

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080308.D
 Acq On : 29 Nov 2023 14:34
 Operator : JC\MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:45:08 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	8.224	168	261343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196876	45.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	8.165	113	147437	49.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.565	98	527532	49.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.847	95	191148	47.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63902	16.415	ug/l	96
3) Chloromethane	2.359	50	47218	16.133	ug/l	99
4) Vinyl Chloride	2.518	62	53656	17.323	ug/l	95
5) Bromomethane	2.959	94	36813	17.508	ug/l	99
6) Chloroethane	3.130	64	35598	17.473	ug/l	96
7) Trichlorofluoromethane	3.500	101	113837	17.619	ug/l	96
8) Diethyl Ether	3.959	74	32338	17.209	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	52234	17.687	ug/l	93
10) Methyl Iodide	4.589	142	54100	16.951	ug/l	90
11) Tert butyl alcohol	5.512	59	35795	75.431	ug/l	100
12) 1,1-Dichloroethene	4.336	96	48600	17.595	ug/l	95
13) Acrolein	4.177	56	28187	67.119	ug/l	98
14) Allyl chloride	5.024	41	58589	16.859	ug/l	92
15) Acrylonitrile	5.712	53	104349	81.912	ug/l	98
16) Acetone	4.418	43	100994	69.681	ug/l	95
17) Carbon Disulfide	4.706	76	124202	15.059	ug/l	96
18) Methyl Acetate	5.018	43	76975	16.530	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	172736	17.708	ug/l	97
20) Methylene Chloride	5.271	84	57261	18.866	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	52950	17.449	ug/l	86
22) Diisopropyl ether	6.671	45	142571	18.543	ug/l	96
23) Vinyl Acetate	6.600	43	379303	82.057	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	96710	17.269	ug/l	99
25) 2-Butanone	7.483	43	126324	73.358	ug/l	93
26) 2,2-Dichloropropane	7.488	77	99809	17.964	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	60801	17.673	ug/l	86
28) Bromochloromethane	7.812	49	41068	18.654	ug/l	95
29) Tetrahydrofuran	7.835	42	75878	82.074	ug/l	92
30) Chloroform	7.965	83	117186	18.722	ug/l	91
31) Cyclohexane	8.259	56	77067	16.422	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	112980	18.509	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77257	18.005	ug/l	96
37) Ethyl Acetate	7.559	43	46782	15.718	ug/l	97
38) Carbon Tetrachloride	8.359	117	100854	18.522	ug/l	96
39) Methylcyclohexane	9.600	83	71591	17.304	ug/l	95
40) Benzene	8.606	78	224195	18.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27626	16.902	ug/l	96
42) 1,2-Dichloroethane	8.671	62	90614	18.162	ug/l	98
43) Isopropyl Acetate	8.688	43	87083	15.036	ug/l	98
44) Trichloroethene	9.353	130	60045	18.771	ug/l	97
45) 1,2-Dichloropropane	9.618	63	54281	19.153	ug/l	99
46) Dibromomethane	9.706	93	41877	19.521	ug/l	93
47) Bromodichloromethane	9.888	83	91283	19.344	ug/l	99
48) Methyl methacrylate	9.682	41	51190	17.151	ug/l	90
49) 1,4-Dioxane	9.694	88	16093	324.103	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	260716	86.949	ug/l	98
52) Toluene	10.629	92	147587	19.338	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	86535	17.848	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	93003	18.776	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	55296	18.983	ug/l	94
56) Ethyl methacrylate	10.876	69	55409	18.620	ug/l	93
57) 1,3-Dichloropropane	11.165	76	95536	18.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	113445	67.670	ug/l	98
59) 2-Hexanone	11.194	43	190762	79.172	ug/l	96
60) Dibromochloromethane	11.359	129	67689	19.410	ug/l	99
61) 1,2-Dibromoethane	11.471	107	54594	18.372	ug/l	97
64) Tetrachloroethene	11.106	164	61119	22.346	ug/l	96
65) Chlorobenzene	11.888	112	149761	18.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	62844	19.941	ug/l	95
67) Ethyl Benzene	11.965	91	271312	18.775	ug/l	98
68) m/p-Xylenes	12.070	106	201407	38.226	ug/l	87
69) o-Xylene	12.400	106	96057	19.345	ug/l	87
70) Styrene	12.412	104	140190	18.969	ug/l	92
71) Bromoform	12.576	173	42829	18.326	ug/l #	97
73) Isopropylbenzene	12.694	105	252384	19.271	ug/l	100
74) N-amyl acetate	12.494	43	66487	16.280	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	68041	17.359	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	74212m	17.972	ug/l	
77) Bromobenzene	12.982	156	63485	19.227	ug/l	94
78) n-propylbenzene	13.035	91	282513	19.291	ug/l	99
79) 2-Chlorotoluene	13.123	91	185117	19.462	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	222933	19.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	24920	20.389	ug/l	89
82) 4-Chlorotoluene	13.223	91	184789	18.964	ug/l	97
83) tert-Butylbenzene	13.441	119	176182	19.271	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	222102	19.785	ug/l	97
85) sec-Butylbenzene	13.617	105	222822	19.267	ug/l	99
86) p-Isopropyltoluene	13.729	119	203764	19.723	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	108221	18.192	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	109242	18.273	ug/l	97
89) n-Butylbenzene	14.059	91	159340	18.427	ug/l	99
90) Hexachloroethane	14.335	117	36376	18.061	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	106778	18.757	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13766	15.120	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	52311	15.799	ug/l	99
94) Hexachlorobutadiene	15.500	225	32482	17.048	ug/l	97
95) Naphthalene	15.641	128	129153	13.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49836	16.059	ug/l	97

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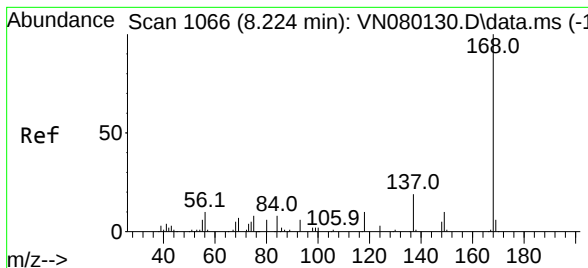
Manual Integrations
APPROVED

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



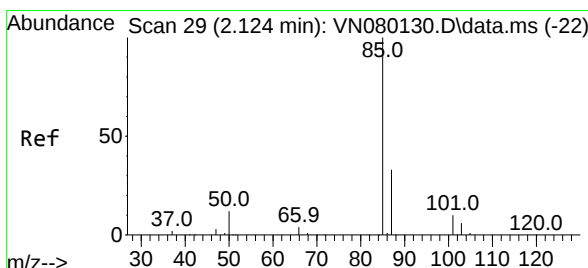
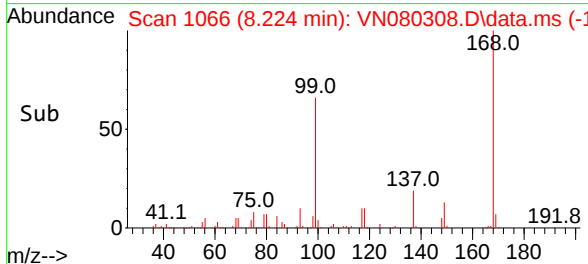
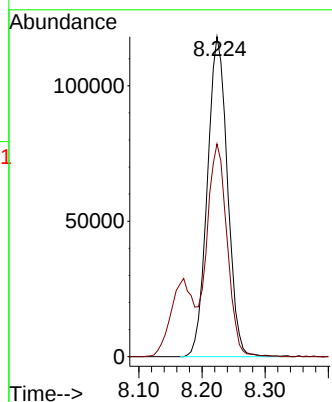
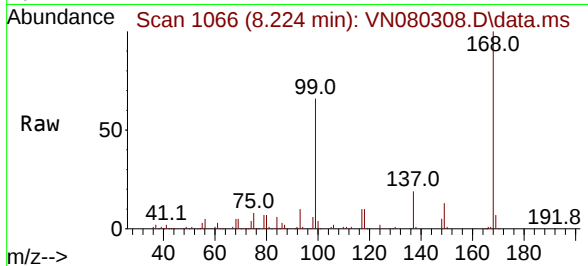
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:168 Resp: 26134
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6

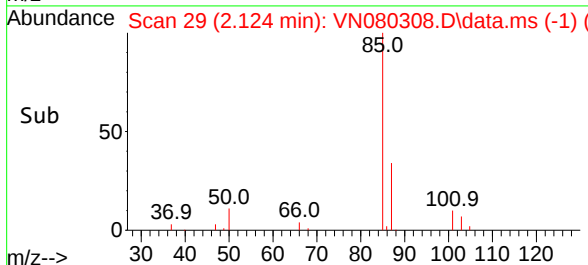
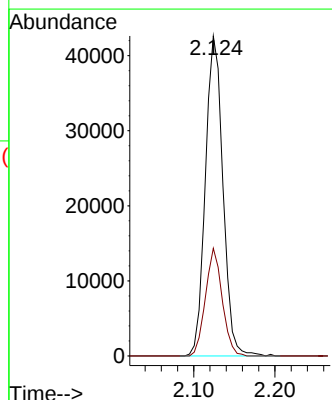
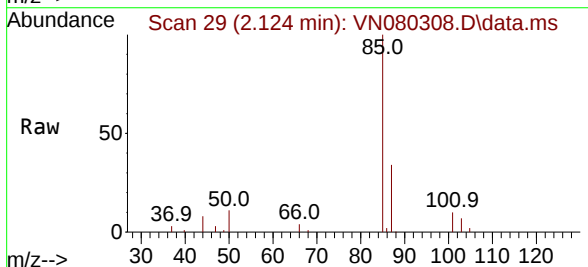
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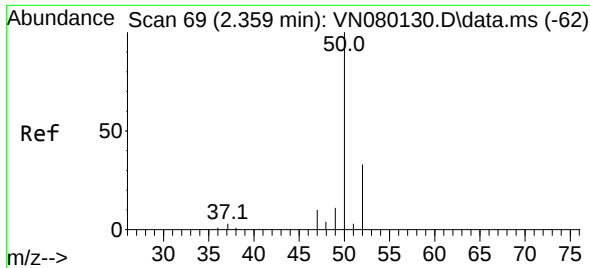
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#2
Dichlorodifluoromethane
Concen: 16.415 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

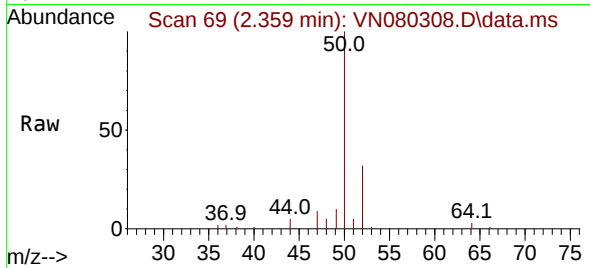
Tgt Ion: 85 Resp: 63902
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 16.133 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

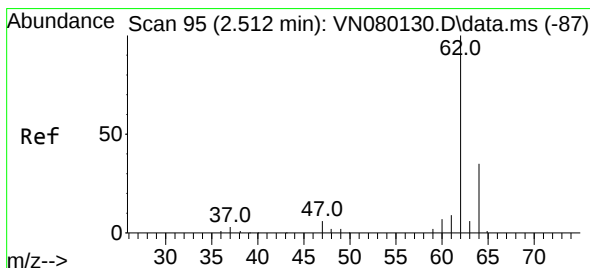
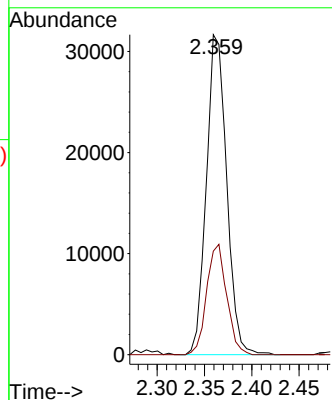
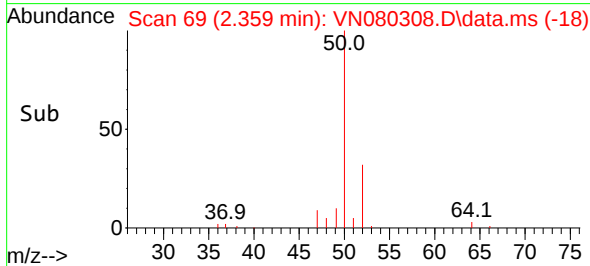
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 47218
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

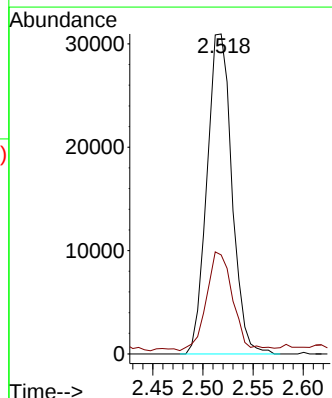
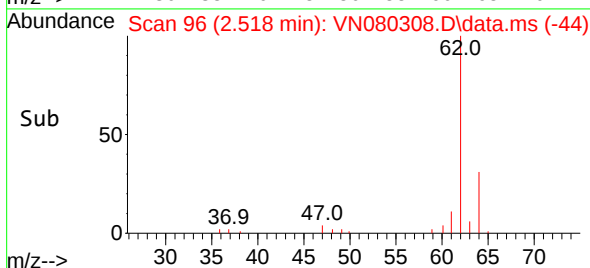
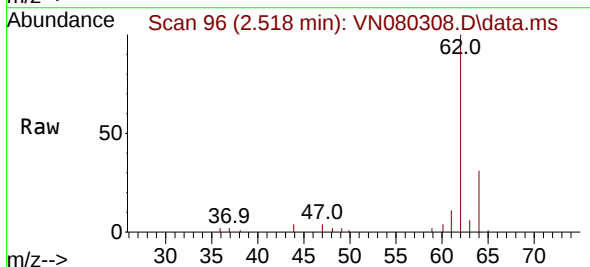
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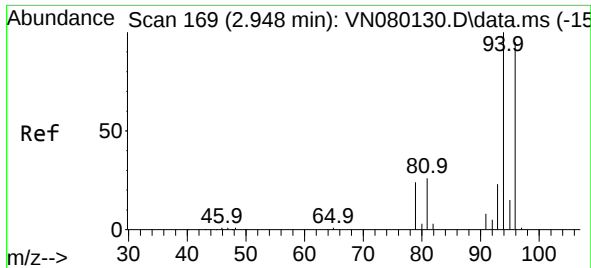
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#4
Vinyl Chloride
Concen: 17.323 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 62 Resp: 53656
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





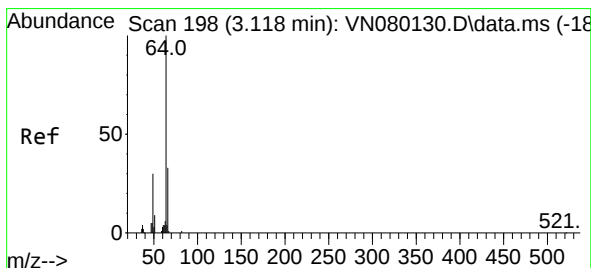
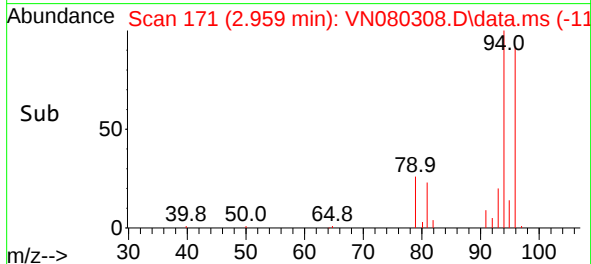
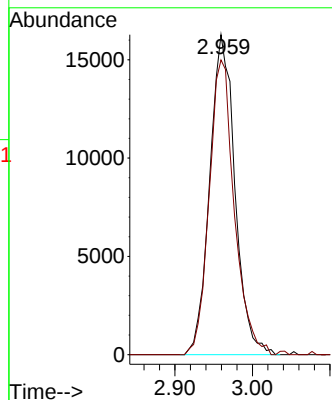
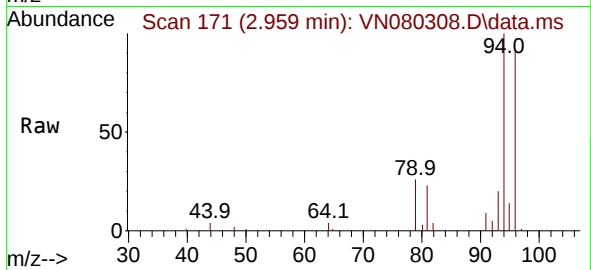
#5
Bromomethane
Concen: 17.508 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

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Tgt Ion: 94 Resp: 3681
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7

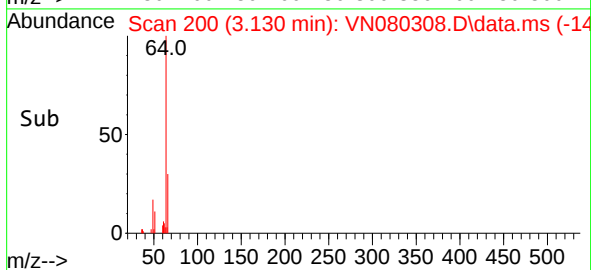
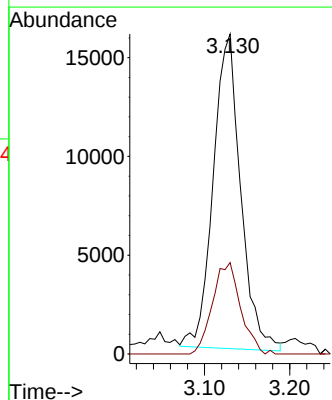
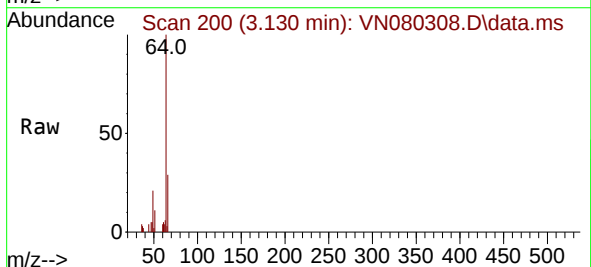
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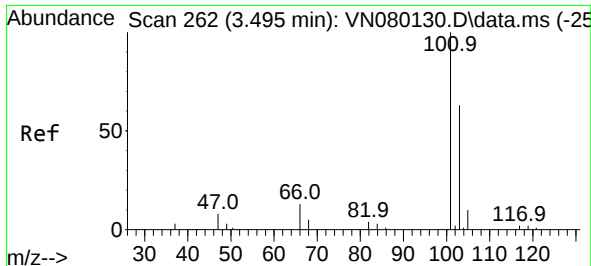
Reviewed By :John Carlone 11/30/2023
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#6
Chloroethane
Concen: 17.473 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 64 Resp: 35598
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2





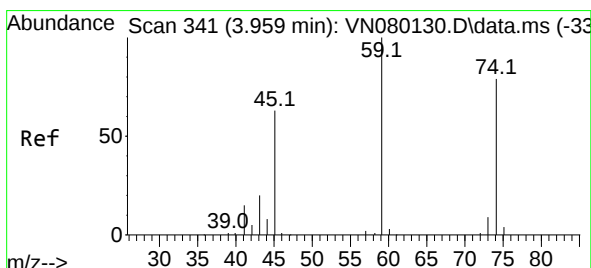
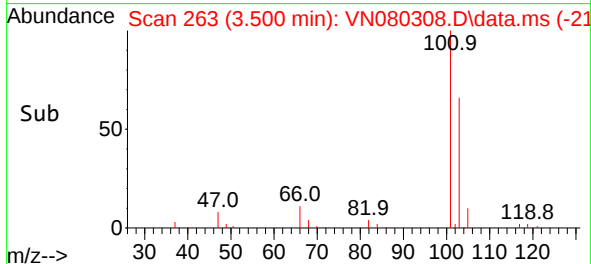
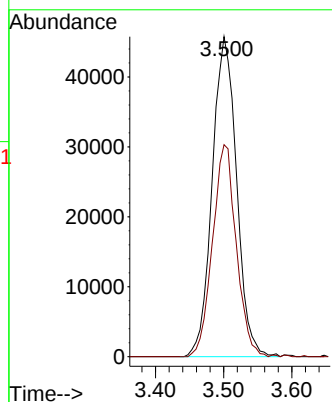
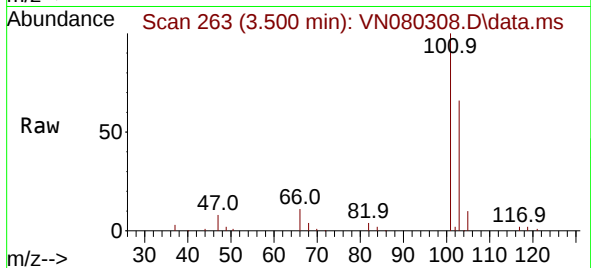
#7
Trichlorofluoromethane
Concen: 17.619 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 11383
Ion Ratio Lower Upper
101 100
103 66.3 50.7 76.1

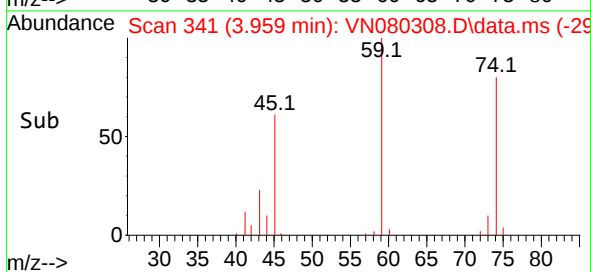
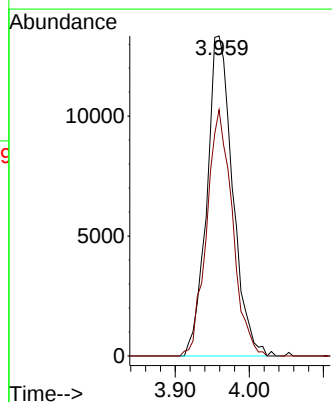
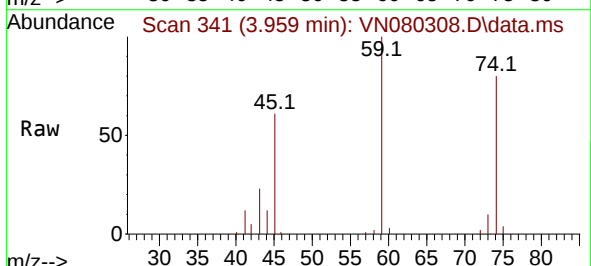
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#8
Diethyl Ether
Concen: 17.209 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080308.D
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Tgt Ion: 74 Resp: 32338
Ion Ratio Lower Upper
74 100
45 76.6 34.4 103.3





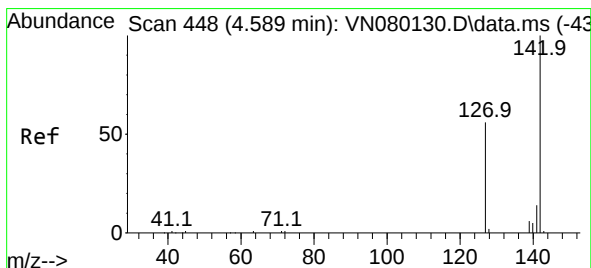
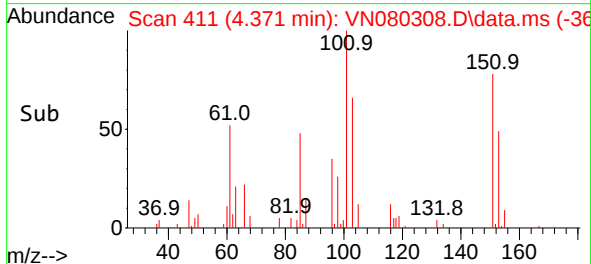
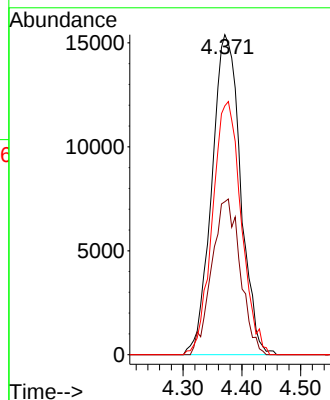
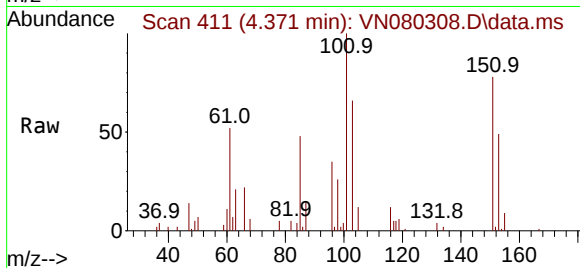
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.687 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:101 Resp: 52234
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 79.3 57.6 86.4

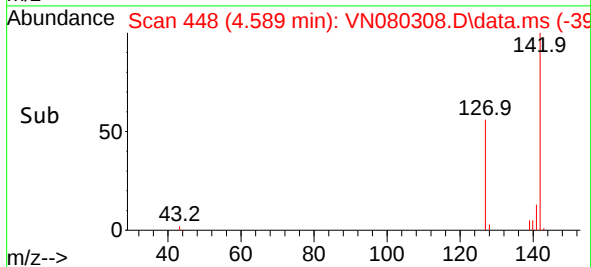
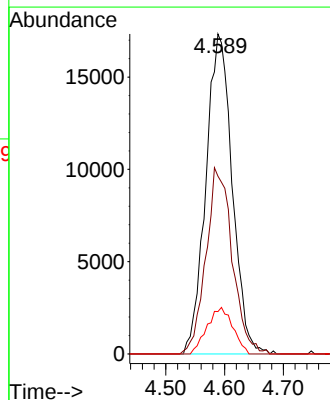
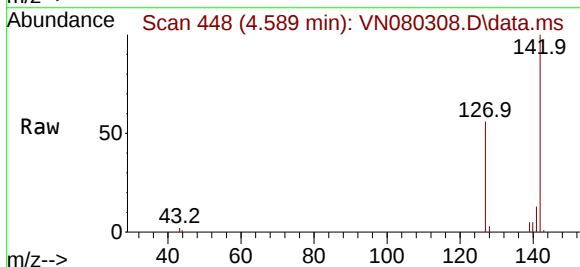
Manual Integrations
APPROVED

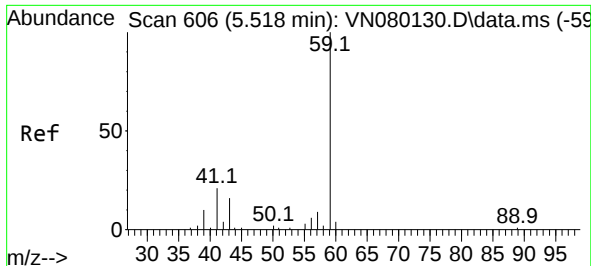
Reviewed By :John Carbone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#10
Methyl Iodide
Concen: 16.951 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion:142 Resp: 54100
Ion Ratio Lower Upper
142 100
127 55.5 37.6 56.4
141 13.3 11.4 17.0





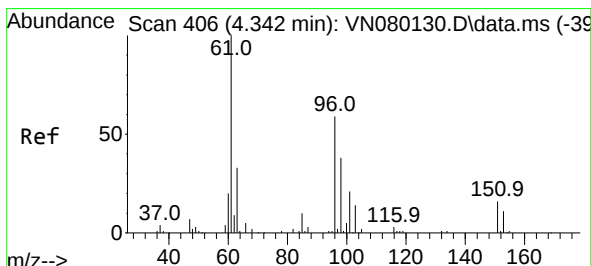
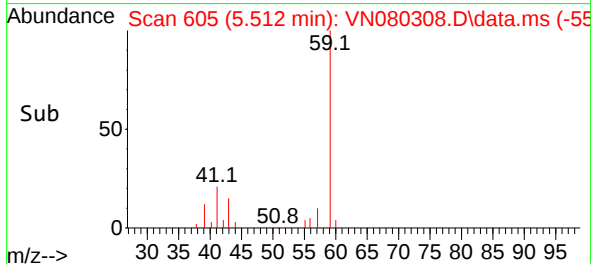
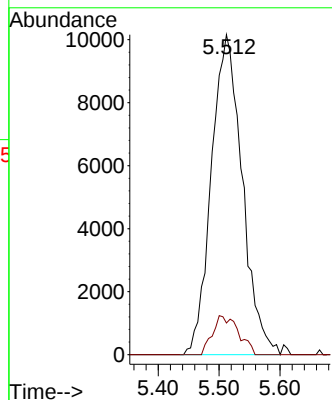
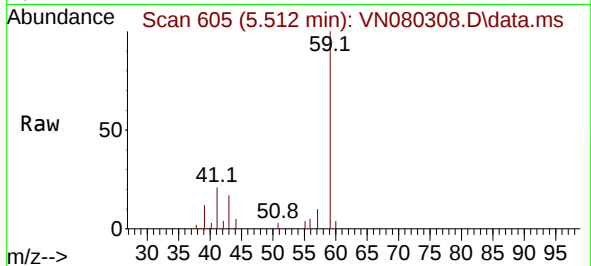
#11
Tert butyl alcohol
Concen: 75.431 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 59 Resp: 3579
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

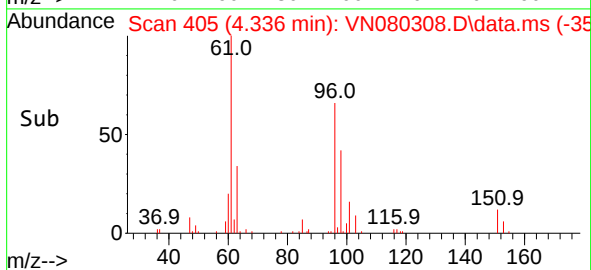
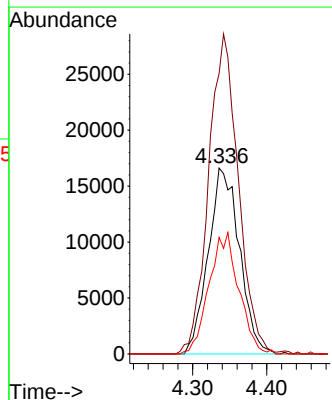
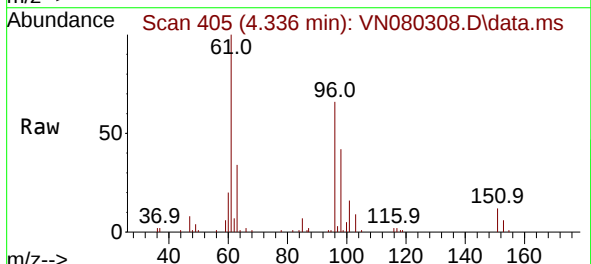
Manual Integrations
APPROVED

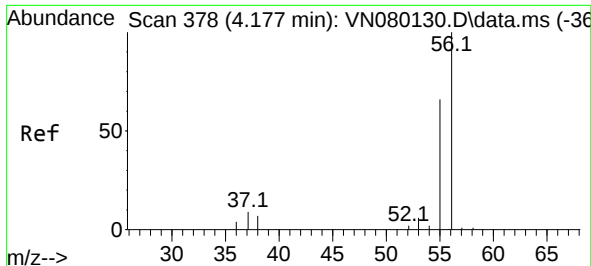
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#12
1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

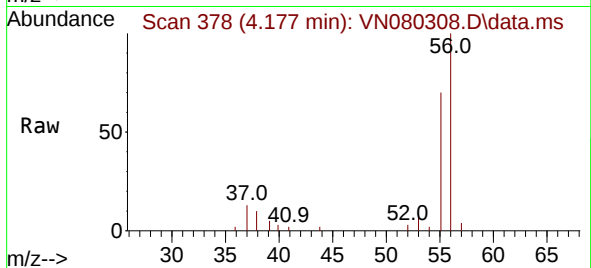
Tgt Ion: 96 Resp: 48600
Ion Ratio Lower Upper
96 100
61 149.6 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 67.119 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

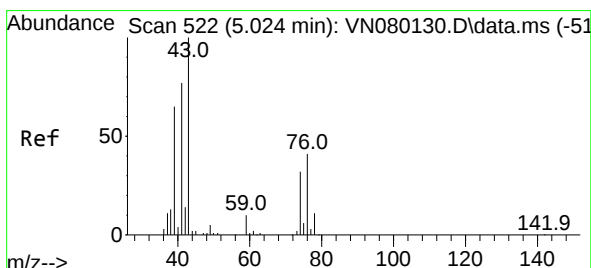
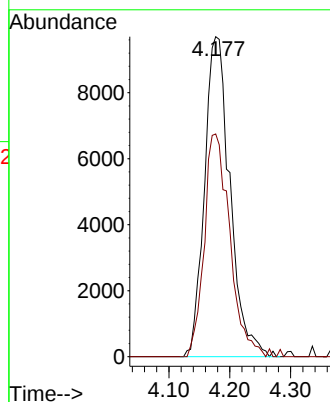
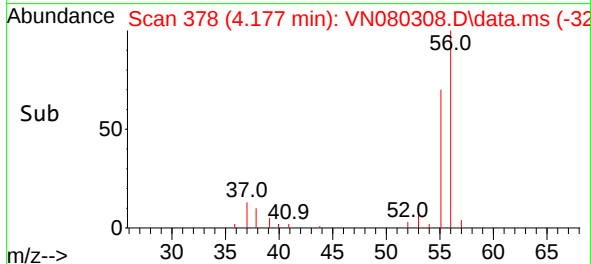
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 56 Resp: 2818
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

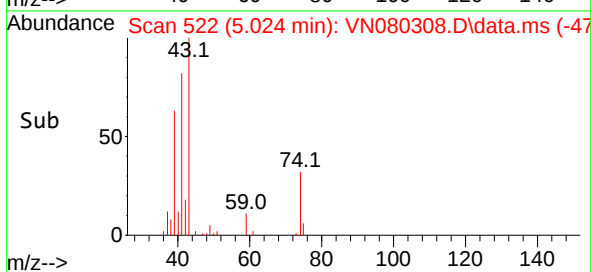
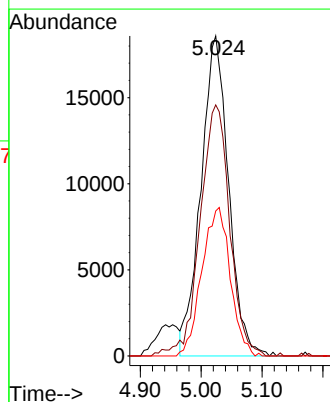
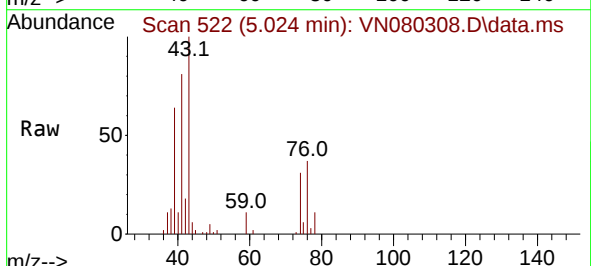
Manual Integrations
APPROVED

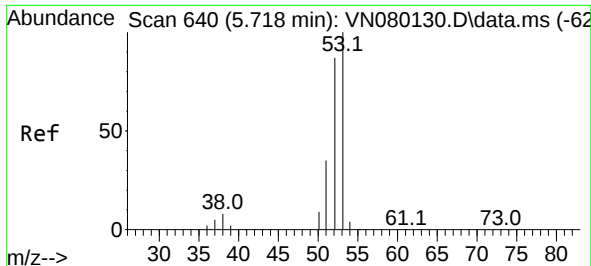
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#14
Allyl chloride
Concen: 16.859 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

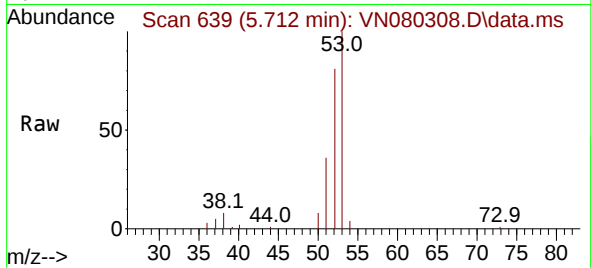
Tgt Ion: 41 Resp: 58589
Ion Ratio Lower Upper
41 100
39 83.8 58.8 88.2
76 47.6 39.1 58.7





#15
Acrylonitrile
Concen: 81.912 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

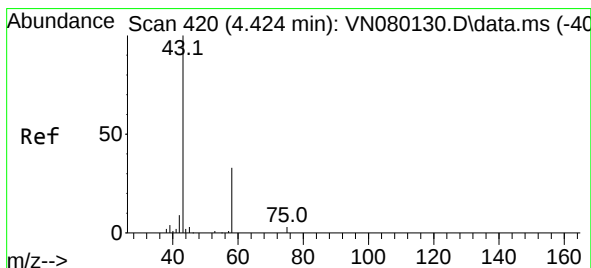
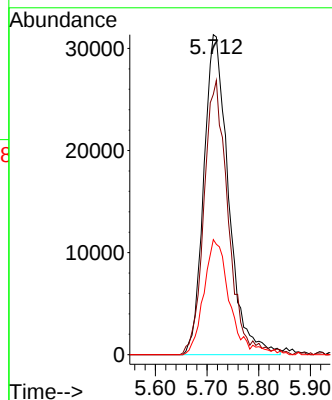
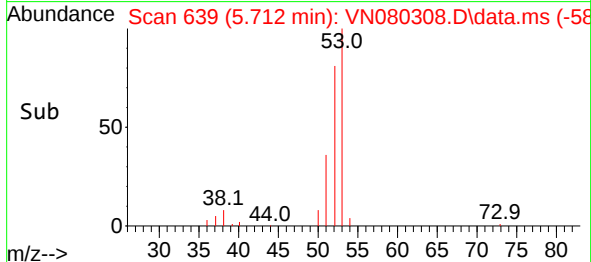
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 53 Resp: 104349
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.8 28.9 43.3

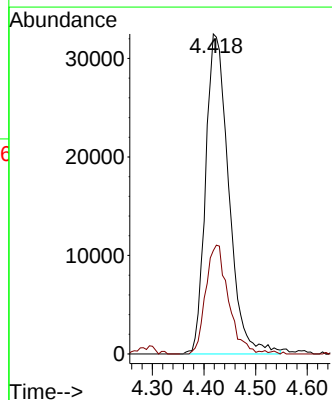
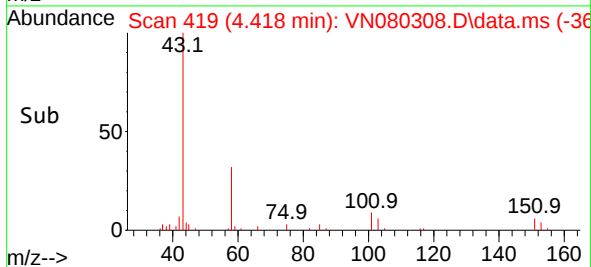
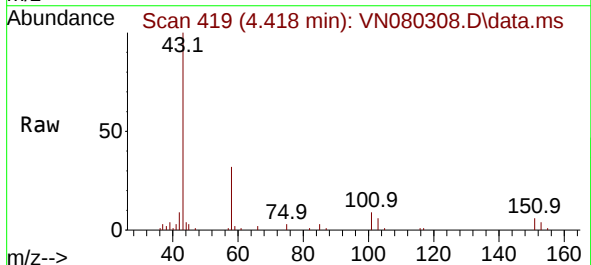
Manual Integrations
APPROVED

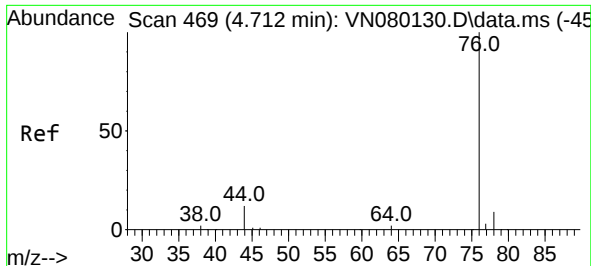
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#16
Acetone
Concen: 69.681 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 43 Resp: 100994
Ion Ratio Lower Upper
43 100
58 32.3 28.0 42.0





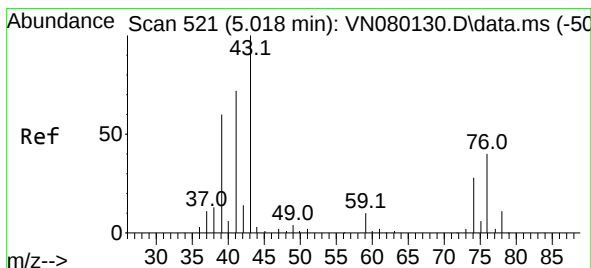
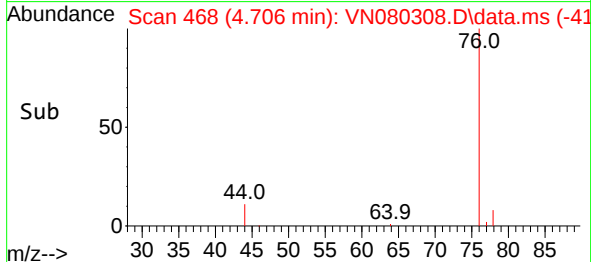
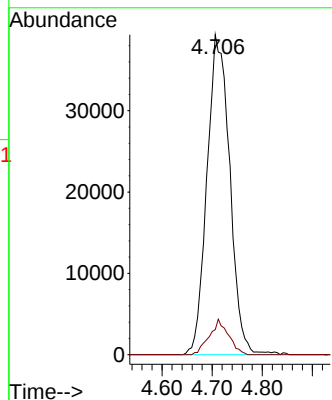
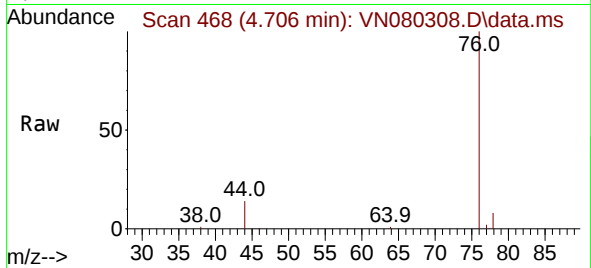
#17
Carbon Disulfide
Concen: 15.059 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 76 Resp: 12420
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

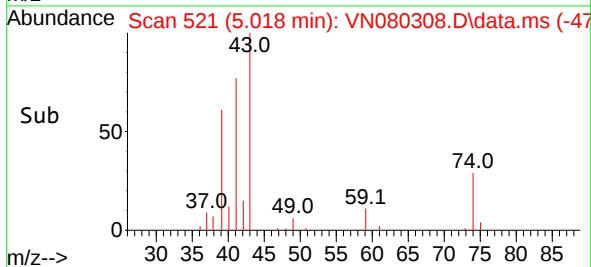
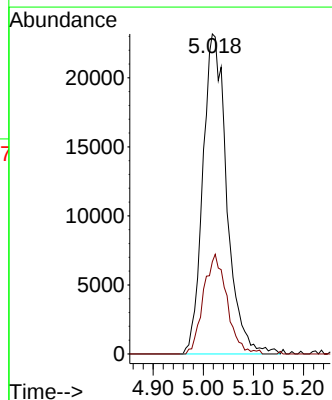
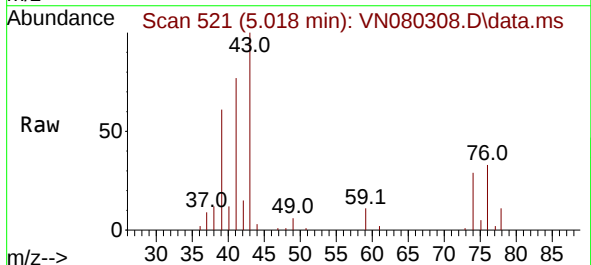
Manual Integrations
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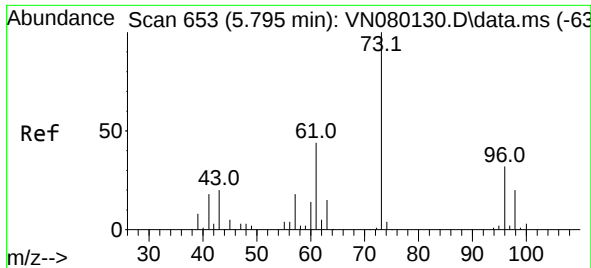
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#18
Methyl Acetate
Concen: 16.530 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 43 Resp: 76975
Ion Ratio Lower Upper
43 100
74 30.6 26.2 39.4





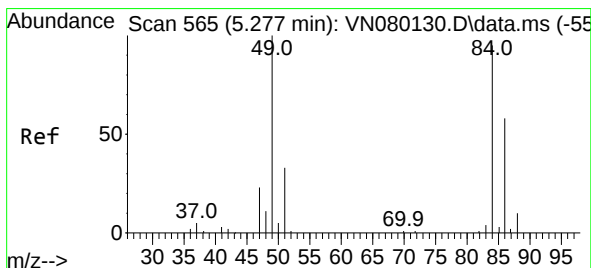
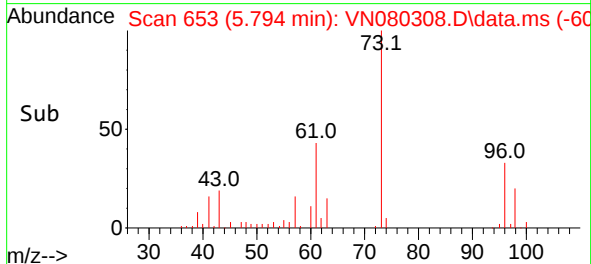
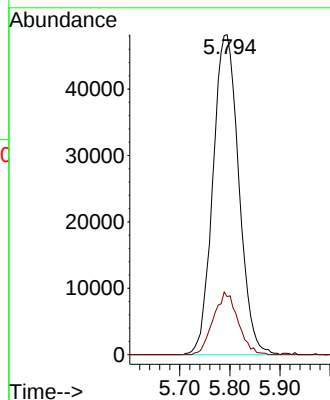
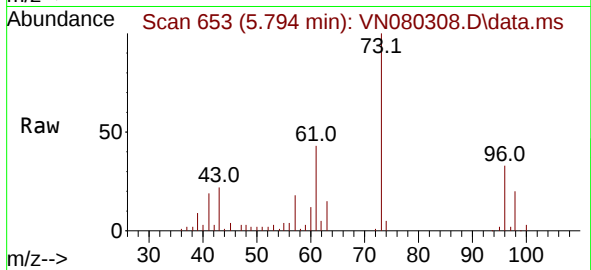
#19
Methyl tert-butyl Ether
Concen: 17.708 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 73 Resp: 172730
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

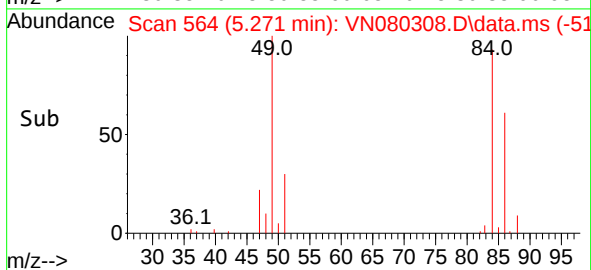
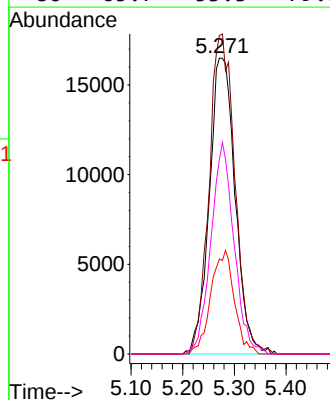
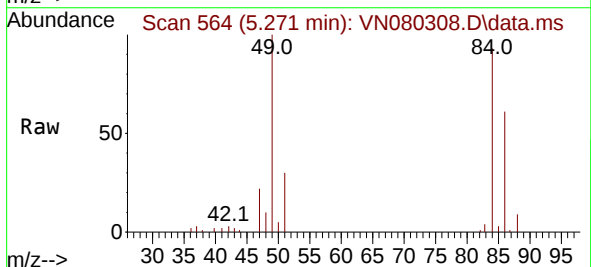
Manual Integrations
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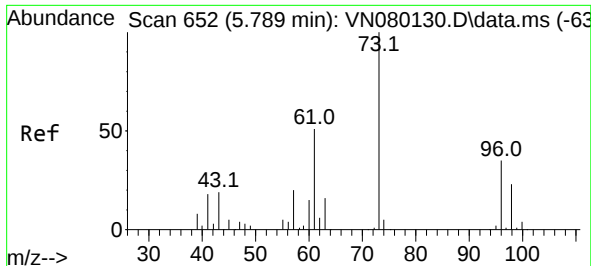
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#20
Methylene Chloride
Concen: 18.866 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 84 Resp: 57261
Ion Ratio Lower Upper
84 100
49 107.7 79.7 119.5
51 32.1 25.2 37.8
86 65.7 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 17.449 ug/l

RT: 5.789 min Scan# 652

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 96 Resp: 52950

Ion Ratio Lower Upper

96 100

61 133.1 90.1 135.1

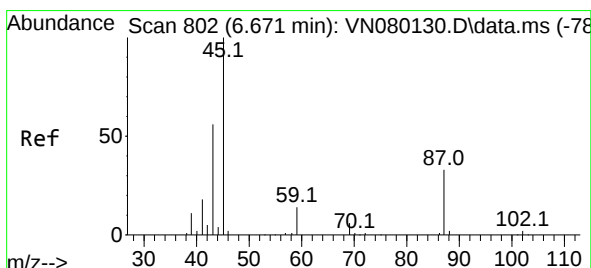
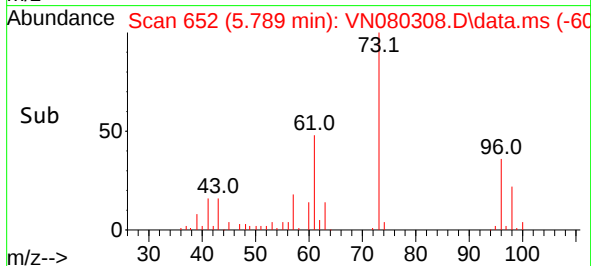
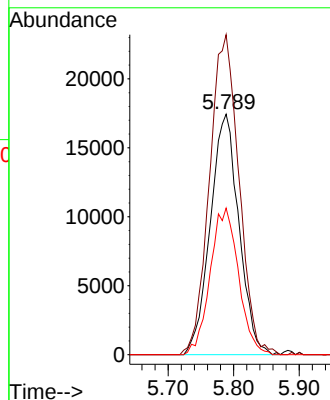
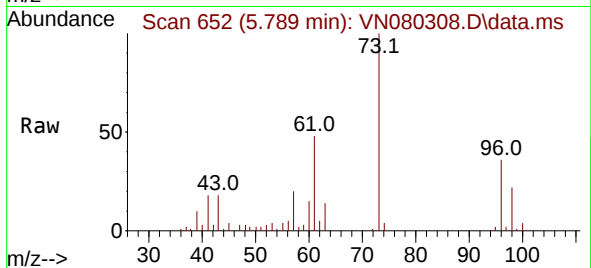
98 61.0 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#22

Diisopropyl ether

Concen: 18.543 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion: 45 Resp: 142571

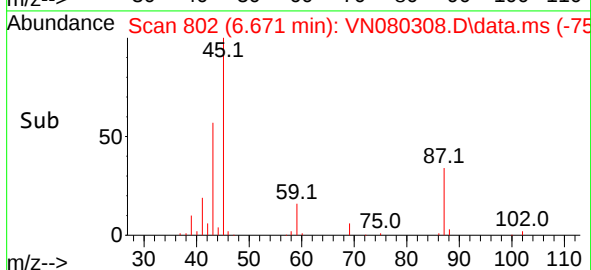
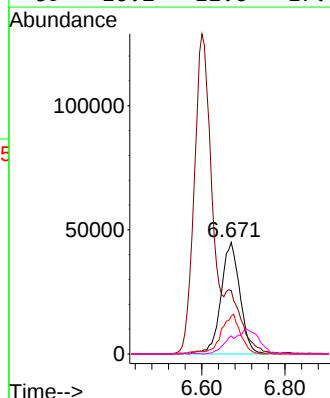
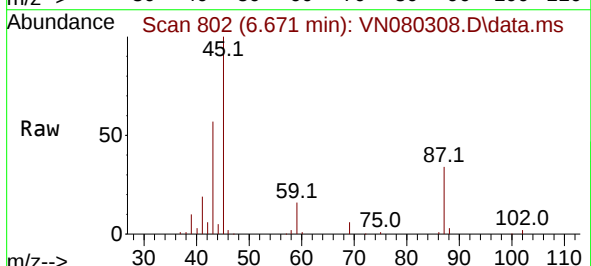
Ion Ratio Lower Upper

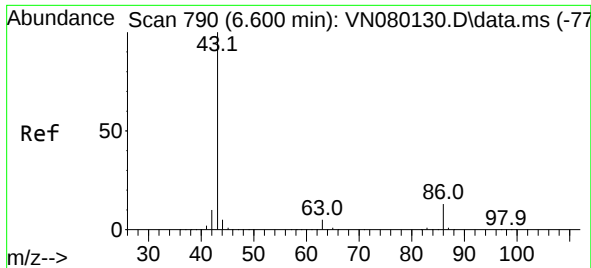
45 100

43 56.2 45.5 68.3

87 34.0 31.8 47.8

59 16.2 11.6 17.4





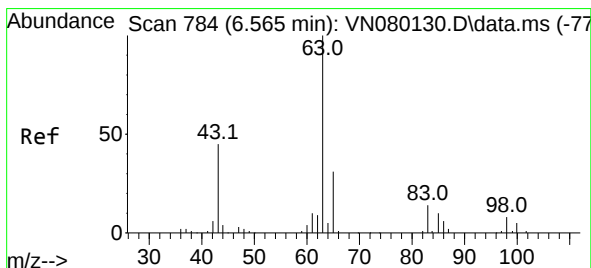
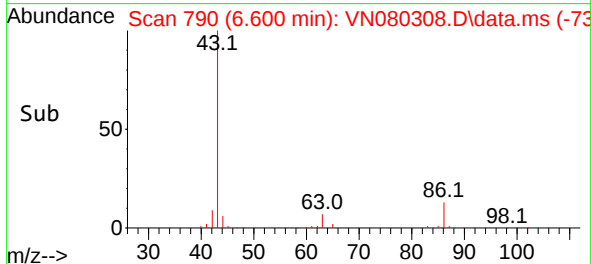
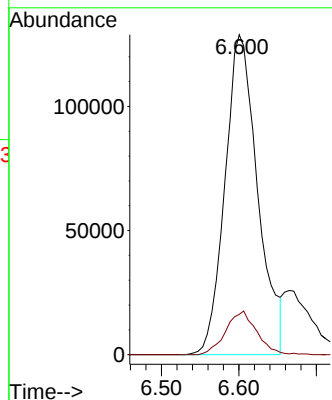
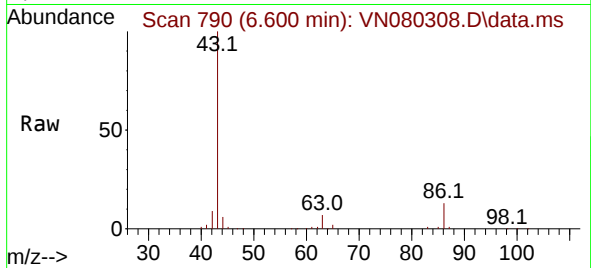
#23
 Vinyl Acetate
 Concen: 82.057 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Tgt Ion: 43 Resp: 37930
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

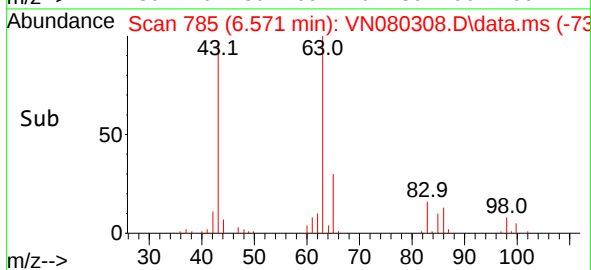
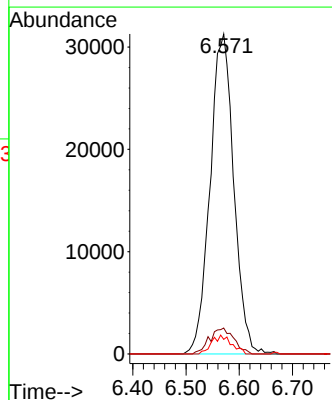
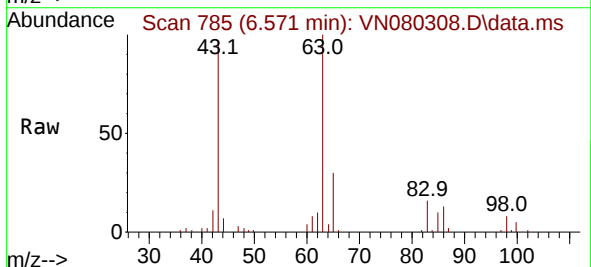
Manual Integrations
 APPROVED

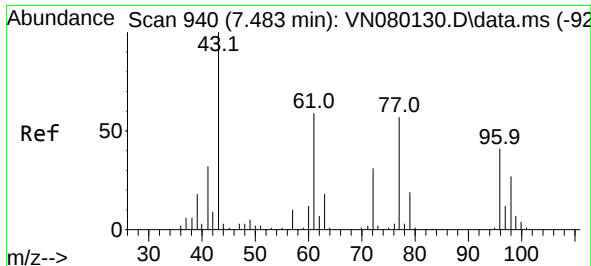
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#24
 1,1-Dichloroethane
 Concen: 17.269 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

Tgt Ion: 63 Resp: 96710
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 73.358 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 43 Resp: 126324

Ion Ratio Lower Upper

43 100

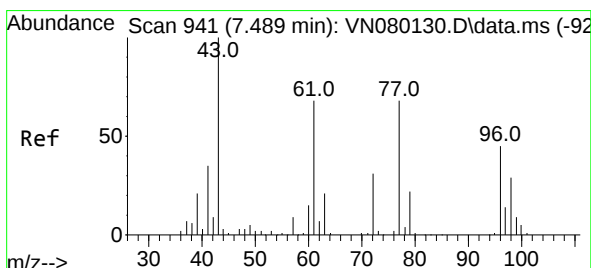
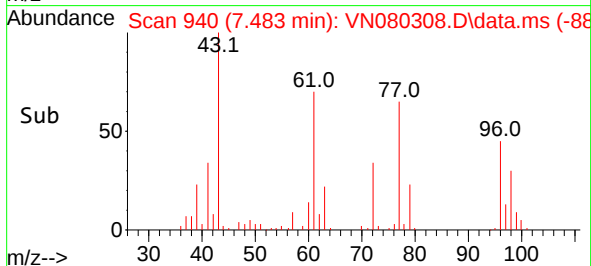
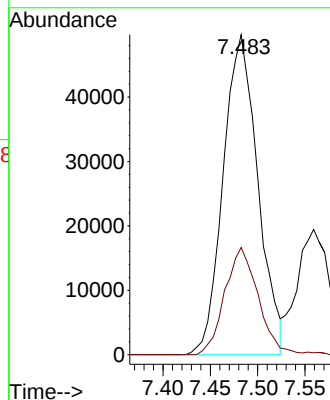
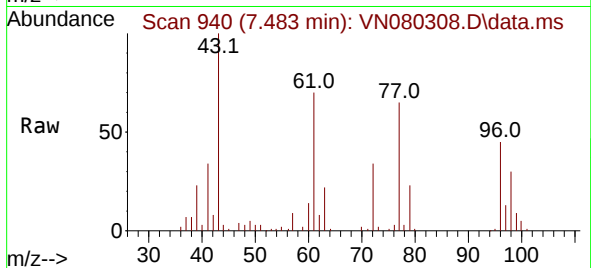
72 33.5 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#26

2,2-Dichloropropane

Concen: 17.964 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080308.D

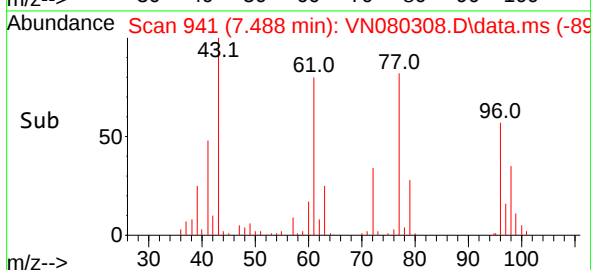
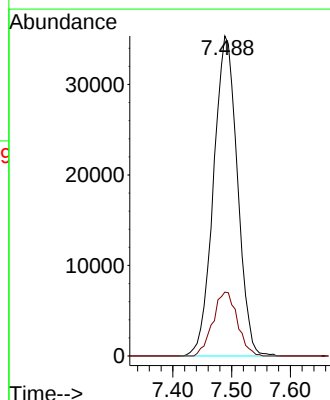
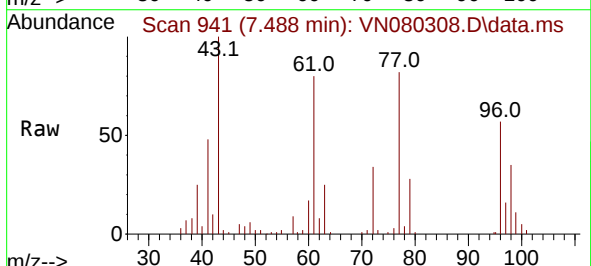
Acq: 29 Nov 2023 14:34

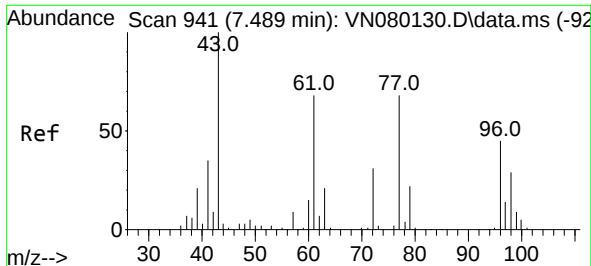
Tgt Ion: 77 Resp: 99809

Ion Ratio Lower Upper

77 100

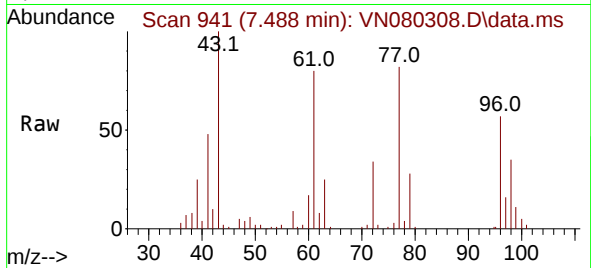
97 20.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.673 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

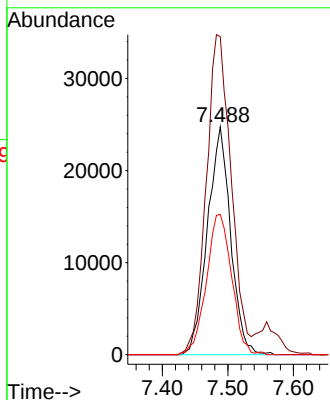
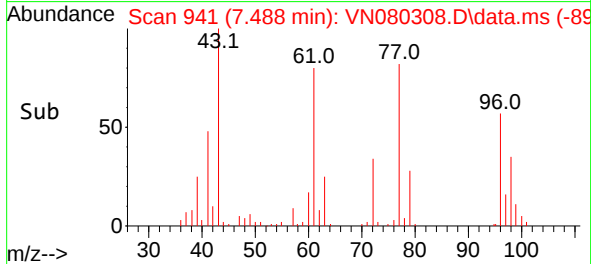
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01



Tgt Ion: 96 Resp: 6080
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 255.2
 98 66.8 0.0 128.8

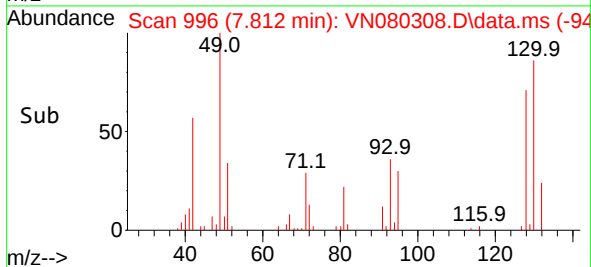
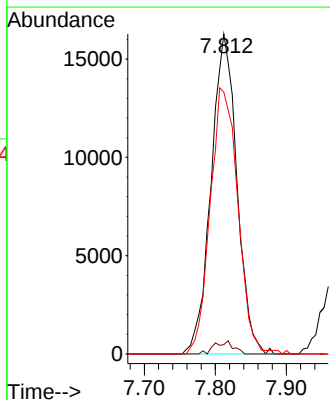
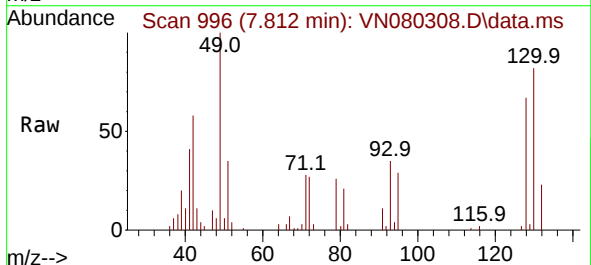
Manual Integrations
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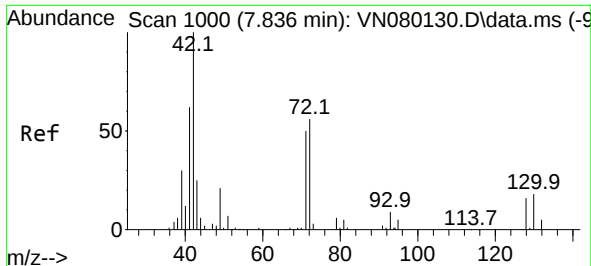
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#28
 Bromochloromethane
 Concen: 18.654 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

Tgt Ion: 49 Resp: 41068
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.8
 130 89.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 82.074 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

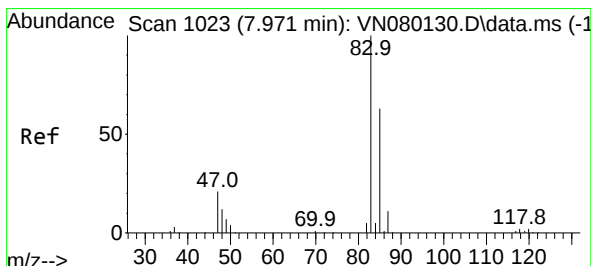
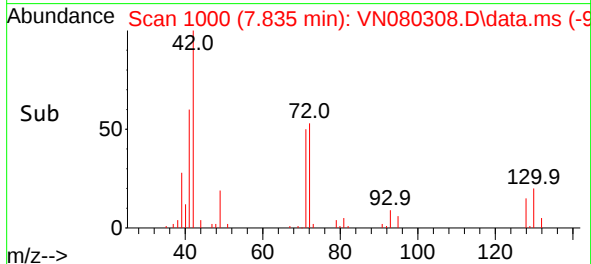
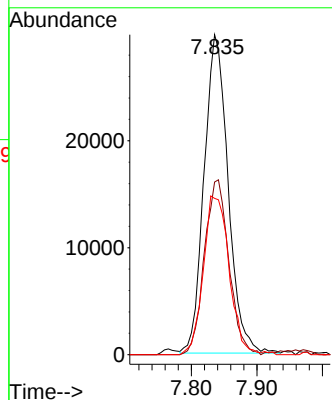
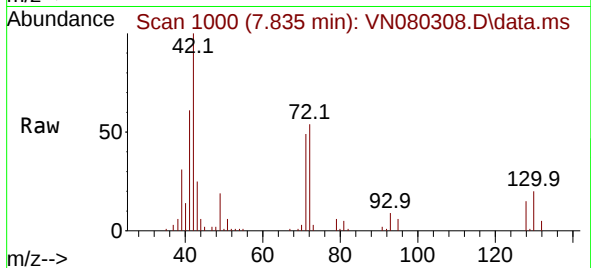
Tgt Ion:	42	Resp:	75878
Ion	Ratio	Lower	Upper
42	100		
72	55.9	49.8	74.6
71	53.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#30

Chloroform

Concen: 18.722 ug/l

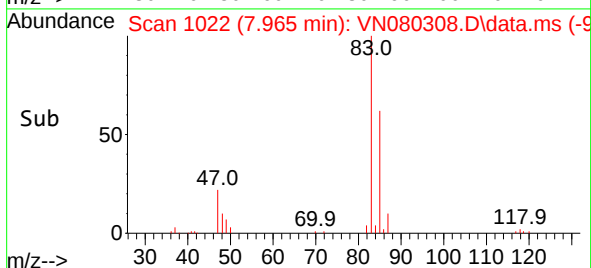
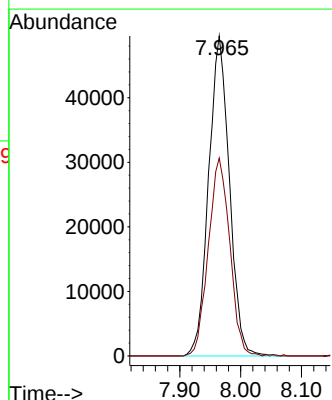
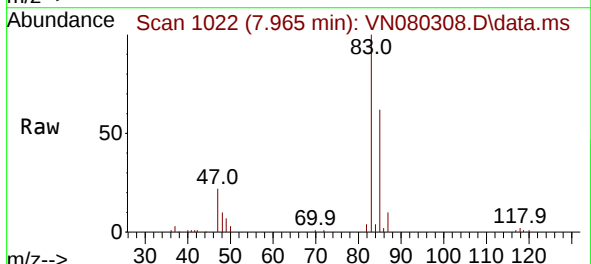
RT: 7.965 min Scan# 1022

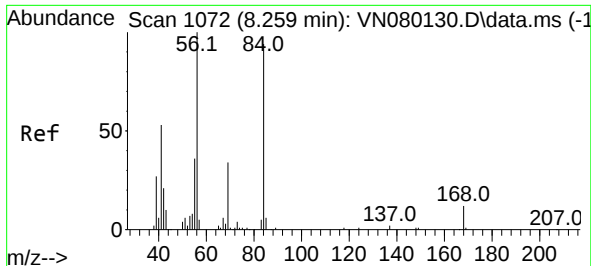
Delta R.T. -0.006 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

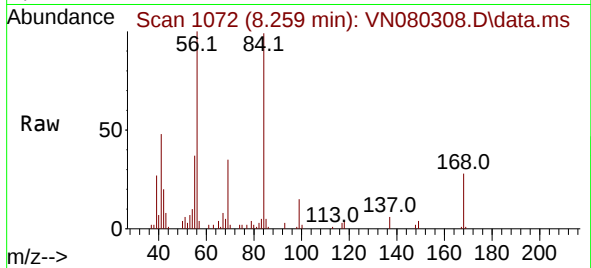
Tgt Ion:	83	Resp:	117186
Ion	Ratio	Lower	Upper
83	100		
85	61.8	55.4	83.0





#31
Cyclohexane
Concen: 16.422 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

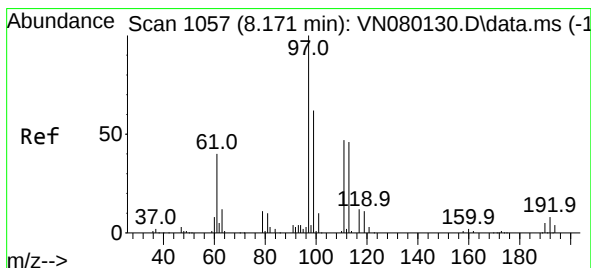
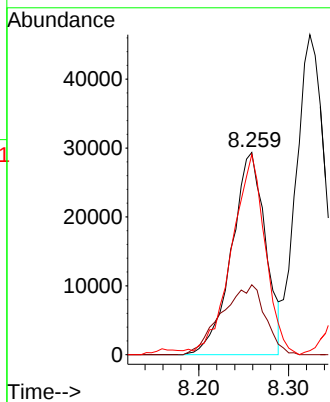
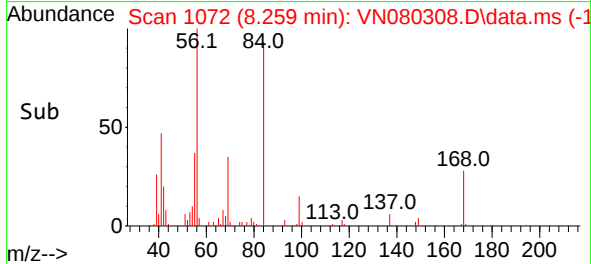
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 56 Resp: 7706
Ion Ratio Lower Upper
56 100
69 34.5 26.8 40.2
84 96.9 81.8 122.6

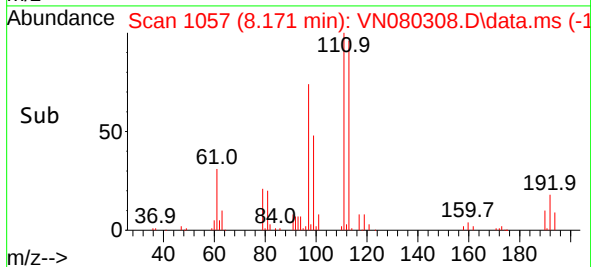
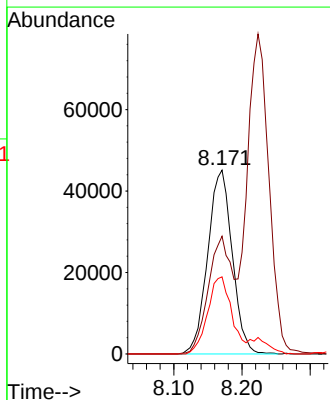
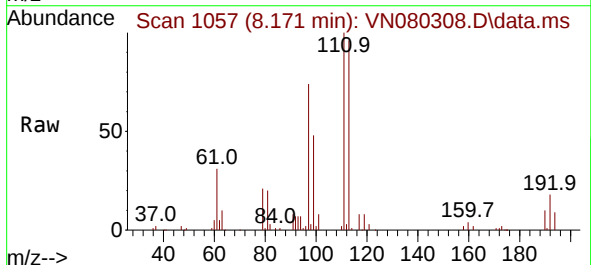
Manual Integrations
APPROVED

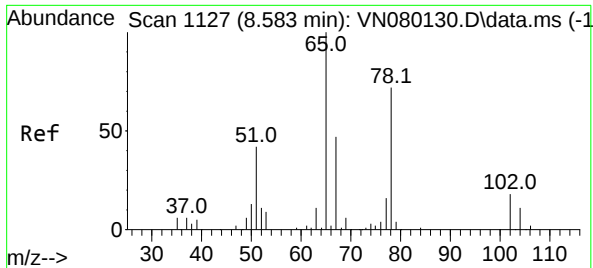
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#32
1,1,1-Trichloroethane
Concen: 18.509 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 97 Resp: 112980
Ion Ratio Lower Upper
97 100
99 60.3 50.3 75.5
61 41.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.624 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 65 Resp: 196870

Ion Ratio Lower Upper

65 100

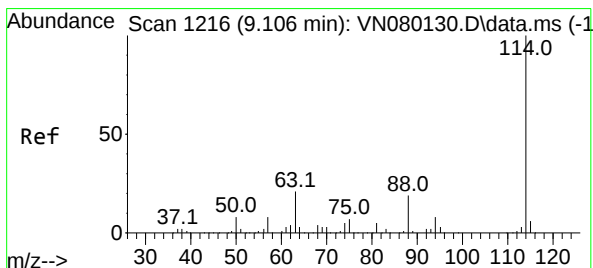
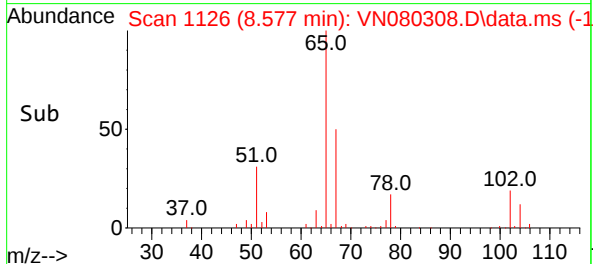
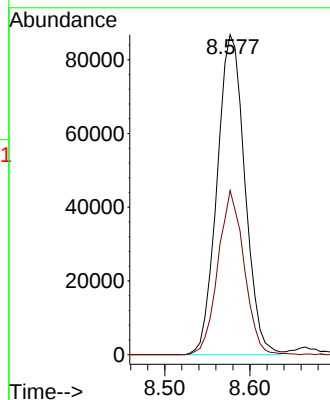
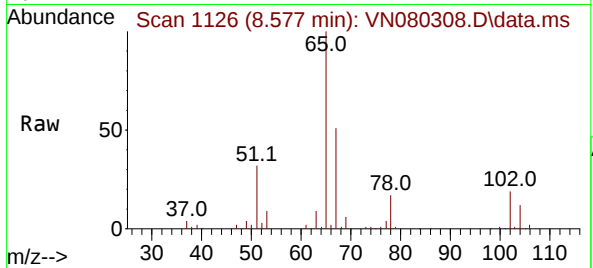
67 48.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

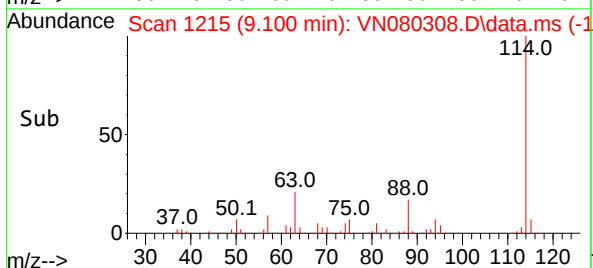
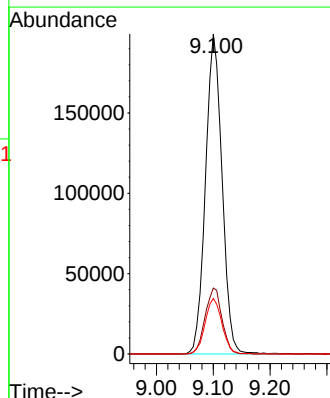
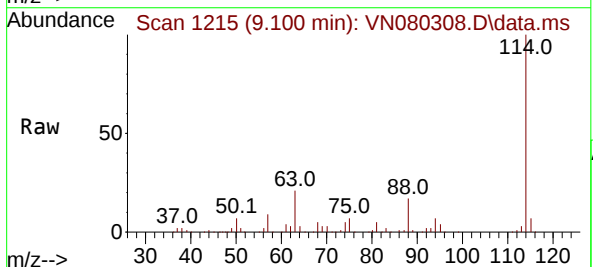
Tgt Ion:114 Resp: 401652

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

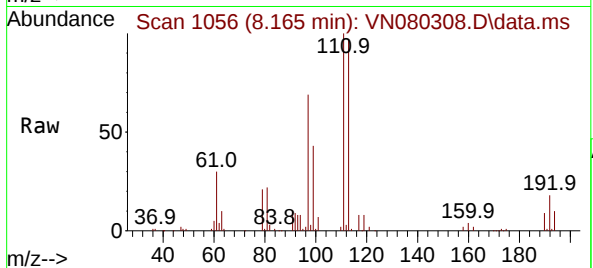
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.748 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

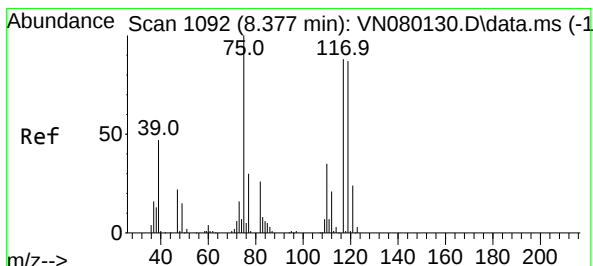
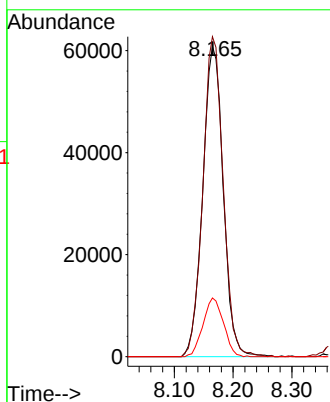
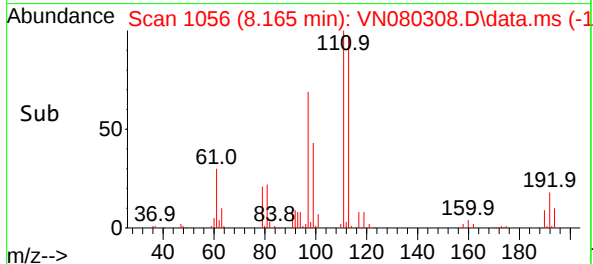
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion:113 Resp: 14743
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.8 12.7 19.1

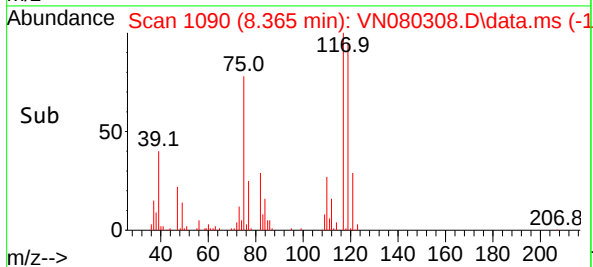
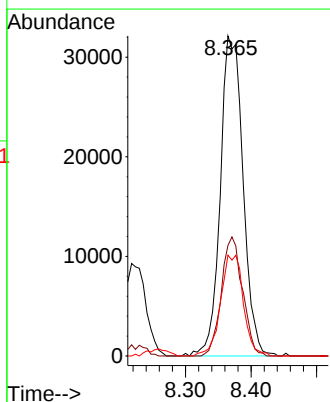
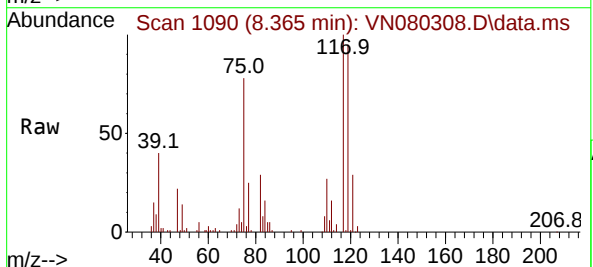
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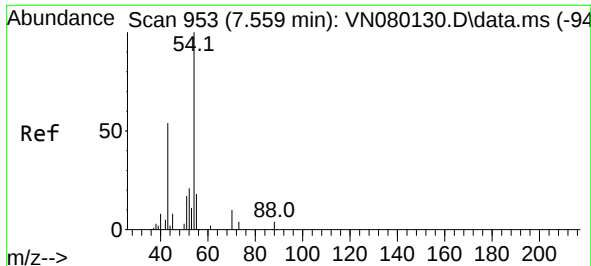
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#36
1,1-Dichloropropene
Concen: 18.005 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.012 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 75 Resp: 77257
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 15.718 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 43 Resp: 4678

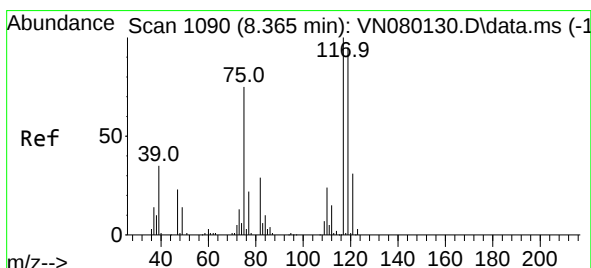
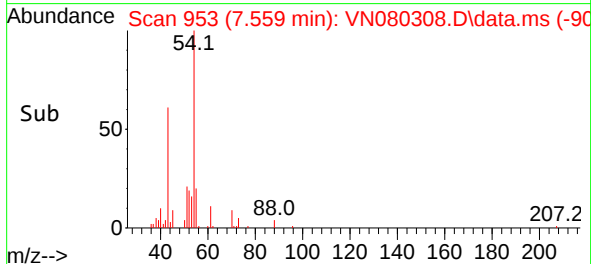
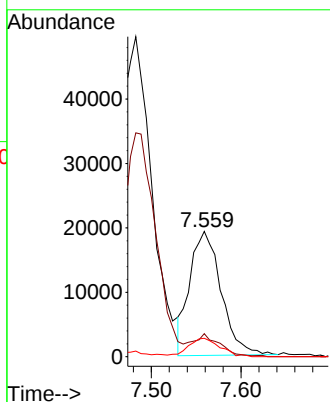
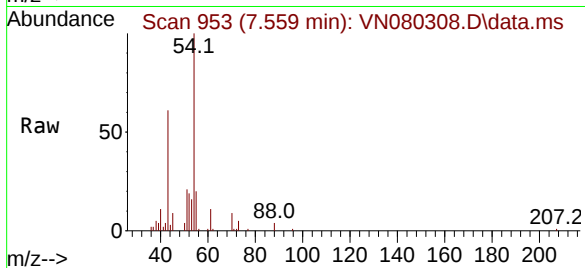
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.2	19.8
70	14.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#38

Carbon Tetrachloride

Concen: 18.522 ug/l

RT: 8.359 min Scan# 1089

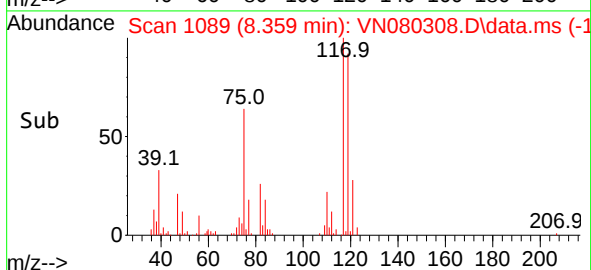
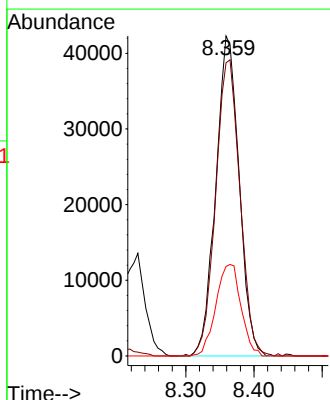
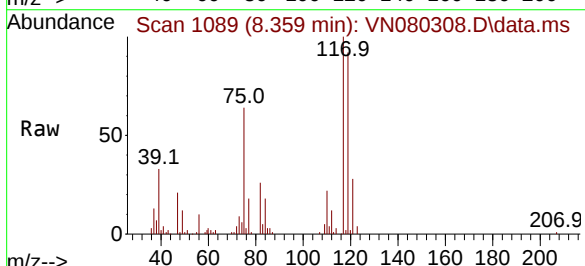
Delta R.T. -0.006 min

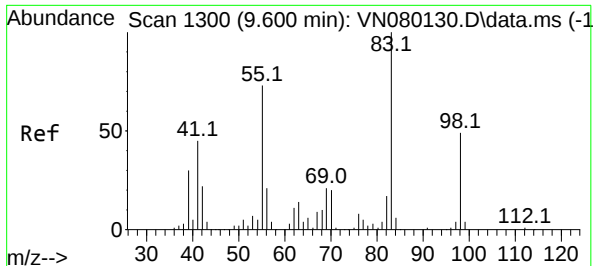
Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion:117 Resp: 100854

Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.3	115.9
121	28.0	23.3	34.9





#39

Methylcyclohexane

Concen: 17.304 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 83 Resp: 7159

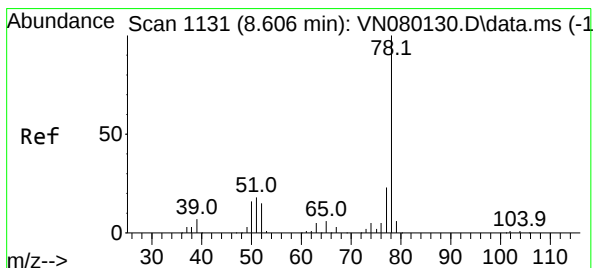
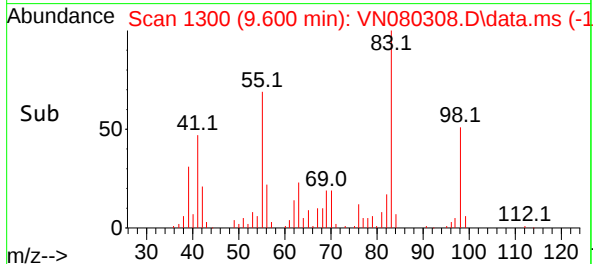
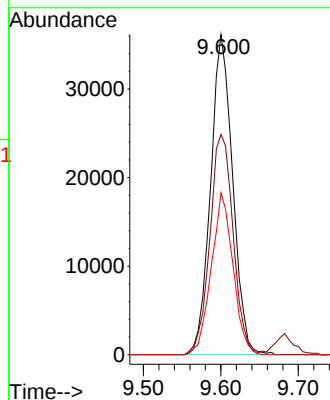
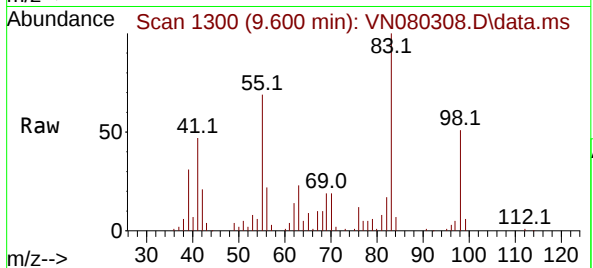
Ion	Ratio	Lower	Upper
83	100		
55	68.8	49.1	73.7
98	50.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#40

Benzene

Concen: 18.384 ug/l

RT: 8.606 min Scan# 1131

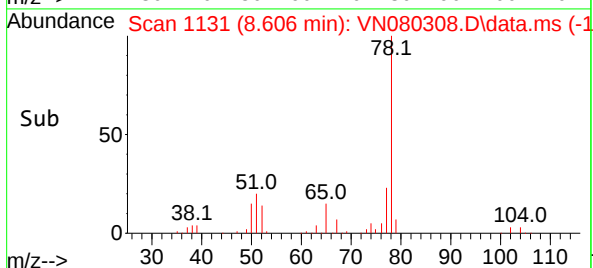
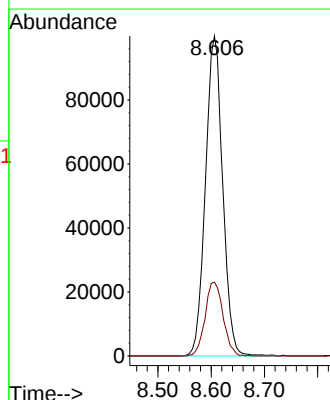
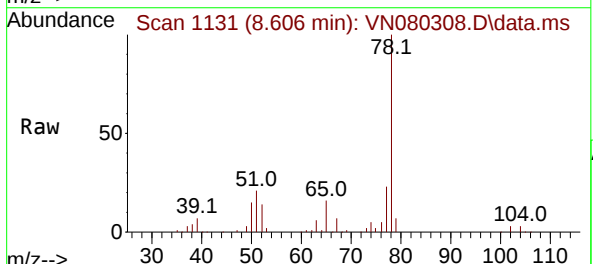
Delta R.T. -0.000 min

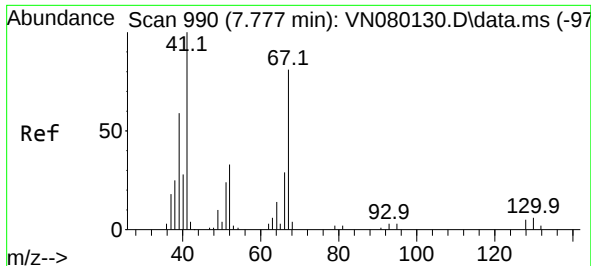
Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion: 78 Resp: 224195

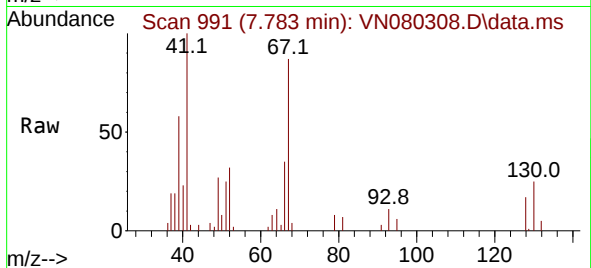
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 16.902 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

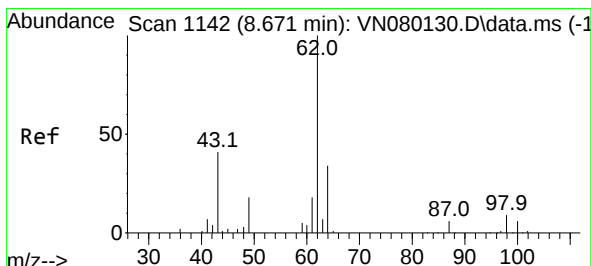
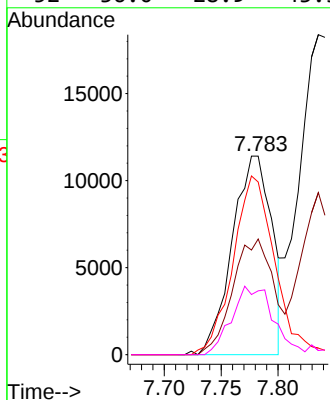
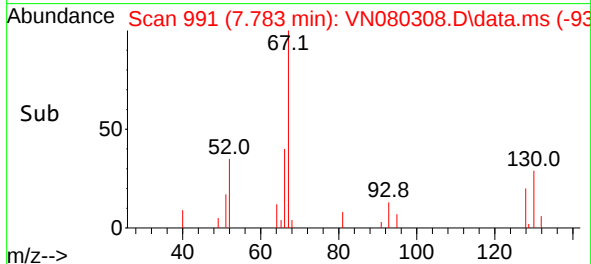
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 41 Resp: 27620
Ion Ratio Lower Upper
41 100
39 60.4 42.6 64.0
67 94.2 77.5 116.3
52 36.0 28.9 43.3

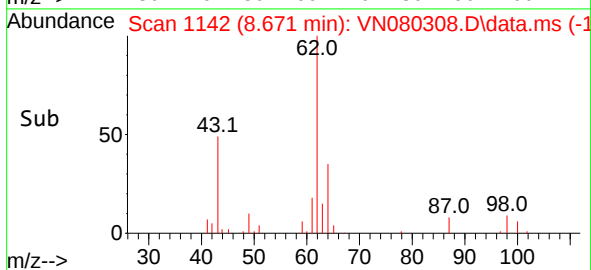
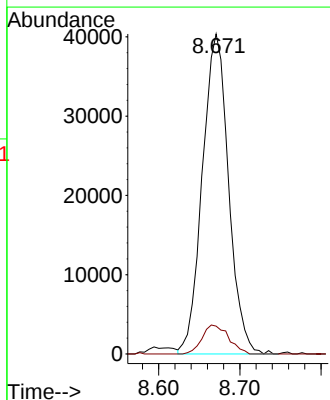
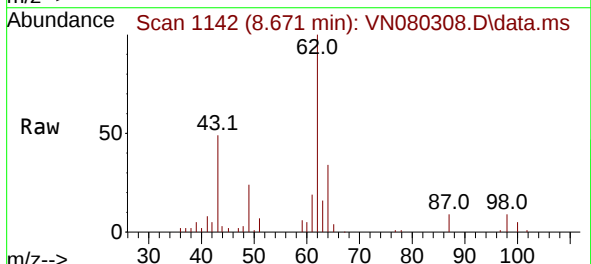
Manual Integrations
APPROVED

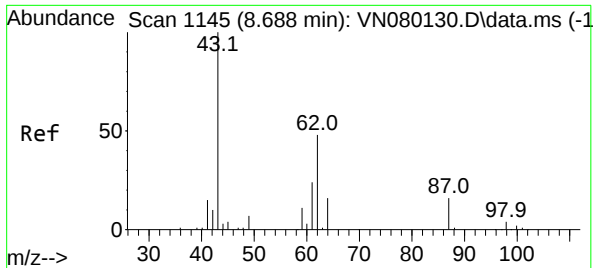
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#42
1,2-Dichloroethane
Concen: 18.162 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 62 Resp: 90614
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 15.036 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

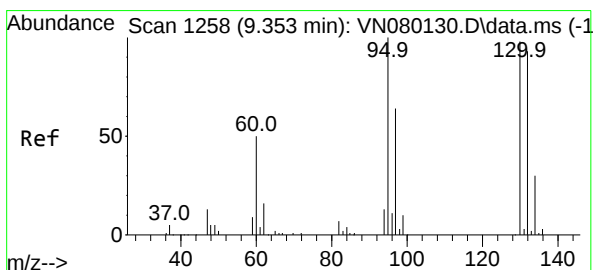
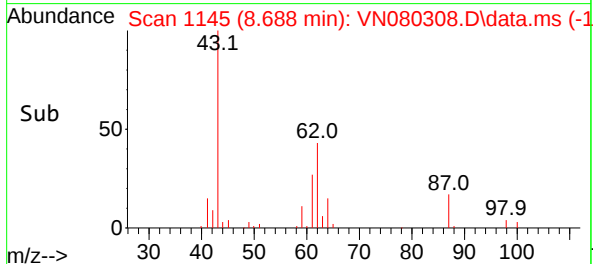
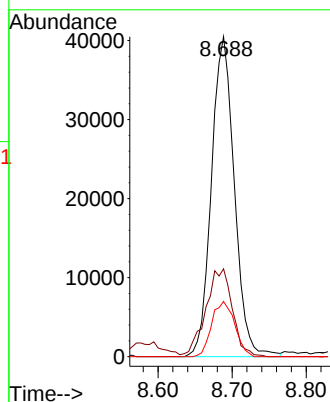
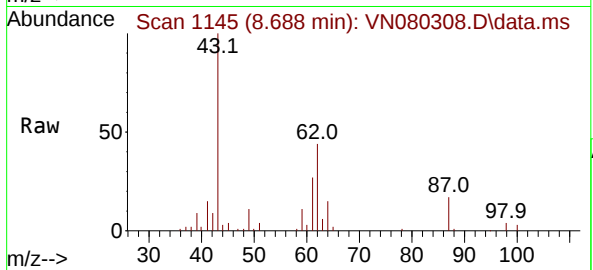
Tgt Ion: 43	Resp: 8708
Ion Ratio	Lower Upper
43	100
61	31.9 24.7 37.1
87	17.3 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#44

Trichloroethene

Concen: 18.771 ug/l

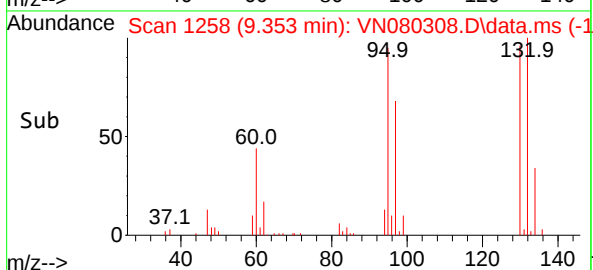
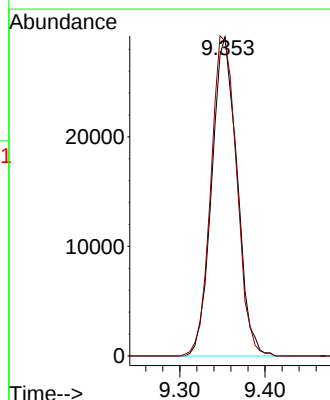
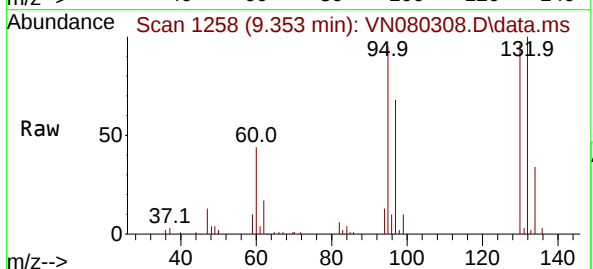
RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion:130	Resp: 60045
Ion Ratio	Lower Upper
130	100
95	98.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.153 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 63 Resp: 5428

Ion Ratio Lower Upper

63 100

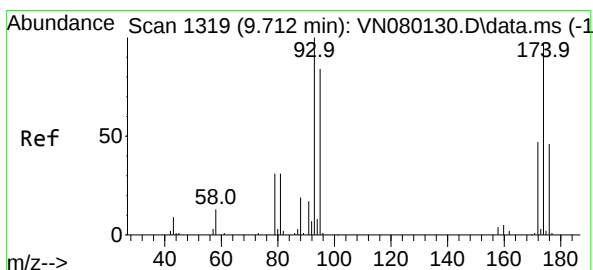
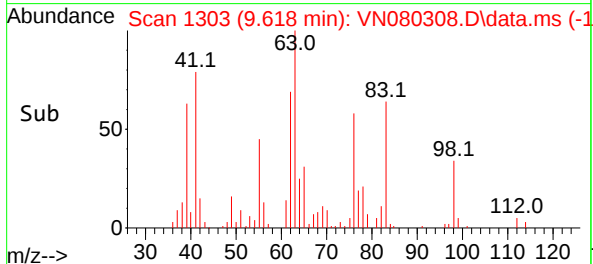
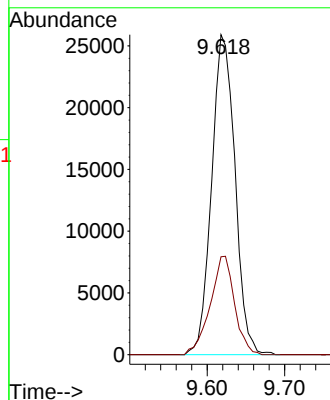
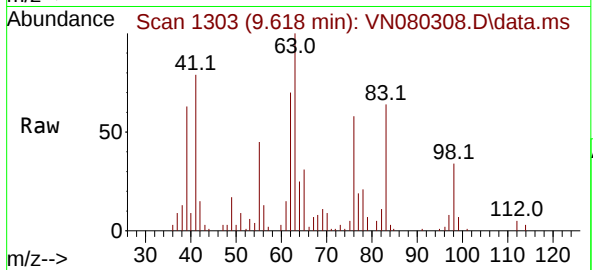
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#46

Dibromomethane

Concen: 19.521 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

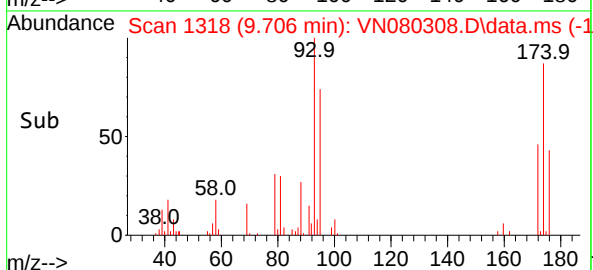
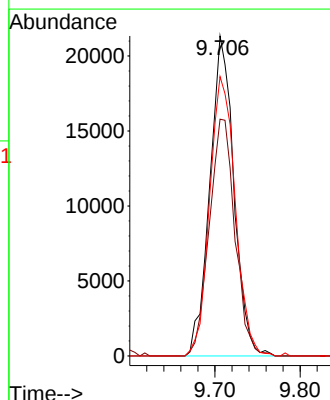
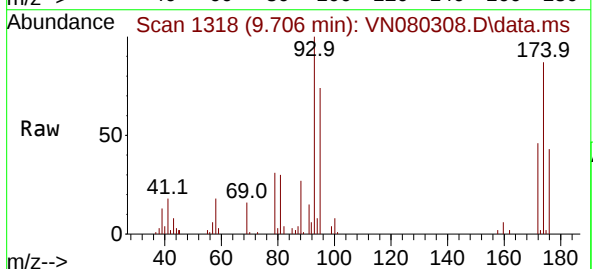
Tgt Ion: 93 Resp: 41877

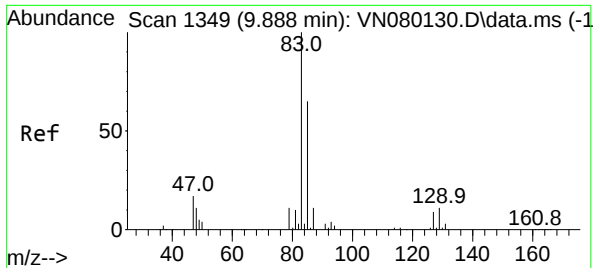
Ion Ratio Lower Upper

93 100

95 78.9 63.8 95.8

174 92.8 65.6 98.4





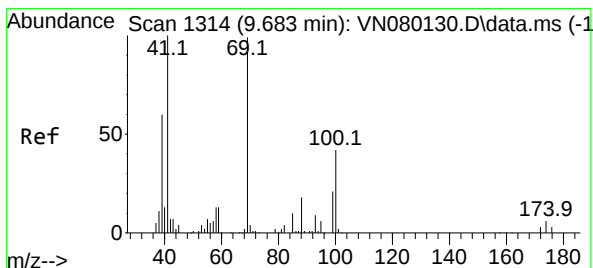
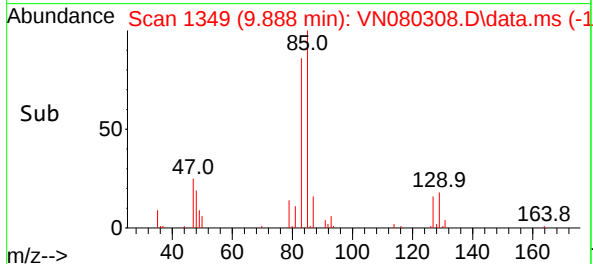
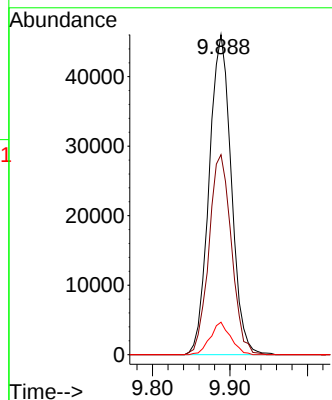
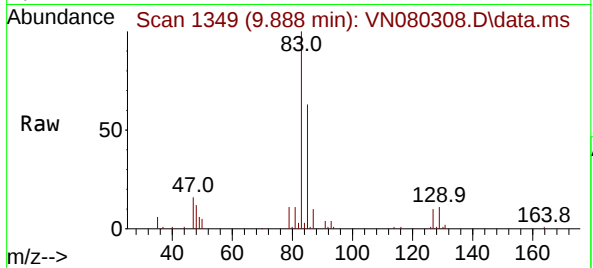
#47
Bromodichloromethane
Concen: 19.344 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 83 Resp: 9128
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 10.1 7.0 10.6

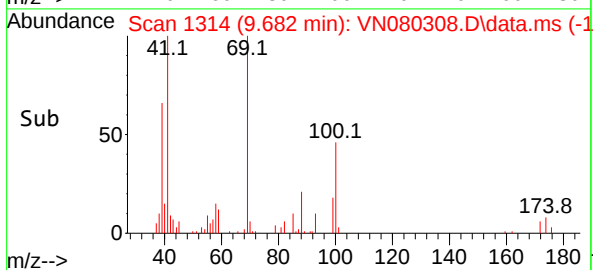
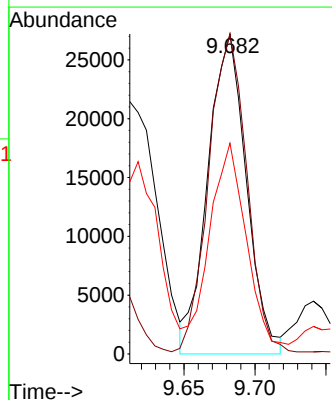
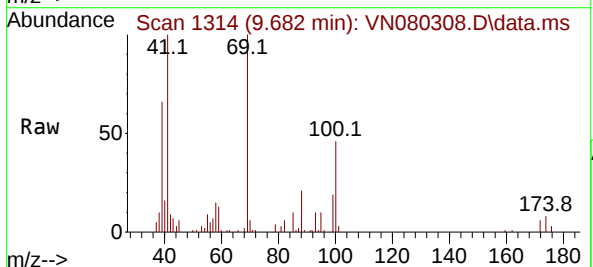
Manual Integrations
APPROVED

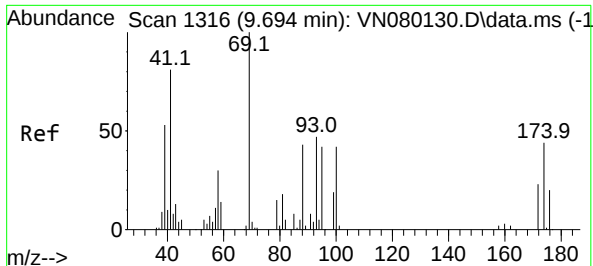
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#48
Methyl methacrylate
Concen: 17.151 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 41 Resp: 51190
Ion Ratio Lower Upper
41 100
69 98.5 90.4 135.6
39 65.0 54.6 81.8





#49

1,4-Dioxane

Concen: 324.103 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion: 88 Resp: 1609

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

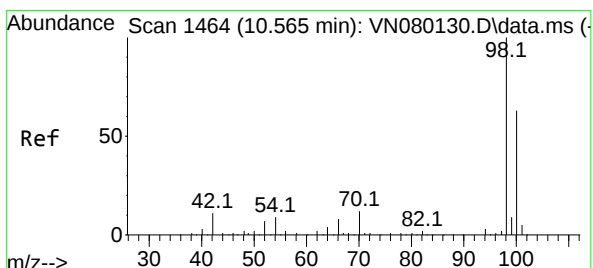
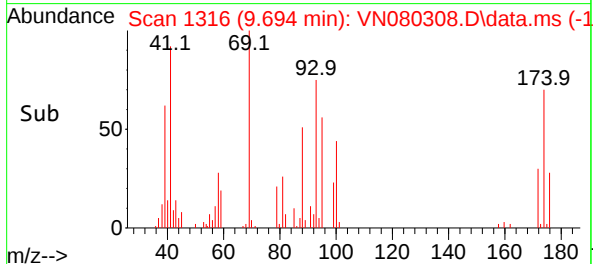
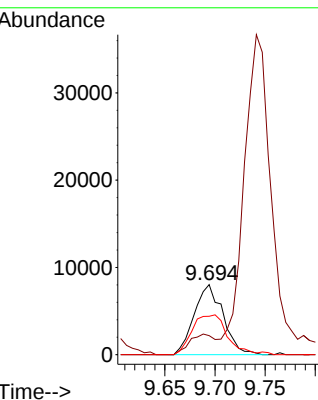
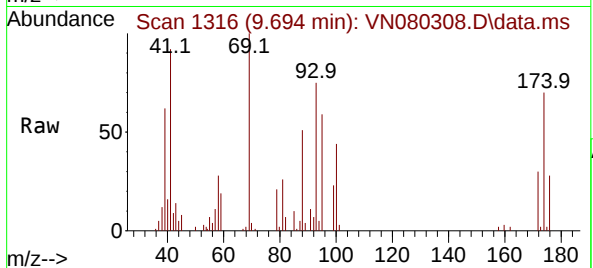
58 69.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#50

Toluene-d8

Concen: 49.379 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080308.D

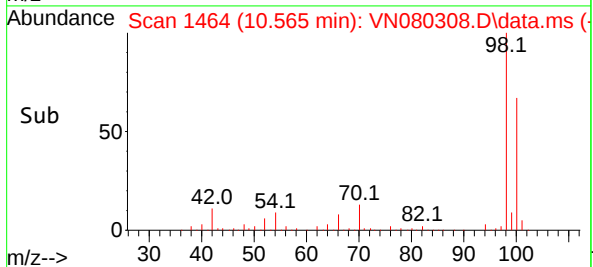
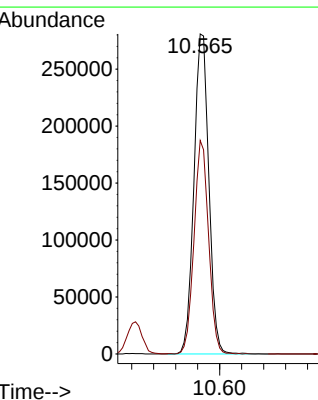
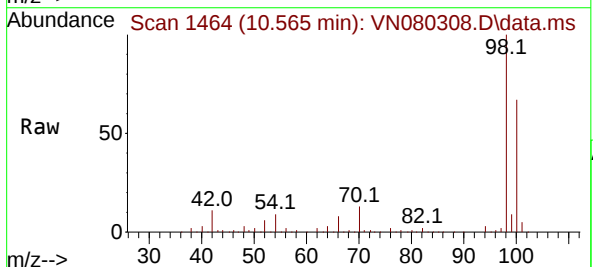
Acq: 29 Nov 2023 14:34

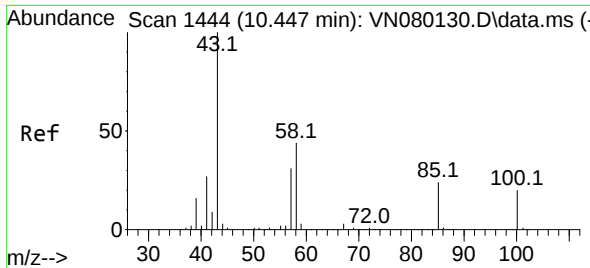
Tgt Ion: 98 Resp: 527532

Ion Ratio Lower Upper

98 100

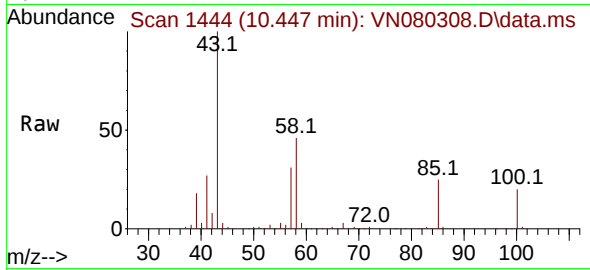
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 86.949 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

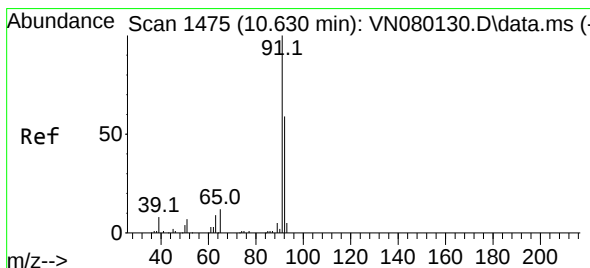
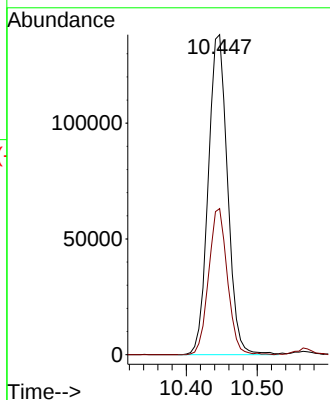
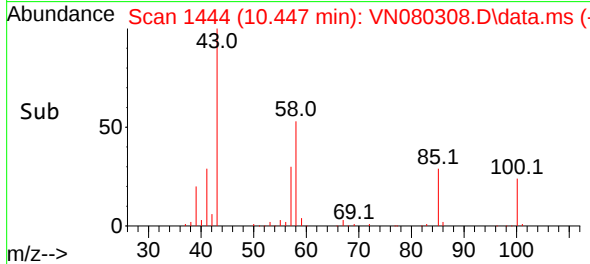
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 43 Resp: 260710
Ion Ratio Lower Upper
43 100
58 44.4 36.6 54.8

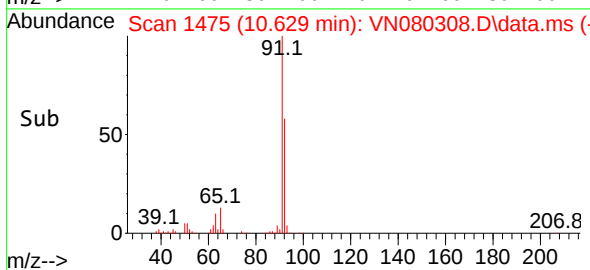
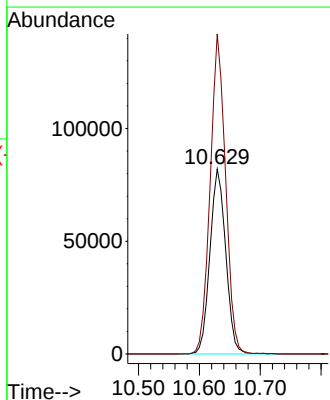
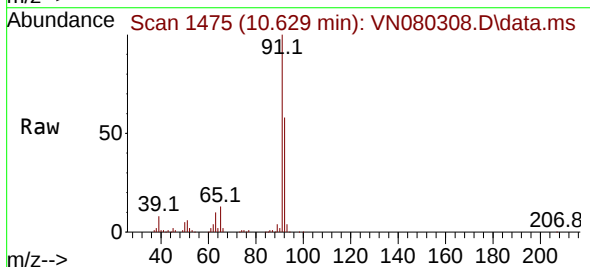
Manual Integrations
APPROVED

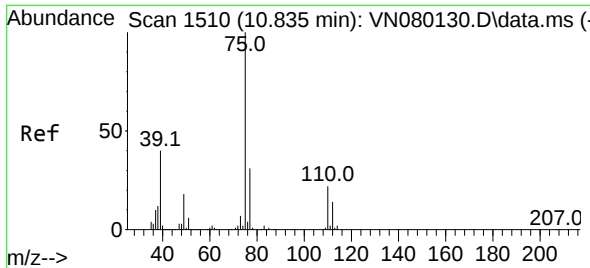
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#52
Toluene
Concen: 19.338 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

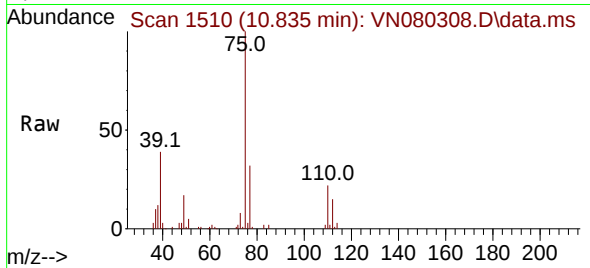
Tgt Ion: 92 Resp: 147587
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.848 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

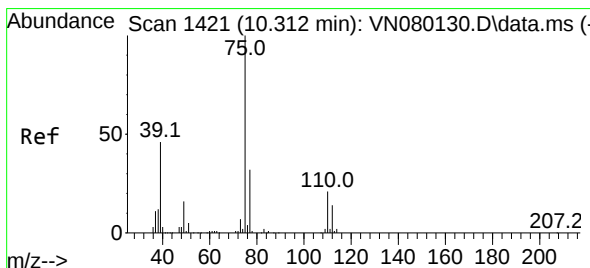
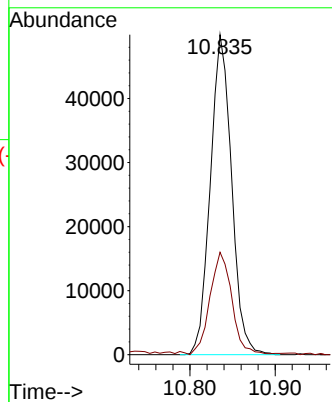
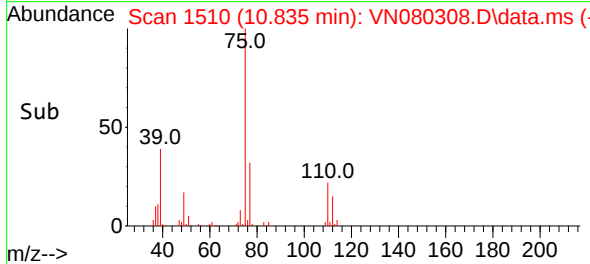
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



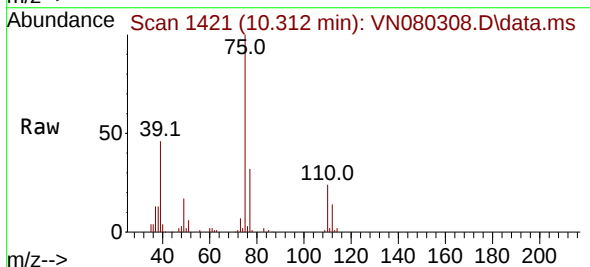
Tgt Ion: 75 Resp: 8653
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
APPROVED

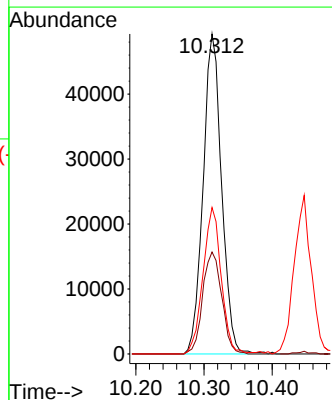
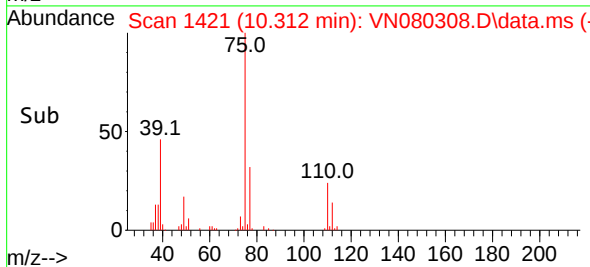
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

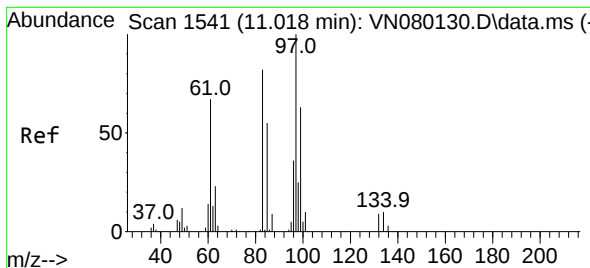


#54
cis-1,3-Dichloropropene
Concen: 18.776 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34



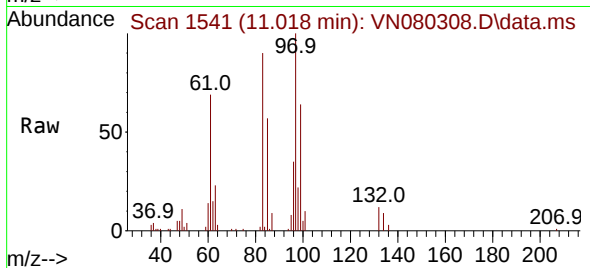
Tgt Ion: 75 Resp: 93003
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 45.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 18.983 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

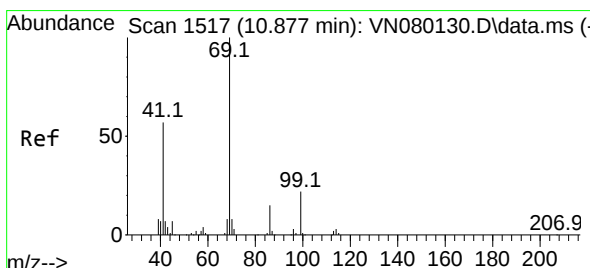
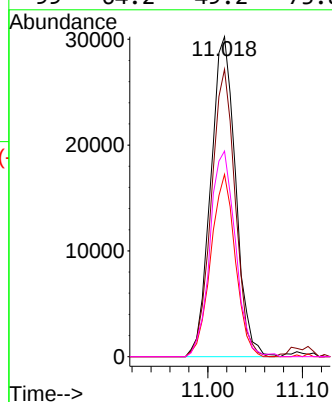
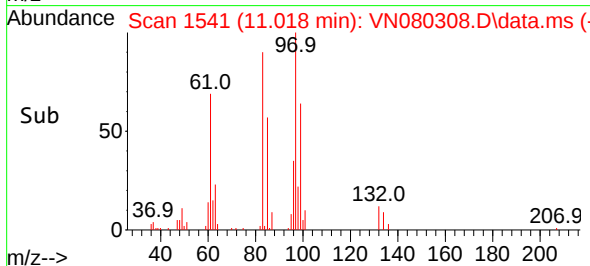
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



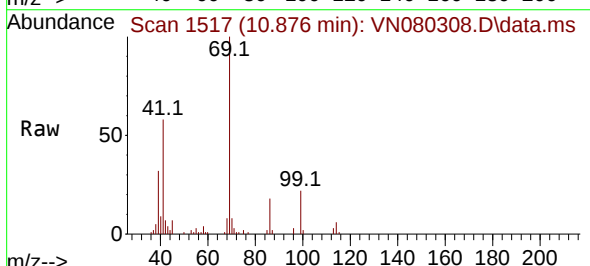
Tgt Ion:	97	Resp:	55290
Ion Ratio	100	Lower	Upper
97	100		
83	89.8	65.1	97.7
85	56.9	43.4	65.2
99	64.2	49.2	73.8

Manual Integrations
APPROVED

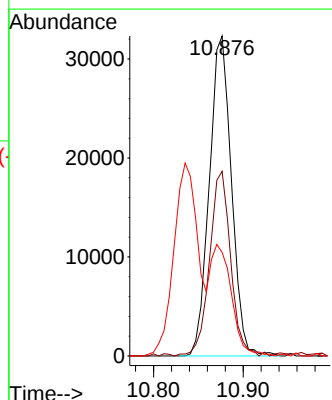
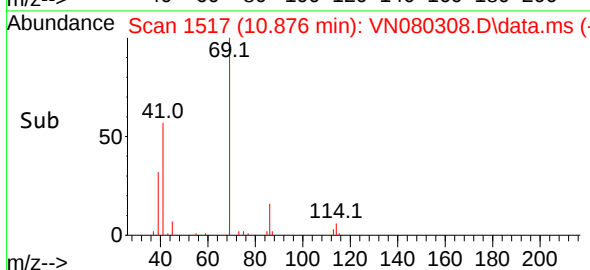
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

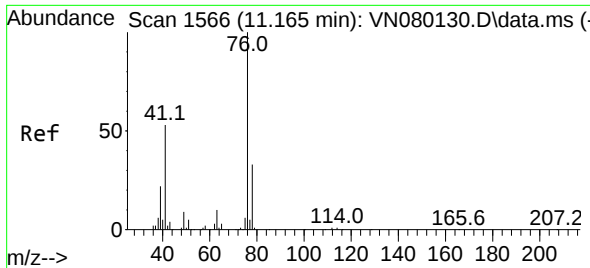


#56
Ethyl methacrylate
Concen: 18.620 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34



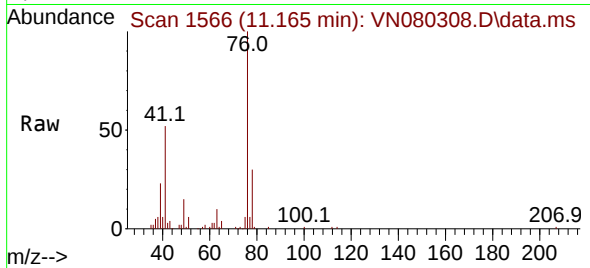
Tgt Ion:	69	Resp:	55409
Ion Ratio	100	Lower	Upper
69	100		
41	55.1	39.6	59.4
39	32.6	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.785 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

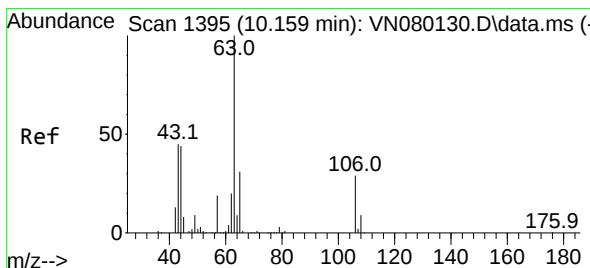
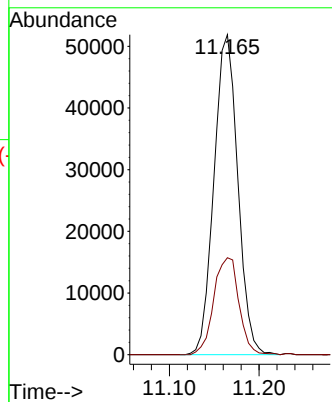
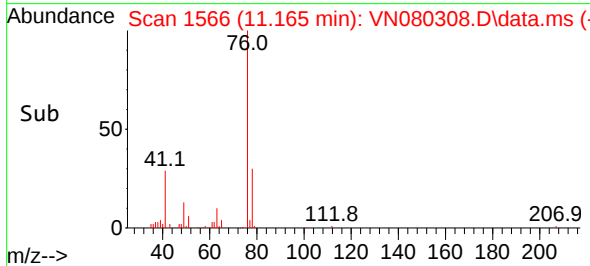
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 76 Resp: 95530
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

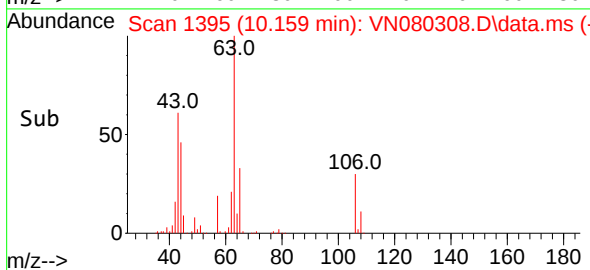
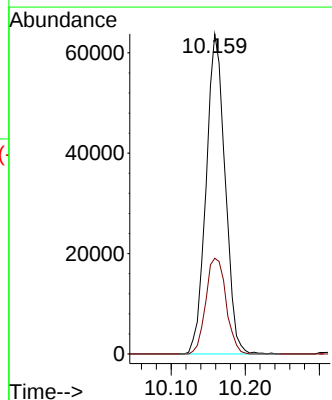
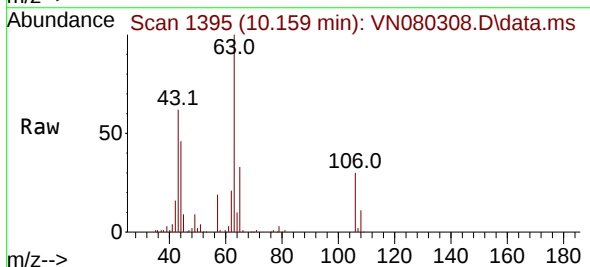
Manual Integrations
APPROVED

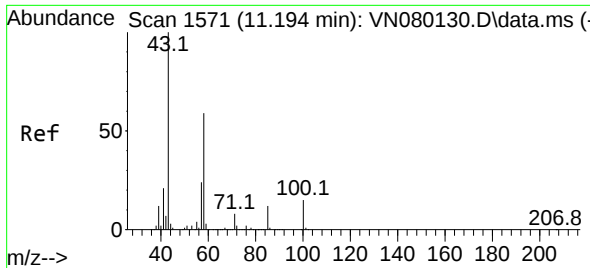
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#58
2-Chloroethyl Vinyl ether
Concen: 67.670 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

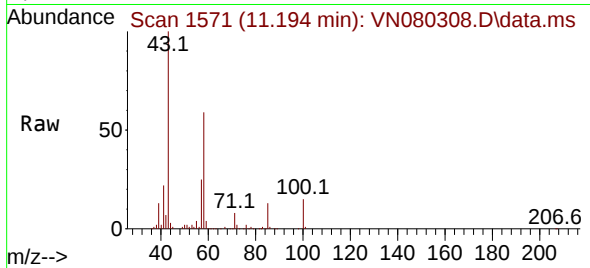
Tgt Ion: 63 Resp: 113445
Ion Ratio Lower Upper
63 100
106 31.9 26.2 39.4





#59
2-Hexanone
Concen: 79.172 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

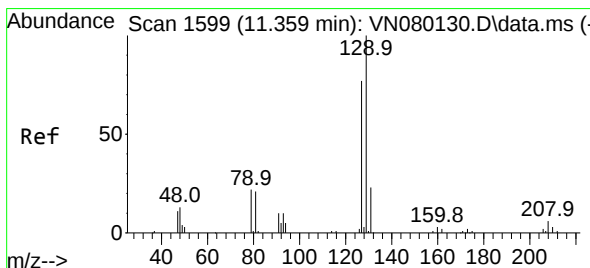
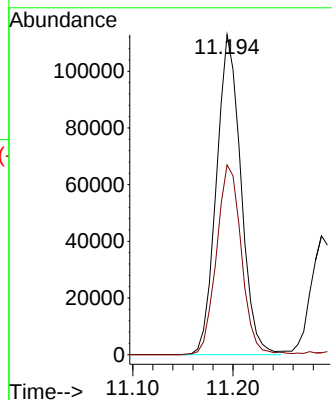
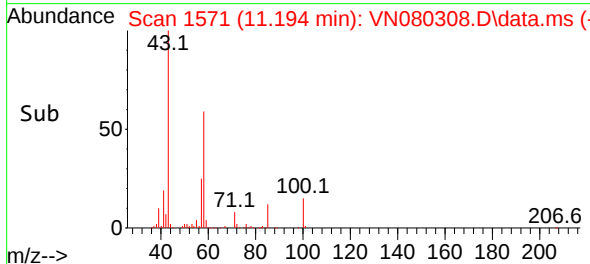
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 43 Resp: 190762
Ion Ratio Lower Upper
43 100
58 60.4 31.7 95.1

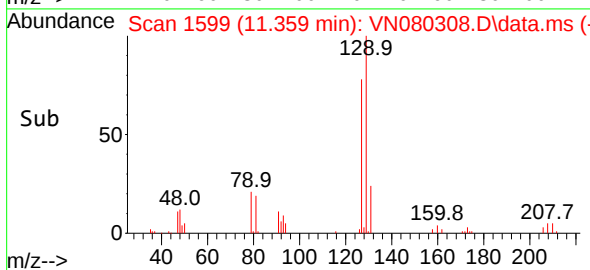
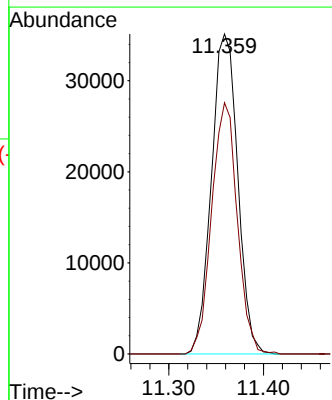
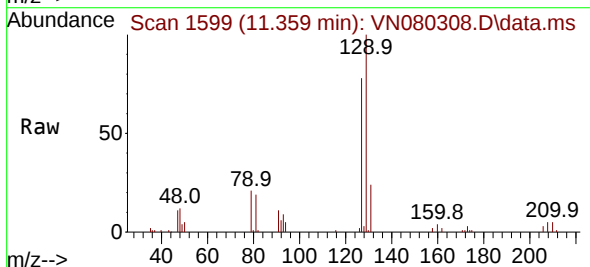
Manual Integrations
APPROVED

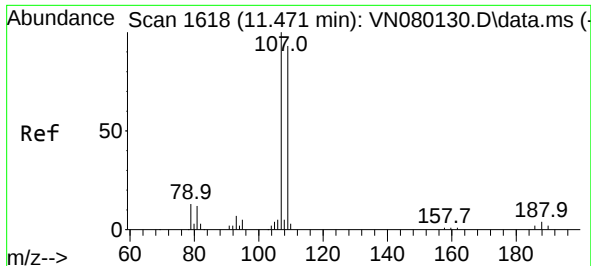
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#60
Dibromochloromethane
Concen: 19.410 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion:129 Resp: 67689
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





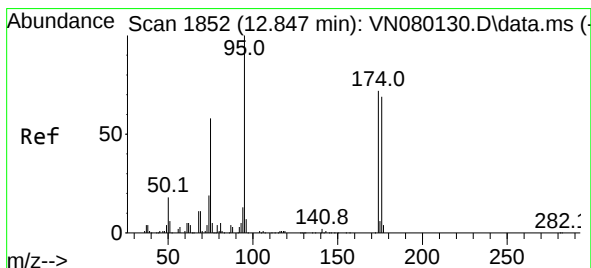
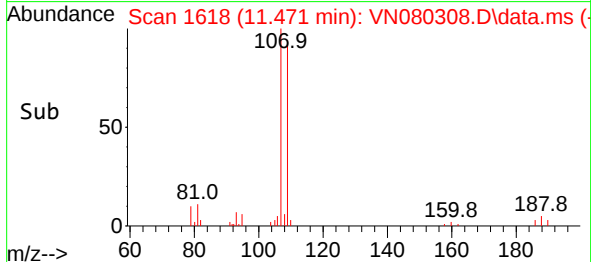
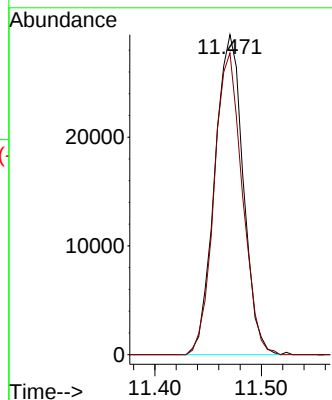
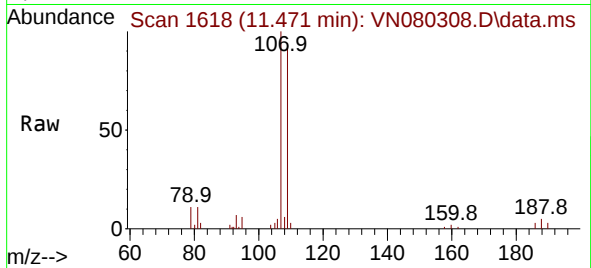
#61
1,2-Dibromoethane
Concen: 18.372 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:107 Resp: 54594
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

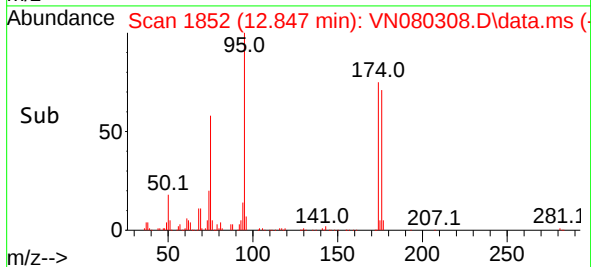
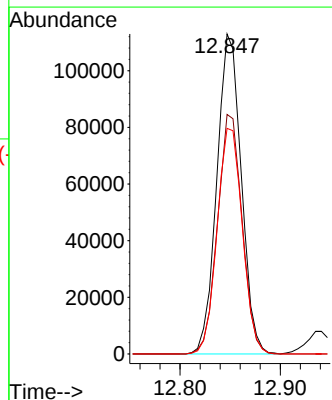
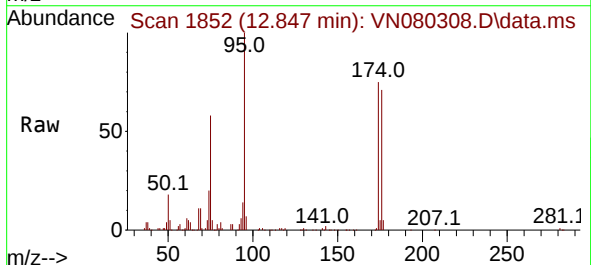
Manual Integrations
APPROVED

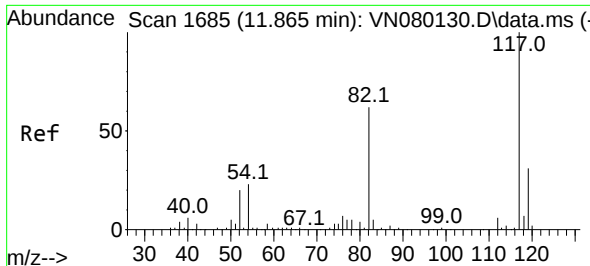
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#62
4-Bromofluorobenzene
Concen: 47.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

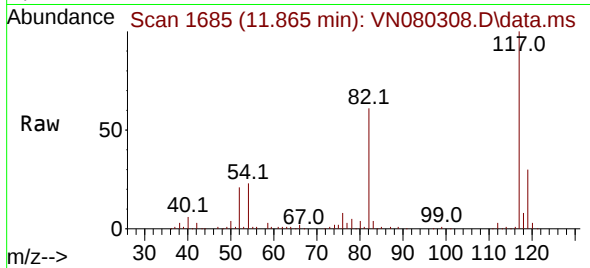
Tgt Ion: 95 Resp: 191148
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

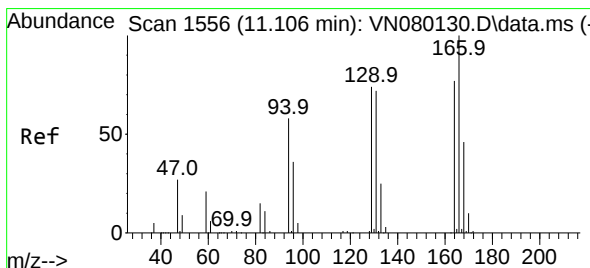
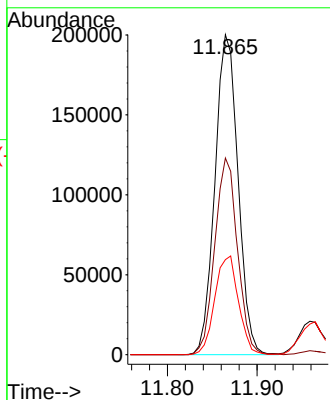
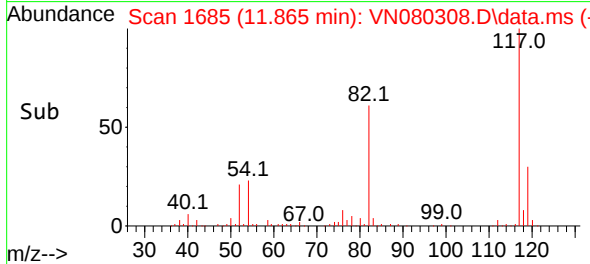
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion:117 Resp: 358394
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 29.7 25.6 38.4

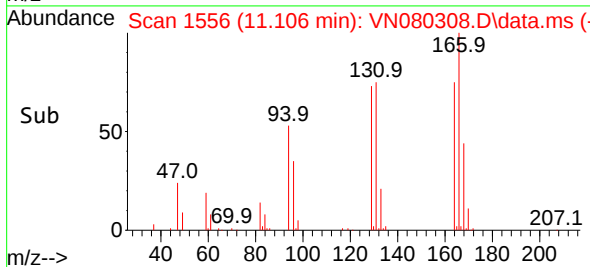
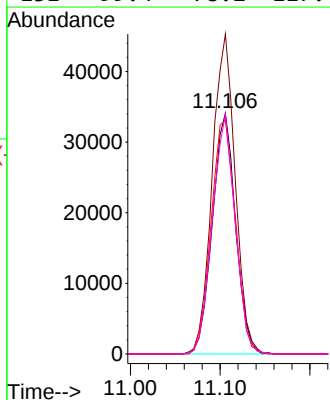
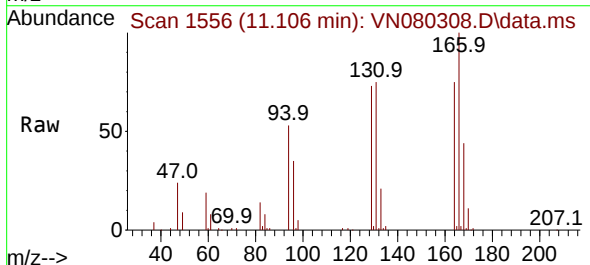
Manual Integrations
APPROVED

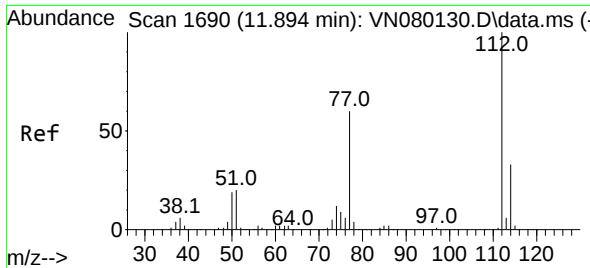
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#64
Tetrachloroethene
Concen: 22.346 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion:164 Resp: 61119
Ion Ratio Lower Upper
164 100
166 132.9 101.4 152.0
129 97.2 82.4 123.6
131 99.4 78.2 117.4





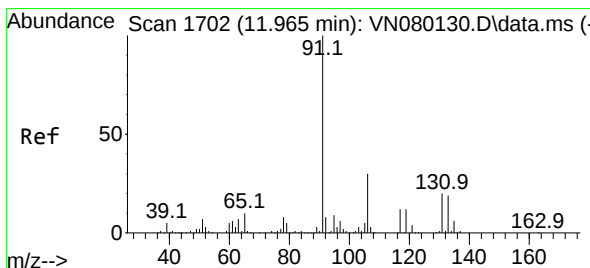
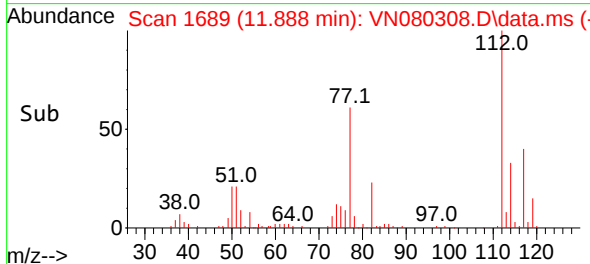
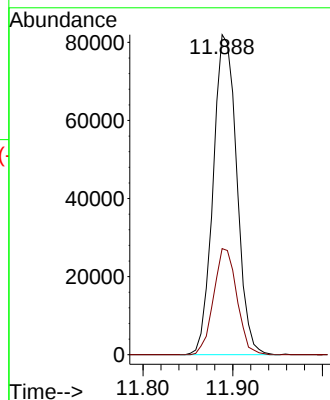
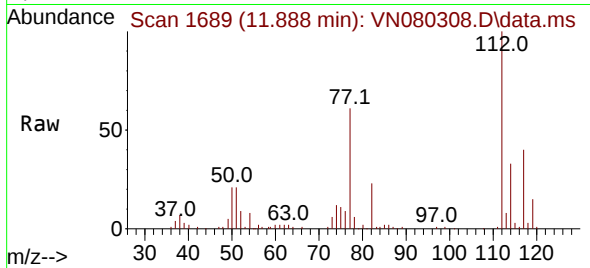
#65
Chlorobenzene
Concen: 18.441 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:112 Resp: 14976
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4

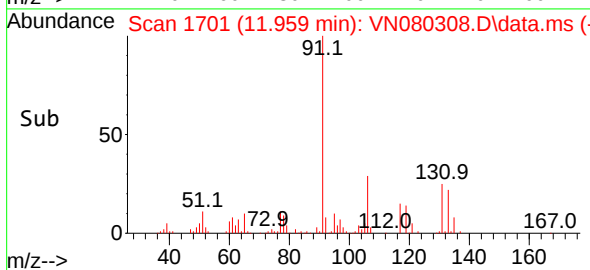
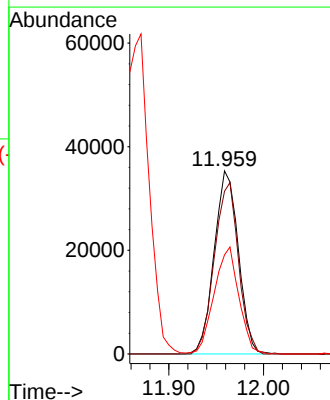
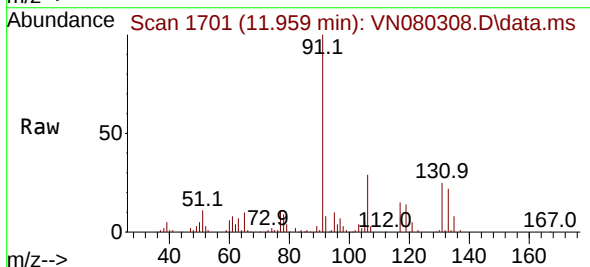
Manual Integrations
APPROVED

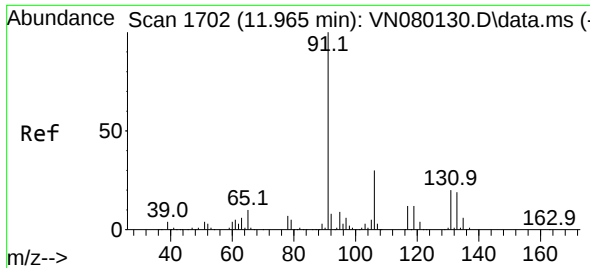
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.941 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion:131 Resp: 62844
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 59.6 34.1 102.2





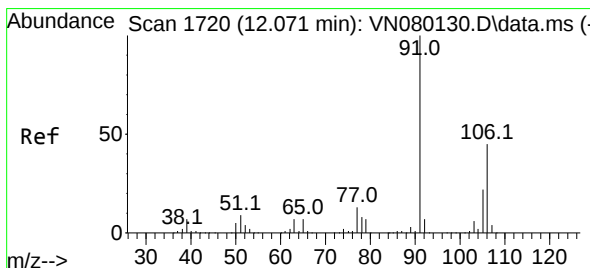
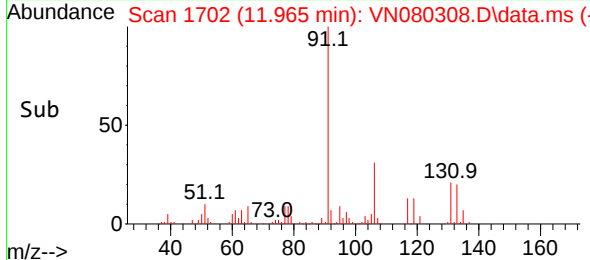
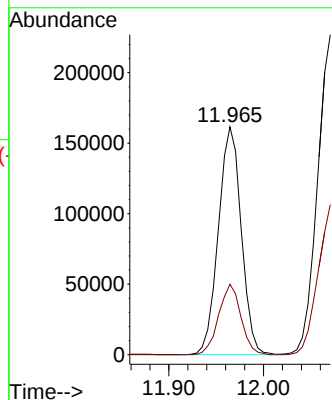
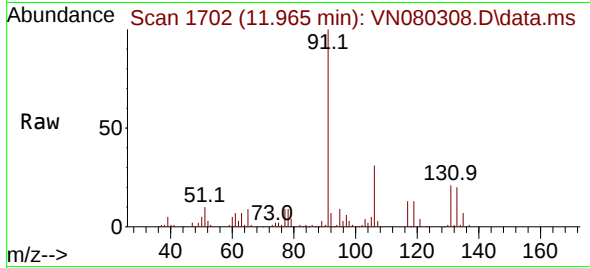
#67
Ethyl Benzene
Concen: 18.775 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 91 Resp: 271312
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

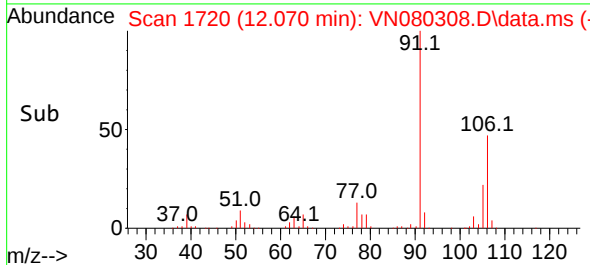
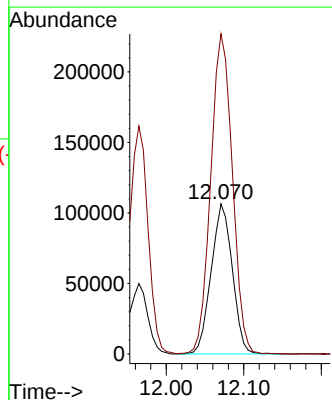
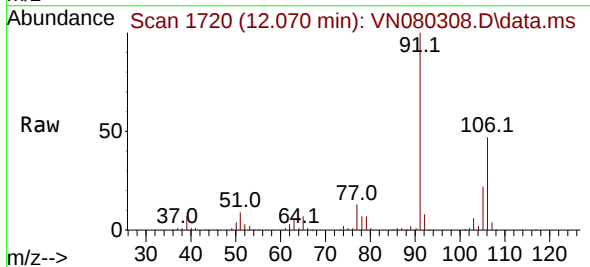
Manual Integrations
APPROVED

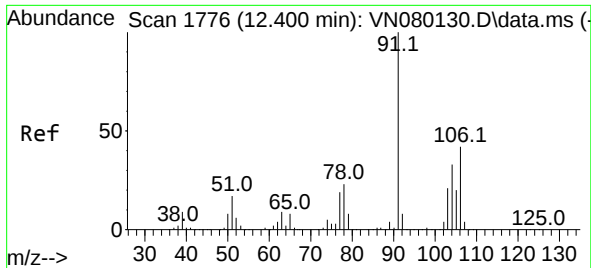
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#68
m/p-Xylenes
Concen: 38.226 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion:106 Resp: 201407
Ion Ratio Lower Upper
106 100
91 219.1 159.6 239.4





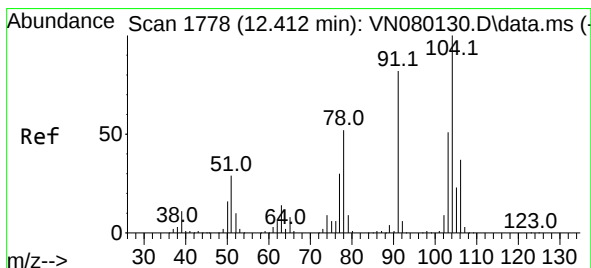
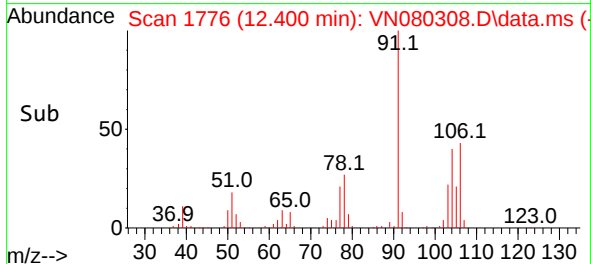
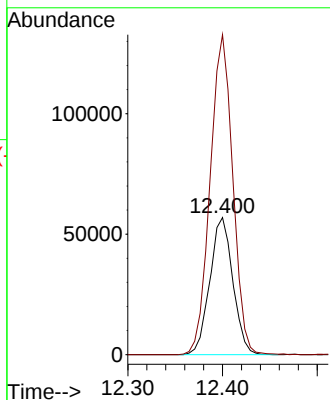
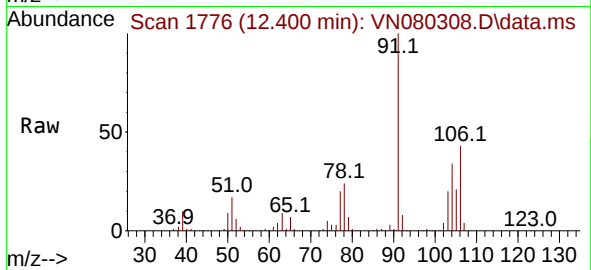
#69
o-Xylene
Concen: 19.345 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:106 Resp: 9605
Ion Ratio Lower Upper
106 100
91 230.3 105.2 315.5

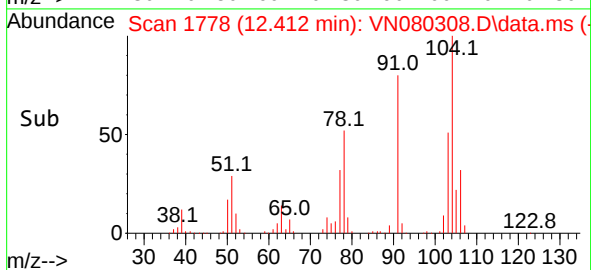
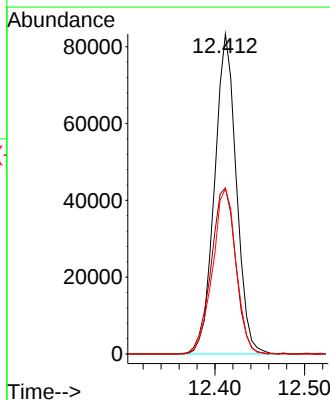
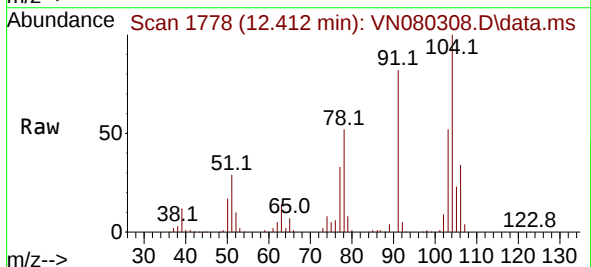
Manual Integrations
APPROVED

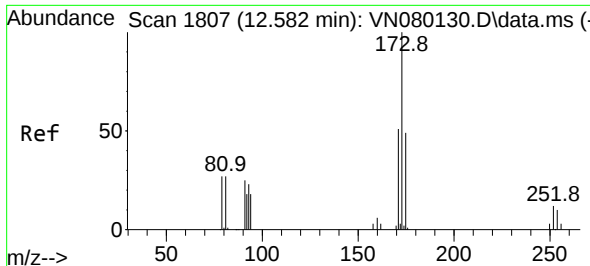
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#70
Styrene
Concen: 18.969 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

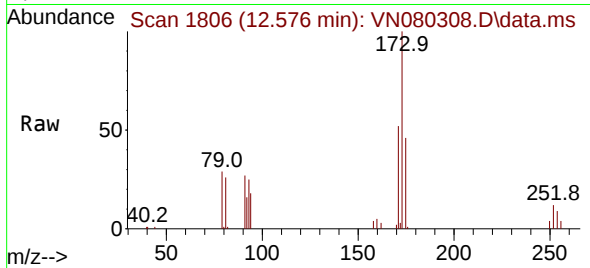
Tgt Ion:104 Resp: 140190
Ion Ratio Lower Upper
104 100
78 58.6 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 18.326 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

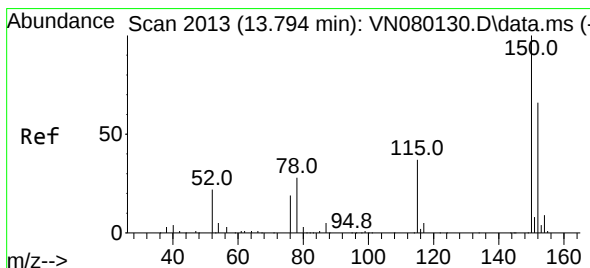
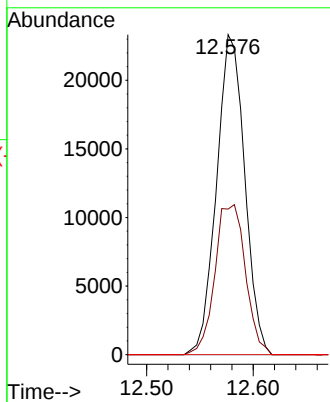
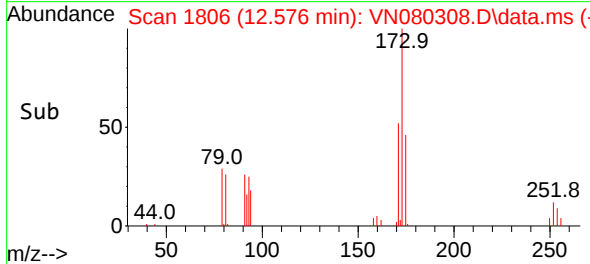
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



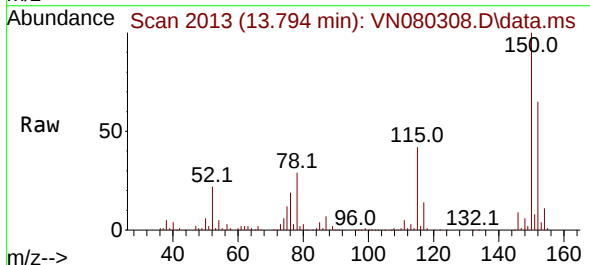
Tgt Ion:173 Resp: 42829
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

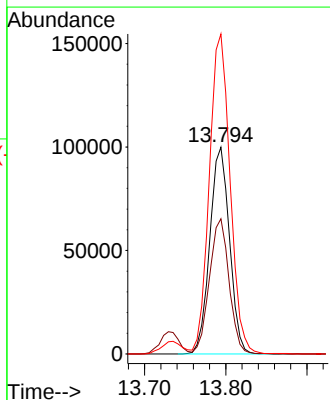
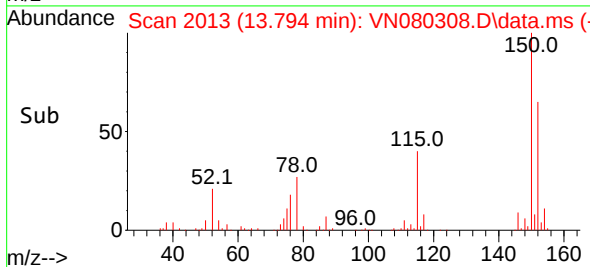
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

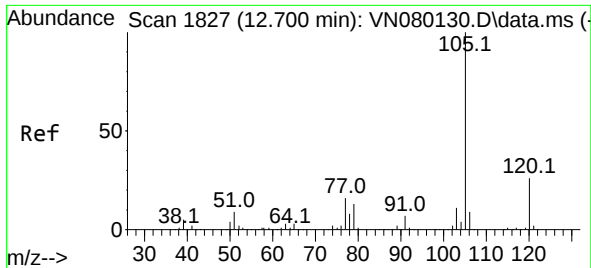


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34



Tgt Ion:152 Resp: 168534
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 161.9 0.0 355.8





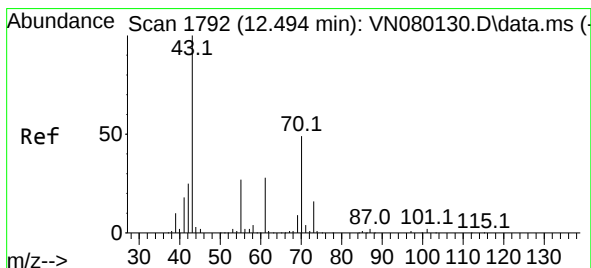
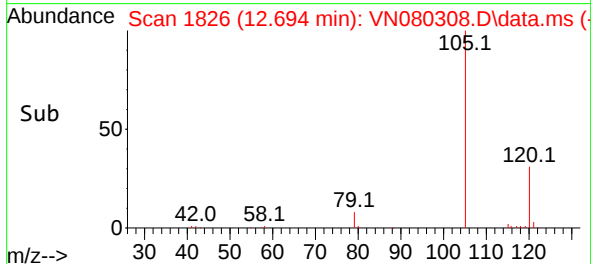
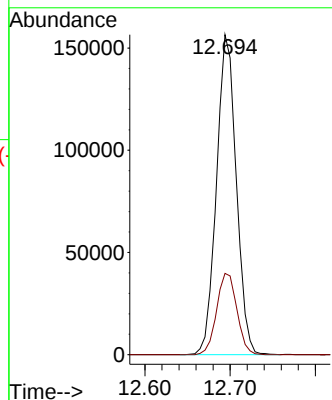
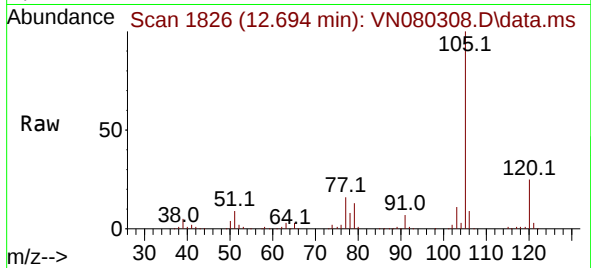
#73
Isopropylbenzene
Concen: 19.271 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:105 Resp: 252384
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

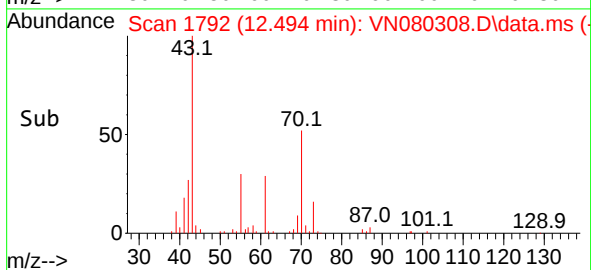
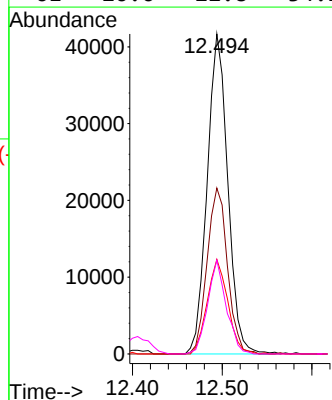
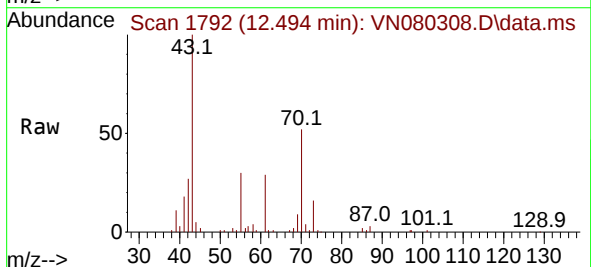
Manual Integrations
APPROVED

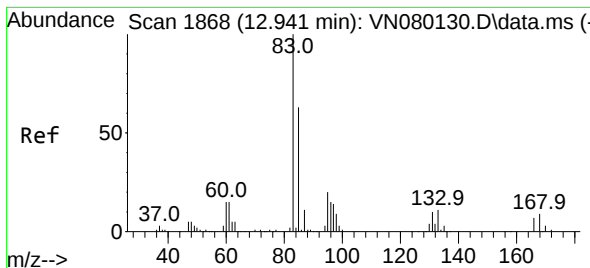
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#74
N-ethyl acetate
Concen: 16.280 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

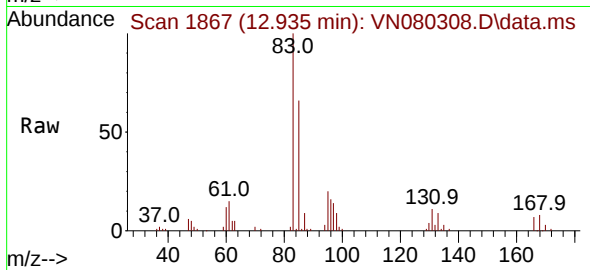
Tgt Ion: 43 Resp: 66487
Ion Ratio Lower Upper
43 100
70 51.3 43.4 65.2
55 29.6 21.4 32.0
61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.359 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

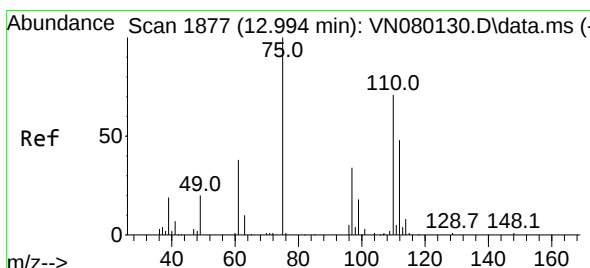
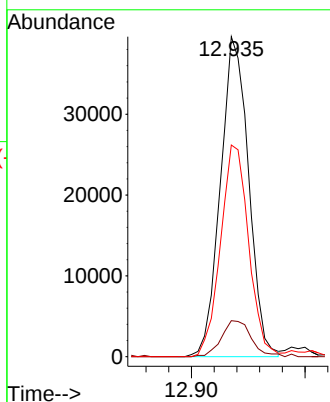
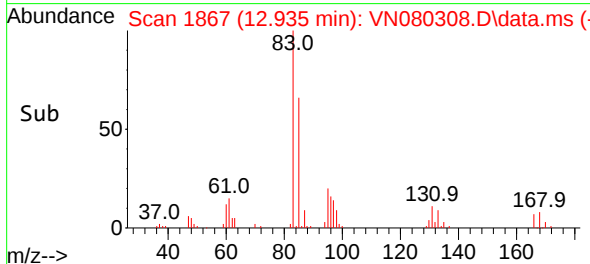
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



Tgt Ion: 83 Resp: 6804
Ion Ratio Lower Upper
83 100
131 12.1 5.0 15.0
85 66.4 31.9 95.7

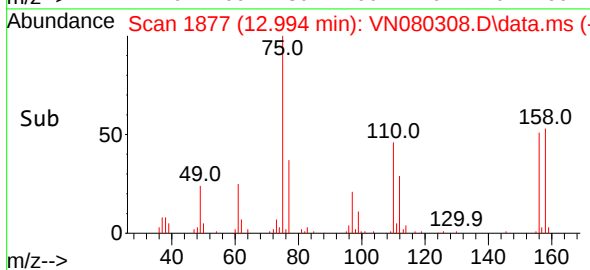
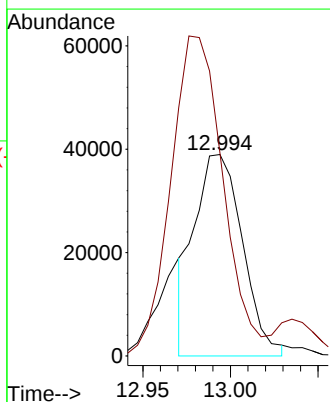
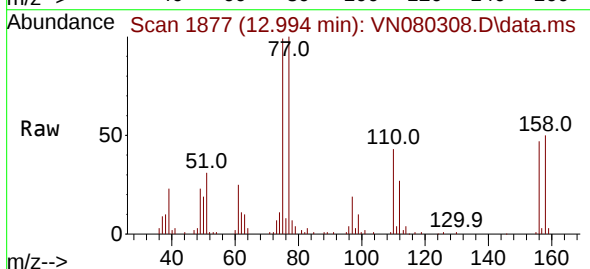
Manual Integrations
APPROVED

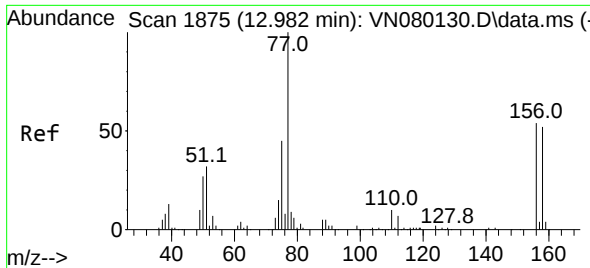
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#76
1,2,3-Trichloropropane
Concen: 17.972 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 75 Resp: 74212
Ion Ratio Lower Upper
75 100
77 172.9 84.5 253.5





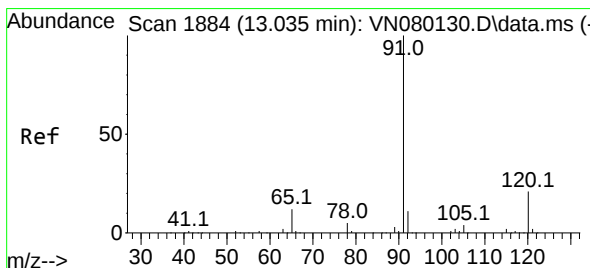
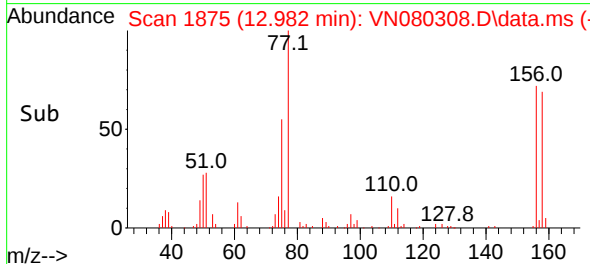
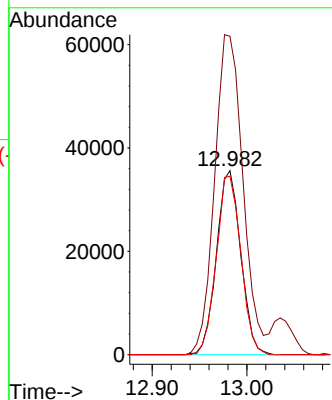
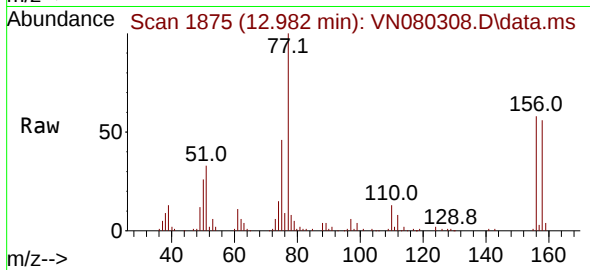
#77
Bromobenzene
Concen: 19.227 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:156 Resp: 6348
Ion Ratio Lower Upper
156 100
77 202.1 107.7 323.3
158 98.2 48.4 145.3

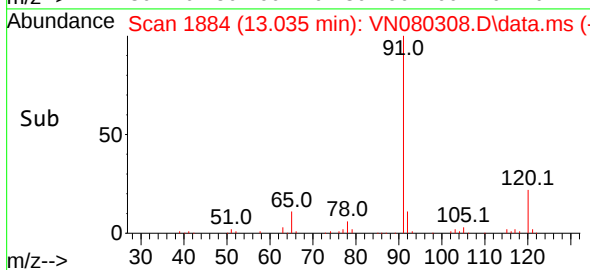
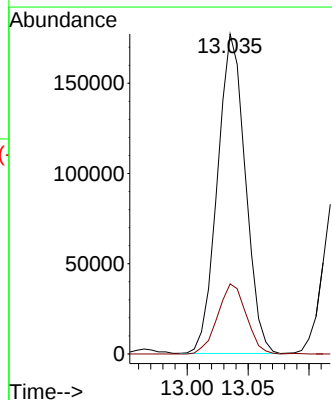
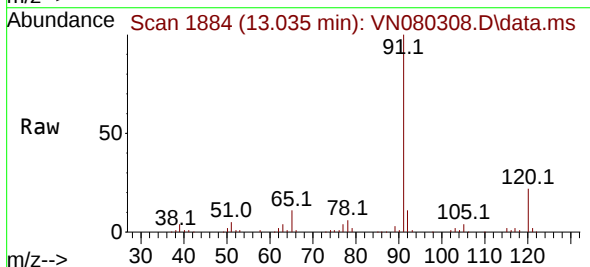
Manual Integrations
APPROVED

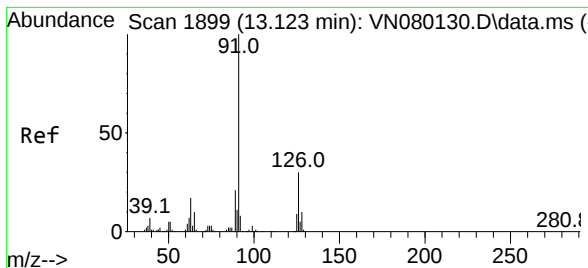
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#78
n-propylbenzene
Concen: 19.291 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 91 Resp: 282513
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





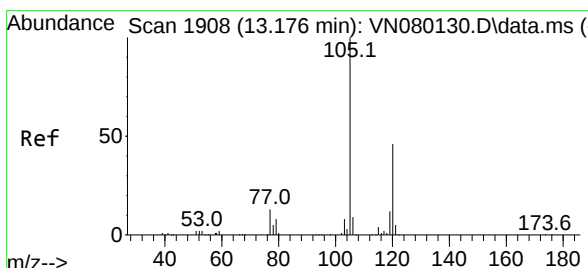
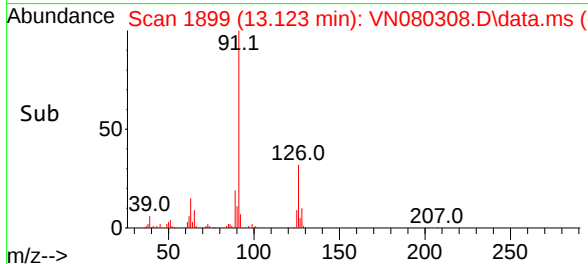
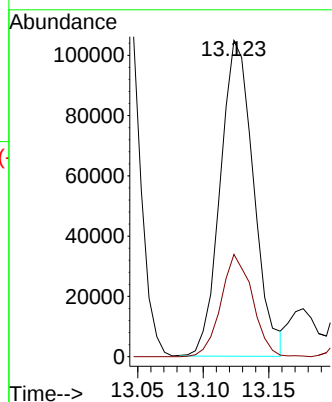
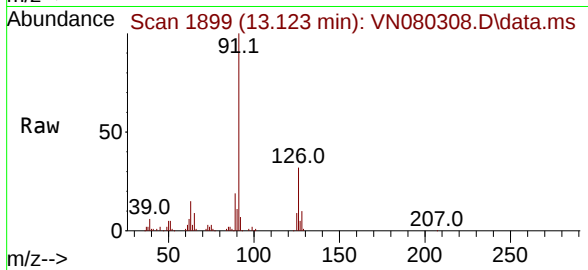
#79
2-Chlorotoluene
Concen: 19.462 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion: 91 Resp: 185117
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

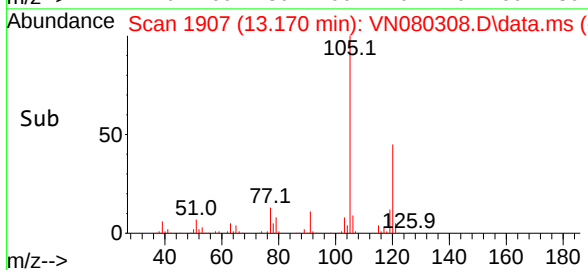
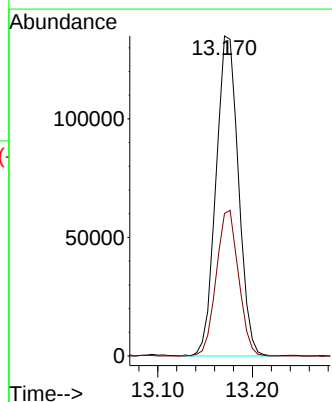
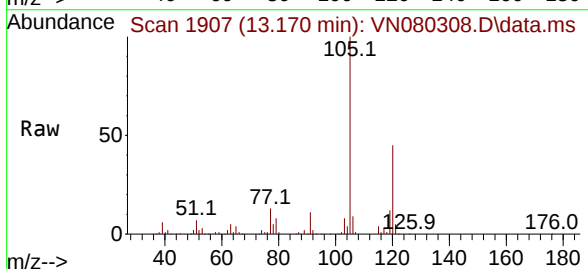
Manual Integrations
APPROVED

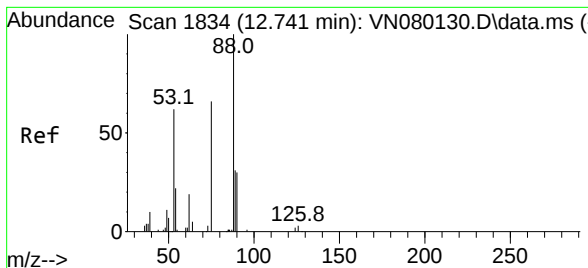
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.555 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

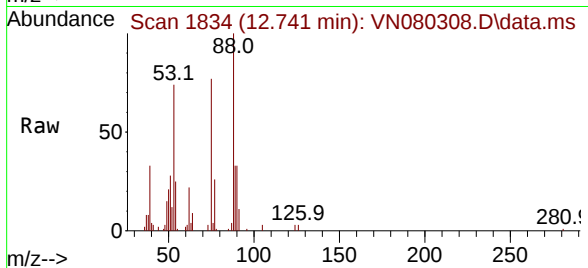
Tgt Ion:105 Resp: 222933
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.389 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

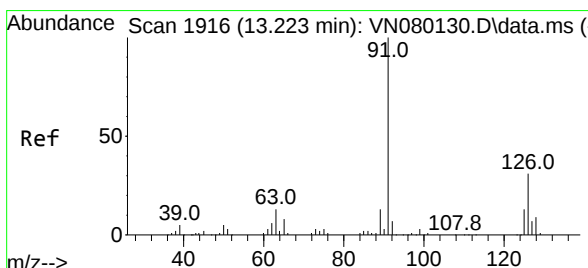
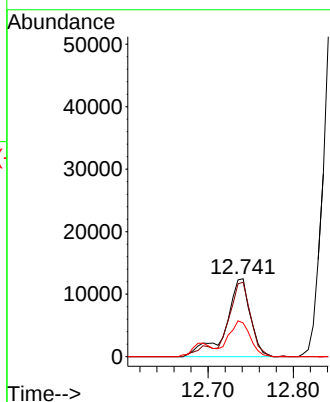
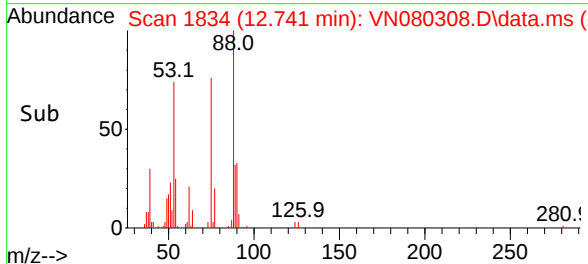
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



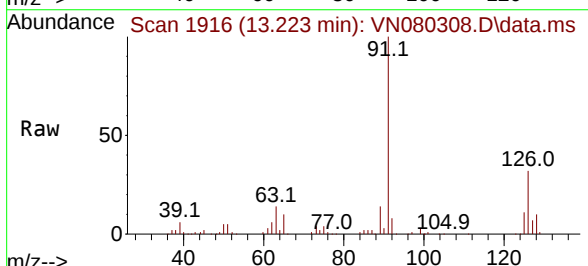
Tgt Ion: 75 Resp: 24920
Ion Ratio Lower Upper
75 100
53 92.6 67.4 101.2
89 39.6 38.8 58.2

Manual Integrations
APPROVED

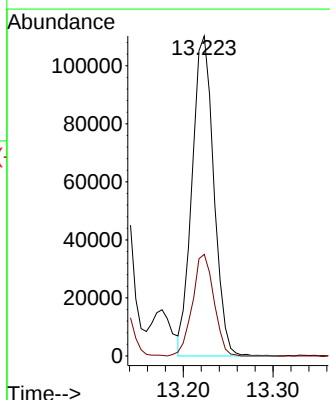
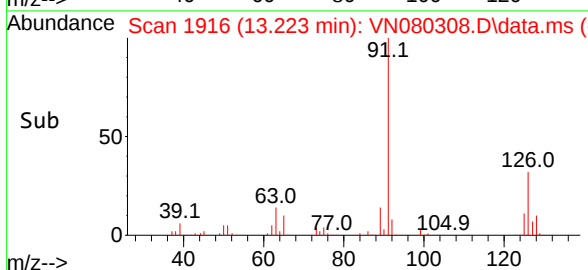
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

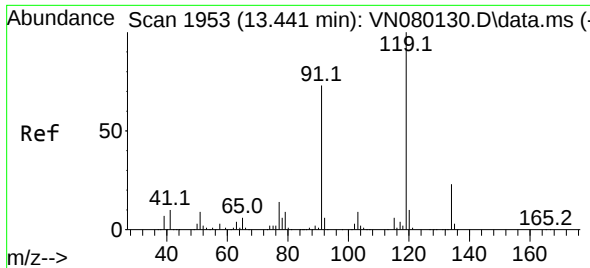


#82
4-Chlorotoluene
Concen: 18.964 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34



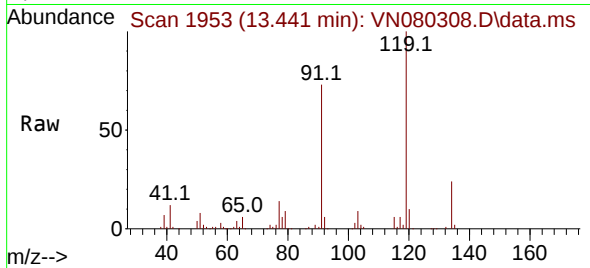
Tgt Ion: 91 Resp: 184789
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.271 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

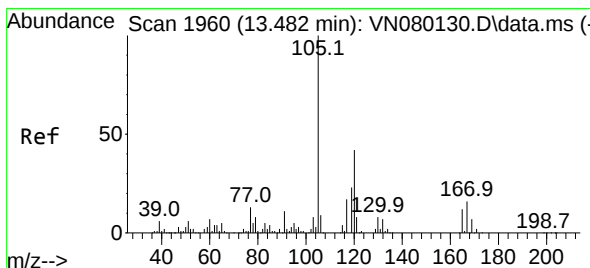
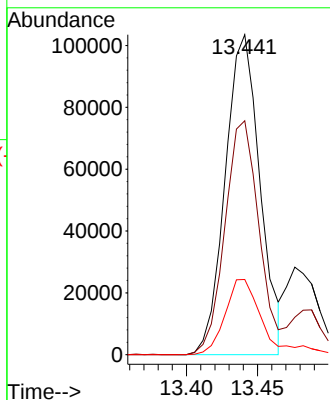
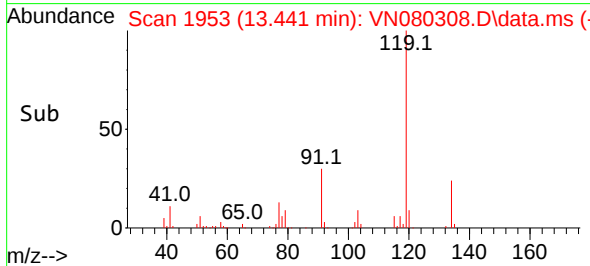
Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01



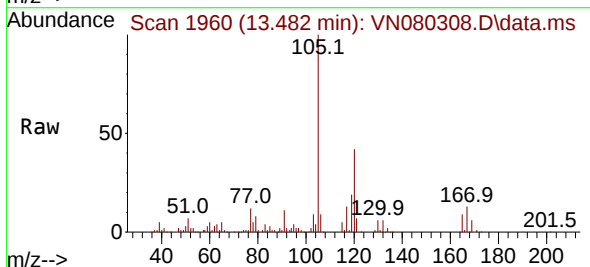
Tgt Ion:119 Resp: 17618
Ion Ratio Lower Upper
119 100
91 71.3 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
APPROVED

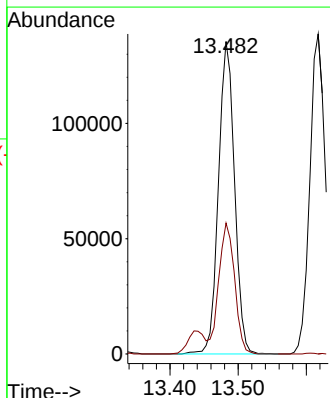
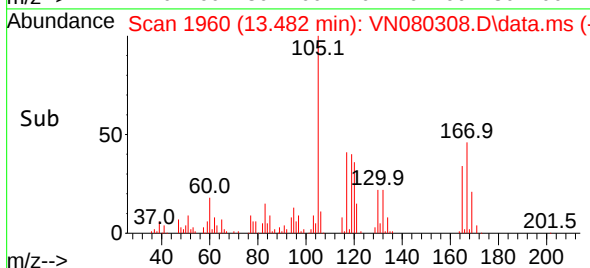
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023

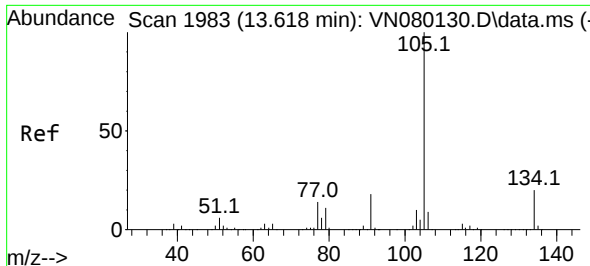


#84
1,2,4-Trimethylbenzene
Concen: 19.785 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34



Tgt Ion:105 Resp: 222102
Ion Ratio Lower Upper
105 100
120 41.8 22.0 66.0





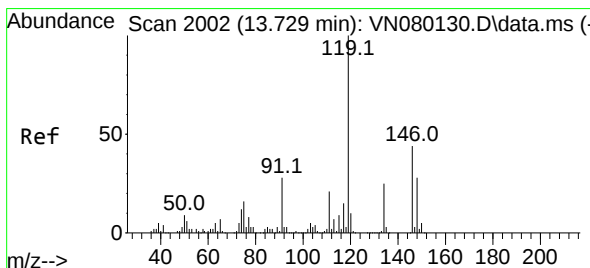
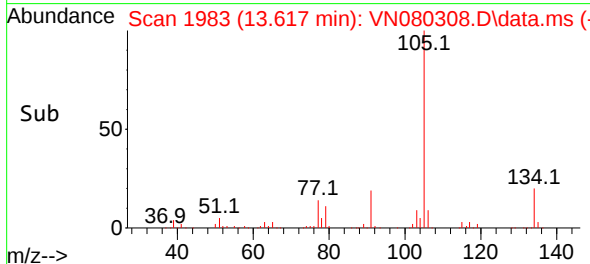
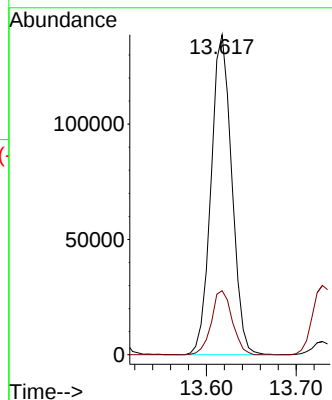
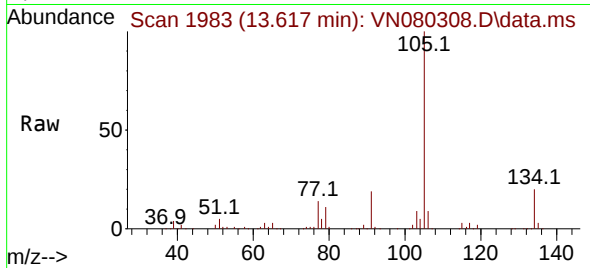
#85
 sec-Butylbenzene
 Concen: 19.267 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Tgt Ion:105 Resp: 22282
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

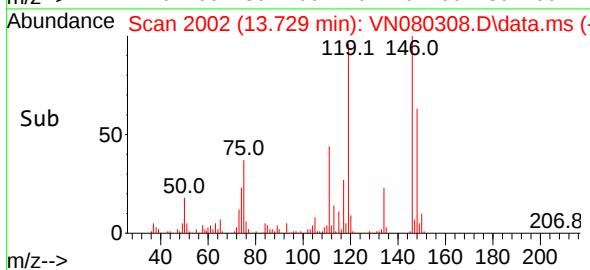
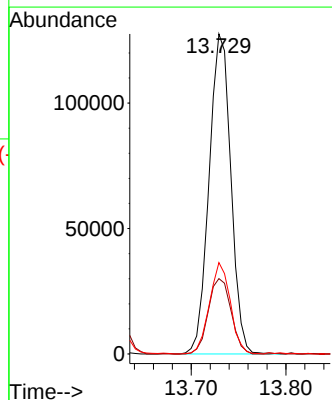
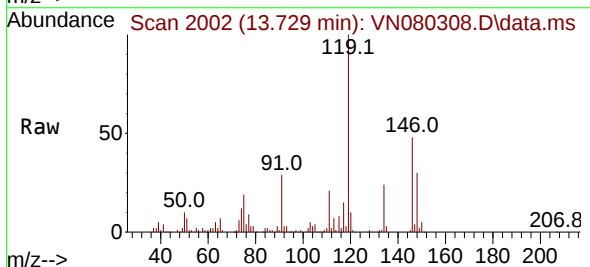
Manual Integrations
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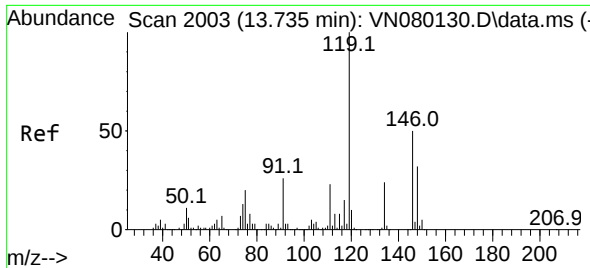
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023



#86
 p-Isopropyltoluene
 Concen: 19.723 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

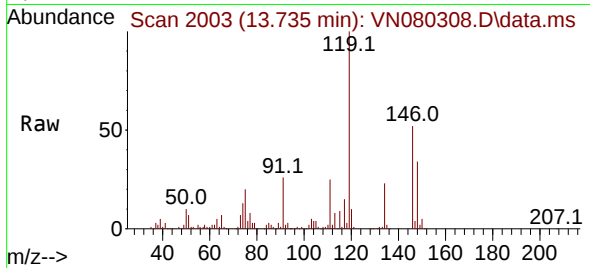
Tgt Ion:119 Resp: 203764
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 27.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.192 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34

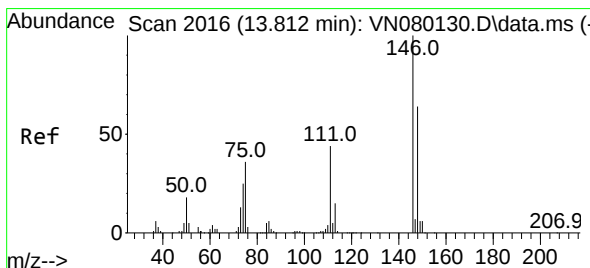
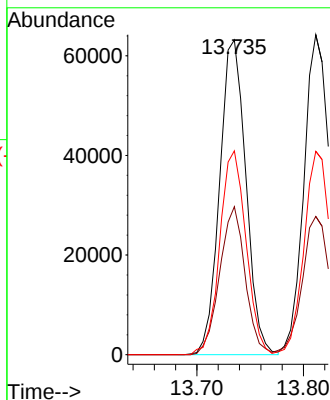
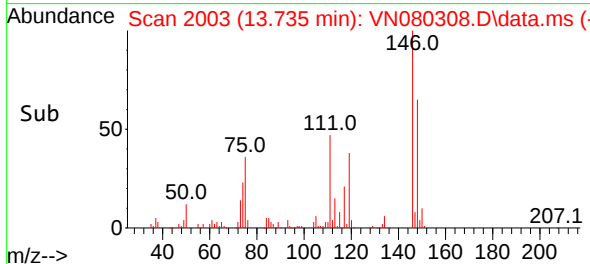
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01



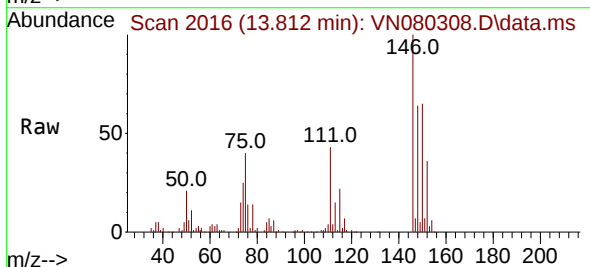
Tgt Ion:146 Resp: 10822
 Ion Ratio Lower Upper
 146 100
 111 45.7 22.1 66.3
 148 64.6 32.0 96.0

Manual Integrations
 APPROVED

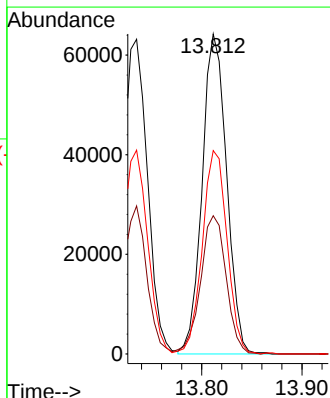
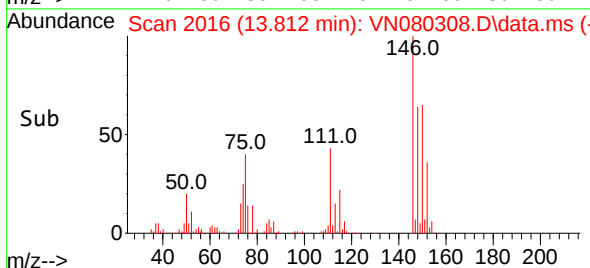
Reviewed By :John Carlone 11/30/2023
 Supervised By :Mahesh Dadoda 11/30/2023

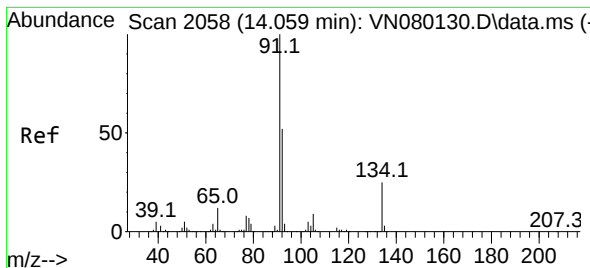


#88
 1,4-Dichlorobenzene
 Concen: 18.273 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080308.D
 Acq: 29 Nov 2023 14:34



Tgt Ion:146 Resp: 109242
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.6 61.8
 148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 18.427 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

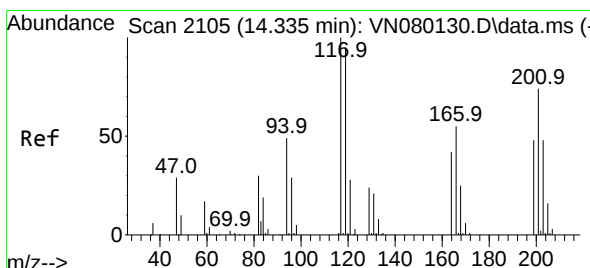
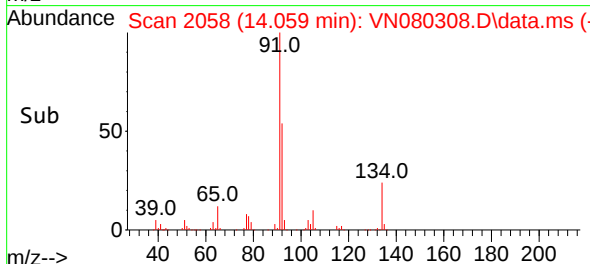
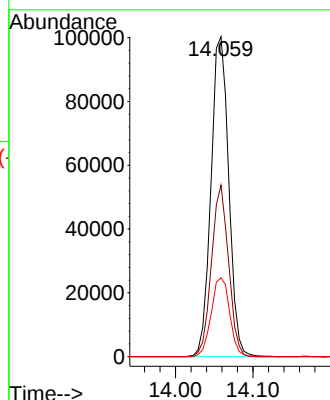
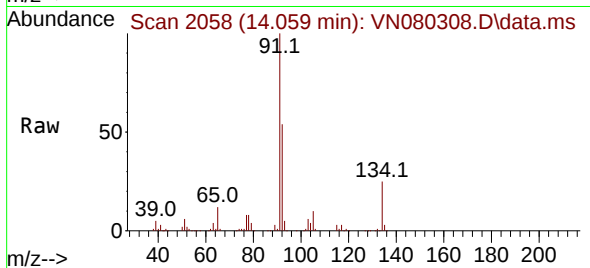
Tgt Ion:	91	Resp:	159340
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.4	79.0
134	25.6	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#90

Hexachloroethane

Concen: 18.061 ug/l

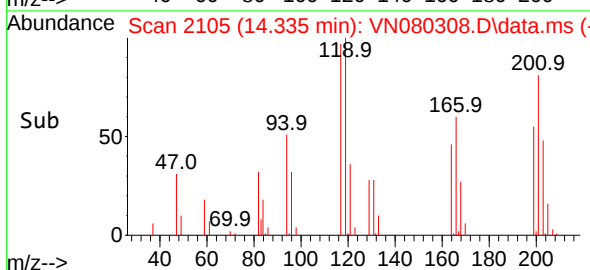
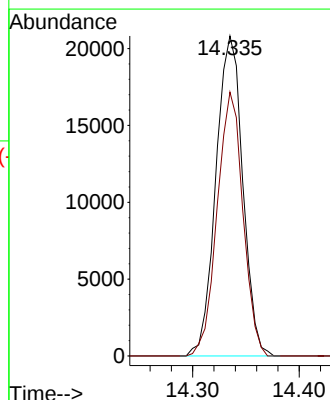
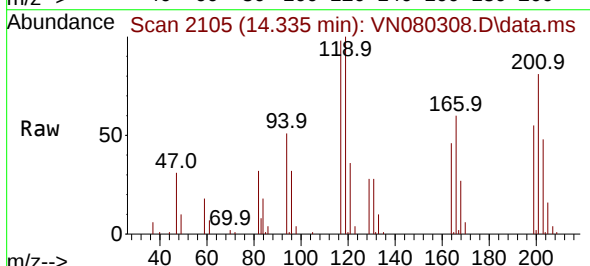
RT: 14.335 min Scan# 2105

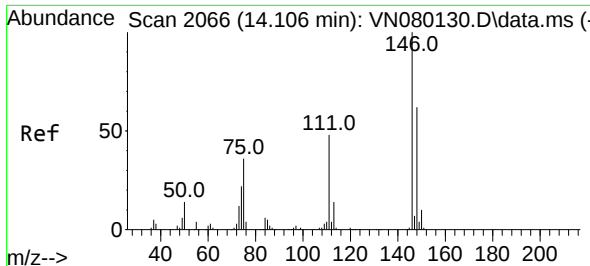
Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion:	117	Resp:	36376
Ion	Ratio	Lower	Upper
117	100		
201	79.2	29.3	88.0





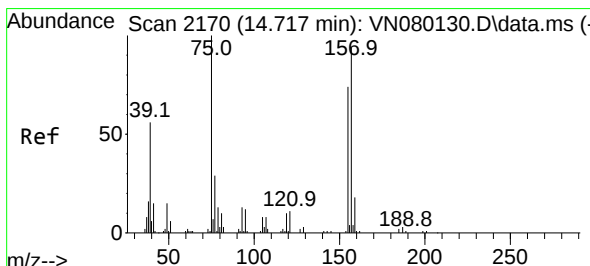
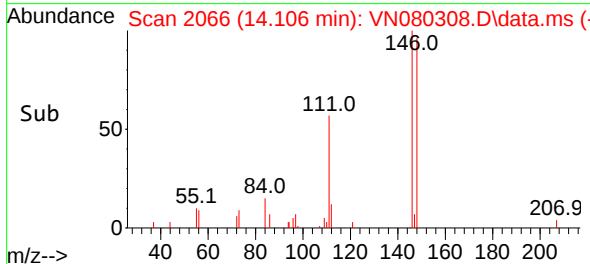
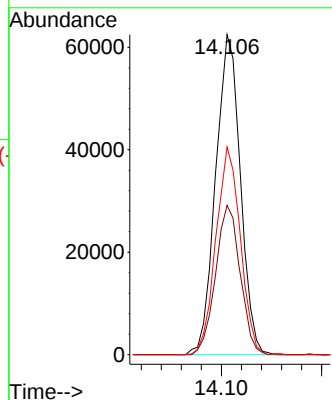
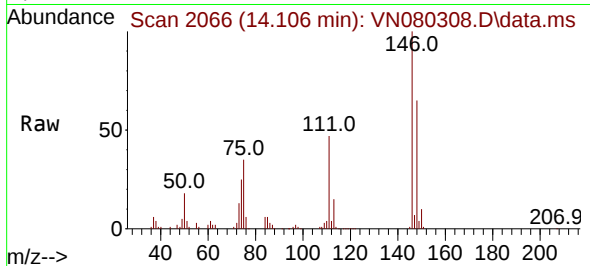
#91
1,2-Dichlorobenzene
Concen: 18.757 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN1129MBS01

Tgt Ion:146 Resp: 106778
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 64.1 31.8 95.3

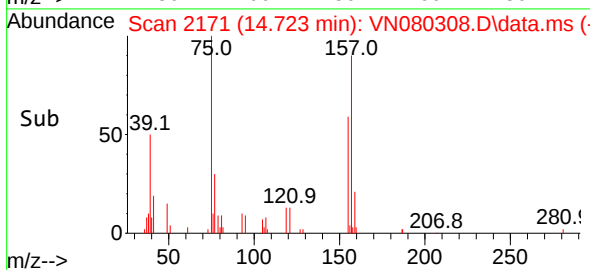
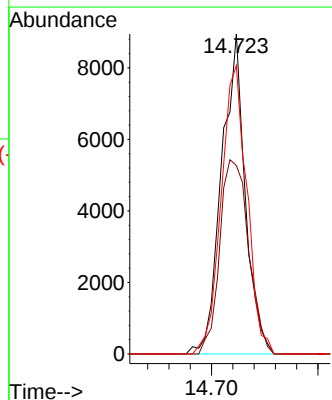
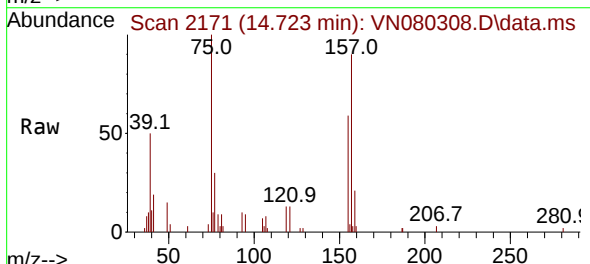
Manual Integrations
APPROVED

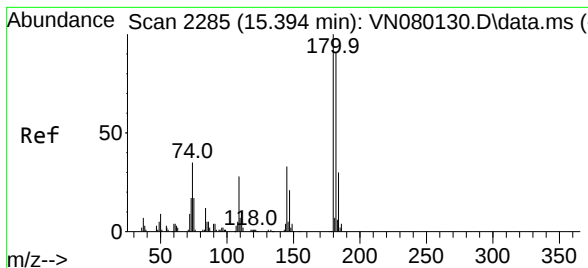
Reviewed By :John Carlone 11/30/2023
Supervised By :Mahesh Dadoda 11/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.120 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080308.D
Acq: 29 Nov 2023 14:34

Tgt Ion: 75 Resp: 13766
Ion Ratio Lower Upper
75 100
155 74.0 39.1 117.2
157 97.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.799 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion:180 Resp: 5231

Ion Ratio Lower Upper

180 100

182 93.9 46.1 138.2

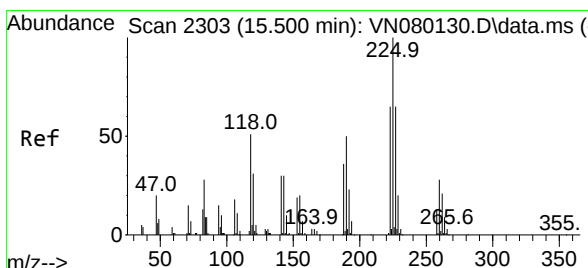
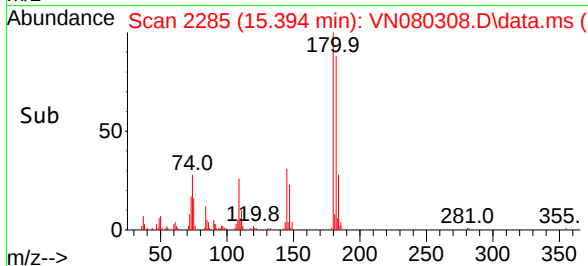
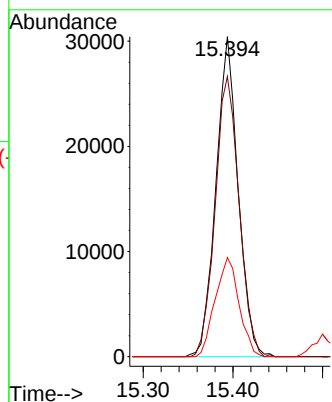
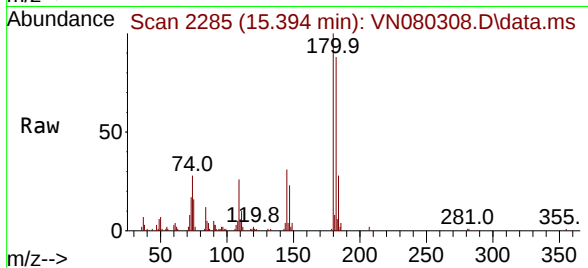
145 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#94

Hexachlorobutadiene

Concen: 17.048 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

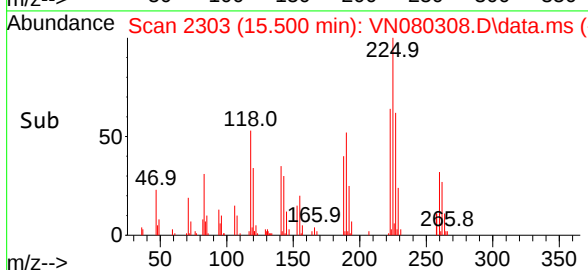
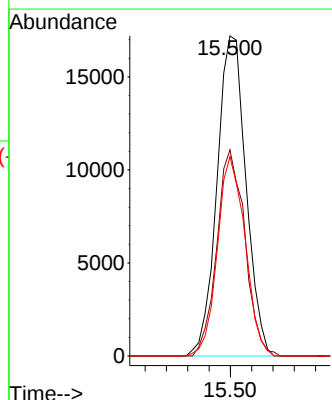
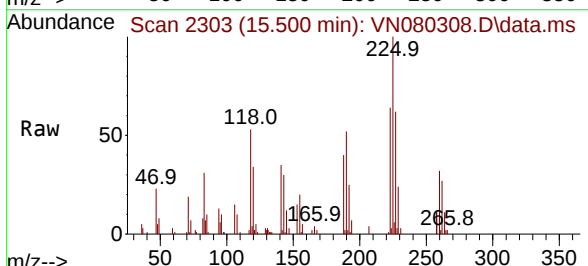
Tgt Ion:225 Resp: 32482

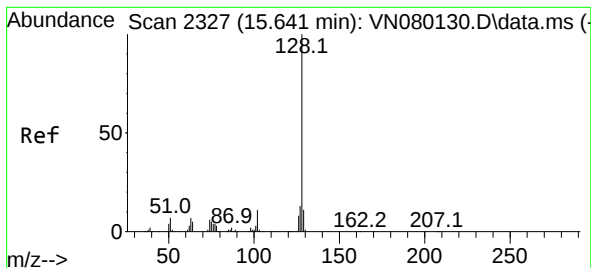
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 59.4 31.9 95.9





#95

Naphthalene

Concen: 13.452 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN1129MBS01

Tgt Ion:128 Resp: 12915

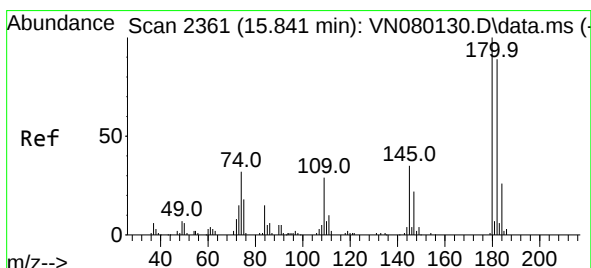
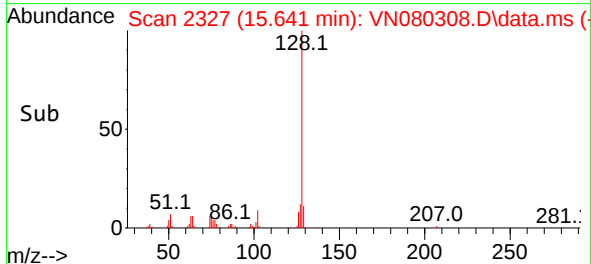
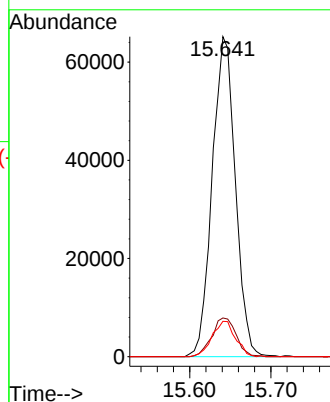
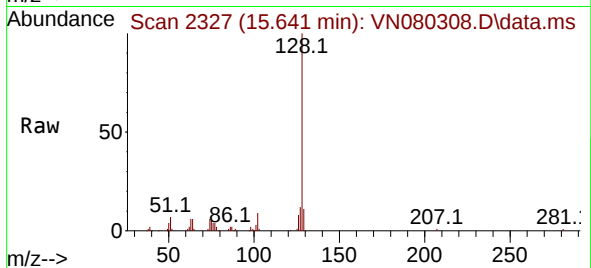
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2023

Supervised By :Mahesh Dadoda 11/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.059 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080308.D

Acq: 29 Nov 2023 14:34

Tgt Ion:180 Resp: 49836

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.6
145	37.7	17.5	52.6

