

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080234.D
 Acq On : 21 Nov 2023 16:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:08:51 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	217811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179169	49.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	8.165	113	127229	52.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.880%		
50) Toluene-d8	10.571	98	449547	51.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.780%		
62) 4-Bromofluorobenzene	12.853	95	173442	53.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	162269	50.015	ug/l	99
3) Chloromethane	2.365	50	98379	40.331	ug/l	97
4) Vinyl Chloride	2.512	62	116664	45.194	ug/l	97
5) Bromomethane	2.948	94	76573	43.695	ug/l	96
6) Chloroethane	3.124	64	71885	44.786	ug/l	95
7) Trichlorofluoromethane	3.501	101	269460	50.040	ug/l	95
8) Diethyl Ether	3.959	74	70608	45.086	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	120653	49.020	ug/l	94
10) Methyl Iodide	4.589	142	137774	51.795	ug/l #	88
11) Tert butyl alcohol	5.512	59	85648	216.560	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	109537	47.581	ug/l	85
13) Acrolein	4.177	56	78432	224.088	ug/l	99
14) Allyl chloride	5.018	41	131646	45.452	ug/l	90
15) Acrylonitrile	5.712	53	226663	213.488	ug/l	99
16) Acetone	4.424	43	202646	167.761	ug/l	91
17) Carbon Disulfide	4.712	76	286624	41.698	ug/l	97
18) Methyl Acetate	5.018	43	156650	40.362	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	406895	50.049	ug/l	96
20) Methylene Chloride	5.277	84	123957	49.002	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	119744	47.347	ug/l #	84
22) Diisopropyl ether	6.671	45	300942	46.963	ug/l	96
23) Vinyl Acetate	6.600	43	856877	222.423	ug/l	94
24) 1,1-Dichloroethane	6.571	63	216445	46.375	ug/l	100
25) 2-Butanone	7.483	43	262550	182.939	ug/l	94
26) 2,2-Dichloropropane	7.494	77	237867	51.370	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	137494	47.952	ug/l	86
28) Bromochloromethane	7.812	49	84026	45.794	ug/l	100
29) Tetrahydrofuran	7.836	42	158721	205.994	ug/l	96
30) Chloroform	7.965	83	257451	49.352	ug/l	95
31) Cyclohexane	8.259	56	159285	40.726	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	262521	51.603	ug/l	96
36) 1,1-Dichloropropene	8.371	75	181712	52.222	ug/l	96
37) Ethyl Acetate	7.559	43	106845	44.268	ug/l	97
38) Carbon Tetrachloride	8.359	117	246084	55.730	ug/l	96
39) Methylcyclohexane	9.600	83	173552	51.728	ug/l	91
40) Benzene	8.606	78	492429	49.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	63786	48.123	ug/l	93
42) 1,2-Dichloroethane	8.671	62	222195	54.917	ug/l	94
43) Isopropyl Acetate	8.688	43	197040	41.952	ug/l	99
44) Trichloroethene	9.353	130	132403	51.039	ug/l	96
45) 1,2-Dichloropropane	9.624	63	112864	49.109	ug/l	97
46) Dibromomethane	9.712	93	90612	52.085	ug/l	92
47) Bromodichloromethane	9.888	83	210447	54.992	ug/l	99
48) Methyl methacrylate	9.682	41	117789	48.664	ug/l	92
49) 1,4-Dioxane	9.694	88	33725	837.539	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	556379	228.808	ug/l	98
52) Toluene	10.629	92	321833	52.000	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	213941	54.413	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	215072	53.542	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	118755	50.274	ug/l	99
56) Ethyl methacrylate	10.877	69	129281	53.573	ug/l	93
57) 1,3-Dichloropropane	11.165	76	209823	50.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	385972	283.906	ug/l	99
59) 2-Hexanone	11.194	43	428183	219.136	ug/l	93
60) Dibromochloromethane	11.359	129	156047	55.179	ug/l	99
61) 1,2-Dibromoethane	11.471	107	123482	51.241	ug/l	98
64) Tetrachloroethene	11.106	164	122894	53.966	ug/l	99
65) Chlorobenzene	11.894	112	330072	48.816	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	142965	54.486	ug/l	93
67) Ethyl Benzene	11.965	91	641176	53.291	ug/l	95
68) m/p-Xylenes	12.071	106	468369	106.767	ug/l	86
69) o-Xylene	12.400	106	223940	54.167	ug/l	86
70) Styrene	12.412	104	333518	54.201	ug/l #	91
71) Bromoform	12.576	173	103750	53.319	ug/l #	100
73) Isopropylbenzene	12.694	105	605790	52.475	ug/l	99
74) N-amyl acetate	12.494	43	163323	45.367	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	147701	42.748	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	164417m	45.169	ug/l	
77) Bromobenzene	12.982	156	146881	50.465	ug/l	94
78) n-propylbenzene	13.035	91	677359	52.471	ug/l	100
79) 2-Chlorotoluene	13.123	91	426712	50.893	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	536181	53.355	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	47681	44.256	ug/l #	77
82) 4-Chlorotoluene	13.223	91	441698	51.423	ug/l	96
83) tert-Butylbenzene	13.441	119	429171	53.255	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	529724	53.533	ug/l	97
85) sec-Butylbenzene	13.618	105	548860	53.838	ug/l	99
86) p-Isopropyltoluene	13.729	119	507772	55.757	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	256442	48.903	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	256628	48.697	ug/l	97
89) n-Butylbenzene	14.059	91	411616	54.000	ug/l	100
90) Hexachloroethane	14.335	117	86624	48.791	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	246984	49.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35132	43.775	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	143690	49.233	ug/l	99
94) Hexachlorobutadiene	15.500	225	82207	48.946	ug/l	99
95) Naphthalene	15.641	128	367071	43.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	131485	48.064	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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

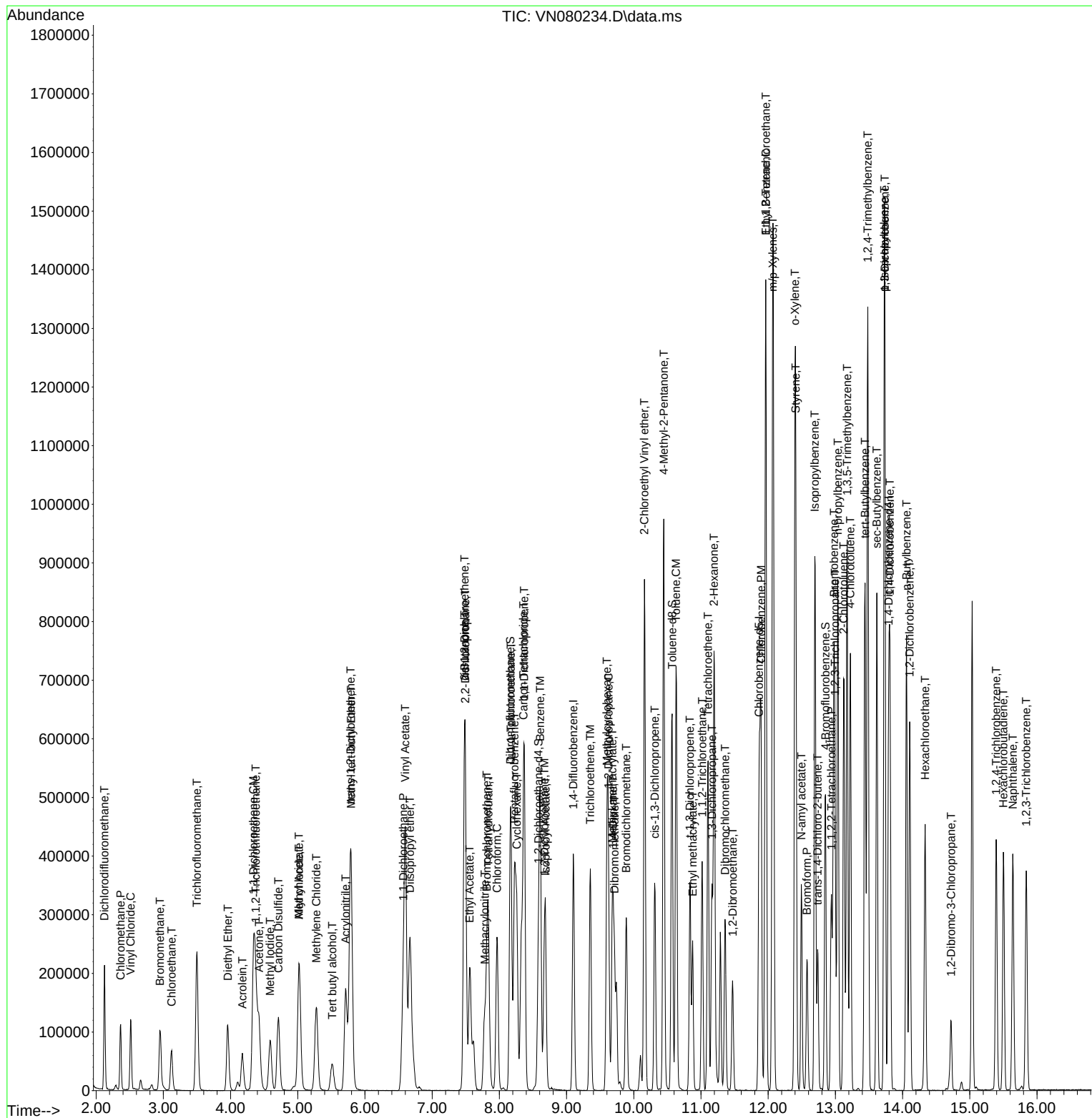
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 ALS Vial : 11 Sample Multiplier: 1

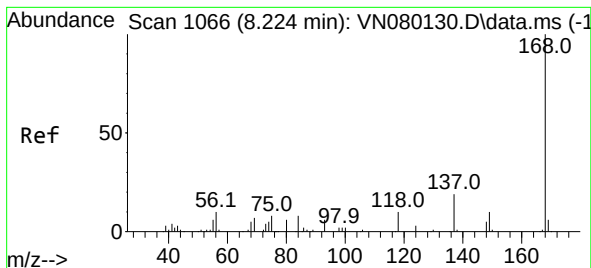
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 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 00:08:51 2023
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Manual Integrations APPROVED

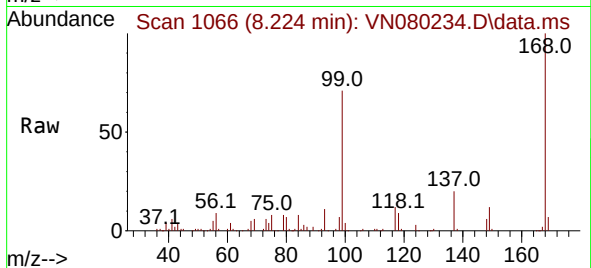
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080234.D
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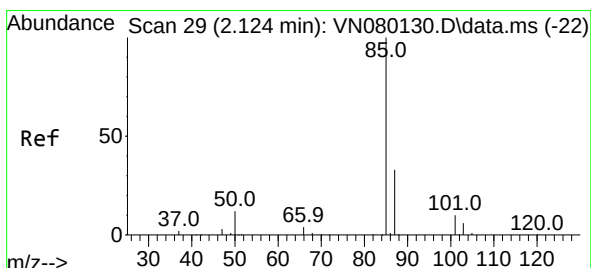
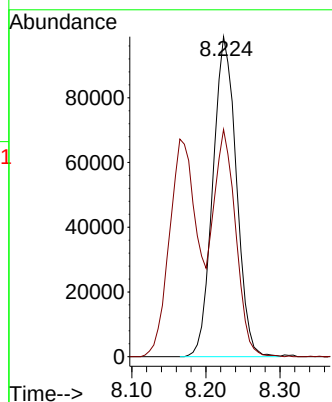
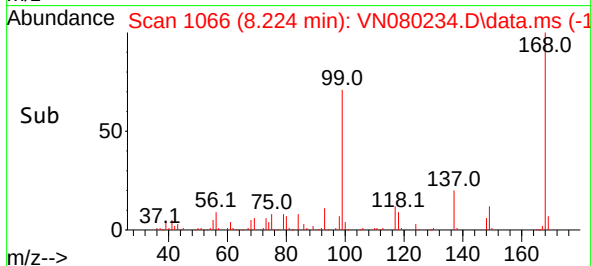
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 21781
Ion Ratio Lower Upper
168 100
99 70.8 53.0 79.6

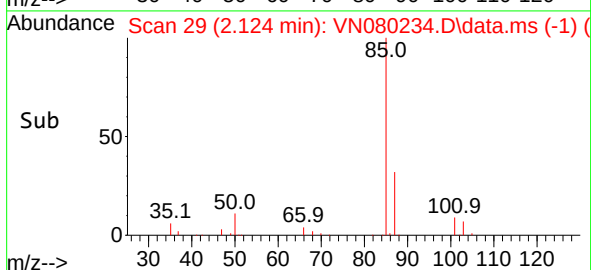
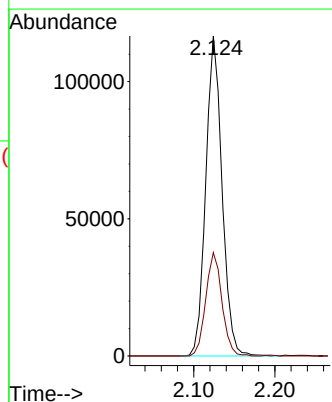
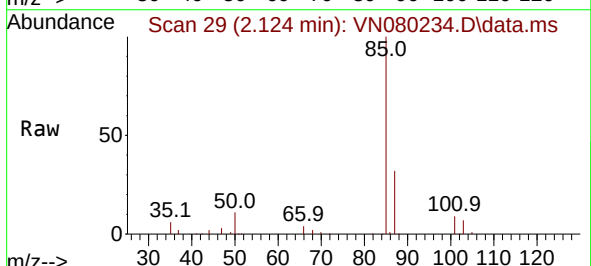
Manual Integrations
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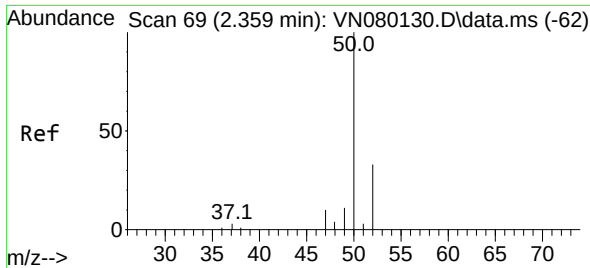
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 50.015 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 85 Resp: 162269
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





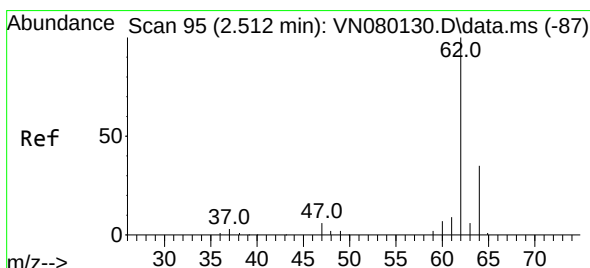
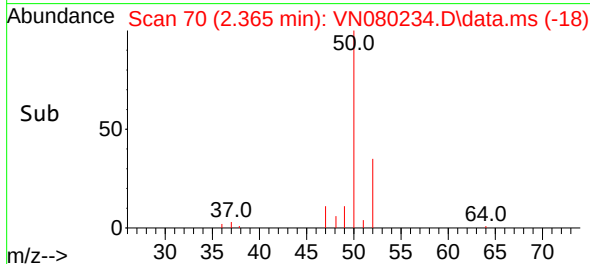
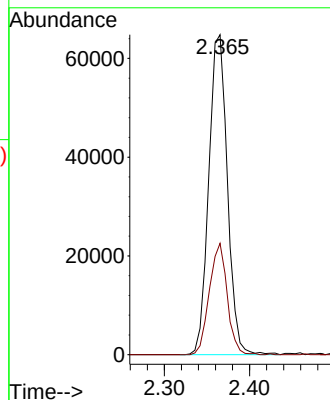
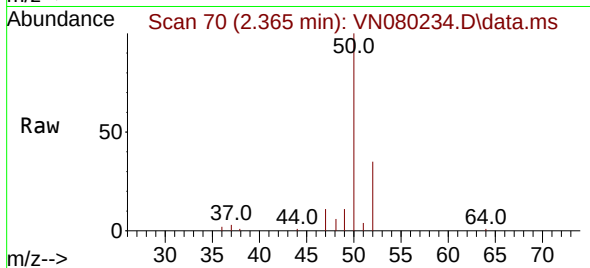
#3
Chloromethane
Concen: 40.331 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
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Tgt Ion: 50 Resp: 98379
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

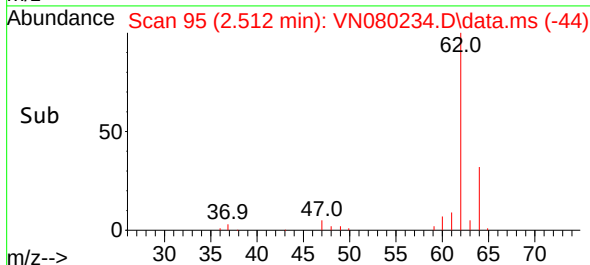
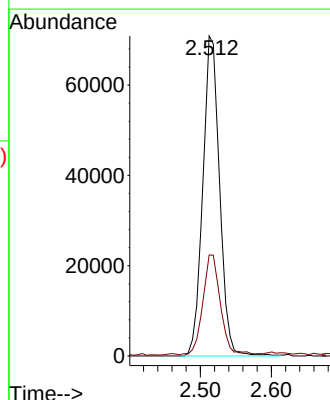
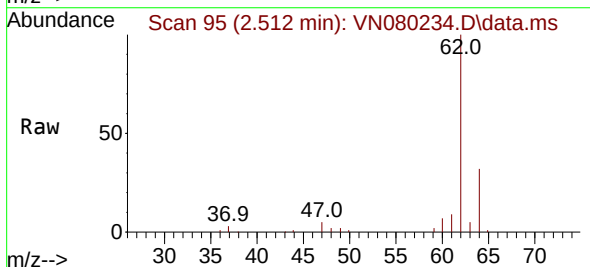
Manual Integrations
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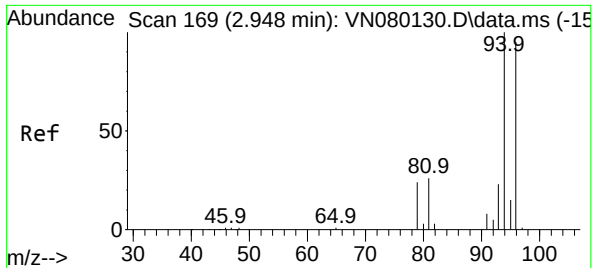
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#4
Vinyl Chloride
Concen: 45.194 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 62 Resp: 116664
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





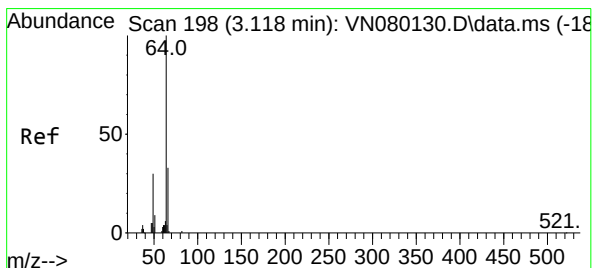
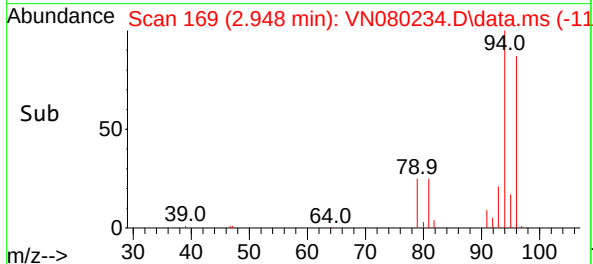
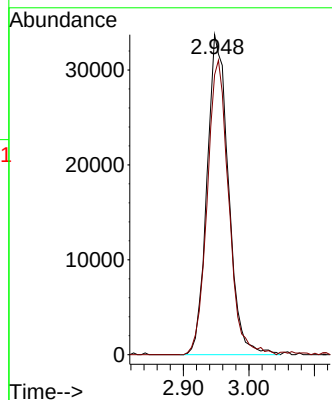
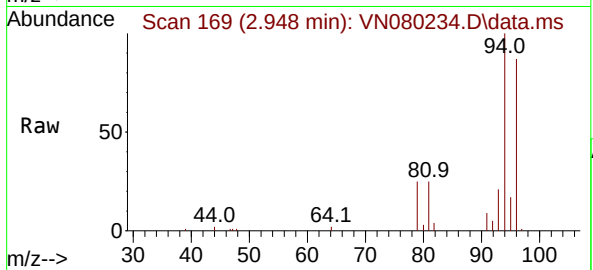
#5
Bromomethane
Concen: 43.695 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 7657
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7

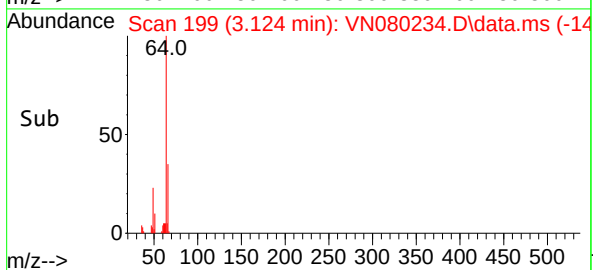
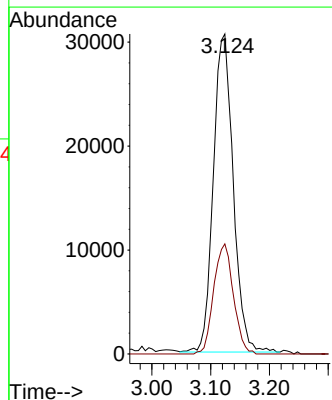
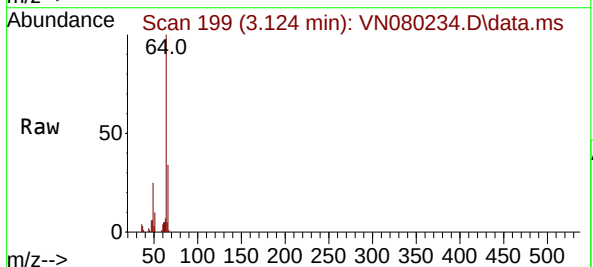
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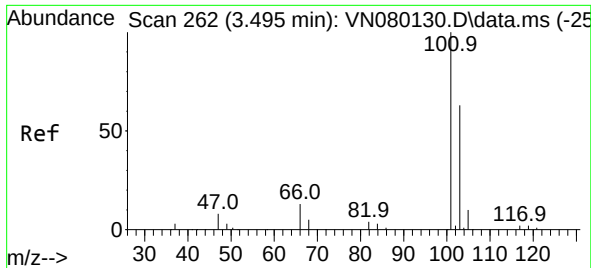
Reviewed By :John Carlone 11/22/2023
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#6
Chloroethane
Concen: 44.786 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 64 Resp: 71885
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.2





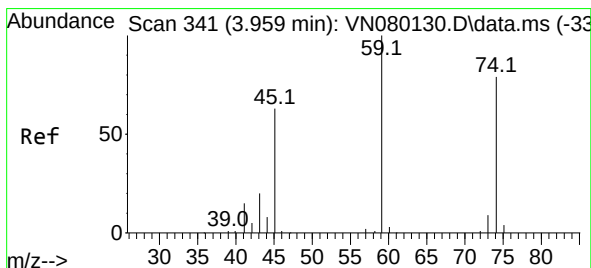
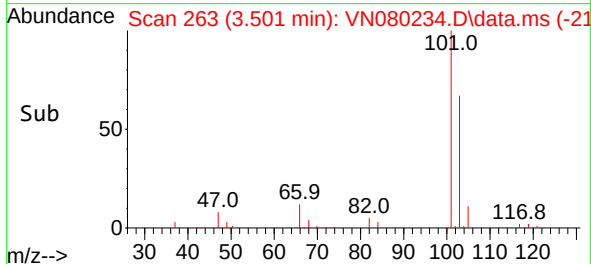
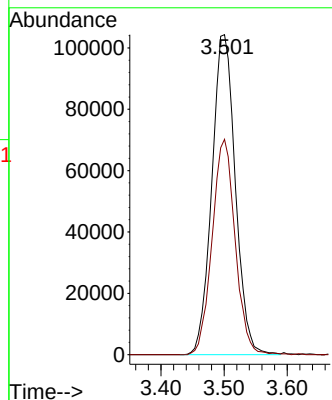
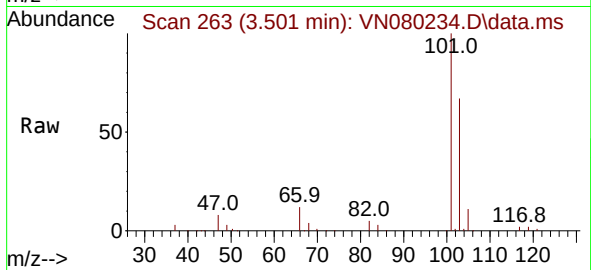
#7
Trichlorofluoromethane
Concen: 50.040 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 269460
Ion Ratio Lower Upper
101 100
103 67.3 50.7 76.1

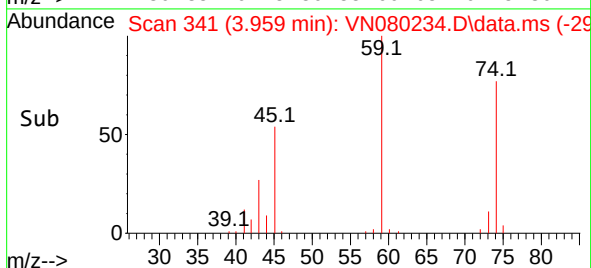
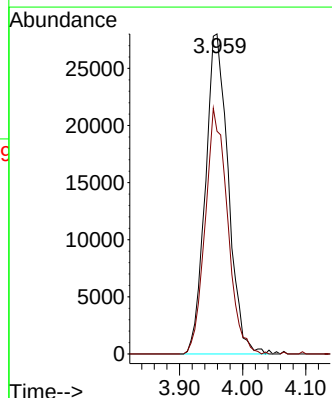
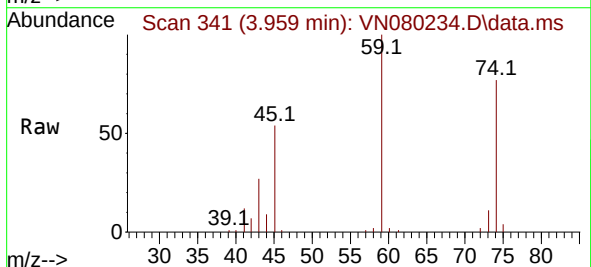
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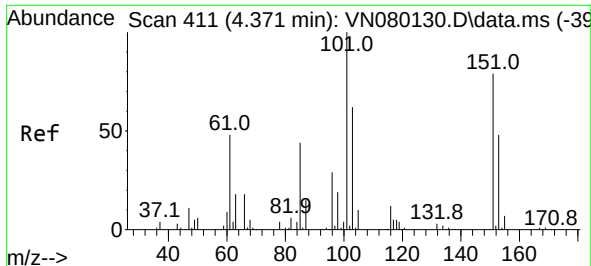
Reviewed By :John Carlone 11/22/2023
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#8
Diethyl Ether
Concen: 45.086 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 74 Resp: 70608
Ion Ratio Lower Upper
74 100
45 75.1 34.4 103.3





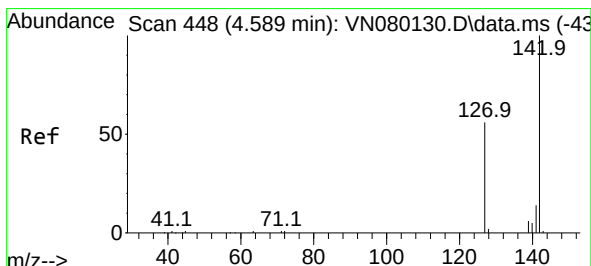
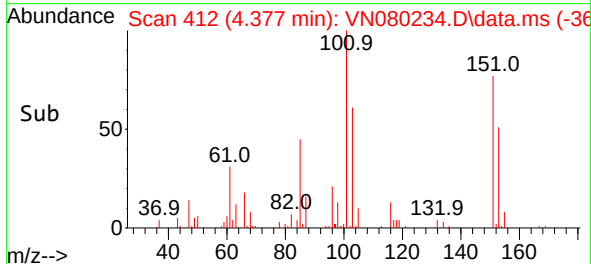
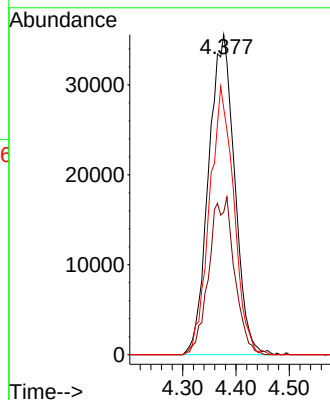
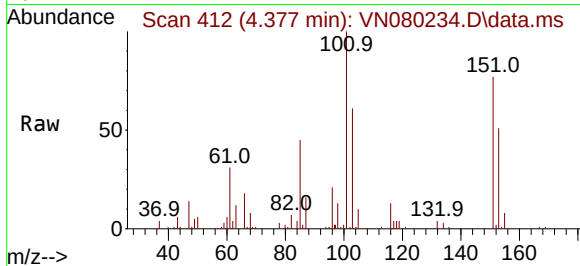
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.020 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12065
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 78.6 57.6 86.4

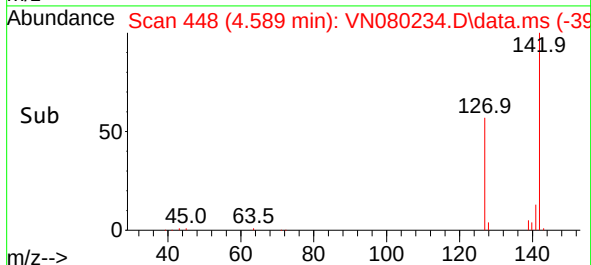
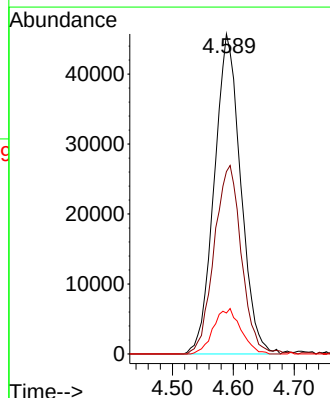
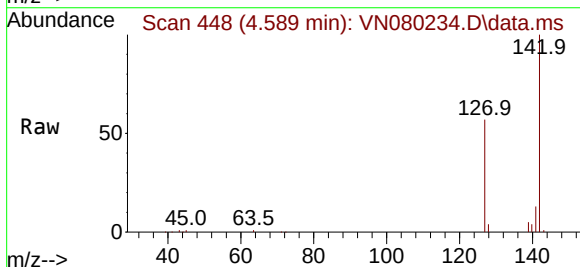
Manual Integrations
APPROVED

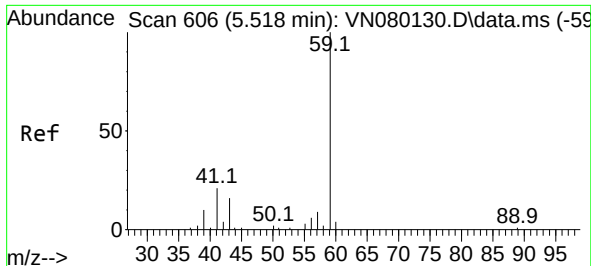
Reviewed By :John Carbone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 51.795 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

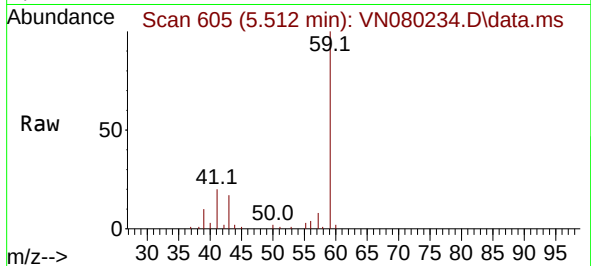
Tgt Ion:142 Resp: 137774
Ion Ratio Lower Upper
142 100
127 57.0 37.6 56.4#
141 12.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 216.560 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

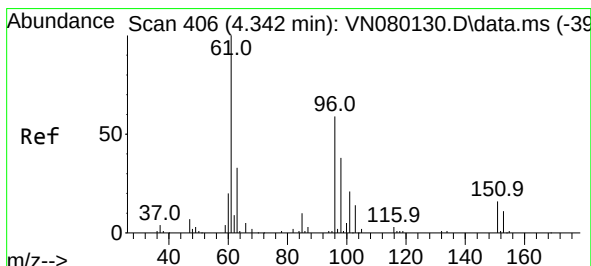
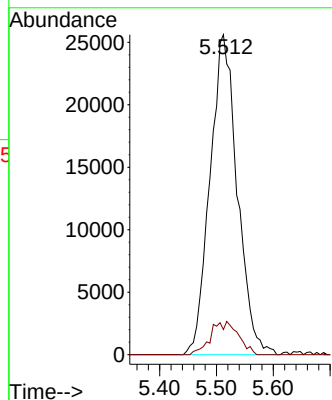
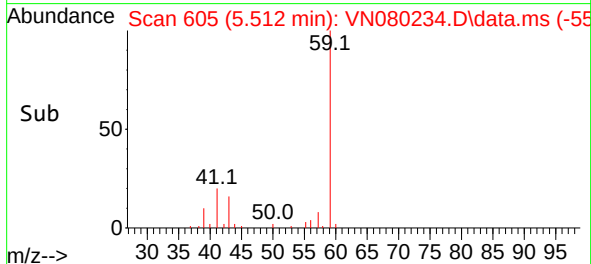
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



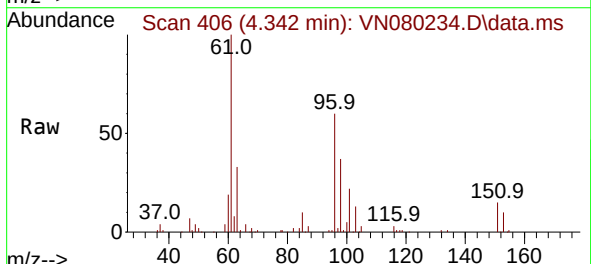
Tgt Ion: 59 Resp: 85648
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
APPROVED

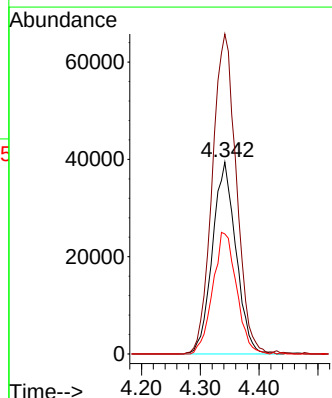
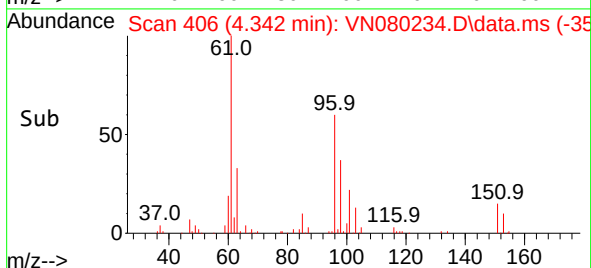
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

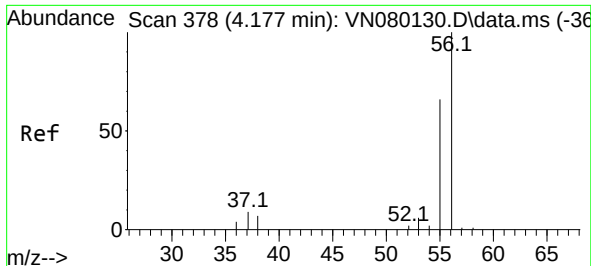


#12
1,1-Dichloroethene
Concen: 47.581 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



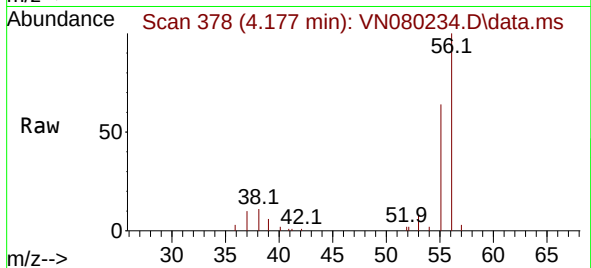
Tgt Ion: 96 Resp: 109537
Ion Ratio Lower Upper
96 100
61 166.9 112.7 169.1
98 62.6 51.2 76.8





#13
Acrolein
Concen: 224.088 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

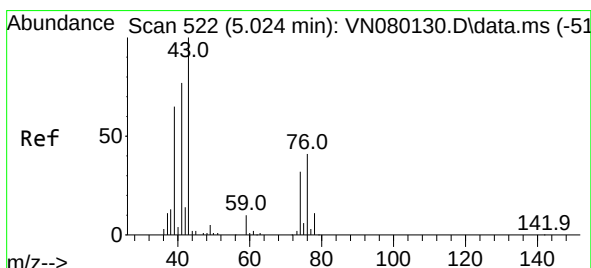
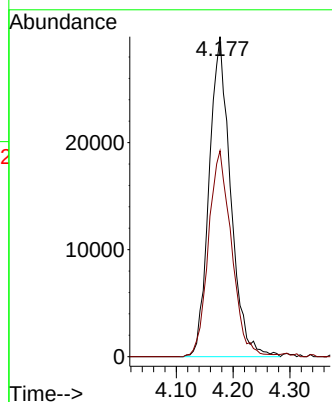
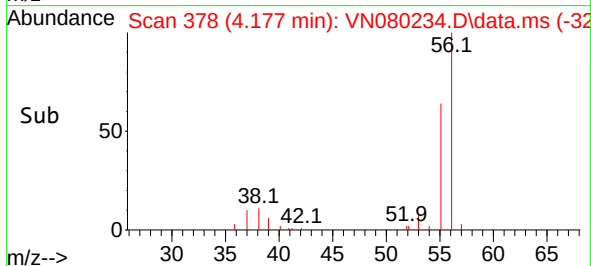
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7843
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

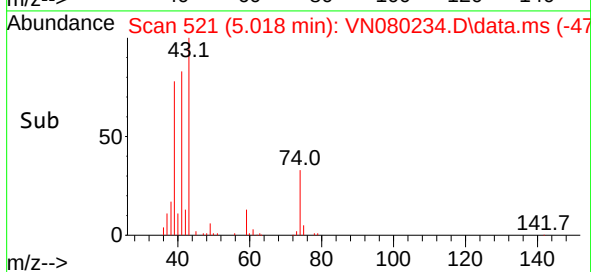
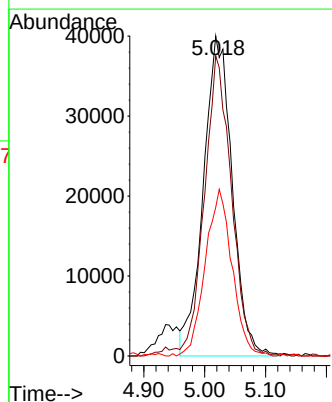
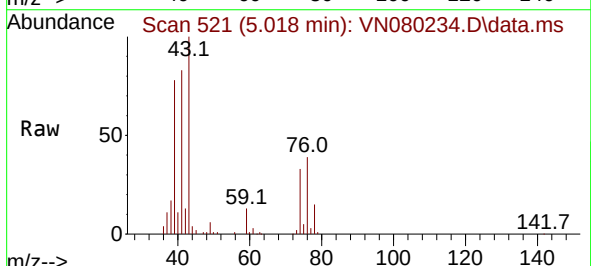
Manual Integrations
APPROVED

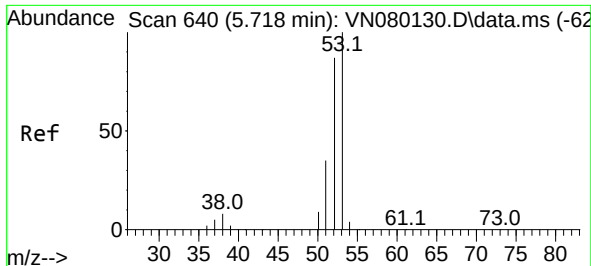
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 45.452 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

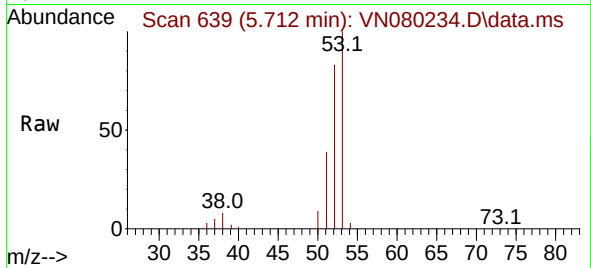
Tgt Ion: 41 Resp: 131646
Ion Ratio Lower Upper
41 100
39 87.1 58.8 88.2
76 48.4 39.1 58.7





#15
Acrylonitrile
Concen: 213.488 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

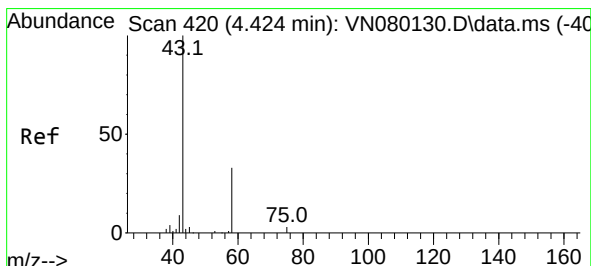
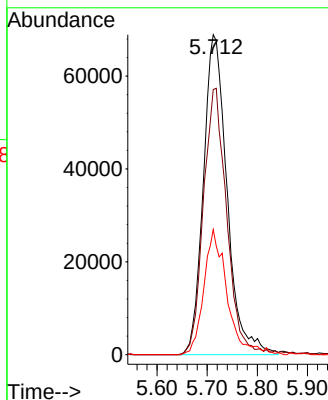
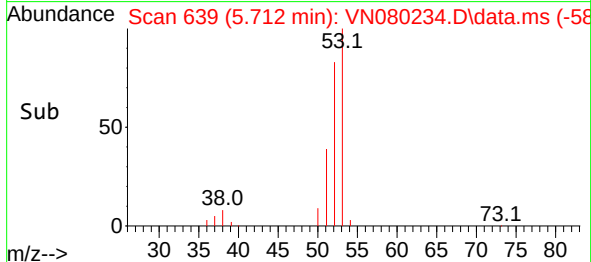
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 22666
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.8 28.9 43.3

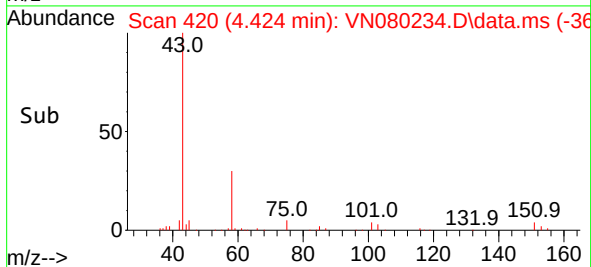
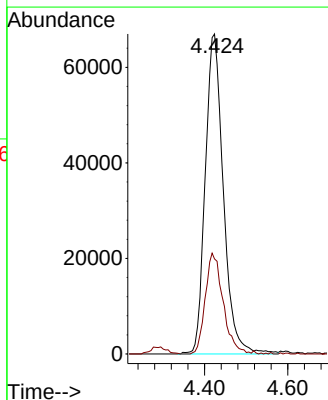
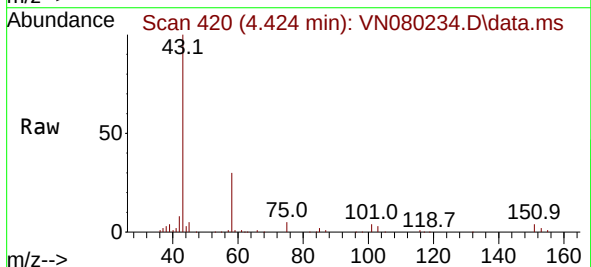
Manual Integrations
APPROVED

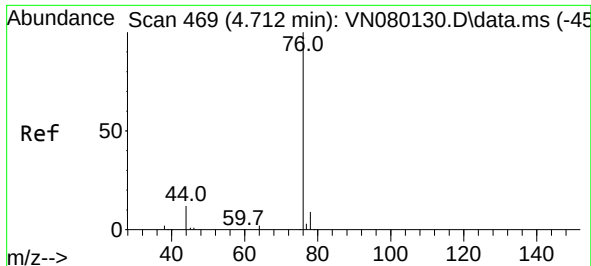
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#16
Acetone
Concen: 167.761 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

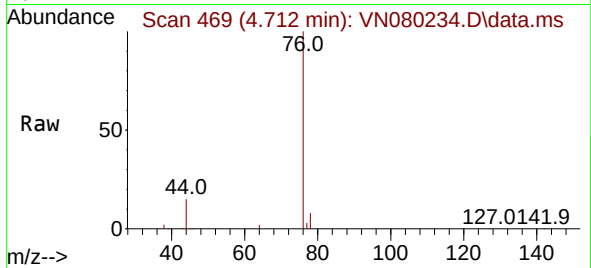
Tgt Ion: 43 Resp: 202646
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





#17
Carbon Disulfide
Concen: 41.698 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

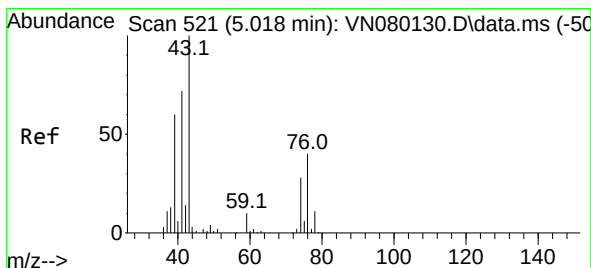
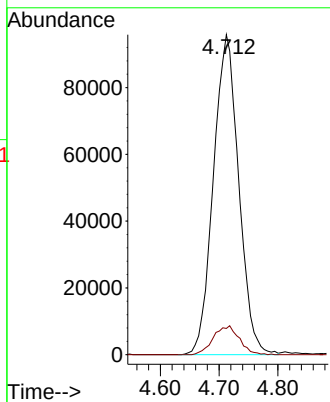
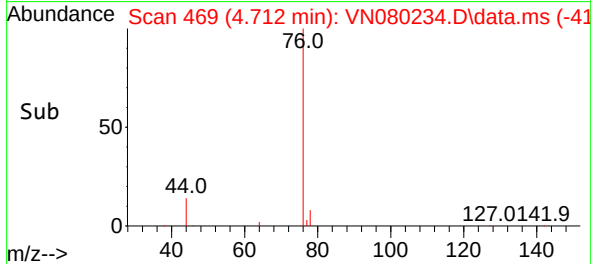
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 286624
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

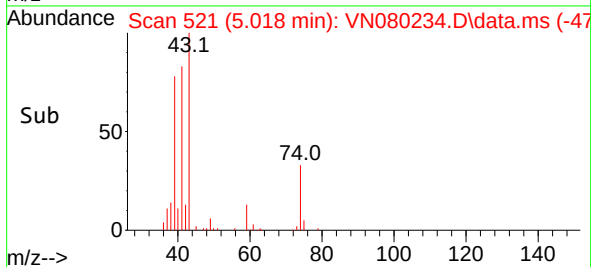
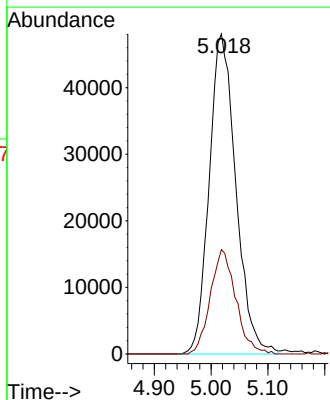
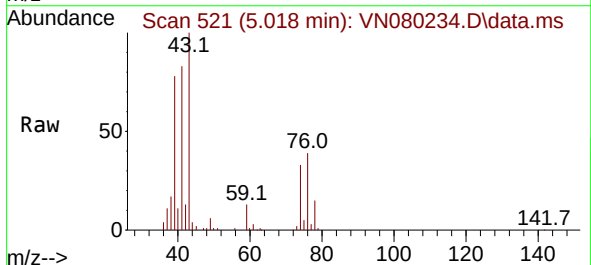
Manual Integrations
APPROVED

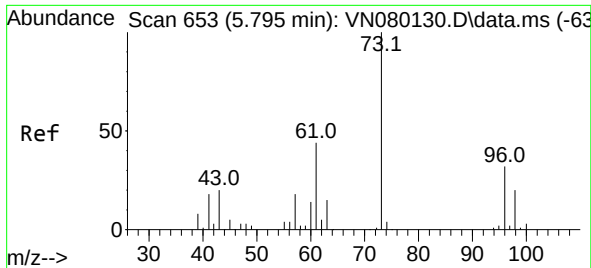
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#18
Methyl Acetate
Concen: 40.362 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 43 Resp: 156650
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4





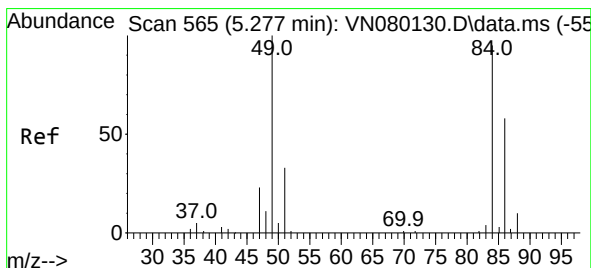
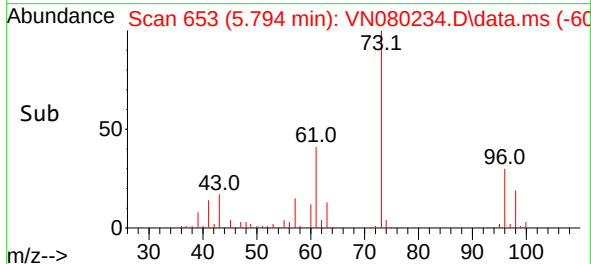
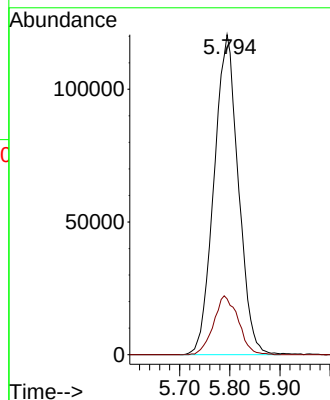
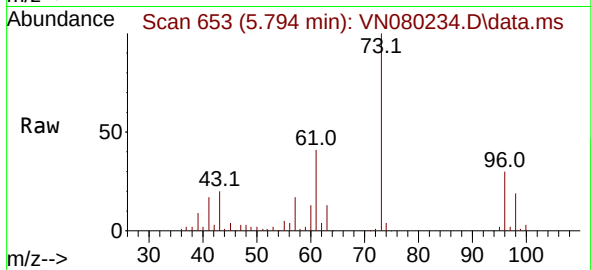
#19
Methyl tert-butyl Ether
Concen: 50.049 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 40689
Ion Ratio Lower Upper
73 100
57 17.5 15.6 23.4

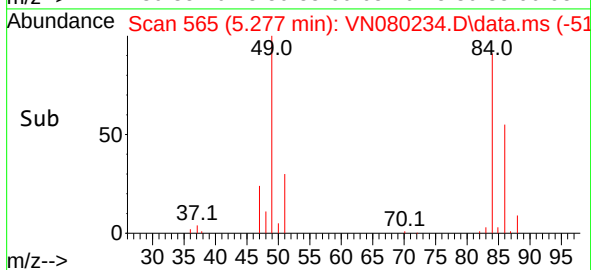
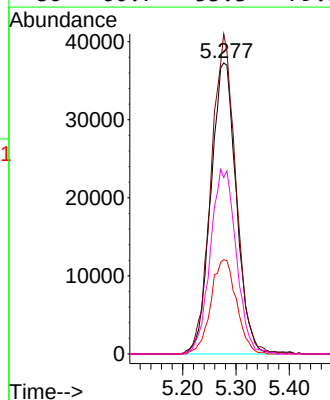
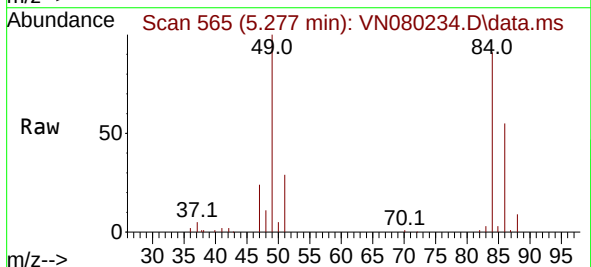
Manual Integrations
APPROVED

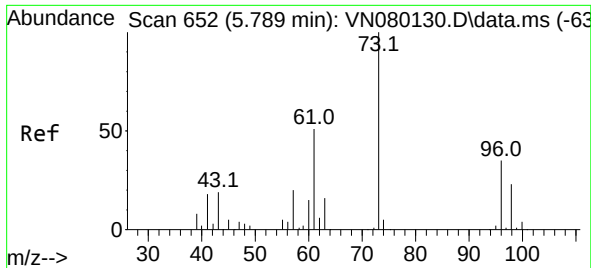
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 49.002 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

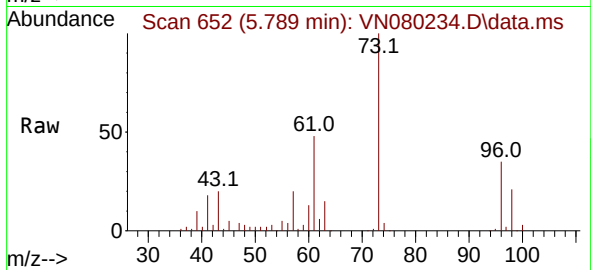
Tgt Ion: 84 Resp: 123957
Ion Ratio Lower Upper
84 100
49 110.0 79.7 119.5
51 32.4 25.2 37.8
86 60.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.347 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

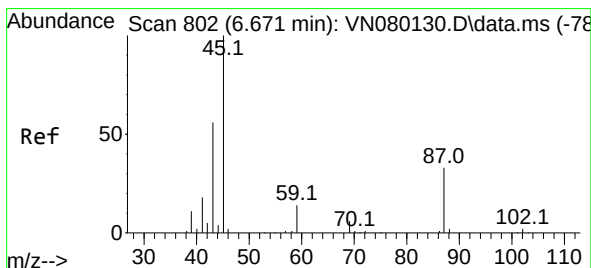
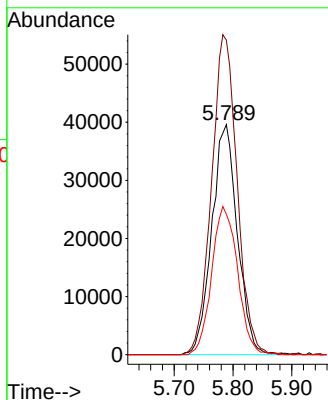
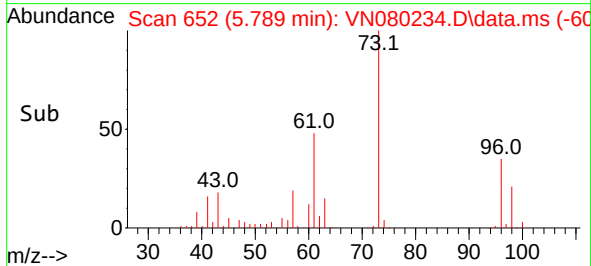
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 119744
Ion Ratio Lower Upper
96 100
61 136.7 90.1 135.1
98 61.1 46.4 69.6

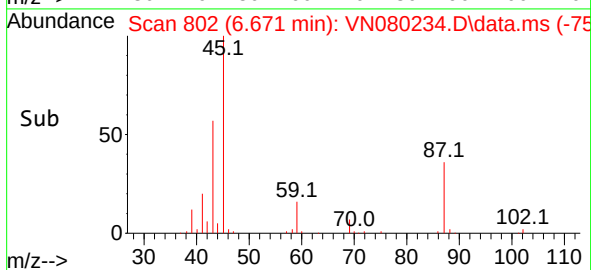
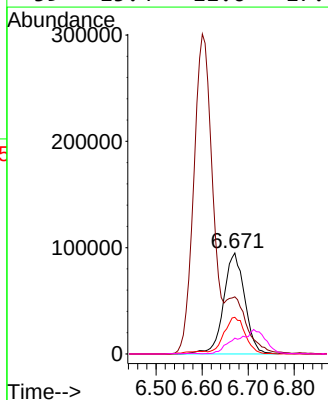
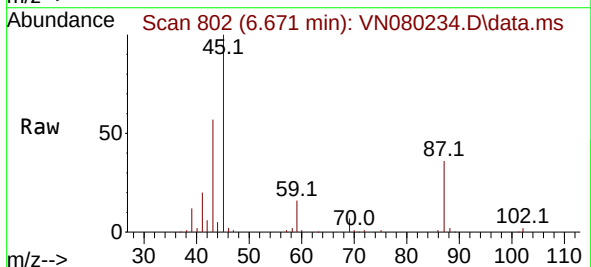
Manual Integrations
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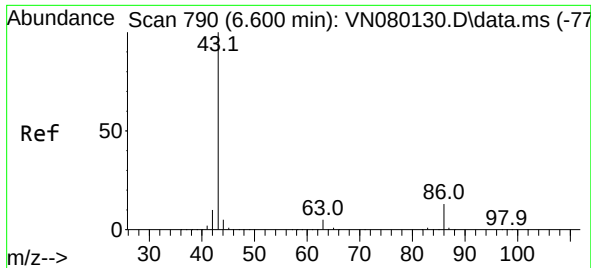
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#22
Diisopropyl ether
Concen: 46.963 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 45 Resp: 300942
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 36.3 31.8 47.8
59 15.4 11.6 17.4





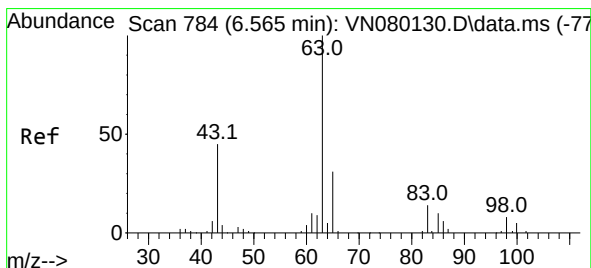
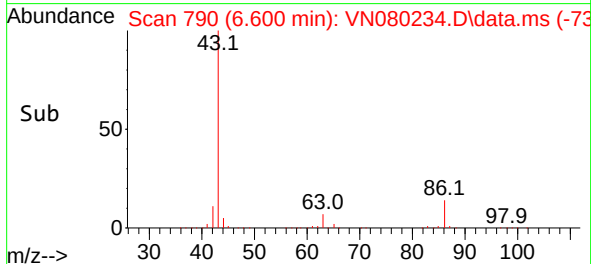
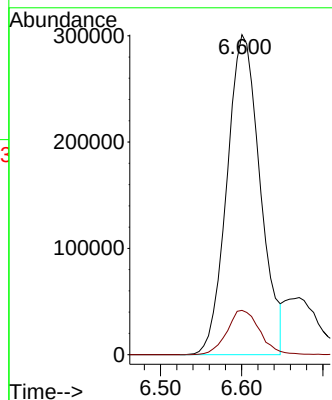
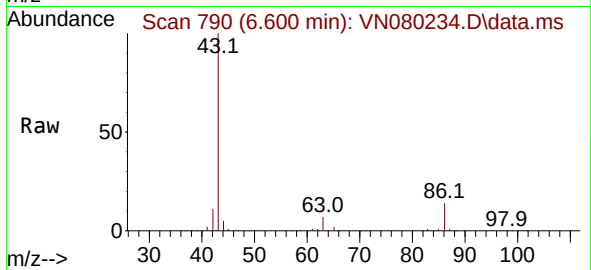
#23
 Vinyl Acetate
 Concen: 222.423 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 85687
 Ion Ratio Lower Upper
 43 100
 86 13.9 13.0 19.6

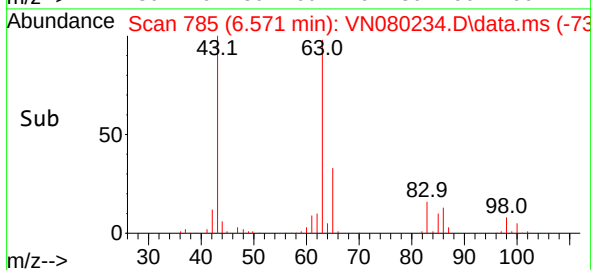
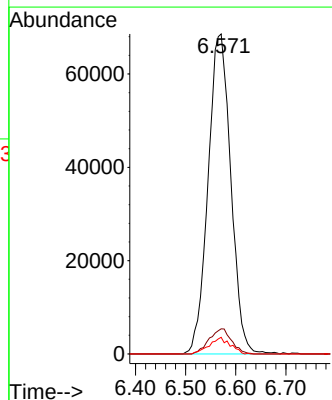
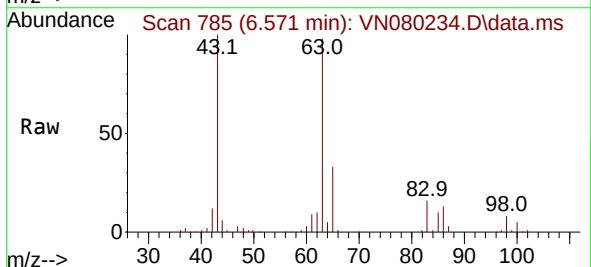
Manual Integrations
 APPROVED

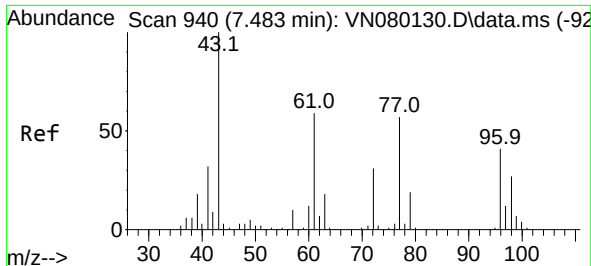
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#24
 1,1-Dichloroethane
 Concen: 46.375 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

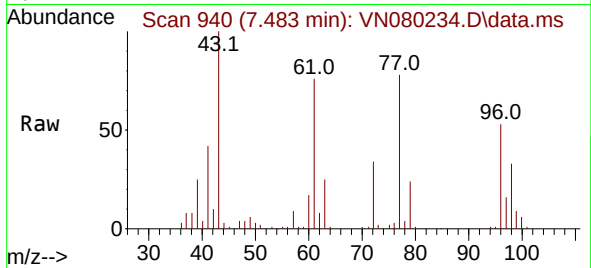
Tgt Ion: 63 Resp: 216445
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 182.939 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

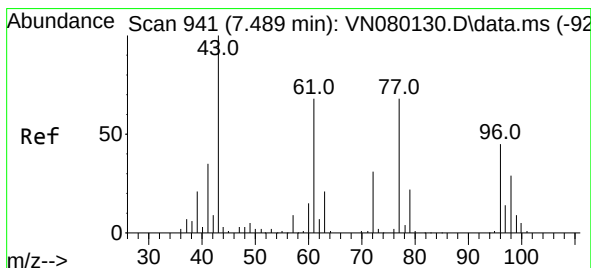
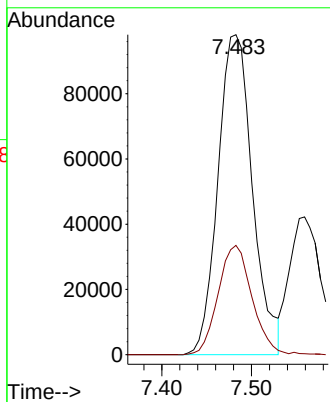
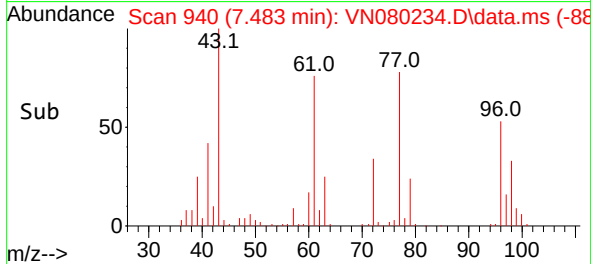
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



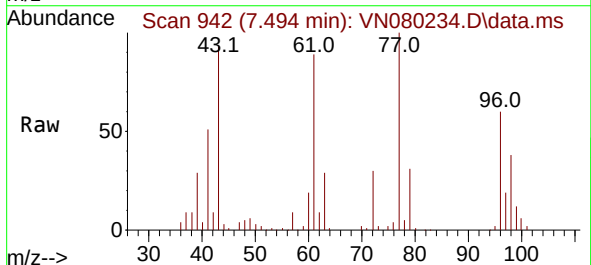
Tgt Ion: 43 Resp: 262550
Ion Ratio Lower Upper
43 100
72 34.1 30.2 45.2

Manual Integrations
APPROVED

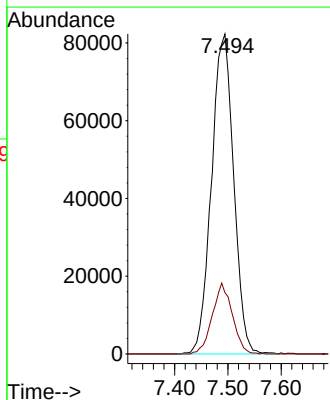
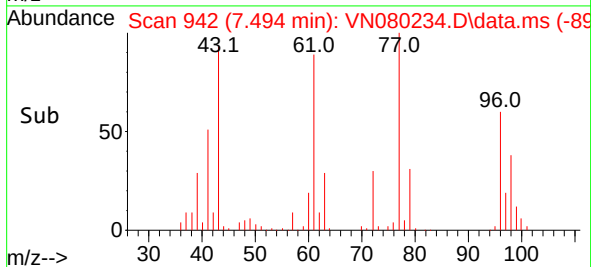
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

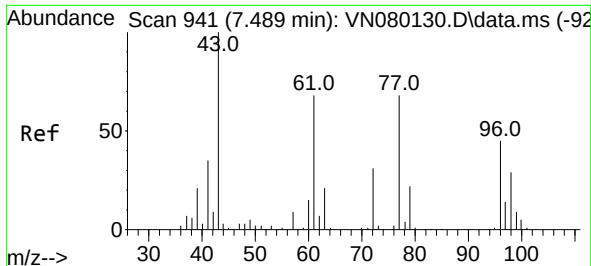


#26
2,2-Dichloropropane
Concen: 51.370 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



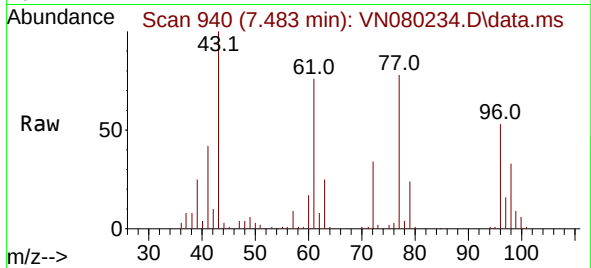
Tgt Ion: 77 Resp: 237867
Ion Ratio Lower Upper
77 100
97 20.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.952 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

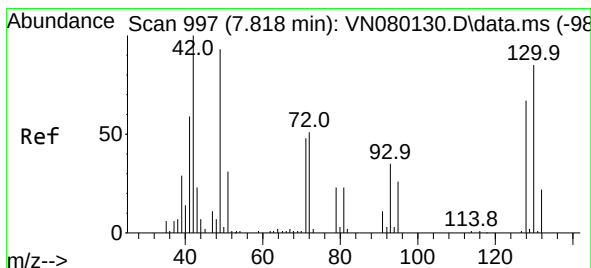
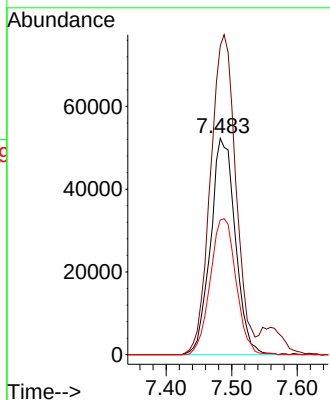
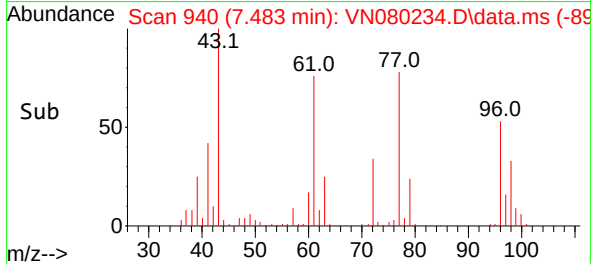
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 137494
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 255.2
 98 65.2 0.0 128.8

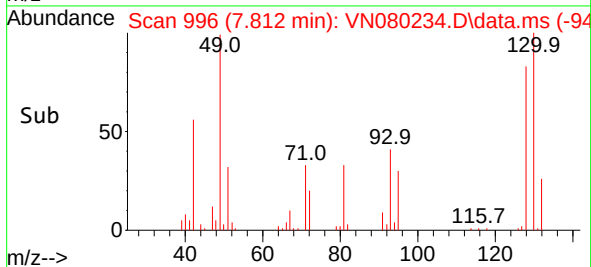
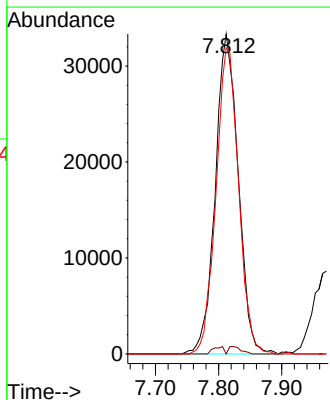
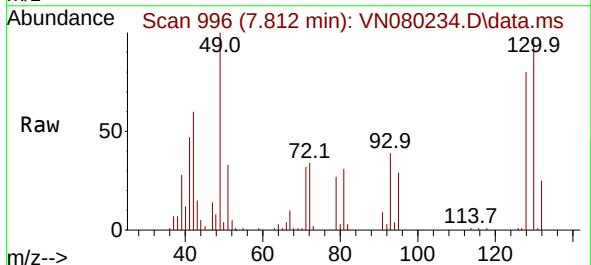
Manual Integrations
 APPROVED

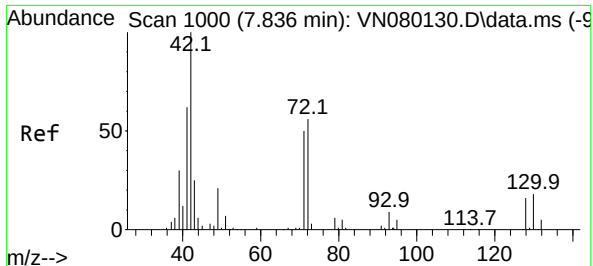
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#28
 Bromochloromethane
 Concen: 45.794 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

Tgt Ion: 49 Resp: 84026
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 94.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 205.994 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15872

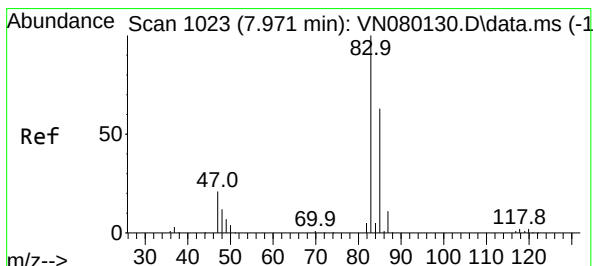
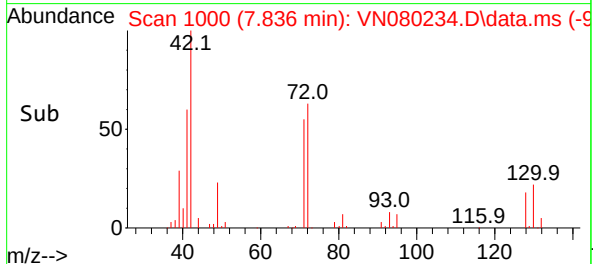
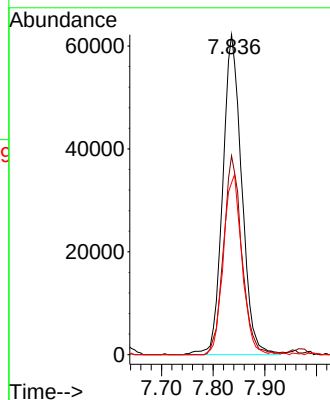
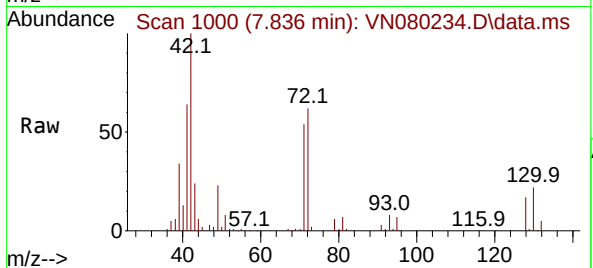
Ion	Ratio	Lower	Upper
42	100		
72	59.9	49.8	74.6
71	54.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#30

Chloroform

Concen: 49.352 ug/l

RT: 7.965 min Scan# 1022

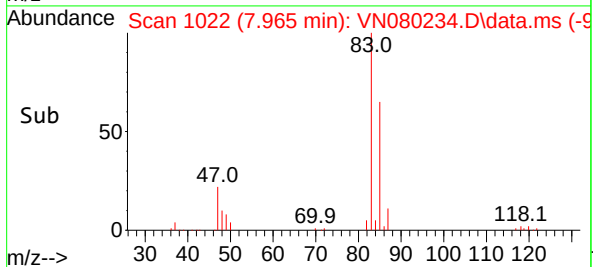
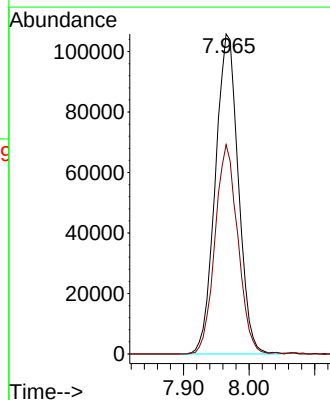
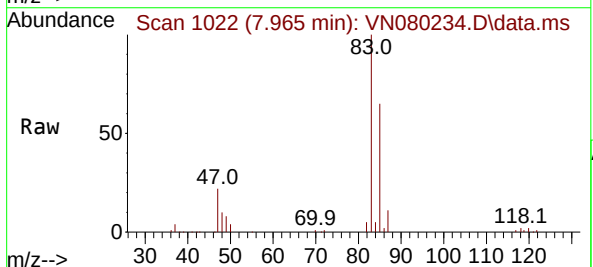
Delta R.T. -0.006 min

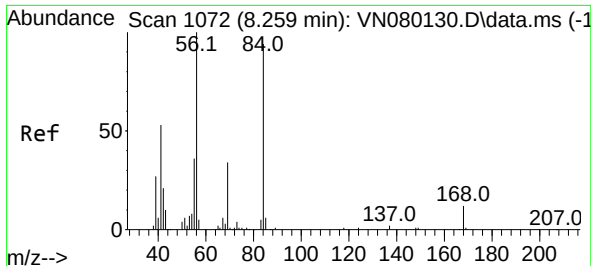
Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Tgt Ion: 83 Resp: 257451

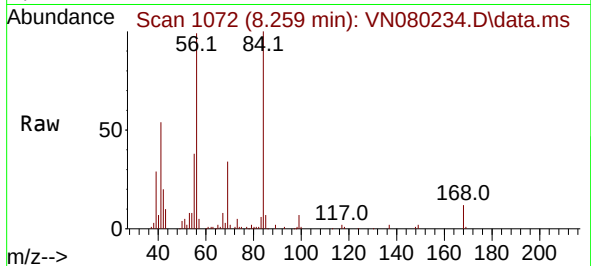
Ion	Ratio	Lower	Upper
83	100		
85	65.4	55.4	83.0





#31
Cyclohexane
Concen: 40.726 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

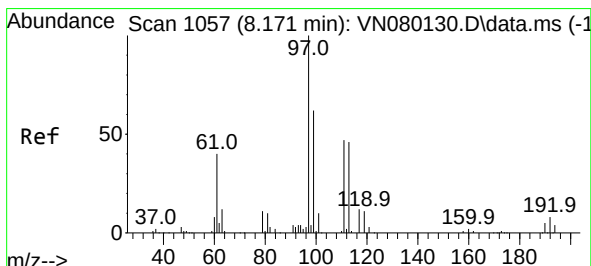
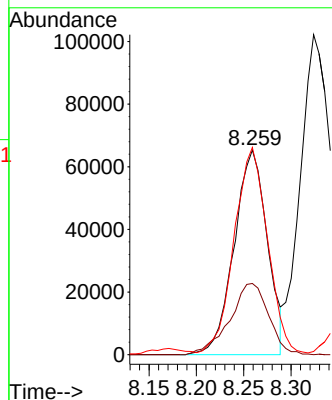
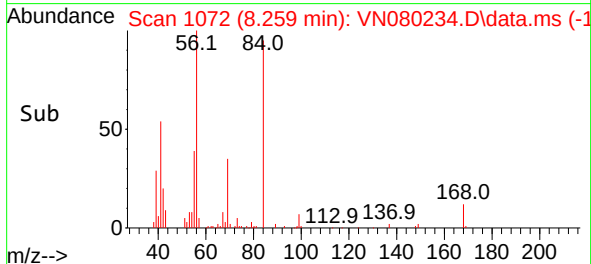
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



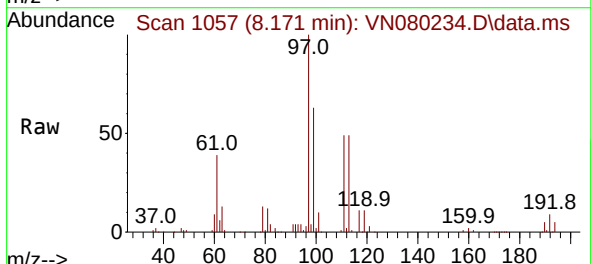
Tgt Ion: 56 Resp: 159285
Ion Ratio Lower Upper
56 100
69 34.8 26.8 40.2
84 99.1 81.8 122.6

Manual Integrations
APPROVED

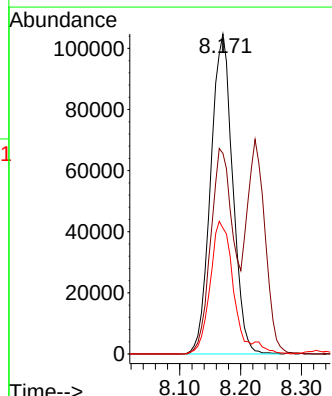
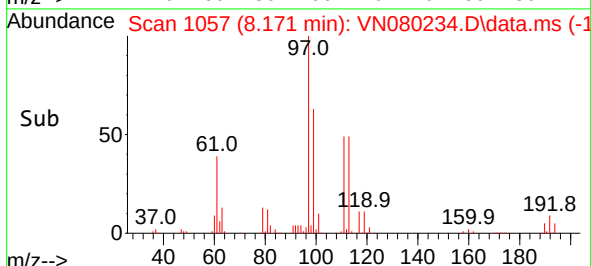
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

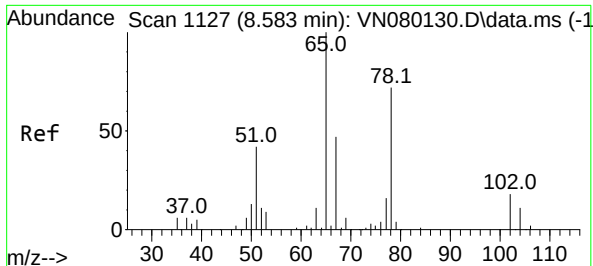


#32
1,1,1-Trichloroethane
Concen: 51.603 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion: 97 Resp: 262521
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.819 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 179169

Ion Ratio Lower Upper

65 100

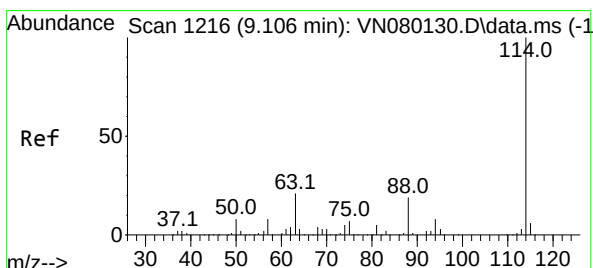
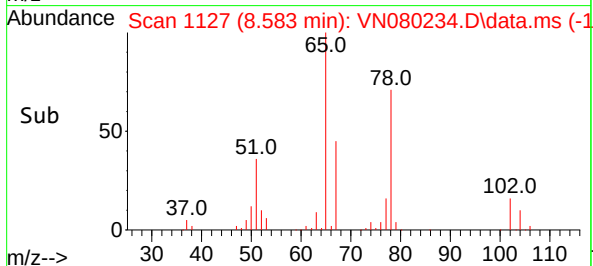
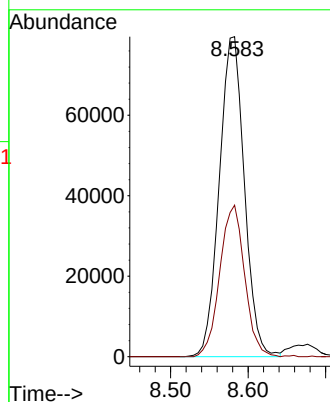
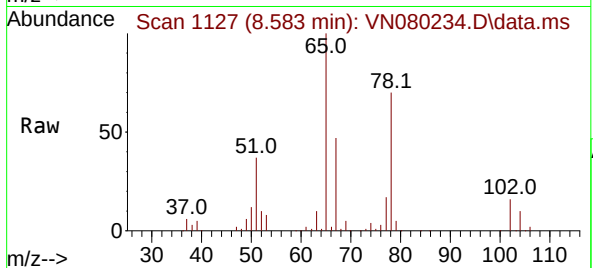
67 46.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

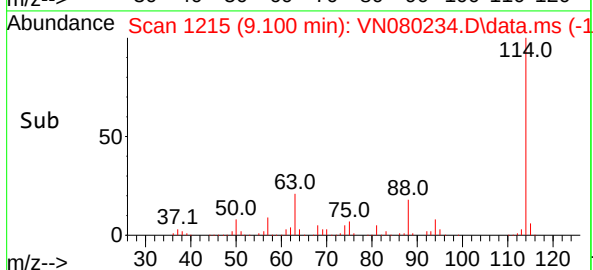
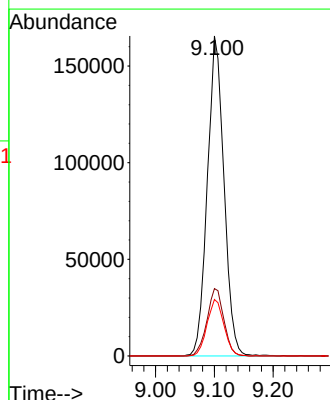
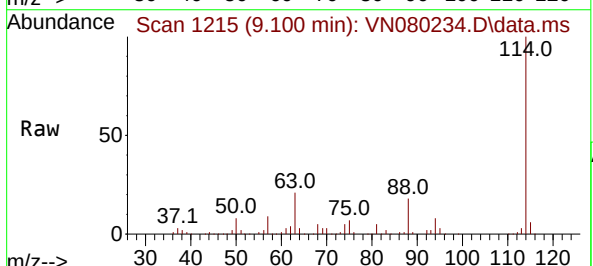
Tgt Ion:114 Resp: 325719

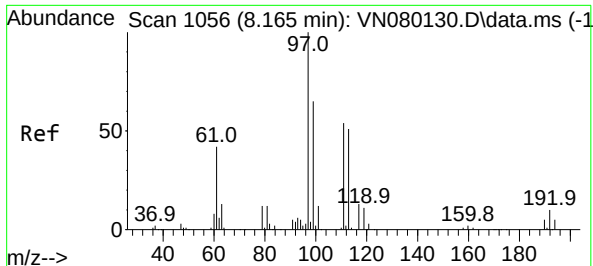
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.938 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

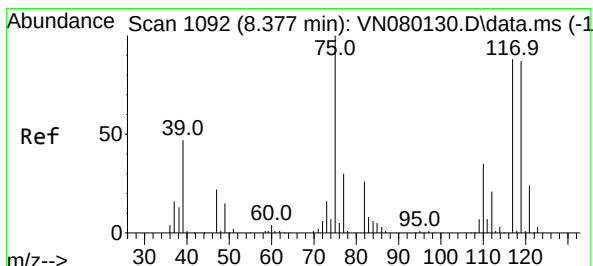
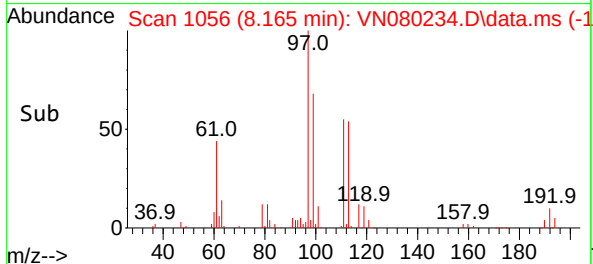
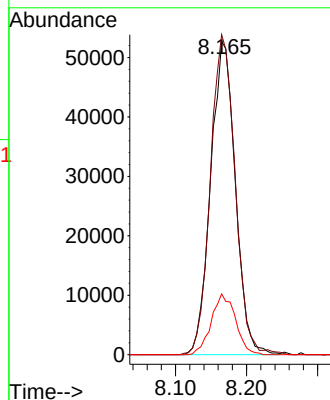
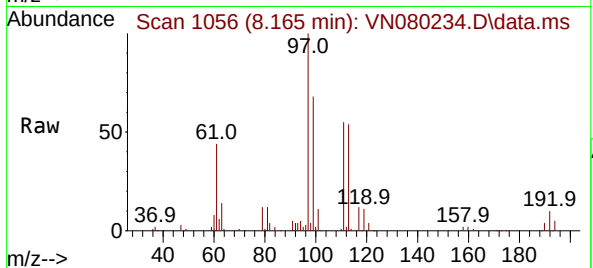
Tgt Ion:113 Resp: 127229
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 19.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#36

1,1-Dichloropropene

Concen: 52.222 ug/l

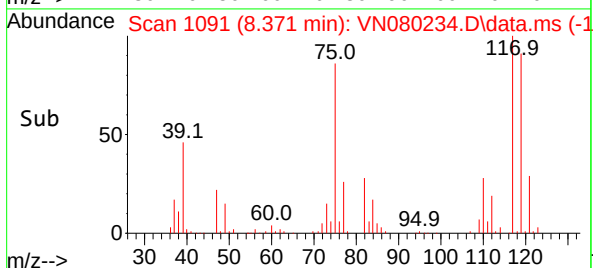
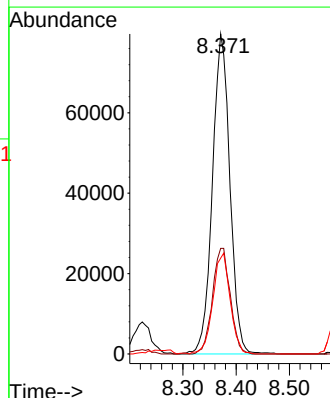
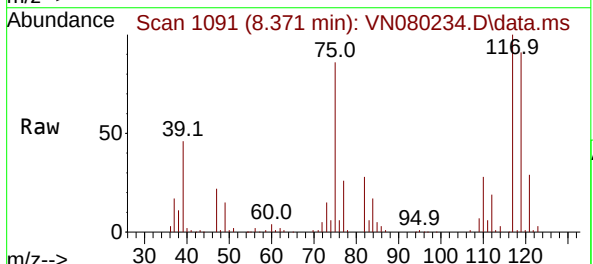
RT: 8.371 min Scan# 1091

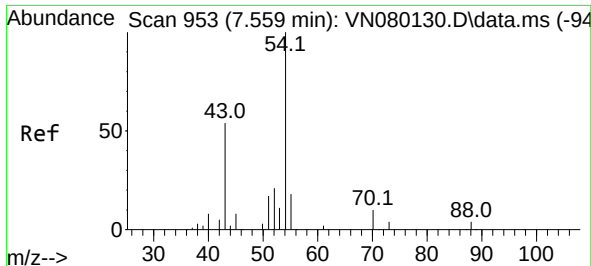
Delta R.T. -0.006 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

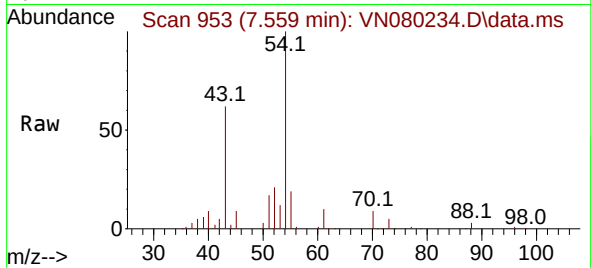
Tgt Ion: 75 Resp: 181712
 Ion Ratio Lower Upper
 75 100
 110 33.4 19.1 57.3
 77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 44.268 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

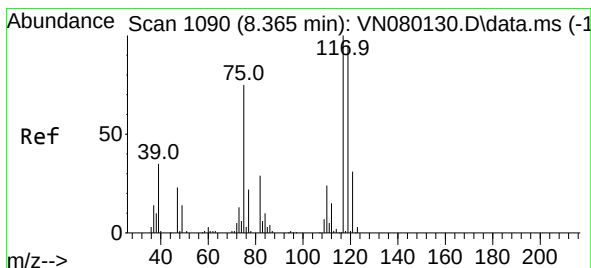
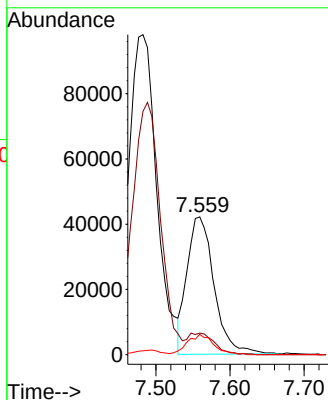
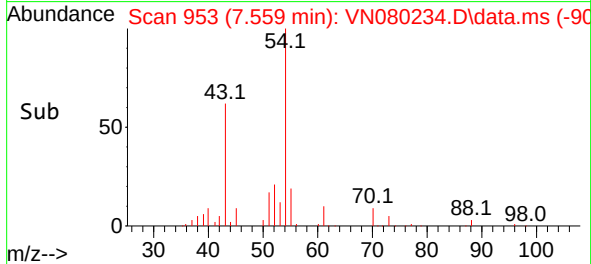
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10684
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 14.3 11.3 16.9

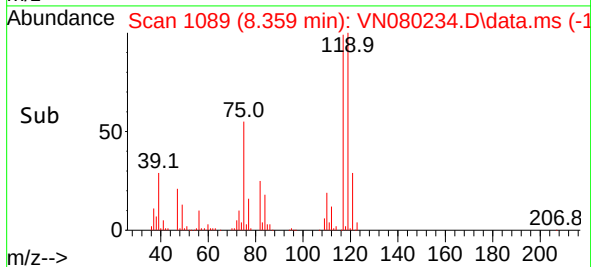
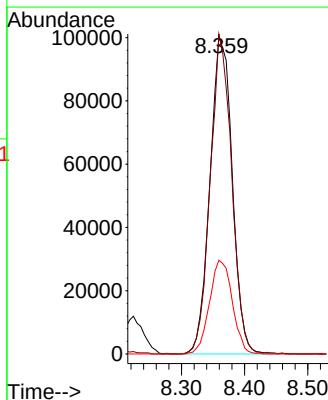
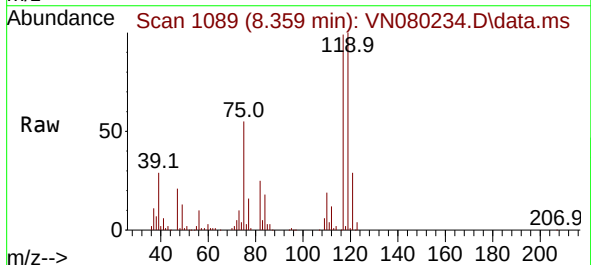
Manual Integrations
APPROVED

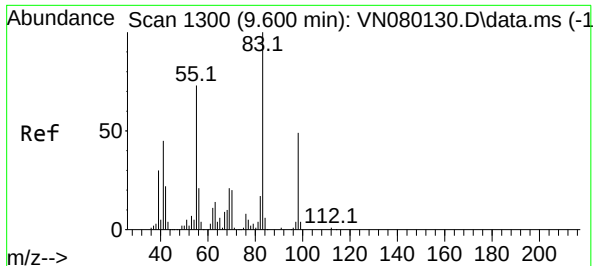
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 55.730 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

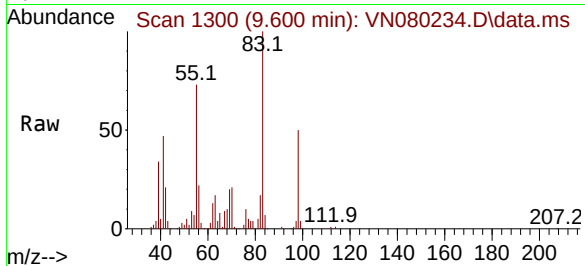
Tgt Ion:117 Resp: 246084
Ion Ratio Lower Upper
117 100
119 101.0 77.3 115.9
121 29.5 23.3 34.9





#39
Methylcyclohexane
Concen: 51.728 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

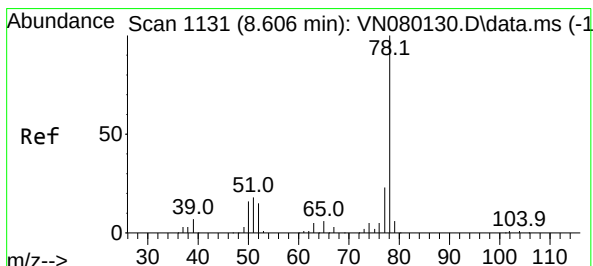
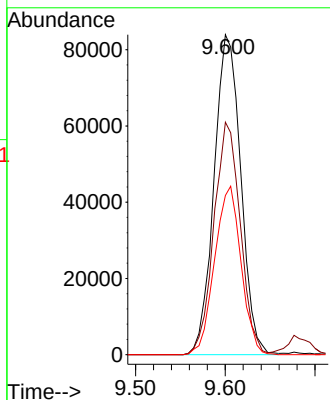
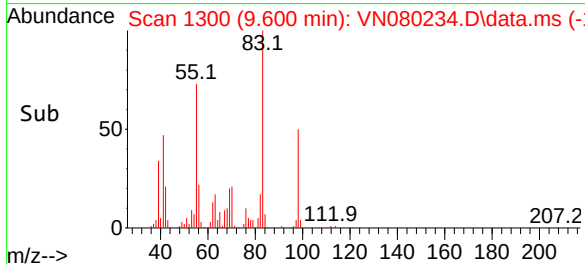
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 173552
Ion Ratio Lower Upper
83 100
55 72.7 49.1 73.7
98 49.7 40.6 61.0

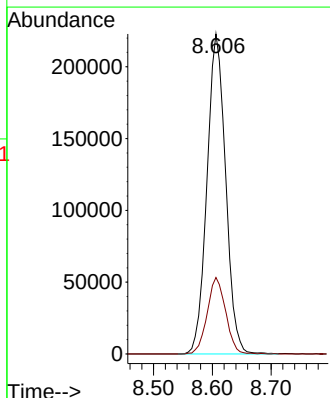
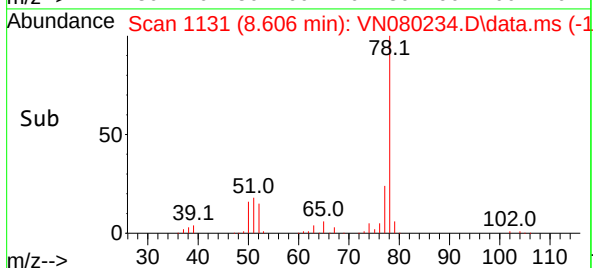
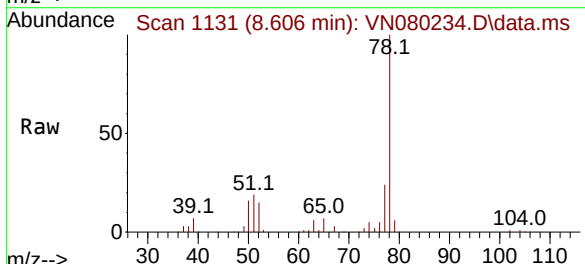
Manual Integrations
APPROVED

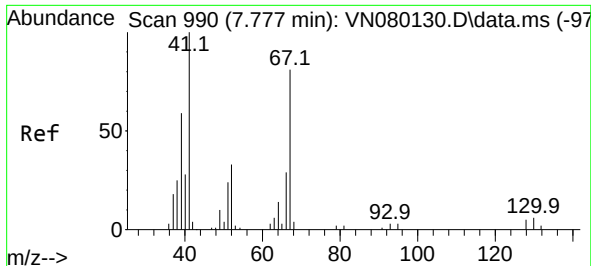
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#40
Benzene
Concen: 49.793 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

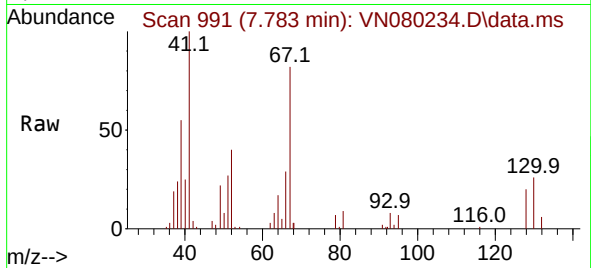
Tgt Ion: 78 Resp: 492429
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 48.123 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

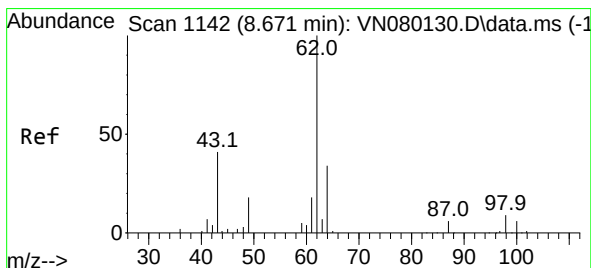
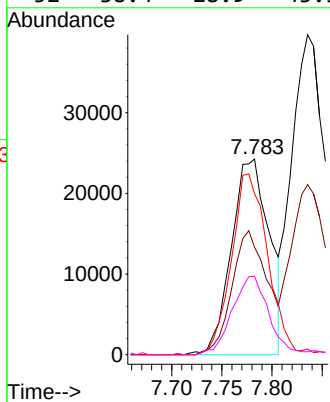
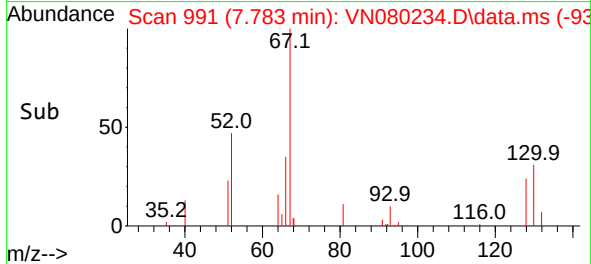
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 63780
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 88.8 77.5 116.3
52 38.4 28.9 43.3

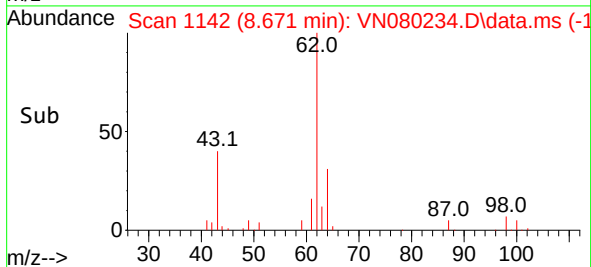
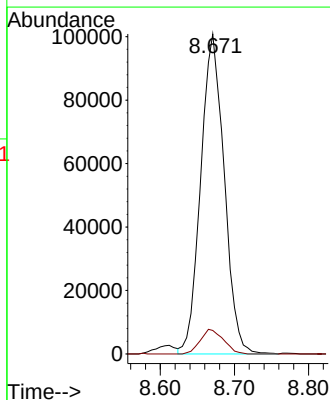
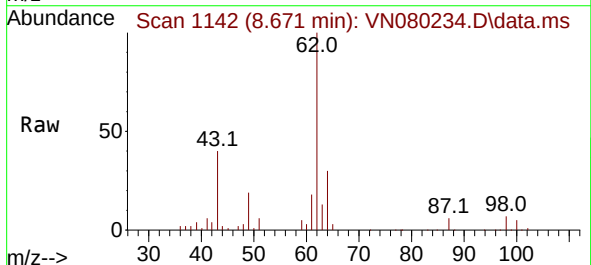
Manual Integrations
APPROVED

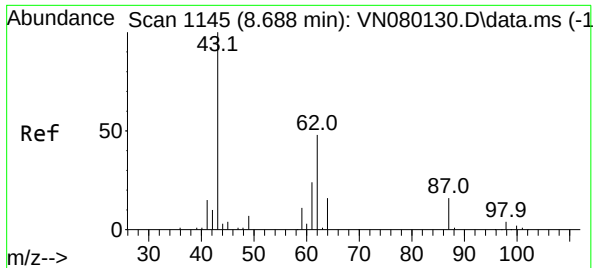
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 54.917 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

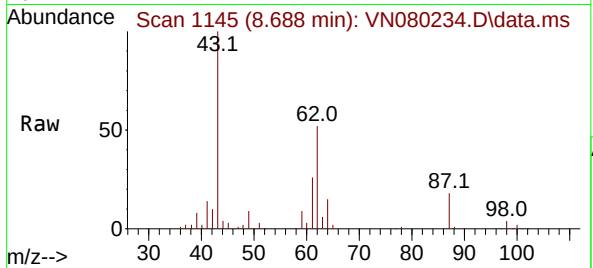
Tgt Ion: 62 Resp: 222195
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 41.952 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

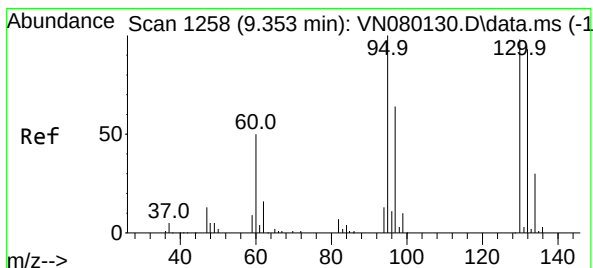
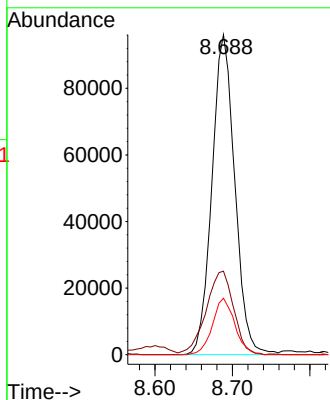
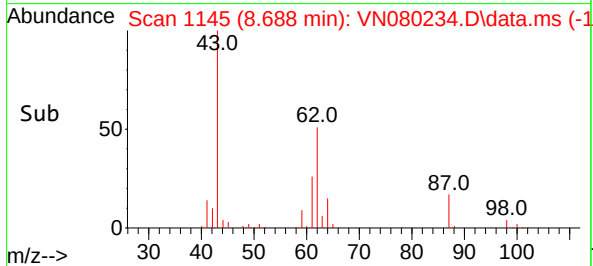
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



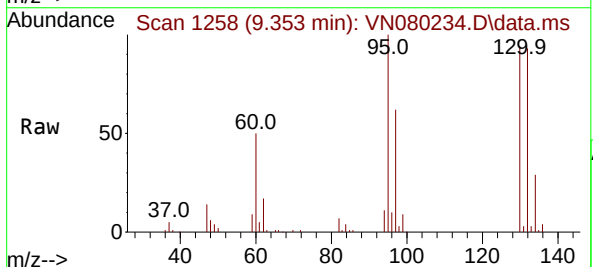
Tgt Ion: 43 Resp: 197040
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 17.2 14.6 21.8

Manual Integrations
APPROVED

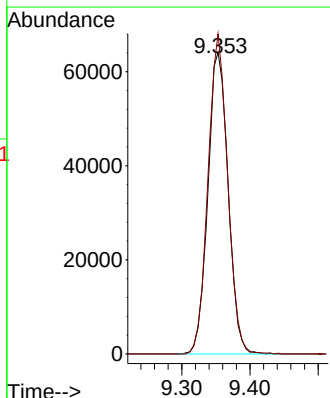
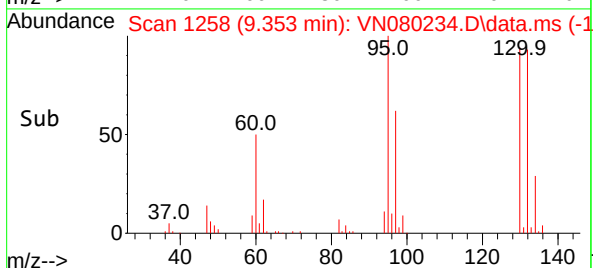
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

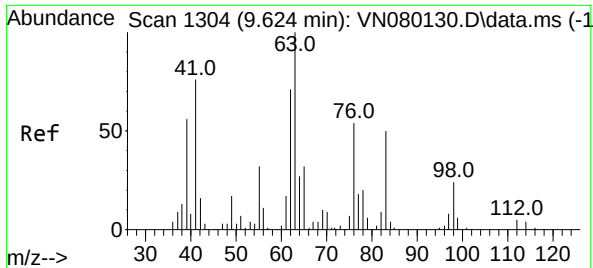


#44
Trichloroethene
Concen: 51.039 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion:130 Resp: 132403
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.109 ug/l

RT: 9.624 min Scan# 11286

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11286

Ion Ratio Lower Upper

63 100

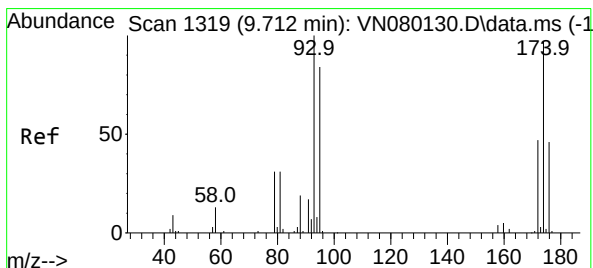
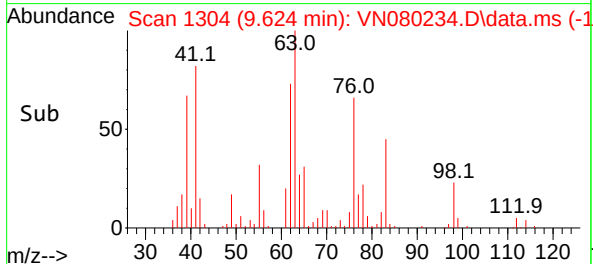
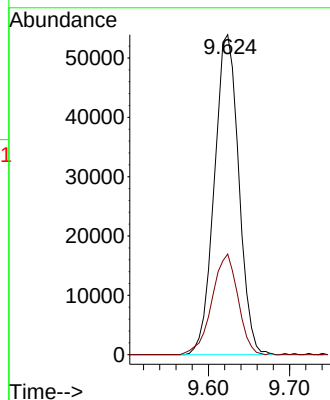
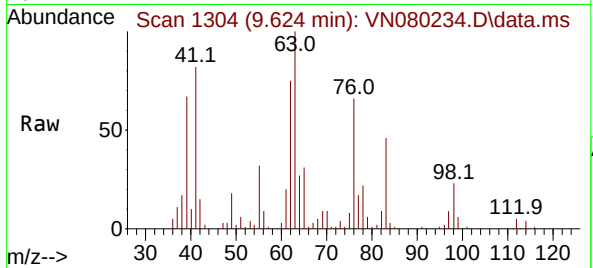
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#46

Dibromomethane

Concen: 52.085 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

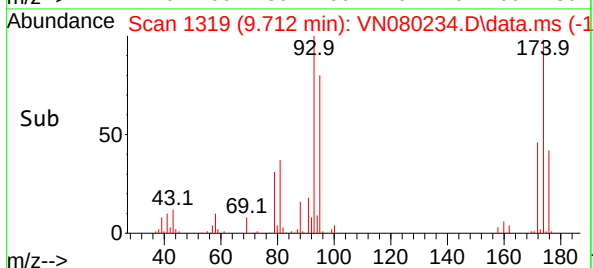
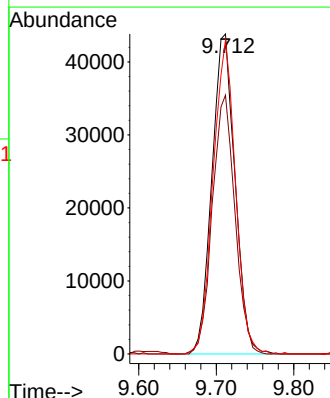
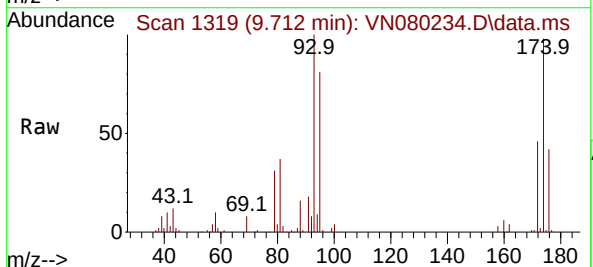
Tgt Ion: 93 Resp: 90612

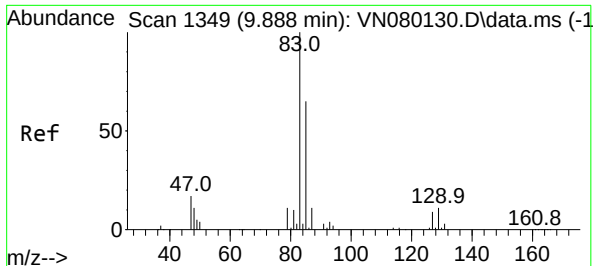
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

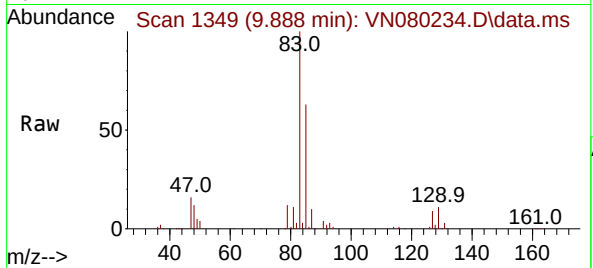
174 94.9 65.6 98.4





#47
Bromodichloromethane
Concen: 54.992 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

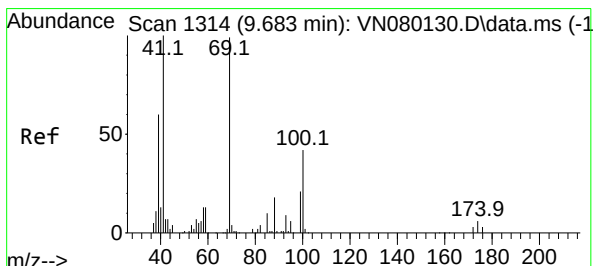
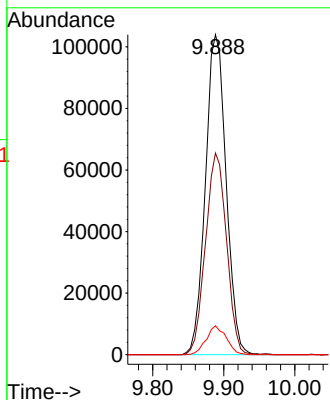
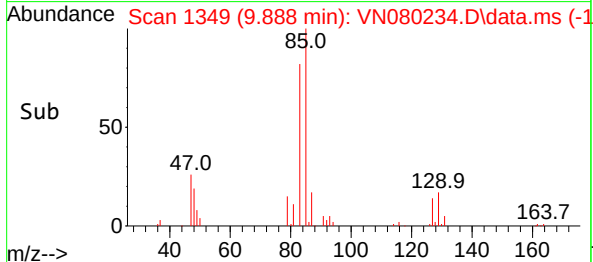
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



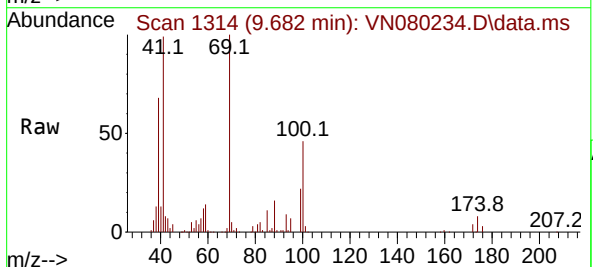
Tgt Ion: 83 Resp: 21044
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

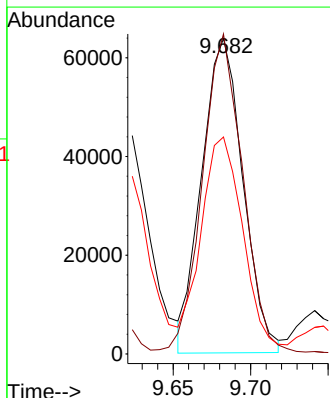
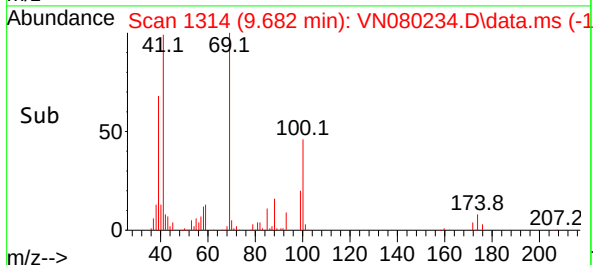
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

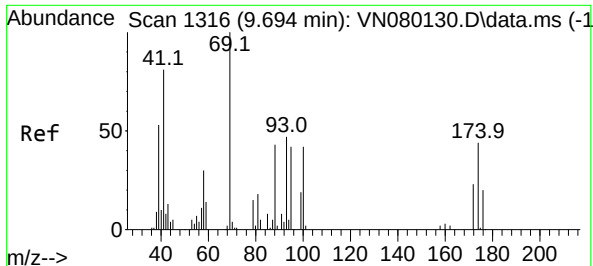


#48
Methyl methacrylate
Concen: 48.664 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion: 41 Resp: 117789
Ion Ratio Lower Upper
41 100
69 101.1 90.4 135.6
39 71.3 54.6 81.8





#49

1,4-Dioxane

Concen: 837.539 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 33725

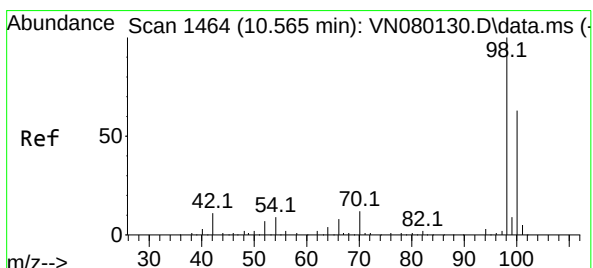
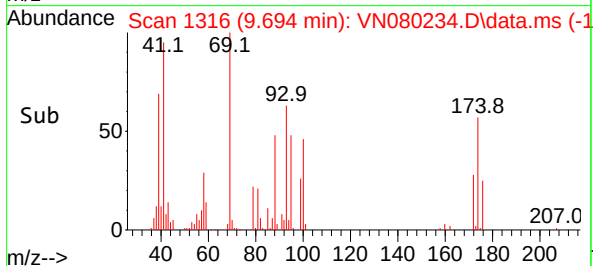
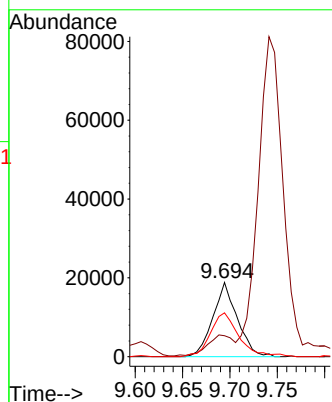
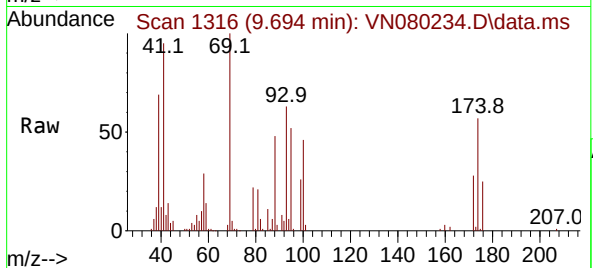
Ion	Ratio	Lower	Upper
88	100		
43	32.1	17.0	25.6
58	69.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#50

Toluene-d8

Concen: 51.889 ug/l

RT: 10.571 min Scan# 1465

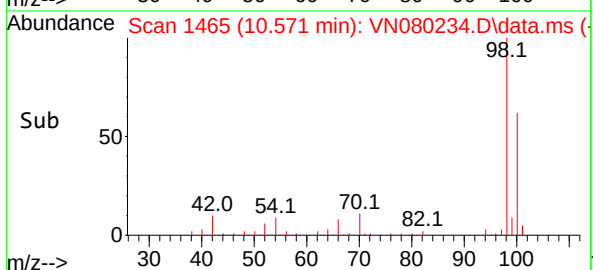
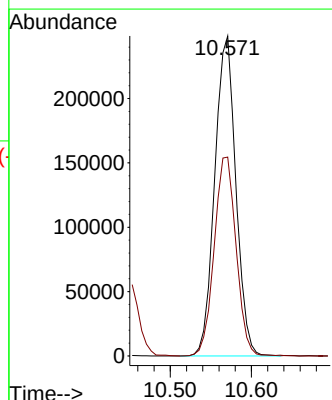
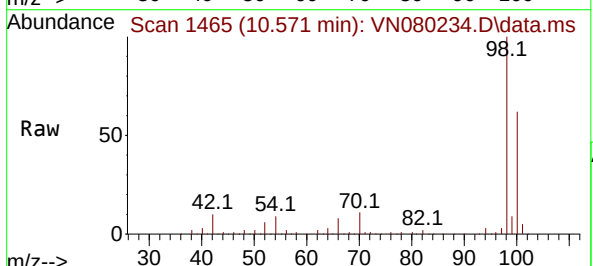
Delta R.T. 0.006 min

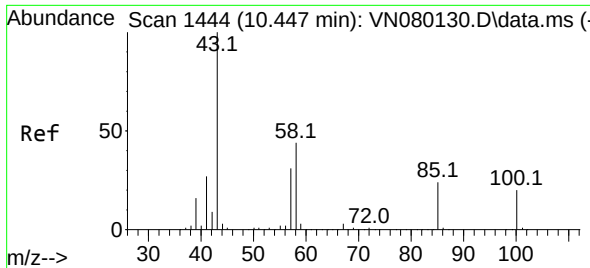
Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Tgt Ion: 98 Resp: 449547

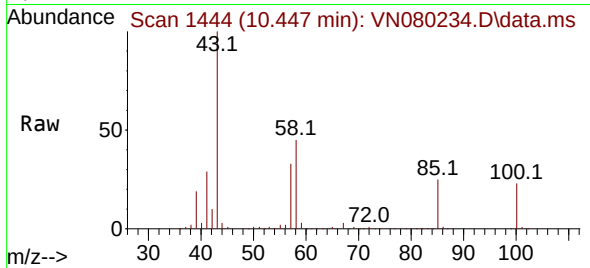
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 228.808 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

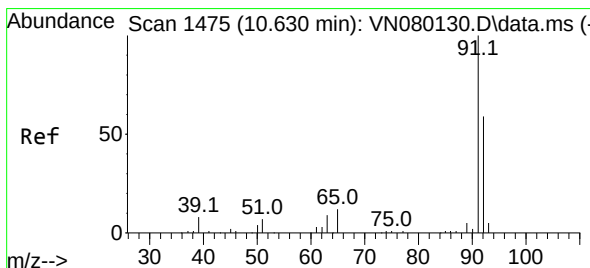
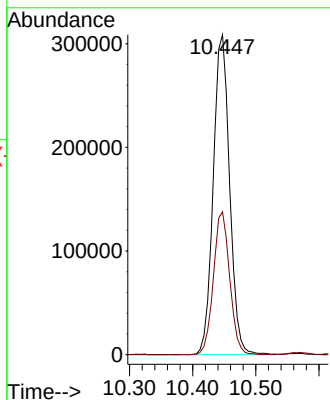
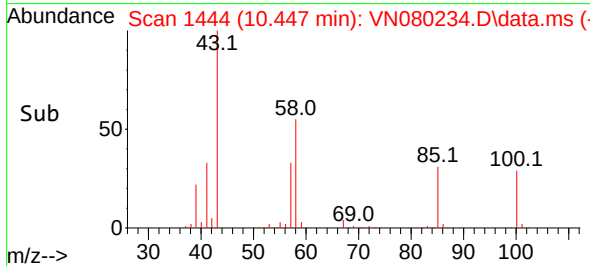
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 556379
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

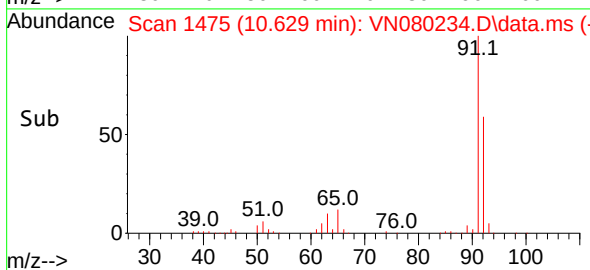
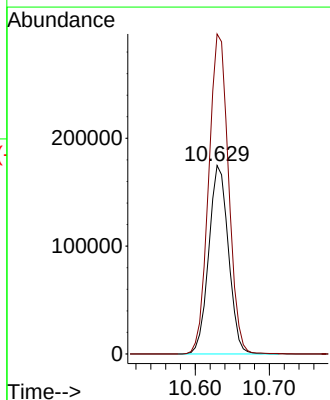
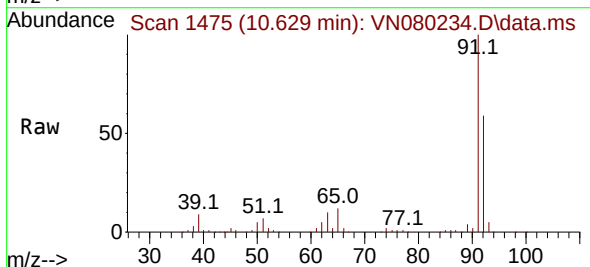
Manual Integrations
APPROVED

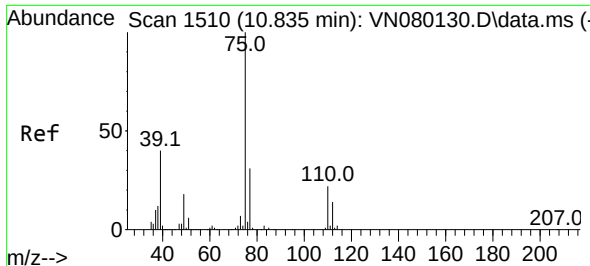
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 52.000 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion: 92 Resp: 321833
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0





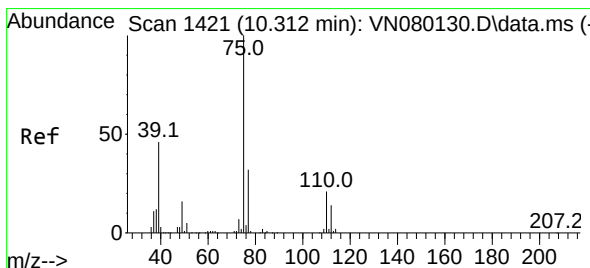
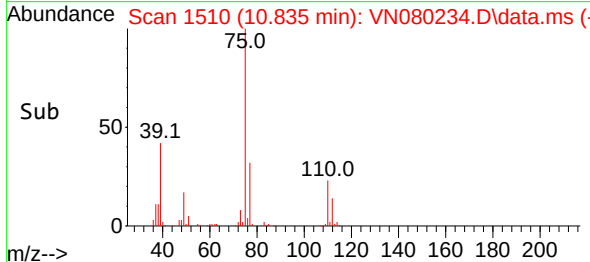
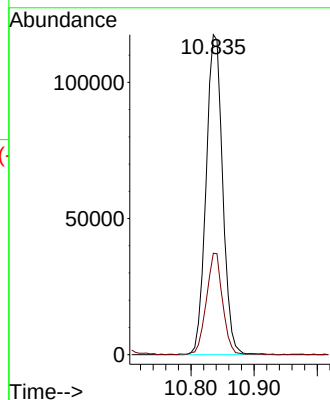
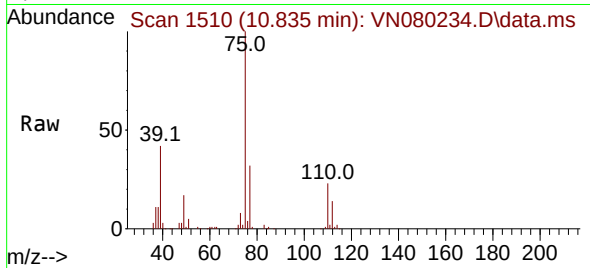
#53
t-1,3-Dichloropropene
Concen: 54.413 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21394
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

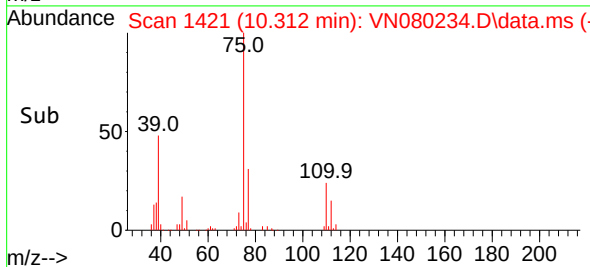
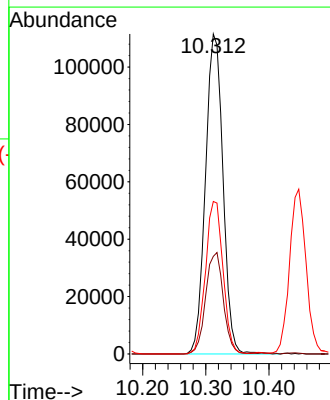
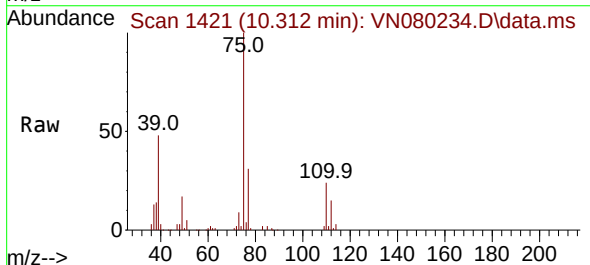
Manual Integrations
APPROVED

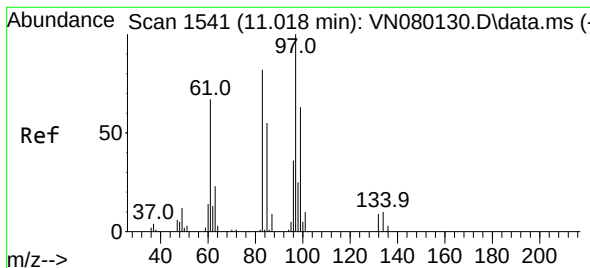
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#54
cis-1,3-Dichloropropene
Concen: 53.542 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

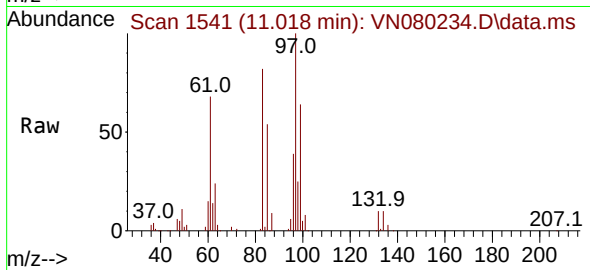
Tgt Ion: 75 Resp: 215072
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 47.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.274 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

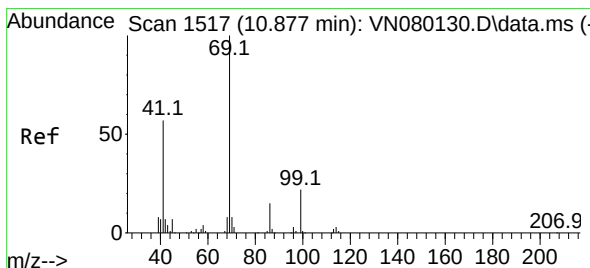
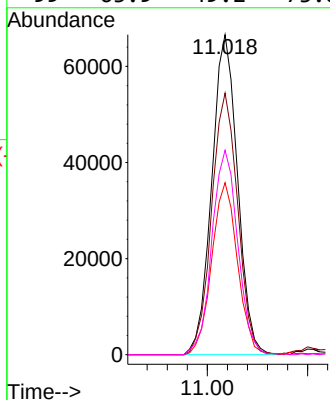
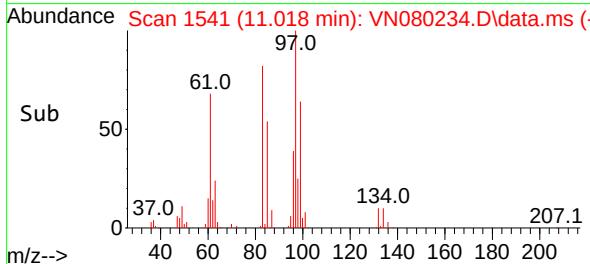
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



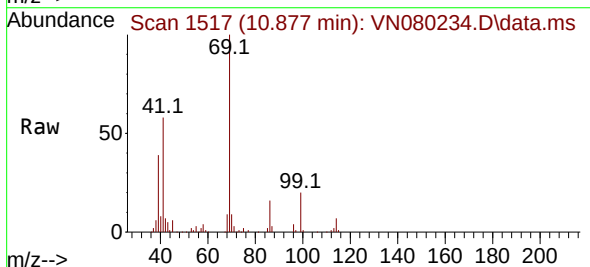
Tgt Ion:	97	Resp:	11875
Ion Ratio	100	Lower	Upper
97	100		
83	81.7	65.1	97.7
85	53.8	43.4	65.2
99	63.9	49.2	73.8

Manual Integrations
APPROVED

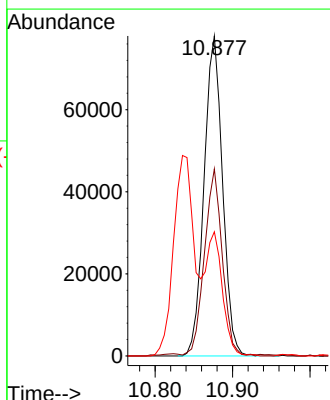
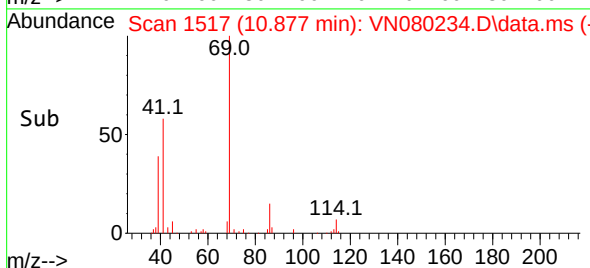
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

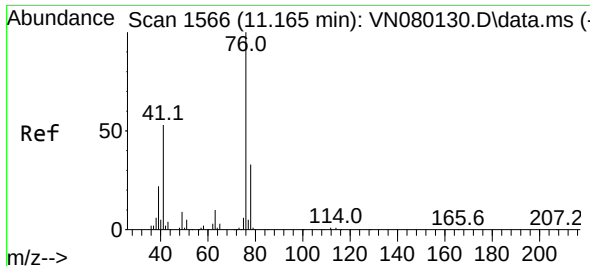


#56
Ethyl methacrylate
Concen: 53.573 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion:	69	Resp:	129281
Ion Ratio	100	Lower	Upper
69	100		
41	56.5	39.6	59.4
39	34.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.876 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 20982

Ion Ratio Lower Upper

76 100

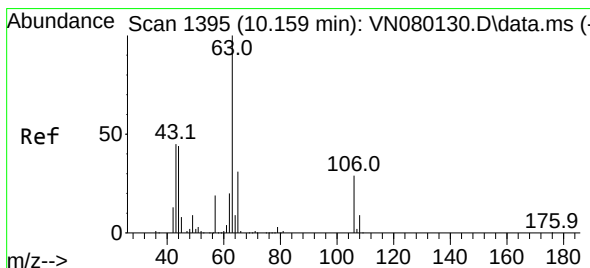
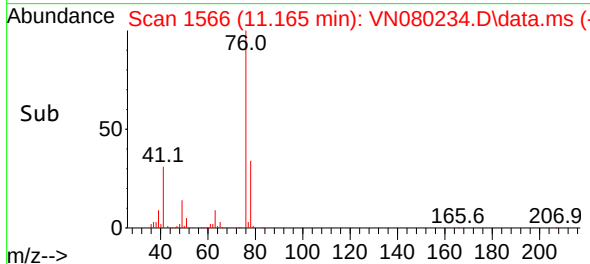
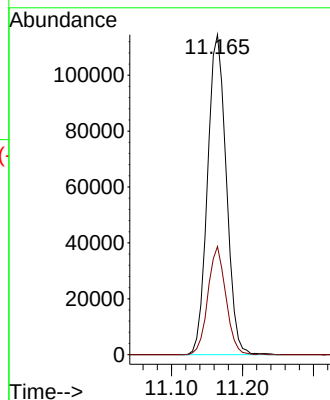
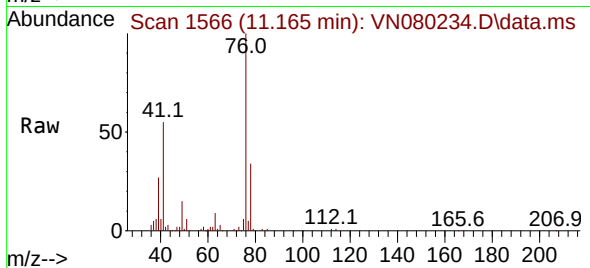
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 283.906 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080234.D

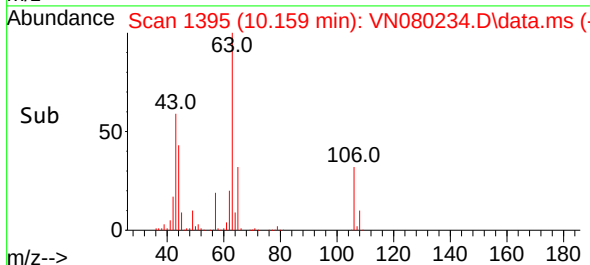
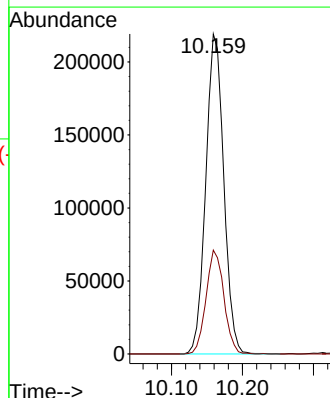
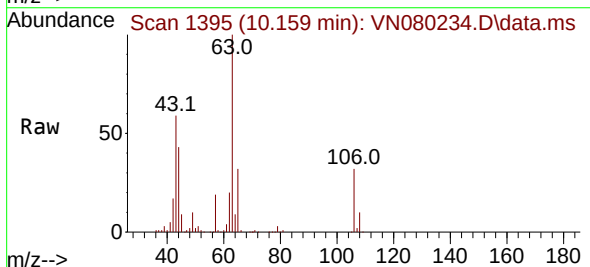
Acq: 21 Nov 2023 16:40

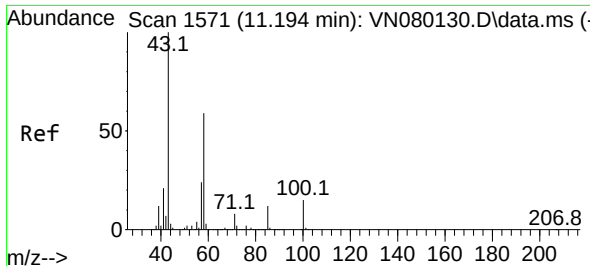
Tgt Ion: 63 Resp: 385972

Ion Ratio Lower Upper

63 100

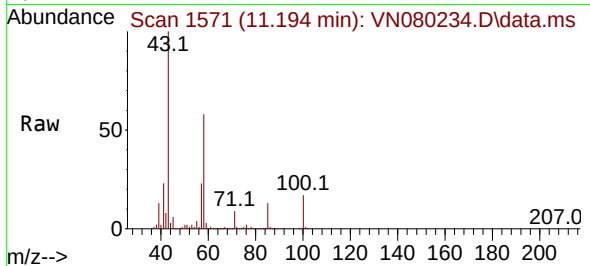
106 32.2 26.2 39.4





#59
2-Hexanone
Concen: 219.136 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

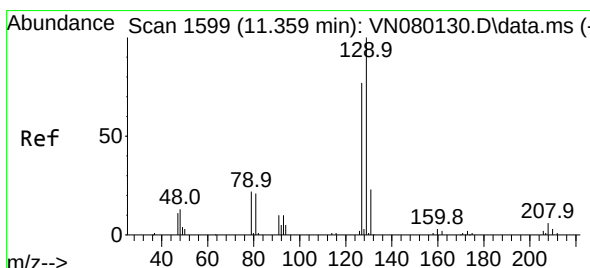
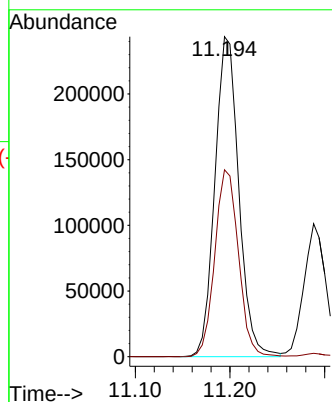
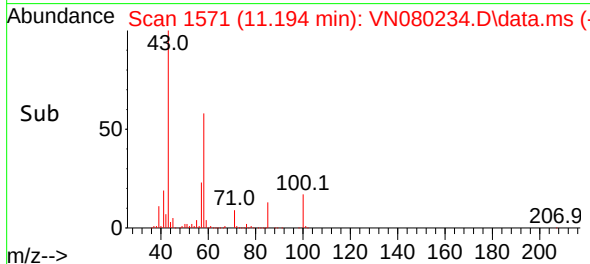
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42818
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

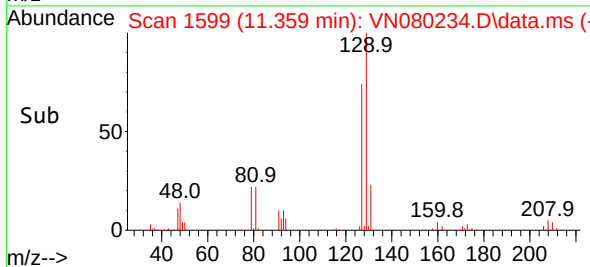
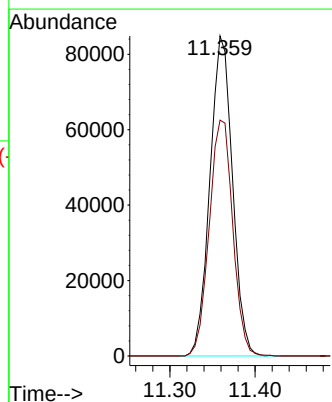
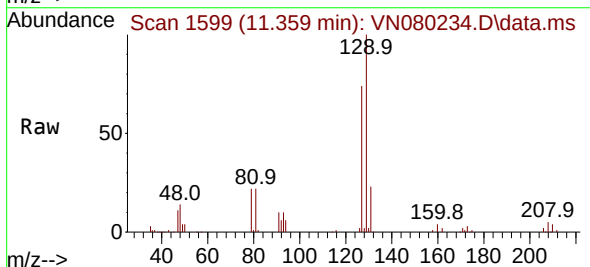
Manual Integrations
APPROVED

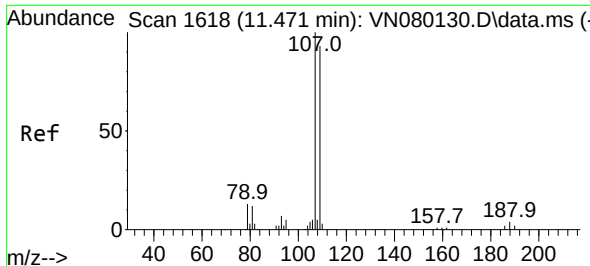
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 55.179 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion:129 Resp: 156047
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





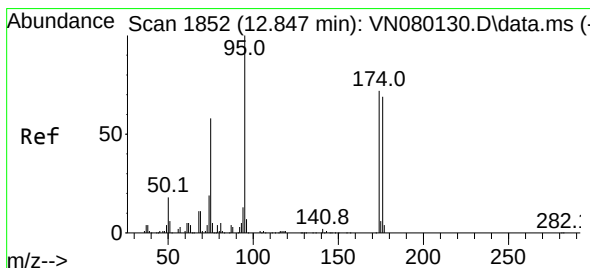
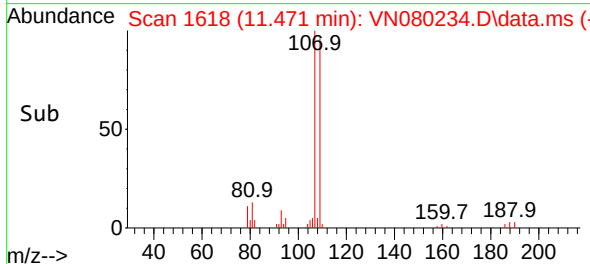
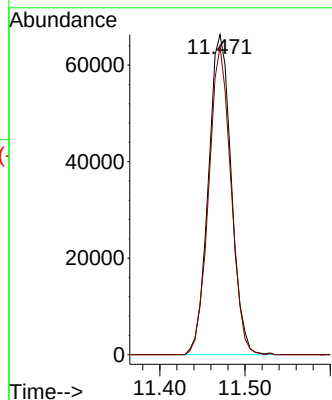
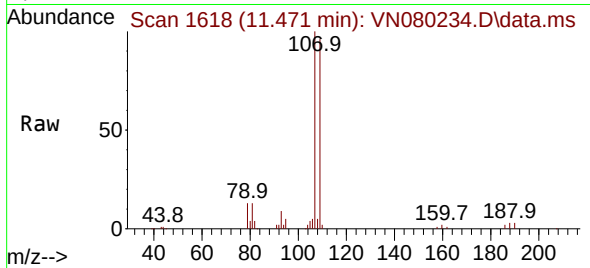
#61
1,2-Dibromoethane
Concen: 51.241 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 12348
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

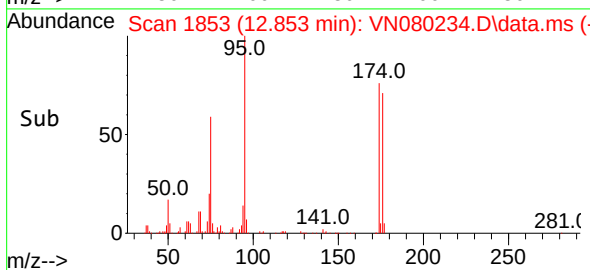
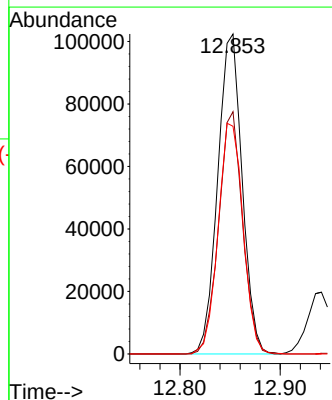
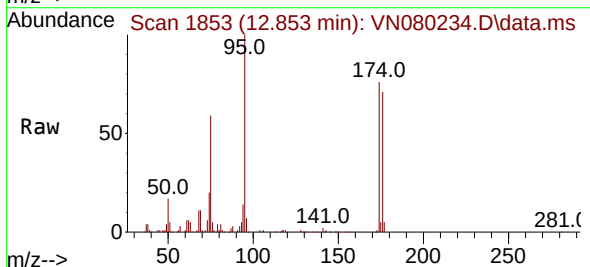
Manual Integrations
APPROVED

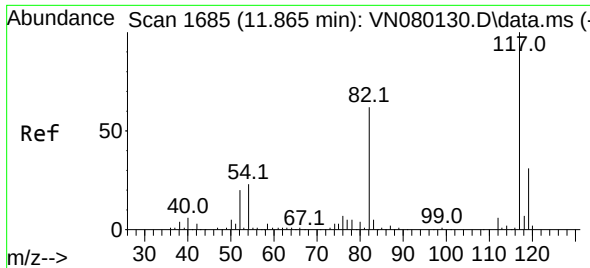
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

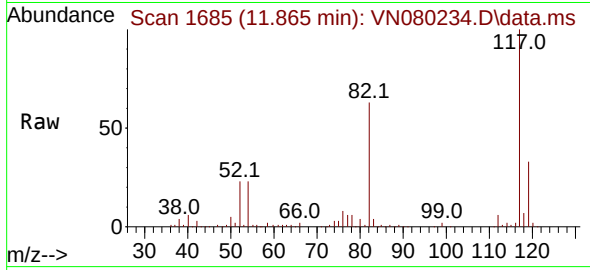
Tgt Ion: 95 Resp: 173442
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

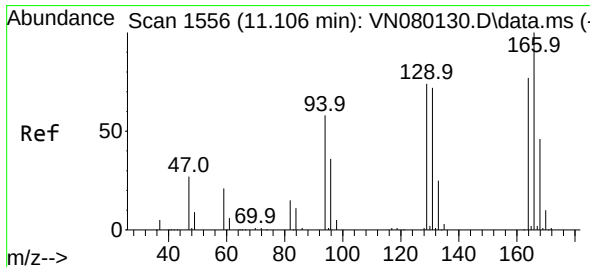
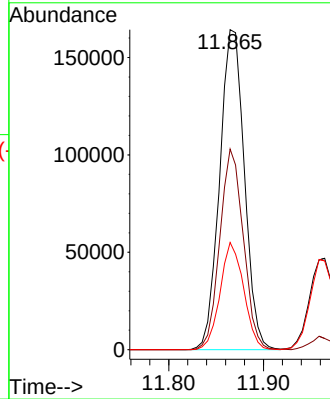
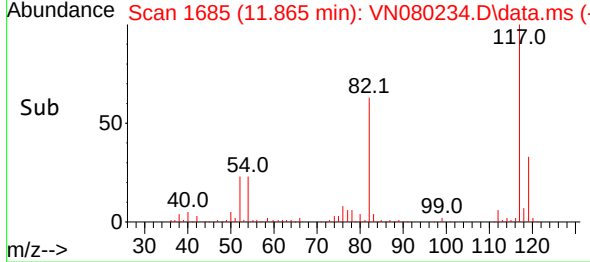
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



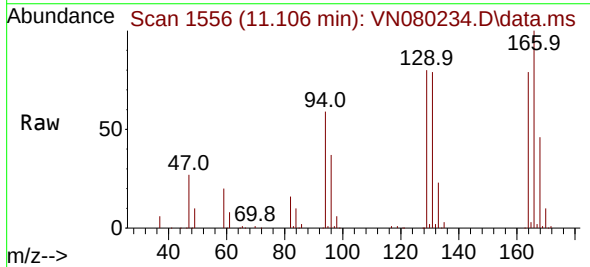
Tgt Ion:117 Resp: 298398
Ion Ratio Lower Upper
117 100
82 62.7 44.0 66.0
119 33.5 25.6 38.4

Manual Integrations
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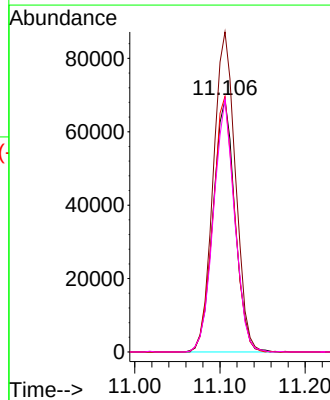
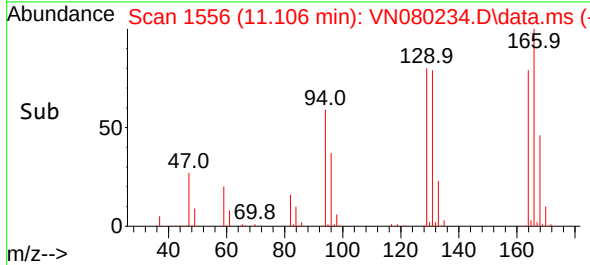
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

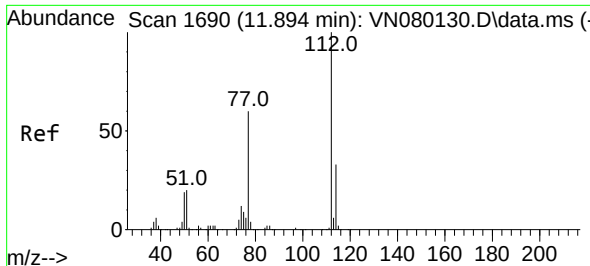


#64
Tetrachloroethene
Concen: 53.966 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion:164 Resp: 122894
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 101.3 82.4 123.6
131 100.1 78.2 117.4





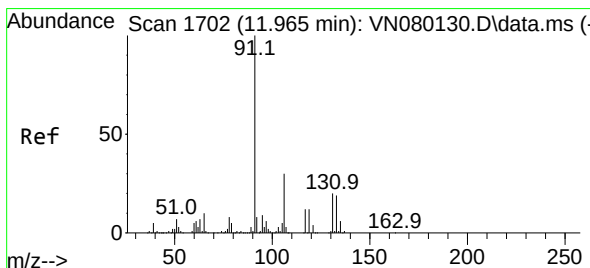
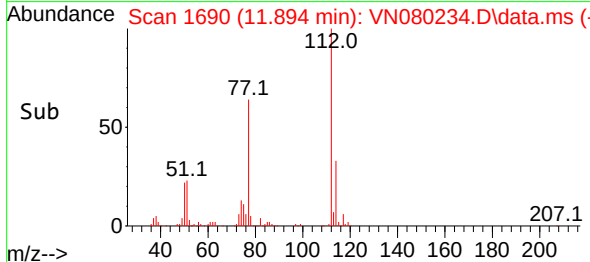
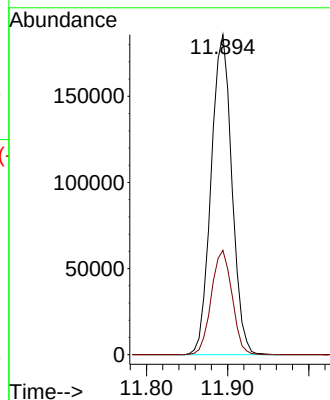
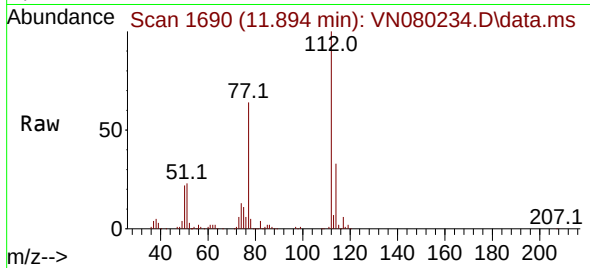
#65
Chlorobenzene
Concen: 48.816 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 330072
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

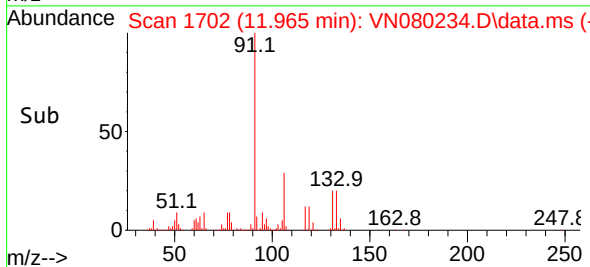
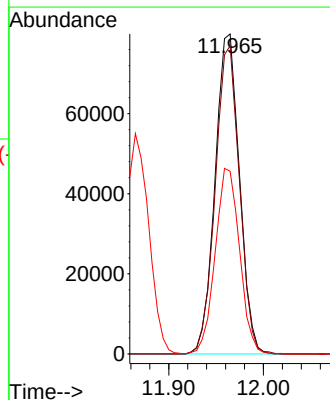
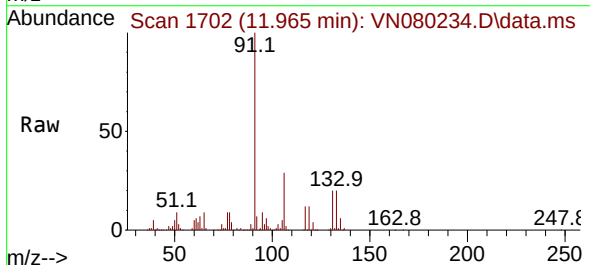
Manual Integrations
APPROVED

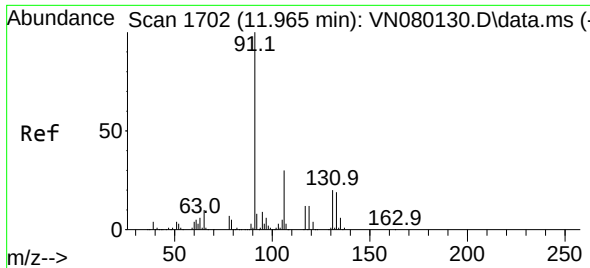
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.486 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

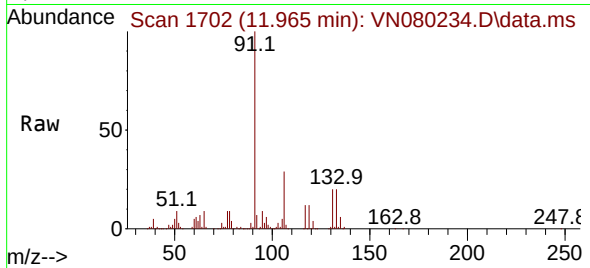
Tgt Ion:131 Resp: 142965
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 58.0 34.1 102.2





#67
Ethyl Benzene
Concen: 53.291 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

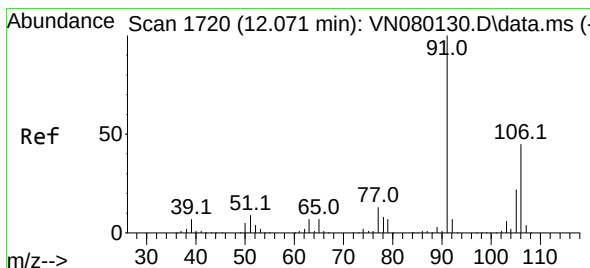
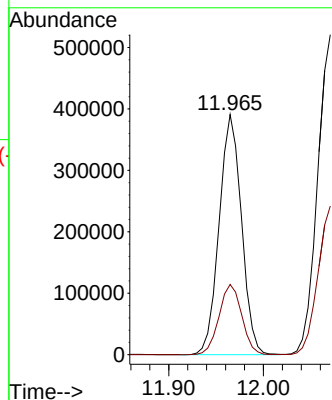
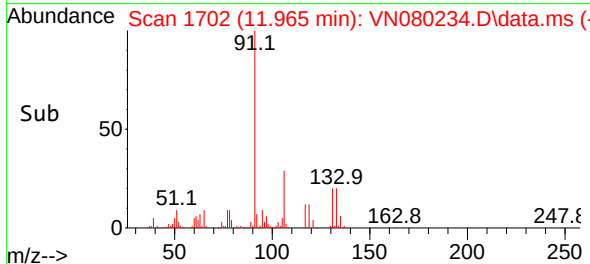
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 641170
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

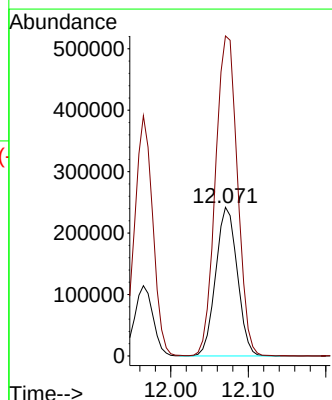
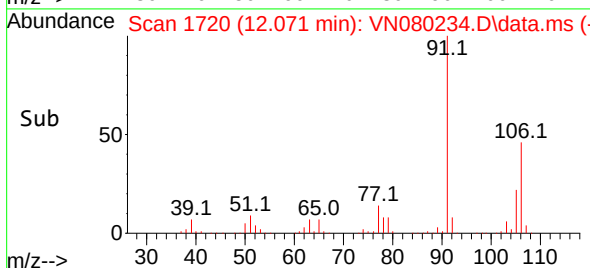
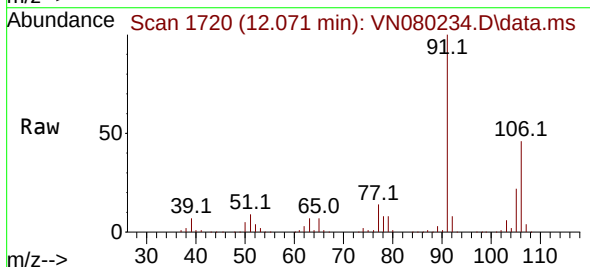
Manual Integrations
APPROVED

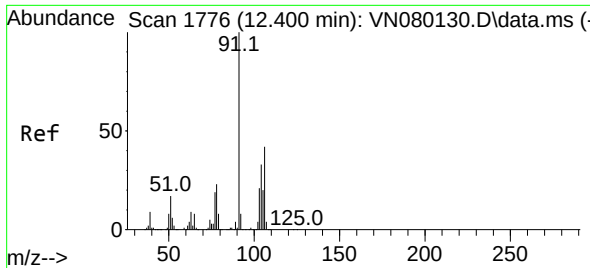
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#68
m/p-Xylenes
Concen: 106.767 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

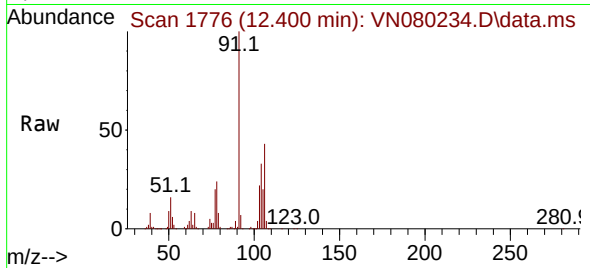
Tgt Ion:106 Resp: 468369
Ion Ratio Lower Upper
106 100
91 220.0 159.6 239.4





#69
o-Xylene
Concen: 54.167 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

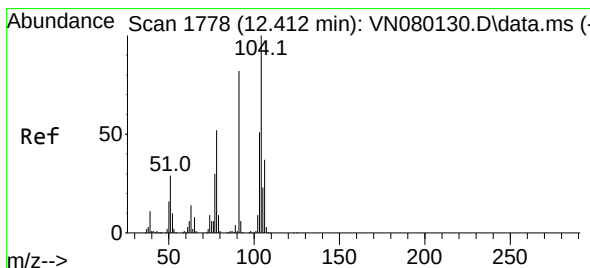
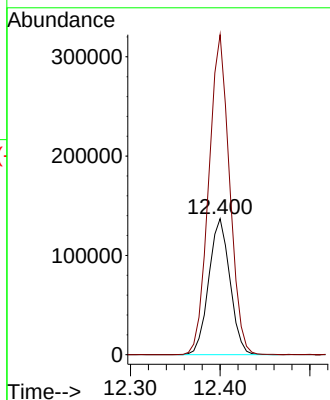
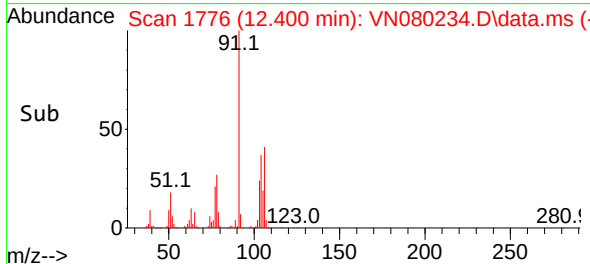
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 223940
Ion Ratio Lower Upper
106 100
91 232.2 105.2 315.5

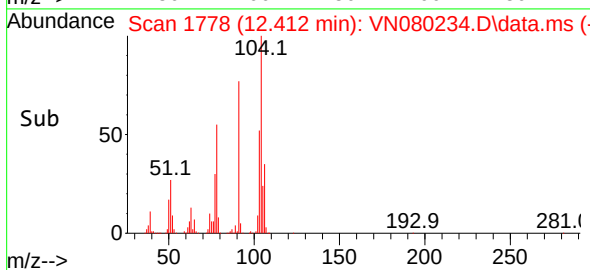
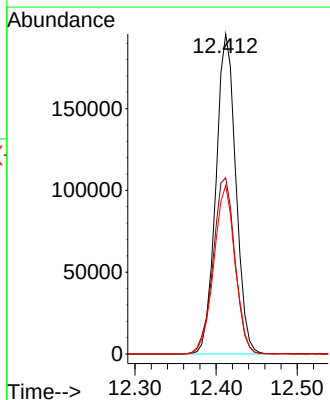
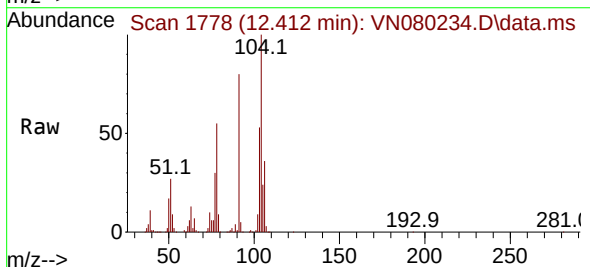
Manual Integrations
APPROVED

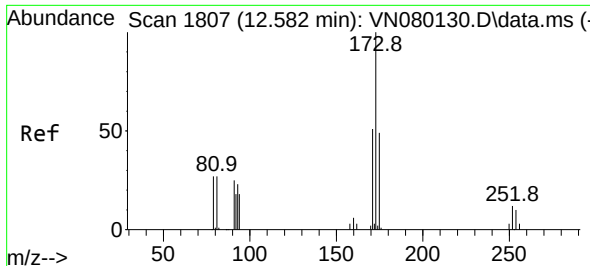
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 54.201 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

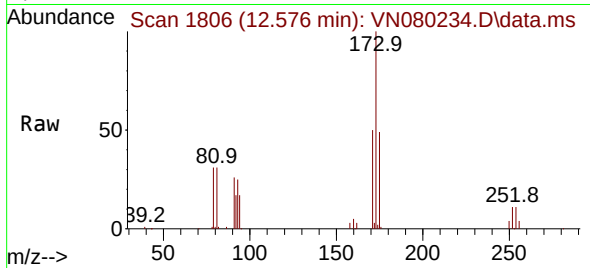
Tgt Ion:104 Resp: 333518
Ion Ratio Lower Upper
104 100
78 60.2 39.5 59.3#
103 56.1 43.2 64.8





#71
Bromoform
Concen: 53.319 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

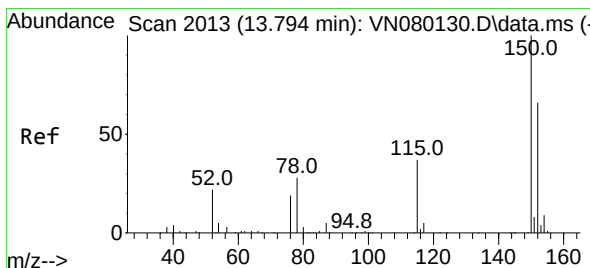
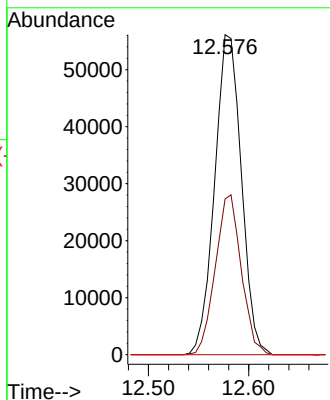
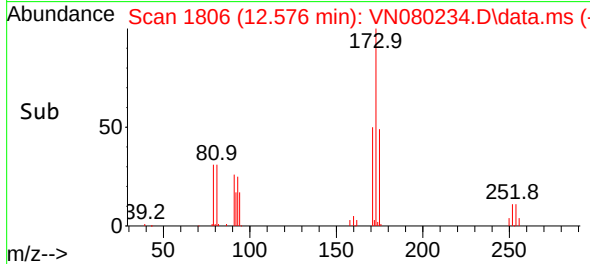
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 103750
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

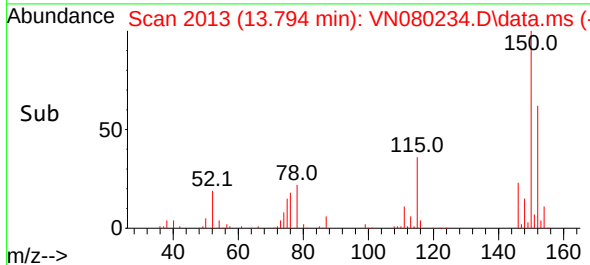
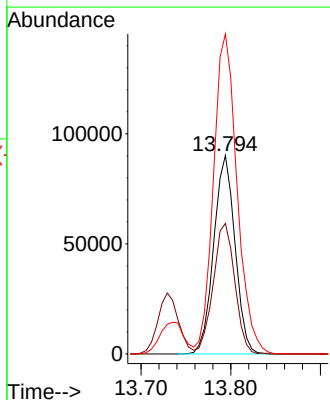
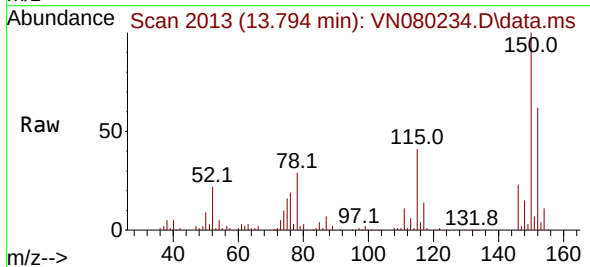
Manual Integrations
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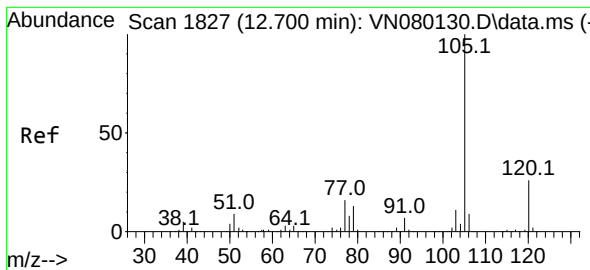
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion:152 Resp: 148562
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 178.6 0.0 355.8





#73

Isopropylbenzene

Concen: 52.475 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 605790

Ion Ratio Lower Upper

105 100

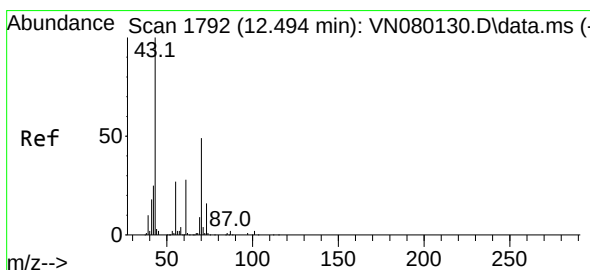
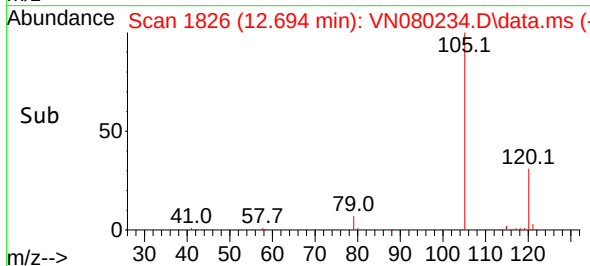
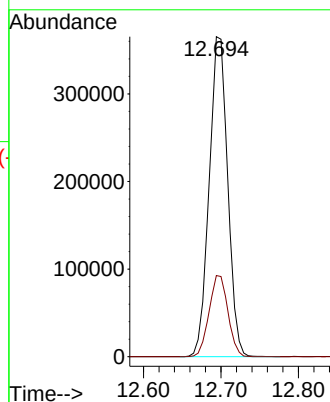
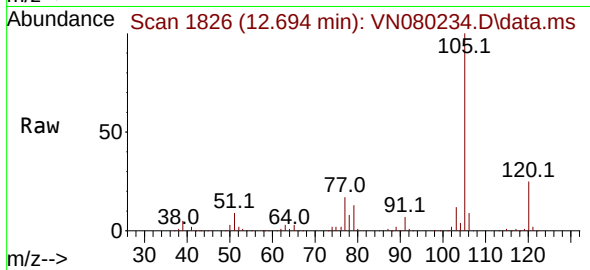
120 25.8 13.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#74

N-ethyl acetate

Concen: 45.367 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080234.D

Acq: 21 Nov 2023 16:40

Tgt Ion: 43 Resp: 163323

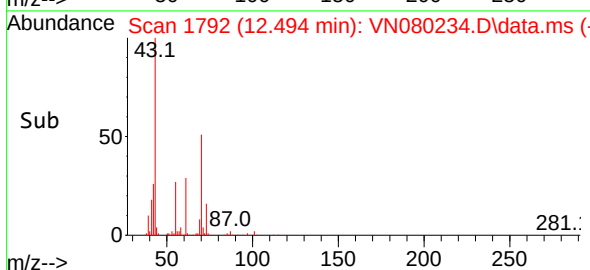
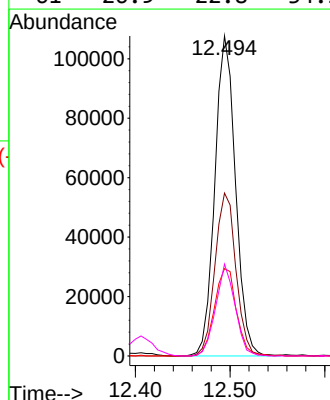
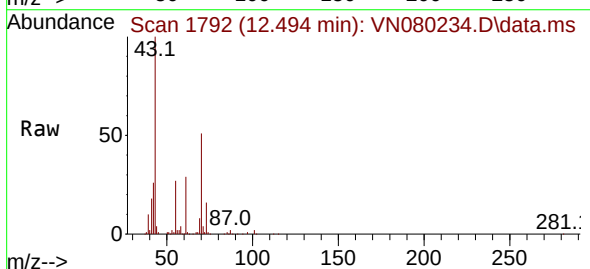
Ion Ratio Lower Upper

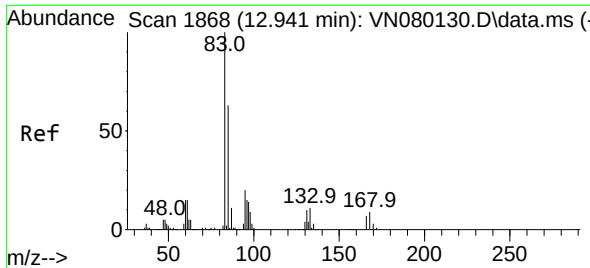
43 100

70 51.7 43.4 65.2

55 29.1 21.4 32.0

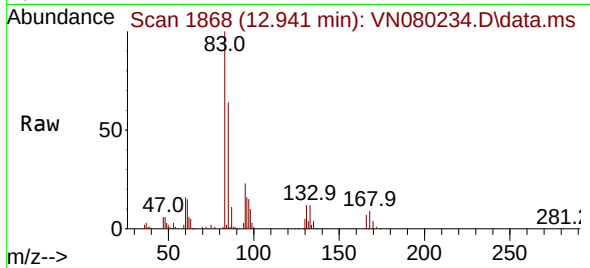
61 26.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.748 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

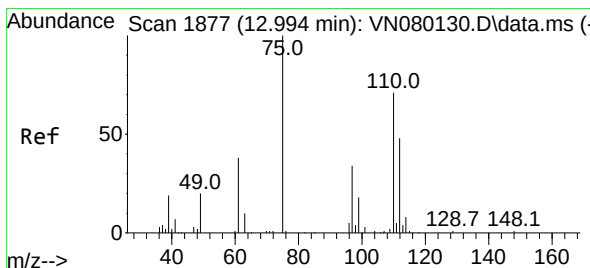
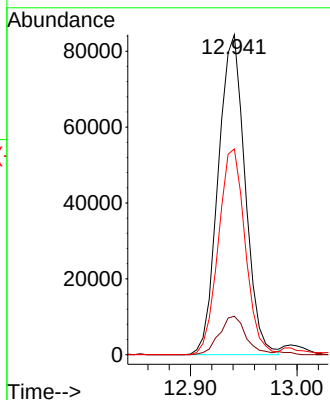
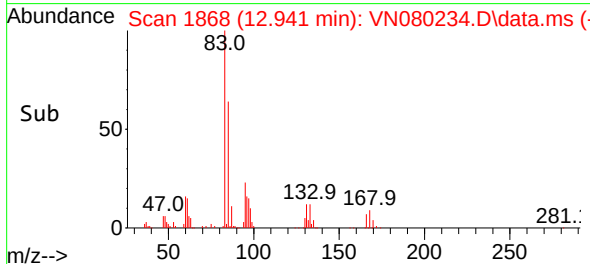
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



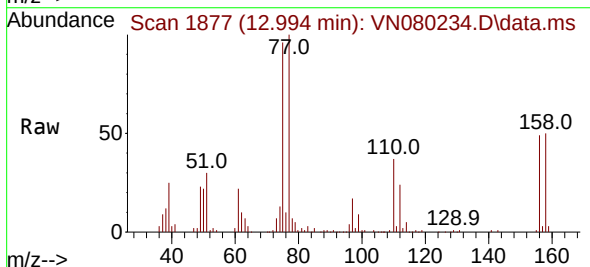
Tgt Ion: 83 Resp: 14770
Ion Ratio Lower Upper
83 100
131 12.4 5.0 15.0
85 64.2 31.9 95.7

Manual Integrations
APPROVED

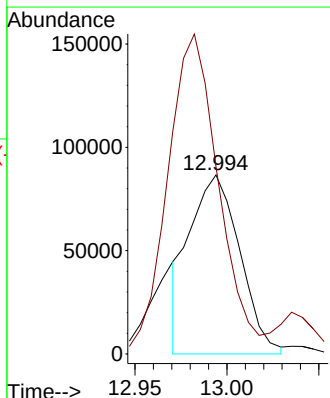
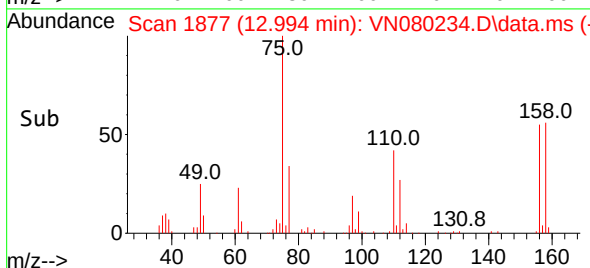
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

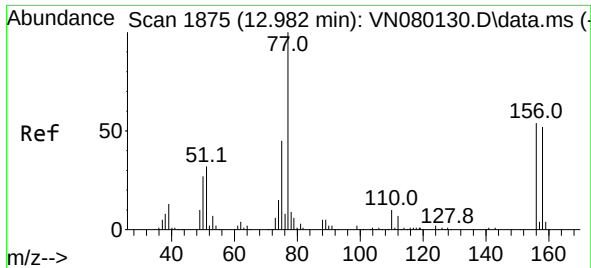


#76
1,2,3-Trichloropropane
Concen: 45.169 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



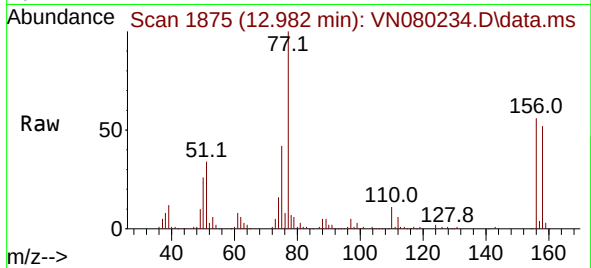
Tgt Ion: 75 Resp: 164417
Ion Ratio Lower Upper
75 100
77 181.3 84.5 253.5





#77
Bromobenzene
Concen: 50.465 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

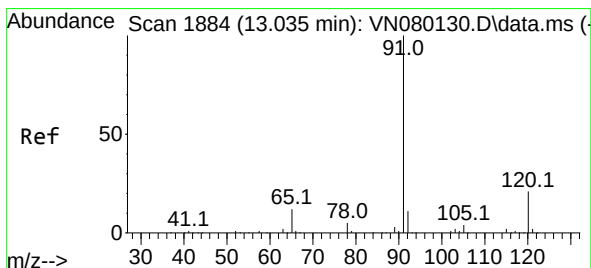
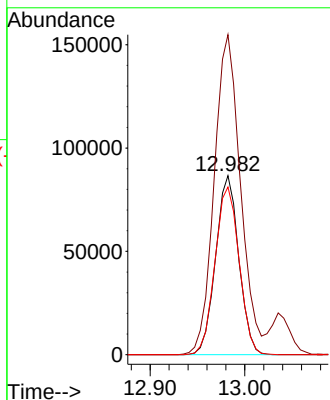
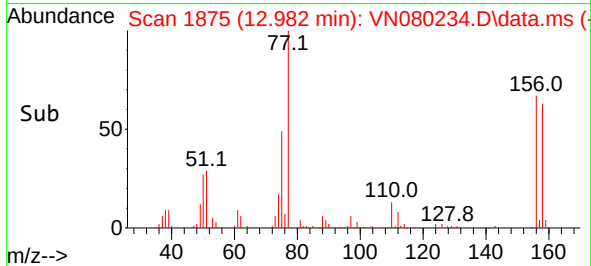
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



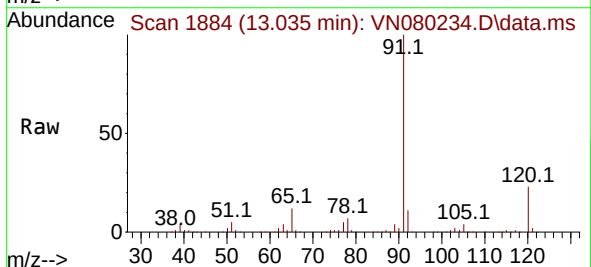
Tgt Ion:156 Resp: 14688
Ion Ratio Lower Upper
156 100
77 203.0 107.7 323.3
158 97.9 48.4 145.3

Manual Integrations
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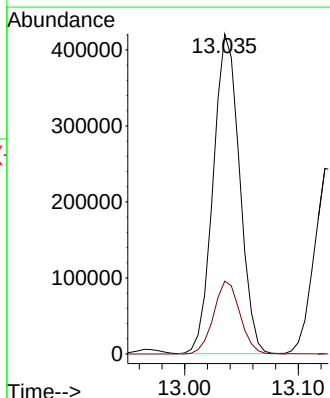
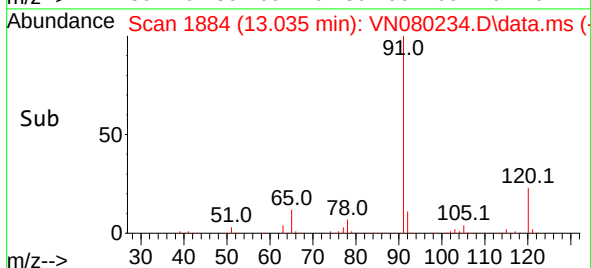
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

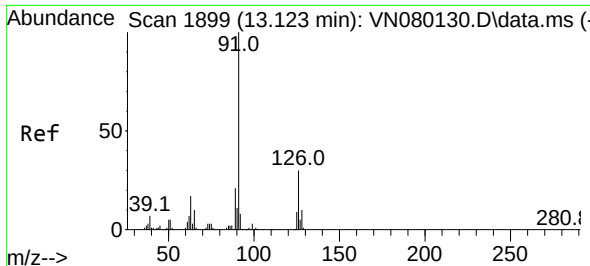


#78
n-propylbenzene
Concen: 52.471 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion: 91 Resp: 677359
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





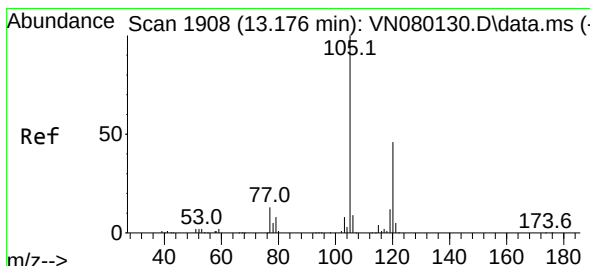
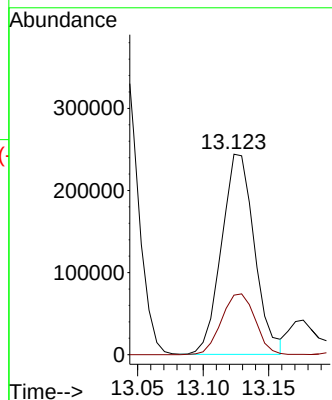
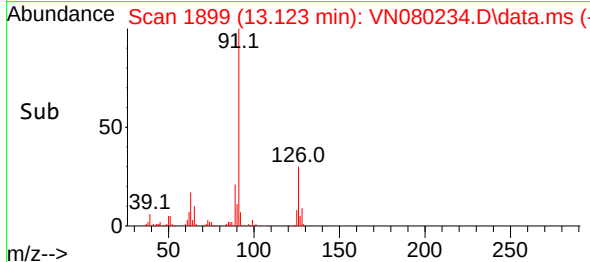
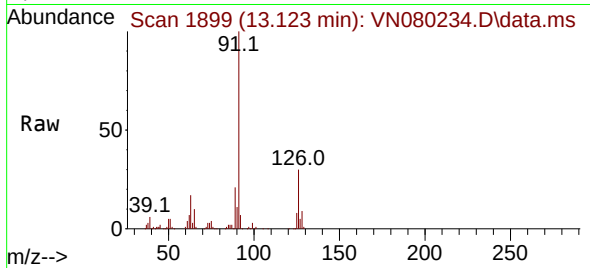
#79
2-Chlorotoluene
Concen: 50.893 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 426712
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

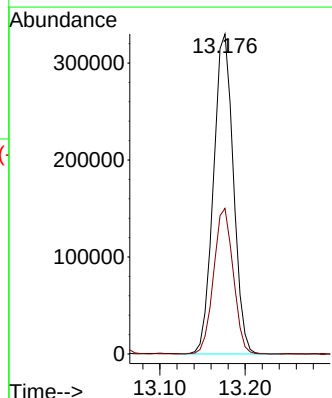
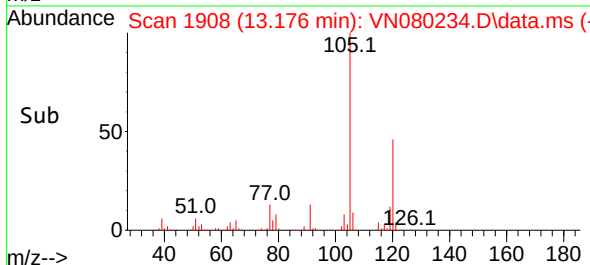
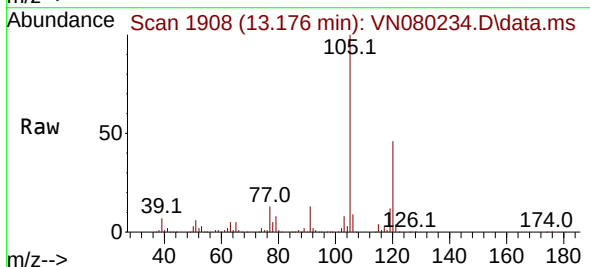
Manual Integrations
APPROVED

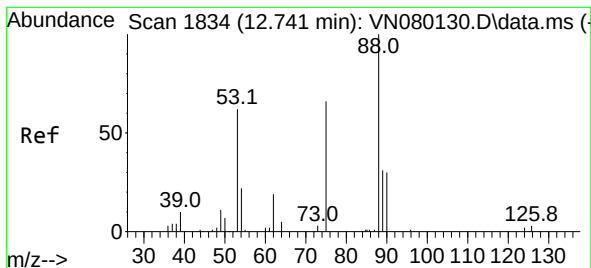
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.355 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

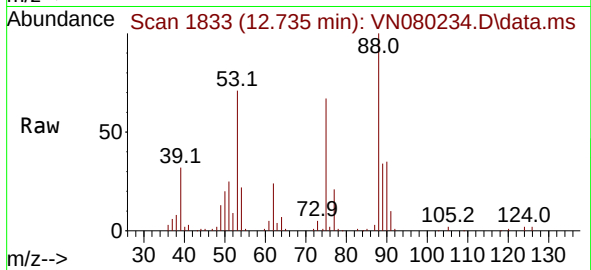
Tgt Ion:105 Resp: 536181
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.256 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

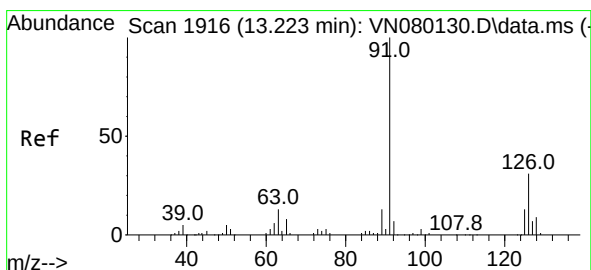
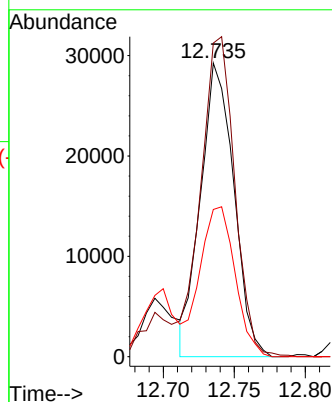
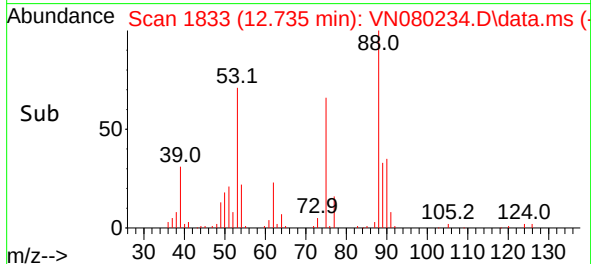
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4768
Ion Ratio Lower Upper
75 100
53 112.4 67.4 101.2
89 54.3 38.8 58.2

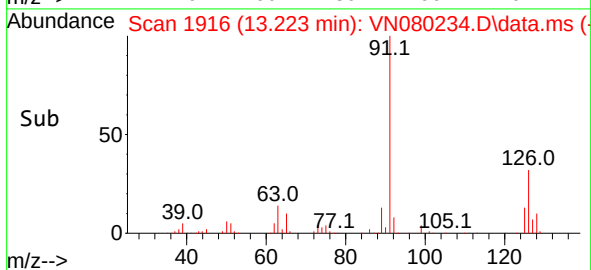
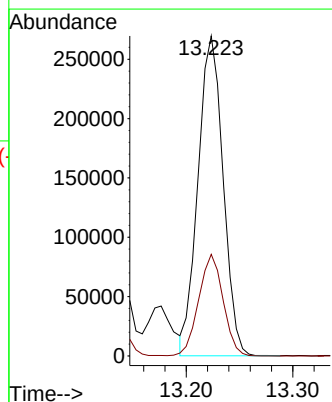
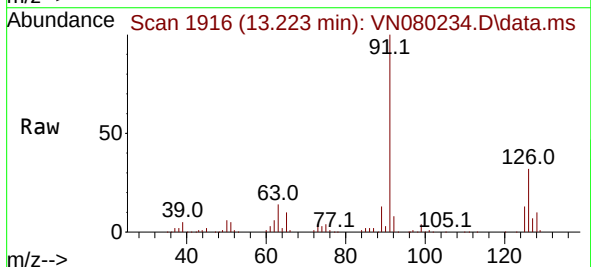
Manual Integrations
APPROVED

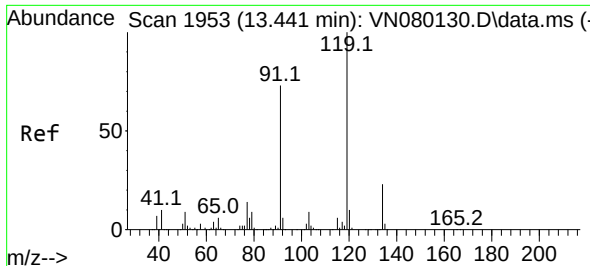
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#82
4-Chlorotoluene
Concen: 51.423 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

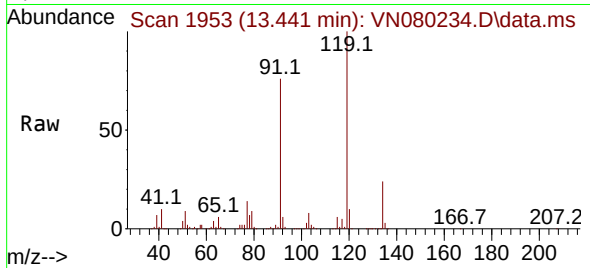
Tgt Ion: 91 Resp: 441698
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 53.255 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

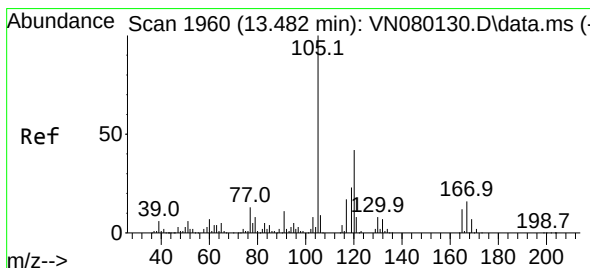
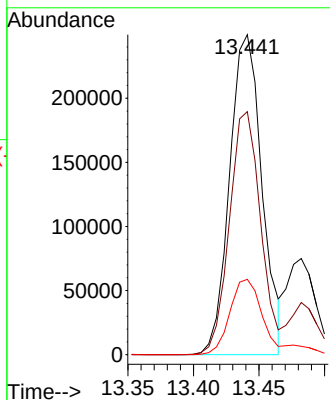
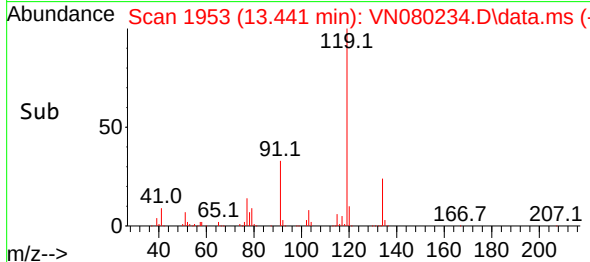
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 42917
Ion Ratio Lower Upper
119 100
91 73.2 33.9 101.7
134 25.5 13.2 39.6

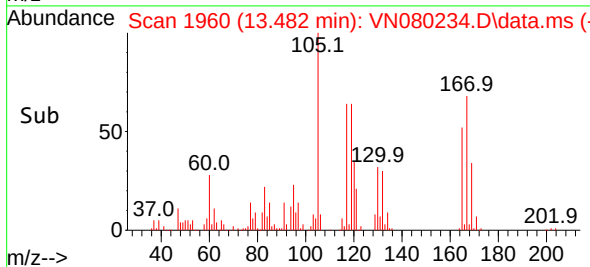
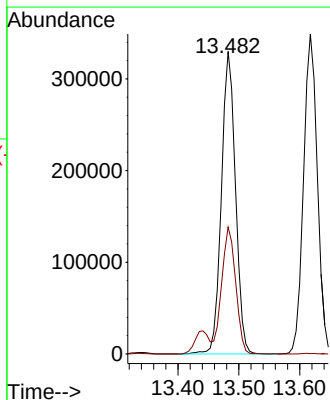
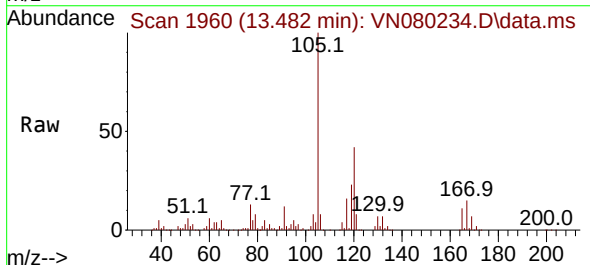
Manual Integrations
APPROVED

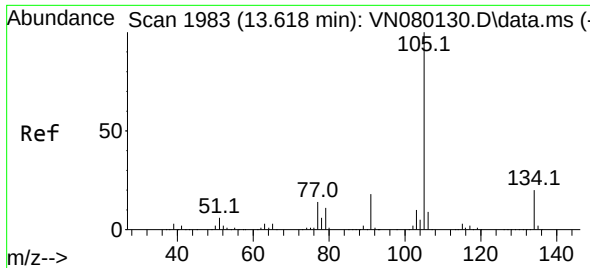
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.533 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion:105 Resp: 529724
Ion Ratio Lower Upper
105 100
120 42.1 22.0 66.0





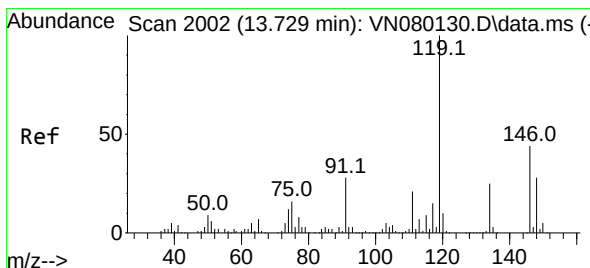
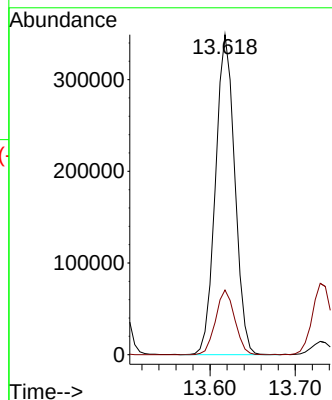
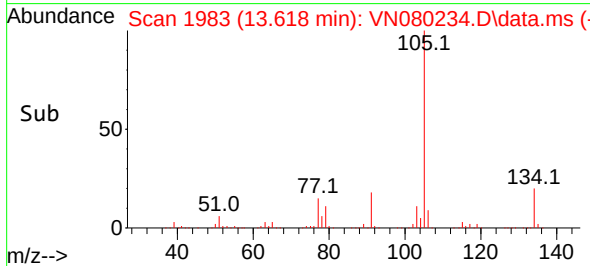
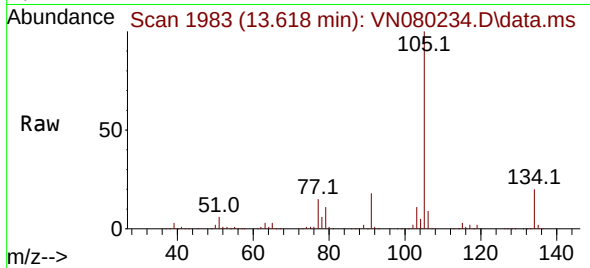
#85
 sec-Butylbenzene
 Concen: 53.838 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 548860
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

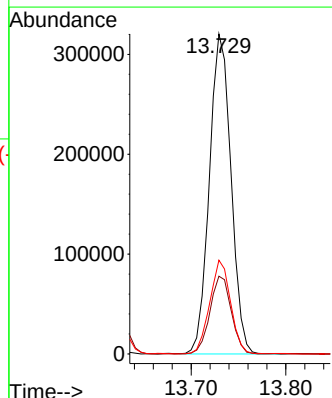
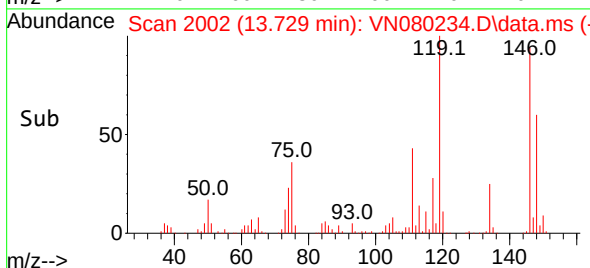
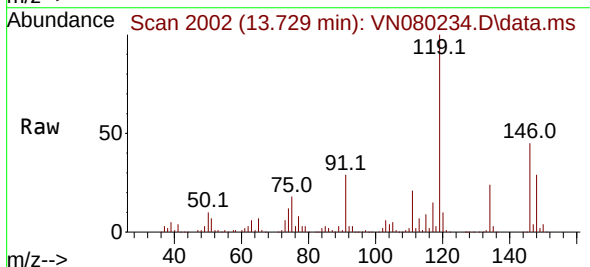
Manual Integrations
 APPROVED

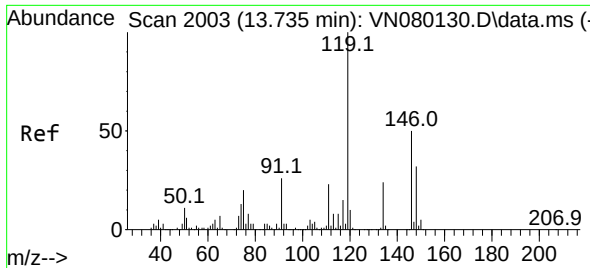
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#86
 p-Isopropyltoluene
 Concen: 55.757 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080234.D
 Acq: 21 Nov 2023 16:40

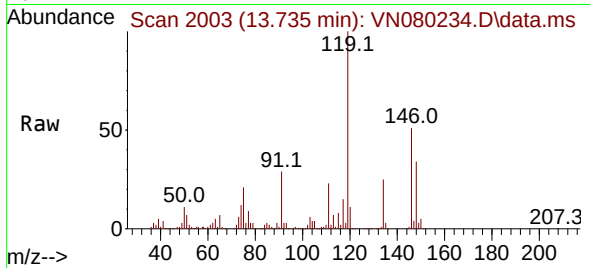
Tgt Ion:119 Resp: 507772
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 28.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.903 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

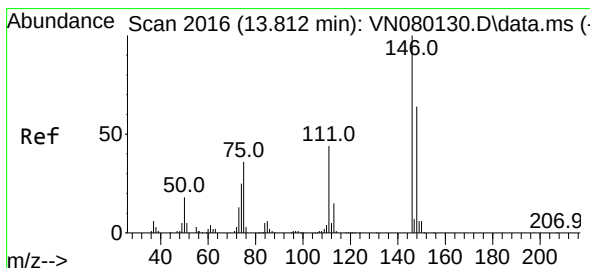
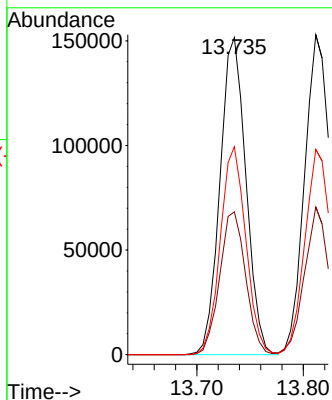
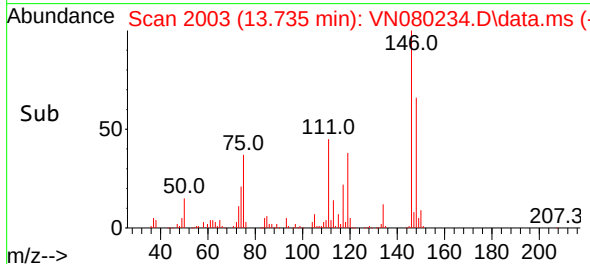
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



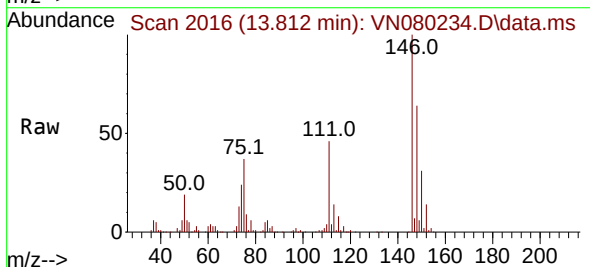
Tgt Ion:146 Resp: 25644
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations
APPROVED

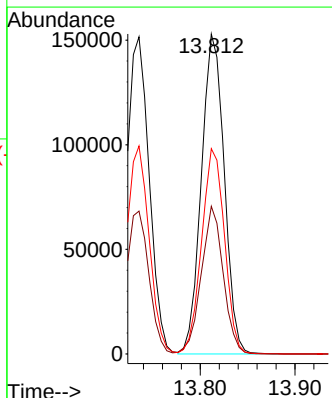
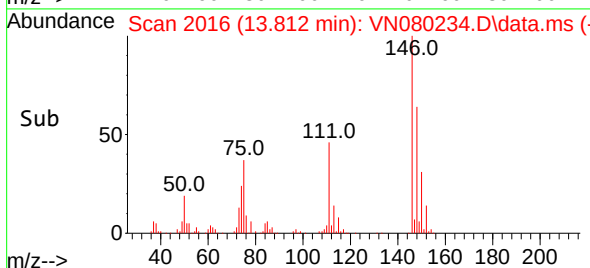
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

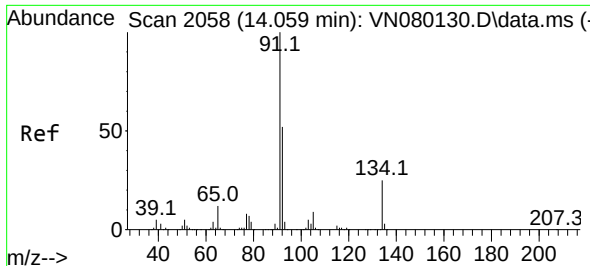


#88
1,4-Dichlorobenzene
Concen: 48.697 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion:146 Resp: 256628
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.8
148 64.3 31.6 94.8





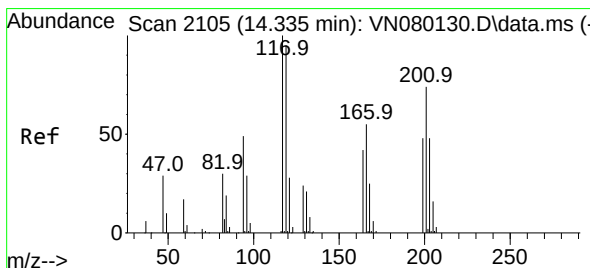
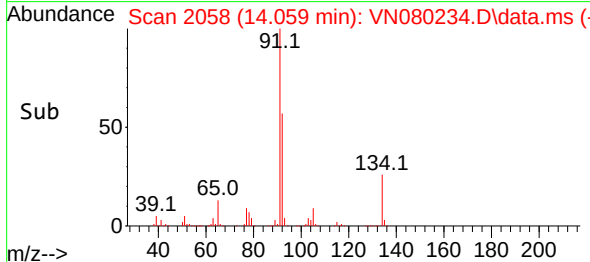
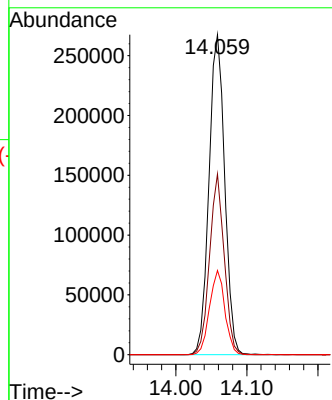
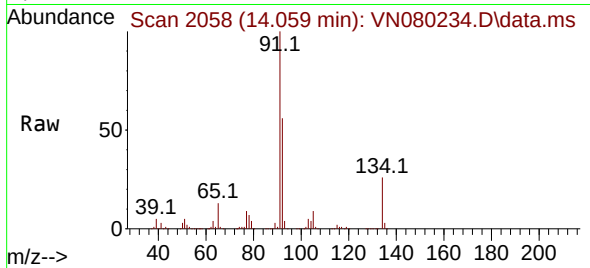
#89
n-Butylbenzene
Concen: 54.000 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 411610
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.7 12.6 37.6

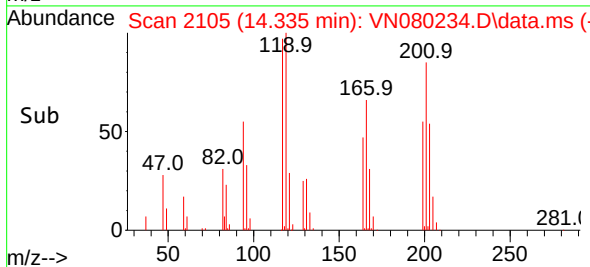
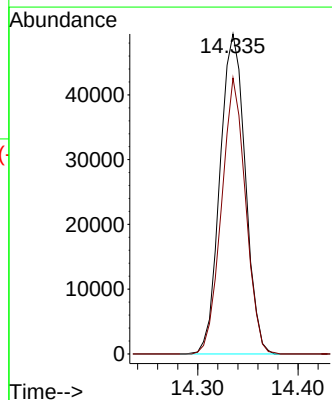
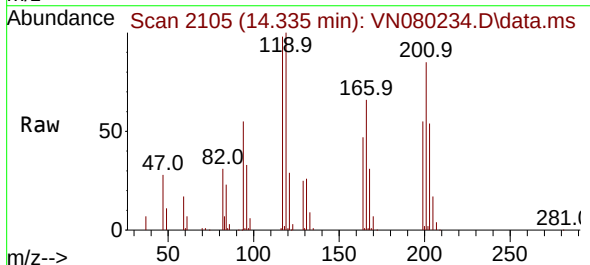
Manual Integrations
APPROVED

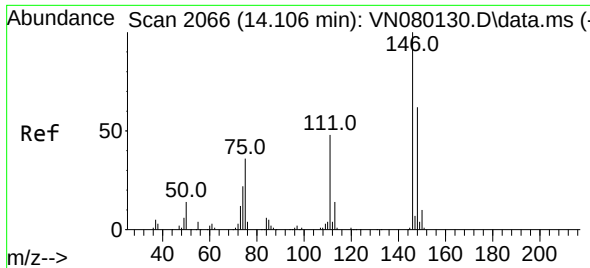
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#90
Hexachloroethane
Concen: 48.791 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Tgt Ion:117 Resp: 86624
Ion Ratio Lower Upper
117 100
201 81.9 29.3 88.0





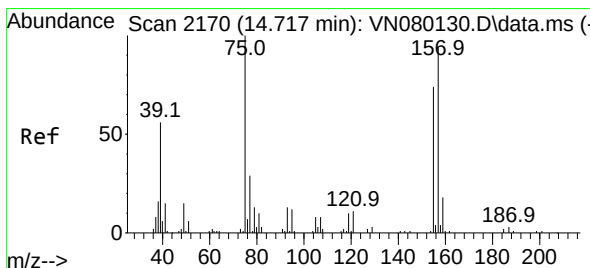
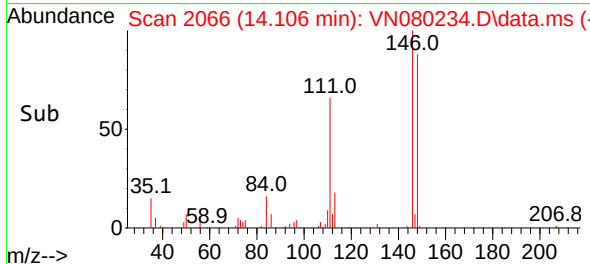
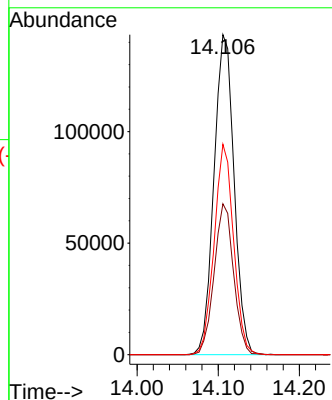
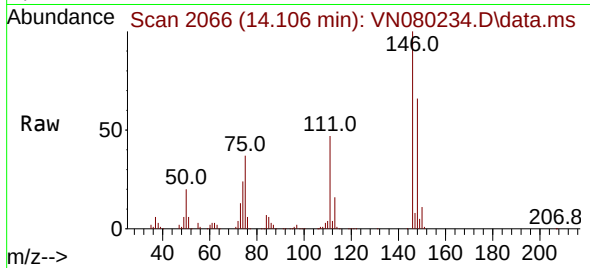
#91
1,2-Dichlorobenzene
Concen: 49.219 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 246984
Ion Ratio Lower Upper
146 100
111 45.6 22.0 66.0
148 63.5 31.8 95.3

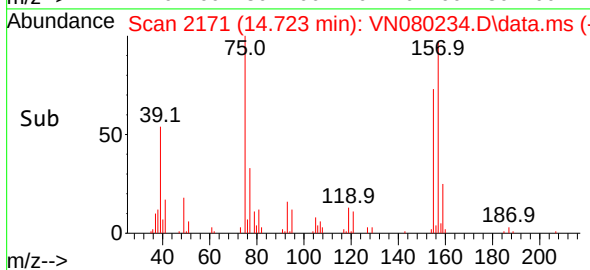
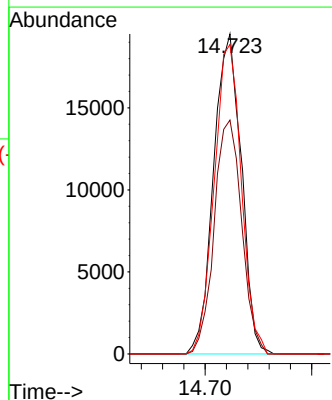
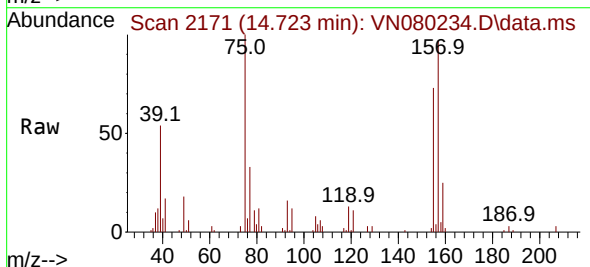
Manual Integrations
APPROVED

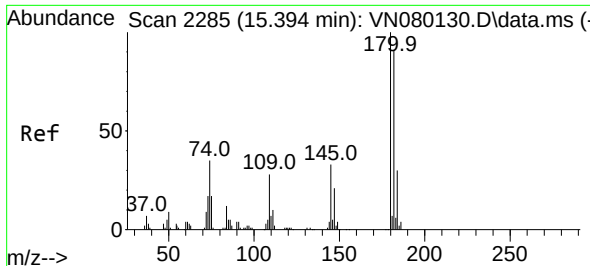
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.775 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

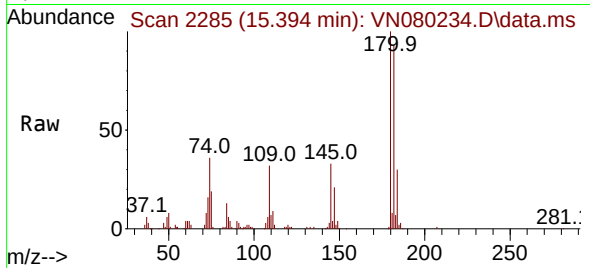
Tgt Ion: 75 Resp: 35132
Ion Ratio Lower Upper
75 100
155 72.8 39.1 117.2
157 95.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.233 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

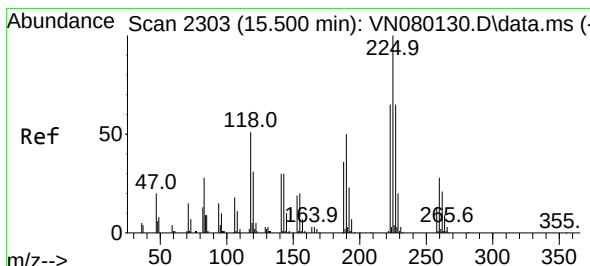
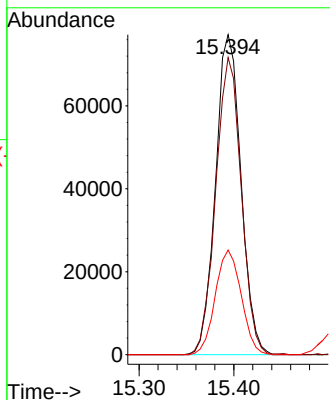
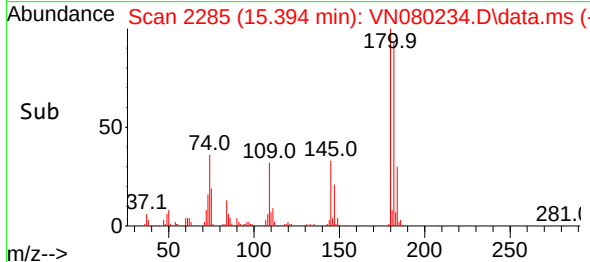
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



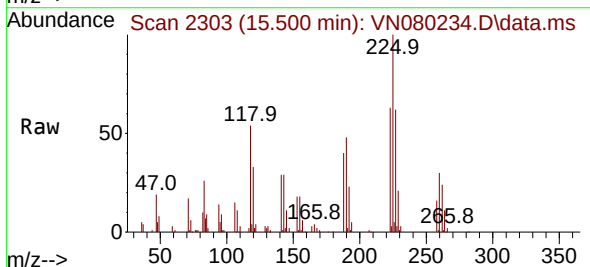
Tgt Ion:180 Resp: 143690
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
APPROVED

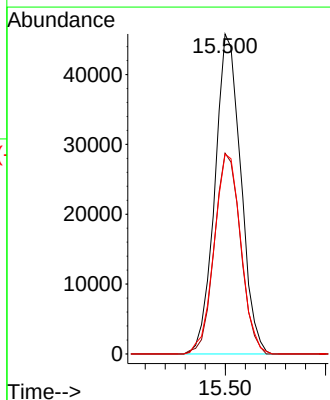
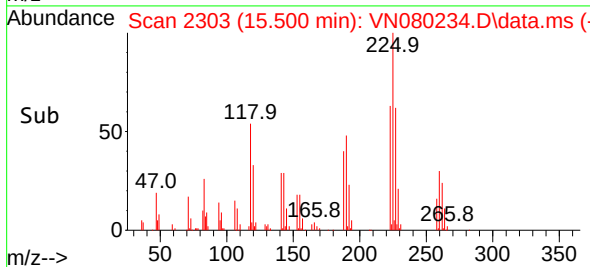
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

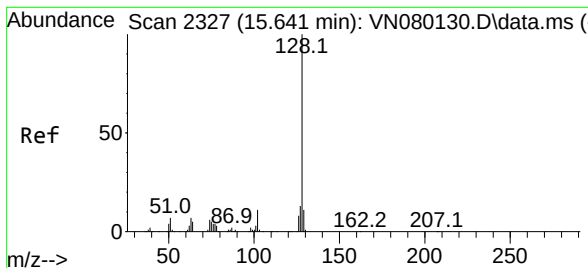


#94
Hexachlorobutadiene
Concen: 48.946 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



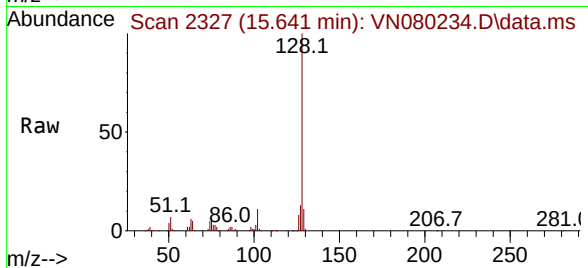
Tgt Ion:225 Resp: 82207
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 64.4 31.9 95.9





#95
Naphthalene
Concen: 43.372 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40

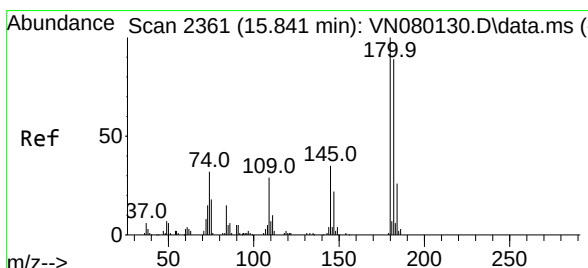
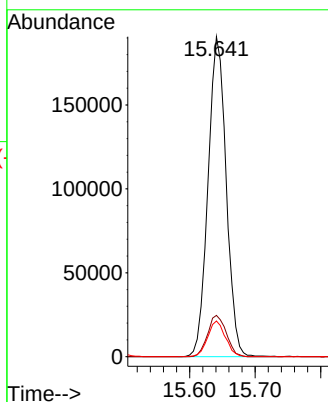
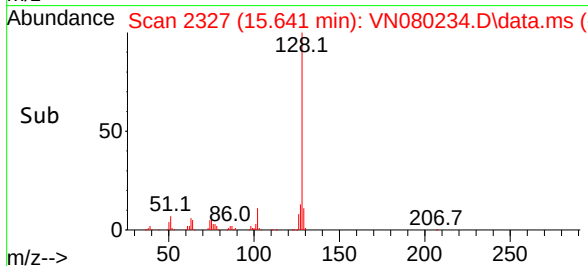
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



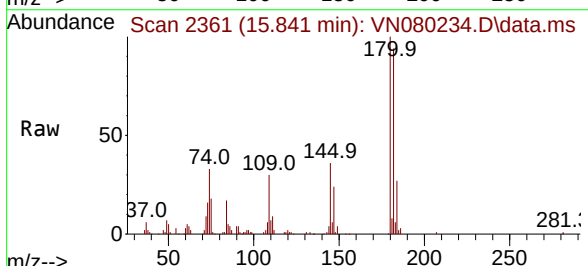
Tgt Ion:128 Resp: 36707
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.064 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080234.D
Acq: 21 Nov 2023 16:40



Tgt Ion:180 Resp: 131485
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.6
145 35.9 17.5 52.6

