

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080369.D
 Acq On : 05 Dec 2023 16:21
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 04:22:43 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	223369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162250	43.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.980%		
35) Dibromofluoromethane	8.165	113	119695	46.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.960%		
50) Toluene-d8	10.570	98	420524	45.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.580%		
62) 4-Bromofluorobenzene	12.853	95	158434	45.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62251	18.710	ug/l	97
3) Chloromethane	2.359	50	43083	17.223	ug/l	100
4) Vinyl Chloride	2.518	62	48775	18.425	ug/l	97
5) Bromomethane	2.953	94	32711	18.202	ug/l	97
6) Chloroethane	3.124	64	31926	18.404	ug/l #	87
7) Trichlorofluoromethane	3.500	101	112576	20.386	ug/l	97
8) Diethyl Ether	3.959	74	28904	17.997	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	49062	19.437	ug/l	94
10) Methyl Iodide	4.594	142	53767	19.710	ug/l	89
11) Tert butyl alcohol	5.518	59	36864	90.891	ug/l	95
12) 1,1-Dichloroethene	4.341	96	45902	19.443	ug/l	94
13) Acrolein	4.177	56	35693	99.441	ug/l	99
14) Allyl chloride	5.018	41	50574	17.027	ug/l	92
15) Acrylonitrile	5.718	53	96593	88.715	ug/l	99
16) Acetone	4.430	43	92901	74.995	ug/l	94
17) Carbon Disulfide	4.712	76	119328	16.928	ug/l	99
18) Methyl Acetate	5.018	43	73233	18.399	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	163011	19.552	ug/l	100
20) Methylene Chloride	5.277	84	51656	19.912	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	50747	19.566	ug/l	86
22) Diisopropyl ether	6.671	45	123033	18.722	ug/l	93
23) Vinyl Acetate	6.606	43	343214	86.873	ug/l	95
24) 1,1-Dichloroethane	6.571	63	90988	19.010	ug/l	97
25) 2-Butanone	7.482	43	116198	78.949	ug/l	95
26) 2,2-Dichloropropane	7.488	77	91770	19.325	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56275	19.138	ug/l	90
28) Bromochloromethane	7.812	49	35275	18.747	ug/l	100
29) Tetrahydrofuran	7.841	42	70301	88.969	ug/l	93
30) Chloroform	7.965	83	109202	20.413	ug/l	92
31) Cyclohexane	8.265	56	73669	18.367	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	106398	20.394	ug/l	95
36) 1,1-Dichloropropene	8.371	75	72238	19.585	ug/l	96
37) Ethyl Acetate	7.559	43	47521	18.574	ug/l	98
38) Carbon Tetrachloride	8.365	117	98208	20.982	ug/l	99
39) Methylcyclohexane	9.606	83	66954	18.826	ug/l	95
40) Benzene	8.606	78	204489	19.507	ug/l	99

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 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)
41) Methacrylonitrile	7.777	41	26712	19.012	ug/l	91
42) 1,2-Dichloroethane	8.671	62	90914	21.198	ug/l	96
43) Isopropyl Acetate	8.688	43	81998	16.470	ug/l	97
44) Trichloroethene	9.353	130	56569	20.572	ug/l	97
45) 1,2-Dichloropropane	9.623	63	48852	20.053	ug/l	97
46) Dibromomethane	9.712	93	38122	20.672	ug/l	91
47) Bromodichloromethane	9.888	83	84388	20.803	ug/l	99
48) Methyl methacrylate	9.682	41	47230	18.408	ug/l	92
49) 1,4-Dioxane	9.700	88	14956	350.393	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	243906	94.626	ug/l	99
52) Toluene	10.635	92	133722	20.383	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82240	19.732	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	84212	19.777	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	52502	20.968	ug/l	99
56) Ethyl methacrylate	10.876	69	51467	20.120	ug/l	93
57) 1,3-Dichloropropane	11.165	76	87276	19.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	117627	81.623	ug/l	99
59) 2-Hexanone	11.200	43	176684	85.304	ug/l	97
60) Dibromochloromethane	11.359	129	61775	20.607	ug/l	98
61) 1,2-Dibromoethane	11.470	107	51738	20.254	ug/l	96
64) Tetrachloroethene	11.106	164	51427	21.828	ug/l	95
65) Chlorobenzene	11.894	112	140182	20.039	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	57895	21.327	ug/l	94
67) Ethyl Benzene	11.965	91	252882	20.316	ug/l	96
68) m/p-Xylenes	12.070	106	188409	41.513	ug/l	88
69) o-Xylene	12.400	106	88942	20.795	ug/l	86
70) Styrene	12.412	104	136074	21.375	ug/l	94
71) Bromoform	12.582	173	42387	21.055	ug/l #	99
73) Isopropylbenzene	12.700	105	239751	20.266	ug/l	99
74) N-amyl acetate	12.494	43	64763	17.555	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	67027	18.930	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64457m	17.280	ug/l	
77) Bromobenzene	12.982	156	58621	19.654	ug/l	93
78) n-propylbenzene	13.035	91	257063	19.432	ug/l	100
79) 2-Chlorotoluene	13.129	91	170472	19.841	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	205119	19.918	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	18767	16.998	ug/l #	77
82) 4-Chlorotoluene	13.223	91	171753	19.513	ug/l	96
83) tert-Butylbenzene	13.441	119	162294	19.652	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209254	20.636	ug/l	97
85) sec-Butylbenzene	13.617	105	205082	19.630	ug/l	99
86) p-Isopropyltoluene	13.729	119	190194	20.380	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	105057	19.550	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	105771	19.586	ug/l	98
89) n-Butylbenzene	14.059	91	146933	18.810	ug/l	98
90) Hexachloroethane	14.341	117	35036	19.257	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	101128	19.666	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14674	17.842	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	49954	16.702	ug/l	94
94) Hexachlorobutadiene	15.505	225	30249	17.575	ug/l	97
95) Naphthalene	15.641	128	136081	15.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49049	17.497	ug/l	97

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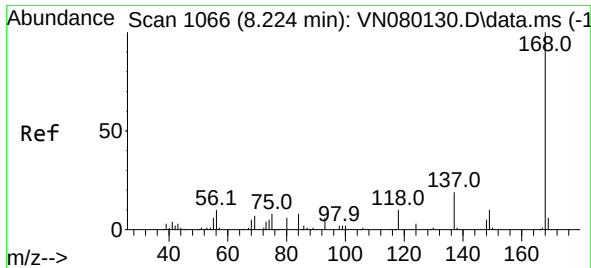
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/06/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

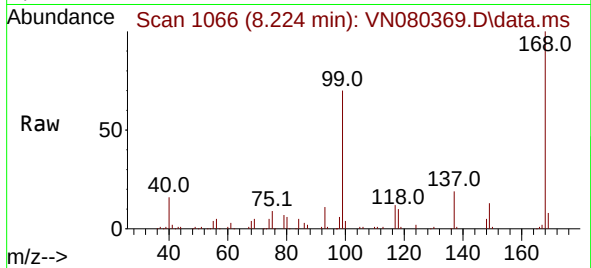
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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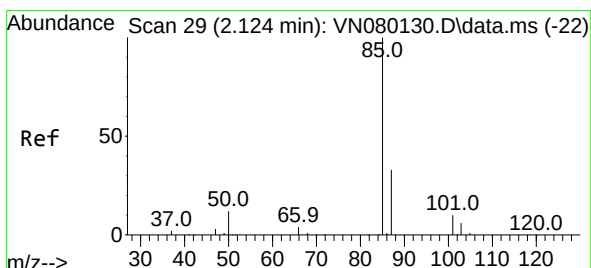
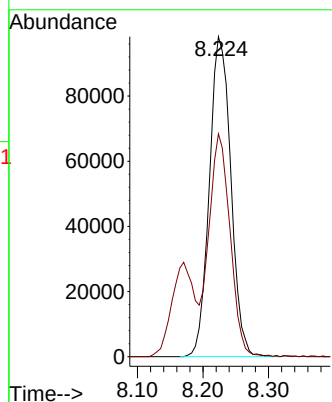
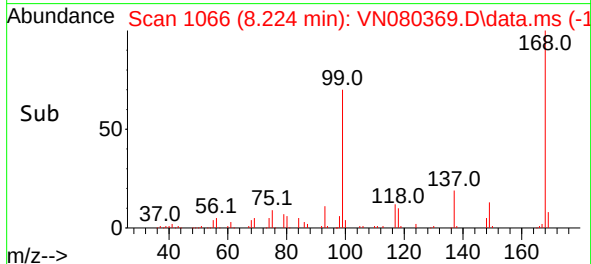
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion:168 Resp: 223369
Ion Ratio Lower Upper
168 100
99 69.7 53.0 79.6

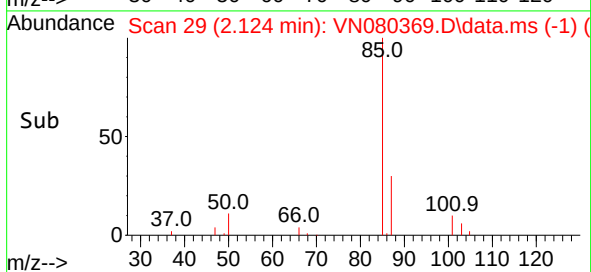
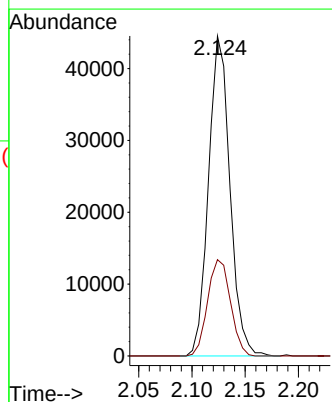
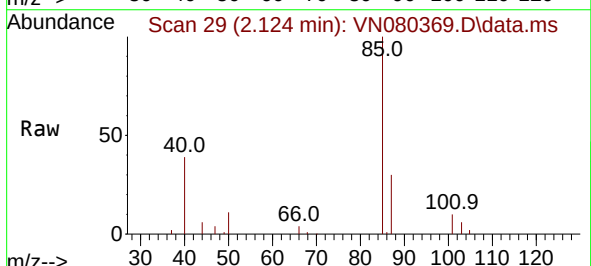
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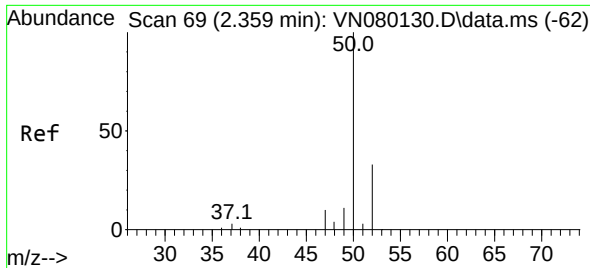
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#2
Dichlorodifluoromethane
Concen: 18.710 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion: 85 Resp: 62251
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





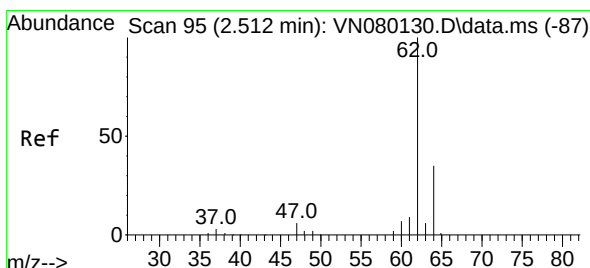
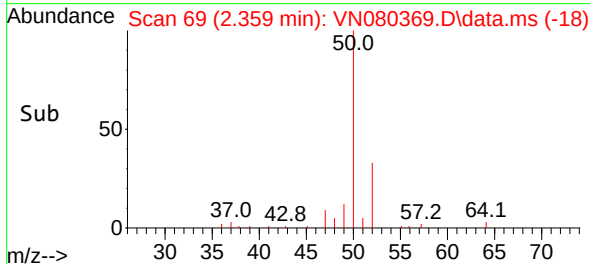
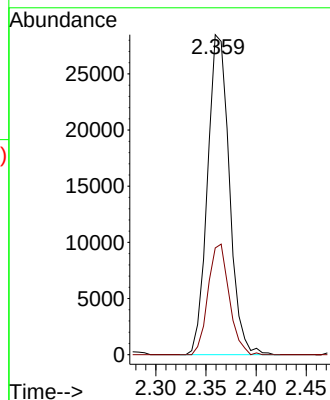
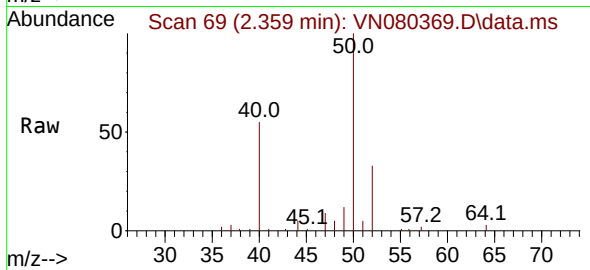
#3
Chloromethane
Concen: 17.223 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

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Tgt Ion: 50 Resp: 4308
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

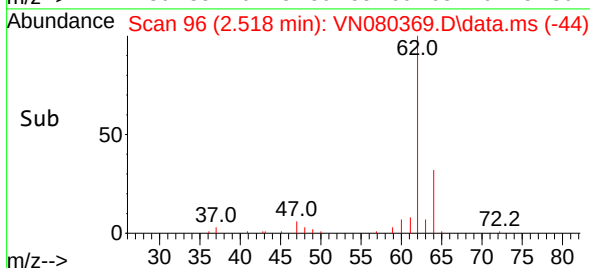
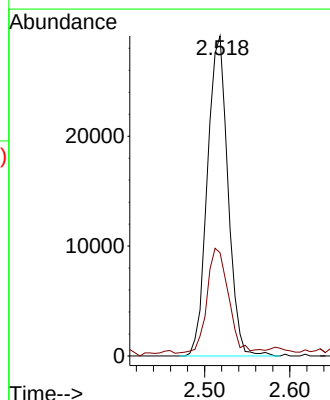
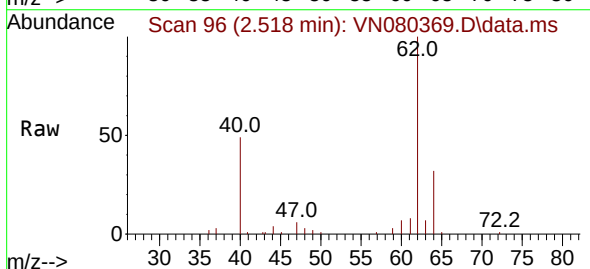
Manual Integrations
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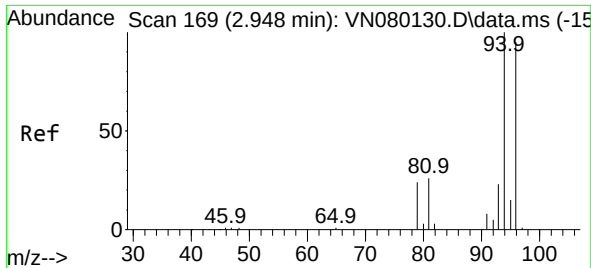
Reviewed By :John Carlone 12/06/2023
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#4
Vinyl Chloride
Concen: 18.425 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion: 62 Resp: 48775
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





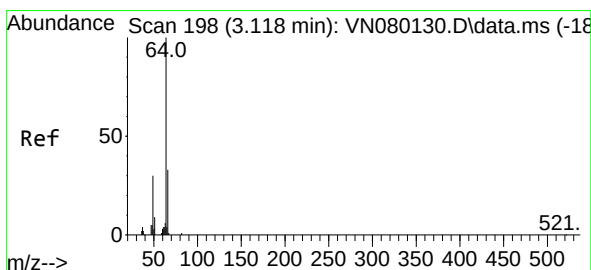
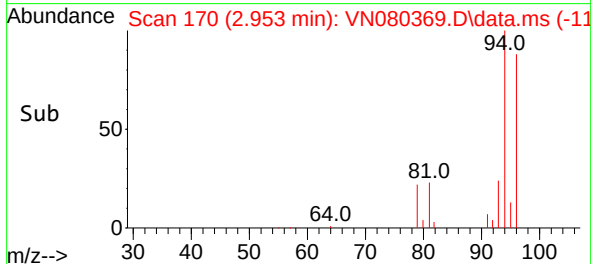
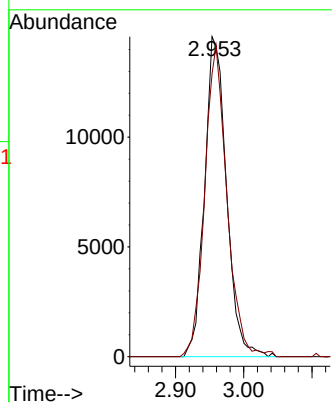
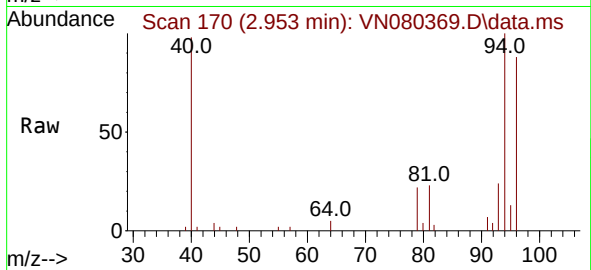
#5
Bromomethane
Concen: 18.202 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
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Tgt Ion: 94 Resp: 3271
Ion Ratio Lower Upper
94 100
96 88.3 73.1 109.7

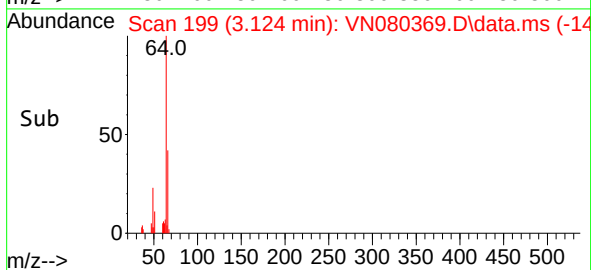
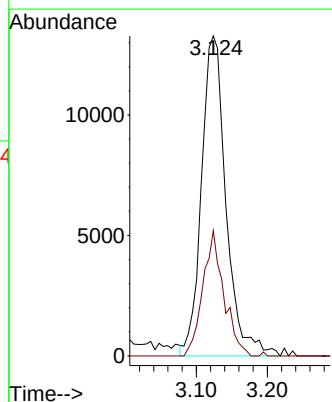
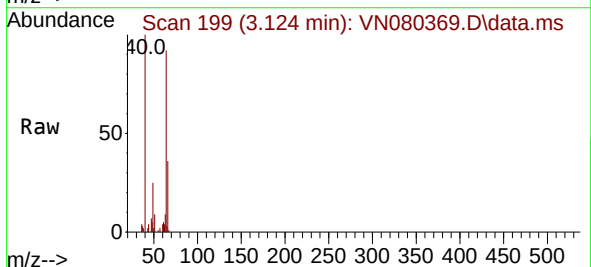
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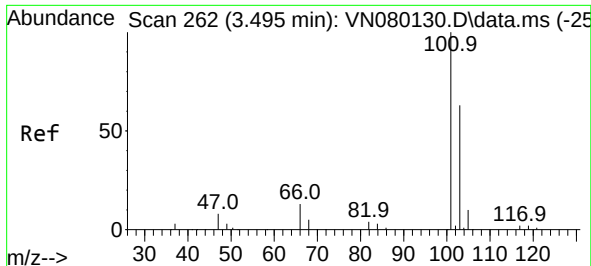
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#6
Chloroethane
Concen: 18.404 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion: 64 Resp: 31926
Ion Ratio Lower Upper
64 100
66 39.1 25.4 38.2#





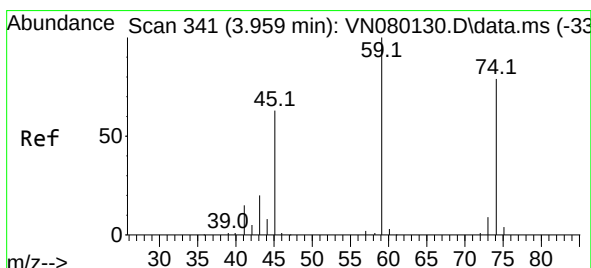
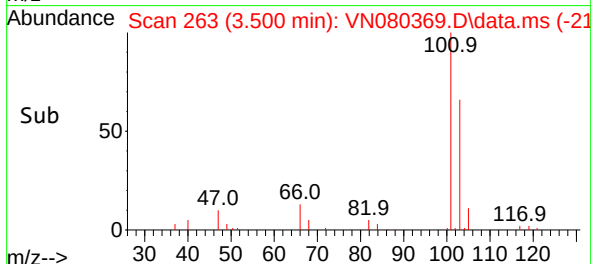
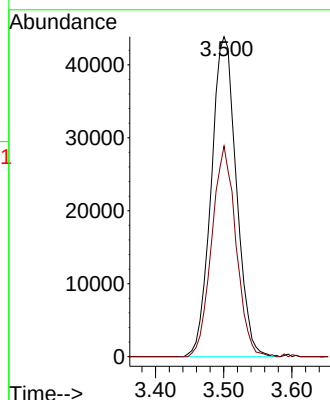
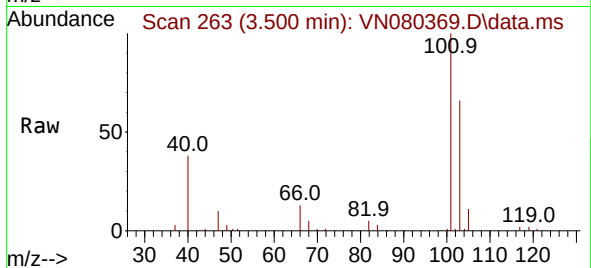
#7
Trichlorofluoromethane
Concen: 20.386 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion:101 Resp: 112570
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1

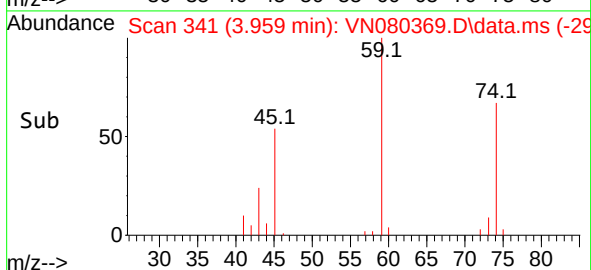
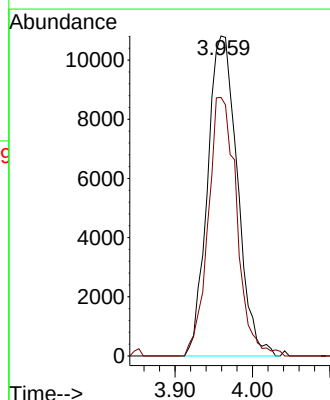
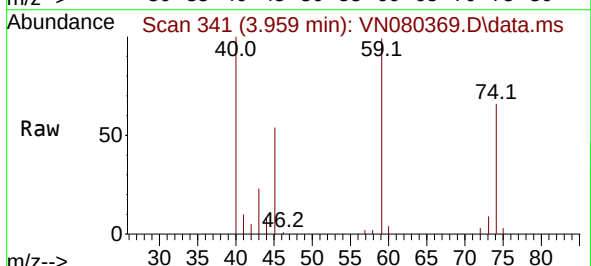
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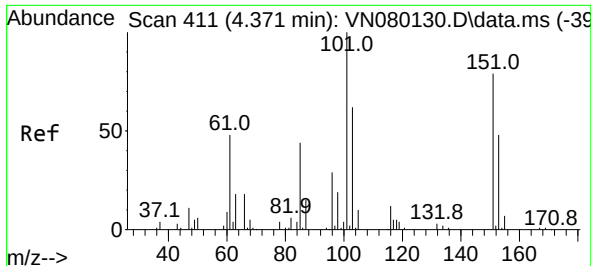
Reviewed By :John Carlone 12/06/2023
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#8
Diethyl Ether
Concen: 17.997 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion: 74 Resp: 28904
Ion Ratio Lower Upper
74 100
45 77.3 34.4 103.3





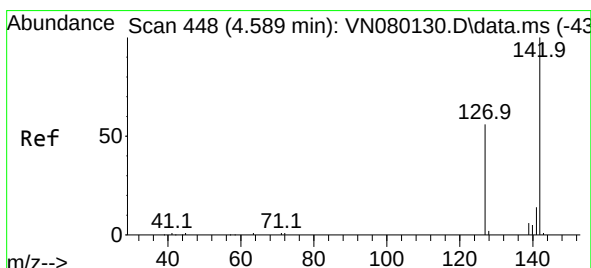
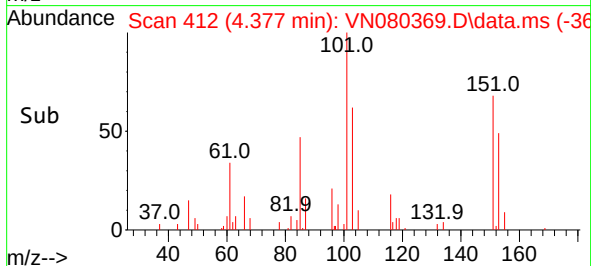
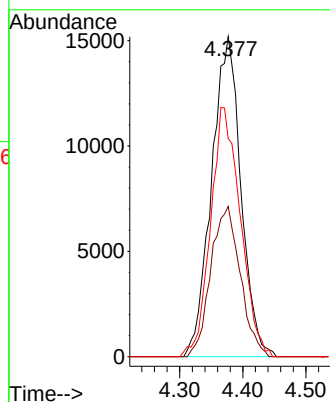
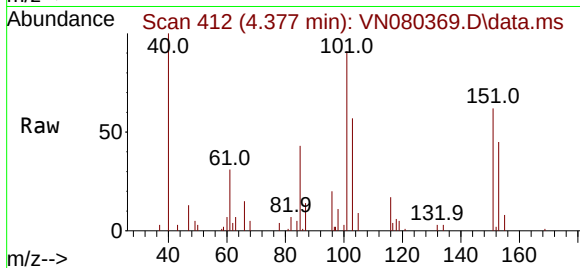
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.437 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion:101 Resp: 49062
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 79.0 57.6 86.4

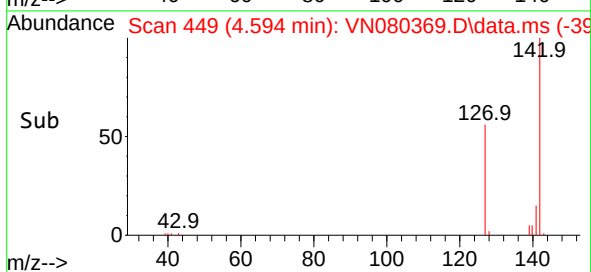
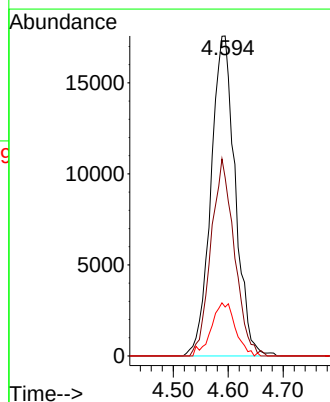
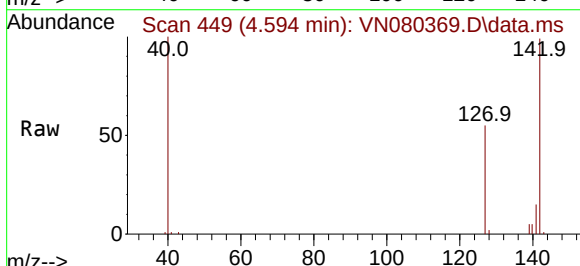
Manual Integrations
APPROVED

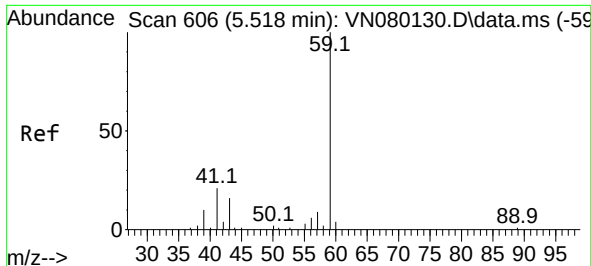
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#10
Methyl Iodide
Concen: 19.710 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:142 Resp: 53767
Ion Ratio Lower Upper
142 100
127 55.7 37.6 56.4
141 15.3 11.4 17.0





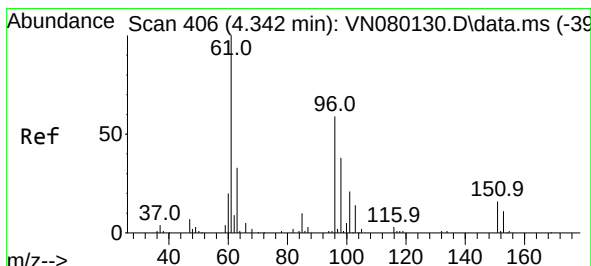
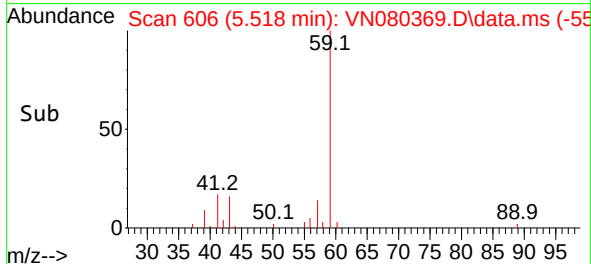
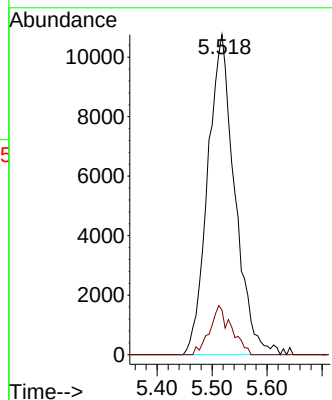
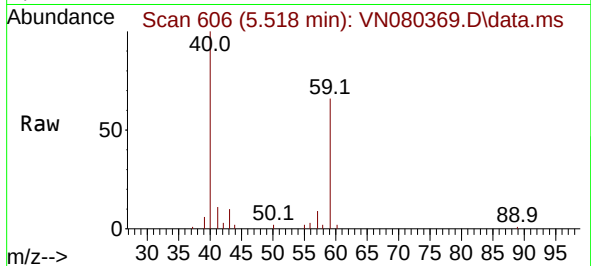
#11
Tert butyl alcohol
Concen: 90.891 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion: 59 Resp: 3686
Ion Ratio Lower Upper
59 100
57 12.2 8.2 12.4

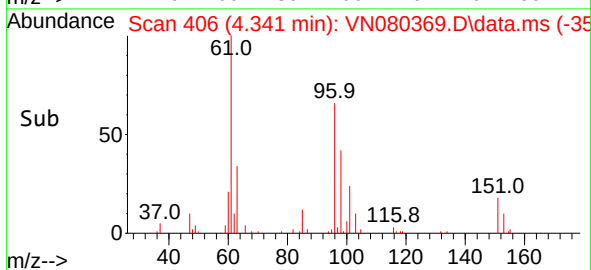
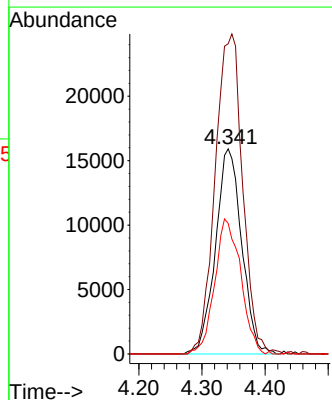
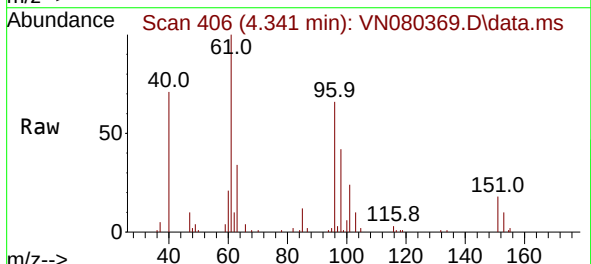
Manual Integrations
APPROVED

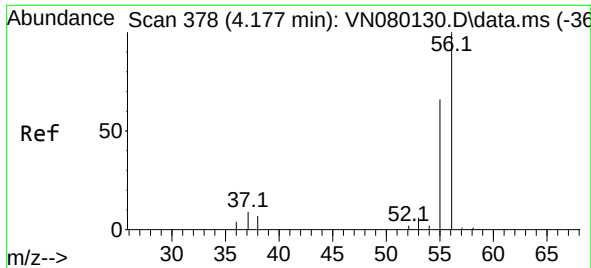
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#12
1,1-Dichloroethene
Concen: 19.443 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion: 96 Resp: 45902
Ion Ratio Lower Upper
96 100
61 151.2 112.7 169.1
98 63.6 51.2 76.8





#13

Acrolein

Concen: 99.441 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 56 Resp: 3569

Ion Ratio Lower Upper

56 100

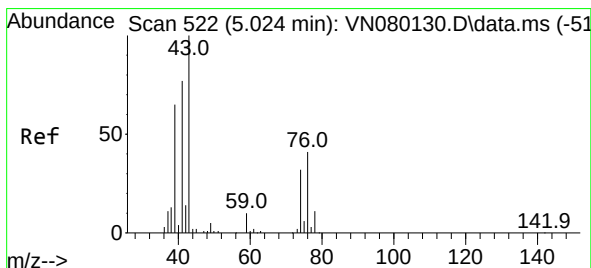
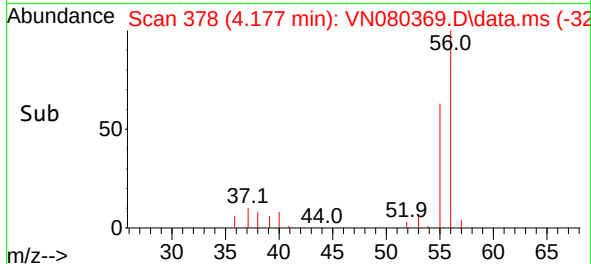
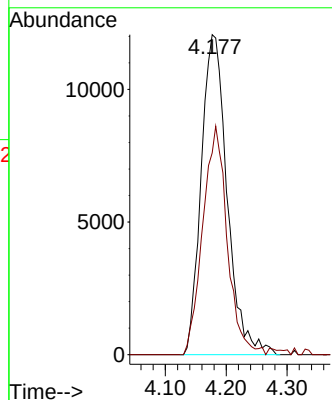
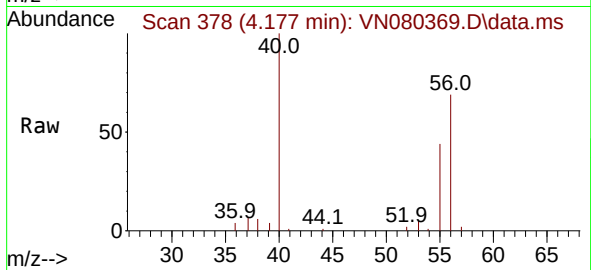
55 67.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#14

Allyl chloride

Concen: 17.027 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

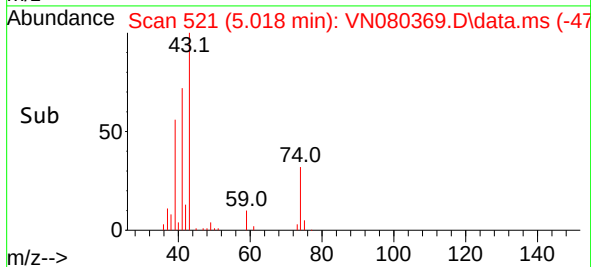
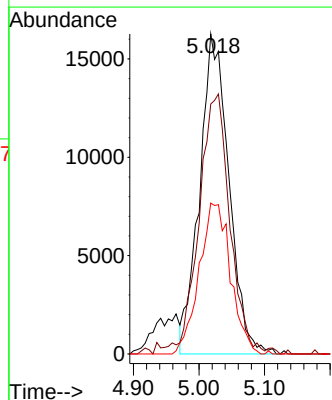
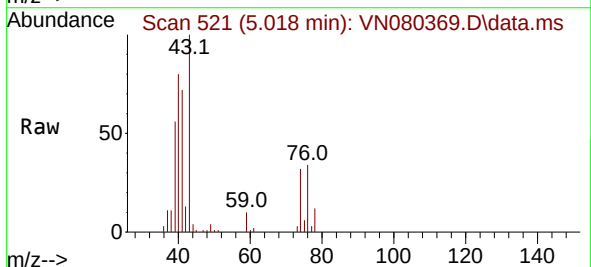
Tgt Ion: 41 Resp: 50574

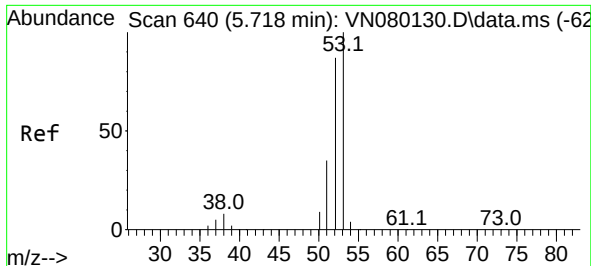
Ion Ratio Lower Upper

41 100

39 83.6 58.8 88.2

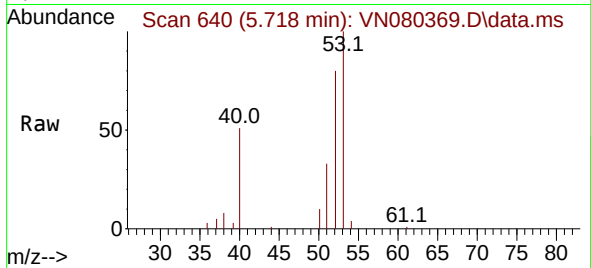
76 50.4 39.1 58.7





#15
Acrylonitrile
Concen: 88.715 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

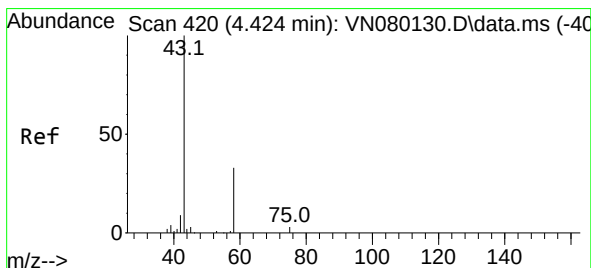
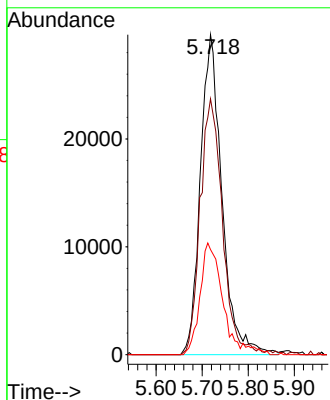
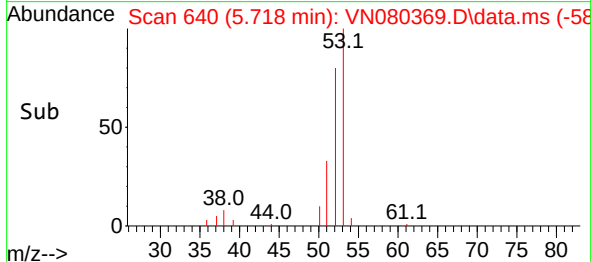
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 53 Resp: 9659
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 34.9 28.9 43.3

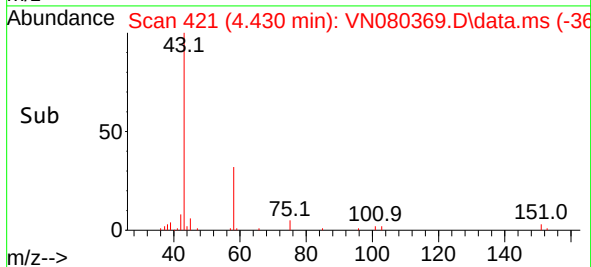
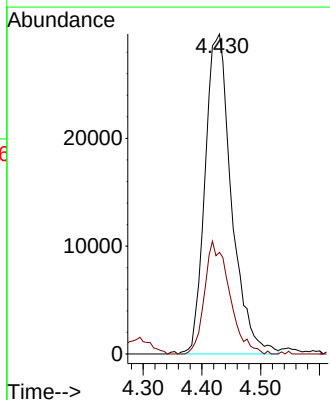
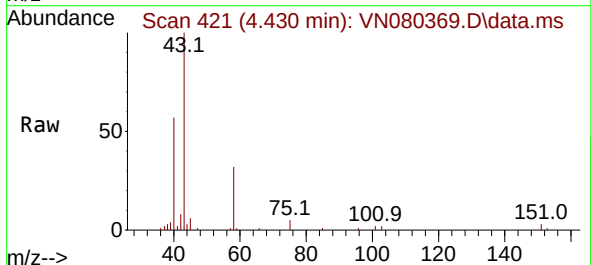
Manual Integrations
APPROVED

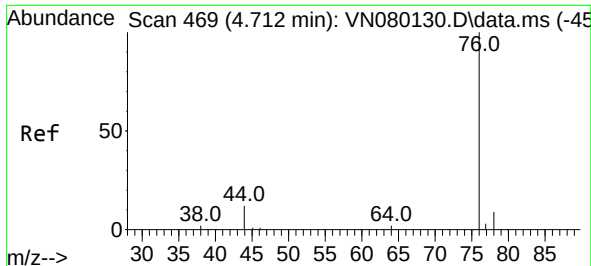
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#16
Acetone
Concen: 74.995 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

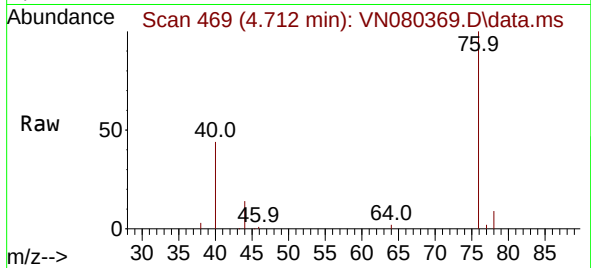
Tgt Ion: 43 Resp: 92901
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 16.928 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

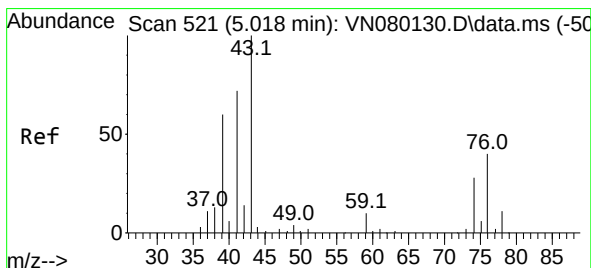
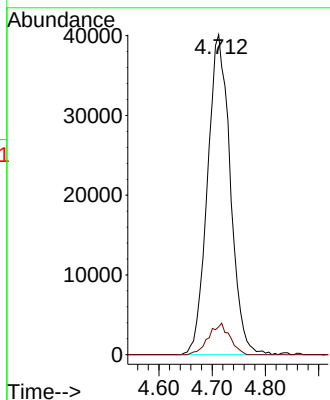
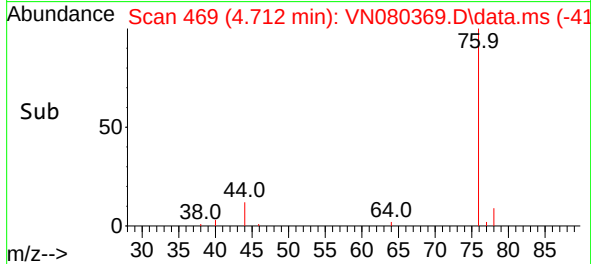
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



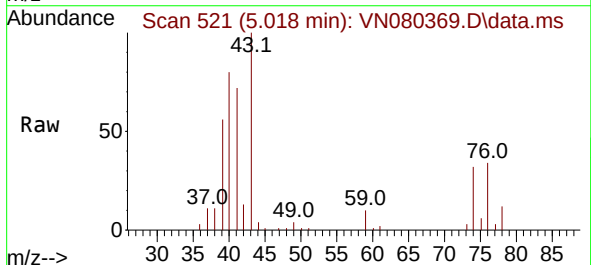
Tgt Ion: 76 Resp: 119328
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

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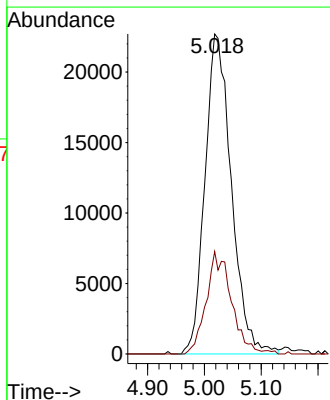
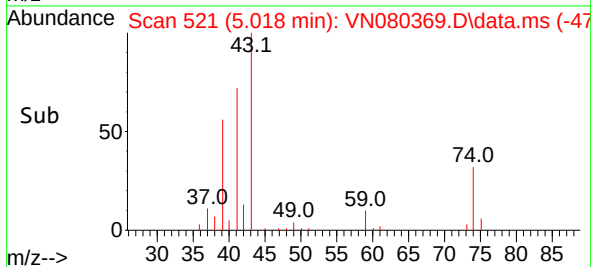
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

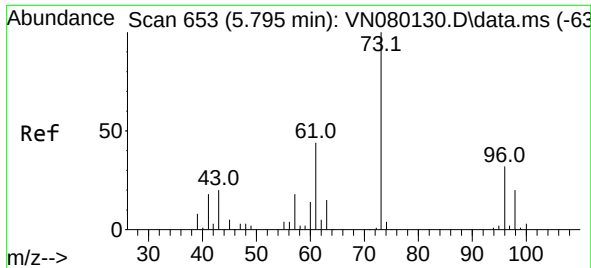


#18
Methyl Acetate
Concen: 18.399 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion: 43 Resp: 73233
Ion Ratio Lower Upper
43 100
74 30.7 26.2 39.4





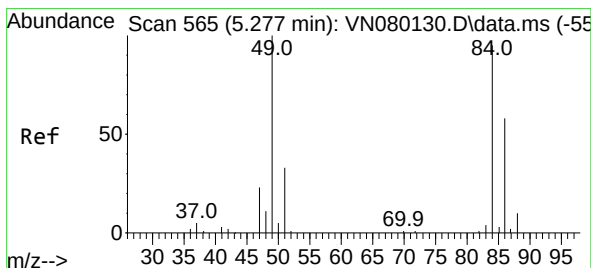
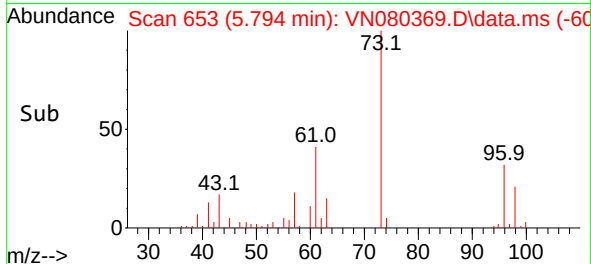
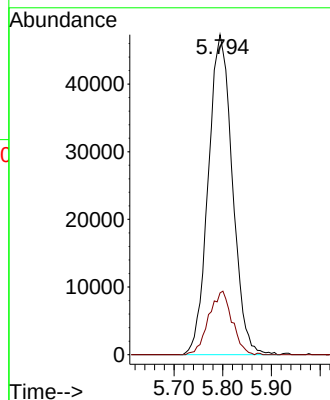
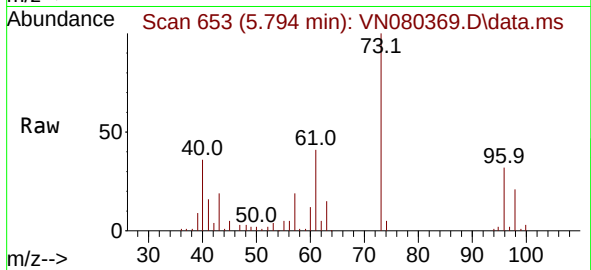
#19
Methyl tert-butyl Ether
Concen: 19.552 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion: 73 Resp: 16301
Ion Ratio Lower Upper
73 100
57 19.3 15.6 23.4

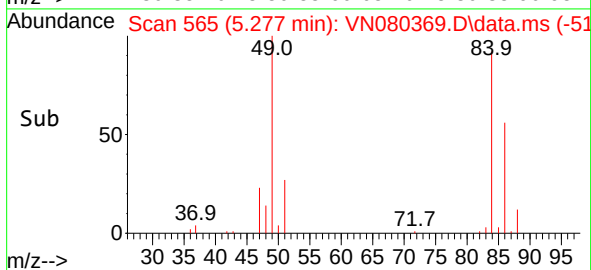
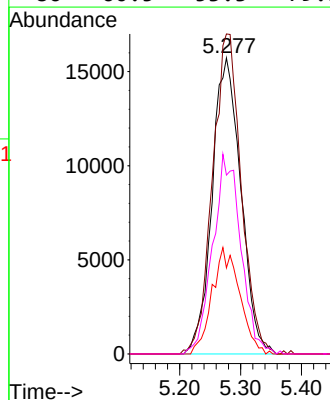
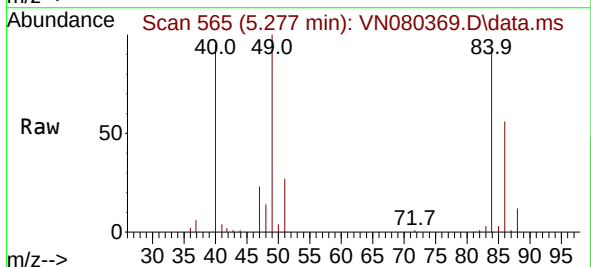
Manual Integrations
APPROVED

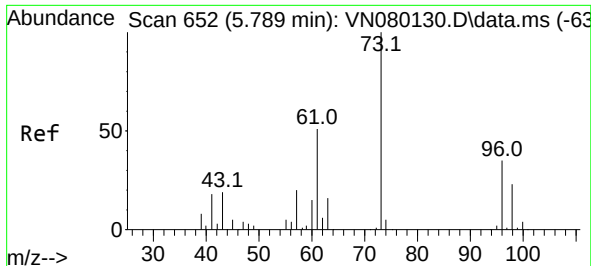
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#20
Methylene Chloride
Concen: 19.912 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

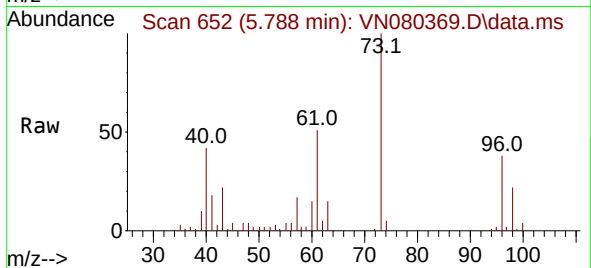
Tgt Ion: 84 Resp: 51656
Ion Ratio Lower Upper
84 100
49 108.1 79.7 119.5
51 29.1 25.2 37.8
86 60.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.566 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

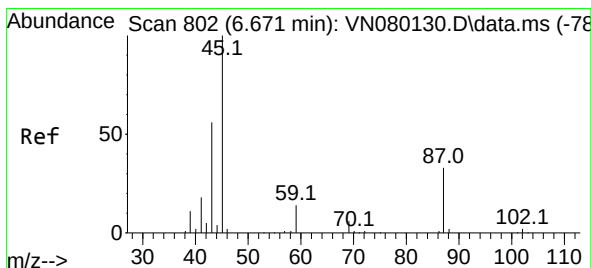
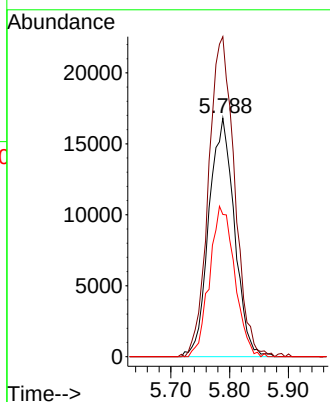
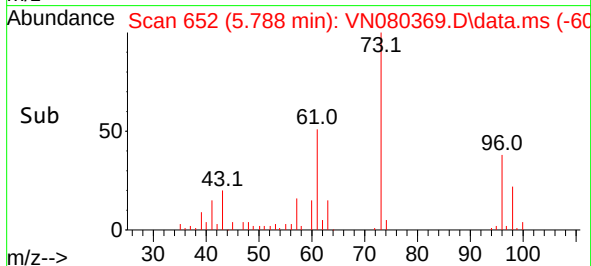
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



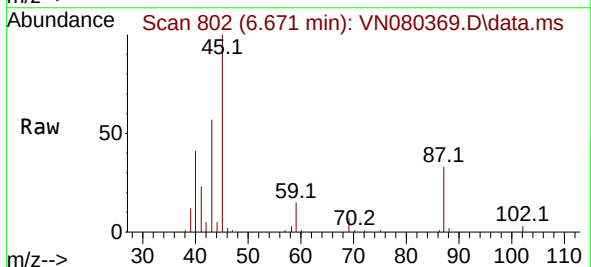
Tgt Ion: 96 Resp: 5074
Ion Ratio Lower Upper
96 100
61 134.2 90.1 135.1
98 59.6 46.4 69.6

Manual Integrations
APPROVED

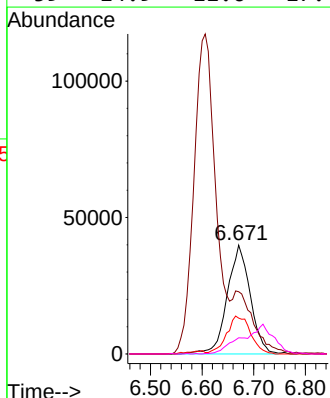
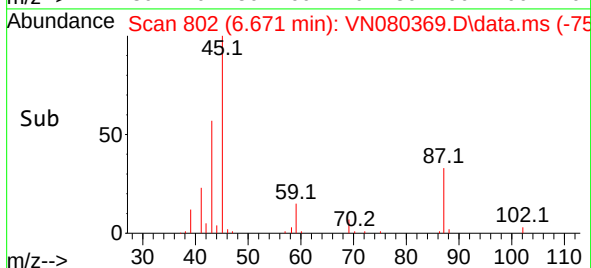
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

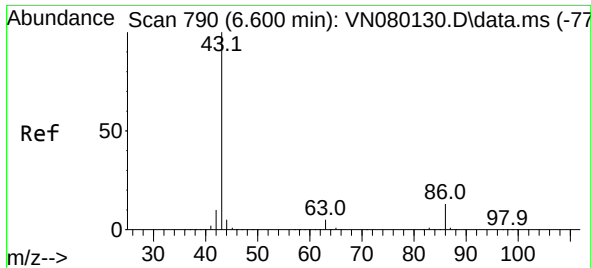


#22
Diisopropyl ether
Concen: 18.722 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion: 45 Resp: 123033
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 32.9 31.8 47.8
59 14.9 11.6 17.4





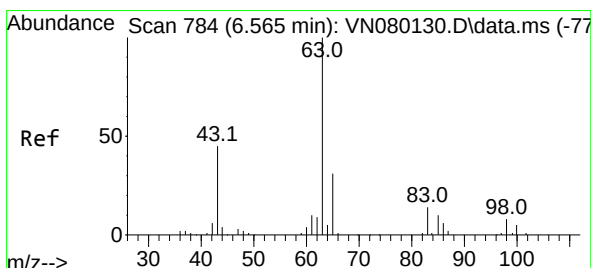
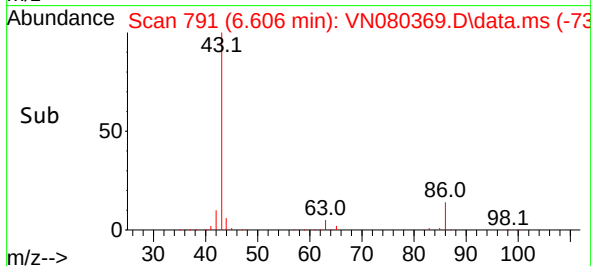
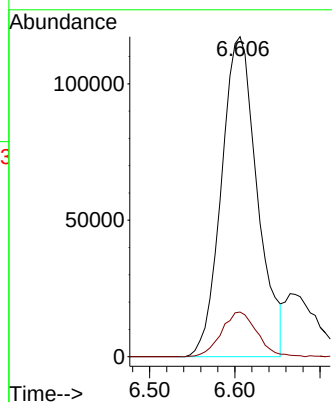
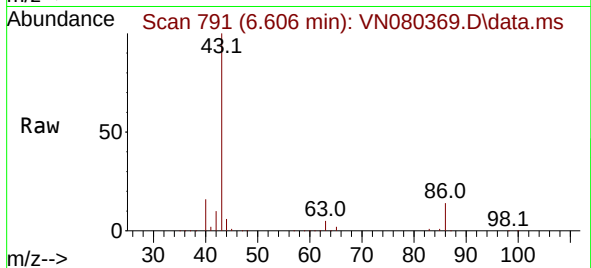
#23
 Vinyl Acetate
 Concen: 86.873 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tgt Ion: 43 Resp: 343214
 Ion Ratio Lower Upper
 43 100
 86 14.0 13.0 19.6

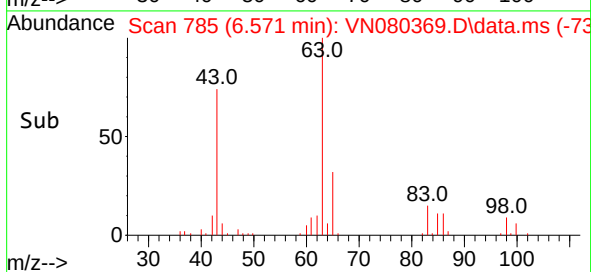
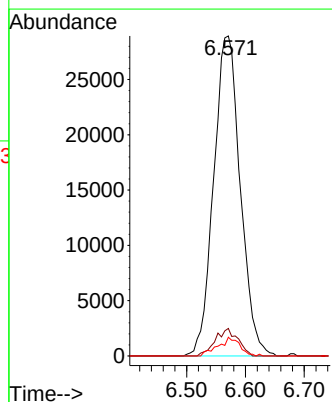
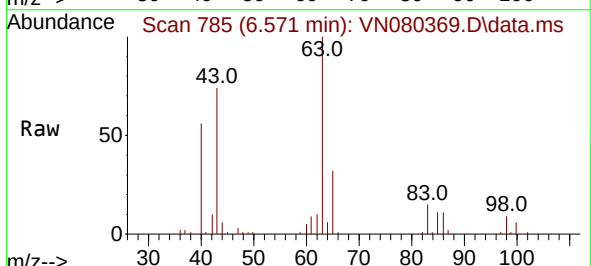
Manual Integrations
 APPROVED

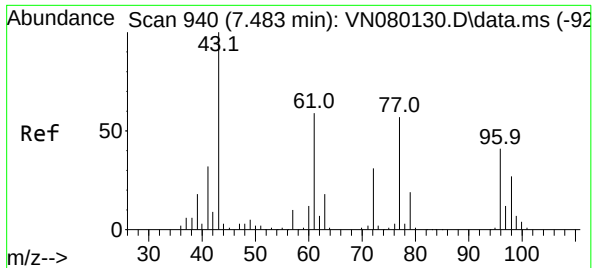
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#24
 1,1-Dichloroethane
 Concen: 19.010 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

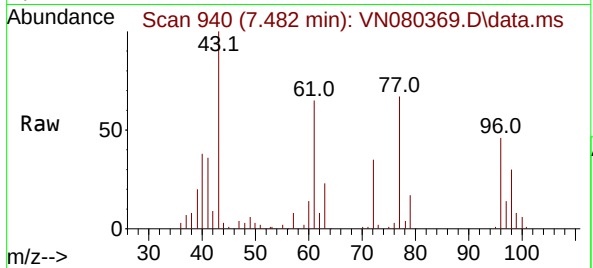
Tgt Ion: 63 Resp: 90988
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 5.9 2.5 7.4





#25
2-Butanone
Concen: 78.949 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

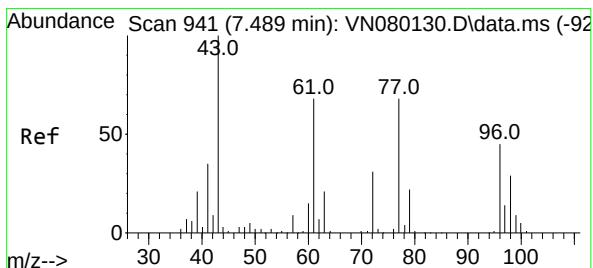
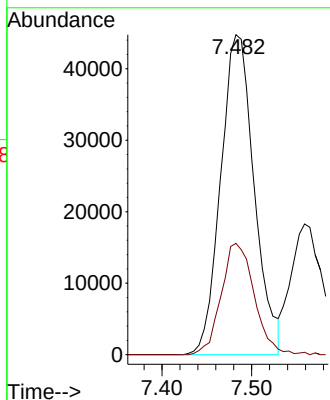
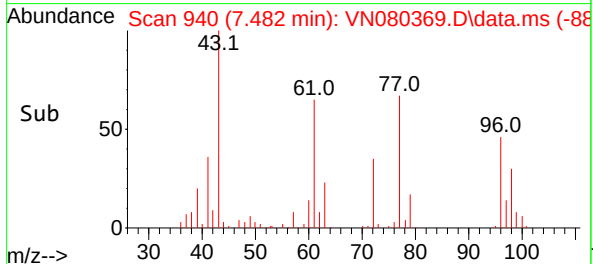
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



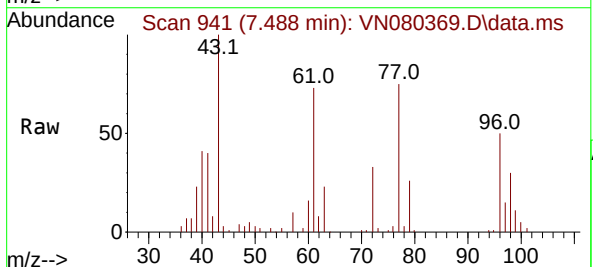
Tgt Ion: 43 Resp: 116198
Ion Ratio Lower Upper
43 100
72 34.8 30.2 45.2

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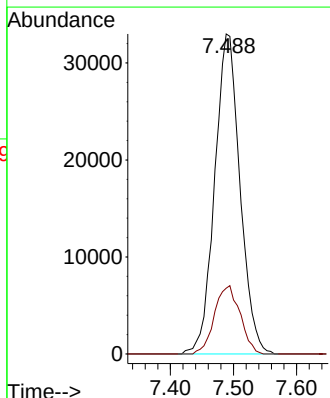
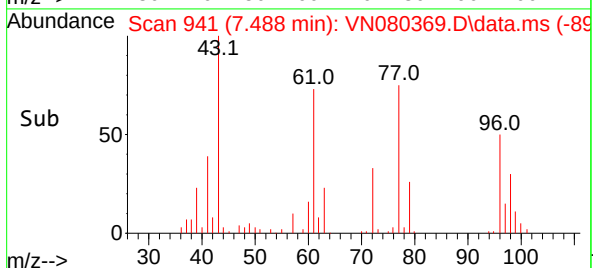
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

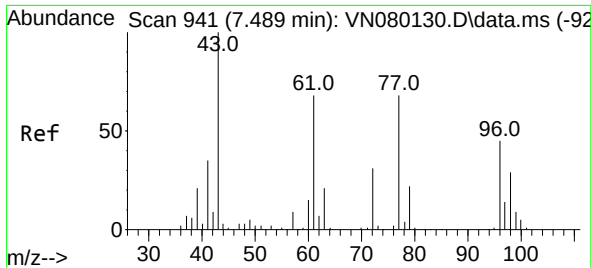


#26
2,2-Dichloropropane
Concen: 19.325 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion: 77 Resp: 91770
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





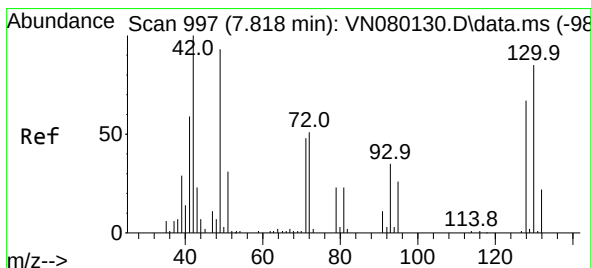
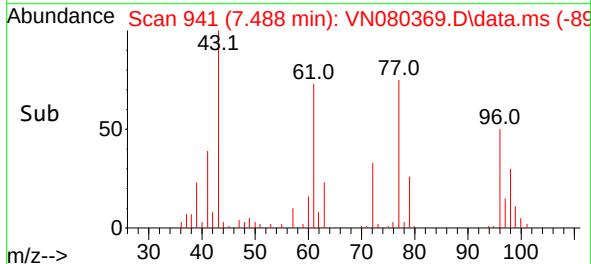
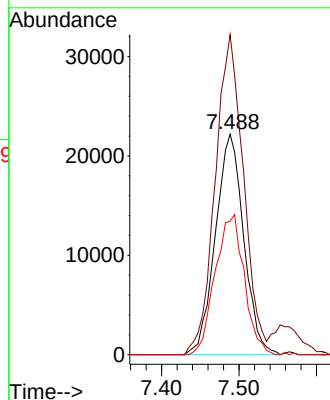
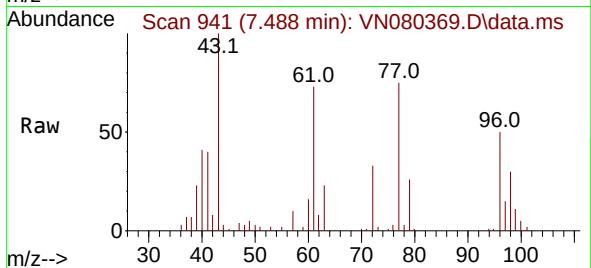
#27
 cis-1,2-Dichloroethene
 Concen: 19.138 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tgt Ion: 96 Resp: 56275
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 255.2
 98 65.3 0.0 128.8

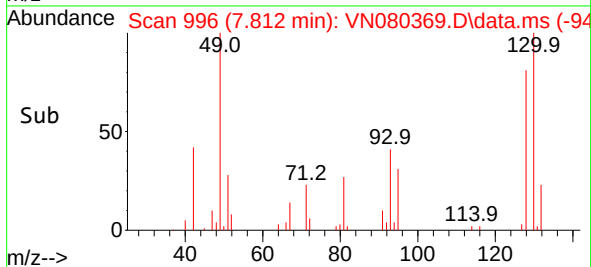
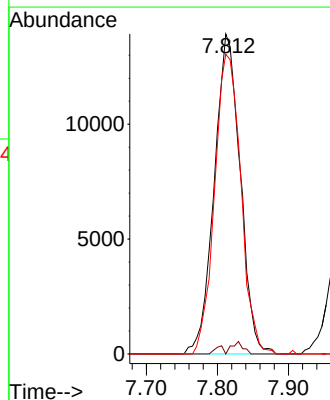
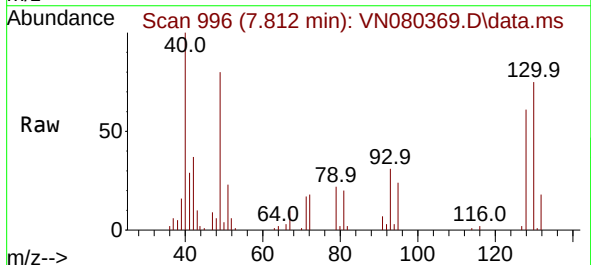
Manual Integrations
 APPROVED

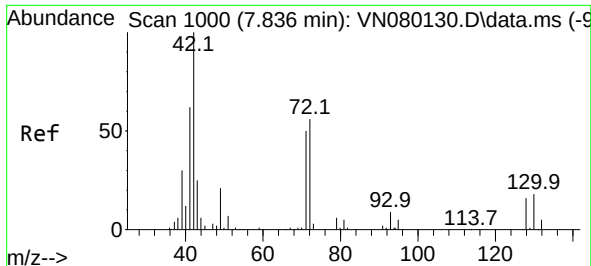
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#28
 Bromochloromethane
 Concen: 18.747 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

Tgt Ion: 49 Resp: 35275
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 94.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 88.969 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

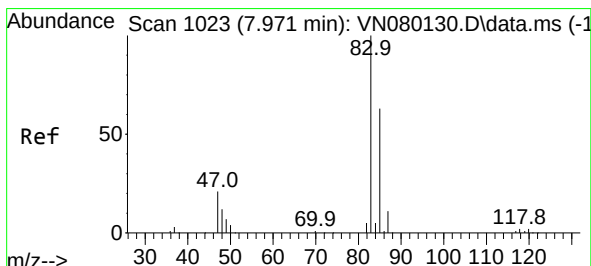
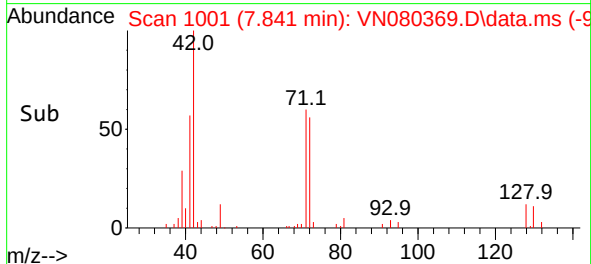
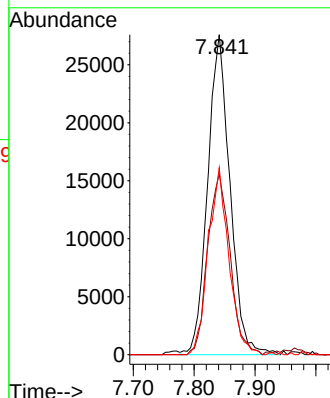
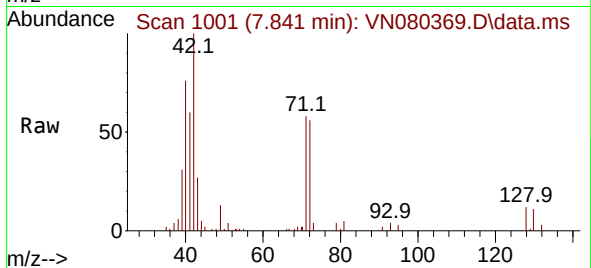
Tgt Ion:	42	Resp:	7030
Ion Ratio	Lower	Upper	
42	100		
72	56.8	49.8	74.6
71	54.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#30

Chloroform

Concen: 20.413 ug/l

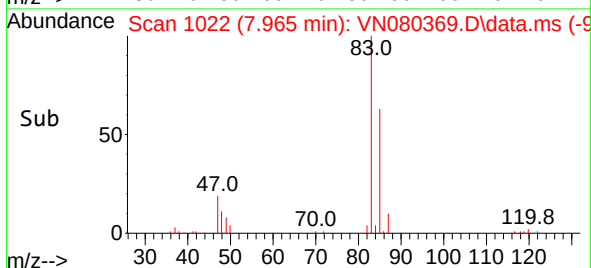
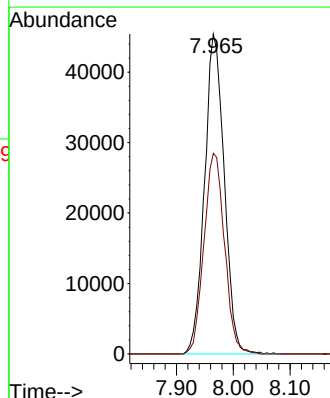
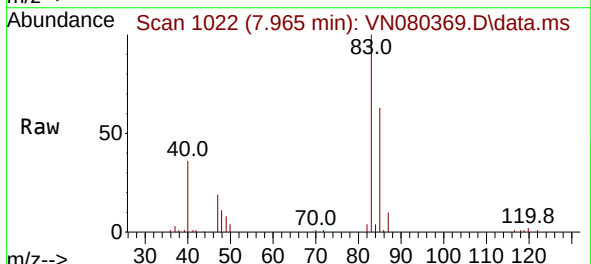
RT: 7.965 min Scan# 1022

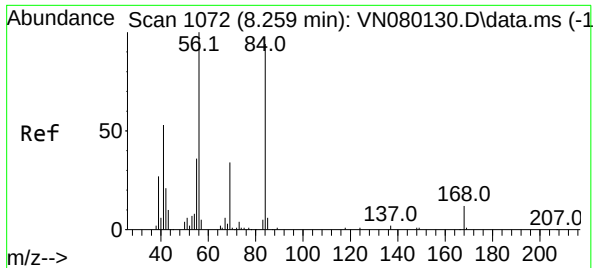
Delta R.T. -0.006 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

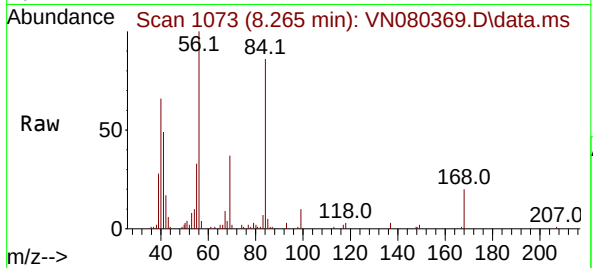
Tgt Ion:	83	Resp:	109202
Ion Ratio	Lower	Upper	
83	100		
85	62.7	55.4	83.0





#31
Cyclohexane
Concen: 18.367 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

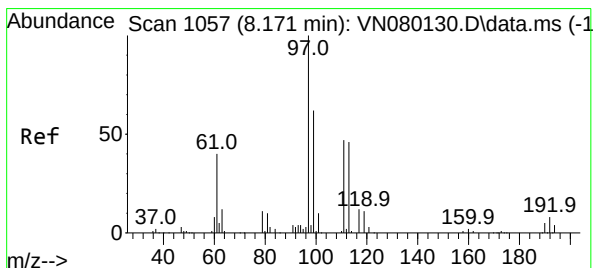
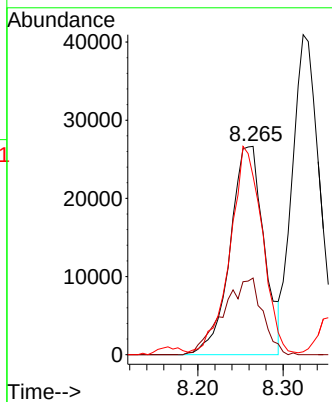
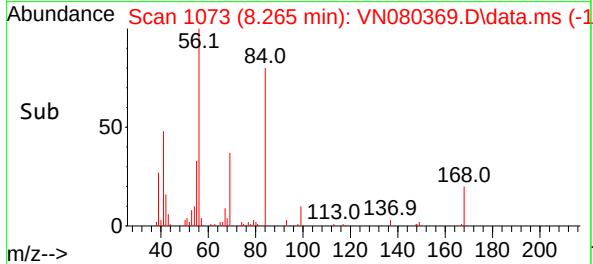
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 56 Resp: 73669
Ion Ratio Lower Upper
56 100
69 36.8 26.8 40.2
84 82.3 81.8 122.6

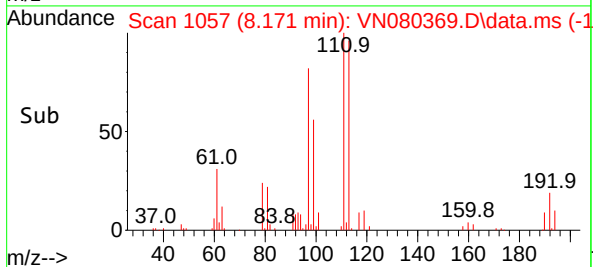
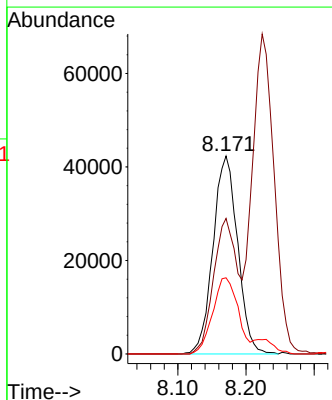
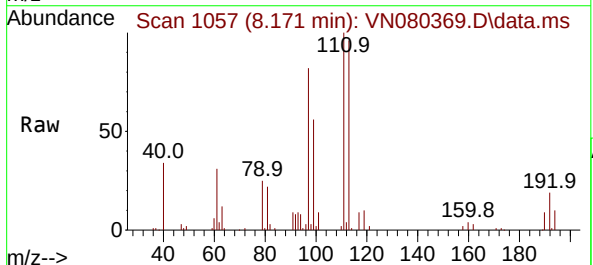
Manual Integrations
APPROVED

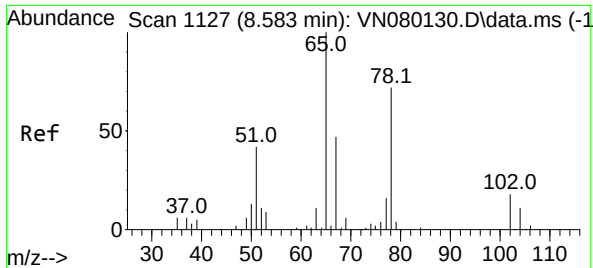
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#32
1,1,1-Trichloroethane
Concen: 20.394 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

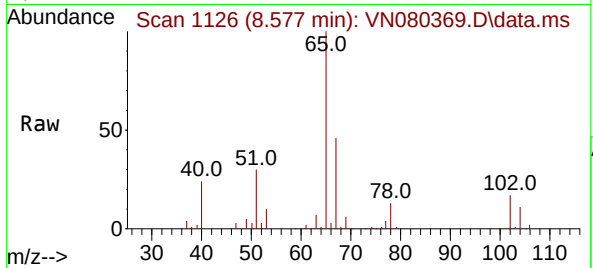
Tgt Ion: 97 Resp: 106398
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 39.6 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 43.992 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

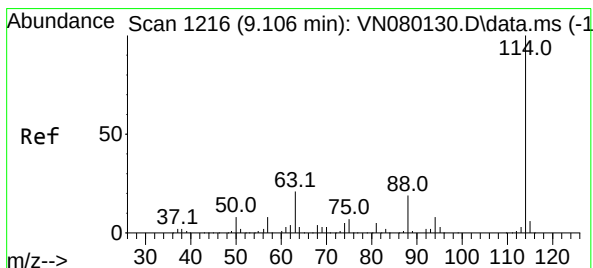
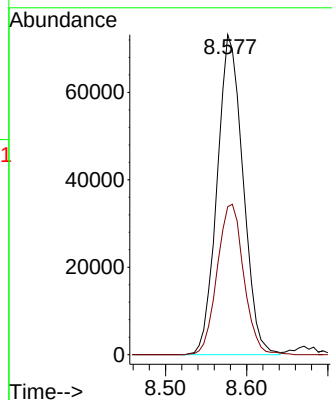
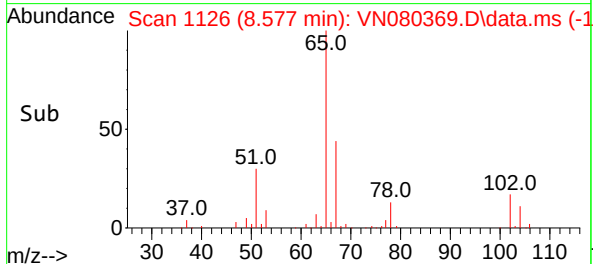
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



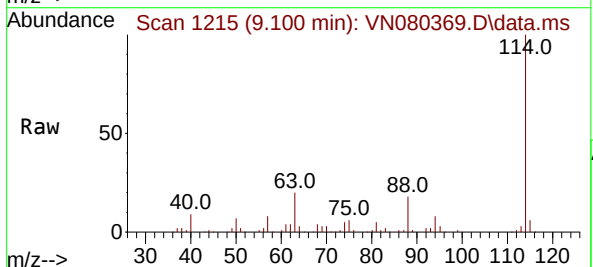
Tgt Ion: 65 Resp: 162250
Ion Ratio Lower Upper
65 100
67 48.3 0.0 106.6

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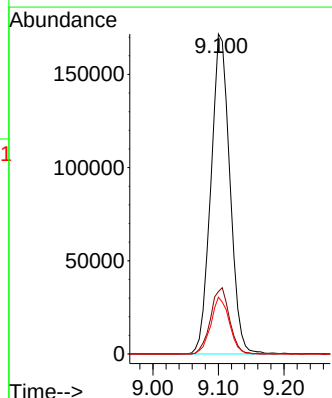
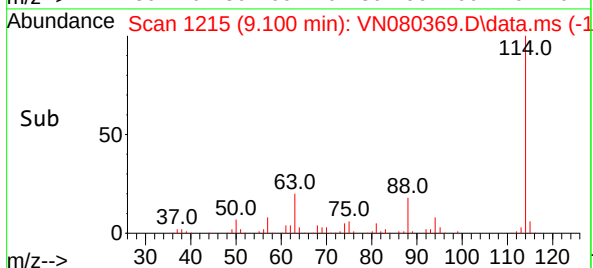
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

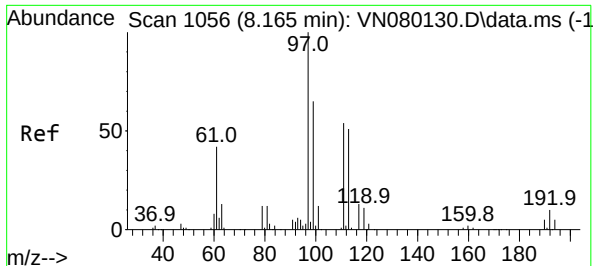


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion:114 Resp: 345268
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.983 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 113 Resp: 11969

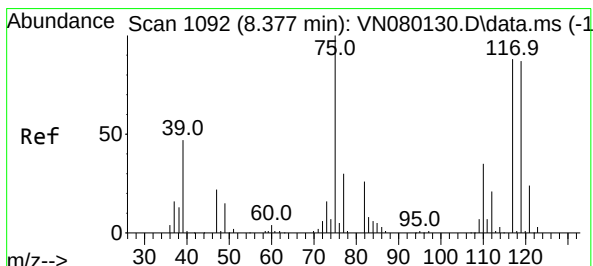
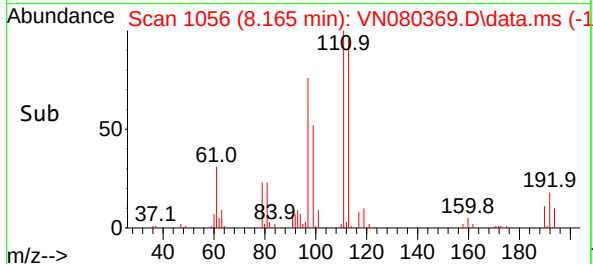
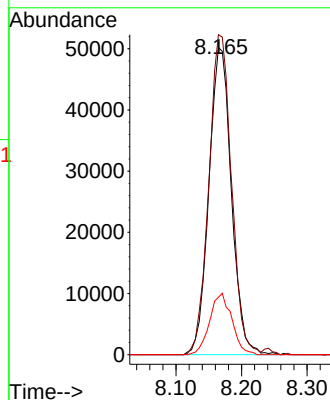
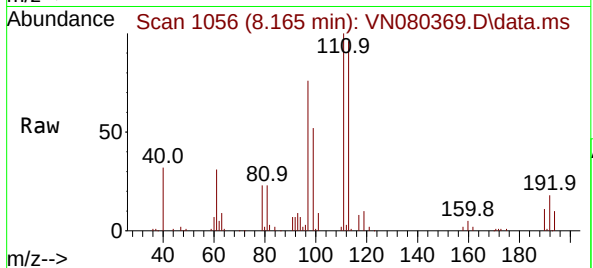
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	123.8
192	19.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#36

1,1-Dichloropropene

Concen: 19.585 ug/l

RT: 8.371 min Scan# 1091

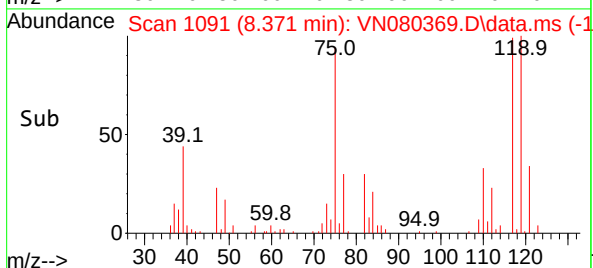
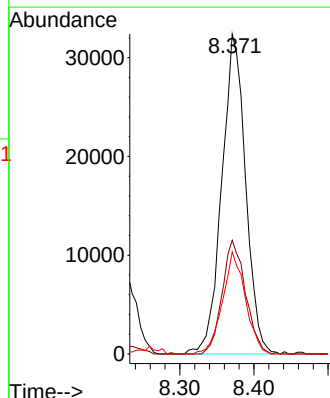
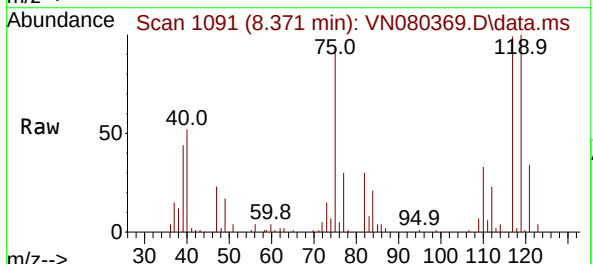
Delta R.T. -0.006 min

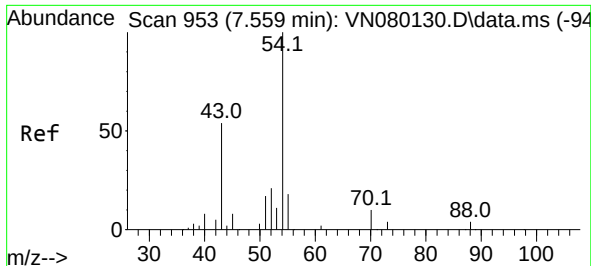
Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Tgt Ion: 75 Resp: 72238

Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	30.7	25.0	37.4





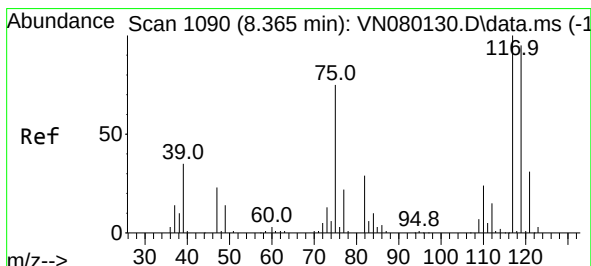
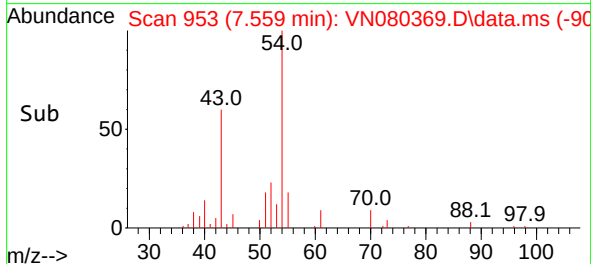
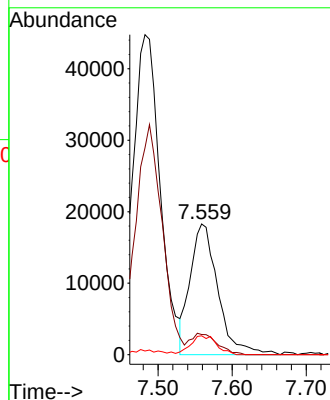
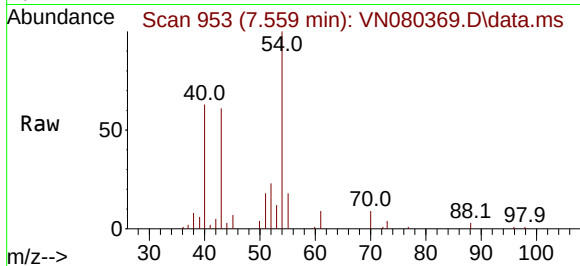
#37
Ethyl Acetate
Concen: 18.574 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 13.4 11.3 16.9

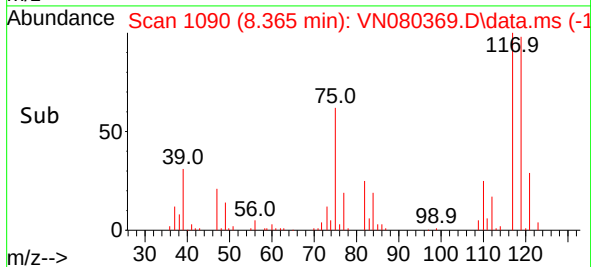
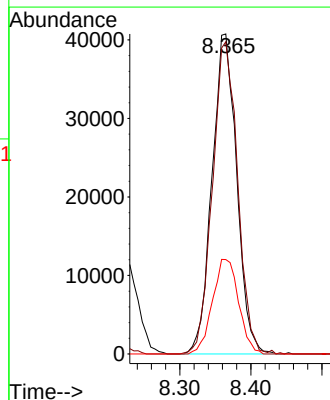
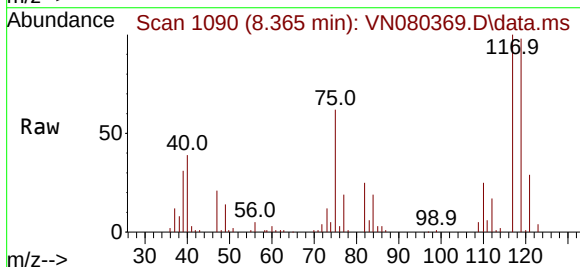
Manual Integrations
APPROVED

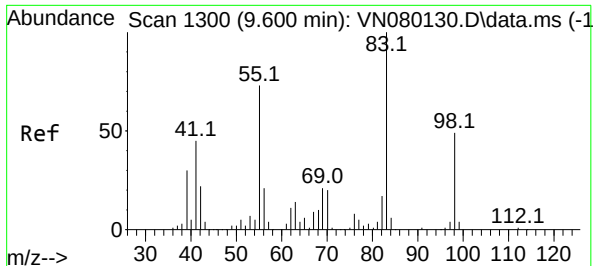
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#38
Carbon Tetrachloride
Concen: 20.982 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:117 Resp: 98208
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.826 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 83 Resp: 66954

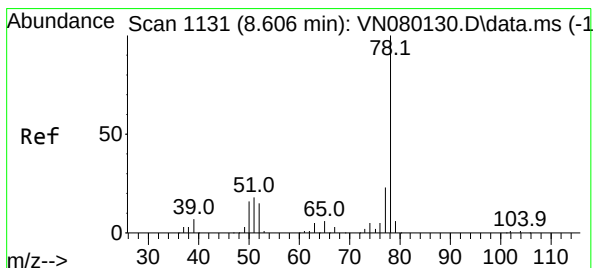
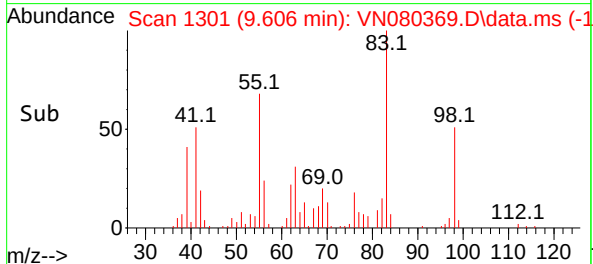
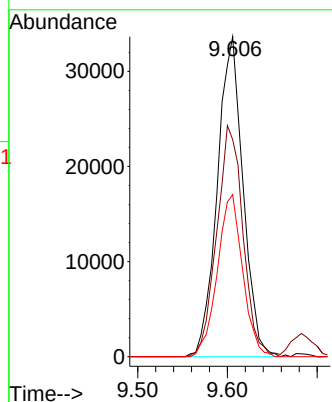
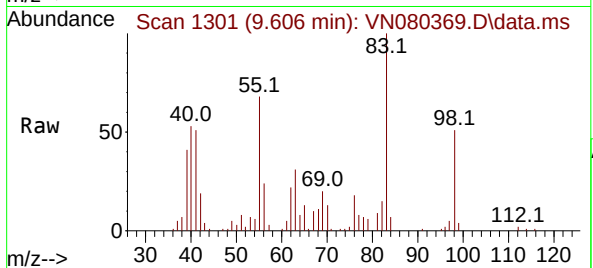
Ion	Ratio	Lower	Upper
83	100		
55	67.9	49.1	73.7
98	50.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#40

Benzene

Concen: 19.507 ug/l

RT: 8.606 min Scan# 1131

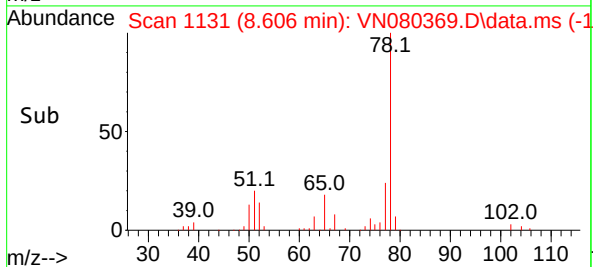
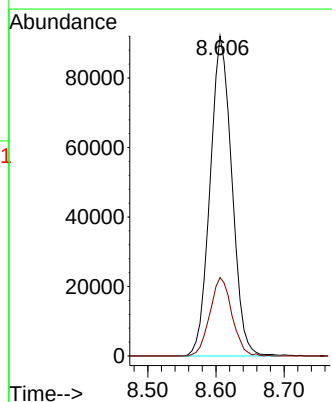
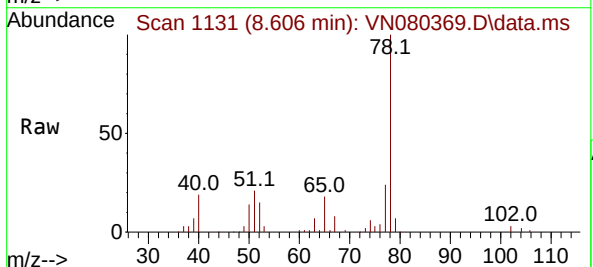
Delta R.T. -0.000 min

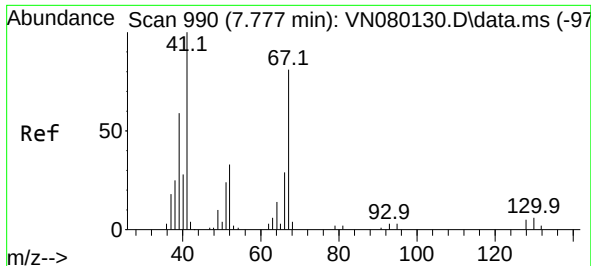
Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Tgt Ion: 78 Resp: 204489

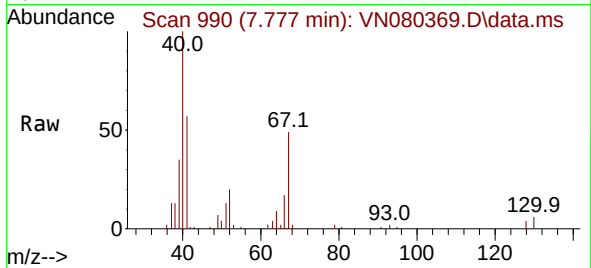
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





#41
Methacrylonitrile
Concen: 19.012 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

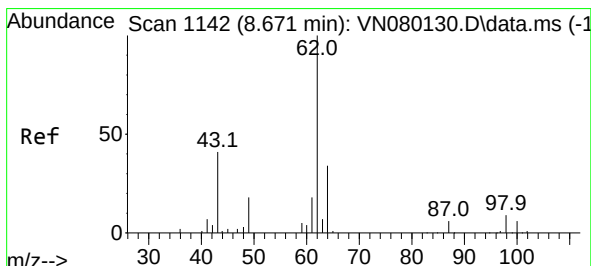
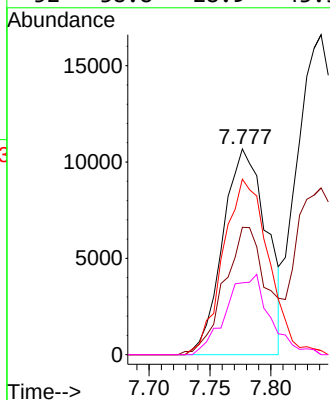
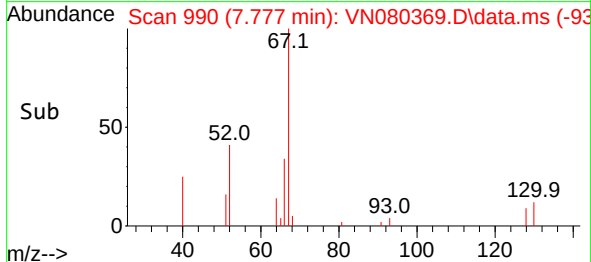
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion:	41	Resp:	2671
Ion Ratio	Lower	Upper	
41	100		
39	63.0	42.6	64.0
67	88.9	77.5	116.3
52	38.8	28.9	43.3

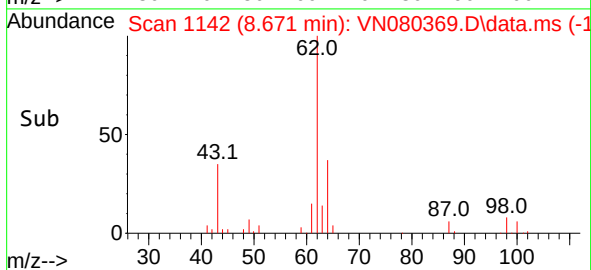
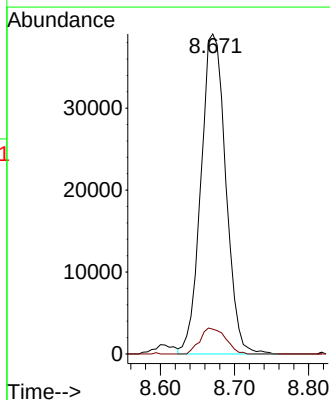
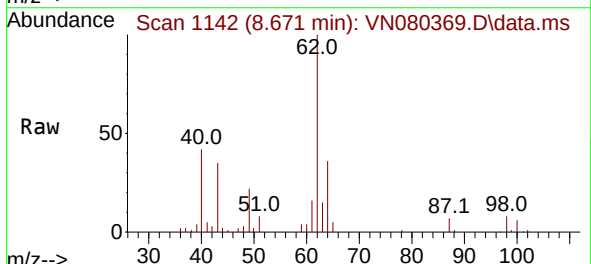
Manual Integrations
APPROVED

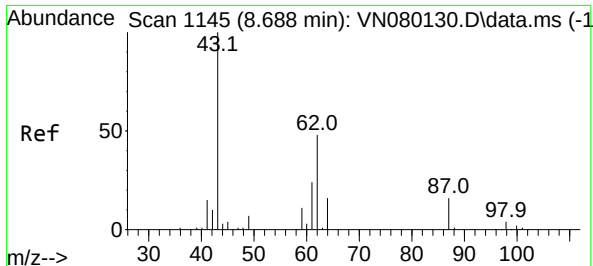
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#42
1,2-Dichloroethane
Concen: 21.198 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:	62	Resp:	90914
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 16.470 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 43 Resp: 81998

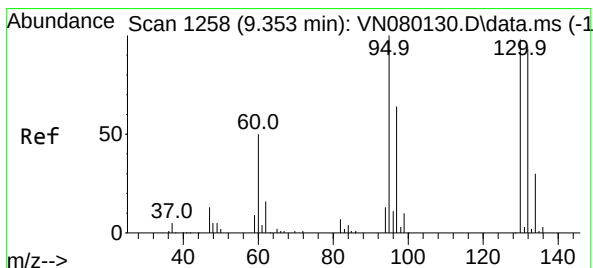
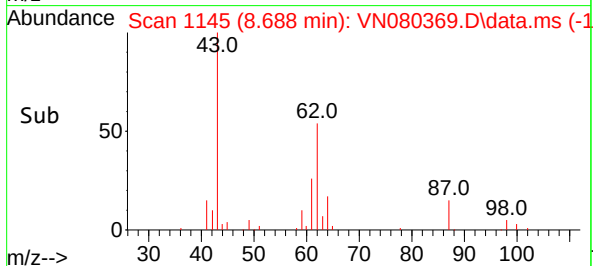
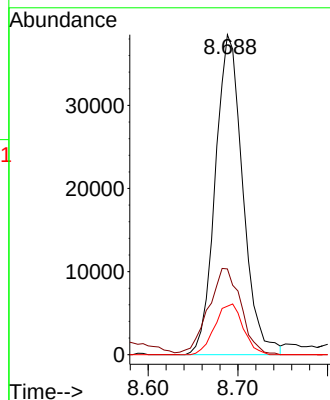
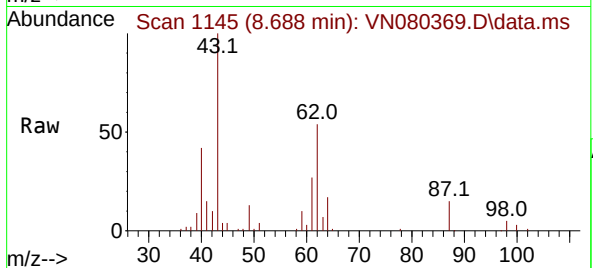
Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.7	37.1
87	16.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#44

Trichloroethene

Concen: 20.572 ug/l

RT: 9.353 min Scan# 1258

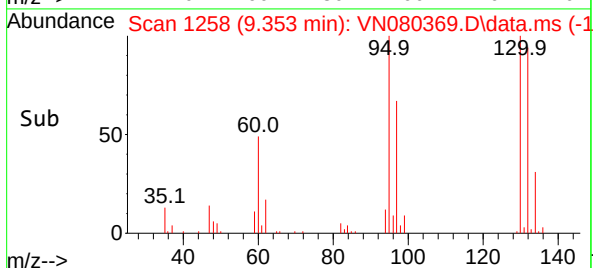
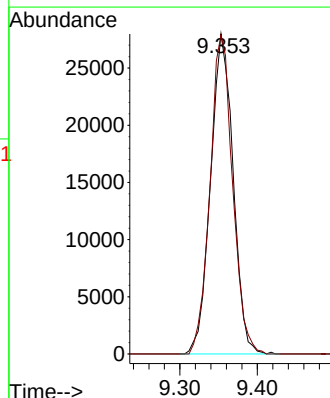
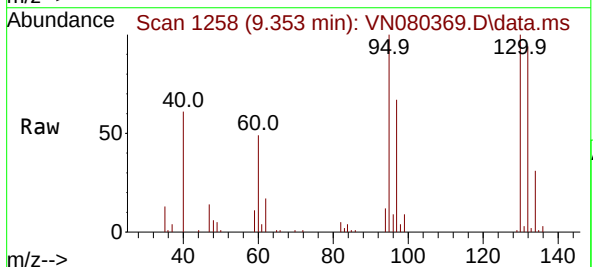
Delta R.T. -0.000 min

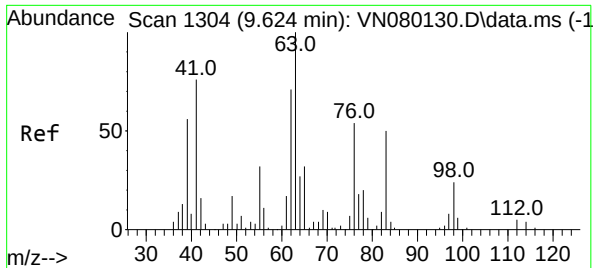
Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Tgt Ion:130 Resp: 56569

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 20.053 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 63 Resp: 4885

Ion Ratio Lower Upper

63 100

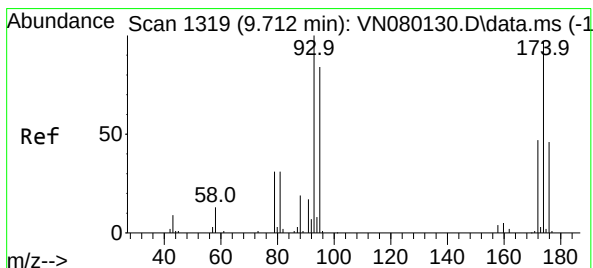
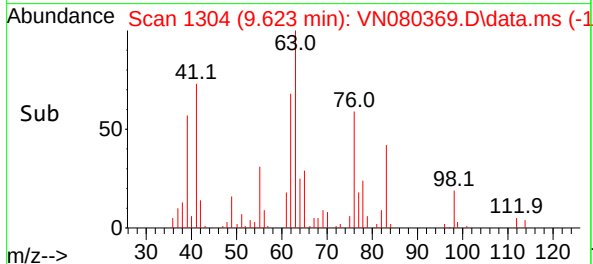
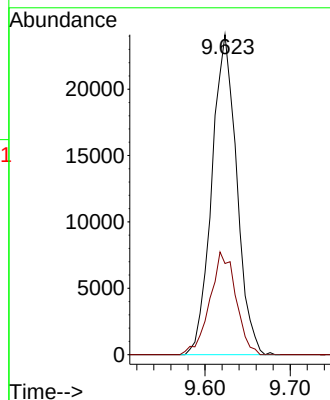
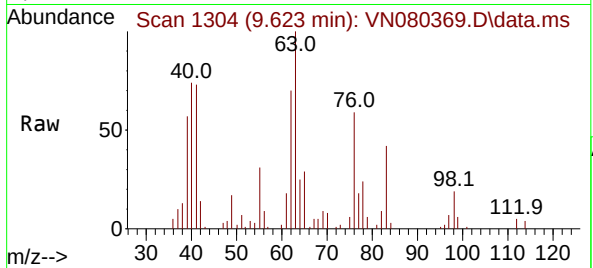
65 28.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#46

Dibromomethane

Concen: 20.672 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

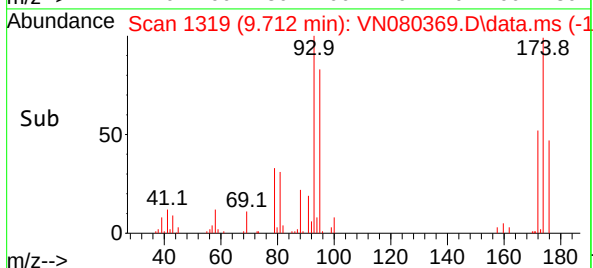
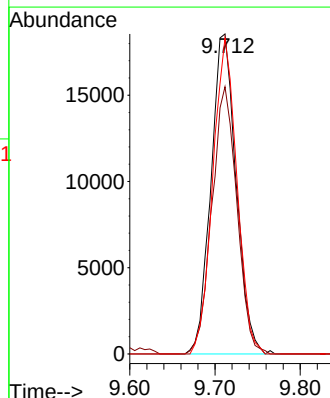
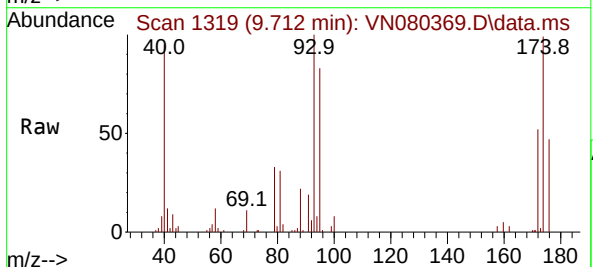
Tgt Ion: 93 Resp: 38122

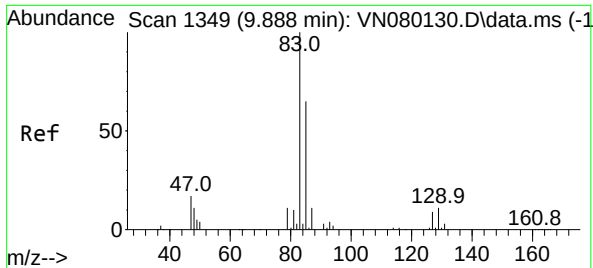
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 94.4 65.6 98.4





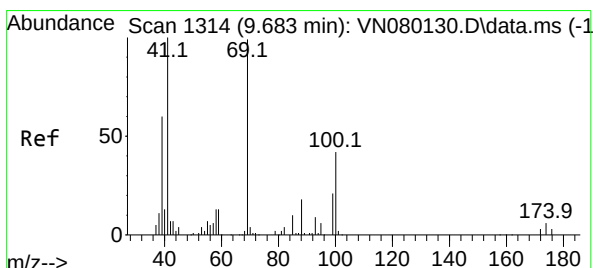
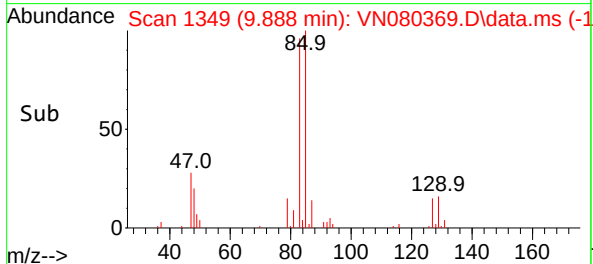
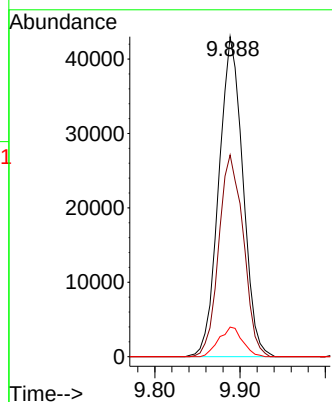
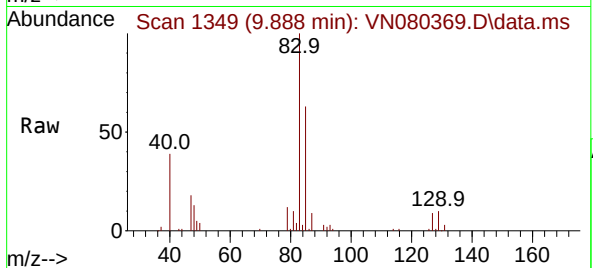
#47
Bromodichloromethane
Concen: 20.803 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 9.3 7.0 10.6

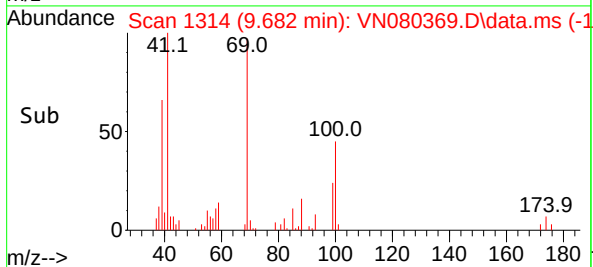
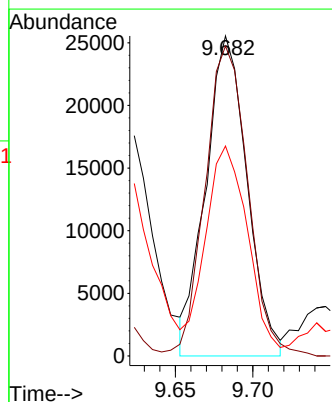
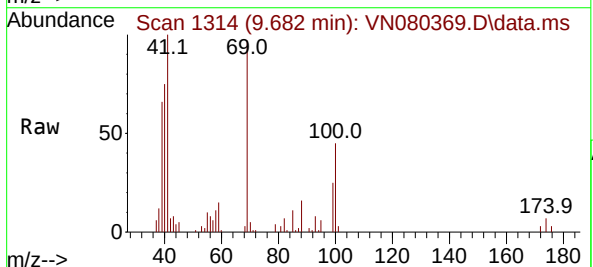
Manual Integrations
APPROVED

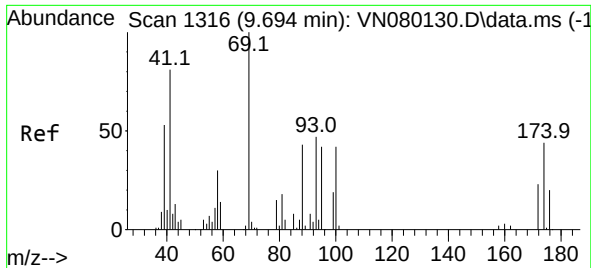
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#48
Methyl methacrylate
Concen: 18.408 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

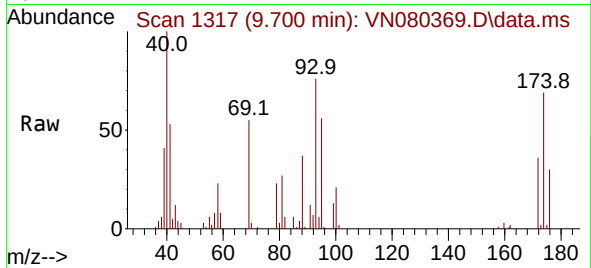
Tgt Ion: 41 Resp: 47230
Ion Ratio Lower Upper
41 100
69 100.5 90.4 135.6
39 67.6 54.6 81.8





#49
1,4-Dioxane
Concen: 350.393 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

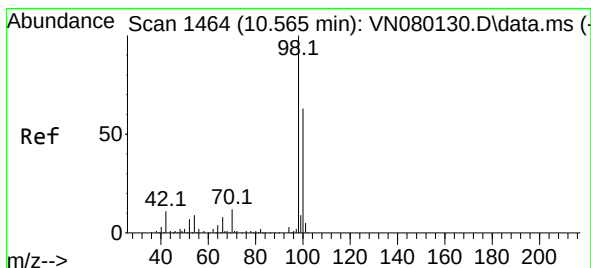
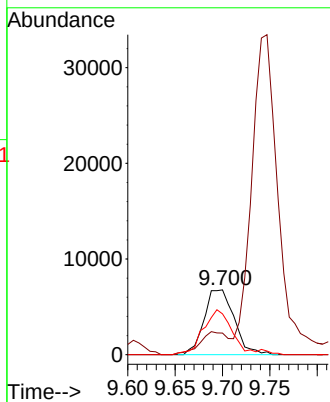
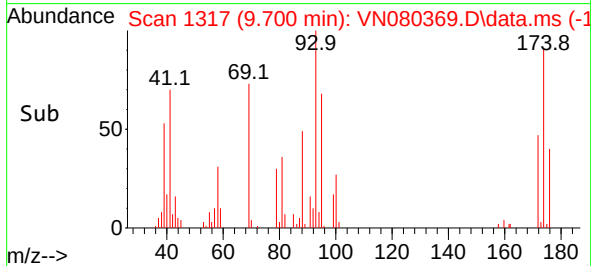
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 88 Resp: 14950
Ion Ratio Lower Upper
88 100
43 35.4 17.0 25.6
58 68.6 47.0 70.4

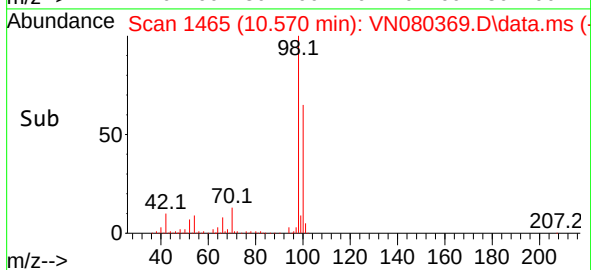
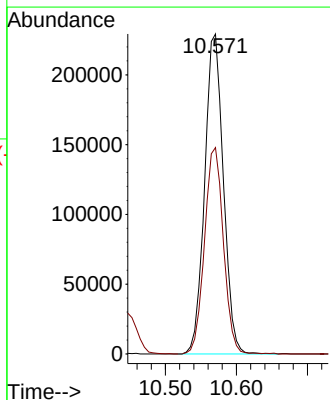
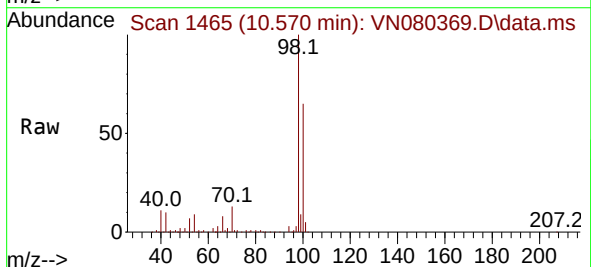
Manual Integrations
APPROVED

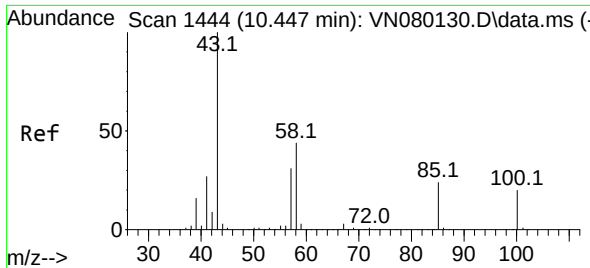
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#50
Toluene-d8
Concen: 45.790 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

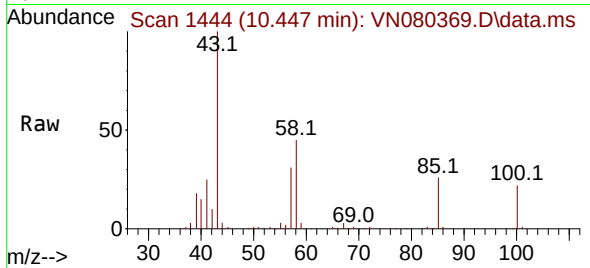
Tgt Ion: 98 Resp: 420524
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.626 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

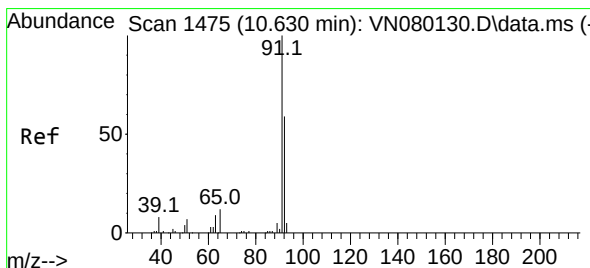
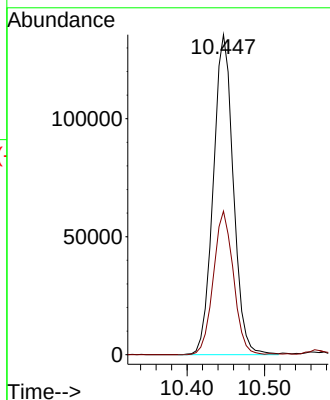
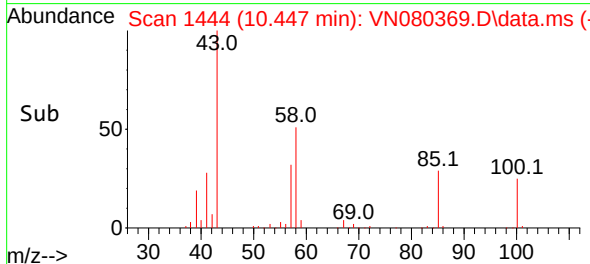
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 43 Resp: 243900
Ion Ratio Lower Upper
43 100
58 44.8 36.6 54.8

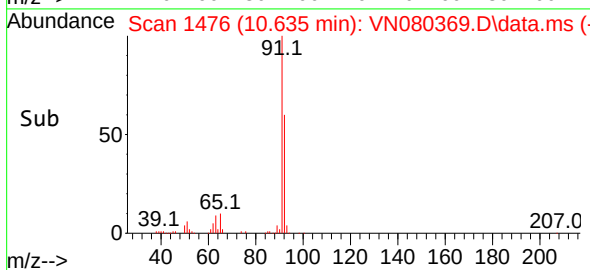
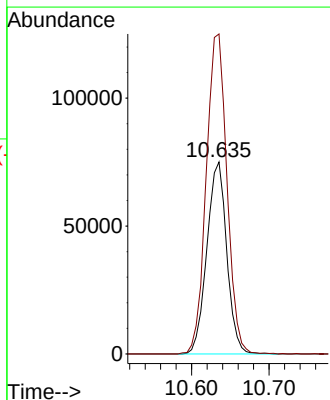
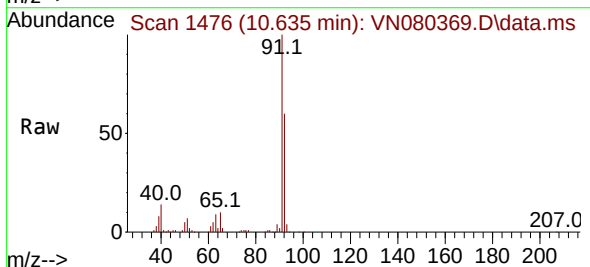
Manual Integrations
APPROVED

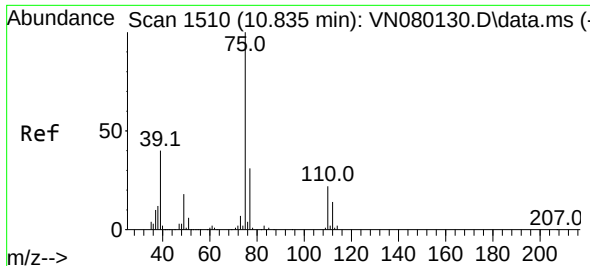
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#52
Toluene
Concen: 20.383 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

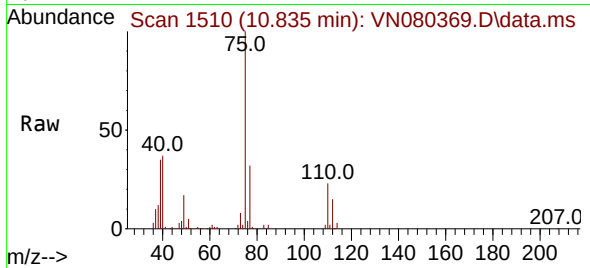
Tgt Ion: 92 Resp: 133722
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.732 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

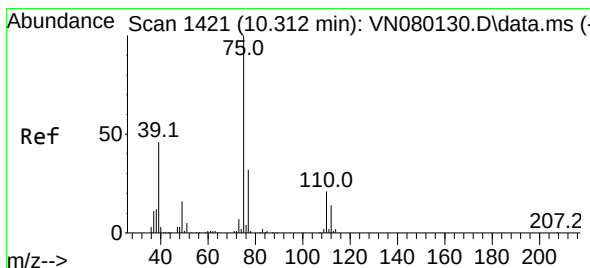
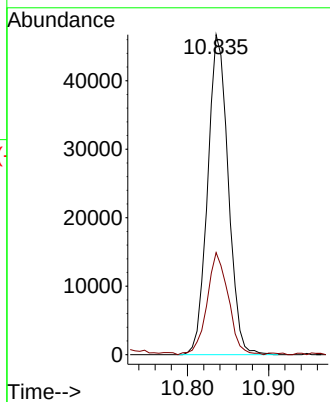
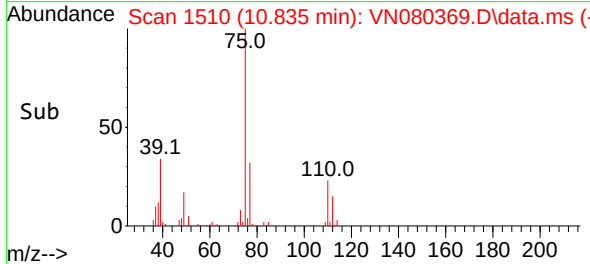
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01



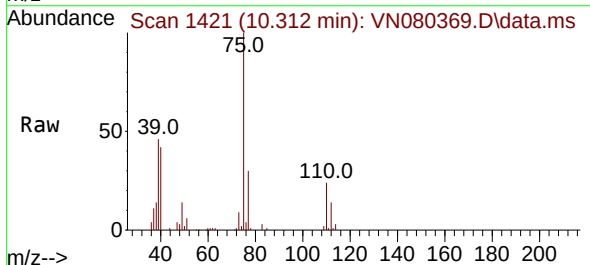
Tgt Ion: 75 Resp: 82240
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

Manual Integrations
 APPROVED

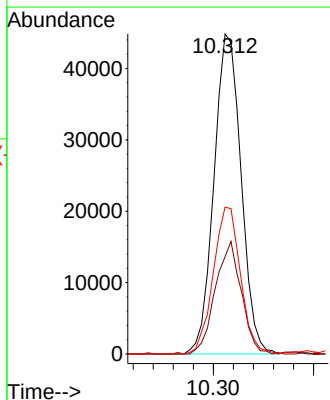
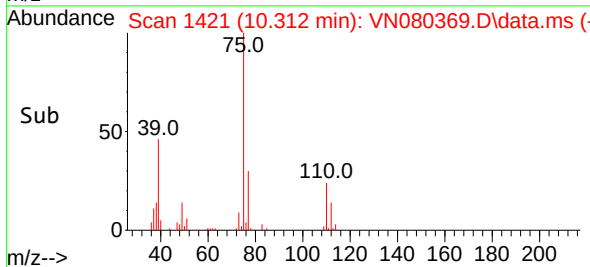
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023

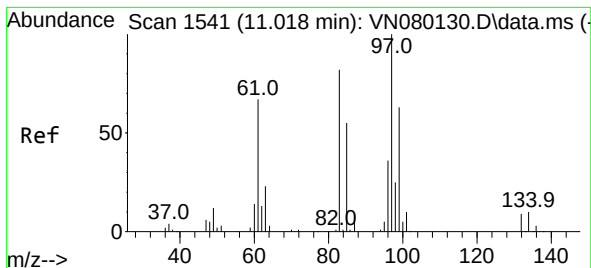


#54
 cis-1,3-Dichloropropene
 Concen: 19.777 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21



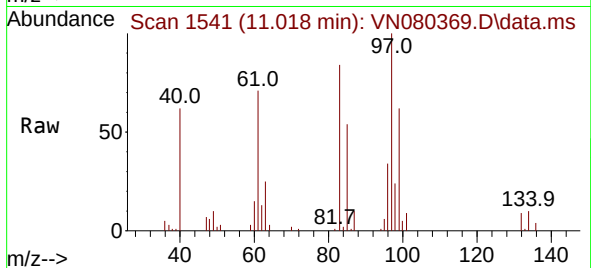
Tgt Ion: 75 Resp: 84212
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 45.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.968 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

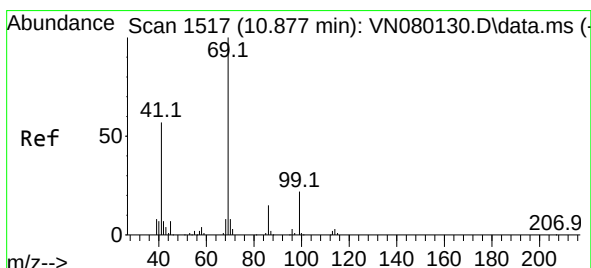
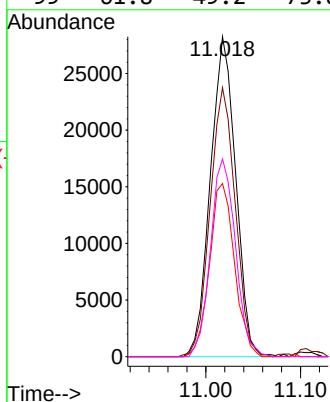
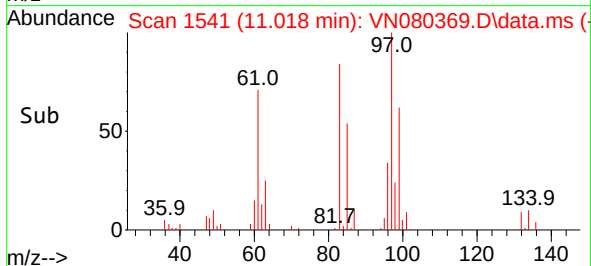
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.1	97.7
85	54.1	43.4	65.2
99	61.8	49.2	73.8

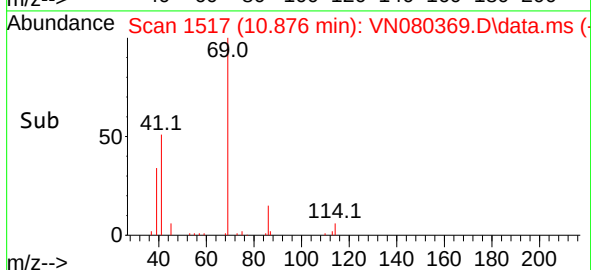
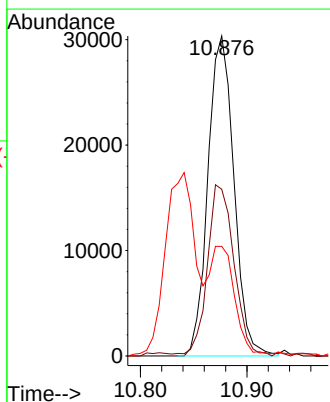
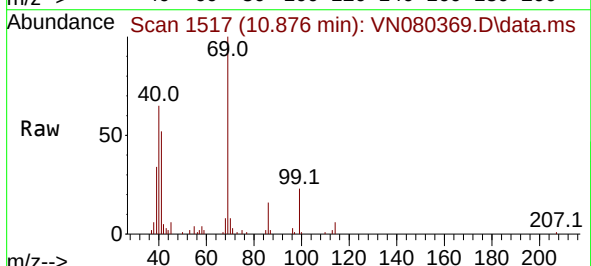
Manual Integrations
APPROVED

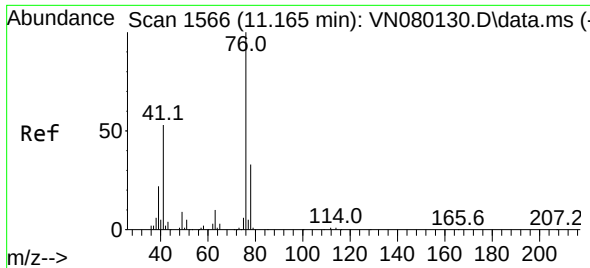
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#56
Ethyl methacrylate
Concen: 20.120 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.8	39.6	59.4
39	32.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.964 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion: 76 Resp: 87270

Ion Ratio Lower Upper

76 100

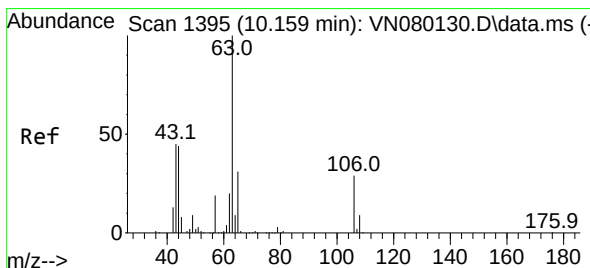
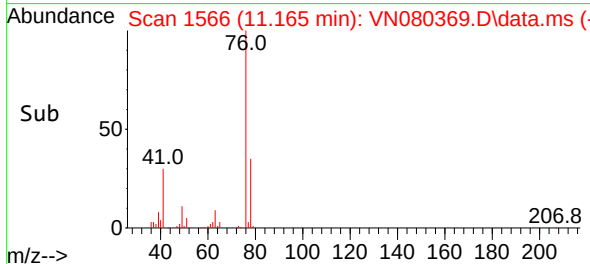
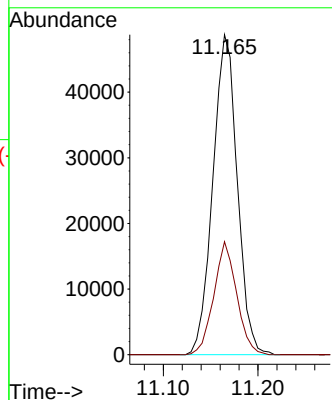
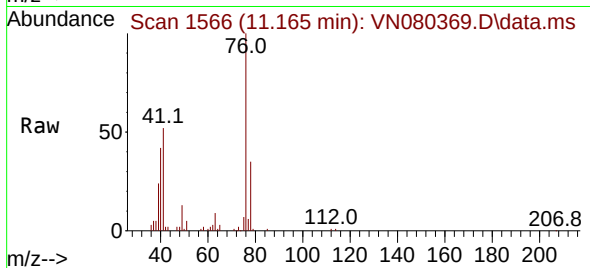
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.623 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080369.D

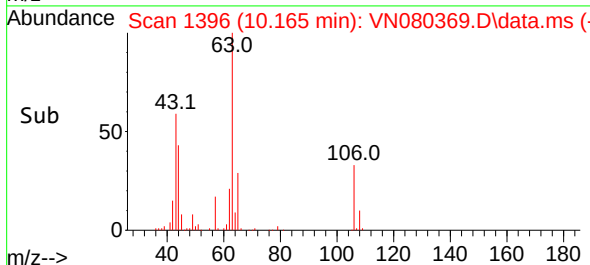
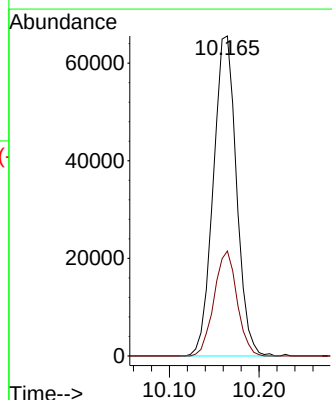
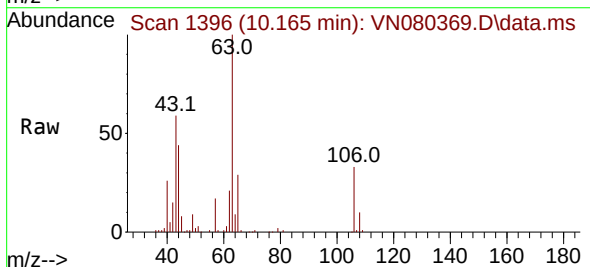
Acq: 05 Dec 2023 16:21

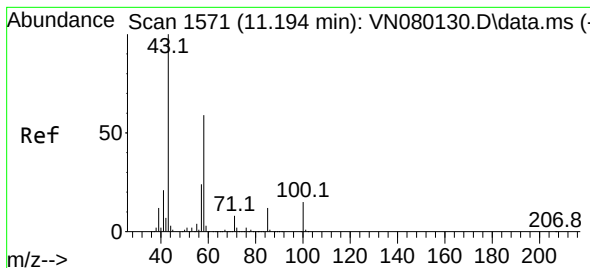
Tgt Ion: 63 Resp: 117627

Ion Ratio Lower Upper

63 100

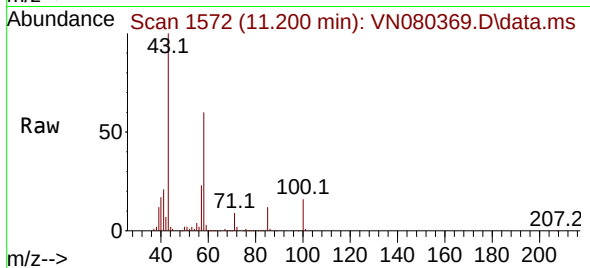
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 85.304 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

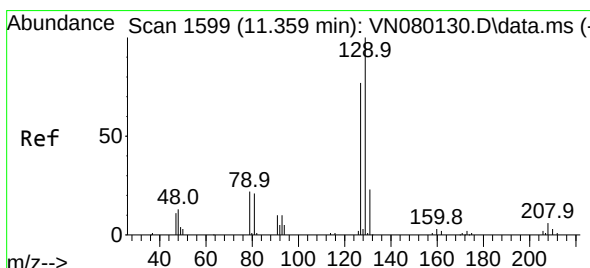
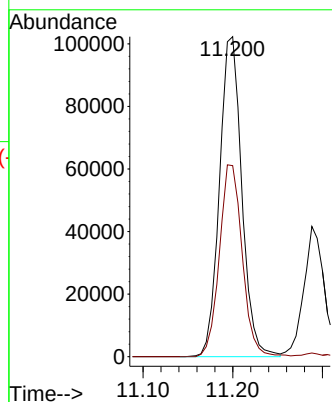
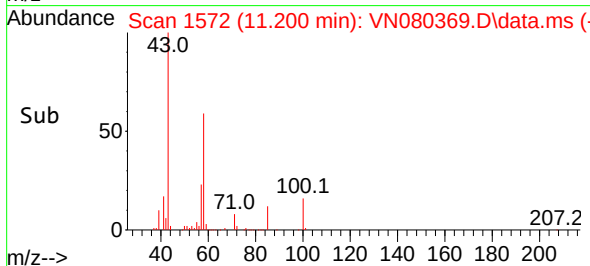
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 43 Resp: 176684
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1

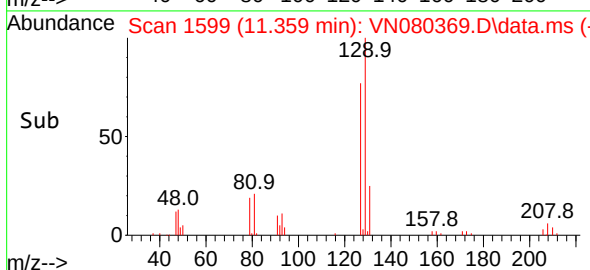
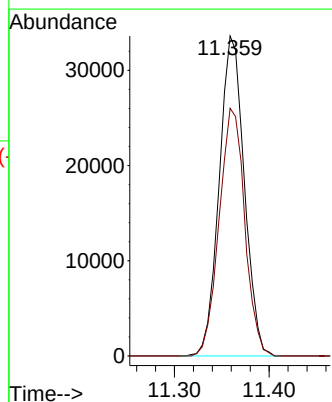
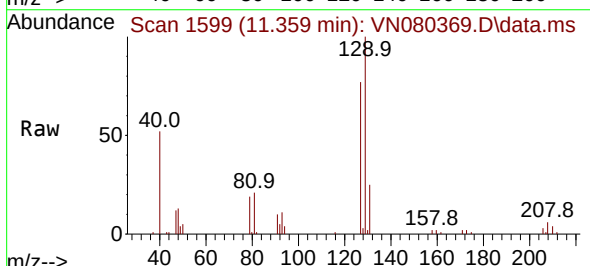
Manual Integrations
APPROVED

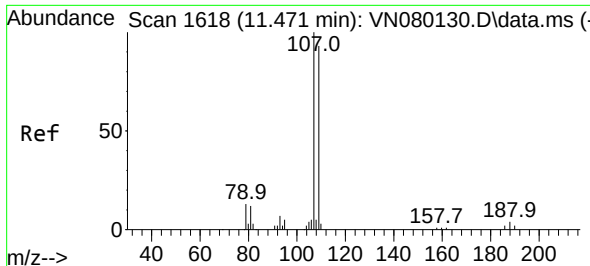
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#60
Dibromochloromethane
Concen: 20.607 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:129 Resp: 61775
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





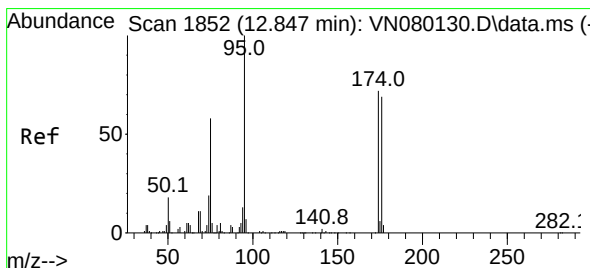
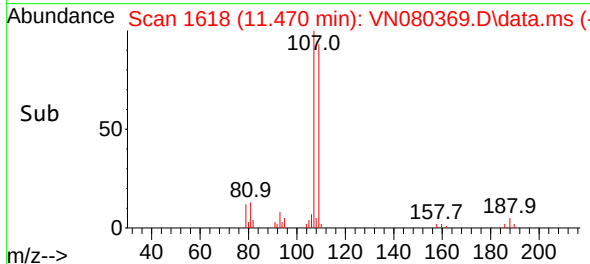
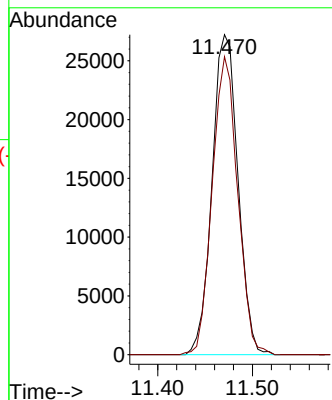
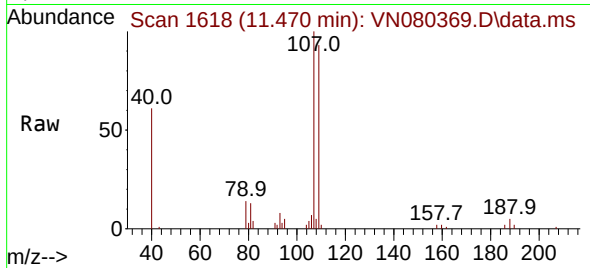
#61
1,2-Dibromoethane
Concen: 20.254 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion:107 Resp: 51738
Ion Ratio Lower Upper
107 100
109 91.5 76.6 114.8

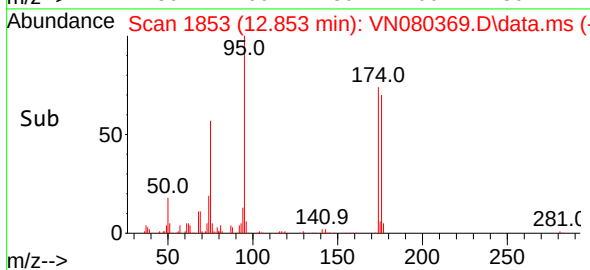
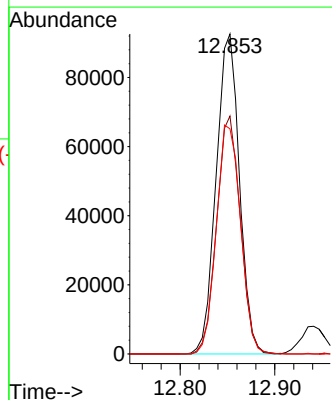
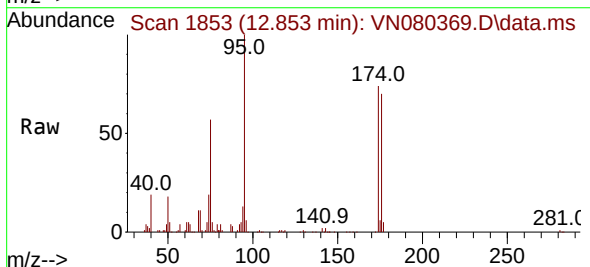
Manual Integrations
APPROVED

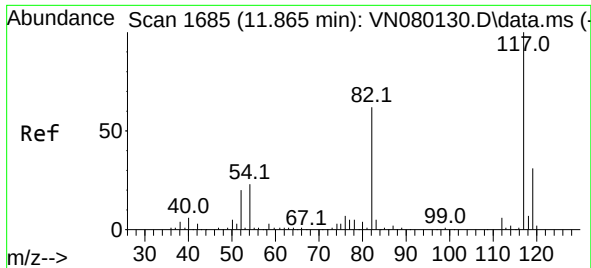
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#62
4-Bromofluorobenzene
Concen: 45.674 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

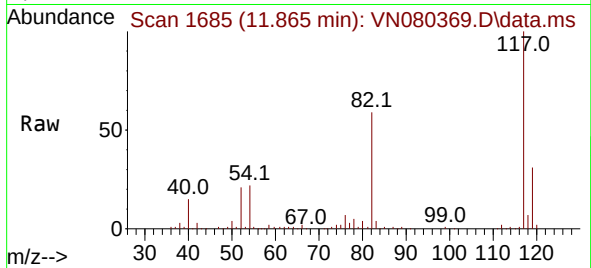
Tgt Ion: 95 Resp: 158434
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 74.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

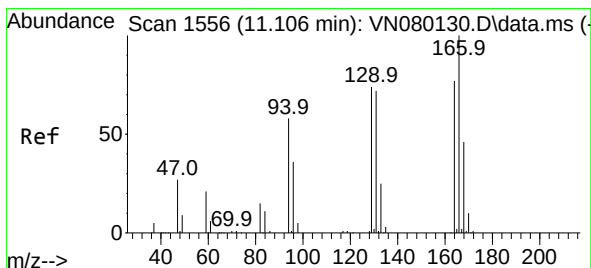
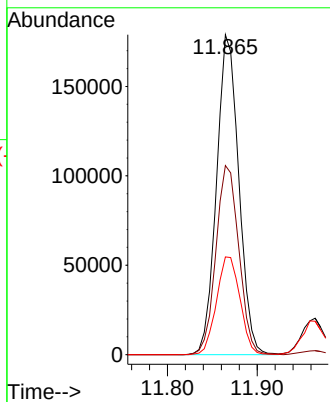
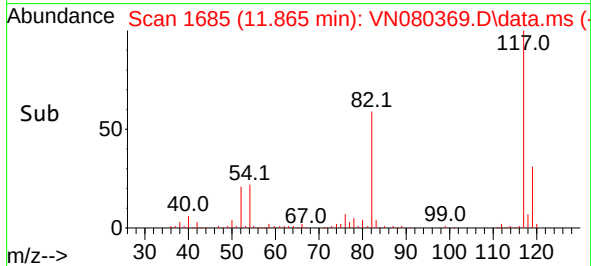
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion:117 Resp: 308715
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 30.5 25.6 38.4

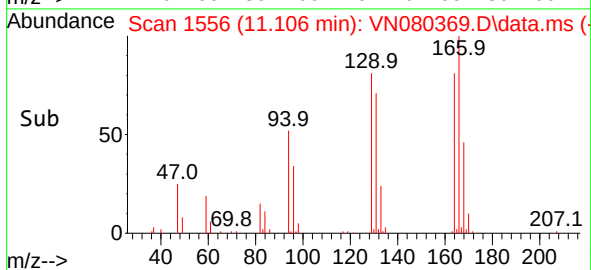
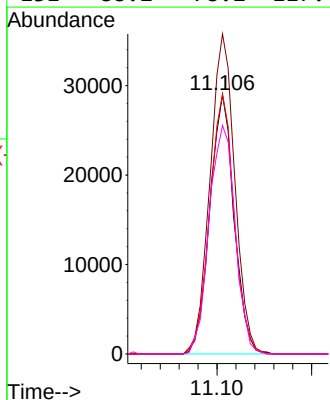
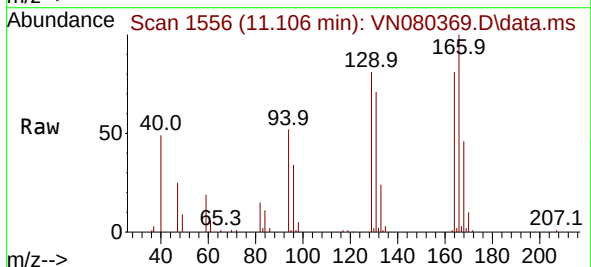
Manual Integrations
APPROVED

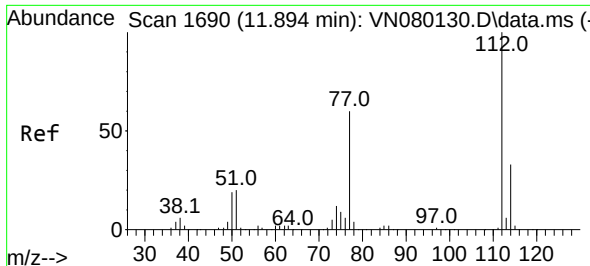
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#64
Tetrachloroethene
Concen: 21.828 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

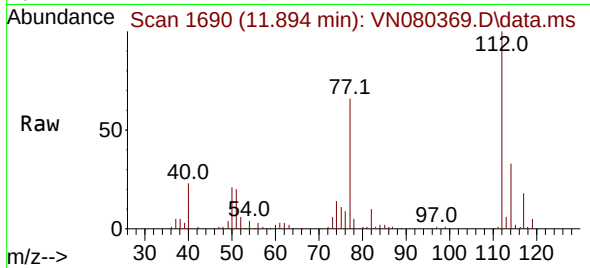
Tgt Ion:164 Resp: 51427
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 100.4 82.4 123.6
131 88.2 78.2 117.4





#65
Chlorobenzene
Concen: 20.039 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

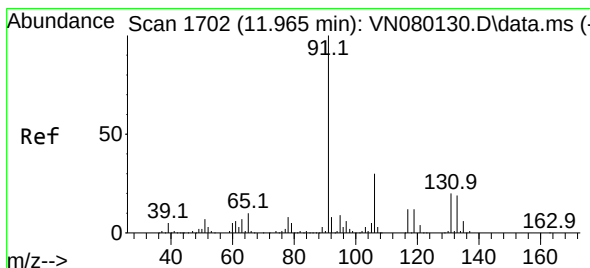
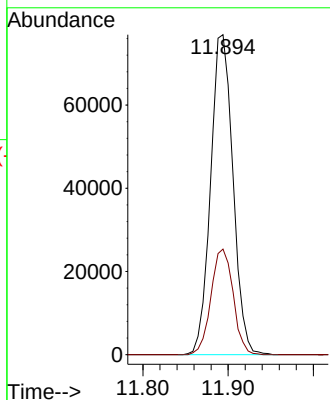
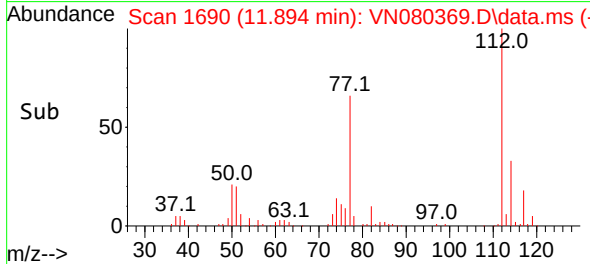
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion:112 Resp: 14018
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

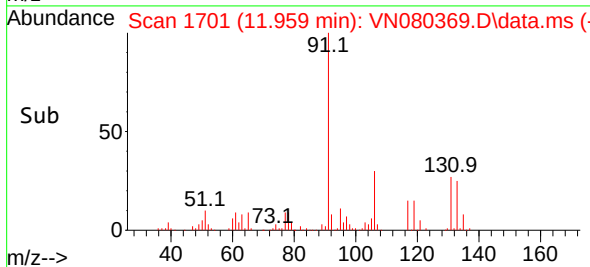
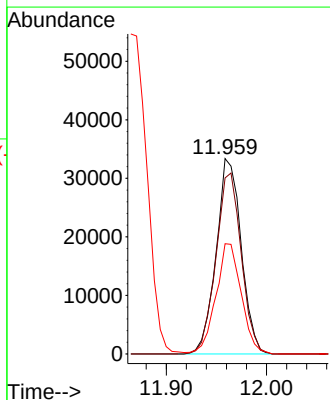
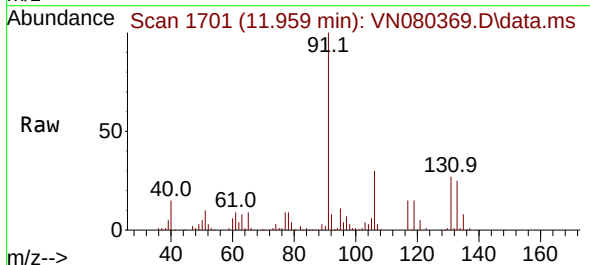
Manual Integrations
APPROVED

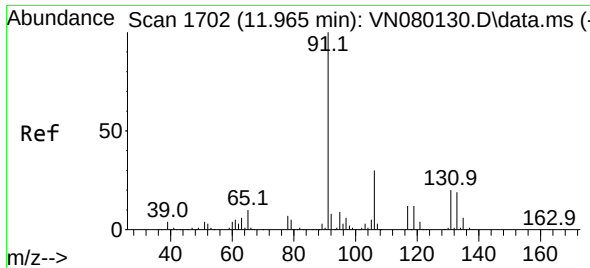
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.327 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

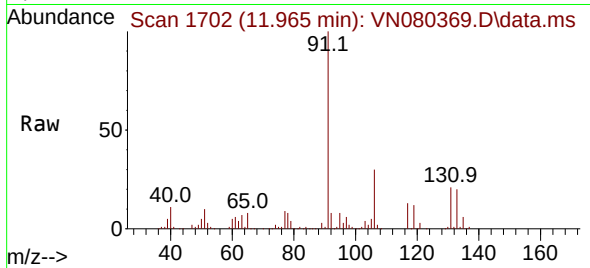
Tgt Ion:131 Resp: 57895
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 57.3 34.1 102.2





#67
Ethyl Benzene
Concen: 20.316 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

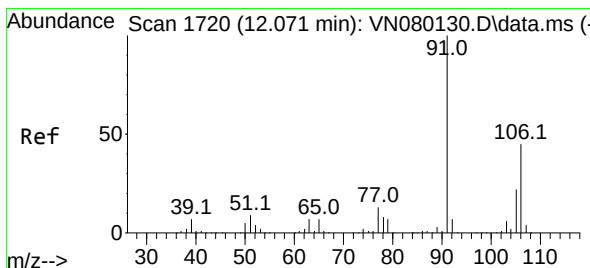
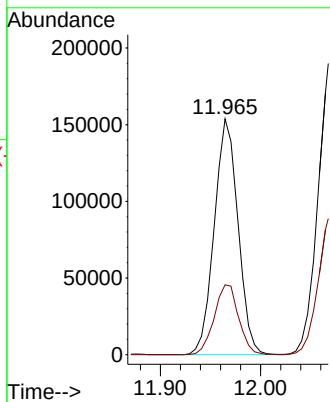
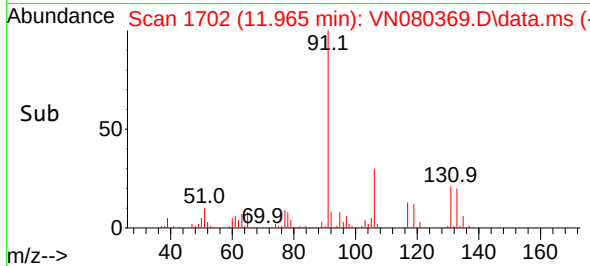
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



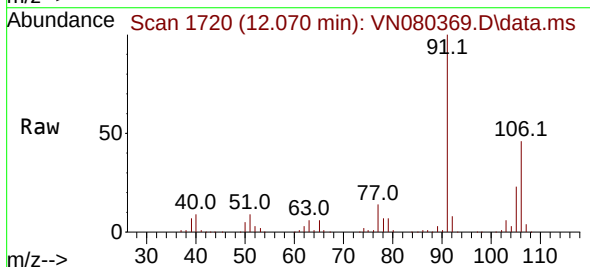
Tgt Ion: 91 Resp: 25288
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

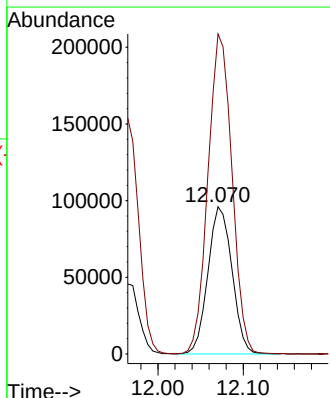
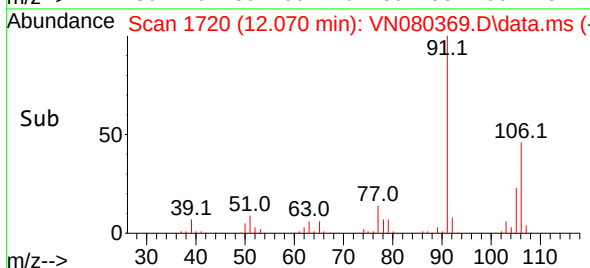
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

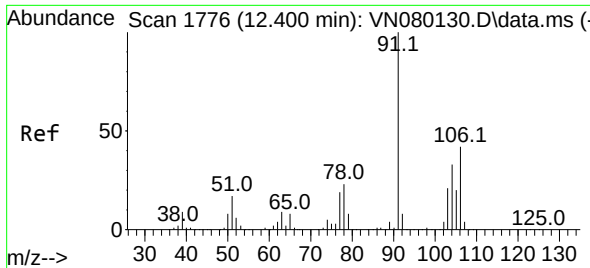


#68
m/p-Xylenes
Concen: 41.513 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion:106 Resp: 188409
Ion Ratio Lower Upper
106 100
91 217.1 159.6 239.4





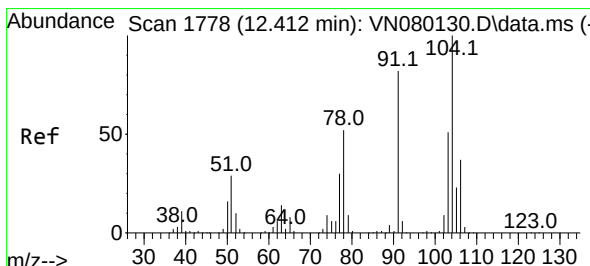
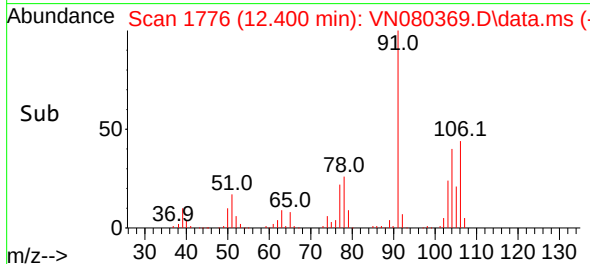
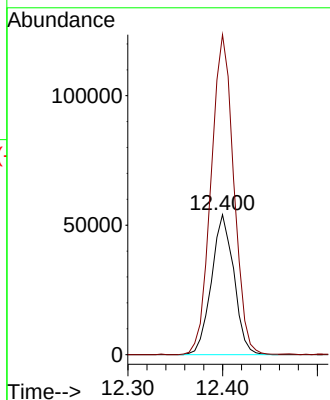
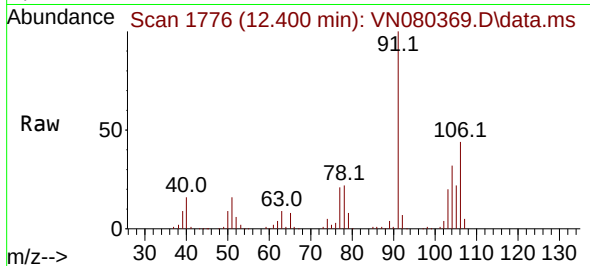
#69
o-Xylene
Concen: 20.795 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion:106 Resp: 8894
Ion Ratio Lower Upper
106 100
91 231.5 105.2 315.5

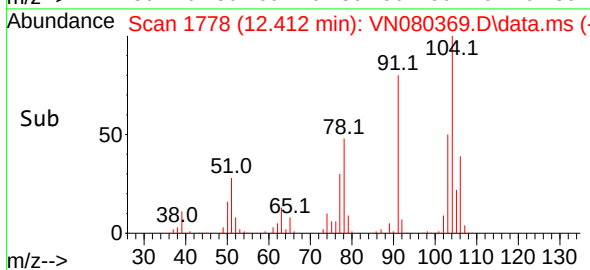
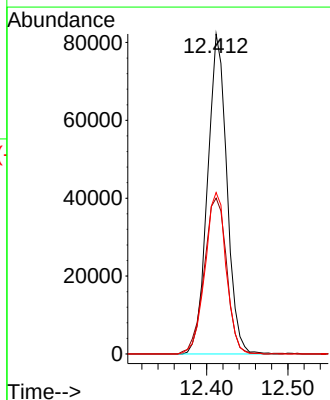
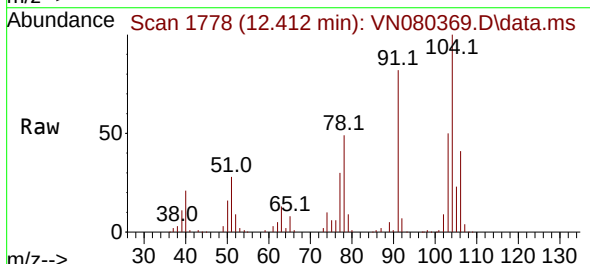
Manual Integrations
APPROVED

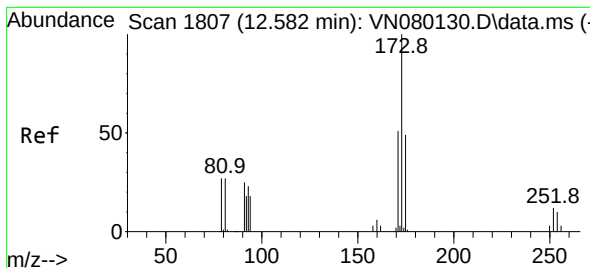
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#70
Styrene
Concen: 21.375 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:104 Resp: 136074
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 21.055 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

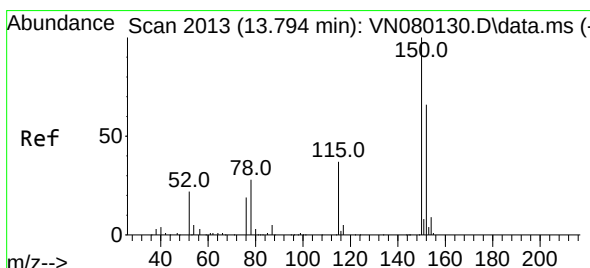
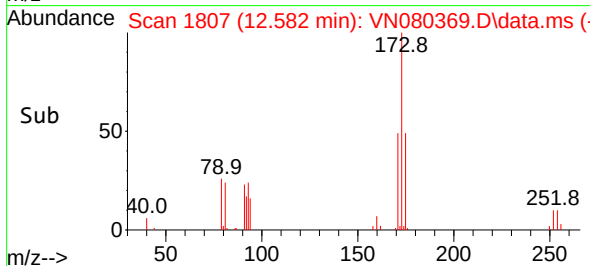
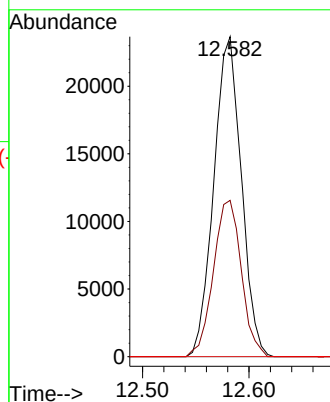
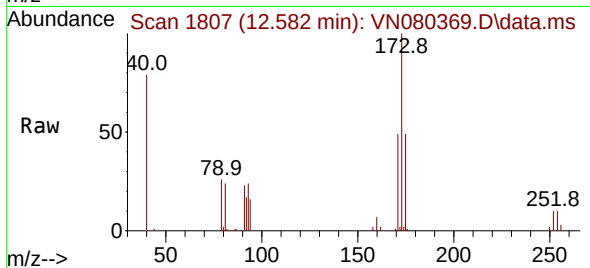
Tgt Ion:	173	Resp:	4238
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

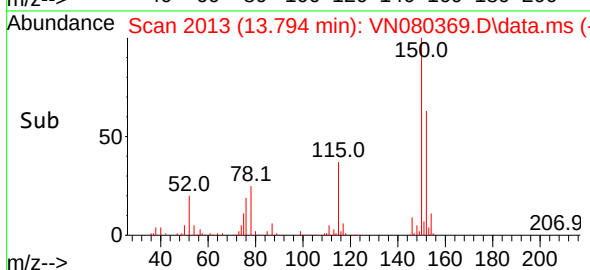
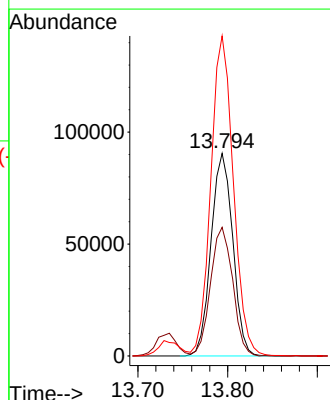
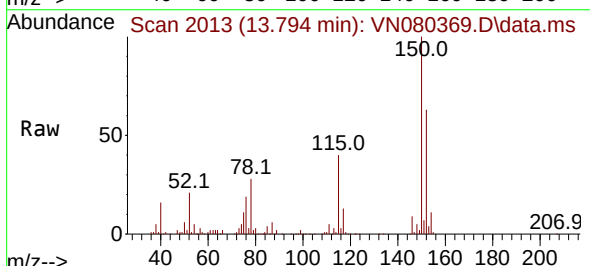
RT: 13.794 min Scan# 2013

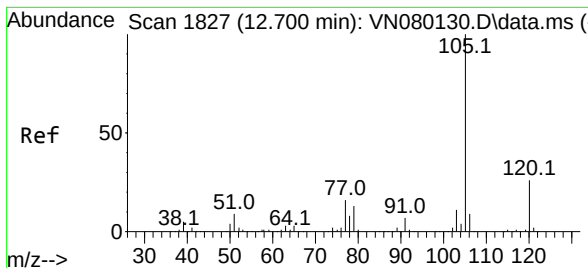
Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Tgt Ion:	152	Resp:	152241
Ion Ratio	Lower	Upper	
152	100		
115	64.7	32.3	96.8
150	163.7	0.0	355.8





#73

Isopropylbenzene

Concen: 20.266 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

Tgt Ion:105 Resp: 23975

Ion Ratio Lower Upper

105 100

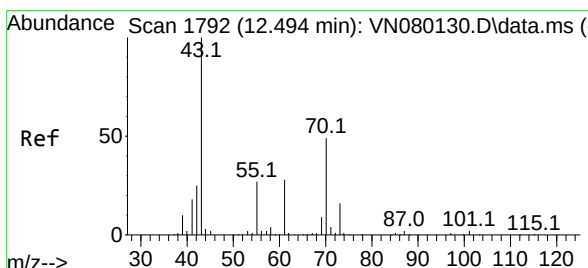
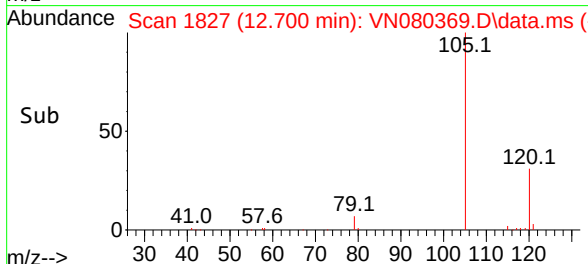
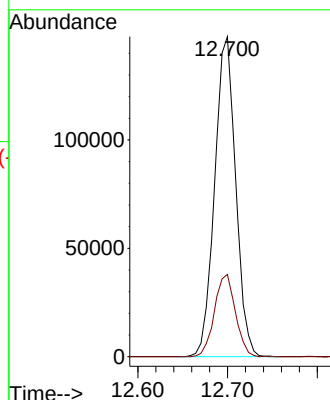
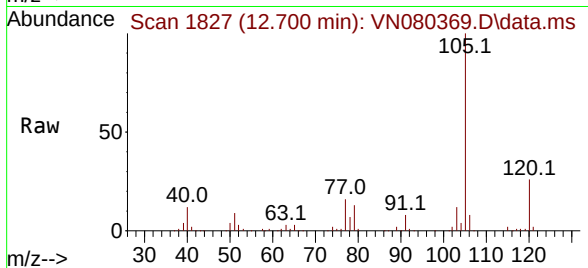
120 25.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#74

N-ethyl acetate

Concen: 17.555 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Tgt Ion: 43 Resp: 64763

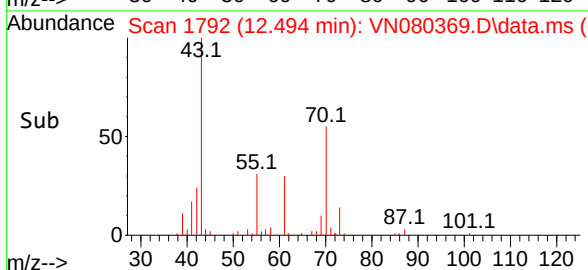
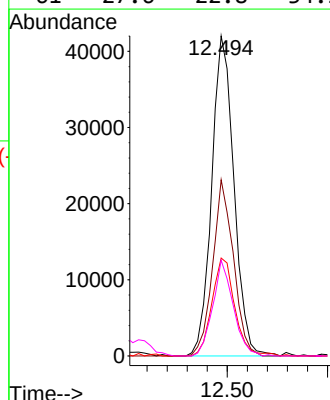
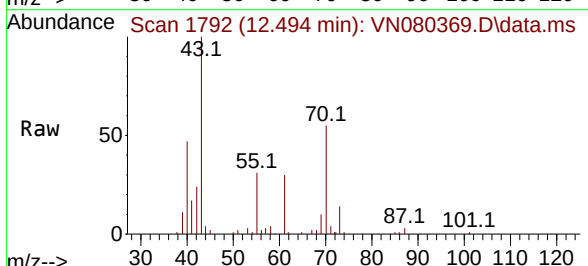
Ion Ratio Lower Upper

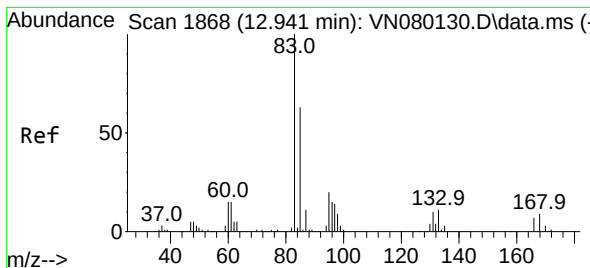
43 100

70 51.3 43.4 65.2

55 31.4 21.4 32.0

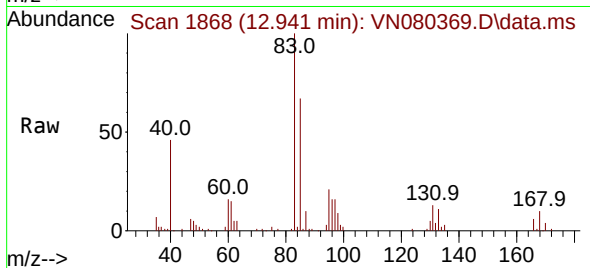
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.930 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

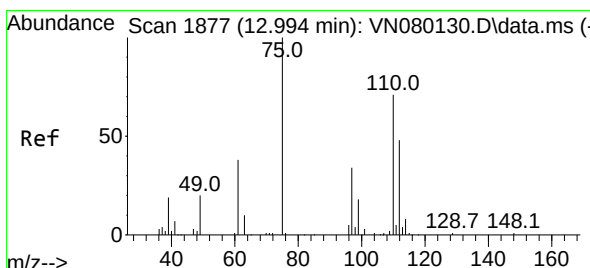
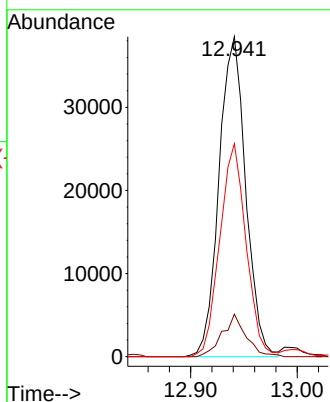
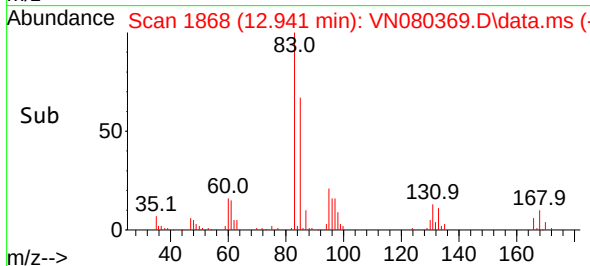
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



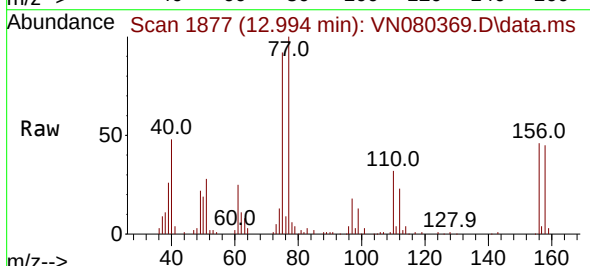
Tgt Ion: 83 Resp: 6702
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
APPROVED

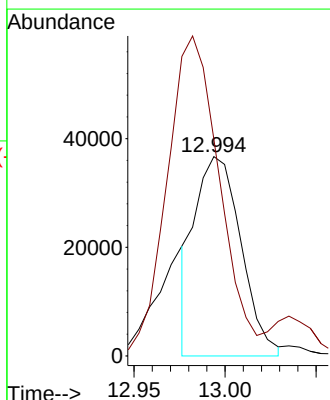
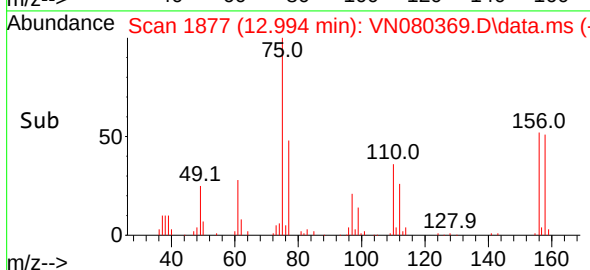
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

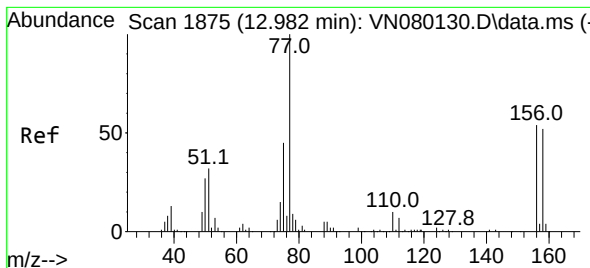


#76
1,2,3-Trichloropropane
Concen: 17.280 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion: 75 Resp: 64457
Ion Ratio Lower Upper
75 100
77 183.0 84.5 253.5





#77

Bromobenzene

Concen: 19.654 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

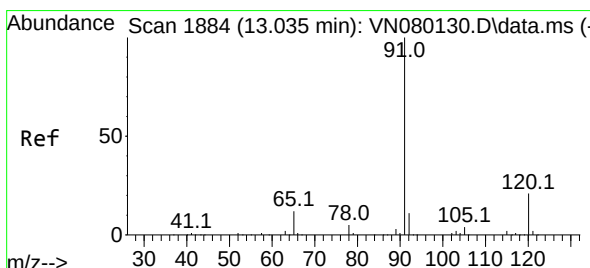
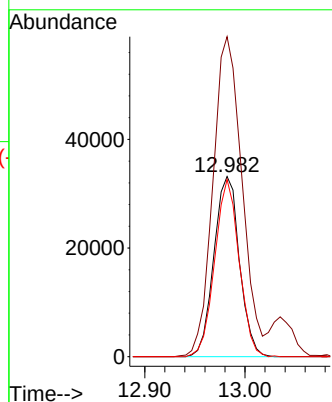
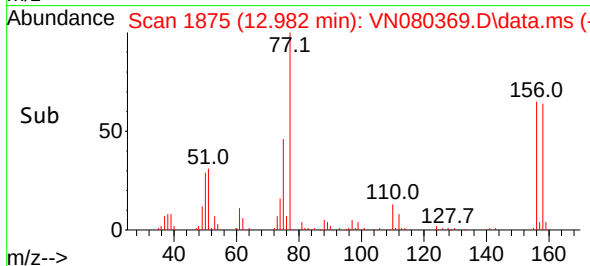
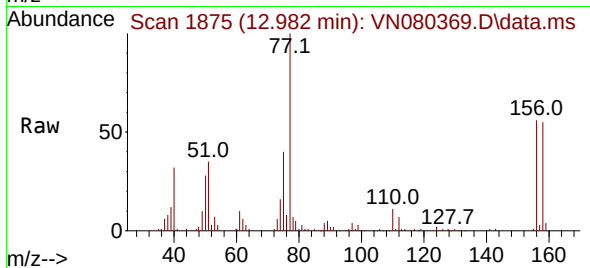
Tgt Ion:156 Resp: 5862
 Ion Ratio Lower Upper
 156 100
 77 201.3 107.7 323.3
 158 93.9 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#78

n-propylbenzene

Concen: 19.432 ug/l

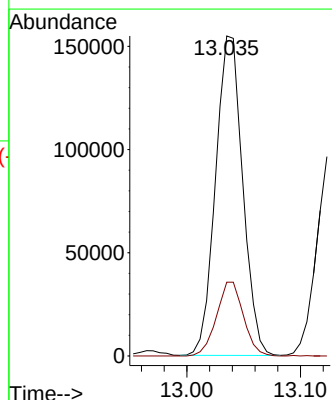
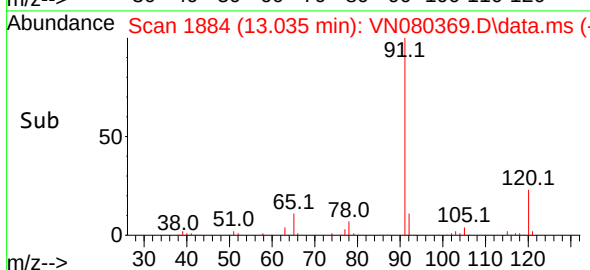
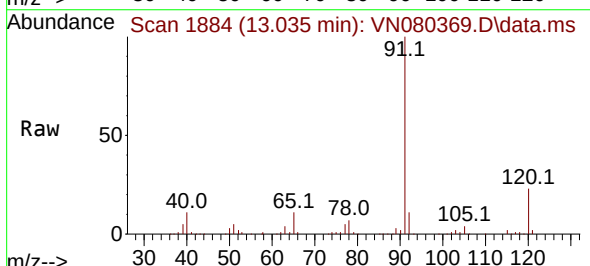
RT: 13.035 min Scan# 1884

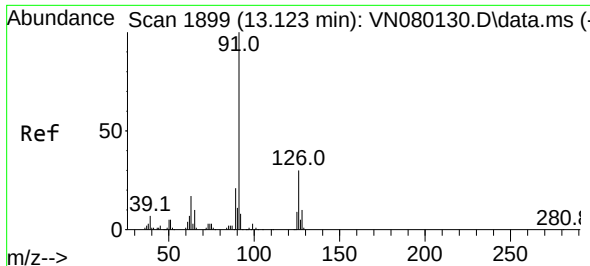
Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

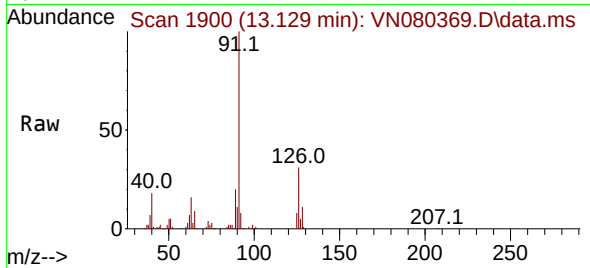
Tgt Ion: 91 Resp: 257063
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.841 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

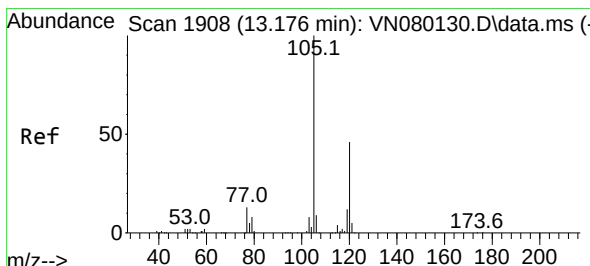
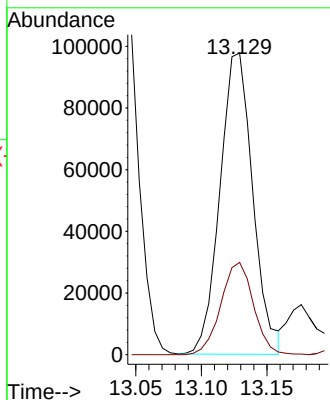
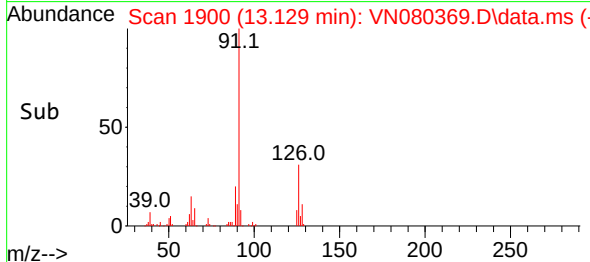
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 91 Resp: 170472
Ion Ratio Lower Upper
91 100
126 30.4 16.3 48.8

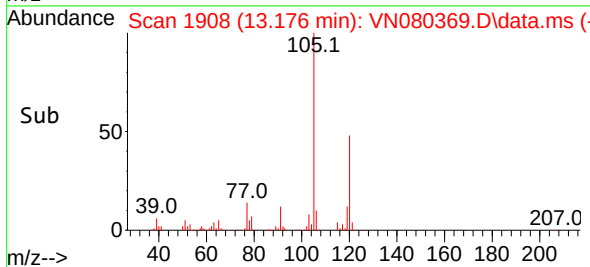
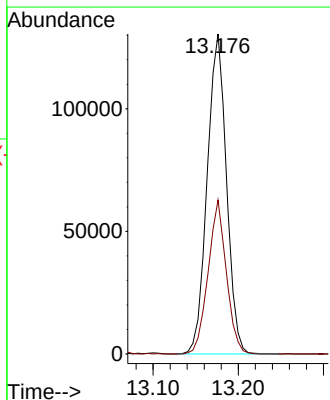
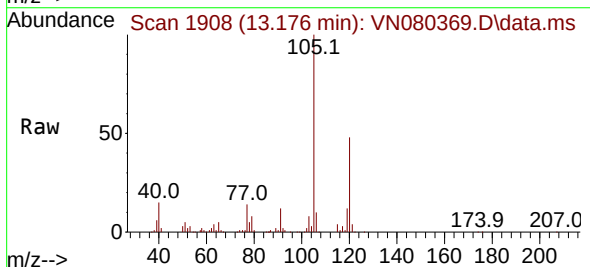
Manual Integrations
APPROVED

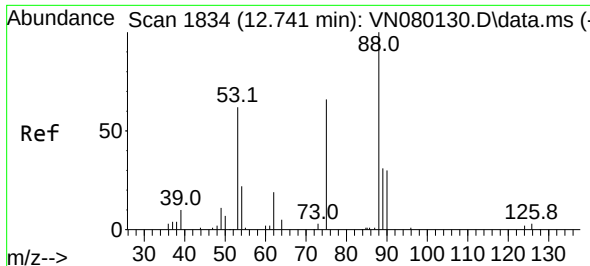
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.918 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

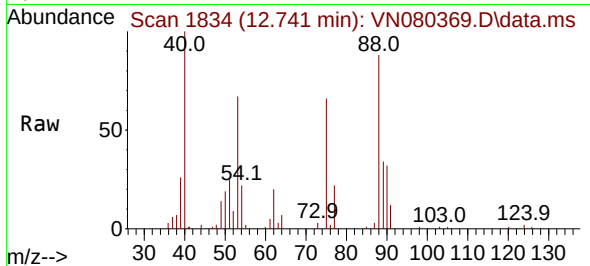
Tgt Ion:105 Resp: 205119
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.998 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

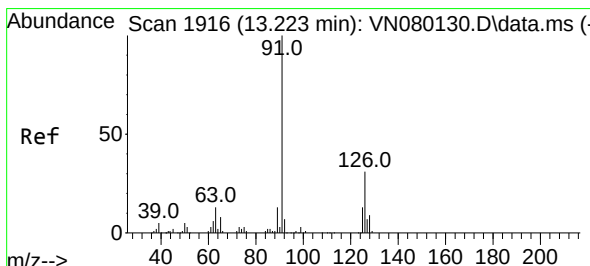
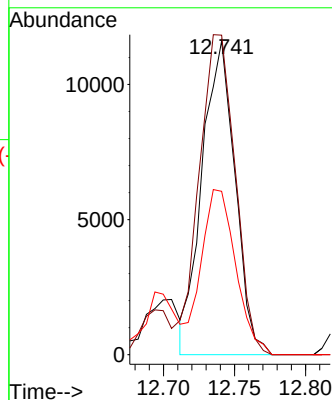
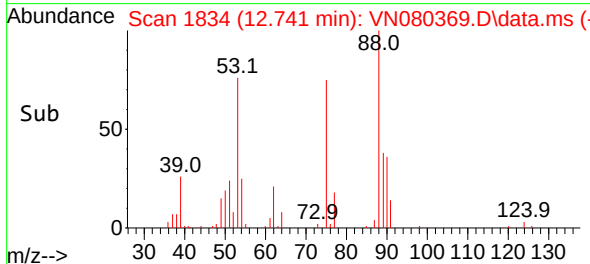
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion: 75 Resp: 1876
Ion Ratio Lower Upper
75 100
53 111.7 67.4 101.2
89 55.8 38.8 58.2

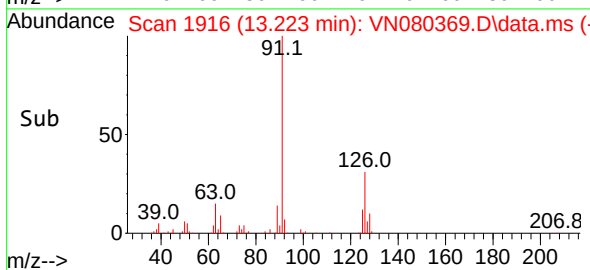
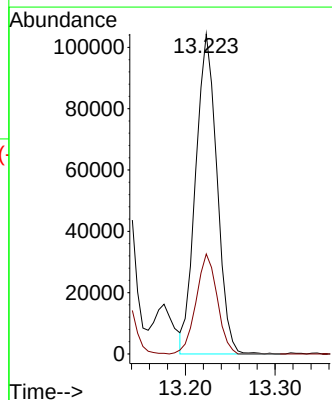
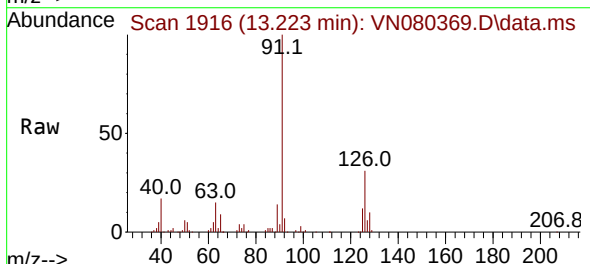
Manual Integrations
APPROVED

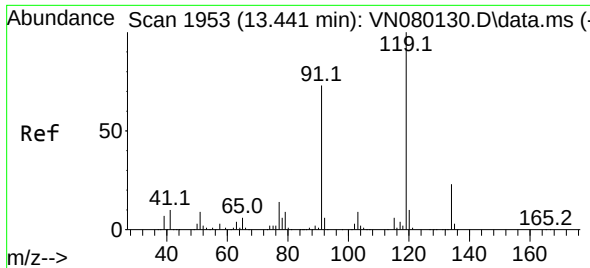
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#82
4-Chlorotoluene
Concen: 19.513 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

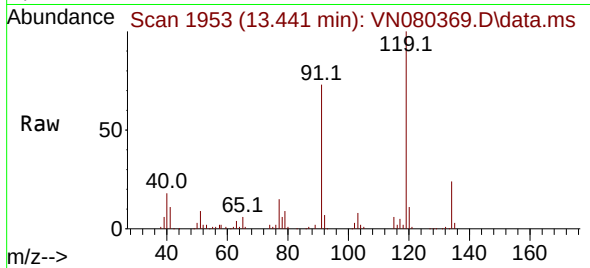
Tgt Ion: 91 Resp: 171753
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.652 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

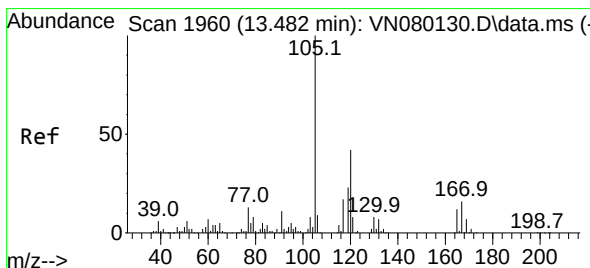
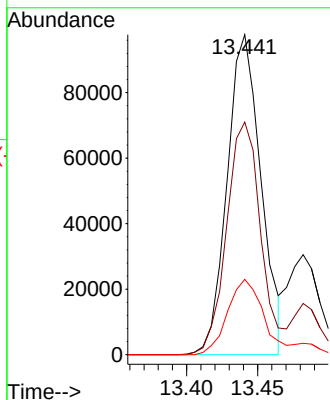
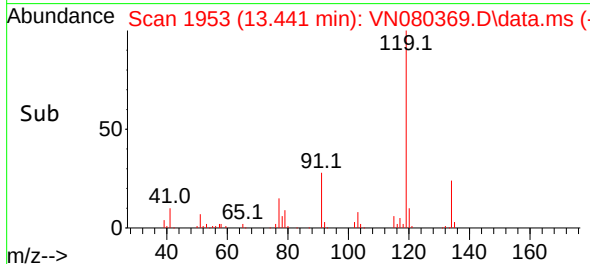
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



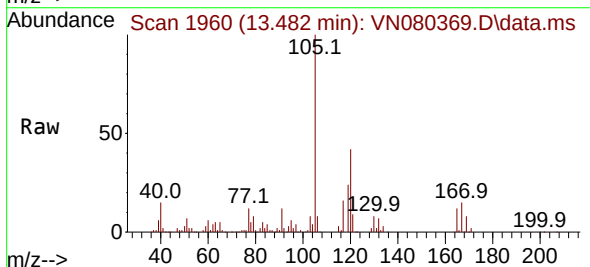
Tgt Ion:119 Resp: 162294
Ion Ratio Lower Upper
119 100
91 73.9 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
APPROVED

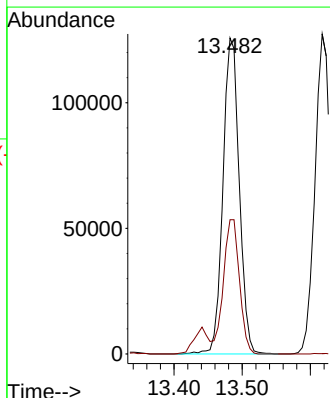
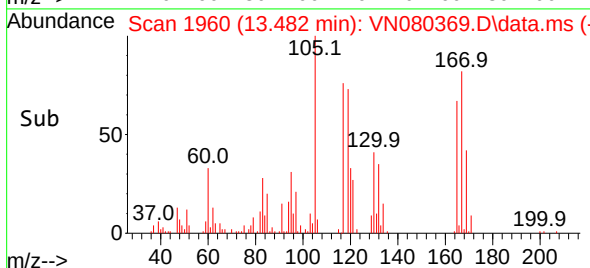
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

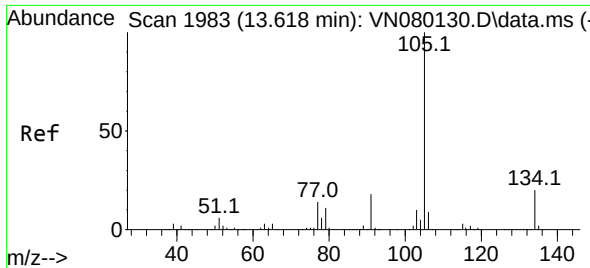


#84
1,2,4-Trimethylbenzene
Concen: 20.636 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion:105 Resp: 209254
Ion Ratio Lower Upper
105 100
120 42.3 22.0 66.0





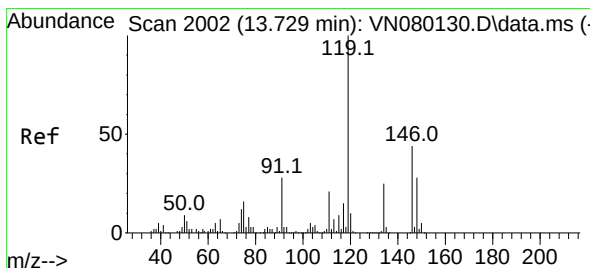
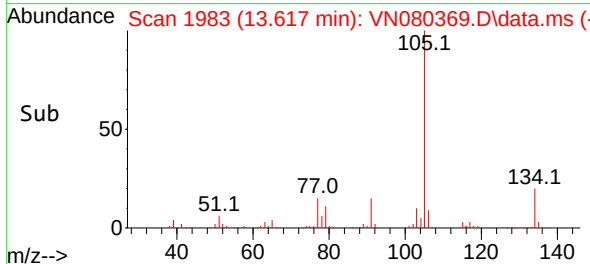
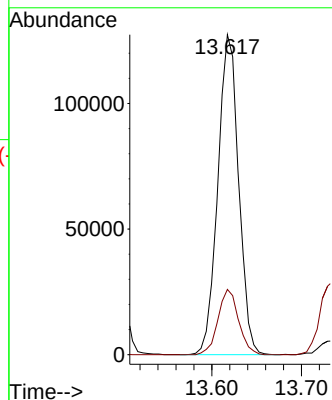
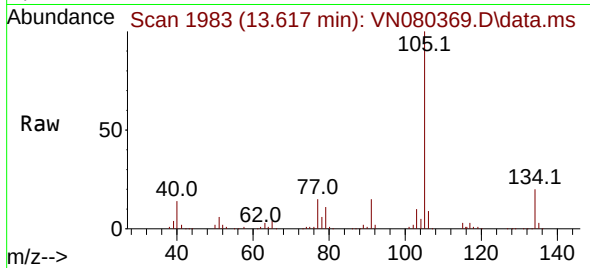
#85
 sec-Butylbenzene
 Concen: 19.630 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tgt Ion:105 Resp: 20508
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

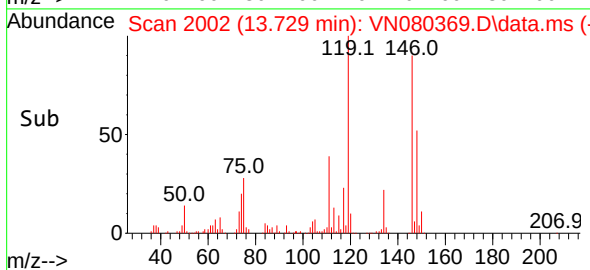
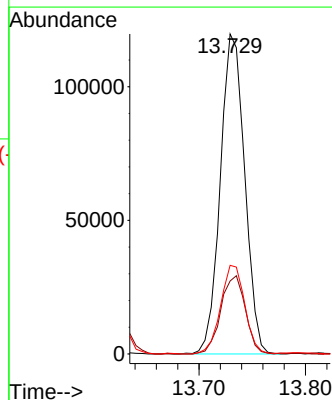
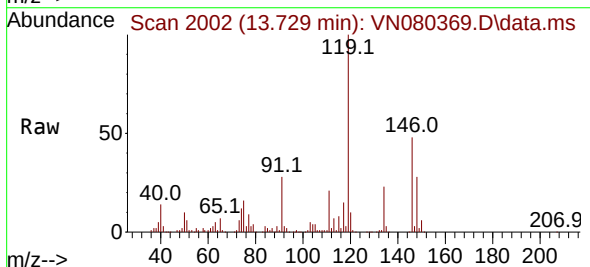
Manual Integrations
 APPROVED

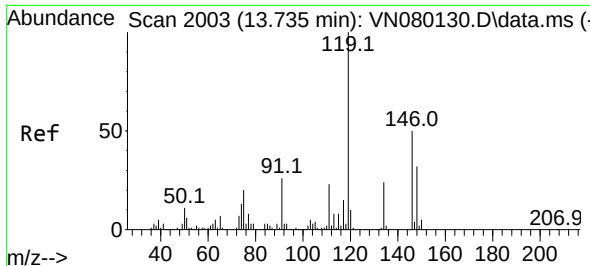
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#86
 p-Isopropyltoluene
 Concen: 20.380 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080369.D
 Acq: 05 Dec 2023 16:21

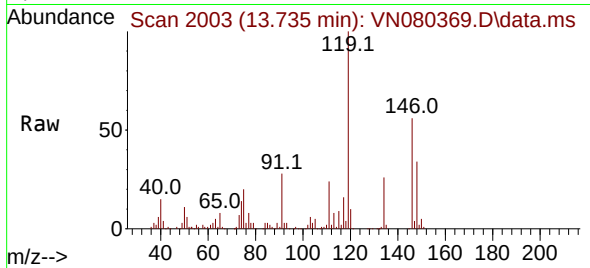
Tgt Ion:119 Resp: 190194
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 27.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.550 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

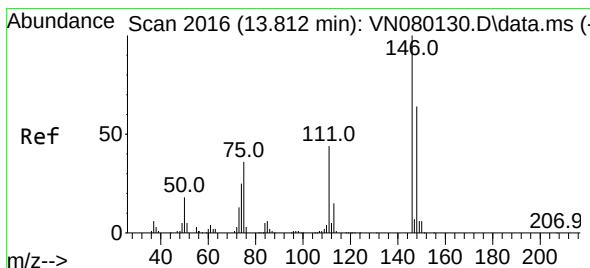
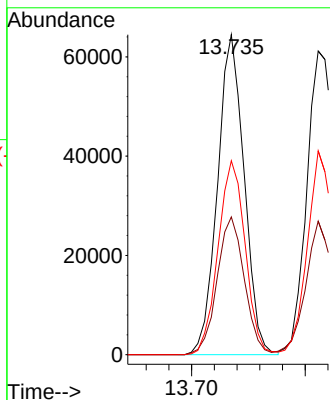
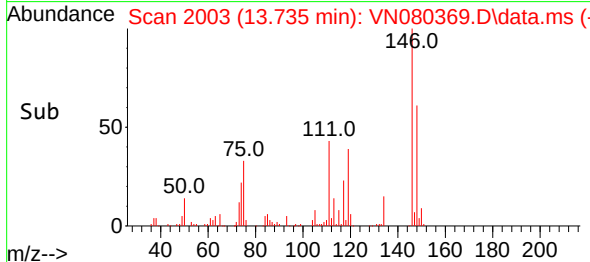
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



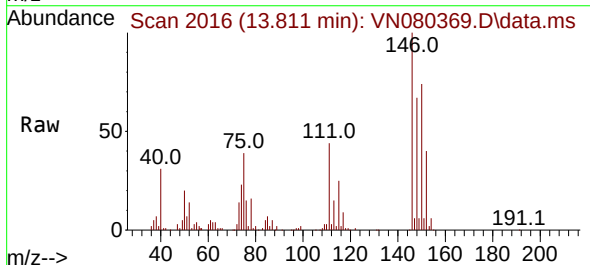
Tgt Ion:146 Resp: 10505
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.3
148 61.8 32.0 96.0

Manual Integrations
APPROVED

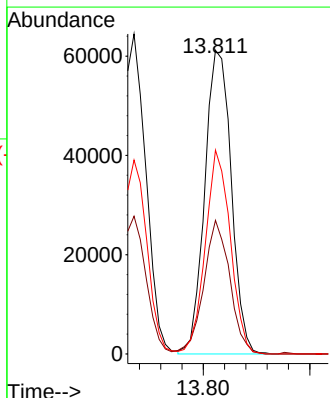
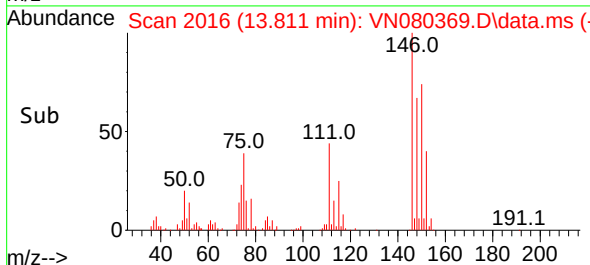
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

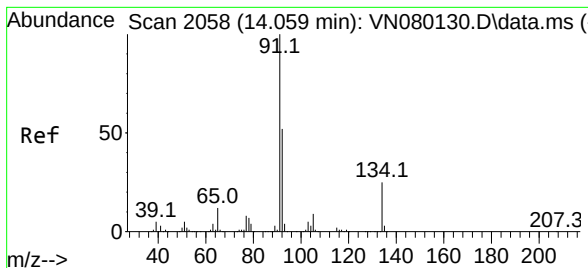


#88
1,4-Dichlorobenzene
Concen: 19.586 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion:146 Resp: 105771
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 63.5 31.6 94.8





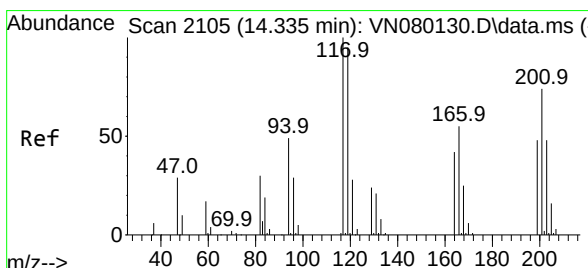
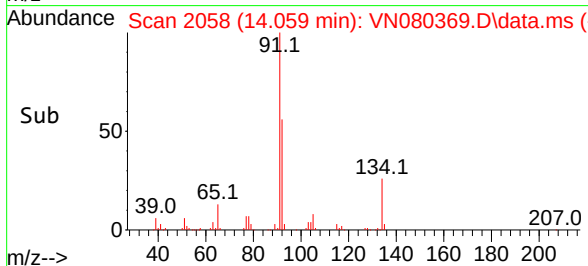
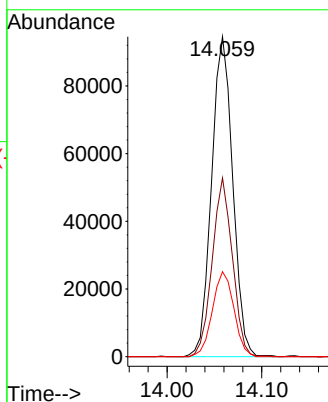
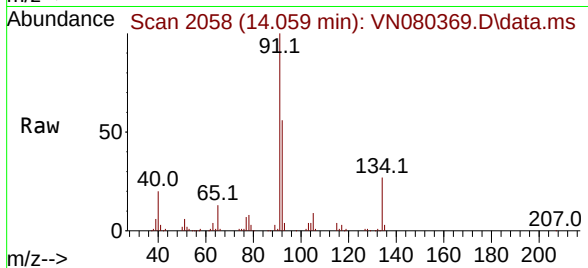
#89
n-Butylbenzene
Concen: 18.810 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

Tgt Ion: 91 Resp: 14693
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 27.0 12.6 37.6

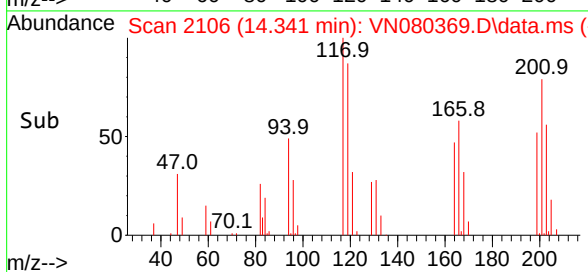
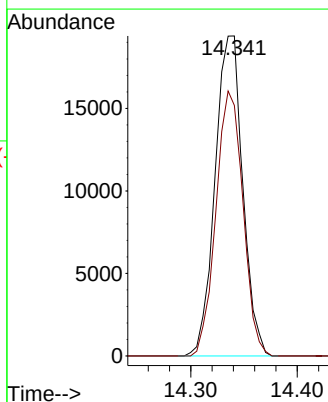
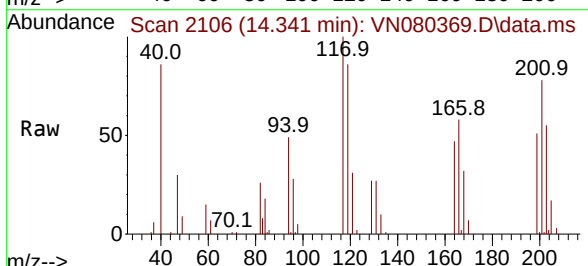
Manual Integrations
APPROVED

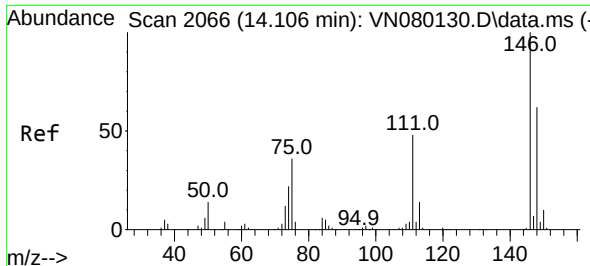
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#90
Hexachloroethane
Concen: 19.257 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

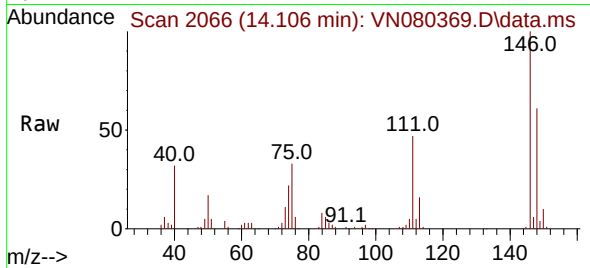
Tgt Ion:117 Resp: 35036
Ion Ratio Lower Upper
117 100
201 80.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.666 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

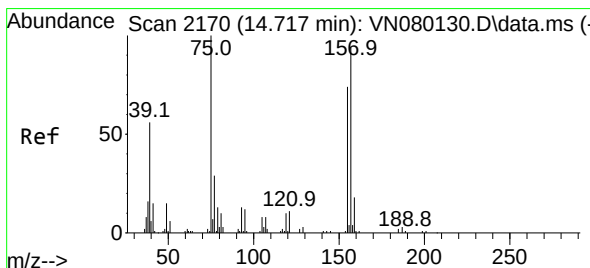
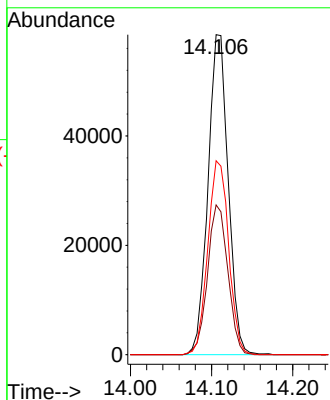
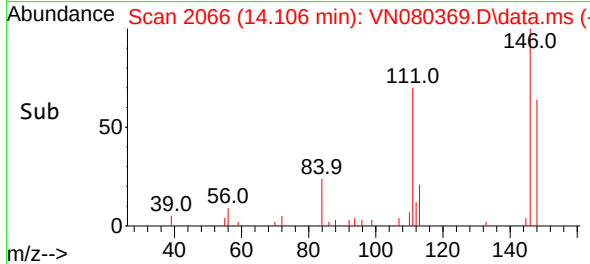
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



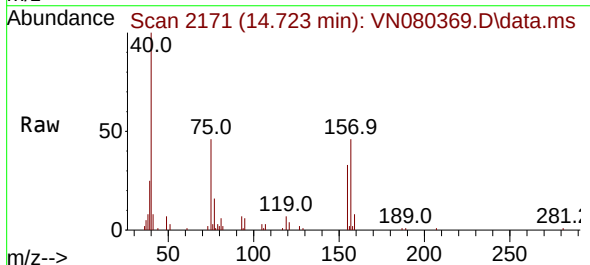
Tgt Ion:146 Resp: 101128
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 62.4 31.8 95.3

Manual Integrations
APPROVED

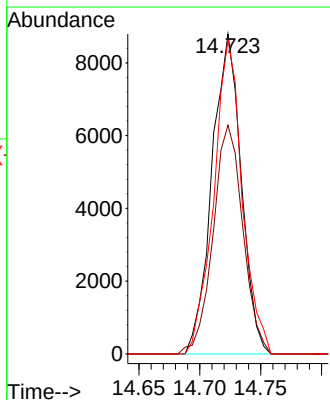
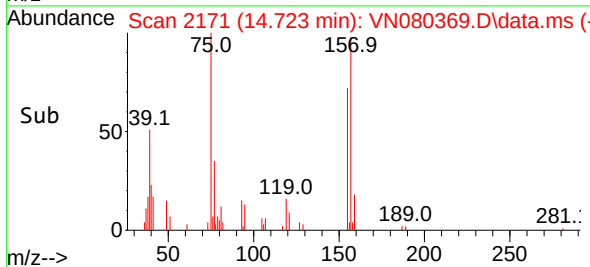
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

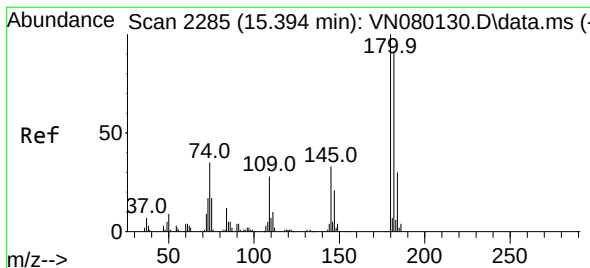


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.842 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21



Tgt Ion: 75 Resp: 14674
Ion Ratio Lower Upper
75 100
155 73.0 39.1 117.2
157 95.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.702 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

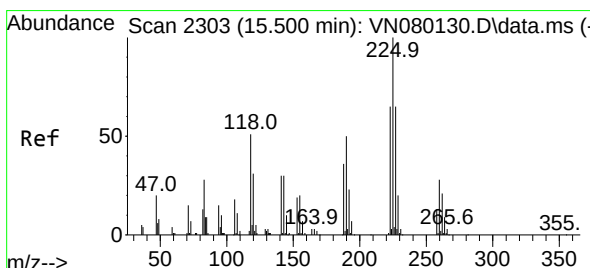
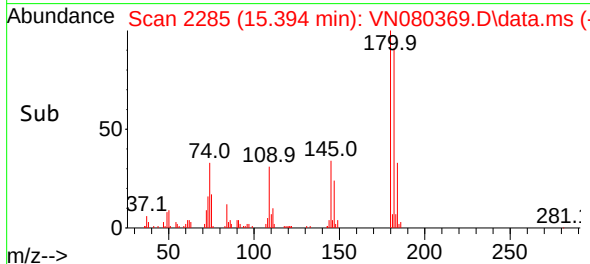
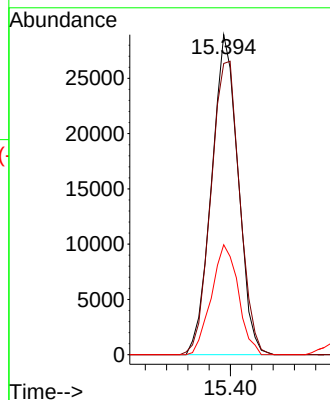
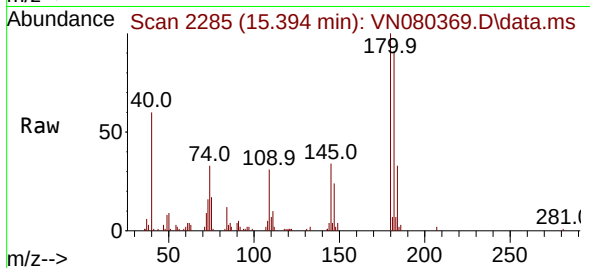
Tgt Ion:180	Resp:	49954
Ion Ratio	Lower	Upper
180	100	
182	98.9	46.1 138.2
145	34.9	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#94

Hexachlorobutadiene

Concen: 17.575 ug/l

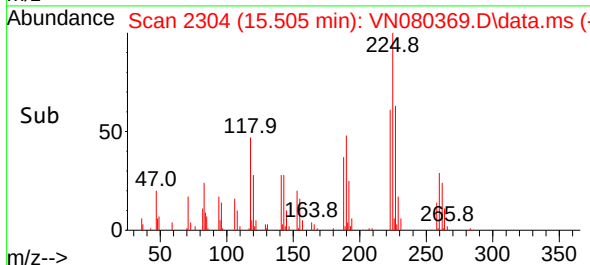
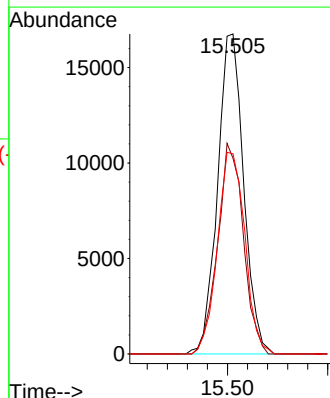
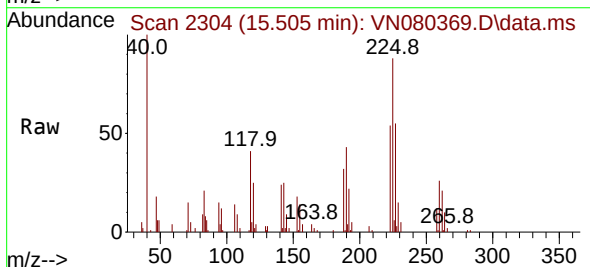
RT: 15.505 min Scan# 2304

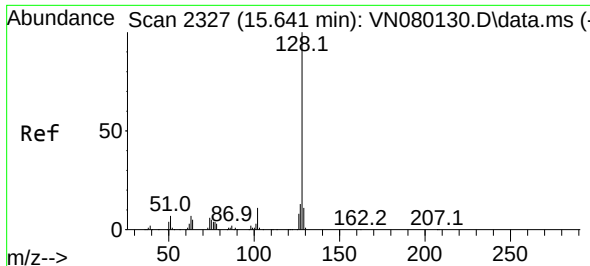
Delta R.T. 0.005 min

Lab File: VN080369.D

Acq: 05 Dec 2023 16:21

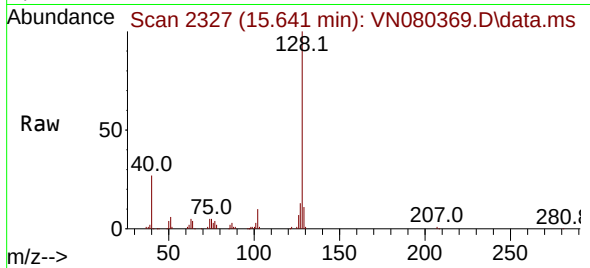
Tgt Ion:225	Resp:	30249
Ion Ratio	Lower	Upper
225	100	
223	64.9	31.3 93.8
227	66.3	31.9 95.9





#95
Naphthalene
Concen: 15.690 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

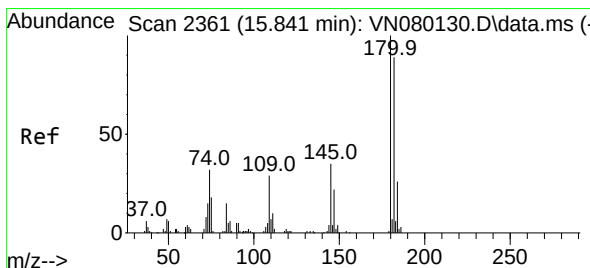
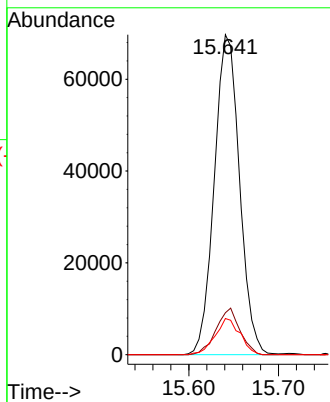
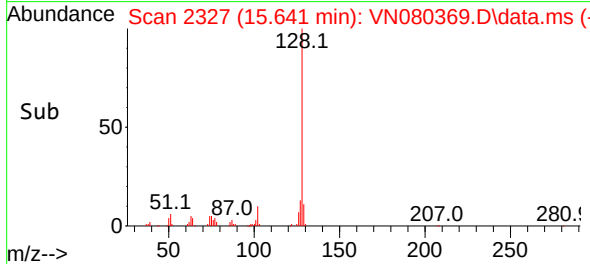
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01



Tgt Ion:128 Resp: 13608
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.497 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080369.D
Acq: 05 Dec 2023 16:21

Tgt Ion:180 Resp: 49049
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 33.3 17.5 52.6

