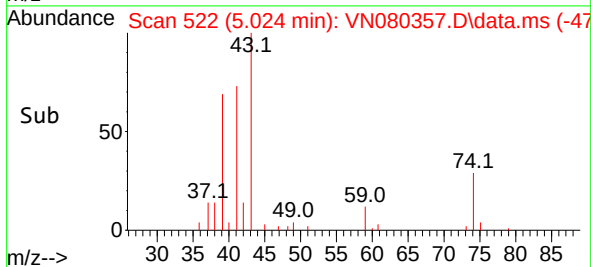
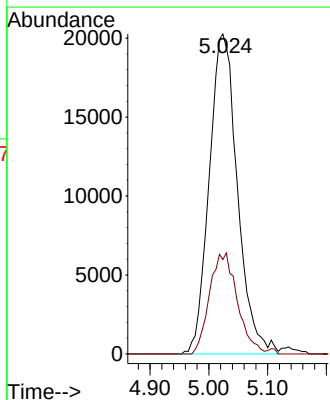
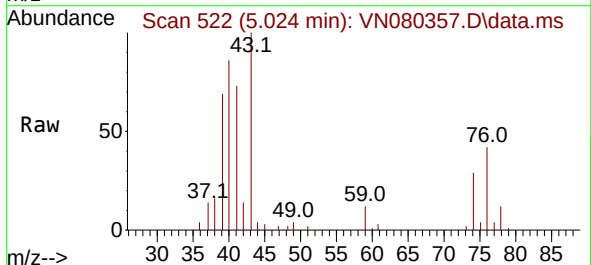
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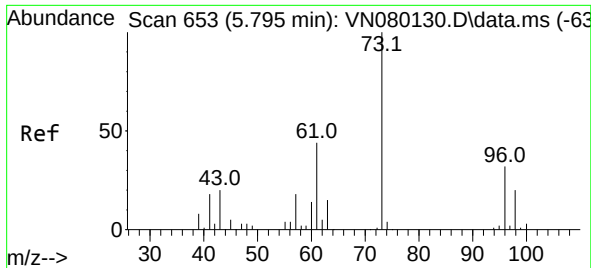
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#18
Methyl Acetate
Concen: 16.460 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 43 Resp: 67576
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





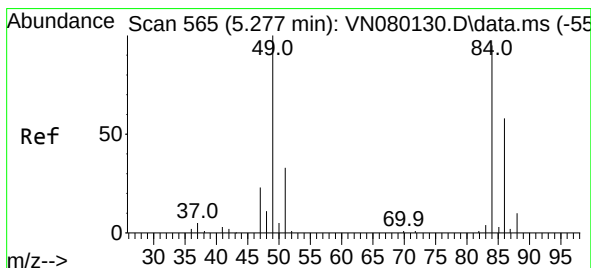
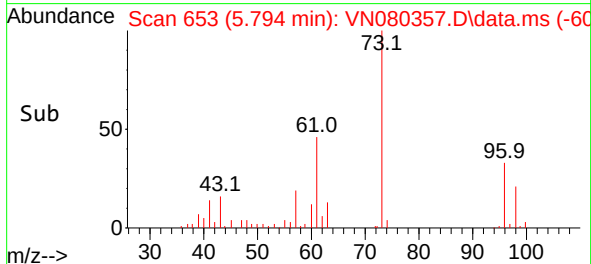
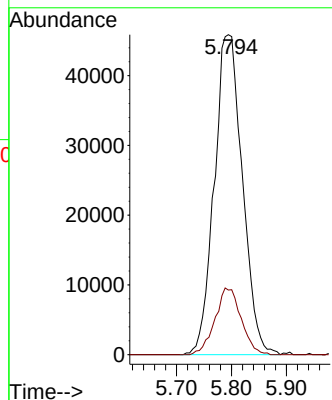
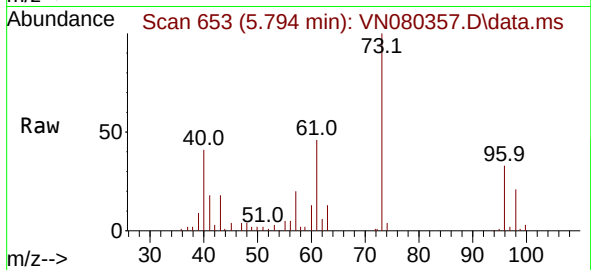
#19
Methyl tert-butyl Ether
Concen: 18.947 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion: 73 Resp: 162944
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

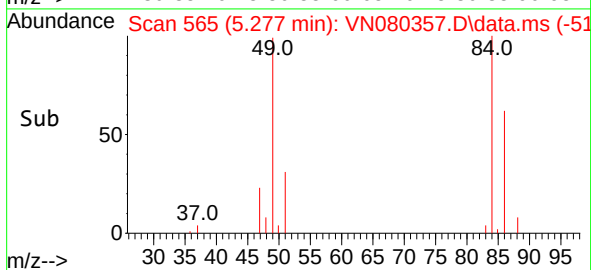
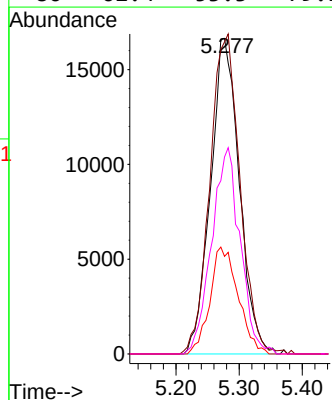
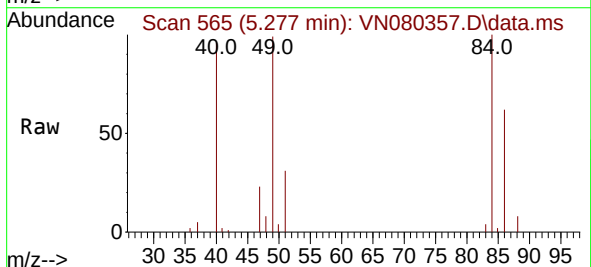
Manual Integrations
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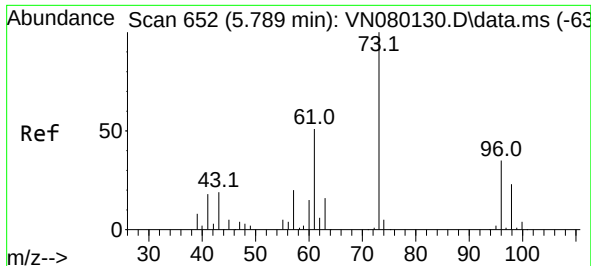
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#20
Methylene Chloride
Concen: 19.743 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

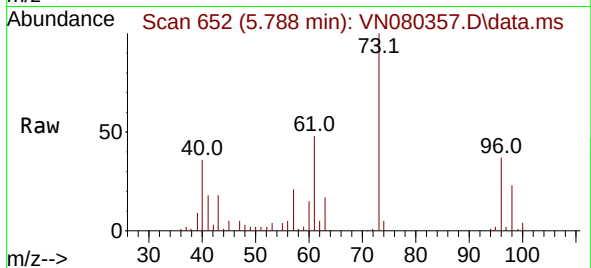
Tgt Ion: 84 Resp: 52828
Ion Ratio Lower Upper
84 100
49 98.9 79.7 119.5
51 30.9 25.2 37.8
86 62.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.240 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

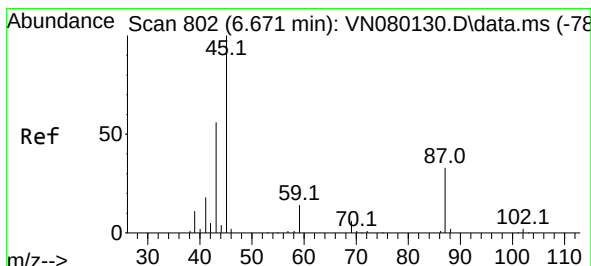
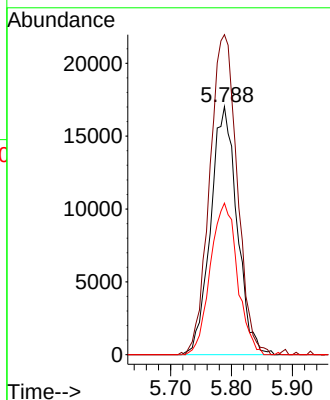
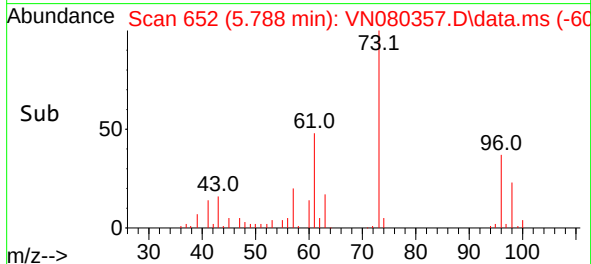
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



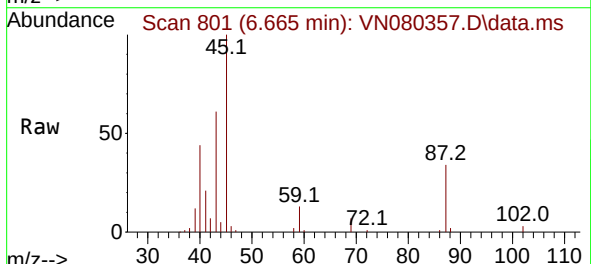
Tgt Ion: 96 Resp: 5147
Ion Ratio Lower Upper
96 100
61 129.0 90.1 135.1
98 61.1 46.4 69.6

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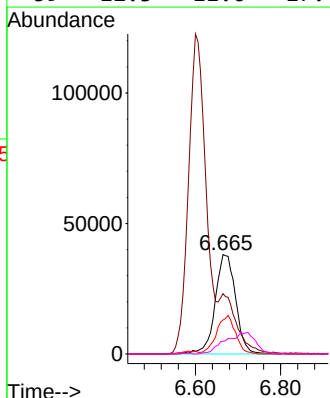
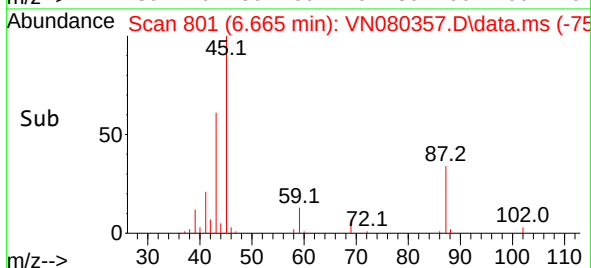
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

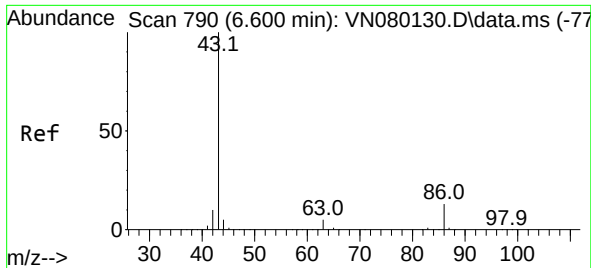


#22
Diisopropyl ether
Concen: 18.752 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion: 45 Resp: 127109
Ion Ratio Lower Upper
45 100
43 59.8 45.5 68.3
87 34.2 31.8 47.8
59 12.3 11.6 17.4





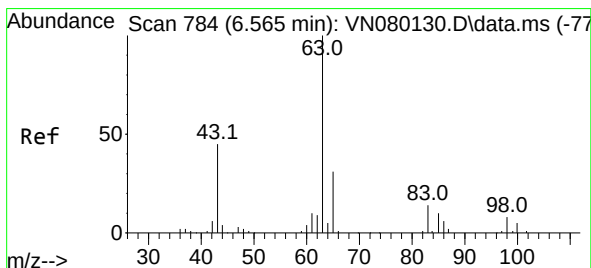
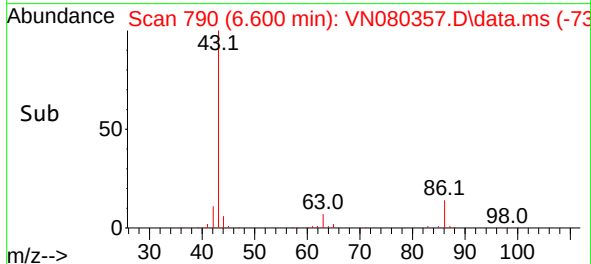
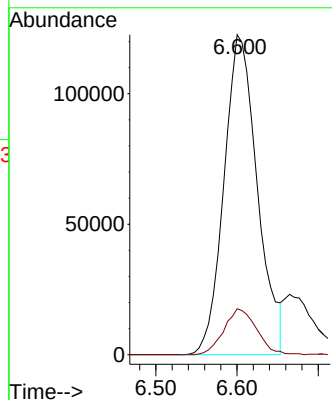
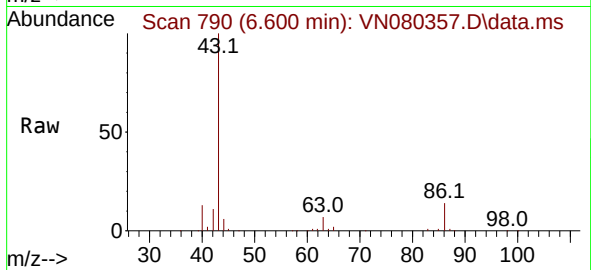
#23
 Vinyl Acetate
 Concen: 86.182 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Tgt Ion: 43 Resp: 351200
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

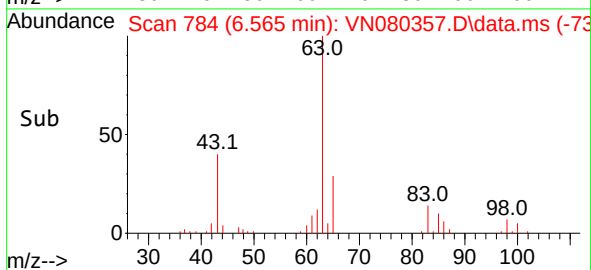
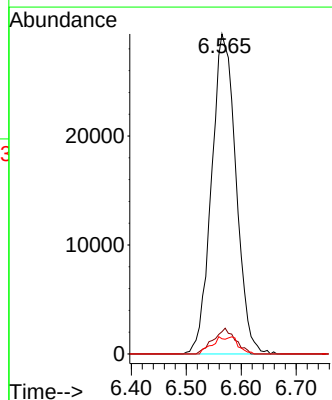
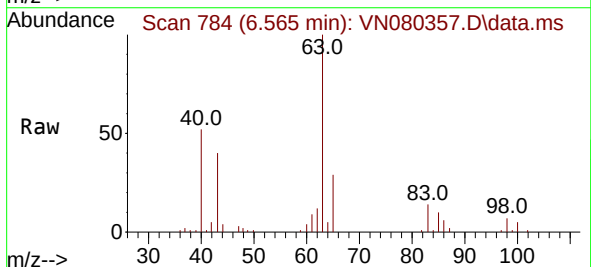
Manual Integrations
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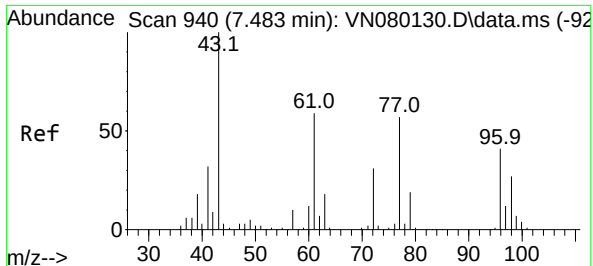
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#24
 1,1-Dichloroethane
 Concen: 18.394 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

Tgt Ion: 63 Resp: 90814
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 77.276 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 43 Resp: 117310

Ion Ratio Lower Upper

43 100

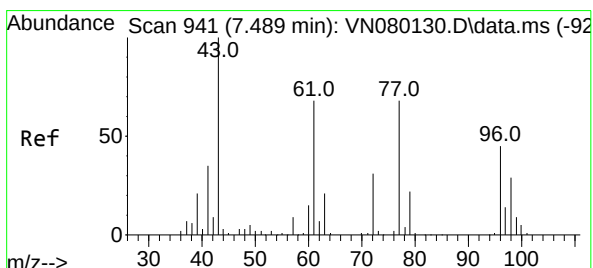
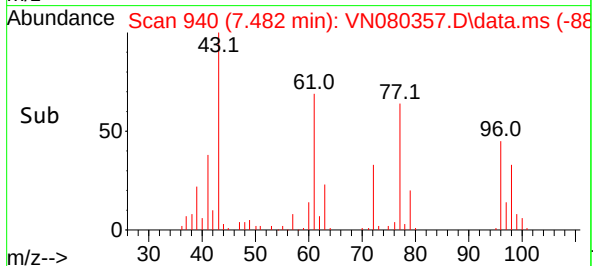
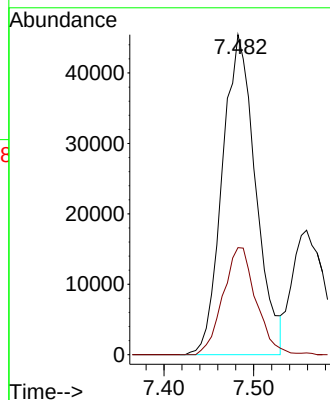
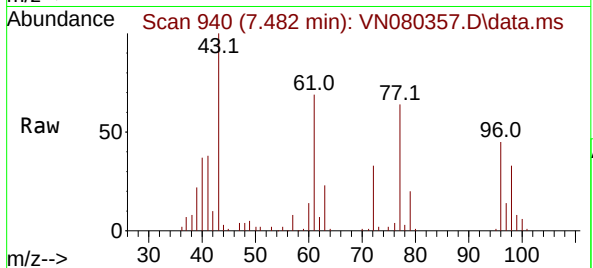
72 33.5 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#26

2,2-Dichloropropane

Concen: 19.079 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080357.D

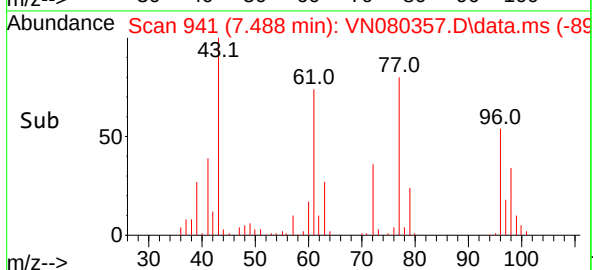
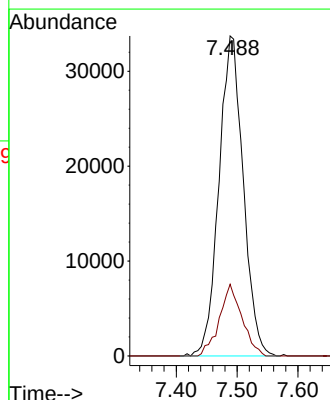
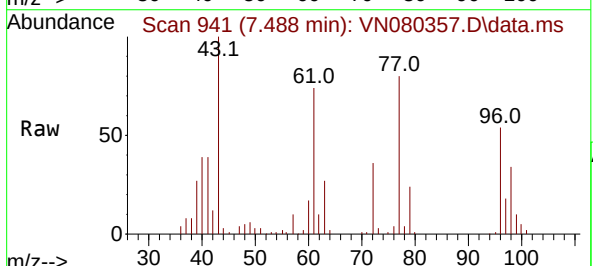
Acq: 05 Dec 2023 11:27

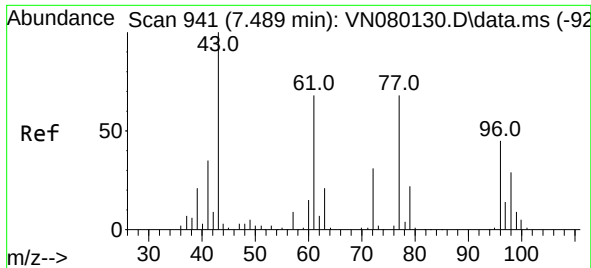
Tgt Ion: 77 Resp: 93453

Ion Ratio Lower Upper

77 100

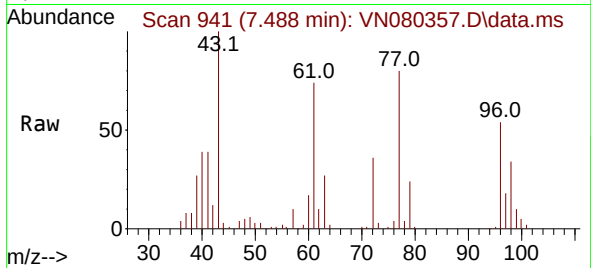
97 20.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.759 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

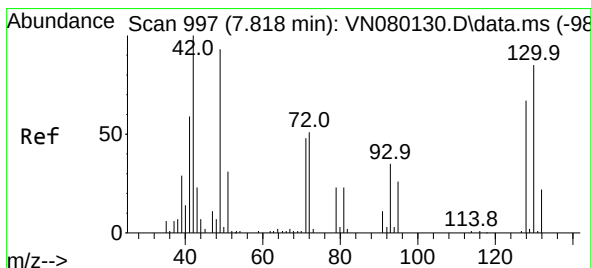
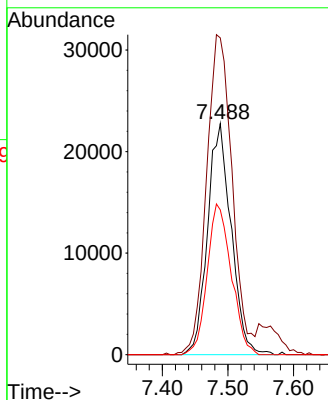
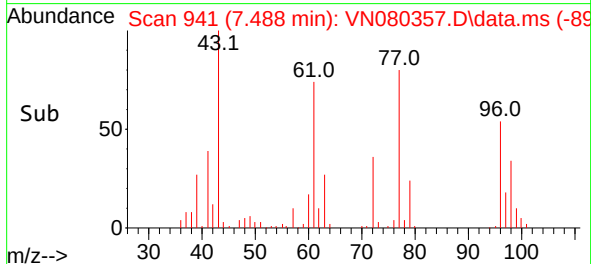
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01



Tgt Ion: 96 Resp: 56898
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 255.2
 98 66.5 0.0 128.8

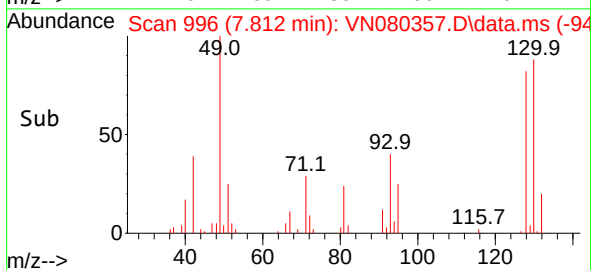
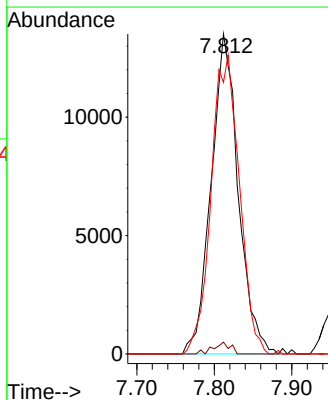
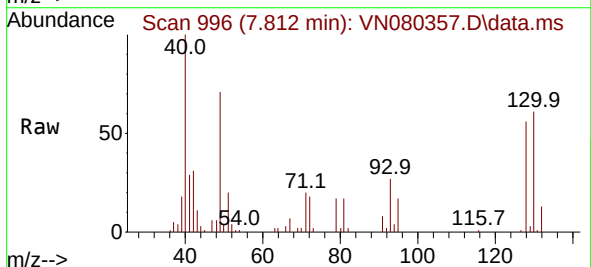
Manual Integrations
 APPROVED

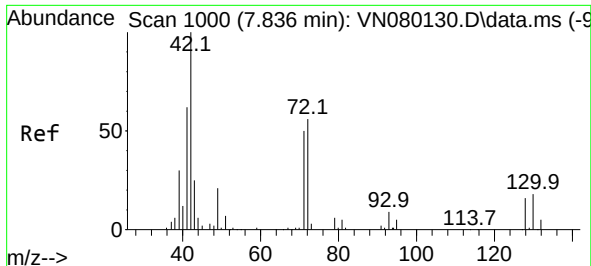
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#28
 Bromochloromethane
 Concen: 16.928 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

Tgt Ion: 49 Resp: 32855
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 97.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 85.423 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

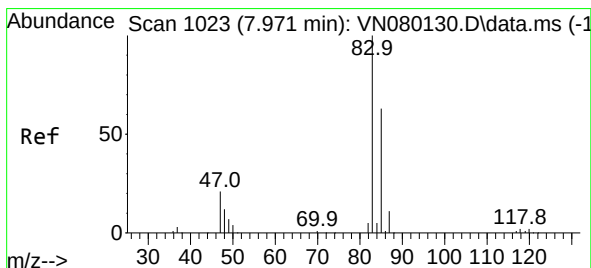
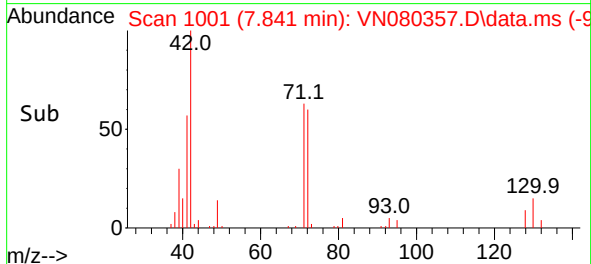
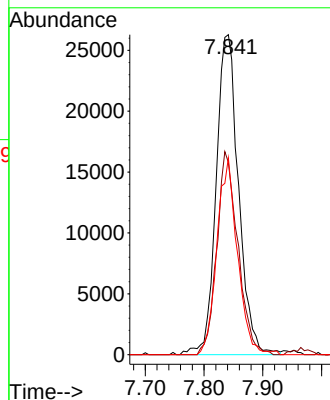
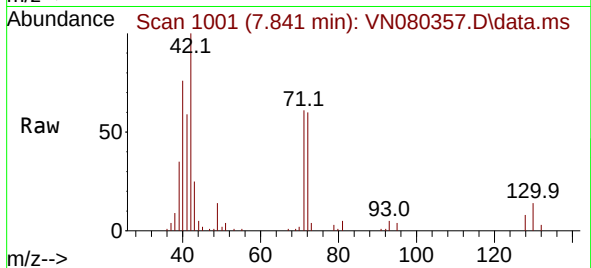
Tgt Ion:	42	Resp:	69624
Ion Ratio	Lower	Upper	
42	100		
72	59.7	49.8	74.6
71	56.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#30

Chloroform

Concen: 20.233 ug/l

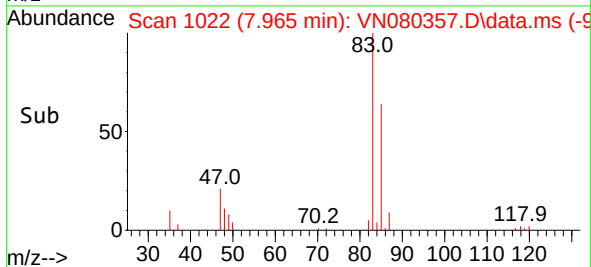
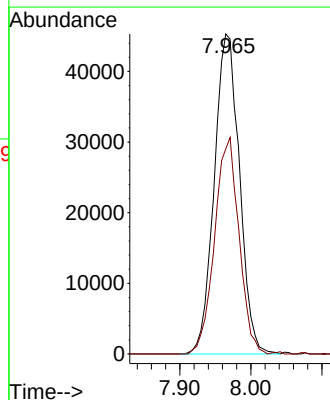
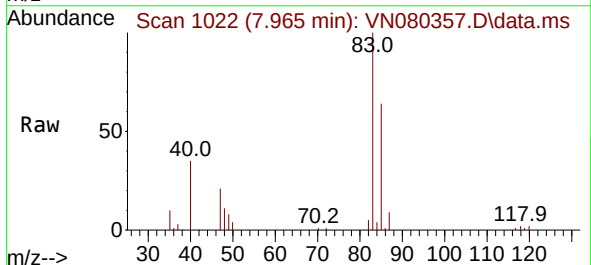
RT: 7.965 min Scan# 1022

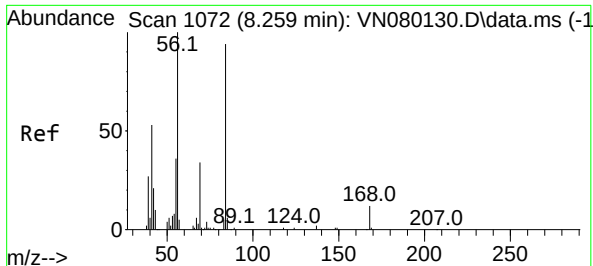
Delta R.T. -0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Tgt Ion:	83	Resp:	111647
Ion Ratio	Lower	Upper	
83	100		
85	64.1	55.4	83.0





#31

Cyclohexane

Concen: 16.438 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 56 Resp: 68009

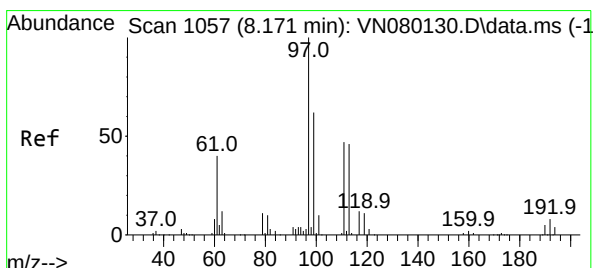
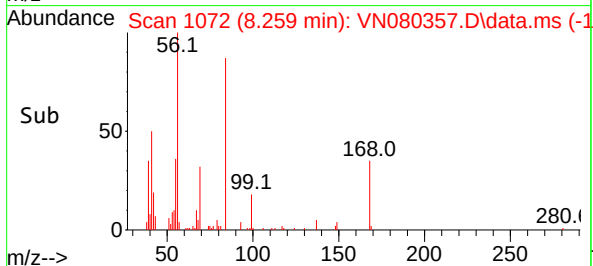
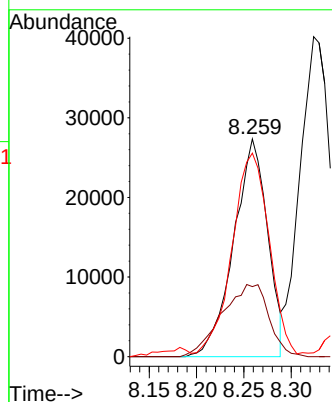
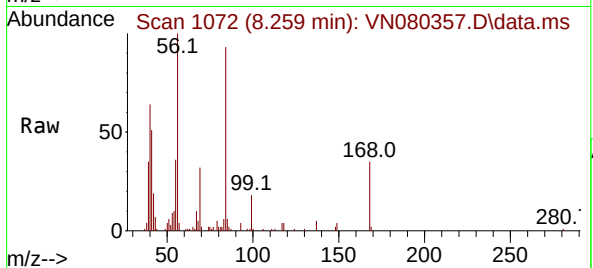
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.8	40.2
84	89.2	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#32

1,1,1-Trichloroethane

Concen: 19.953 ug/l

RT: 8.171 min Scan# 1057

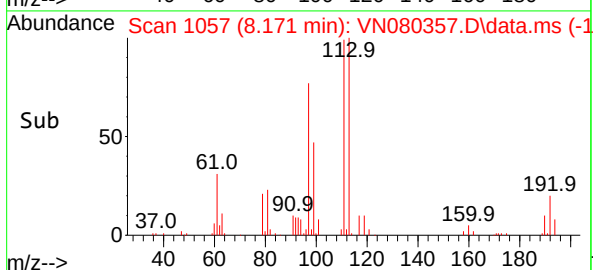
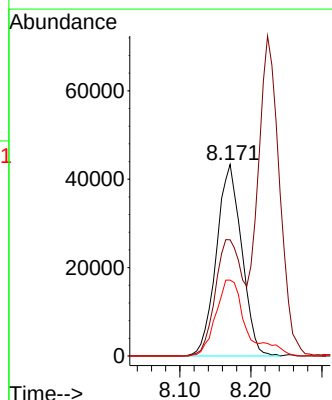
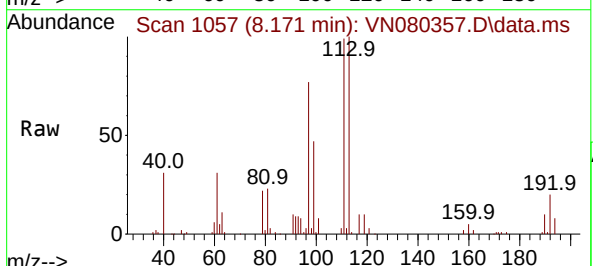
Delta R.T. -0.000 min

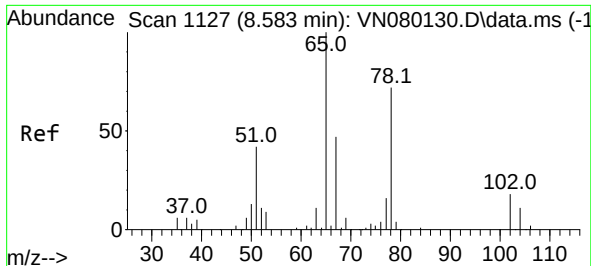
Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Tgt Ion: 97 Resp: 107377

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.3	75.5
61	47.2	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 48.026 ug/l

RT: 8.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 65 Resp: 182704

Ion Ratio Lower Upper

65 100

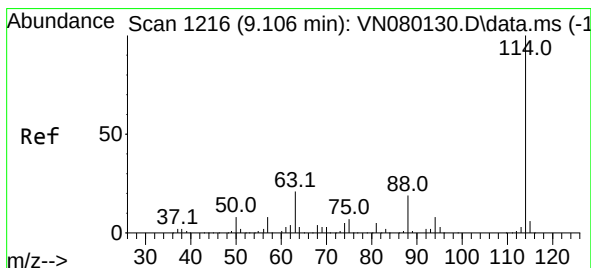
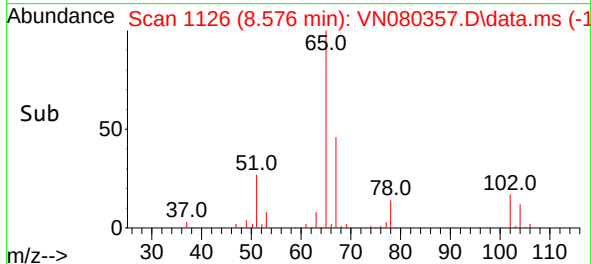
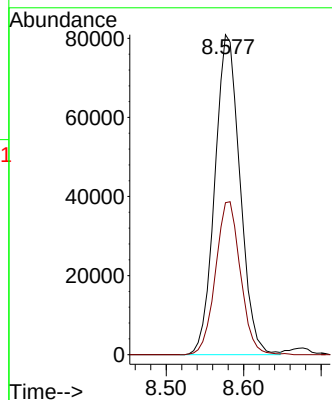
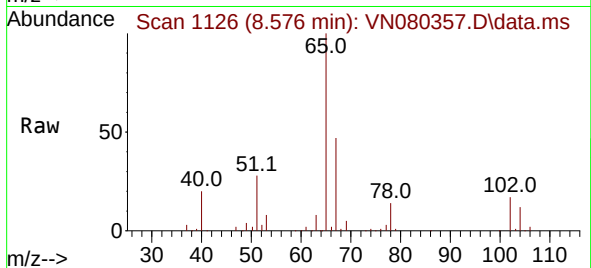
67 47.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

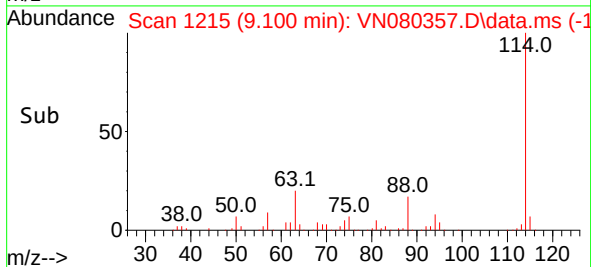
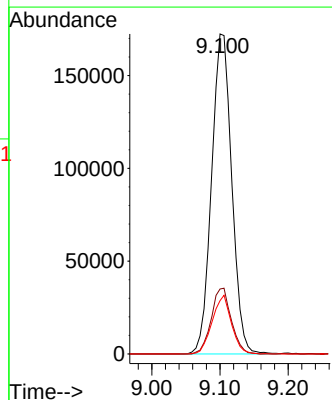
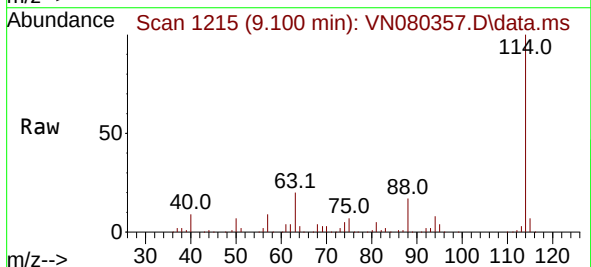
Tgt Ion:114 Resp: 355514

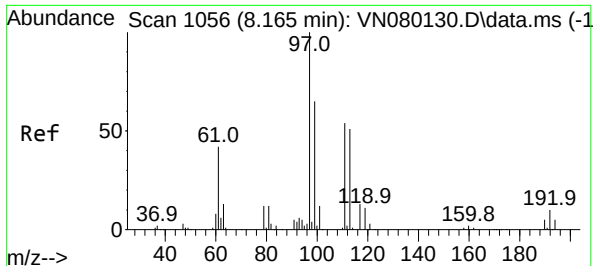
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

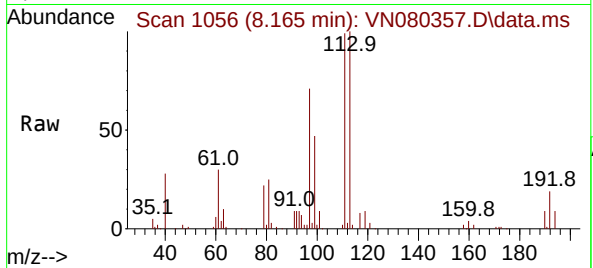
88 16.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.361 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

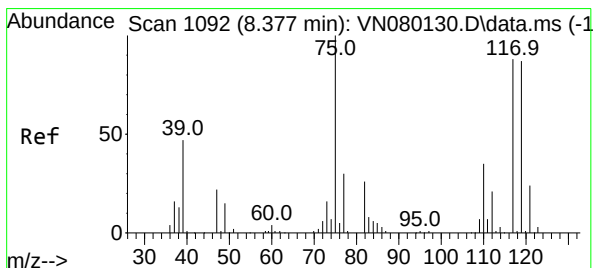
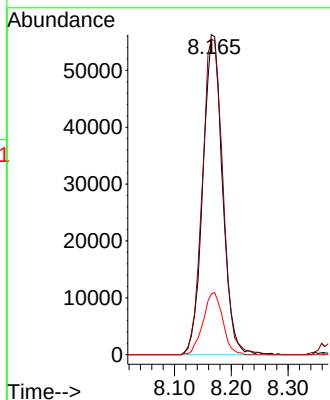
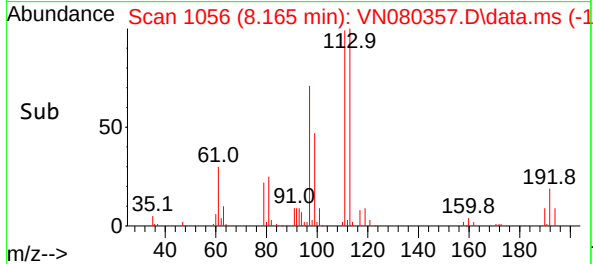
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



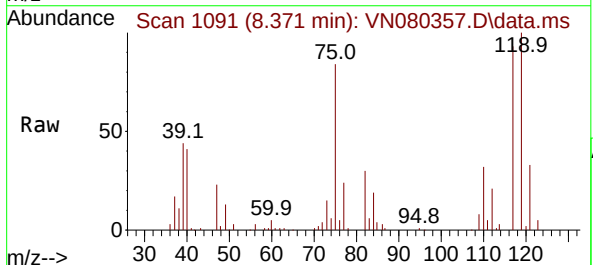
Tgt Ion:113 Resp: 134732
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.4 12.7 19.1

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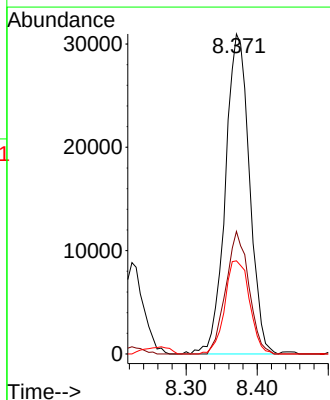
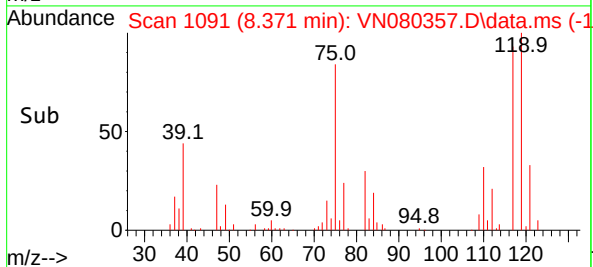
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

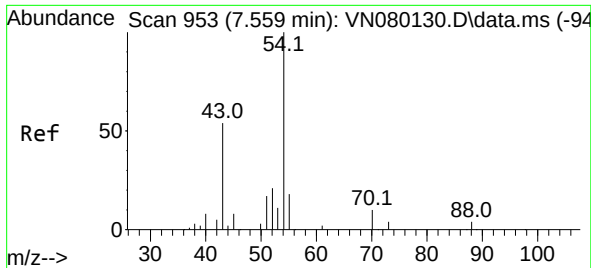


#36
1,1-Dichloropropene
Concen: 19.202 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion: 75 Resp: 72929
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 29.9 25.0 37.4





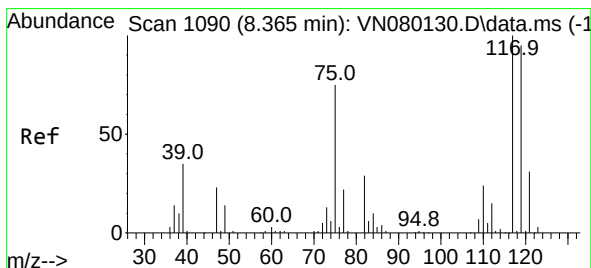
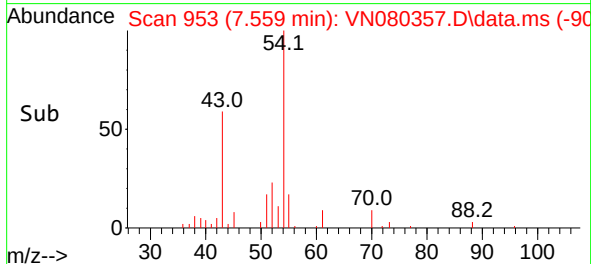
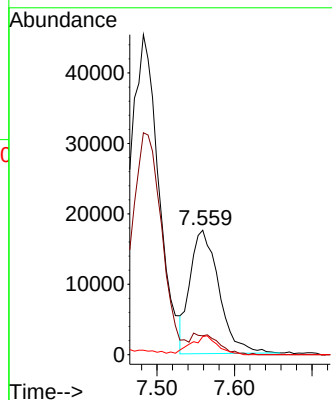
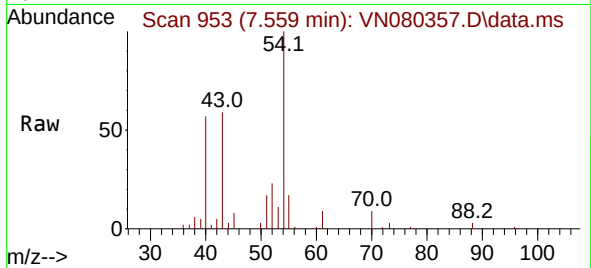
#37
Ethyl Acetate
Concen: 17.212 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion: 43 Resp: 45344
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 14.0 11.3 16.9

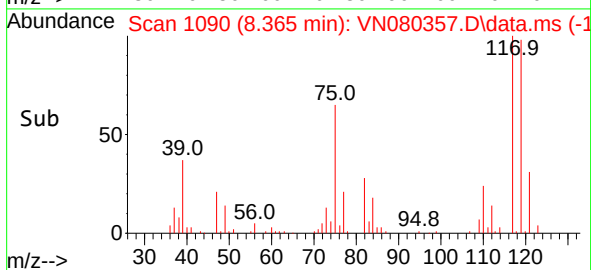
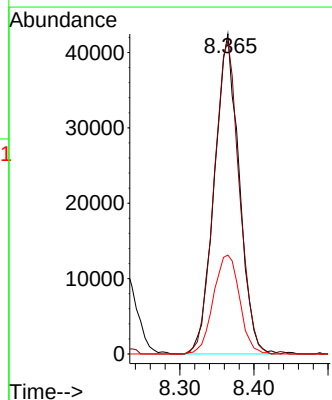
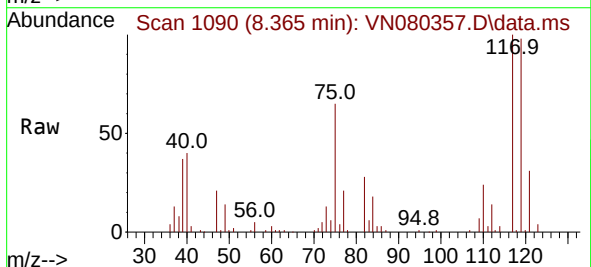
Manual Integrations
APPROVED

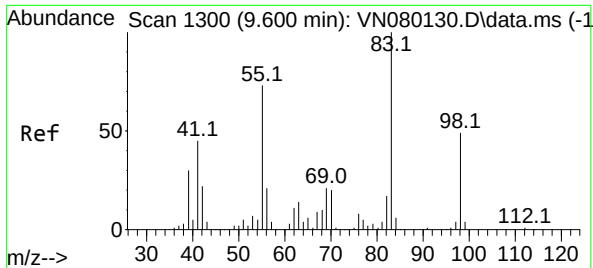
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#38
Carbon Tetrachloride
Concen: 20.370 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion:117 Resp: 98175
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 17.897 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 83 Resp: 6553

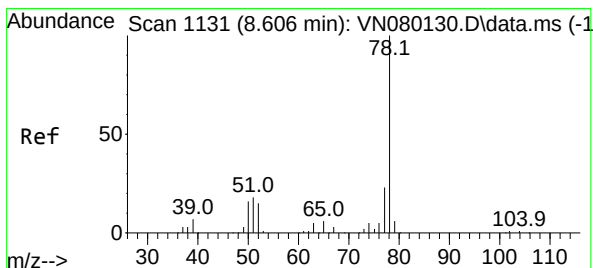
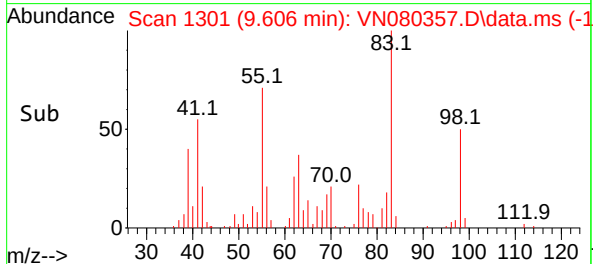
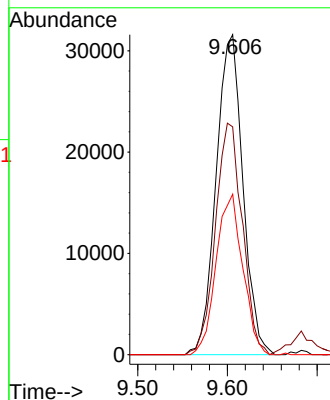
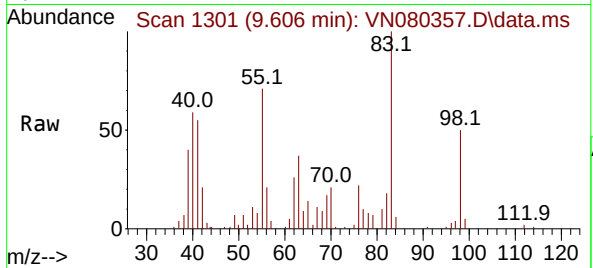
Ion	Ratio	Lower	Upper
83	100		
55	71.2	49.1	73.7
98	50.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#40

Benzene

Concen: 19.556 ug/l

RT: 8.606 min Scan# 1131

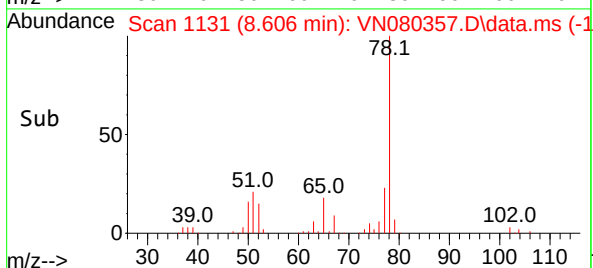
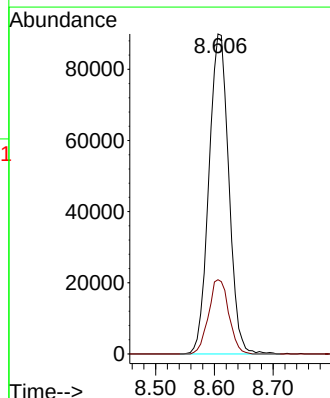
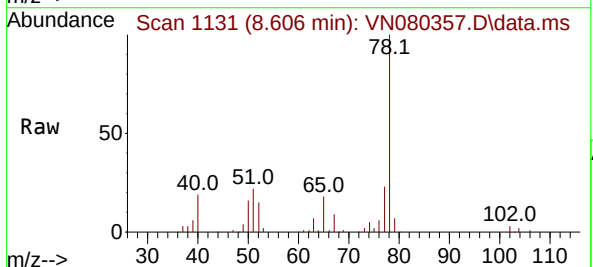
Delta R.T. -0.000 min

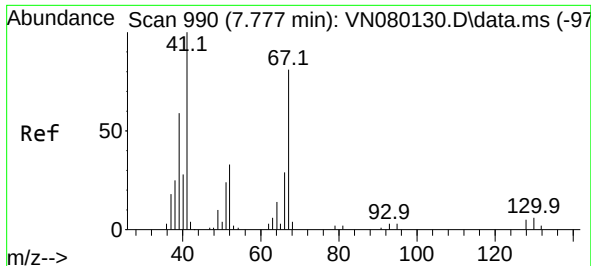
Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Tgt Ion: 78 Resp: 211088

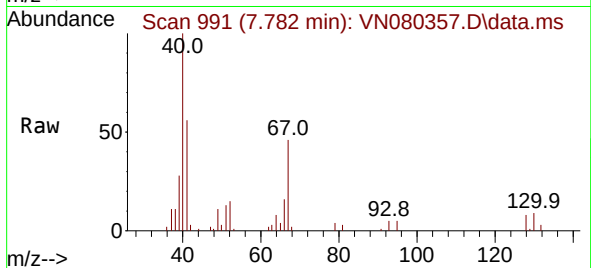
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 17.702 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

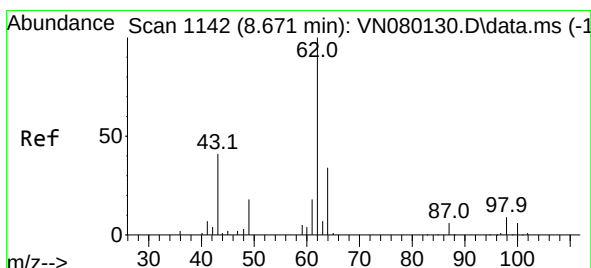
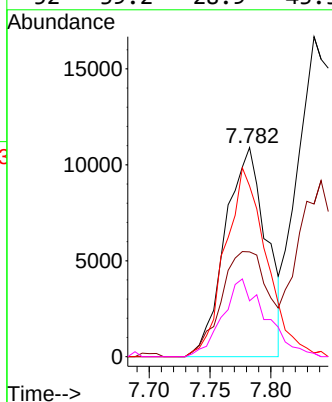
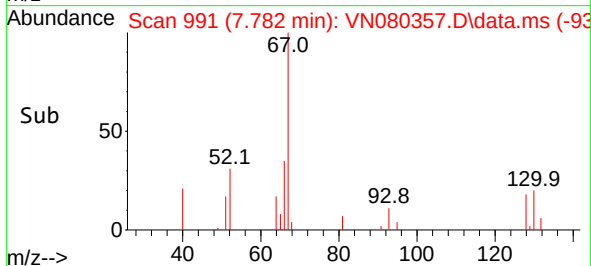
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 41 Resp: 25610
Ion Ratio Lower Upper
41 100
39 57.7 42.6 64.0
67 90.8 77.5 116.3
52 39.2 28.9 43.3

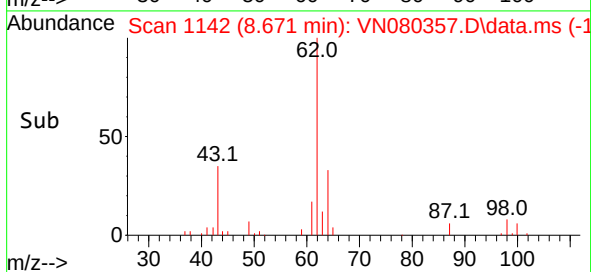
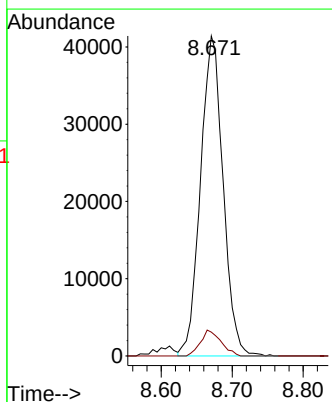
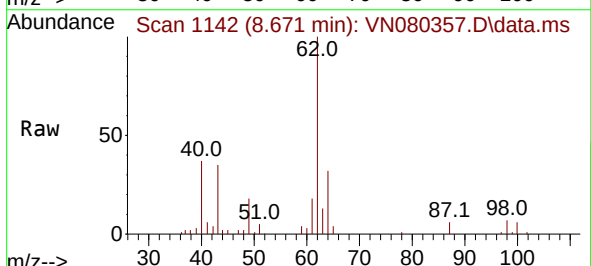
Manual Integrations
APPROVED

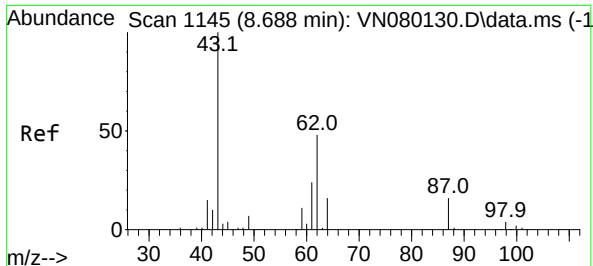
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#42
1,2-Dichloroethane
Concen: 20.772 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 62 Resp: 91732
Ion Ratio Lower Upper
62 100
98 7.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.612 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

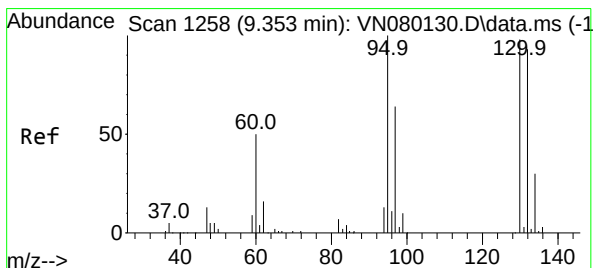
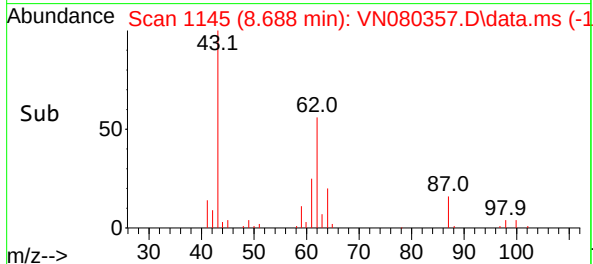
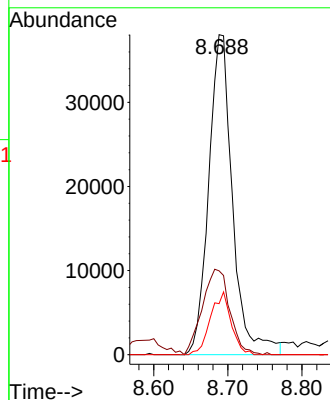
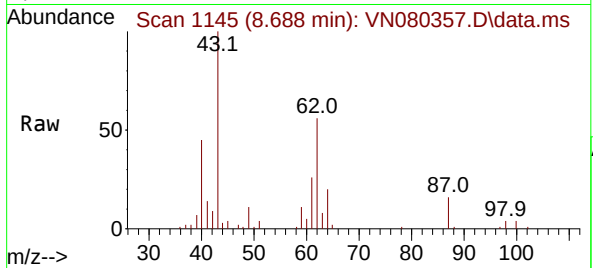
Tgt Ion: 43	Resp: 8515
Ion Ratio	Lower Upper
43	100
61	30.6 24.7 37.1
87	16.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#44

Trichloroethene

Concen: 19.696 ug/l

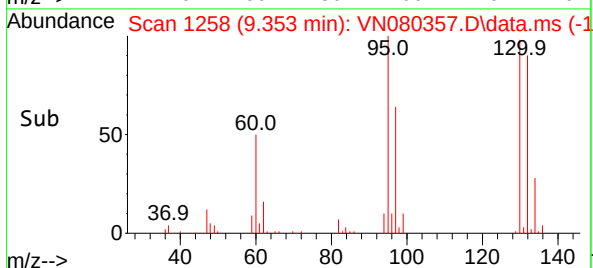
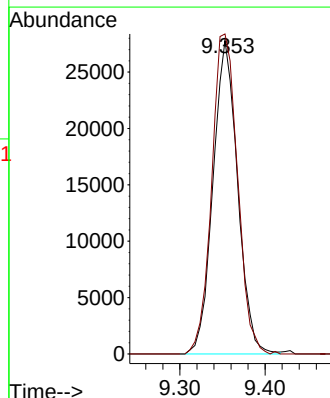
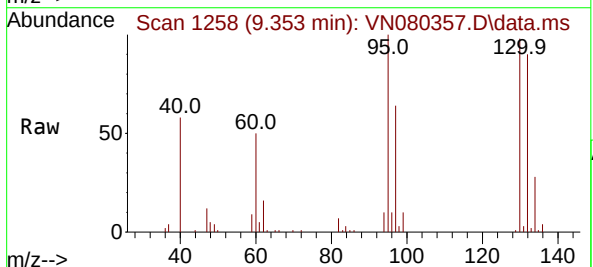
RT: 9.353 min Scan# 1258

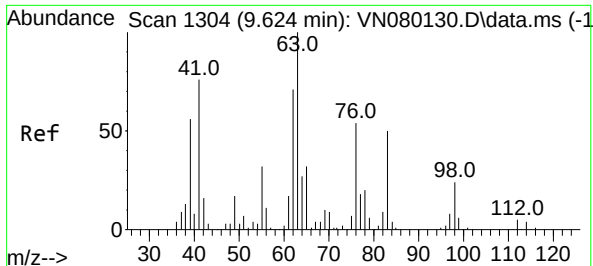
Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Tgt Ion:130	Resp: 55767
Ion Ratio	Lower Upper
130	100
95	102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.943 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 63 Resp: 5002

Ion Ratio Lower Upper

63 100

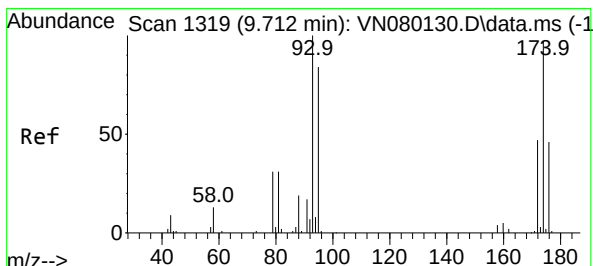
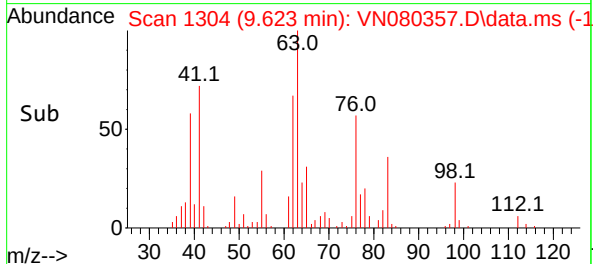
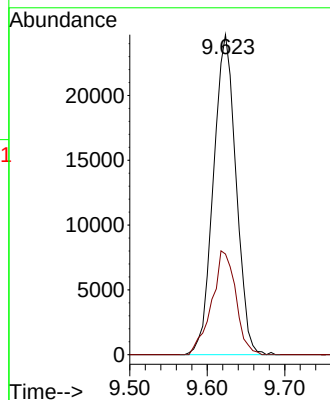
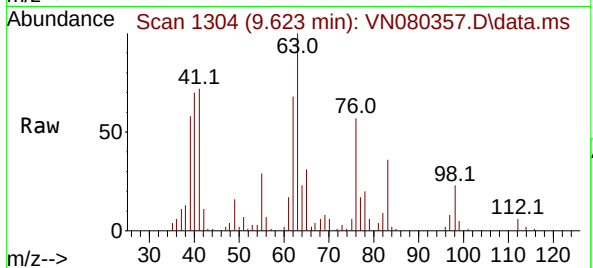
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#46

Dibromomethane

Concen: 20.456 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

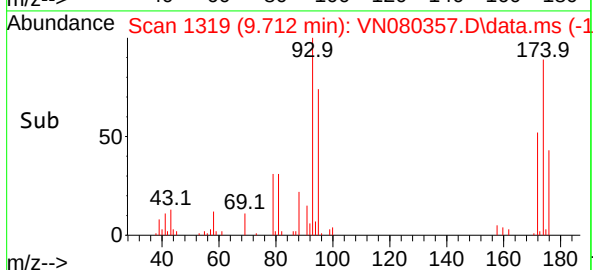
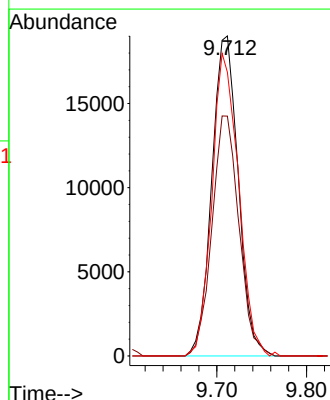
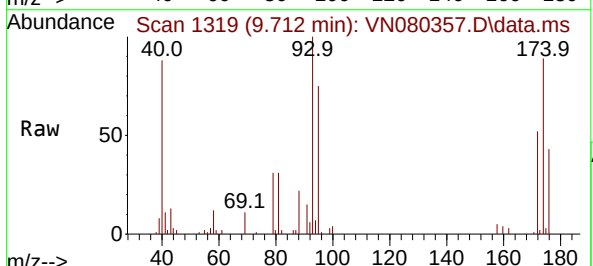
Tgt Ion: 93 Resp: 38842

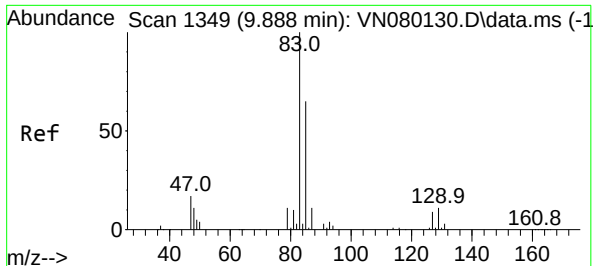
Ion Ratio Lower Upper

93 100

95 76.8 63.8 95.8

174 95.4 65.6 98.4





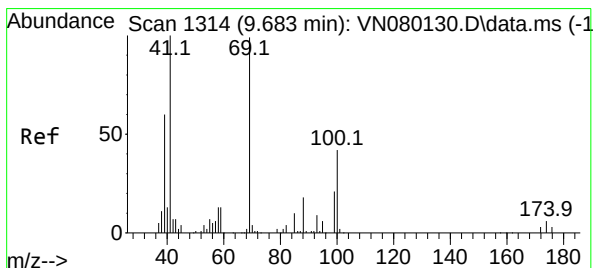
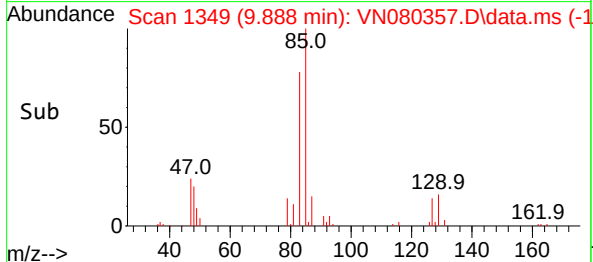
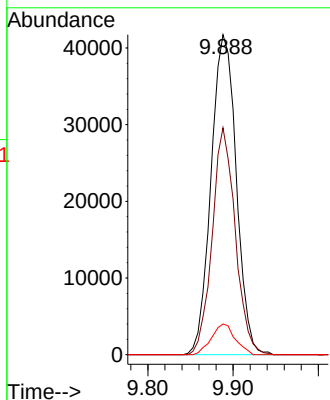
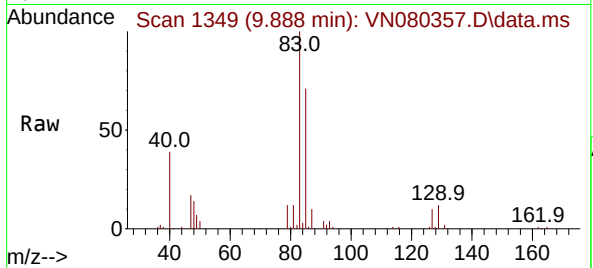
#47
Bromodichloromethane
Concen: 20.513 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion: 83 Resp: 85680
Ion Ratio Lower Upper
83 100
85 70.9 49.6 74.4
127 9.6 7.0 10.6

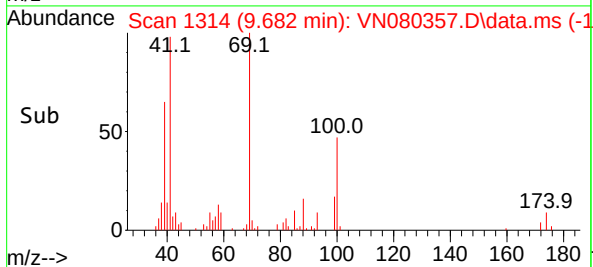
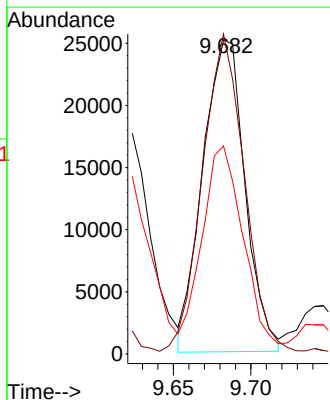
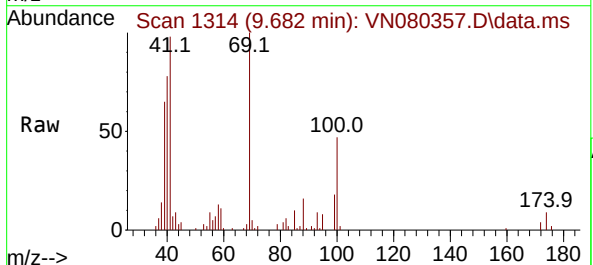
Manual Integrations
APPROVED

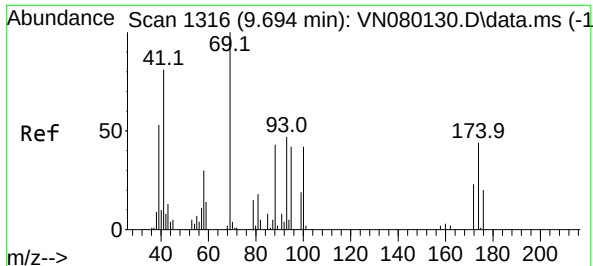
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#48
Methyl methacrylate
Concen: 18.048 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

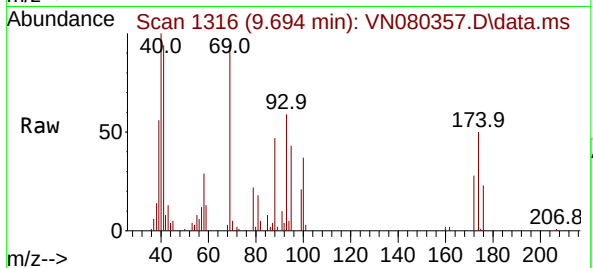
Tgt Ion: 41 Resp: 47679
Ion Ratio Lower Upper
41 100
69 100.6 90.4 135.6
39 64.9 54.6 81.8





#49
1,4-Dioxane
Concen: 352.627 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

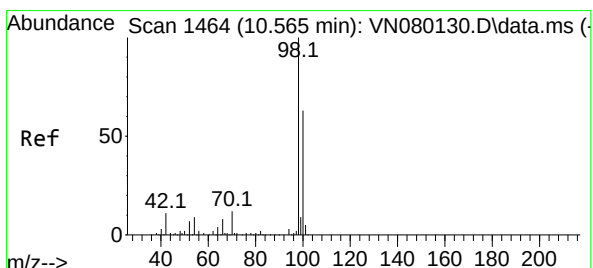
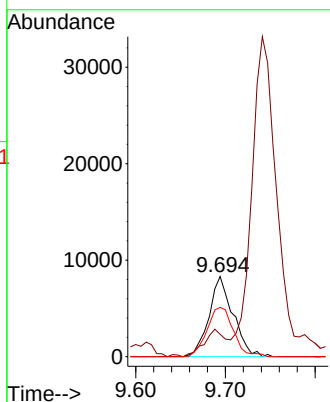
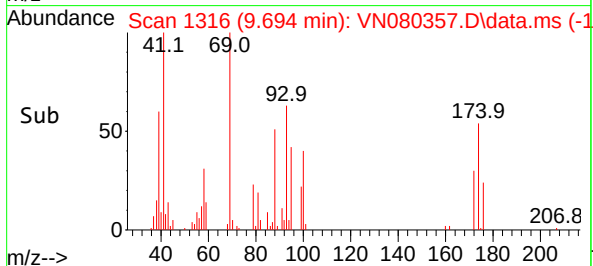
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 88 Resp: 15498
Ion Ratio Lower Upper
88 100
43 31.9 17.0 25.6
58 67.2 47.0 70.4

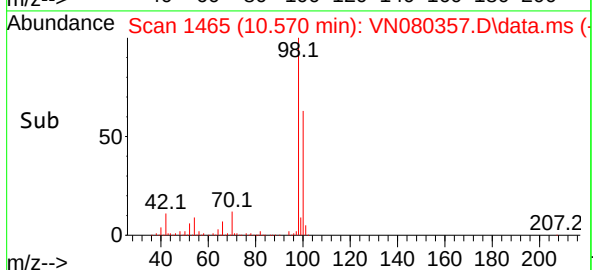
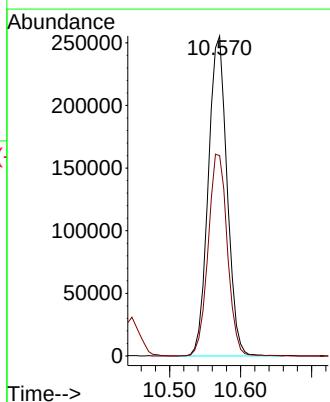
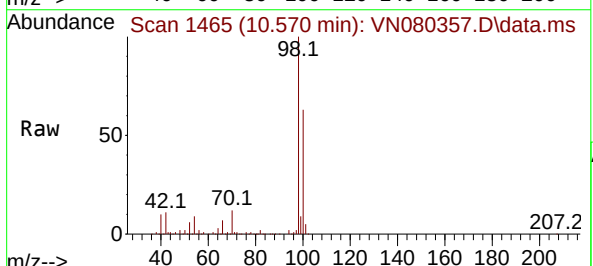
Manual Integrations
APPROVED

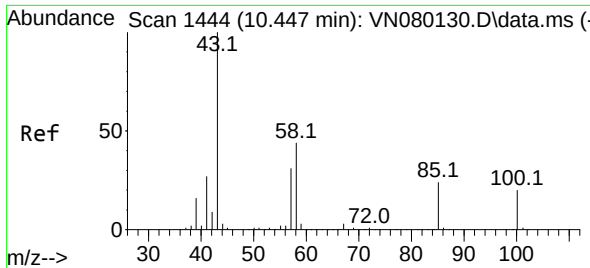
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#50
Toluene-d8
Concen: 49.490 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

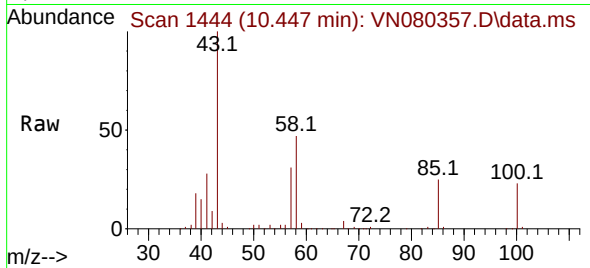
Tgt Ion: 98 Resp: 467988
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 88.588 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

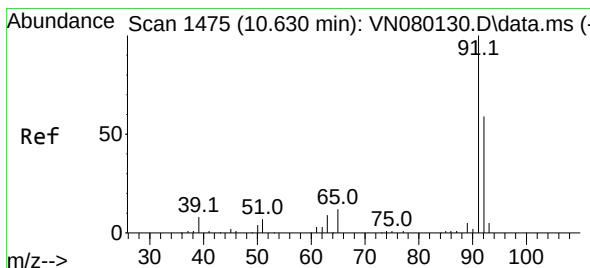
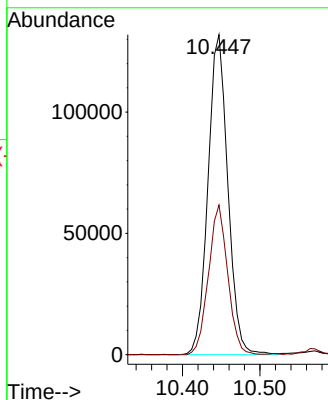
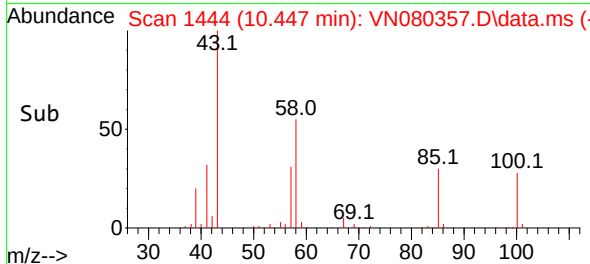
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



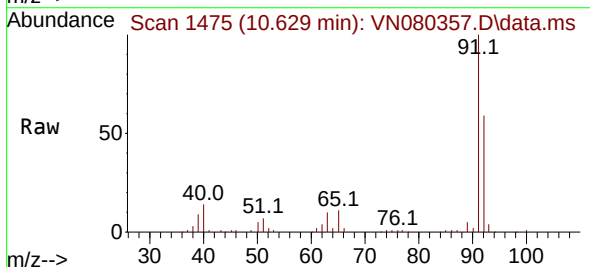
Tgt Ion: 43 Resp: 235120
Ion Ratio Lower Upper
43 100
58 45.5 36.6 54.8

Manual Integrations
APPROVED

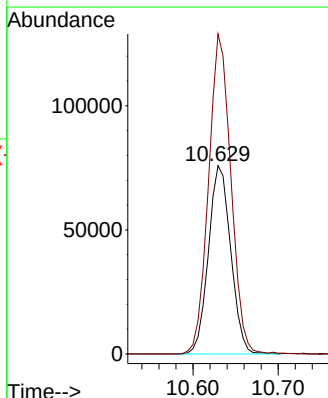
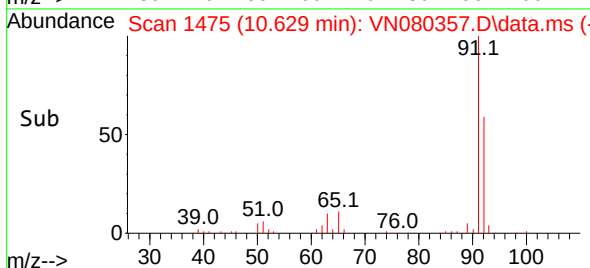
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

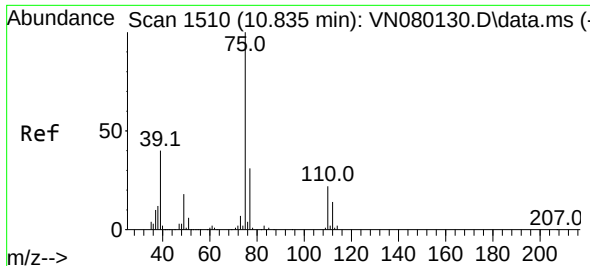


#52
Toluene
Concen: 20.411 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



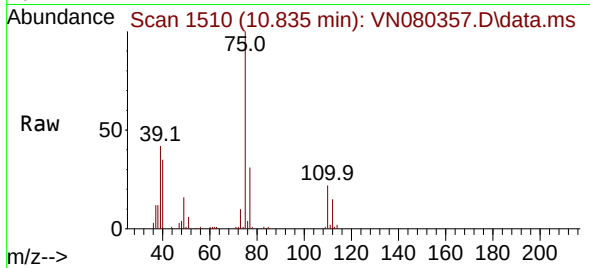
Tgt Ion: 92 Resp: 137883
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.558 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

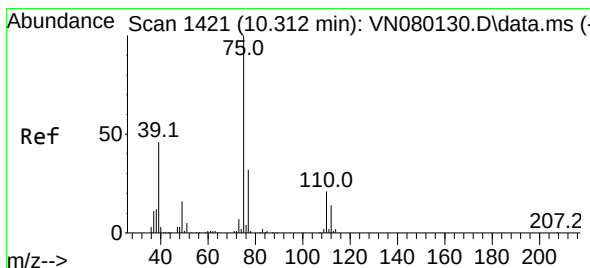
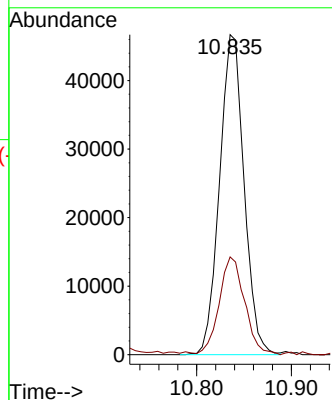
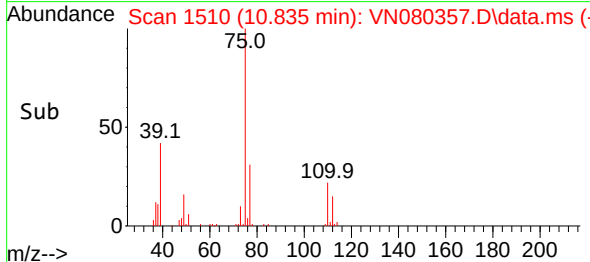
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01



Tgt Ion: 75 Resp: 83934
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0

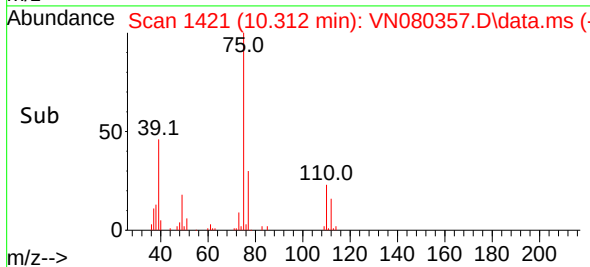
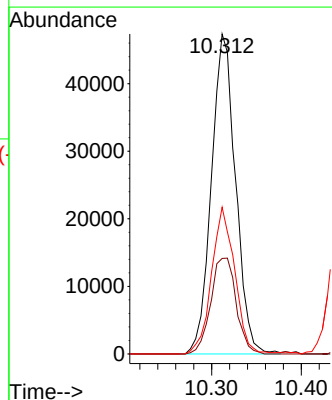
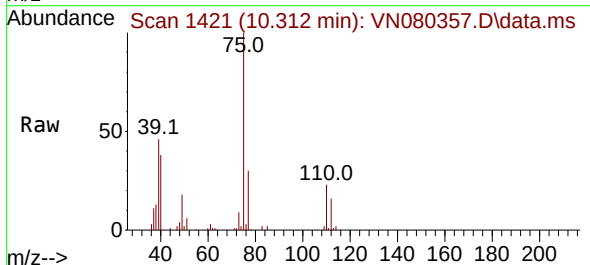
Manual Integrations
 APPROVED

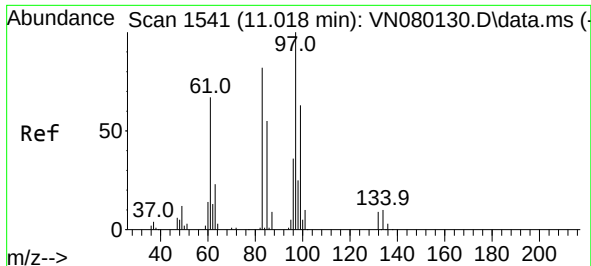
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.194 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

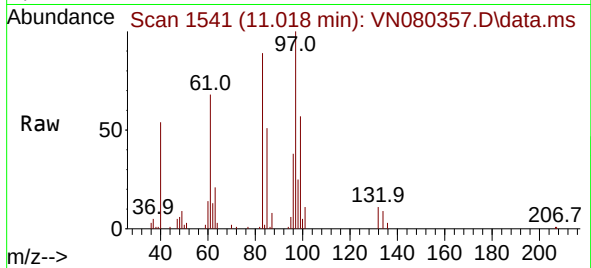
Tgt Ion: 75 Resp: 88538
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.1 39.1
 39 45.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.405 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

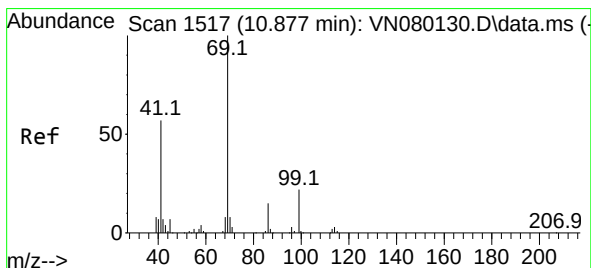
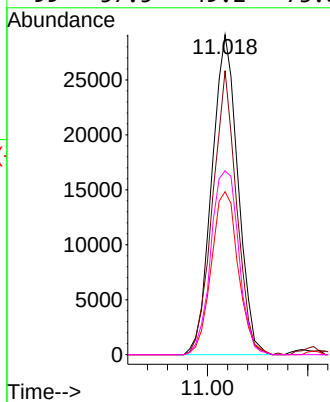
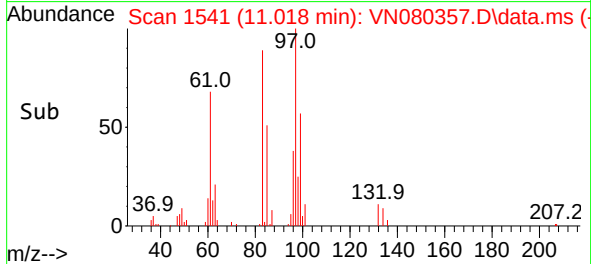
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



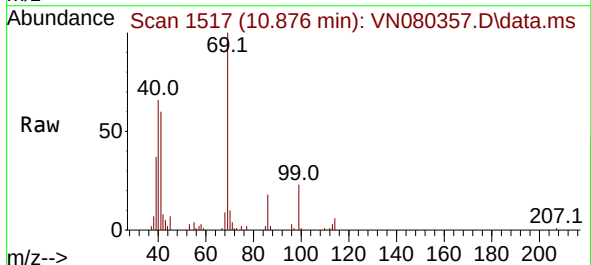
Tgt Ion:	97	Resp:	52609
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	65.1	97.7
85	50.9	43.4	65.2
99	57.5	49.2	73.8

Manual Integrations
APPROVED

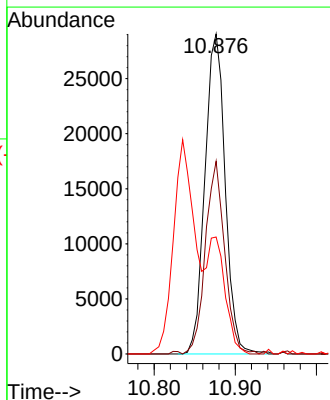
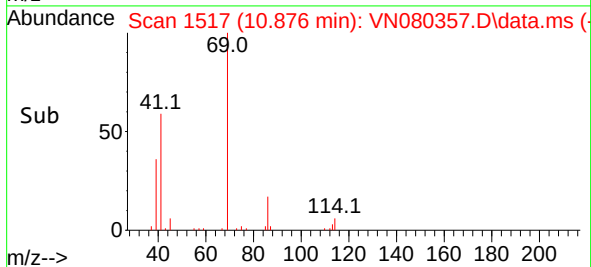
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

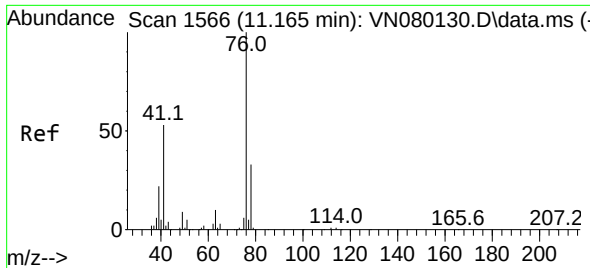


#56
Ethyl methacrylate
Concen: 19.117 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



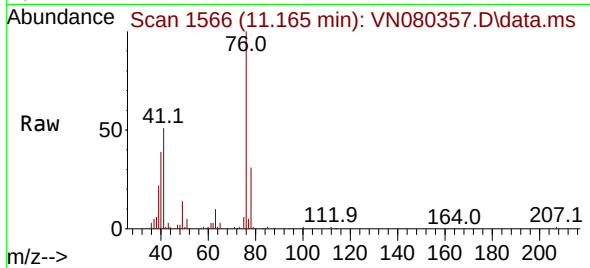
Tgt Ion:	69	Resp:	50353
Ion Ratio	100	Lower	Upper
69	100		
41	57.8	39.6	59.4
39	28.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.251 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

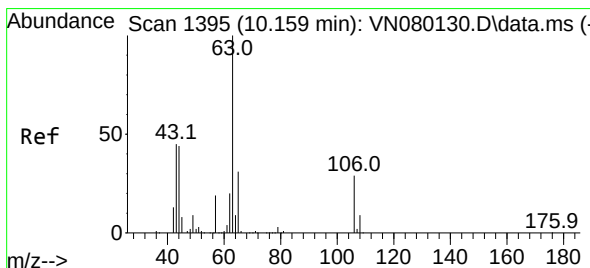
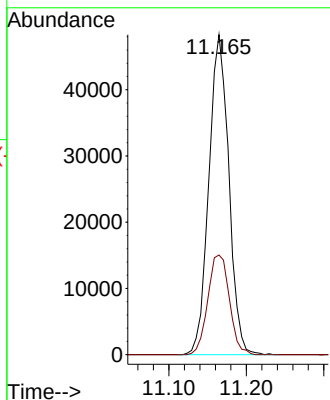
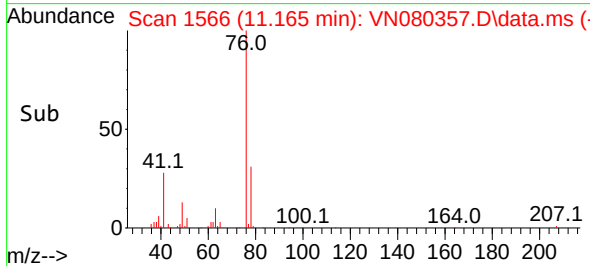
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



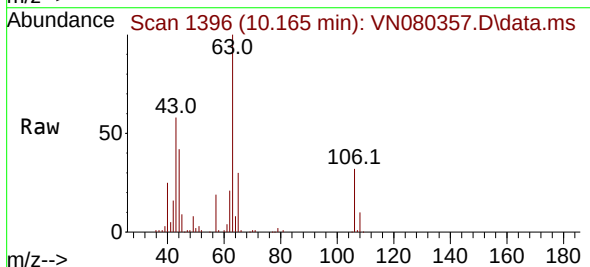
Tgt Ion: 76 Resp: 86658
Ion Ratio Lower Upper
76 100
78 33.6 26.1 39.1

Manual Integrations
APPROVED

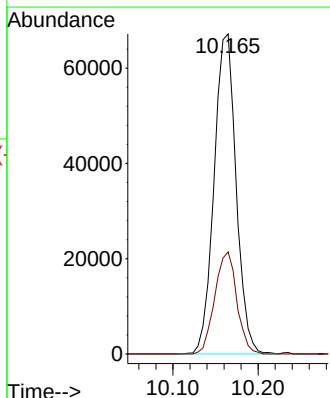
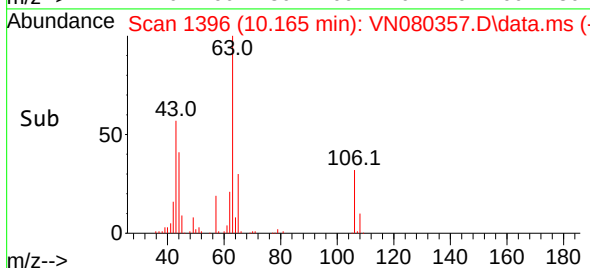
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

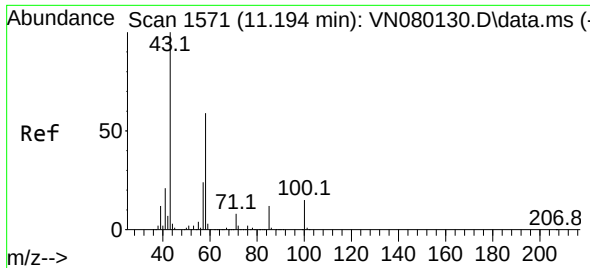


#58
2-Chloroethyl Vinyl ether
Concen: 81.473 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



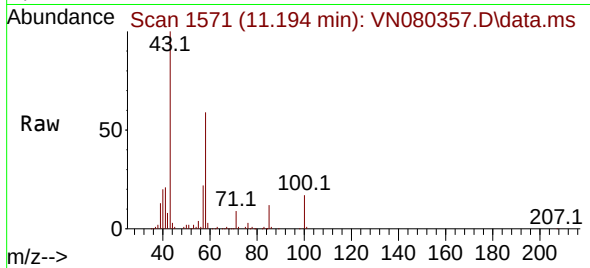
Tgt Ion: 63 Resp: 120895
Ion Ratio Lower Upper
63 100
106 31.7 26.2 39.4





#59
2-Hexanone
Concen: 81.805 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

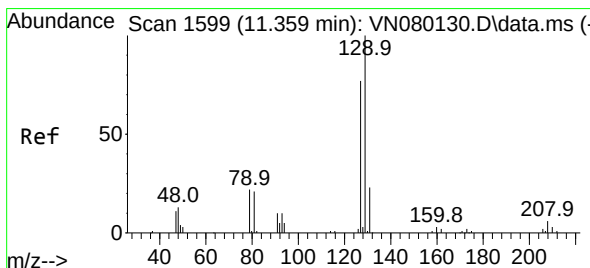
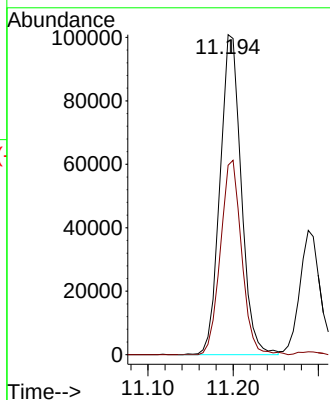
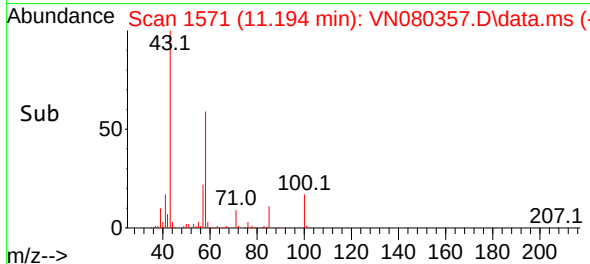
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 43 Resp: 17446
Ion Ratio Lower Upper
43 100
58 60.6 31.7 95.1

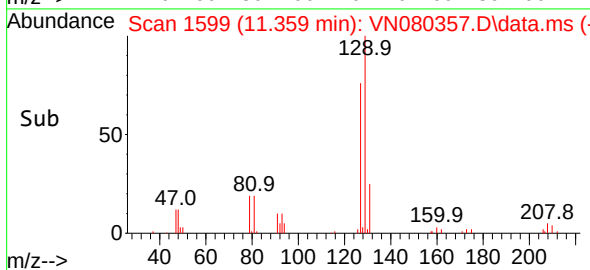
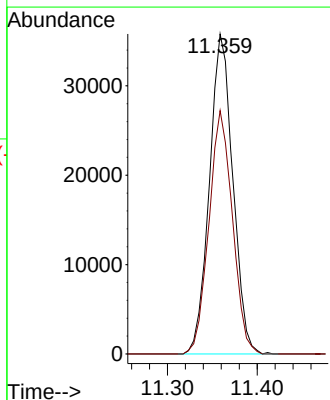
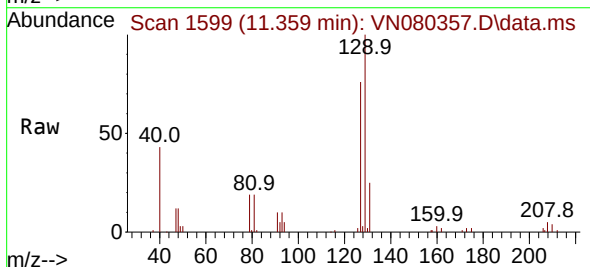
Manual Integrations
APPROVED

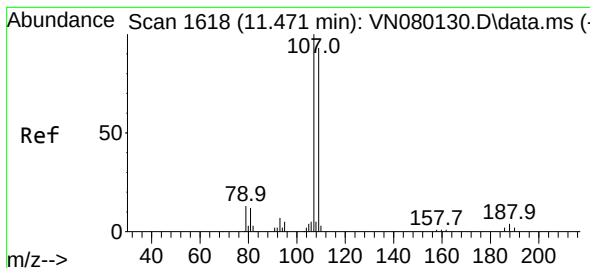
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#60
Dibromochloromethane
Concen: 21.001 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion:129 Resp: 64824
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





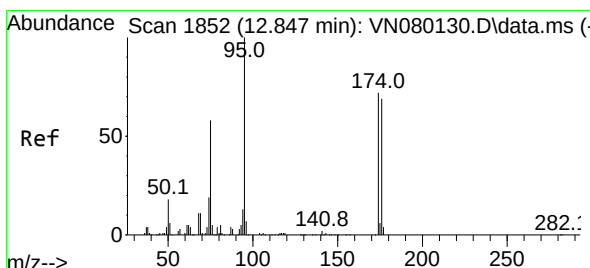
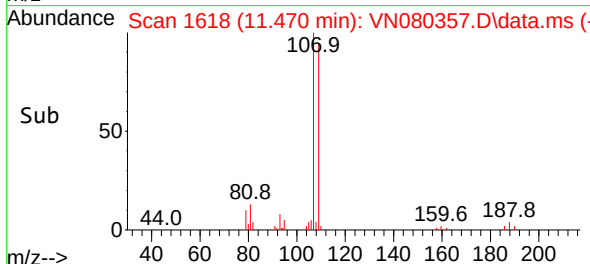
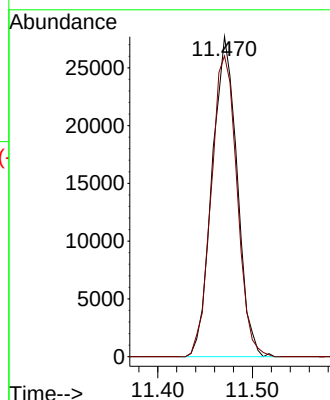
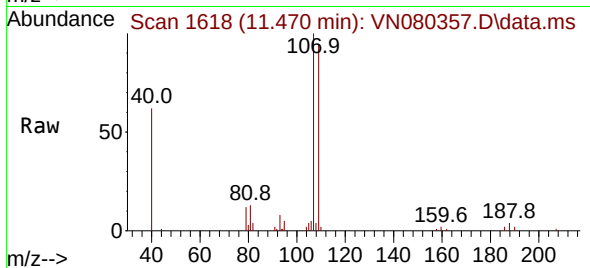
#61
1,2-Dibromoethane
Concen: 19.317 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion:107 Resp: 50808
Ion Ratio Lower Upper
107 100
109 97.3 76.6 114.8

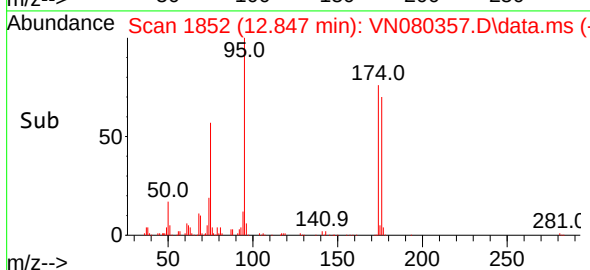
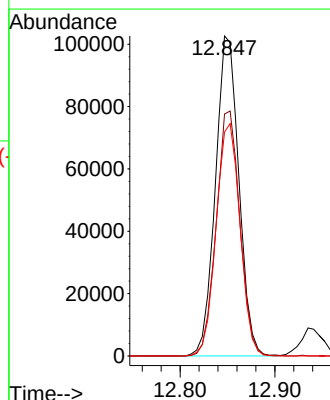
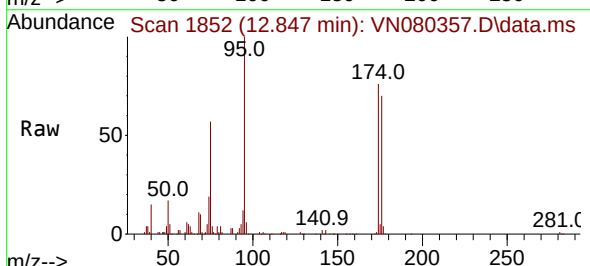
Manual Integrations
APPROVED

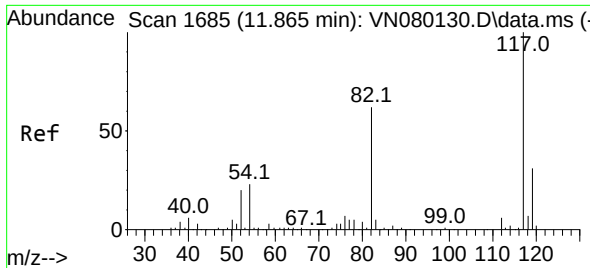
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#62
4-Bromofluorobenzene
Concen: 49.469 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

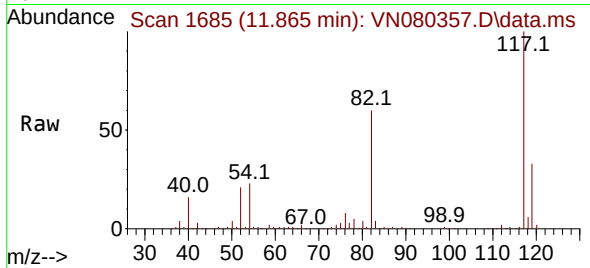
Tgt Ion: 95 Resp: 176690
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

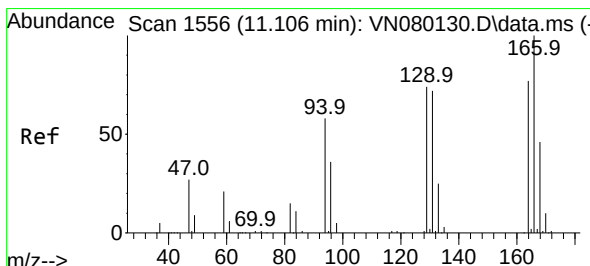
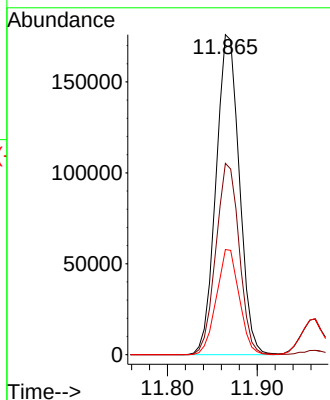
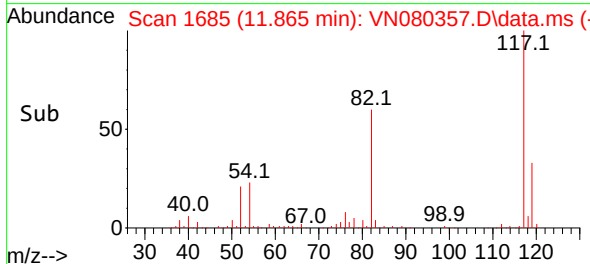
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



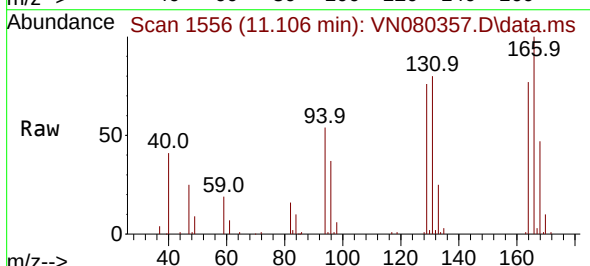
Tgt Ion:117 Resp: 317892
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 32.8 25.6 38.4

Manual Integrations
APPROVED

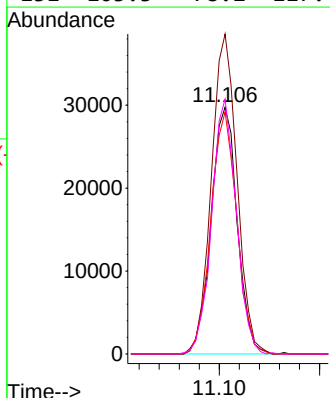
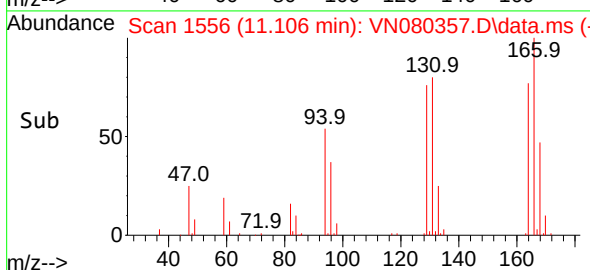
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

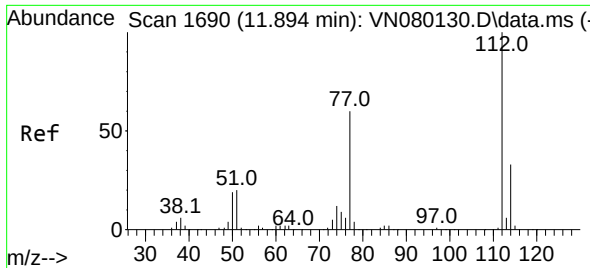


#64
Tetrachloroethene
Concen: 22.031 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



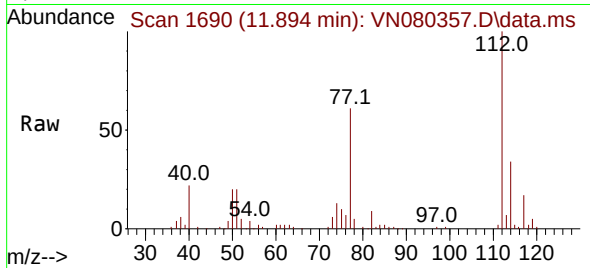
Tgt Ion:164 Resp: 53448
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 98.1 82.4 123.6
131 103.3 78.2 117.4





#65
Chlorobenzene
Concen: 19.925 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

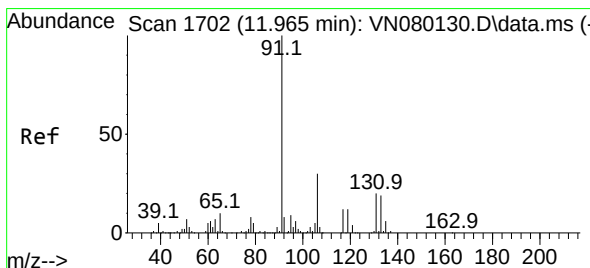
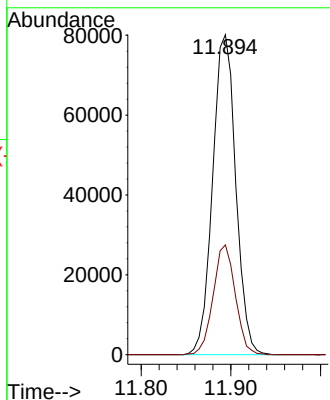
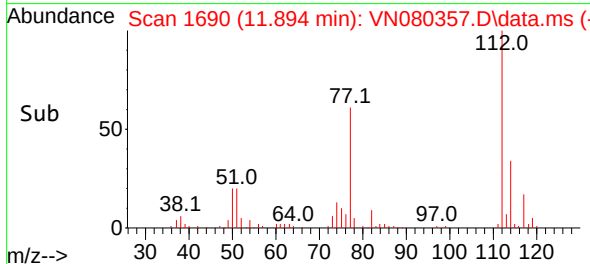
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion:112 Resp: 14352
Ion Ratio Lower Upper
112 100
114 34.3 25.0 37.4

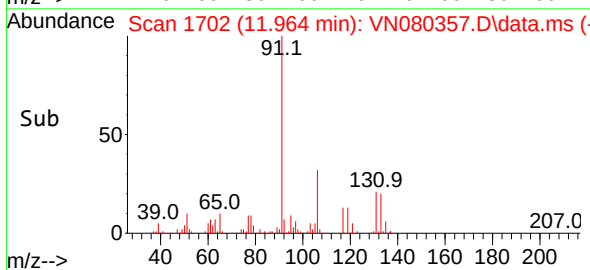
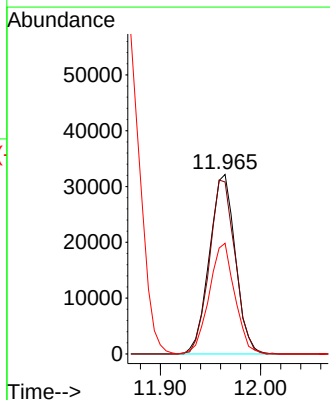
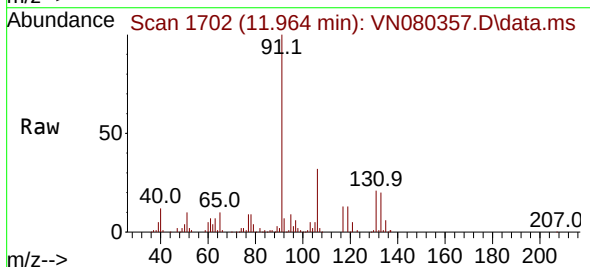
Manual Integrations
APPROVED

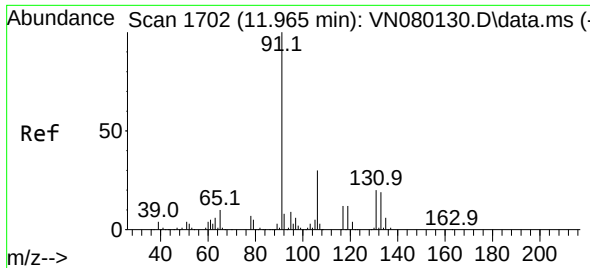
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.701 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

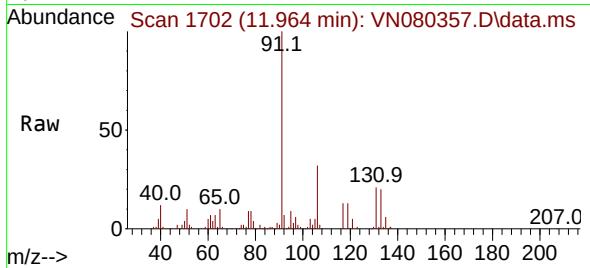
Tgt Ion:131 Resp: 57867
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 60.6 34.1 102.2





#67
Ethyl Benzene
Concen: 19.792 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

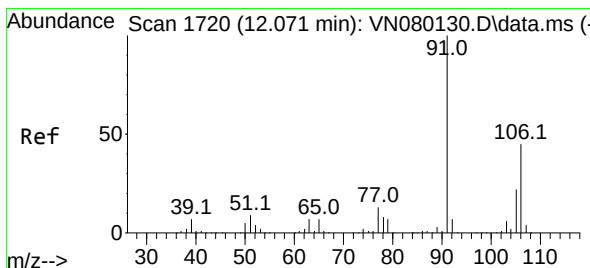
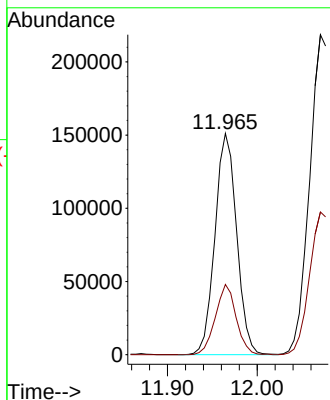
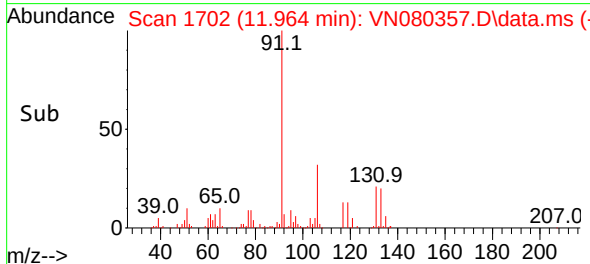
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



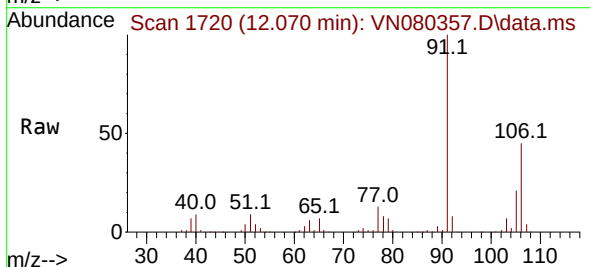
Tgt Ion: 91 Resp: 25368
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

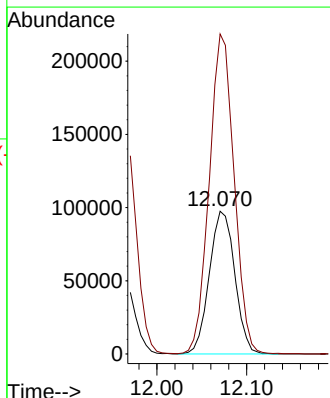
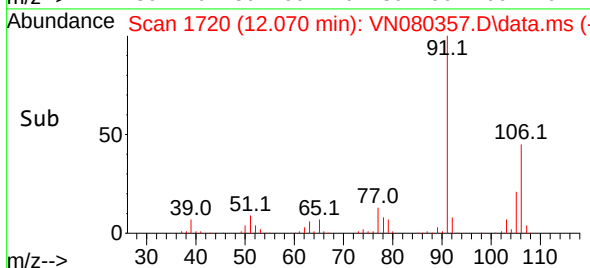
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

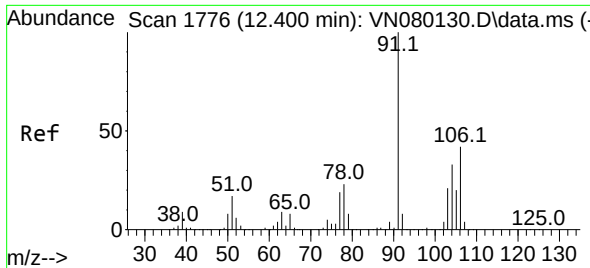


#68
m/p-Xylenes
Concen: 41.057 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion:106 Resp: 191879
Ion Ratio Lower Upper
106 100
91 219.5 159.6 239.4





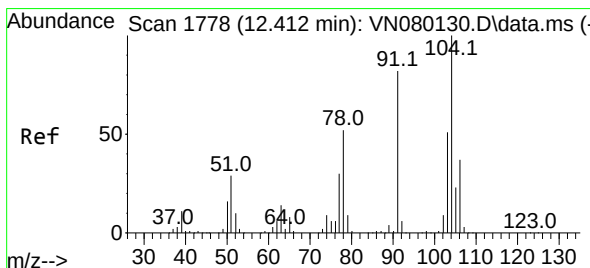
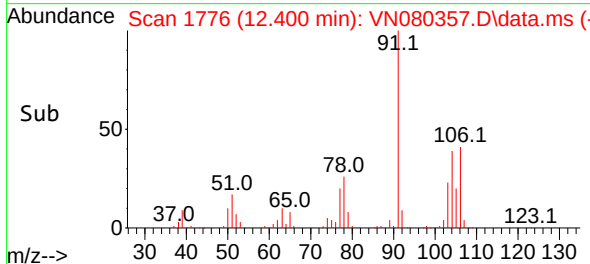
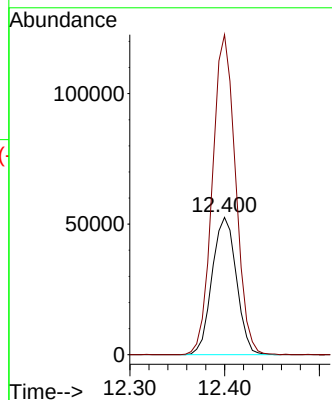
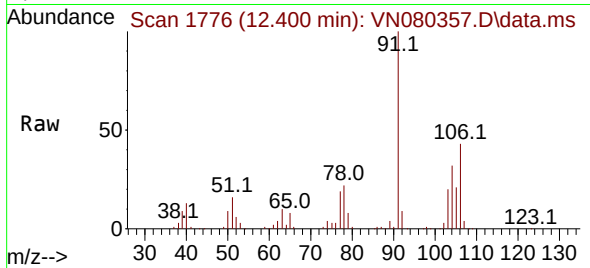
#69
o-Xylene
Concen: 21.333 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion:106 Resp: 93958
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5

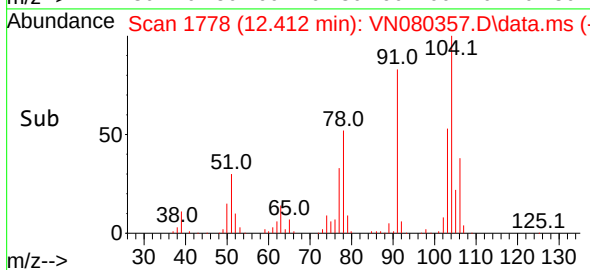
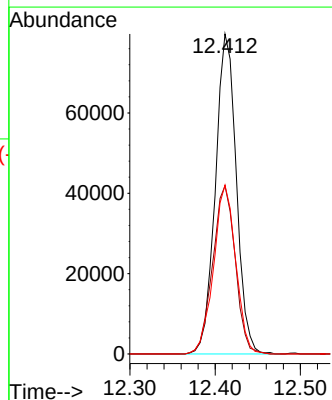
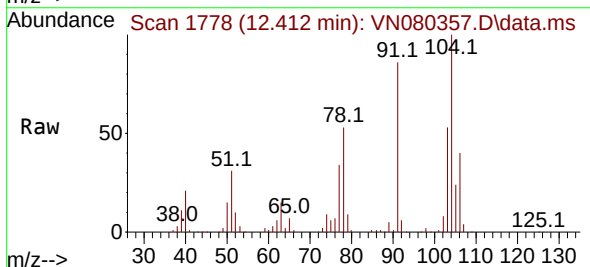
Manual Integrations
APPROVED

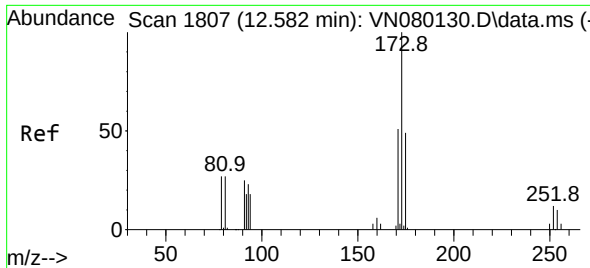
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#70
Styrene
Concen: 20.759 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

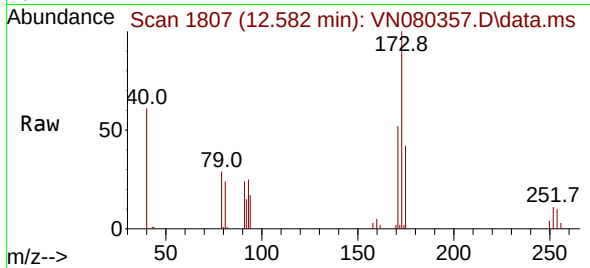
Tgt Ion:104 Resp: 136085
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 21.264 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

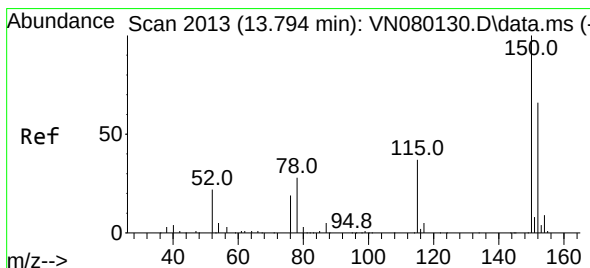
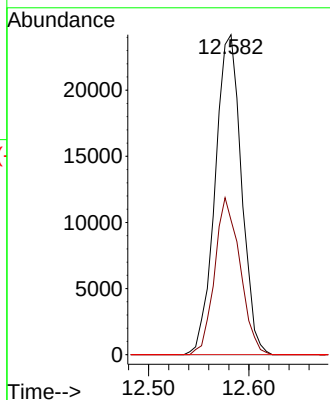
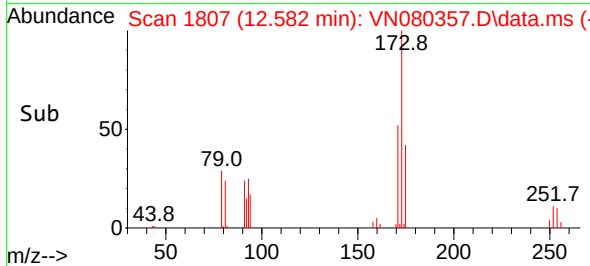
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



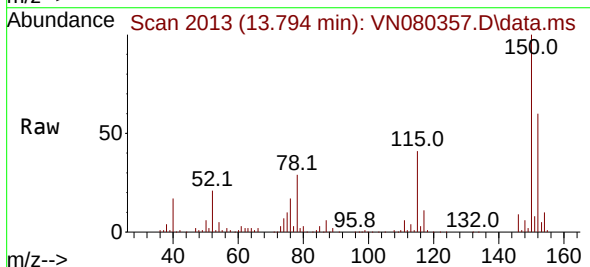
Tgt Ion:173 Resp: 44080
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

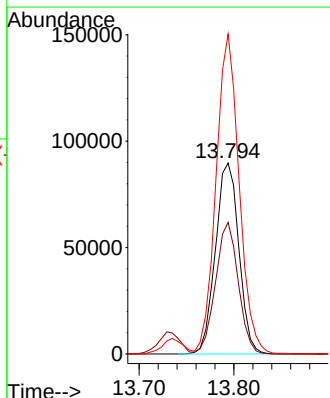
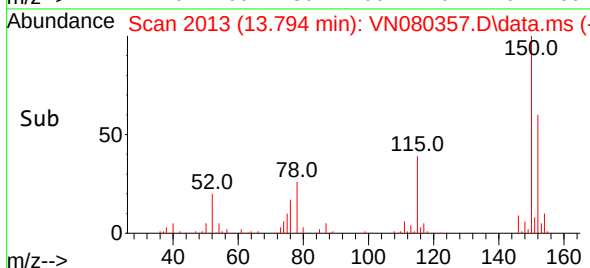
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

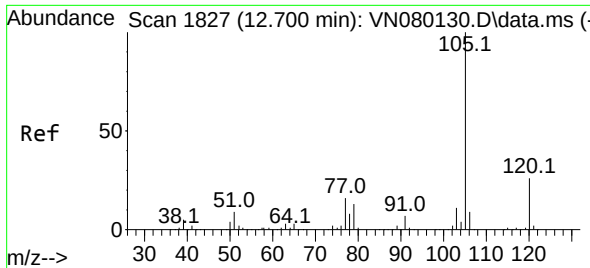


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion:152 Resp: 153891
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 165.6 0.0 355.8





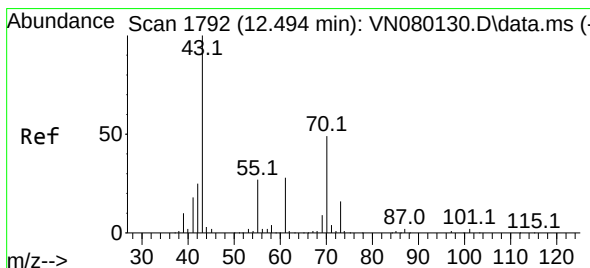
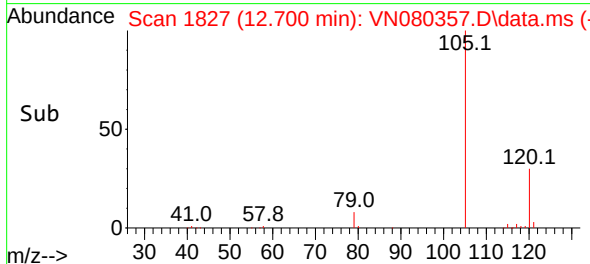
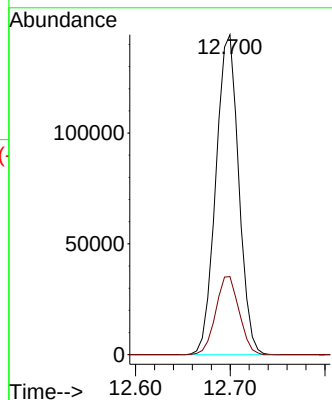
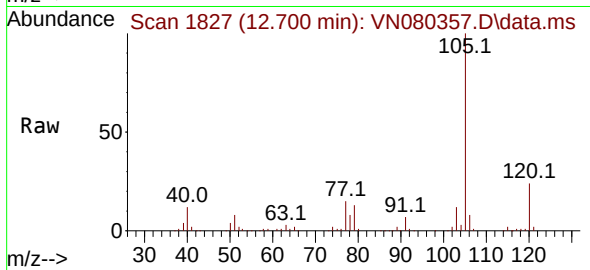
#73
Isopropylbenzene
Concen: 20.256 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion:105 Resp: 242220
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

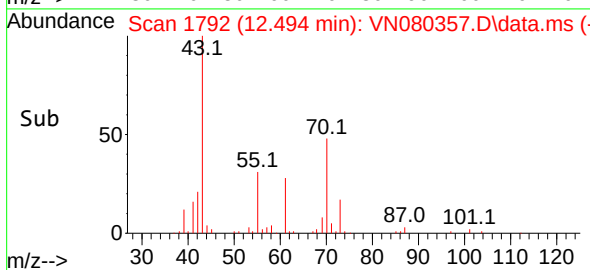
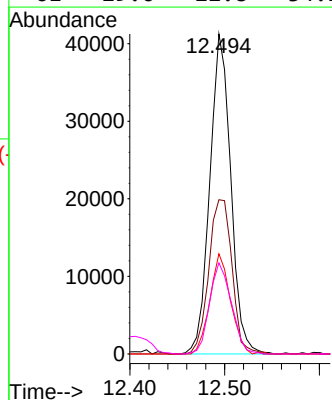
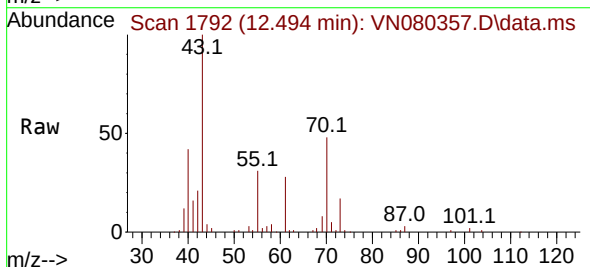
Manual Integrations
APPROVED

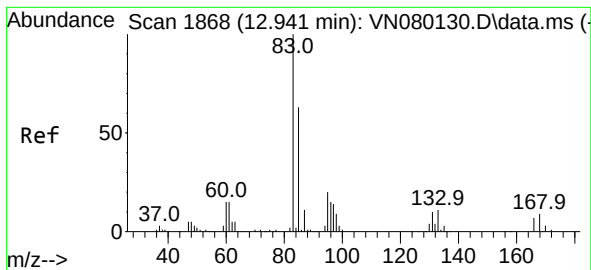
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#74
N-ethyl acetate
Concen: 16.999 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion: 43 Resp: 63394
Ion Ratio Lower Upper
43 100
70 53.3 43.4 65.2
55 31.1 21.4 32.0
61 29.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.828 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

Tgt Ion: 83 Resp: 6738

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

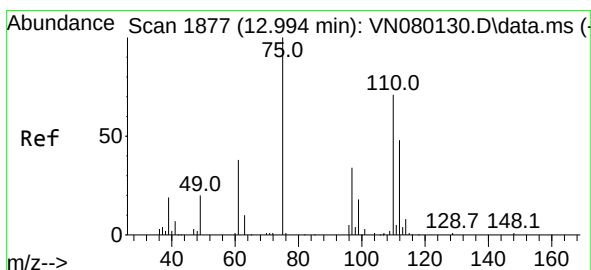
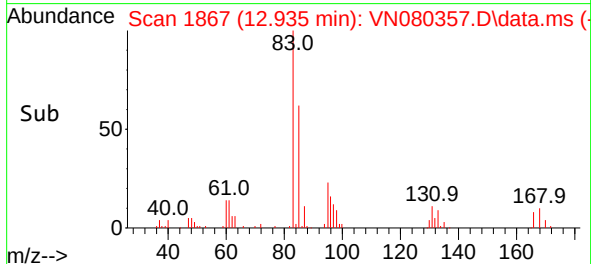
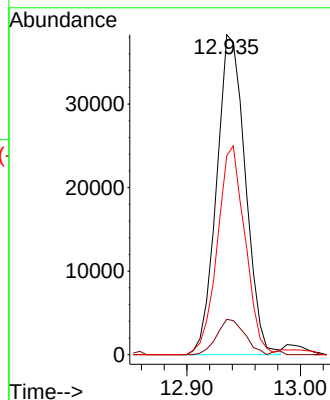
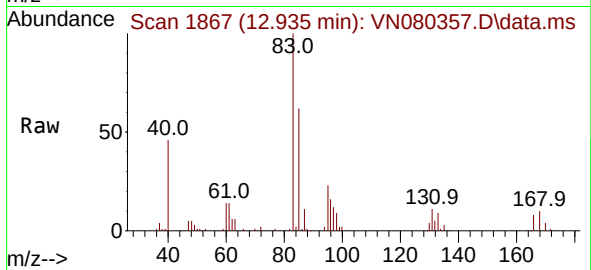
85 62.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#76

1,2,3-Trichloropropane

Concen: 19.251 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080357.D

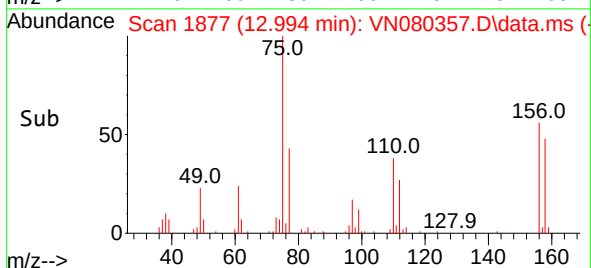
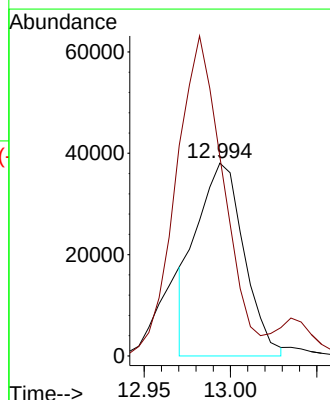
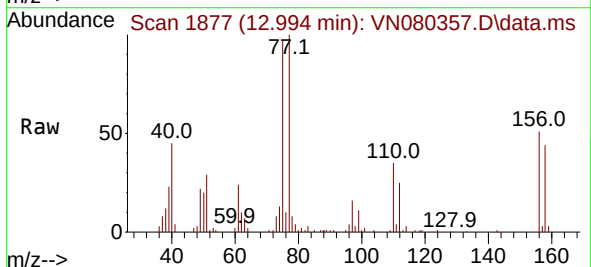
Acq: 05 Dec 2023 11:27

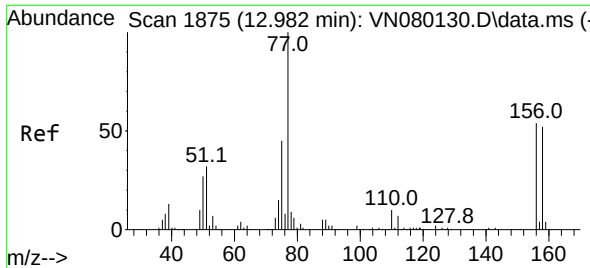
Tgt Ion: 75 Resp: 72586

Ion Ratio Lower Upper

75 100

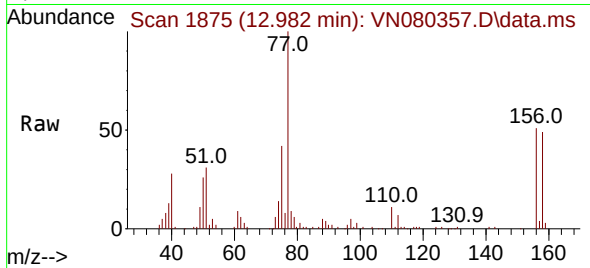
77 166.1 84.5 253.5





#77
Bromobenzene
Concen: 19.811 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

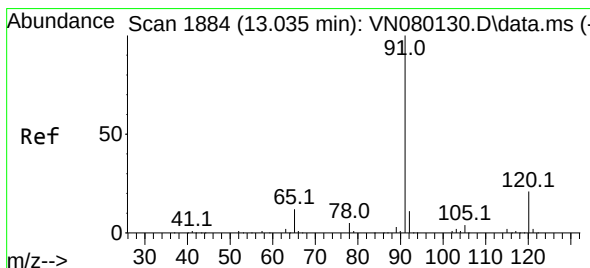
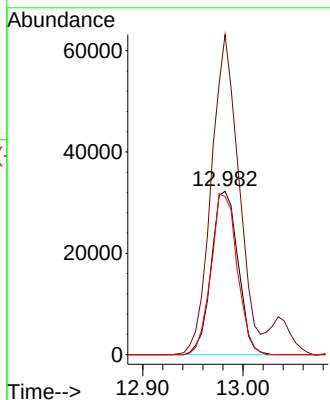
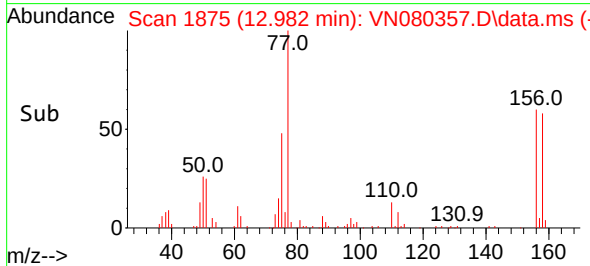
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



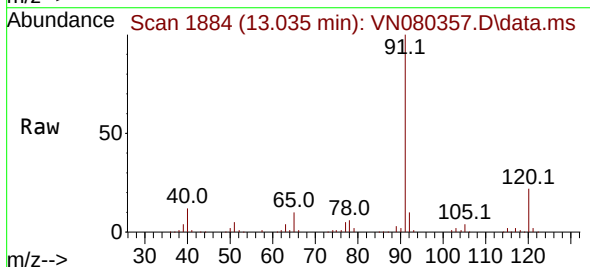
Tgt Ion:156 Resp: 59730
Ion Ratio Lower Upper
156 100
77 201.8 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

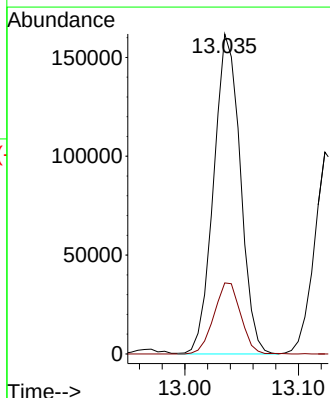
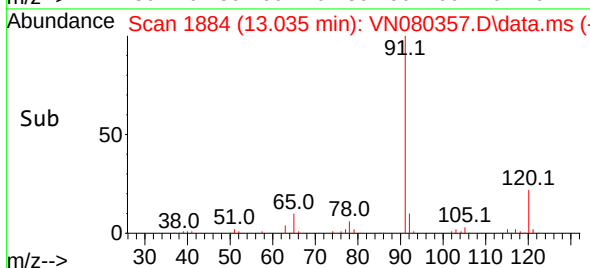
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

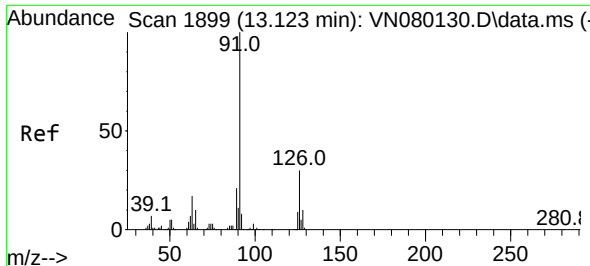


#78
n-propylbenzene
Concen: 19.752 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



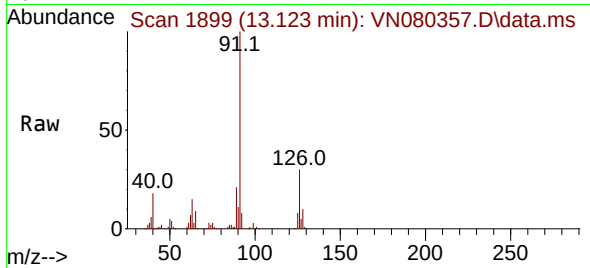
Tgt Ion: 91 Resp: 264128
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.120 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

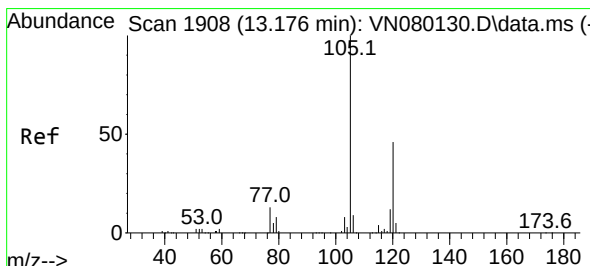
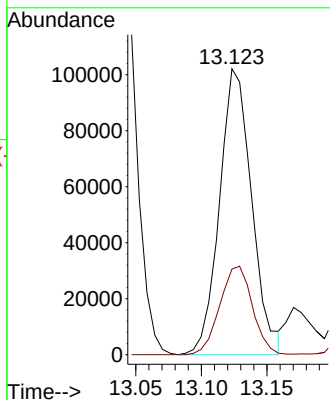
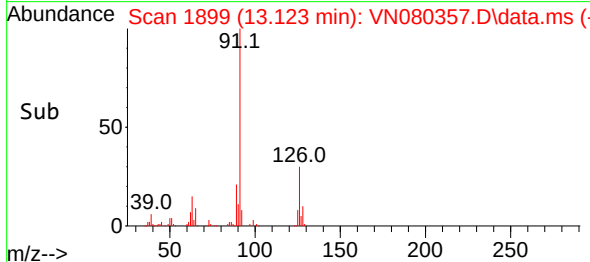
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



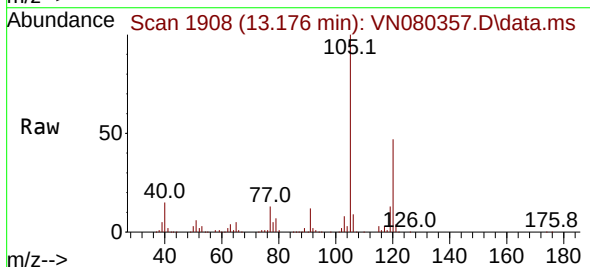
Tgt Ion: 91 Resp: 17474
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

Manual Integrations
APPROVED

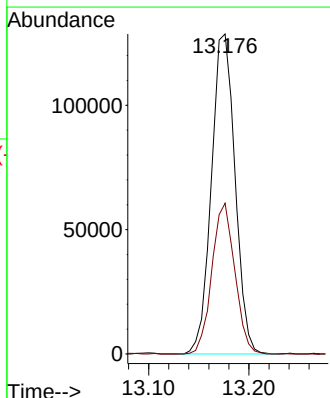
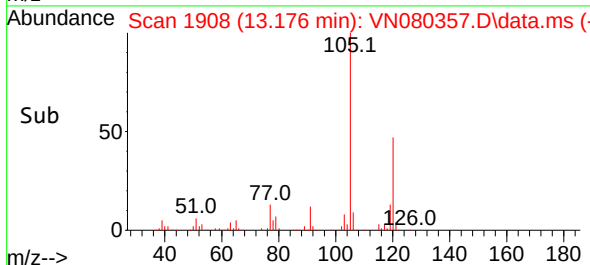
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

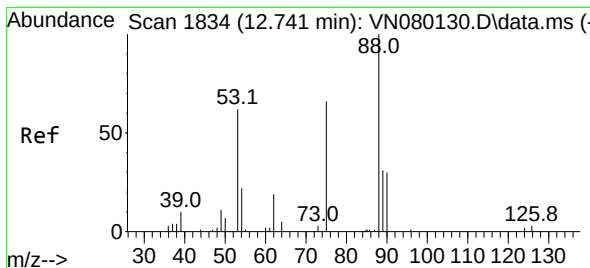


#80
1,3,5-Trimethylbenzene
Concen: 20.247 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



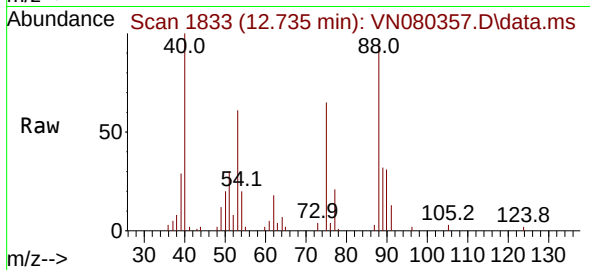
Tgt Ion:105 Resp: 210764
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.424 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

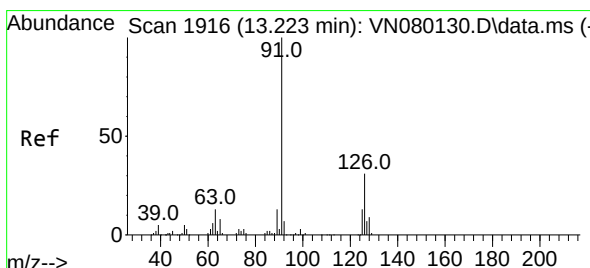
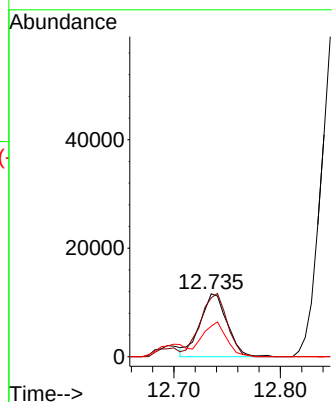
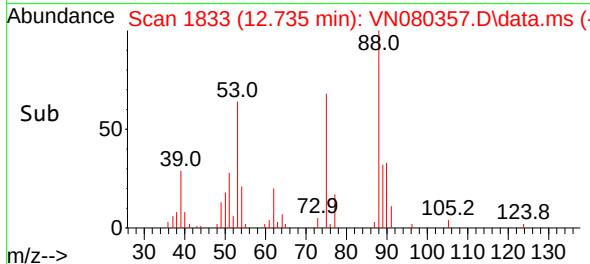
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



Tgt Ion: 75 Resp: 20562
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.2
89 47.4 38.8 58.2

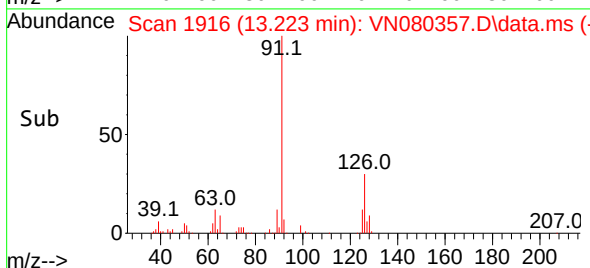
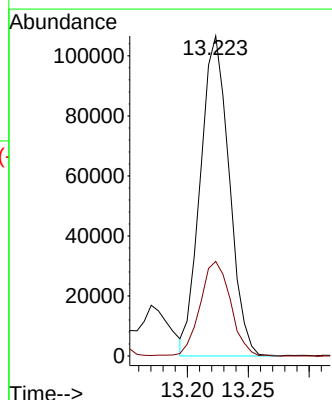
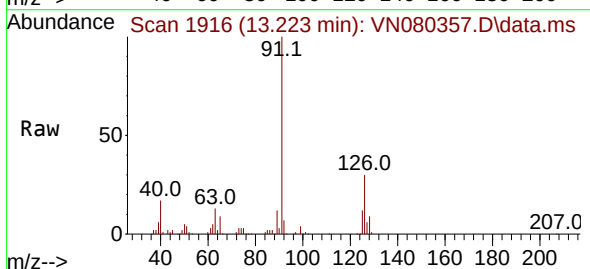
Manual Integrations
APPROVED

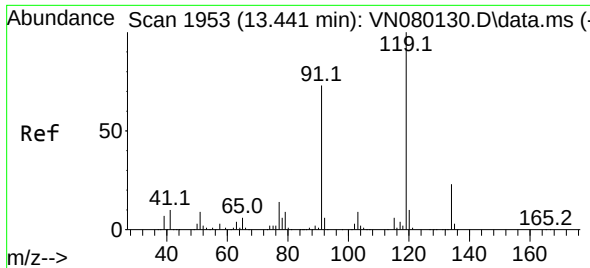
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#82
4-Chlorotoluene
Concen: 19.714 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

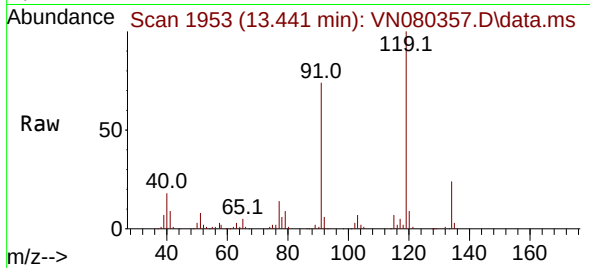
Tgt Ion: 91 Resp: 175410
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.546 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

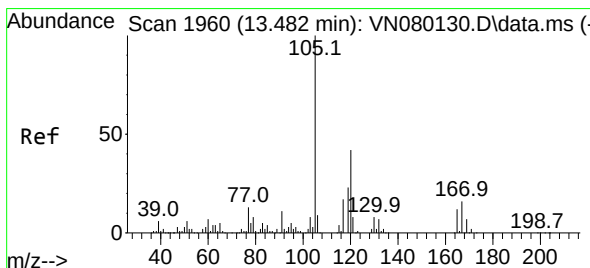
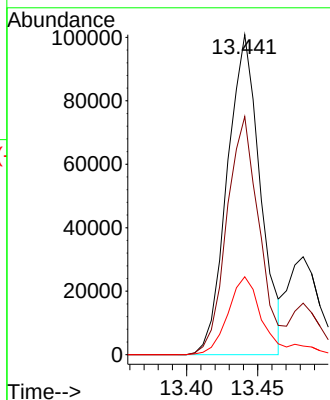
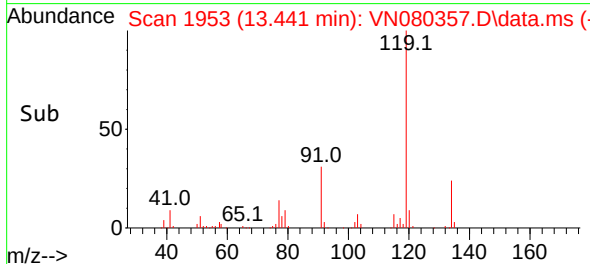
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



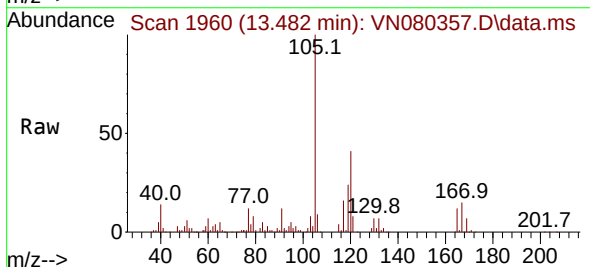
Tgt Ion:119 Resp: 163164
Ion Ratio Lower Upper
119 100
91 74.5 33.9 101.7
134 24.3 13.2 39.6

Manual Integrations
APPROVED

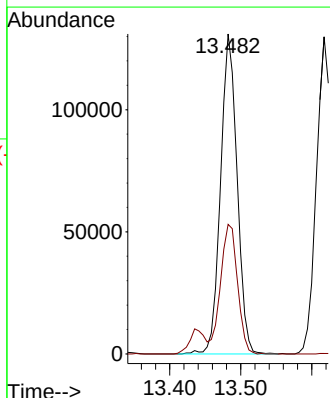
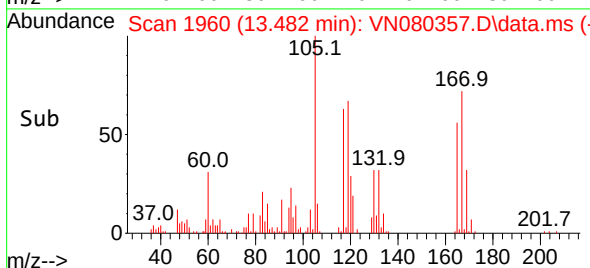
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

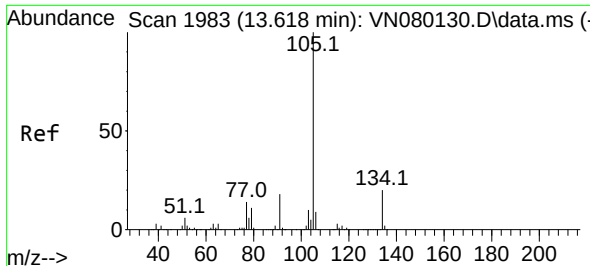


#84
1,2,4-Trimethylbenzene
Concen: 20.605 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion:105 Resp: 211207
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





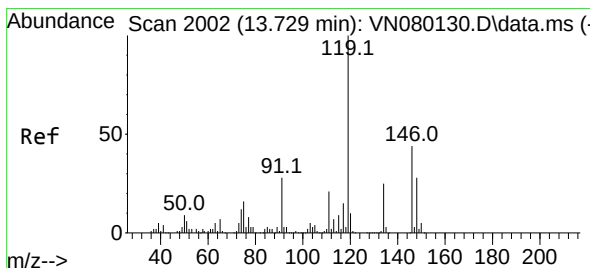
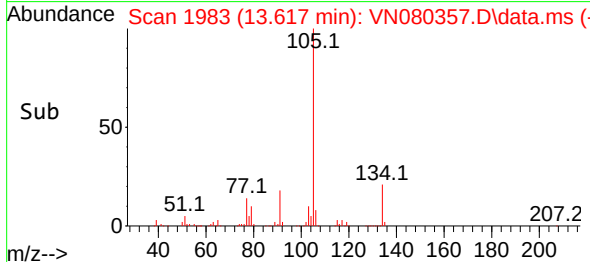
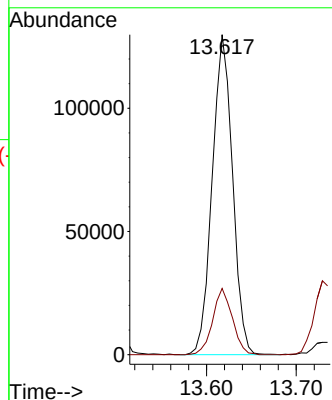
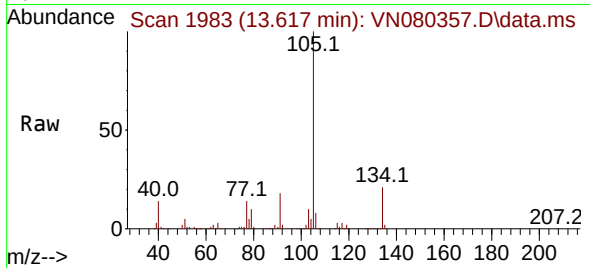
#85
 sec-Butylbenzene
 Concen: 19.308 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Tgt Ion:105 Resp: 203900
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

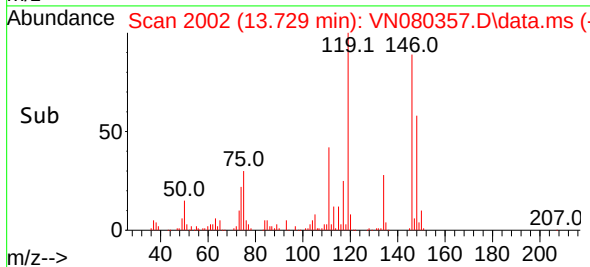
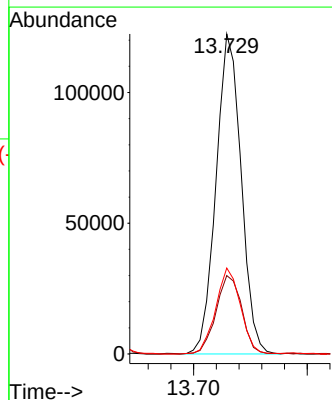
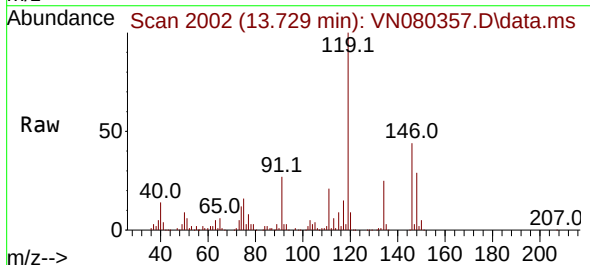
Manual Integrations
 APPROVED

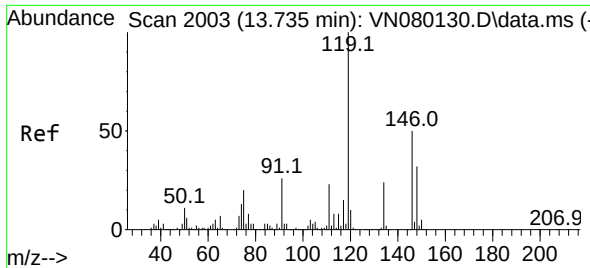
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#86
 p-Isopropyltoluene
 Concen: 19.889 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080357.D
 Acq: 05 Dec 2023 11:27

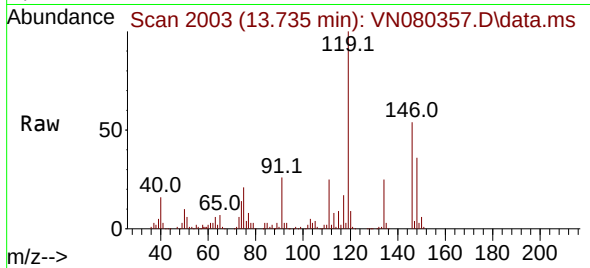
Tgt Ion:119 Resp: 187620
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.002 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

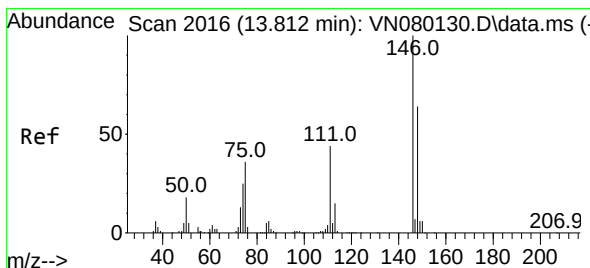
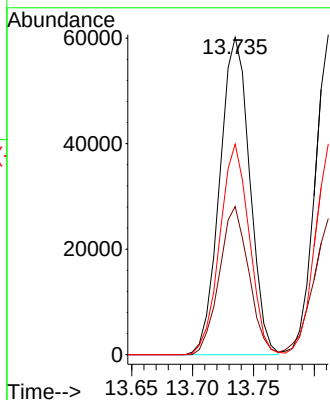
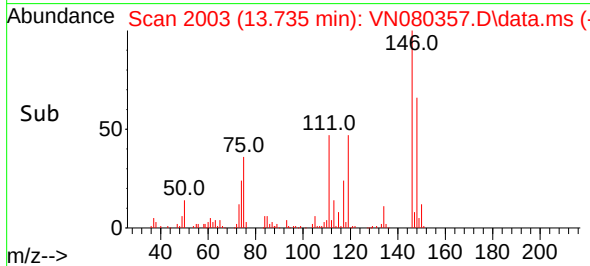
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



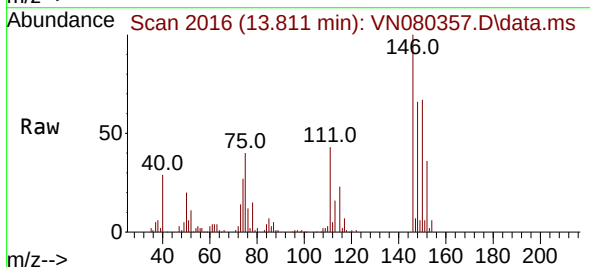
Tgt Ion:146 Resp: 10322
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 65.2 32.0 96.0

Manual Integrations
APPROVED

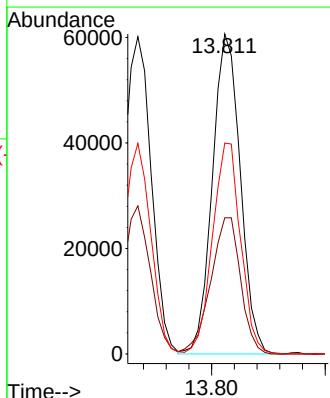
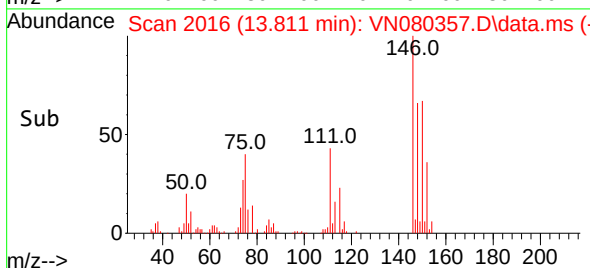
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

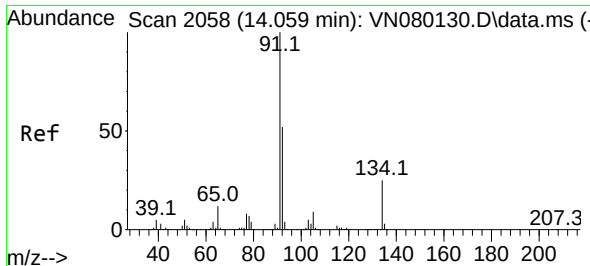


#88
1,4-Dichlorobenzene
Concen: 18.980 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion:146 Resp: 103608
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.8
148 66.4 31.6 94.8





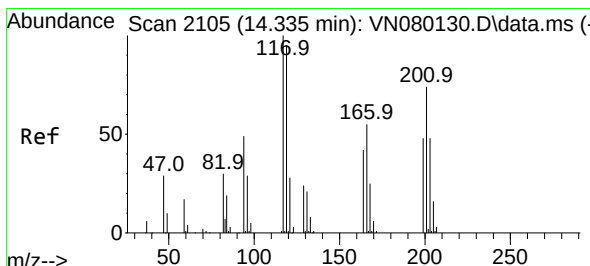
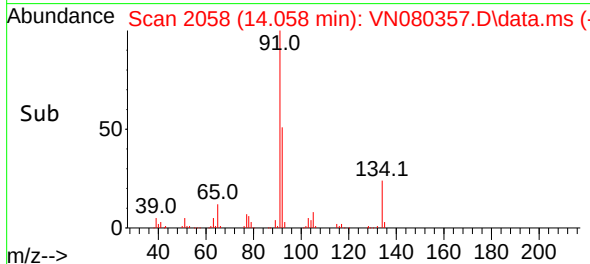
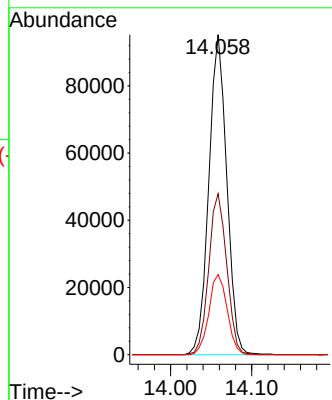
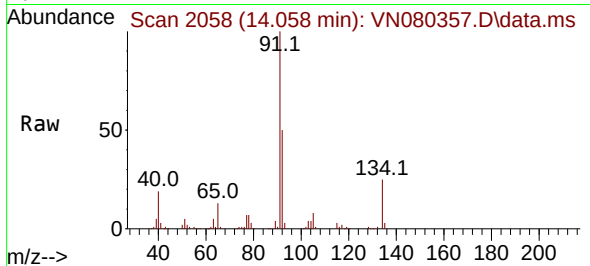
#89
n-Butylbenzene
Concen: 18.505 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Tgt Ion: 91 Resp: 146114
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 25.6 12.6 37.6

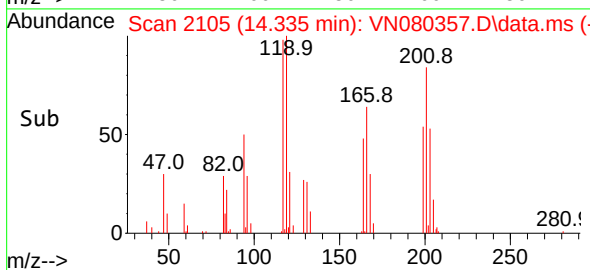
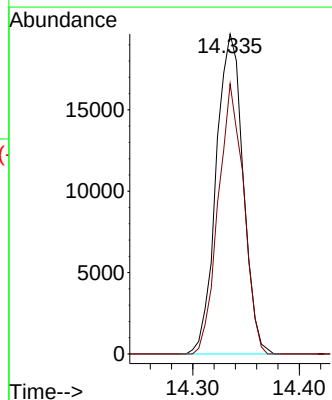
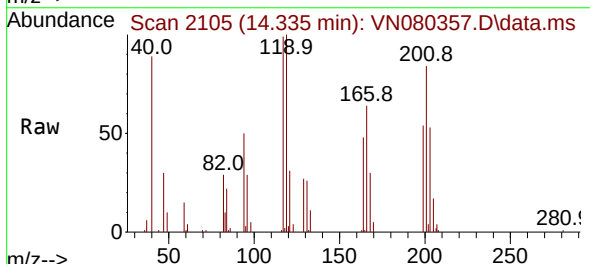
Manual Integrations
APPROVED

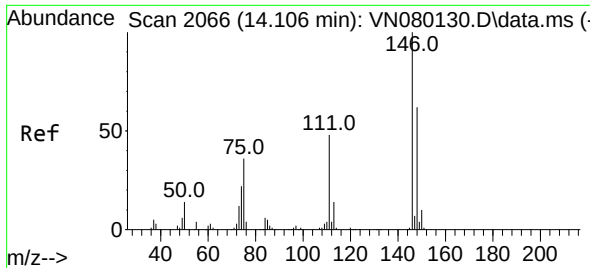
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#90
Hexachloroethane
Concen: 18.775 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

Tgt Ion:117 Resp: 34529
Ion Ratio Lower Upper
117 100
201 79.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.656 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01

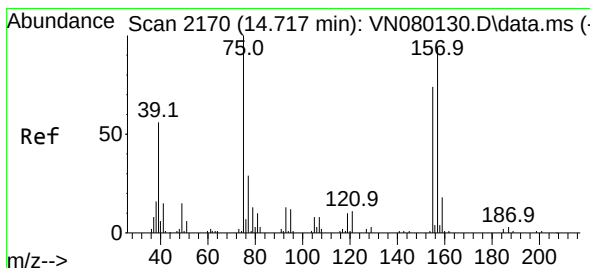
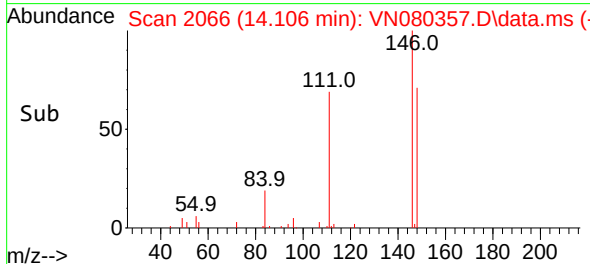
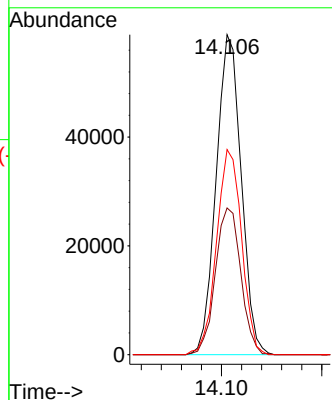
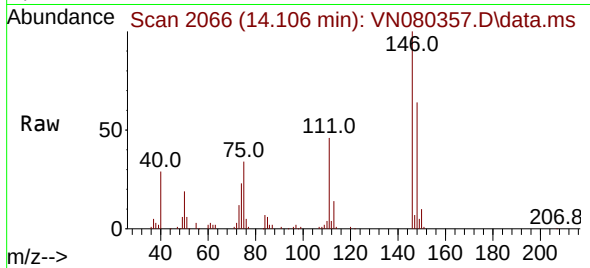
Tgt Ion:	146	Resp:	10217
Ion Ratio	Lower	Upper	
146	100		
111	46.6	22.0	66.0
148	64.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.659 ug/l

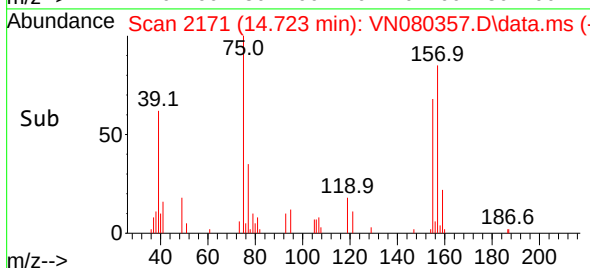
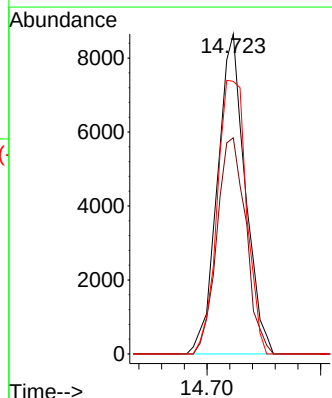
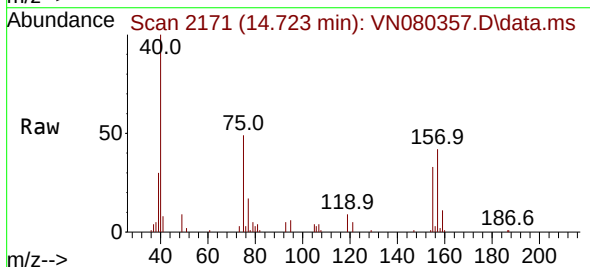
RT: 14.723 min Scan# 2171

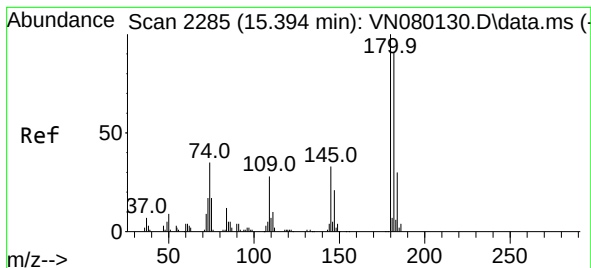
Delta R.T. 0.006 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

Tgt Ion:	75	Resp:	14681
Ion Ratio	Lower	Upper	
75	100		
155	70.4	39.1	117.2
157	90.0	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.424 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080357.D

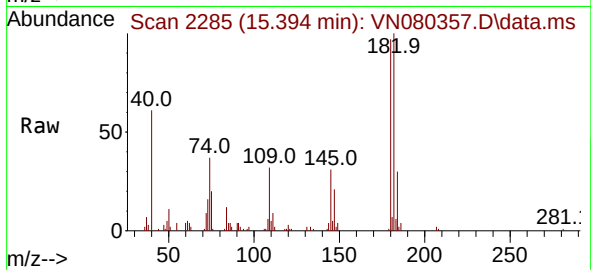
Acq: 05 Dec 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBS01



Tgt Ion:180 Resp: 4965

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

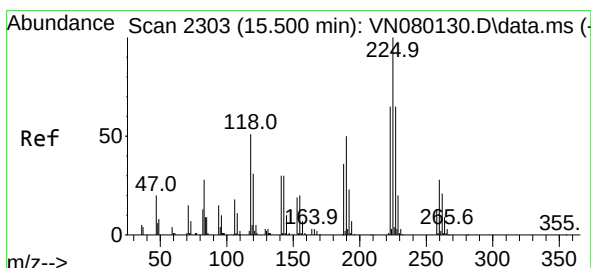
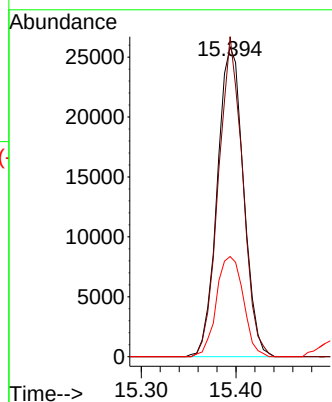
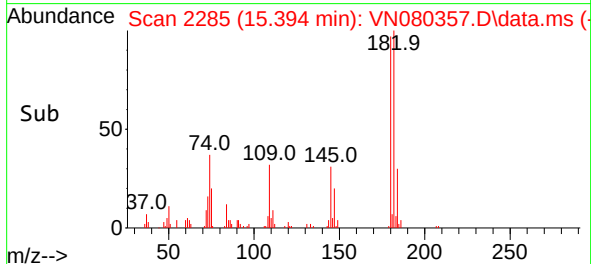
145 33.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#94

Hexachlorobutadiene

Concen: 17.266 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080357.D

Acq: 05 Dec 2023 11:27

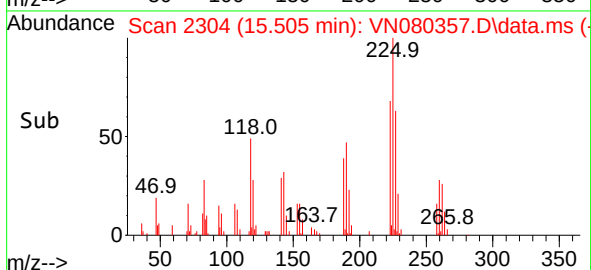
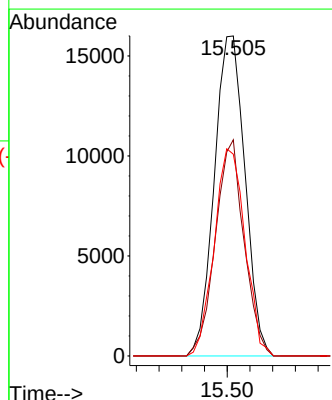
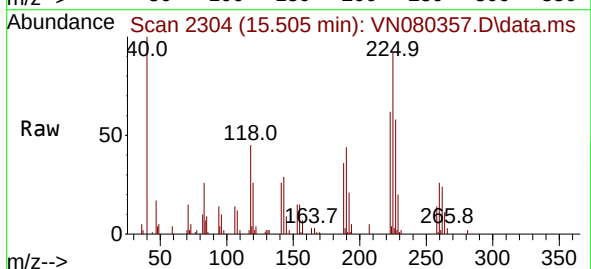
Tgt Ion:225 Resp: 30040

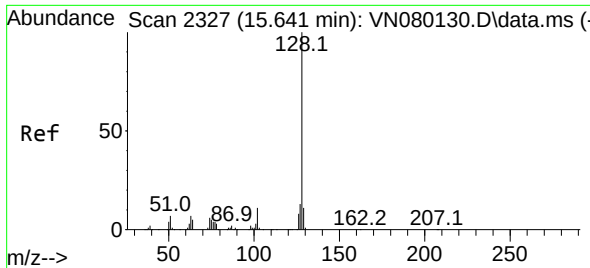
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

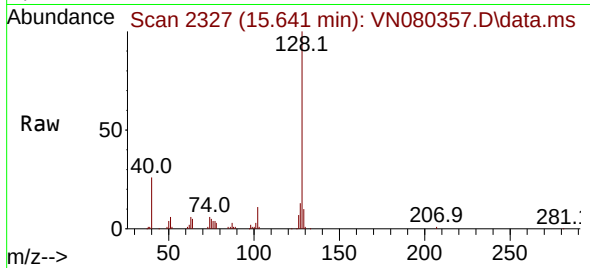
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 15.073 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27

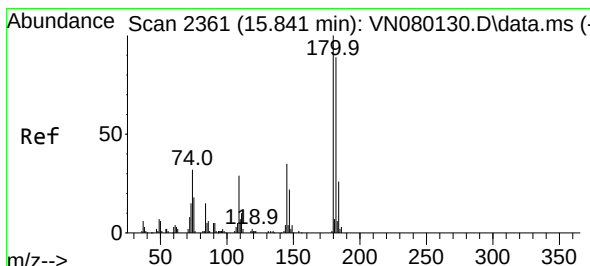
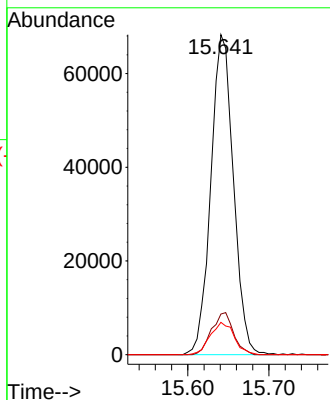
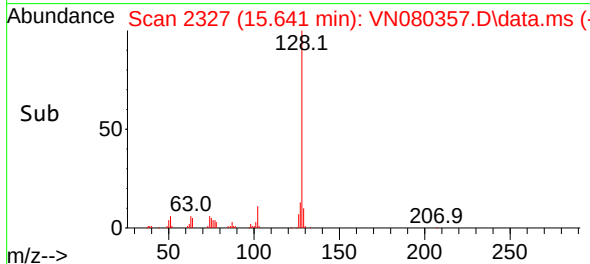
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01



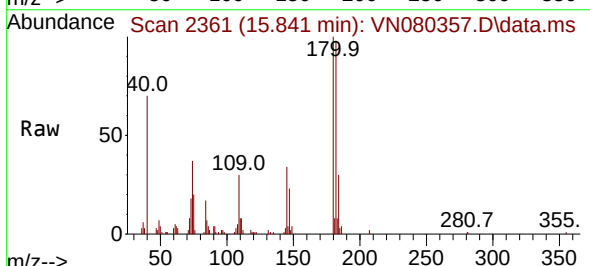
Tgt Ion:128 Resp: 132145
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.484 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080357.D
Acq: 05 Dec 2023 11:27



Tgt Ion:180 Resp: 46712
Ion Ratio Lower Upper
180 100
182 100.2 46.2 138.6
145 35.9 17.5 52.6

