

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080376.D
 Acq On : 06 Dec 2023 10:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 00:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182276	48.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.165	113	134910	52.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.760%		
50) Toluene-d8	10.571	98	461599	50.191	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.380%		
62) 4-Bromofluorobenzene	12.853	95	177038	50.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159728	47.514	ug/l	100
3) Chloromethane	2.365	50	115390	45.655	ug/l	97
4) Vinyl Chloride	2.518	62	128067	47.881	ug/l	100
5) Bromomethane	2.953	94	88115	48.528	ug/l	98
6) Chloroethane	3.118	64	85466	51.798	ug/l	100
7) Trichlorofluoromethane	3.500	101	280673	50.304	ug/l	99
8) Diethyl Ether	3.959	74	87380	53.849	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	126599	49.642	ug/l	92
10) Methyl Iodide	4.595	142	154260	55.970	ug/l	92
11) Tert butyl alcohol	5.512	59	98448	240.242	ug/l	98
12) 1,1-Dichloroethene	4.342	96	121434	50.909	ug/l	90
13) Acrolein	4.177	56	144137	397.449	ug/l	99
14) Allyl chloride	5.024	41	147077	49.008	ug/l	91
15) Acrylonitrile	5.718	53	278798	253.433	ug/l	99
16) Acetone	4.418	43	254036	202.969	ug/l	98
17) Carbon Disulfide	4.712	76	328896	46.179	ug/l	99
18) Methyl Acetate	5.024	43	193651	48.155	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	463565	55.031	ug/l	96
20) Methylene Chloride	5.277	84	145631	55.562	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	136843	52.221	ug/l	86
22) Diisopropyl ether	6.671	45	351415	52.926	ug/l	99
23) Vinyl Acetate	6.600	43	1041285	260.862	ug/l	94
24) 1,1-Dichloroethane	6.571	63	248657	51.419	ug/l	100
25) 2-Butanone	7.483	43	320723	215.677	ug/l	94
26) 2,2-Dichloropropane	7.494	77	250281	52.165	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	160372	53.980	ug/l	90
28) Bromochloromethane	7.812	49	86754	45.632	ug/l	99
29) Tetrahydrofuran	7.835	42	198521	248.661	ug/l	94
30) Chloroform	7.965	83	291534	53.936	ug/l	93
31) Cyclohexane	8.259	56	175075	43.202	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	278100	52.758	ug/l	98
36) 1,1-Dichloropropene	8.371	75	195144	52.831	ug/l	96
37) Ethyl Acetate	7.559	43	130463	50.920	ug/l	96
38) Carbon Tetrachloride	8.365	117	259431	55.347	ug/l	95
39) Methylcyclohexane	9.600	83	185963	52.214	ug/l	96
40) Benzene	8.606	78	568449	54.148	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76805	54.587	ug/l	93
42) 1,2-Dichloroethane	8.671	62	245452	57.149	ug/l	96
43) Isopropyl Acetate	8.688	43	233420	46.817	ug/l	98
44) Trichloroethene	9.353	130	152713	55.456	ug/l	98
45) 1,2-Dichloropropane	9.624	63	134753	55.234	ug/l	97
46) Dibromomethane	9.712	93	103627	56.113	ug/l #	88
47) Bromodichloromethane	9.888	83	235196	57.897	ug/l	93
48) Methyl methacrylate	9.682	41	139271	54.204	ug/l	93
49) 1,4-Dioxane	9.688	88	40679	951.677	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	664388	257.388	ug/l	100
52) Toluene	10.629	92	368799	56.135	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	243080	58.241	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	250974	58.858	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	142851	56.969	ug/l	99
56) Ethyl methacrylate	10.876	69	154370	60.262	ug/l	93
57) 1,3-Dichloropropane	11.165	76	245992	56.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	345464	239.380	ug/l	100
59) 2-Hexanone	11.194	43	496361	239.303	ug/l	98
60) Dibromochloromethane	11.359	129	179112	59.663	ug/l	99
61) 1,2-Dibromoethane	11.471	107	145076	56.712	ug/l	97
64) Tetrachloroethene	11.106	164	149080	62.130	ug/l	99
65) Chlorobenzene	11.894	112	387514	54.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	161885	58.554	ug/l	93
67) Ethyl Benzene	11.965	91	701277	55.317	ug/l	95
68) m/p-Xylenes	12.071	106	523656	113.290	ug/l	88
69) o-Xylene	12.400	106	254727	58.476	ug/l	90
70) Styrene	12.412	104	380803	58.733	ug/l	92
71) Bromoform	12.576	173	121768	59.391	ug/l #	98
73) Isopropylbenzene	12.694	105	660310	54.817	ug/l	98
74) N-amyl acetate	12.494	43	184932	49.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	174624	48.436	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	173860m	45.775	ug/l	
77) Bromobenzene	12.982	156	166668	54.879	ug/l	94
78) n-propylbenzene	13.035	91	726872	53.963	ug/l	100
79) 2-Chlorotoluene	13.129	91	478528	54.698	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	569070	54.271	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	56319	50.098	ug/l #	84
82) 4-Chlorotoluene	13.223	91	486245	54.253	ug/l	97
83) tert-Butylbenzene	13.441	119	450827	53.614	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	577136	55.897	ug/l	97
85) sec-Butylbenzene	13.617	105	579444	54.472	ug/l	99
86) p-Isopropyltoluene	13.729	119	536429	56.452	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	290683	53.125	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	291406	52.995	ug/l	98
89) n-Butylbenzene	14.059	91	438042	55.075	ug/l	99
90) Hexachloroethane	14.335	117	94838	51.194	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	280633	53.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39218	46.833	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	156133	51.270	ug/l	99
94) Hexachlorobutadiene	15.506	225	87001	49.644	ug/l	100
95) Naphthalene	15.647	128	421197	47.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	146157	51.204	ug/l	98

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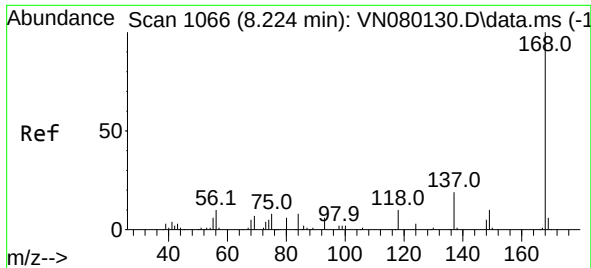
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/08/2023

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Response via : Initial Calibration

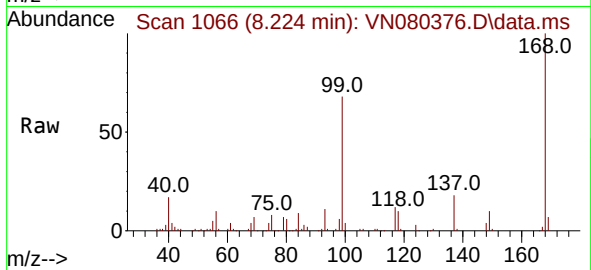
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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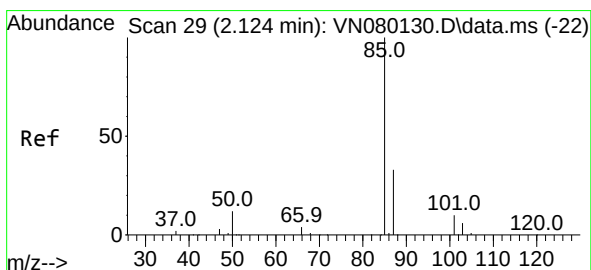
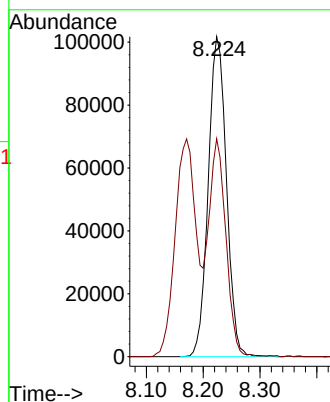
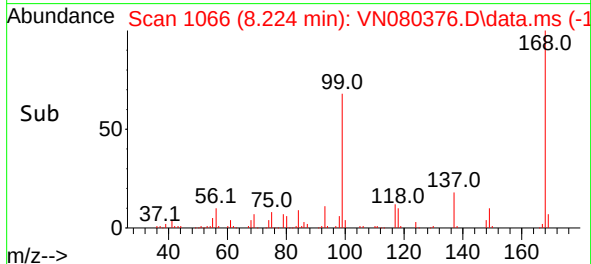
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 22568
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6

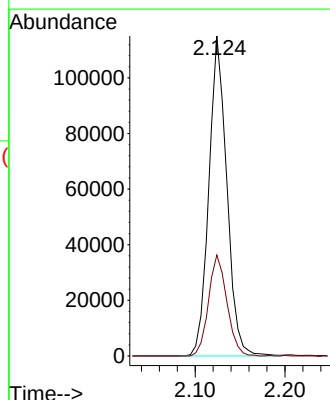
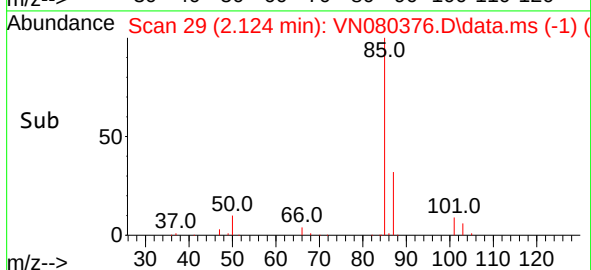
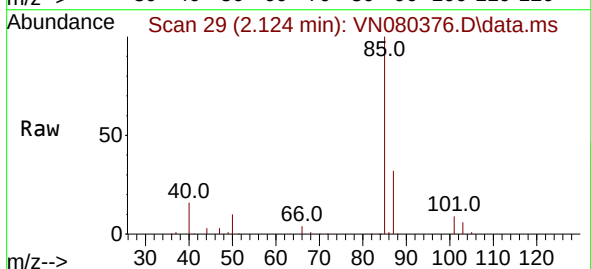
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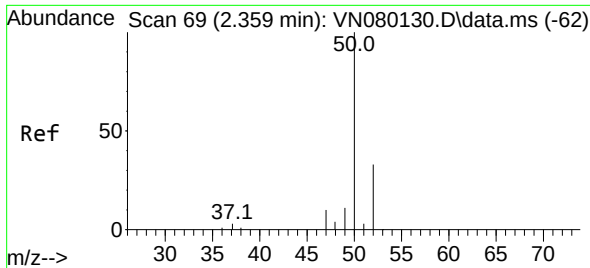
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#2
Dichlorodifluoromethane
Concen: 47.514 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 85 Resp: 159728
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





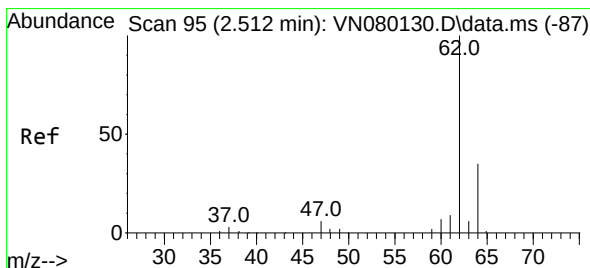
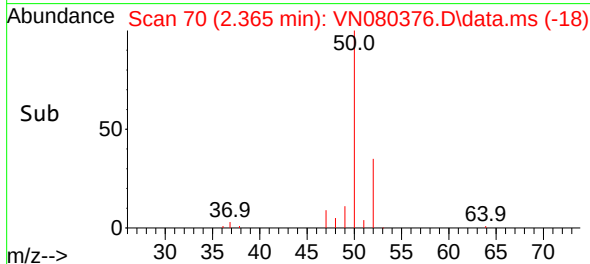
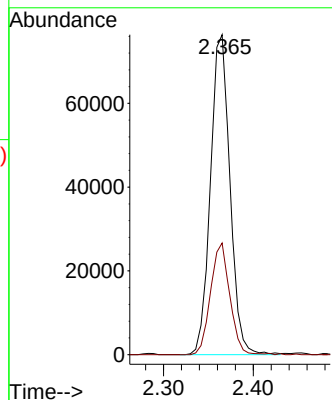
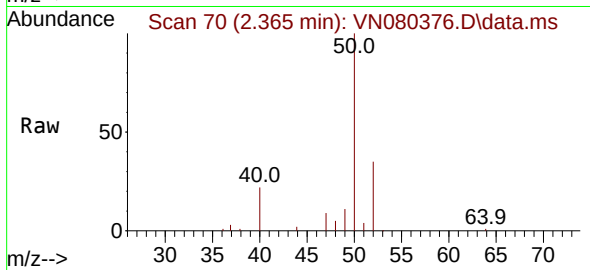
#3
Chloromethane
Concen: 45.655 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080376.D
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Tgt Ion: 50 Resp: 115390
Ion Ratio Lower Upper
50 100
52 34.9 26.5 39.7

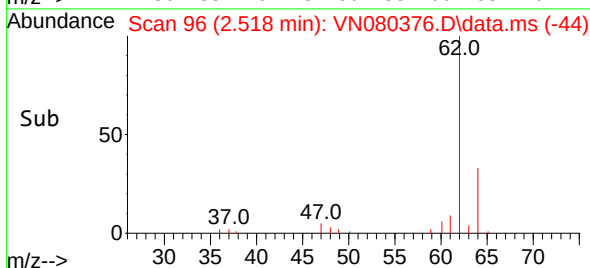
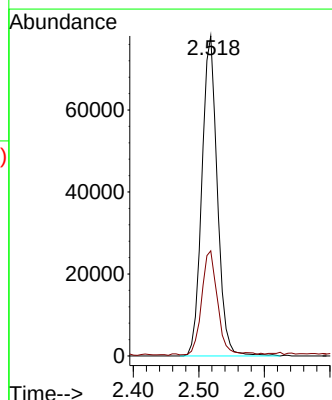
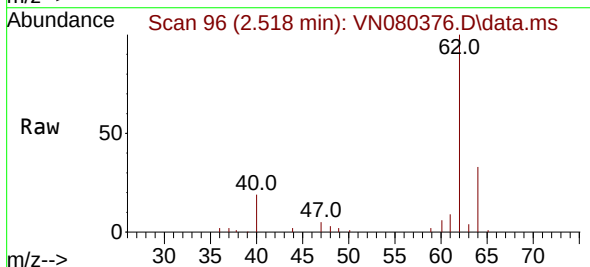
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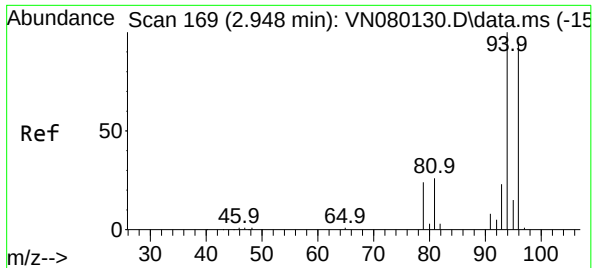
Reviewed By :John Carlone 12/08/2023
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#4
Vinyl Chloride
Concen: 47.881 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 62 Resp: 128067
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





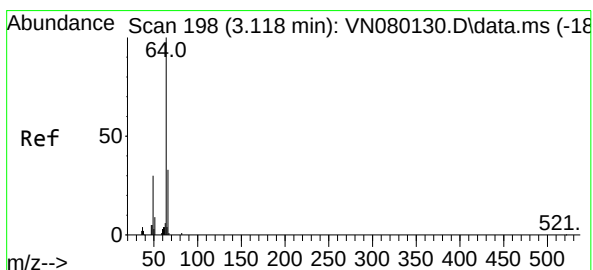
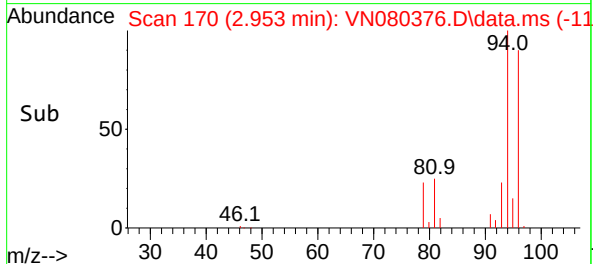
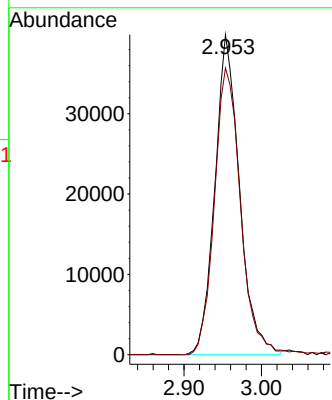
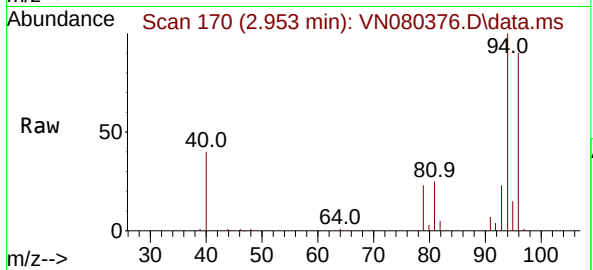
#5
Bromomethane
Concen: 48.528 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 8811
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7

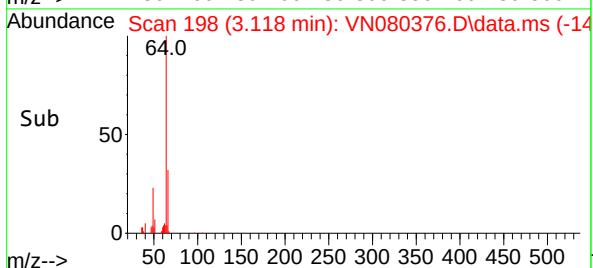
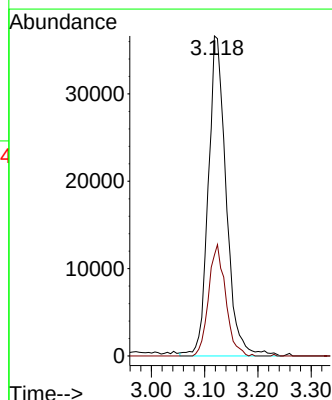
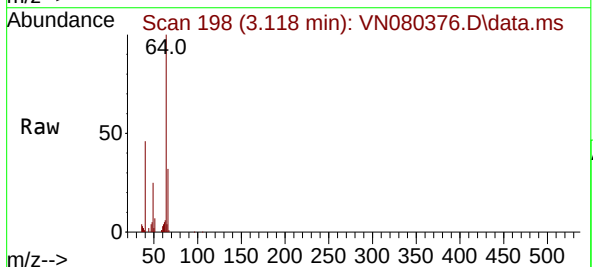
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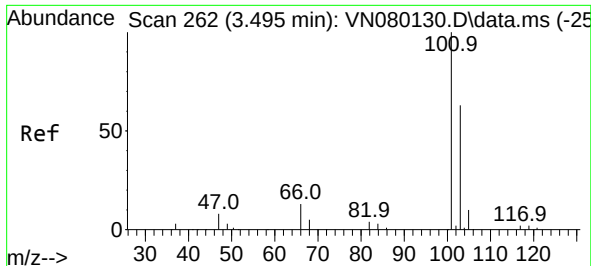
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#6
Chloroethane
Concen: 51.798 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080376.D
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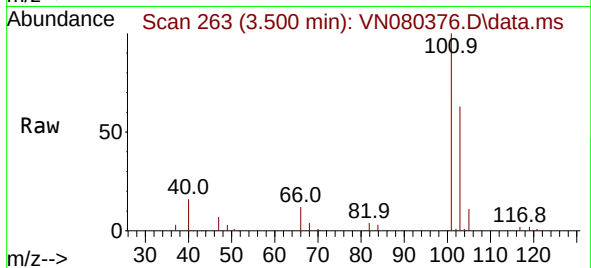
Tgt Ion: 64 Resp: 85466
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 50.304 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080376.D
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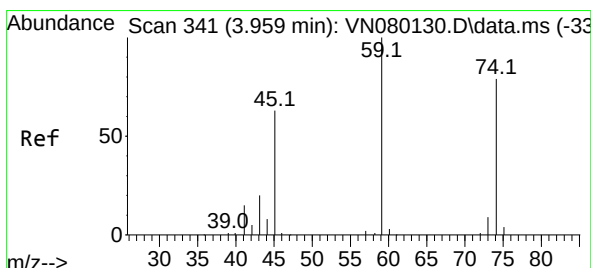
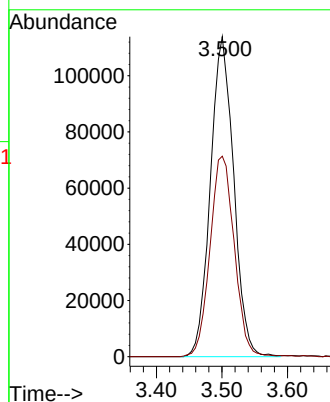
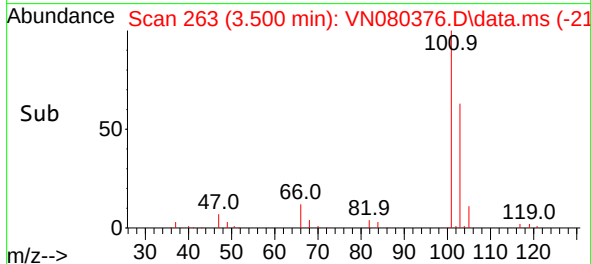
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 28067
Ion Ratio Lower Upper
101 100
103 62.6 50.7 76.1

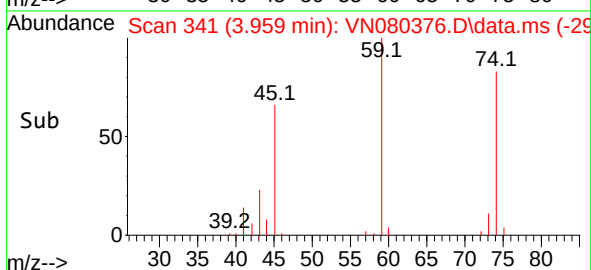
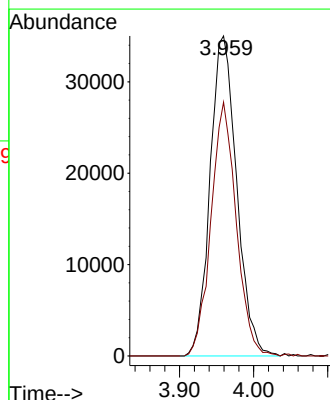
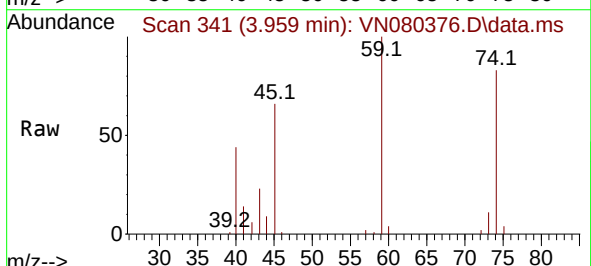
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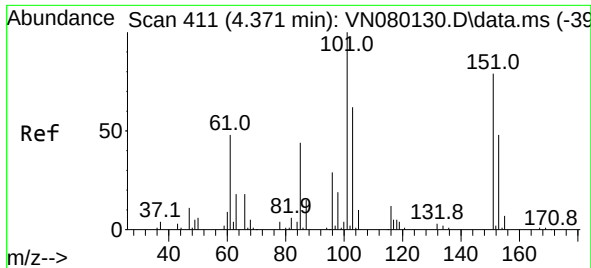
Reviewed By :John Carlone 12/08/2023
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#8
Diethyl Ether
Concen: 53.849 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 87380
Ion Ratio Lower Upper
74 100
45 75.1 34.4 103.3





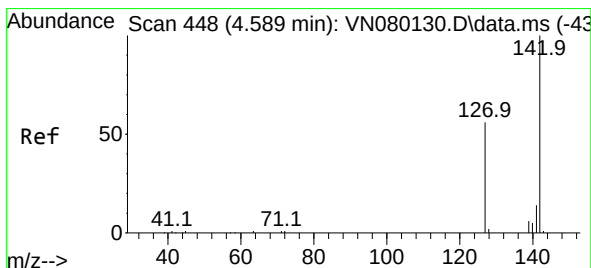
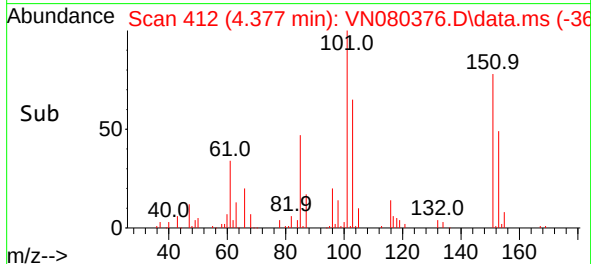
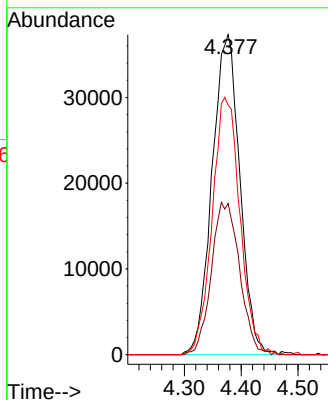
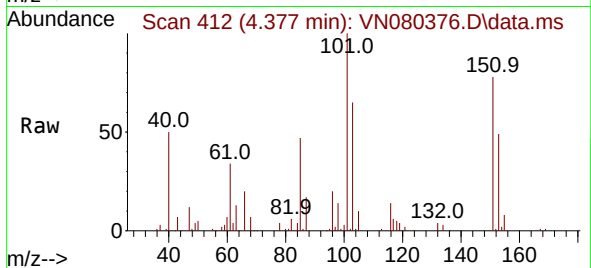
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.642 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126599
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 80.5 57.6 86.4

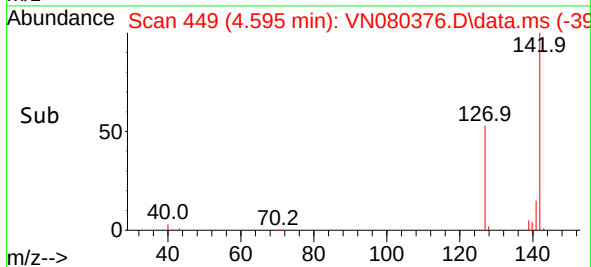
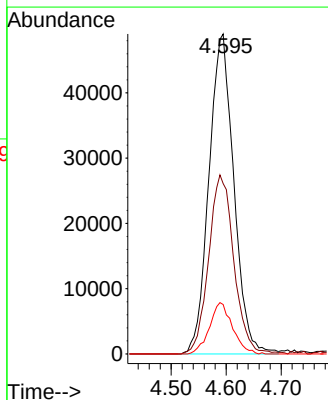
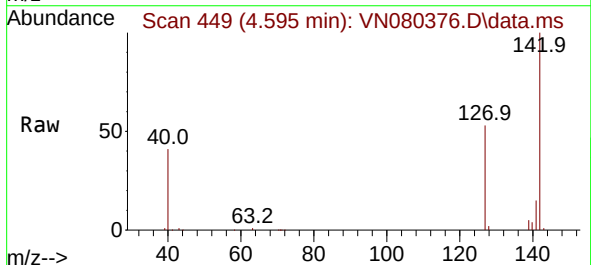
Manual Integrations
APPROVED

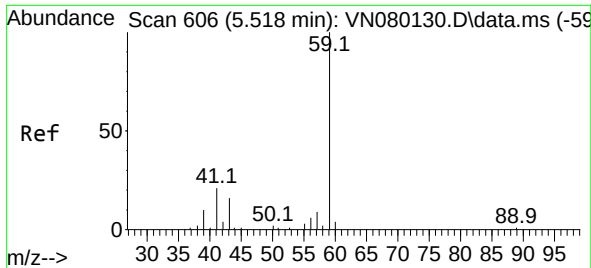
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
Methyl Iodide
Concen: 55.970 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:142 Resp: 154260
Ion Ratio Lower Upper
142 100
127 53.2 37.6 56.4
141 15.5 11.4 17.0





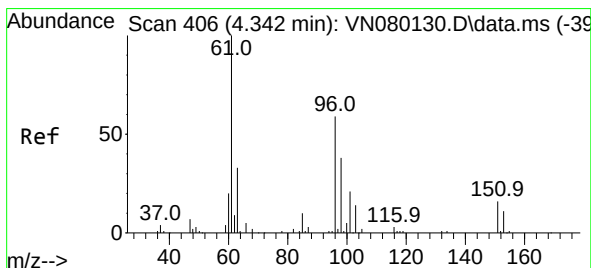
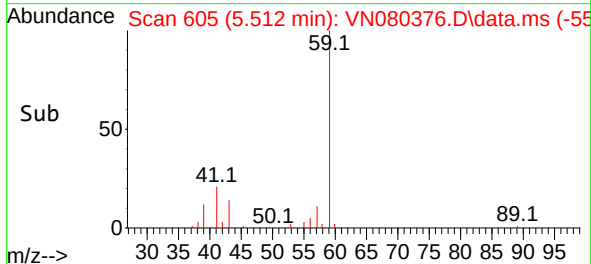
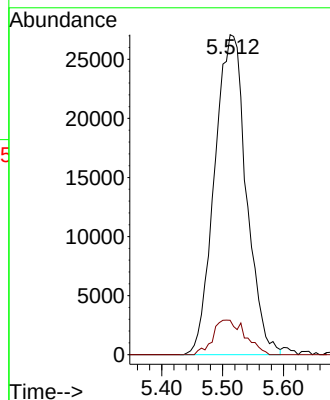
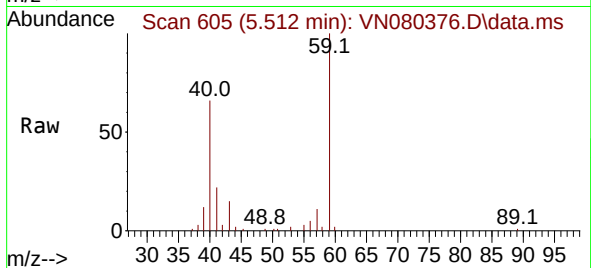
#11
Tert butyl alcohol
Concen: 240.242 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 98448
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

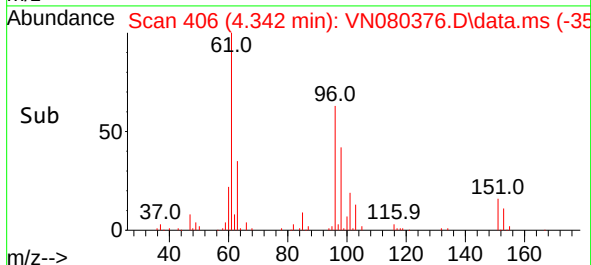
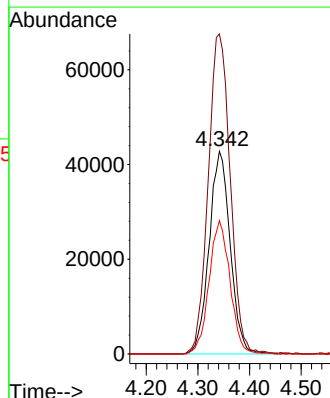
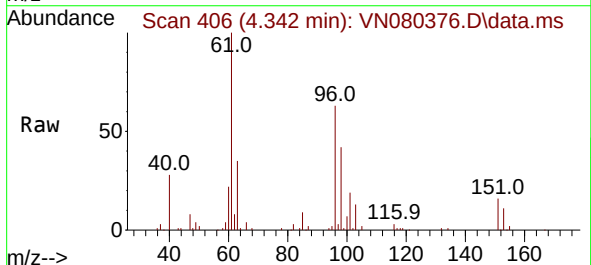
Manual Integrations
APPROVED

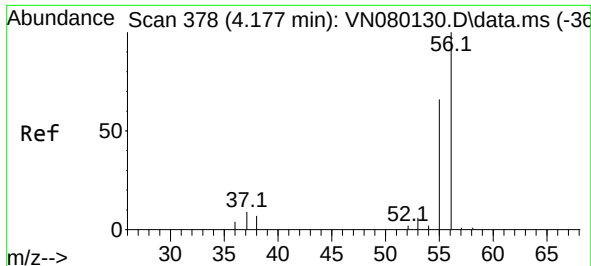
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#12
1,1-Dichloroethene
Concen: 50.909 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

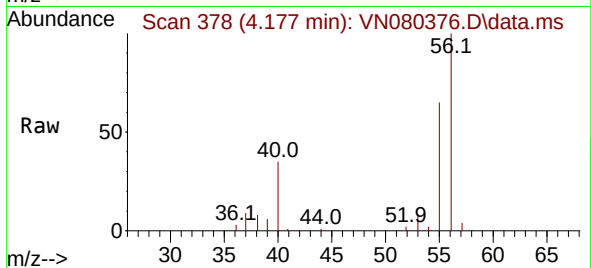
Tgt Ion: 96 Resp: 121434
Ion Ratio Lower Upper
96 100
61 157.8 112.7 169.1
98 65.8 51.2 76.8





#13
Acrolein
Concen: 397.449 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

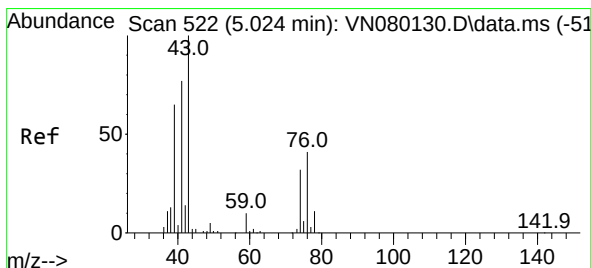
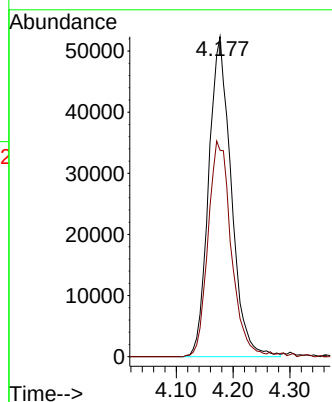
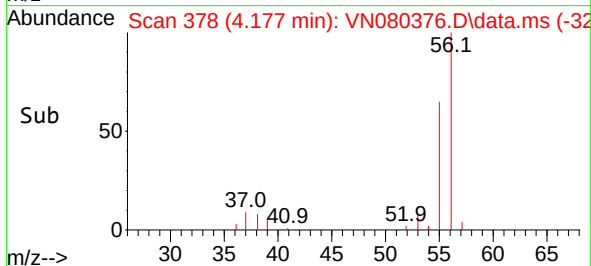
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



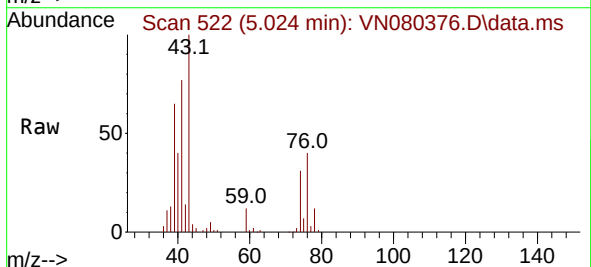
Tgt Ion: 56 Resp: 14413
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

Manual Integrations
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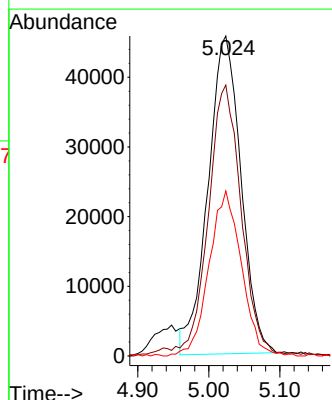
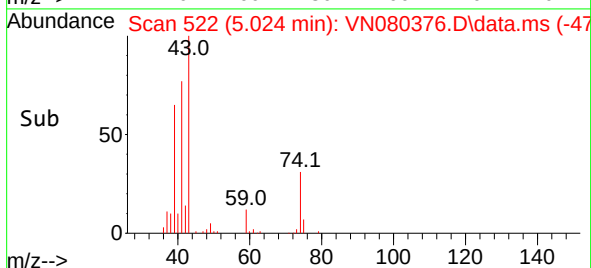
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

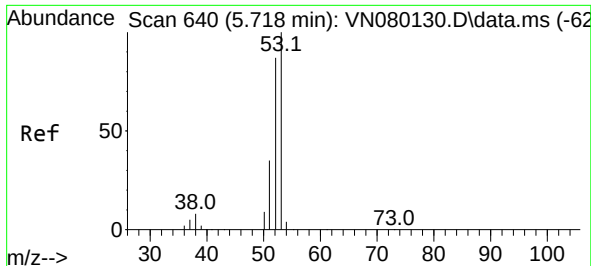


#14
Allyl chloride
Concen: 49.008 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



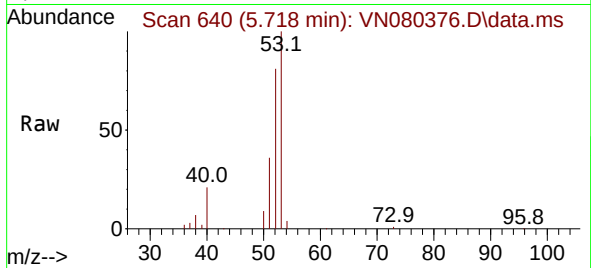
Tgt Ion: 41 Resp: 147077
Ion Ratio Lower Upper
41 100
39 84.2 58.8 88.2
76 51.0 39.1 58.7





#15
Acrylonitrile
Concen: 253.433 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

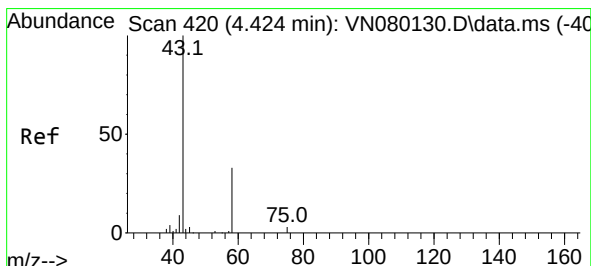
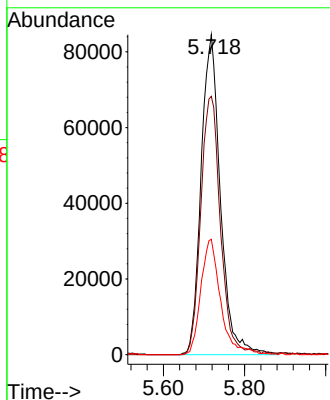
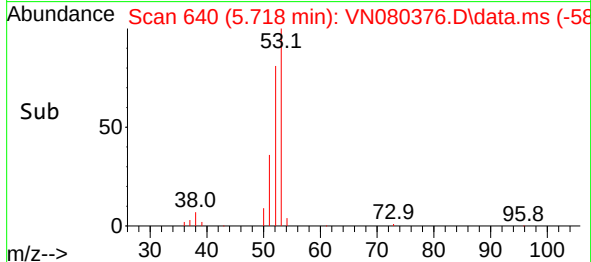
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



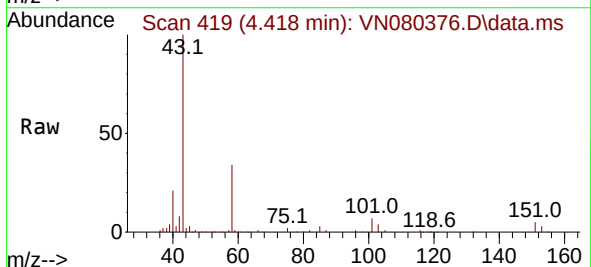
Tgt Ion: 53 Resp: 278798
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
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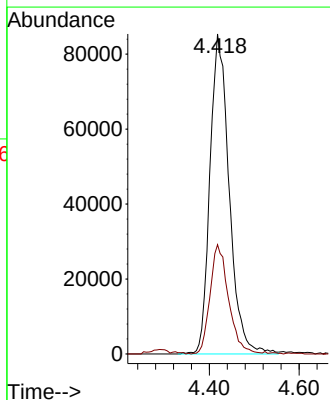
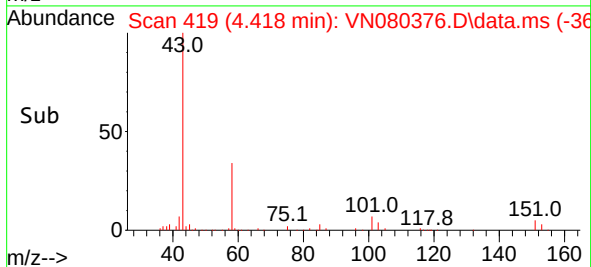
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

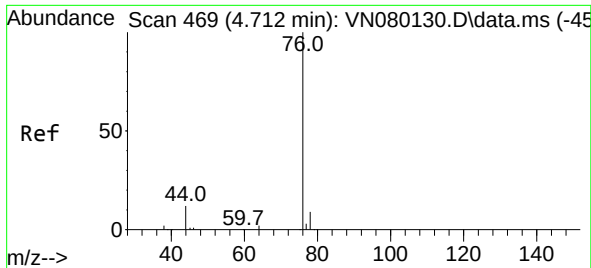


#16
Acetone
Concen: 202.969 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



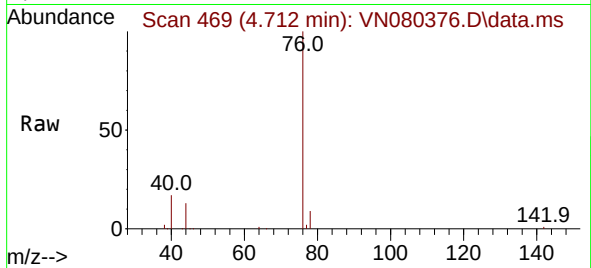
Tgt Ion: 43 Resp: 254036
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0





#17
Carbon Disulfide
Concen: 46.179 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

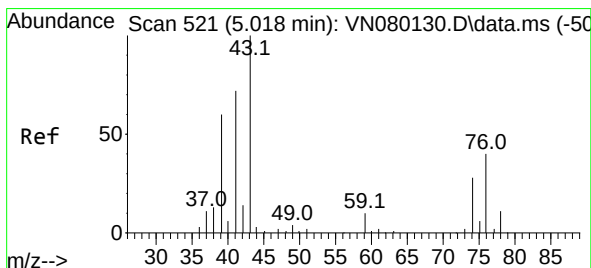
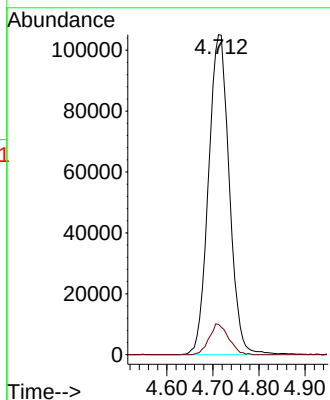
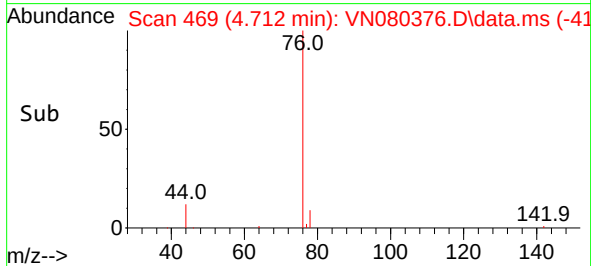
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



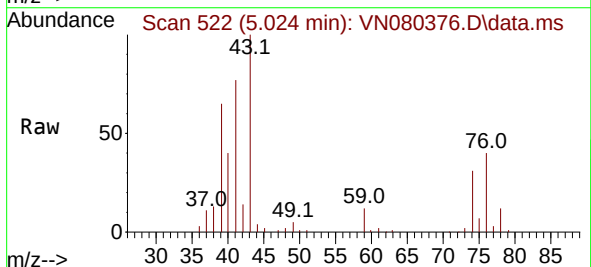
Tgt Ion: 76 Resp: 328890
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
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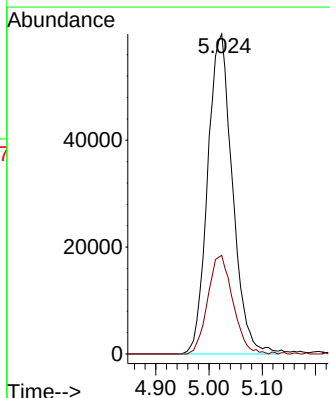
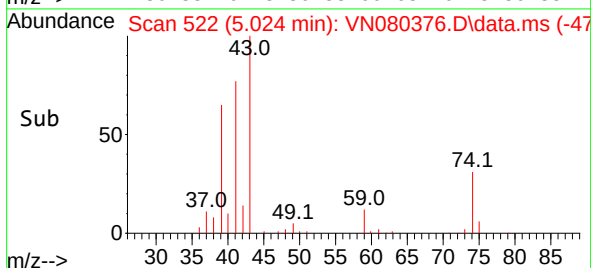
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

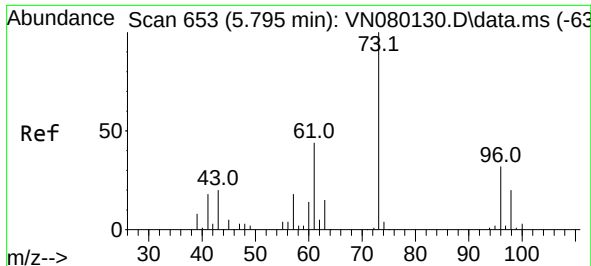


#18
Methyl Acetate
Concen: 48.155 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



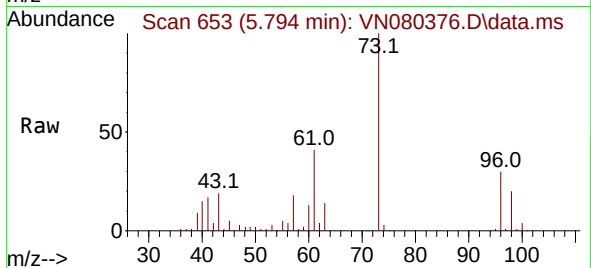
Tgt Ion: 43 Resp: 193651
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 55.031 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

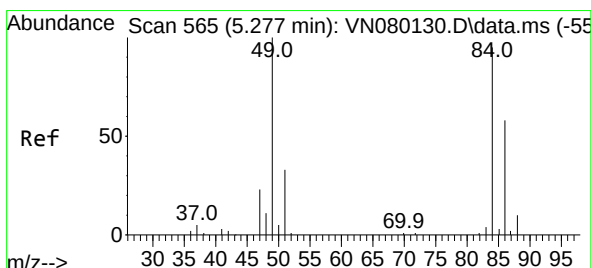
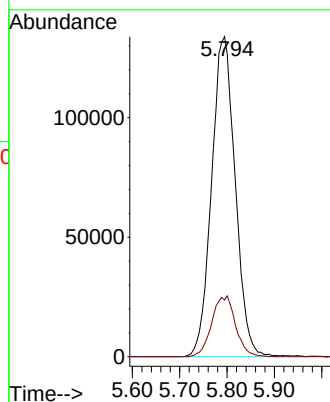
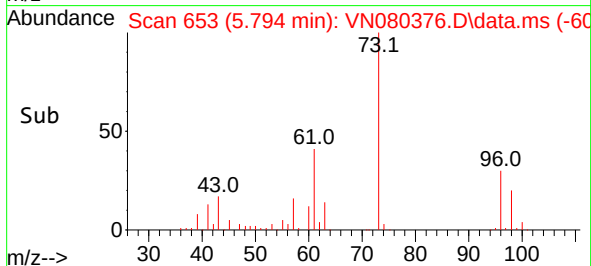
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



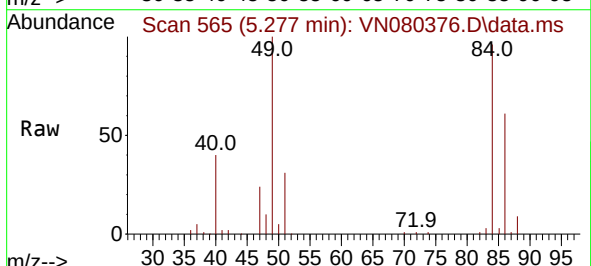
Tgt Ion: 73 Resp: 46356
Ion Ratio Lower Upper
73 100
57 17.7 15.6 23.4

Manual Integrations
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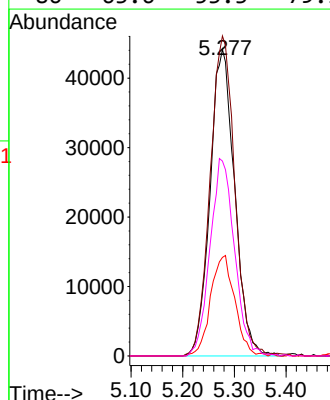
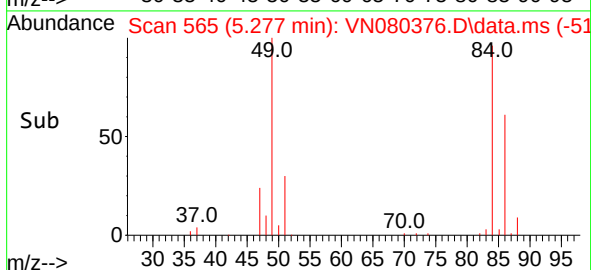
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

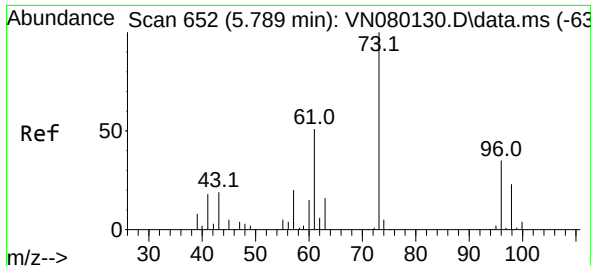


#20
Methylene Chloride
Concen: 55.562 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



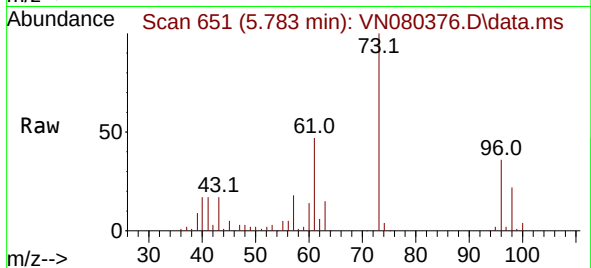
Tgt Ion: 84 Resp: 145631
Ion Ratio Lower Upper
84 100
49 104.4 79.7 119.5
51 32.2 25.2 37.8
86 63.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.221 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

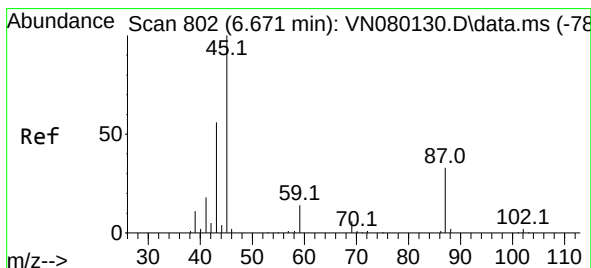
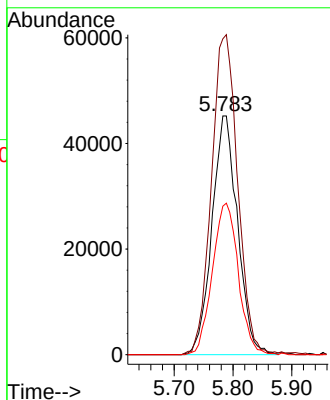
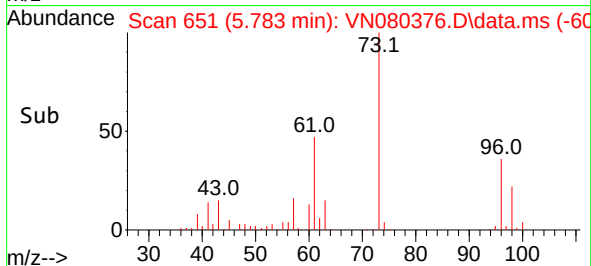
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



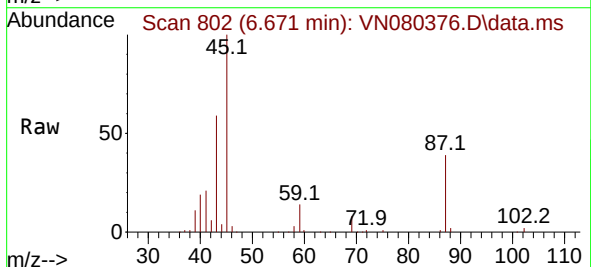
Tgt Ion: 96 Resp: 13684
Ion Ratio Lower Upper
96 100
61 132.3 90.1 135.1
98 62.2 46.4 69.6

Manual Integrations
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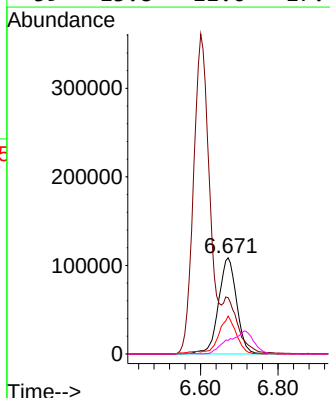
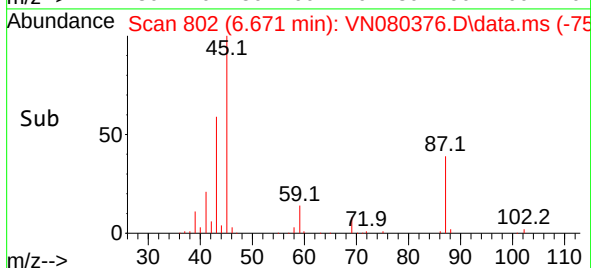
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

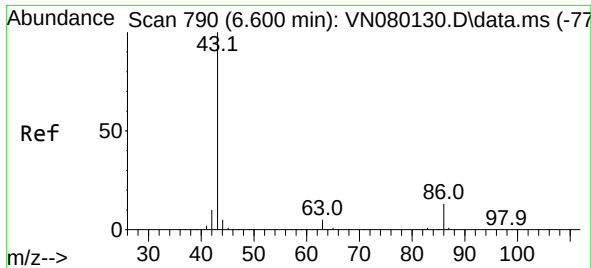


#22
Diisopropyl ether
Concen: 52.926 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion: 45 Resp: 351415
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 39.4 31.8 47.8
59 13.8 11.6 17.4





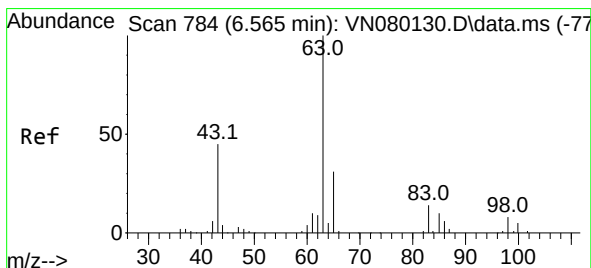
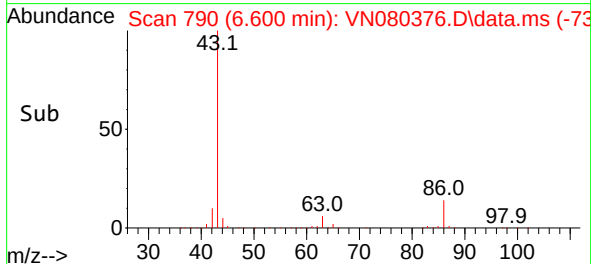
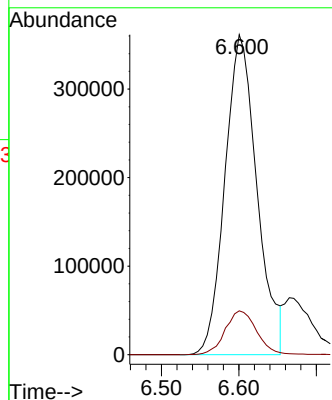
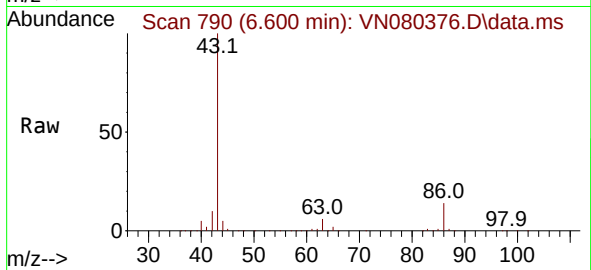
#23
 Vinyl Acetate
 Concen: 260.862 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 104128
 Ion Ratio Lower Upper
 43 100
 86 13.7 13.0 19.6

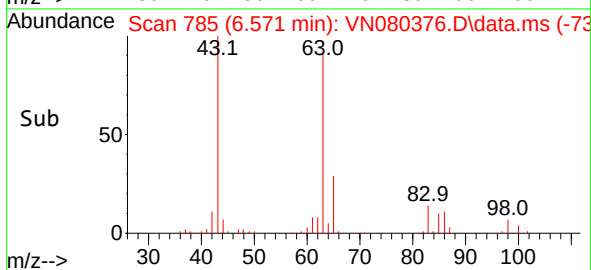
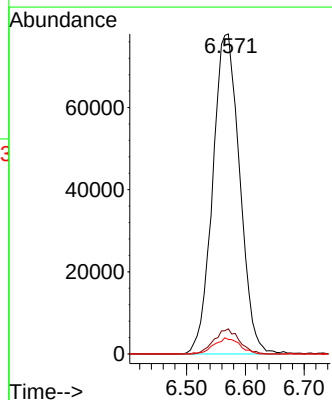
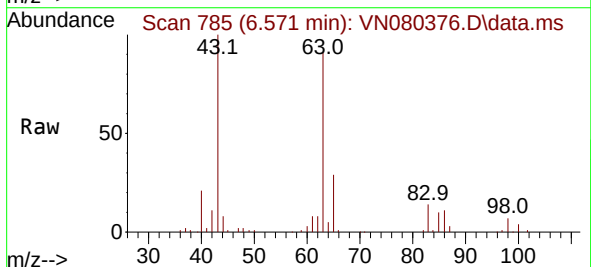
Manual Integrations
 APPROVED

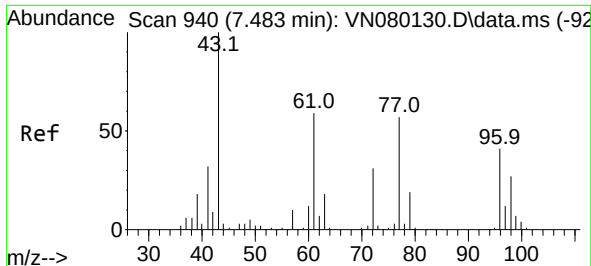
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#24
 1,1-Dichloroethane
 Concen: 51.419 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 63 Resp: 248657
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.6 2.5 7.4





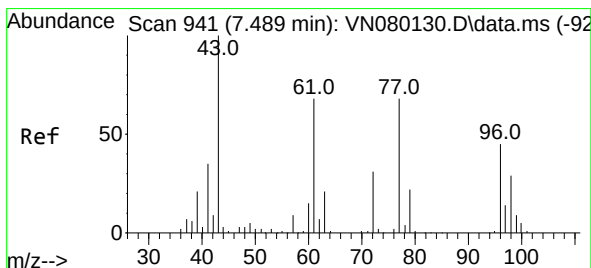
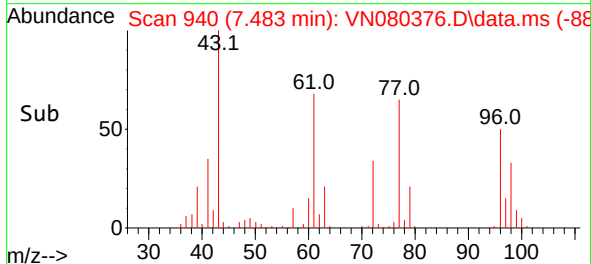
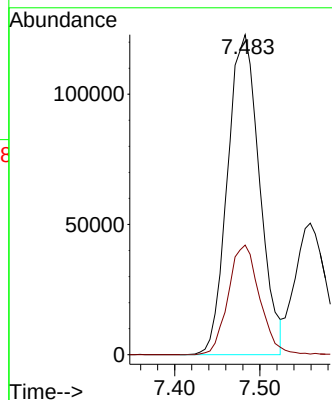
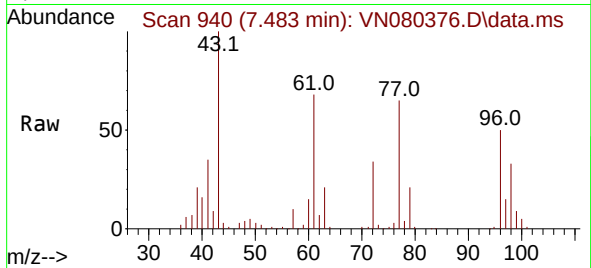
#25
2-Butanone
Concen: 215.677 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 32072
Ion Ratio Lower Upper
43 100
72 34.2 30.2 45.2

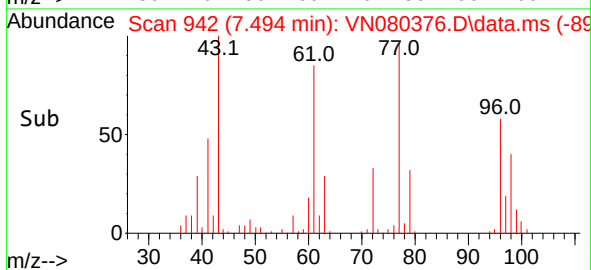
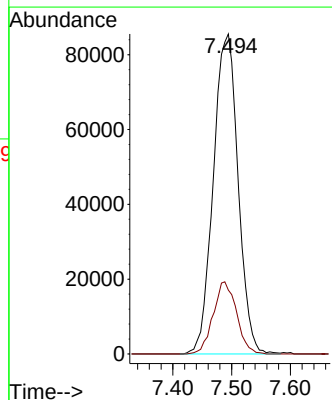
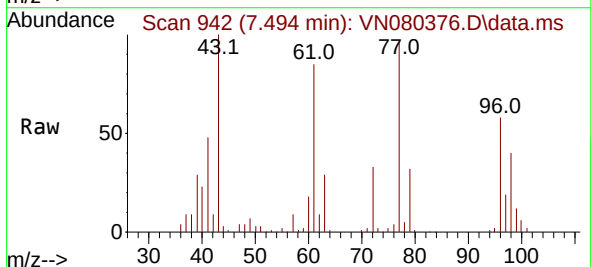
Manual Integrations
APPROVED

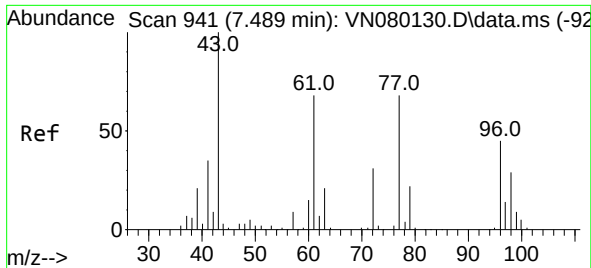
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#26
2,2-Dichloropropane
Concen: 52.165 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

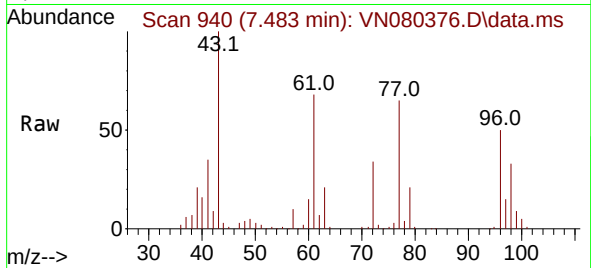
Tgt Ion: 77 Resp: 250281
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.980 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

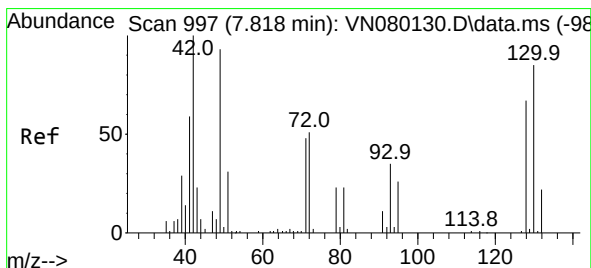
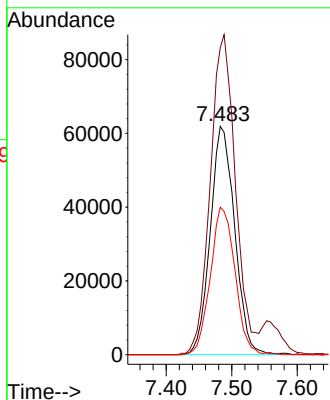
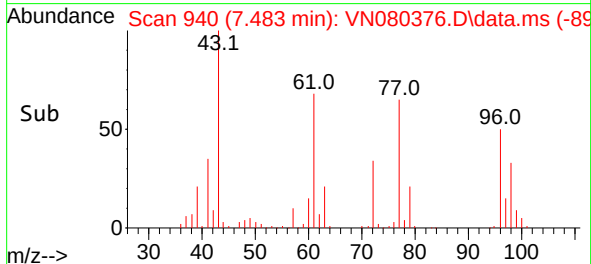
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 160372
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 255.2
 98 65.2 0.0 128.8

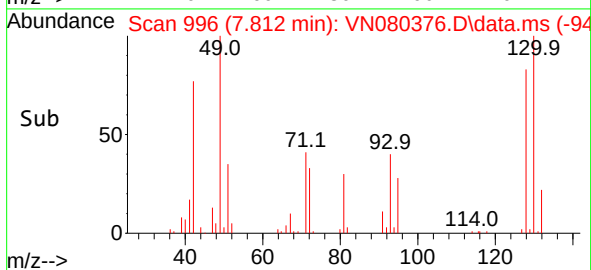
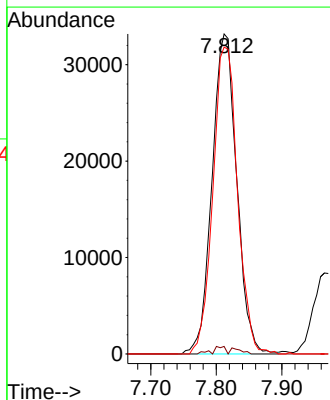
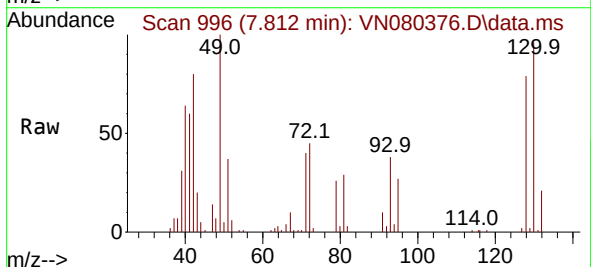
Manual Integrations
 APPROVED

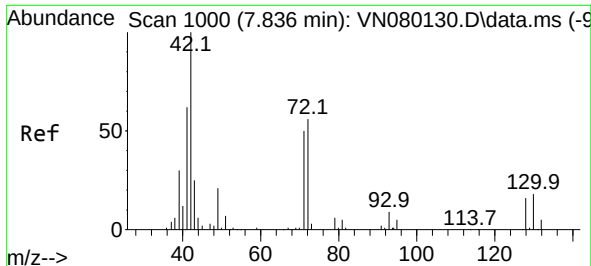
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#28
 Bromochloromethane
 Concen: 45.632 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion: 49 Resp: 86754
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 95.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 248.661 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 19852

Ion Ratio Lower Upper

42 100

72 57.7 49.8 74.6

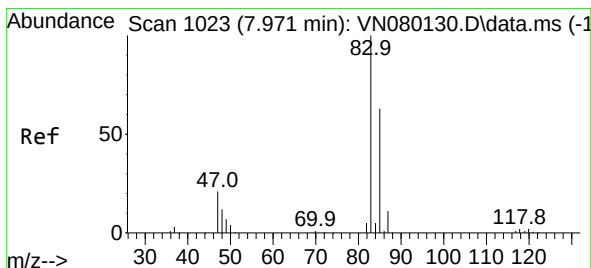
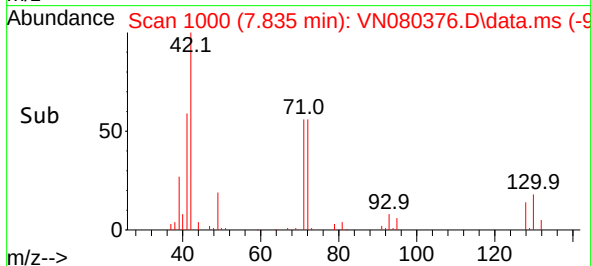
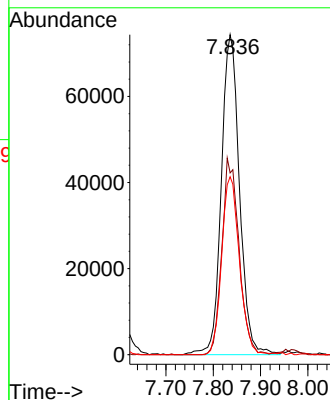
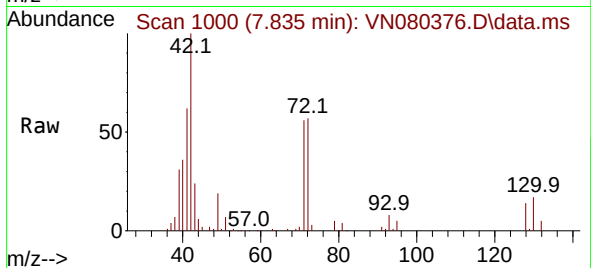
71 54.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#30

Chloroform

Concen: 53.936 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080376.D

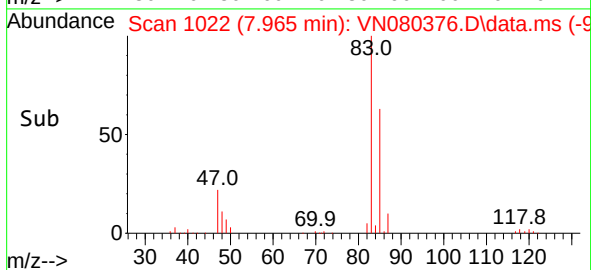
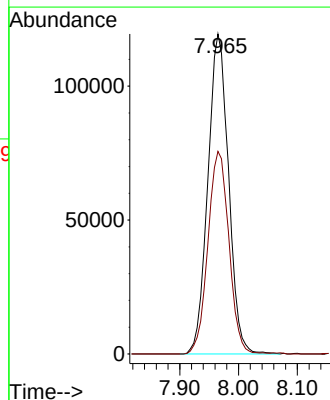
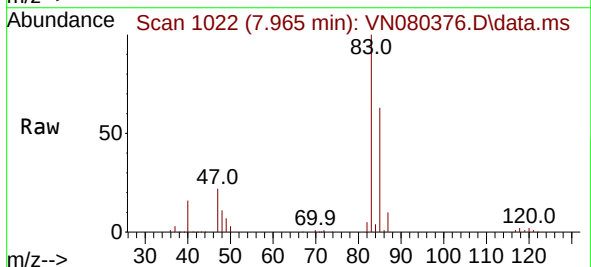
Acq: 06 Dec 2023 10:53

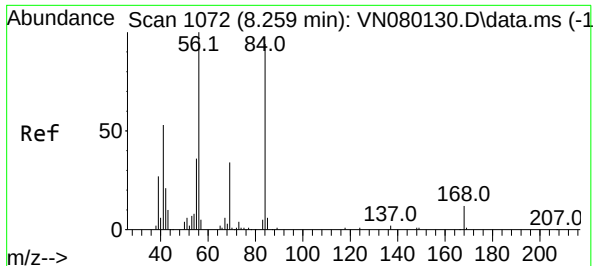
Tgt Ion: 83 Resp: 291534

Ion Ratio Lower Upper

83 100

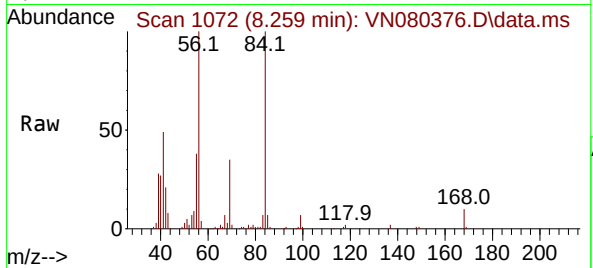
85 63.3 55.4 83.0





#31
Cyclohexane
Concen: 43.202 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

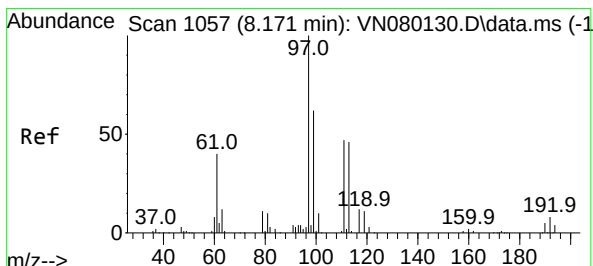
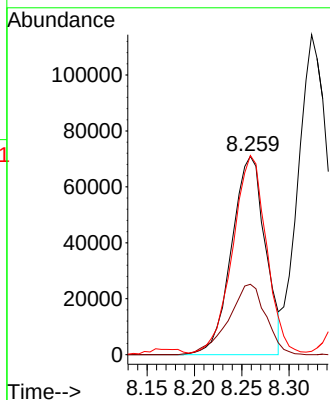
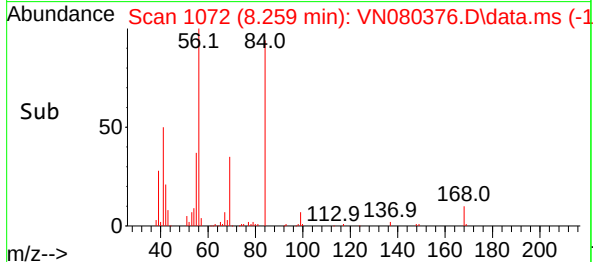
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



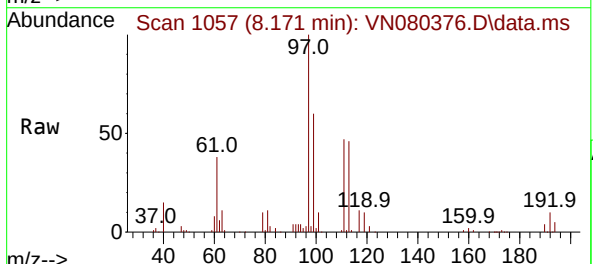
Tgt Ion: 56 Resp: 17507
Ion Ratio Lower Upper
56 100
69 35.5 26.8 40.2
84 97.7 81.8 122.6

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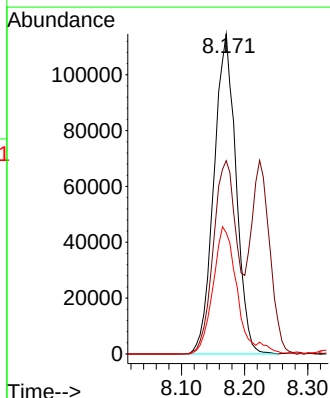
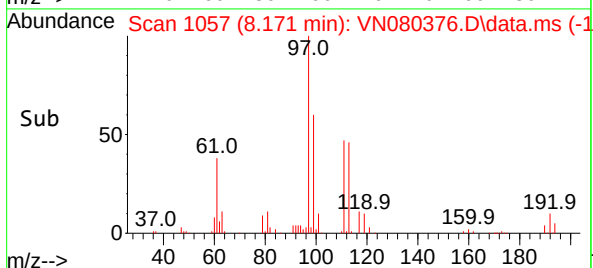
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

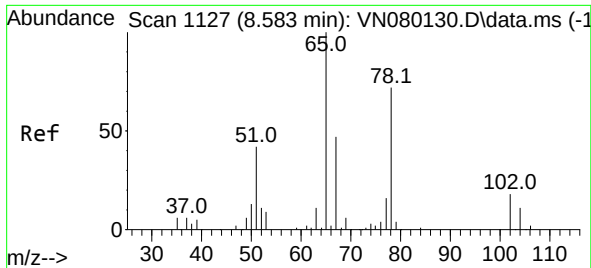


#32
1,1,1-Trichloroethane
Concen: 52.758 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion: 97 Resp: 278100
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 43.6 34.7 52.1





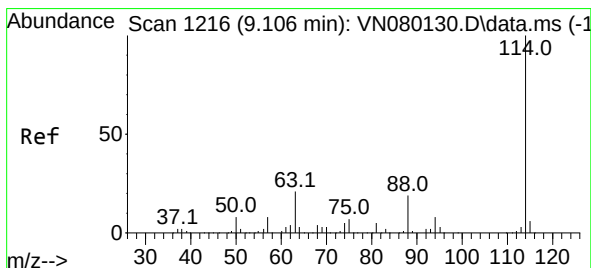
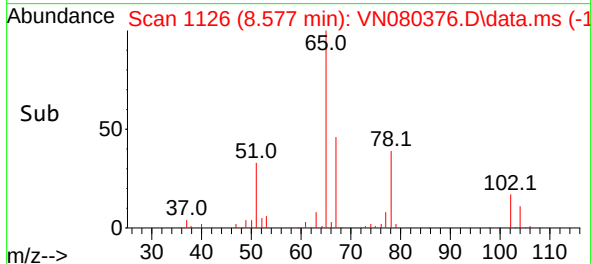
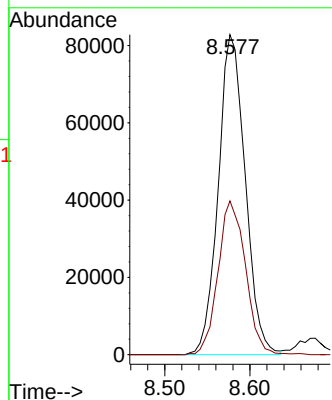
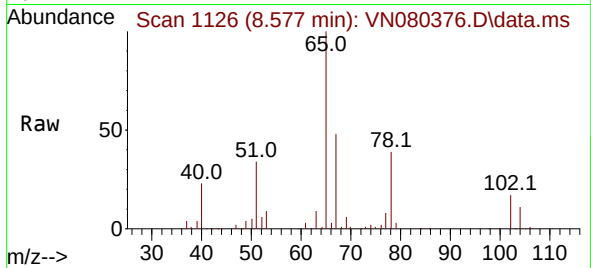
#33
1,2-Dichloroethane-d4
Concen: 48.915 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 182270
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.6

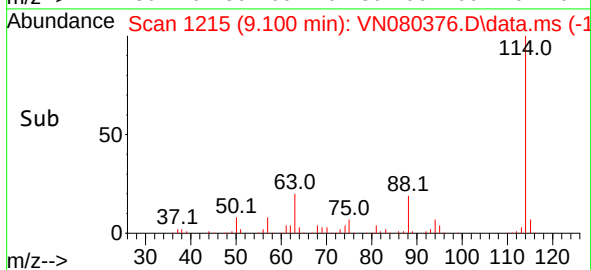
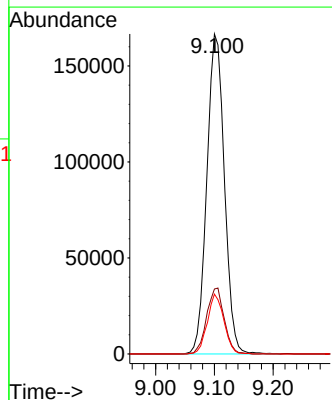
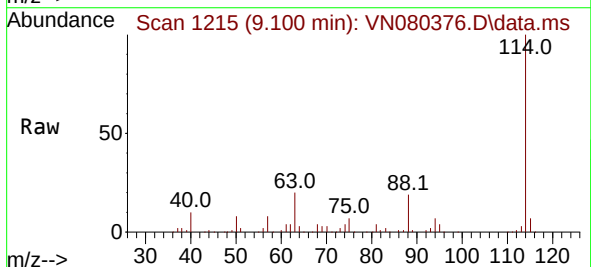
Manual Integrations
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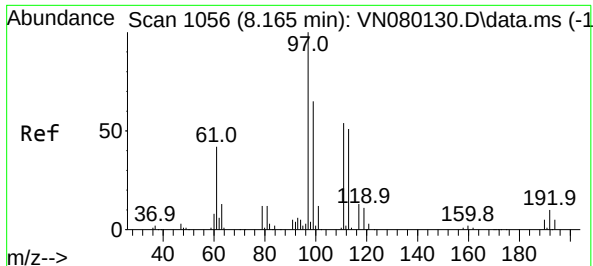
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:114 Resp: 345762
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 18.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.880 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 134910

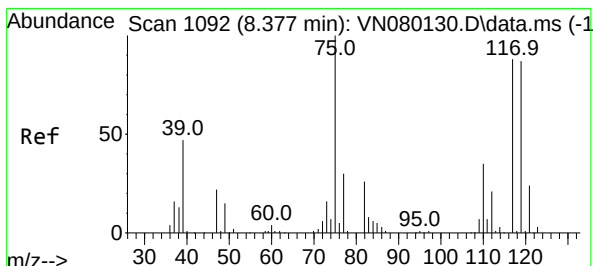
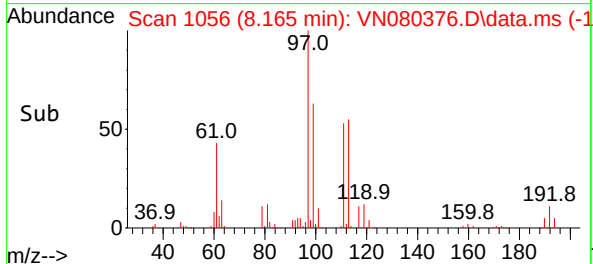
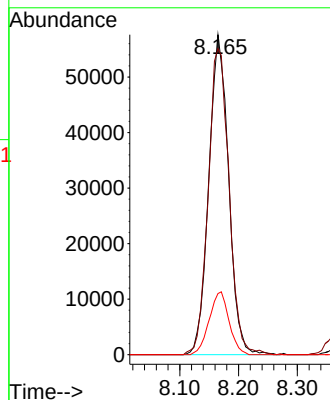
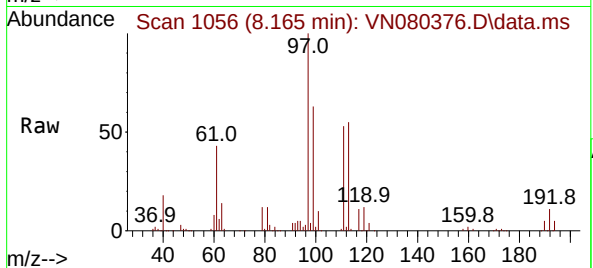
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.6	123.8
192	19.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#36

1,1-Dichloropropene

Concen: 52.831 ug/l

RT: 8.371 min Scan# 1091

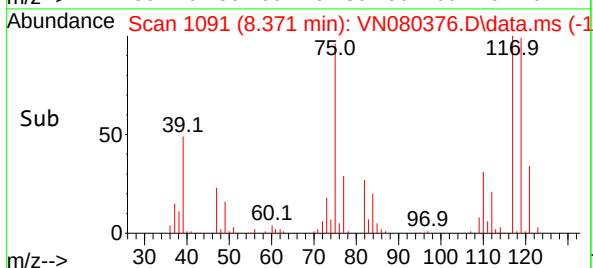
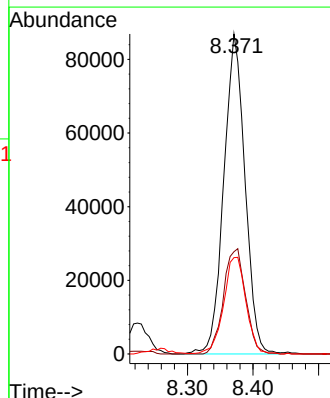
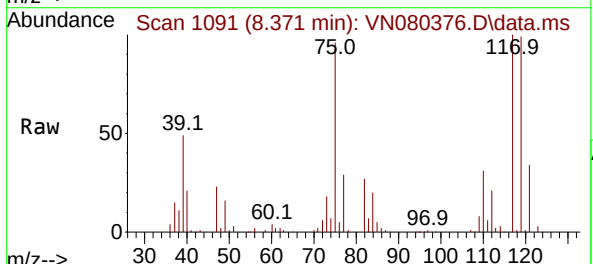
Delta R.T. -0.006 min

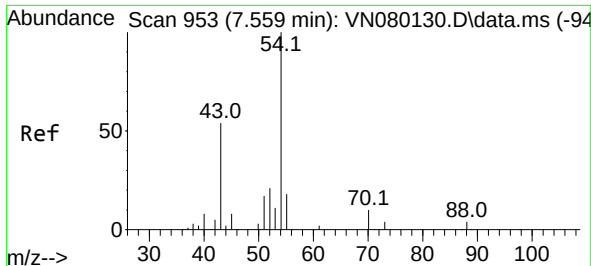
Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Tgt Ion: 75 Resp: 195144

Ion	Ratio	Lower	Upper
75	100		
110	34.2	19.1	57.3
77	31.9	25.0	37.4





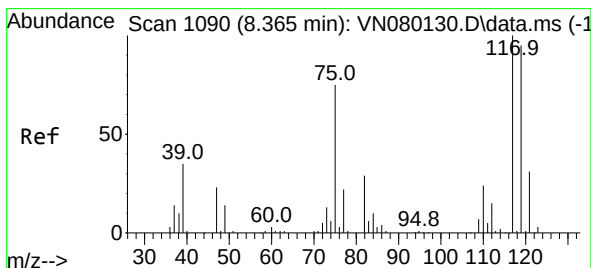
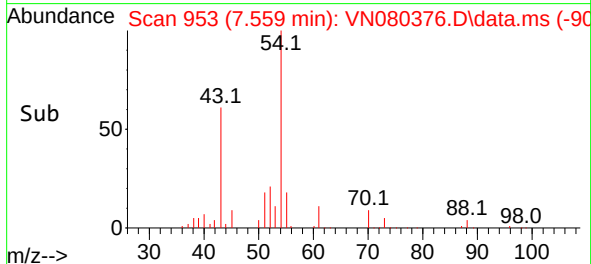
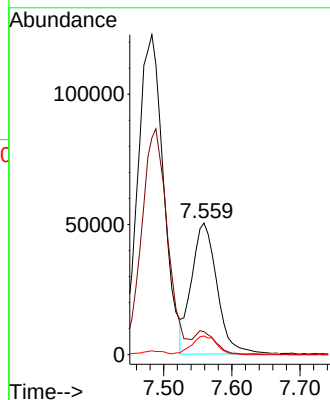
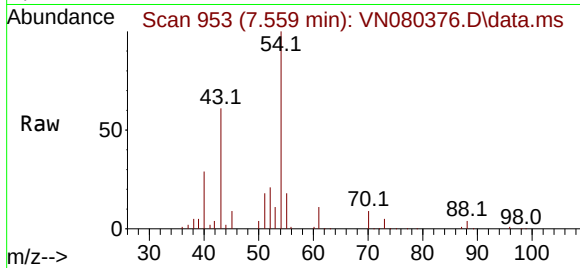
#37
Ethyl Acetate
Concen: 50.920 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 13046
Ion Ratio Lower Upper
43 100
61 13.5 13.2 19.8
70 14.1 11.3 16.9

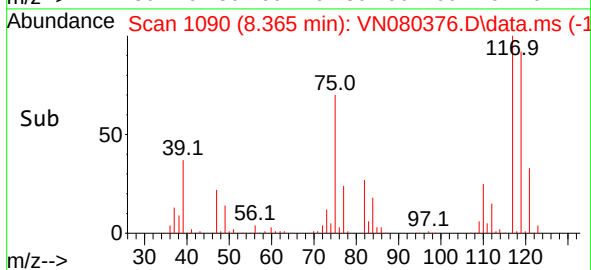
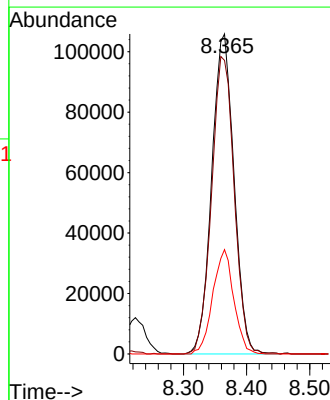
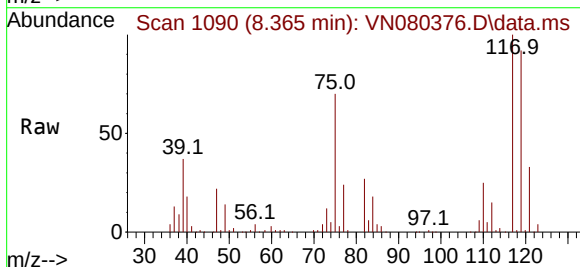
Manual Integrations
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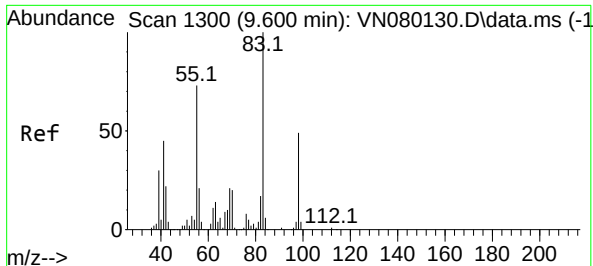
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#38
Carbon Tetrachloride
Concen: 55.347 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:117 Resp: 259431
Ion Ratio Lower Upper
117 100
119 91.8 77.3 115.9
121 32.6 23.3 34.9





#39

Methylcyclohexane

Concen: 52.214 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 18596

Ion Ratio Lower Upper

83 100

55 66.7 49.1 73.7

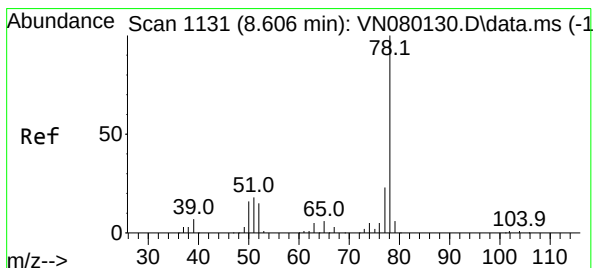
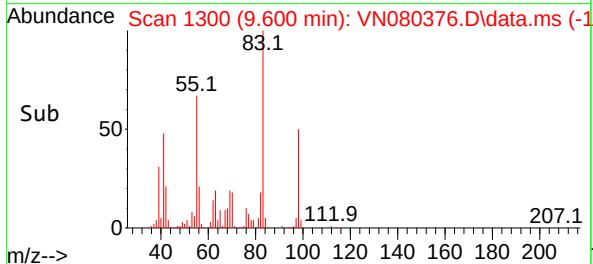
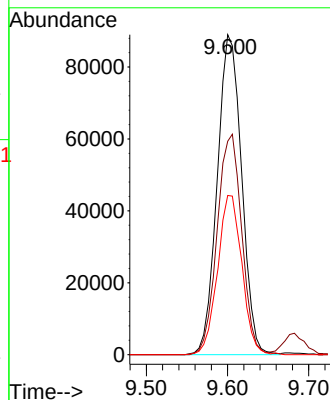
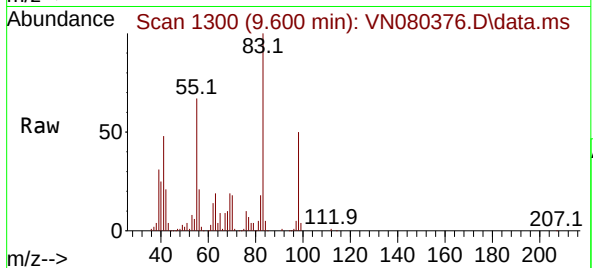
98 49.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#40

Benzene

Concen: 54.148 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080376.D

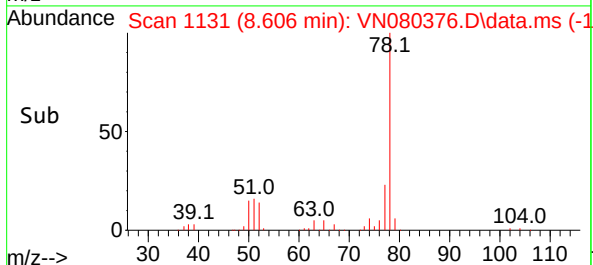
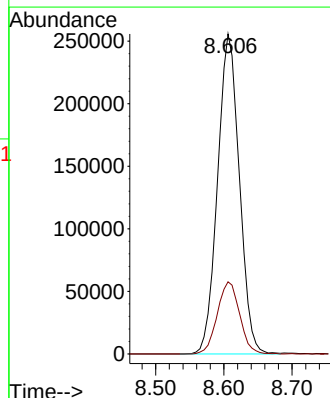
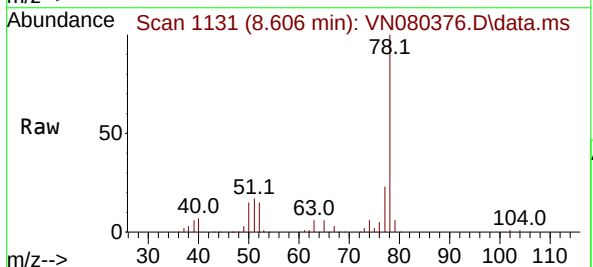
Acq: 06 Dec 2023 10:53

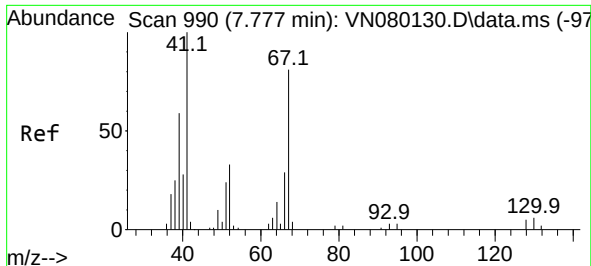
Tgt Ion: 78 Resp: 568449

Ion Ratio Lower Upper

78 100

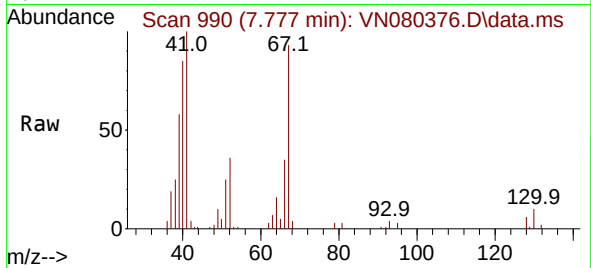
77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 54.587 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

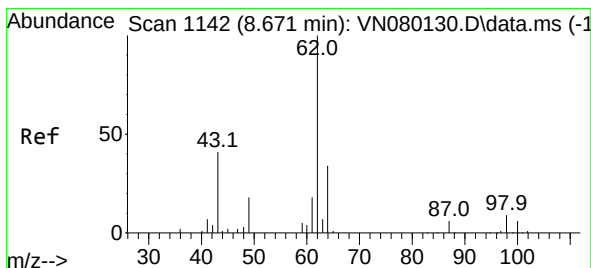
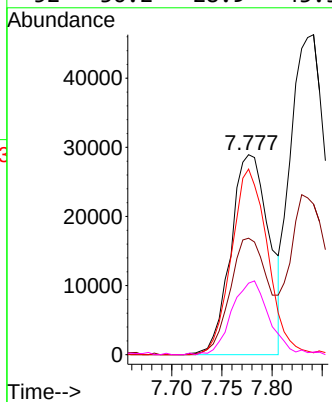
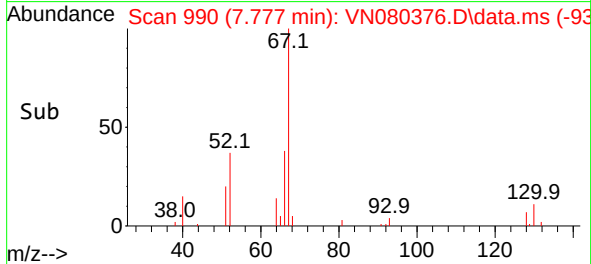
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7680
Ion Ratio Lower Upper
41 100
39 59.1 42.6 64.0
67 87.7 77.5 116.3
52 36.2 28.9 43.3

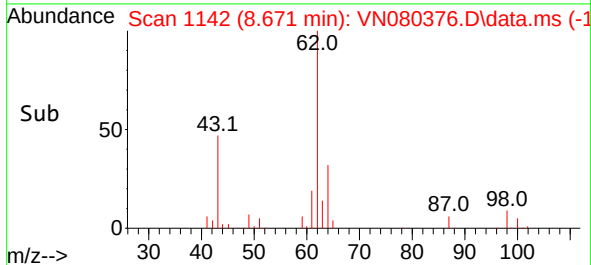
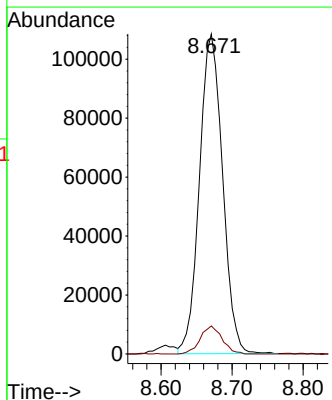
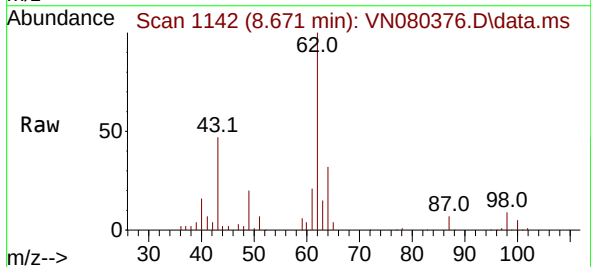
Manual Integrations
APPROVED

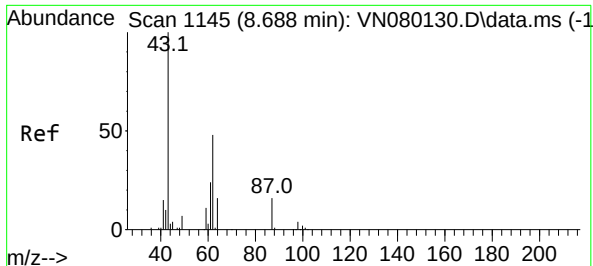
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#42
1,2-Dichloroethane
Concen: 57.149 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

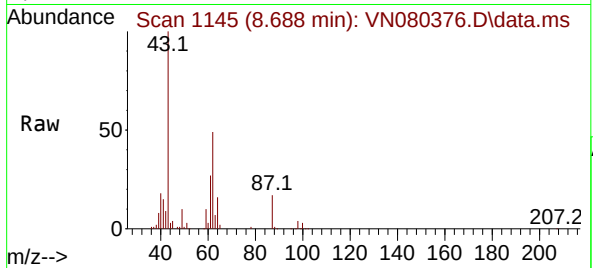
Tgt Ion: 62 Resp: 245452
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.817 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

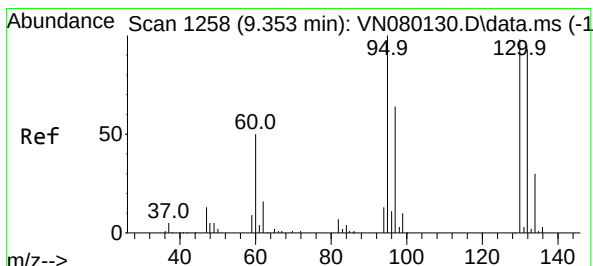
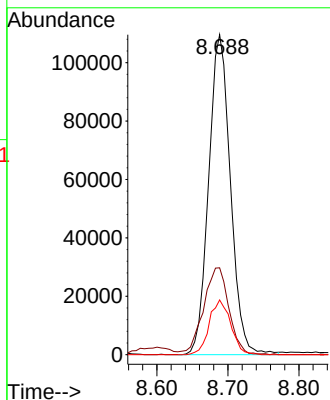
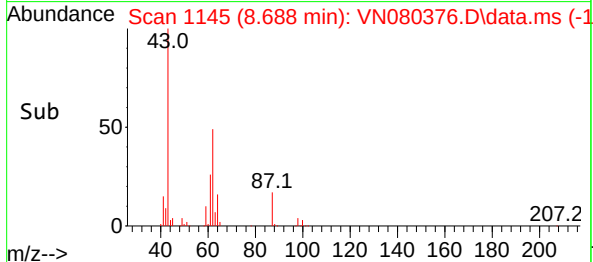
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



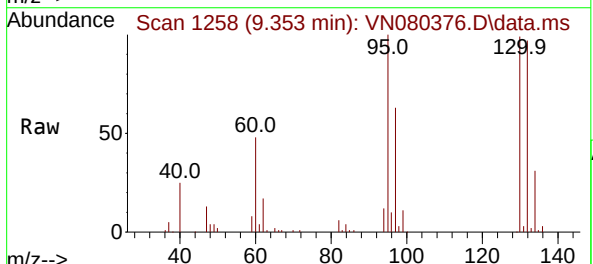
Tgt Ion: 43 Resp: 233420
Ion Ratio Lower Upper
43 100
61 31.8 24.7 37.1
87 16.9 14.6 21.8

Manual Integrations
APPROVED

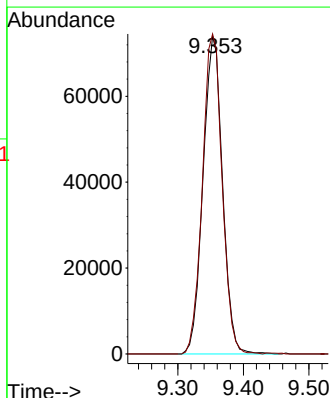
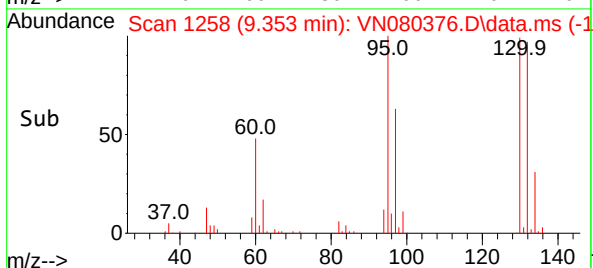
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

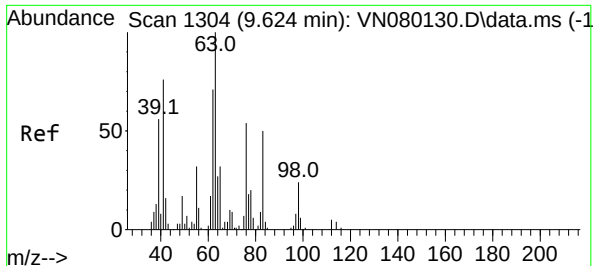


#44
Trichloroethene
Concen: 55.456 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion:130 Resp: 152713
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.6





#45
1,2-Dichloropropane
Concen: 55.234 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

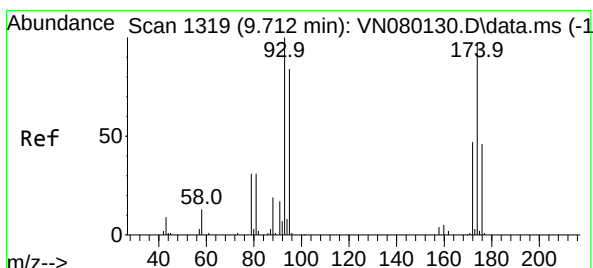
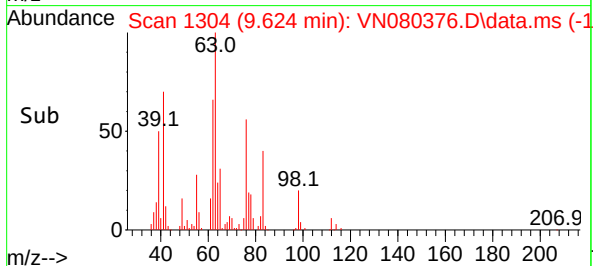
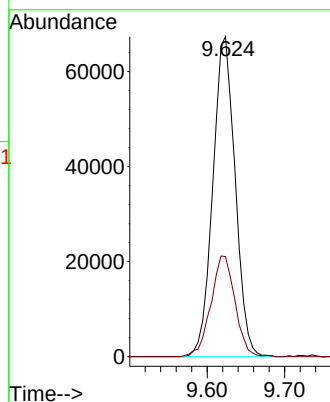
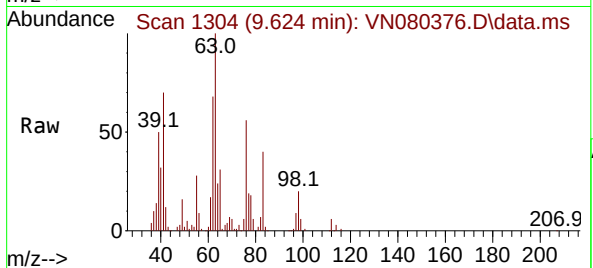
VSTDCCC050

Tgt Ion: 63 Resp: 13475
Ion Ratio Lower Upper
63 100
65 31.3 23.9 35.9

Manual Integrations

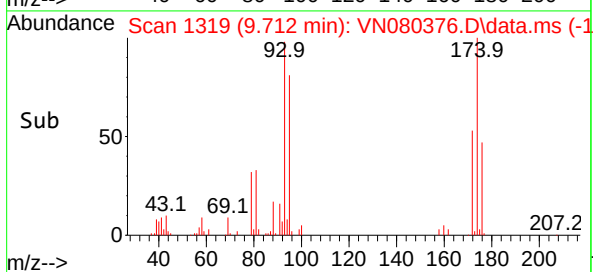
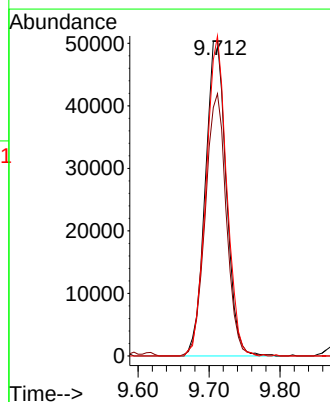
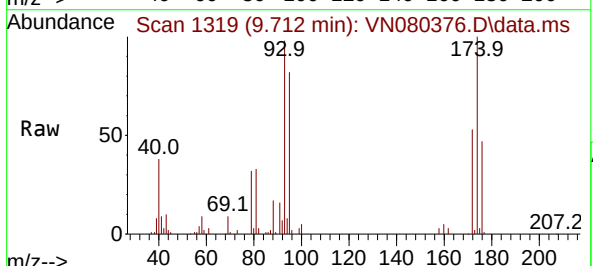
APPROVED

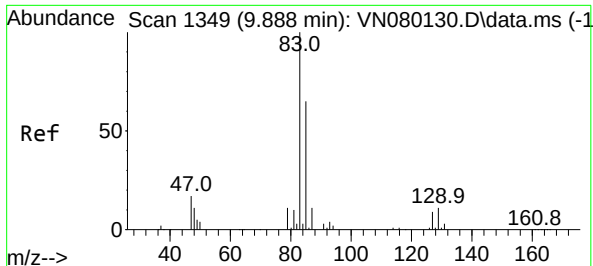
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#46
Dibromomethane
Concen: 56.113 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

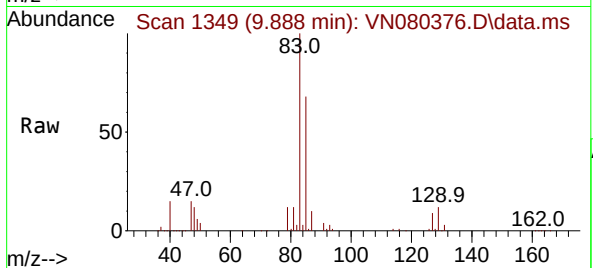
Tgt Ion: 93 Resp: 103627
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 99.1 65.6 98.4#





#47
Bromodichloromethane
Concen: 57.897 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

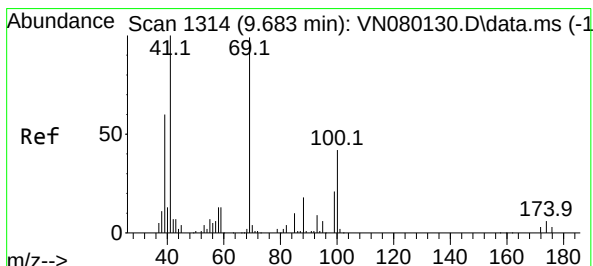
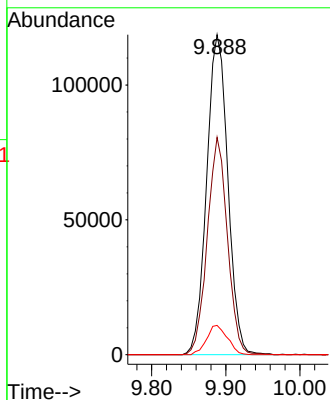
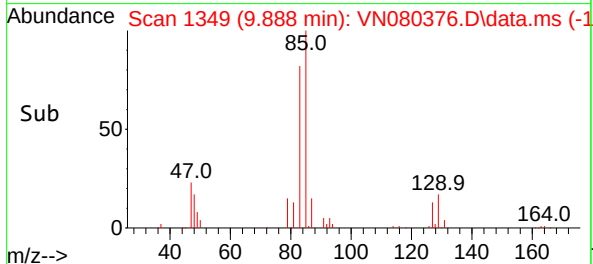
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 235190
Ion Ratio Lower Upper
83 100
85 67.9 49.6 74.4
127 9.2 7.0 10.6

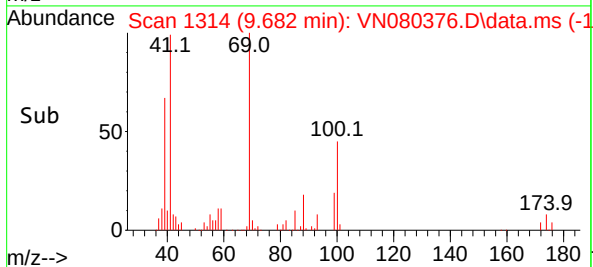
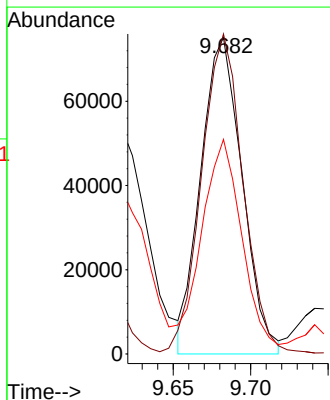
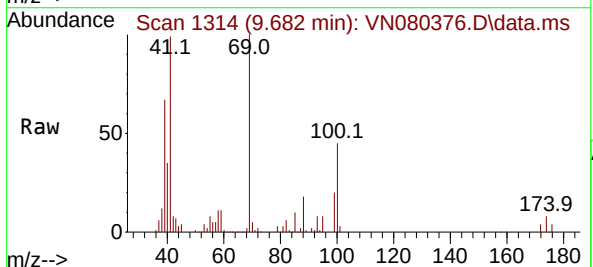
Manual Integrations
APPROVED

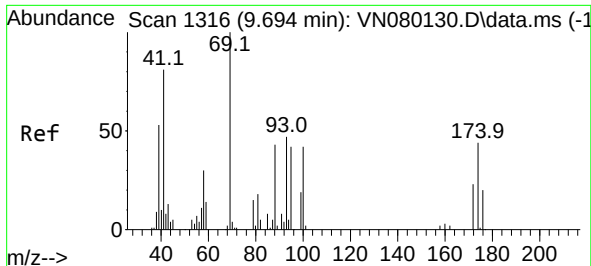
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#48
Methyl methacrylate
Concen: 54.204 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

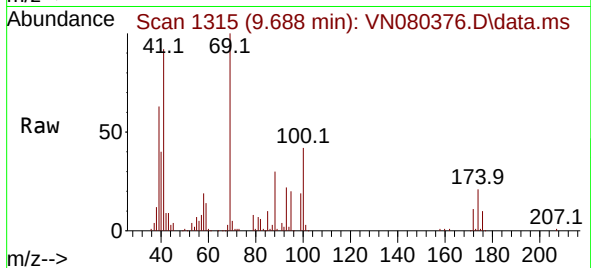
Tgt Ion: 41 Resp: 139271
Ion Ratio Lower Upper
41 100
69 101.1 90.4 135.6
39 67.7 54.6 81.8





#49
1,4-Dioxane
Concen: 951.677 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

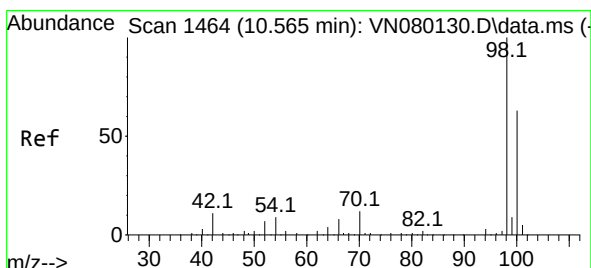
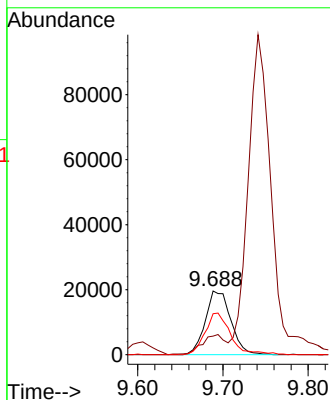
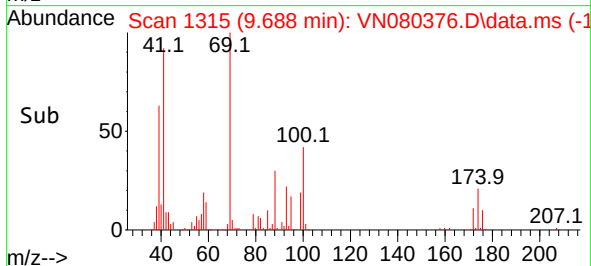
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



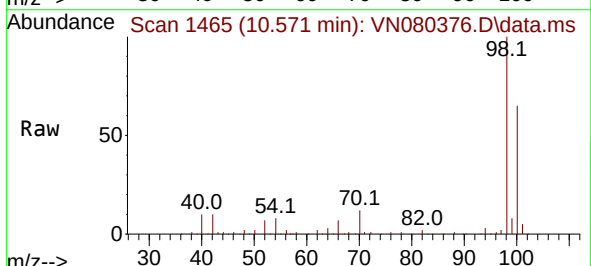
Tgt Ion: 88 Resp: 40679
Ion Ratio Lower Upper
88 100
43 27.5 17.0 25.6
58 65.5 47.0 70.4

Manual Integrations
APPROVED

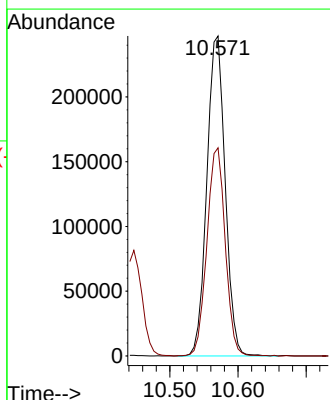
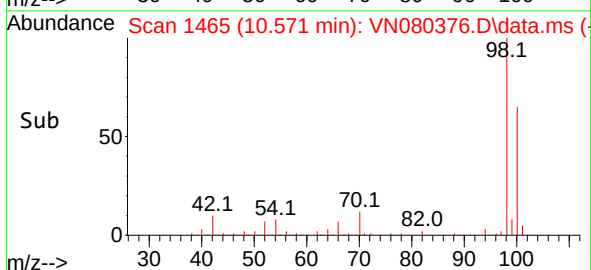
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

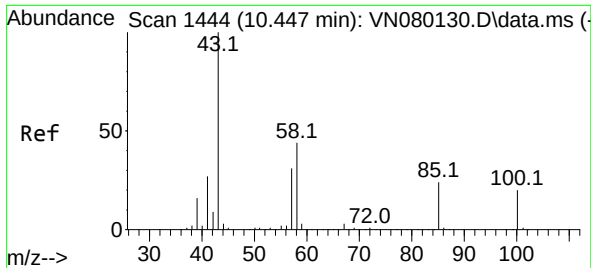


#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion: 98 Resp: 461599
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





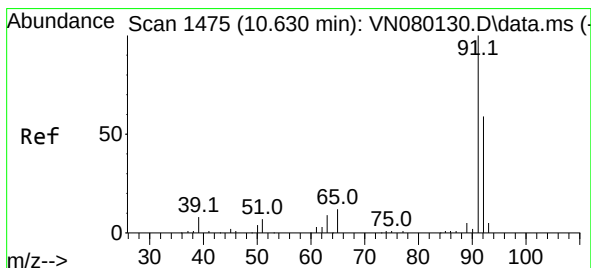
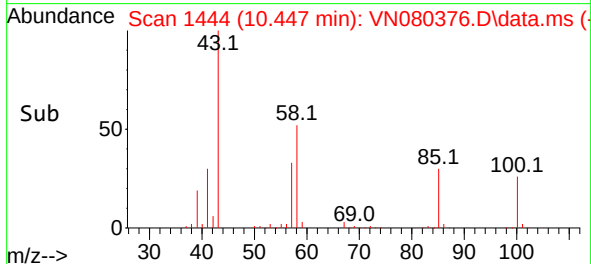
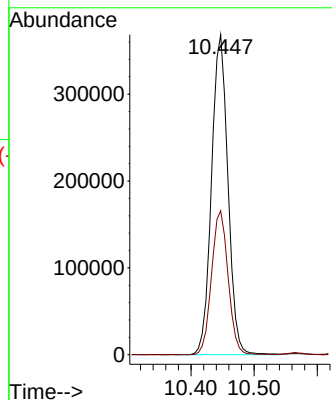
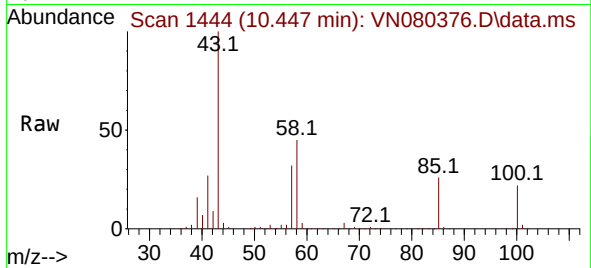
#51
4-Methyl-2-Pentanone
Concen: 257.388 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 664388
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8

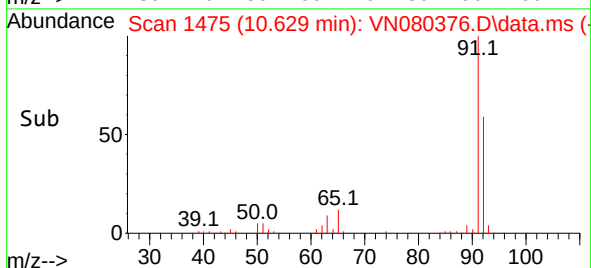
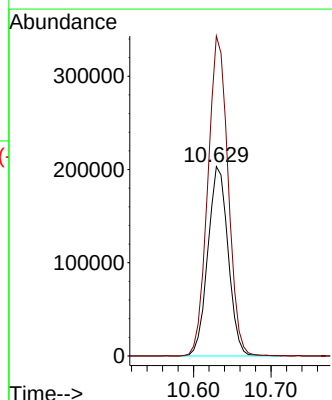
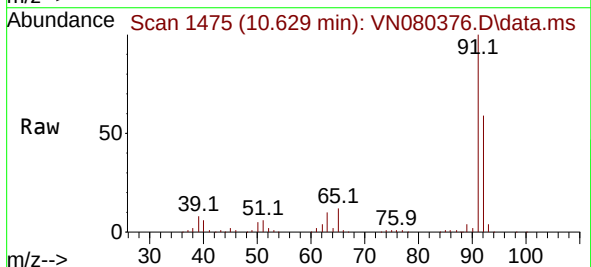
Manual Integrations
APPROVED

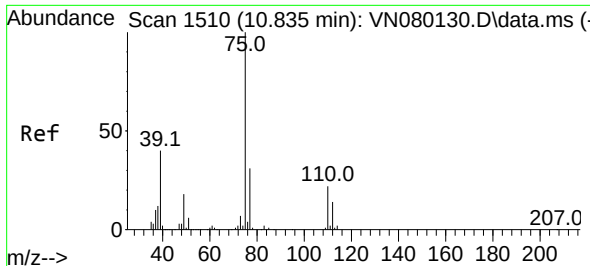
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#52
Toluene
Concen: 56.135 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion: 92 Resp: 368799
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0





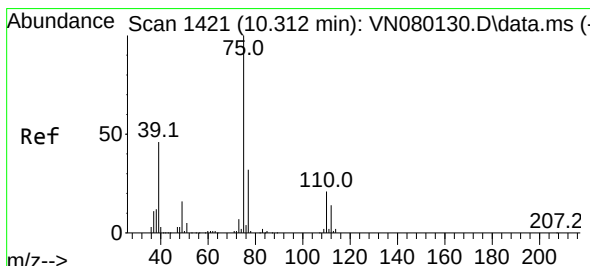
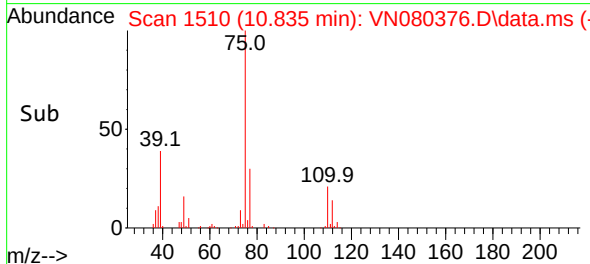
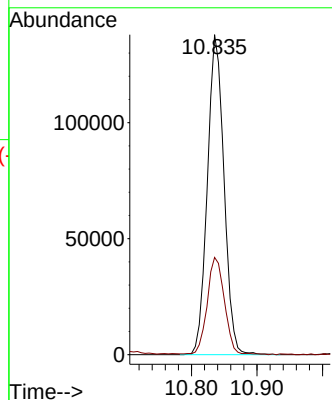
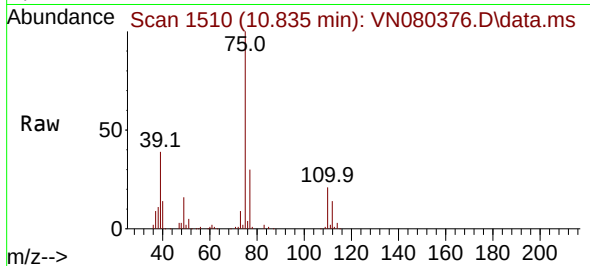
#53
t-1,3-Dichloropropene
Concen: 58.241 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 243080
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

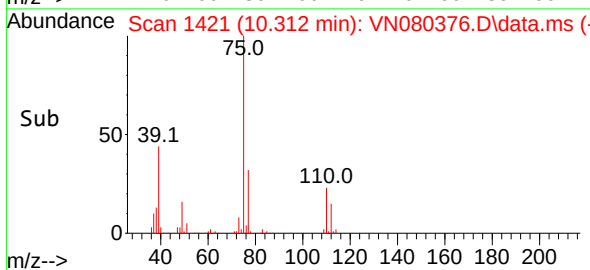
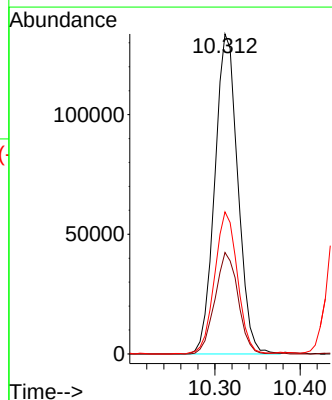
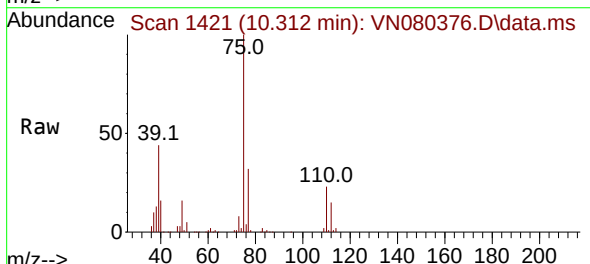
Manual Integrations
APPROVED

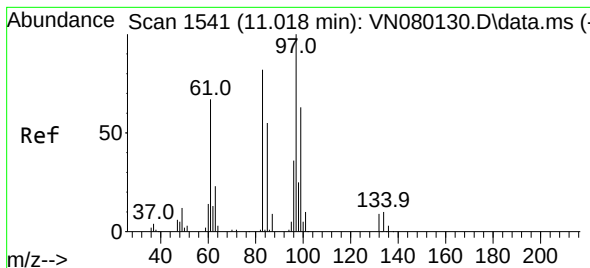
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#54
cis-1,3-Dichloropropene
Concen: 58.858 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

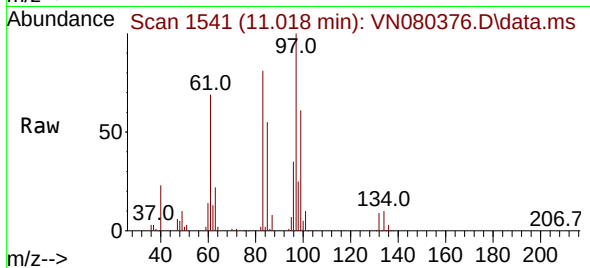
Tgt Ion: 75 Resp: 250974
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.969 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

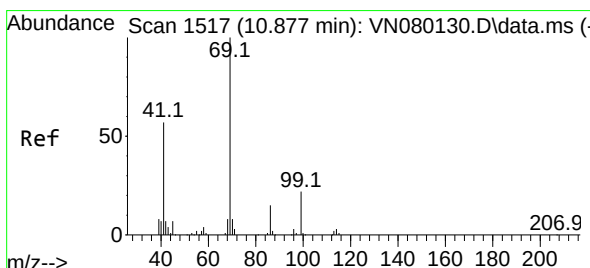
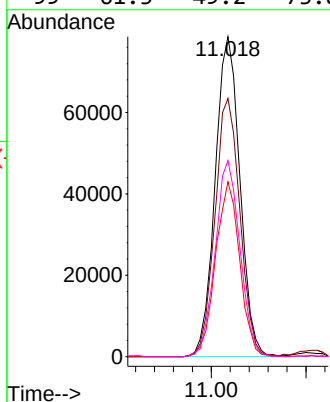
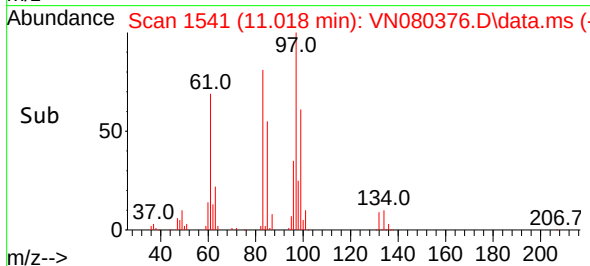
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



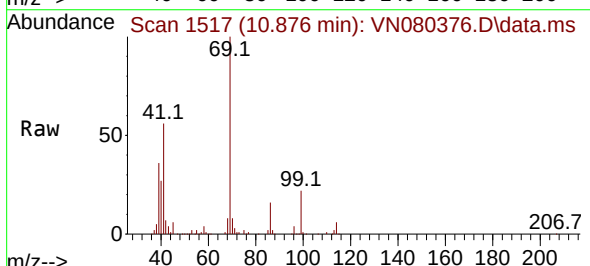
Tgt Ion:	97	Resp:	14285
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.1	97.7
85	54.6	43.4	65.2
99	61.3	49.2	73.8

Manual Integrations
APPROVED

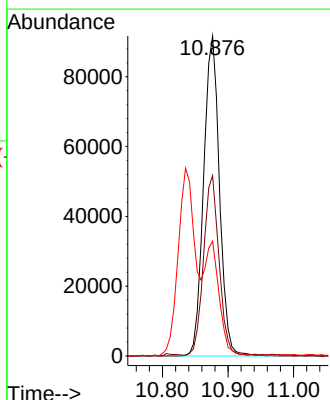
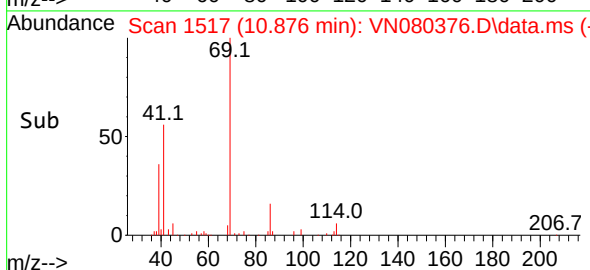
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

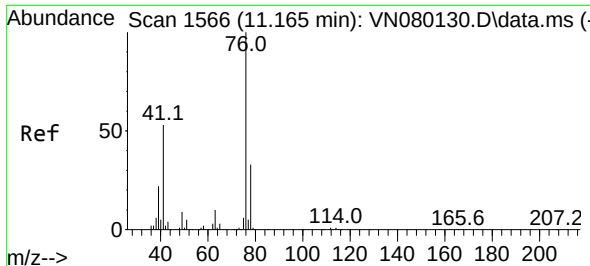


#56
Ethyl methacrylate
Concen: 60.262 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion:	69	Resp:	154370
Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.6	59.4
39	32.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 56.188 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 245992

Ion Ratio Lower Upper

76 100

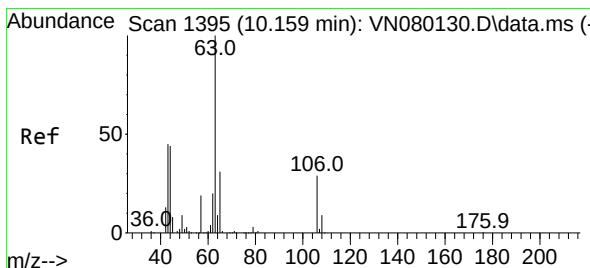
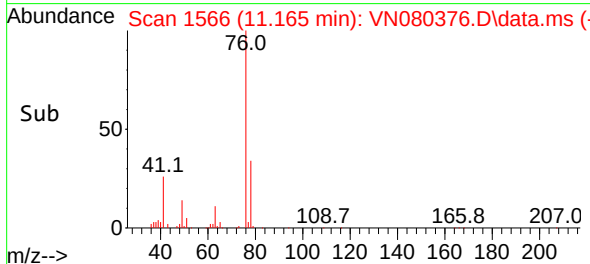
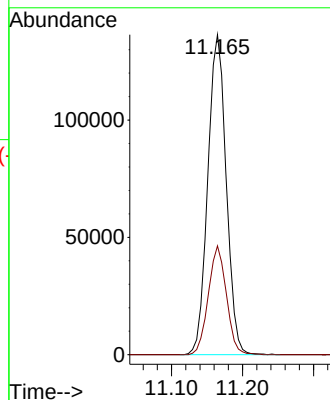
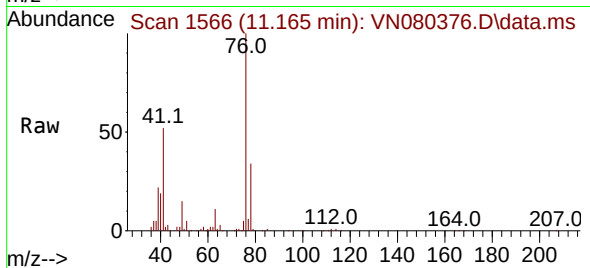
78 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.380 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080376.D

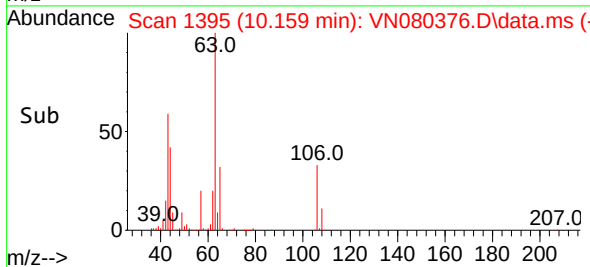
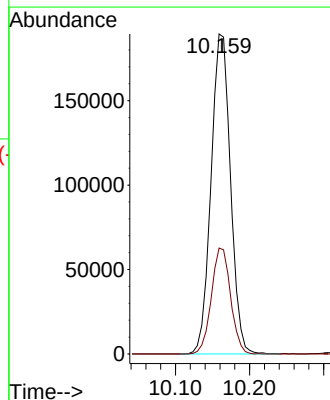
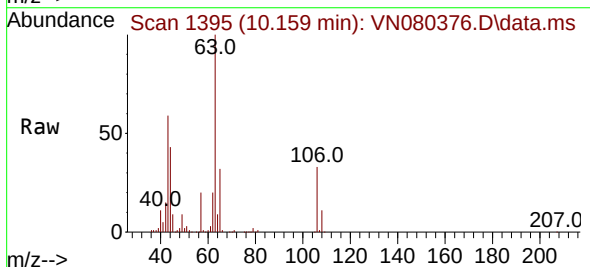
Acq: 06 Dec 2023 10:53

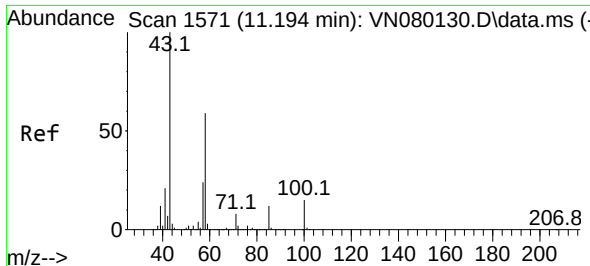
Tgt Ion: 63 Resp: 345464

Ion Ratio Lower Upper

63 100

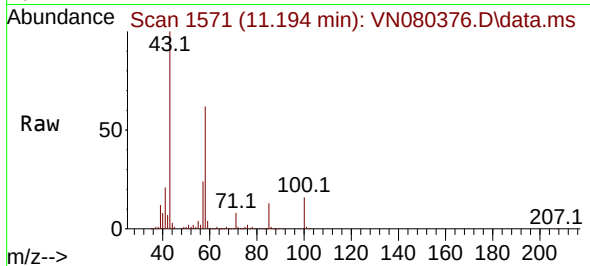
106 32.7 26.2 39.4





#59
2-Hexanone
Concen: 239.303 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

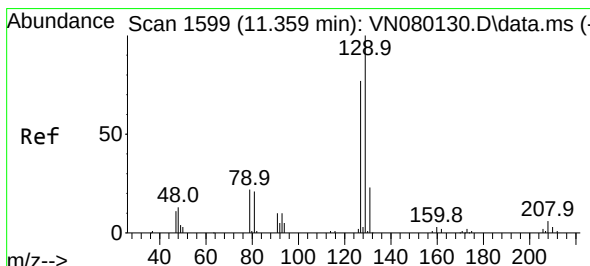
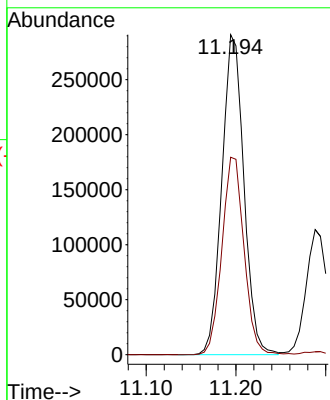
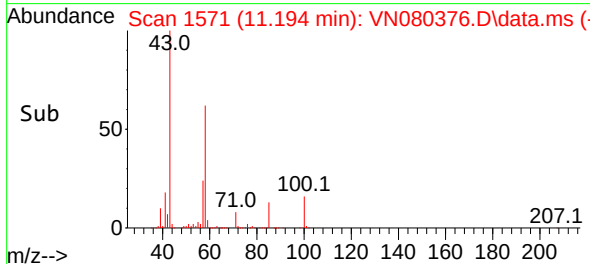
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 49636
Ion Ratio Lower Upper
43 100
58 61.9 31.7 95.1

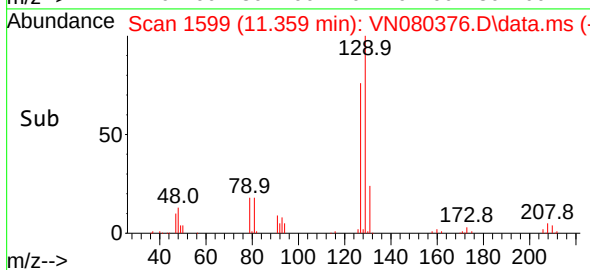
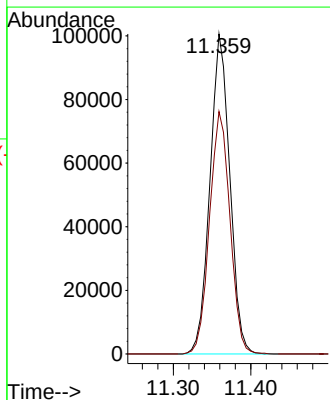
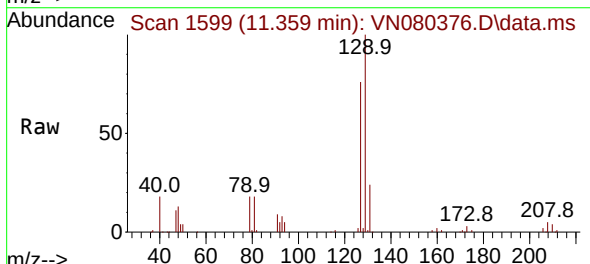
Manual Integrations
APPROVED

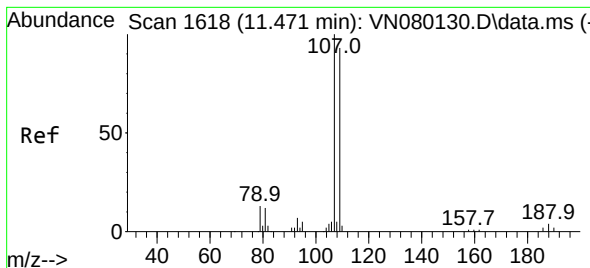
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#60
Dibromochloromethane
Concen: 59.663 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

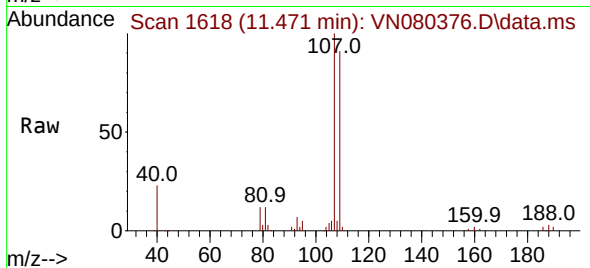
Tgt Ion:129 Resp: 179112
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.712 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

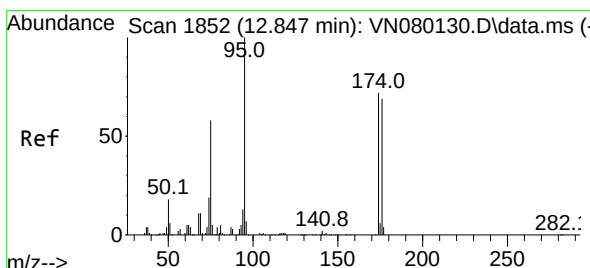
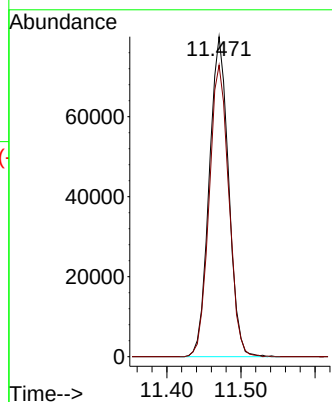
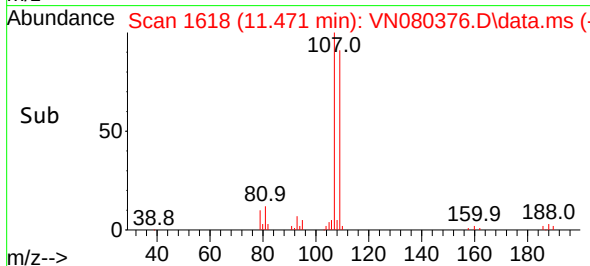
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



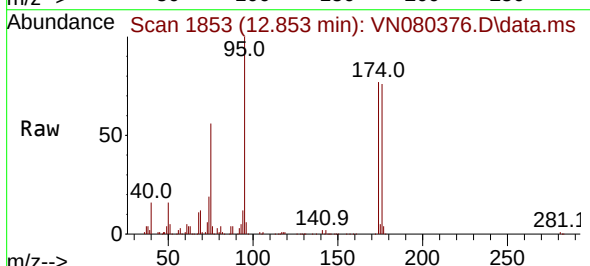
Tgt Ion:107 Resp: 145070
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8

Manual Integrations
APPROVED

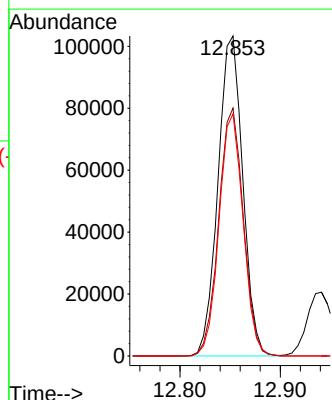
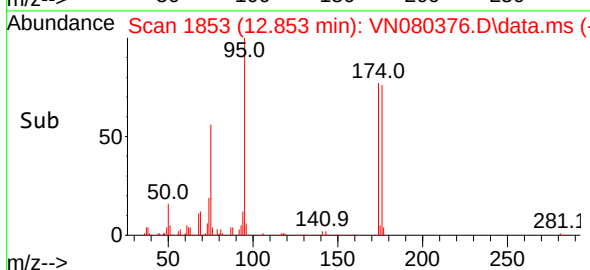
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

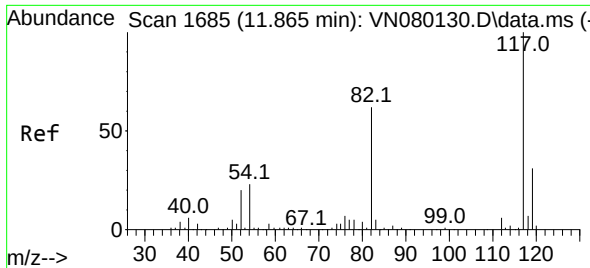


#62
4-Bromofluorobenzene
Concen: 50.964 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



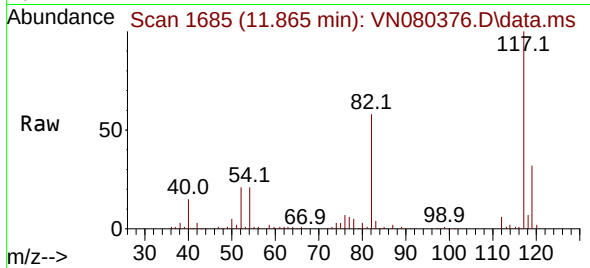
Tgt Ion: 95 Resp: 177038
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

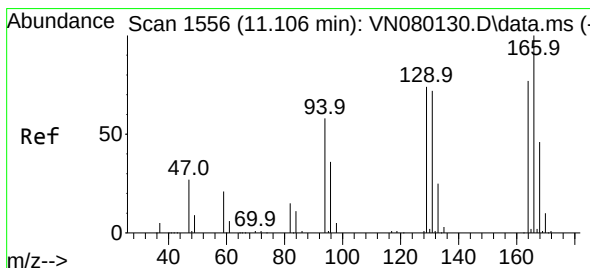
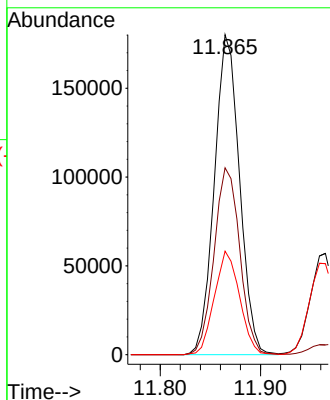
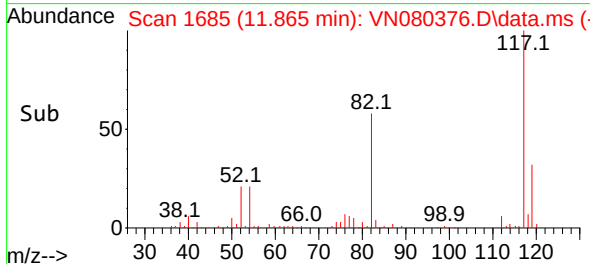
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



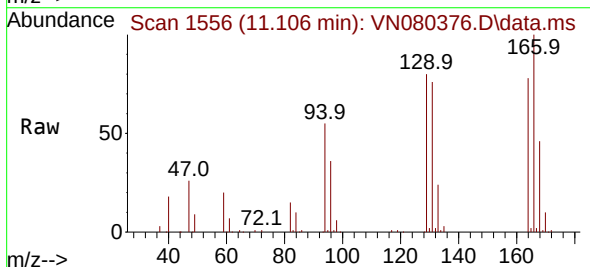
Tgt Ion:117 Resp: 31441
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

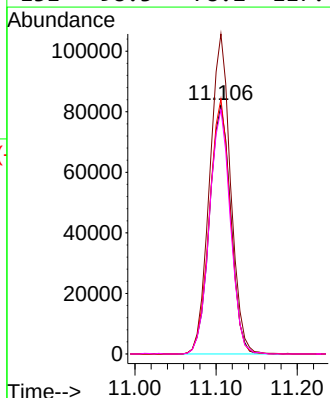
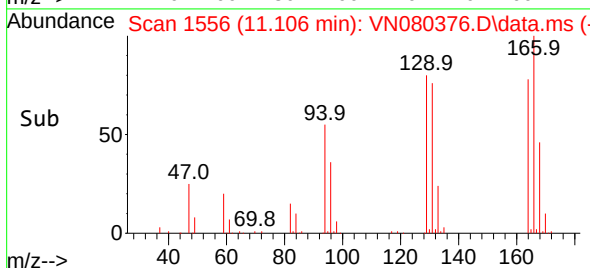
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

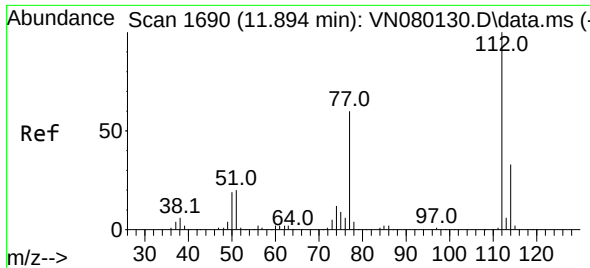


#64
Tetrachloroethene
Concen: 62.130 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion:164 Resp: 149080
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 102.5 82.4 123.6
131 98.3 78.2 117.4





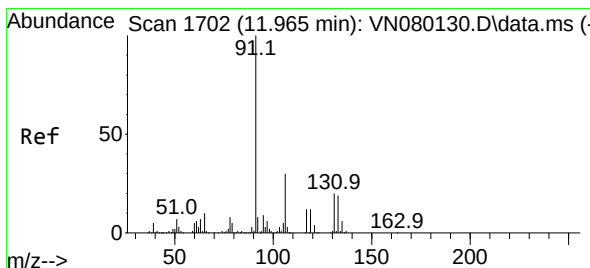
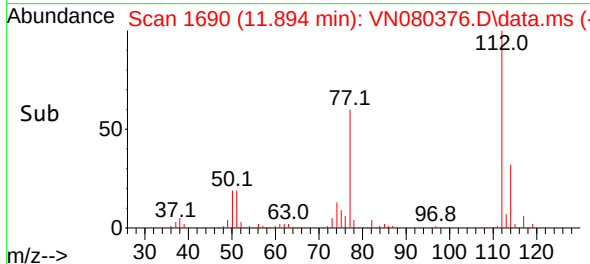
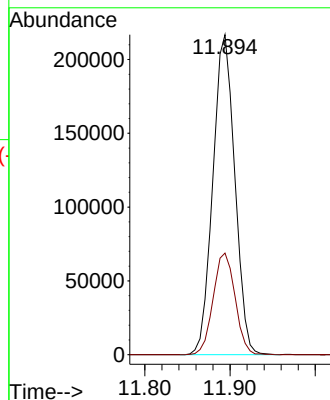
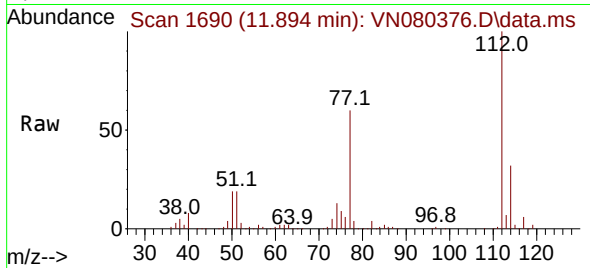
#65
Chlorobenzene
Concen: 54.393 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 387514
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

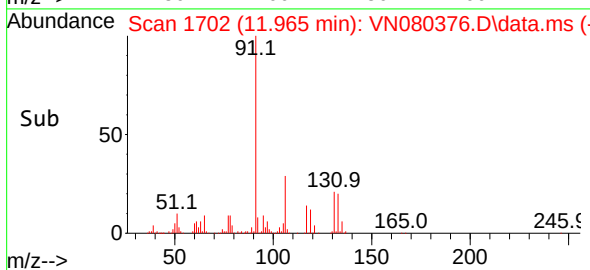
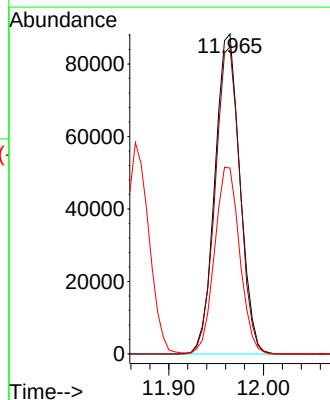
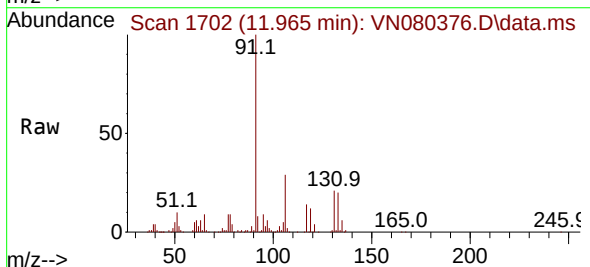
Manual Integrations
APPROVED

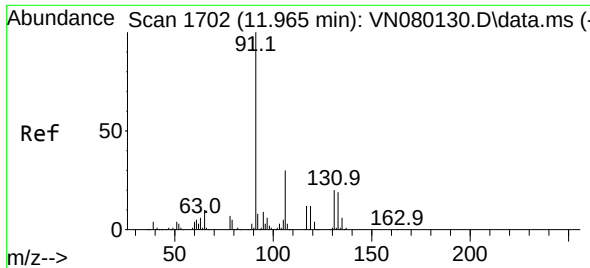
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.554 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:131 Resp: 161885
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 58.6 34.1 102.2





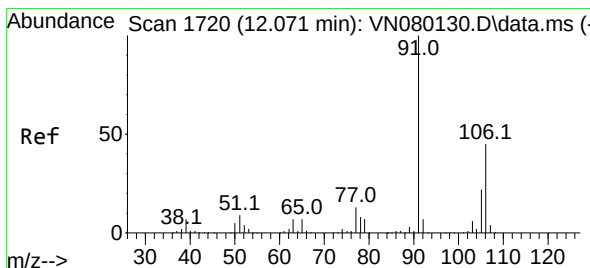
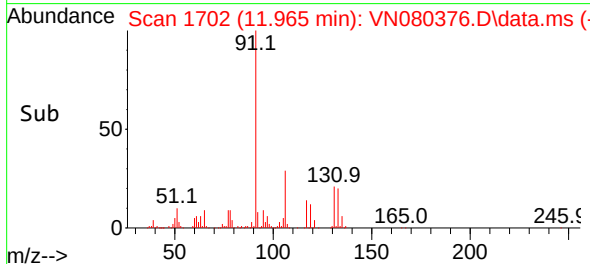
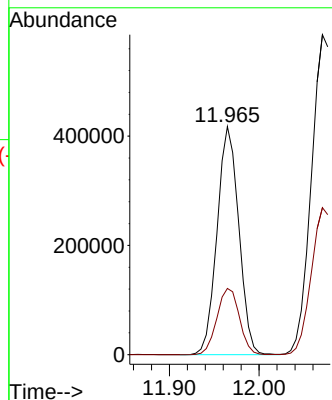
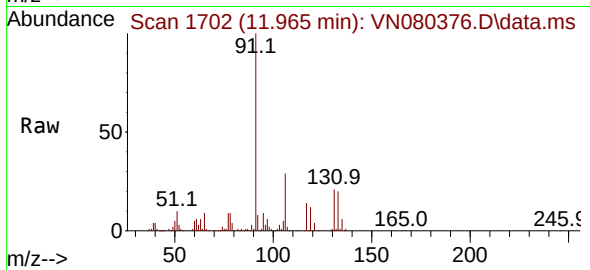
#67
Ethyl Benzene
Concen: 55.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 70127
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

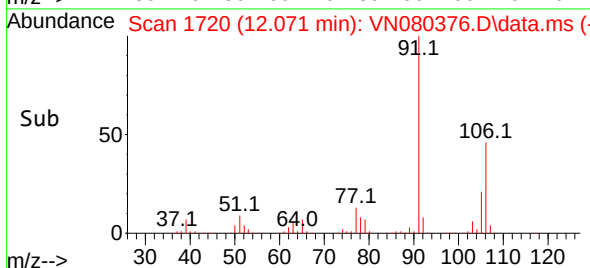
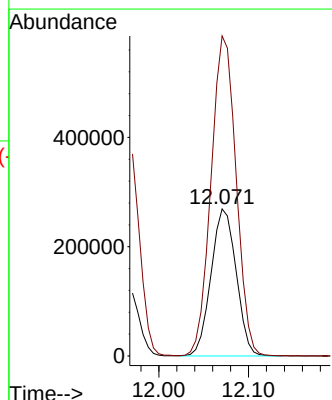
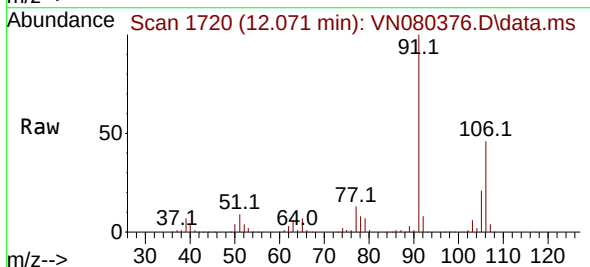
Manual Integrations
APPROVED

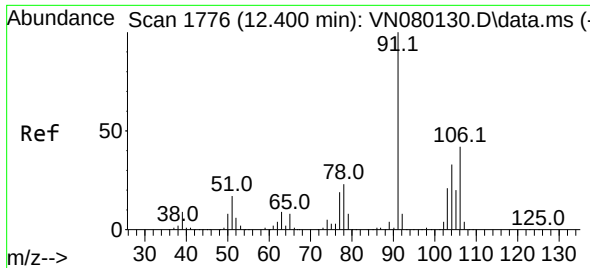
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
m/p-Xylenes
Concen: 113.290 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:106 Resp: 523656
Ion Ratio Lower Upper
106 100
91 217.4 159.6 239.4





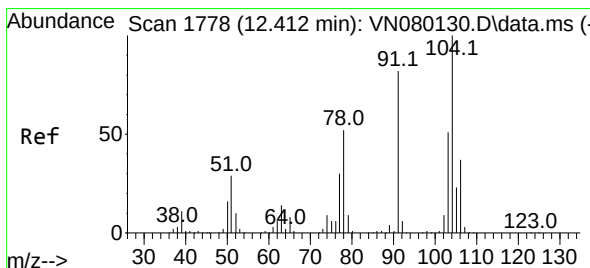
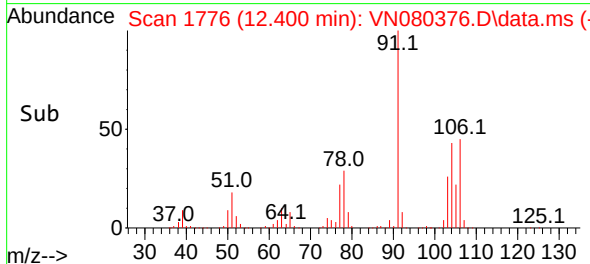
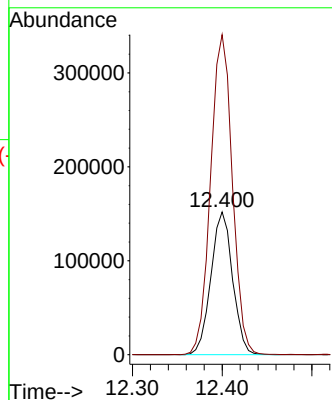
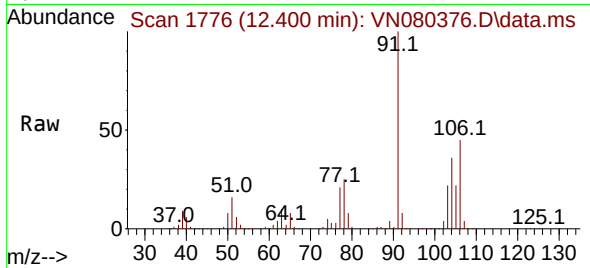
#69
o-Xylene
Concen: 58.476 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 25472
Ion Ratio Lower Upper
106 100
91 225.3 105.2 315.5

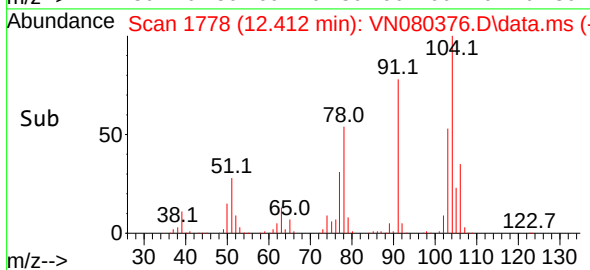
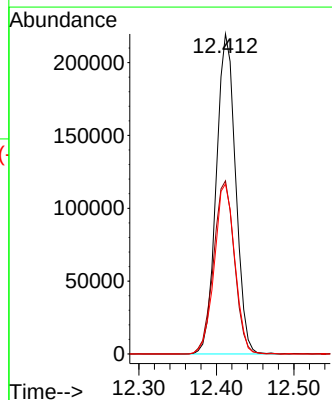
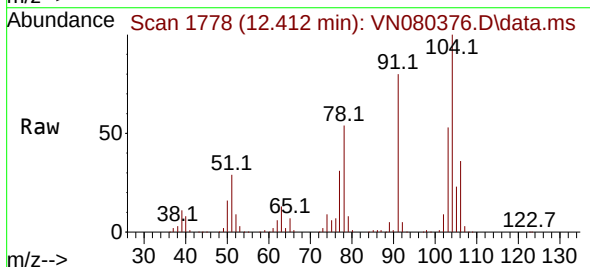
Manual Integrations
APPROVED

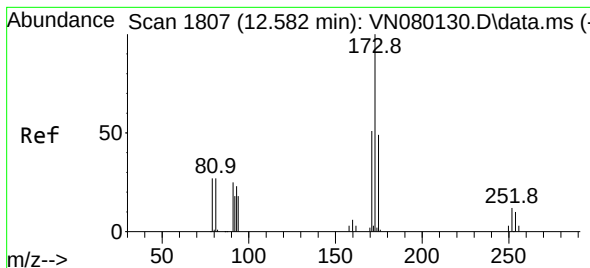
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Styrene
Concen: 58.733 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:104 Resp: 380803
Ion Ratio Lower Upper
104 100
78 58.2 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 59.391 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 12176

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

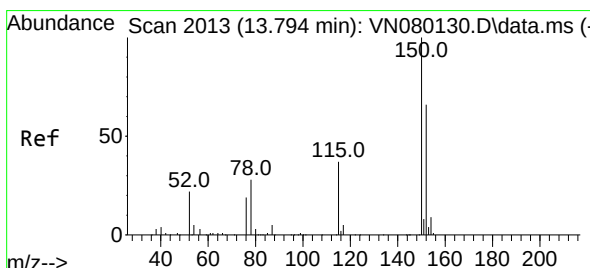
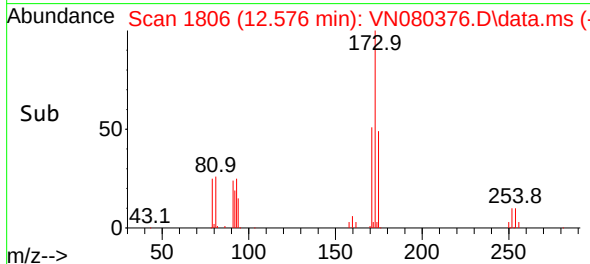
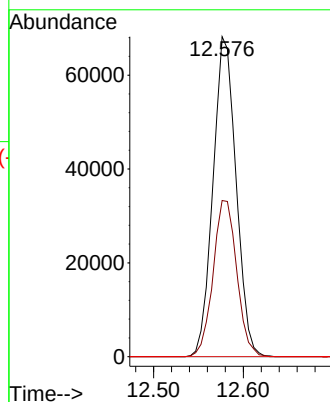
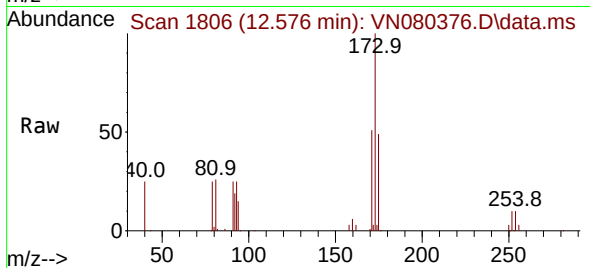
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

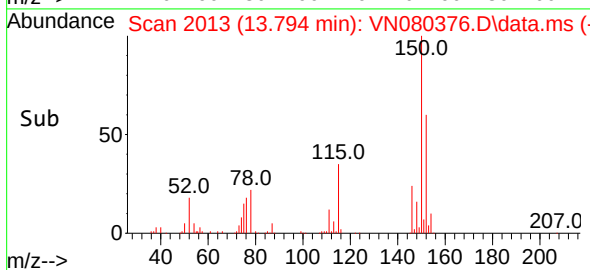
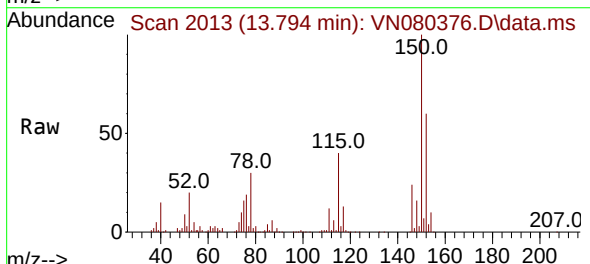
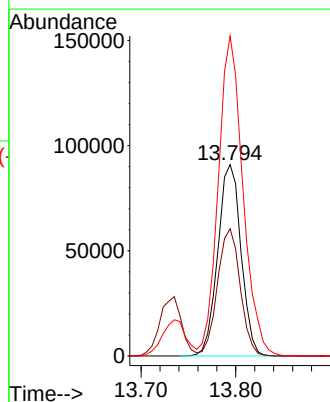
Tgt Ion:152 Resp: 155014

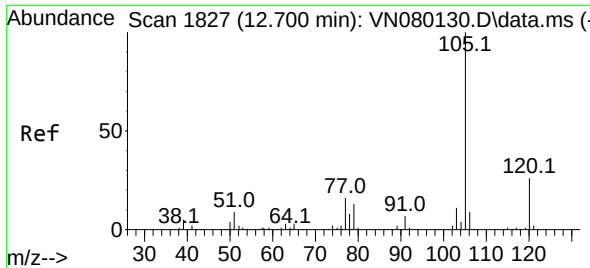
Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 177.5 0.0 355.8





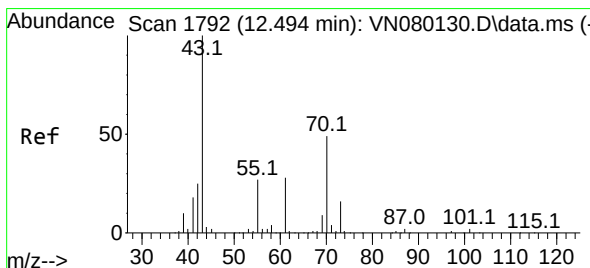
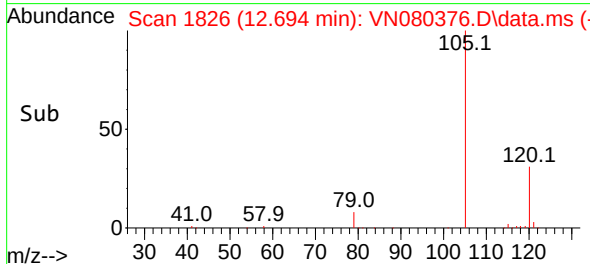
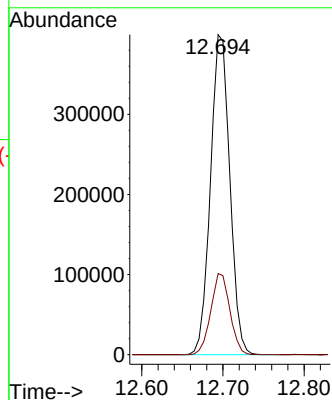
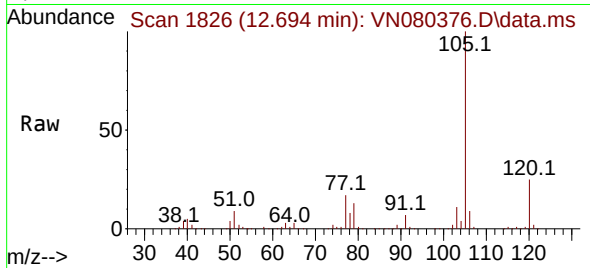
#73
Isopropylbenzene
Concen: 54.817 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 660310
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

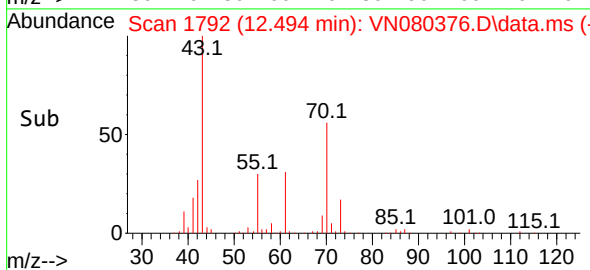
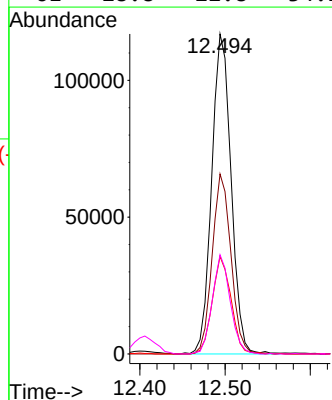
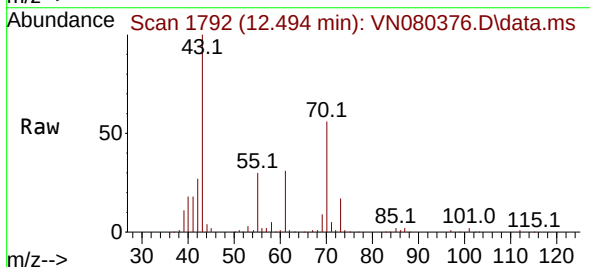
Manual Integrations
APPROVED

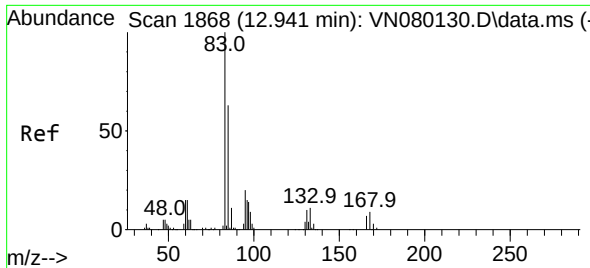
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#74
N-ethyl acetate
Concen: 49.231 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

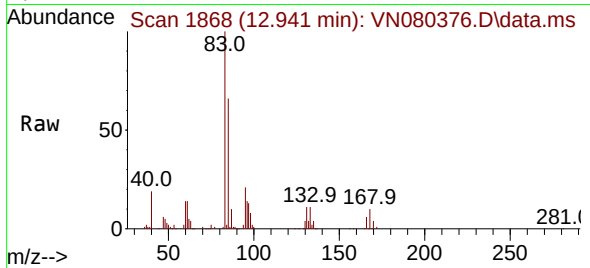
Tgt Ion: 43 Resp: 184932
Ion Ratio Lower Upper
43 100
70 54.5 43.4 65.2
55 29.5 21.4 32.0
61 28.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.436 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

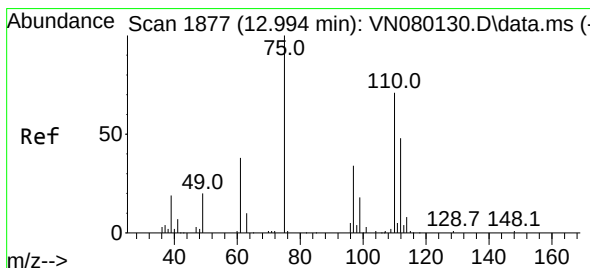
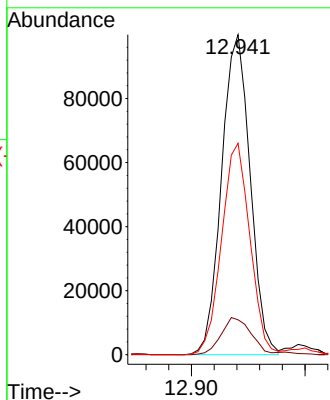
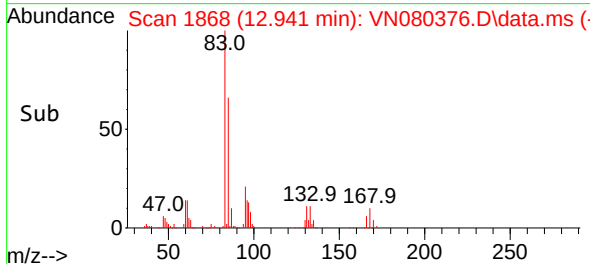
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



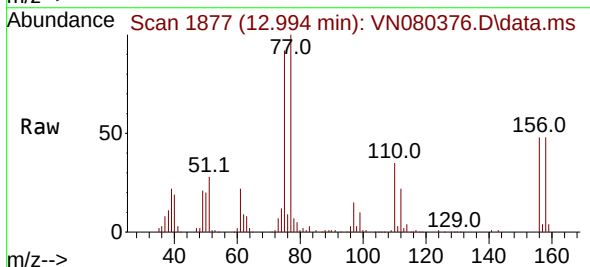
Tgt Ion: 83 Resp: 174624
Ion Ratio Lower Upper
83 100
131 12.7 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
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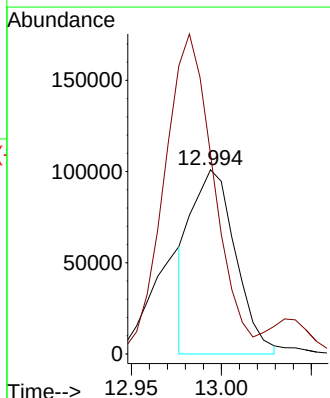
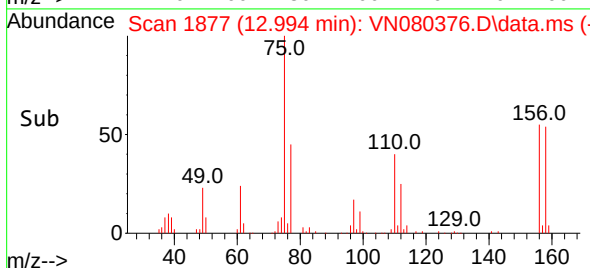
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

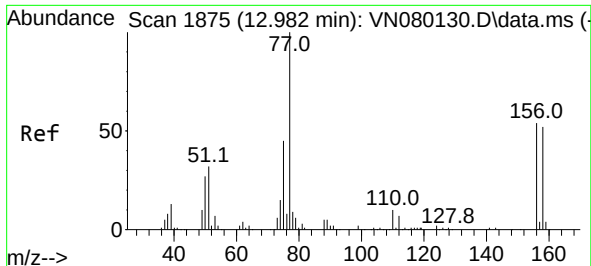


#76
1,2,3-Trichloropropane
Concen: 45.775 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



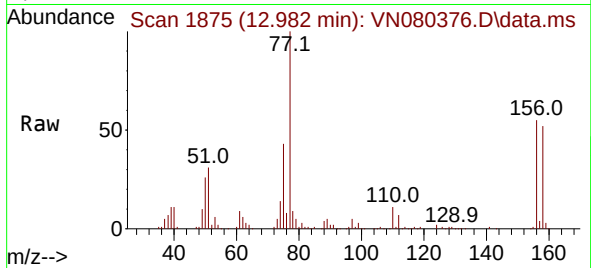
Tgt Ion: 75 Resp: 173860
Ion Ratio Lower Upper
75 100
77 194.3 84.5 253.5





#77
Bromobenzene
Concen: 54.879 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

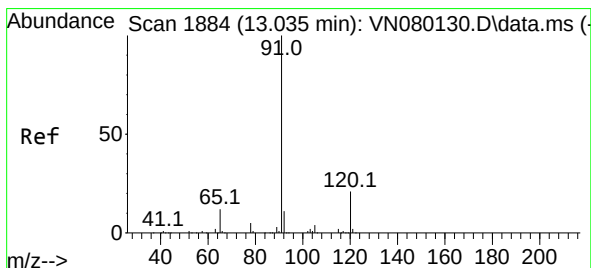
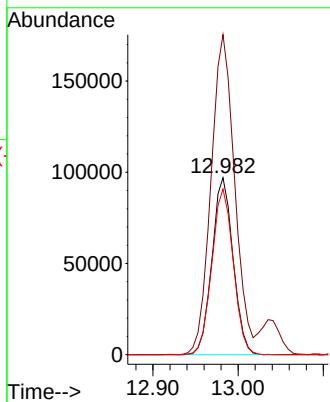
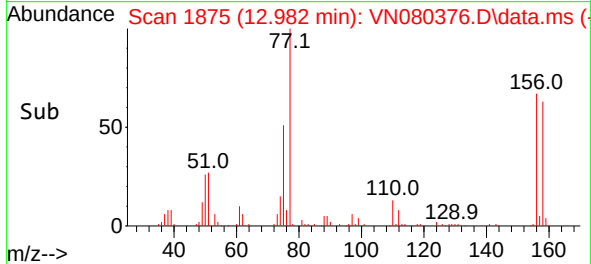
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 166668
Ion Ratio Lower Upper
156 100
77 202.7 107.7 323.3
158 95.0 48.4 145.3

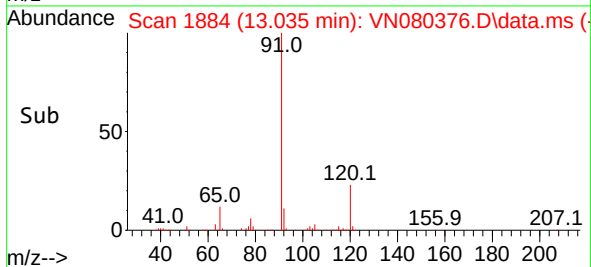
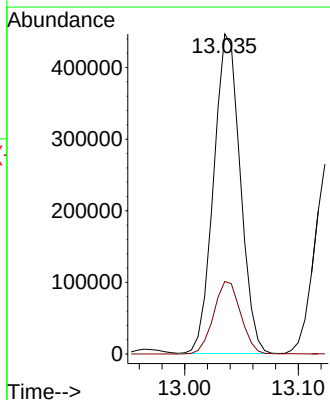
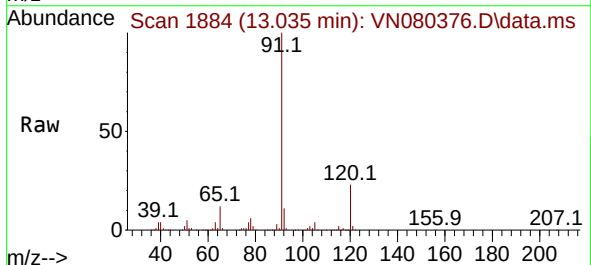
Manual Integrations
APPROVED

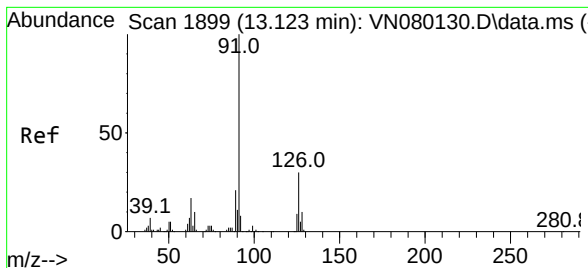
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#78
n-propylbenzene
Concen: 53.963 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

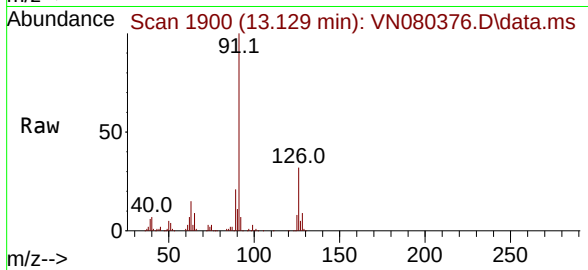
Tgt Ion: 91 Resp: 726872
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 54.698 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

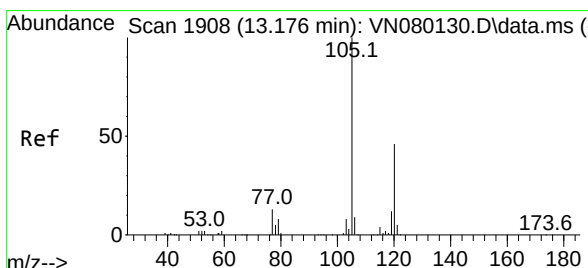
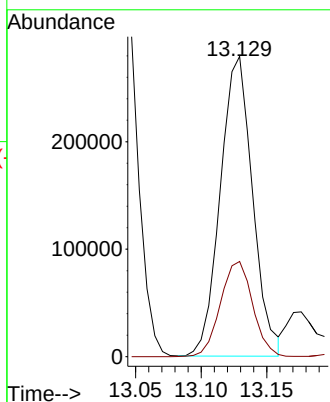
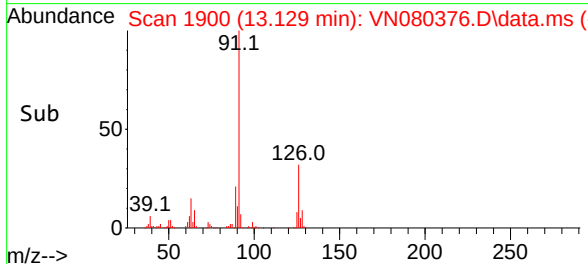
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 478528
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

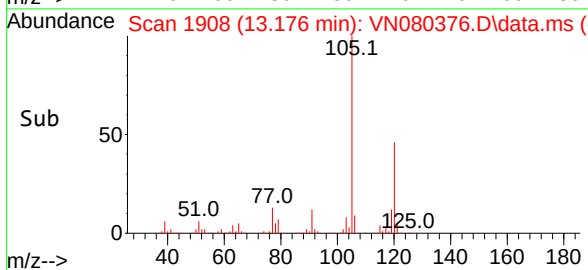
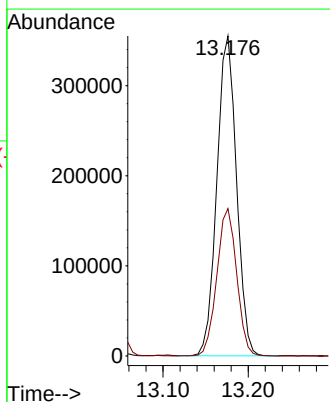
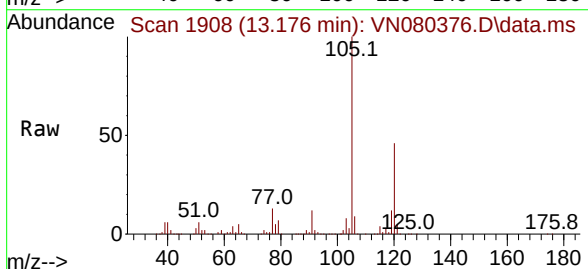
Manual Integrations
APPROVED

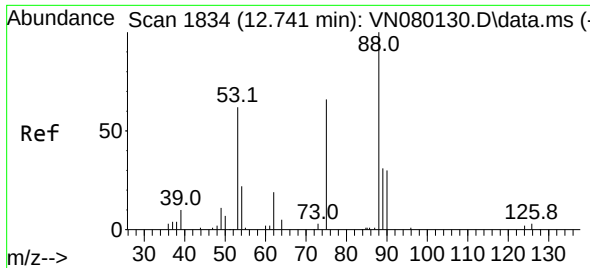
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.271 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:105 Resp: 569070
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





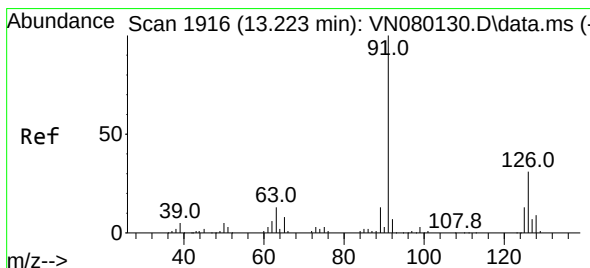
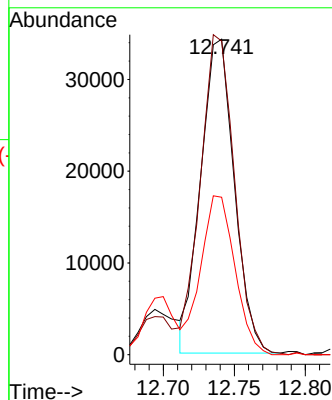
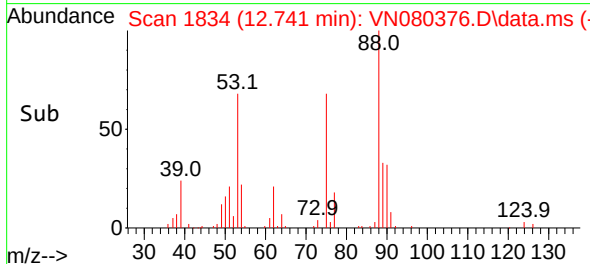
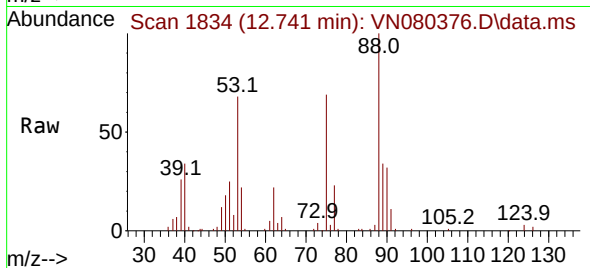
#81
trans-1,4-Dichloro-2-butene
Concen: 50.098 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56319
Ion Ratio Lower Upper
75 100
53 105.0 67.4 101.2
89 51.9 38.8 58.2

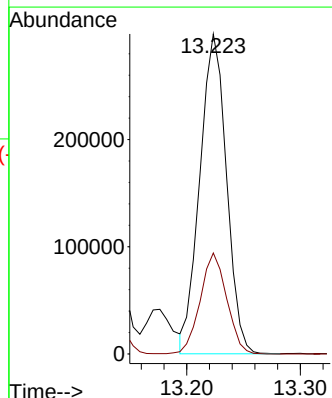
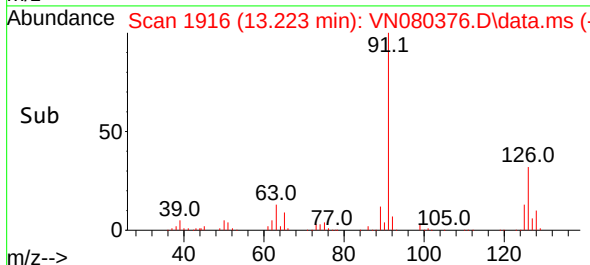
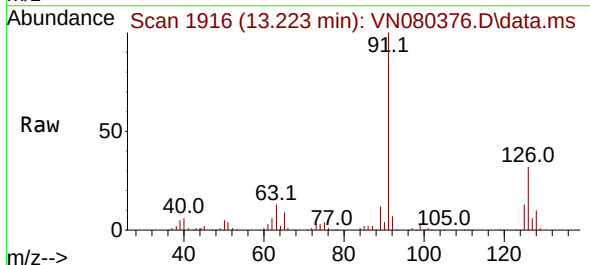
Manual Integrations
APPROVED

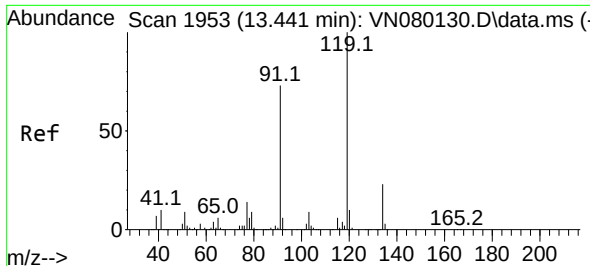
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#82
4-Chlorotoluene
Concen: 54.253 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

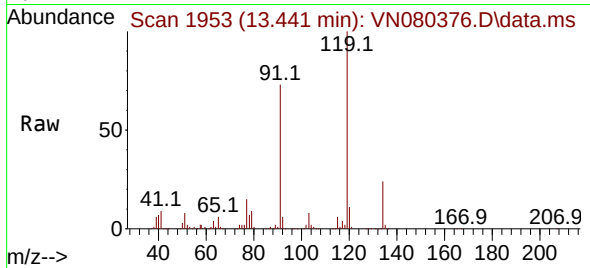
Tgt Ion: 91 Resp: 486245
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 53.614 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

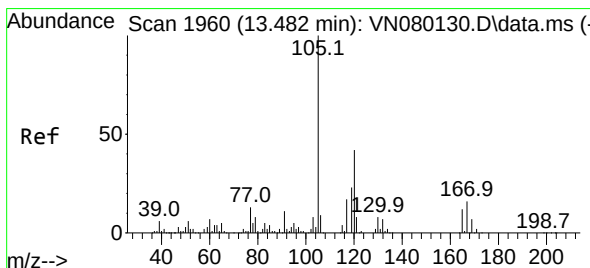
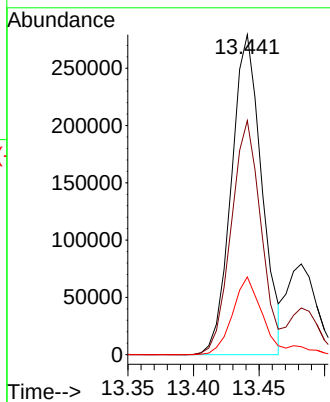
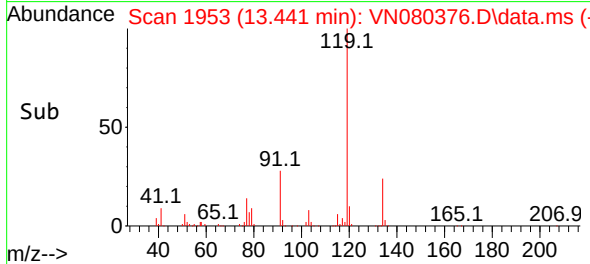
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 450827
Ion Ratio Lower Upper
119 100
91 71.7 33.9 101.7
134 25.4 13.2 39.6

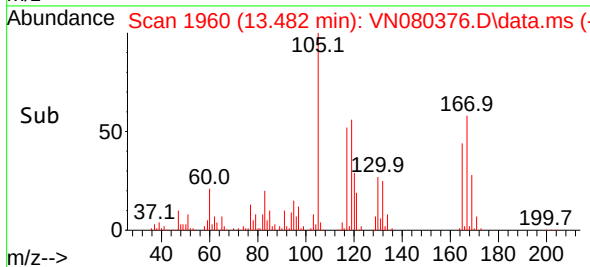
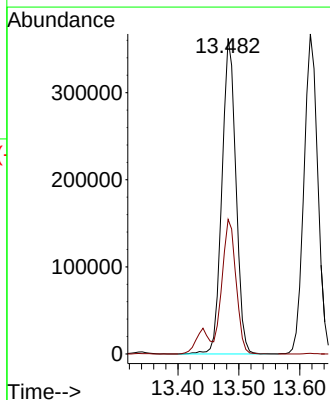
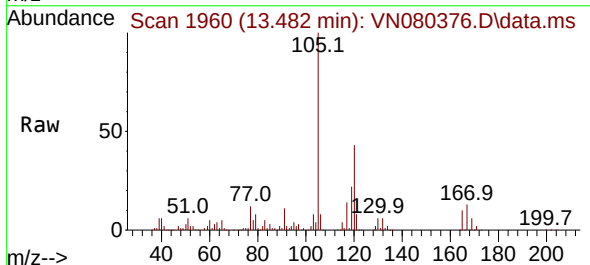
Manual Integrations
APPROVED

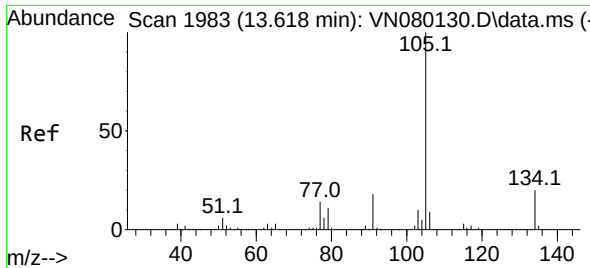
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.897 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:105 Resp: 577136
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





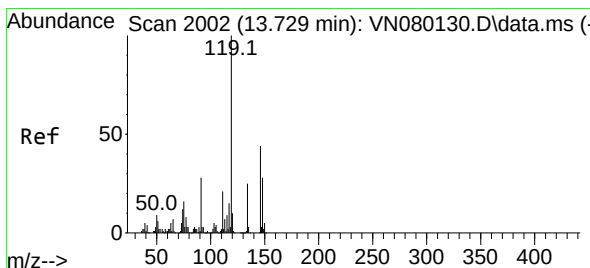
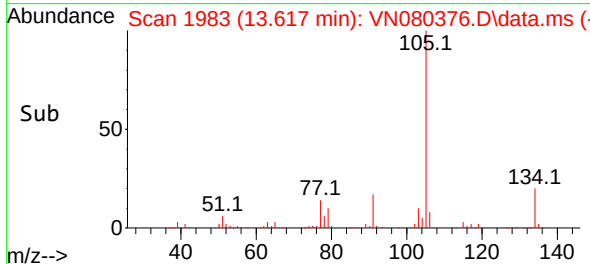
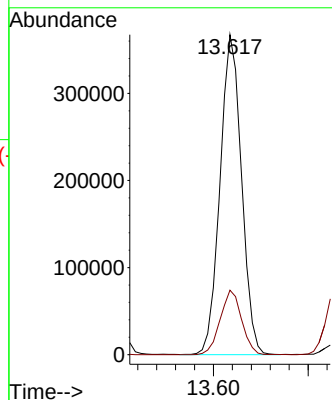
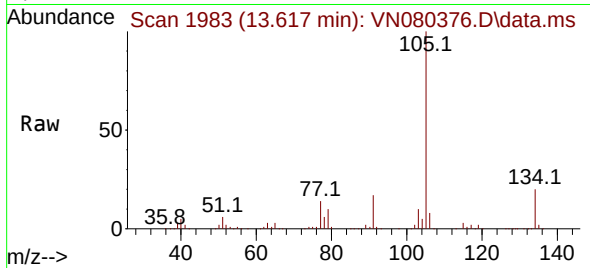
#85
 sec-Butylbenzene
 Concen: 54.472 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 57944
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

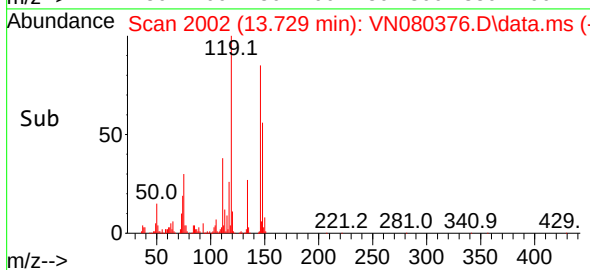
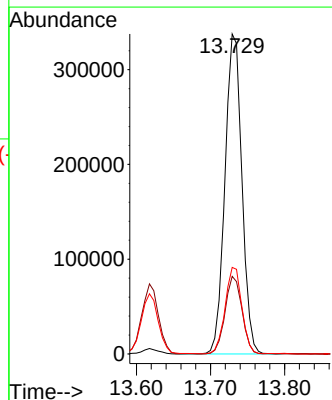
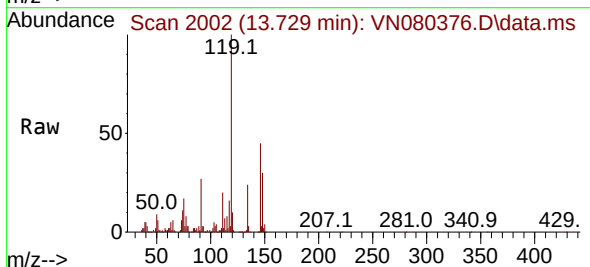
Manual Integrations
 APPROVED

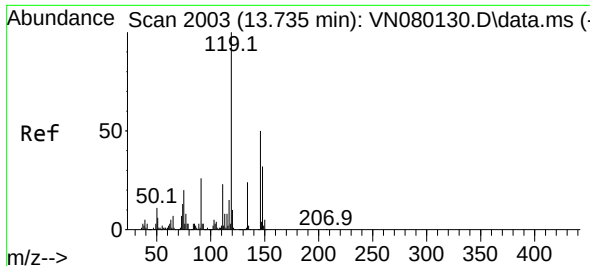
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#86
 p-Isopropyltoluene
 Concen: 56.452 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080376.D
 Acq: 06 Dec 2023 10:53

Tgt Ion:119 Resp: 536429
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.6 37.8
 91 26.6 12.4 37.2





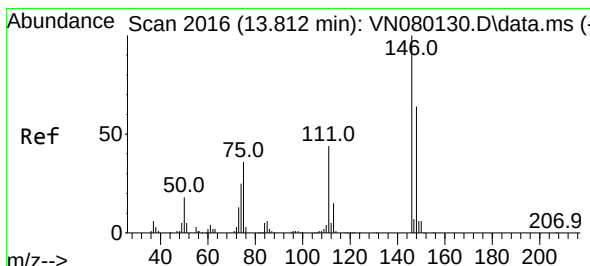
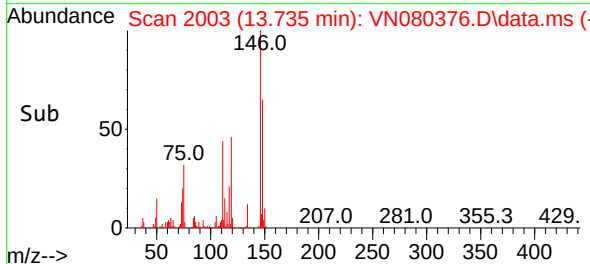
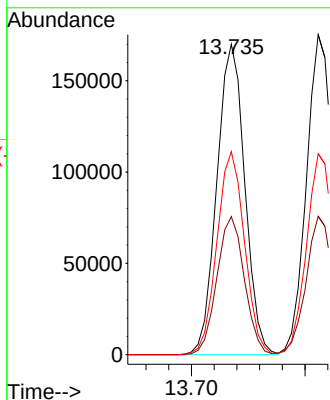
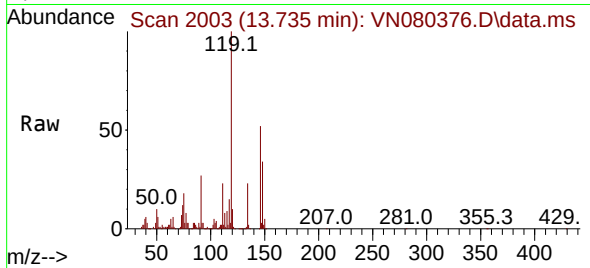
#87
1,3-Dichlorobenzene
Concen: 53.125 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 290683
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.3
148 64.6 32.0 96.0

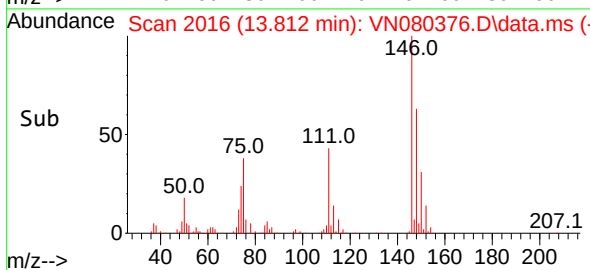
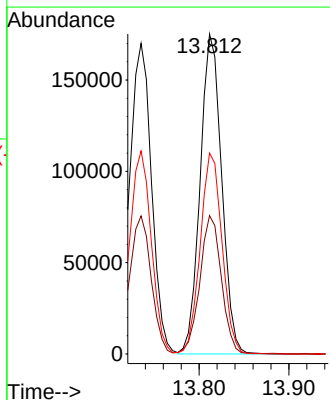
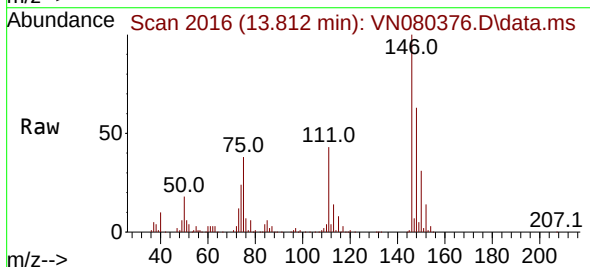
Manual Integrations
APPROVED

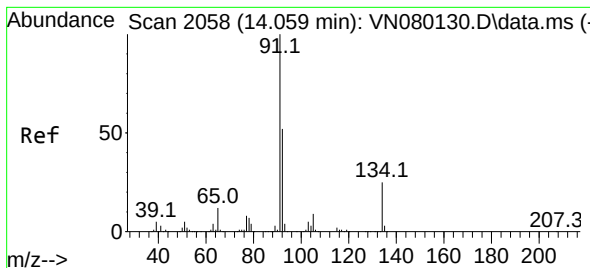
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#88
1,4-Dichlorobenzene
Concen: 52.995 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Tgt Ion:146 Resp: 291406
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 63.7 31.6 94.8





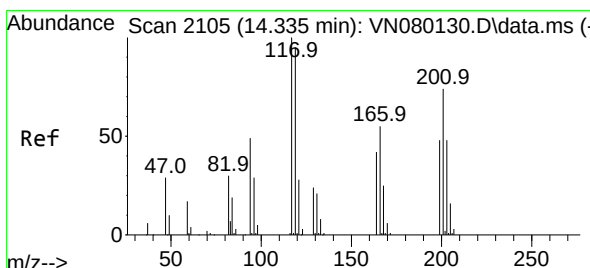
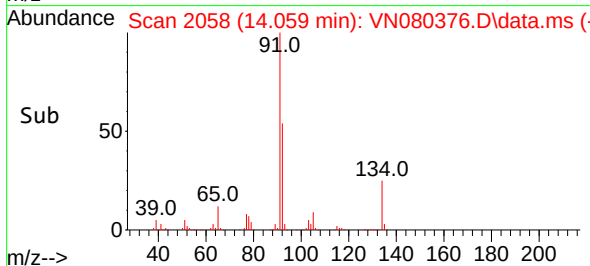
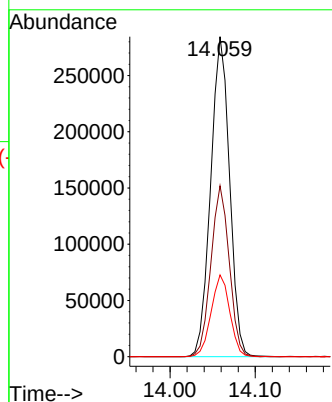
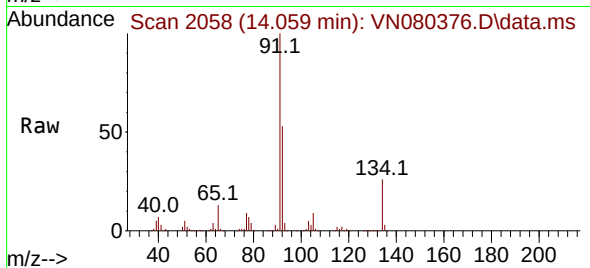
#89
n-Butylbenzene
Concen: 55.075 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43804
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 25.2 12.6 37.6

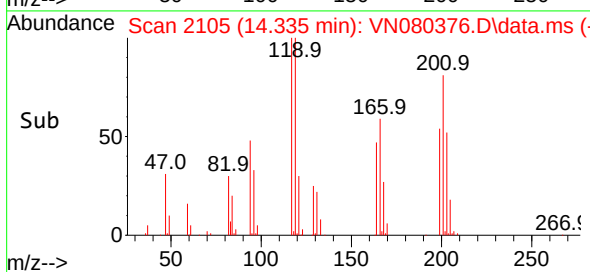
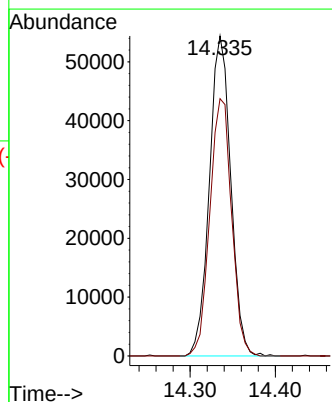
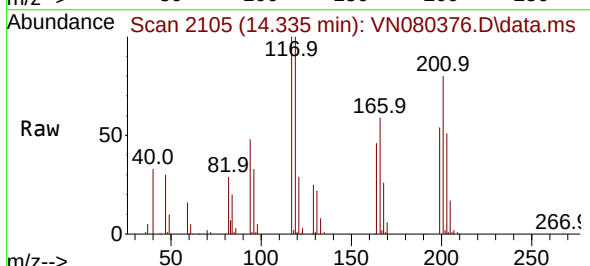
Manual Integrations
APPROVED

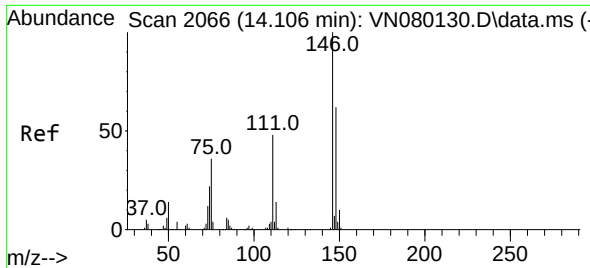
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#90
Hexachloroethane
Concen: 51.194 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

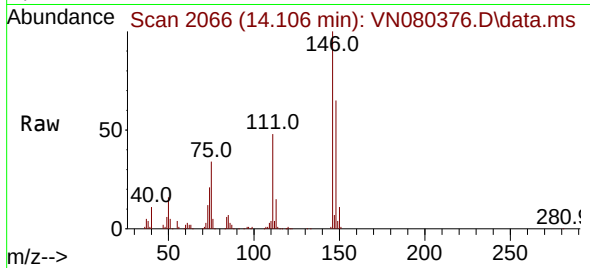
Tgt Ion:117 Resp: 94838
Ion Ratio Lower Upper
117 100
201 81.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 53.597 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

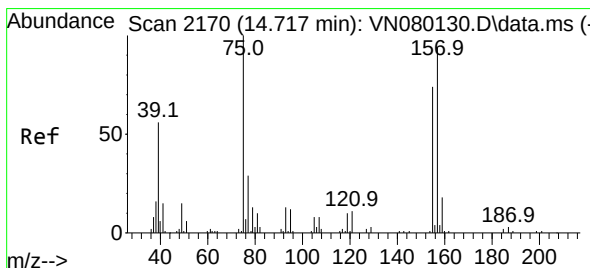
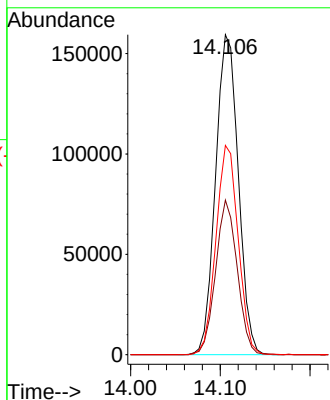
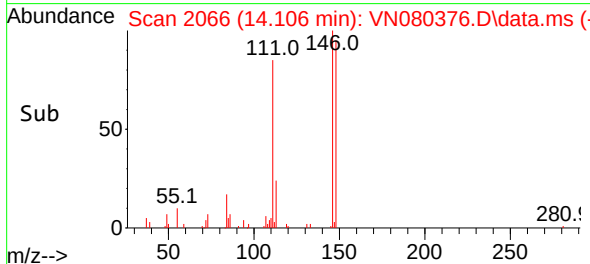
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



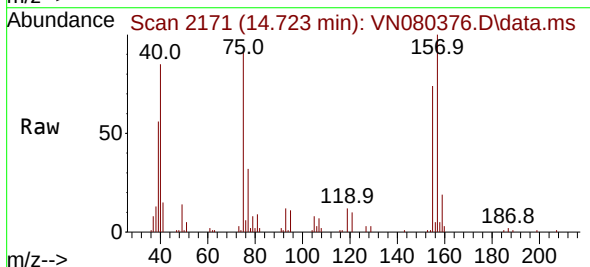
Tgt Ion:146 Resp: 28063
Ion Ratio Lower Upper
146 100
111 46.0 22.0 66.0
148 64.0 31.8 95.3

Manual Integrations
APPROVED

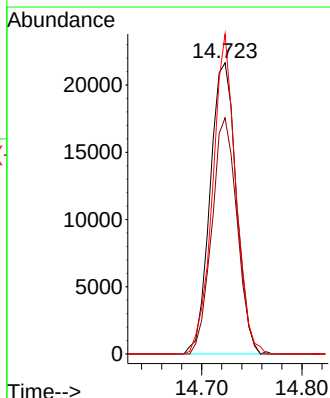
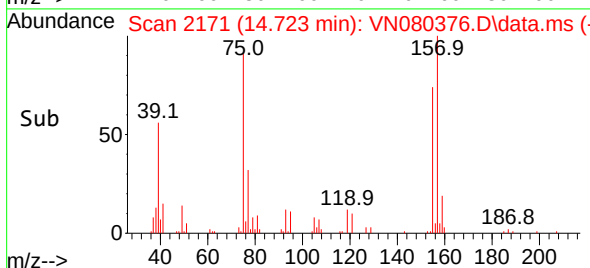
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

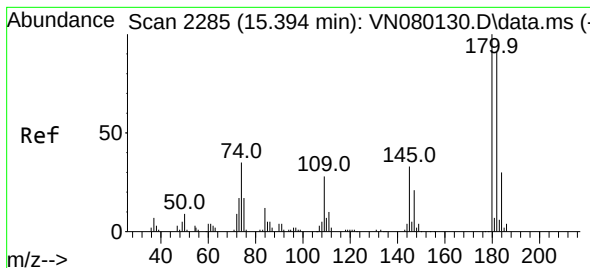


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.833 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion: 75 Resp: 39218
Ion Ratio Lower Upper
75 100
155 78.0 39.1 117.2
157 97.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 51.270 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

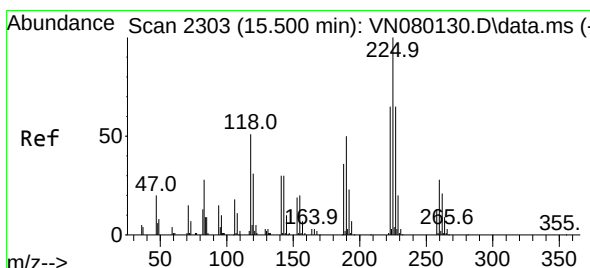
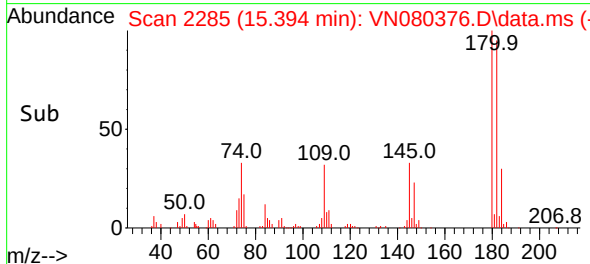
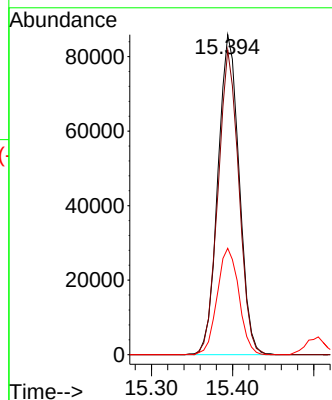
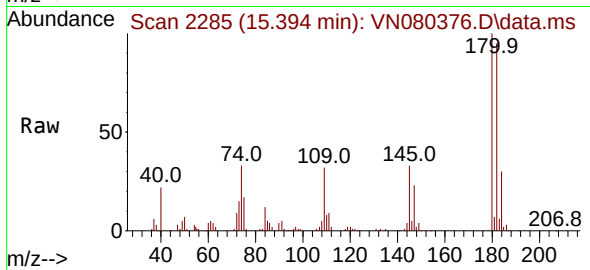
Tgt Ion:	180	Resp:	15613
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.1	138.2
145	34.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#94

Hexachlorobutadiene

Concen: 49.644 ug/l

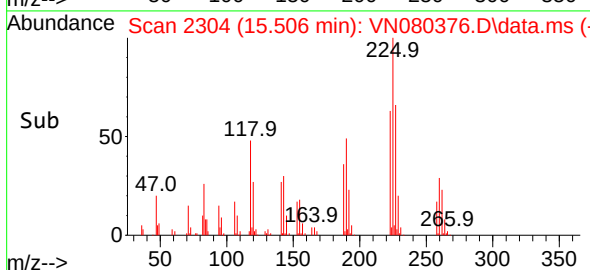
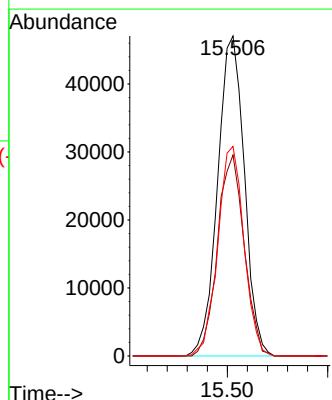
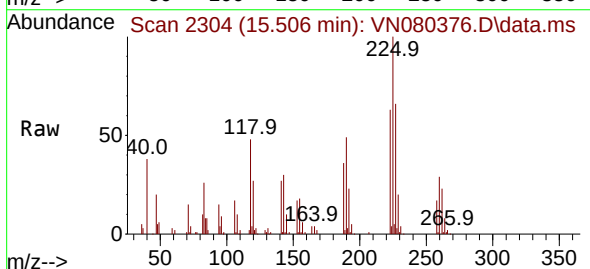
RT: 15.506 min Scan# 2304

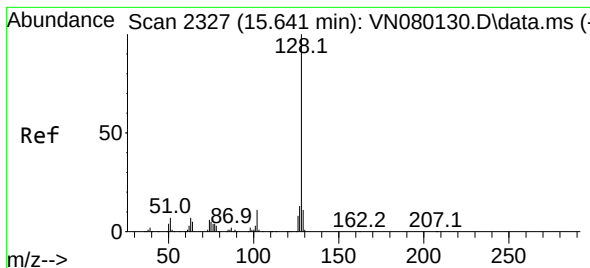
Delta R.T. 0.006 min

Lab File: VN080376.D

Acq: 06 Dec 2023 10:53

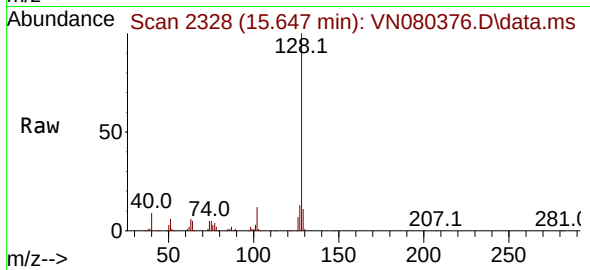
Tgt Ion:	225	Resp:	87001
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	63.8	31.9	95.9





#95
Naphthalene
Concen: 47.696 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53

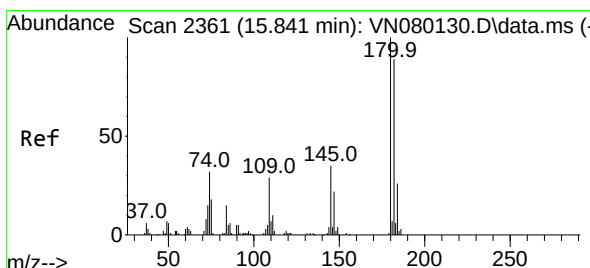
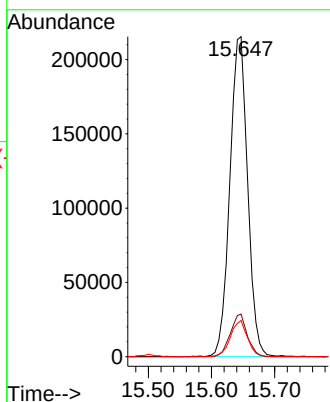
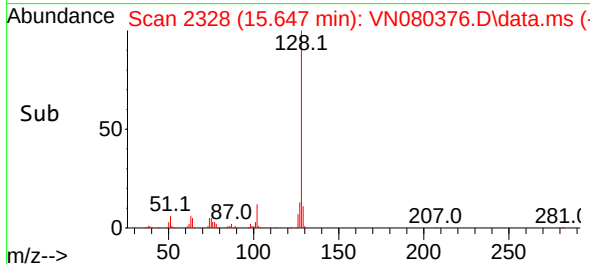
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



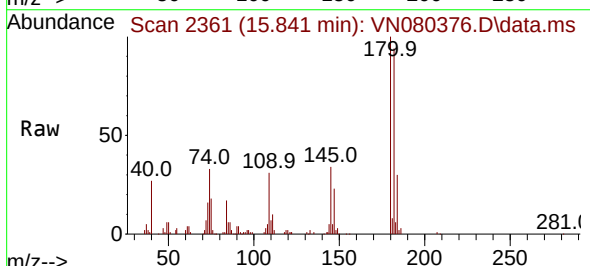
Tgt Ion:128 Resp: 421197
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.204 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080376.D
Acq: 06 Dec 2023 10:53



Tgt Ion:180 Resp: 146157
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 35.5 17.5 52.6

