

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080433.D
 Acq On : 12 Dec 2023 11:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 13 01:29:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	316591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	507536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	442507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	33055	8.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	16.340%#		
35) Dibromofluoromethane	8.165	113	25313	7.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.740%#		
50) Toluene-d8	10.565	98	93837	7.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.640%#		
62) 4-Bromofluorobenzene	12.853	95	36210	7.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36643	9.057	ug/l	95
3) Chloromethane	2.359	50	38995	8.897	ug/l	99
4) Vinyl Chloride	2.518	62	30632	8.866	ug/l	98
5) Bromomethane	2.959	94	14599	9.372	ug/l	100
6) Chloroethane	3.130	64	21040	9.471	ug/l	92
7) Trichlorofluoromethane	3.495	101	63927	9.122	ug/l	92
8) Diethyl Ether	3.959	74	18933	8.577	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	29954	9.018	ug/l	92
10) Methyl Iodide	4.589	142	25541	8.742	ug/l #	97
11) Tert butyl alcohol	5.518	59	22431	47.102	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	30849	9.064	ug/l	88
13) Acrolein	4.177	56	23300	44.676	ug/l	93
14) Allyl chloride	5.030	41	38212	9.075	ug/l	97
15) Acrylonitrile	5.712	53	61684	45.841	ug/l	99
16) Acetone	4.418	43	38329	53.459	ug/l	93
17) Carbon Disulfide	4.712	76	86226	8.940	ug/l	98
18) Methyl Acetate	5.018	43	42253	9.159	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	102839	9.057	ug/l	98
20) Methylene Chloride	5.271	84	33007	8.602	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	33558	9.093	ug/l	85
22) Diisopropyl ether	6.677	45	84669	9.316	ug/l #	83
23) Vinyl Acetate	6.600	43	232495	44.541	ug/l	92
24) 1,1-Dichloroethane	6.565	63	58323	9.198	ug/l	94
25) 2-Butanone	7.477	43	69317	50.186	ug/l	91
26) 2,2-Dichloropropane	7.483	77	58222	8.979	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	37009	8.860	ug/l	87
28) Bromochloromethane	7.812	49	20821	8.552	ug/l	100
29) Tetrahydrofuran	7.836	42	45623	46.128	ug/l	93
30) Chloroform	7.965	83	63872	9.075	ug/l	96
31) Cyclohexane	8.253	56	50722	9.224	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	63561	9.223	ug/l	96
36) 1,1-Dichloropropene	8.365	75	46880	8.910	ug/l	97
37) Ethyl Acetate	7.559	43	29845	9.058	ug/l #	77
38) Carbon Tetrachloride	8.353	117	54224	8.625	ug/l	88
39) Methylcyclohexane	9.600	83	48030	8.787	ug/l	88
40) Benzene	8.606	78	136206	8.965	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	17026	8.963	ug/l	93
42) 1,2-Dichloroethane	8.671	62	49300	8.762	ug/l	96
43) Isopropyl Acetate	8.688	43	53131	8.968	ug/l	98
44) Trichloroethene	9.359	130	36783	8.980	ug/l	91
45) 1,2-Dichloropropane	9.624	63	32452	9.094	ug/l	98
46) Dibromomethane	9.712	93	22691	8.854	ug/l #	89
47) Bromodichloromethane	9.888	83	49463	9.006	ug/l	99
48) Methyl methacrylate	9.682	41	31077	8.790	ug/l	88
49) 1,4-Dioxane	9.700	88	9333	174.170	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	150675	46.181	ug/l	99
52) Toluene	10.629	92	84588	8.813	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51794	8.716	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	56401	8.880	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	31785	9.203	ug/l	92
56) Ethyl methacrylate	10.877	69	34439	9.007	ug/l	90
57) 1,3-Dichloropropane	11.165	76	54412	8.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	110476	45.766	ug/l	98
59) 2-Hexanone	11.194	43	109992	45.665	ug/l	99
60) Dibromochloromethane	11.353	129	35796	8.747	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32099	8.980	ug/l	99
64) Tetrachloroethene	11.106	164	30507	8.929	ug/l	96
65) Chlorobenzene	11.894	112	87928	8.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	34735	8.993	ug/l	94
67) Ethyl Benzene	11.965	91	161933	8.947	ug/l	99
68) m/p-Xylenes	12.071	106	120575	18.028	ug/l	89
69) o-Xylene	12.400	106	59345	9.071	ug/l	88
70) Styrene	12.412	104	86892	9.221	ug/l	95
71) Bromoform	12.582	173	25355	9.002	ug/l #	98
73) Isopropylbenzene	12.694	105	151306	8.614	ug/l	99
74) N-amyl acetate	12.494	43	44571	8.689	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	42104	8.945	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39436m	8.276	ug/l	
77) Bromobenzene	12.982	156	37595	8.700	ug/l	98
78) n-propylbenzene	13.035	91	169035	8.728	ug/l	99
79) 2-Chlorotoluene	13.123	91	112351	8.886	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	135469	8.955	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	15962	9.607	ug/l #	92
82) 4-Chlorotoluene	13.223	91	112724	8.674	ug/l	96
83) tert-Butylbenzene	13.435	119	107831	8.703	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	134089	8.910	ug/l	98
85) sec-Butylbenzene	13.618	105	138689	8.751	ug/l	98
86) p-Isopropyltoluene	13.729	119	125418	8.764	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	68047	8.938	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	68240	8.880	ug/l	96
89) n-Butylbenzene	14.053	91	104778	8.768	ug/l	98
90) Hexachloroethane	14.335	117	19957	8.781	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	66780	9.237	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8347	8.431	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	34630	8.628	ug/l	93
94) Hexachlorobutadiene	15.506	225	21136	9.249	ug/l	95
95) Naphthalene	15.641	128	105912	8.689	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	33920	8.757	ug/l	98

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MSVOA_N
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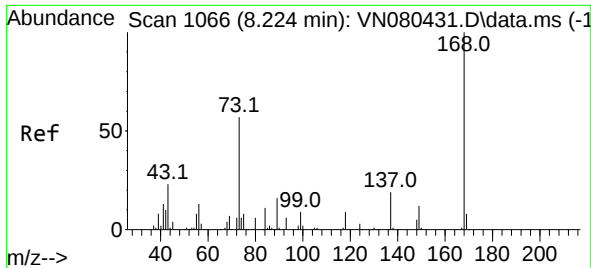
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

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Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:22:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



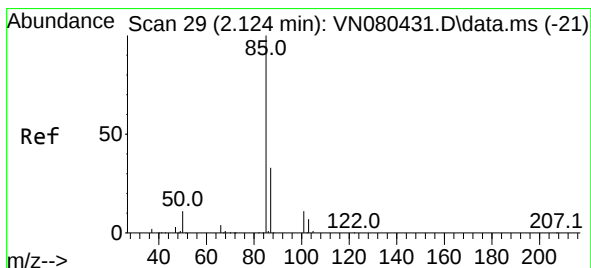
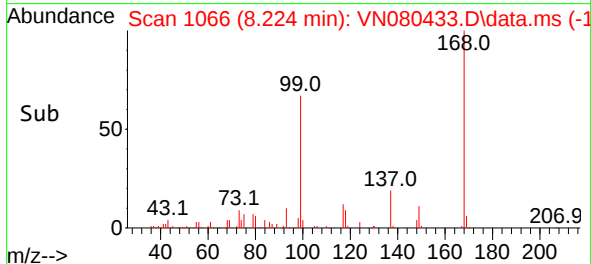
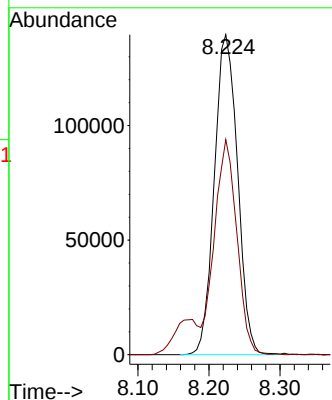
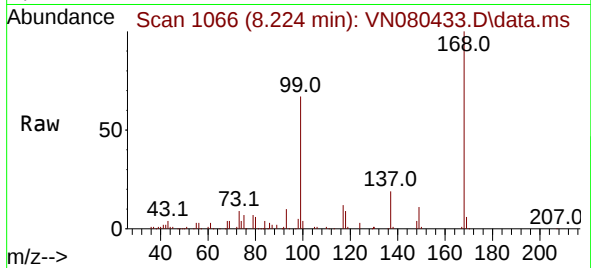
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 31659
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6

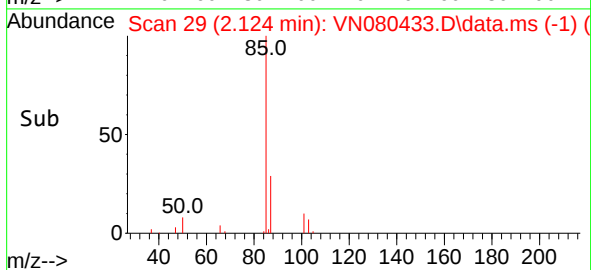
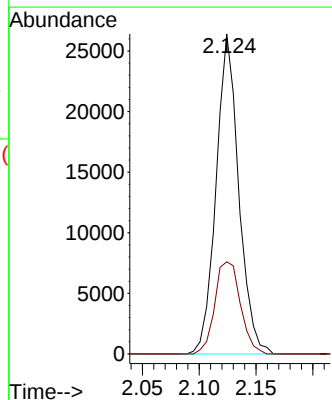
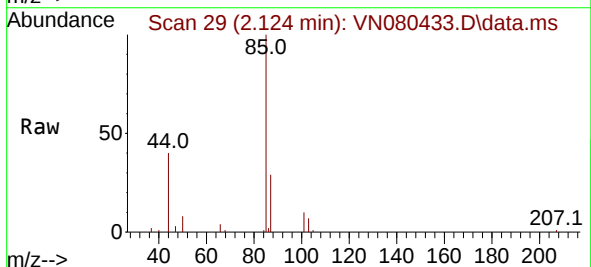
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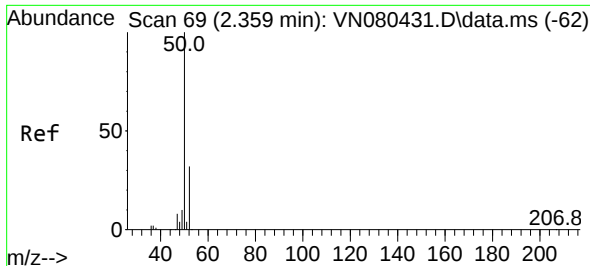
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#2
Dichlorodifluoromethane
Concen: 9.057 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

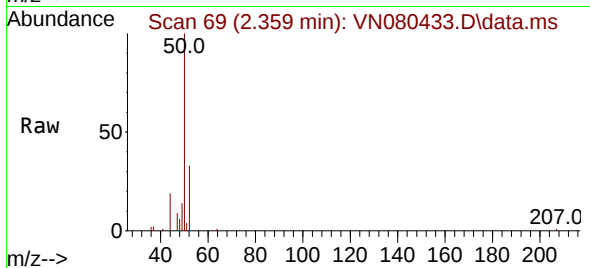
Tgt Ion: 85 Resp: 36643
Ion Ratio Lower Upper
85 100
87 28.8 15.8 47.4





#3
Chloromethane
Concen: 8.897 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

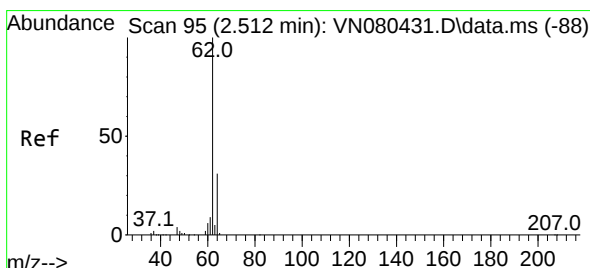
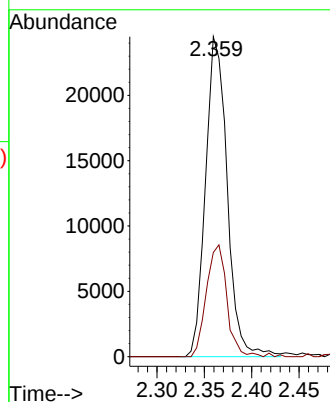
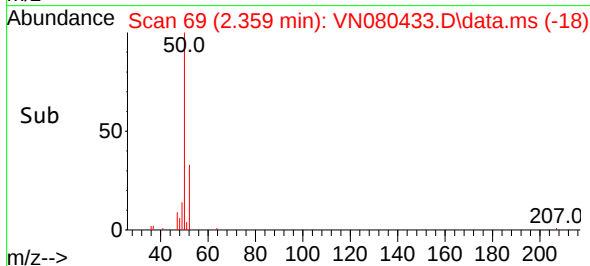
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 3899
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

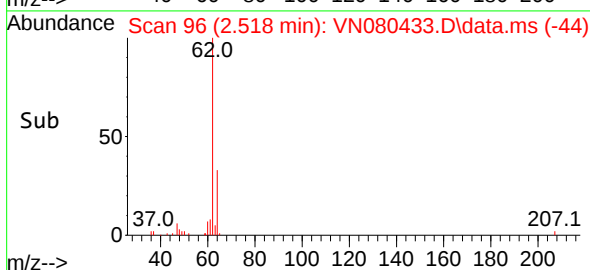
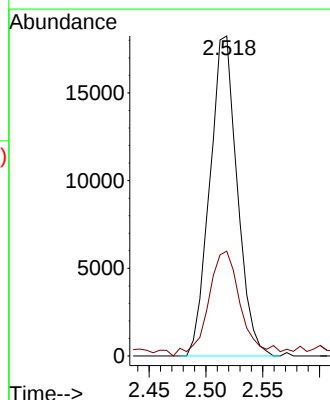
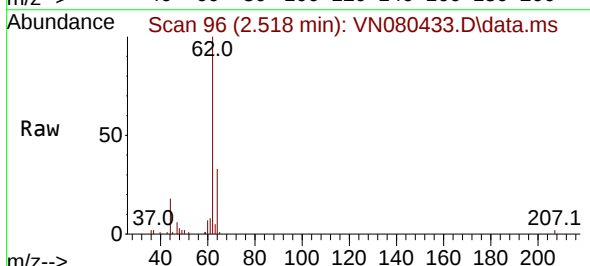
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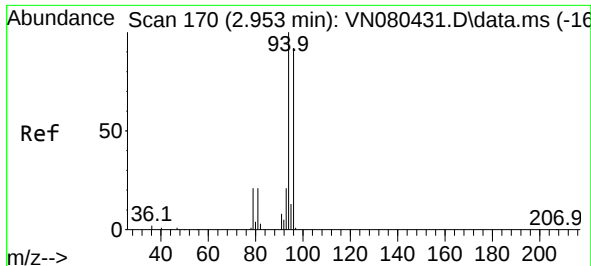
Reviewed By :John Carlone 12/13/2023
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#4
Vinyl Chloride
Concen: 8.866 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

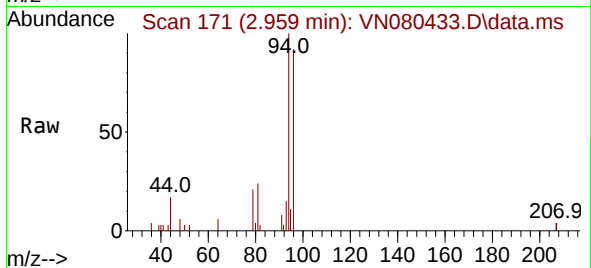
Tgt Ion: 62 Resp: 30632
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 9.372 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

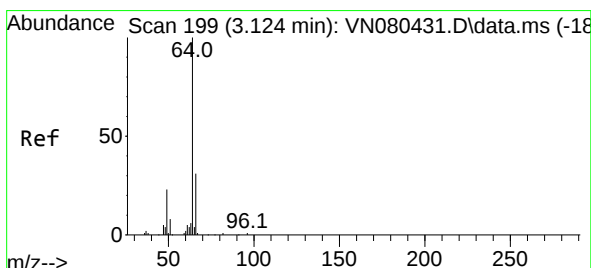
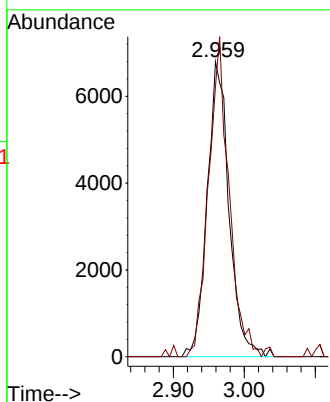
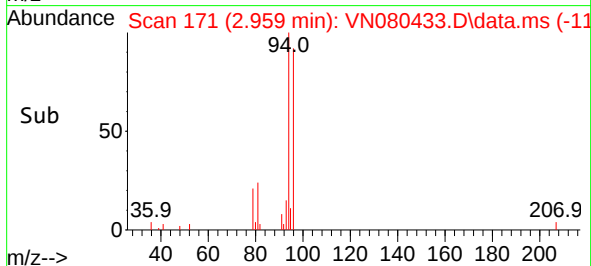
Instrument :
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Tgt Ion: 94 Resp: 1459
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

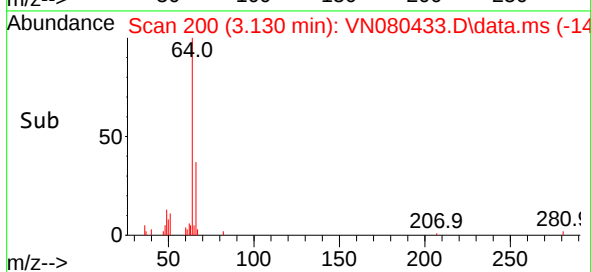
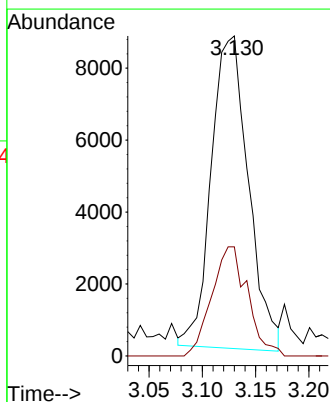
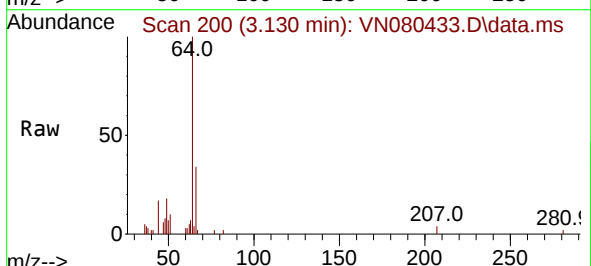
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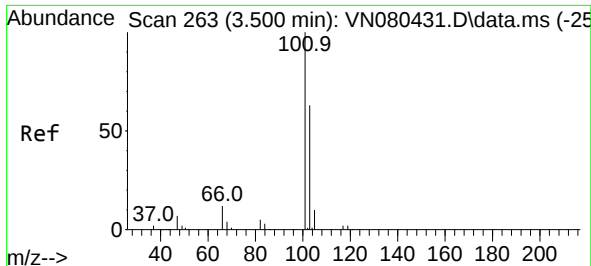
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#6
Chloroethane
Concen: 9.471 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 64 Resp: 21040
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





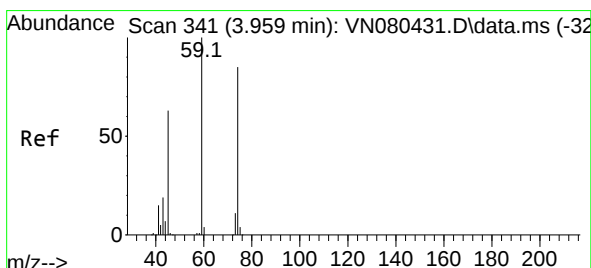
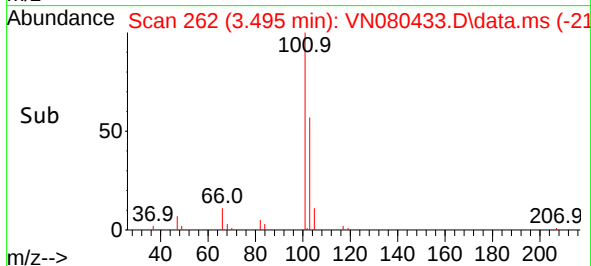
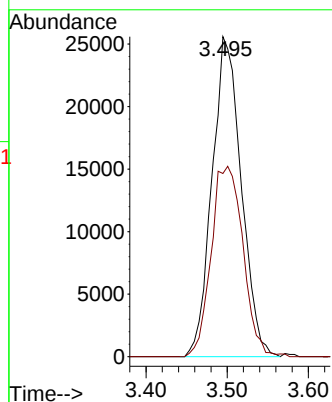
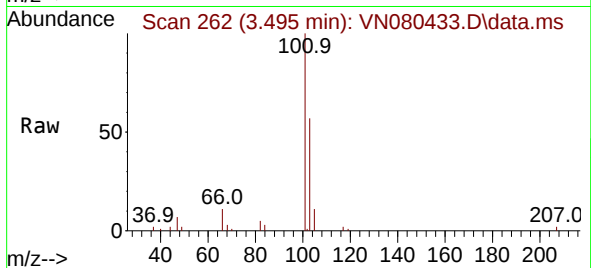
#7
Trichlorofluoromethane
Concen: 9.122 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6392
Ion Ratio Lower Upper
101 100
103 57.3 50.7 76.1

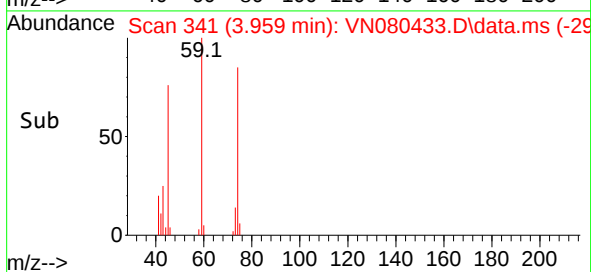
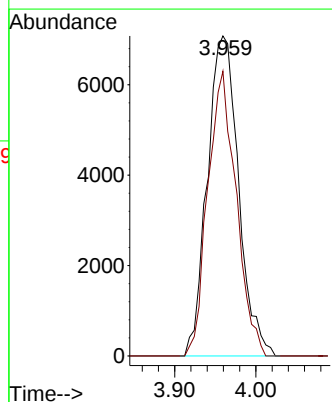
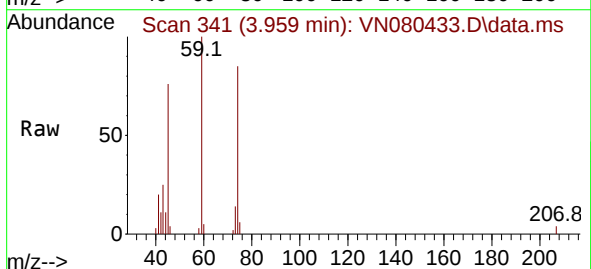
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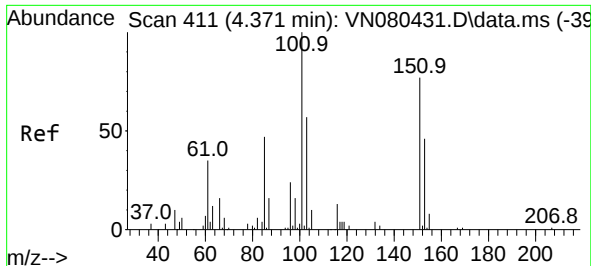
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#8
Diethyl Ether
Concen: 8.577 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 74 Resp: 18933
Ion Ratio Lower Upper
74 100
45 80.8 34.4 103.3





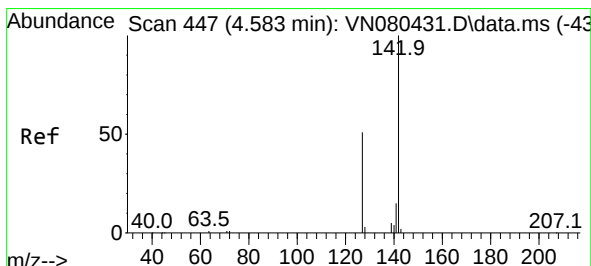
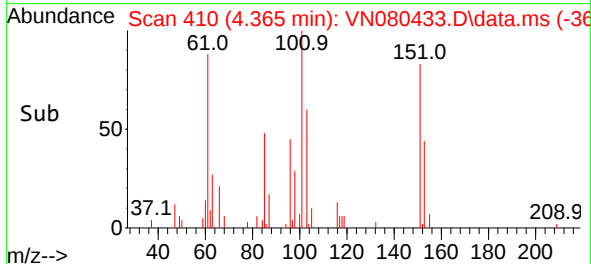
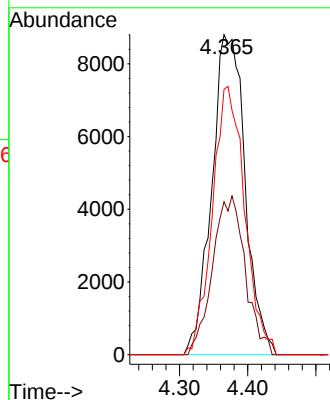
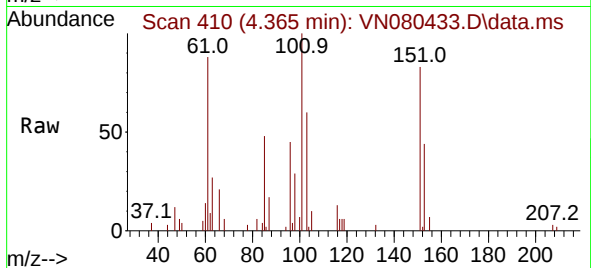
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.018 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 29954
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 81.2 57.6 86.4

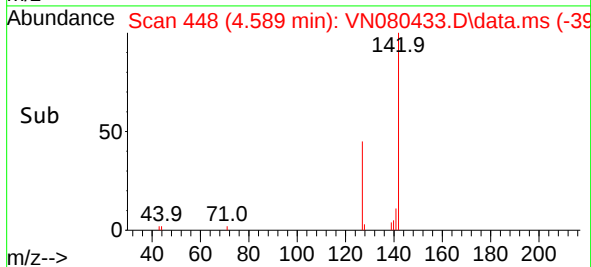
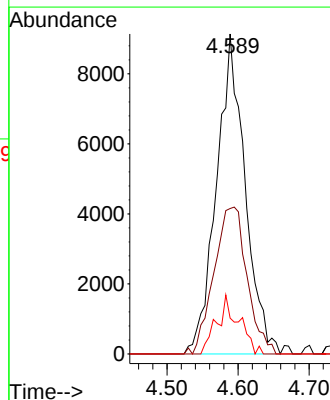
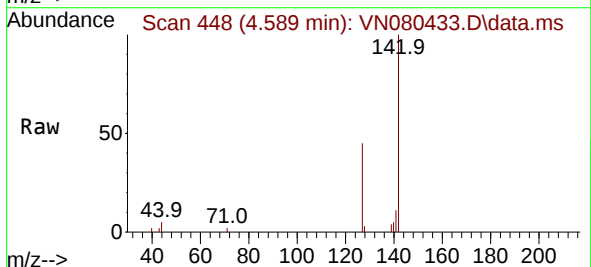
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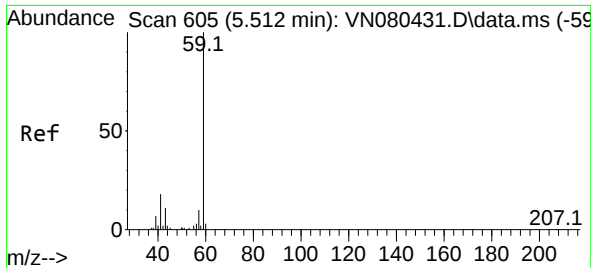
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 8.742 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:142 Resp: 25541
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 11.2 11.4 17.0#





#11

Tert butyl alcohol

Concen: 47.102 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 2243

Ion Ratio Lower Upper

59 100

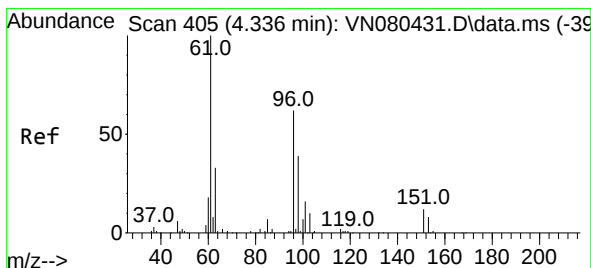
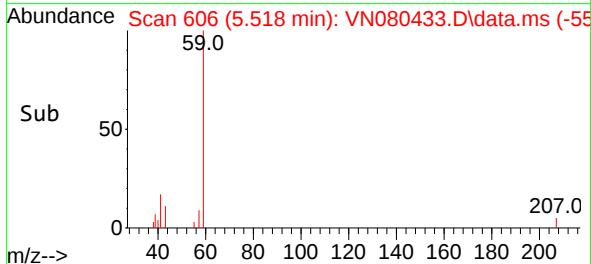
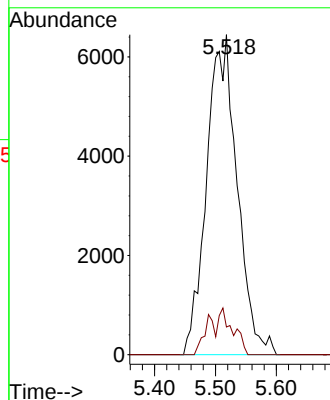
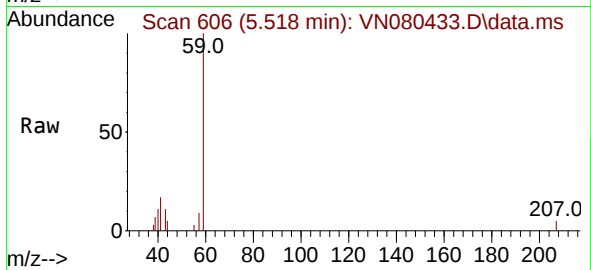
57 6.9 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#12

1,1-Dichloroethene

Concen: 9.064 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

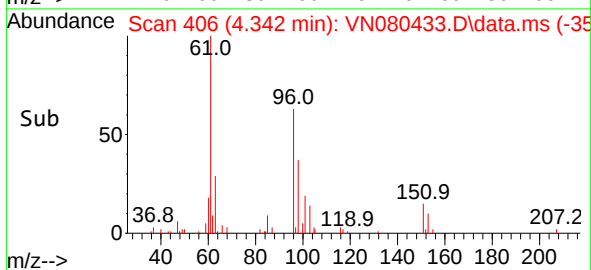
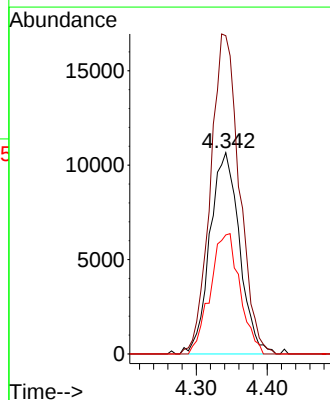
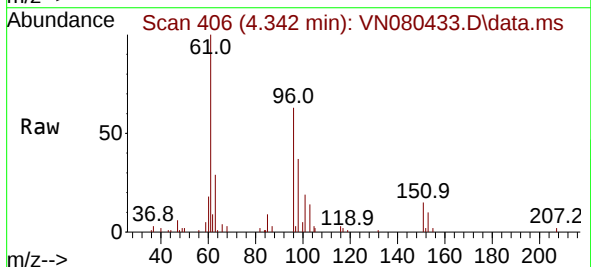
Tgt Ion: 96 Resp: 30849

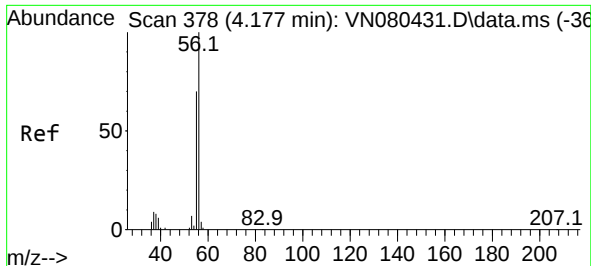
Ion Ratio Lower Upper

96 100

61 158.0 112.7 169.1

98 59.1 51.2 76.8





#13

Acrolein

Concen: 44.676 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 23300

Ion Ratio Lower Upper

56 100

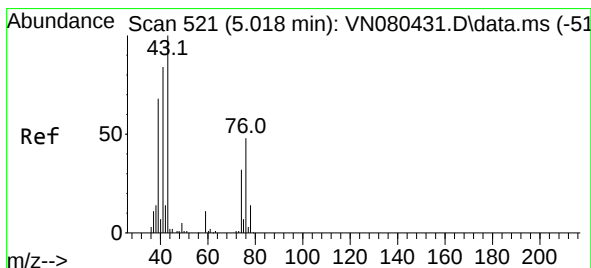
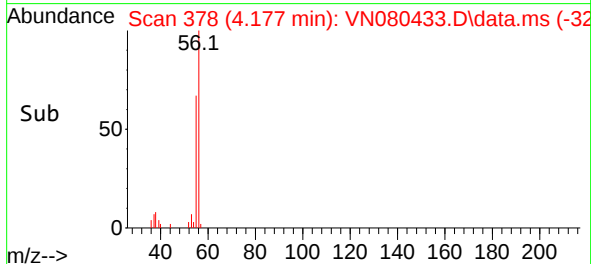
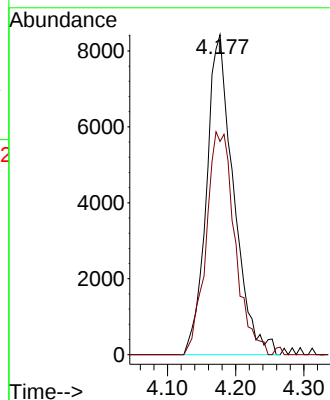
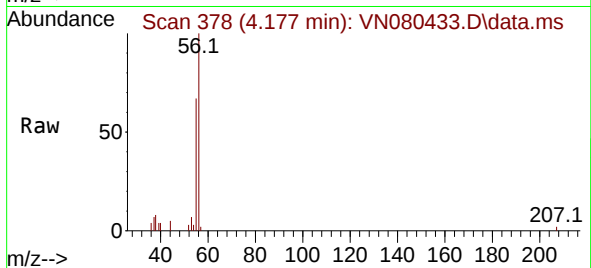
55 73.9 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#14

Allyl chloride

Concen: 9.075 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

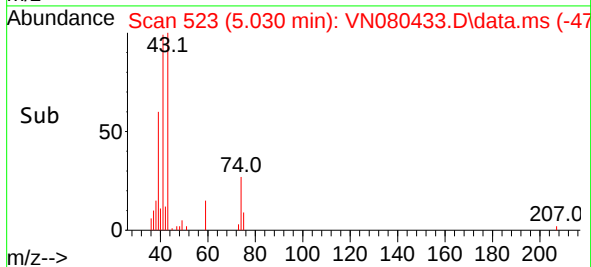
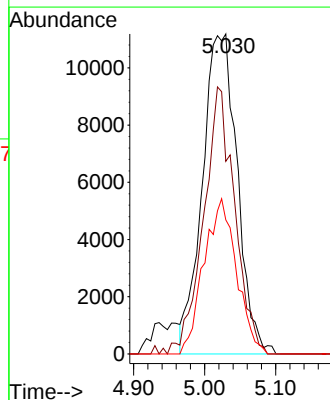
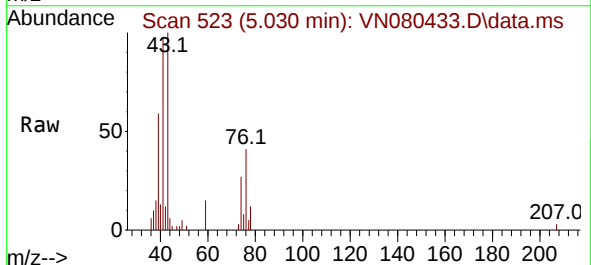
Tgt Ion: 41 Resp: 38212

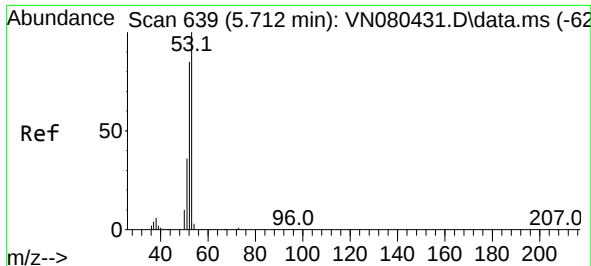
Ion Ratio Lower Upper

41 100

39 74.5 58.8 88.2

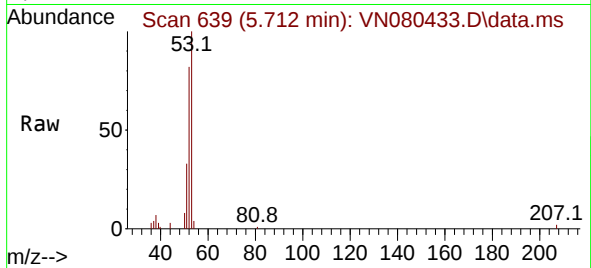
76 45.3 39.1 58.7





#15
Acrylonitrile
Concen: 45.841 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

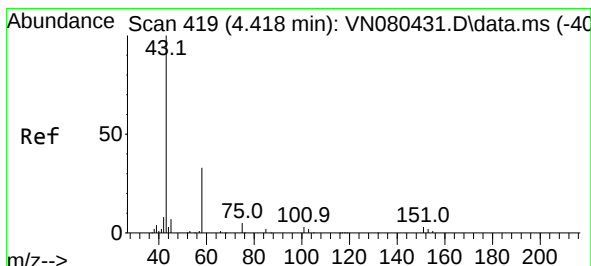
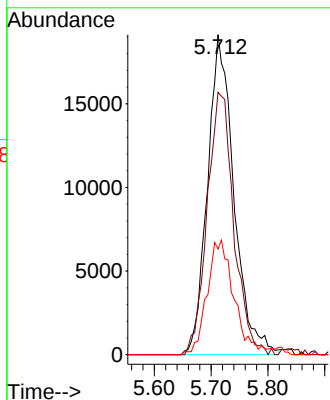
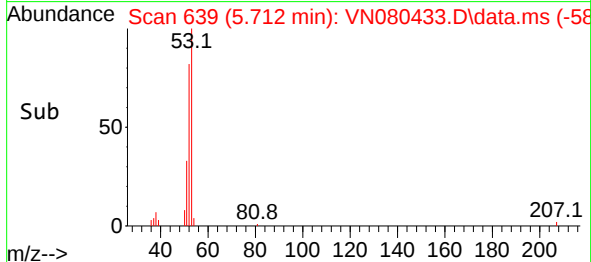
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 61684
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.6 28.9 43.3

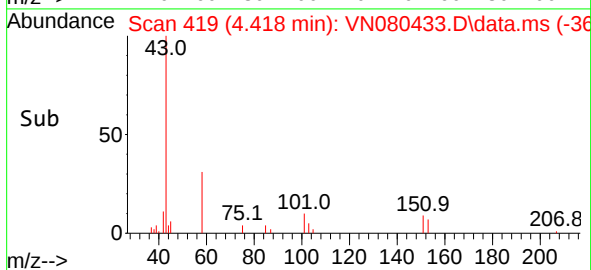
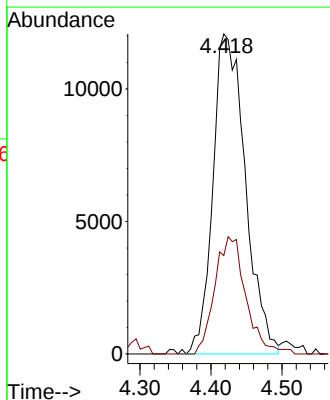
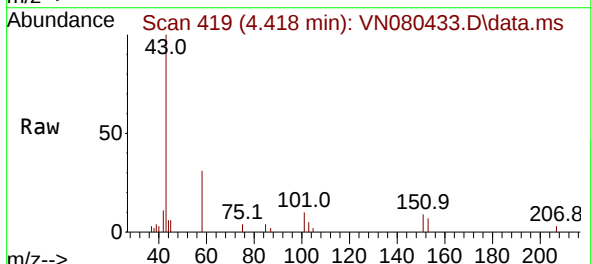
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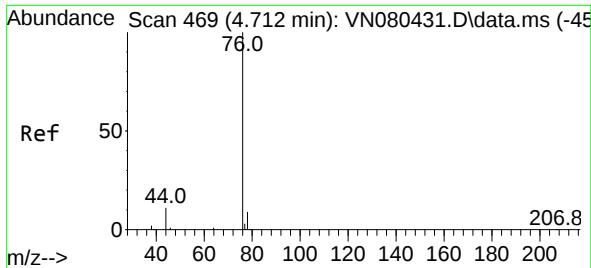
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 53.459 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 43 Resp: 38329
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





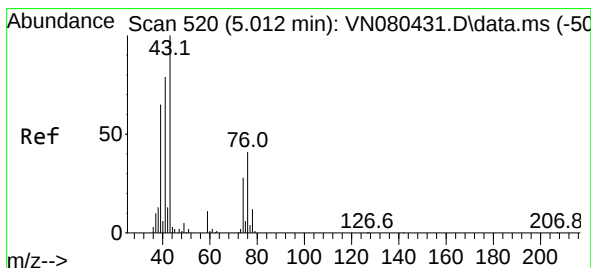
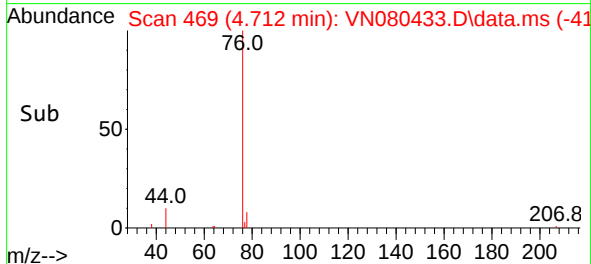
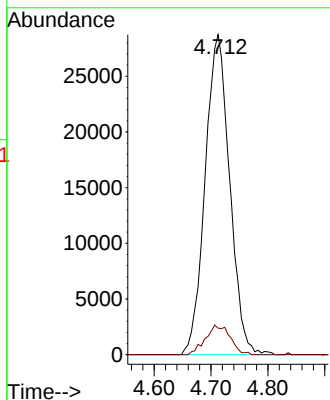
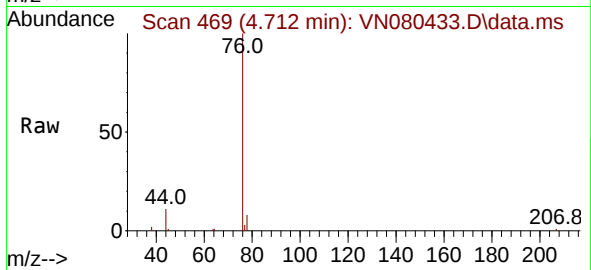
#17
Carbon Disulfide
Concen: 8.940 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion: 76 Resp: 86220
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

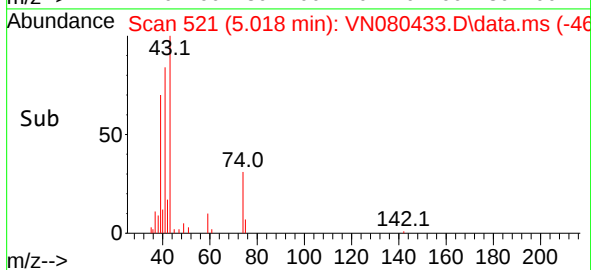
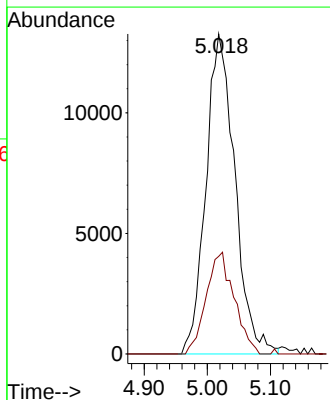
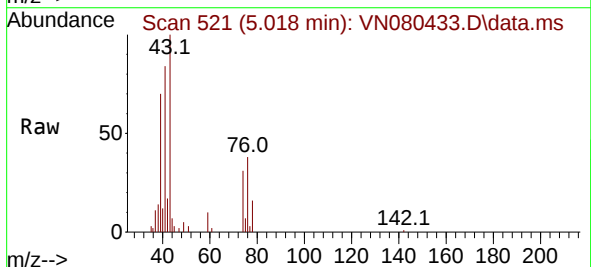
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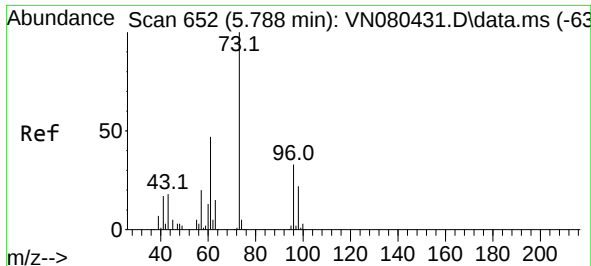
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#18
Methyl Acetate
Concen: 9.159 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 43 Resp: 42253
Ion Ratio Lower Upper
43 100
74 30.7 26.2 39.4





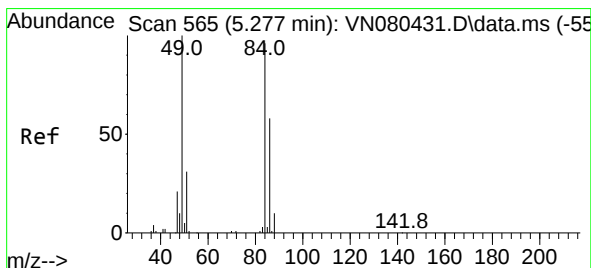
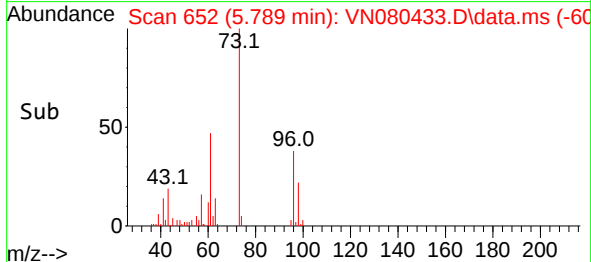
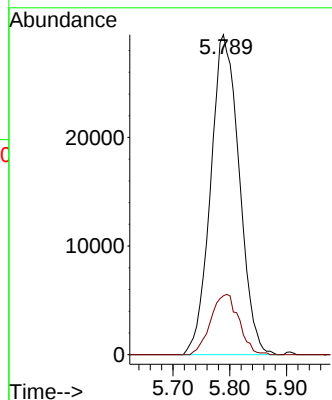
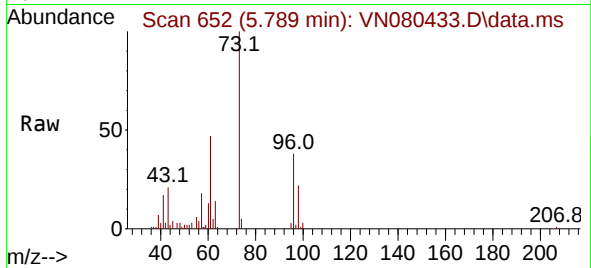
#19
Methyl tert-butyl Ether
Concen: 9.057 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 102839
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

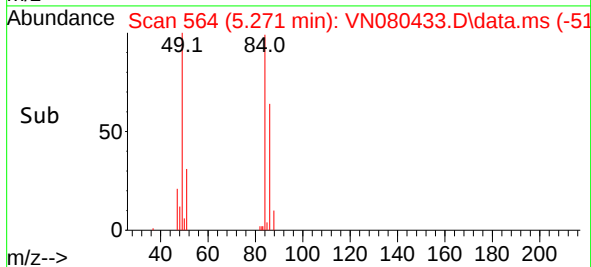
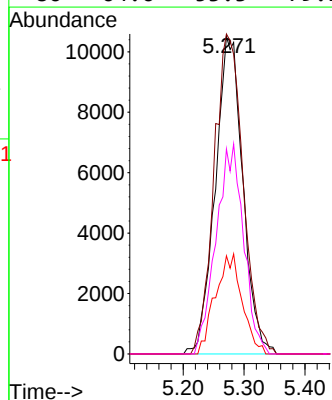
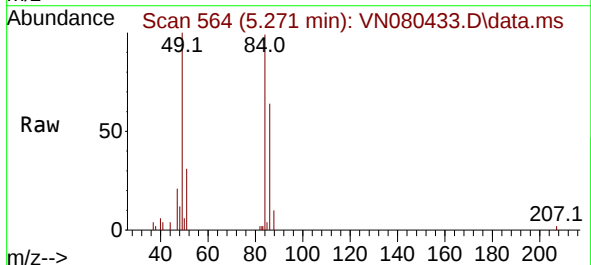
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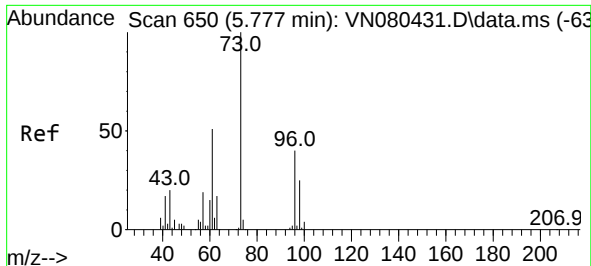
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 8.602 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 84 Resp: 33007
Ion Ratio Lower Upper
84 100
49 100.9 79.7 119.5
51 30.9 25.2 37.8
86 64.6 53.3 79.9





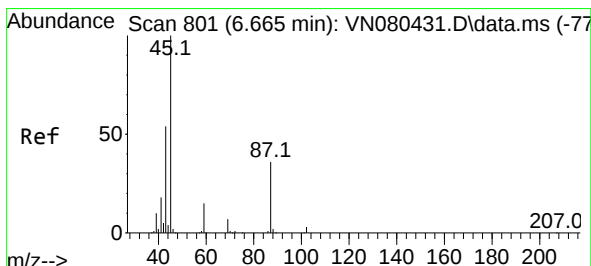
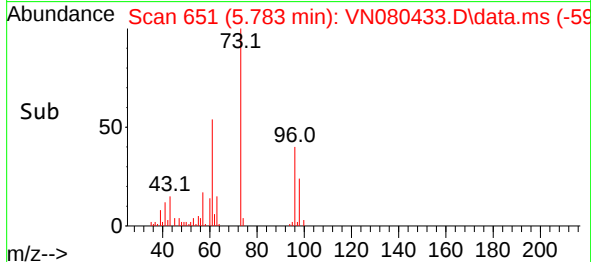
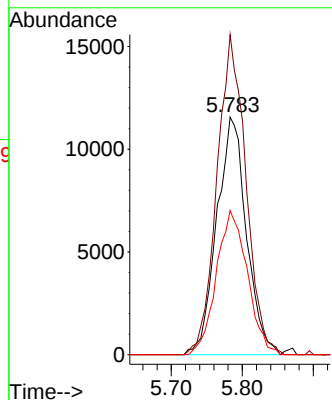
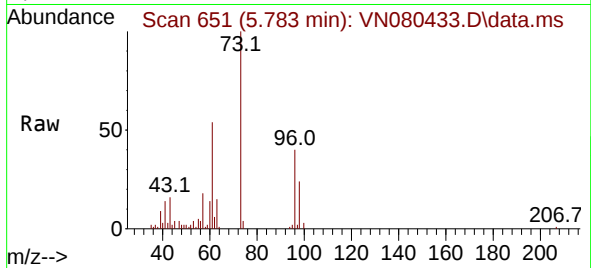
#21
trans-1,2-Dichloroethene
Concen: 9.093 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 33558
Ion Ratio Lower Upper
96 100
61 134.7 90.1 135.1
98 60.6 46.4 69.6

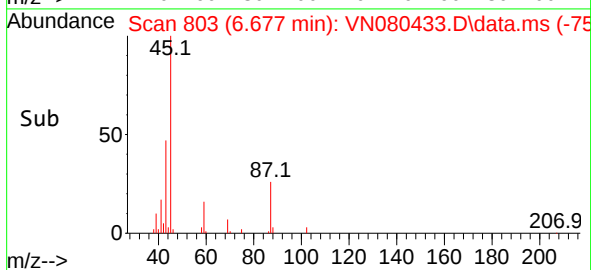
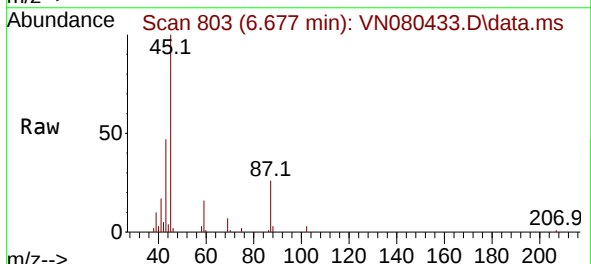
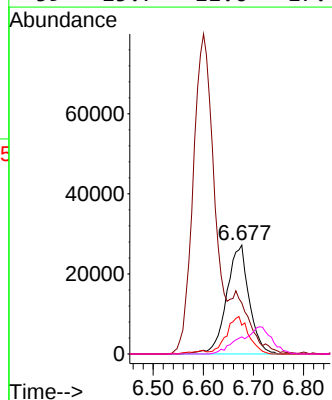
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#22
Diisopropyl ether
Concen: 9.316 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 45 Resp: 84669
Ion Ratio Lower Upper
45 100
43 44.8 45.5 68.3#
87 26.5 31.8 47.8#
59 15.7 11.6 17.4





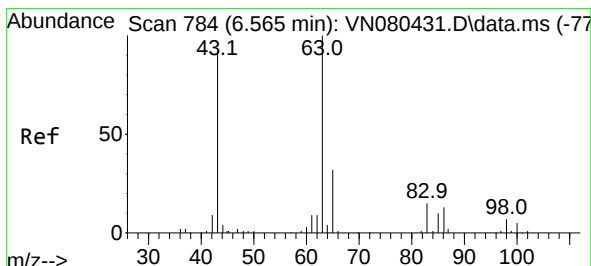
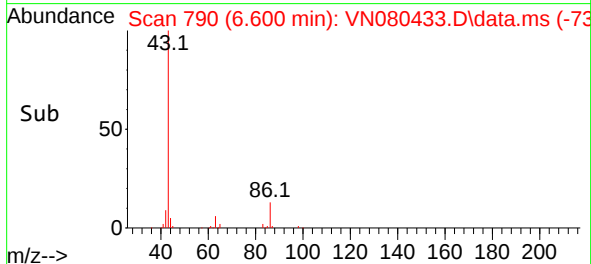
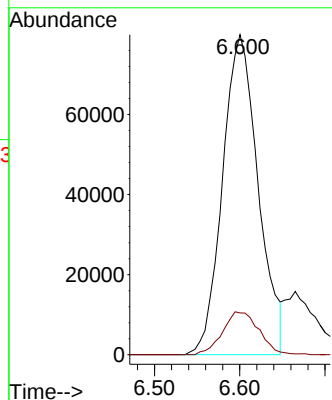
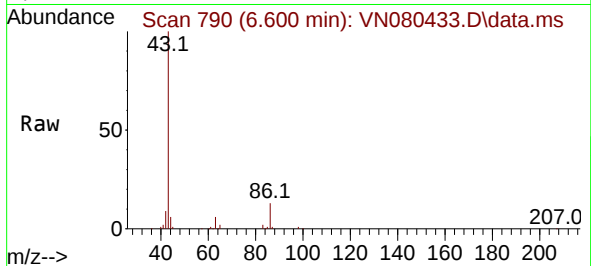
#23
 Vinyl Acetate
 Concen: 44.541 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 23249
 Ion Ratio Lower Upper
 43 100
 86 13.1 13.0 19.6

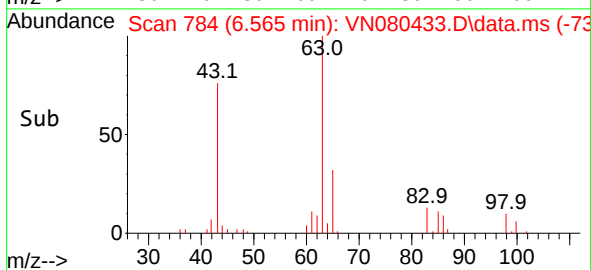
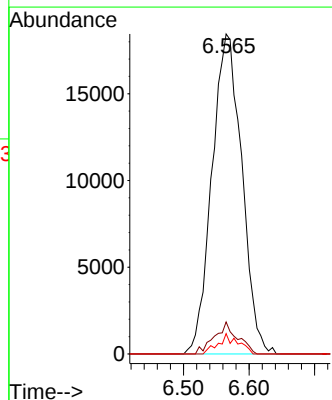
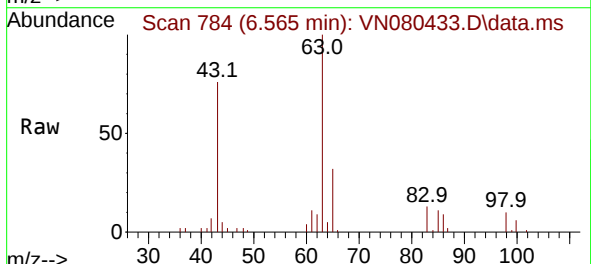
Manual Integrations
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Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 9.198 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

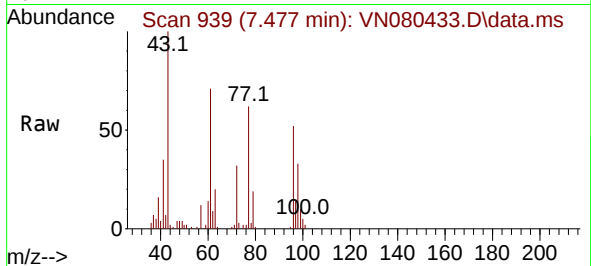
Tgt Ion: 63 Resp: 58323
 Ion Ratio Lower Upper
 63 100
 98 10.0 3.9 11.7
 100 6.3 2.5 7.4





#25
2-Butanone
Concen: 50.186 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

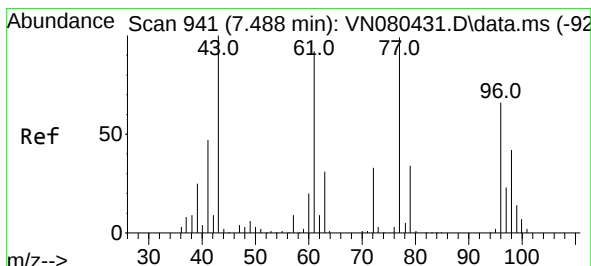
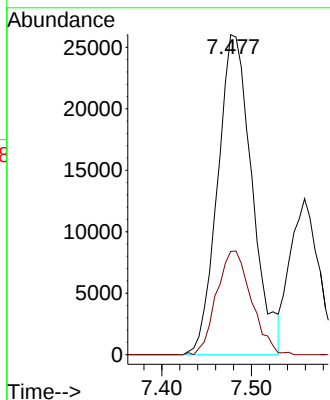
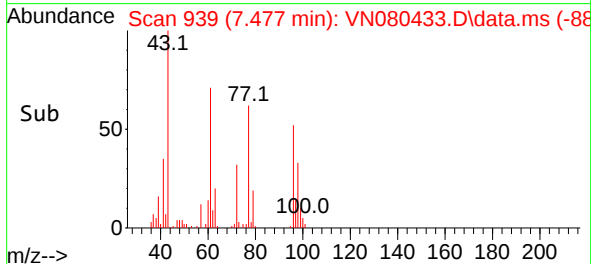
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 6931
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2

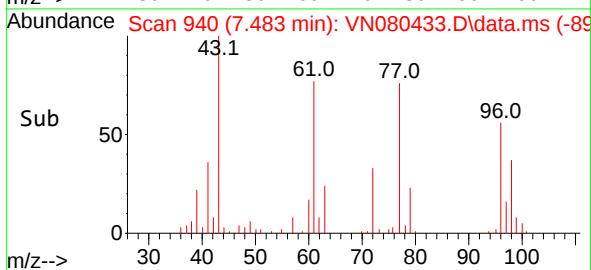
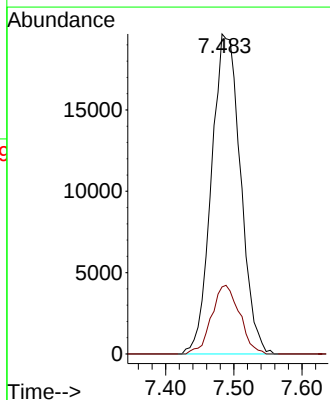
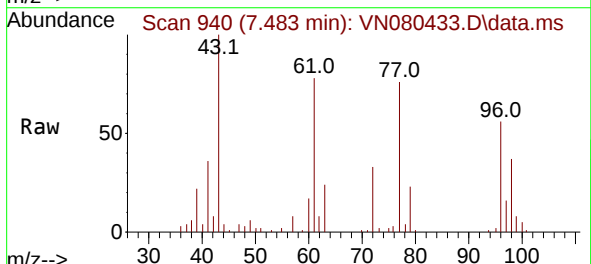
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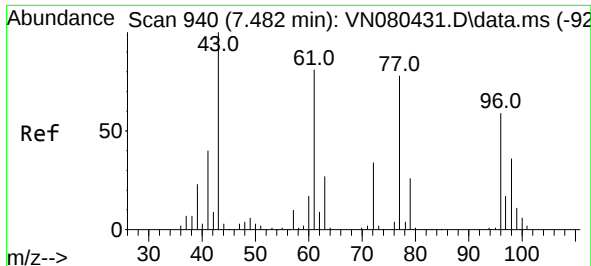
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 8.979 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 77 Resp: 58222
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





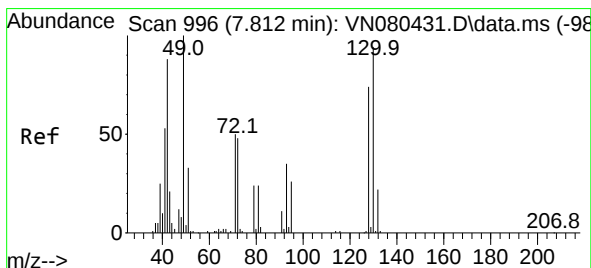
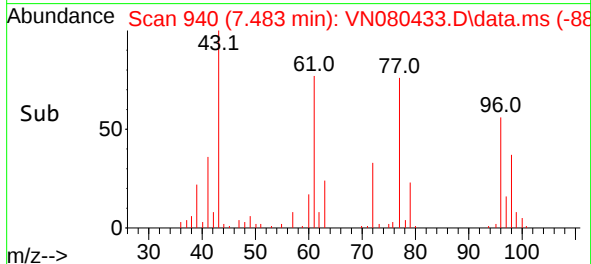
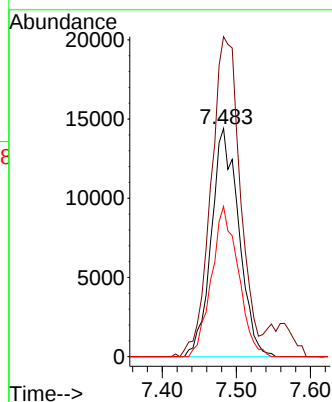
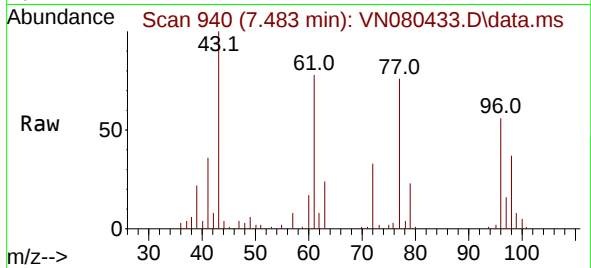
#27
 cis-1,2-Dichloroethene
 Concen: 8.860 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 37009
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 255.2
 98 64.3 0.0 128.8

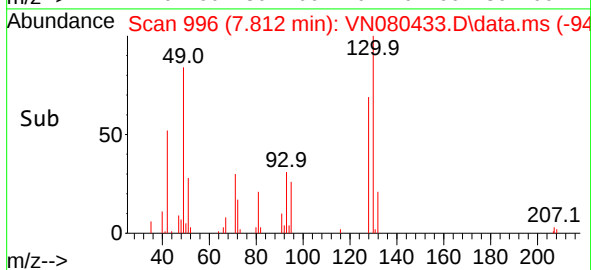
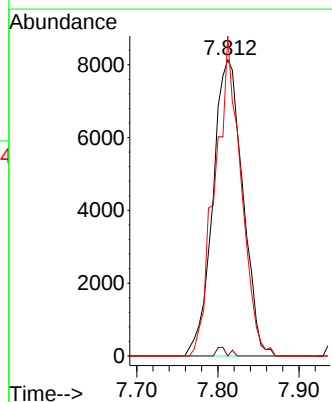
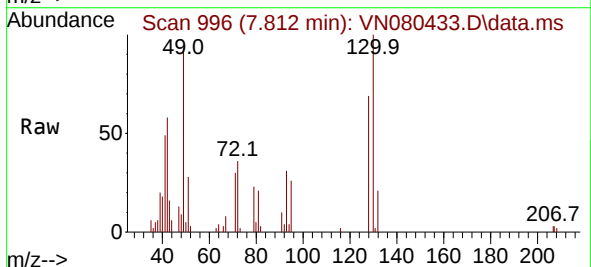
Manual Integrations
 APPROVED

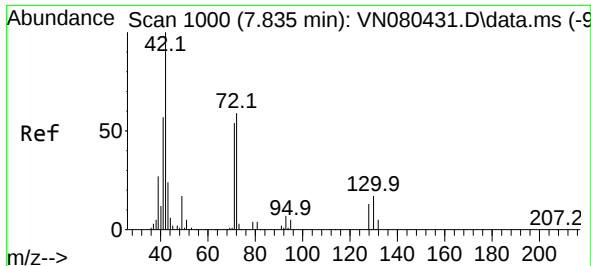
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 8.552 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Tgt Ion: 49 Resp: 20821
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 93.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 46.128 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

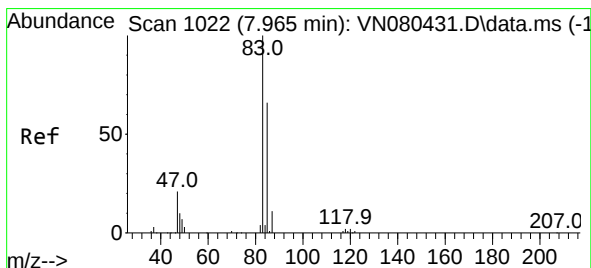
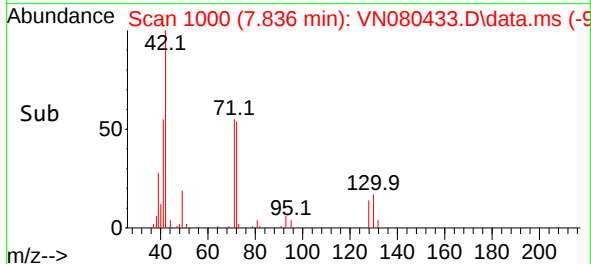
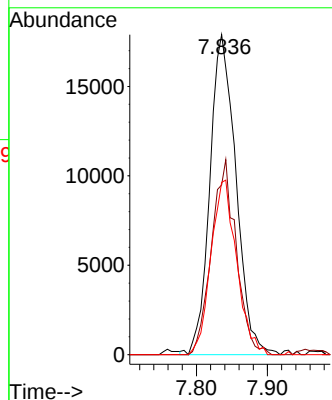
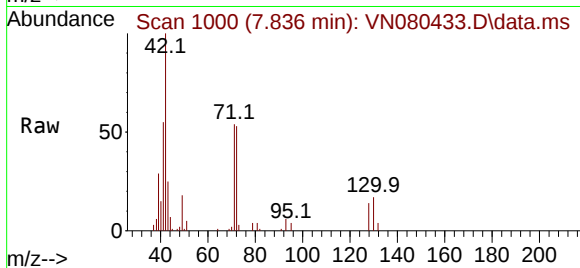
Tgt Ion:	42	Resp:	4562
Ion Ratio	Lower	Upper	
42	100		
72	57.6	49.8	74.6
71	53.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 9.075 ug/l

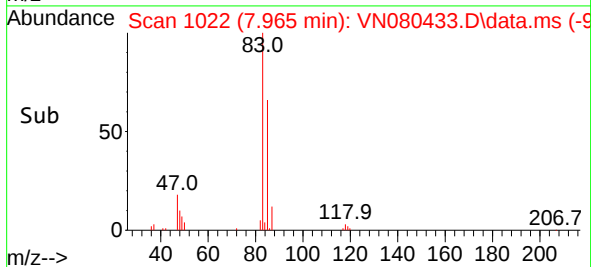
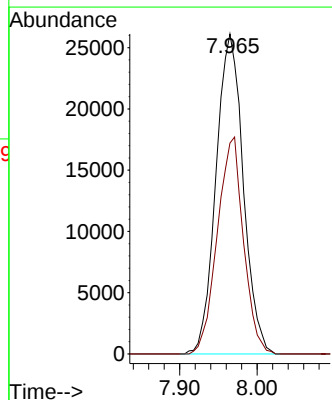
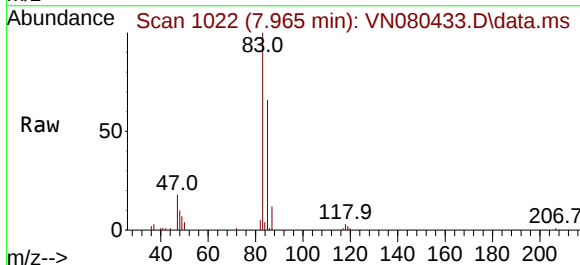
RT: 7.965 min Scan# 1022

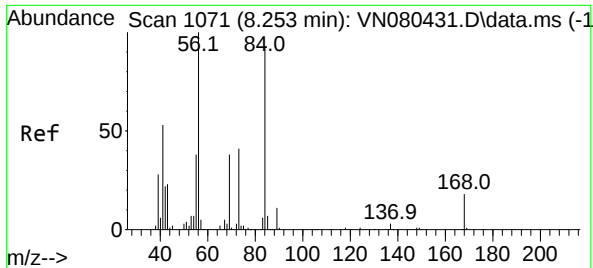
Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Tgt Ion:	83	Resp:	63872
Ion Ratio	Lower	Upper	
83	100		
85	65.9	55.4	83.0





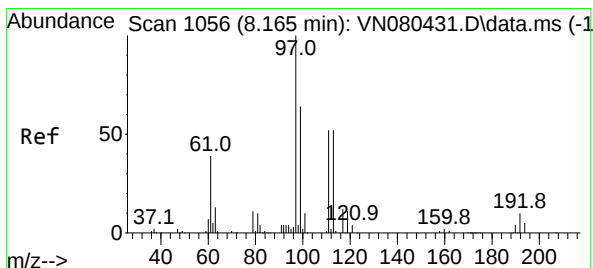
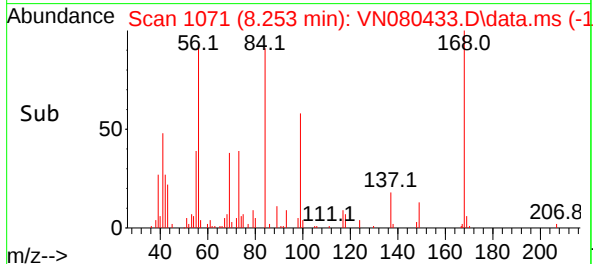
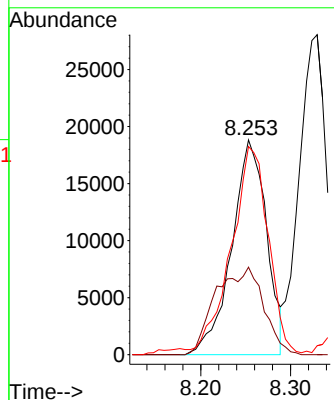
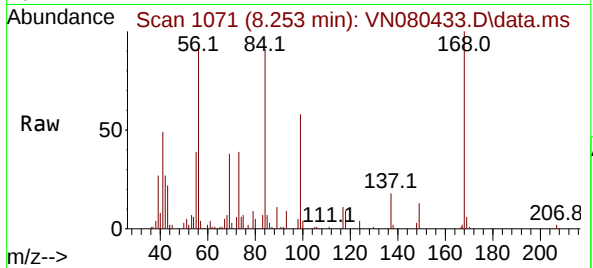
#31
Cyclohexane
Concen: 9.224 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 5072
Ion Ratio Lower Upper
56 100
69 40.8 26.8 40.2
84 94.1 81.8 122.6

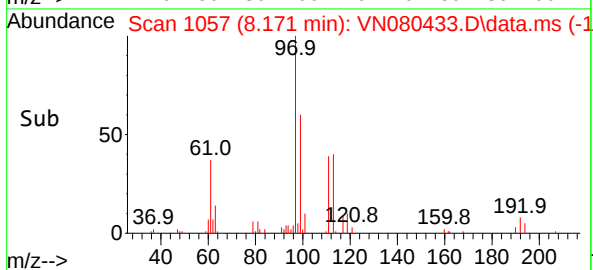
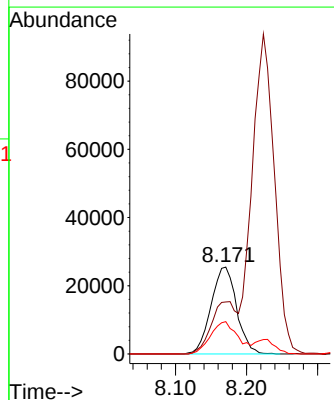
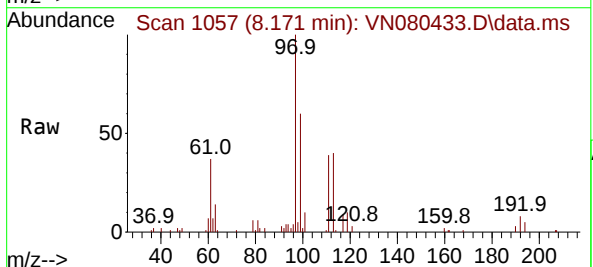
Manual Integrations
APPROVED

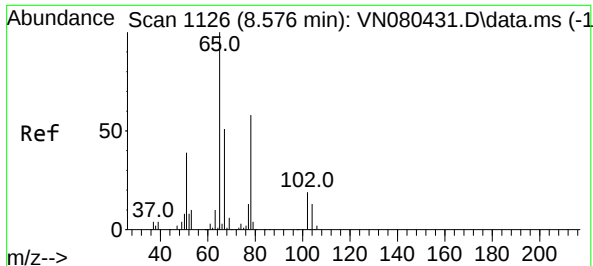
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 9.223 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 97 Resp: 63561
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 40.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 8.175 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 3305

Ion Ratio Lower Upper

65 100

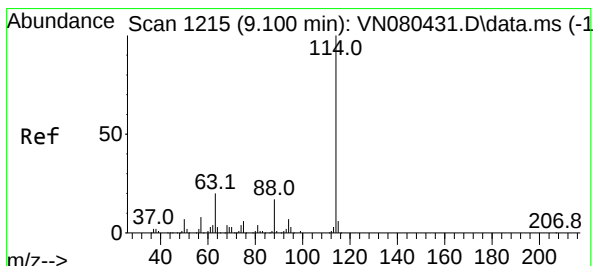
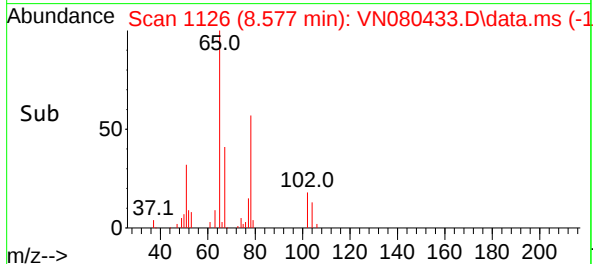
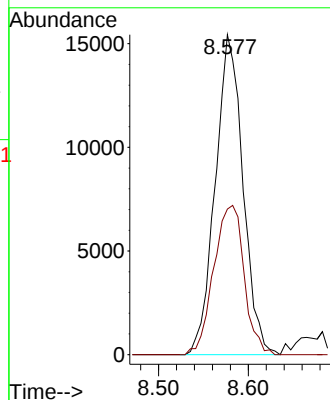
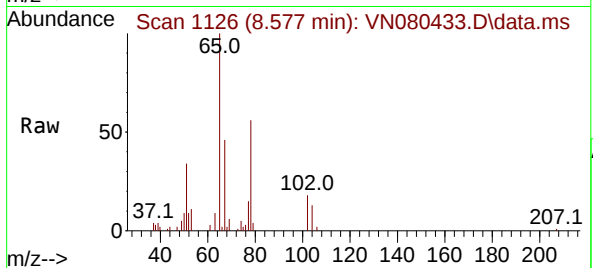
67 51.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

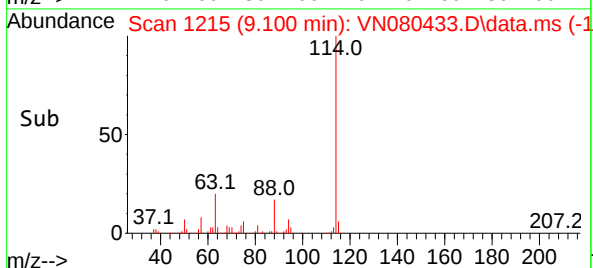
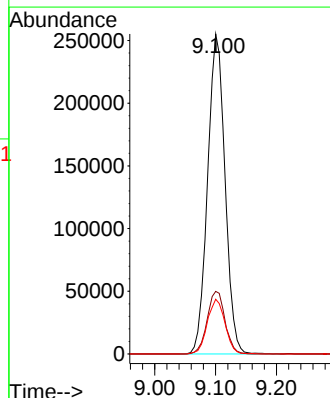
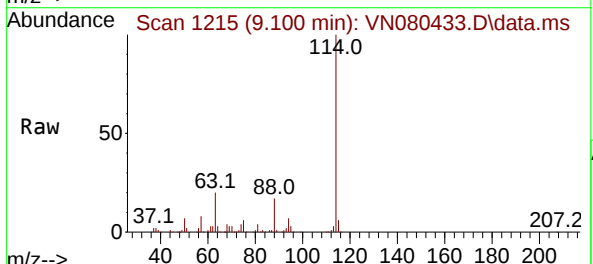
Tgt Ion:114 Resp: 507536

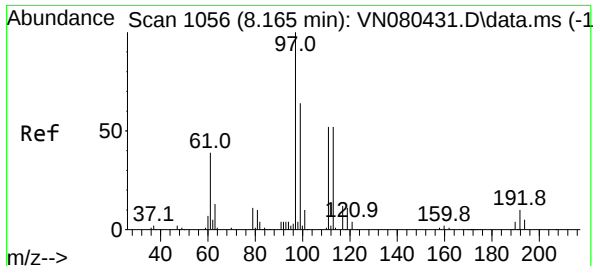
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

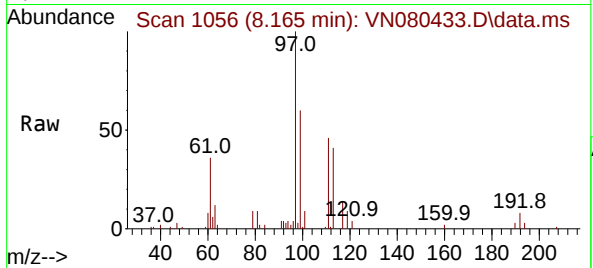
88 17.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 7.866 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

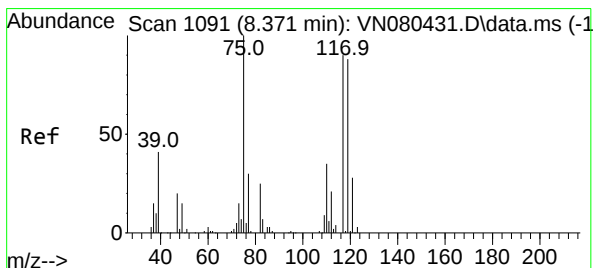
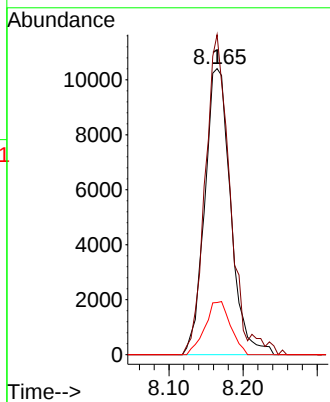
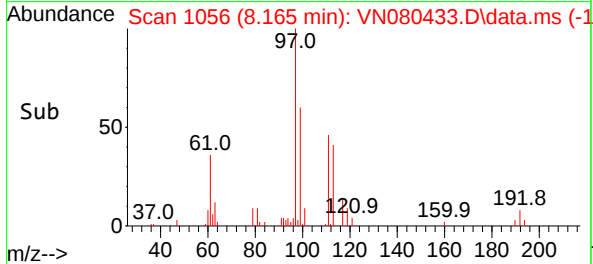
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 113 Resp: 2531
Ion Ratio Lower Upper
113 100
111 107.2 82.6 123.8
192 18.2 12.7 19.1

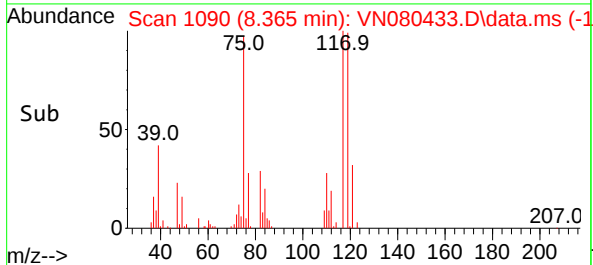
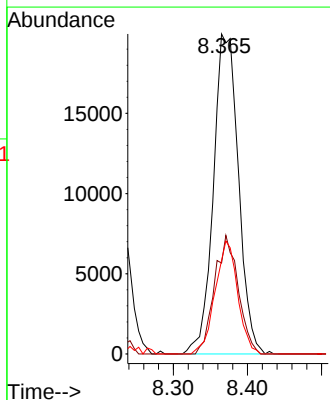
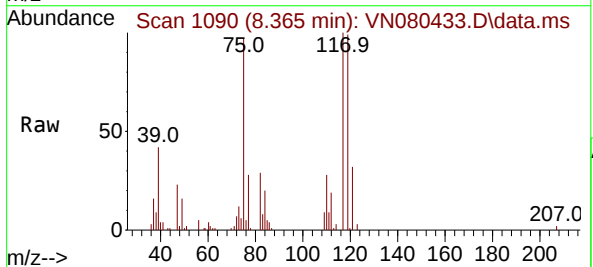
Manual Integrations
APPROVED

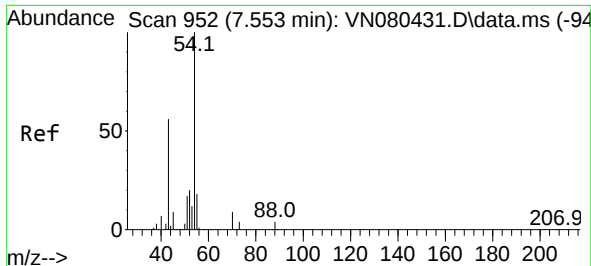
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#36
1,1-Dichloropropene
Concen: 8.910 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 75 Resp: 46880
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 31.8 25.0 37.4





#37

Ethyl Acetate

Concen: 9.058 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

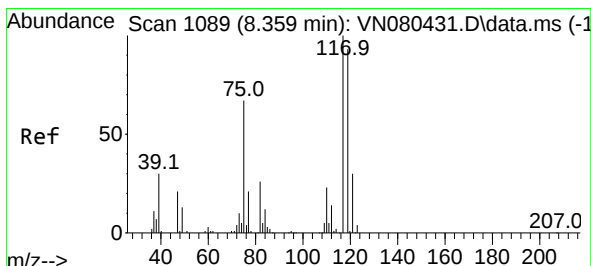
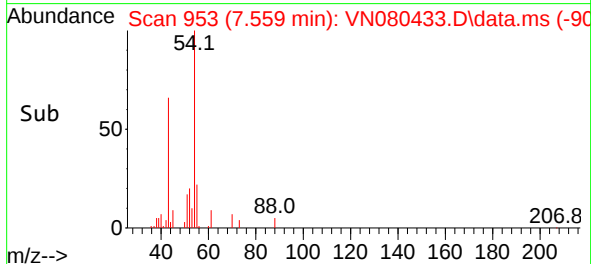
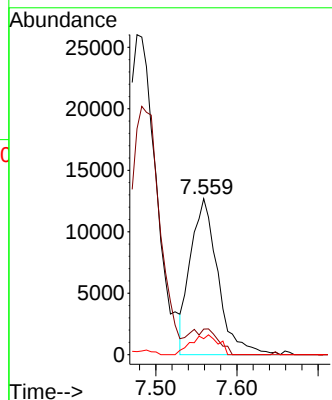
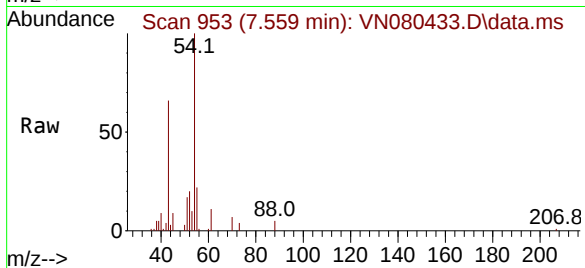
Tgt Ion:	43	Resp:	2984
Ion Ratio	Lower	Upper	
43	100		
61	0.0	13.2	19.8
70	12.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#38

Carbon Tetrachloride

Concen: 8.625 ug/l

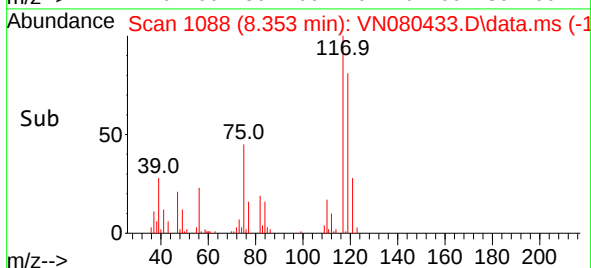
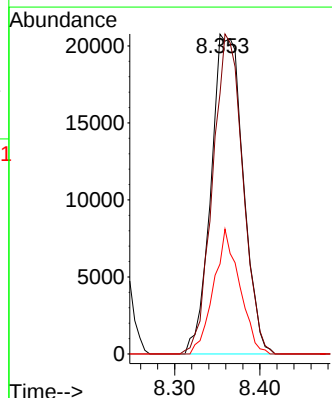
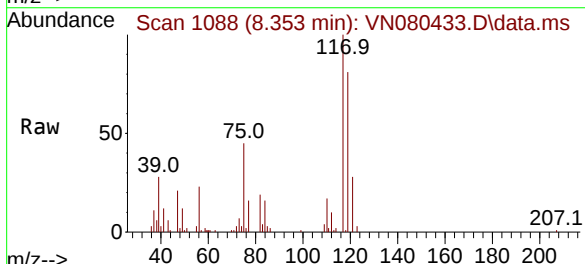
RT: 8.353 min Scan# 1088

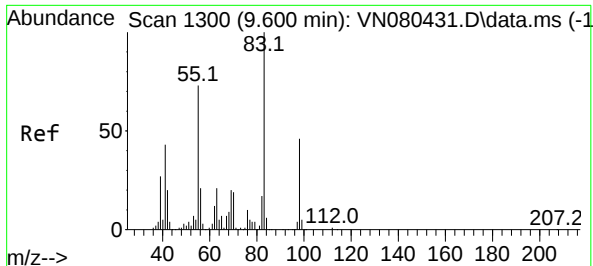
Delta R.T. -0.006 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Tgt Ion:	117	Resp:	54224
Ion Ratio	Lower	Upper	
117	100		
119	81.5	77.3	115.9
121	28.2	23.3	34.9





#39

Methylcyclohexane

Concen: 8.787 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

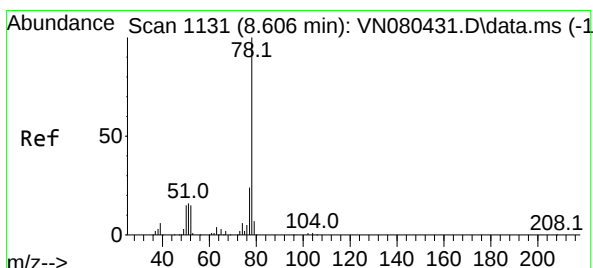
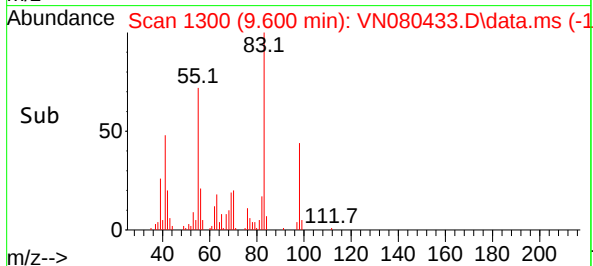
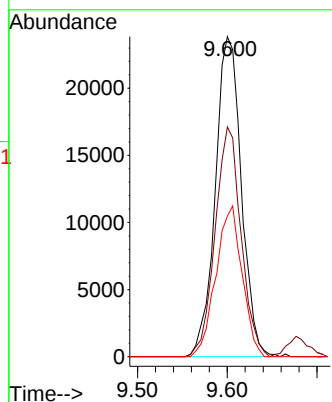
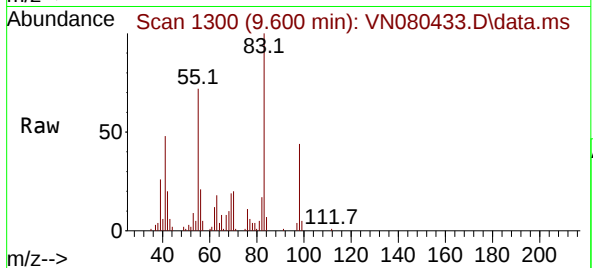
Tgt Ion: 83	Resp: 48030
Ion Ratio	Lower Upper
83	100
55	71.8 49.1 73.7
98	43.9 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#40

Benzene

Concen: 8.965 ug/l

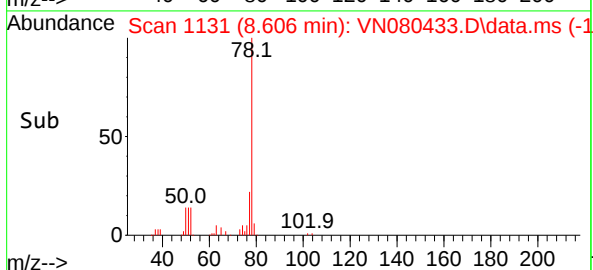
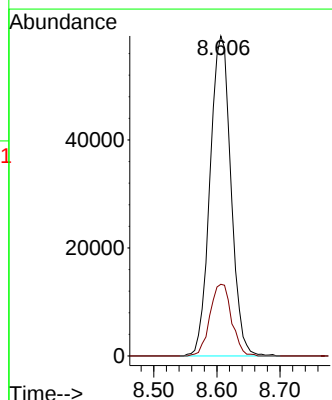
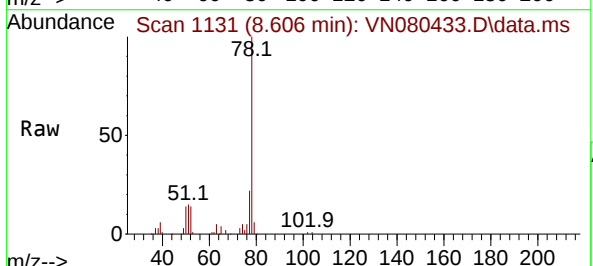
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

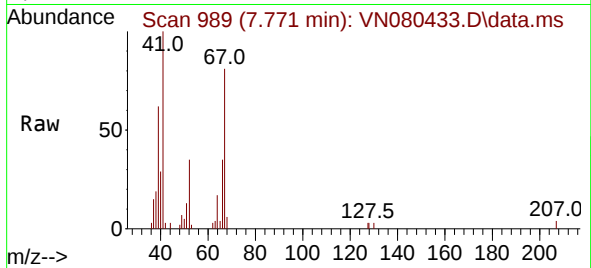
Tgt Ion: 78	Resp: 136206
Ion Ratio	Lower Upper
78	100
77	22.4 19.0 28.6





#41
Methacrylonitrile
Concen: 8.963 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

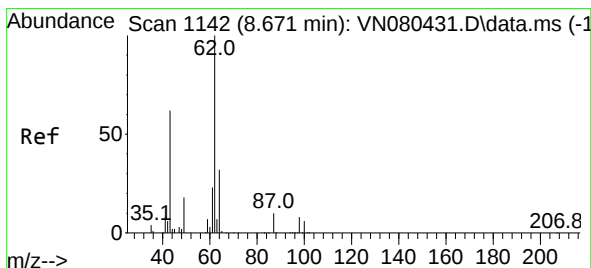
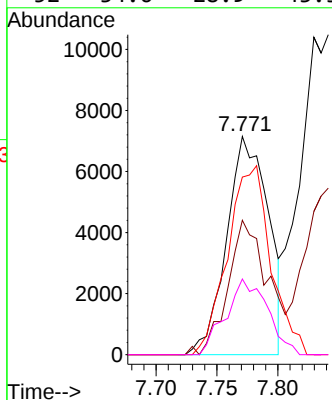
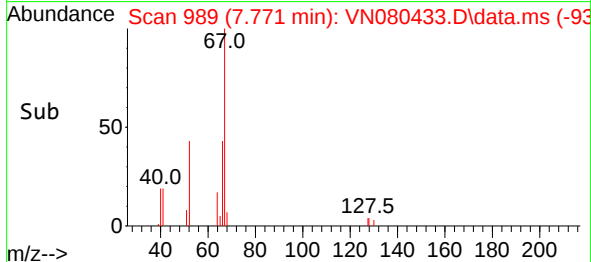
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



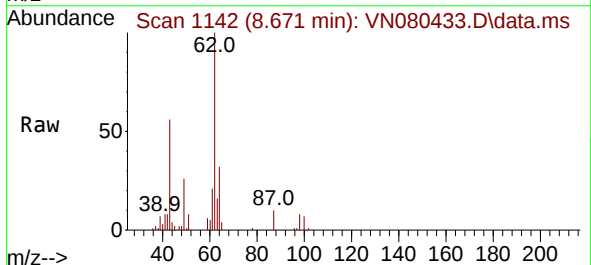
Tgt Ion: 41 Resp: 17020
Ion Ratio Lower Upper
41 100
39 59.3 42.6 64.0
67 89.5 77.5 116.3
52 34.6 28.9 43.3

Manual Integrations
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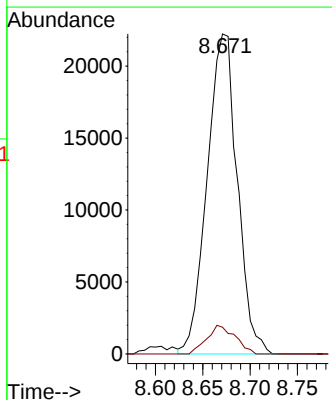
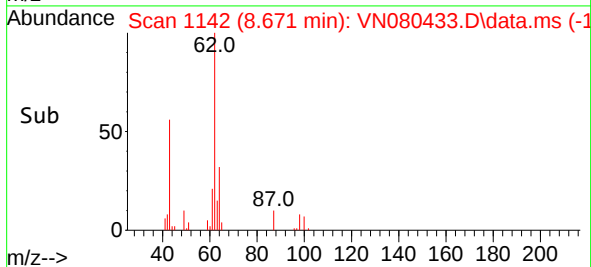
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

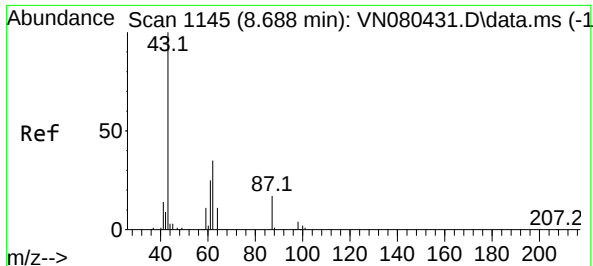


#42
1,2-Dichloroethane
Concen: 8.762 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20



Tgt Ion: 62 Resp: 49300
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





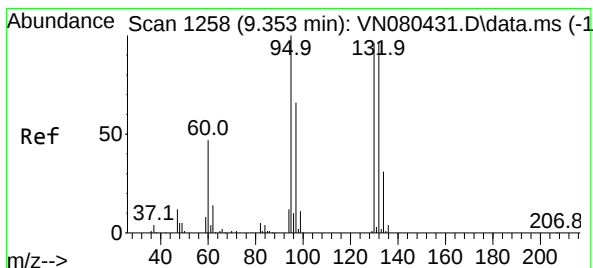
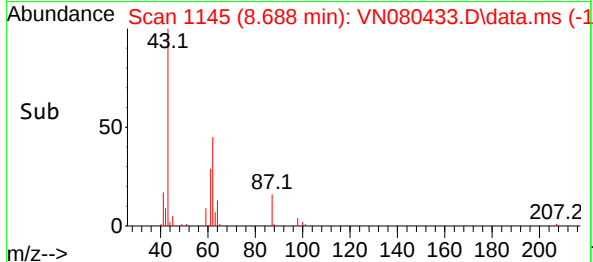
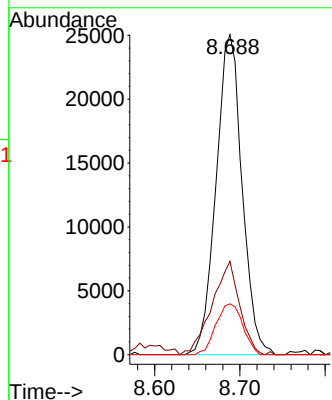
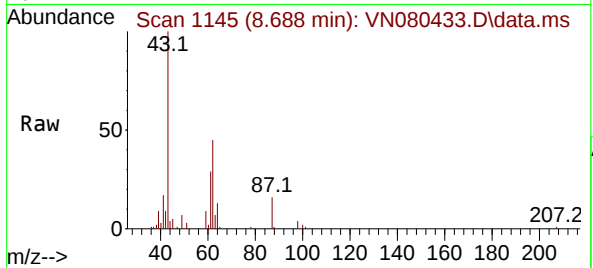
#43
Isopropyl Acetate
Concen: 8.968 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5313
Ion Ratio Lower Upper
43 100
61 30.9 24.7 37.1
87 16.4 14.6 21.8

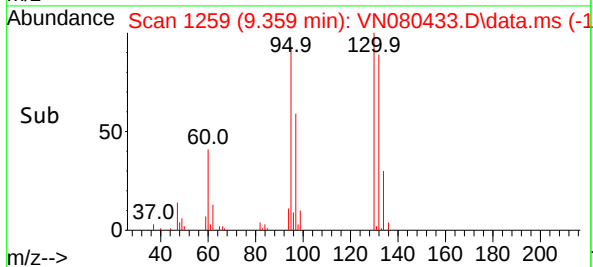
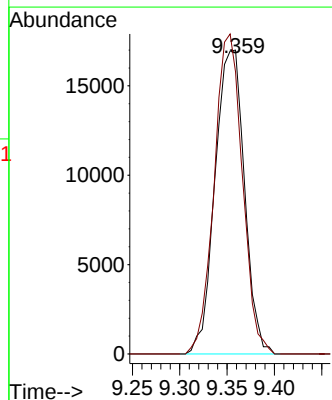
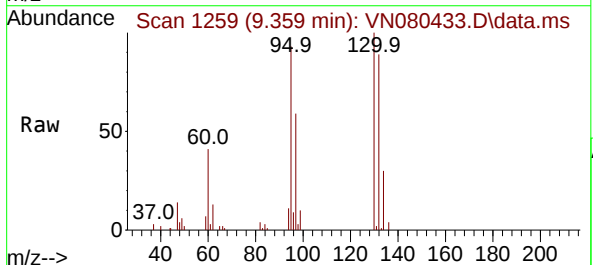
Manual Integrations
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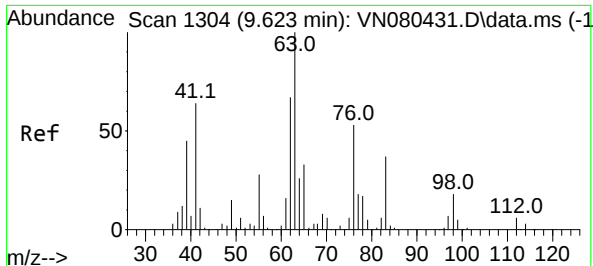
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#44
Trichloroethene
Concen: 8.980 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:130 Resp: 36783
Ion Ratio Lower Upper
130 100
95 92.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 9.094 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 3245

Ion Ratio Lower Upper

63 100

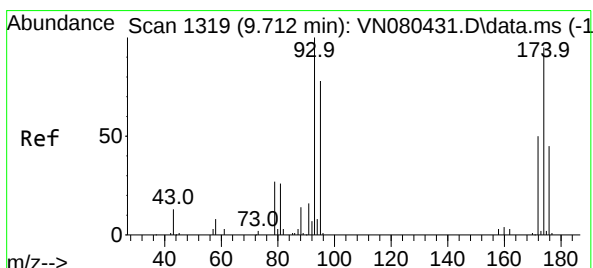
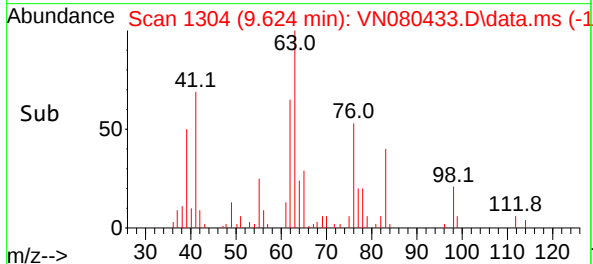
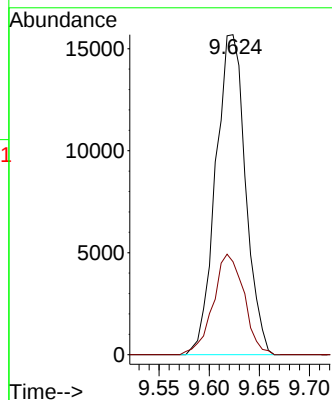
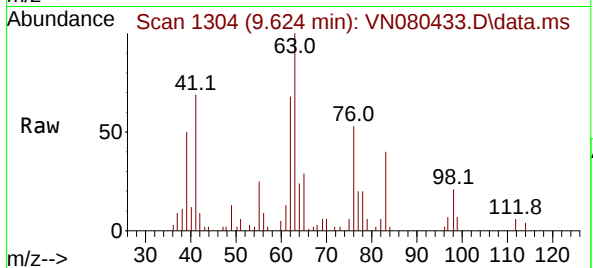
65 29.1 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 8.854 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

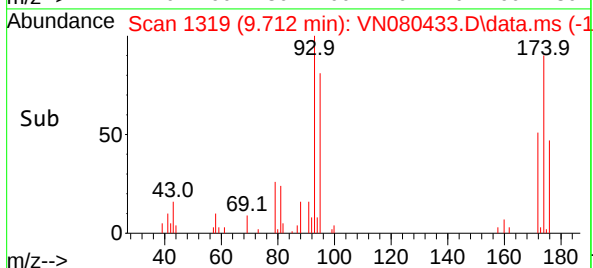
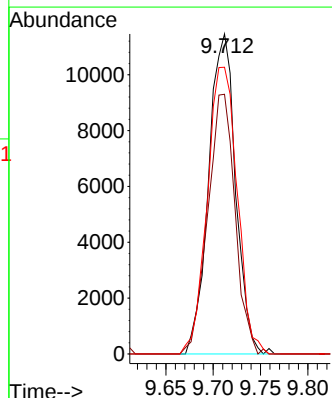
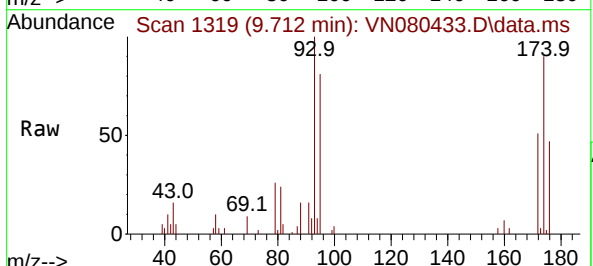
Tgt Ion: 93 Resp: 22691

Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

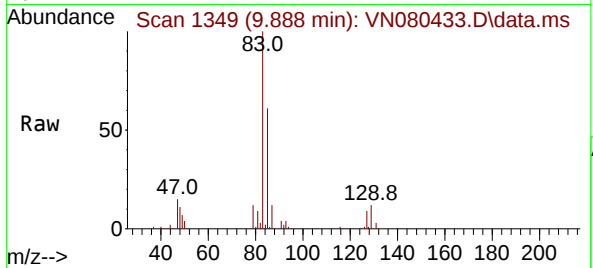
174 99.3 65.6 98.4#





#47
Bromodichloromethane
Concen: 9.006 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

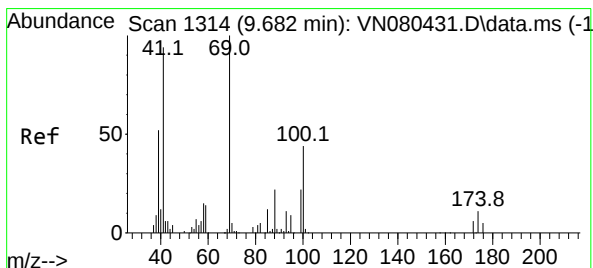
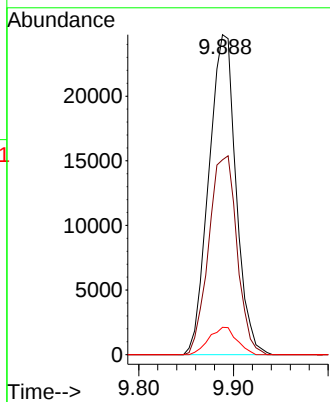
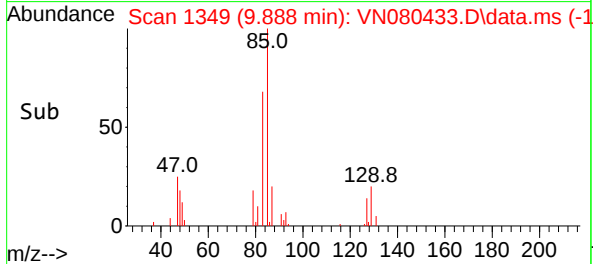
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 4946
Ion Ratio Lower Upper
83 100
85 60.9 49.6 74.4
127 8.5 7.0 10.6

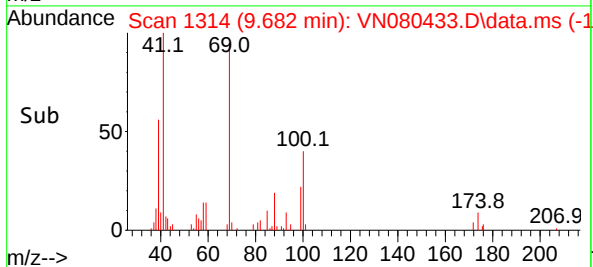
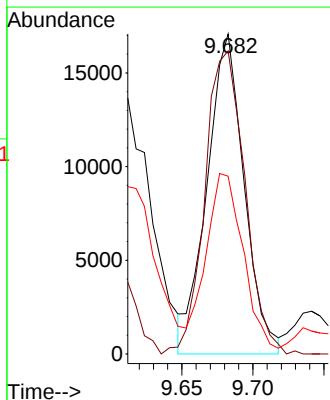
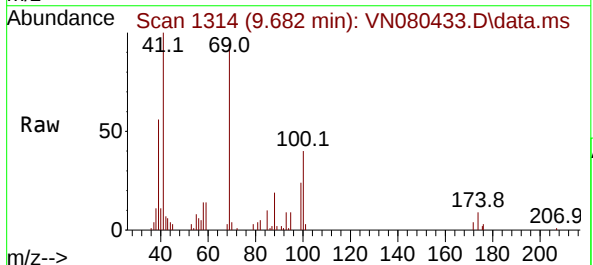
Manual Integrations
APPROVED

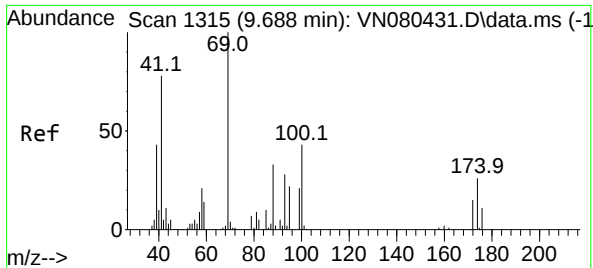
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 8.790 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 41 Resp: 31077
Ion Ratio Lower Upper
41 100
69 101.7 90.4 135.6
39 57.0 54.6 81.8





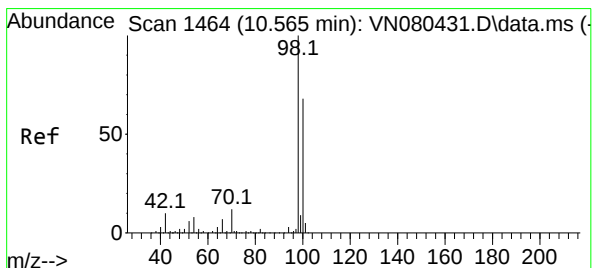
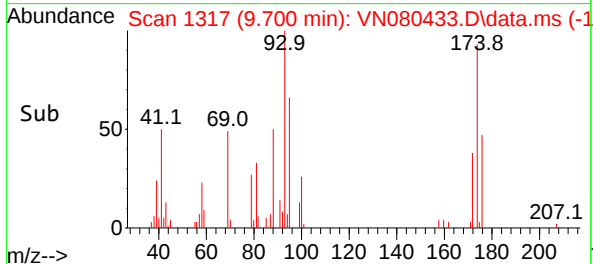
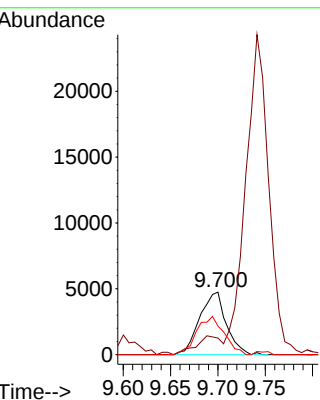
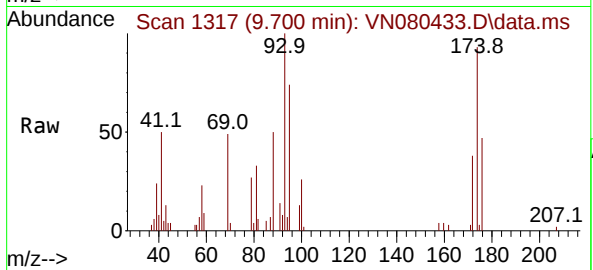
#49
1,4-Dioxane
Concen: 174.170 ug/l
RT: 9.700 min Scan# 1315
Delta R.T. 0.012 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 9338
Ion Ratio Lower Upper
88 100
43 28.5 17.0 25.6
58 62.9 47.0 70.4

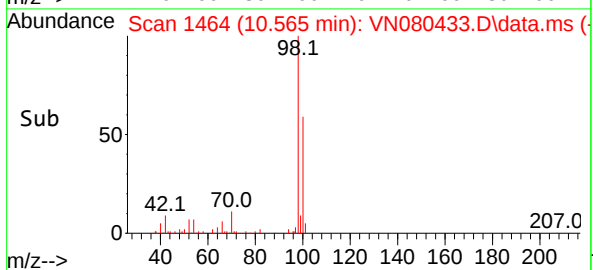
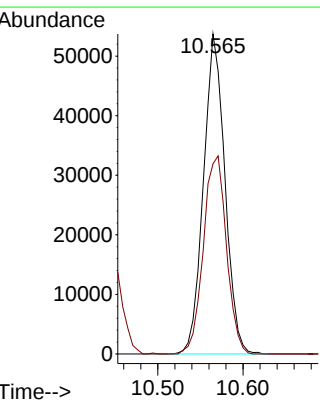
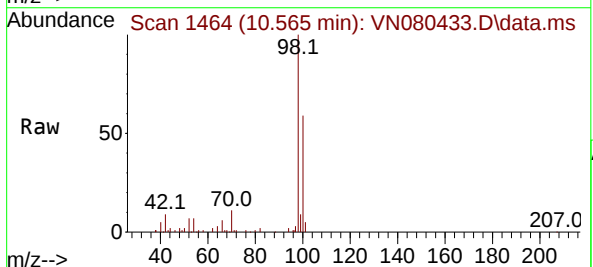
Manual Integrations
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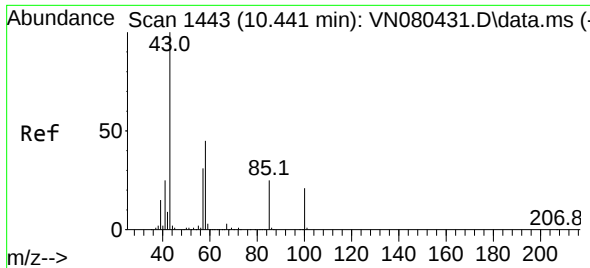
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#50
Toluene-d8
Concen: 7.819 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

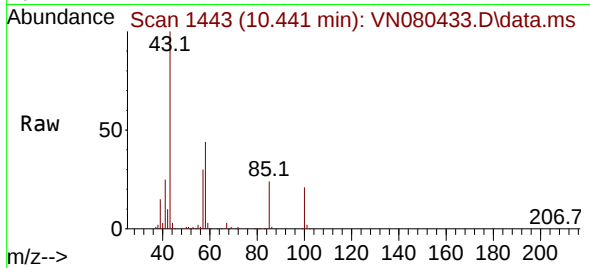
Tgt Ion: 98 Resp: 93837
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 46.181 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

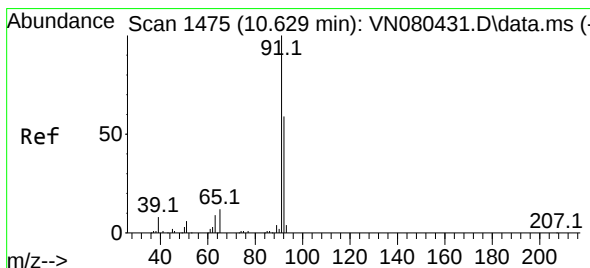
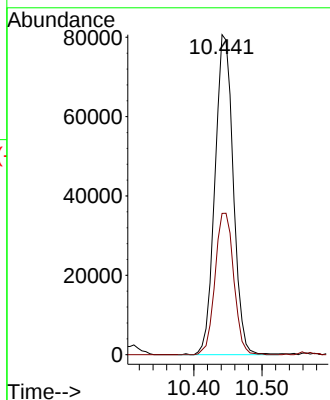
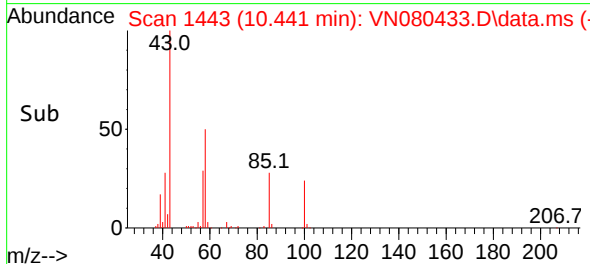
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



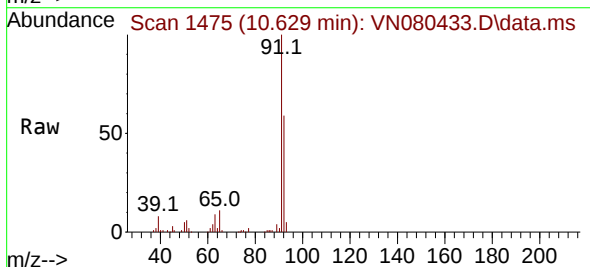
Tgt Ion: 43 Resp: 150679
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

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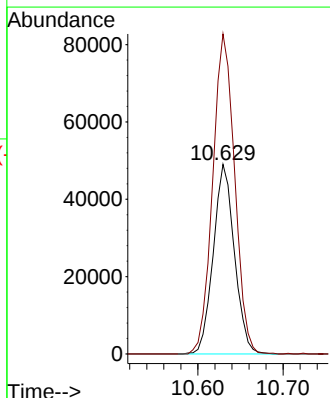
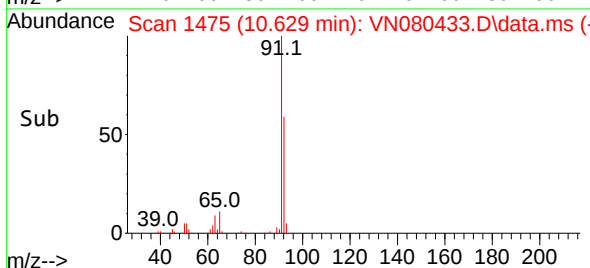
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

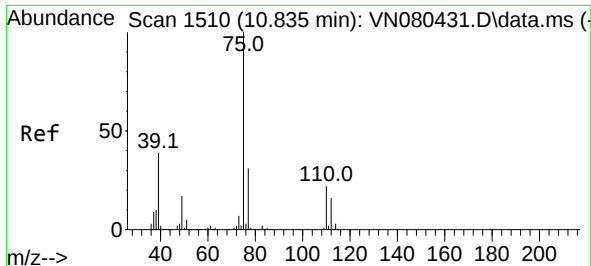


#52
Toluene
Concen: 8.813 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20



Tgt Ion: 92 Resp: 84588
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





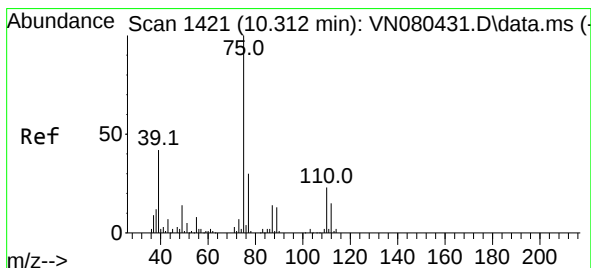
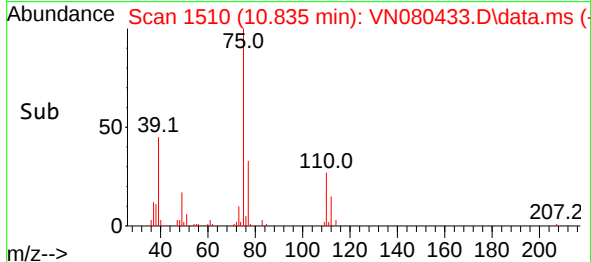
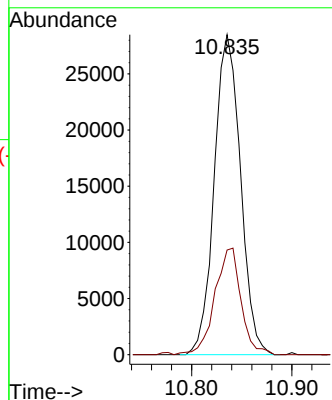
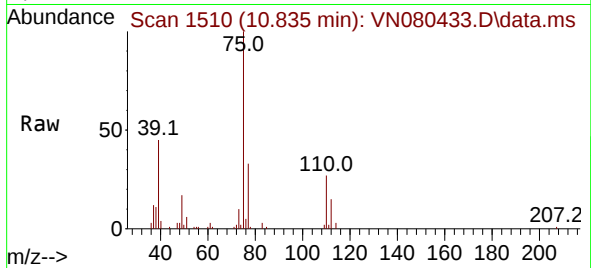
#53
 t-1,3-Dichloropropene
 Concen: 8.716 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 51794
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0

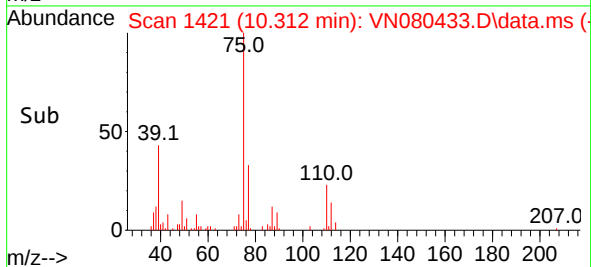
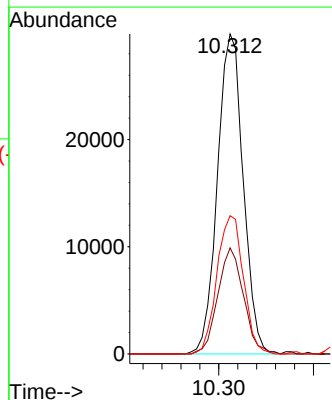
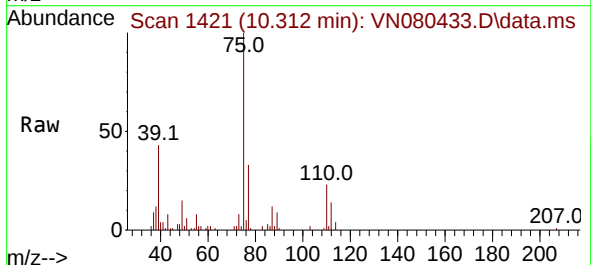
Manual Integrations
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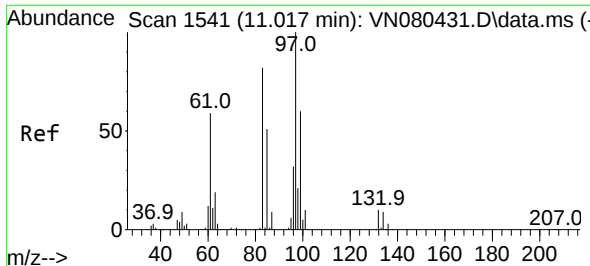
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 8.880 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

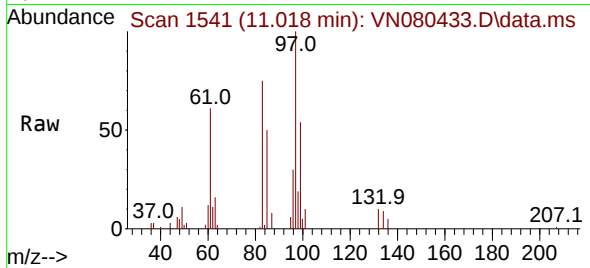
Tgt Ion: 75 Resp: 56401
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.1 39.1
 39 43.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 9.203 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

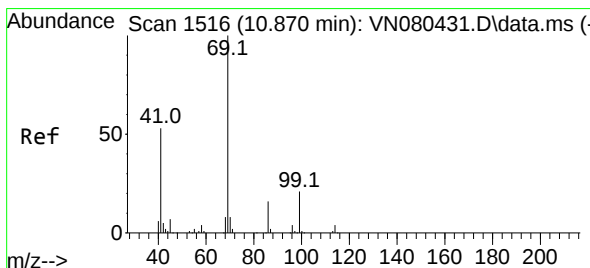
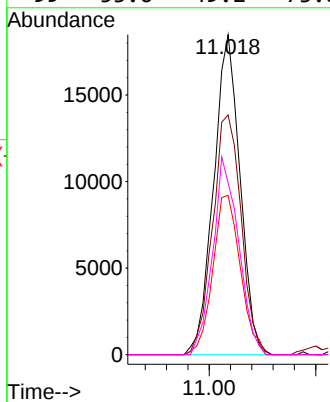
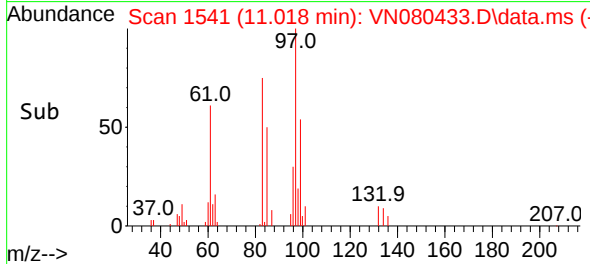
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 97	Resp: 3178
Ion Ratio	Lower Upper
97 100	
83 74.9	65.1 97.7
85 49.8	43.4 65.2
99 53.6	49.2 73.8

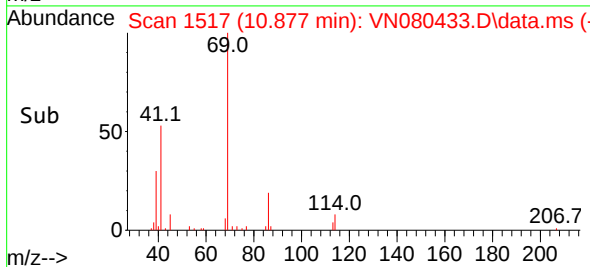
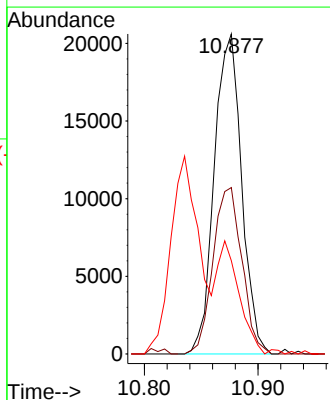
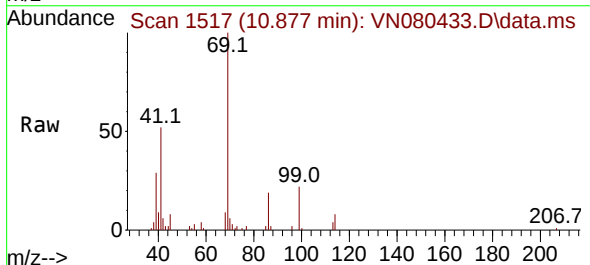
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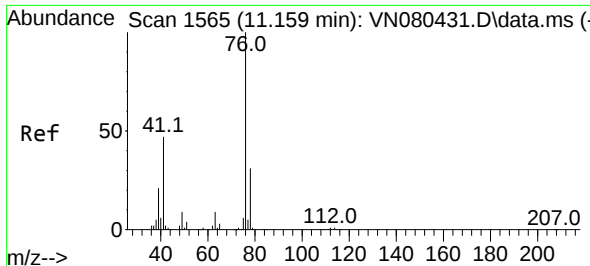
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#56
Ethyl methacrylate
Concen: 9.007 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 69	Resp: 34439
Ion Ratio	Lower Upper
69 100	
41 55.0	39.6 59.4
39 28.8	28.6 43.0





#57

1,3-Dichloropropane

Concen: 8.987 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 5441

Ion Ratio Lower Upper

76 100

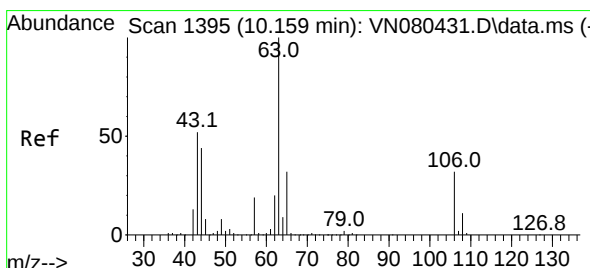
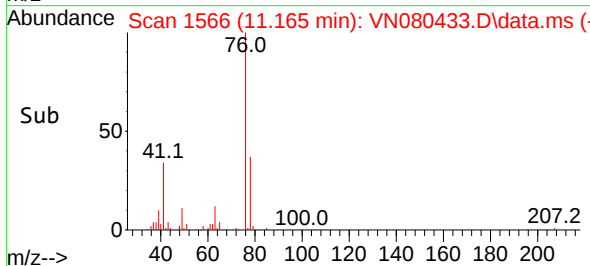
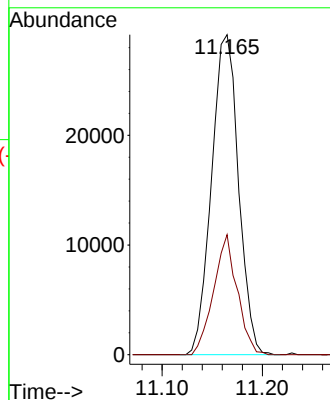
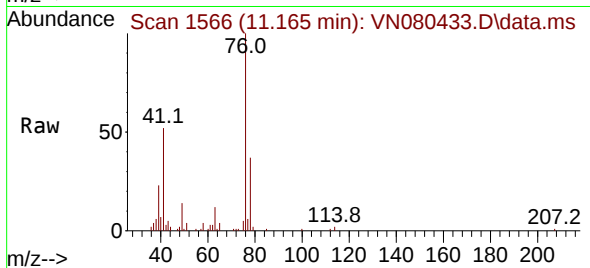
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 45.766 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080433.D

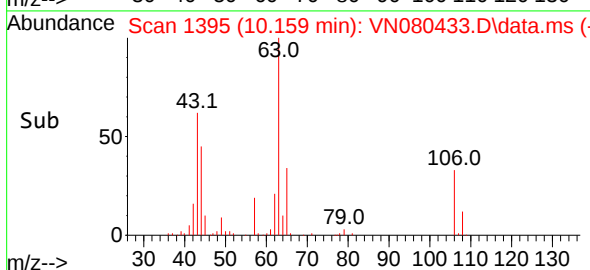
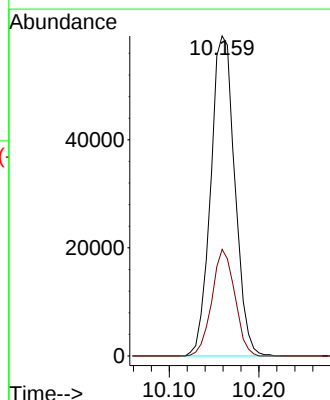
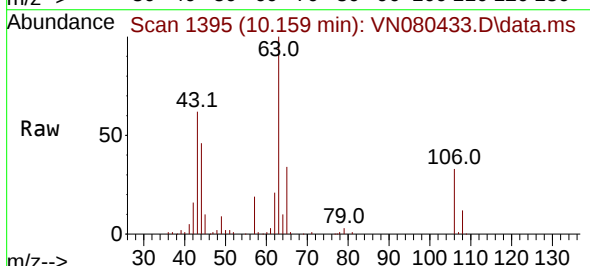
Acq: 12 Dec 2023 11:20

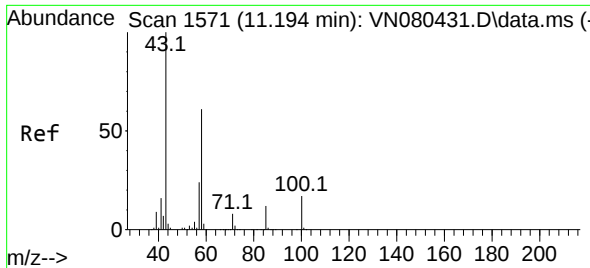
Tgt Ion: 63 Resp: 110476

Ion Ratio Lower Upper

63 100

106 31.6 26.2 39.4





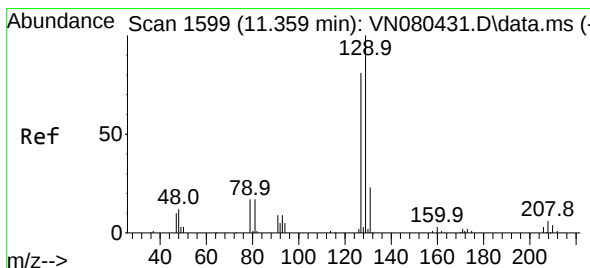
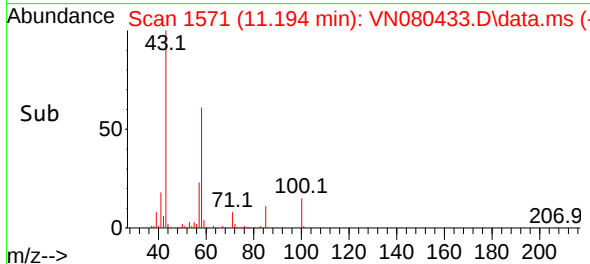
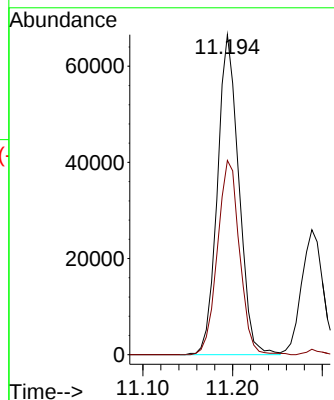
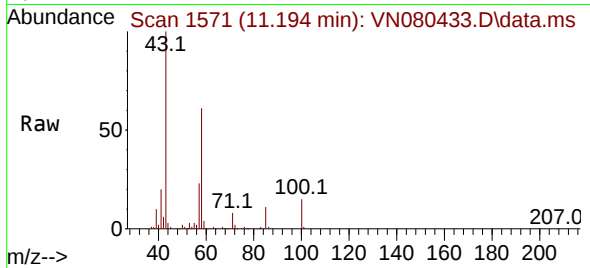
#59
2-Hexanone
Concen: 45.665 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 109992
Ion Ratio Lower Upper
43 100
58 62.7 31.7 95.1

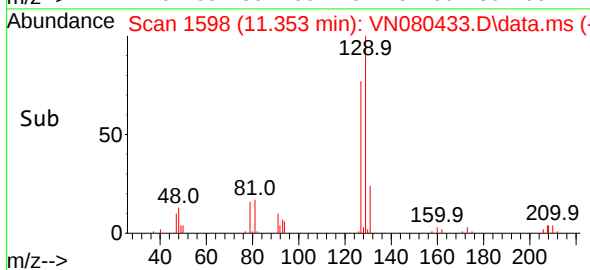
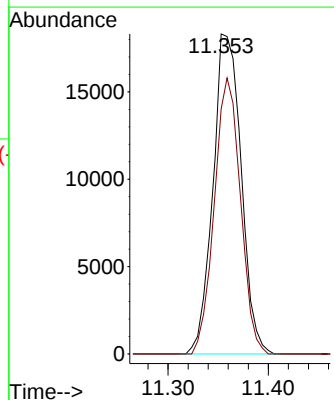
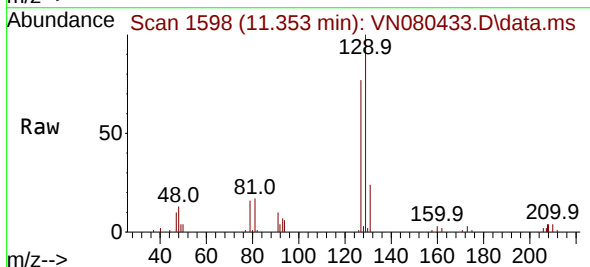
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 8.747 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:129 Resp: 35796
Ion Ratio Lower Upper
129 100
127 79.8 38.6 116.0





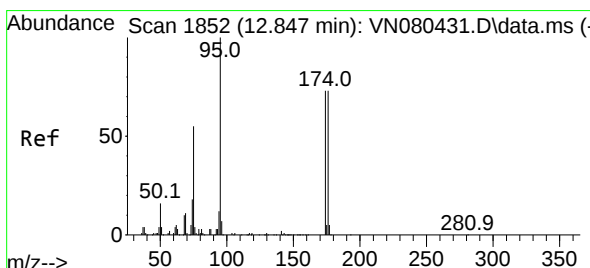
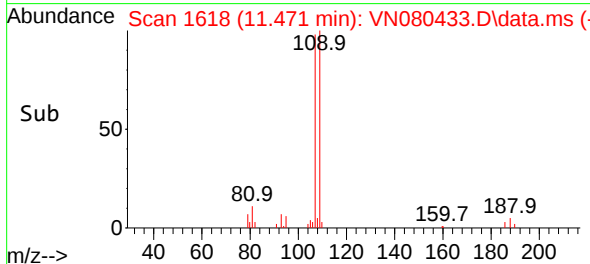
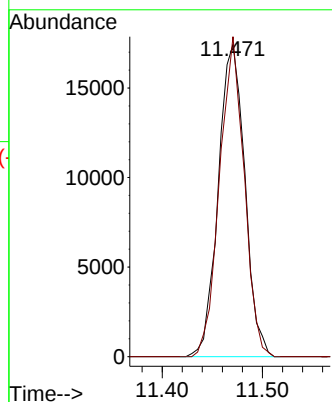
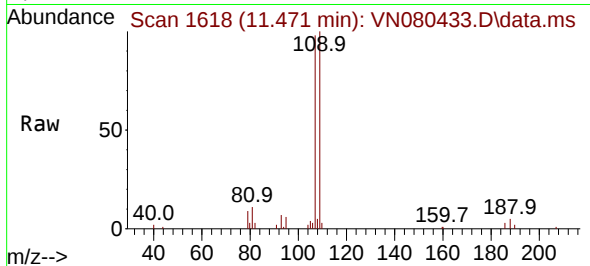
#61
1,2-Dibromoethane
Concen: 8.980 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 3209
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

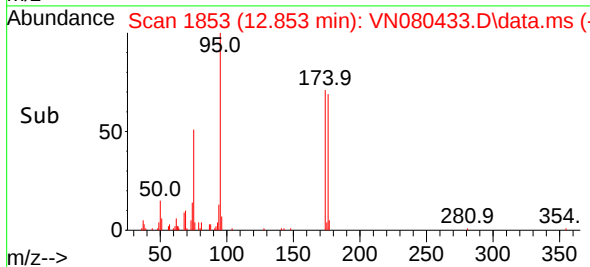
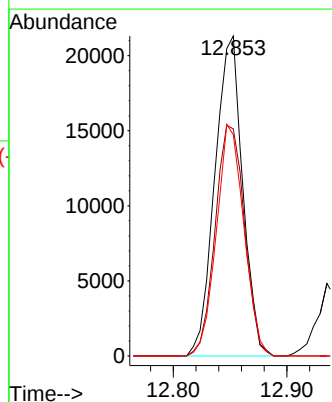
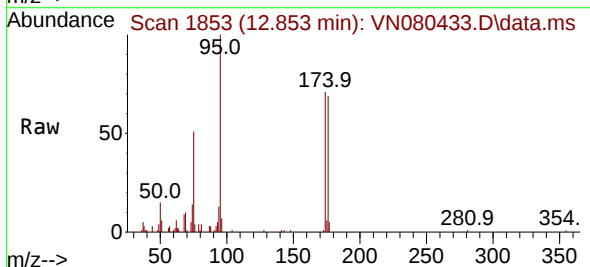
Manual Integrations
APPROVED

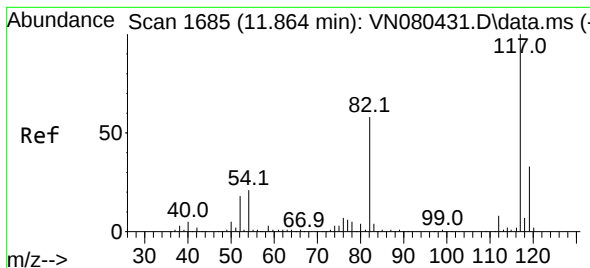
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#62
4-Bromofluorobenzene
Concen: 7.946 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

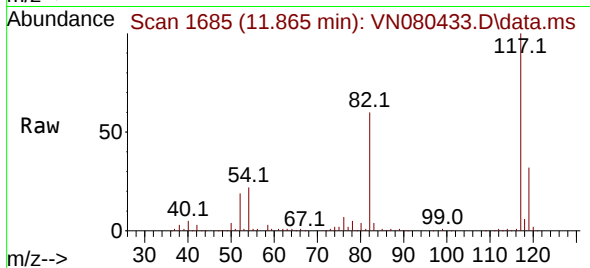
Tgt Ion: 95 Resp: 36210
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

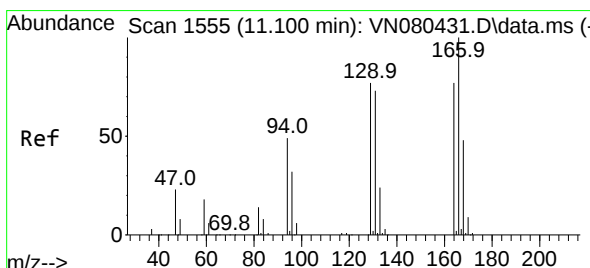
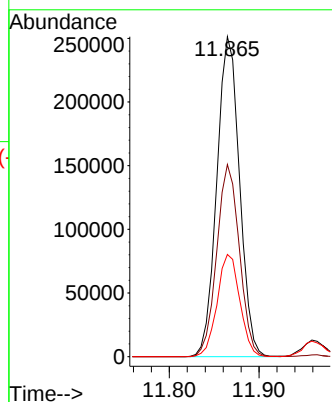
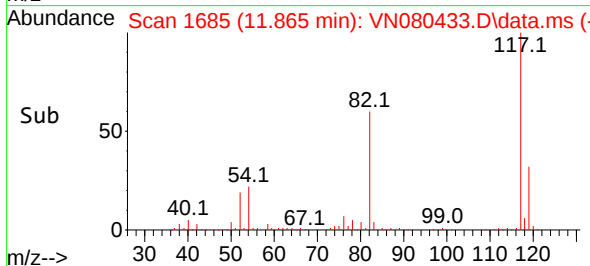
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



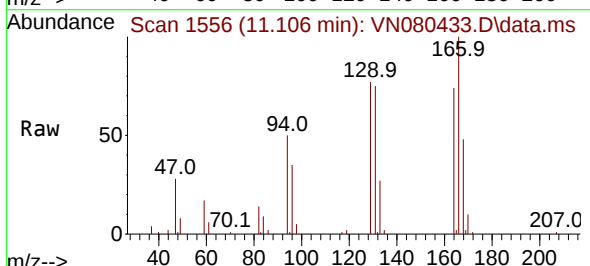
Tgt Ion:117 Resp: 442507
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 31.9 25.6 38.4

Manual Integrations
APPROVED

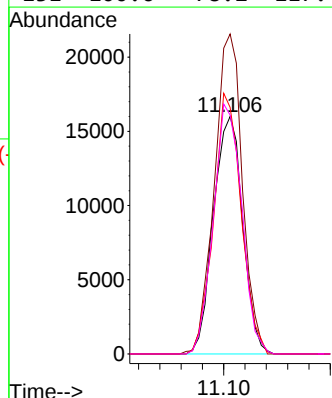
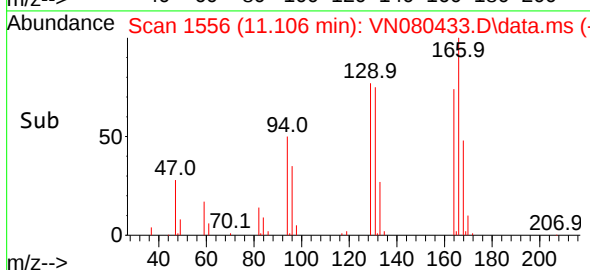
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

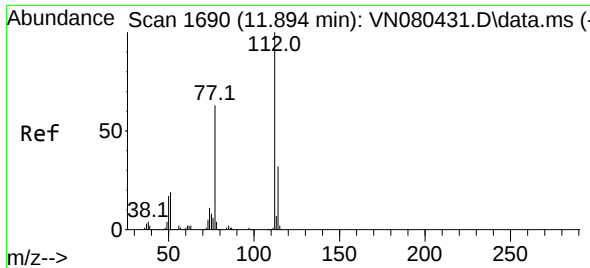


#64
Tetrachloroethene
Concen: 8.929 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20



Tgt Ion:164 Resp: 30507
Ion Ratio Lower Upper
164 100
166 134.7 101.4 152.0
129 103.8 82.4 123.6
131 100.6 78.2 117.4





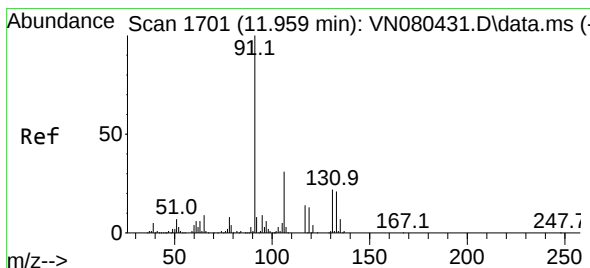
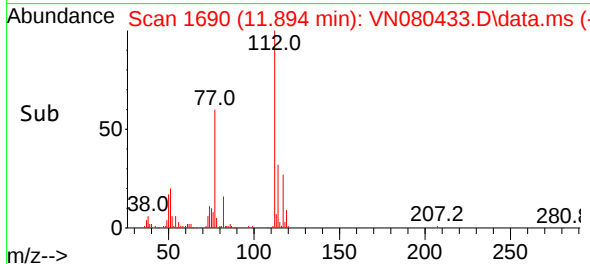
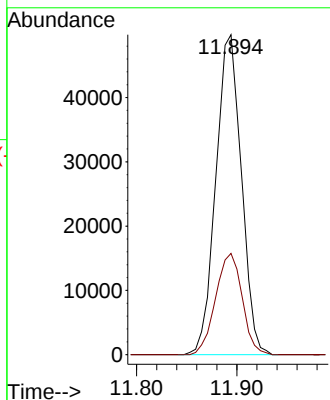
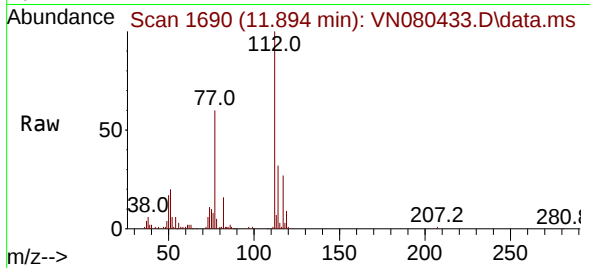
#65
Chlorobenzene
Concen: 8.932 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 87928
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

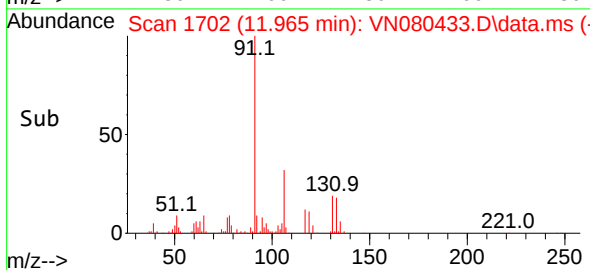
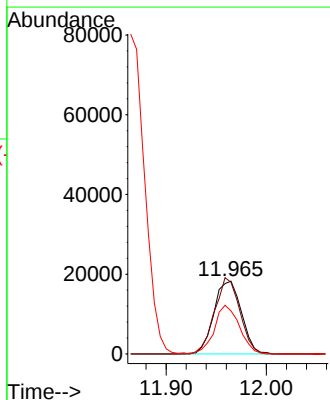
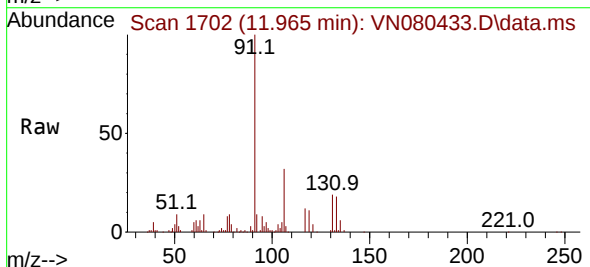
Manual Integrations
APPROVED

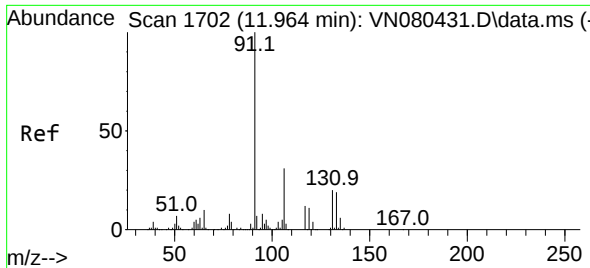
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 8.993 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:131 Resp: 34735
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 60.6 34.1 102.2





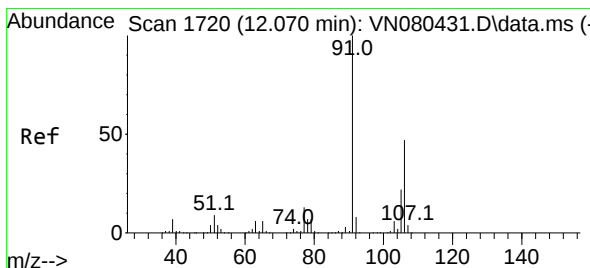
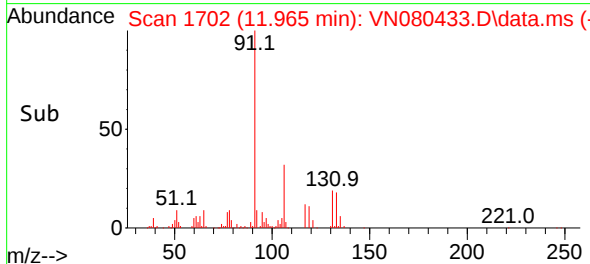
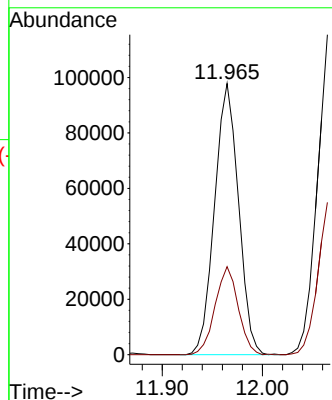
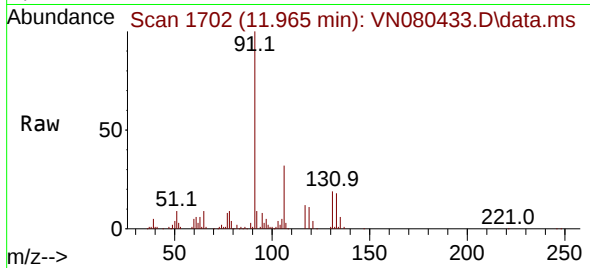
#67
Ethyl Benzene
Concen: 8.947 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 16193
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

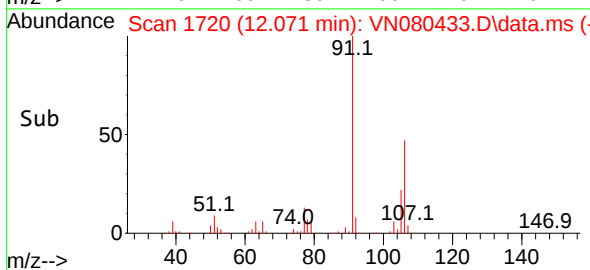
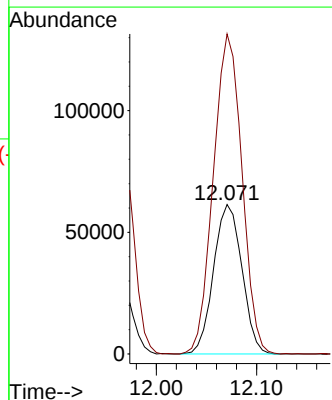
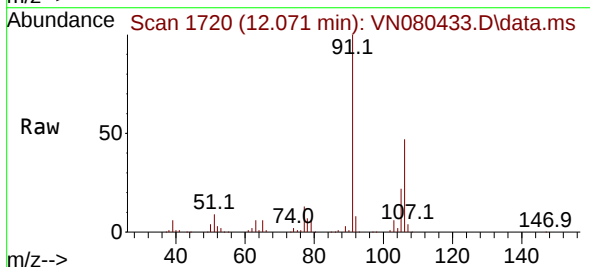
Manual Integrations
APPROVED

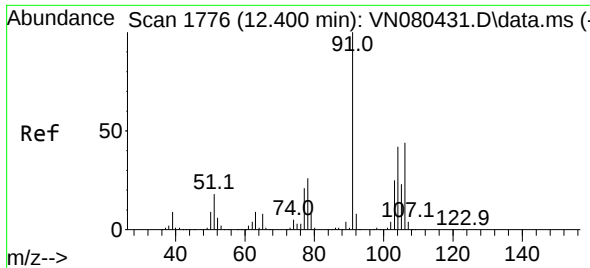
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#68
m/p-Xylenes
Concen: 18.028 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:106 Resp: 120575
Ion Ratio Lower Upper
106 100
91 216.5 159.6 239.4





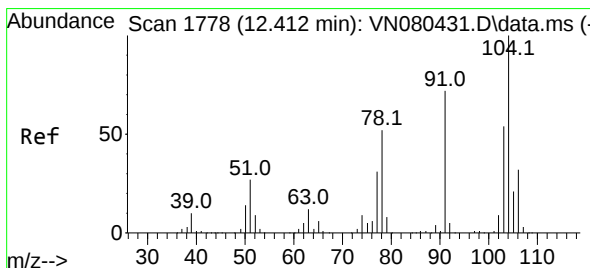
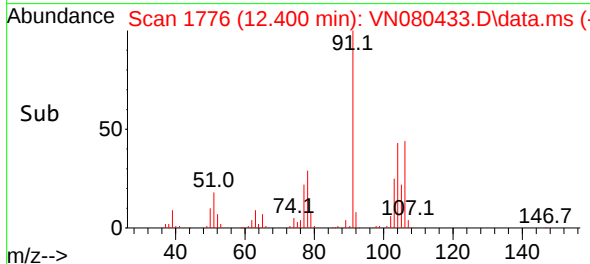
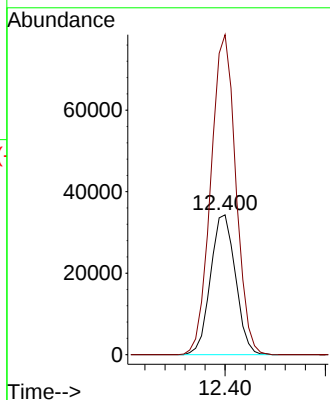
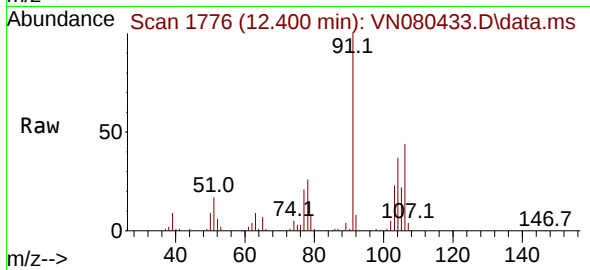
#69
o-Xylene
Concen: 9.071 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 59345
Ion Ratio Lower Upper
106 100
91 228.8 105.2 315.5

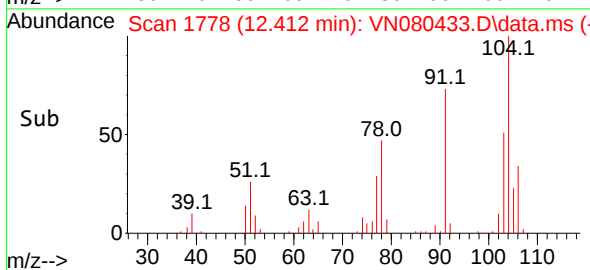
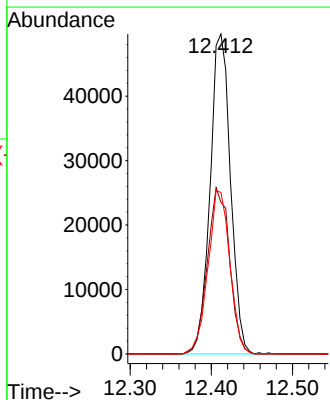
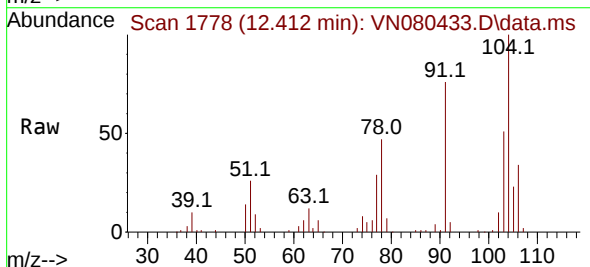
Manual Integrations
APPROVED

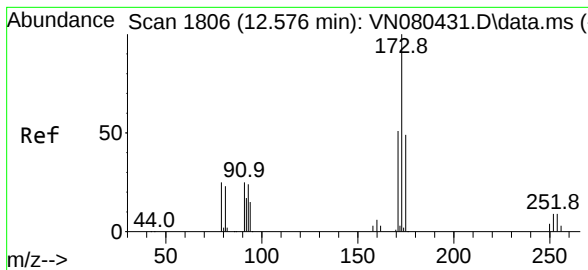
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 9.221 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:104 Resp: 86892
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 54.5 43.2 64.8





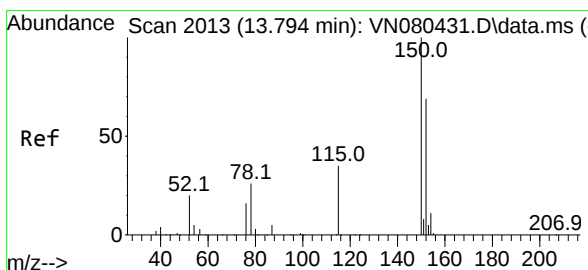
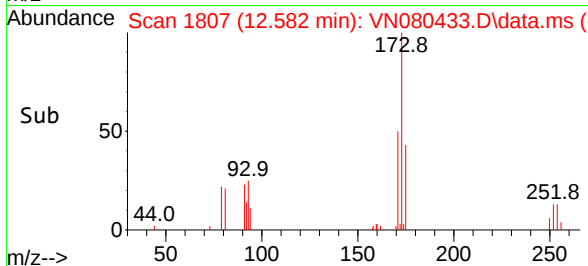
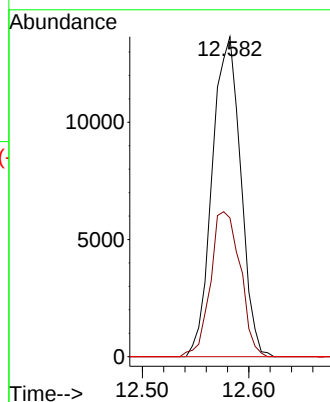
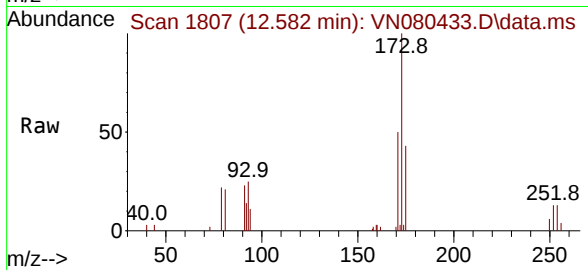
#71
Bromoform
Concen: 9.002 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 2535
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

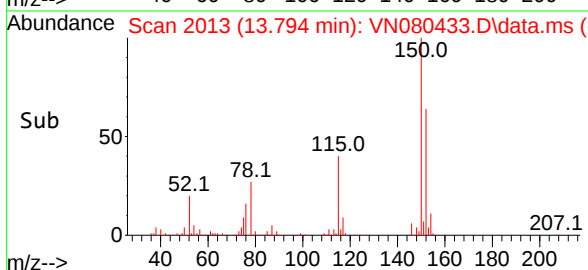
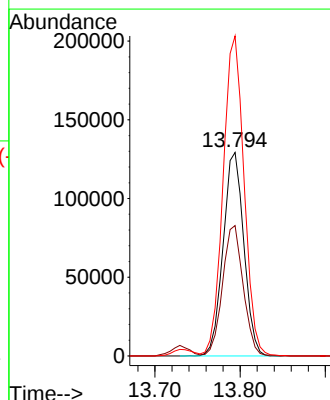
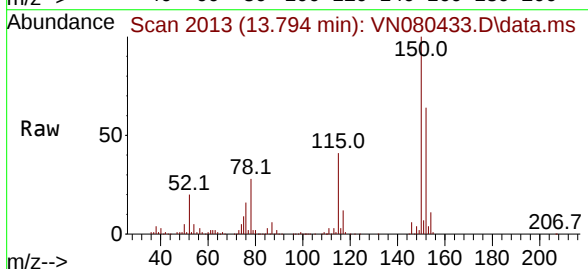
Manual Integrations
APPROVED

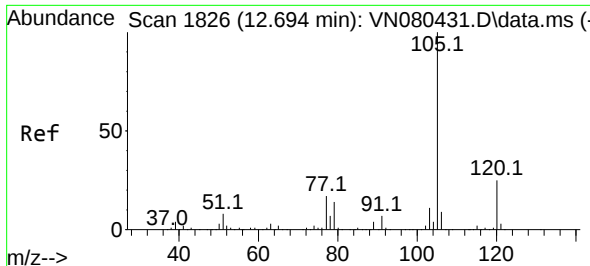
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

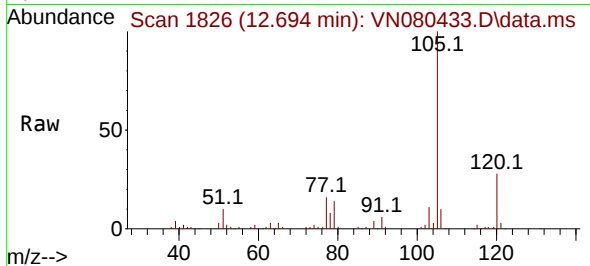
Tgt Ion:152 Resp: 218660
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 158.9 0.0 355.8





#73
Isopropylbenzene
Concen: 8.614 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

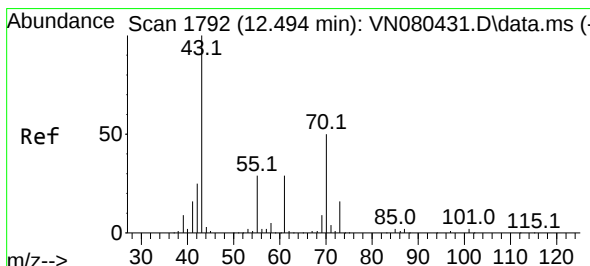
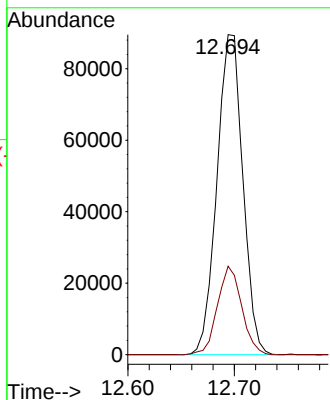
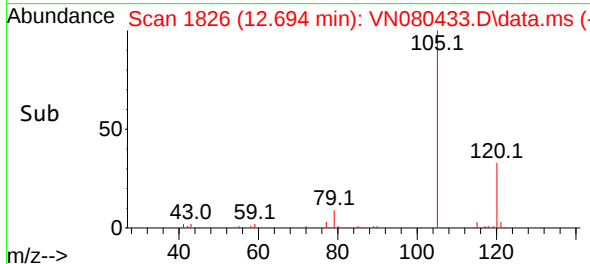
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



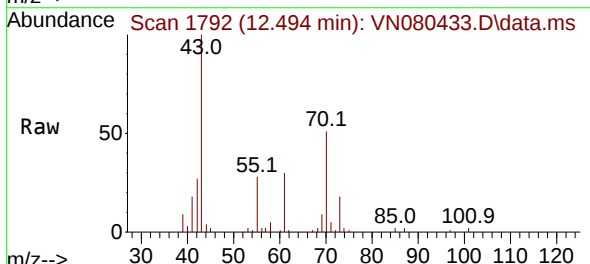
Tgt Ion:105 Resp: 151300
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations
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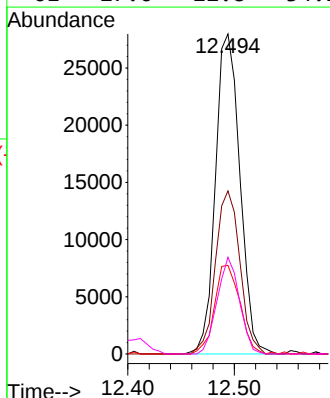
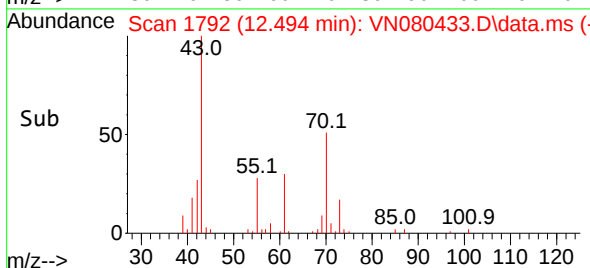
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

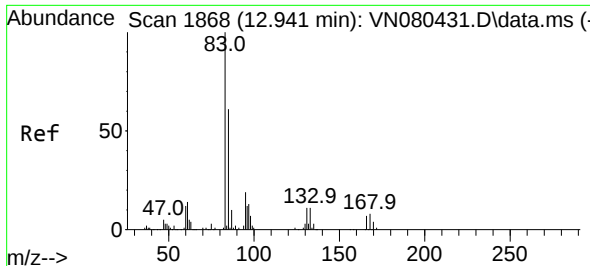


#74
N-ethyl acetate
Concen: 8.689 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20



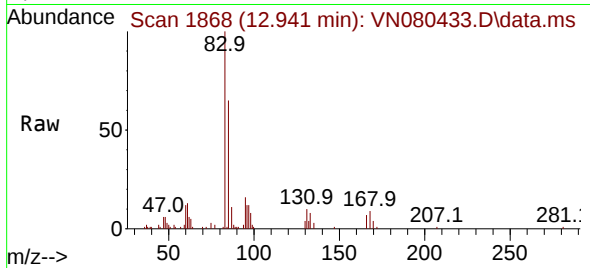
Tgt Ion: 43 Resp: 44571
Ion Ratio Lower Upper
43 100
70 50.9 43.4 65.2
55 29.0 21.4 32.0
61 27.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 8.945 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

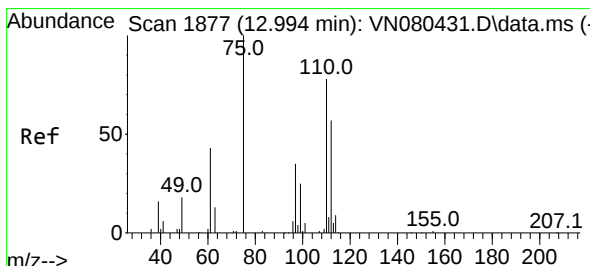
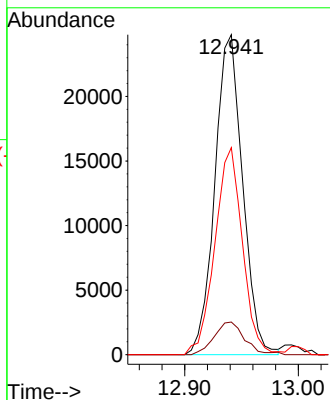
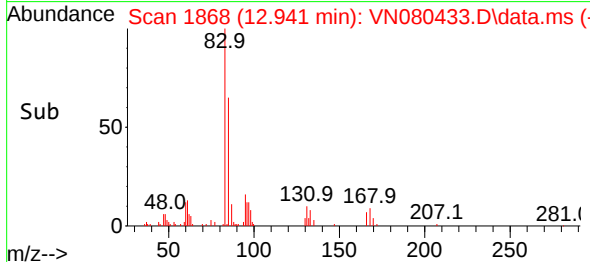
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



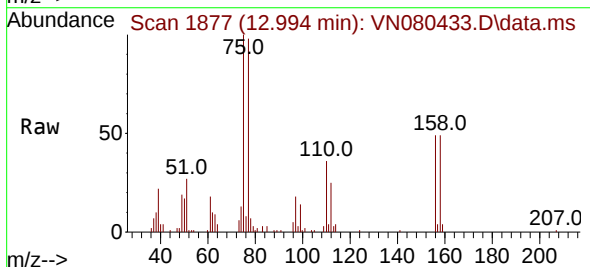
Tgt Ion: 83 Resp: 42104
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
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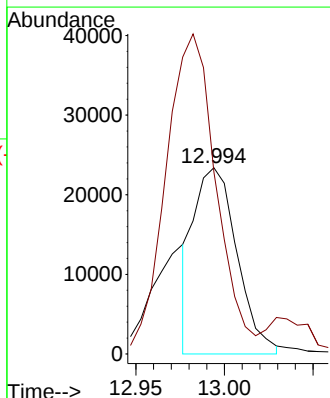
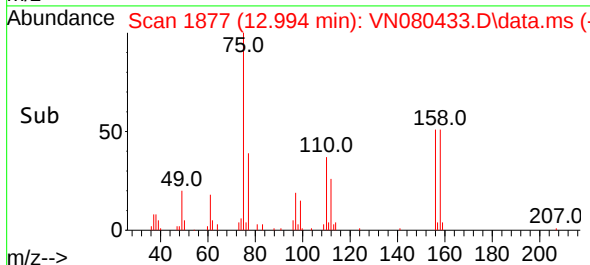
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

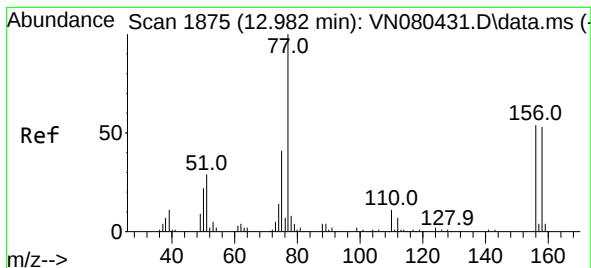


#76
1,2,3-Trichloropropane
Concen: 8.276 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20



Tgt Ion: 75 Resp: 39436
Ion Ratio Lower Upper
75 100
77 202.1 84.5 253.5





#77

Bromobenzene

Concen: 8.700 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

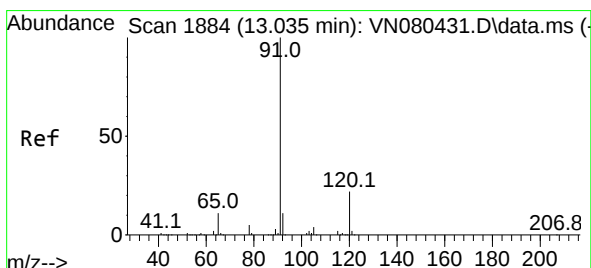
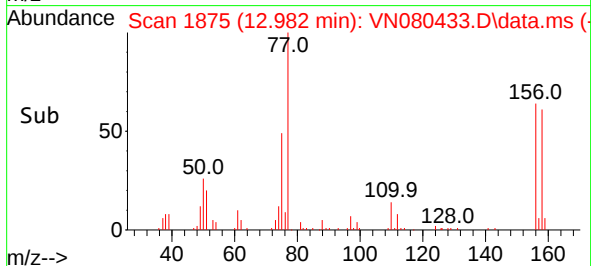
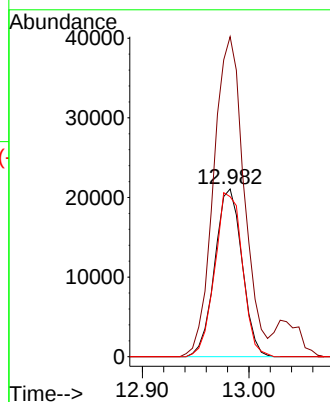
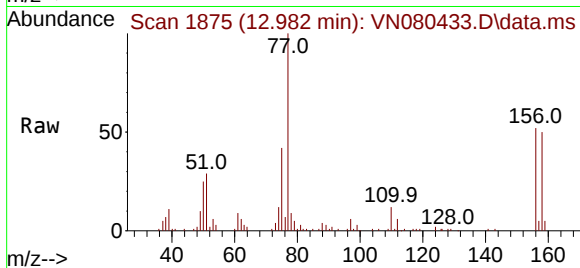
Tgt Ion:156 Resp: 3759
 Ion Ratio Lower Upper
 156 100
 77 212.0 107.7 323.3
 158 98.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#78

n-propylbenzene

Concen: 8.728 ug/l

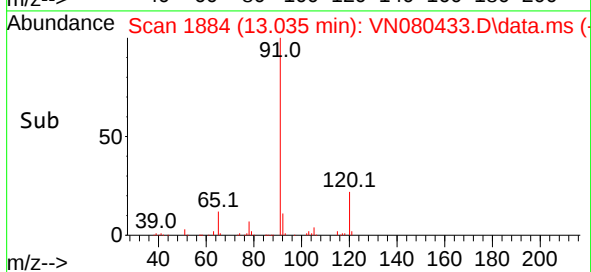
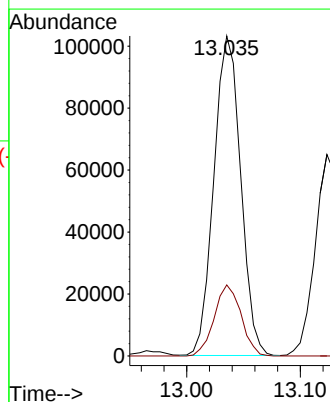
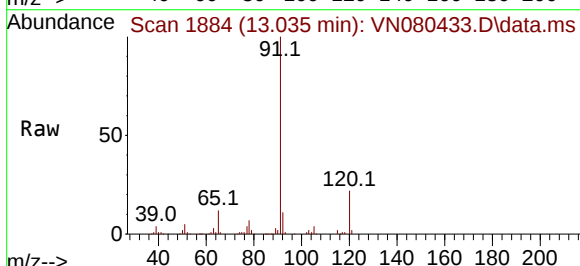
RT: 13.035 min Scan# 1884

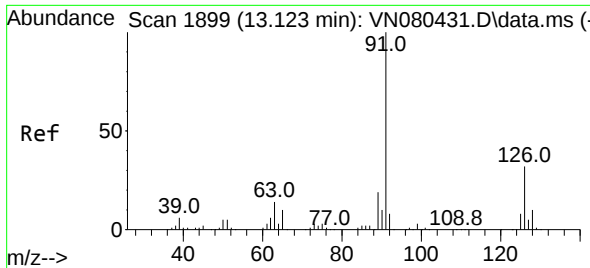
Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Tgt Ion: 91 Resp: 169035
 Ion Ratio Lower Upper
 91 100
 120 22.2 11.5 34.4





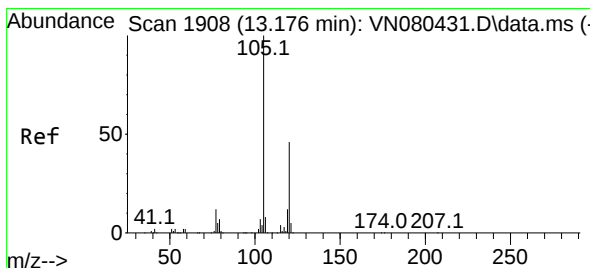
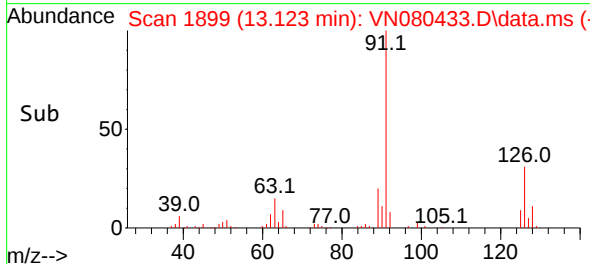
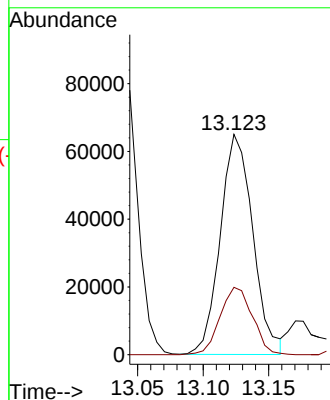
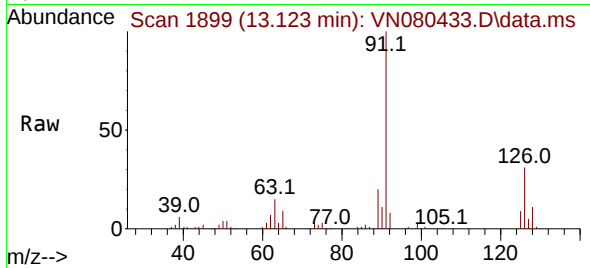
#79
2-Chlorotoluene
Concen: 8.886 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 11235
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

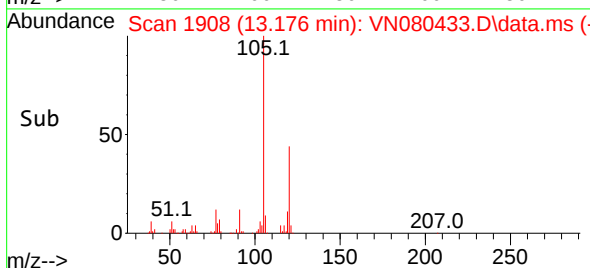
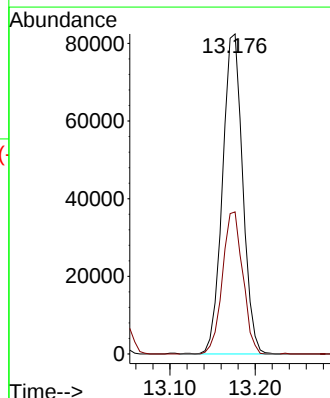
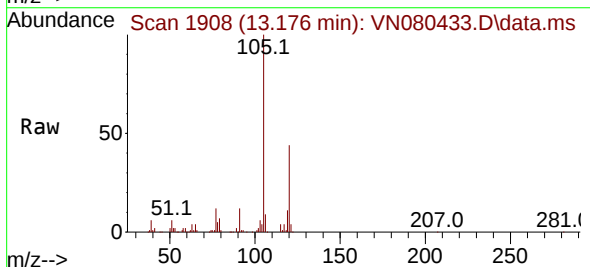
Manual Integrations
APPROVED

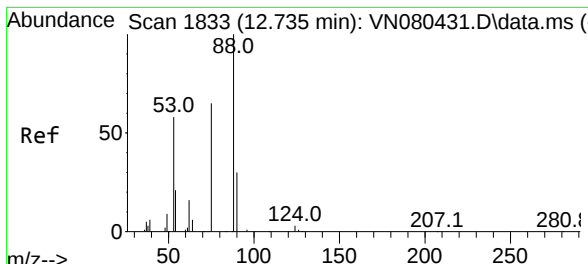
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 8.955 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

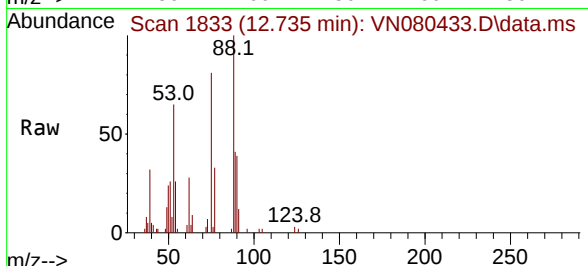
Tgt Ion:105 Resp: 135469
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 9.607 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

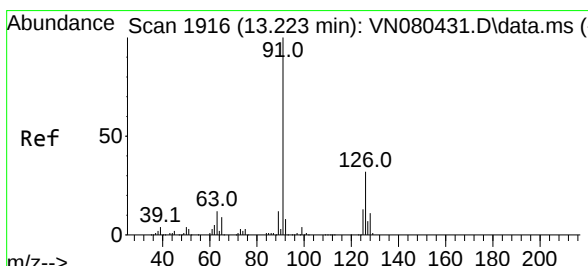
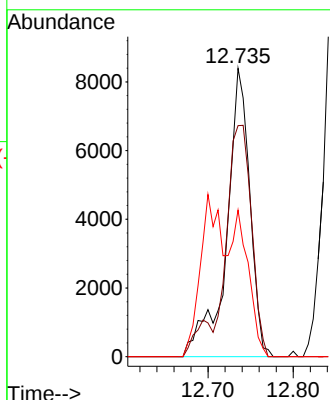
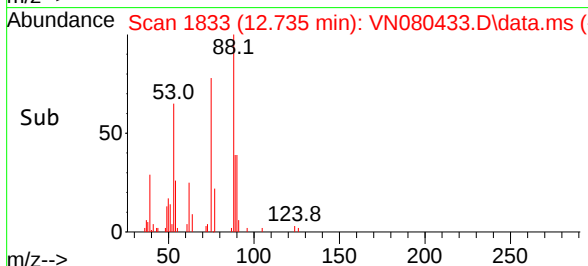
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 15962
Ion Ratio Lower Upper
75 100
53 83.5 67.4 101.2
89 35.6 38.8 58.2

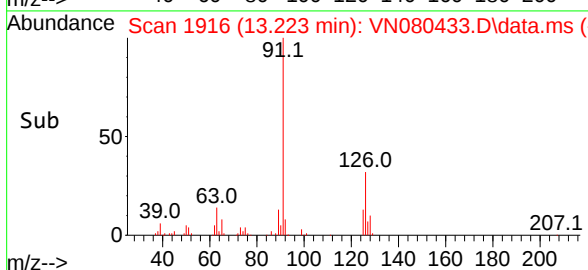
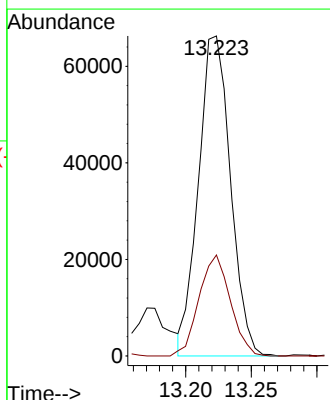
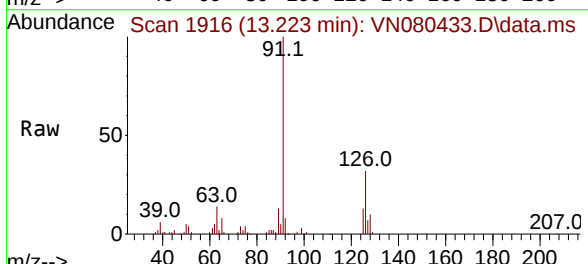
Manual Integrations
APPROVED

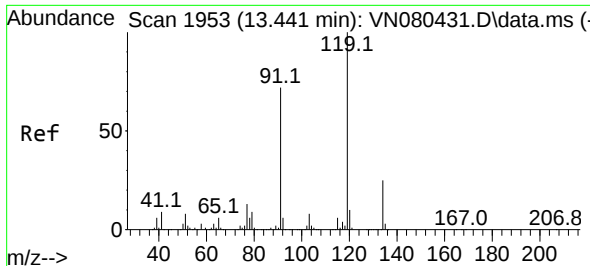
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#82
4-Chlorotoluene
Concen: 8.674 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion: 91 Resp: 112724
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0





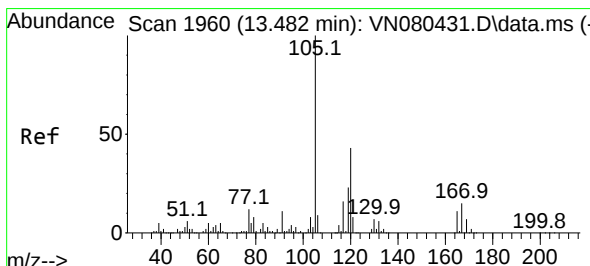
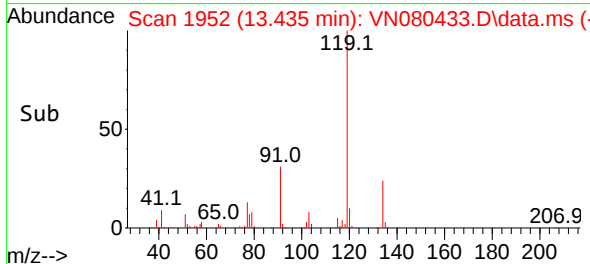
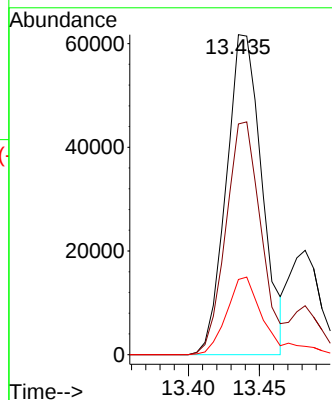
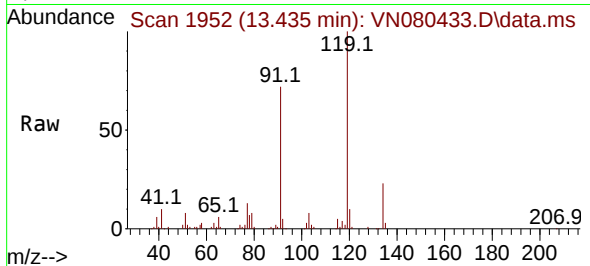
#83
tert-Butylbenzene
Concen: 8.703 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 10783
Ion Ratio Lower Upper
119 100
91 71.3 33.9 101.7
134 25.9 13.2 39.6

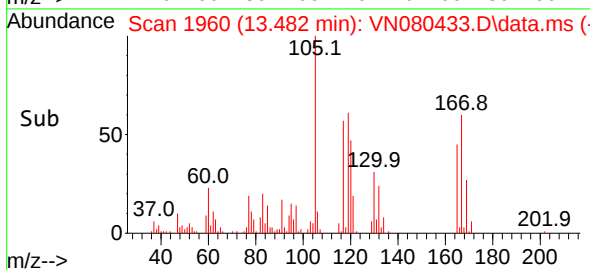
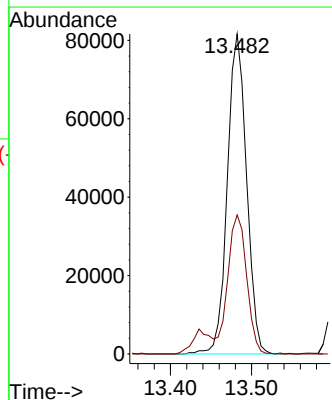
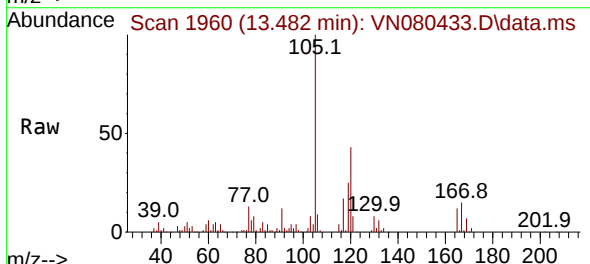
Manual Integrations
APPROVED

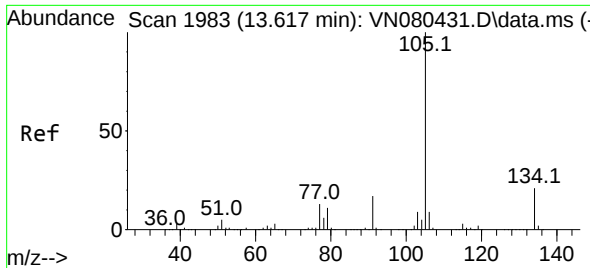
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 8.910 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:105 Resp: 134089
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





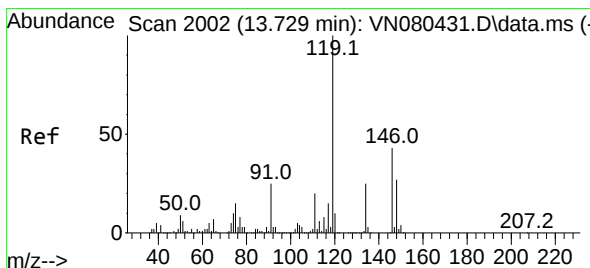
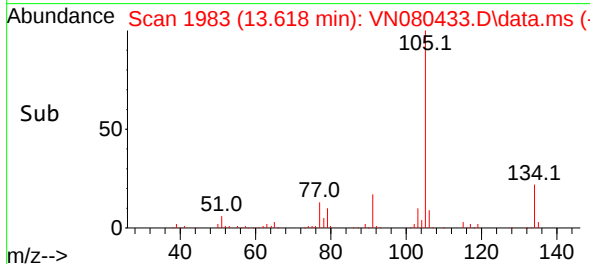
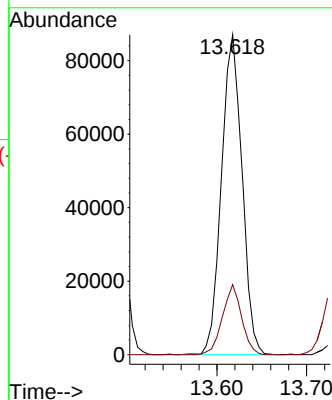
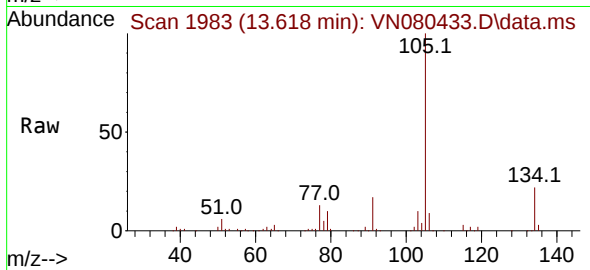
#85
 sec-Butylbenzene
 Concen: 8.751 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 138689
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

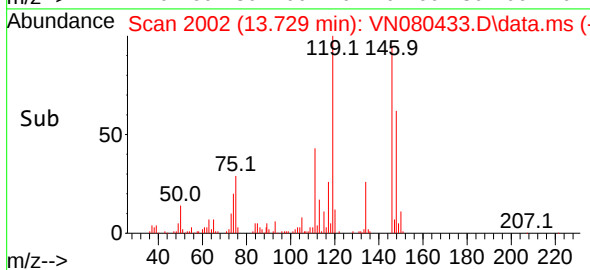
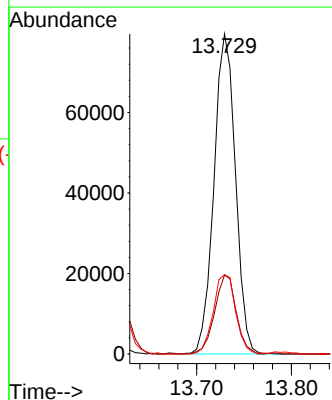
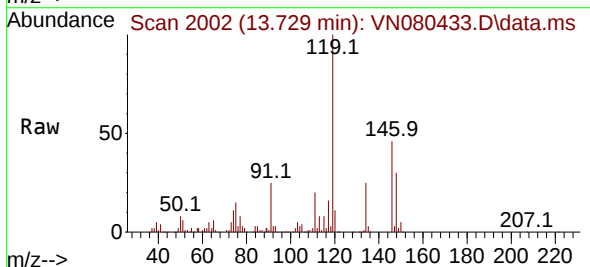
Manual Integrations
 APPROVED

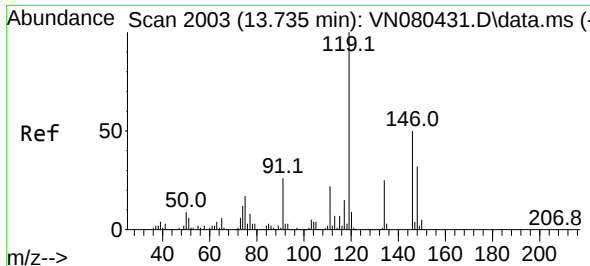
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#86
 p-Isopropyltoluene
 Concen: 8.764 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

Tgt Ion:119 Resp: 125418
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 25.8 12.4 37.2





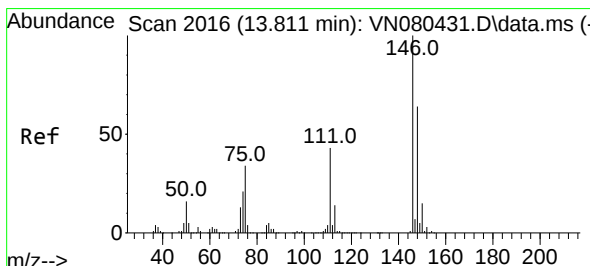
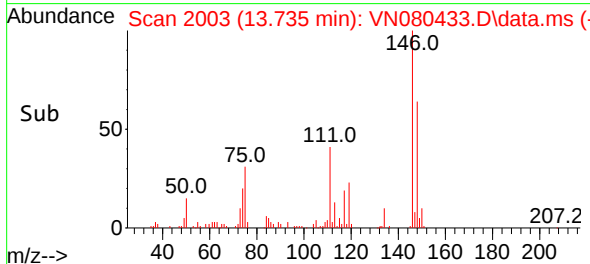
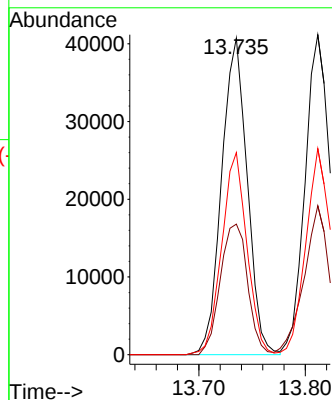
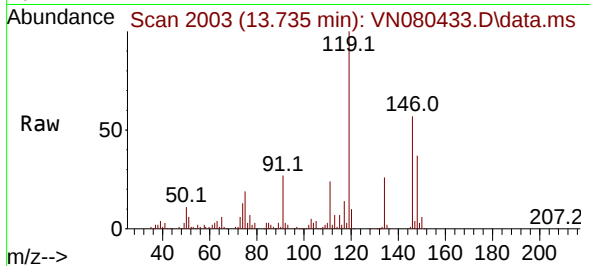
#87
1,3-Dichlorobenzene
Concen: 8.938 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 6804
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 62.6 32.0 96.0

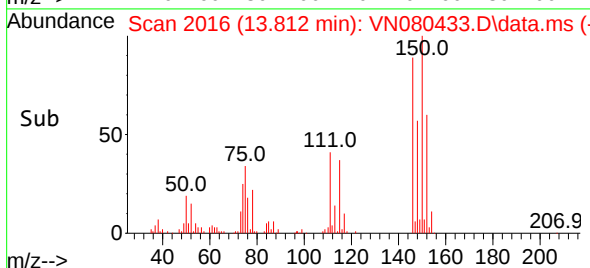
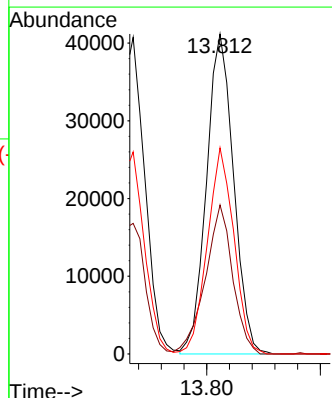
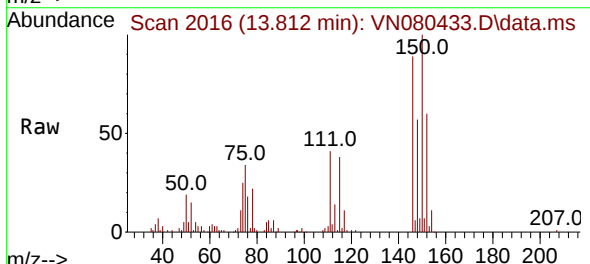
Manual Integrations
APPROVED

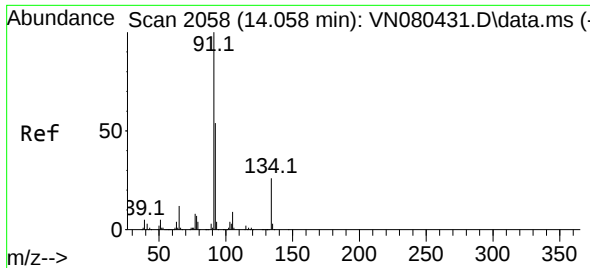
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 8.880 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

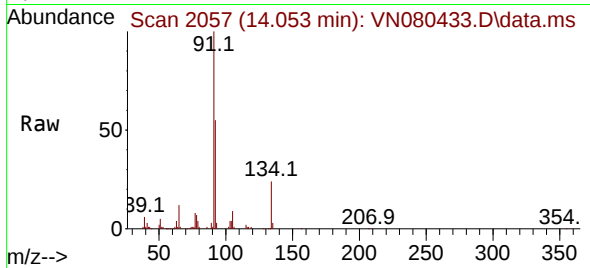
Tgt Ion:146 Resp: 68240
Ion Ratio Lower Upper
146 100
111 47.0 20.6 61.8
148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 8.768 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

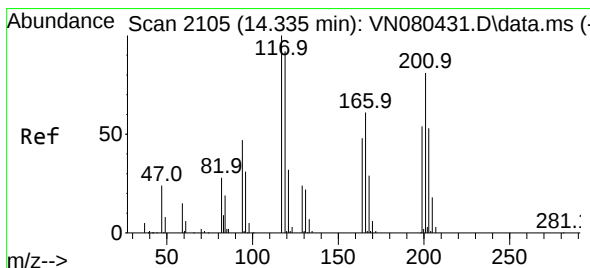
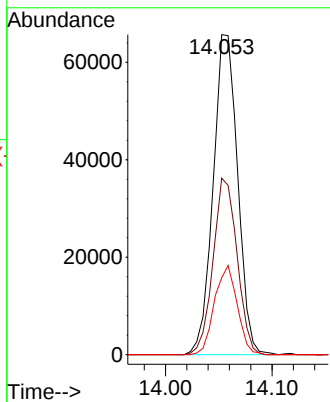
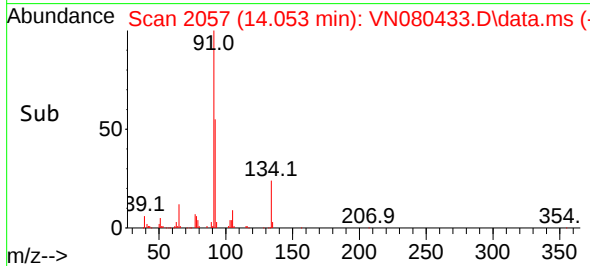
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 104778
Ion Ratio Lower Upper
91 100
92 54.1 26.4 79.0
134 25.8 12.6 37.6

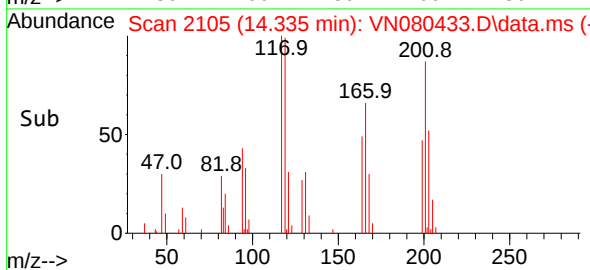
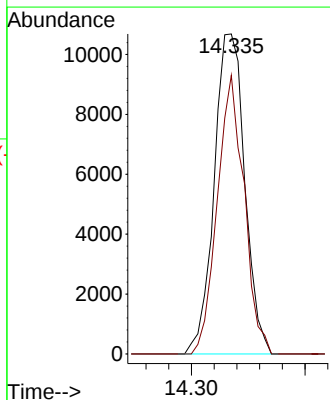
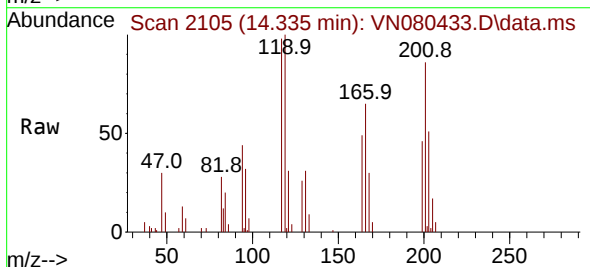
Manual Integrations
APPROVED

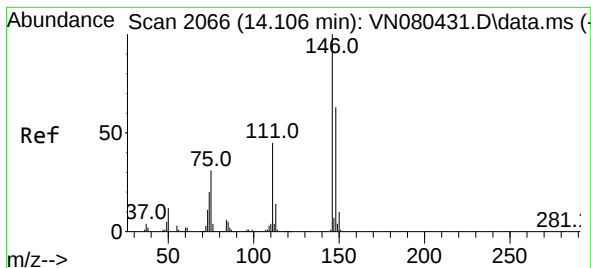
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 8.781 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:117 Resp: 19957
Ion Ratio Lower Upper
117 100
201 76.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 9.237 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 66780

Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

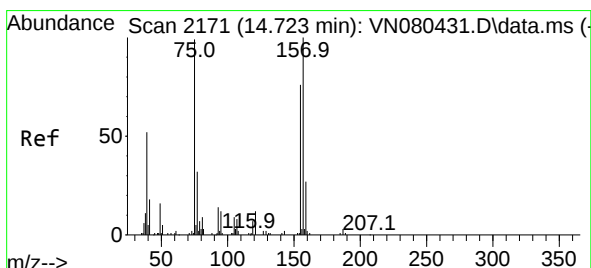
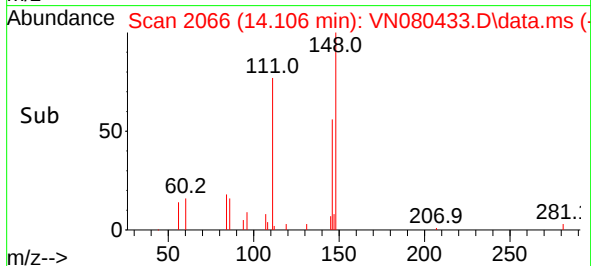
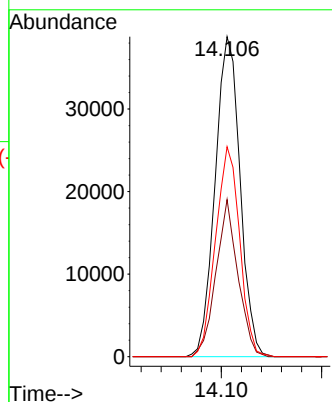
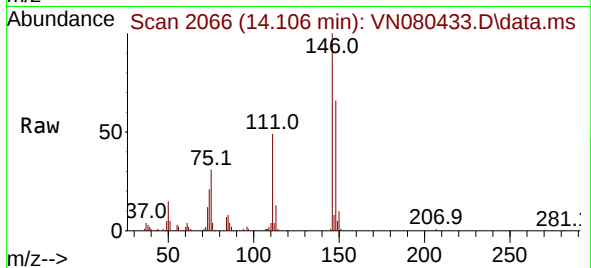
148 63.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.431 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080433.D

Acq: 12 Dec 2023 11:20

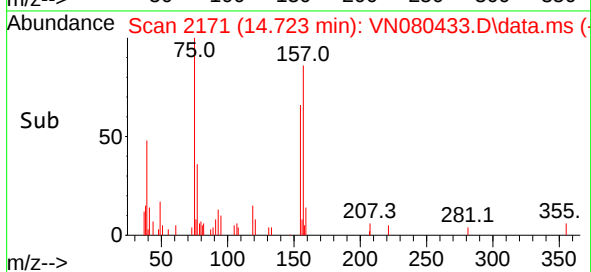
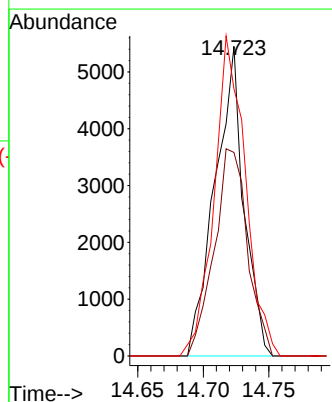
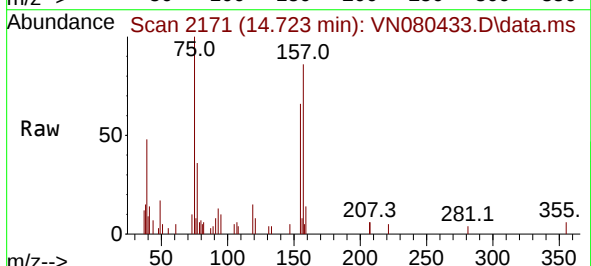
Tgt Ion: 75 Resp: 8347

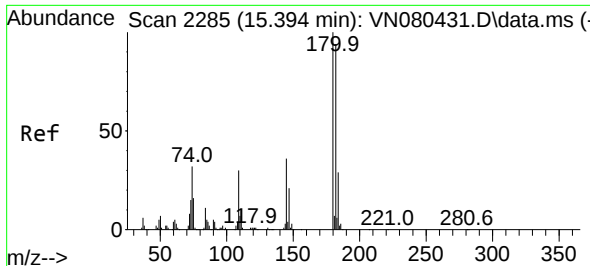
Ion Ratio Lower Upper

75 100

155 77.2 39.1 117.2

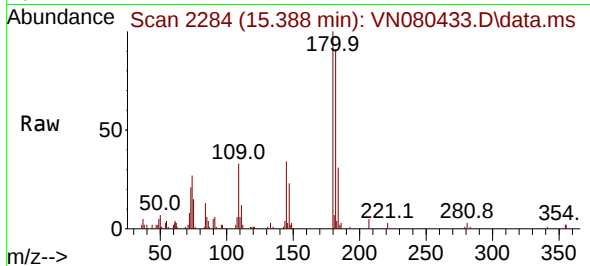
157 111.8 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 8.628 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

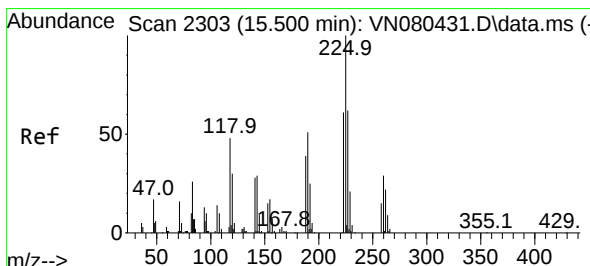
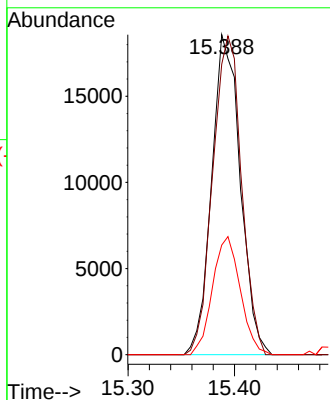
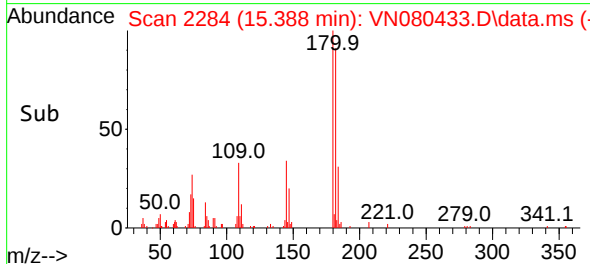
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:180 Resp: 34630
 Ion Ratio Lower Upper
 180 100
 182 99.9 46.1 138.2
 145 35.8 16.6 49.8

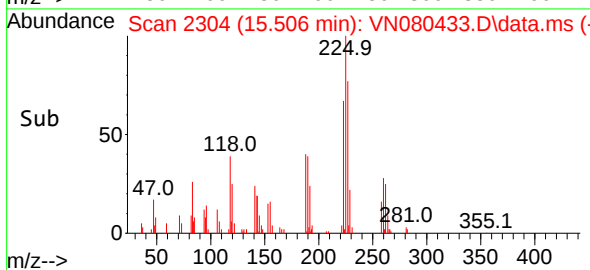
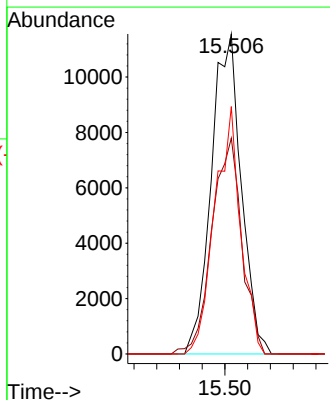
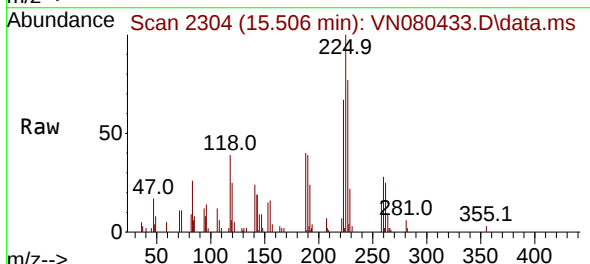
Manual Integrations
 APPROVED

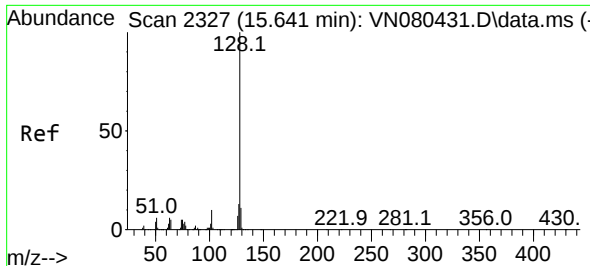
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#94
 Hexachlorobutadiene
 Concen: 9.249 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080433.D
 Acq: 12 Dec 2023 11:20

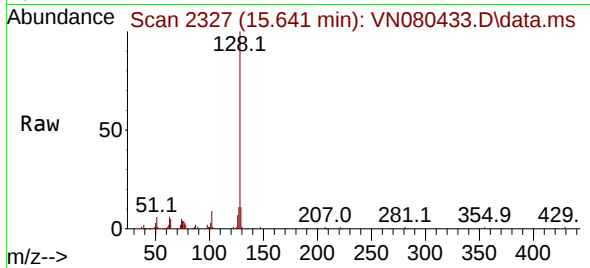
Tgt Ion:225 Resp: 21136
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.3 93.8
 227 66.9 31.9 95.9





#95
Naphthalene
Concen: 8.689 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

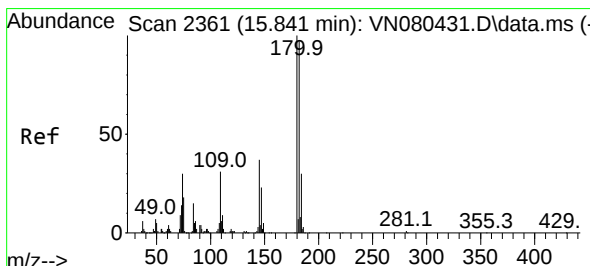
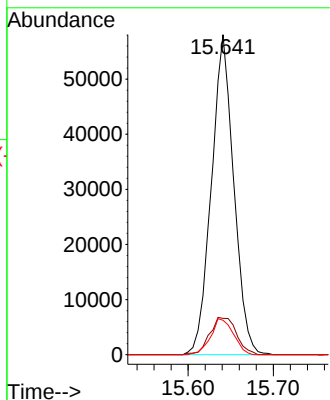
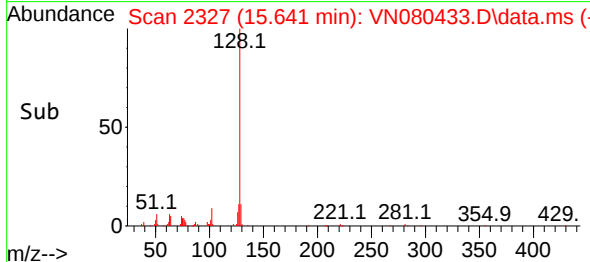
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 105912
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 8.757 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080433.D
Acq: 12 Dec 2023 11:20

Tgt Ion:180 Resp: 33920
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 34.9 17.5 52.6

