

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080236.D
 Acq On : 22 Nov 2023 10:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:14:20 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	8.229	168	215973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	303566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179804	50.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	8.171	113	128129	54.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.760%	
50) Toluene-d8	10.570	98	459917	54.151	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.853	95	176244	54.938	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	150464	46.771	ug/l	94
3) Chloromethane	2.365	50	98714	40.813	ug/l	100
4) Vinyl Chloride	2.512	62	111122	43.413	ug/l	98
5) Bromomethane	2.947	94	74383	42.807	ug/l	95
6) Chloroethane	3.112	64	74285	46.785	ug/l	100
7) Trichlorofluoromethane	3.494	101	259988	48.691	ug/l	99
8) Diethyl Ether	3.959	74	67797	43.659	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	117777	48.259	ug/l	94
10) Methyl Iodide	4.589	142	133056	50.447	ug/l #	83
11) Tert butyl alcohol	5.524	59	95717	244.079	ug/l	97
12) 1,1-Dichloroethene	4.341	96	105504	46.219	ug/l #	81
13) Acrolein	4.177	56	83571	240.802	ug/l	99
14) Allyl chloride	5.030	41	122265	42.572	ug/l	89
15) Acrylonitrile	5.718	53	243481	231.280	ug/l	99
16) Acetone	4.424	43	285045	237.983	ug/l	94
17) Carbon Disulfide	4.712	76	276783	40.609	ug/l	98
18) Methyl Acetate	5.024	43	167128	43.428	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	390263	48.412	ug/l	97
20) Methylene Chloride	5.277	84	124594	49.673	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	119960	47.836	ug/l	88
22) Diisopropyl ether	6.671	45	306794	48.283	ug/l	97
23) Vinyl Acetate	6.606	43	867904	227.202	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	214547	46.360	ug/l	100
25) 2-Butanone	7.482	43	322672	226.743	ug/l	95
26) 2,2-Dichloropropane	7.488	77	226631	49.360	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	135679	47.722	ug/l	88
28) Bromochloromethane	7.812	49	85250	46.857	ug/l	99
29) Tetrahydrofuran	7.841	42	180079	235.702	ug/l	94
30) Chloroform	7.971	83	261489	50.552	ug/l	94
31) Cyclohexane	8.259	56	164468	42.409	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	257486	51.044	ug/l	98
36) 1,1-Dichloropropene	8.371	75	179350	52.577	ug/l	96
37) Ethyl Acetate	7.559	43	117403	49.619	ug/l	96
38) Carbon Tetrachloride	8.365	117	237626	54.895	ug/l	98
39) Methylcyclohexane	9.606	83	169298	51.473	ug/l	90
40) Benzene	8.606	78	497893	51.356	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66743	51.365	ug/l	95
42) 1,2-Dichloroethane	8.671	62	216858	54.674	ug/l	96
43) Isopropyl Acetate	8.694	43	205776	44.691	ug/l	99
44) Trichloroethene	9.353	130	132334	52.037	ug/l	98
45) 1,2-Dichloropropane	9.623	63	115539	51.282	ug/l	94
46) Dibromomethane	9.712	93	91970	53.927	ug/l	89
47) Bromodichloromethane	9.894	83	204394	54.483	ug/l	96
48) Methyl methacrylate	9.682	41	121547	51.225	ug/l	92
49) 1,4-Dioxane	9.694	88	42651	1080.471	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	613568	257.392	ug/l	97
52) Toluene	10.629	92	325957	53.724	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	209786	54.427	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	213524	54.223	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	125256	54.090	ug/l	99
56) Ethyl methacrylate	10.876	69	129865	54.895	ug/l	92
57) 1,3-Dichloropropane	11.165	76	215510	53.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	374703	281.149	ug/l	99
59) 2-Hexanone	11.200	43	502936	262.560	ug/l	95
60) Dibromochloromethane	11.365	129	156483	56.443	ug/l	100
61) 1,2-Dibromoethane	11.470	107	126136	53.393	ug/l	98
64) Tetrachloroethene	11.106	164	132497	57.192	ug/l	98
65) Chlorobenzene	11.894	112	344396	50.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	143040	53.586	ug/l	94
67) Ethyl Benzene	11.964	91	636633	52.012	ug/l	95
68) m/p-Xylenes	12.076	106	471370	105.622	ug/l	85
69) o-Xylene	12.400	106	224959	53.487	ug/l	86
70) Styrene	12.412	104	342853	54.769	ug/l	93
71) Bromoform	12.582	173	107481	54.296	ug/l #	99
73) Isopropylbenzene	12.700	105	609281	50.676	ug/l	98
74) N-amyl acetate	12.494	43	164303	43.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	158573	44.067	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	165808m	43.738	ug/l	
77) Bromobenzene	12.982	156	150052	49.501	ug/l	96
78) n-propylbenzene	13.041	91	693891	51.611	ug/l	99
79) 2-Chlorotoluene	13.129	91	440001	50.389	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	538670	51.468	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	52102	46.434	ug/l #	85
82) 4-Chlorotoluene	13.223	91	452589	50.593	ug/l	95
83) tert-Butylbenzene	13.441	119	418308	49.840	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	540786	52.475	ug/l	96
85) sec-Butylbenzene	13.617	105	545975	51.422	ug/l	99
86) p-Isopropyltoluene	13.735	119	502177	52.947	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	266964	48.882	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	267076	48.662	ug/l	98
89) n-Butylbenzene	14.058	91	402184	50.662	ug/l	100
90) Hexachloroethane	14.335	117	89626	48.472	ug/l	71
91) 1,2-Dichlorobenzene	14.111	146	256339	49.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36633	43.828	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	140527	46.232	ug/l	98
94) Hexachlorobutadiene	15.505	225	78043	44.616	ug/l	99
95) Naphthalene	15.647	128	376456	42.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	133555	46.877	ug/l	99

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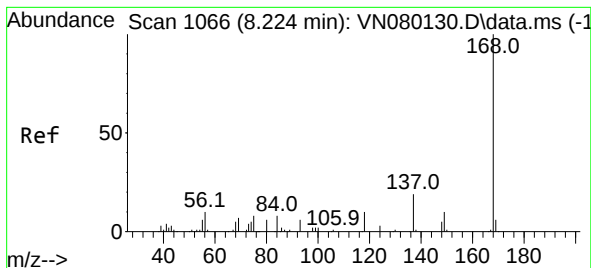
Manual Integrations
APPROVED

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



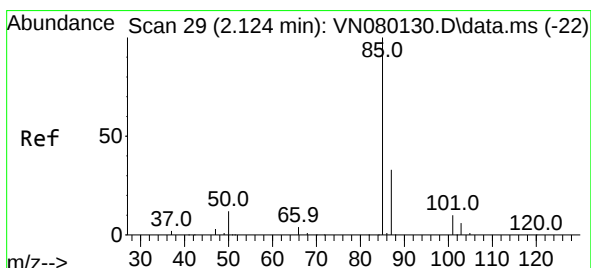
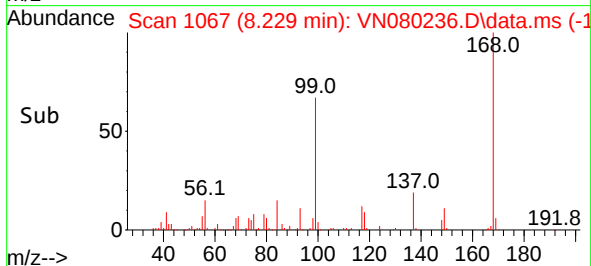
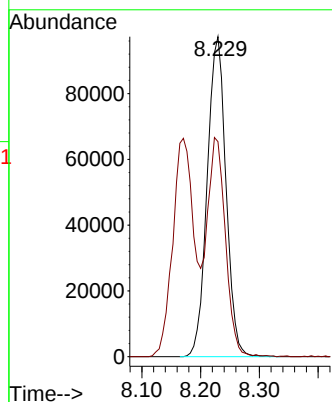
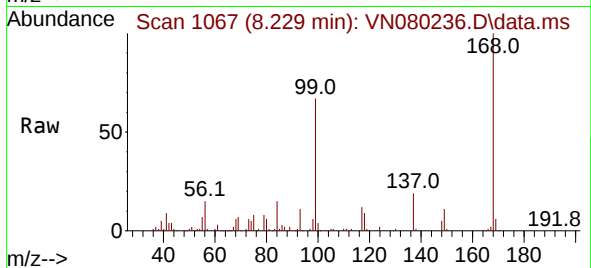
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 21597
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6

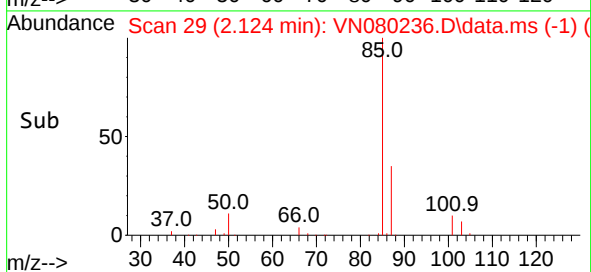
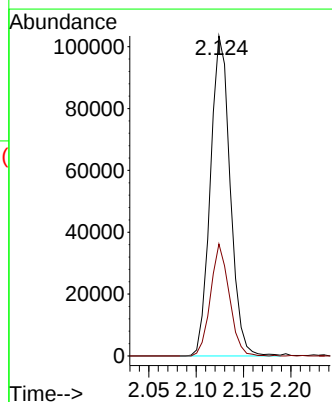
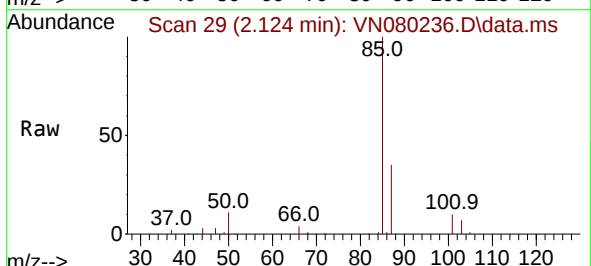
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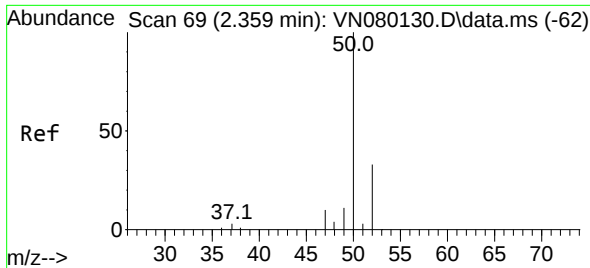
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 46.771 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 85 Resp: 150464
Ion Ratio Lower Upper
85 100
87 35.0 15.8 47.4





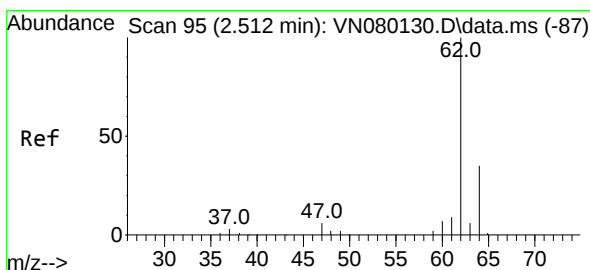
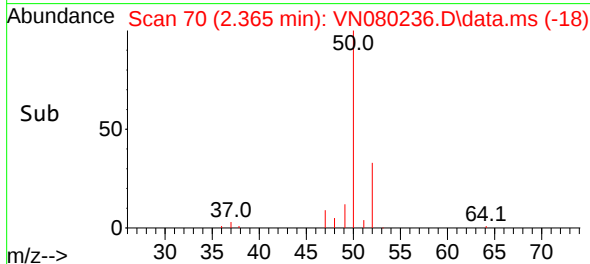
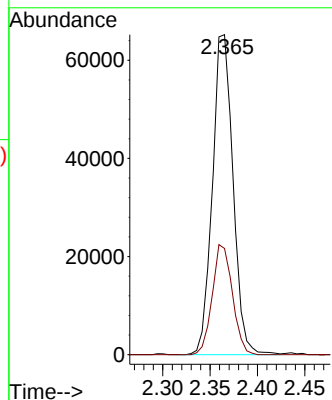
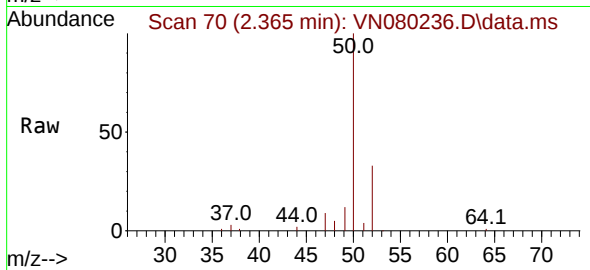
#3
Chloromethane
Concen: 40.813 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 98714
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

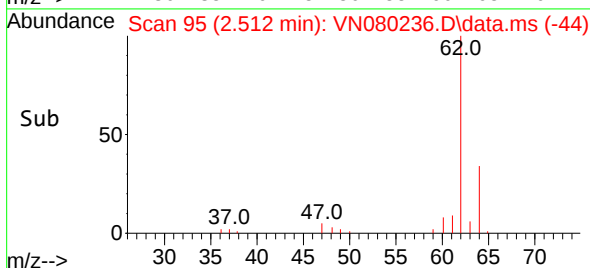
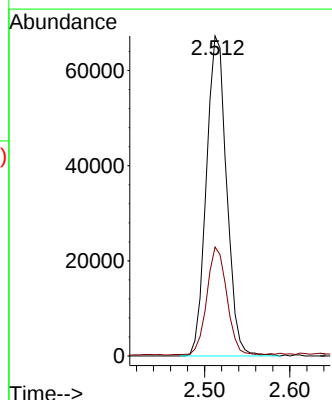
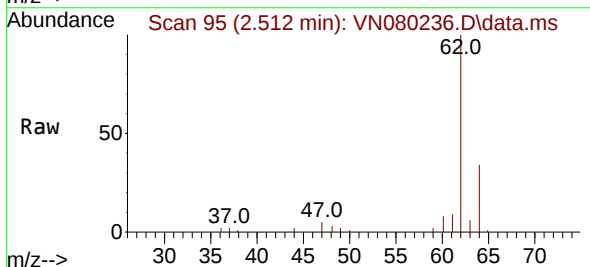
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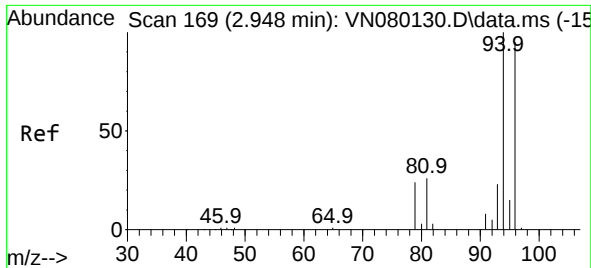
Reviewed By :John Carlone 11/24/2023
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#4
Vinyl Chloride
Concen: 43.413 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 62 Resp: 111122
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2





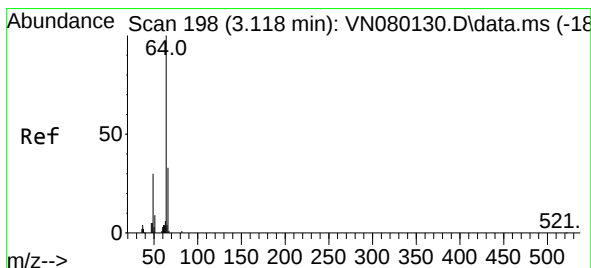
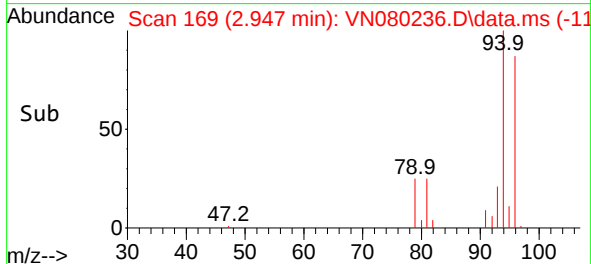
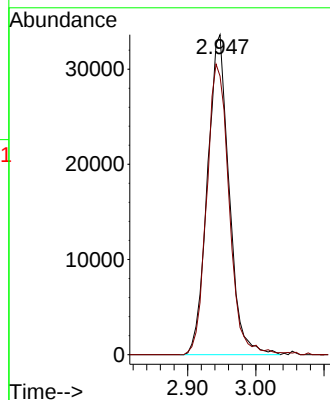
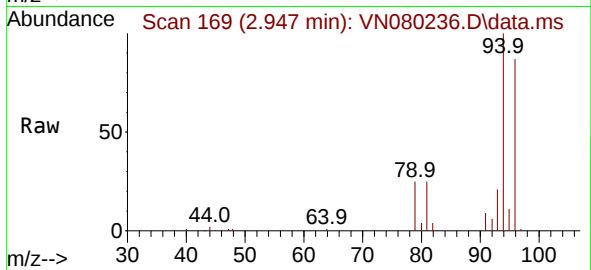
#5
Bromomethane
Concen: 42.807 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 7438
Ion Ratio Lower Upper
94 100
96 87.1 73.1 109.7

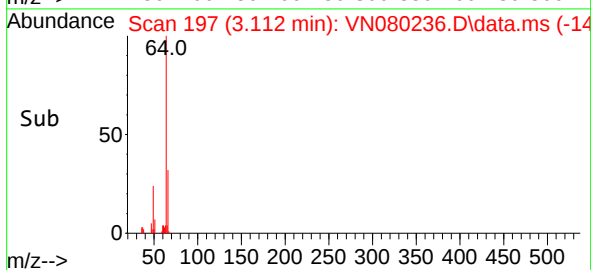
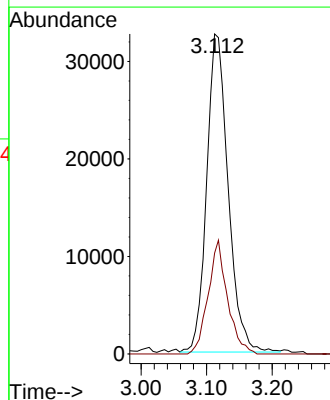
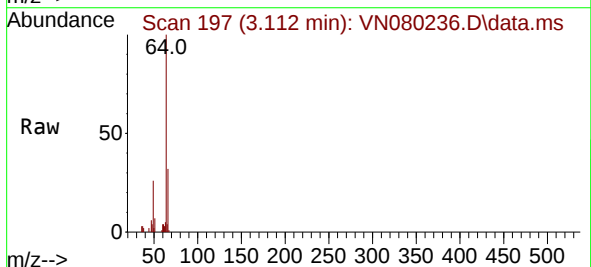
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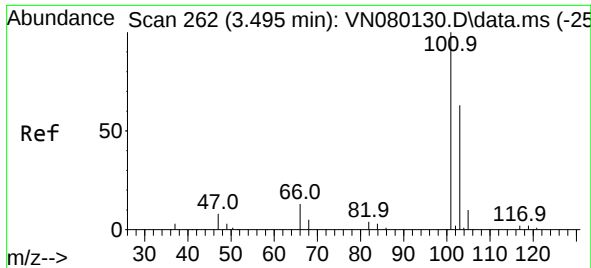
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 46.785 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 64 Resp: 74285
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





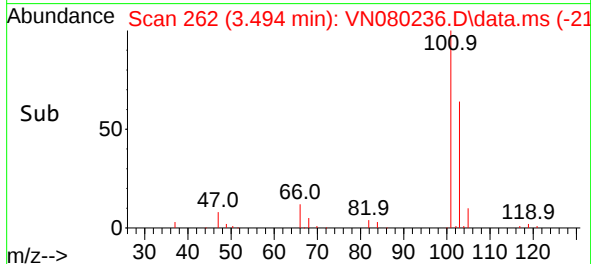
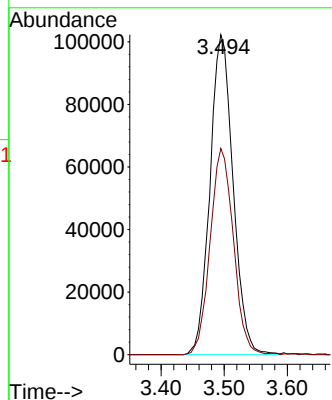
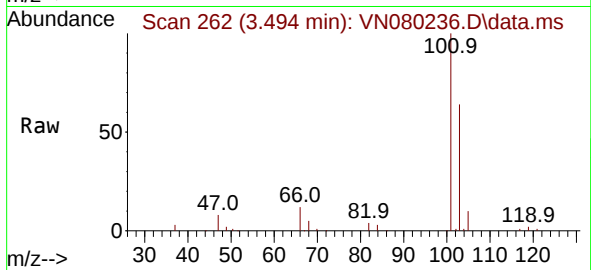
#7
Trichlorofluoromethane
Concen: 48.691 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 25998
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

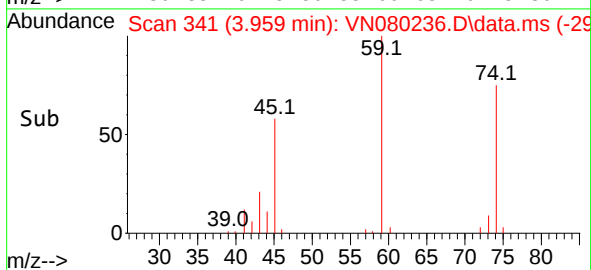
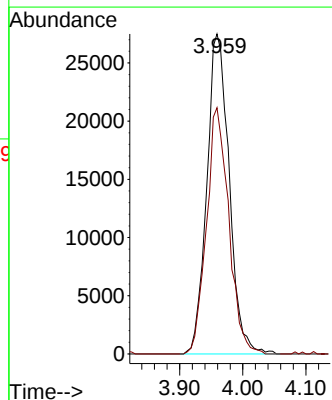
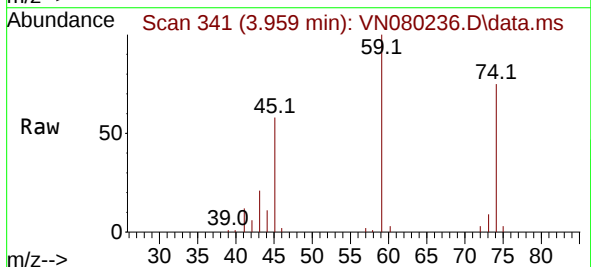
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#8
Diethyl Ether
Concen: 43.659 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 74 Resp: 67797
Ion Ratio Lower Upper
74 100
45 76.6 34.4 103.3





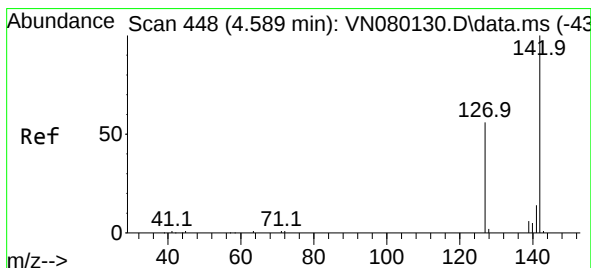
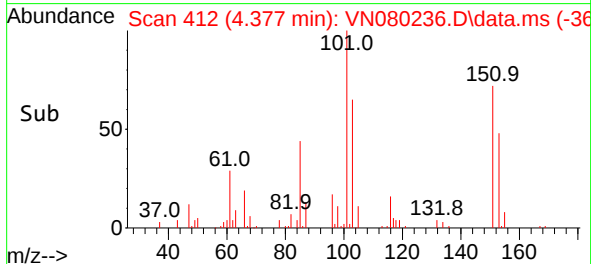
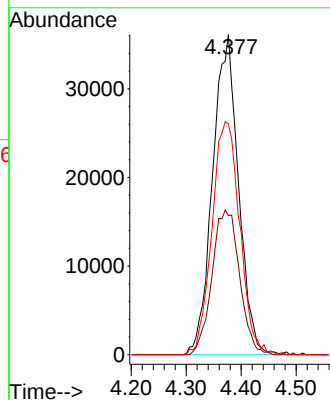
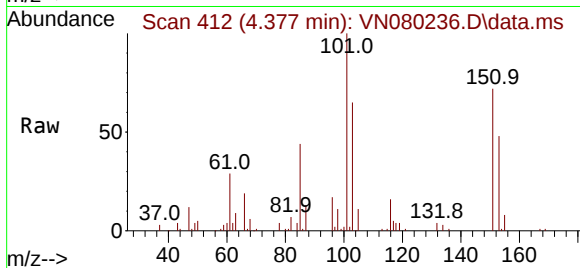
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.259 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080236.D
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Tgt Ion:101 Resp: 11777
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 78.4 57.6 86.4

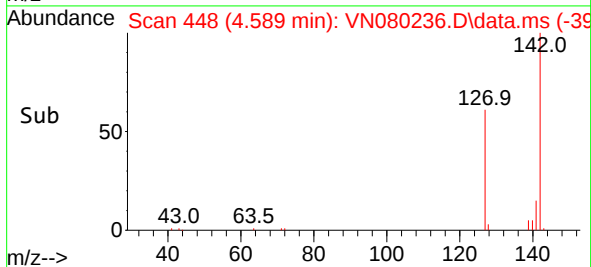
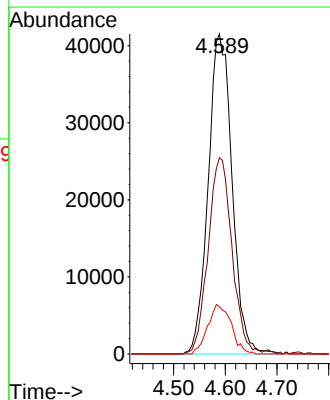
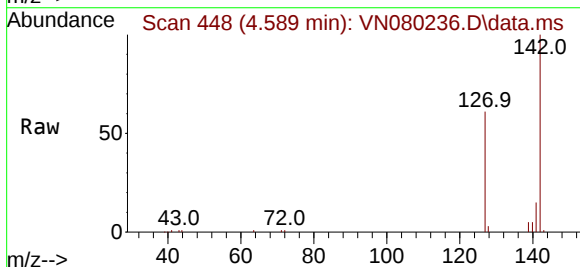
Manual Integrations
APPROVED

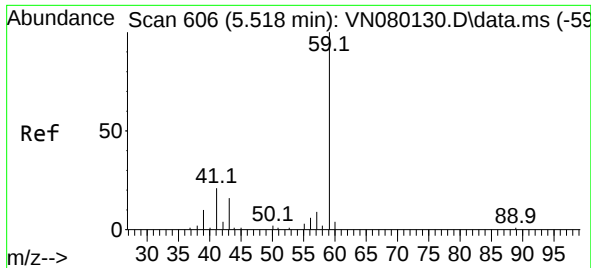
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 50.447 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:142 Resp: 133056
Ion Ratio Lower Upper
142 100
127 61.3 37.6 56.4#
141 14.7 11.4 17.0





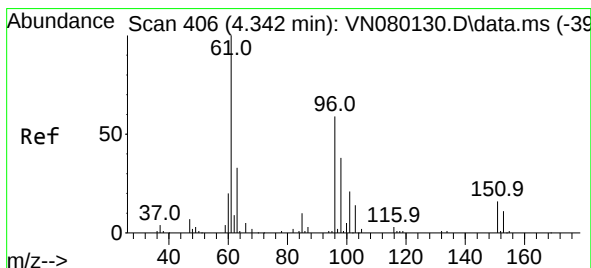
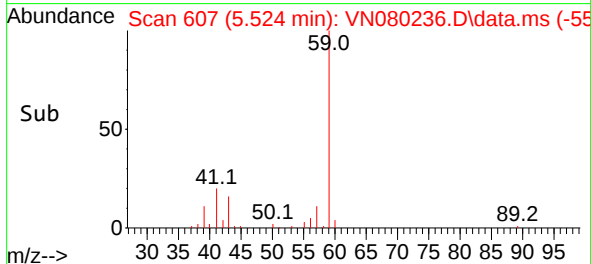
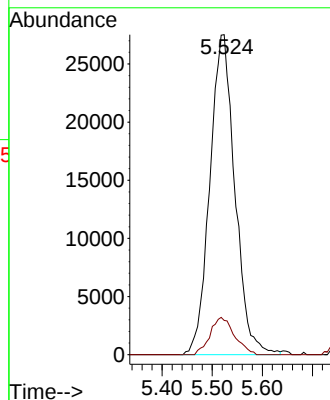
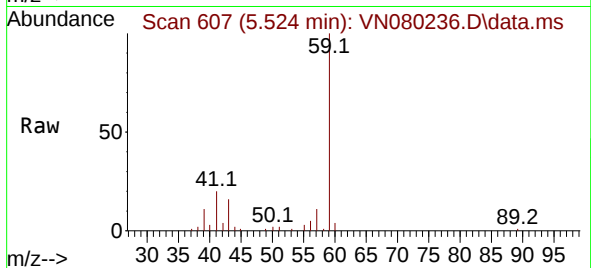
#11
Tert butyl alcohol
Concen: 244.079 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 9571
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

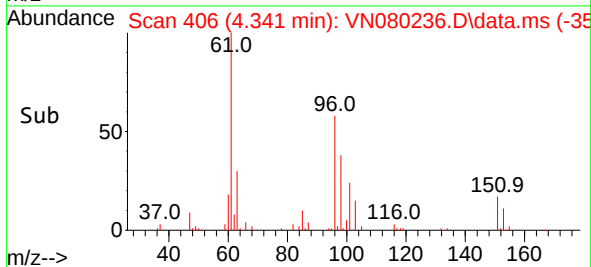
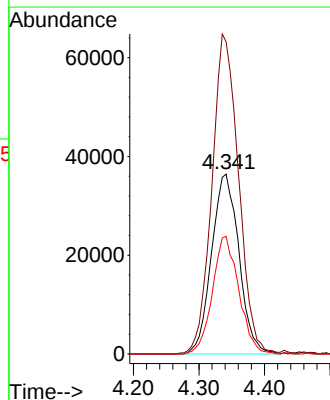
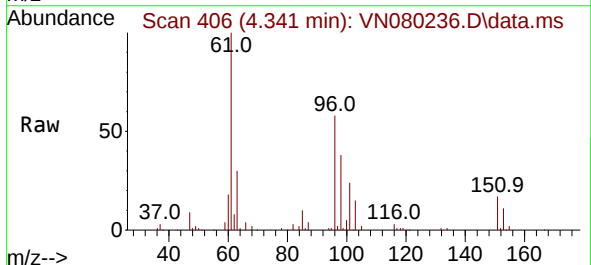
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#12
1,1-Dichloroethene
Concen: 46.219 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

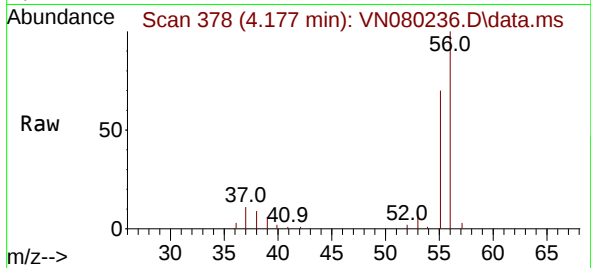
Tgt Ion: 96 Resp: 105504
Ion Ratio Lower Upper
96 100
61 173.2 112.7 169.1#
98 65.4 51.2 76.8





#13
Acrolein
Concen: 240.802 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

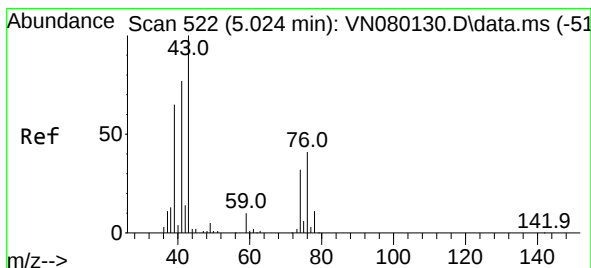
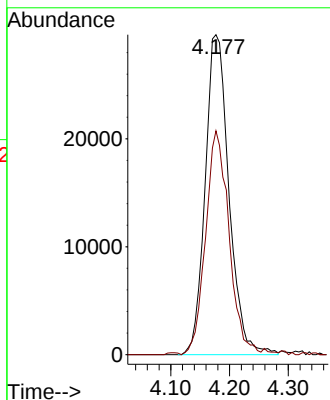
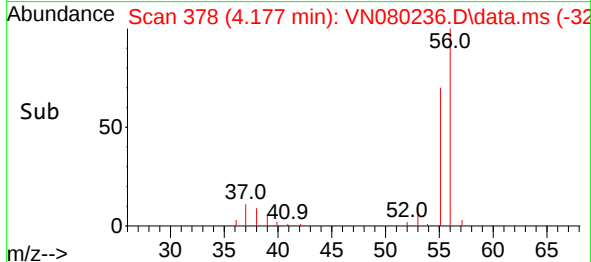
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8357
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

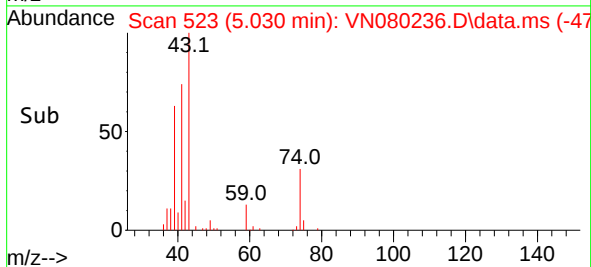
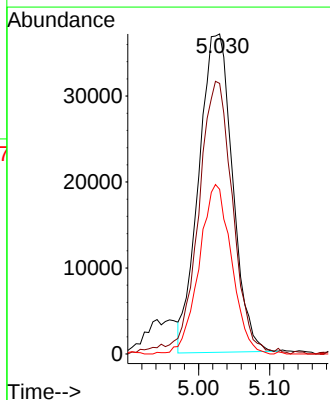
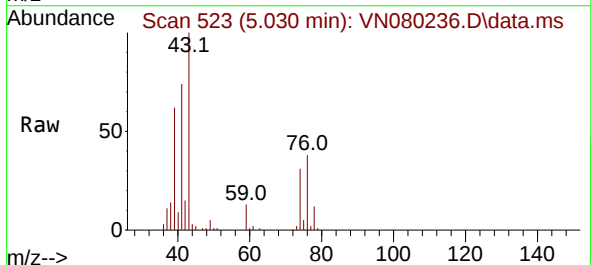
Manual Integrations
APPROVED

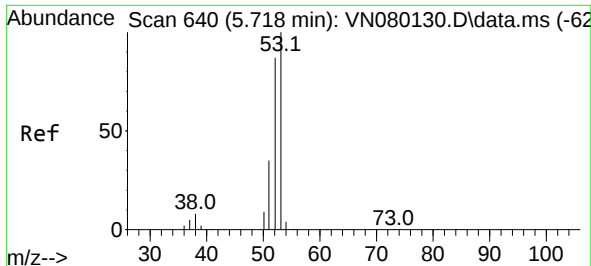
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 42.572 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

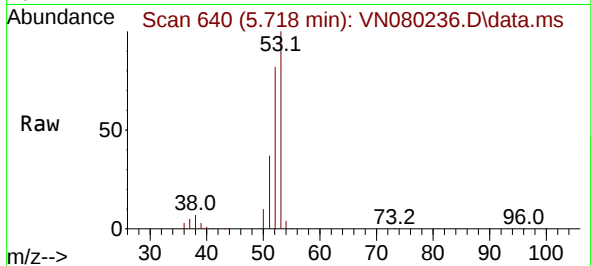
Tgt Ion: 41 Resp: 122265
Ion Ratio Lower Upper
41 100
39 87.4 58.8 88.2
76 51.2 39.1 58.7





#15
Acrylonitrile
Concen: 231.280 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

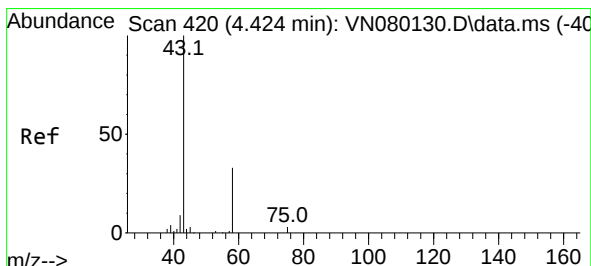
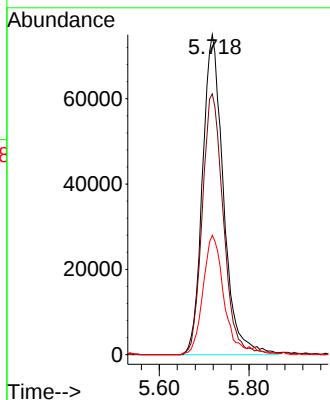
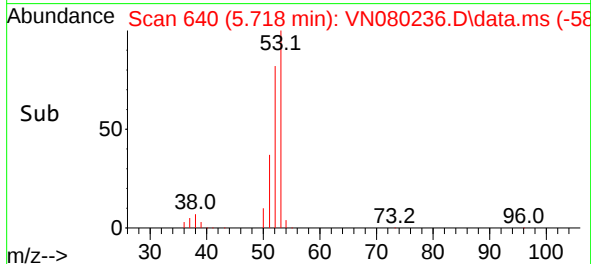
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 24348
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.6 28.9 43.3

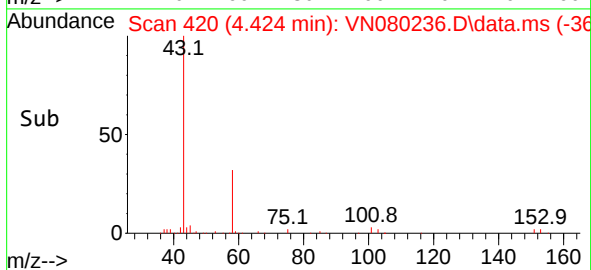
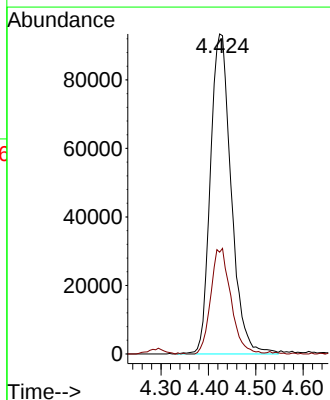
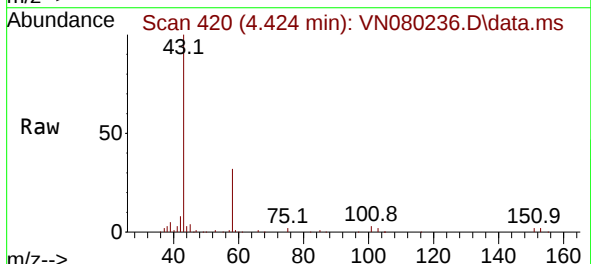
Manual Integrations
APPROVED

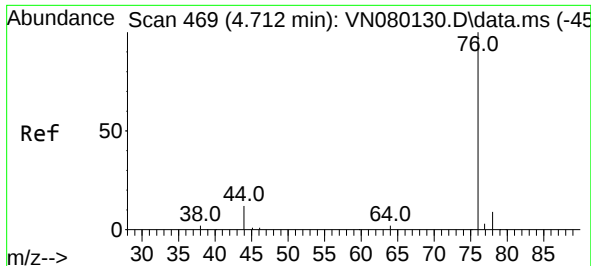
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#16
Acetone
Concen: 237.983 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

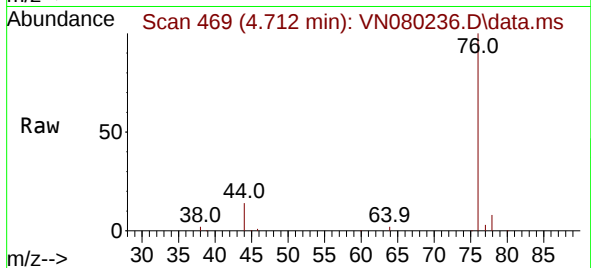
Tgt Ion: 43 Resp: 285045
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0





#17
Carbon Disulfide
Concen: 40.609 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

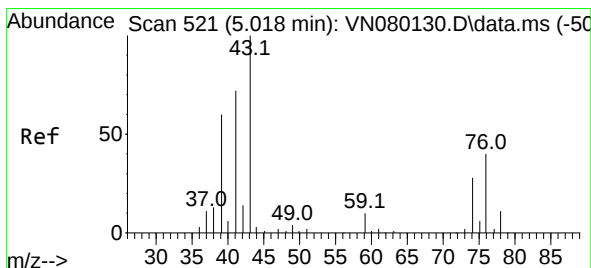
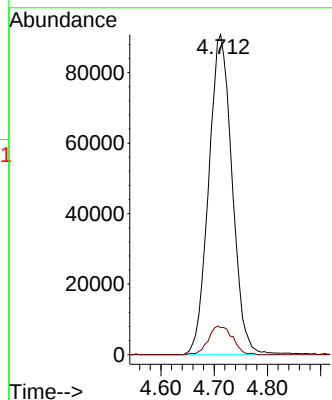
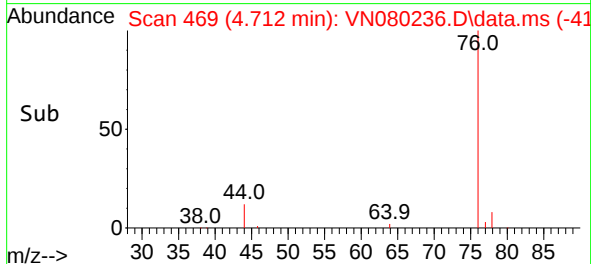
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



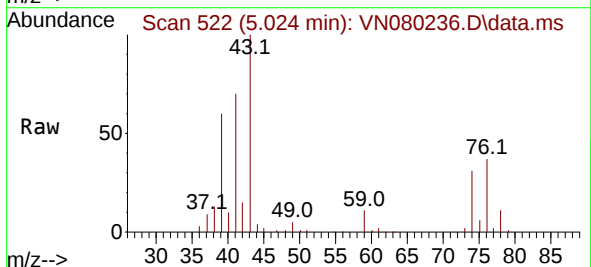
Tgt Ion: 76 Resp: 276783
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

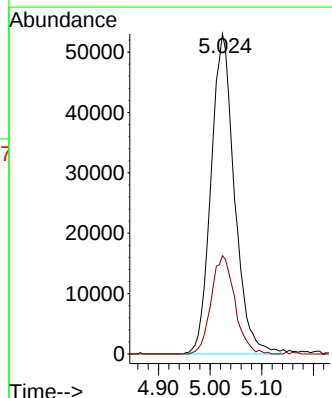
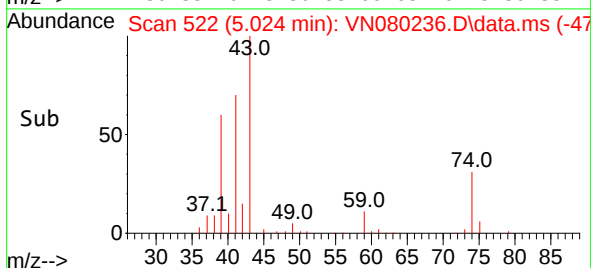
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

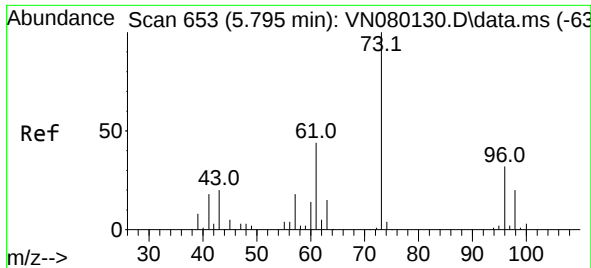


#18
Methyl Acetate
Concen: 43.428 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion: 43 Resp: 167128
Ion Ratio Lower Upper
43 100
74 30.8 26.2 39.4





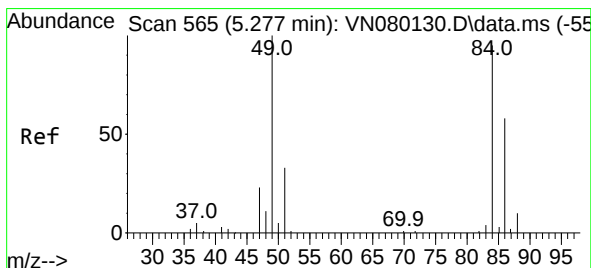
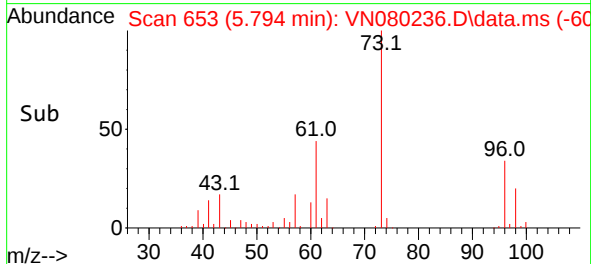
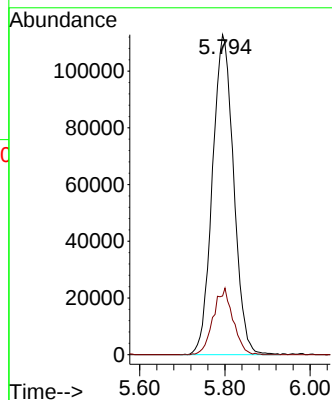
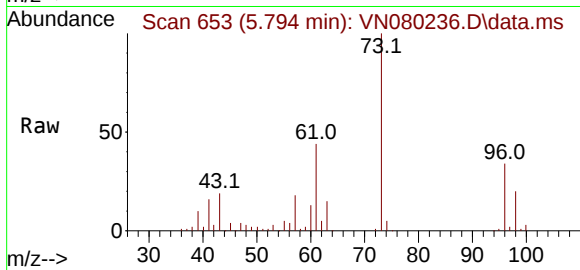
#19
Methyl tert-butyl Ether
Concen: 48.412 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 39026
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4

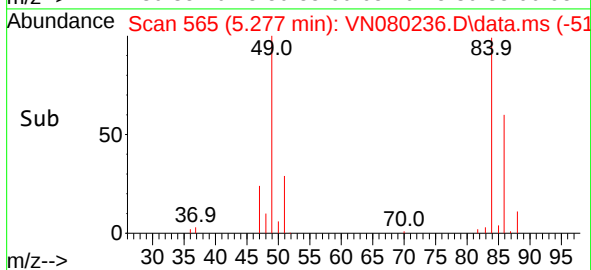
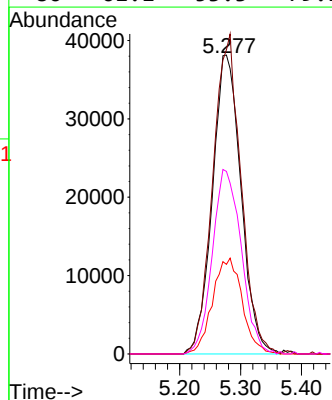
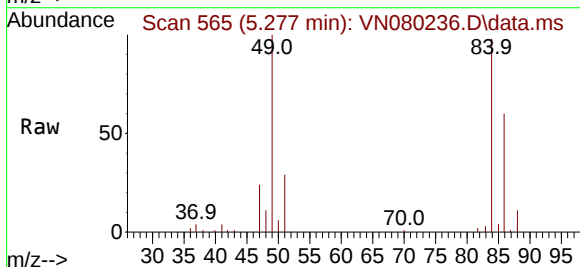
Manual Integrations
APPROVED

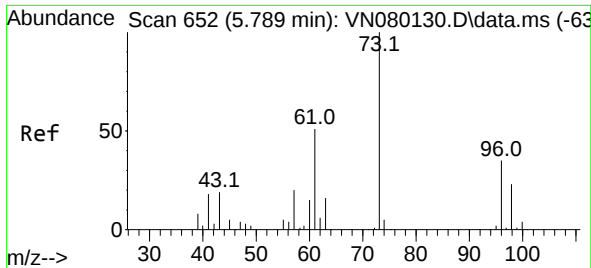
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 49.673 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

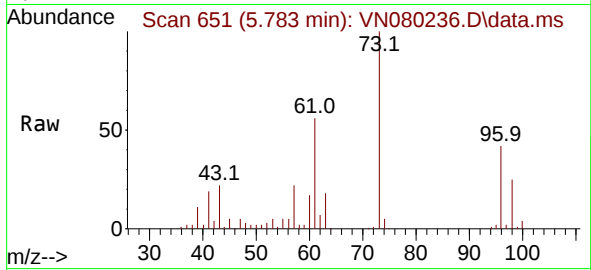
Tgt Ion: 84 Resp: 124594
Ion Ratio Lower Upper
84 100
49 101.8 79.7 119.5
51 30.0 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.836 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

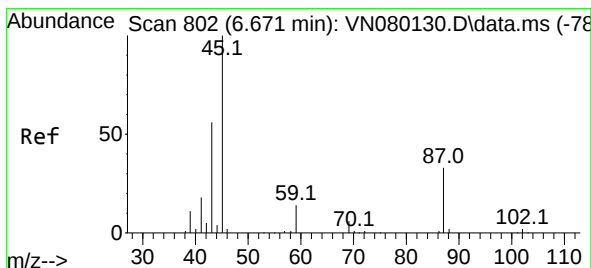
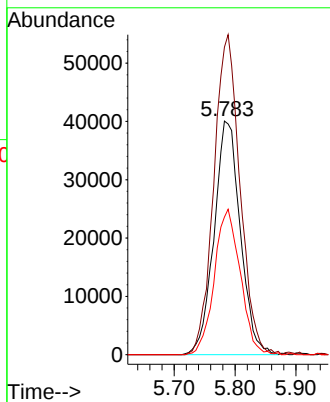
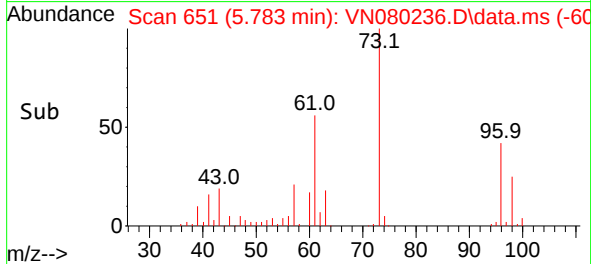
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



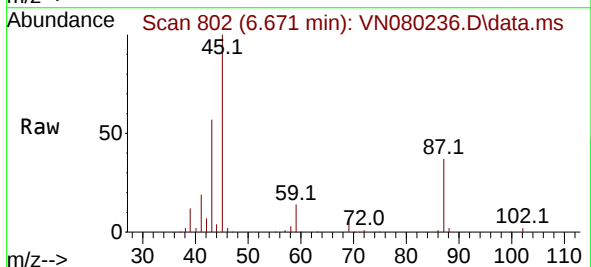
Tgt Ion: 96 Resp: 119960
Ion Ratio Lower Upper
96 100
61 131.6 90.1 135.1
98 58.9 46.4 69.6

Manual Integrations
APPROVED

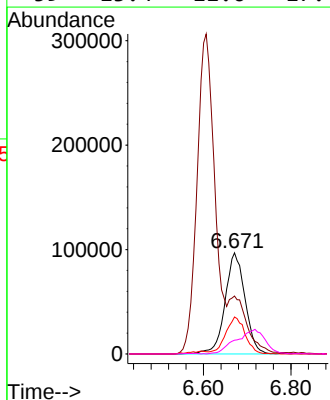
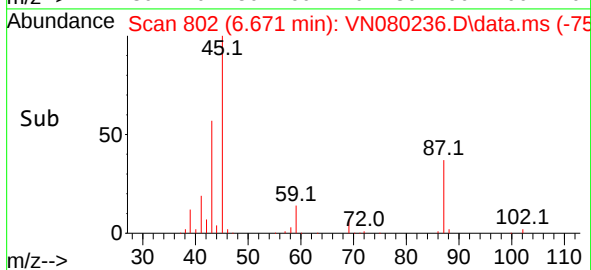
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

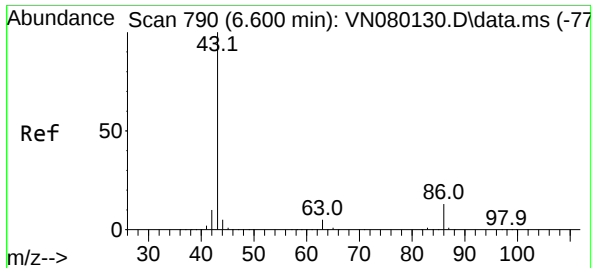


#22
Diisopropyl ether
Concen: 48.283 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion: 45 Resp: 306794
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 36.3 31.8 47.8
59 13.4 11.6 17.4





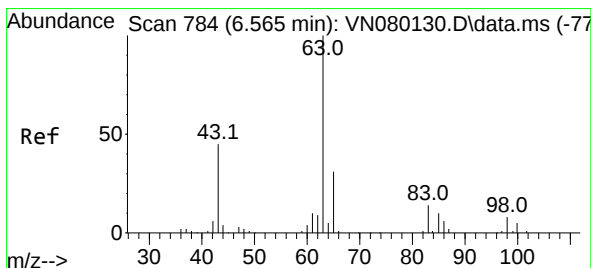
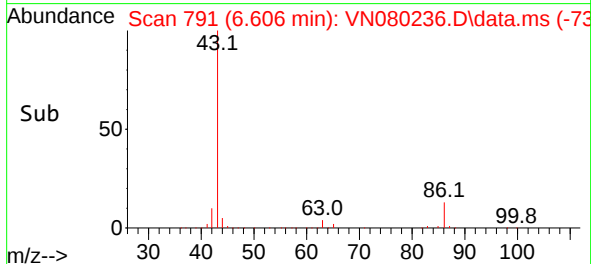
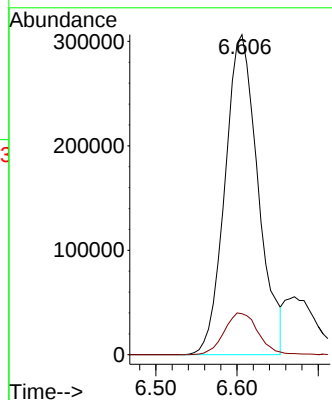
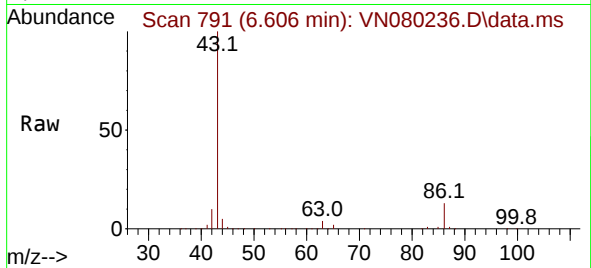
#23
 Vinyl Acetate
 Concen: 227.202 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 867904
 Ion Ratio Lower Upper
 43 100
 86 12.8 13.0 19.6

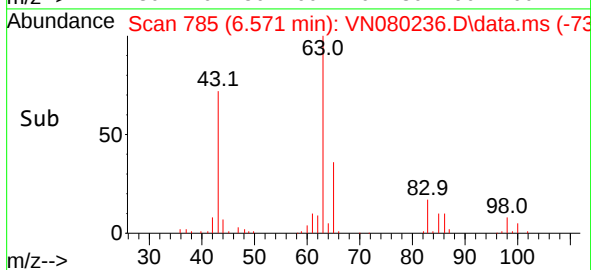
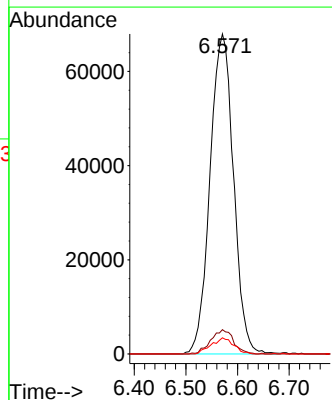
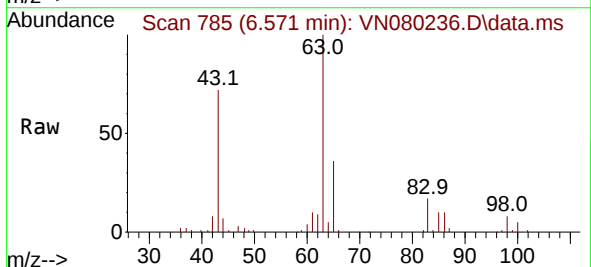
Manual Integrations
 APPROVED

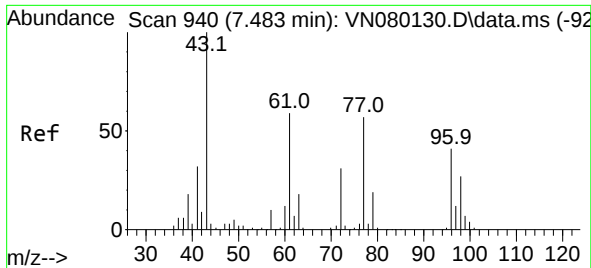
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 46.360 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

Tgt Ion: 63 Resp: 214547
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.0 2.5 7.4





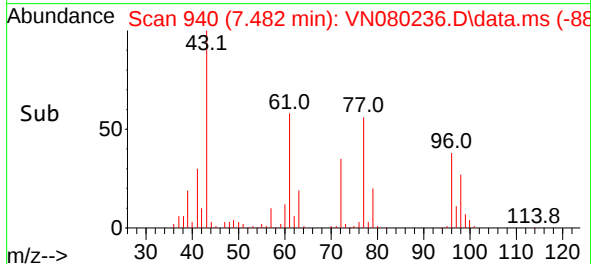
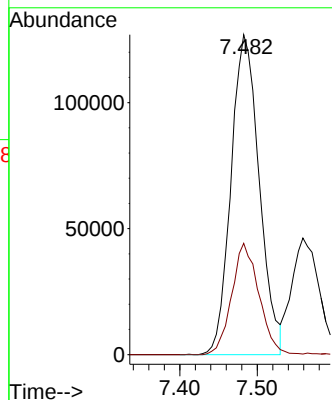
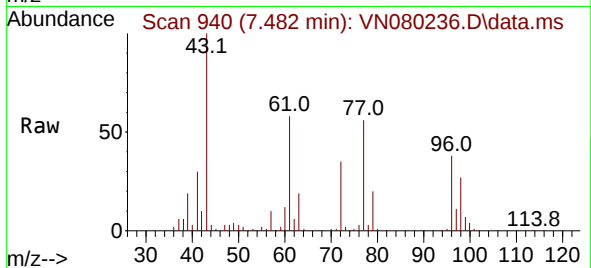
#25
2-Butanone
Concen: 226.743 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 322672
Ion Ratio Lower Upper
43 100
72 34.8 30.2 45.2

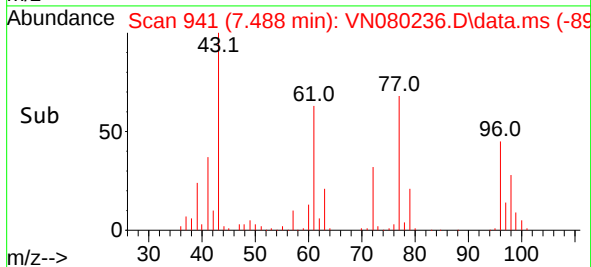
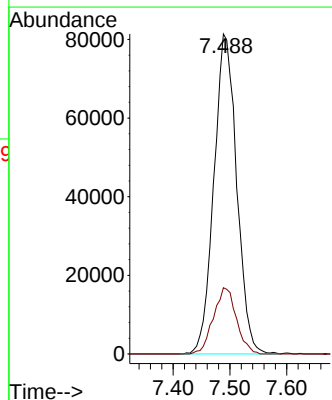
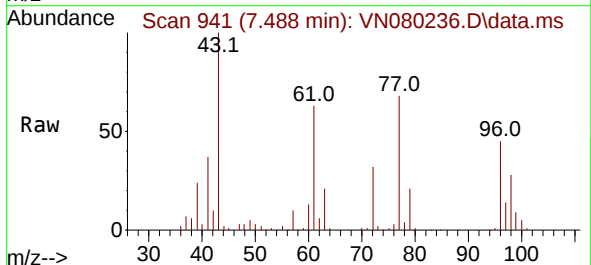
Manual Integrations
APPROVED

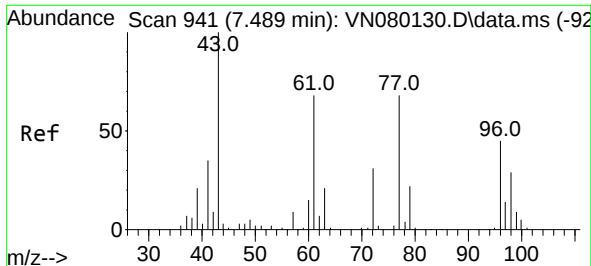
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 49.360 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

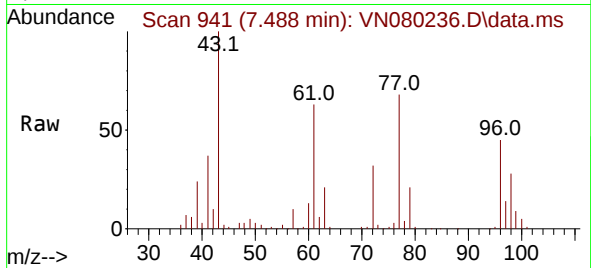
Tgt Ion: 77 Resp: 226631
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.722 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

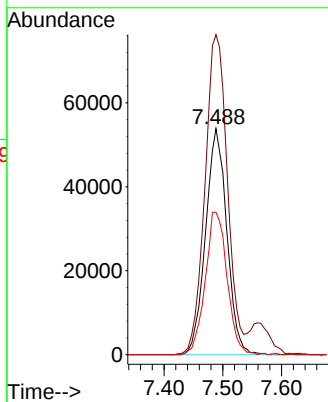
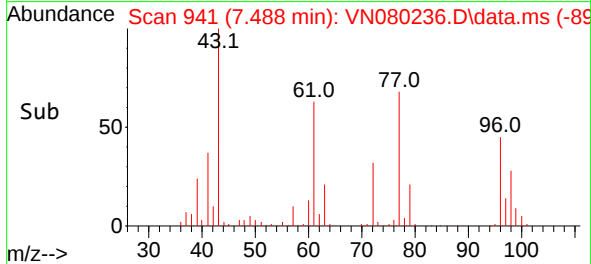
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 135679
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 255.2
 98 64.6 0.0 128.8

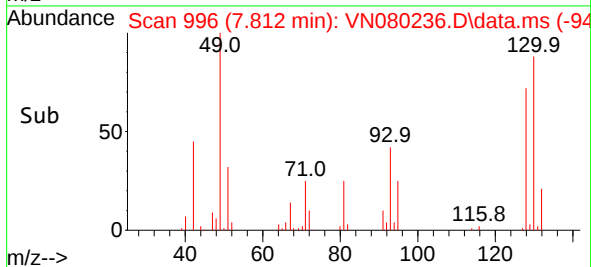
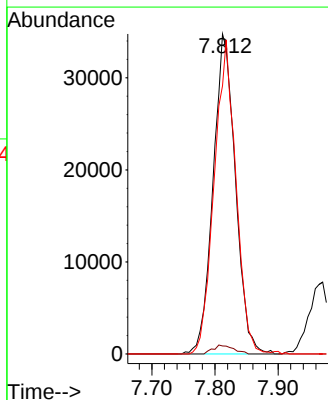
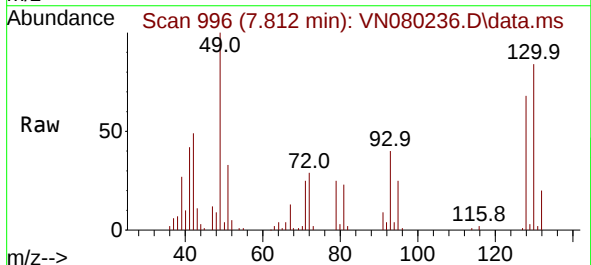
Manual Integrations
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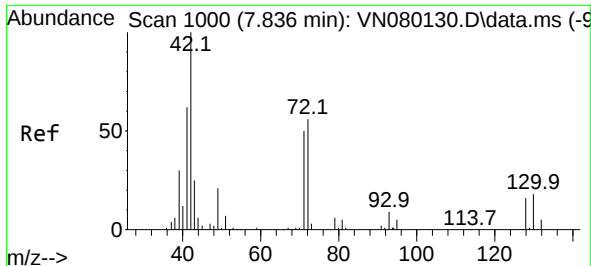
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 46.857 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

Tgt Ion: 49 Resp: 85250
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 95.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 235.702 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 180079

Ion Ratio Lower Upper

42 100

72 57.5 49.8 74.6

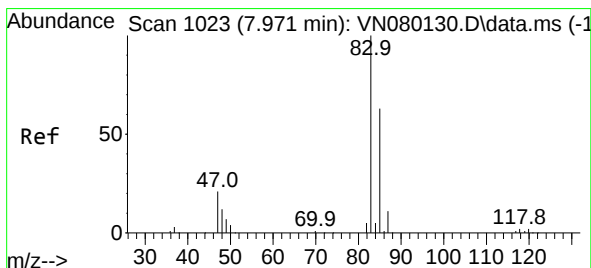
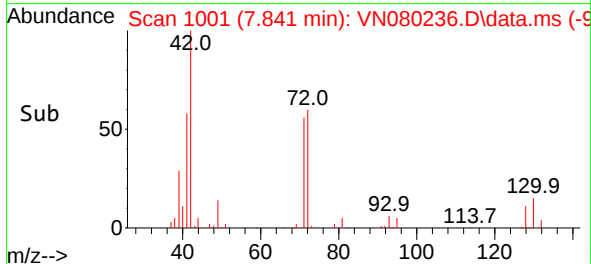
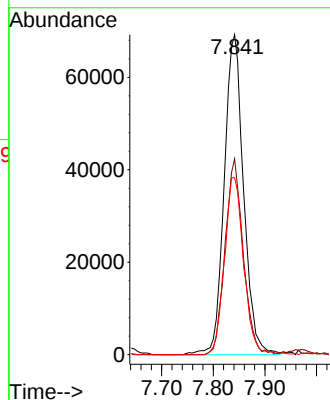
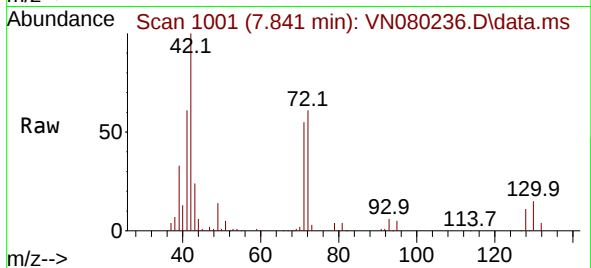
71 54.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 50.552 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080236.D

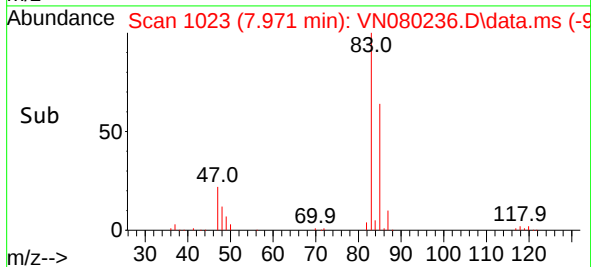
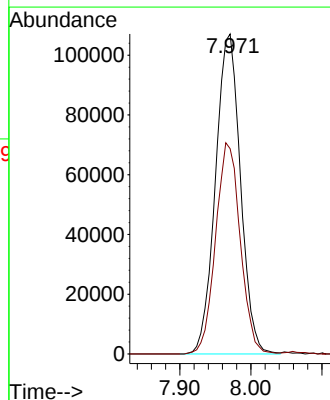
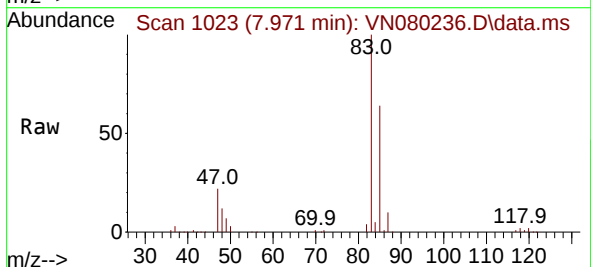
Acq: 22 Nov 2023 10:11

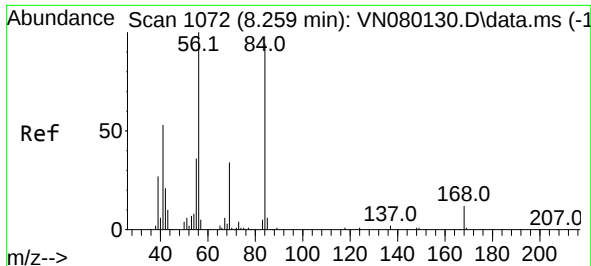
Tgt Ion: 83 Resp: 261489

Ion Ratio Lower Upper

83 100

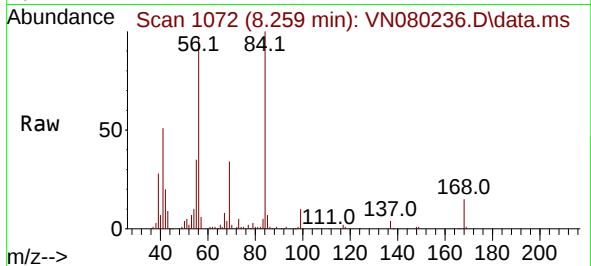
85 64.2 55.4 83.0





#31
Cyclohexane
Concen: 42.409 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

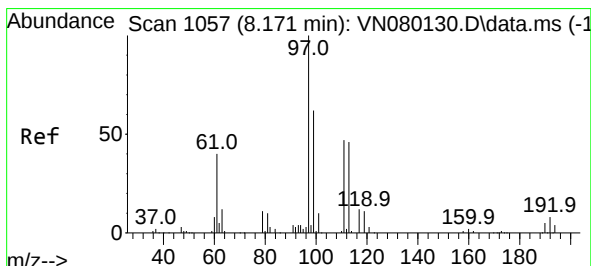
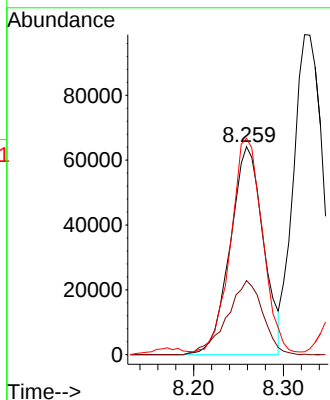
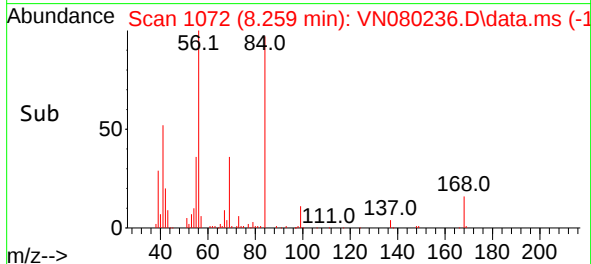
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 164468
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 100.7 81.8 122.6

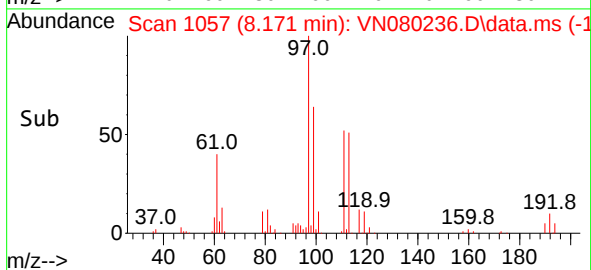
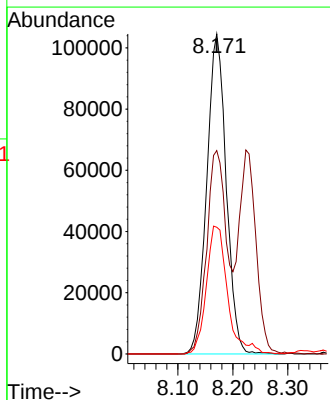
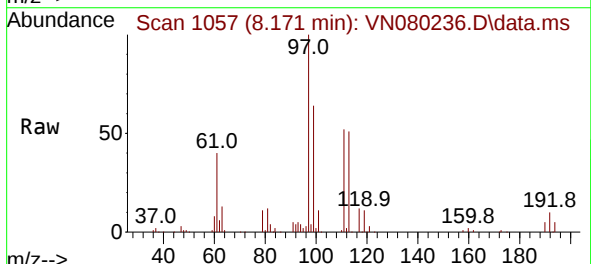
Manual Integrations
APPROVED

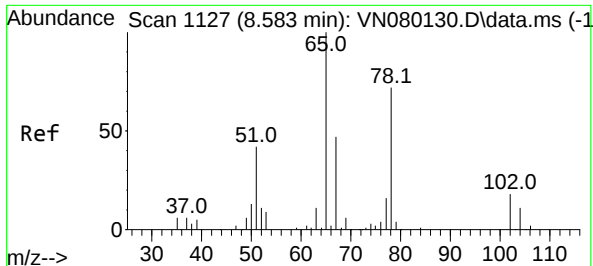
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 51.044 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 97 Resp: 257486
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.421 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 179804

Ion Ratio Lower Upper

65 100

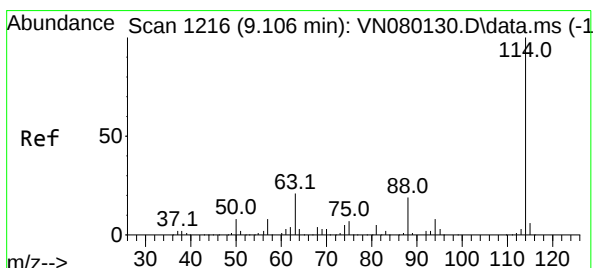
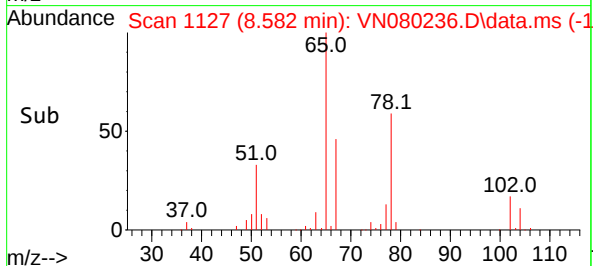
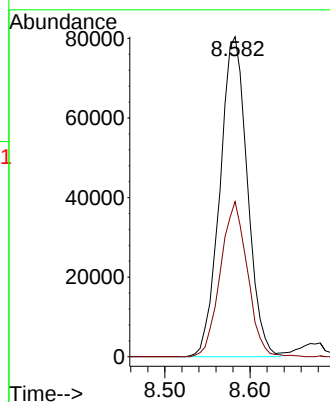
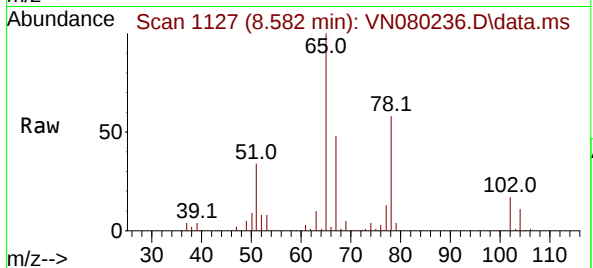
67 47.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

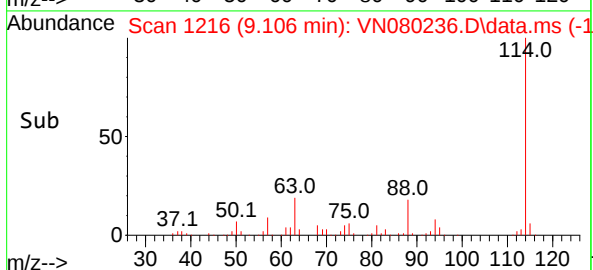
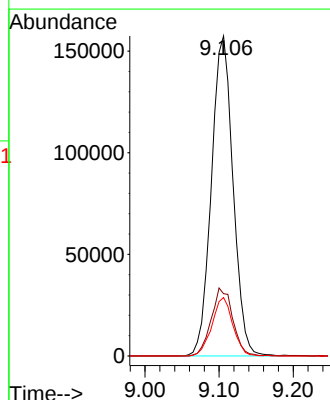
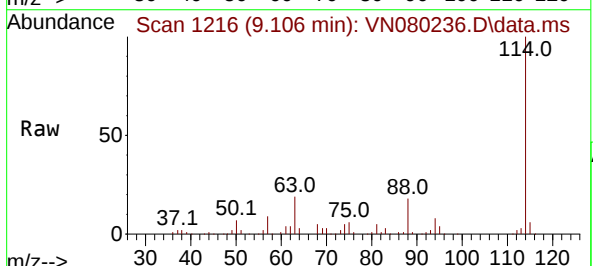
Tgt Ion:114 Resp: 319310

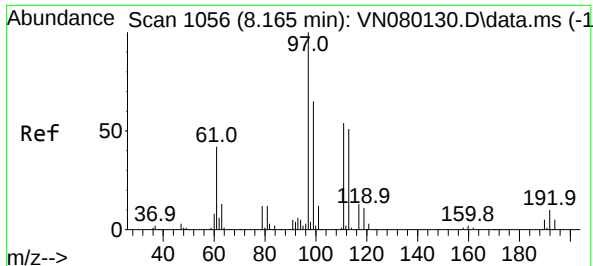
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

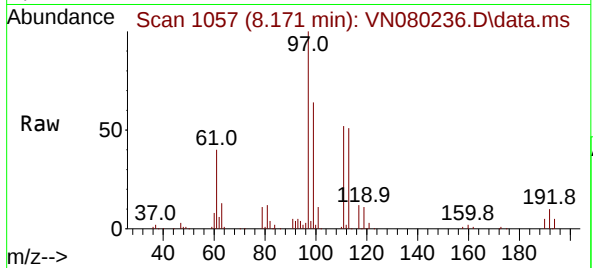
88 18.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.382 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

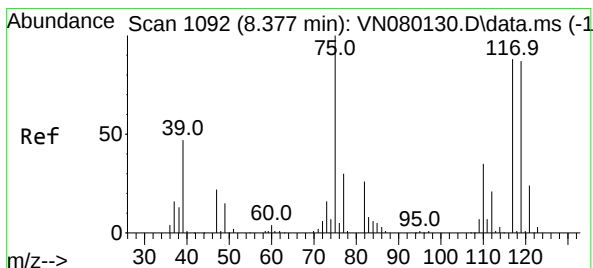
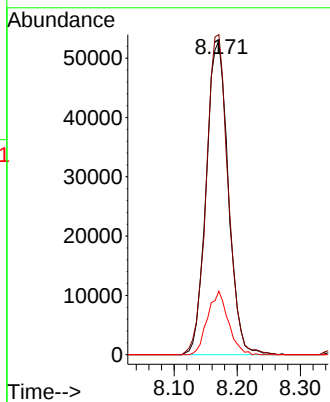
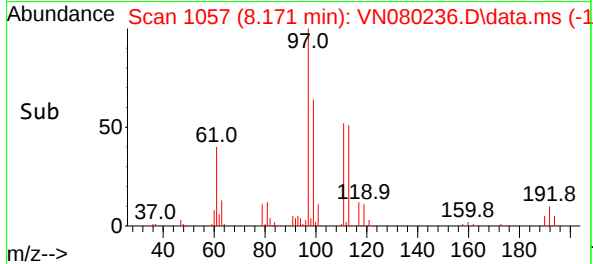
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



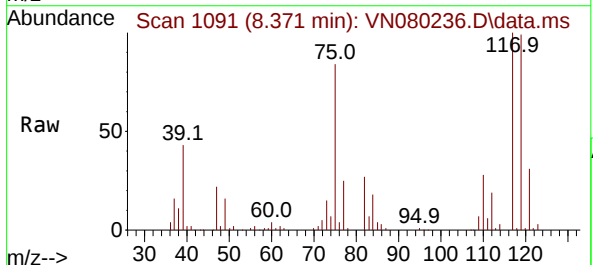
Tgt Ion: 113 Resp: 128129
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 19.0 12.7 19.1

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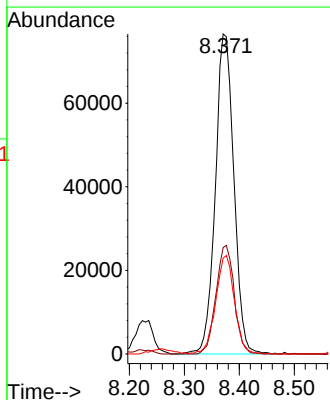
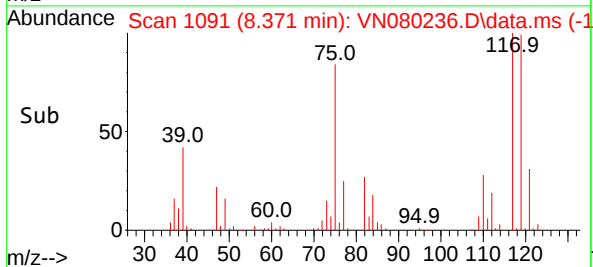
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

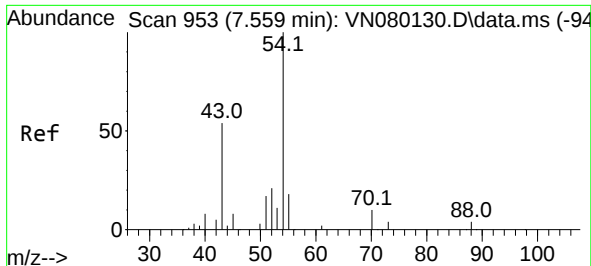


#36
1,1-Dichloropropene
Concen: 52.577 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion: 75 Resp: 179350
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 49.619 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11740

Ion Ratio Lower Upper

43 100

61 14.2 13.2 19.8

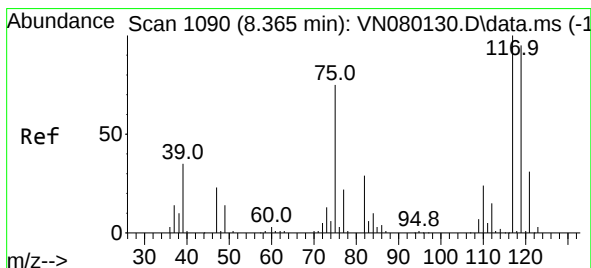
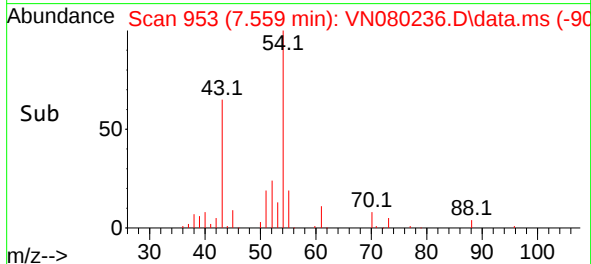
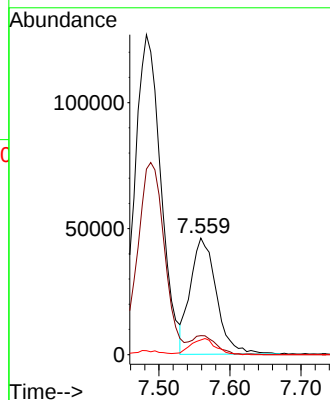
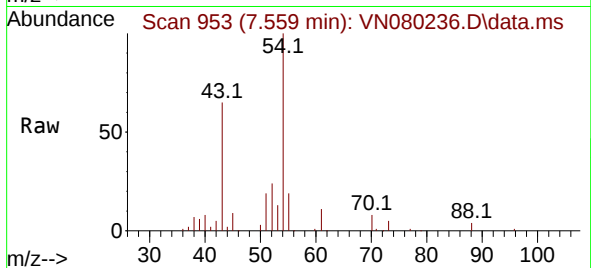
70 13.4 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 54.895 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

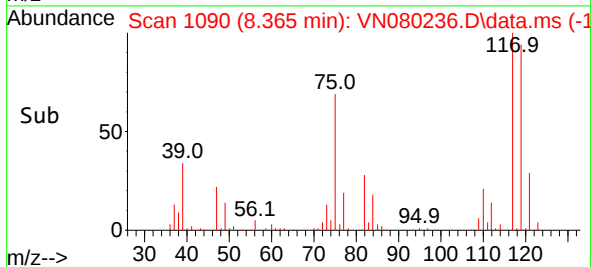
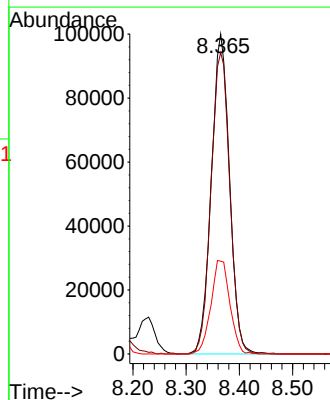
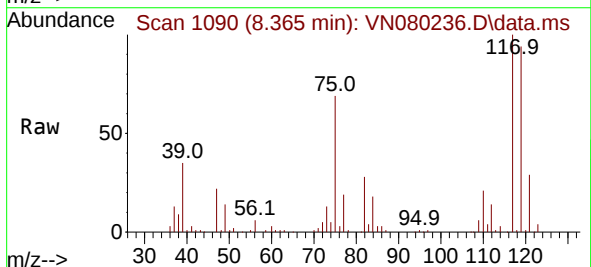
Tgt Ion:117 Resp: 237626

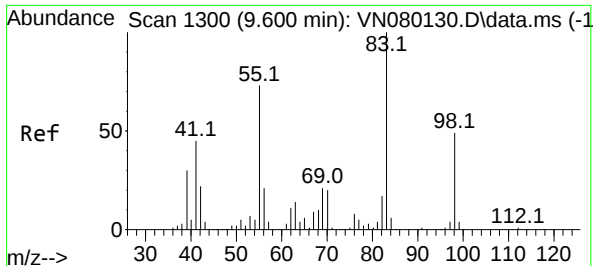
Ion Ratio Lower Upper

117 100

119 94.2 77.3 115.9

121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 51.473 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 169298

Ion Ratio Lower Upper

83 100

55 73.1 49.1 73.7

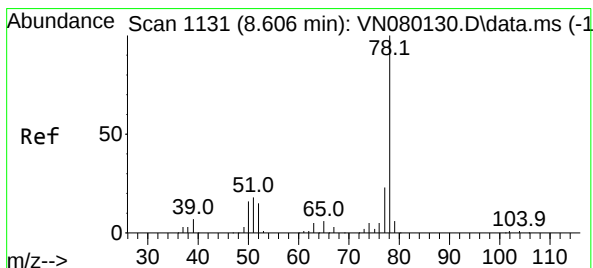
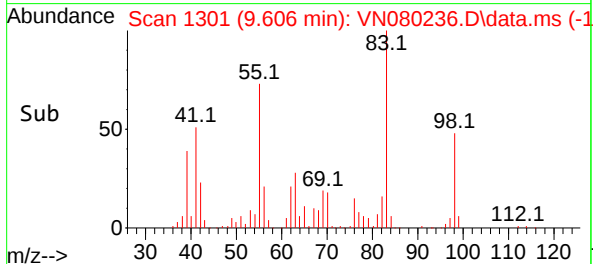
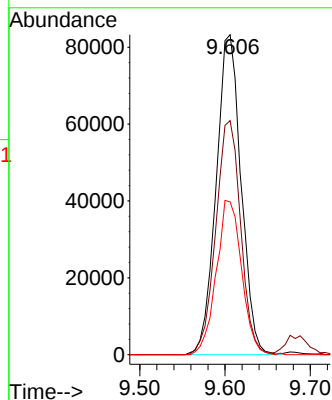
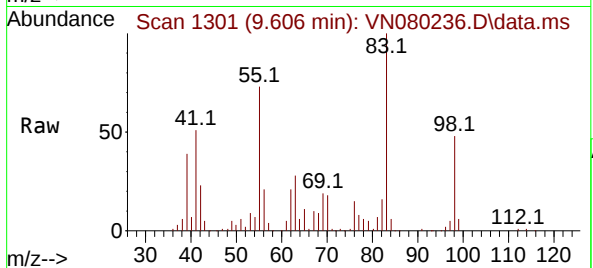
98 47.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#40

Benzene

Concen: 51.356 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080236.D

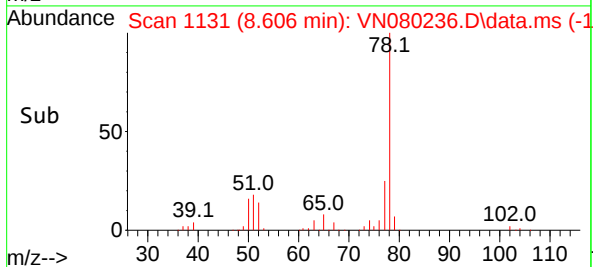
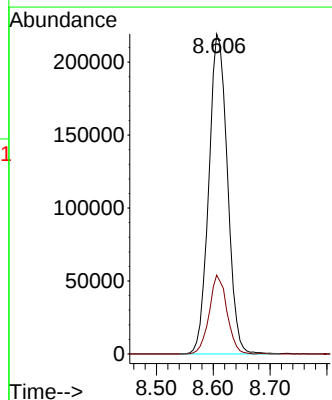
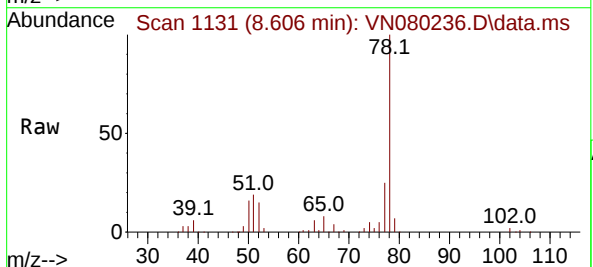
Acq: 22 Nov 2023 10:11

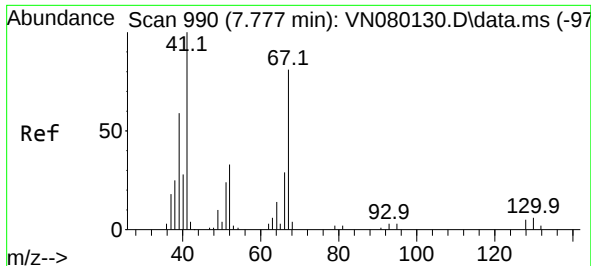
Tgt Ion: 78 Resp: 497893

Ion Ratio Lower Upper

78 100

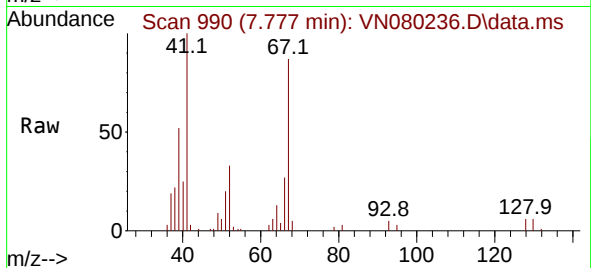
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 51.365 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

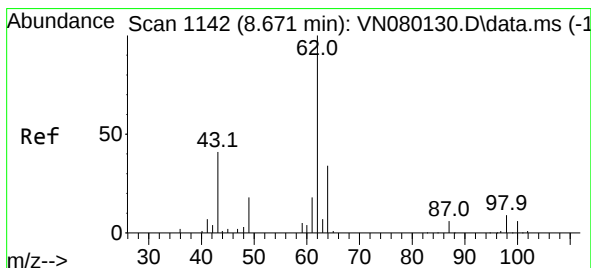
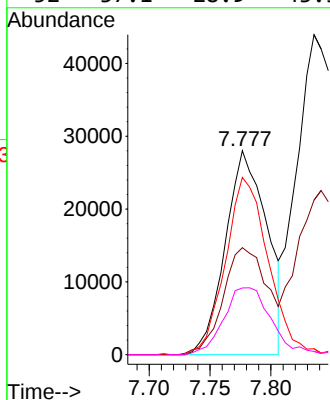
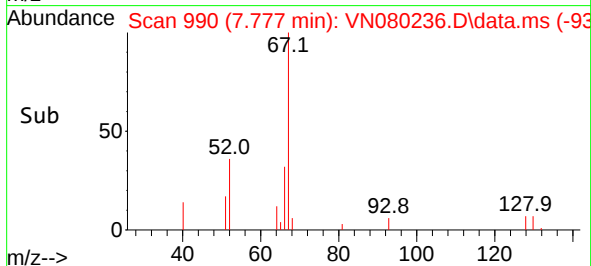
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6674
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 89.6 77.5 116.3
52 37.1 28.9 43.3

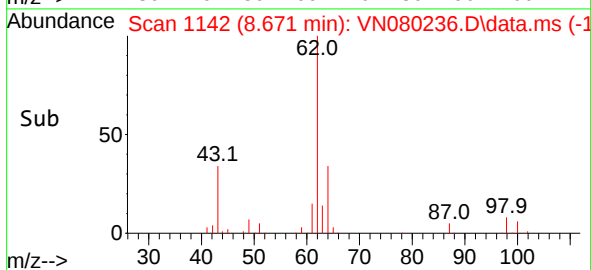
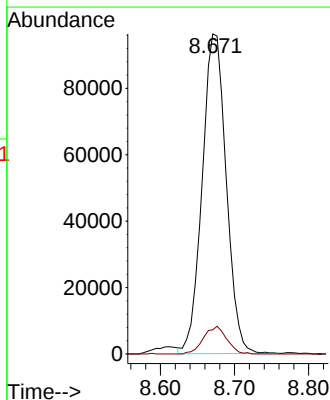
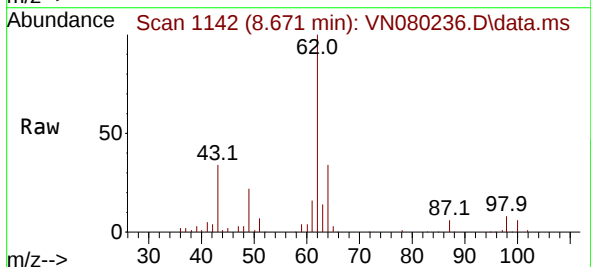
Manual Integrations
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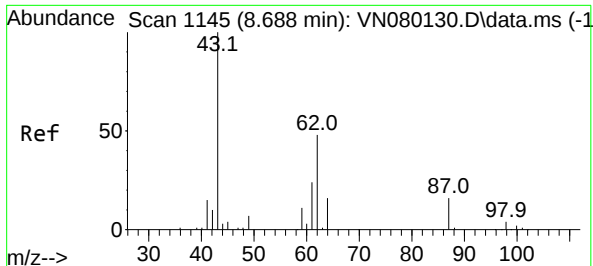
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 54.674 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

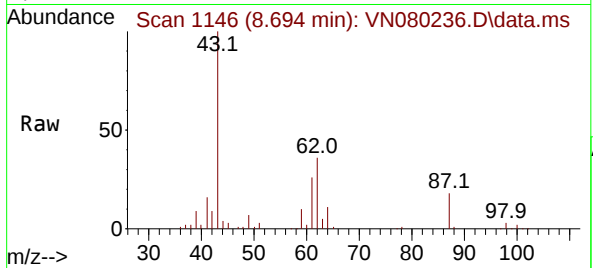
Tgt Ion: 62 Resp: 216858
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.691 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

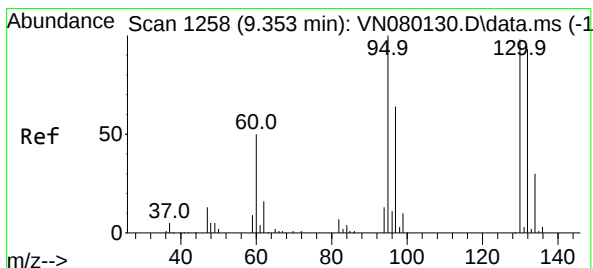
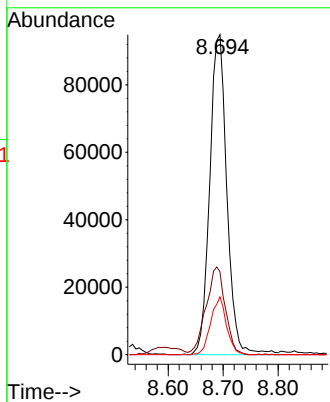
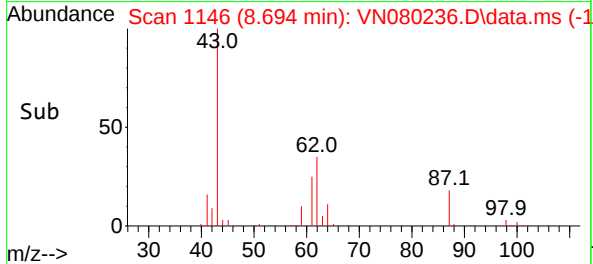
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



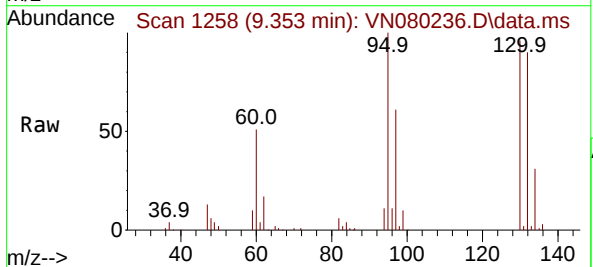
Tgt Ion: 43 Resp: 205770
Ion Ratio Lower Upper
43 100
61 30.8 24.7 37.1
87 16.5 14.6 21.8

Manual Integrations
APPROVED

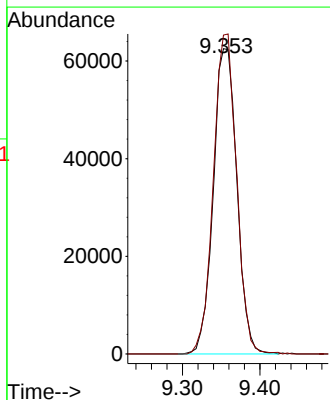
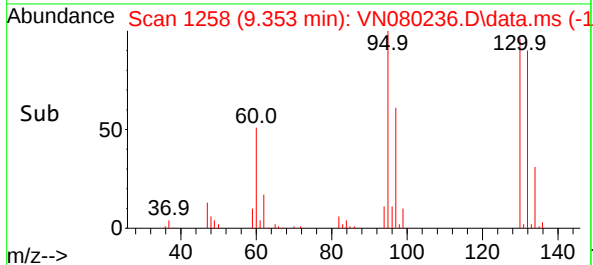
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#44
Trichloroethene
Concen: 52.037 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion:130 Resp: 132334
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.282 ug/l

RT: 9.623 min Scan# 115539

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 115539

Ion Ratio Lower Upper

63 100

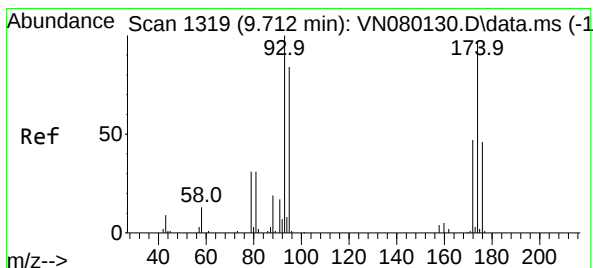
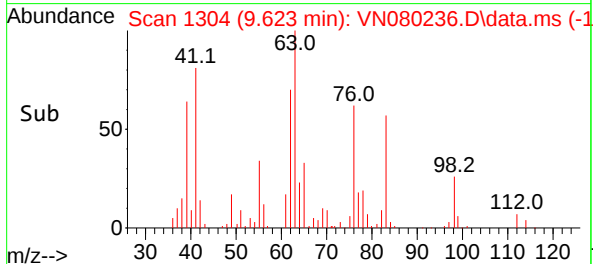
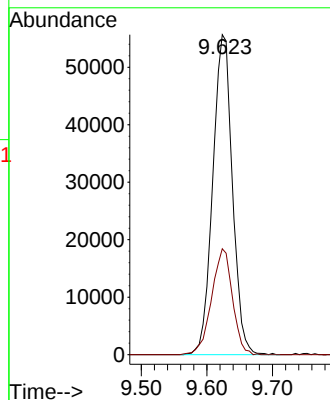
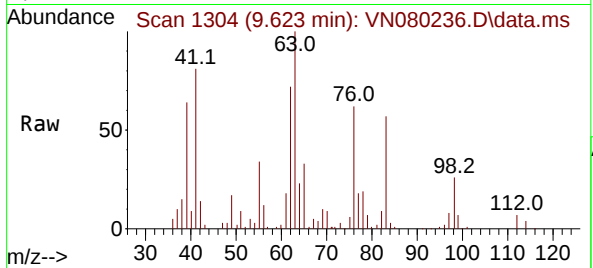
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#46

Dibromomethane

Concen: 53.927 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

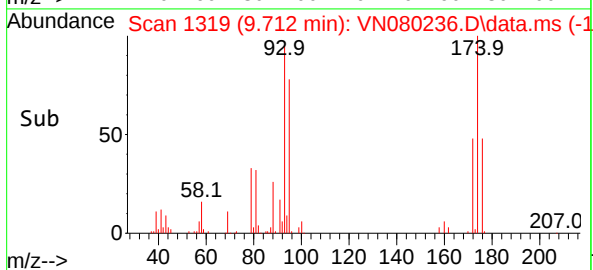
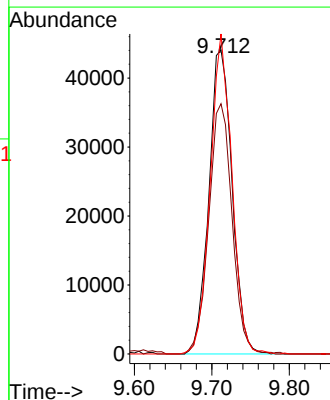
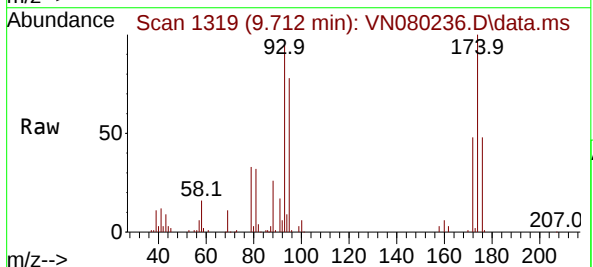
Tgt Ion: 93 Resp: 91970

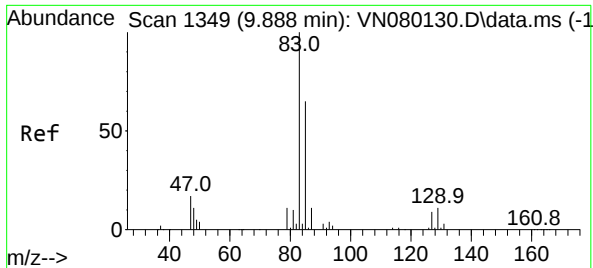
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

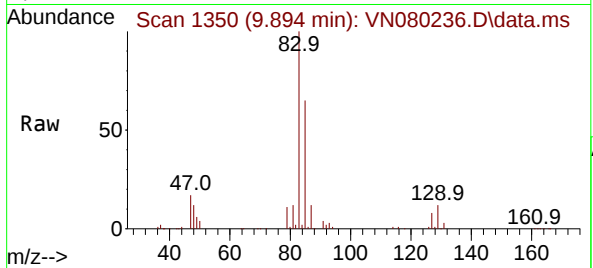
174 98.0 65.6 98.4





#47
Bromodichloromethane
Concen: 54.483 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

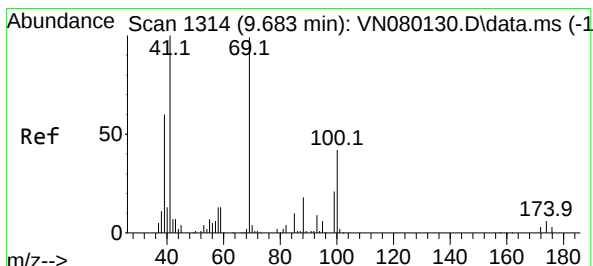
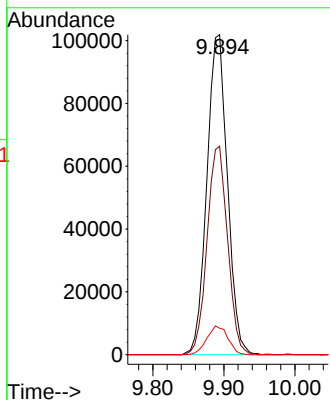
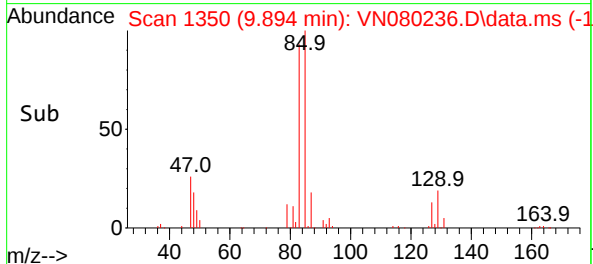
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



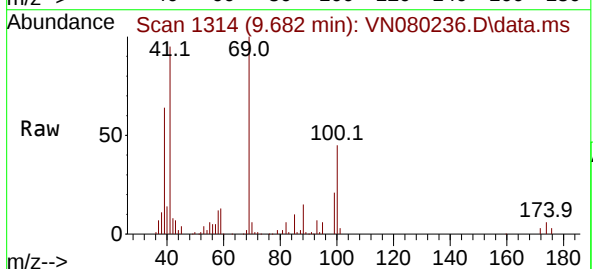
Tgt Ion: 83 Resp: 204394
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

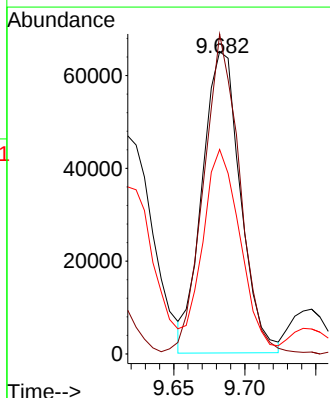
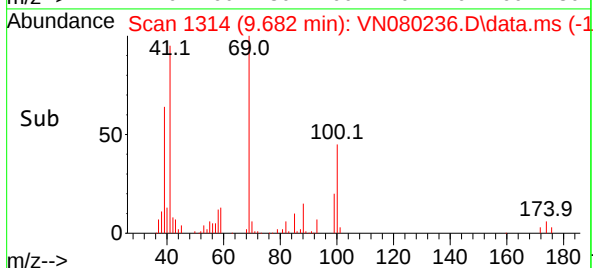
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

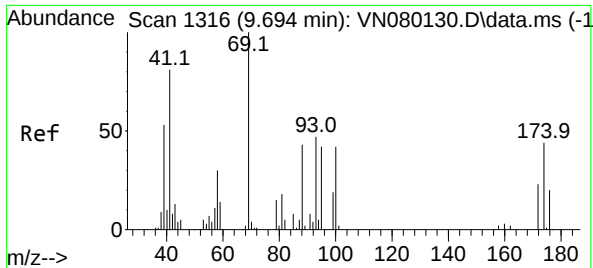


#48
Methyl methacrylate
Concen: 51.225 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



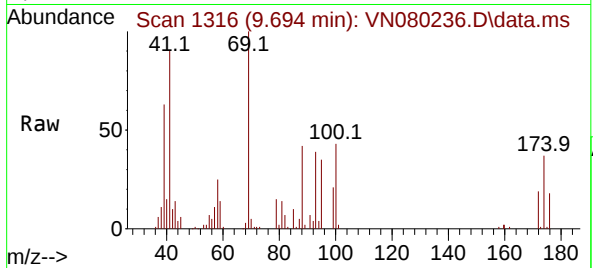
Tgt Ion: 41 Resp: 121547
Ion Ratio Lower Upper
41 100
69 100.7 90.4 135.6
39 67.3 54.6 81.8





#49
1,4-Dioxane
Concen: 1080.471 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

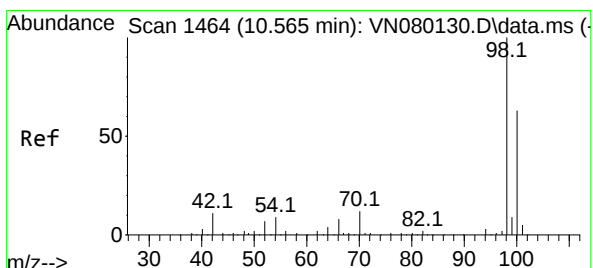
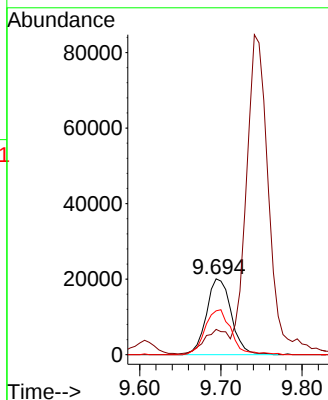
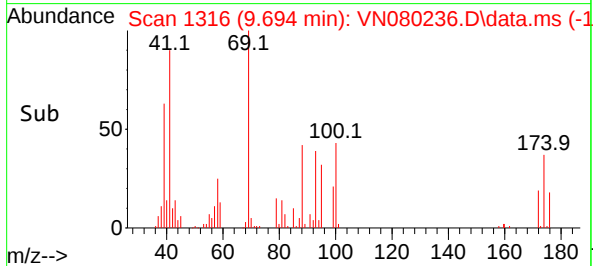
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



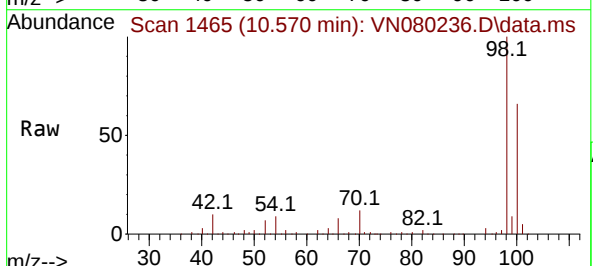
Tgt Ion: 88 Resp: 4265
Ion Ratio Lower Upper
88 100
43 32.1 17.0 25.6
58 62.7 47.0 70.4

Manual Integrations
APPROVED

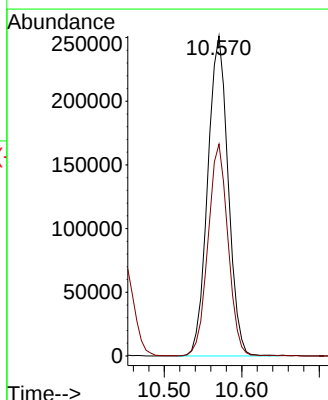
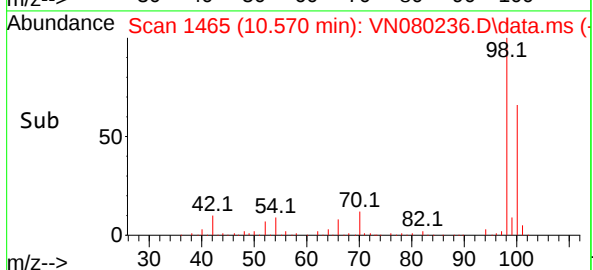
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

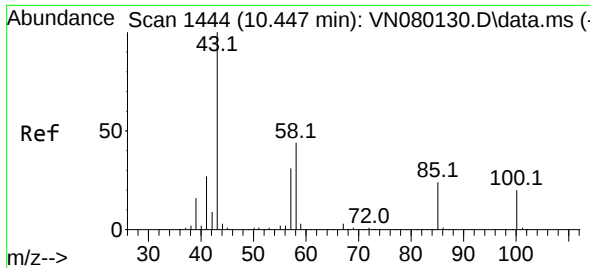


#50
Toluene-d8
Concen: 54.151 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



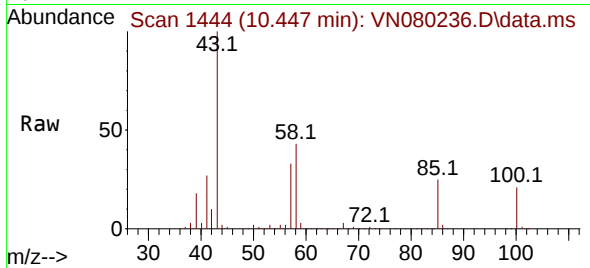
Tgt Ion: 98 Resp: 459917
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 257.392 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

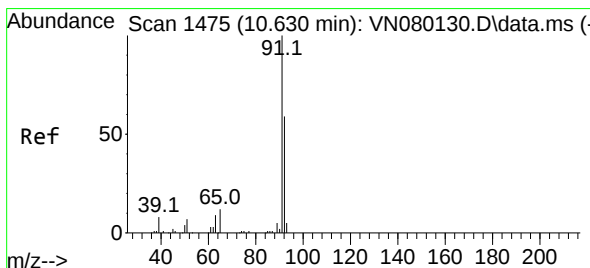
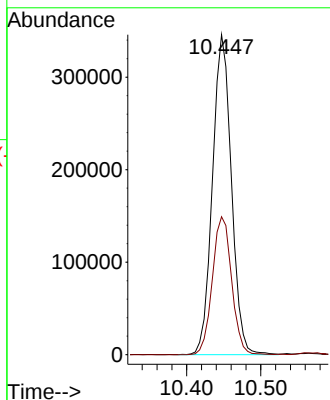
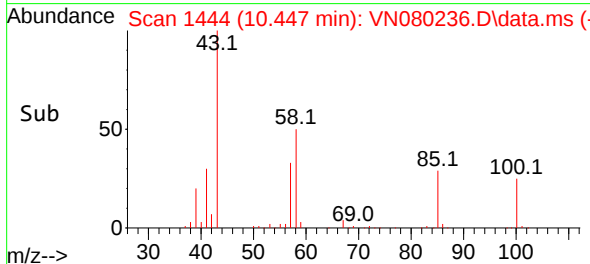
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



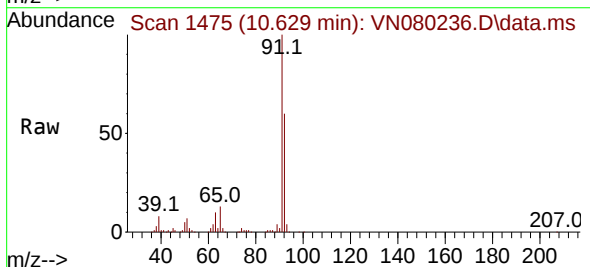
Tgt Ion: 43 Resp: 61356
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8

Manual Integrations
APPROVED

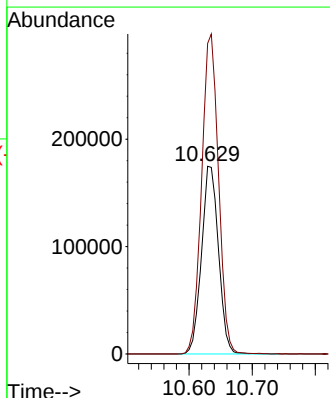
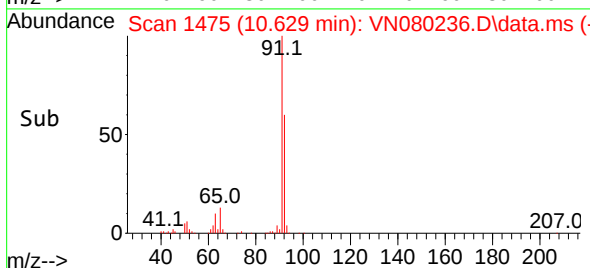
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 53.724 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion: 92 Resp: 325957
Ion Ratio Lower Upper
92 100
91 169.8 137.4 206.0





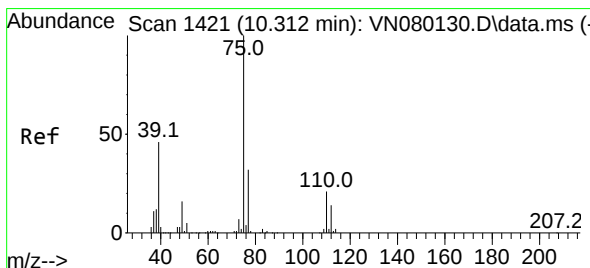
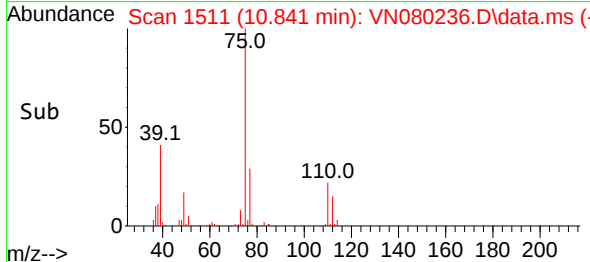
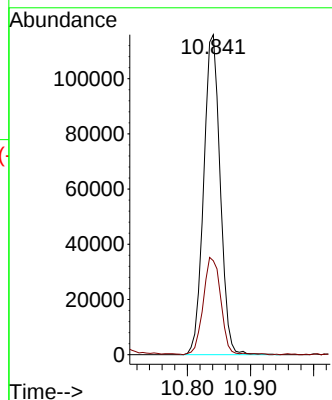
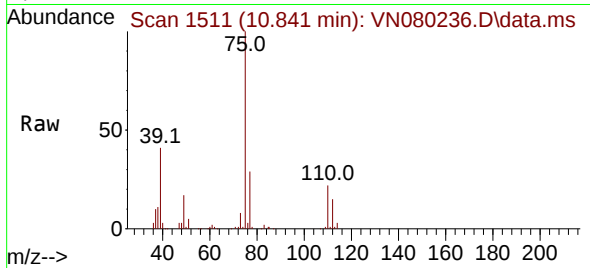
#53
t-1,3-Dichloropropene
Concen: 54.427 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 209780
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.0

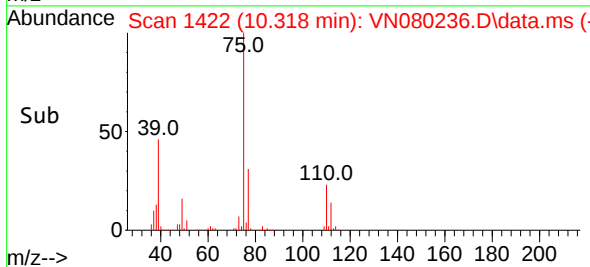
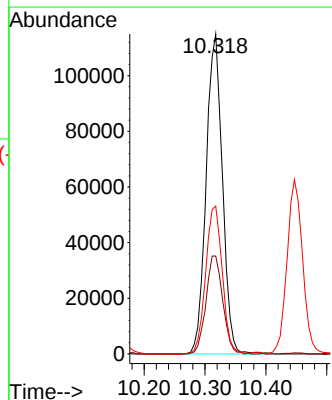
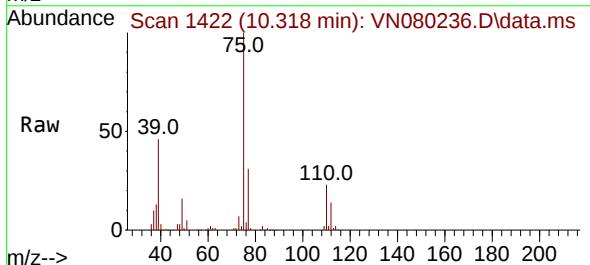
Manual Integrations
APPROVED

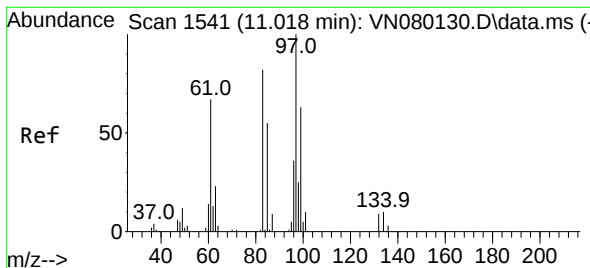
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#54
cis-1,3-Dichloropropene
Concen: 54.223 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 75 Resp: 213524
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 46.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 54.090 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 125250

Ion Ratio Lower Upper

97 100

83 79.7 65.1 97.7

85 54.4 43.4 65.2

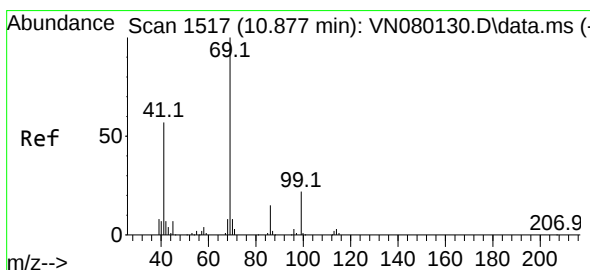
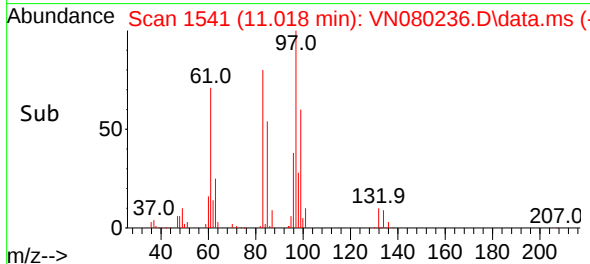
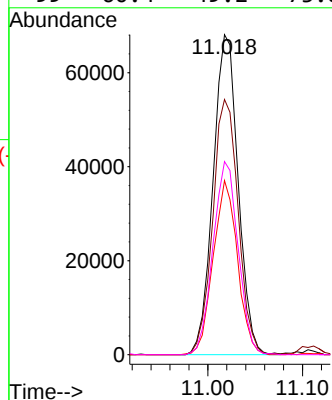
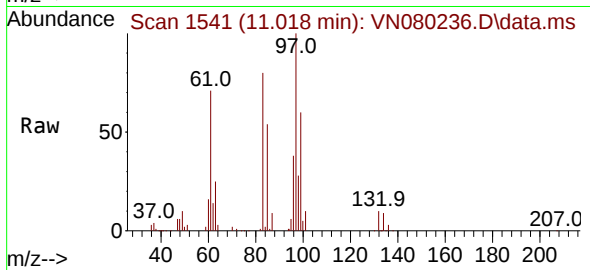
99 60.4 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#56

Ethyl methacrylate

Concen: 54.895 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

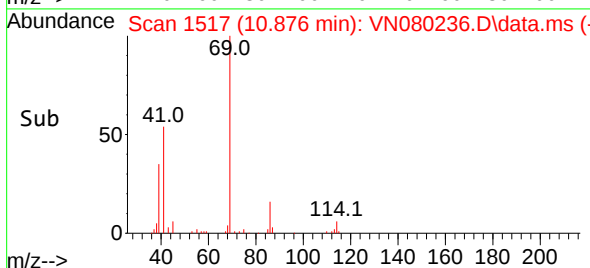
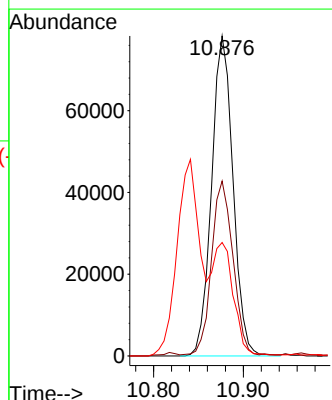
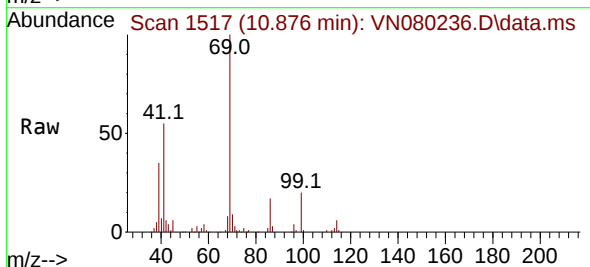
Tgt Ion: 69 Resp: 129865

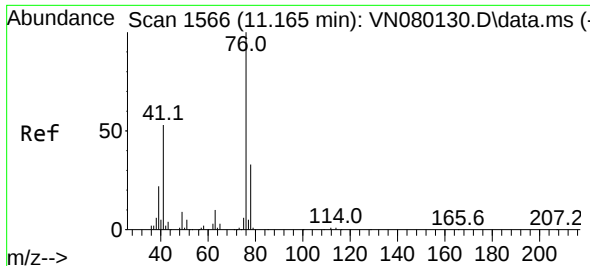
Ion Ratio Lower Upper

69 100

41 54.2 39.6 59.4

39 29.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.303 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 215510

Ion Ratio Lower Upper

76 100

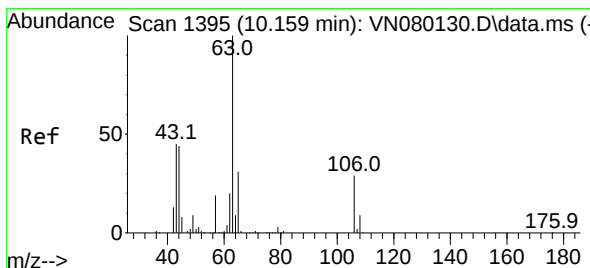
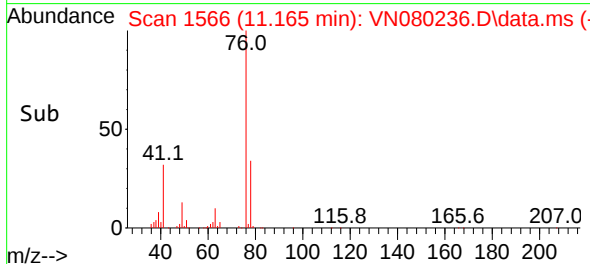
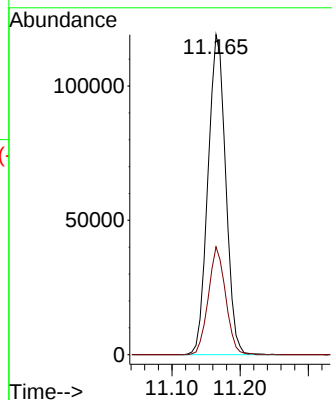
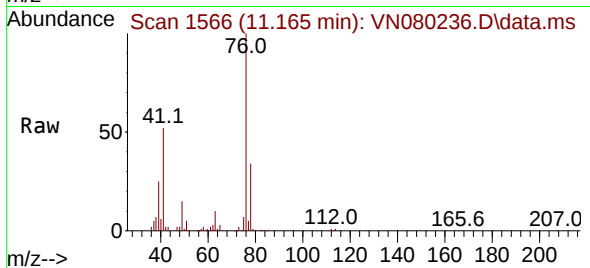
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 281.149 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080236.D

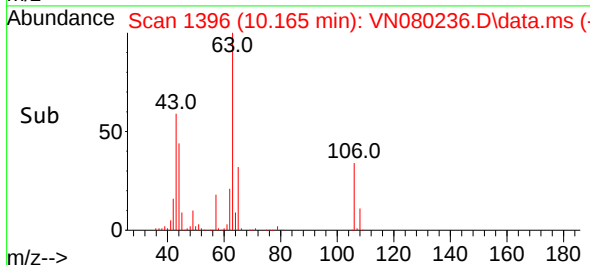
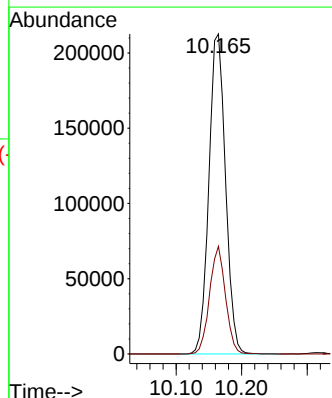
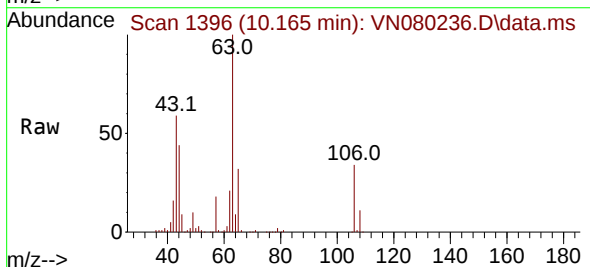
Acq: 22 Nov 2023 10:11

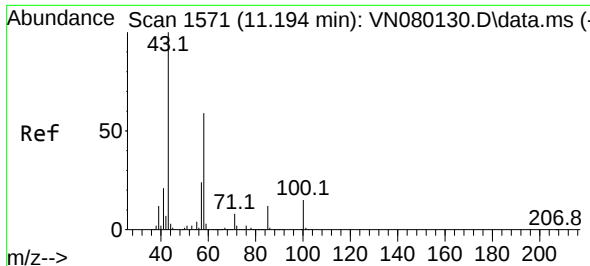
Tgt Ion: 63 Resp: 374703

Ion Ratio Lower Upper

63 100

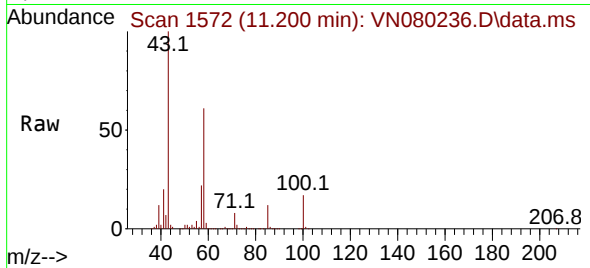
106 32.2 26.2 39.4





#59
2-Hexanone
Concen: 262.560 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

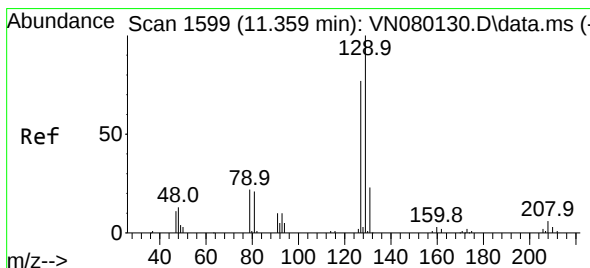
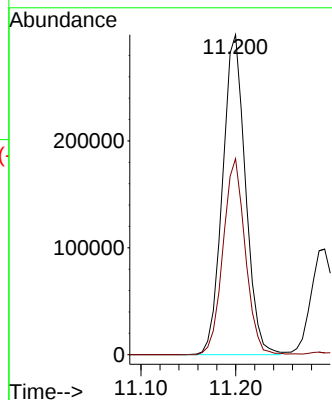
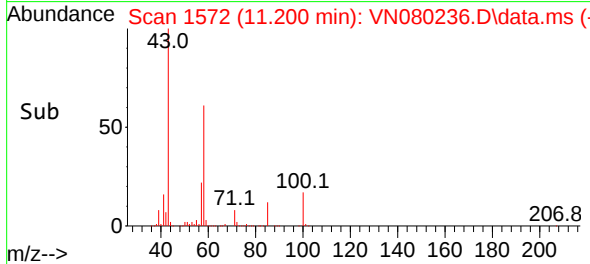
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 502930
Ion Ratio Lower Upper
43 100
58 59.6 31.7 95.1

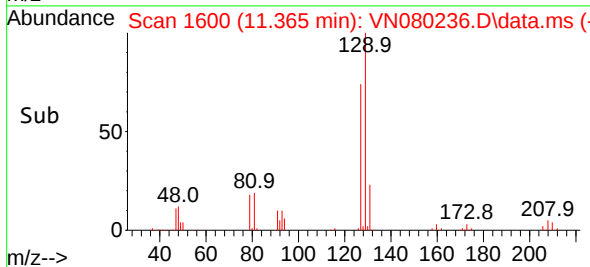
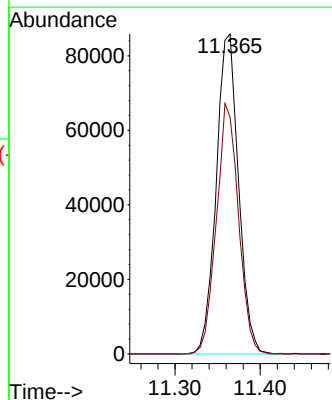
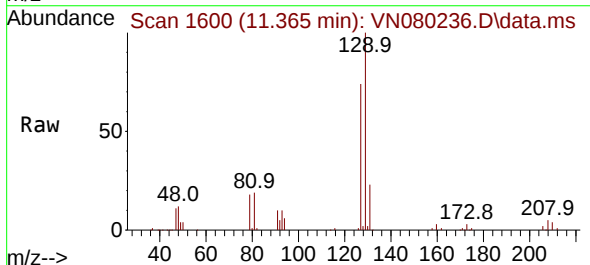
Manual Integrations
APPROVED

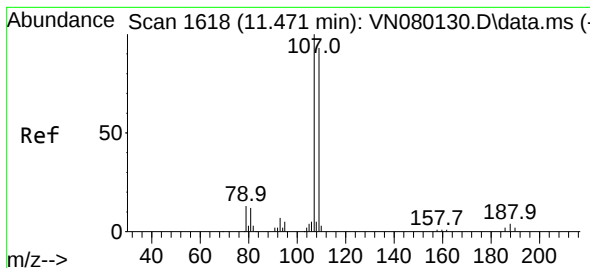
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 56.443 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:129 Resp: 156483
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





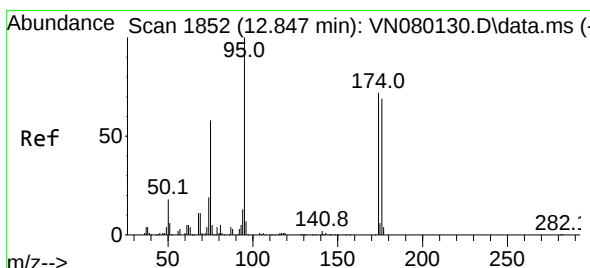
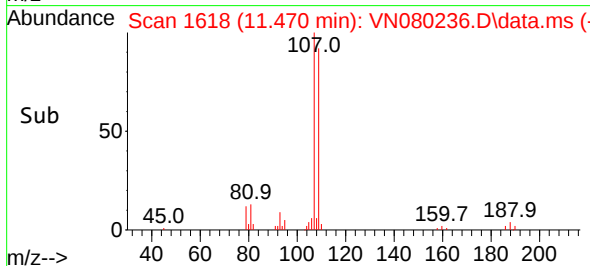
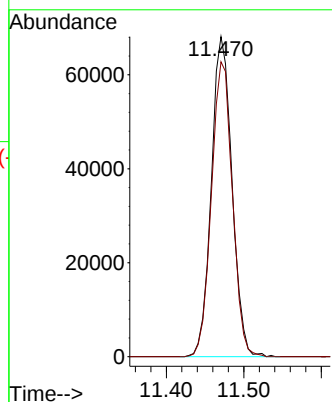
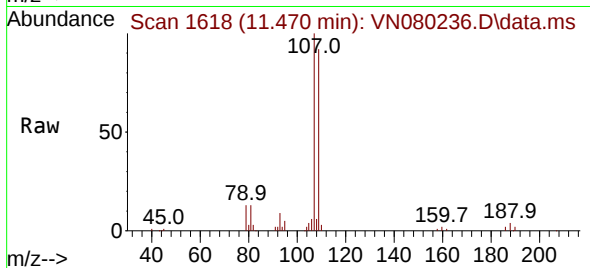
#61
1,2-Dibromoethane
Concen: 53.393 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 126130
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

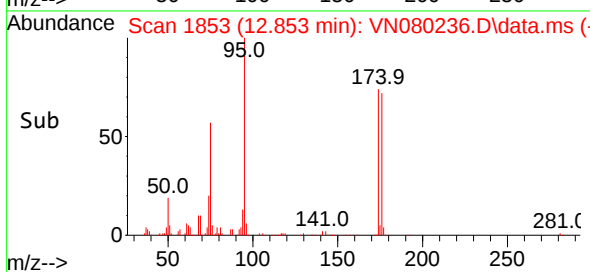
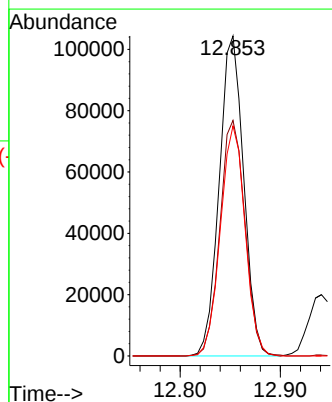
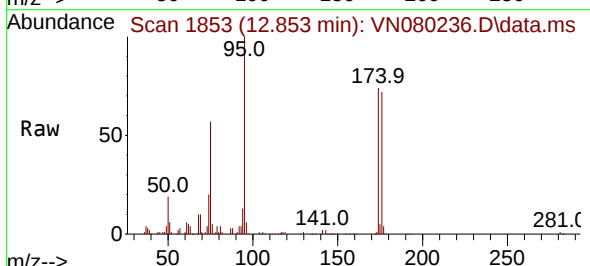
Manual Integrations
APPROVED

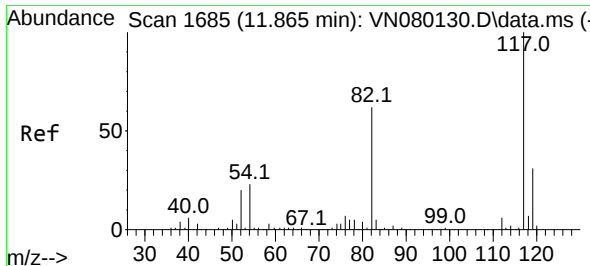
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#62
4-Bromofluorobenzene
Concen: 54.938 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion: 95 Resp: 176244
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.5 0.0 135.8





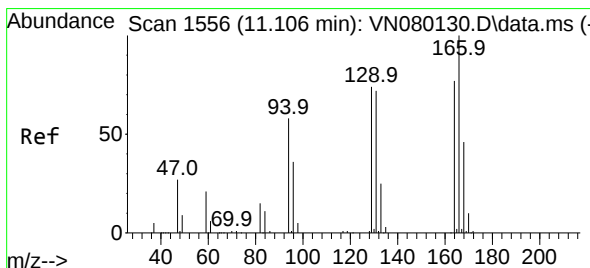
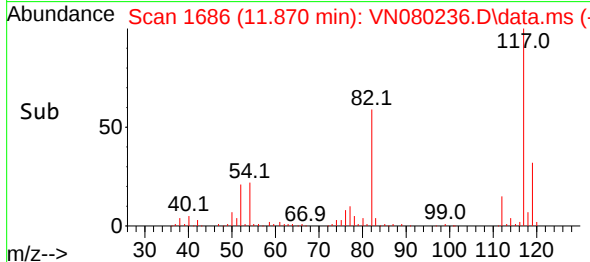
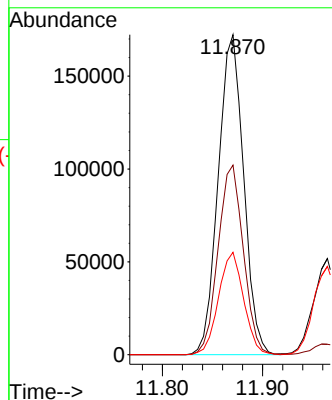
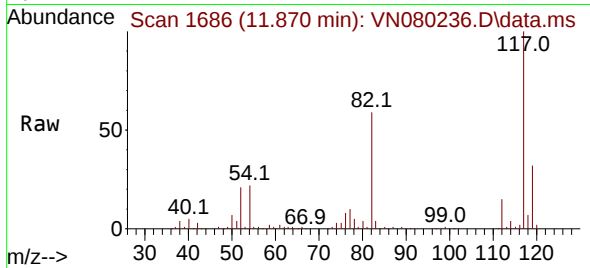
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 30356
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 32.0 25.6 38.4

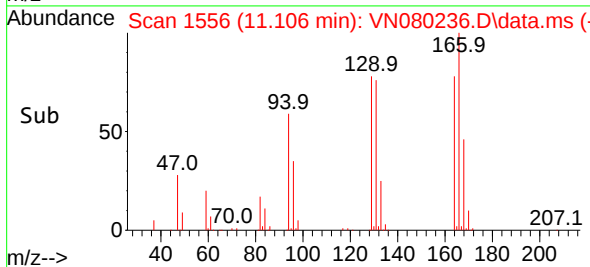
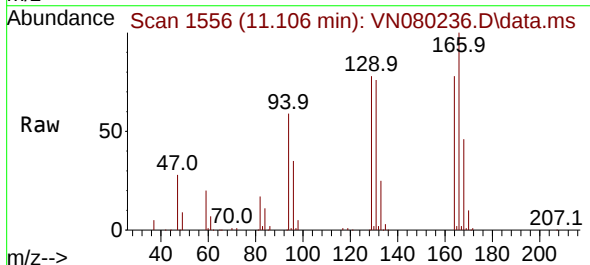
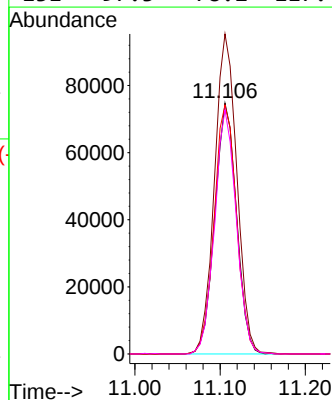
Manual Integrations
APPROVED

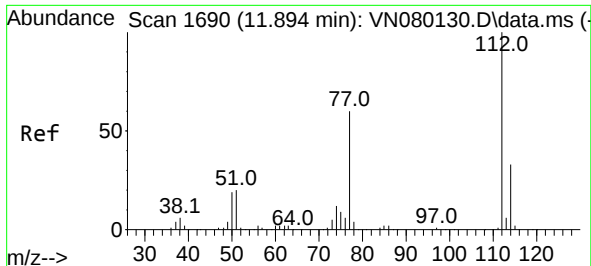
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 57.192 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:164 Resp: 132497
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.0
129 99.3 82.4 123.6
131 97.3 78.2 117.4





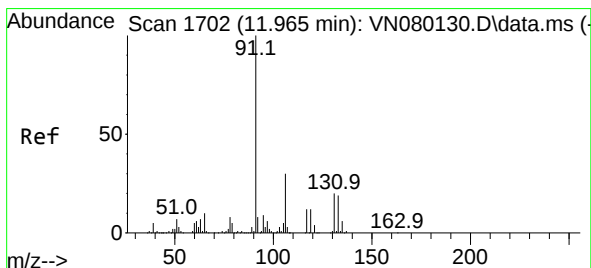
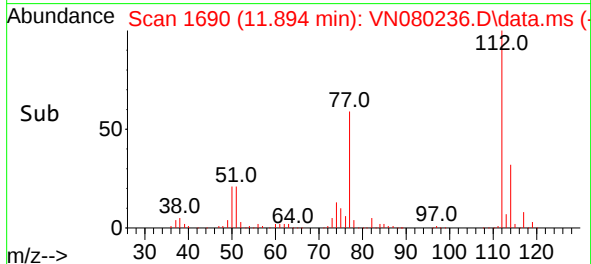
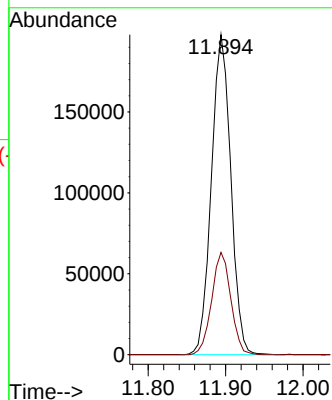
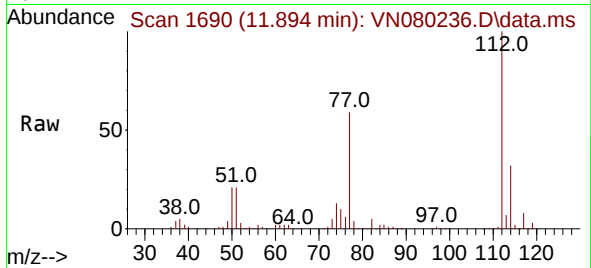
#65
Chlorobenzene
Concen: 50.068 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 344390
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

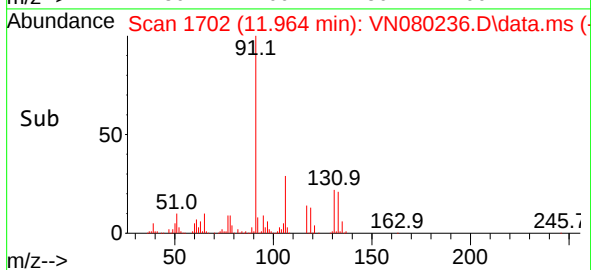
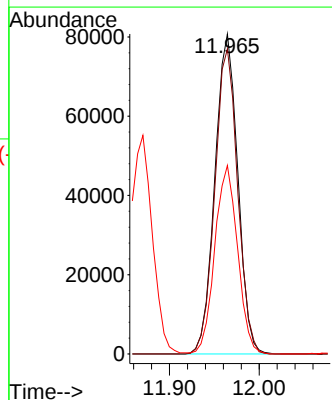
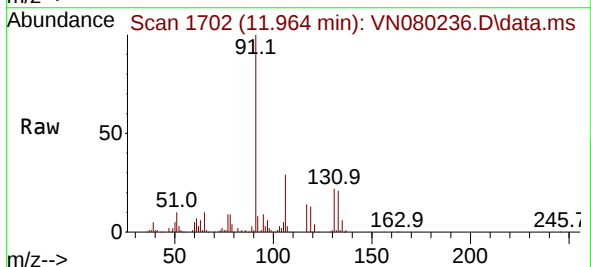
Manual Integrations
APPROVED

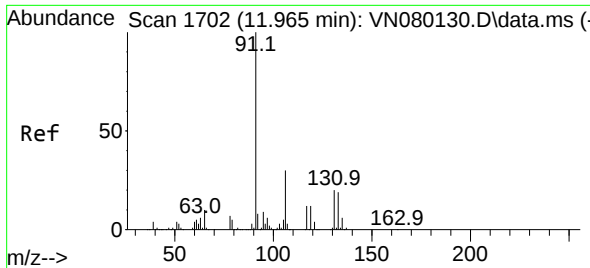
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.586 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:131 Resp: 143040
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 58.7 34.1 102.2





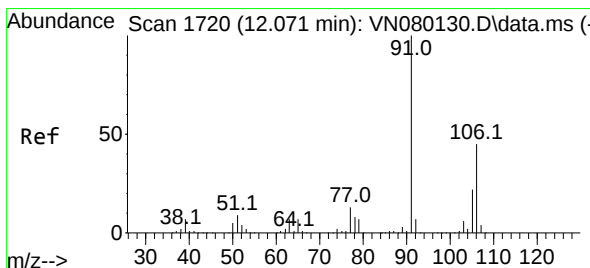
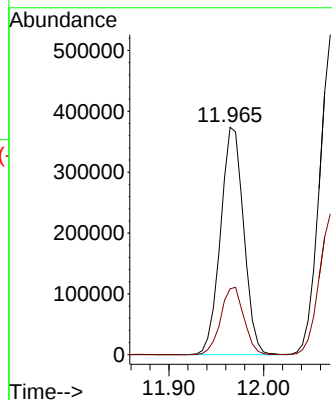
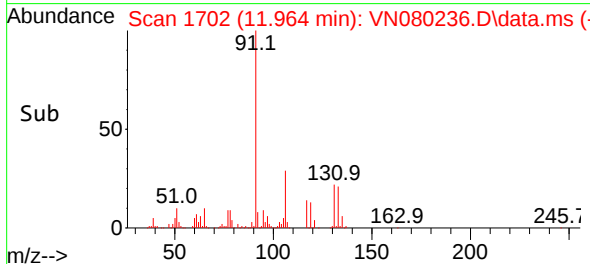
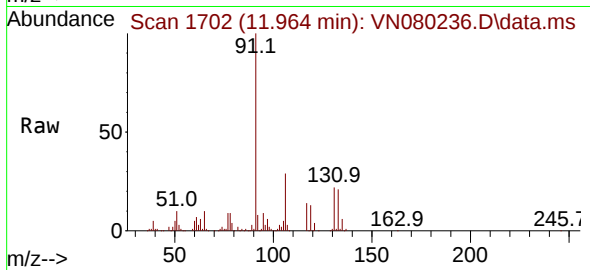
#67
Ethyl Benzene
Concen: 52.012 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 63663
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

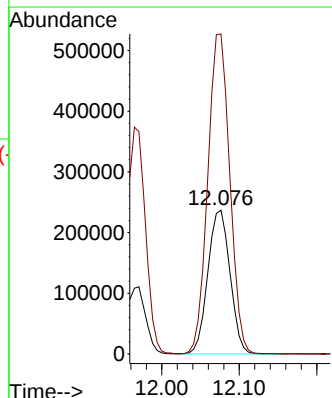
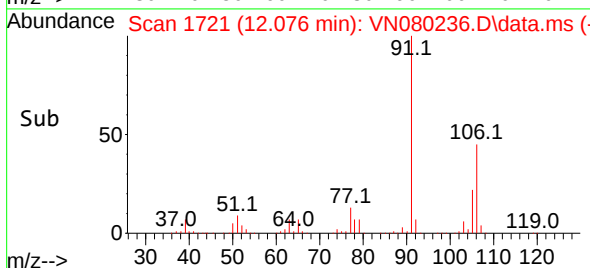
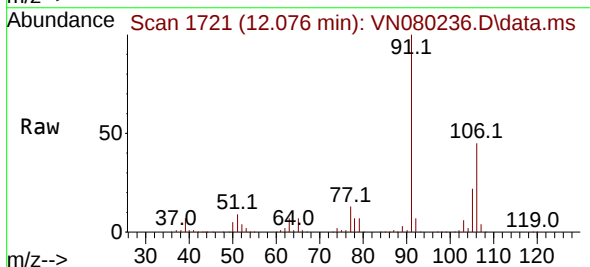
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#68
m/p-Xylenes
Concen: 105.622 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:106 Resp: 471370
Ion Ratio Lower Upper
106 100
91 221.5 159.6 239.4





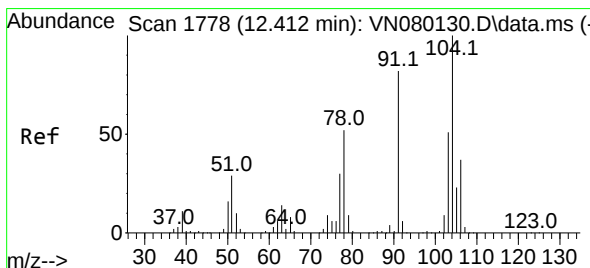
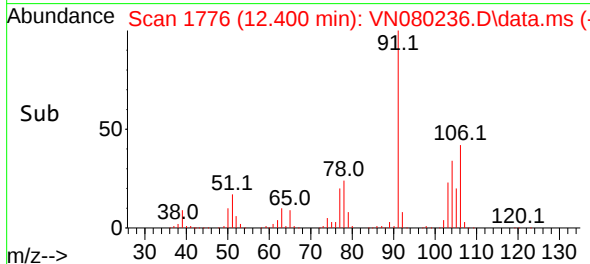
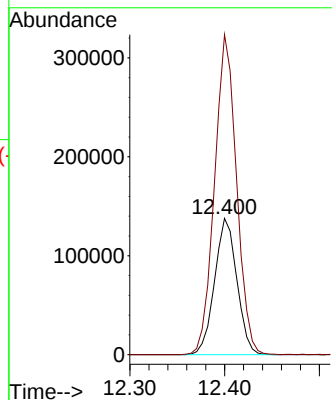
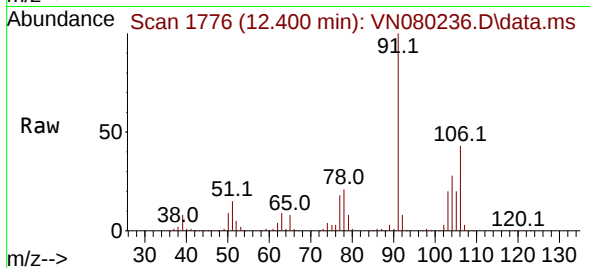
#69
o-Xylene
Concen: 53.487 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 224959
Ion Ratio Lower Upper
106 100
91 232.1 105.2 315.5

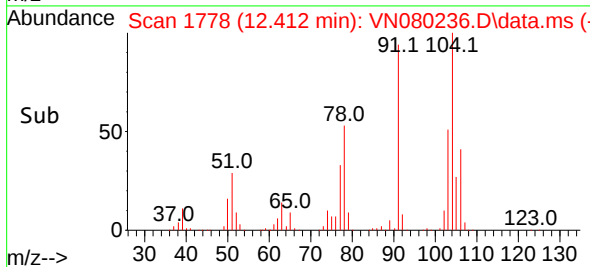
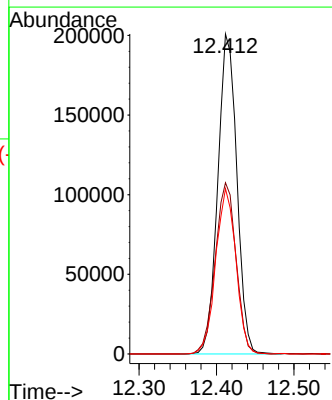
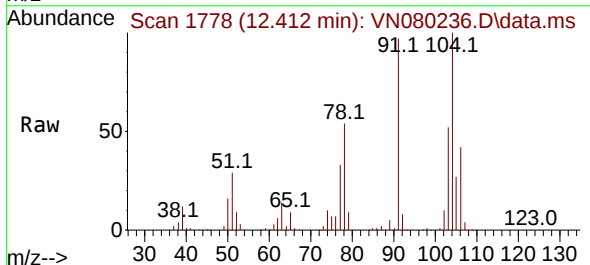
Manual Integrations
APPROVED

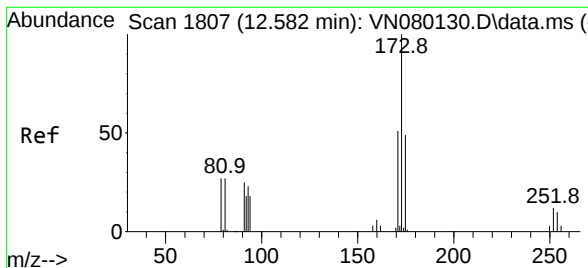
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 54.769 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

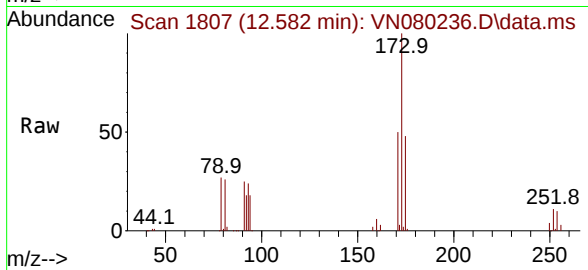
Tgt Ion:104 Resp: 342853
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 54.8 43.2 64.8





#71
Bromoform
Concen: 54.296 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

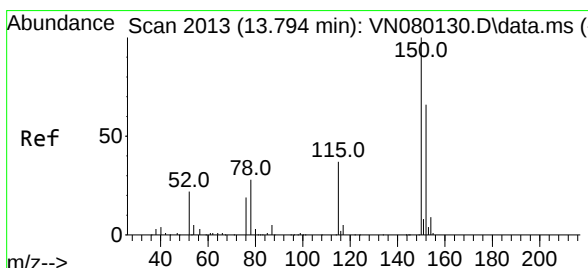
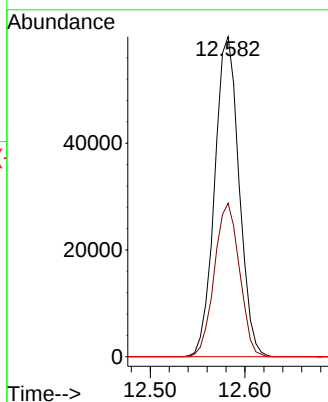
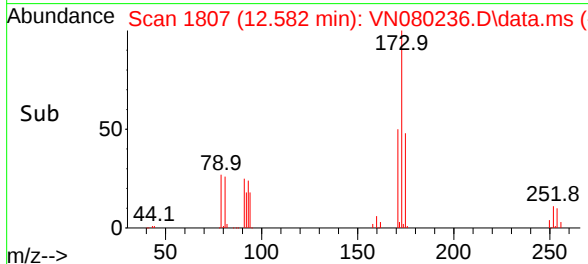
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 10748
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

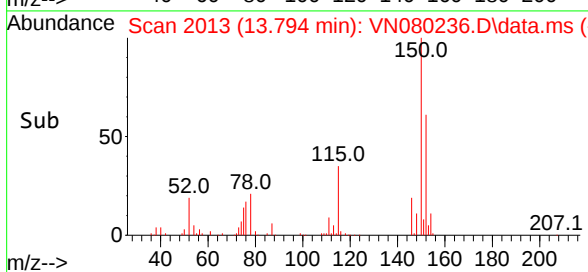
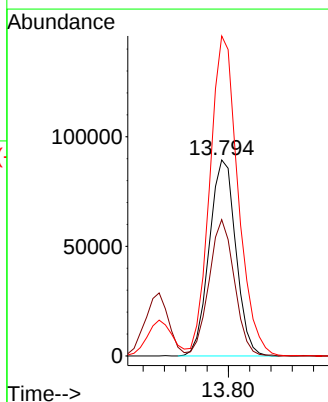
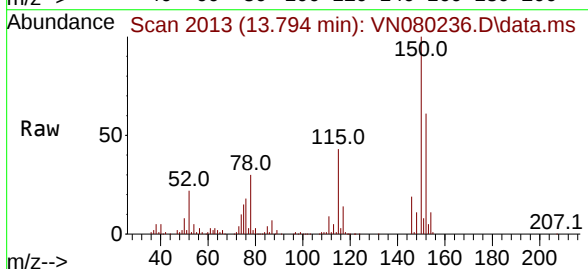
Manual Integrations
APPROVED

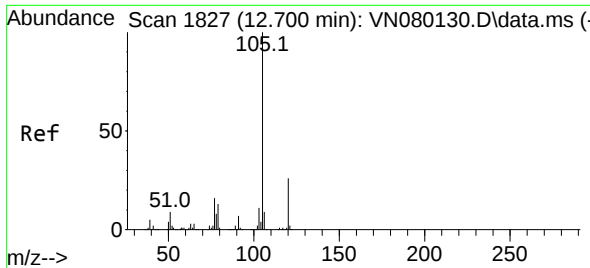
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

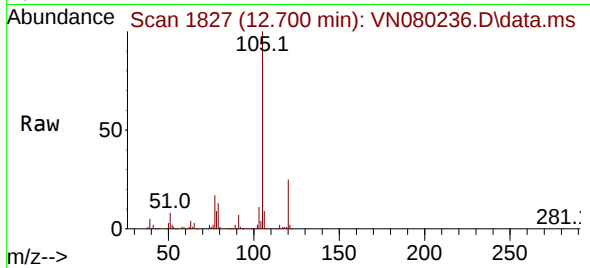
Tgt Ion:152 Resp: 154723
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 173.6 0.0 355.8





#73
Isopropylbenzene
Concen: 50.676 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

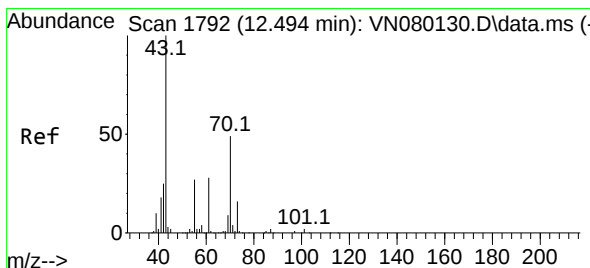
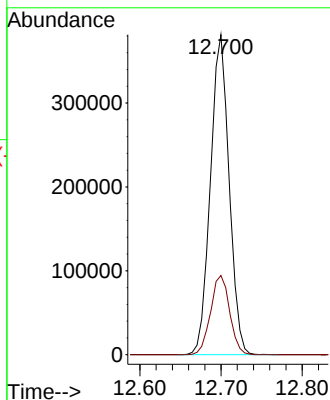
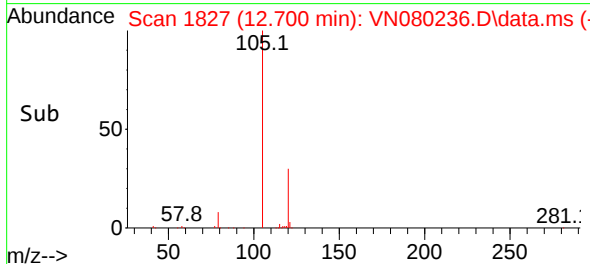
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



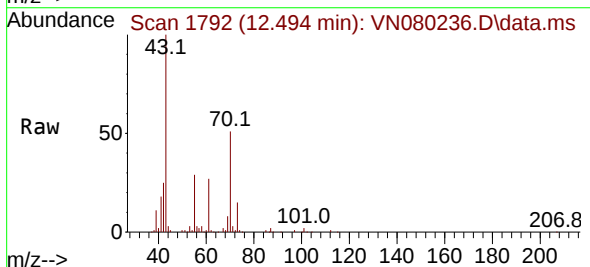
Tgt Ion:105 Resp: 60928
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

Manual Integrations
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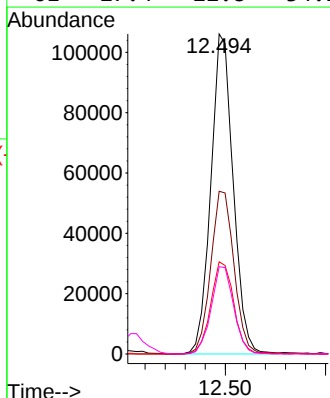
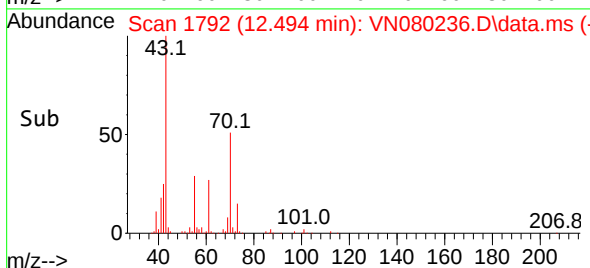
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

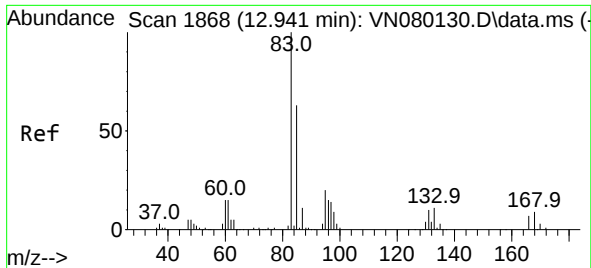


#74
N-ethyl acetate
Concen: 43.822 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



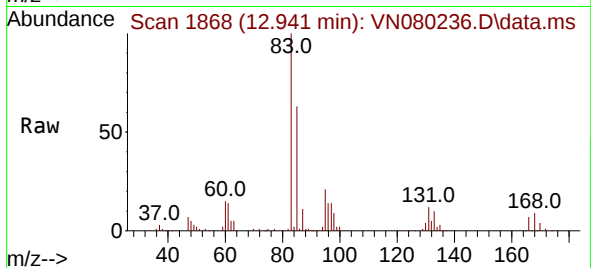
Tgt Ion: 43 Resp: 164303
Ion Ratio Lower Upper
43 100
70 52.9 43.4 65.2
55 29.7 21.4 32.0
61 27.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.067 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

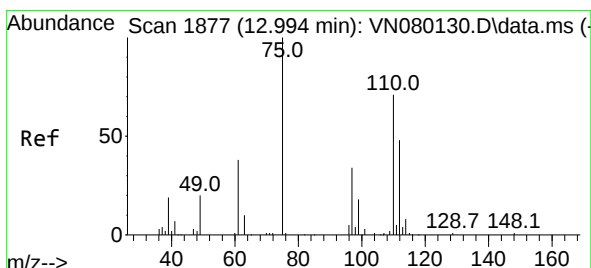
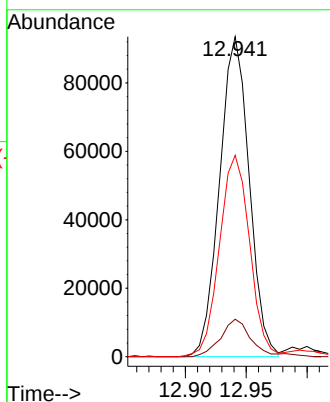
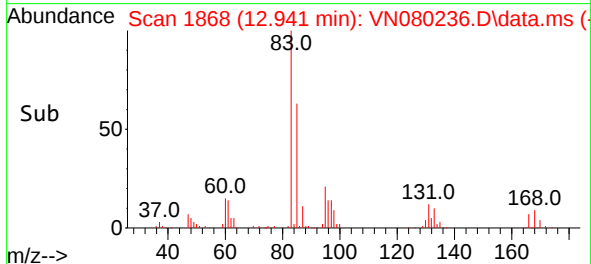
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



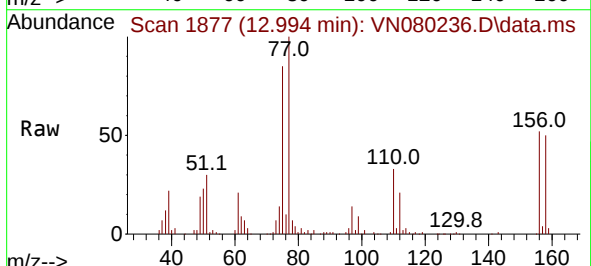
Tgt Ion: 83 Resp: 15857
Ion Ratio Lower Upper
83 100
131 12.2 5.0 15.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

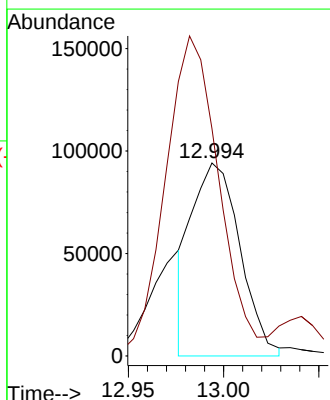
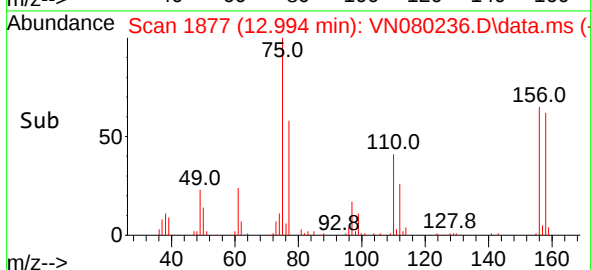
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

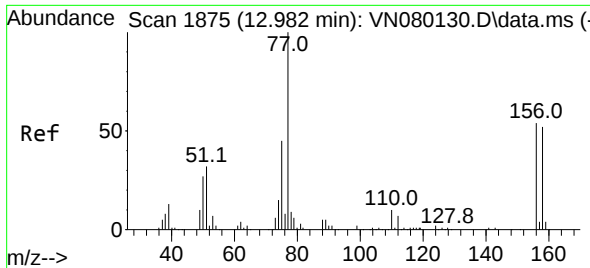


#76
1,2,3-Trichloropropane
Concen: 43.738 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



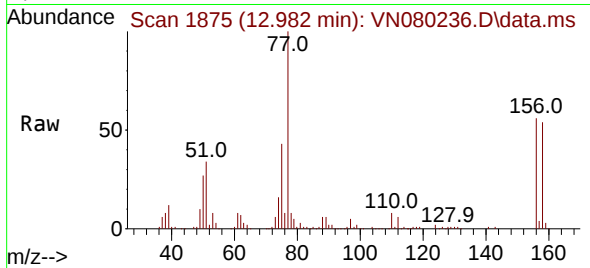
Tgt Ion: 75 Resp: 165808
Ion Ratio Lower Upper
75 100
77 185.8 84.5 253.5





#77
Bromobenzene
Concen: 49.501 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

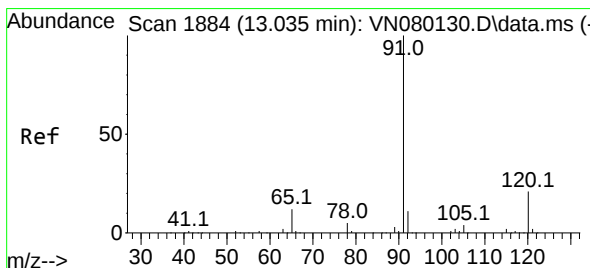
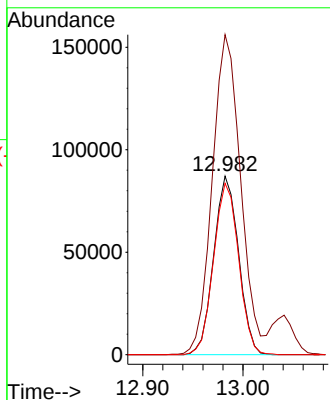
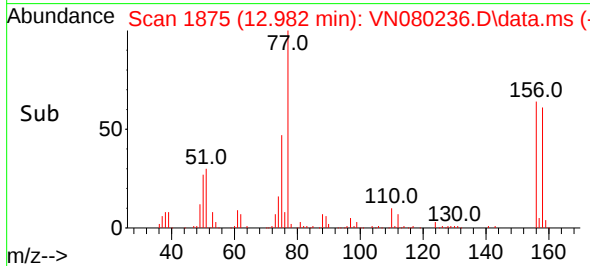
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



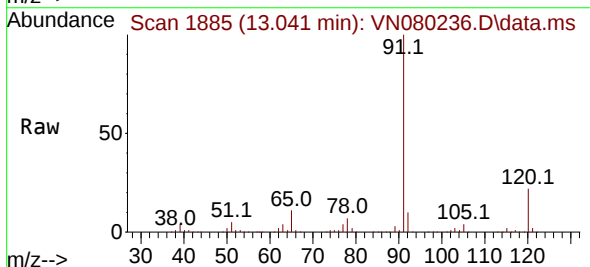
Tgt Ion:156 Resp: 150052
Ion Ratio Lower Upper
156 100
77 205.3 107.7 323.3
158 96.8 48.4 145.3

Manual Integrations
APPROVED

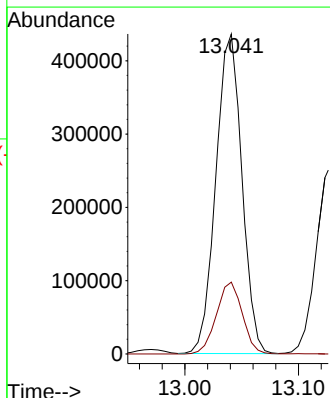
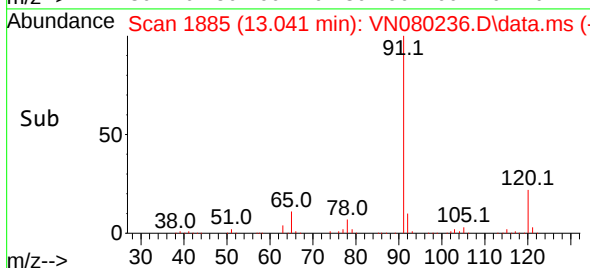
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

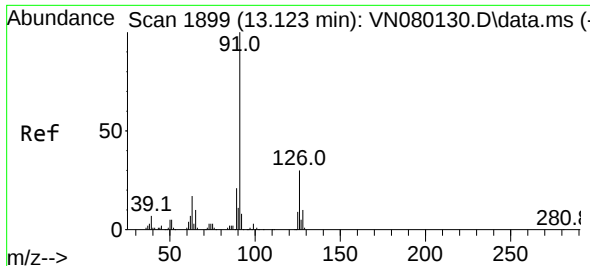


#78
n-propylbenzene
Concen: 51.611 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



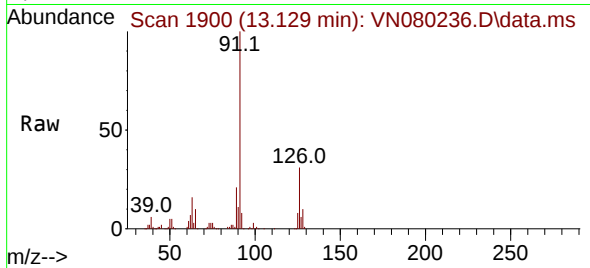
Tgt Ion: 91 Resp: 693891
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 50.389 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

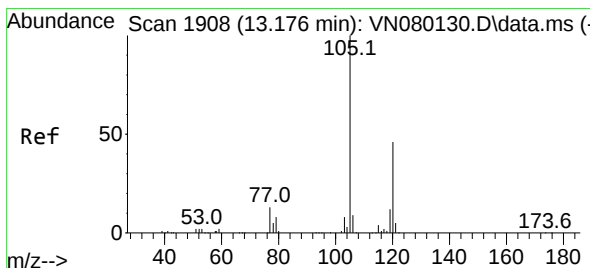
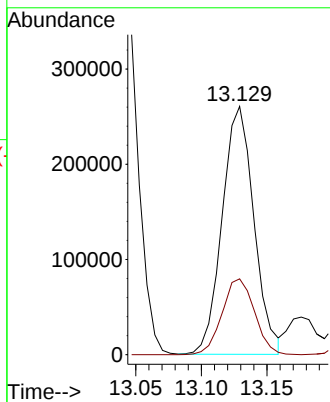
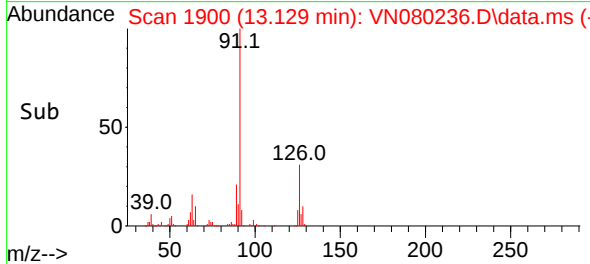
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 44000
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

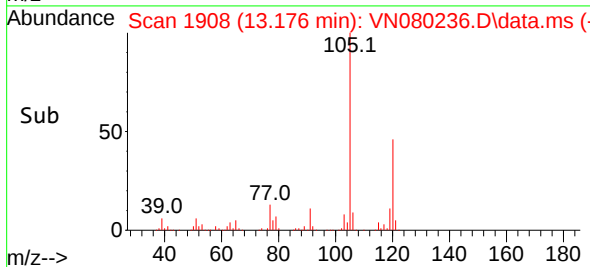
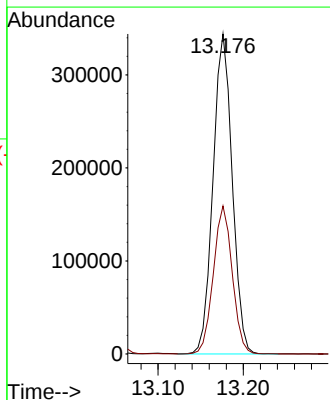
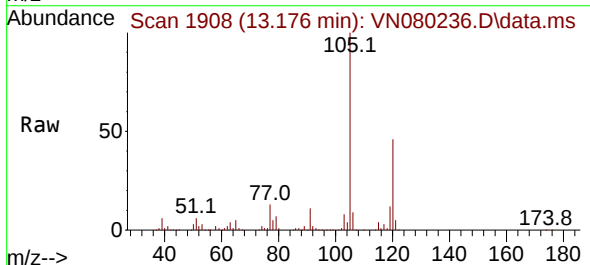
Manual Integrations
APPROVED

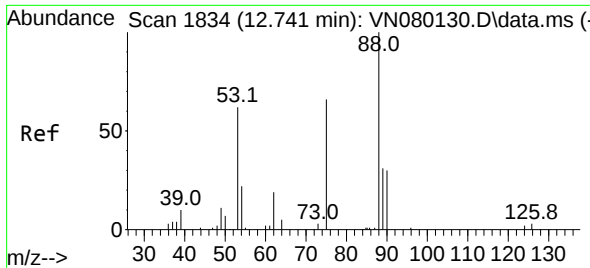
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.468 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:105 Resp: 538670
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





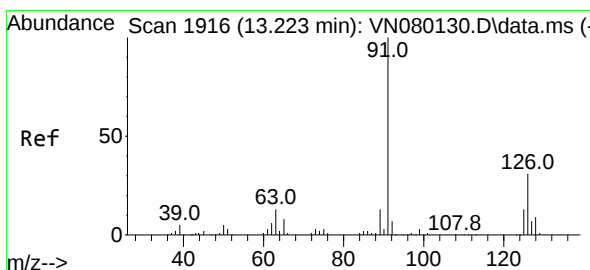
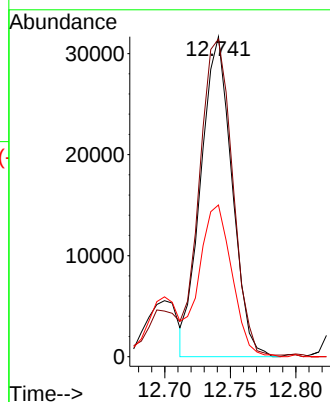
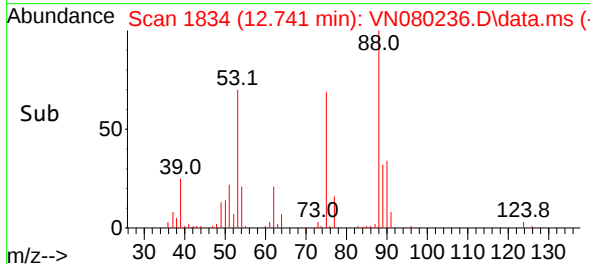
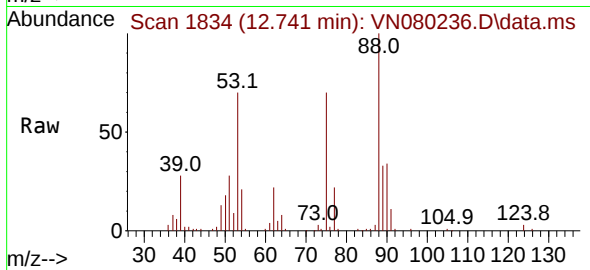
#81
trans-1,4-Dichloro-2-butene
Concen: 46.434 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5210
Ion Ratio Lower Upper
75 100
53 104.6 67.4 101.2
89 50.3 38.8 58.2

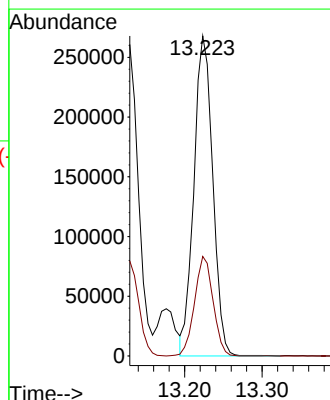
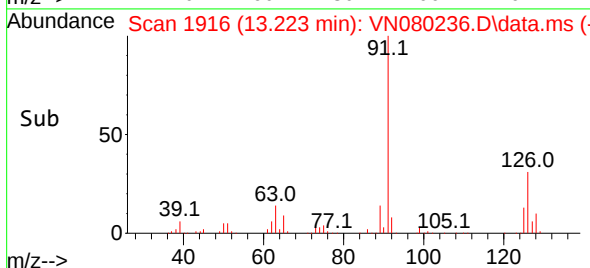
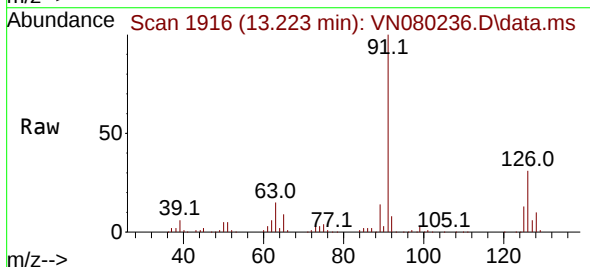
Manual Integrations
APPROVED

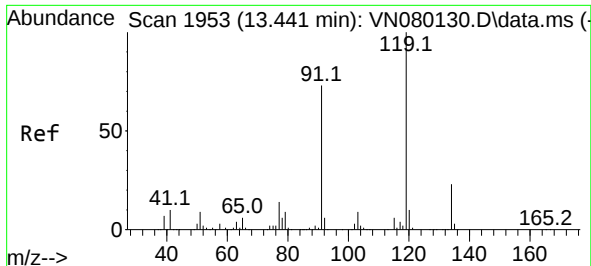
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 50.593 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

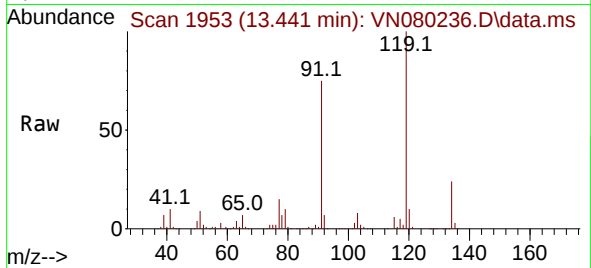
Tgt Ion: 91 Resp: 452589
Ion Ratio Lower Upper
91 100
126 30.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.840 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

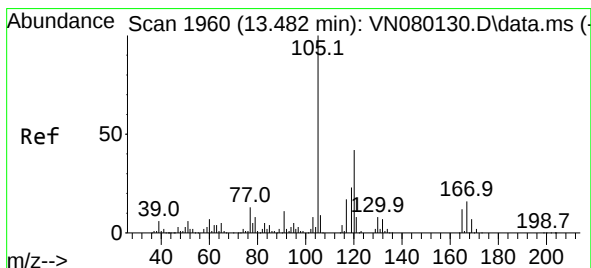
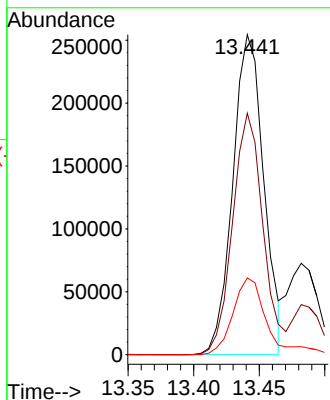
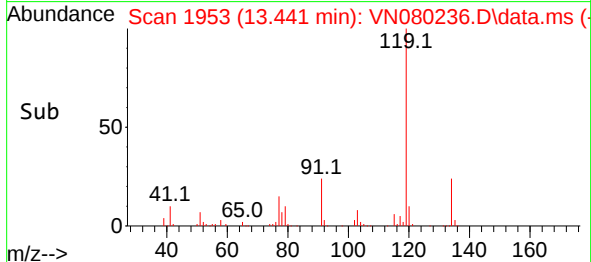
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



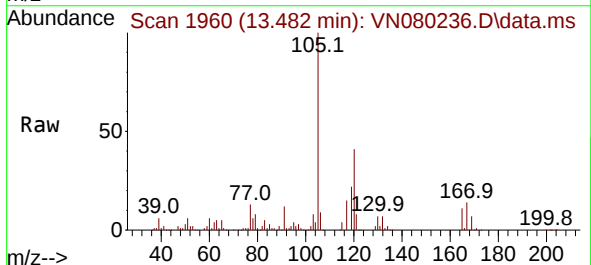
Tgt Ion:119 Resp: 418308
Ion Ratio Lower Upper
119 100
91 74.5 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
APPROVED

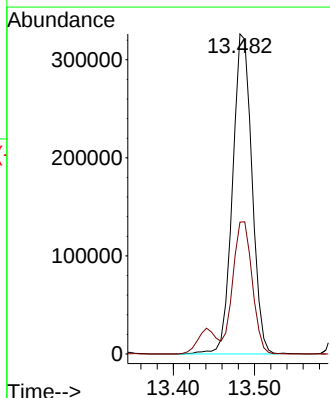
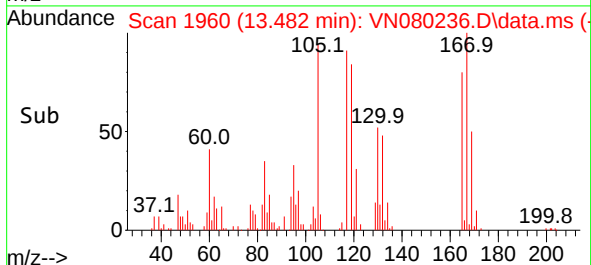
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

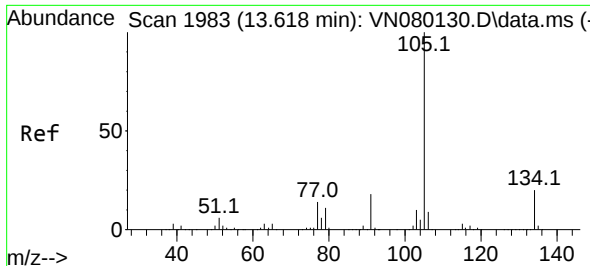


#84
1,2,4-Trimethylbenzene
Concen: 52.475 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion:105 Resp: 540786
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0





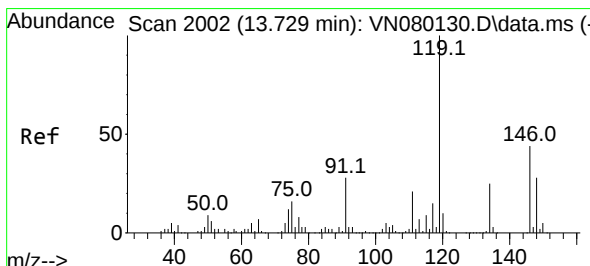
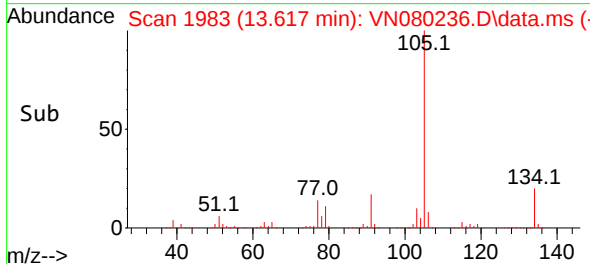
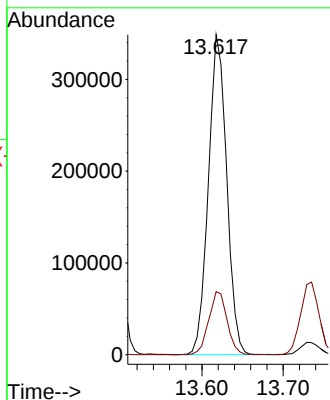
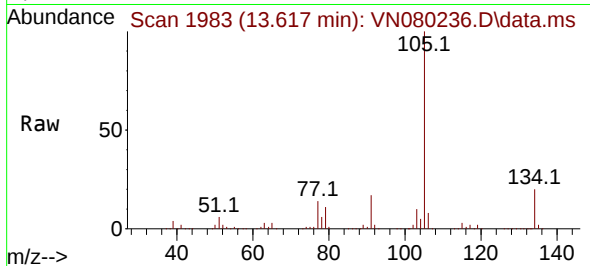
#85
 sec-Butylbenzene
 Concen: 51.422 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 54597
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

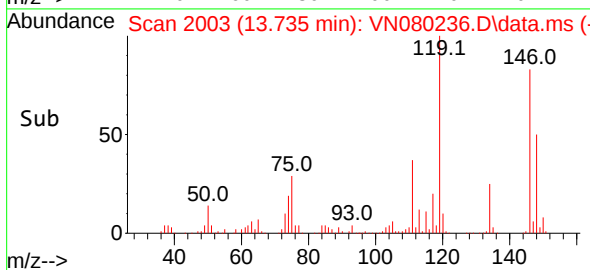
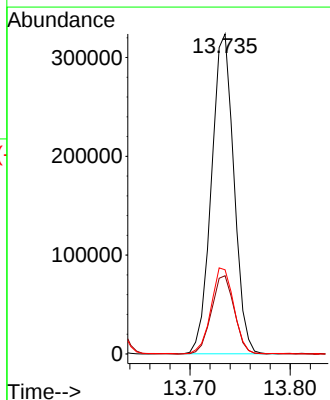
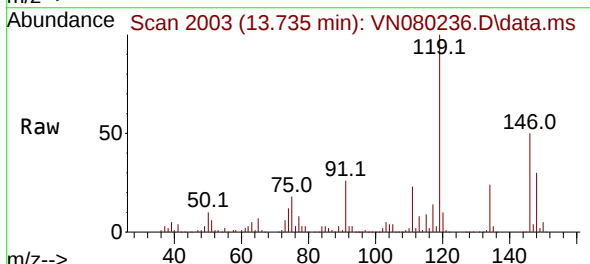
Manual Integrations
 APPROVED

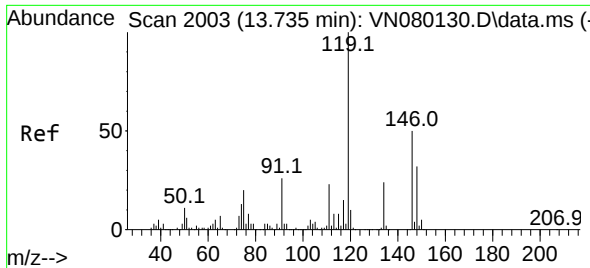
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#86
 p-Isopropyltoluene
 Concen: 52.947 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080236.D
 Acq: 22 Nov 2023 10:11

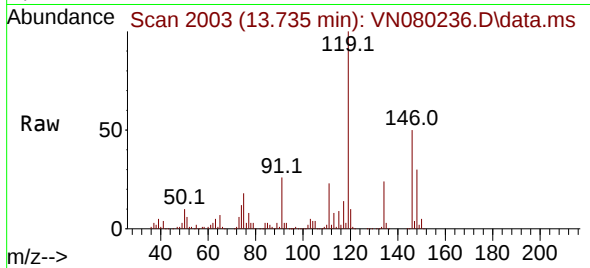
Tgt Ion:119 Resp: 502177
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.882 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

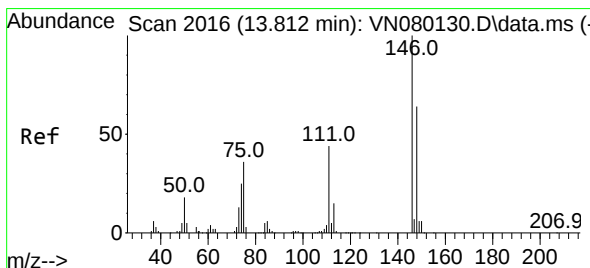
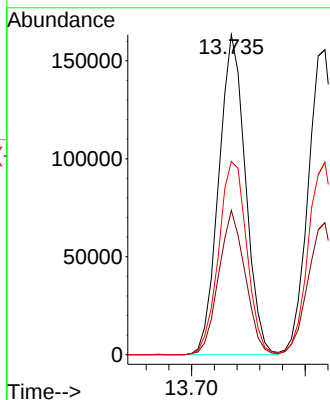
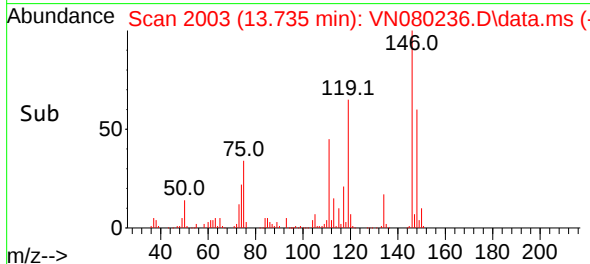
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



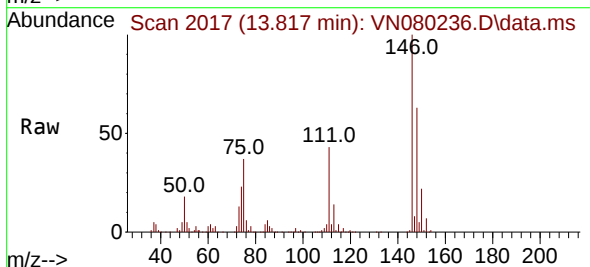
Tgt Ion:146 Resp: 266964
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 63.6 32.0 96.0

Manual Integrations
APPROVED

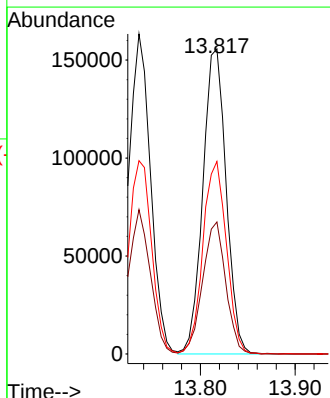
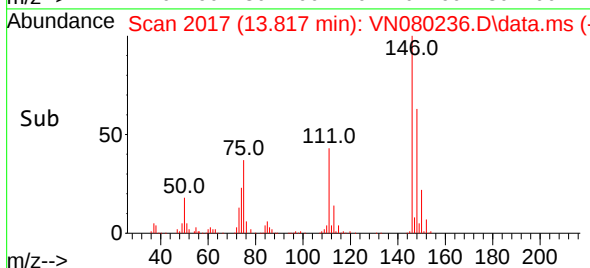
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

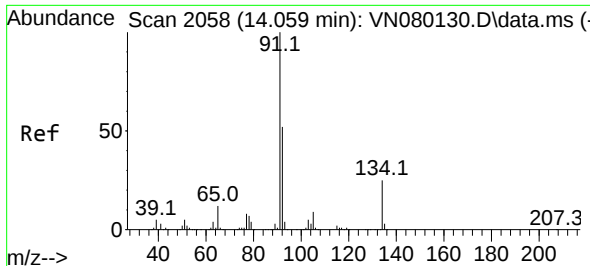


#88
1,4-Dichlorobenzene
Concen: 48.662 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



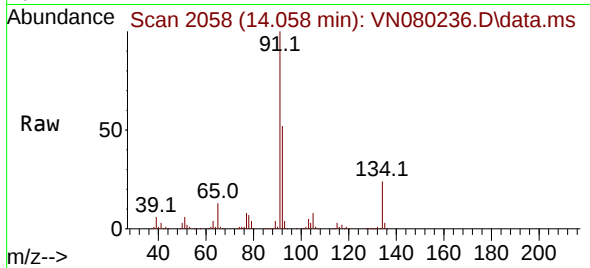
Tgt Ion:146 Resp: 267076
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 63.8 31.6 94.8





#89
n-Butylbenzene
Concen: 50.662 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

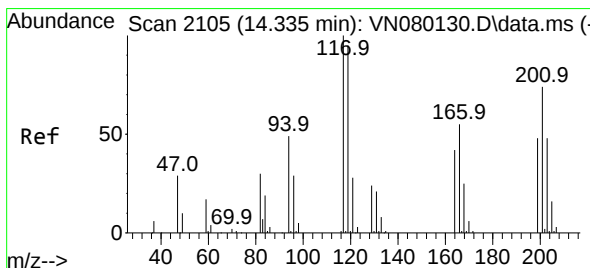
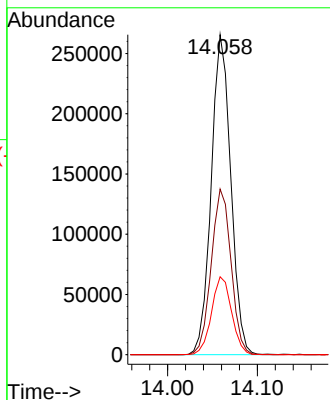
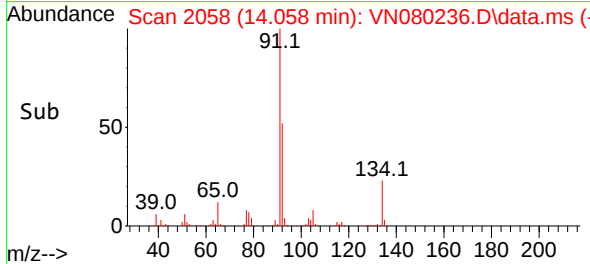
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 402184
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 25.0 12.6 37.6

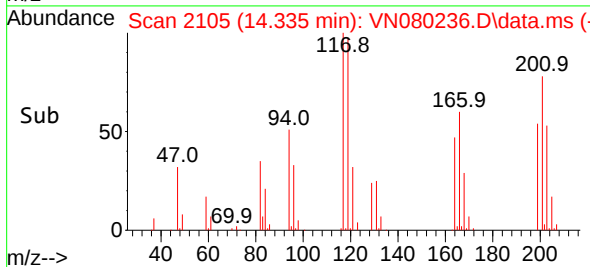
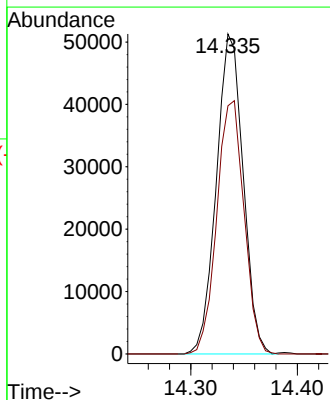
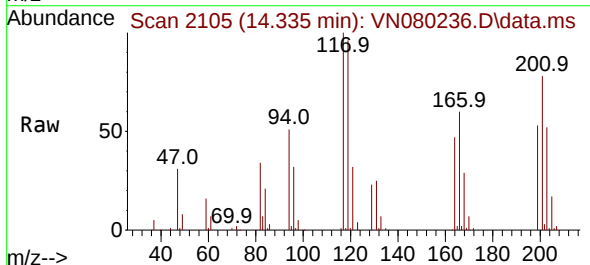
Manual Integrations
APPROVED

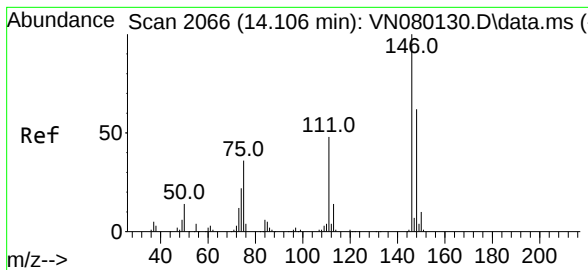
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 48.472 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Tgt Ion:117 Resp: 89626
Ion Ratio Lower Upper
117 100
201 80.3 29.3 88.0





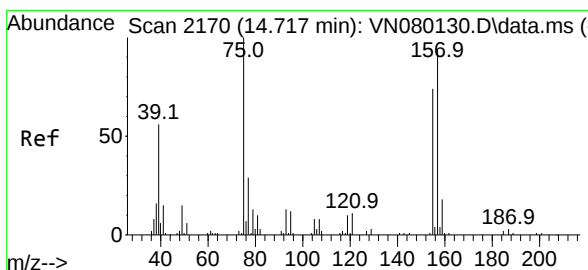
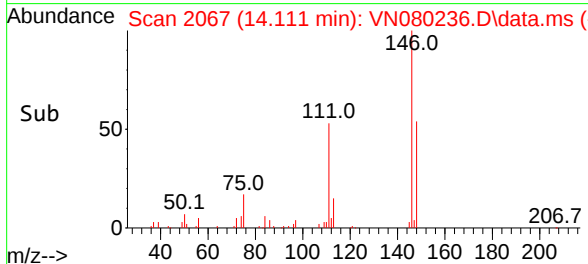
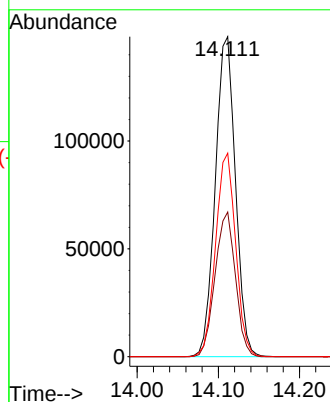
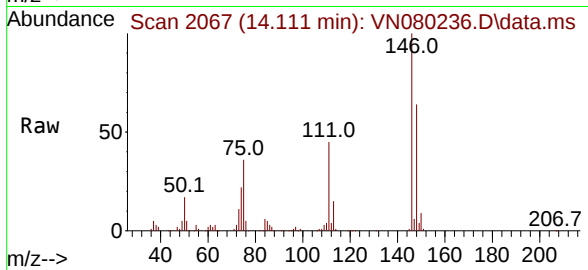
#91
1,2-Dichlorobenzene
Concen: 49.049 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 256339
Ion Ratio Lower Upper
146 100
111 45.7 22.0 66.0
148 63.4 31.8 95.3

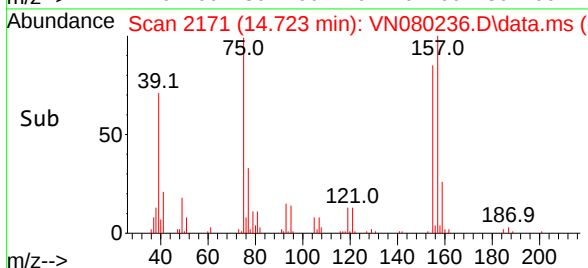
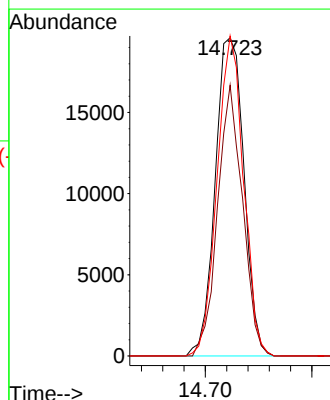
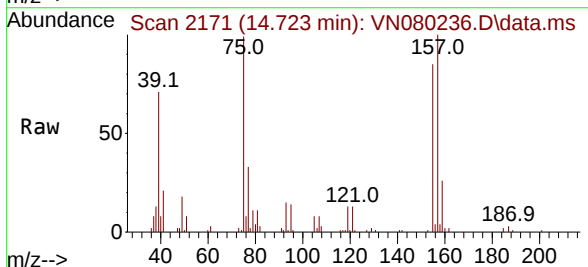
Manual Integrations
APPROVED

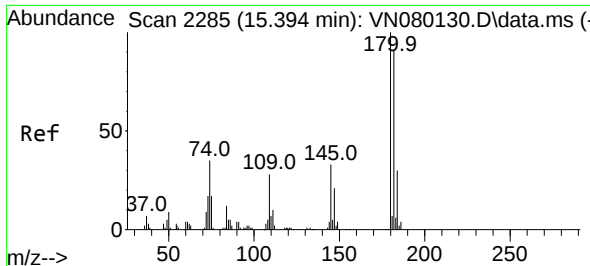
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.828 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

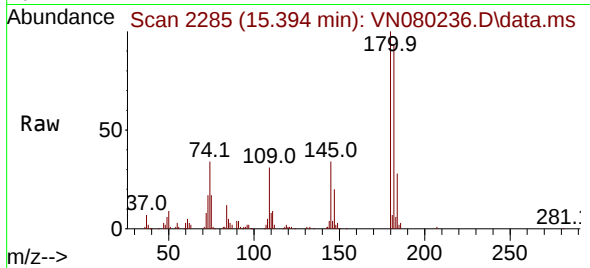
Tgt Ion: 75 Resp: 36633
Ion Ratio Lower Upper
75 100
155 74.3 39.1 117.2
157 92.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.232 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

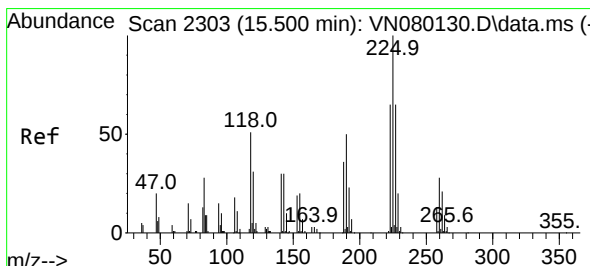
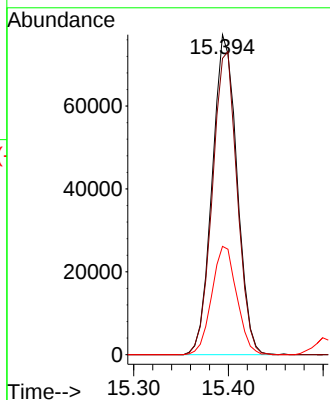
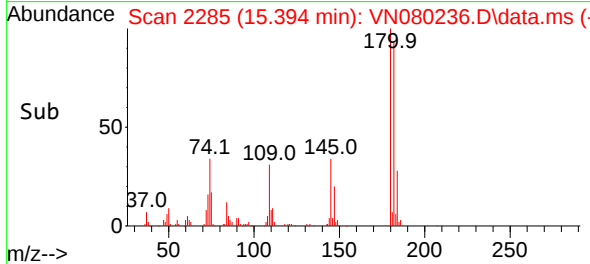
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 14052
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 34.2 16.6 49.8

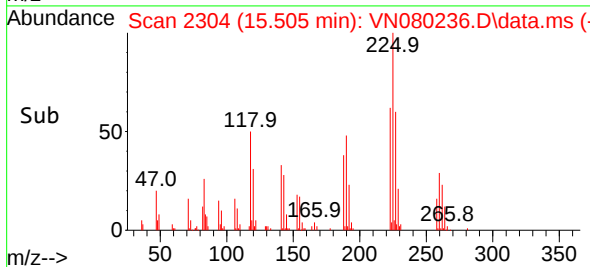
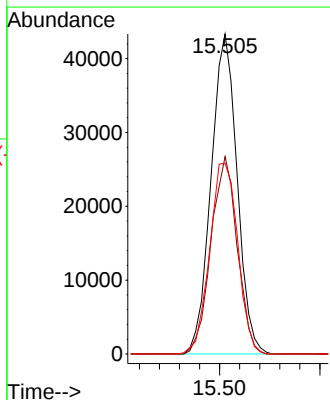
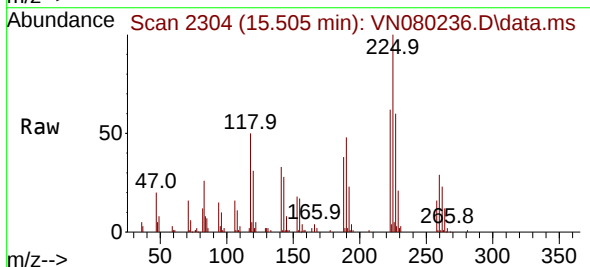
Manual Integrations
APPROVED

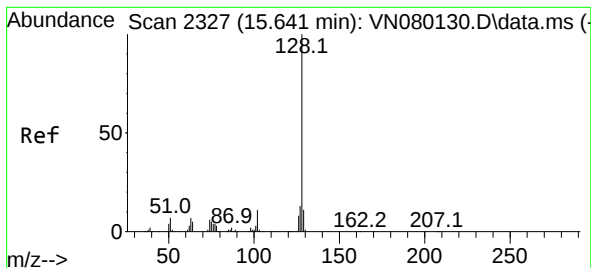
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#94
Hexachlorobutadiene
Concen: 44.616 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

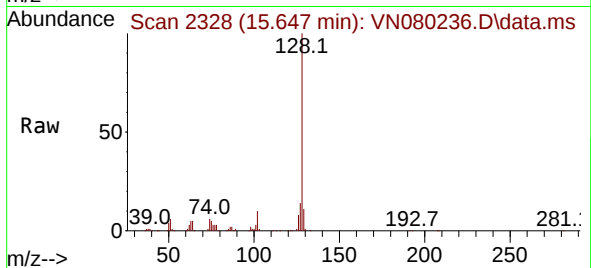
Tgt Ion:225 Resp: 78043
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 64.4 31.9 95.9





#95
Naphthalene
Concen: 42.710 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11

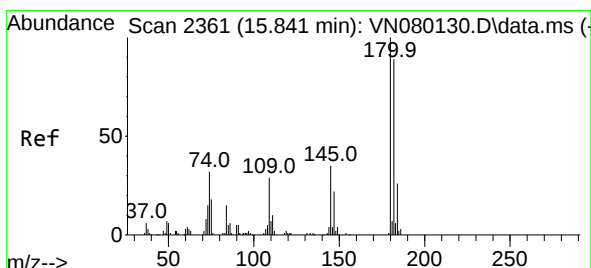
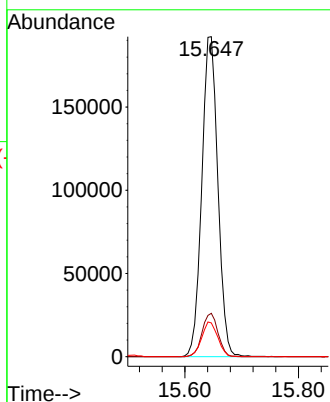
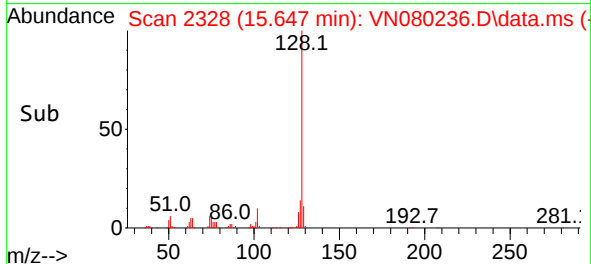
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



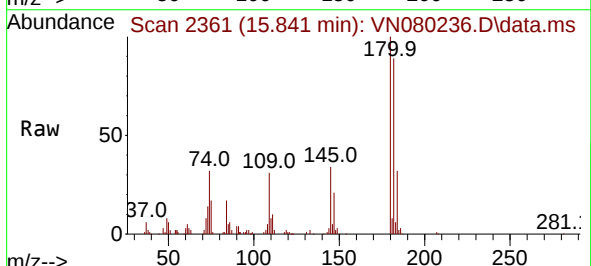
Tgt Ion:128 Resp: 376450
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.877 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080236.D
Acq: 22 Nov 2023 10:11



Tgt Ion:180 Resp: 133555
Ion Ratio Lower Upper
180 100
182 93.0 46.2 138.6
145 34.7 17.5 52.6

