

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080480.D
 Acq On : 14 Dec 2023 12:59
 Operator : JC\MD
 Sample : VN1214WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:25:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	319053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	495514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	440099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	236318	57.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.980%			
35) Dibromofluoromethane	8.171	113	176818	56.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.560%			
50) Toluene-d8	10.565	98	648226	55.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.640%			
62) 4-Bromofluorobenzene	12.847	95	231106	51.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	80463	19.735	ug/l	100
3) Chloromethane	2.360	50	71858	16.564	ug/l	98
4) Vinyl Chloride	2.518	62	60408	17.349	ug/l	98
5) Bromomethane	2.959	94	29407	18.732	ug/l	93
6) Chloroethane	3.124	64	38579	17.242	ug/l	94
7) Trichlorofluoromethane	3.501	101	140492	19.893	ug/l	98
8) Diethyl Ether	3.959	74	41707	18.749	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	63535	18.980	ug/l	91
10) Methyl Iodide	4.589	142	47538	16.145	ug/l	97
11) Tert butyl alcohol	5.512	59	43593	90.833	ug/l	100
12) 1,1-Dichloroethene	4.342	96	62504	18.223	ug/l	86
13) Acrolein	4.183	56	41849	79.623	ug/l	93
14) Allyl chloride	5.024	41	77018	18.149	ug/l	96
15) Acrylonitrile	5.718	53	125662	92.667	ug/l	99
16) Acetone	4.424	43	114678	158.713	ug/l	91
17) Carbon Disulfide	4.712	76	168471	17.332	ug/l	99
18) Methyl Acetate	5.018	43	89550	19.261	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	215859	18.863	ug/l	94
20) Methylene Chloride	5.277	84	70868	18.327	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	68800	18.499	ug/l #	79
22) Diisopropyl ether	6.665	45	175168	19.125	ug/l	96
23) Vinyl Acetate	6.600	43	481058	91.450	ug/l	93
24) 1,1-Dichloroethane	6.577	63	122472	19.166	ug/l	98
25) 2-Butanone	7.477	43	149821	107.635	ug/l	92
26) 2,2-Dichloropropane	7.489	77	126136	19.304	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	80377	19.093	ug/l	90
28) Bromochloromethane	7.812	49	50565	20.609	ug/l	99
29) Tetrahydrofuran	7.836	42	92310	92.612	ug/l	94
30) Chloroform	7.965	83	141214	19.908	ug/l	95
31) Cyclohexane	8.253	56	97562	17.605	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	139511	20.088	ug/l	97
36) 1,1-Dichloropropene	8.371	75	100658	19.595	ug/l	96
37) Ethyl Acetate	7.553	43	61649	19.165	ug/l	99
38) Carbon Tetrachloride	8.359	117	124761	20.326	ug/l	98
39) Methylcyclohexane	9.606	83	98173	18.396	ug/l	92
40) Benzene	8.606	78	285954	19.277	ug/l	100

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Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36616	19.744	ug/l	93
42) 1,2-Dichloroethane	8.671	62	113425	20.649	ug/l	96
43) Isopropyl Acetate	8.689	43	106631	18.436	ug/l	98
44) Trichloroethene	9.353	130	74384	18.601	ug/l	93
45) 1,2-Dichloropropane	9.618	63	68098	19.546	ug/l	100
46) Dibromomethane	9.712	93	48972	19.573	ug/l #	88
47) Bromodichloromethane	9.888	83	112429	20.967	ug/l	96
48) Methyl methacrylate	9.683	41	66561	19.284	ug/l	91
49) 1,4-Dioxane	9.694	88	18558	354.727	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	310854	97.587	ug/l	98
52) Toluene	10.630	92	181272	19.344	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	115879	19.973	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	118948	19.182	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	70260	20.837	ug/l	97
56) Ethyl methacrylate	10.877	69	70836	18.975	ug/l	93
57) 1,3-Dichloropropane	11.165	76	119850	20.276	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	193594	82.145	ug/l	100
59) 2-Hexanone	11.194	43	231627	98.496	ug/l	97
60) Dibromochloromethane	11.359	129	82078	20.542	ug/l	99
61) 1,2-Dibromoethane	11.471	107	68528	19.637	ug/l	97
64) Tetrachloroethene	11.106	164	64973	19.121	ug/l	95
65) Chlorobenzene	11.894	112	189466	19.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	78120	20.336	ug/l	94
67) Ethyl Benzene	11.965	91	345894	19.215	ug/l	99
68) m/p-Xylenes	12.071	106	262366	39.442	ug/l	91
69) o-Xylene	12.400	106	124716	19.168	ug/l	90
70) Styrene	12.412	104	184126	19.646	ug/l	93
71) Bromoform	12.576	173	52344	18.685	ug/l #	100
73) Isopropylbenzene	12.694	105	332125	19.993	ug/l	98
74) N-amyl acetate	12.494	43	87278	17.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	84657	19.018	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77706m	18.836	ug/l	
77) Bromobenzene	12.982	156	79720	19.508	ug/l	96
78) n-propylbenzene	13.035	91	366637	20.017	ug/l	99
79) 2-Chlorotoluene	13.124	91	234984	19.651	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	286222	20.005	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	27382	17.427	ug/l	89
82) 4-Chlorotoluene	13.224	91	238591	19.412	ug/l	96
83) tert-Butylbenzene	13.441	119	226245	19.309	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	283948	19.949	ug/l	98
85) sec-Butylbenzene	13.618	105	295641	19.724	ug/l	99
86) p-Isopropyltoluene	13.729	119	266225	19.671	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	134251	18.646	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	137535	18.923	ug/l	97
89) n-Butylbenzene	14.059	91	213683	18.906	ug/l	100
90) Hexachloroethane	14.335	117	41582	19.346	ug/l	66
91) 1,2-Dichlorobenzene	14.106	146	131880	19.289	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18208	19.446	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	73722	19.421	ug/l	97
94) Hexachlorobutadiene	15.500	225	40475	18.729	ug/l	99
95) Naphthalene	15.641	128	214929	18.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70838	19.338	ug/l	97

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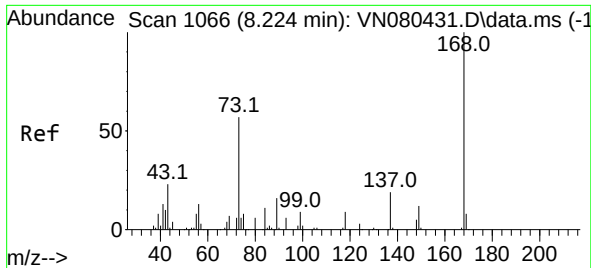
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/15/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

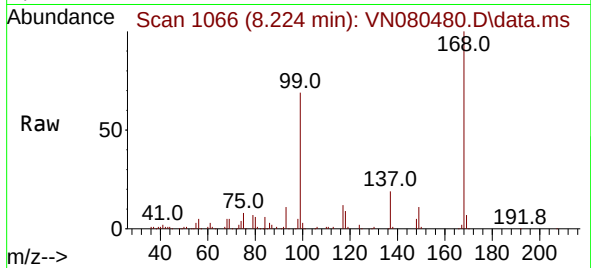
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

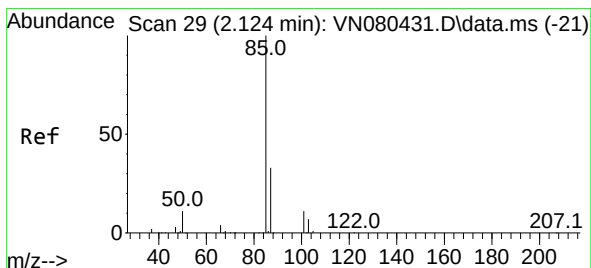
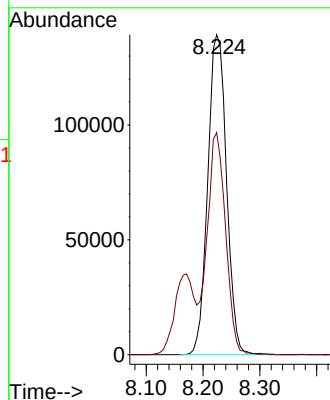
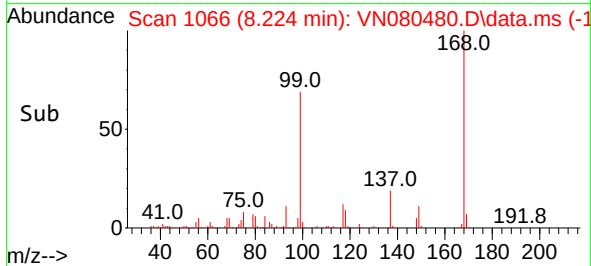
Instrument :
MSVOA_N
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VN1214WBS01



Tgt Ion:168 Resp: 31905
Ion Ratio Lower Upper
168 100
99 69.4 53.0 79.6

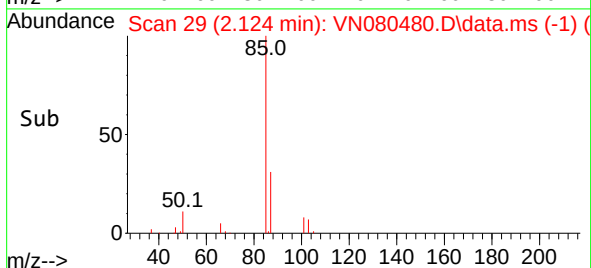
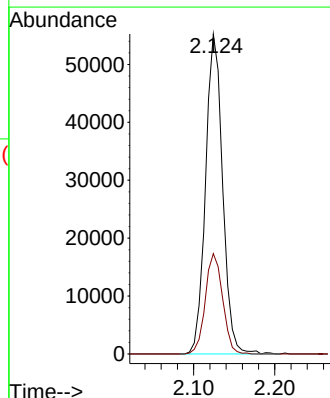
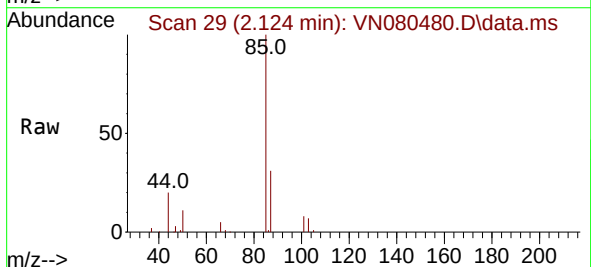
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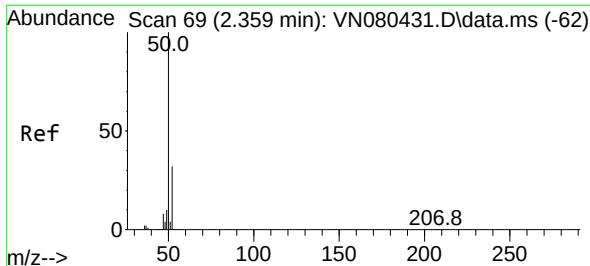
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 19.735 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

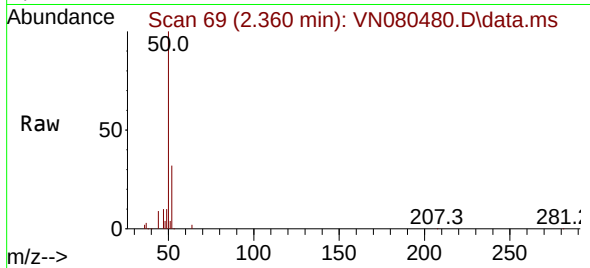
Tgt Ion: 85 Resp: 80463
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 16.564 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

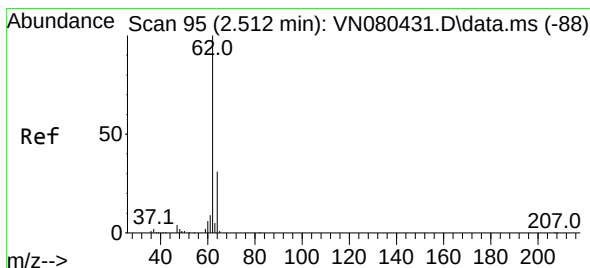
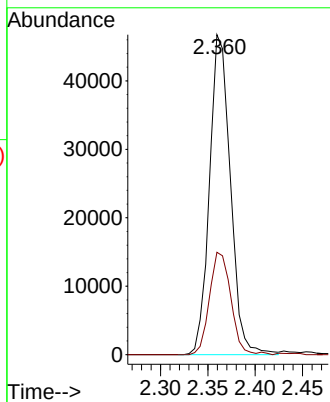
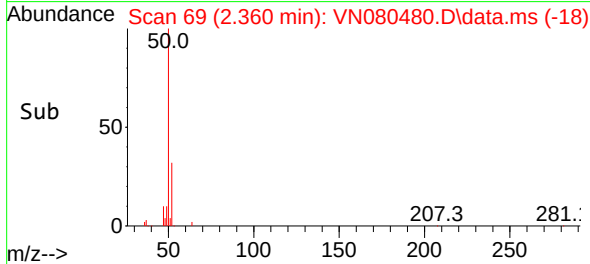
Instrument :
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Tgt Ion: 50 Resp: 71858
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

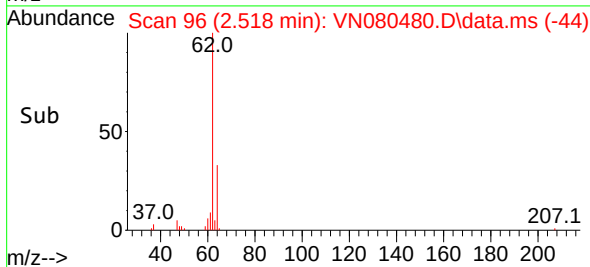
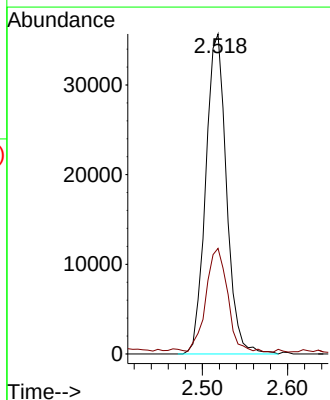
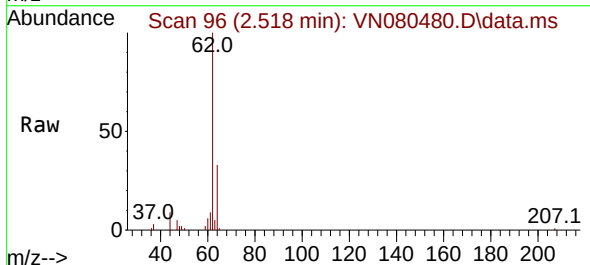
Manual Integrations
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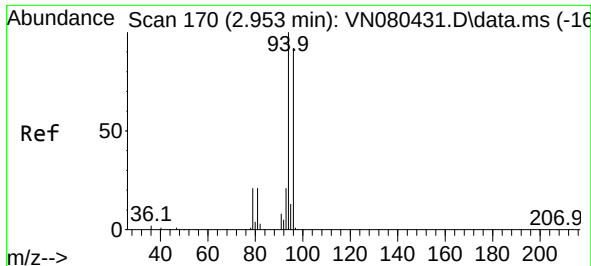
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#4
Vinyl Chloride
Concen: 17.349 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Tgt Ion: 62 Resp: 60408
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5

Bromomethane

Concen: 18.732 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080480.D

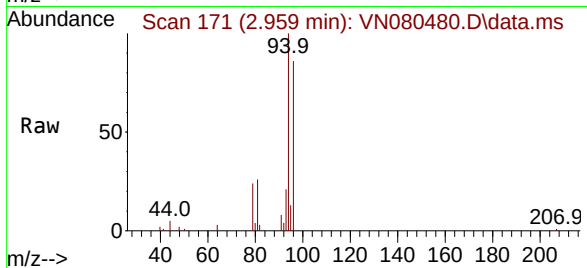
Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01



Tgt Ion: 94 Resp: 2940

Ion Ratio Lower Upper

94 100

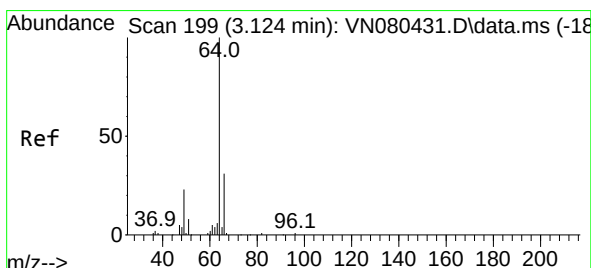
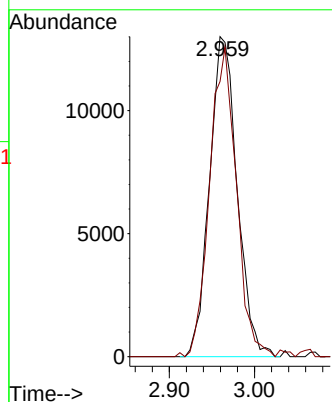
96 84.7 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#6

Chloroethane

Concen: 17.242 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.000 min

Lab File: VN080480.D

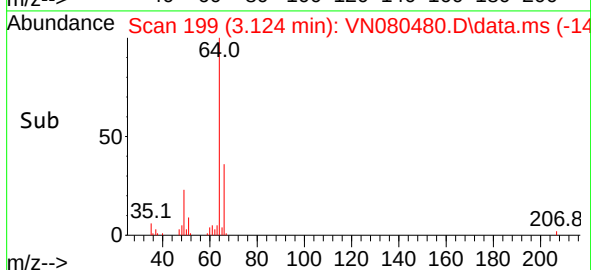
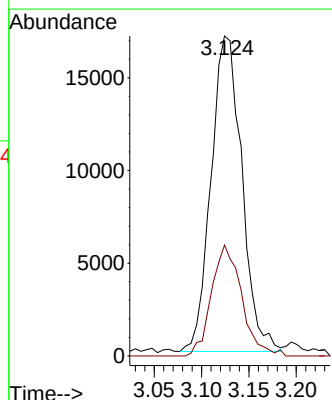
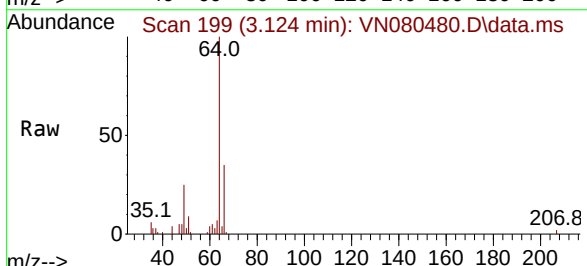
Acq: 14 Dec 2023 12:59

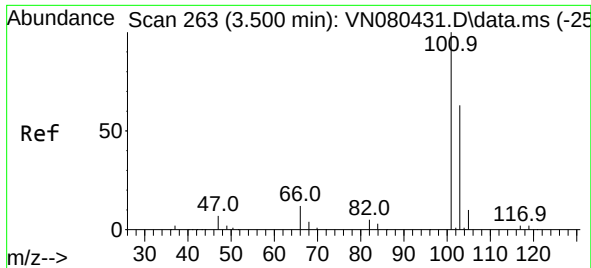
Tgt Ion: 64 Resp: 38579

Ion Ratio Lower Upper

64 100

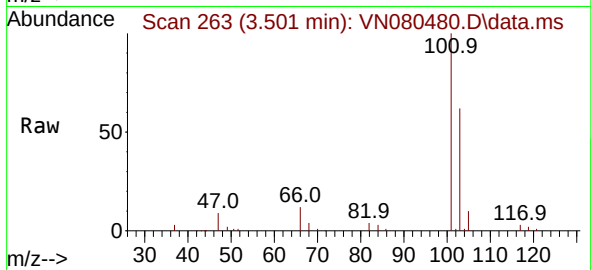
66 35.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.893 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

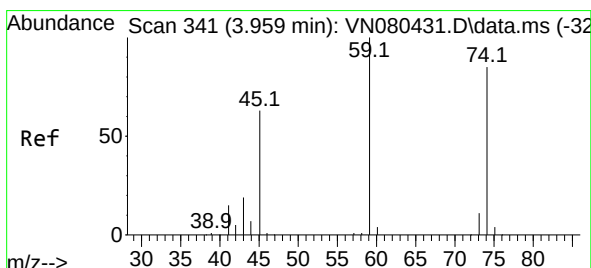
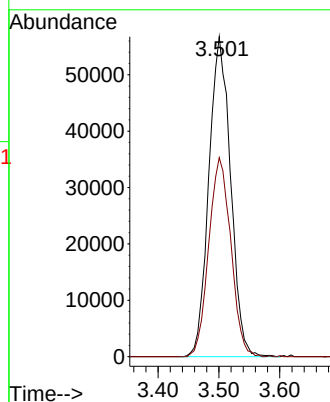
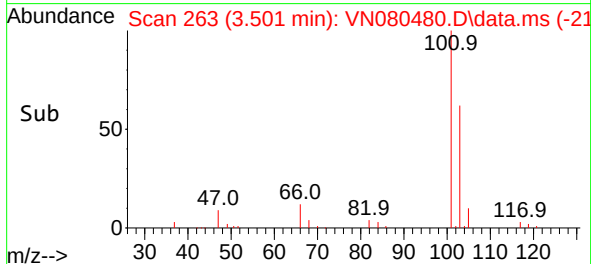
Instrument :
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Tgt Ion:101 Resp: 140492
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1

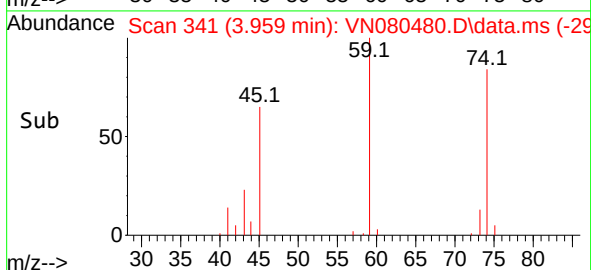
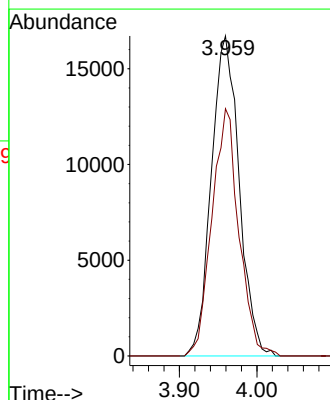
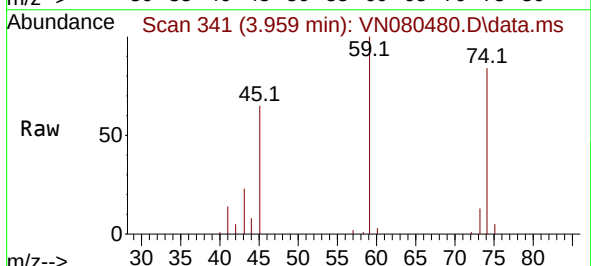
Manual Integrations
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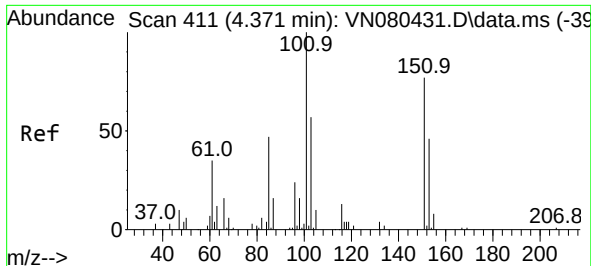
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#8
 Diethyl Ether
 Concen: 18.749 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

Tgt Ion: 74 Resp: 41707
 Ion Ratio Lower Upper
 74 100
 45 74.9 34.4 103.3





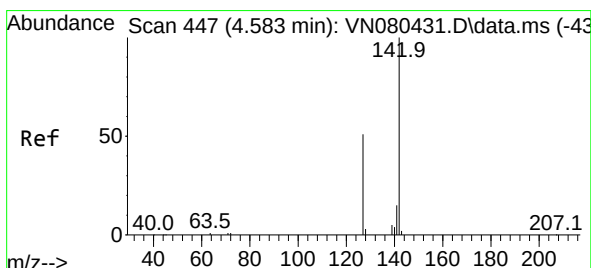
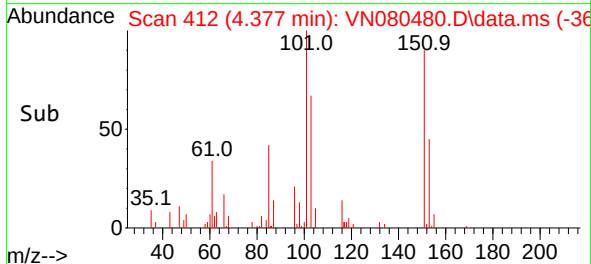
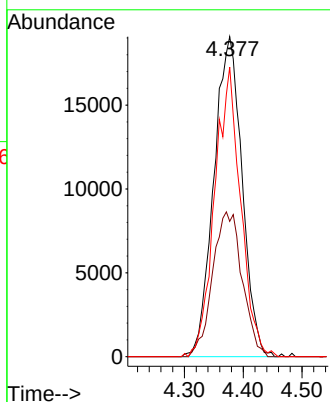
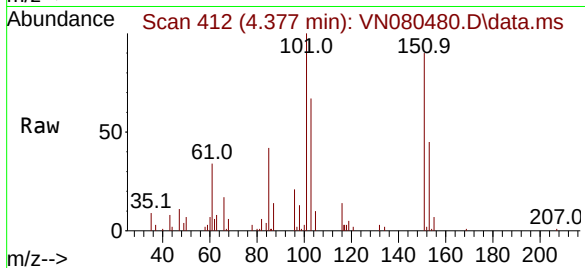
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.980 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080480.D
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Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 63538
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 83.2 57.6 86.4

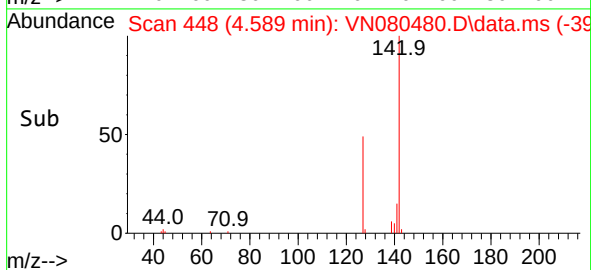
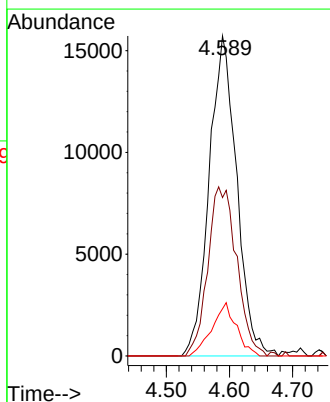
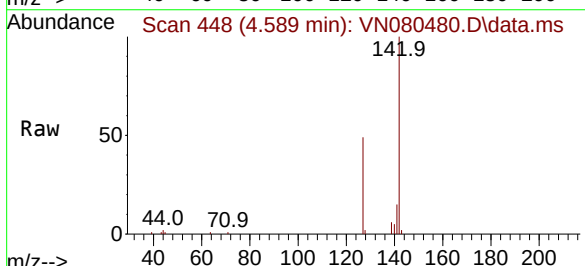
Manual Integrations
APPROVED

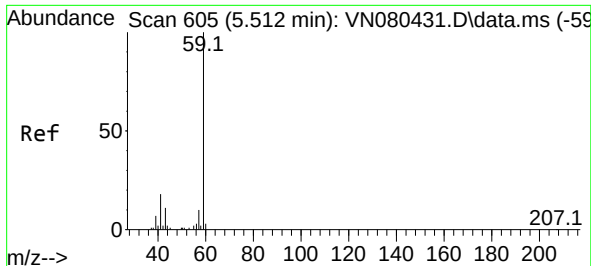
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 16.145 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Tgt Ion:142 Resp: 47538
Ion Ratio Lower Upper
142 100
127 49.5 37.6 56.4
141 14.7 11.4 17.0





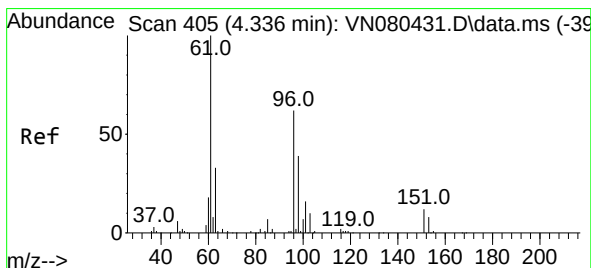
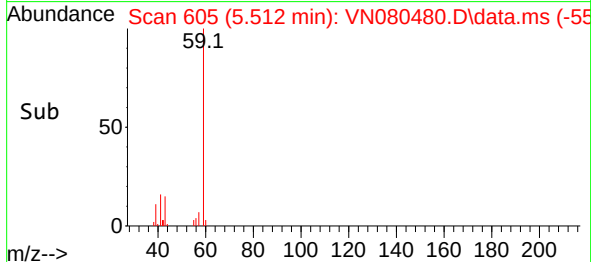
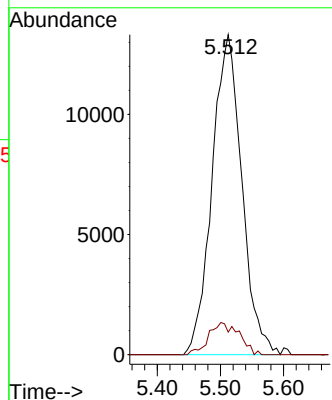
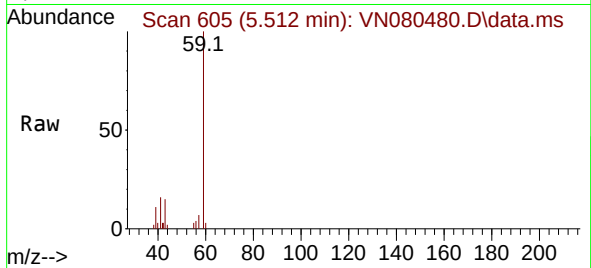
#11
Tert butyl alcohol
Concen: 90.833 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 59 Resp: 4359
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

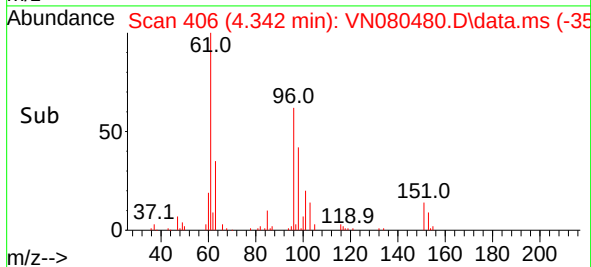
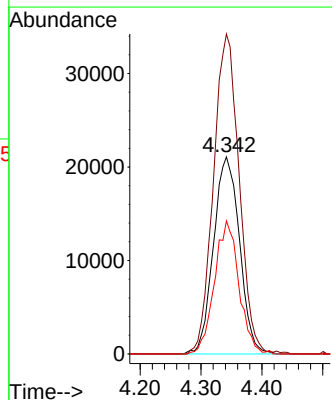
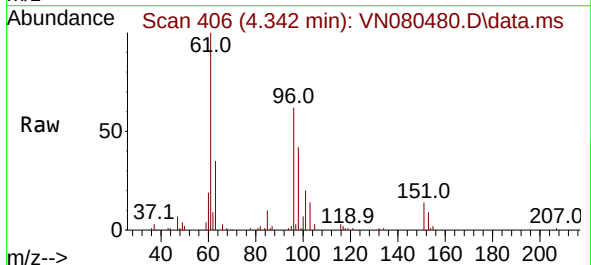
Manual Integrations
APPROVED

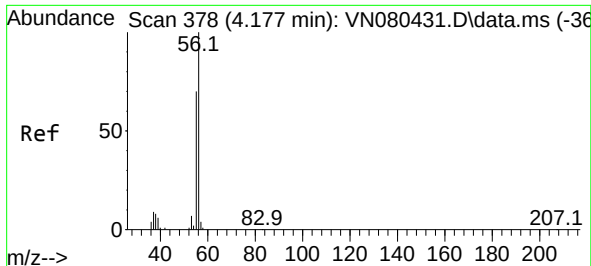
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#12
1,1-Dichloroethene
Concen: 18.223 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

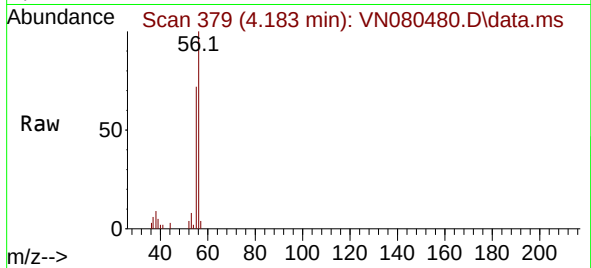
Tgt Ion: 96 Resp: 62504
Ion Ratio Lower Upper
96 100
61 162.4 112.7 169.1
98 67.5 51.2 76.8





#13
Acrolein
Concen: 79.623 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

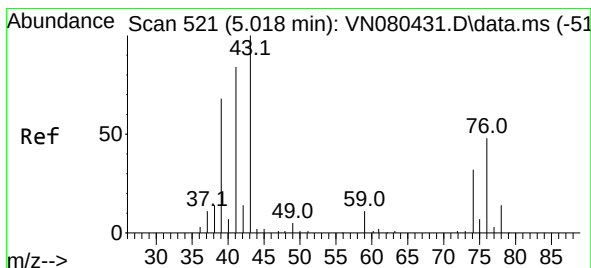
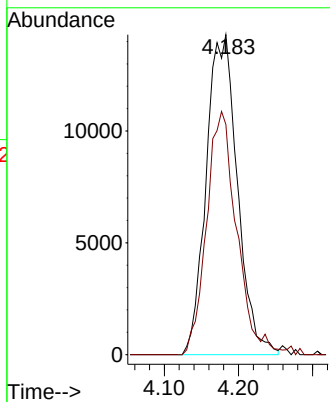
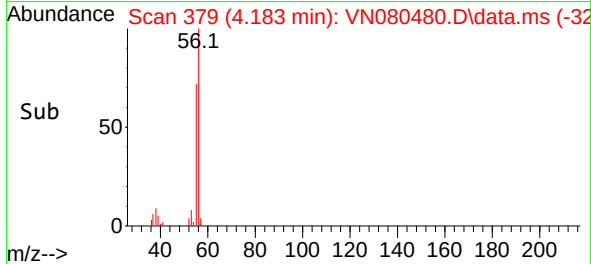
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



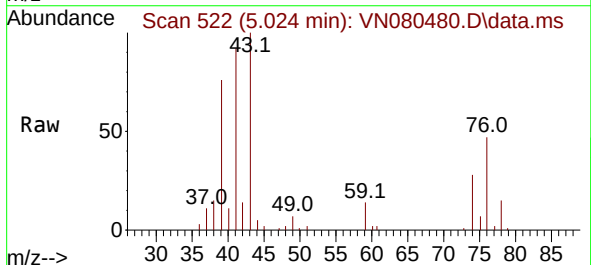
Tgt Ion: 56 Resp: 41849
Ion Ratio Lower Upper
56 100
55 73.4 54.5 81.7

Manual Integrations
APPROVED

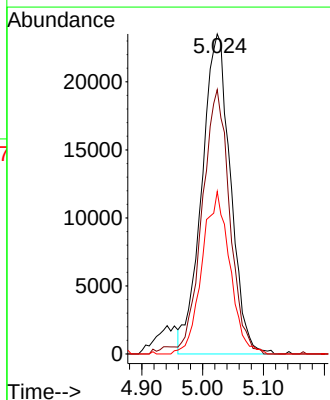
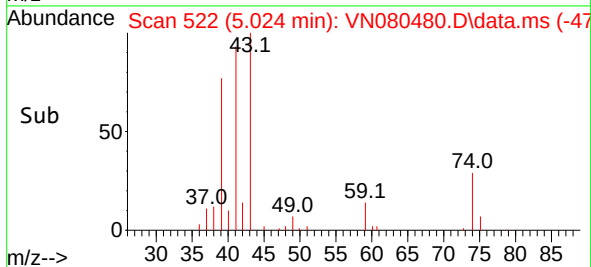
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

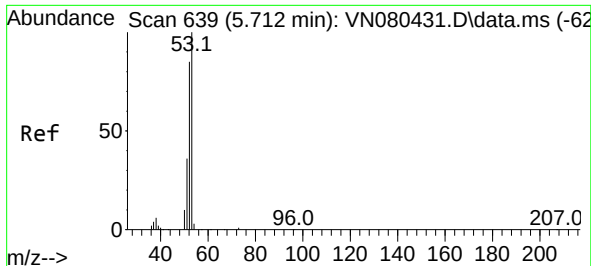


#14
Allyl chloride
Concen: 18.149 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



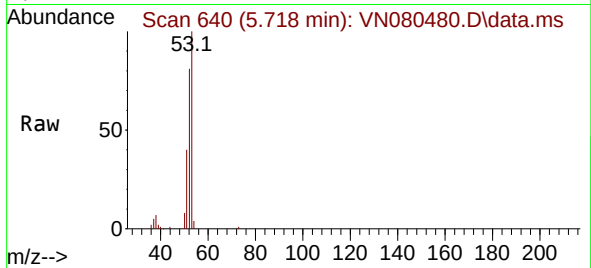
Tgt Ion: 41 Resp: 77018
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 48.9 39.1 58.7





#15
Acrylonitrile
Concen: 92.667 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

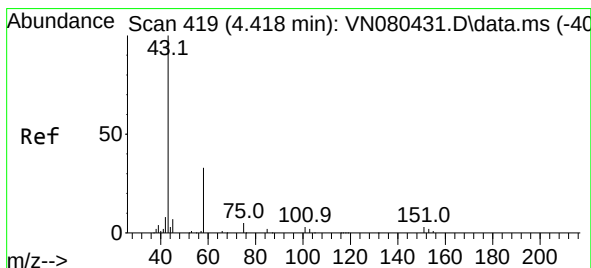
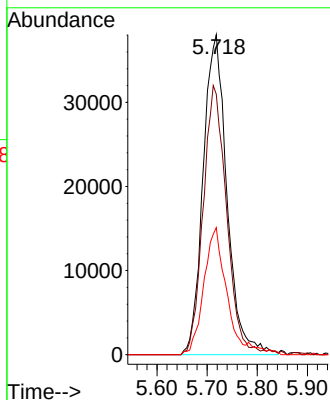
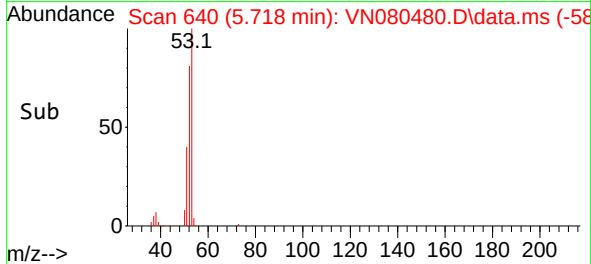
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 53 Resp: 125662
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.7 28.9 43.3

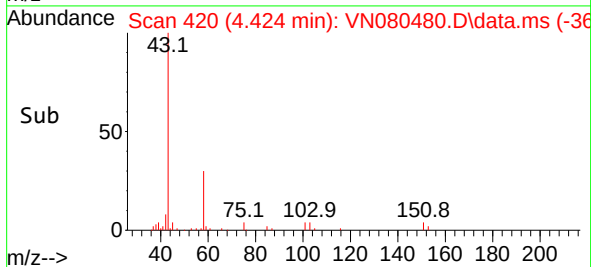
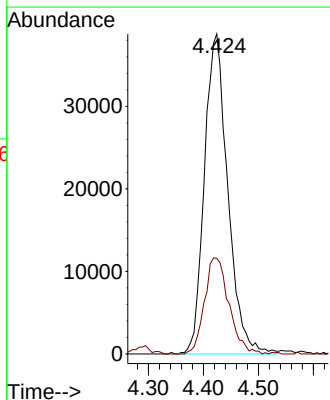
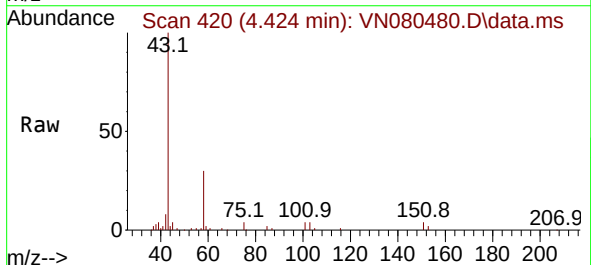
Manual Integrations
APPROVED

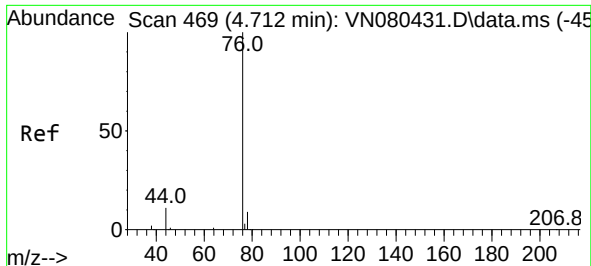
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 158.713 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

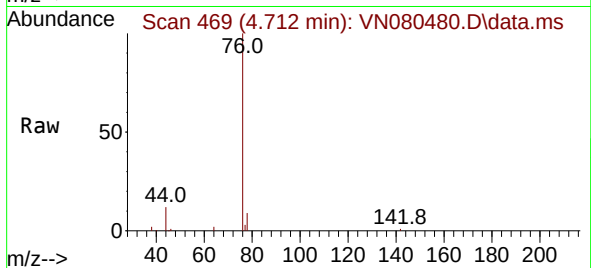
Tgt Ion: 43 Resp: 114678
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0





#17
Carbon Disulfide
Concen: 17.332 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

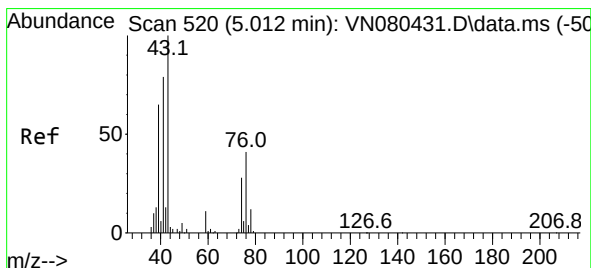
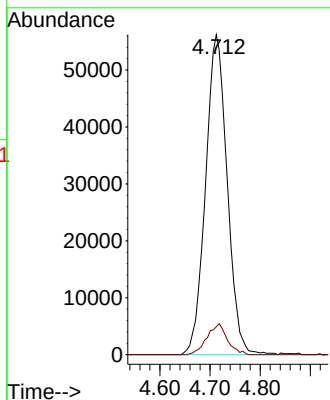
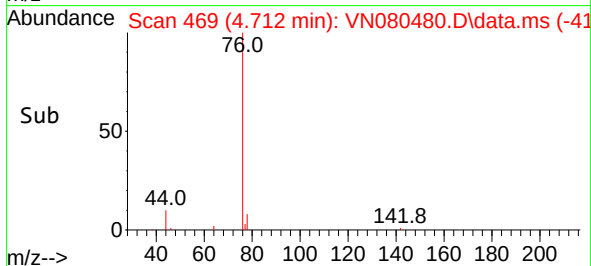
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



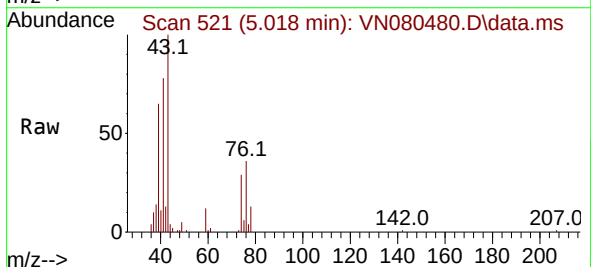
Tgt Ion: 76 Resp: 16847
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

Manual Integrations
APPROVED

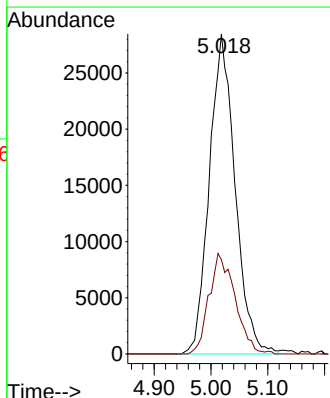
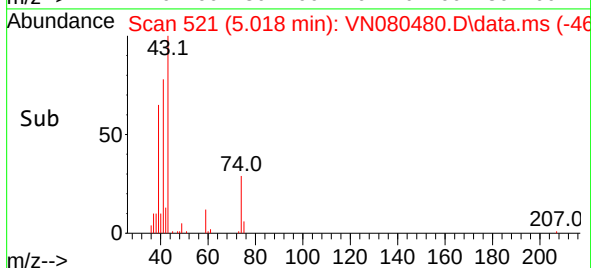
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

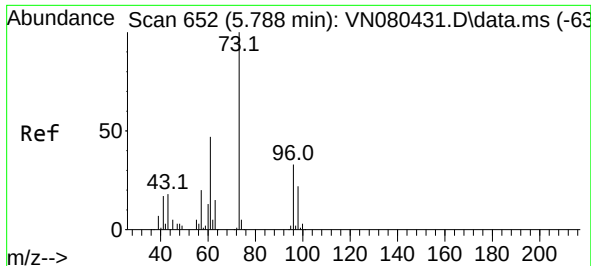


#18
Methyl Acetate
Concen: 19.261 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion: 43 Resp: 89550
Ion Ratio Lower Upper
43 100
74 31.9 26.2 39.4





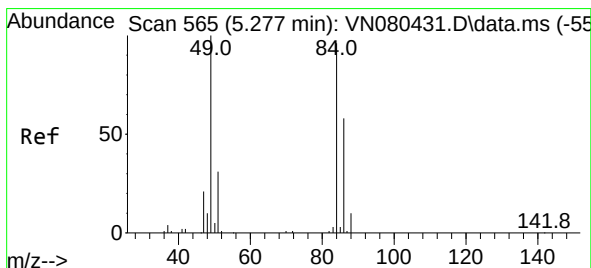
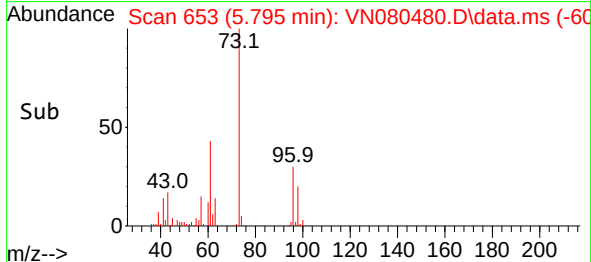
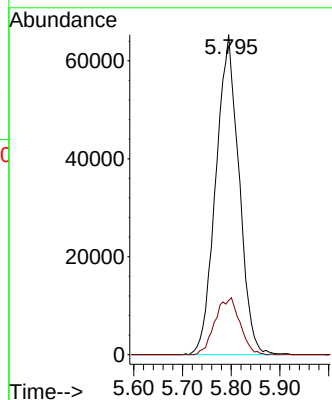
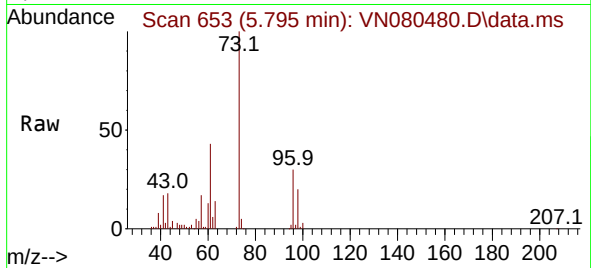
#19
Methyl tert-butyl Ether
Concen: 18.863 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 73 Resp: 21585
Ion Ratio Lower Upper
73 100
57 17.0 15.6 23.4

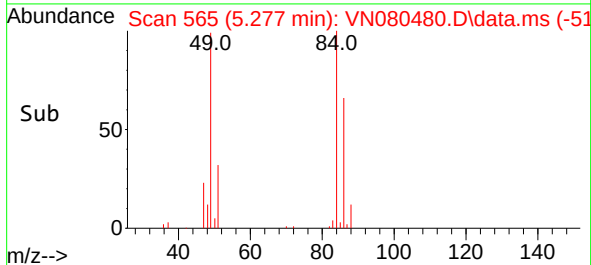
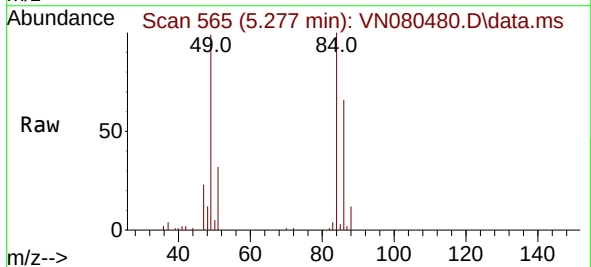
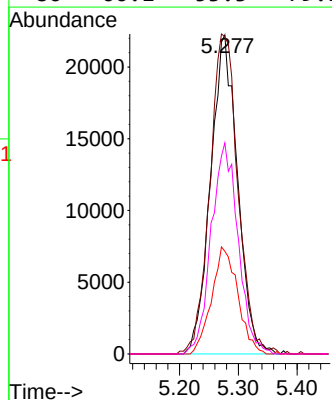
Manual Integrations
APPROVED

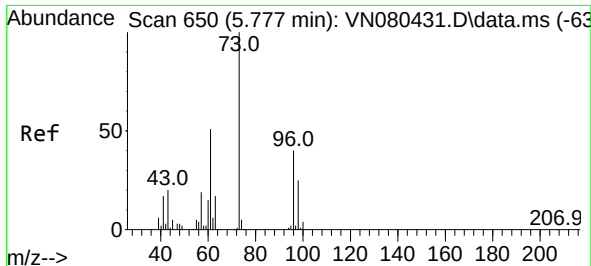
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 18.327 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

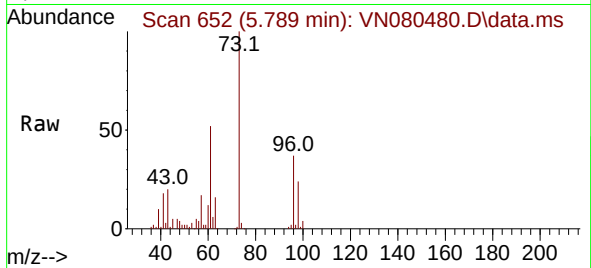
Tgt Ion: 84 Resp: 70868
Ion Ratio Lower Upper
84 100
49 99.4 79.7 119.5
51 32.2 25.2 37.8
86 66.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.499 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

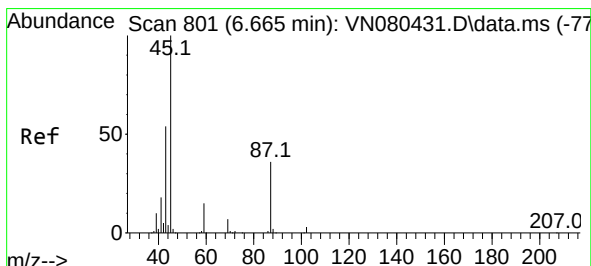
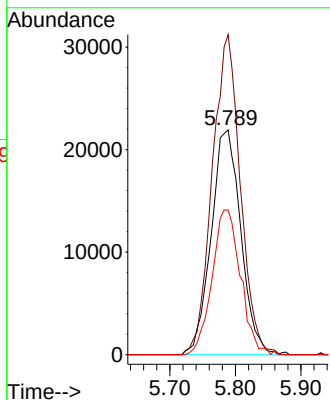
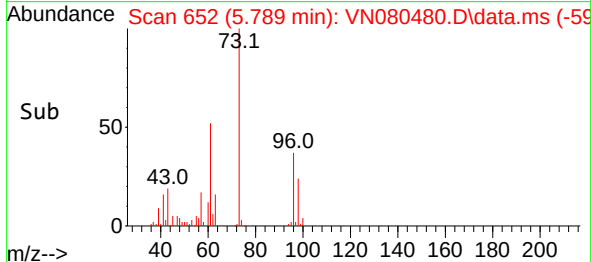
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 96 Resp: 68800
Ion Ratio Lower Upper
96 100
61 142.4 90.1 135.1
98 64.3 46.4 69.6

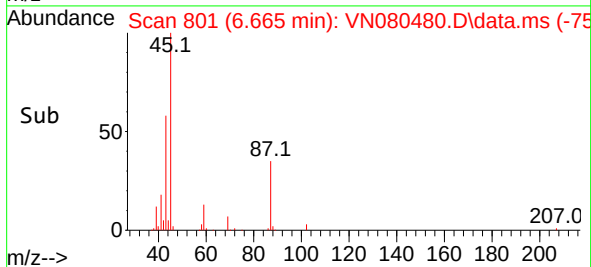
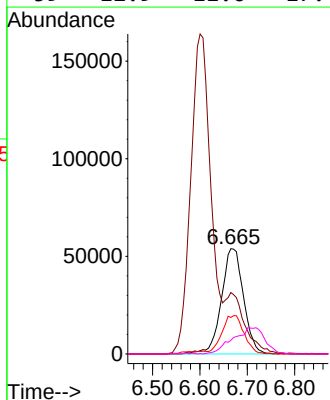
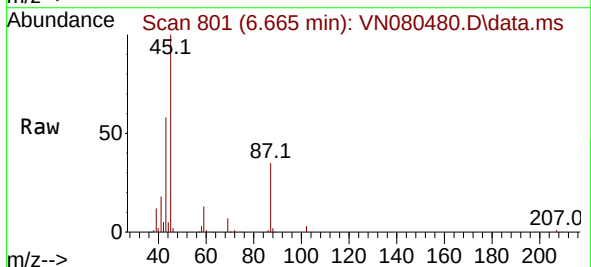
Manual Integrations
APPROVED

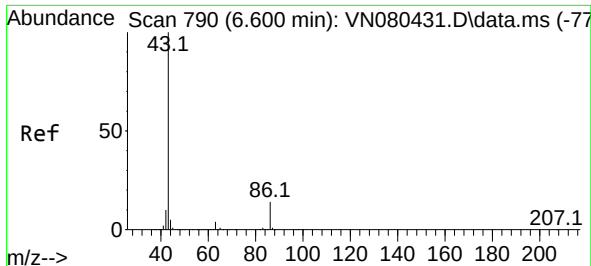
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 19.125 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

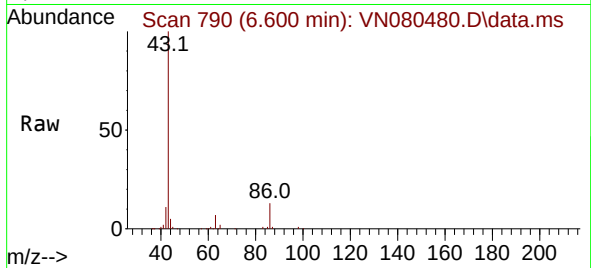
Tgt Ion: 45 Resp: 175168
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 34.7 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 91.450 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

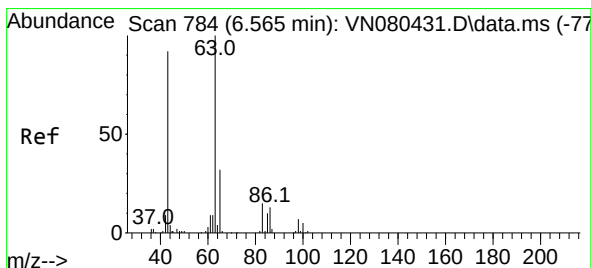
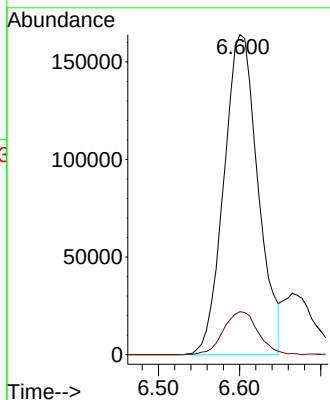
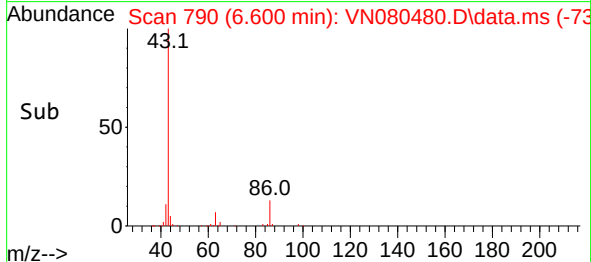
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01



Tgt Ion: 43 Resp: 481058
 Ion Ratio Lower Upper
 43 100
 86 13.5 13.0 19.6

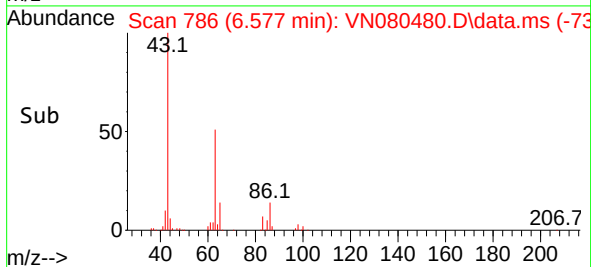
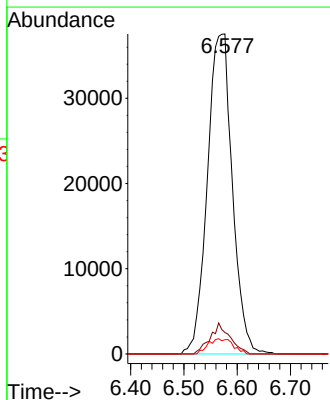
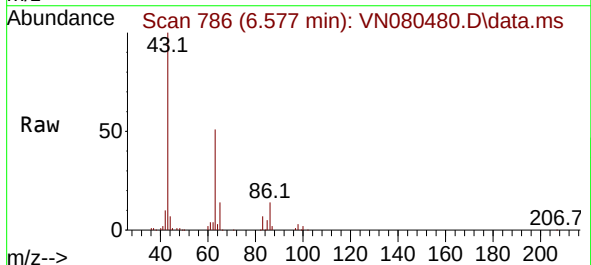
Manual Integrations
 APPROVED

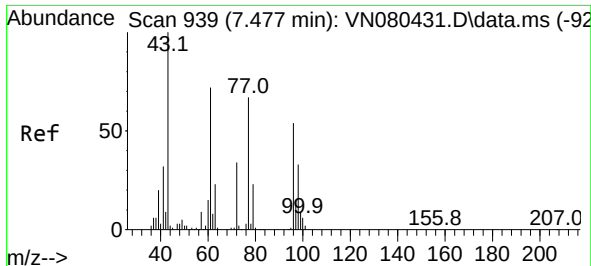
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.166 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.012 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

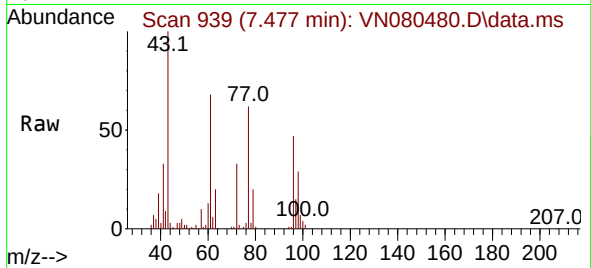
Tgt Ion: 63 Resp: 122472
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 107.635 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

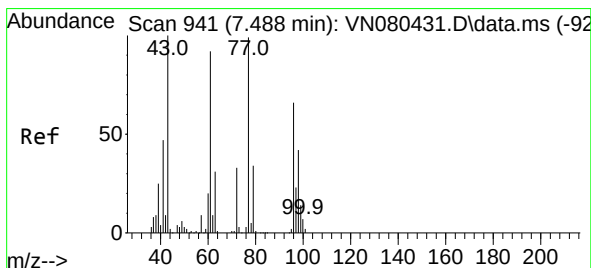
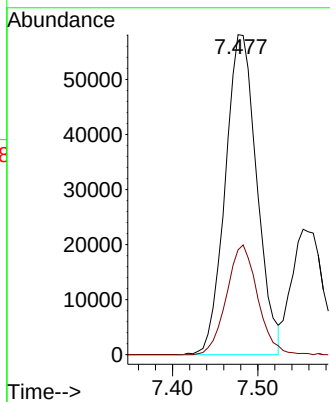
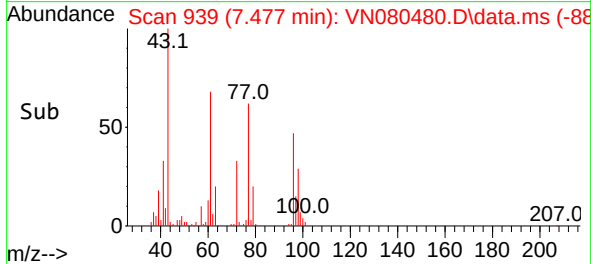
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 43 Resp: 14982
Ion Ratio Lower Upper
43 100
72 32.7 30.2 45.2

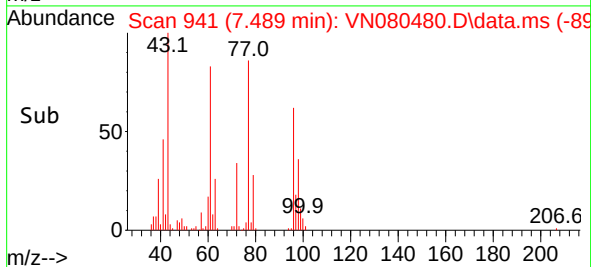
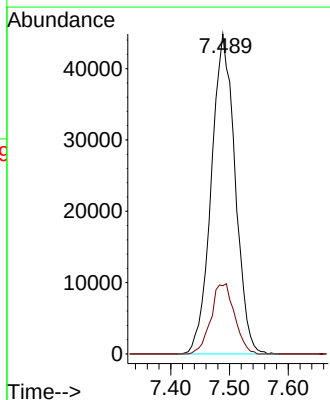
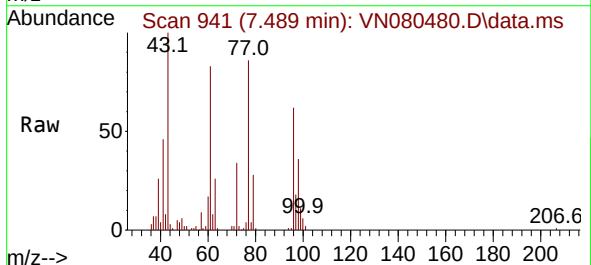
Manual Integrations
APPROVED

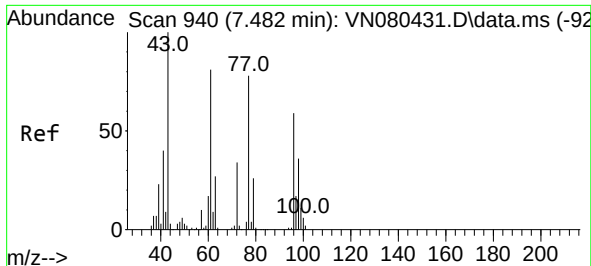
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 19.304 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

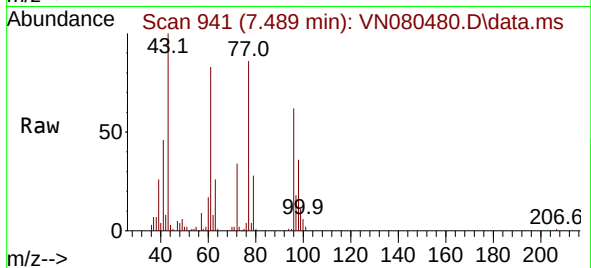
Tgt Ion: 77 Resp: 126136
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.093 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

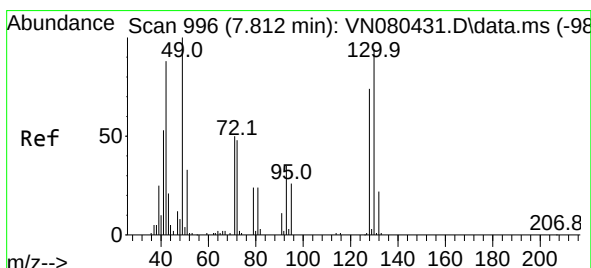
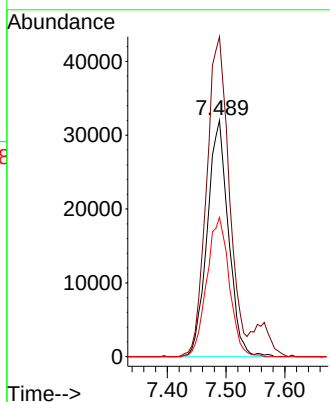
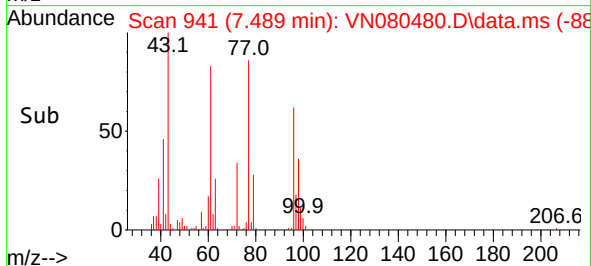
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01



Tgt Ion: 96 Resp: 8037
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 255.2
 98 62.3 0.0 128.8

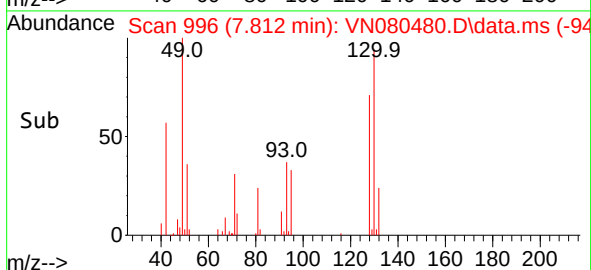
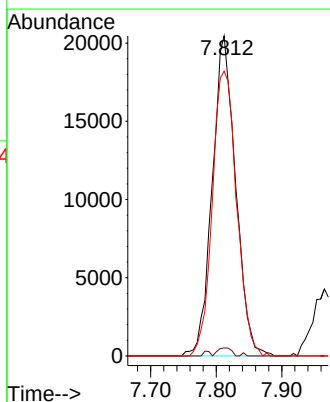
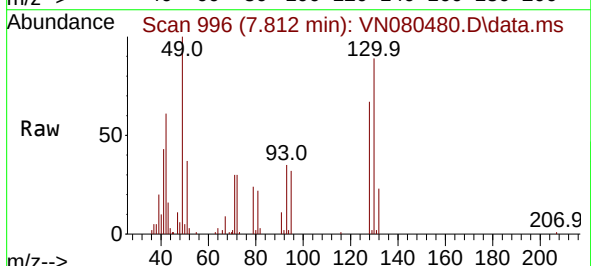
Manual Integrations
 APPROVED

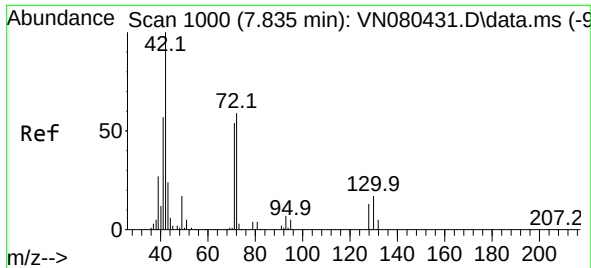
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 20.609 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

Tgt Ion: 49 Resp: 50565
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 92.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.612 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 42 Resp: 92310

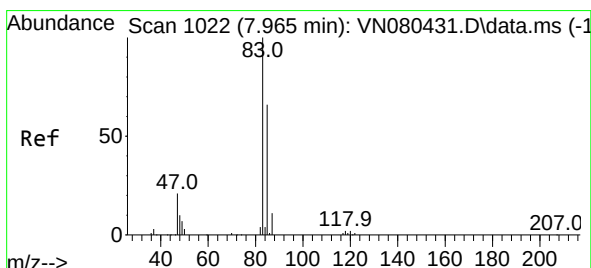
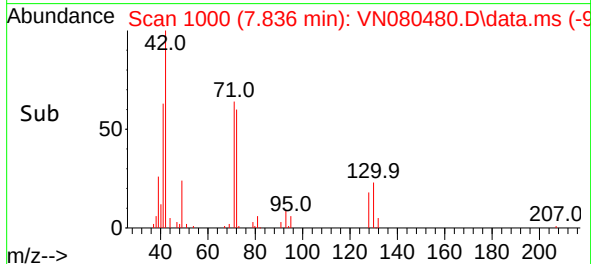
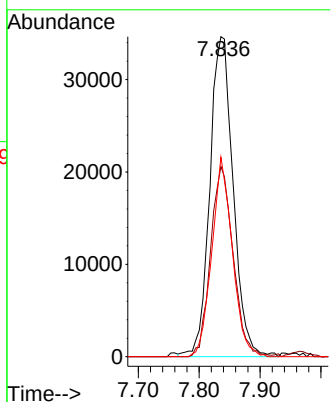
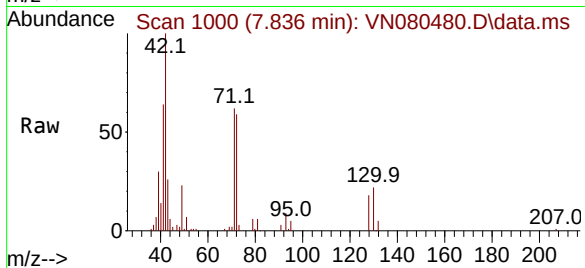
Ion	Ratio	Lower	Upper
42	100		
72	57.4	49.8	74.6
71	54.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 19.908 ug/l

RT: 7.965 min Scan# 1022

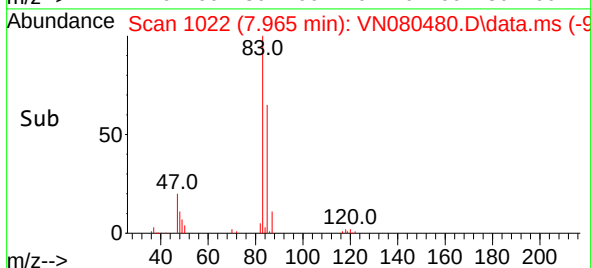
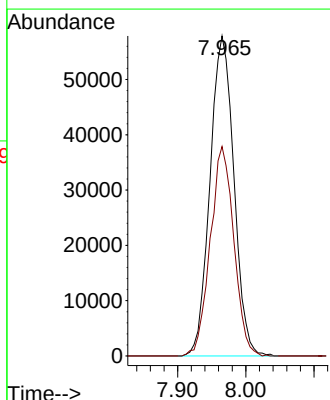
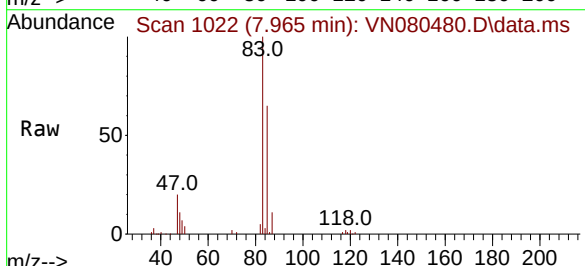
Delta R.T. 0.000 min

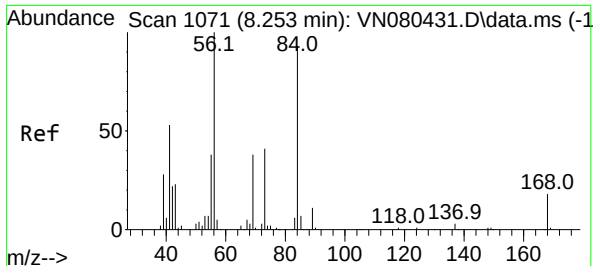
Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Tgt Ion: 83 Resp: 141214

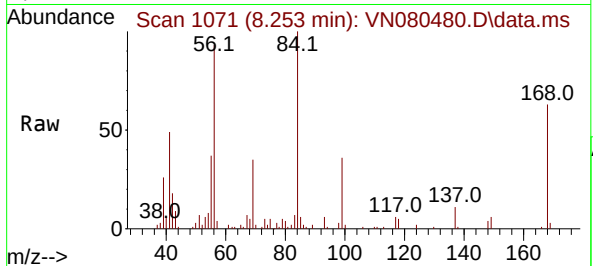
Ion	Ratio	Lower	Upper
83	100		
85	65.4	55.4	83.0





#31
Cyclohexane
Concen: 17.605 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

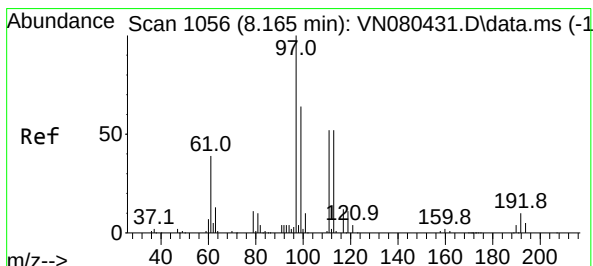
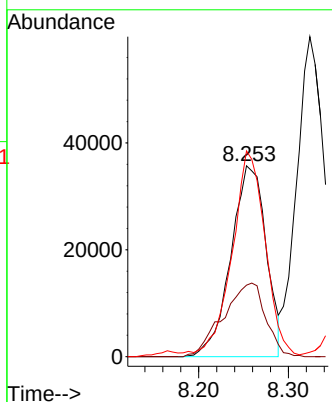
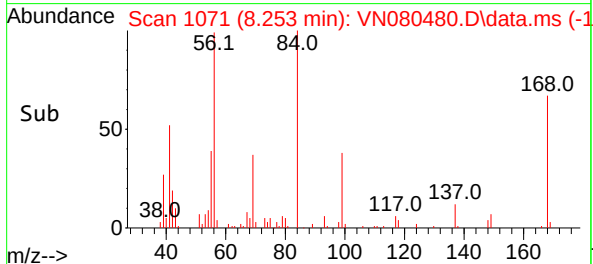
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



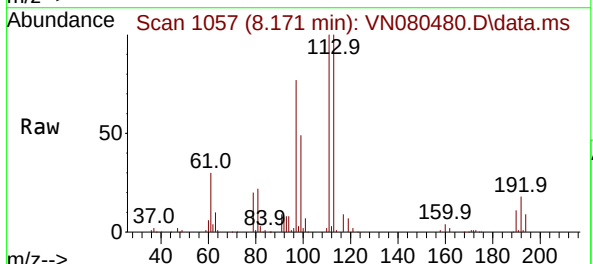
Tgt Ion: 56 Resp: 97562
Ion Ratio Lower Upper
56 100
69 37.5 26.8 40.2
84 105.8 81.8 122.6

Manual Integrations
APPROVED

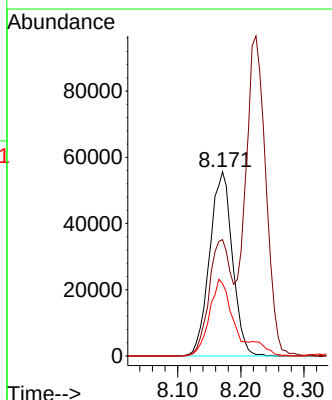
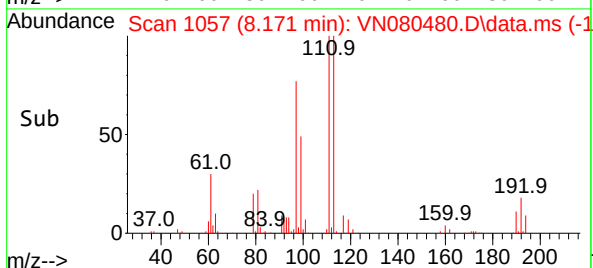
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

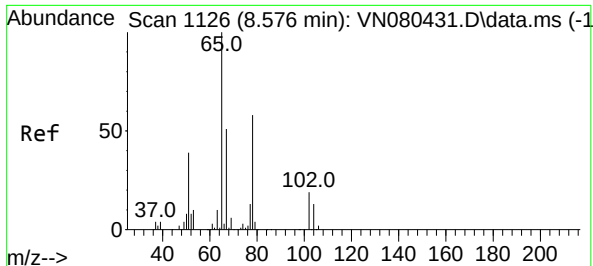


#32
1,1,1-Trichloroethane
Concen: 20.088 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion: 97 Resp: 139511
Ion Ratio Lower Upper
97 100
99 60.7 50.3 75.5
61 42.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.992 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 65 Resp: 236318

Ion Ratio Lower Upper

65 100

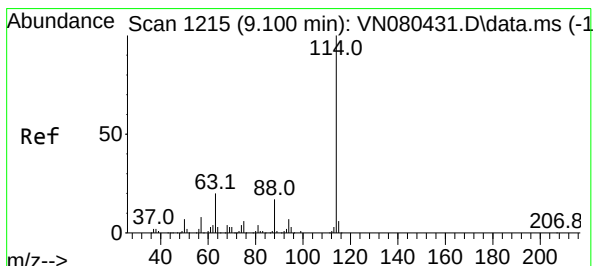
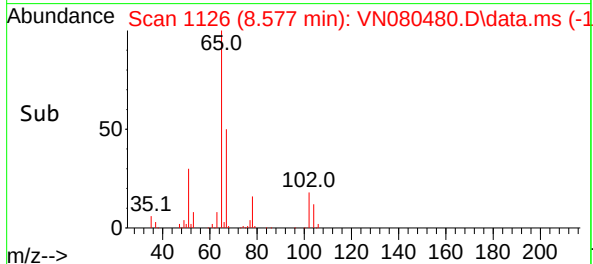
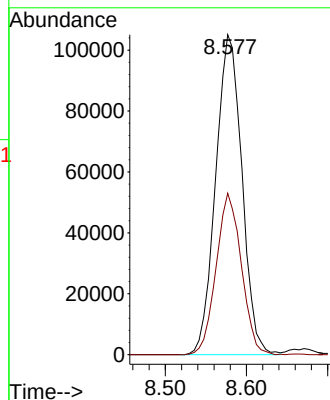
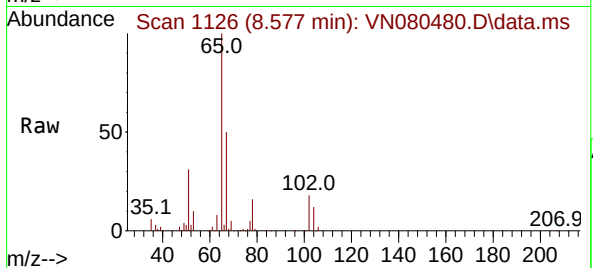
67 48.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

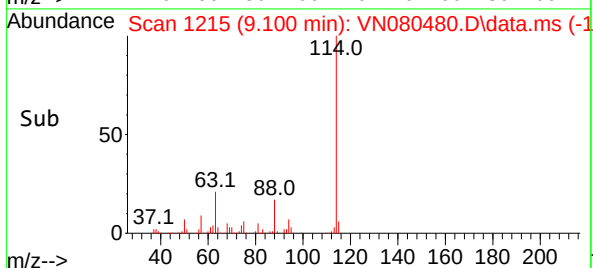
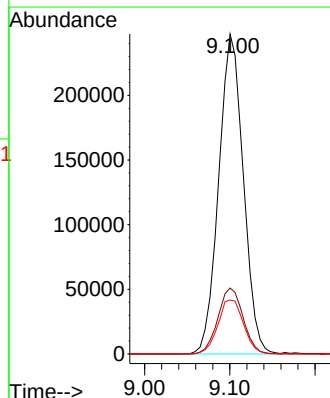
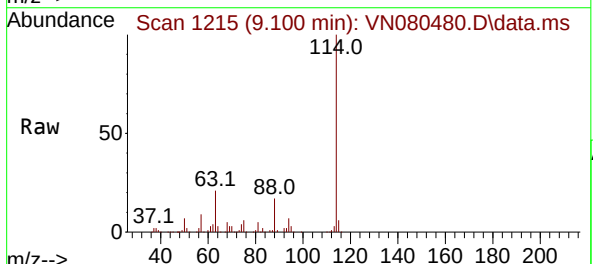
Tgt Ion:114 Resp: 495514

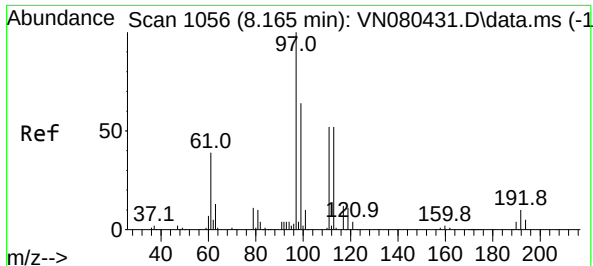
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.280 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion:113 Resp: 176818

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

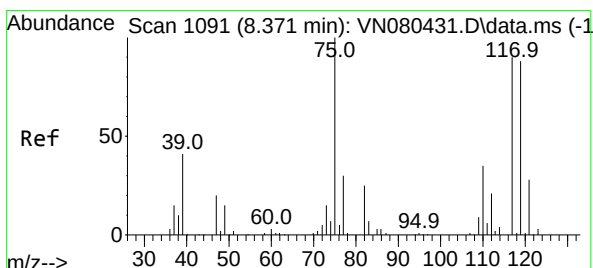
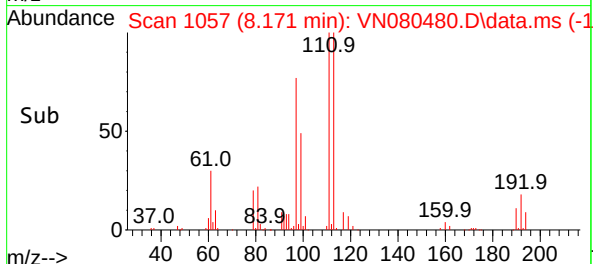
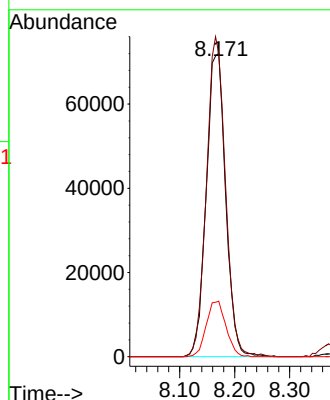
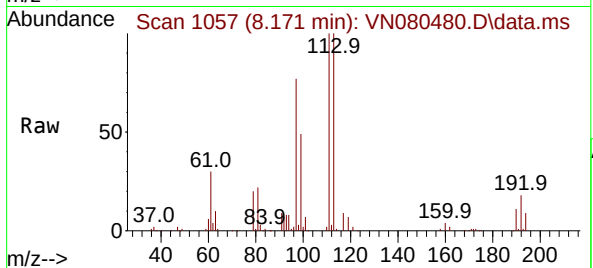
192 18.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#36

1,1-Dichloropropene

Concen: 19.595 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

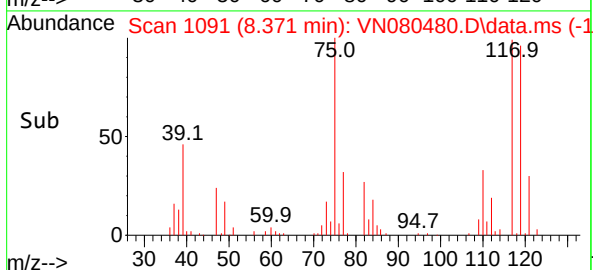
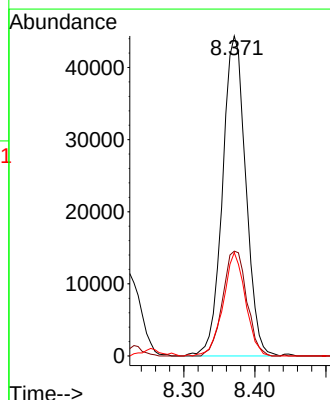
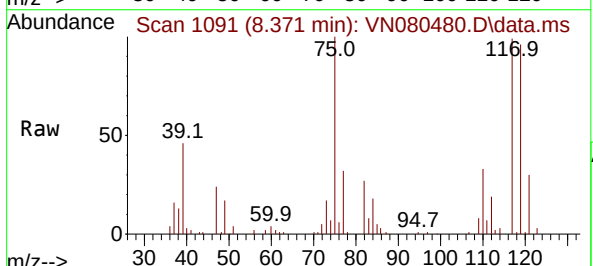
Tgt Ion: 75 Resp: 100658

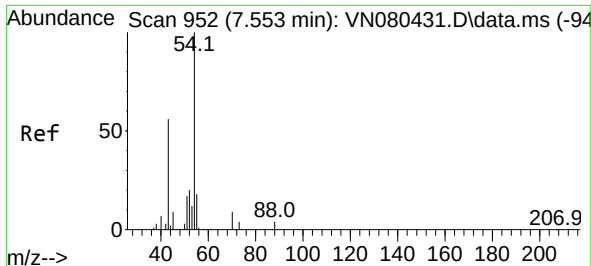
Ion Ratio Lower Upper

75 100

110 34.1 19.1 57.3

77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 19.165 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 43 Resp: 61649

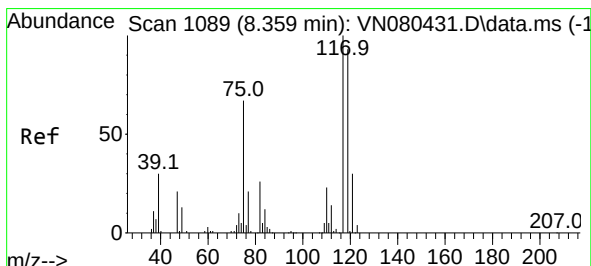
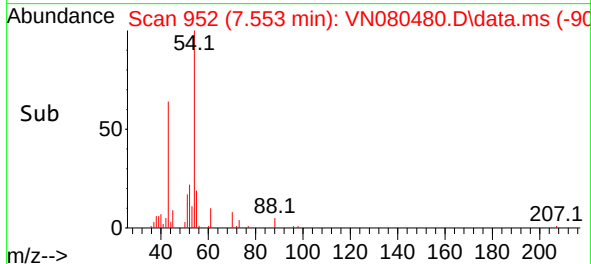
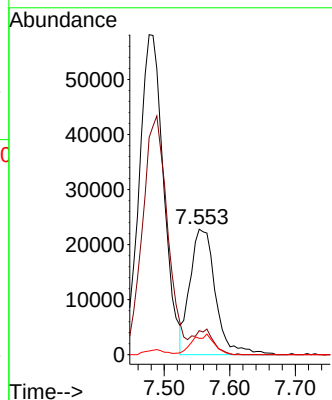
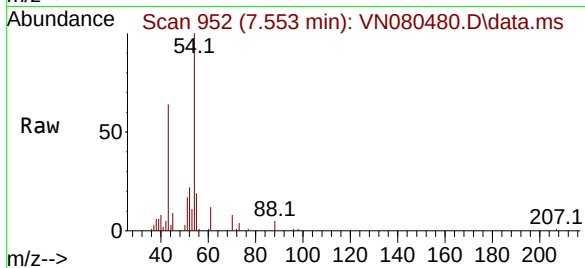
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.2	19.8
70	14.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 20.326 ug/l

RT: 8.359 min Scan# 1089

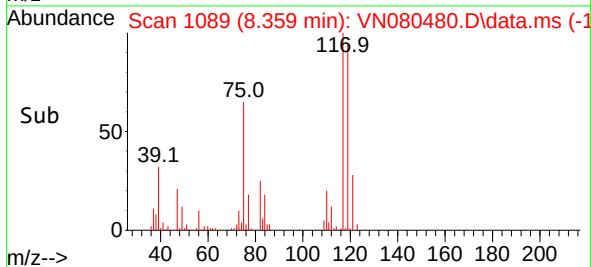
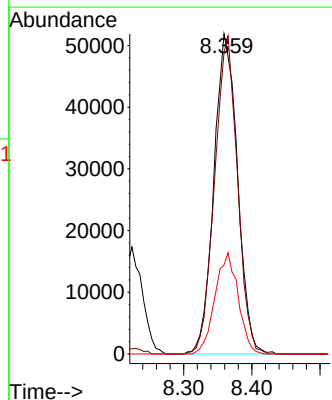
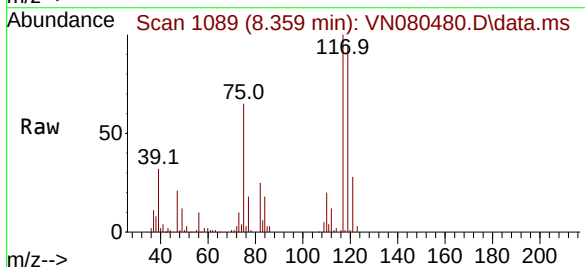
Delta R.T. 0.000 min

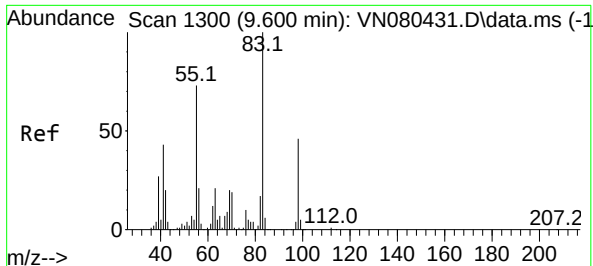
Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Tgt Ion:117 Resp: 124761

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.3	115.9
121	27.9	23.3	34.9





#39

Methylcyclohexane

Concen: 18.396 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

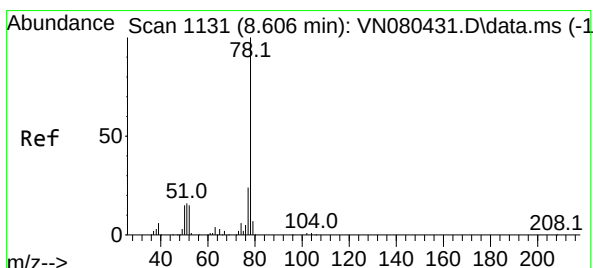
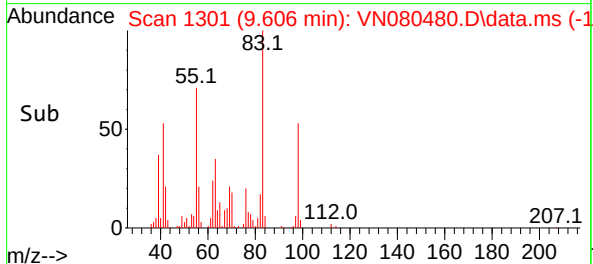
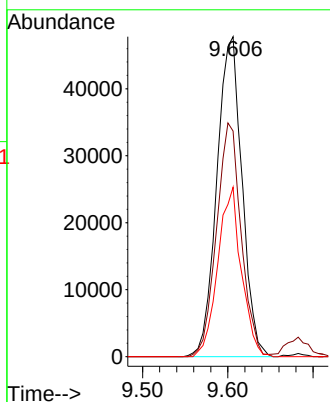
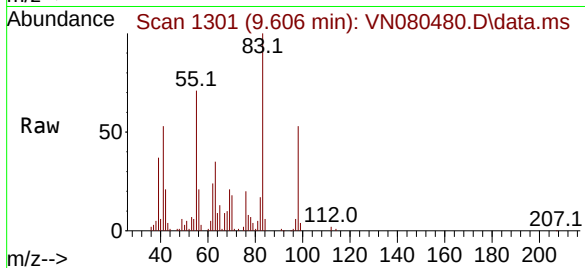
Tgt Ion: 83	Resp: 9817
Ion Ratio	Lower Upper
83	100
55	70.5 49.1 73.7
98	52.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 19.277 ug/l

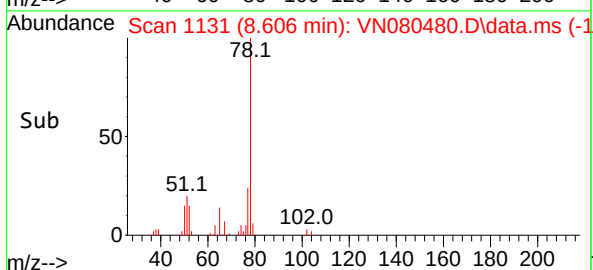
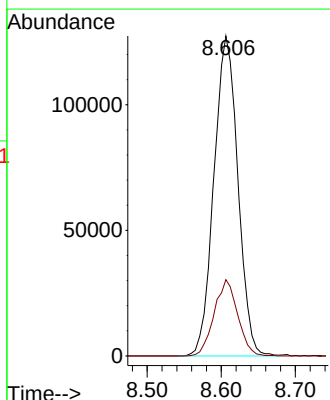
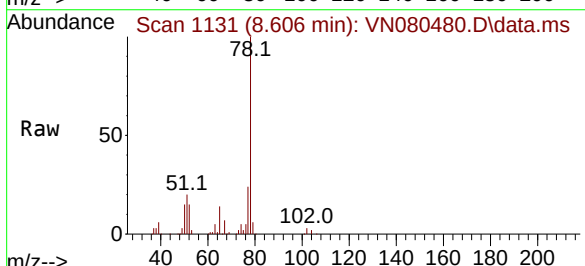
RT: 8.606 min Scan# 1131

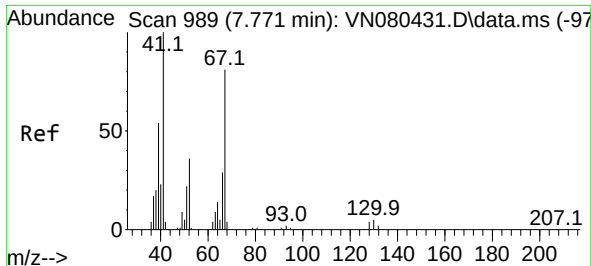
Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

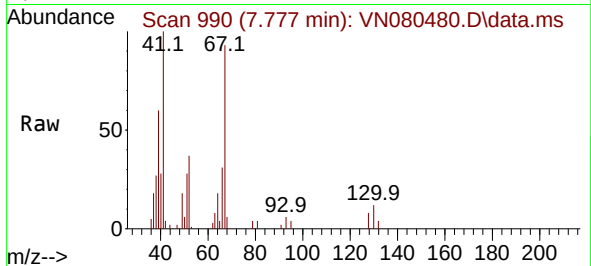
Tgt Ion: 78	Resp: 285954
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 19.744 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

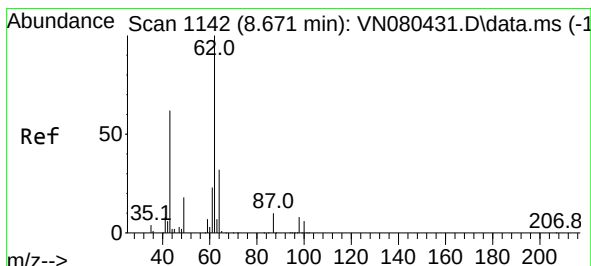
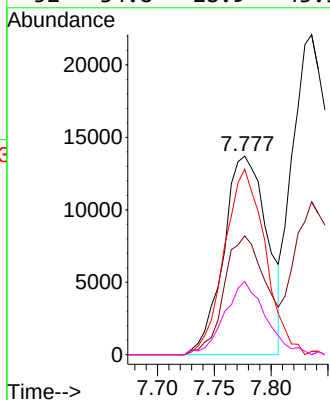
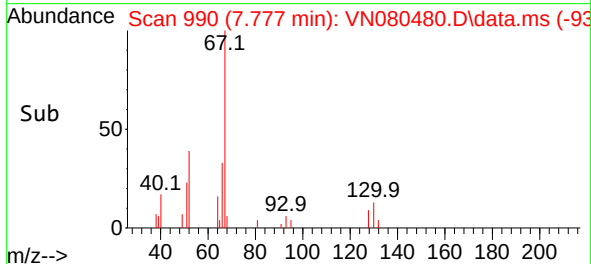
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



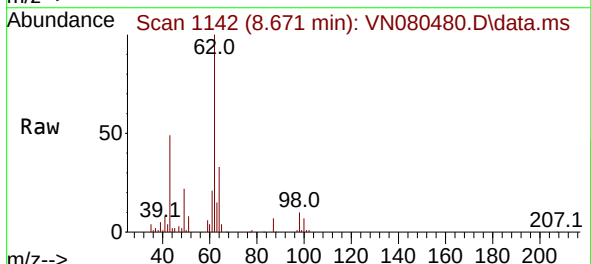
Tgt Ion: 41 Resp: 36610
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 87.6 77.5 116.3
52 34.8 28.9 43.3

Manual Integrations
APPROVED

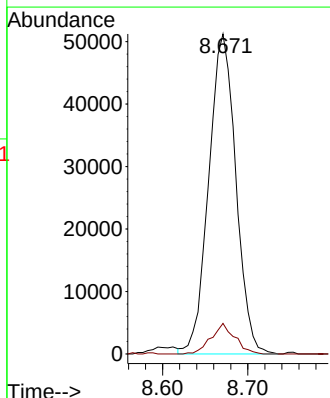
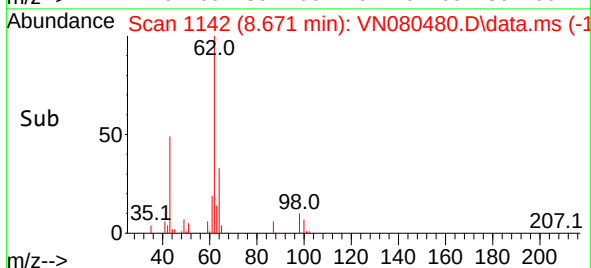
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

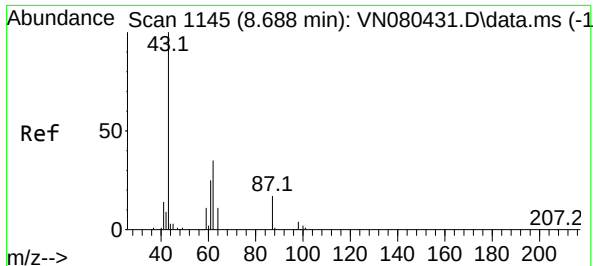


#42
1,2-Dichloroethane
Concen: 20.649 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



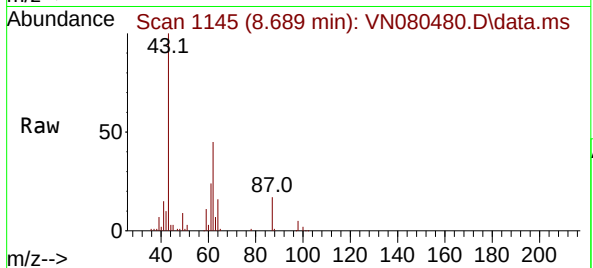
Tgt Ion: 62 Resp: 113425
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.436 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

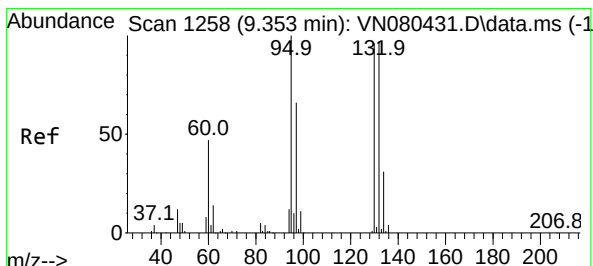
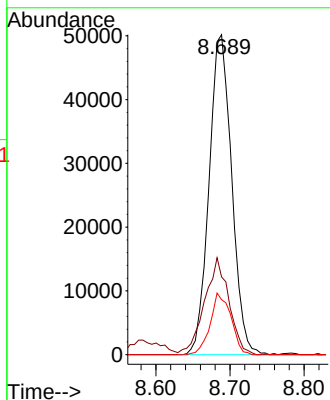
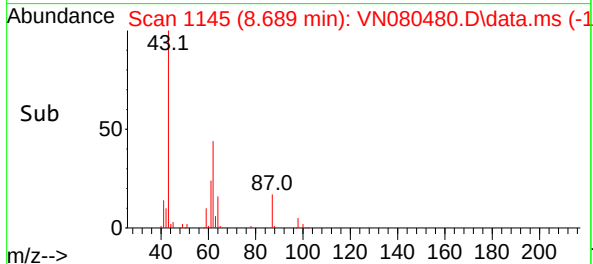
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



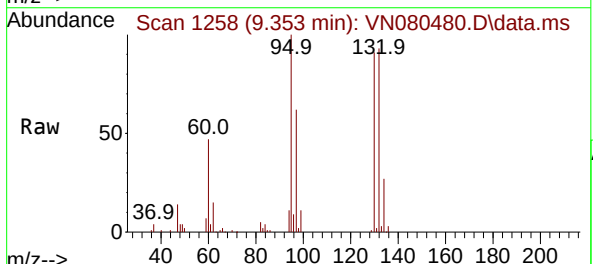
Tgt Ion: 43 Resp: 10663
Ion Ratio Lower Upper
43 100
61 32.6 24.7 37.1
87 17.6 14.6 21.8

Manual Integrations
APPROVED

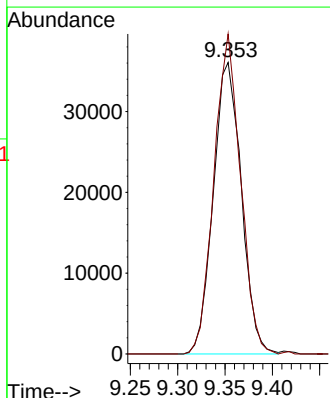
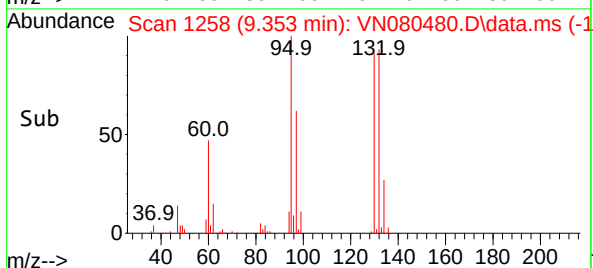
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

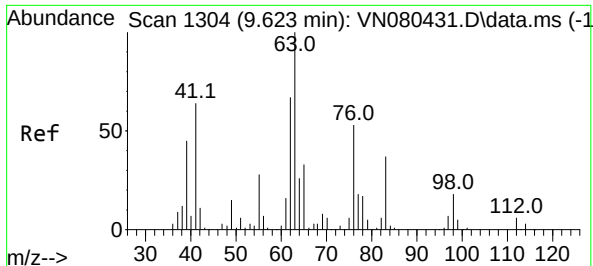


#44
Trichloroethene
Concen: 18.601 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion:130 Resp: 74384
Ion Ratio Lower Upper
130 100
95 109.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.546 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 63 Resp: 68098

Ion Ratio Lower Upper

63 100

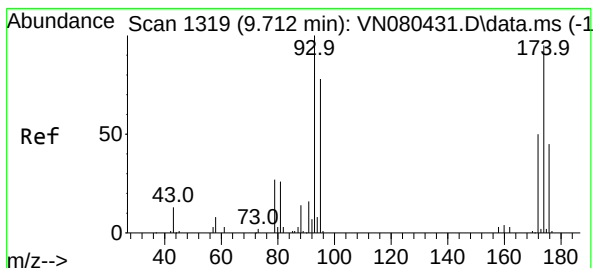
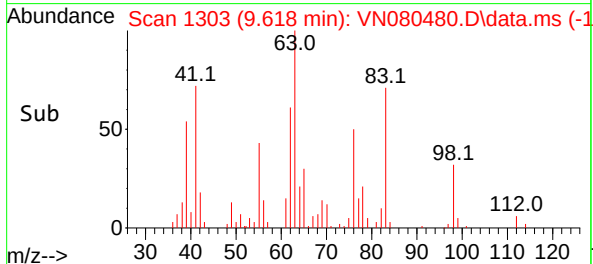
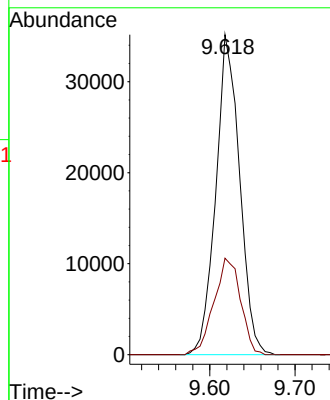
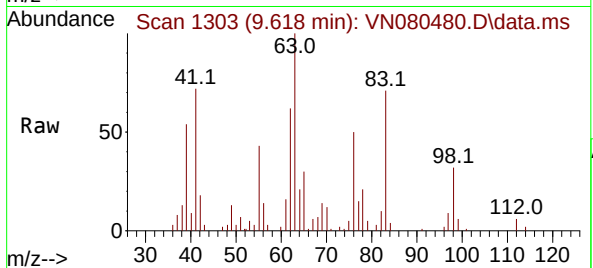
65 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 19.573 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

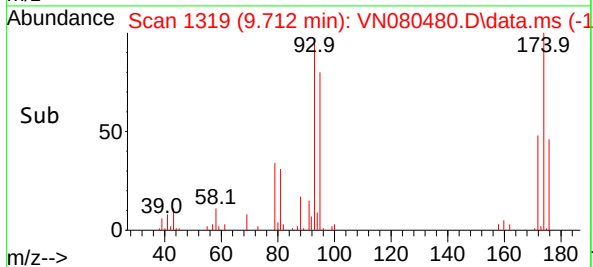
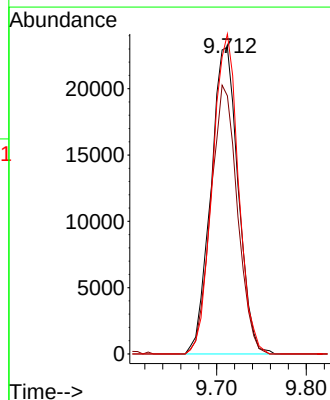
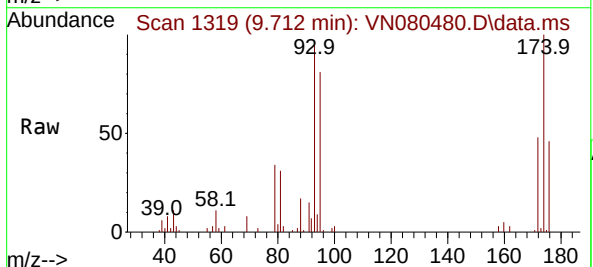
Tgt Ion: 93 Resp: 48972

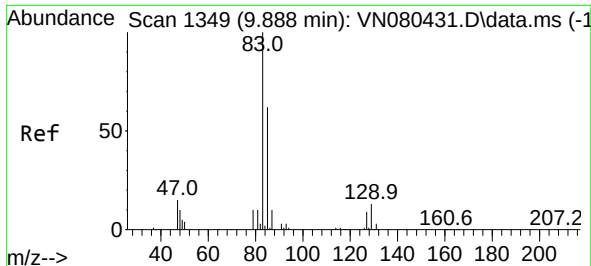
Ion Ratio Lower Upper

93 100

95 85.0 63.8 95.8

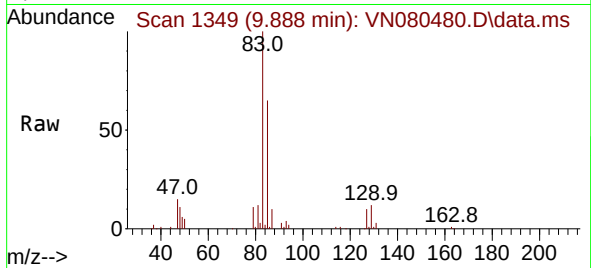
174 98.8 65.6 98.4#





#47
Bromodichloromethane
Concen: 20.967 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

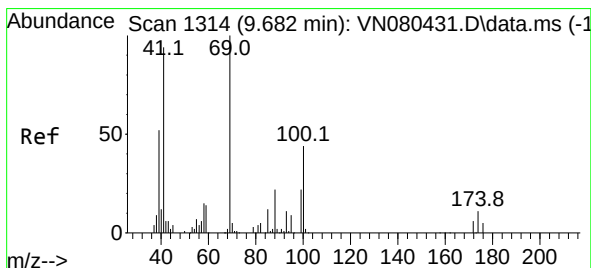
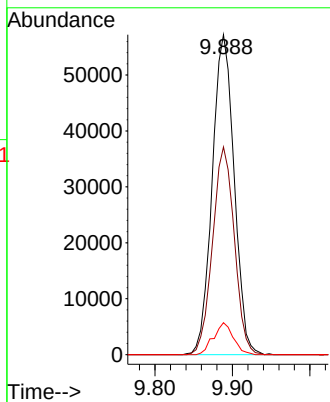
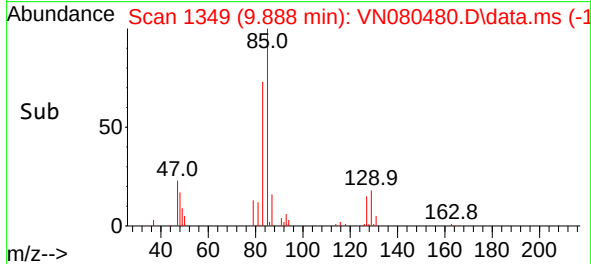
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



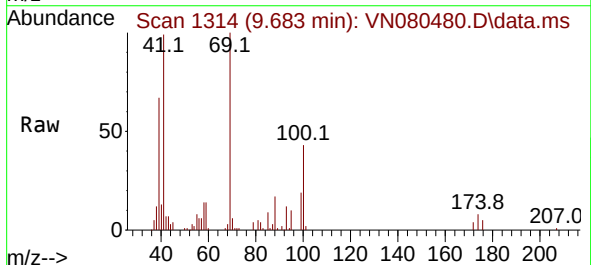
Tgt Ion: 83 Resp: 112429
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 10.0 7.0 10.6

Manual Integrations
APPROVED

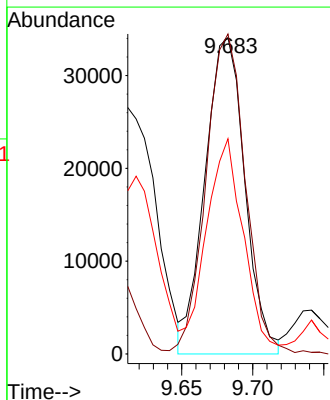
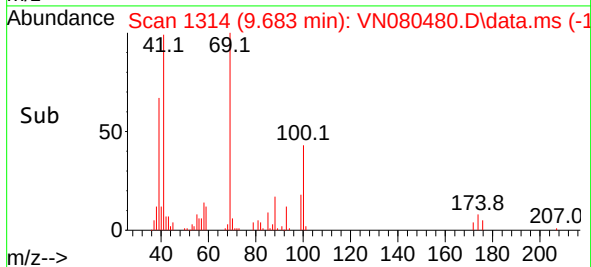
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

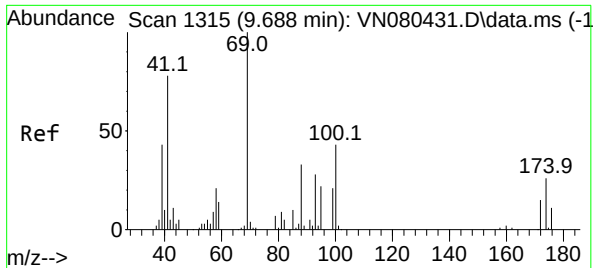


#48
Methyl methacrylate
Concen: 19.284 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion: 41 Resp: 66561
Ion Ratio Lower Upper
41 100
69 100.2 90.4 135.6
39 63.9 54.6 81.8





#49

1,4-Dioxane

Concen: 354.727 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 88 Resp: 1855

Ion Ratio Lower Upper

88 100

43 30.5 17.0 25.6

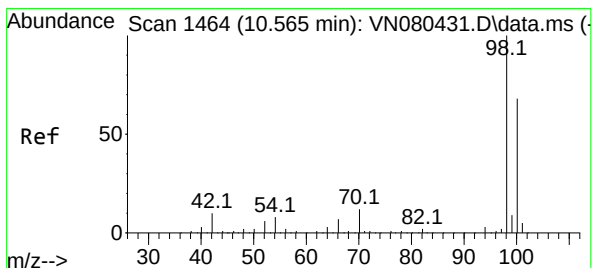
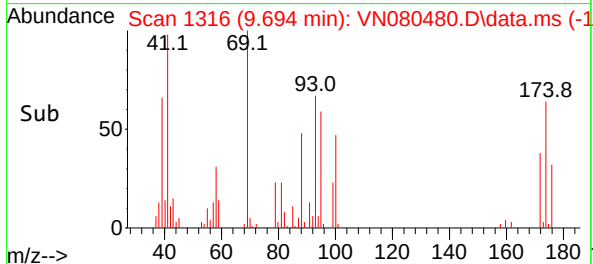
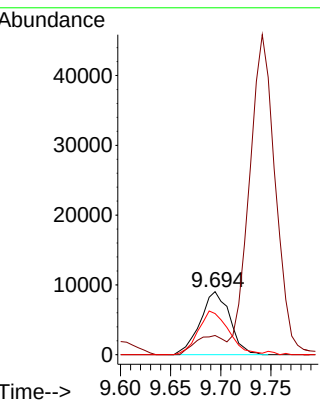
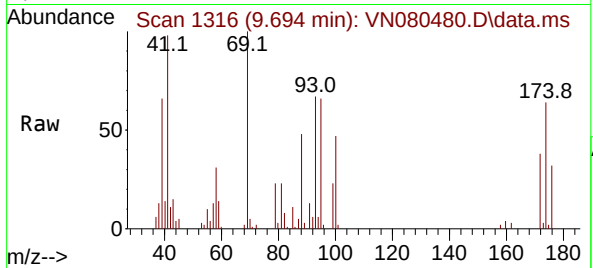
58 70.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#50

Toluene-d8

Concen: 55.323 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080480.D

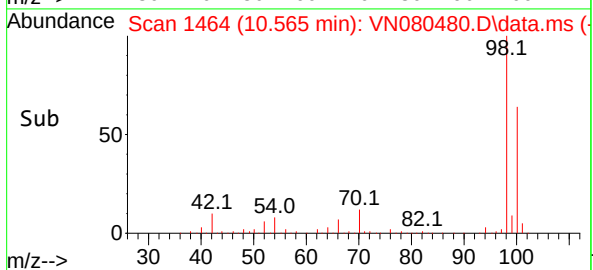
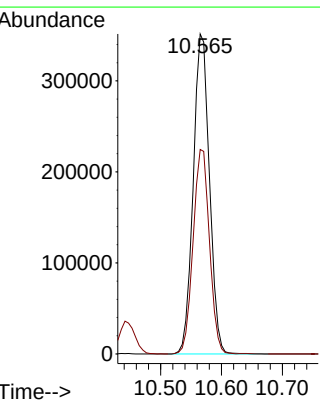
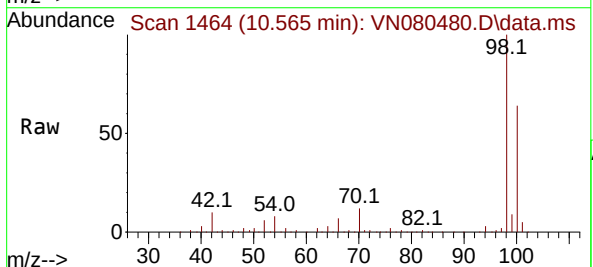
Acq: 14 Dec 2023 12:59

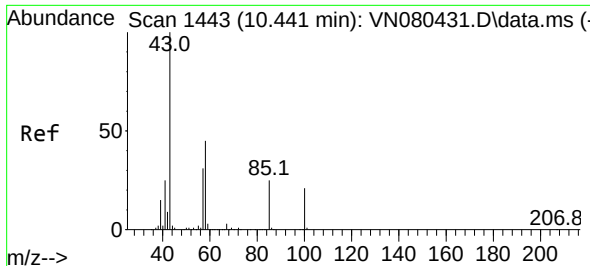
Tgt Ion: 98 Resp: 648226

Ion Ratio Lower Upper

98 100

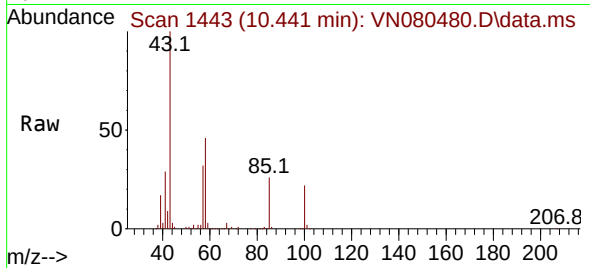
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 97.587 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

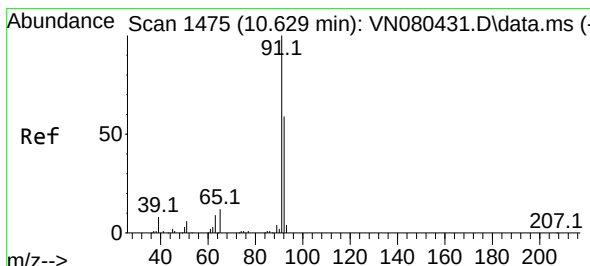
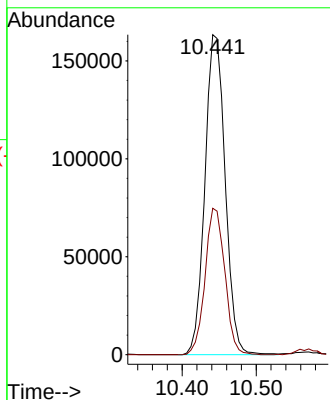
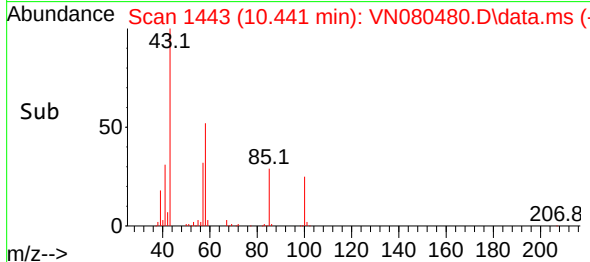
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



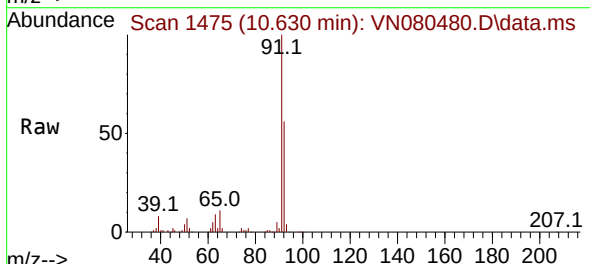
Tgt Ion: 43 Resp: 310854
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

Manual Integrations
APPROVED

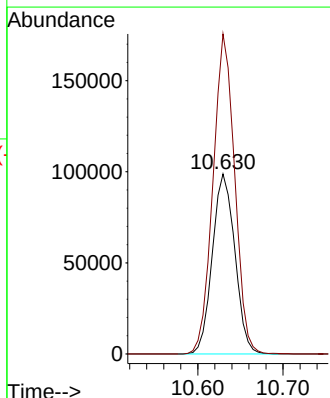
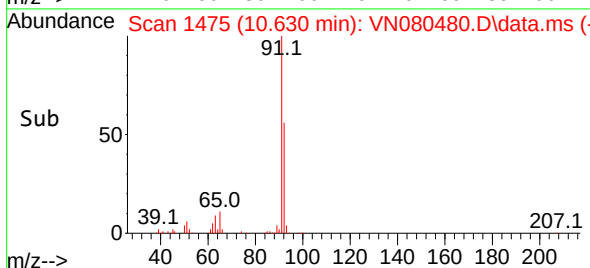
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

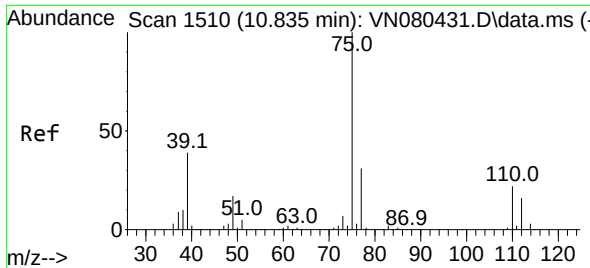


#52
Toluene
Concen: 19.344 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



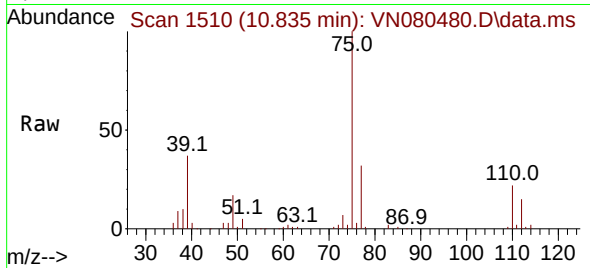
Tgt Ion: 92 Resp: 181272
Ion Ratio Lower Upper
92 100
91 171.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.973 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

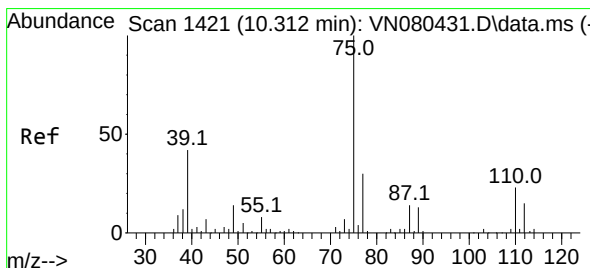
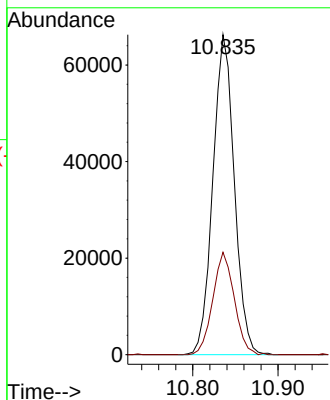
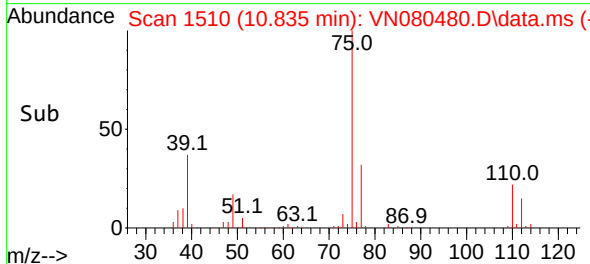
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



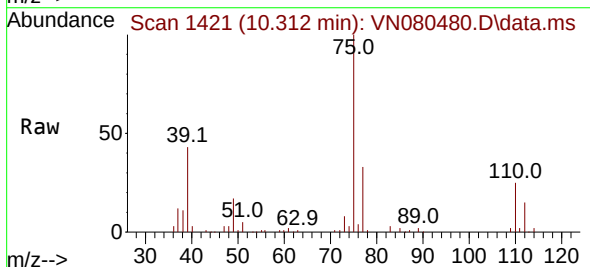
Tgt Ion: 75 Resp: 115879
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations
APPROVED

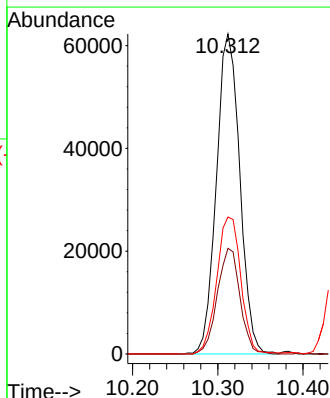
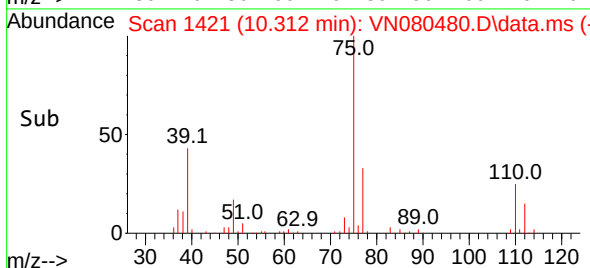
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

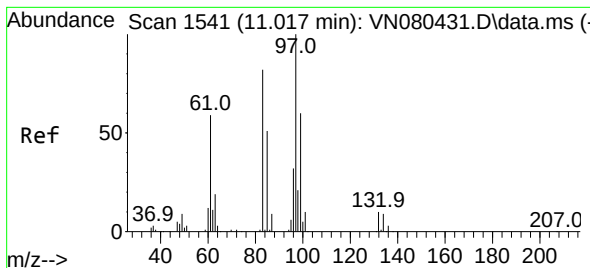


#54
cis-1,3-Dichloropropene
Concen: 19.182 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



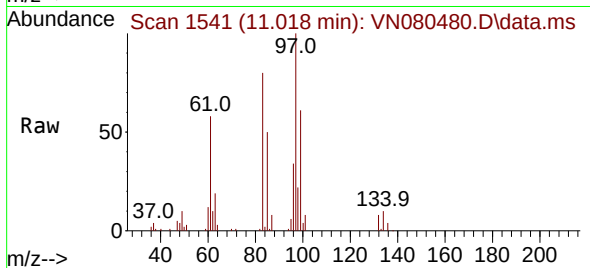
Tgt Ion: 75 Resp: 118948
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.837 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

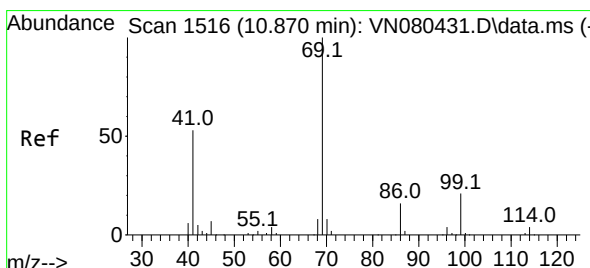
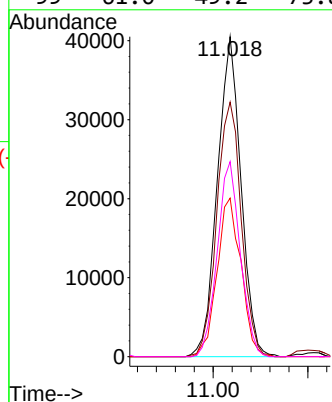
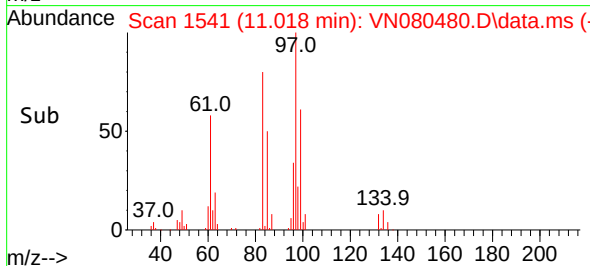
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



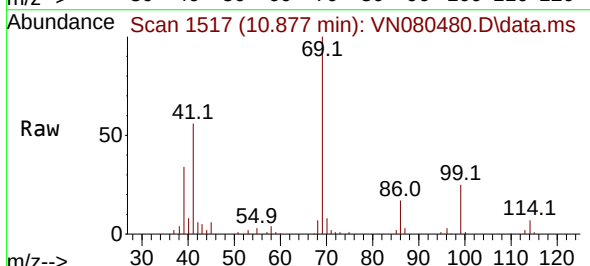
Tgt Ion: 97 Resp: 70260
Ion Ratio Lower Upper
97 100
83 79.6 65.1 97.7
85 49.5 43.4 65.2
99 61.0 49.2 73.8

Manual Integrations
APPROVED

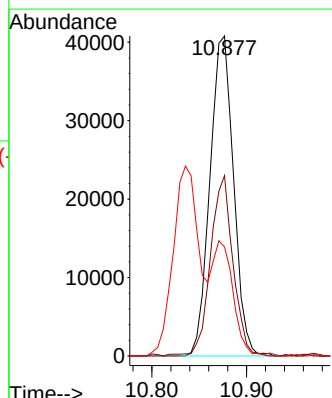
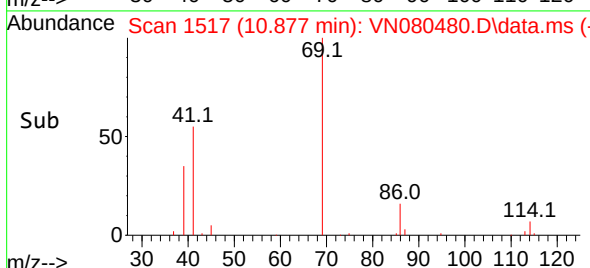
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

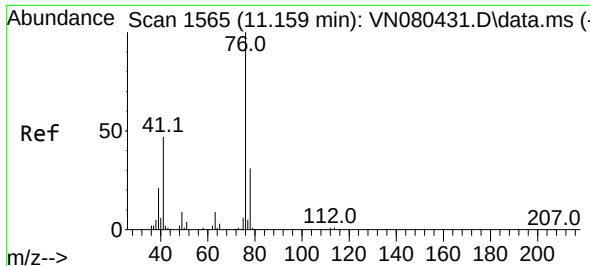


#56
Ethyl methacrylate
Concen: 18.975 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion: 69 Resp: 70836
Ion Ratio Lower Upper
69 100
41 53.7 39.6 59.4
39 31.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.276 ug/l

RT: 11.165 min Scan# 119850

Delta R.T. 0.006 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 76 Resp: 119850

Ion Ratio Lower Upper

76 100

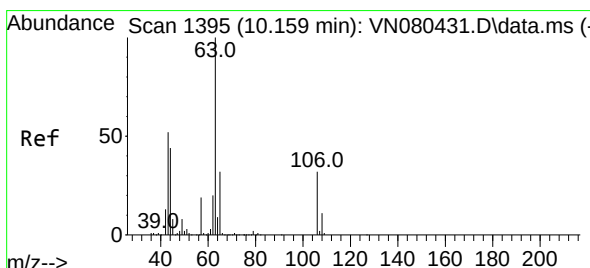
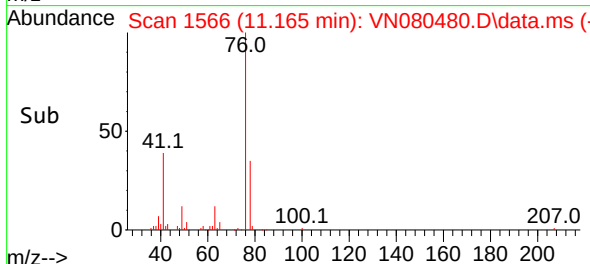
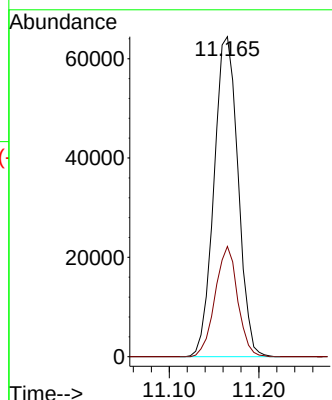
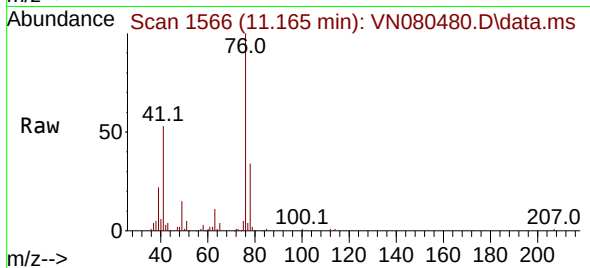
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 82.145 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080480.D

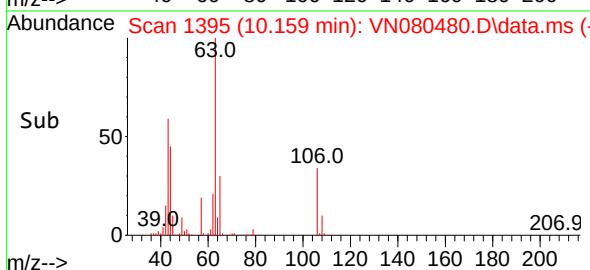
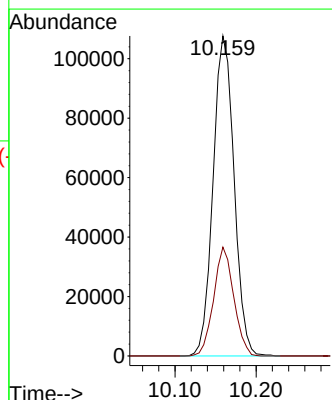
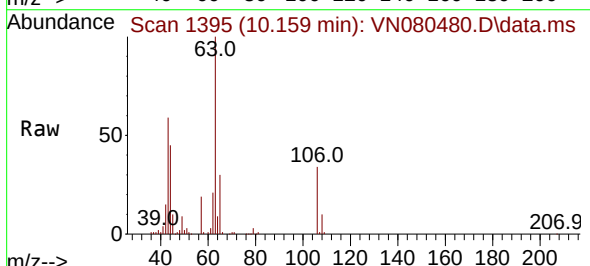
Acq: 14 Dec 2023 12:59

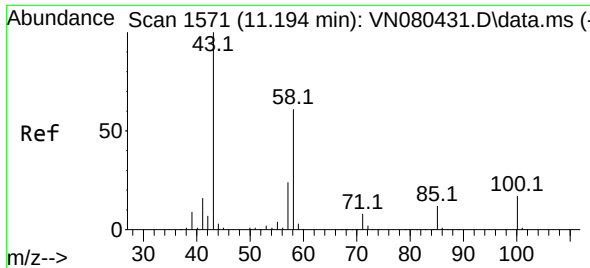
Tgt Ion: 63 Resp: 193594

Ion Ratio Lower Upper

63 100

106 32.6 26.2 39.4





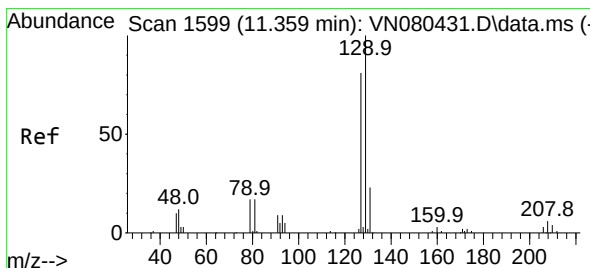
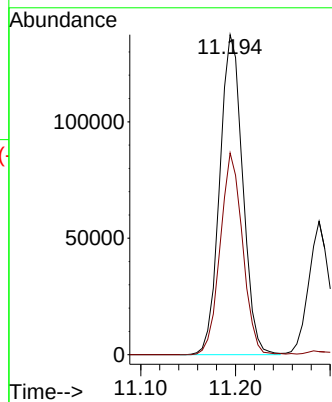
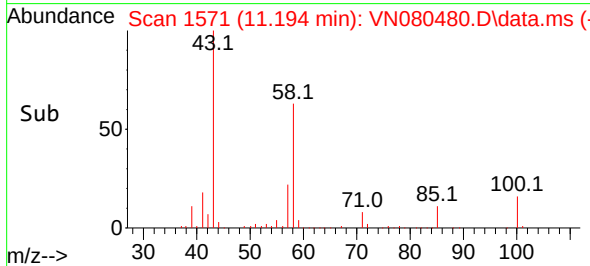
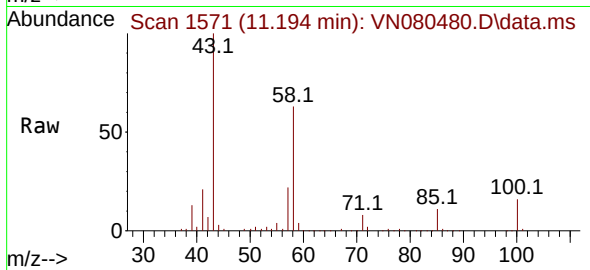
#59
2-Hexanone
Concen: 98.496 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 43 Resp: 23162
Ion Ratio Lower Upper
43 100
58 61.4 31.7 95.1

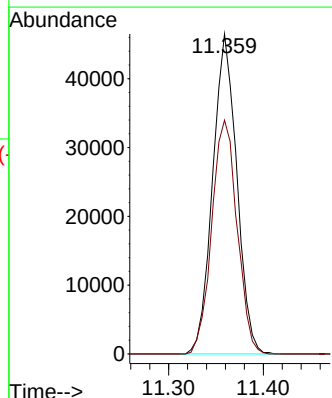
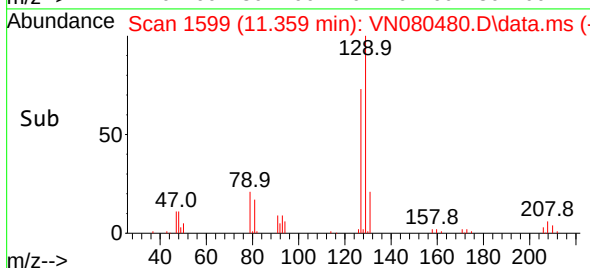
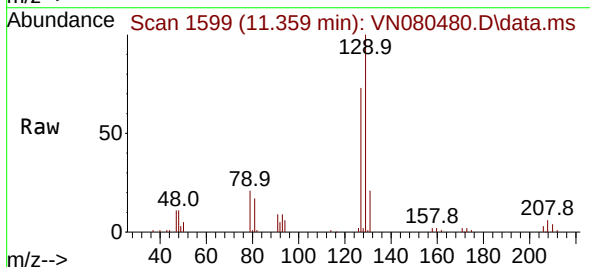
Manual Integrations
APPROVED

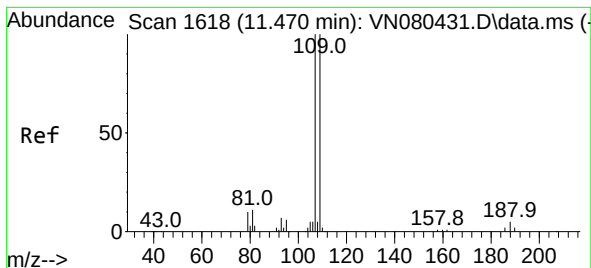
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#60
Dibromochloromethane
Concen: 20.542 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

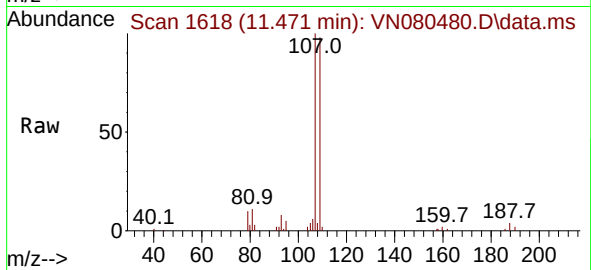
Tgt Ion:129 Resp: 82078
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.637 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

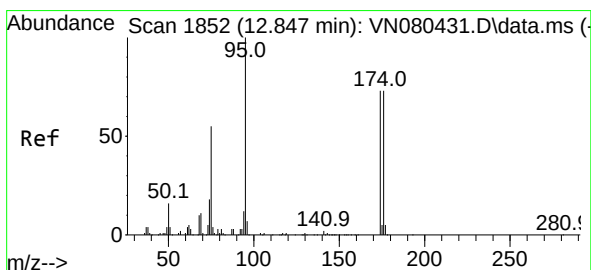
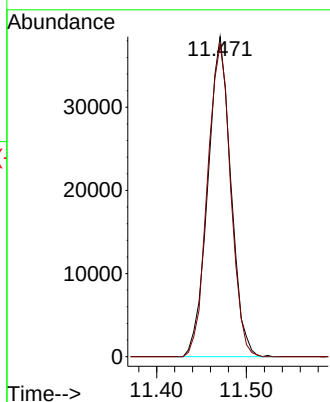
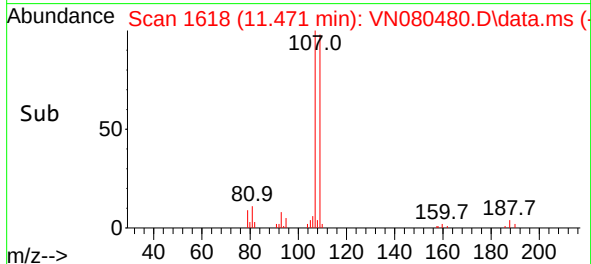
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



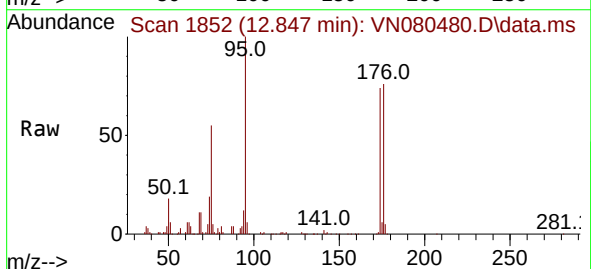
Tgt Ion:107 Resp: 68528
Ion Ratio Lower Upper
107 100
109 98.2 76.6 114.8

Manual Integrations
APPROVED

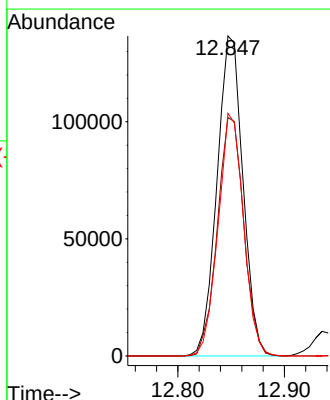
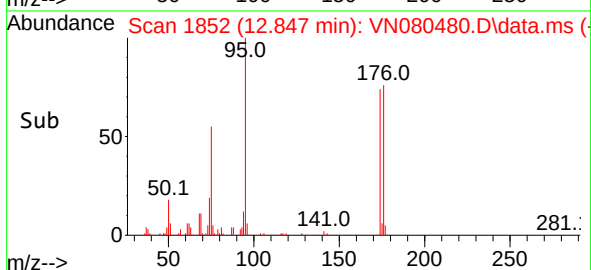
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

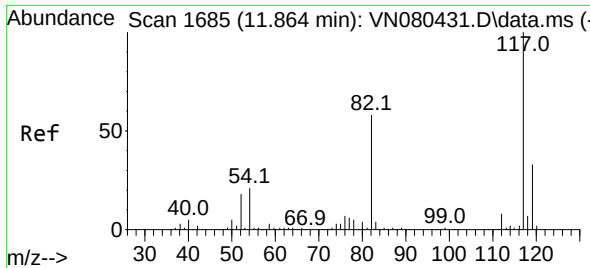


#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



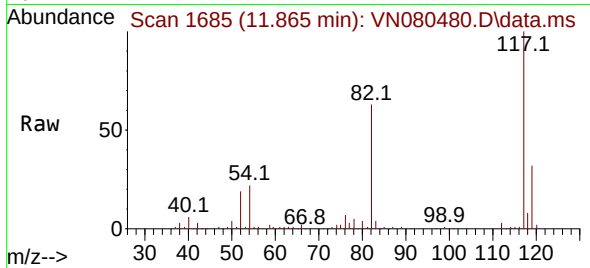
Tgt Ion: 95 Resp: 231106
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 74.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

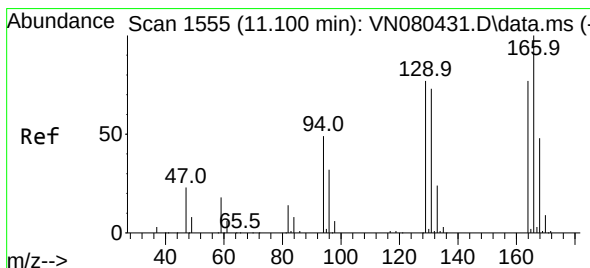
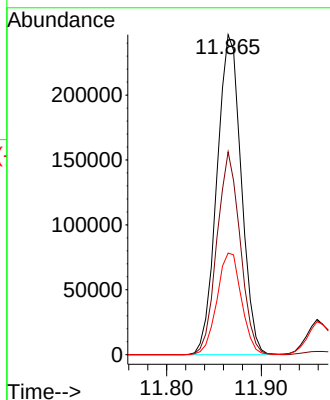
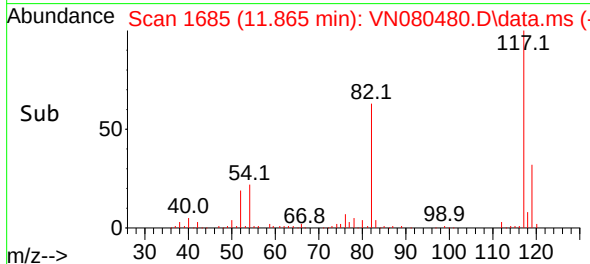
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



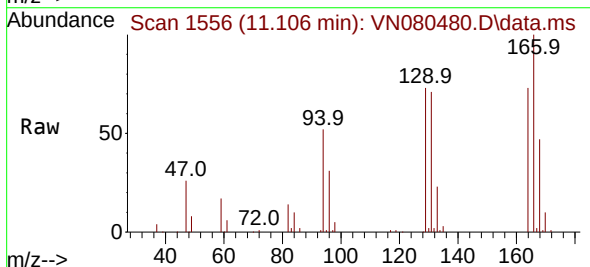
Tgt Ion:117 Resp: 440099
Ion Ratio Lower Upper
117 100
82 63.4 44.0 66.0
119 31.8 25.6 38.4

Manual Integrations
APPROVED

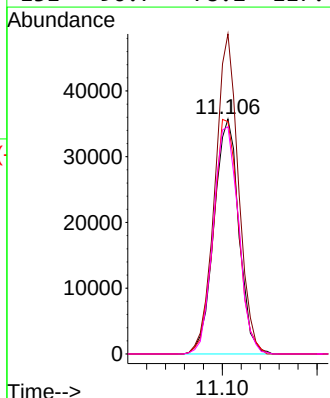
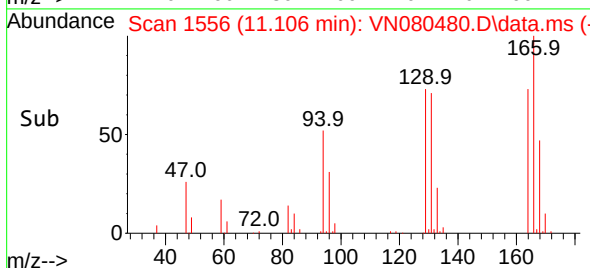
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

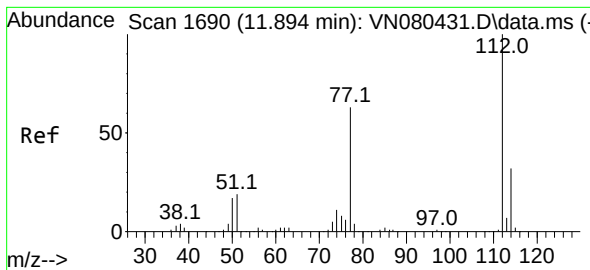


#64
Tetrachloroethene
Concen: 19.121 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion:164 Resp: 64973
Ion Ratio Lower Upper
164 100
166 136.2 101.4 152.0
129 98.9 82.4 123.6
131 96.7 78.2 117.4





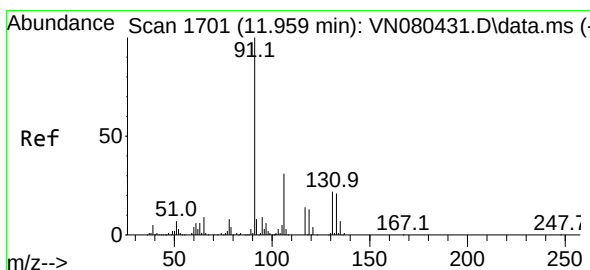
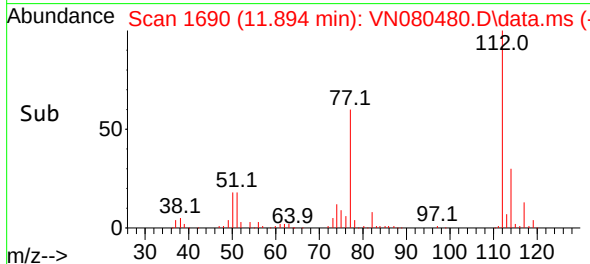
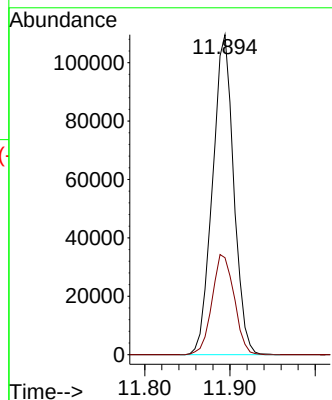
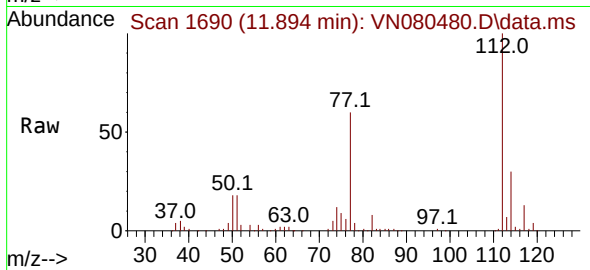
#65
Chlorobenzene
Concen: 19.353 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:112 Resp: 189460
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4

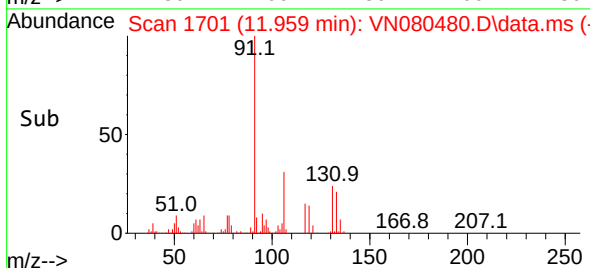
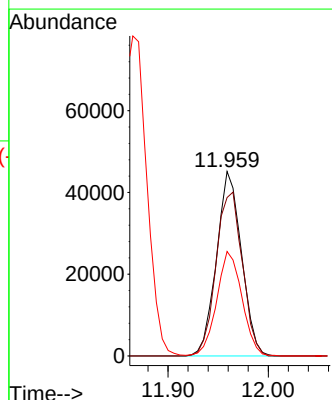
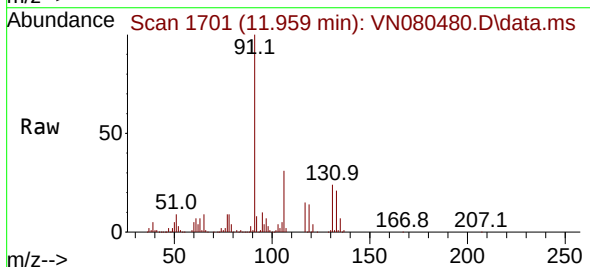
Manual Integrations
APPROVED

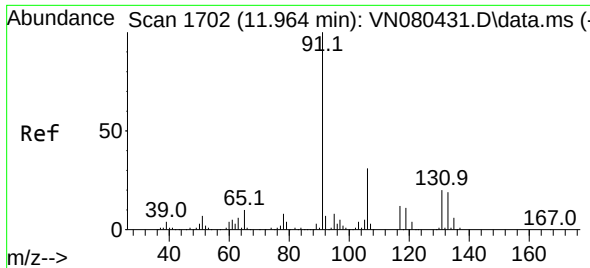
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.336 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

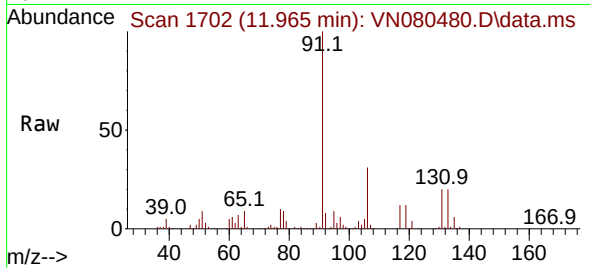
Tgt Ion:131 Resp: 78120
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 57.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.215 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

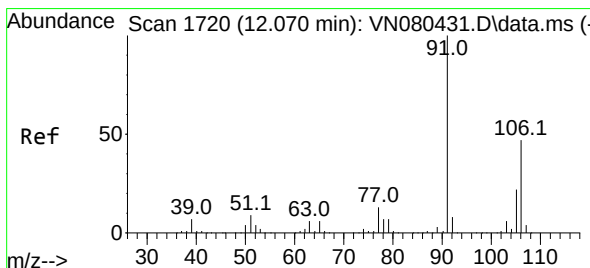
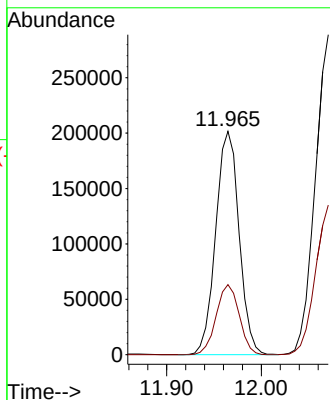
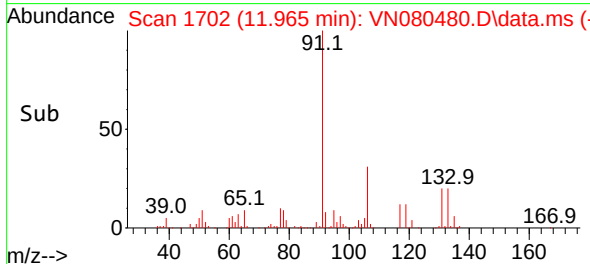
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



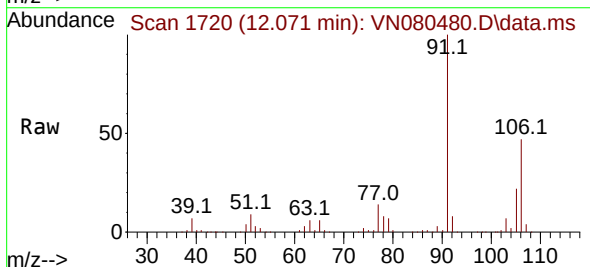
Tgt Ion: 91 Resp: 345894
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

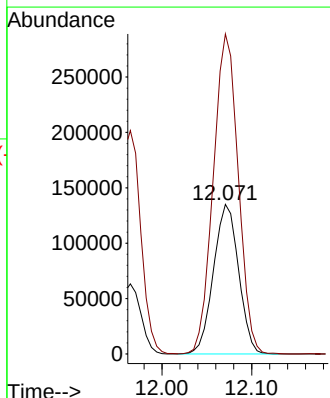
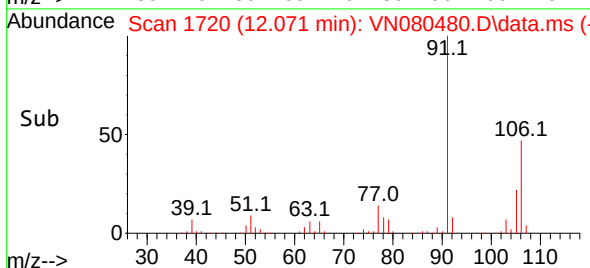
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

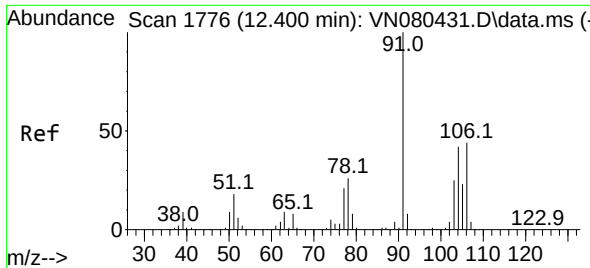


#68
m/p-Xylenes
Concen: 39.442 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion:106 Resp: 262366
Ion Ratio Lower Upper
106 100
91 212.9 159.6 239.4





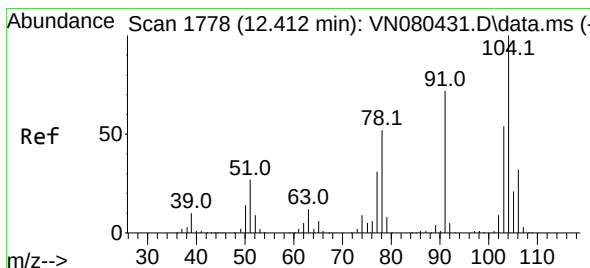
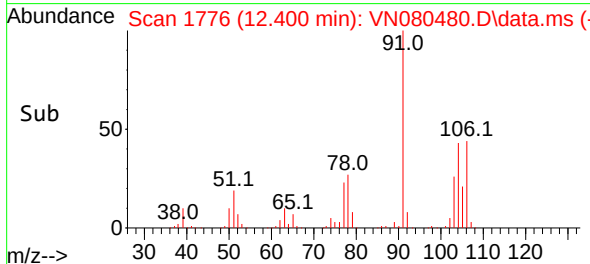
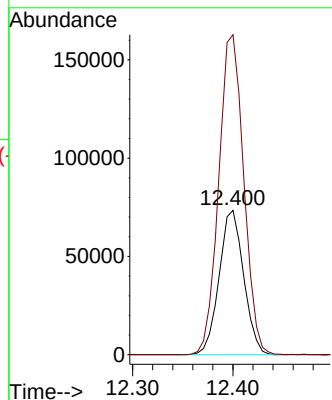
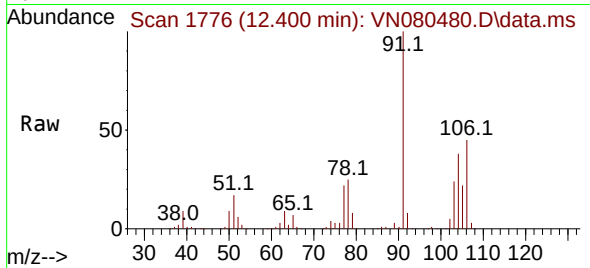
#69
o-Xylene
Concen: 19.168 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:106 Resp: 124710
Ion Ratio Lower Upper
106 100
91 226.1 105.2 315.5

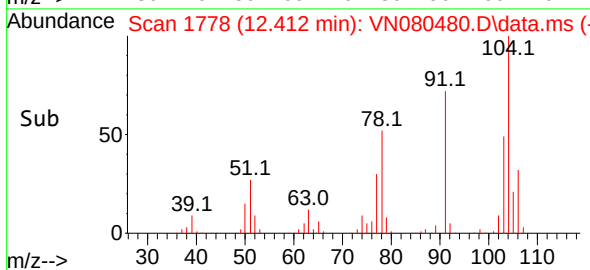
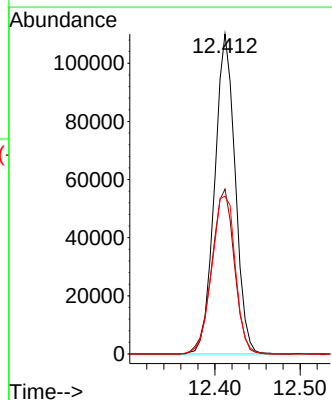
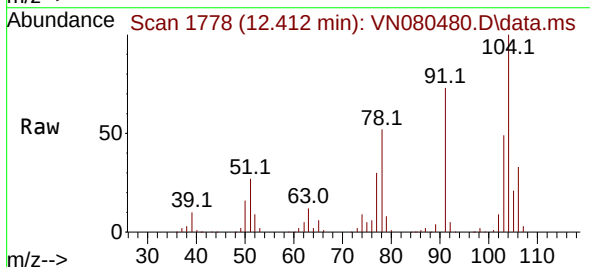
Manual Integrations
APPROVED

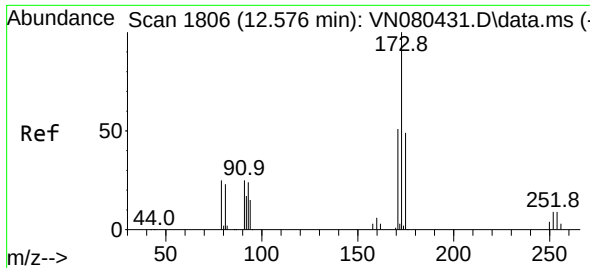
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 19.646 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

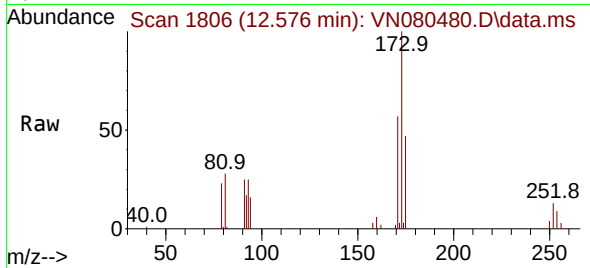
Tgt Ion:104 Resp: 184126
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 18.685 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

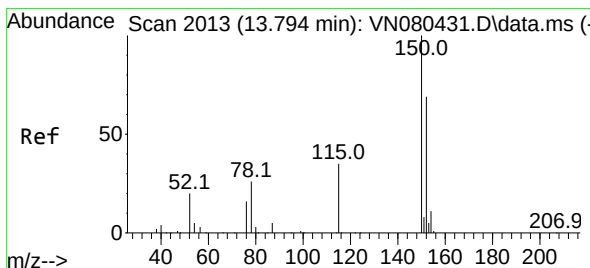
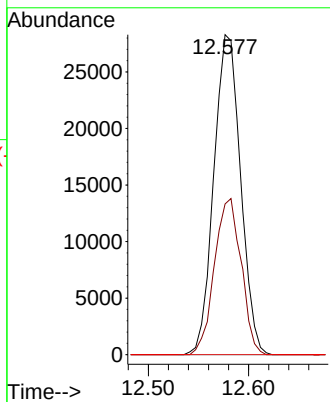
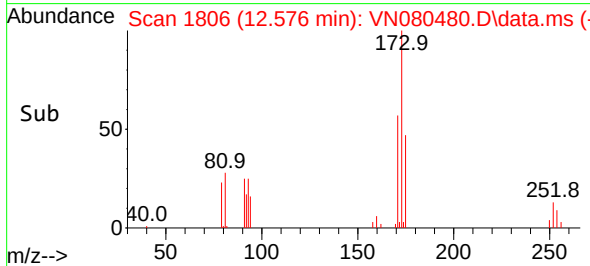
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



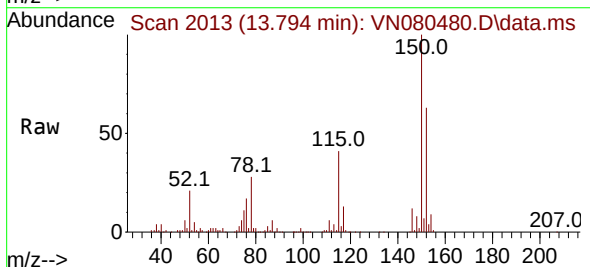
Tgt Ion:173 Resp: 52344
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

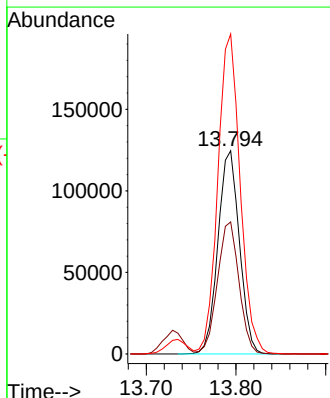
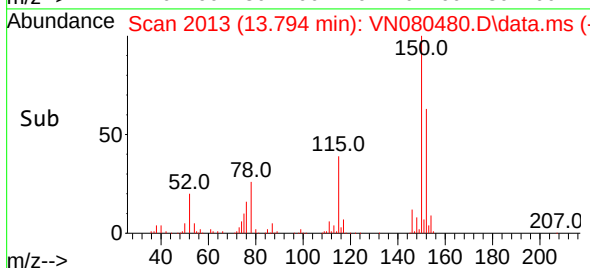
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

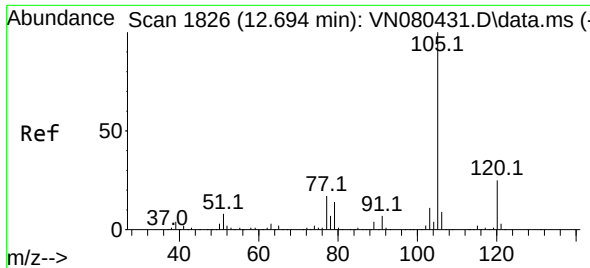


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



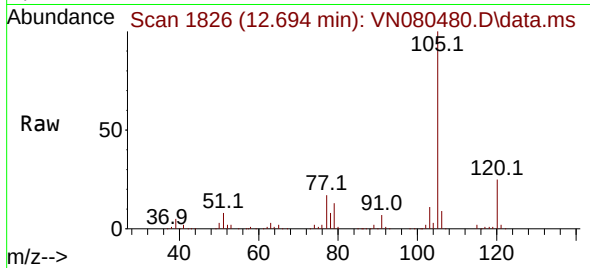
Tgt Ion:152 Resp: 206795
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 163.7 0.0 355.8





#73
Isopropylbenzene
Concen: 19.993 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

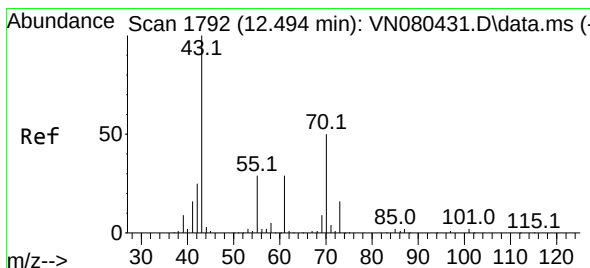
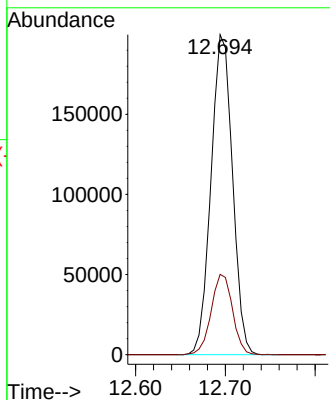
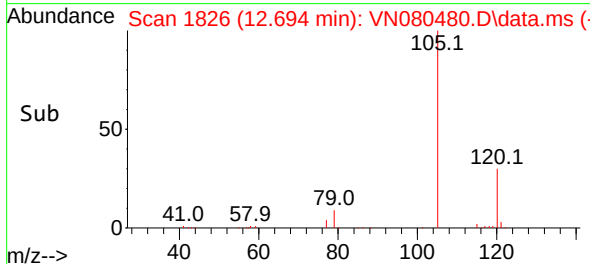
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



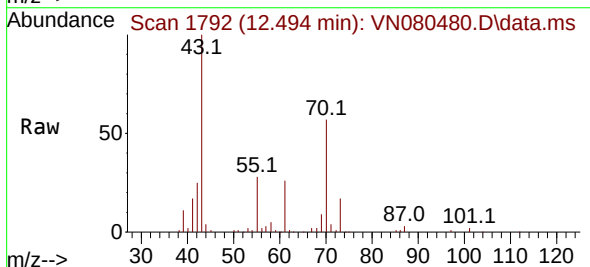
Tgt Ion:105 Resp: 332125
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

Manual Integrations
APPROVED

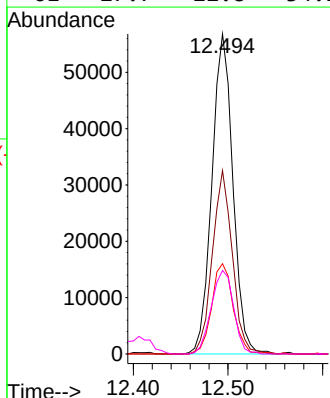
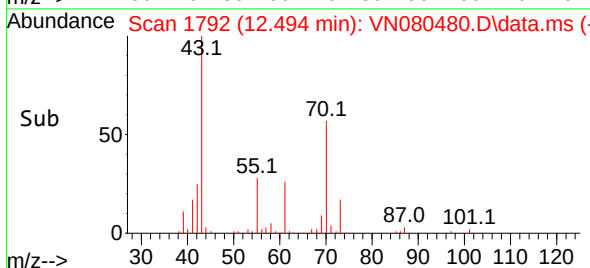
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

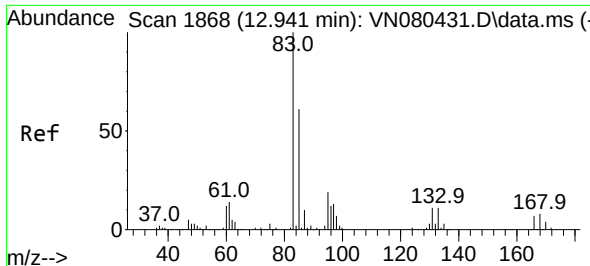


#74
N-ethyl acetate
Concen: 17.991 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



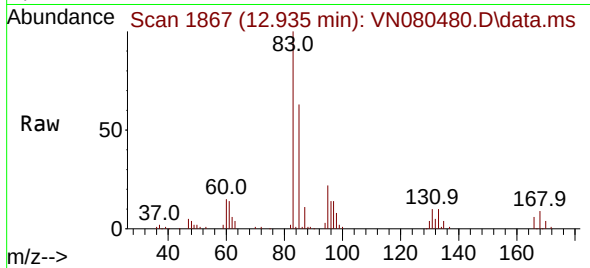
Tgt Ion: 43 Resp: 87278
Ion Ratio Lower Upper
43 100
70 54.6 43.4 65.2
55 29.0 21.4 32.0
61 27.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.018 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

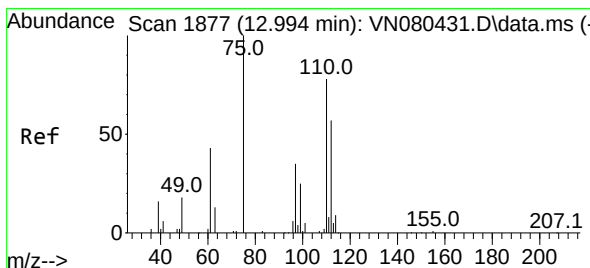
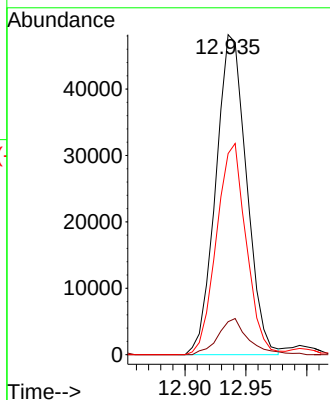
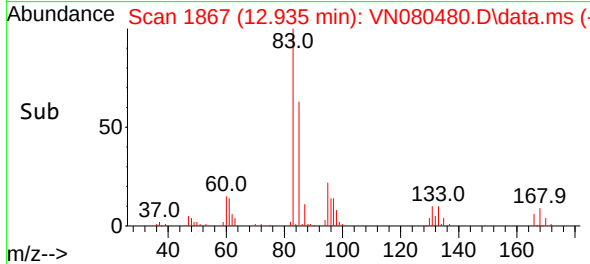
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 83 Resp: 8465
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 63.9 31.9 95.7

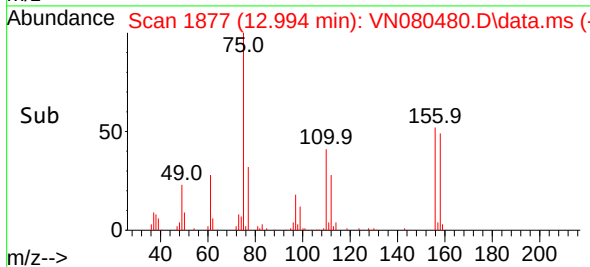
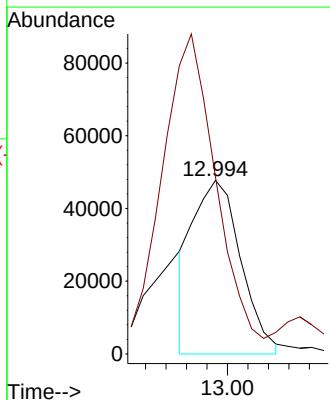
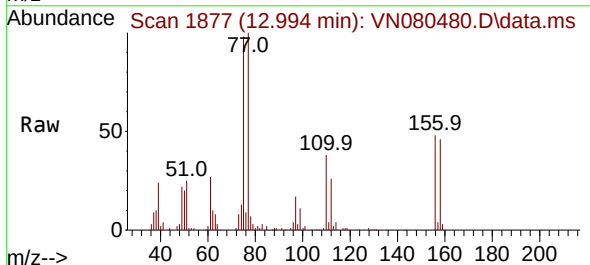
Manual Integrations
APPROVED

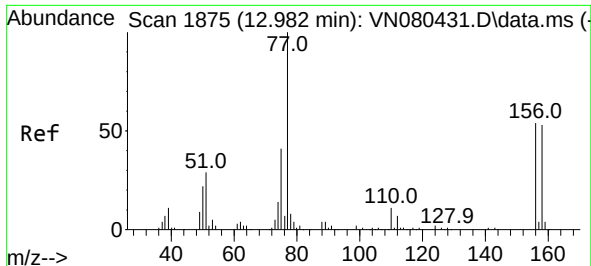
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#76
1,2,3-Trichloropropane
Concen: 18.836 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

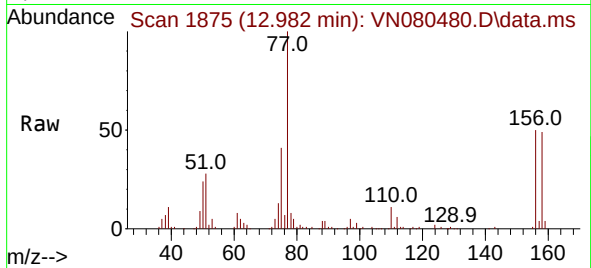
Tgt Ion: 75 Resp: 77706
Ion Ratio Lower Upper
75 100
77 211.9 84.5 253.5





#77
Bromobenzene
Concen: 19.508 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

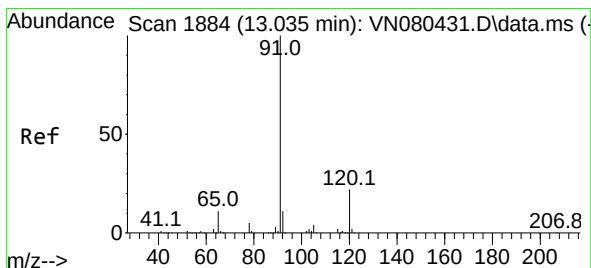
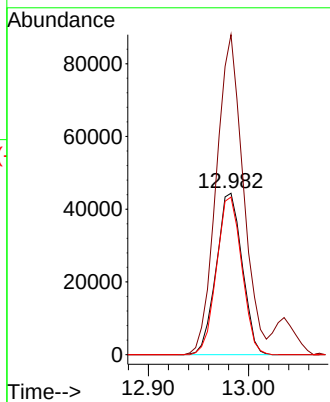
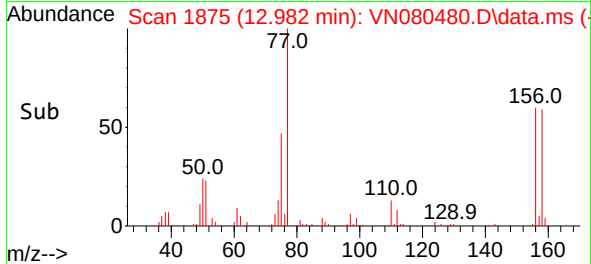
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



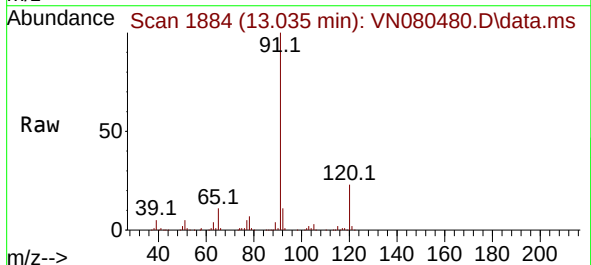
Tgt Ion:156 Resp: 79720
Ion Ratio Lower Upper
156 100
77 206.6 107.7 323.3
158 95.1 48.4 145.3

Manual Integrations
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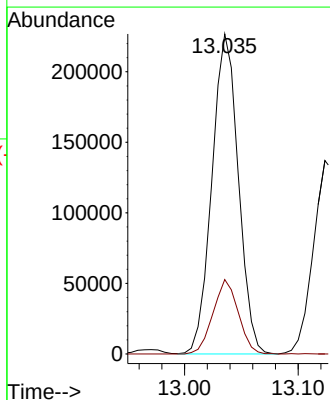
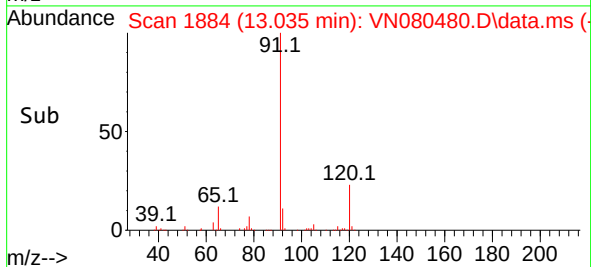
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

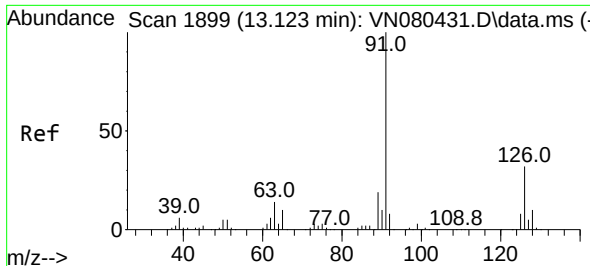


#78
n-propylbenzene
Concen: 20.017 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



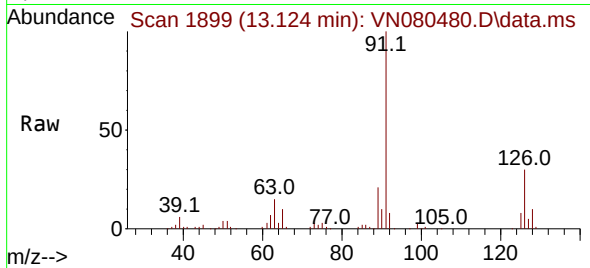
Tgt Ion: 91 Resp: 366637
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.651 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

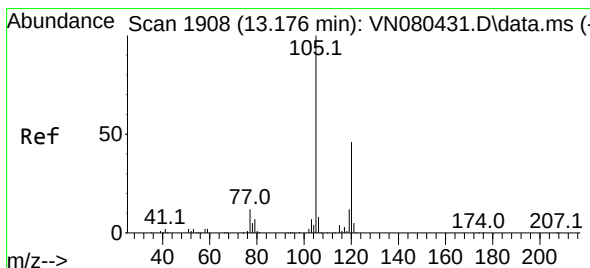
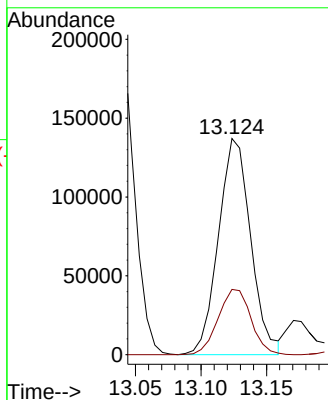
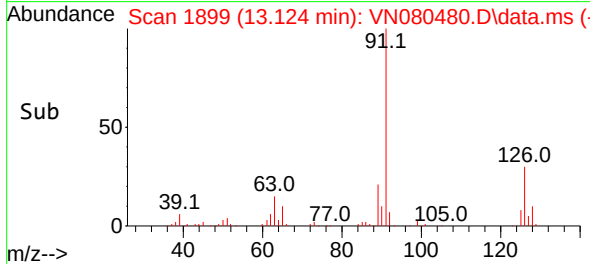
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



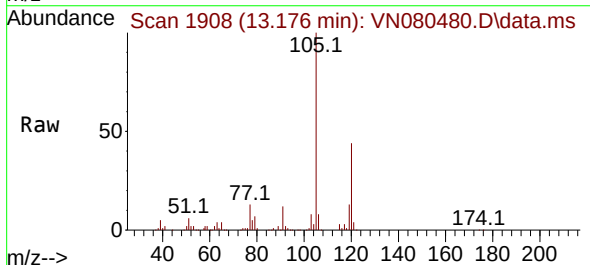
Tgt Ion: 91 Resp: 234984
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

Manual Integrations
APPROVED

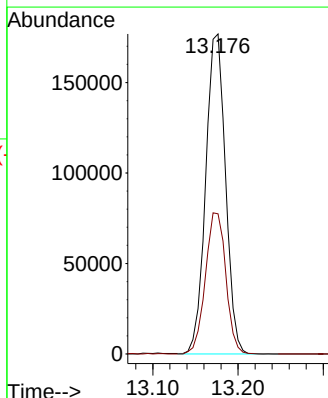
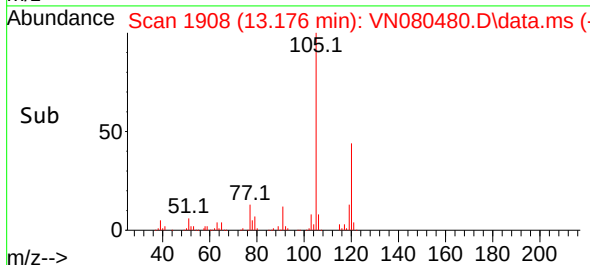
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

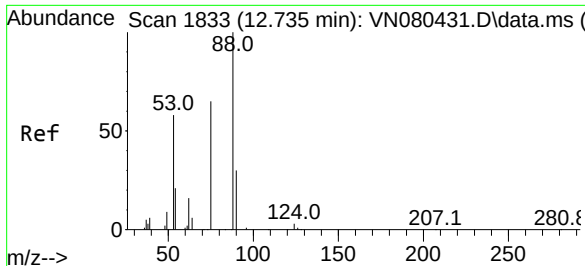


#80
1,3,5-Trimethylbenzene
Concen: 20.005 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



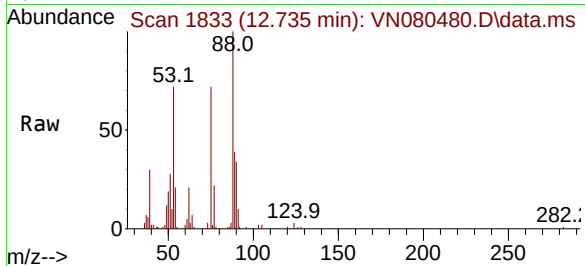
Tgt Ion:105 Resp: 286222
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.427 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

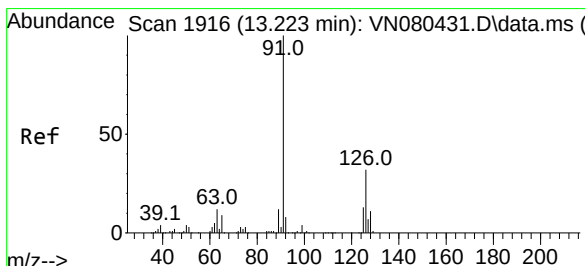
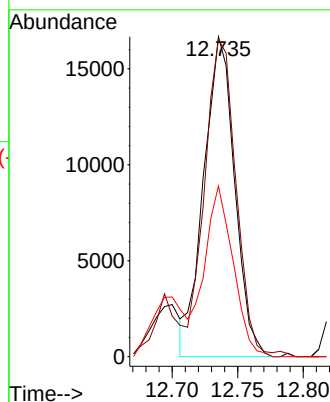
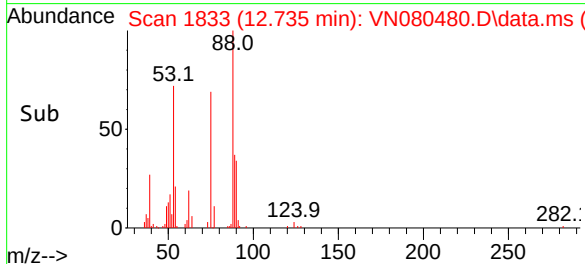
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 75 Resp: 2738
Ion Ratio Lower Upper
75 100
53 99.4 67.4 101.2
89 49.5 38.8 58.2

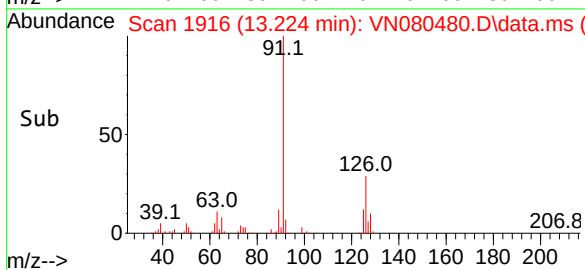
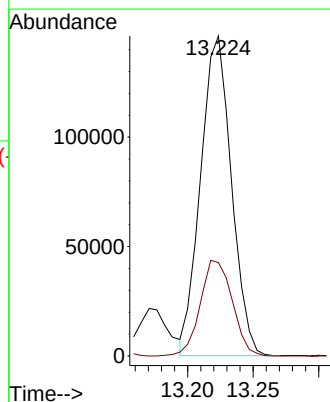
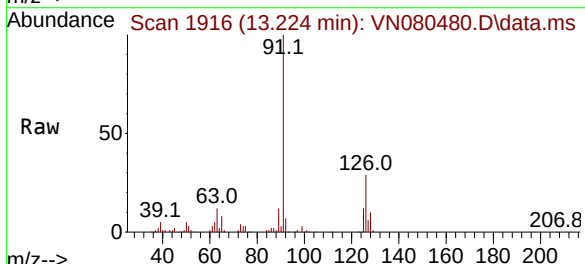
Manual Integrations
APPROVED

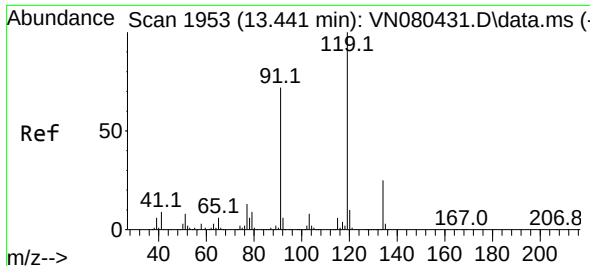
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 19.412 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Tgt Ion: 91 Resp: 238591
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





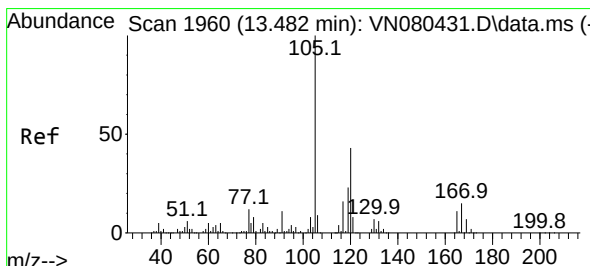
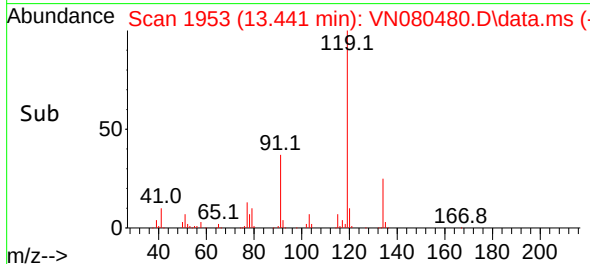
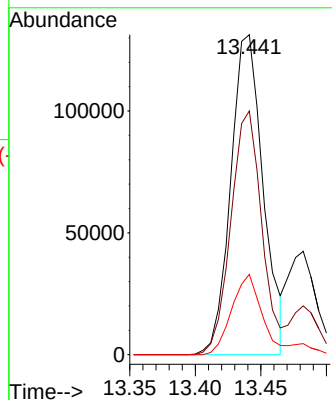
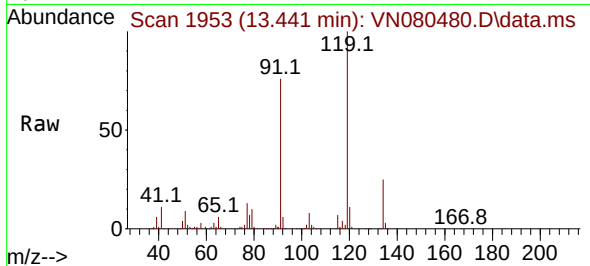
#83
tert-Butylbenzene
Concen: 19.309 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:119 Resp: 226245
Ion Ratio Lower Upper
119 100
91 72.4 33.9 101.7
134 23.5 13.2 39.6

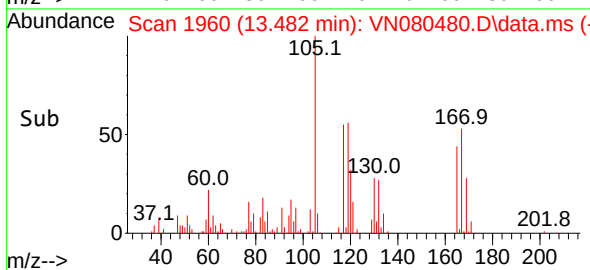
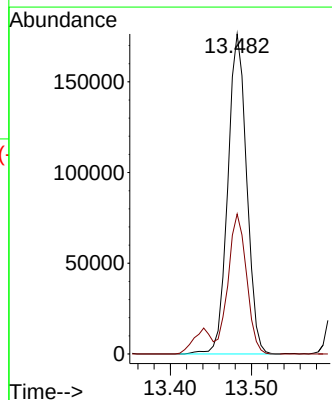
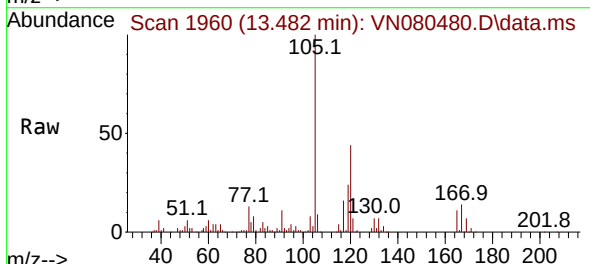
Manual Integrations
APPROVED

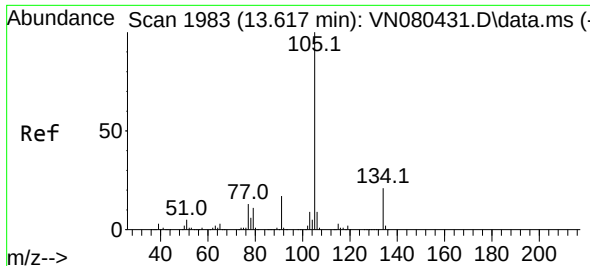
Reviewed By :John Carbone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.949 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Tgt Ion:105 Resp: 283948
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





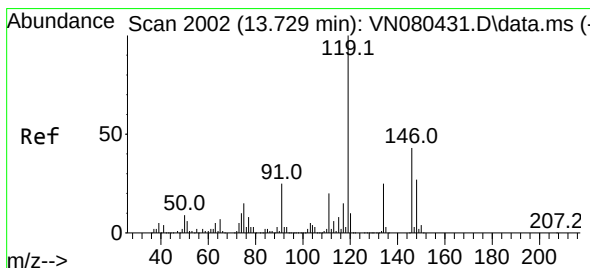
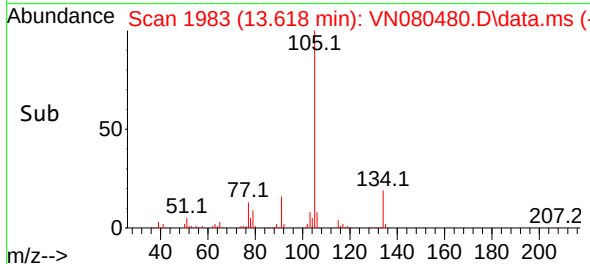
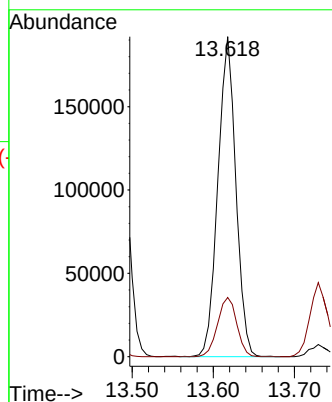
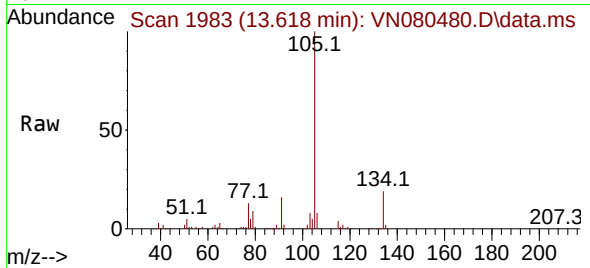
#85
 sec-Butylbenzene
 Concen: 19.724 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Tgt Ion:105 Resp: 29564
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

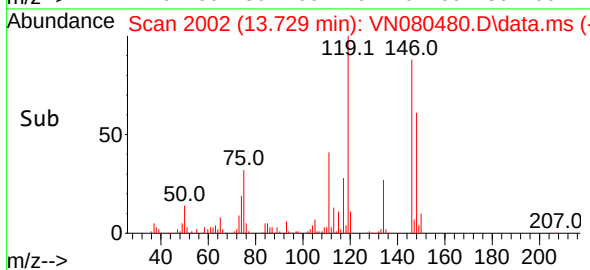
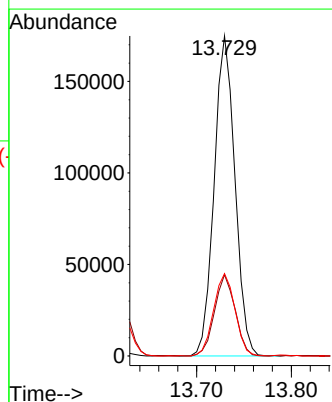
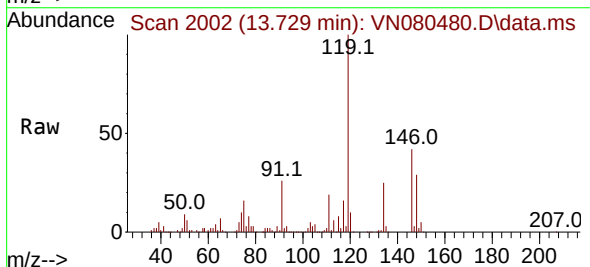
Manual Integrations
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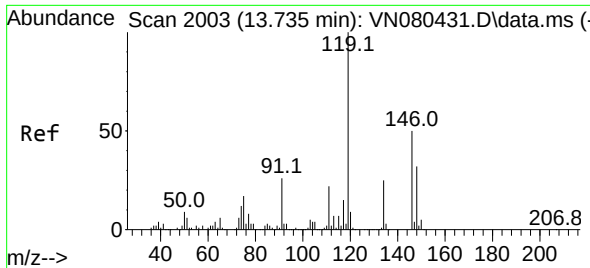
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#86
 p-Isopropyltoluene
 Concen: 19.671 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

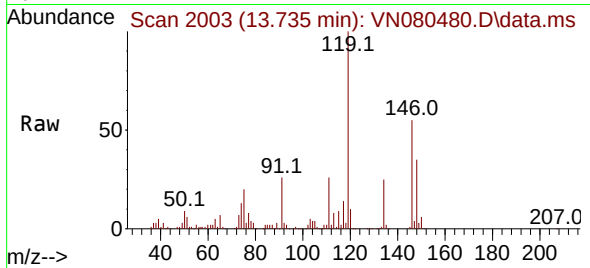
Tgt Ion:119 Resp: 266225
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.646 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

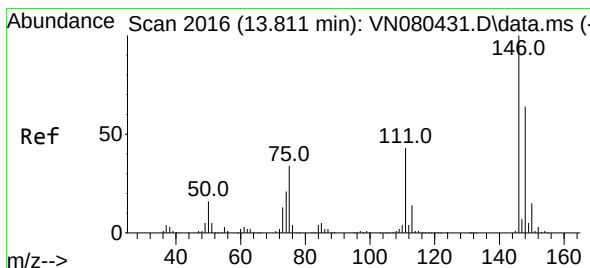
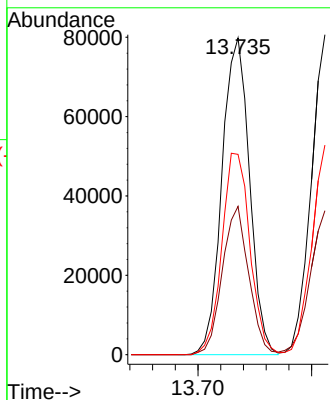
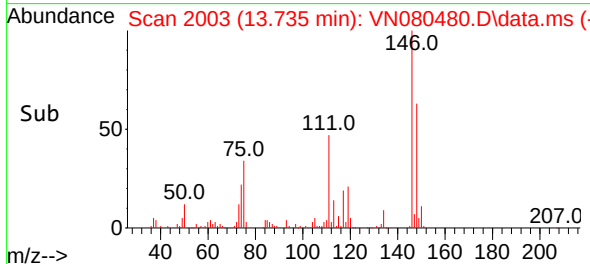
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01



Tgt Ion:146 Resp: 13425
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.1 66.3
 148 65.1 32.0 96.0

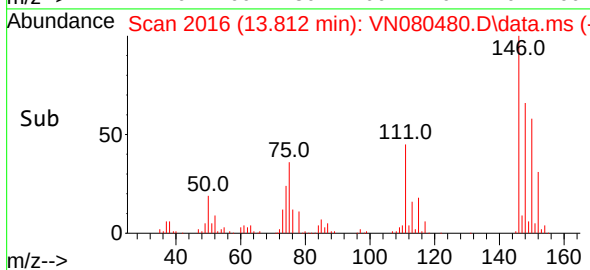
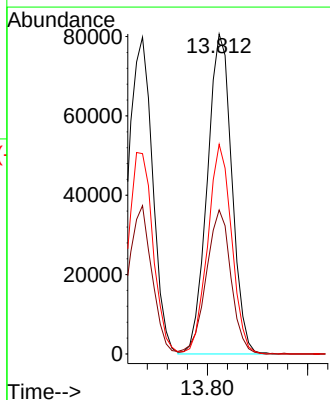
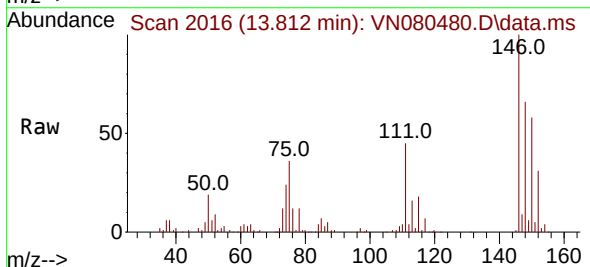
Manual Integrations
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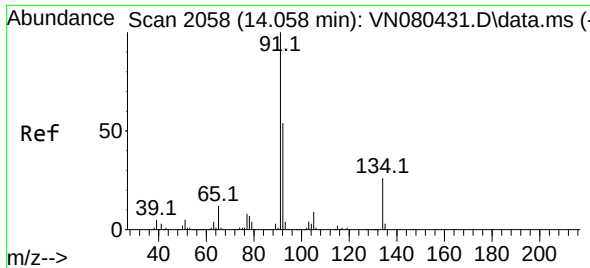
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.923 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

Tgt Ion:146 Resp: 137535
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.6 61.8
 148 63.9 31.6 94.8





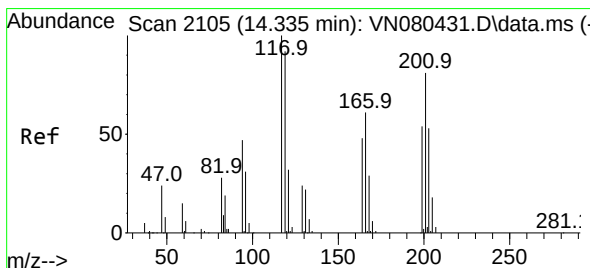
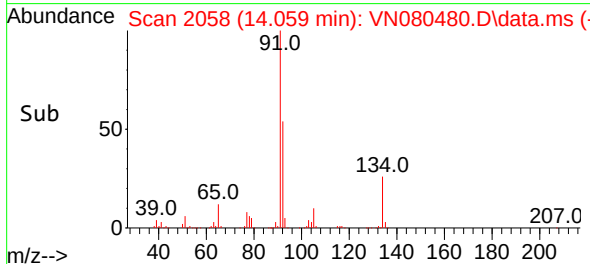
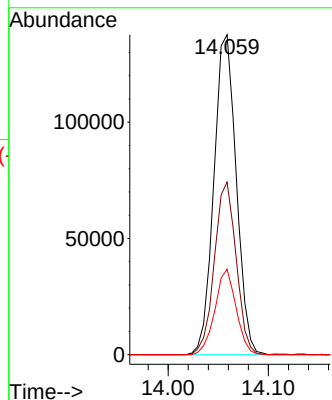
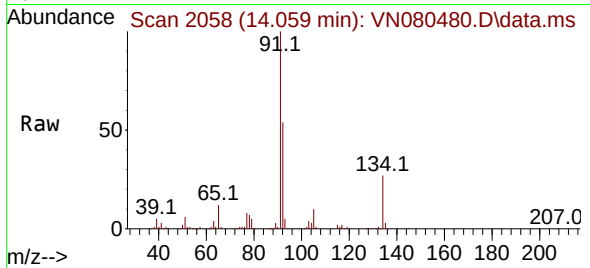
#89
n-Butylbenzene
Concen: 18.906 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 91 Resp: 21368
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 25.3 12.6 37.6

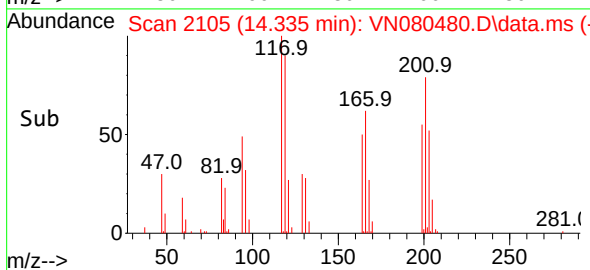
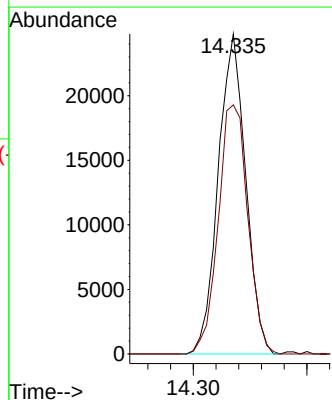
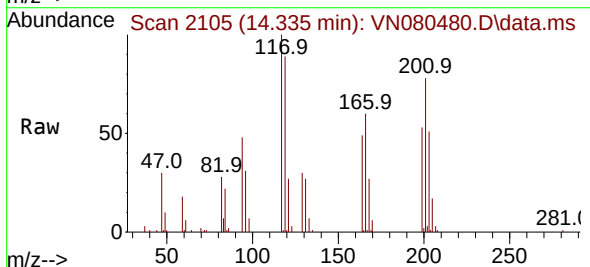
Manual Integrations
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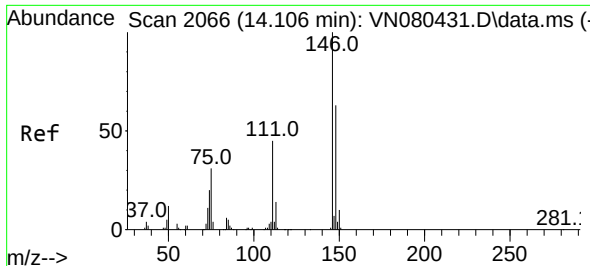
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#90
Hexachloroethane
Concen: 19.346 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

Tgt Ion:117 Resp: 41582
Ion Ratio Lower Upper
117 100
201 84.0 29.3 88.0





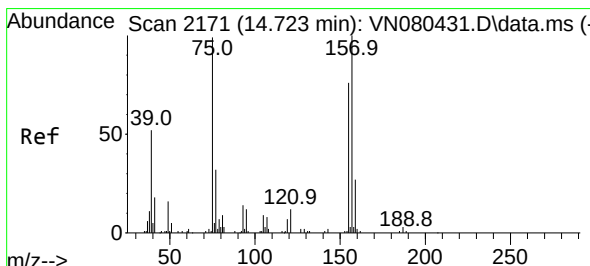
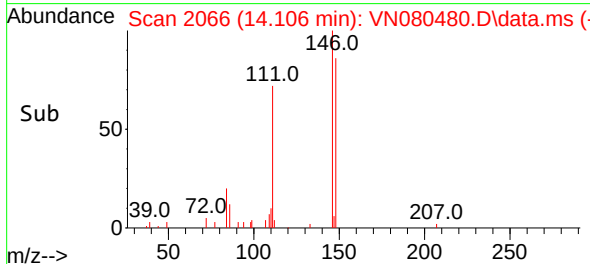
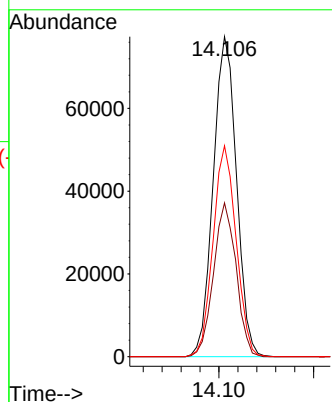
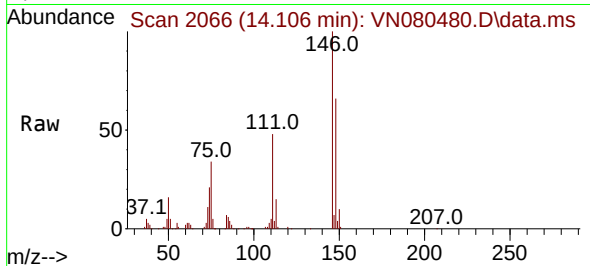
#91
 1,2-Dichlorobenzene
 Concen: 19.289 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Tgt Ion:146 Resp: 131880
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.0 66.0
 148 65.3 31.8 95.3

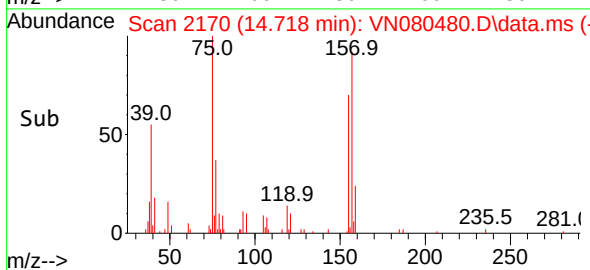
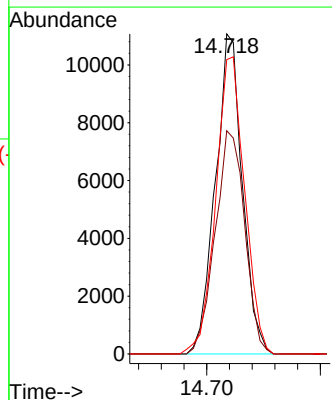
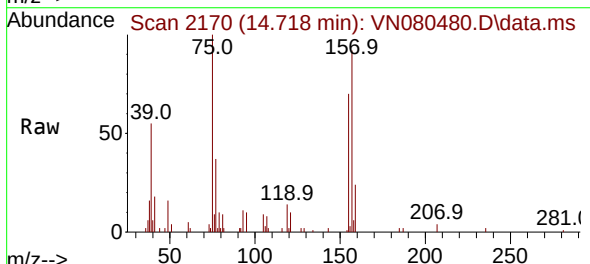
Manual Integrations
 APPROVED

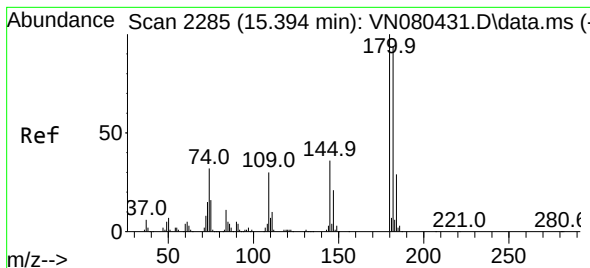
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.446 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN080480.D
 Acq: 14 Dec 2023 12:59

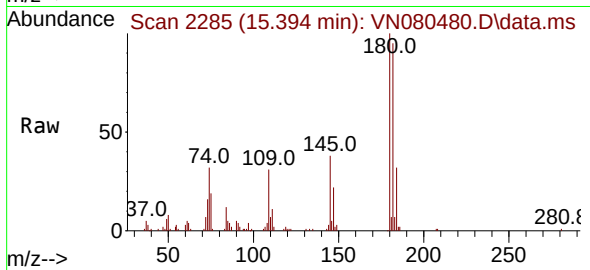
Tgt Ion: 75 Resp: 18208
 Ion Ratio Lower Upper
 75 100
 155 76.5 39.1 117.2
 157 99.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 19.421 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59

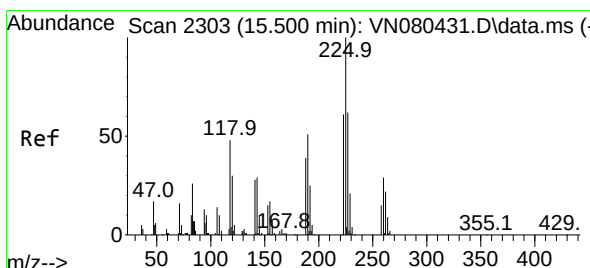
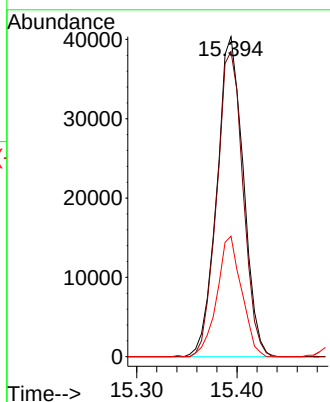
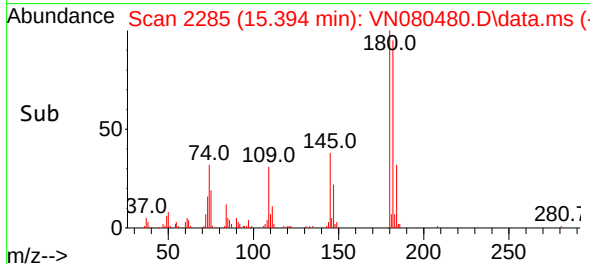
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



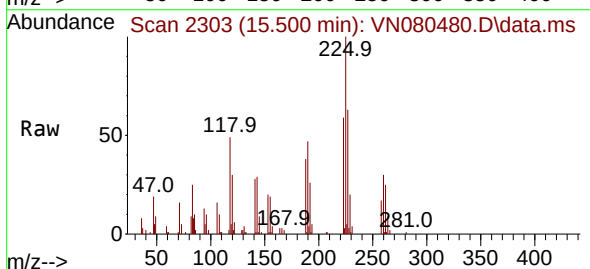
Tgt Ion:180 Resp: 7372
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 35.2 16.6 49.8

Manual Integrations
APPROVED

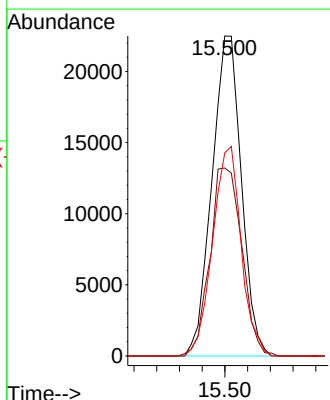
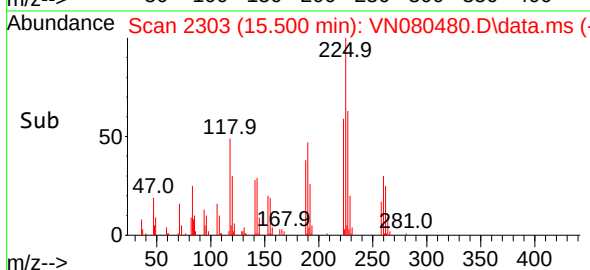
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

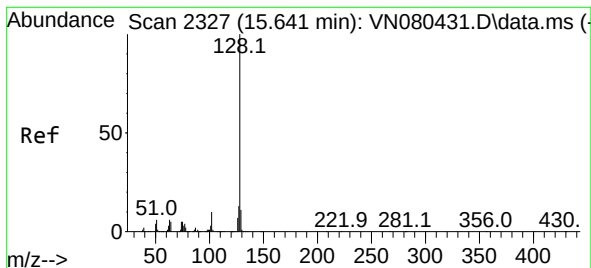


#94
Hexachlorobutadiene
Concen: 18.729 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080480.D
Acq: 14 Dec 2023 12:59



Tgt Ion:225 Resp: 40475
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 63.5 31.9 95.9





#95

Naphthalene

Concen: 18.645 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion:128 Resp: 214929

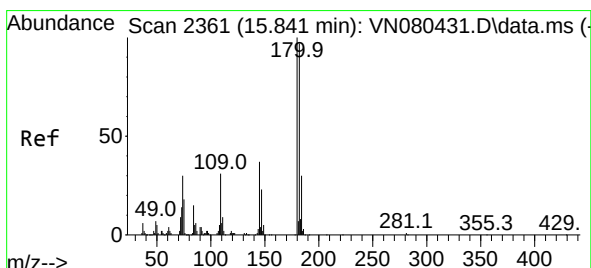
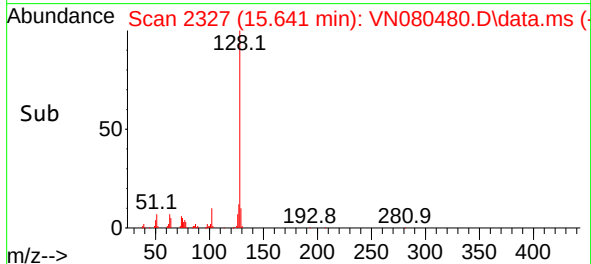
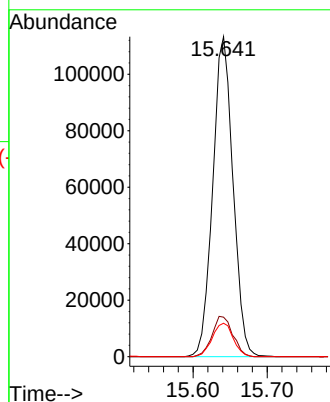
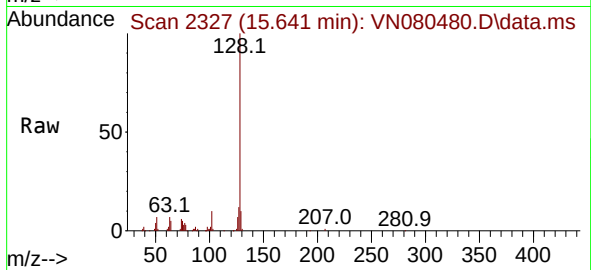
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.338 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080480.D

Acq: 14 Dec 2023 12:59

Tgt Ion:180 Resp: 70838

Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.2	138.6
145	35.5	17.5	52.6

