

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080100.D
 Acq On : 14 Nov 2023 19:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 15 04:45:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	191684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162269	55.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.120%
35) Dibromofluoromethane	8.171	113	115648	52.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.571	98	406007	50.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.853	95	160195	60.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	110712	47.950	ug/l	99
3) Chloromethane	2.365	50	78626	26.588	ug/l	97
4) Vinyl Chloride	2.512	62	138976	45.983	ug/l	100
5) Bromomethane	2.942	94	59843	32.588	ug/l	99
6) Chloroethane	3.112	64	61548	25.773	ug/l	96
7) Trichlorofluoromethane	3.489	101	205637	54.704	ug/l	100
8) Diethyl Ether	3.959	74	65419	45.860	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	98332	45.124	ug/l	95
10) Methyl Iodide	4.589	142	108283	43.513	ug/l #	87
11) Tert butyl alcohol	5.518	59	89146	239.128	ug/l	100
12) 1,1-Dichloroethene	4.336	96	89404	43.331	ug/l	84
13) Acrolein	4.171	56	120514	555.404	ug/l	98
14) Allyl chloride	5.024	41	135620	42.916	ug/l	95
15) Acrylonitrile	5.718	53	247677	213.190	ug/l	99
16) Acetone	4.430	43	216041	210.605	ug/l	97
17) Carbon Disulfide	4.712	76	201200	33.807	ug/l	99
18) Methyl Acetate	5.018	43	197581	40.259	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	372321	52.413	ug/l	98
20) Methylene Chloride	5.283	84	106653	41.204	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	97061	42.180	ug/l #	83
22) Diisopropyl ether	6.671	45	309506	42.262	ug/l	97
23) Vinyl Acetate	6.606	43	802257	198.599	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	202060	45.395	ug/l	99
25) 2-Butanone	7.483	43	298574	198.764	ug/l	90
26) 2,2-Dichloropropane	7.494	77	192721	52.352	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	122117	44.365	ug/l	84
28) Bromochloromethane	7.812	49	98838	45.564	ug/l	89
29) Tetrahydrofuran	7.836	42	187478	191.829	ug/l	88
30) Chloroform	7.971	83	232592	48.106	ug/l	90
31) Cyclohexane	8.259	56	143138	37.092	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	222390	56.450	ug/l	98
36) 1,1-Dichloropropene	8.371	75	152717	48.981	ug/l	95
37) Ethyl Acetate	7.559	43	123007	43.017	ug/l	97
38) Carbon Tetrachloride	8.365	117	195420	62.191	ug/l	99
39) Methylcyclohexane	9.606	83	138620	47.242	ug/l	92
40) Benzene	8.606	78	441129	47.237	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68162	44.889	ug/l	91
42) 1,2-Dichloroethane	8.671	62	193568	59.340	ug/l	96
43) Isopropyl Acetate	8.688	43	240728	48.005	ug/l #	92
44) Trichloroethene	9.353	130	108736	46.923	ug/l	100
45) 1,2-Dichloropropane	9.624	63	111756	46.828	ug/l	97
46) Dibromomethane	9.712	93	81444	49.979	ug/l	93
47) Bromodichloromethane	9.888	83	187265	53.884	ug/l	96
48) Methyl methacrylate	9.683	41	105059	47.830	ug/l	86
49) 1,4-Dioxane	9.694	88	39567	1019.460	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	632245	223.945	ug/l	97
52) Toluene	10.630	92	283291	51.170	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	194815	57.182	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	198967	53.580	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	112706	50.614	ug/l	96
56) Ethyl methacrylate	10.877	69	173019	54.472	ug/l	93
57) 1,3-Dichloropropane	11.165	76	201806	51.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	406152	252.291	ug/l	95
59) 2-Hexanone	11.200	43	467814	216.605	ug/l	96
60) Dibromochloromethane	11.359	129	140321	58.870	ug/l	99
61) 1,2-Dibromoethane	11.471	107	111486	49.882	ug/l	98
64) Tetrachloroethene	11.106	164	92275	51.361	ug/l	96
65) Chlorobenzene	11.894	112	298790	49.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	125555	57.913	ug/l	93
67) Ethyl Benzene	11.965	91	555779	53.013	ug/l	93
68) m/p-Xylenes	12.071	106	413626	105.912	ug/l	89
69) o-Xylene	12.400	106	203084	54.002	ug/l	87
70) Styrene	12.412	104	350901	58.060	ug/l	95
71) Bromoform	12.582	173	95632	62.121	ug/l #	100
73) Isopropylbenzene	12.700	105	537446	50.624	ug/l	98
74) N-amyl acetate	12.494	43	178050	38.423	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	163474	43.429	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	132697m	40.406	ug/l	
77) Bromobenzene	12.982	156	127112	48.905	ug/l	97
78) n-propylbenzene	13.041	91	617791	50.816	ug/l	98
79) 2-Chlorotoluene	13.129	91	398749	51.342	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	463695	56.138	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	50548	41.877	ug/l #	87
82) 4-Chlorotoluene	13.223	91	397380	51.490	ug/l	95
83) tert-Butylbenzene	13.441	119	378405	55.968	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	462949	56.967	ug/l	96
85) sec-Butylbenzene	13.618	105	510178	54.464	ug/l	100
86) p-Isopropyltoluene	13.729	119	436645	57.173	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	236292	48.869	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	232637	47.401	ug/l	98
89) n-Butylbenzene	14.059	91	356671	54.223	ug/l	100
90) Hexachloroethane	14.335	117	82211	54.354	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	230014	50.392	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37063	58.062	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	124216	57.233	ug/l	99
94) Hexachlorobutadiene	15.506	225	64359	65.414	ug/l	98
95) Naphthalene	15.641	128	367244	49.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	117278	55.126	ug/l	98

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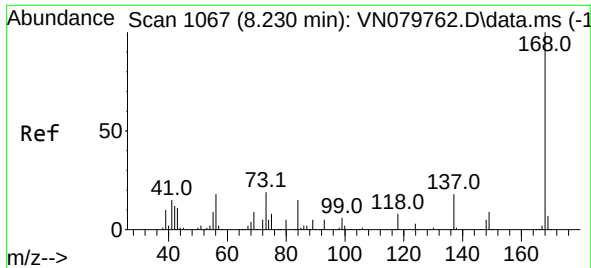
Manual Integrations
APPROVED

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Response via : Initial Calibration

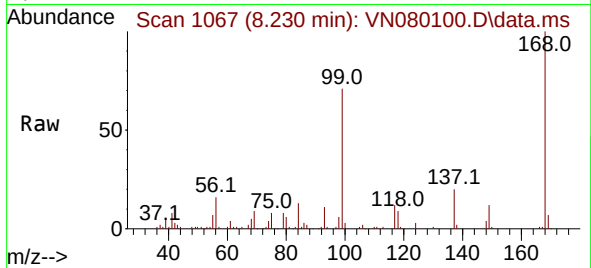
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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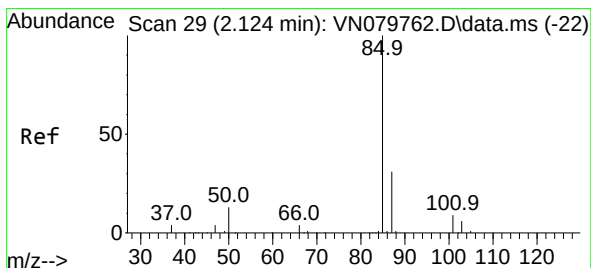
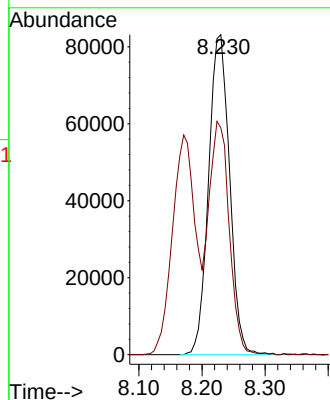
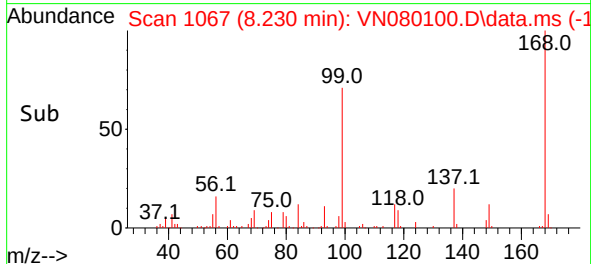
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VSTDCCC050EC



Tgt Ion:168 Resp: 191684
Ion Ratio Lower Upper
168 100
99 70.9 53.0 79.6

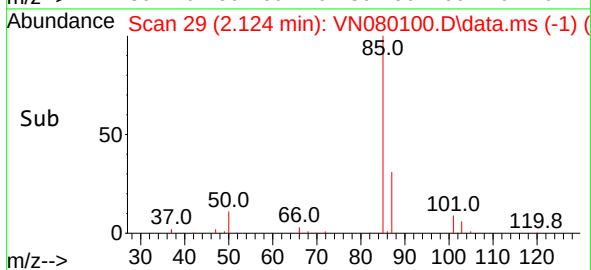
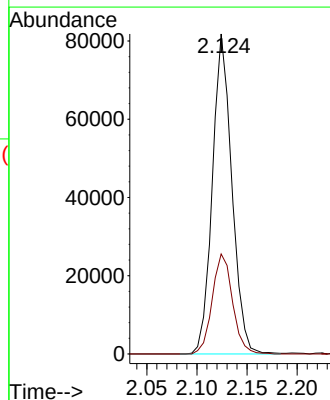
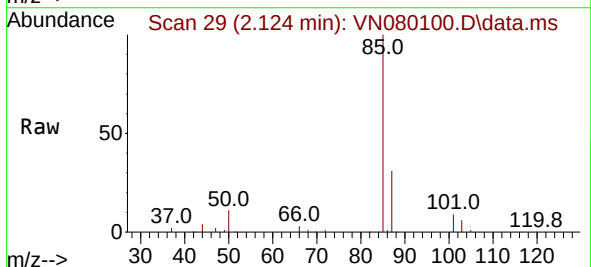
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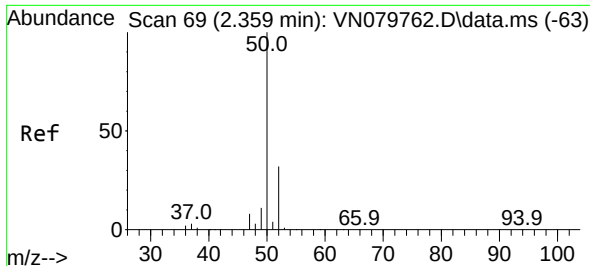
Reviewed By :John Carlone 11/15/2023
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#2
Dichlorodifluoromethane
Concen: 47.950 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

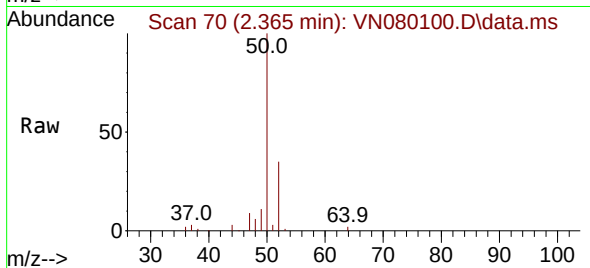
Tgt Ion: 85 Resp: 110712
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 26.588 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

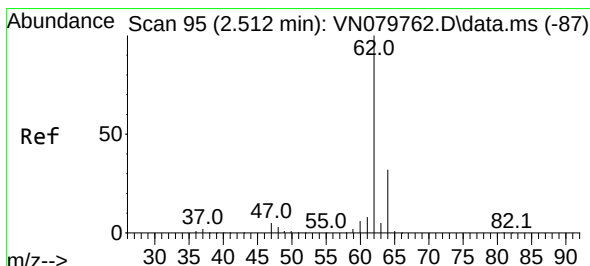
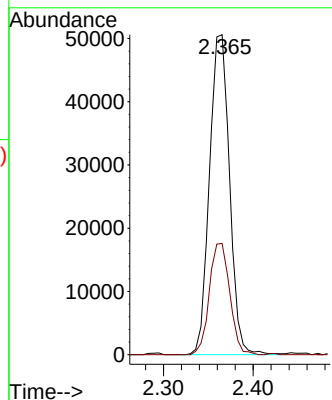
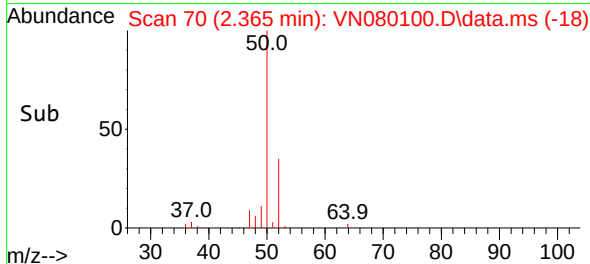
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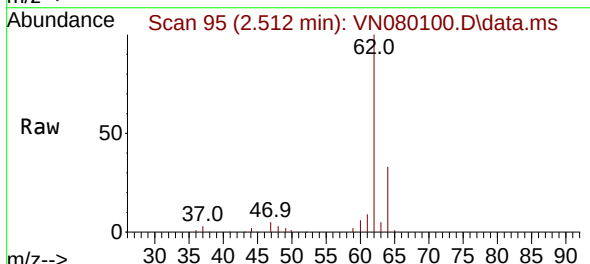
Tgt Ion: 50 Resp: 78620
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

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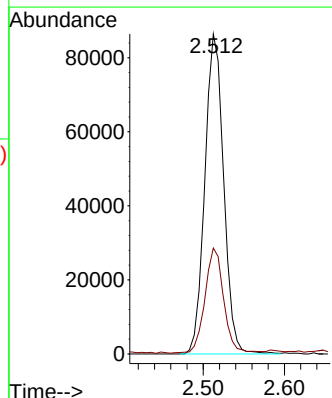
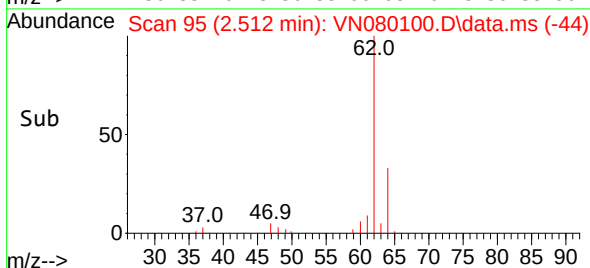
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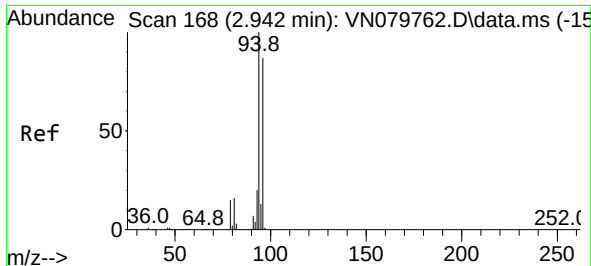


#4
Vinyl Chloride
Concen: 45.983 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



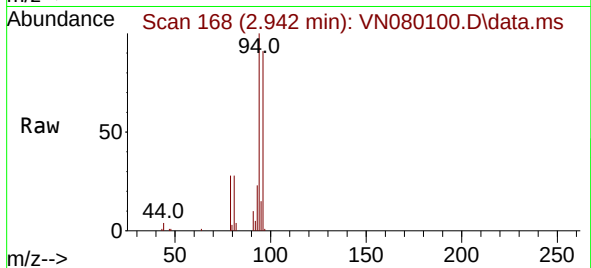
Tgt Ion: 62 Resp: 138976
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 32.588 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080100.D
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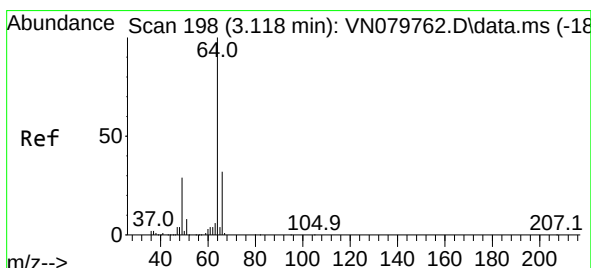
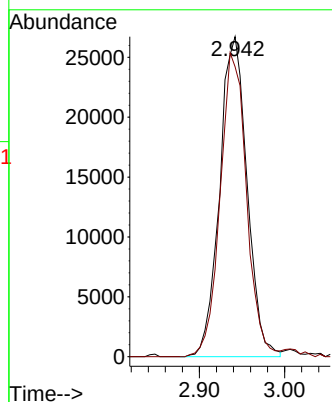
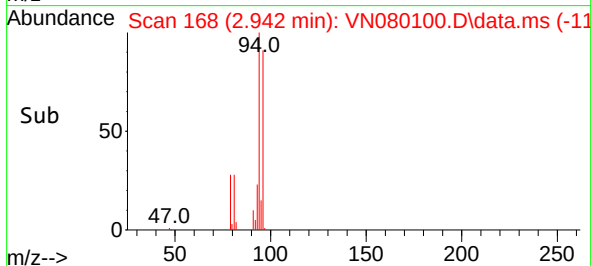
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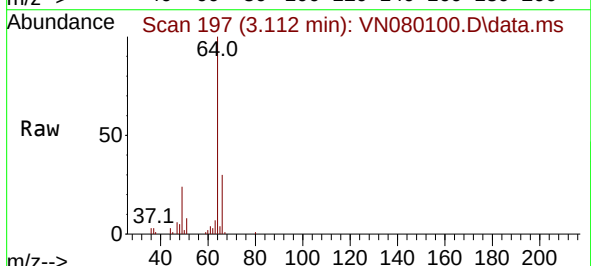
Tgt Ion: 94 Resp: 5984
Ion Ratio Lower Upper
94 100
96 90.6 73.1 109.7

Manual Integrations
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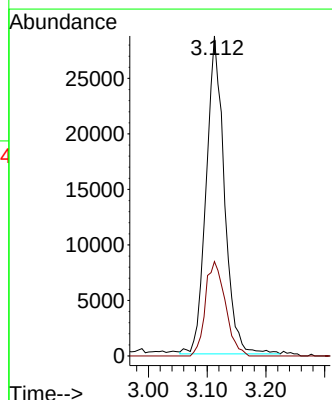
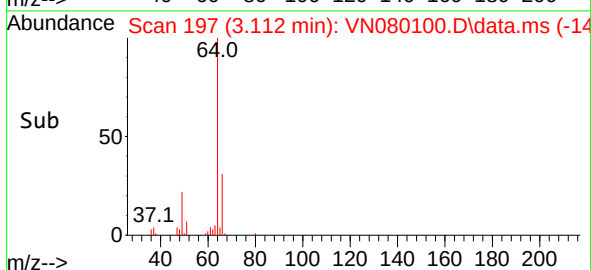
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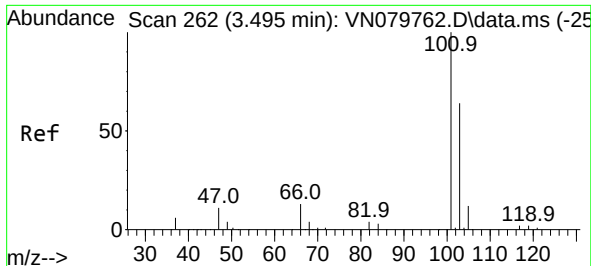


#6
Chloroethane
Concen: 25.773 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080100.D
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Tgt Ion: 64 Resp: 61548
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





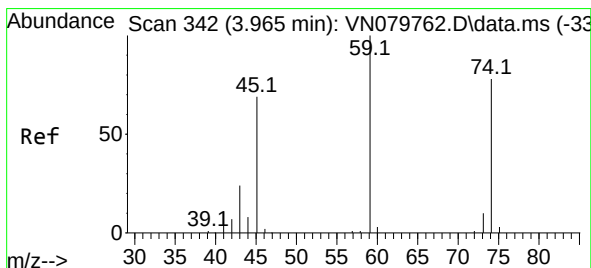
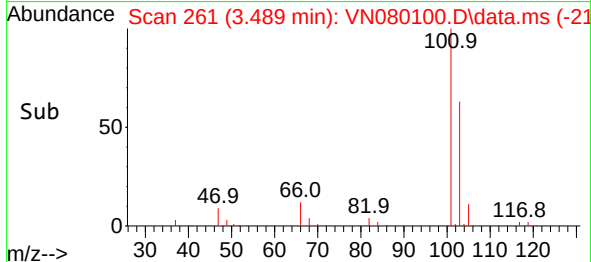
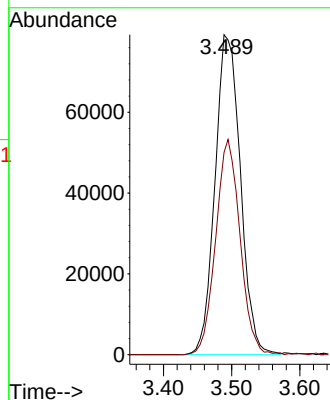
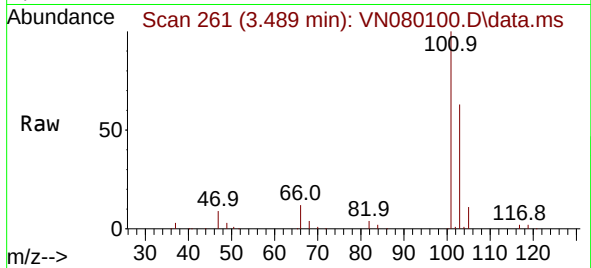
#7
Trichlorofluoromethane
Concen: 54.704 ug/l
RT: 3.489 min Scan# 20563
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20563
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1

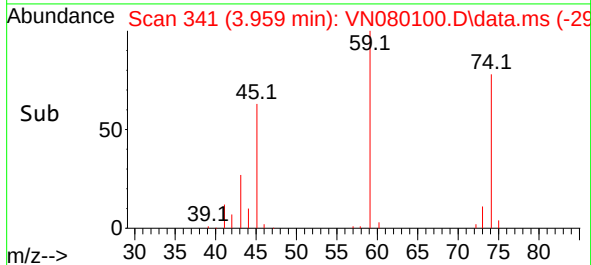
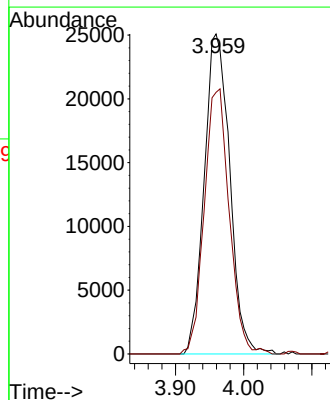
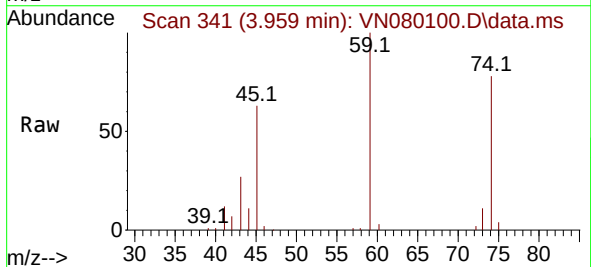
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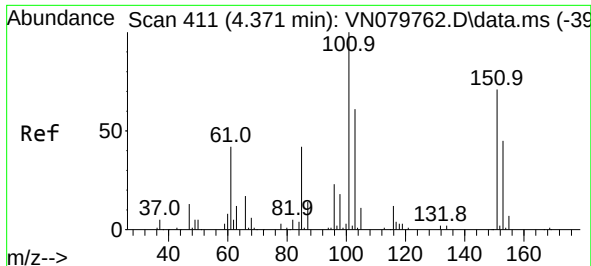
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#8
Diethyl Ether
Concen: 45.860 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 65419
Ion Ratio Lower Upper
74 100
45 81.1 34.4 103.3





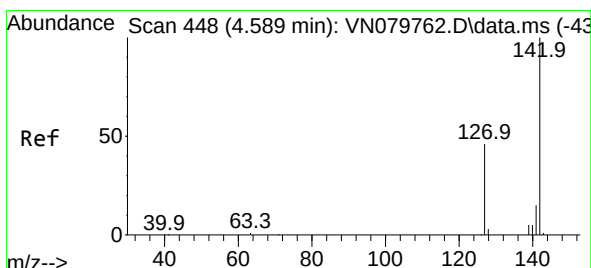
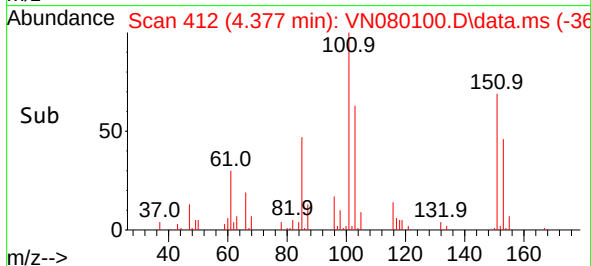
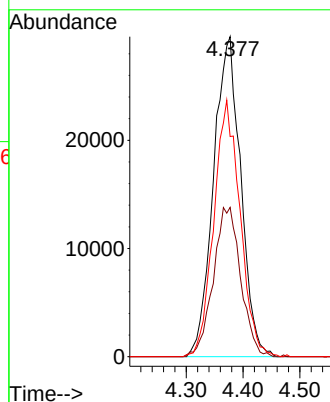
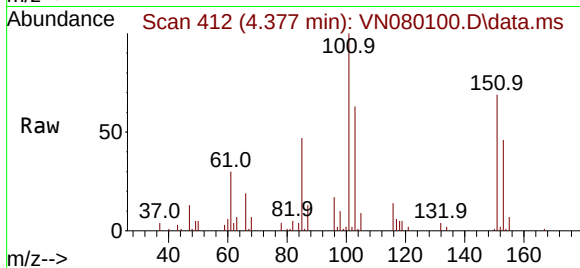
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.124 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9833
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 77.4 57.6 86.4

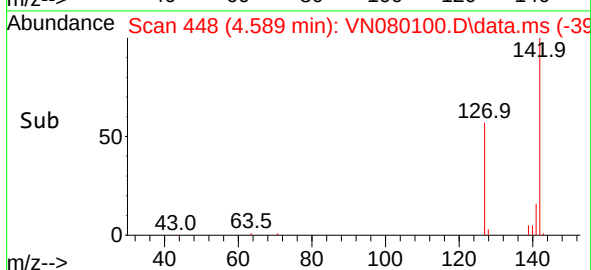
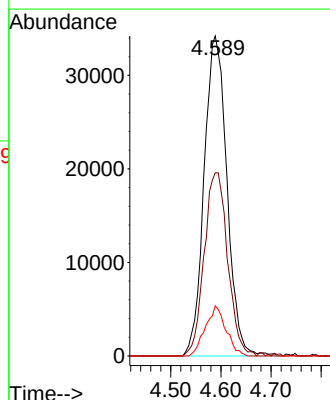
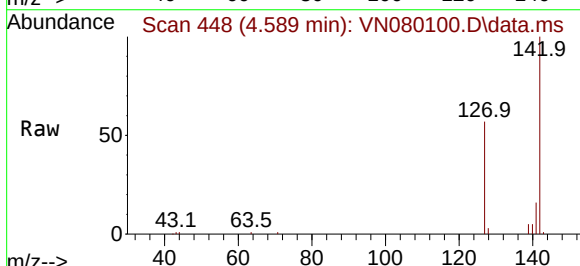
Manual Integrations
APPROVED

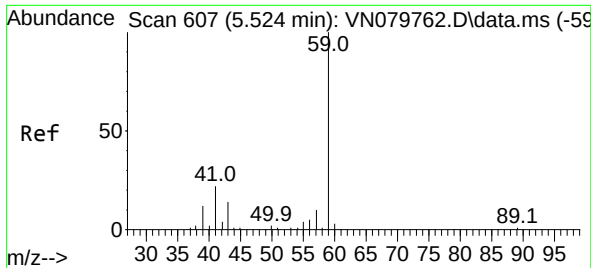
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#10
Methyl Iodide
Concen: 43.513 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion:142 Resp: 108283
Ion Ratio Lower Upper
142 100
127 57.2 37.6 56.4#
141 15.6 11.4 17.0





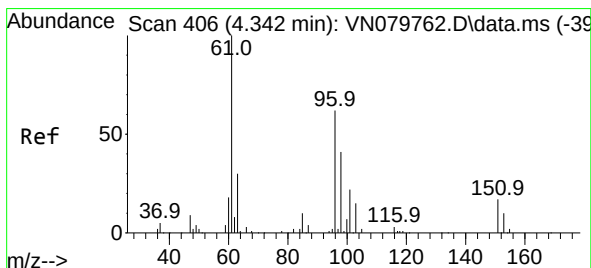
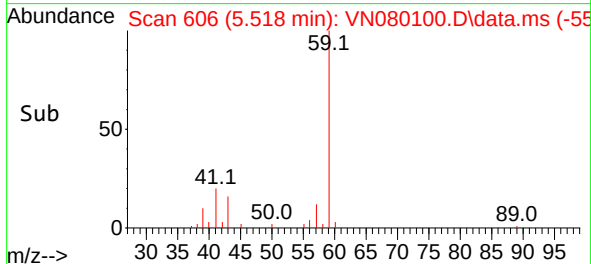
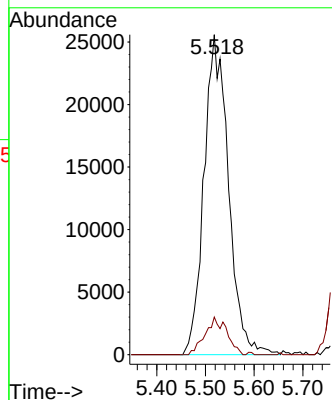
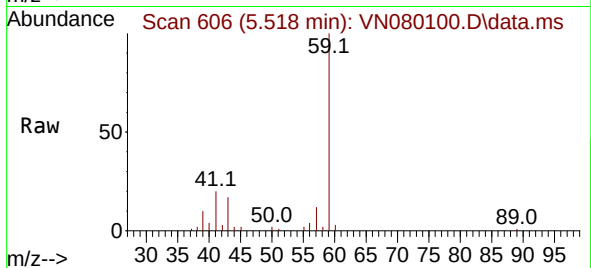
#11
Tert butyl alcohol
Concen: 239.128 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 89140
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

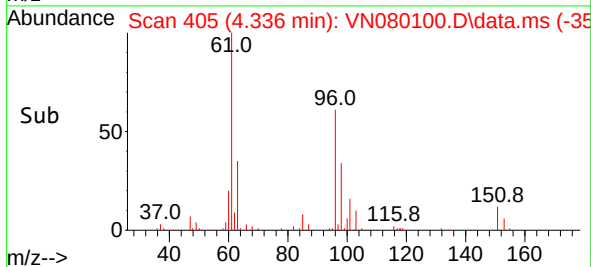
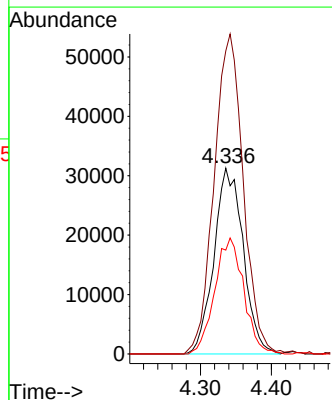
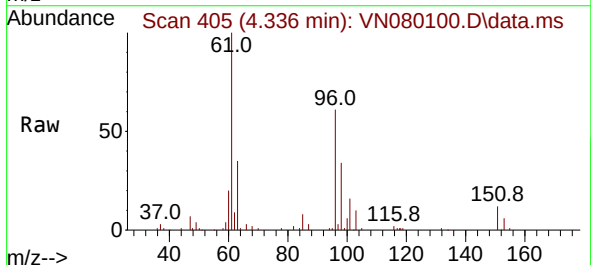
Manual Integrations
APPROVED

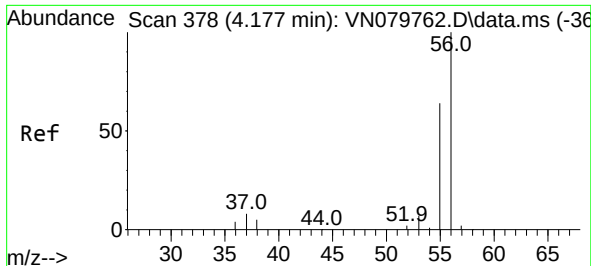
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#12
1,1-Dichloroethene
Concen: 43.331 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 96 Resp: 89404
Ion Ratio Lower Upper
96 100
61 163.2 112.7 169.1
98 55.9 51.2 76.8





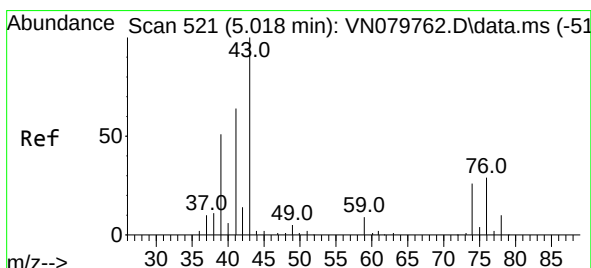
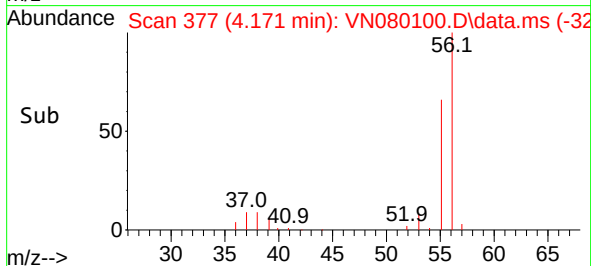
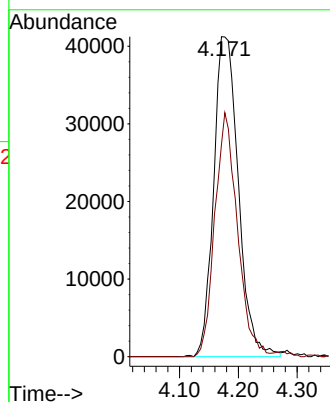
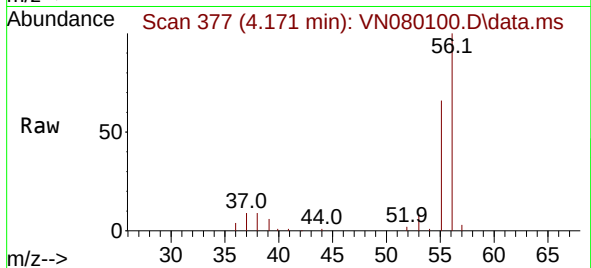
#13
Acrolein
Concen: 555.404 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 120514
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

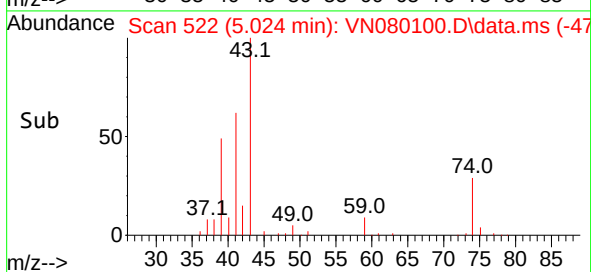
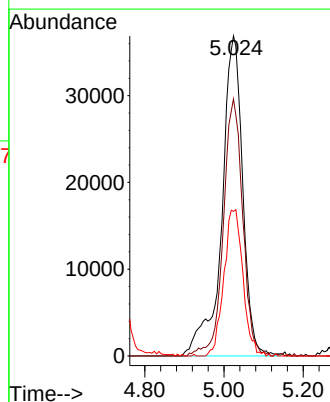
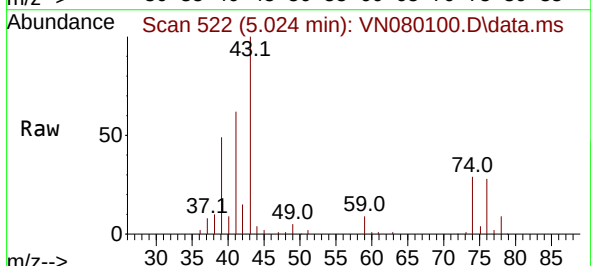
Manual Integrations
APPROVED

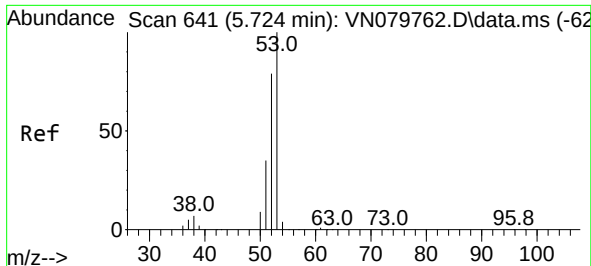
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#14
Allyl chloride
Concen: 42.916 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

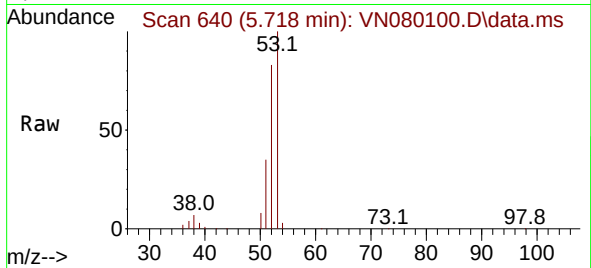
Tgt Ion: 41 Resp: 135620
Ion Ratio Lower Upper
41 100
39 74.2 58.8 88.2
76 41.5 39.1 58.7





#15
Acrylonitrile
Concen: 213.190 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

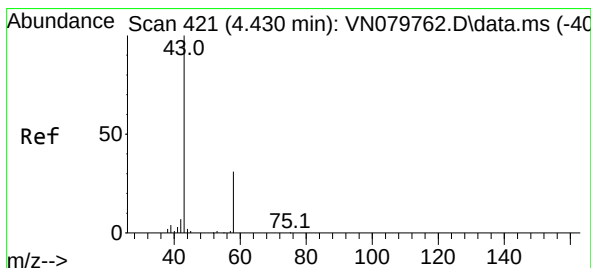
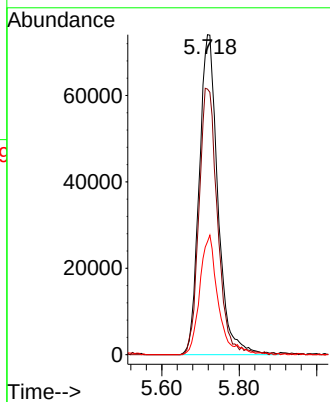
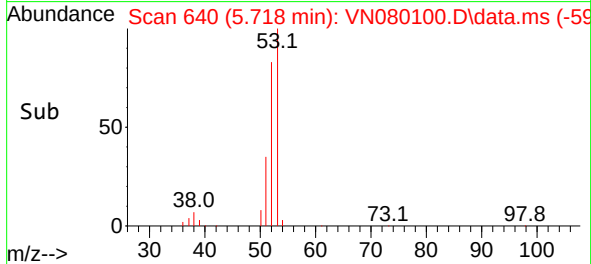
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24767
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.9 28.9 43.3

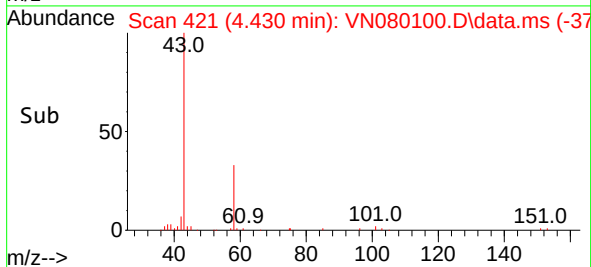
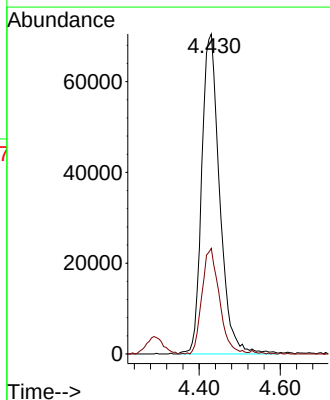
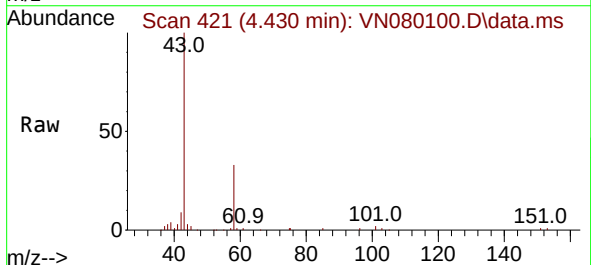
Manual Integrations
APPROVED

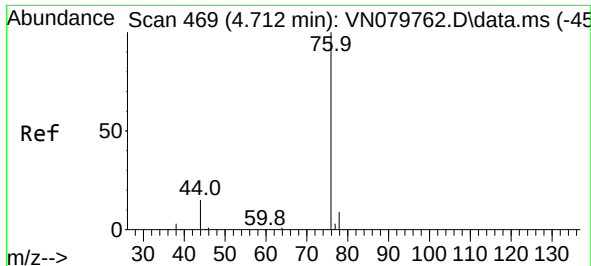
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#16
Acetone
Concen: 210.605 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

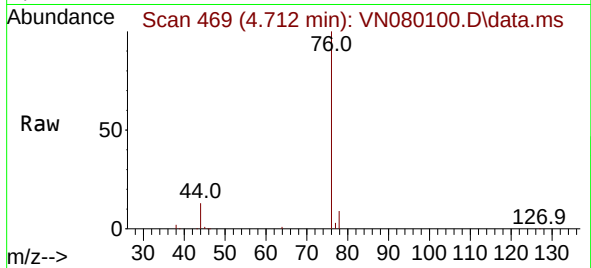
Tgt Ion: 43 Resp: 216041
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 33.807 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

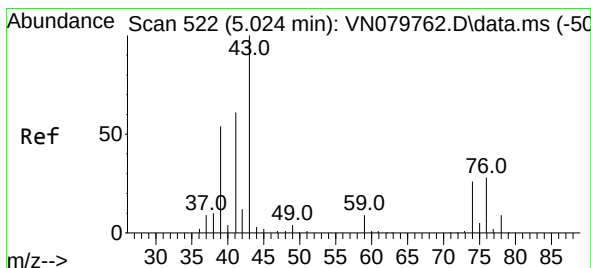
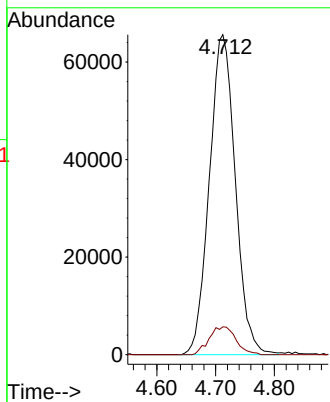
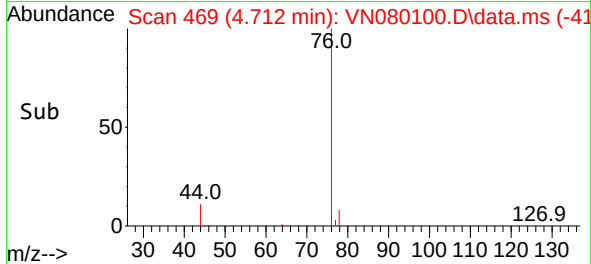
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 201200
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

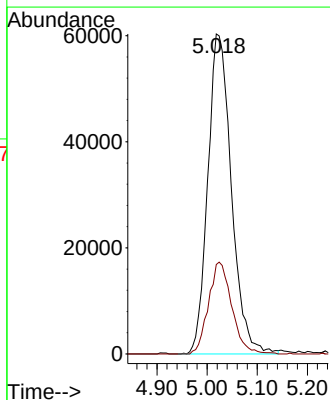
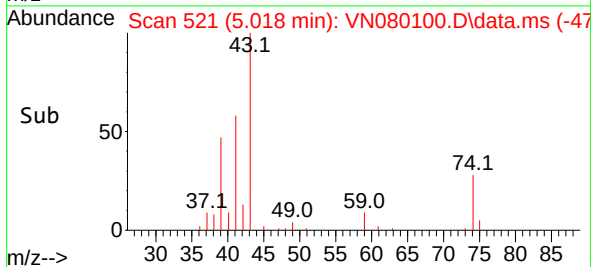
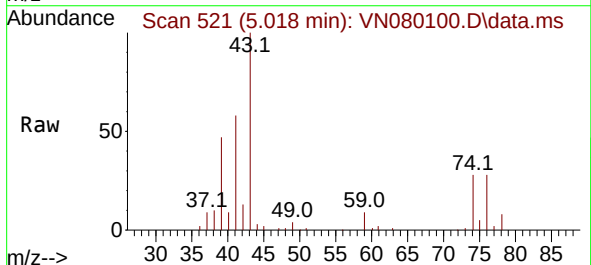
Manual Integrations
APPROVED

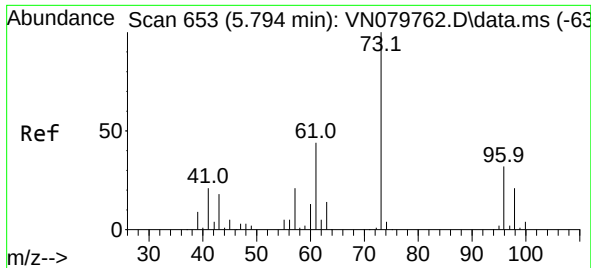
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#18
Methyl Acetate
Concen: 40.259 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 43 Resp: 197581
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4





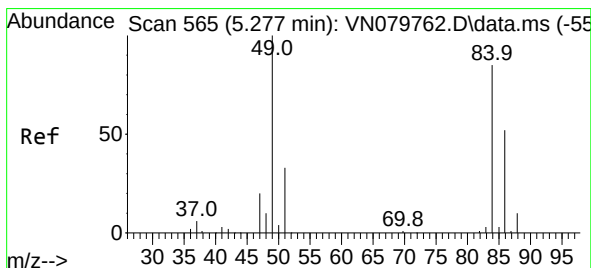
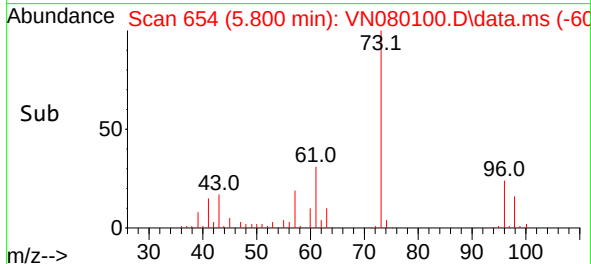
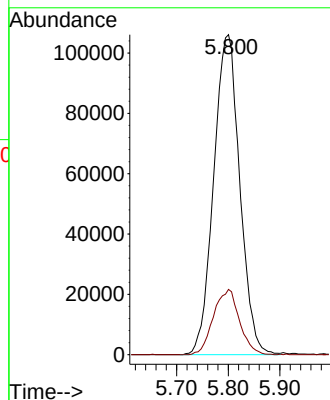
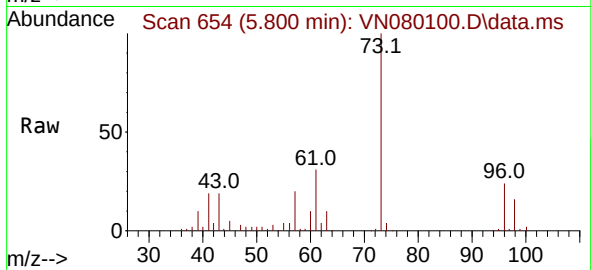
#19
Methyl tert-butyl Ether
Concen: 52.413 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 37232
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

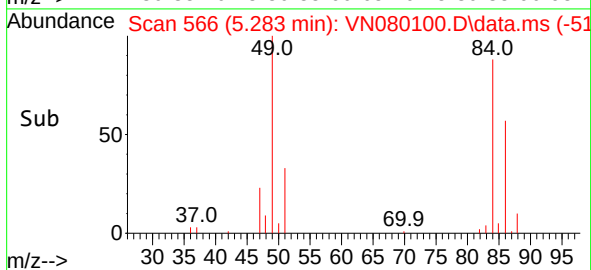
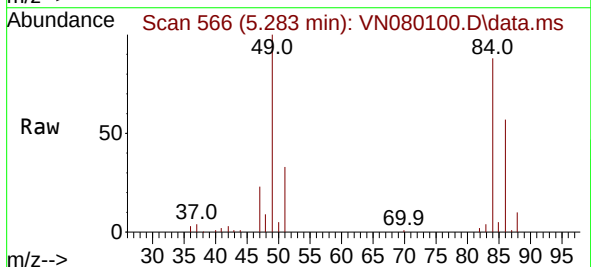
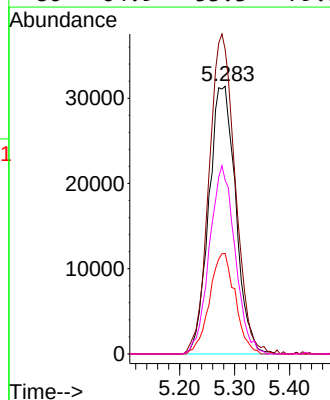
Manual Integrations
APPROVED

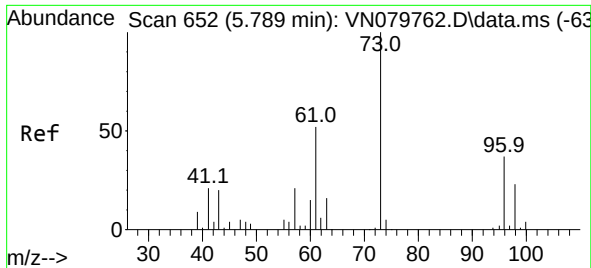
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#20
Methylene Chloride
Concen: 41.204 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 84 Resp: 106653
Ion Ratio Lower Upper
84 100
49 113.8 79.7 119.5
51 37.5 25.2 37.8
86 64.9 53.3 79.9





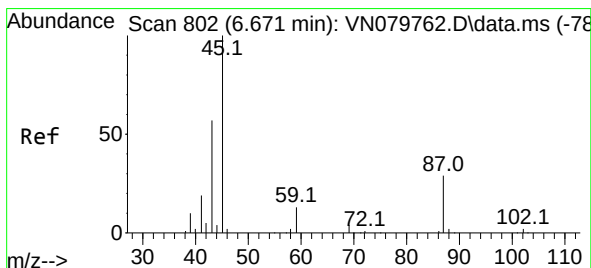
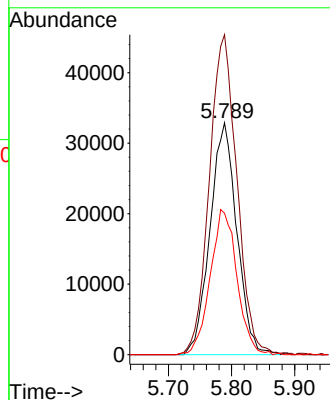
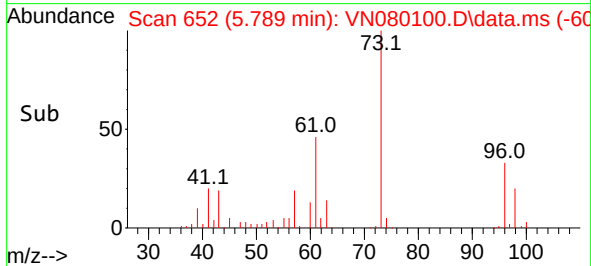
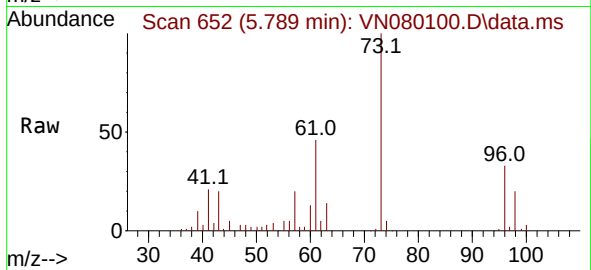
#21
trans-1,2-Dichloroethene
Concen: 42.180 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 9706
Ion Ratio Lower Upper
96 100
61 137.5 90.1 135.1
98 60.5 46.4 69.6

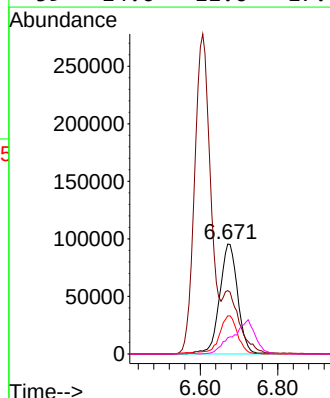
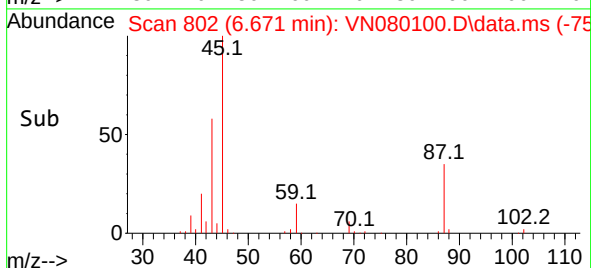
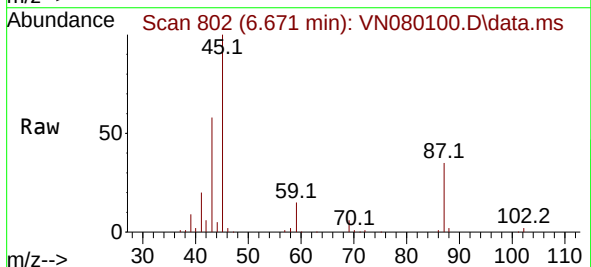
Manual Integrations
APPROVED

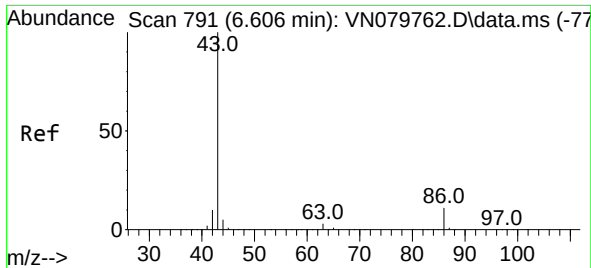
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#22
Diisopropyl ether
Concen: 42.262 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 45 Resp: 309506
Ion Ratio Lower Upper
45 100
43 57.1 45.5 68.3
87 34.6 31.8 47.8
59 14.6 11.6 17.4





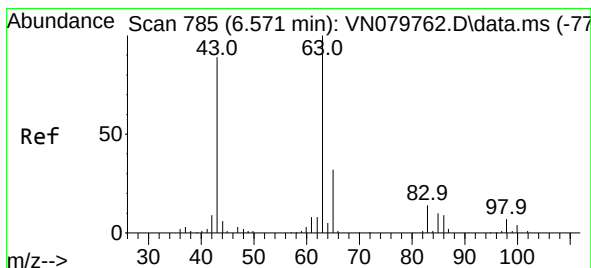
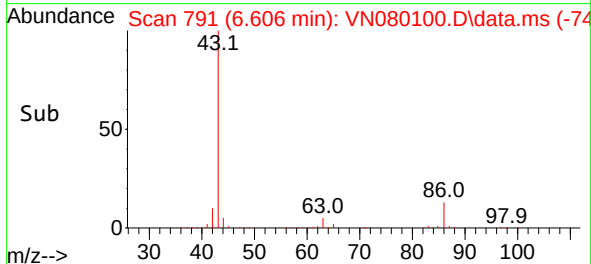
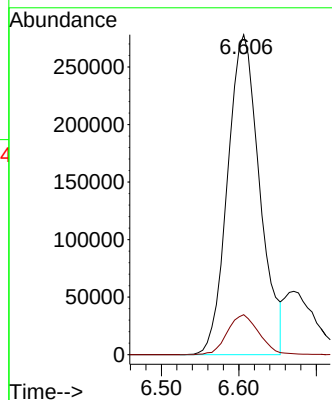
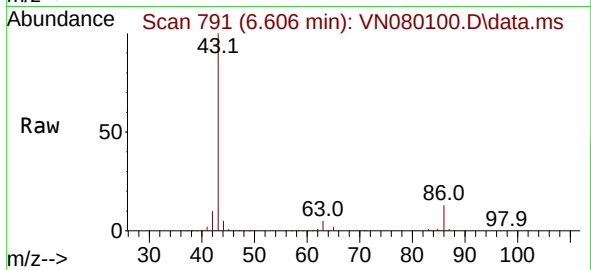
#23
 Vinyl Acetate
 Concen: 198.599 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 80225
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

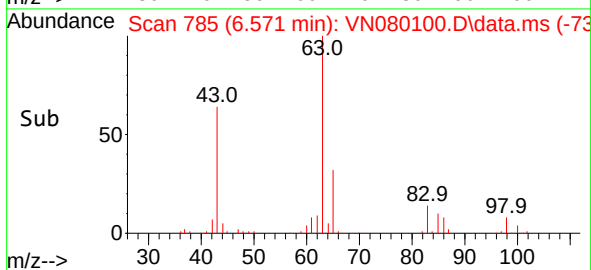
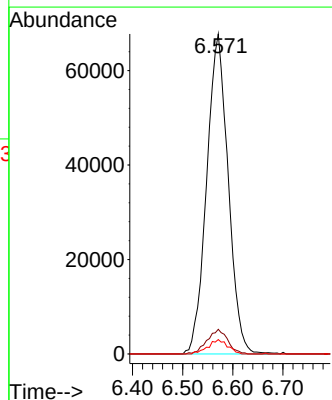
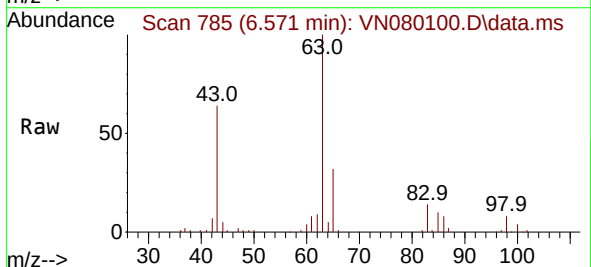
Manual Integrations
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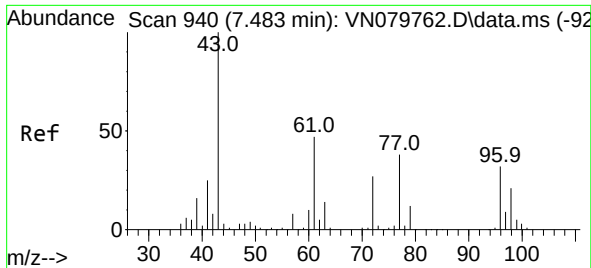
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 45.395 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

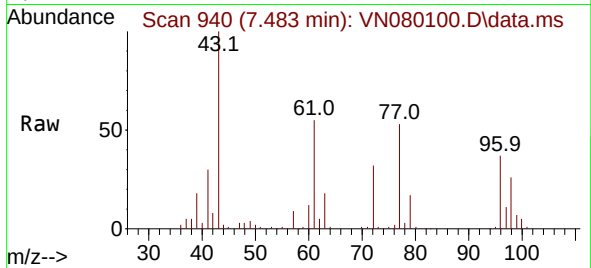
Tgt Ion: 63 Resp: 202060
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 198.764 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

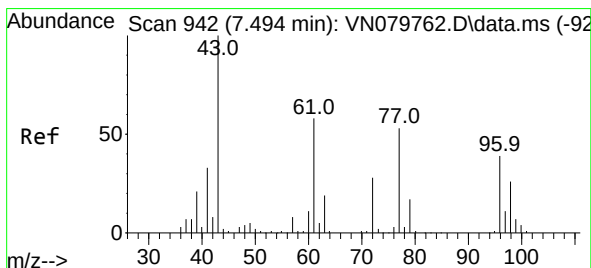
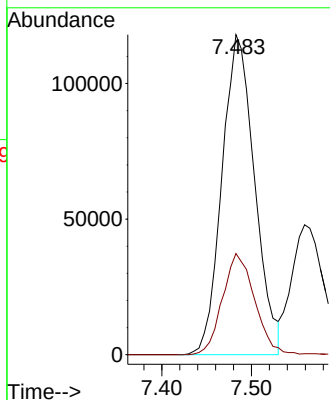
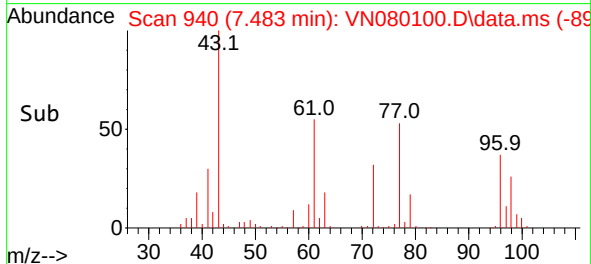
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



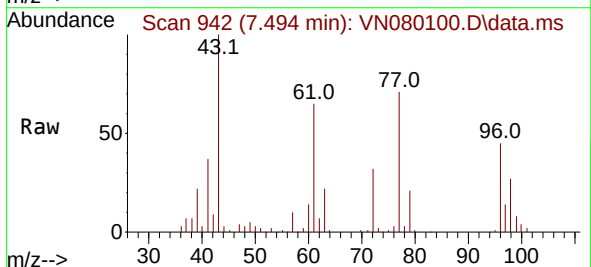
Tgt Ion: 43 Resp: 298574
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2

Manual Integrations
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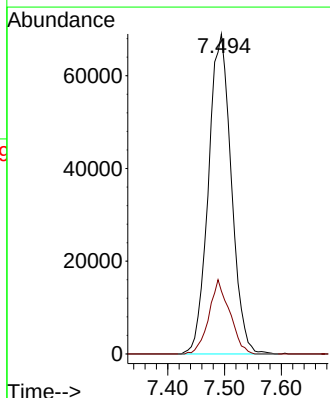
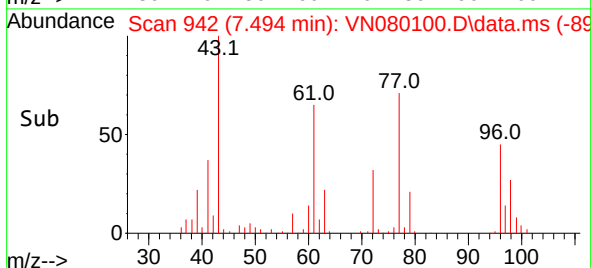
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

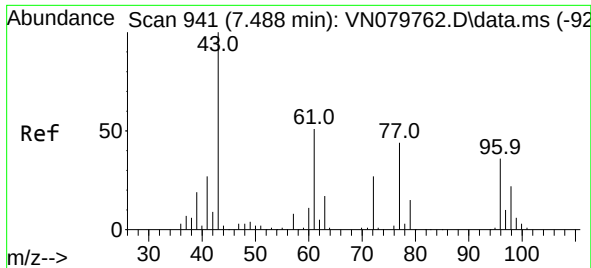


#26
2,2-Dichloropropane
Concen: 52.352 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



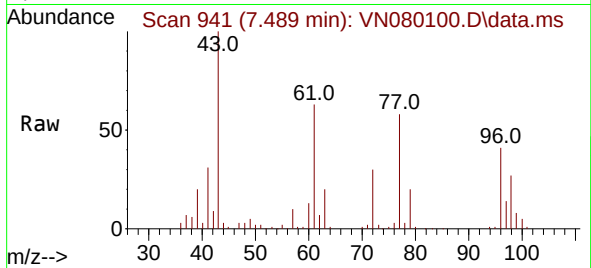
Tgt Ion: 77 Resp: 192721
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.365 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

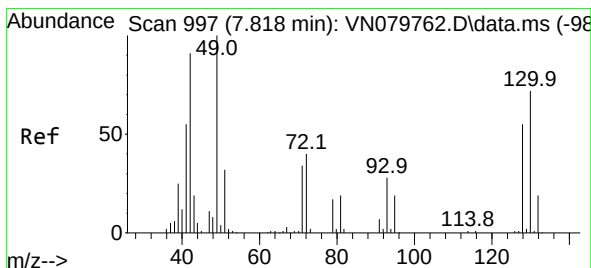
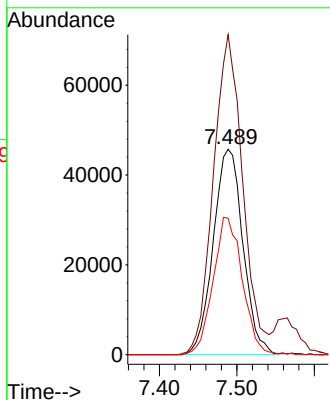
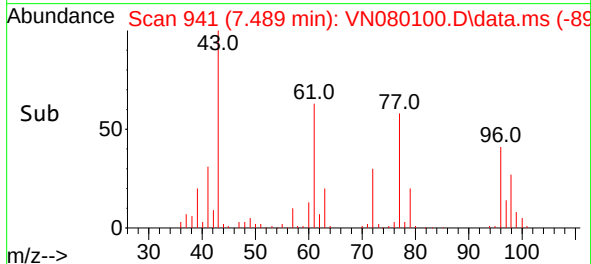
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 122117
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 255.2
 98 65.7 0.0 128.8

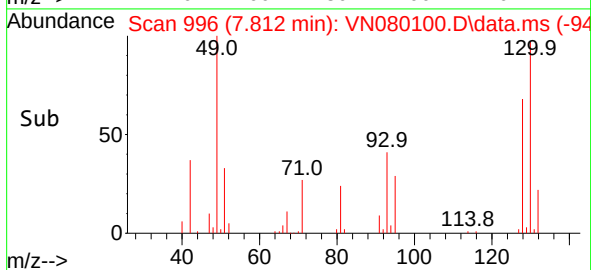
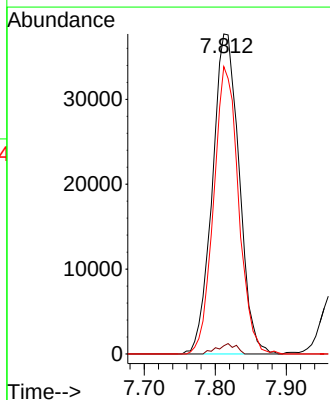
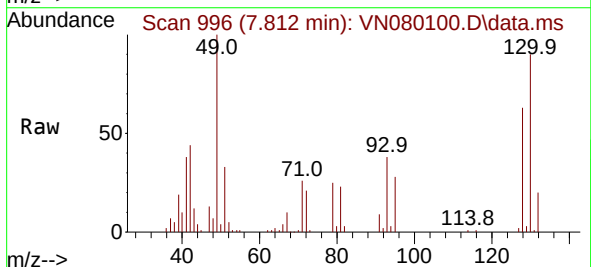
Manual Integrations
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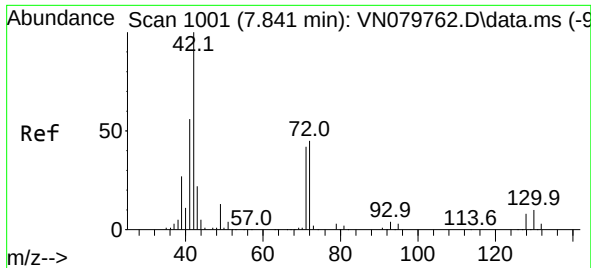
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#28
 Bromochloromethane
 Concen: 45.564 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

Tgt Ion: 49 Resp: 98838
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 191.829 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 187478

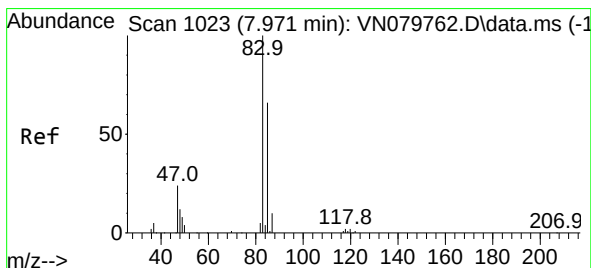
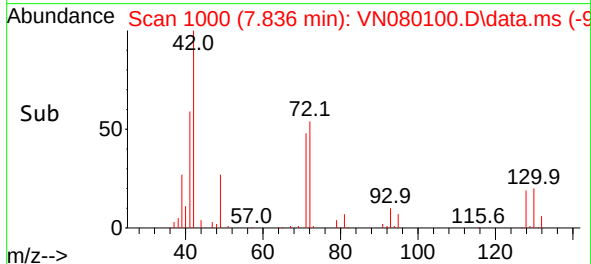
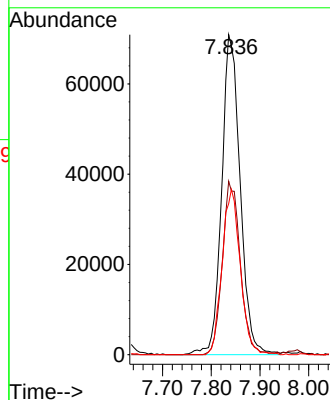
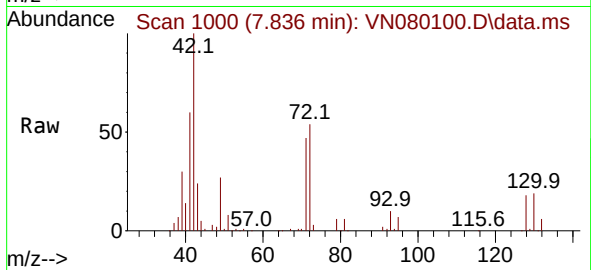
Ion	Ratio	Lower	Upper
42	100		
72	52.7	49.8	74.6
71	50.9	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#30

Chloroform

Concen: 48.106 ug/l

RT: 7.971 min Scan# 1023

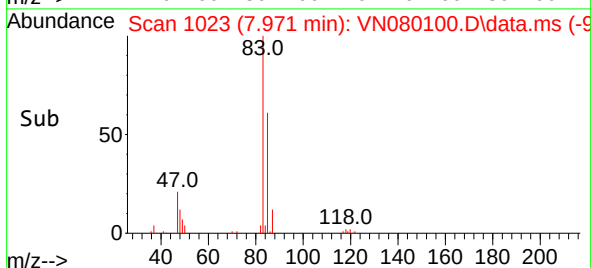
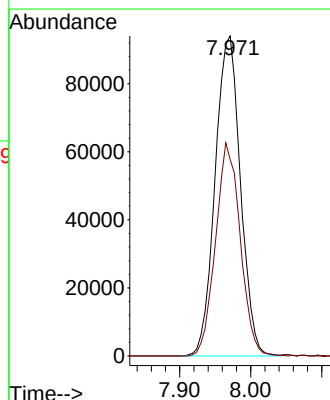
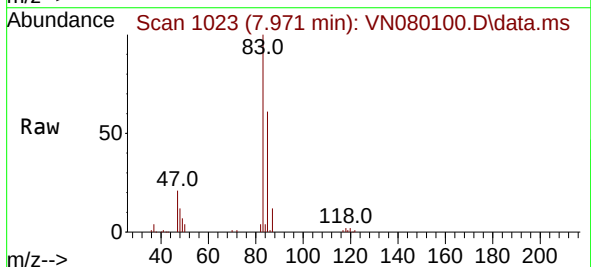
Delta R.T. 0.000 min

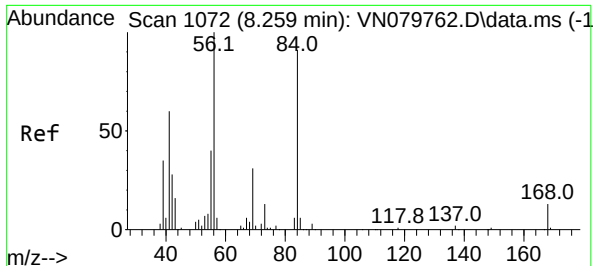
Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Tgt Ion: 83 Resp: 232592

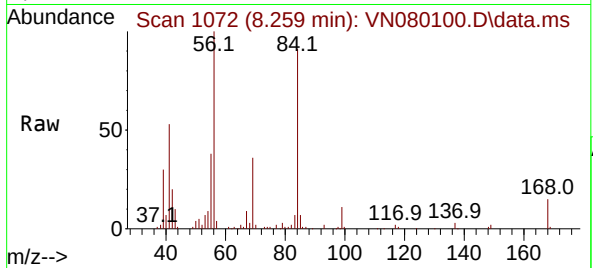
Ion	Ratio	Lower	Upper
83	100		
85	61.4	55.4	83.0





#31
Cyclohexane
Concen: 37.092 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

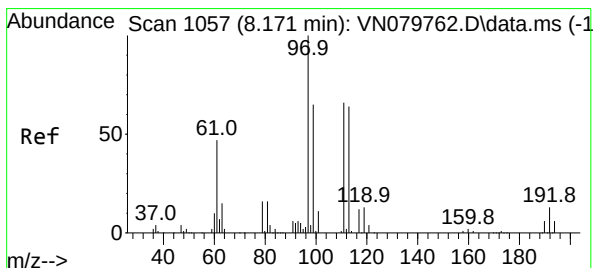
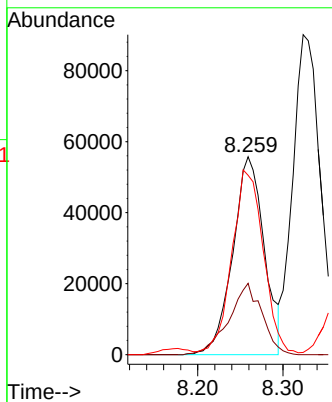
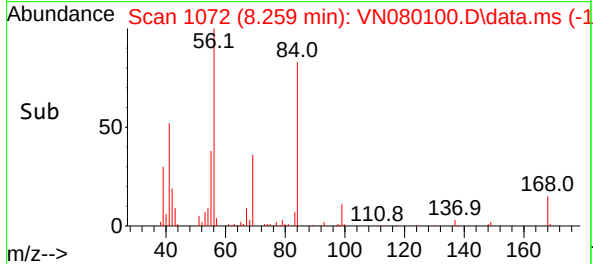
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



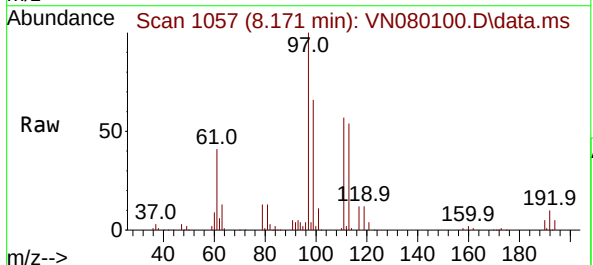
Tgt Ion: 56 Resp: 143138
Ion Ratio Lower Upper
56 100
69 36.0 26.8 40.2
84 87.5 81.8 122.6

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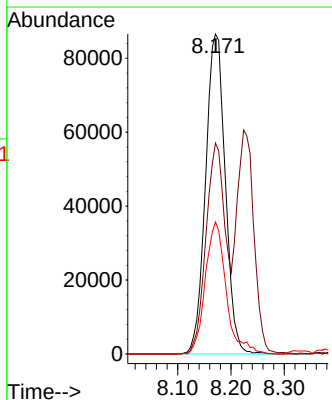
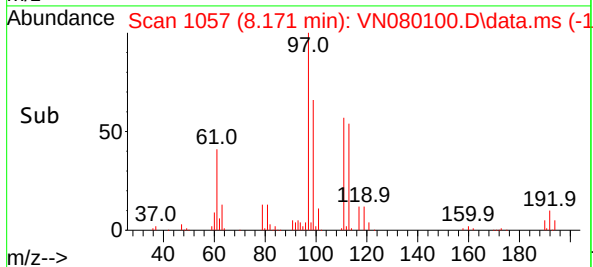
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

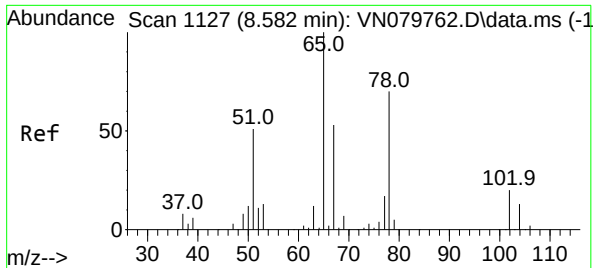


#32
1,1,1-Trichloroethane
Concen: 56.450 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 97 Resp: 222390
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.565 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 162269

Ion Ratio Lower Upper

65 100

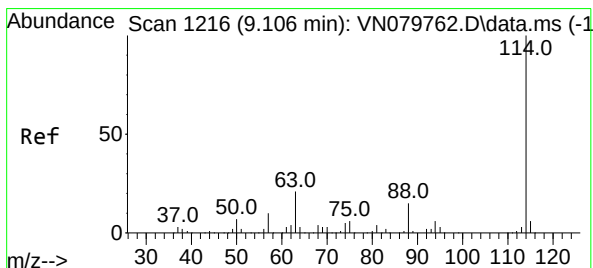
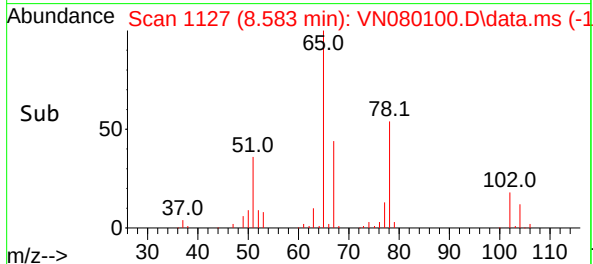
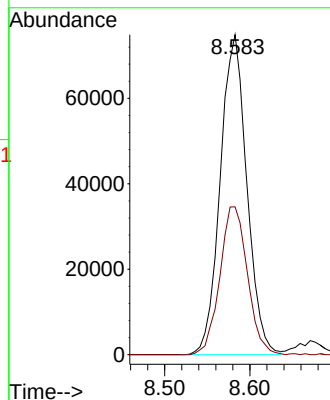
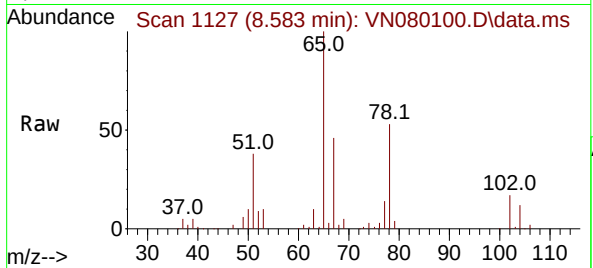
67 48.0 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

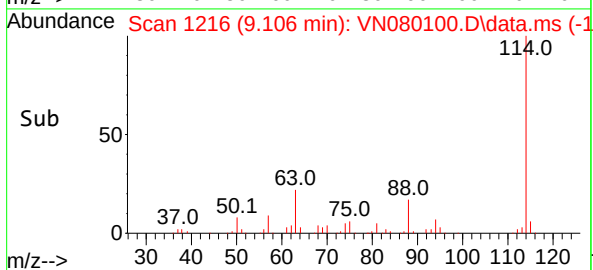
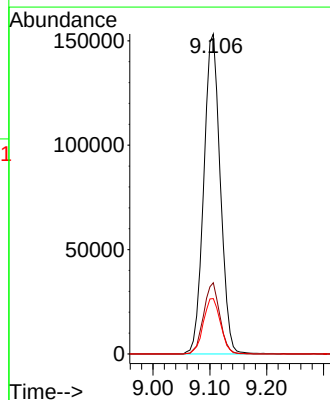
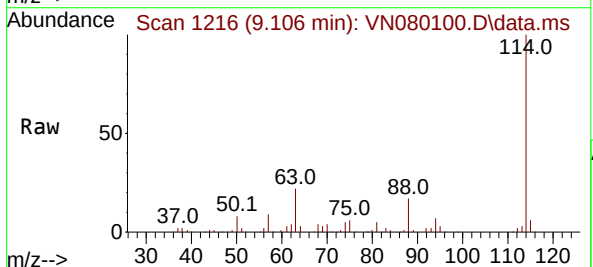
Tgt Ion:114 Resp: 308531

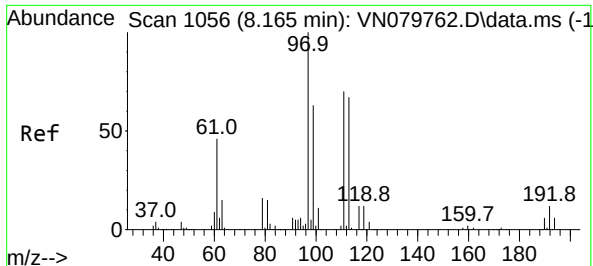
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

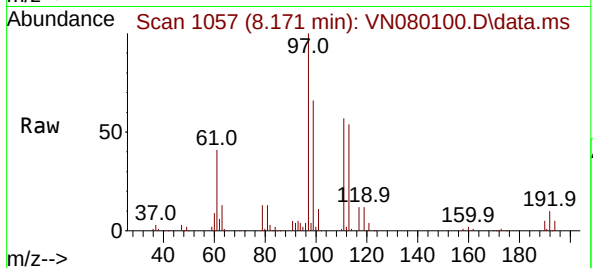
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.961 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

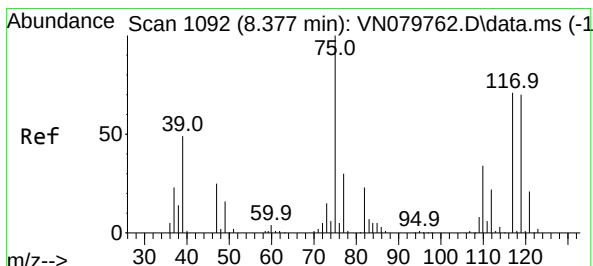
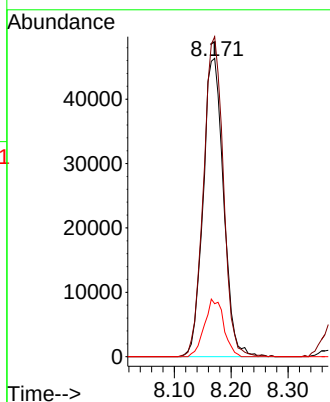
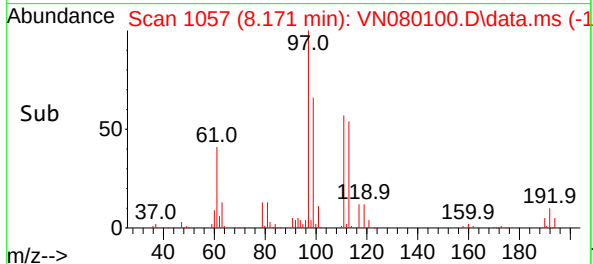
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



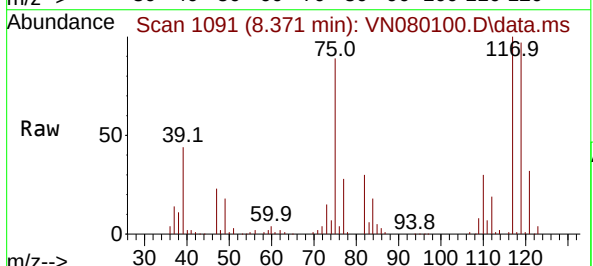
Tgt Ion:113 Resp: 115648
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 18.3 12.7 19.1

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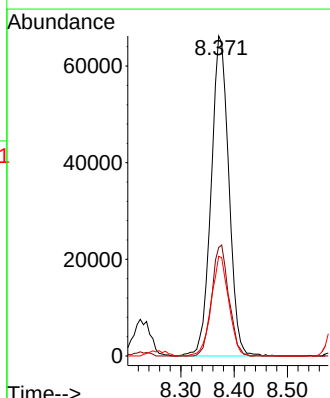
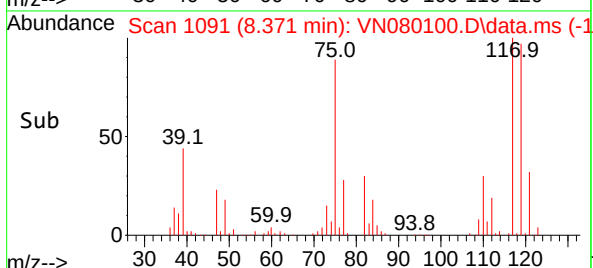
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

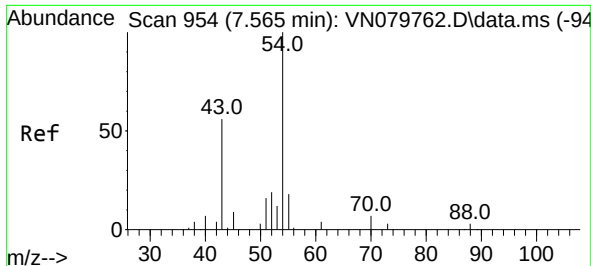


#36
1,1-Dichloropropene
Concen: 48.981 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 75 Resp: 152717
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 30.8 25.0 37.4





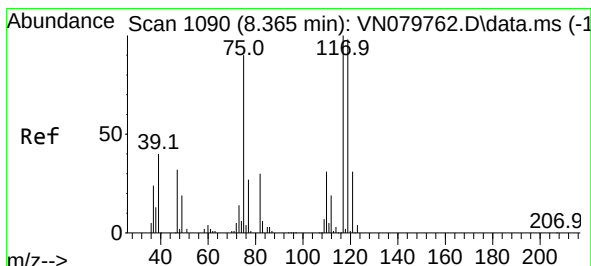
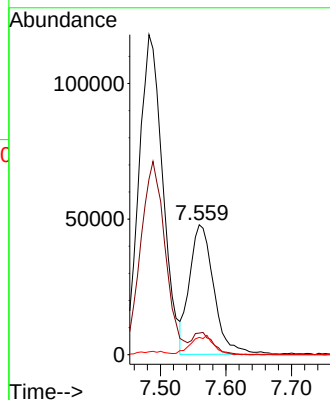
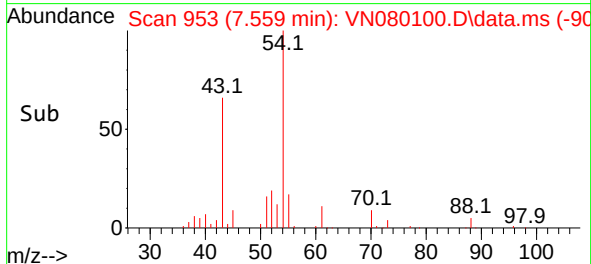
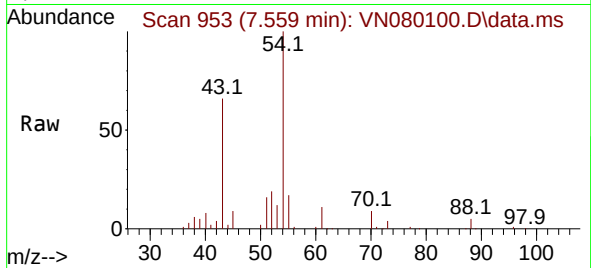
#37
Ethyl Acetate
Concen: 43.017 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 12300
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 14.0 11.3 16.9

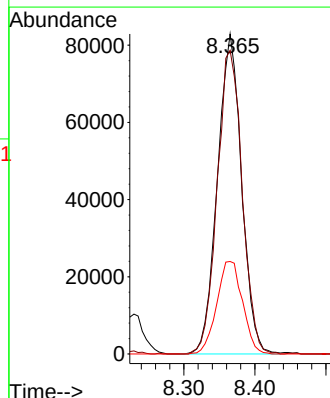
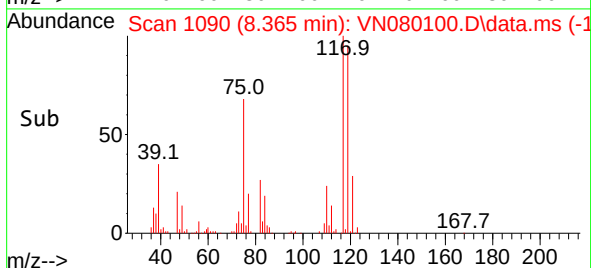
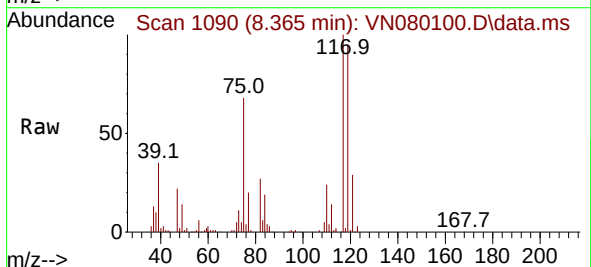
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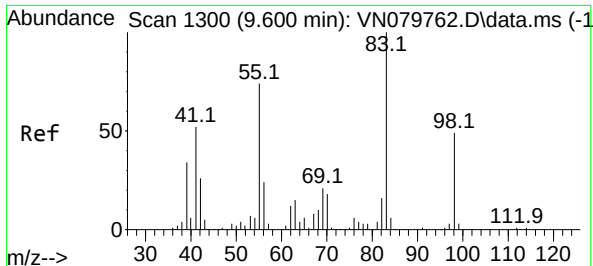
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#38
Carbon Tetrachloride
Concen: 62.191 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion:117 Resp: 195420
Ion Ratio Lower Upper
117 100
119 94.8 77.3 115.9
121 28.9 23.3 34.9





#39

Methylcyclohexane

Concen: 47.242 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

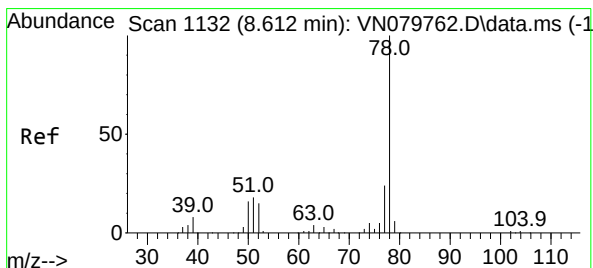
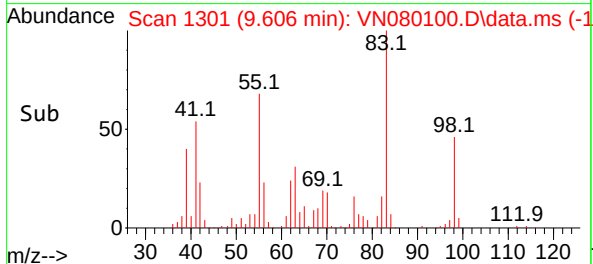
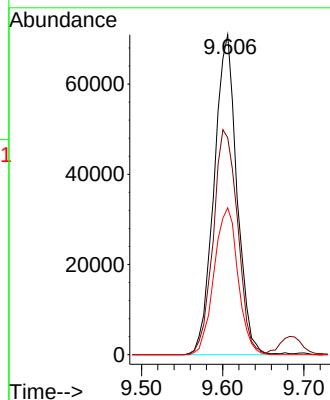
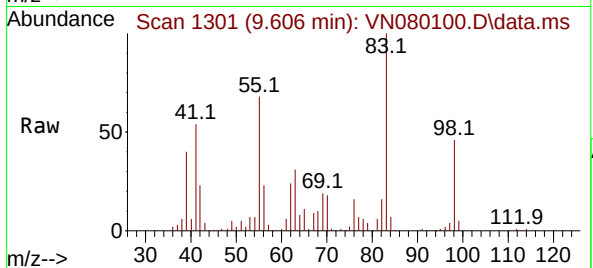
Tgt Ion: 83 Resp: 138620
 Ion Ratio Lower Upper
 83 100
 55 67.8 49.1 73.7
 98 45.9 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#40

Benzene

Concen: 47.237 ug/l

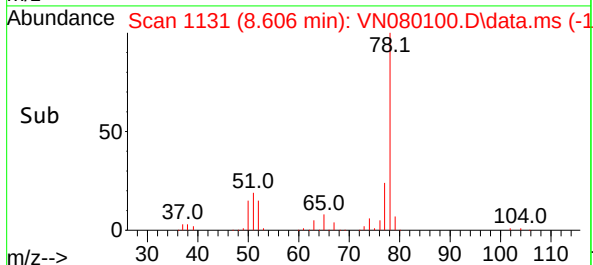
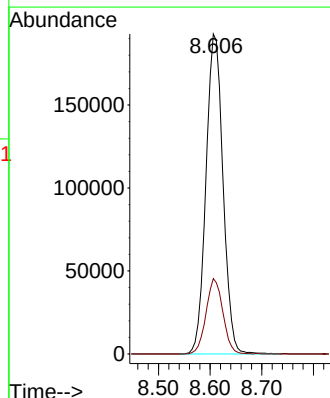
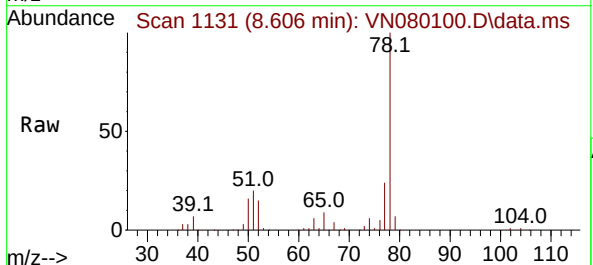
RT: 8.606 min Scan# 1131

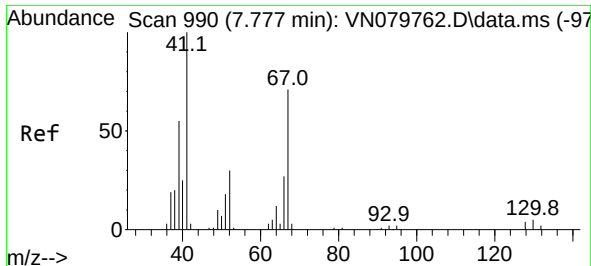
Delta R.T. -0.006 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

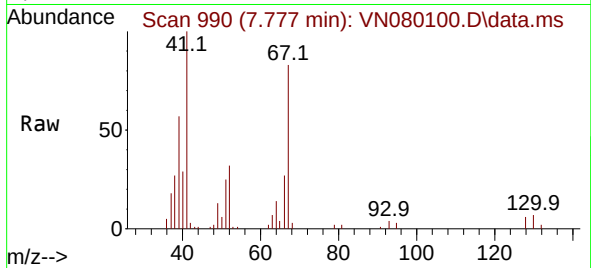
Tgt Ion: 78 Resp: 441129
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 44.889 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

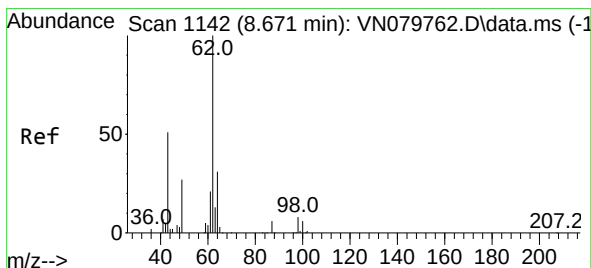
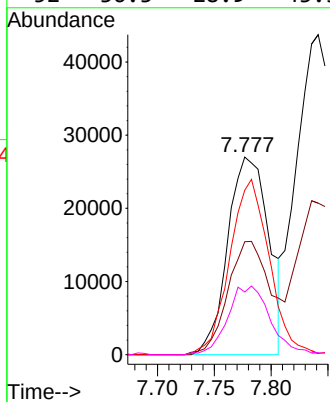
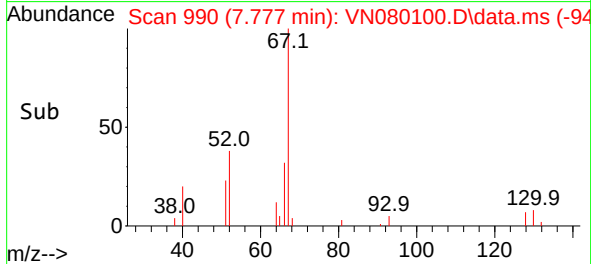
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



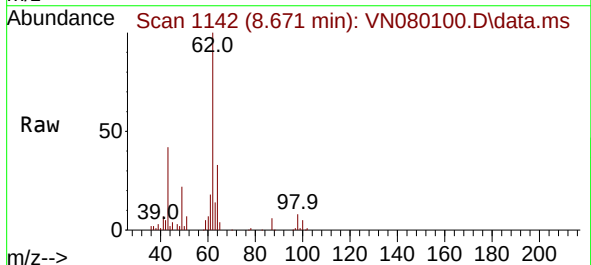
Tgt Ion: 41 Resp: 68162
Ion Ratio Lower Upper
41 100
39 60.6 42.6 64.0
67 85.2 77.5 116.3
52 36.3 28.9 43.3

Manual Integrations
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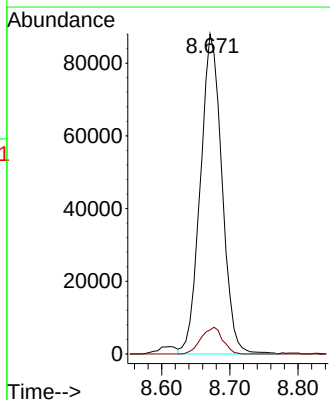
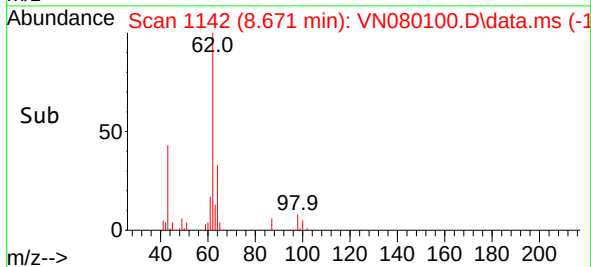
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

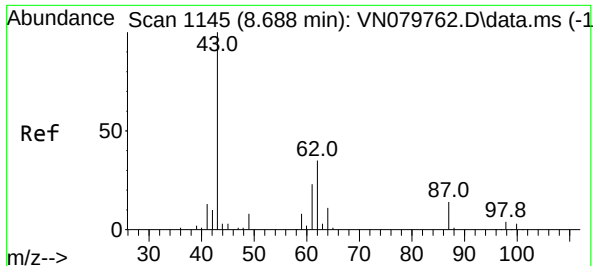


#42
1,2-Dichloroethane
Concen: 59.340 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 62 Resp: 193568
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





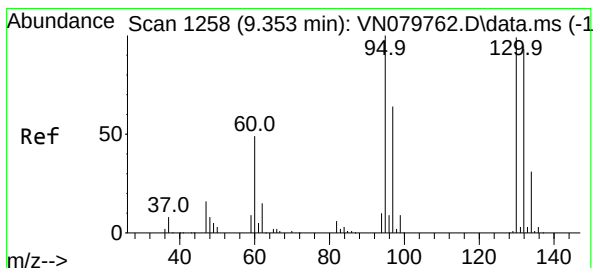
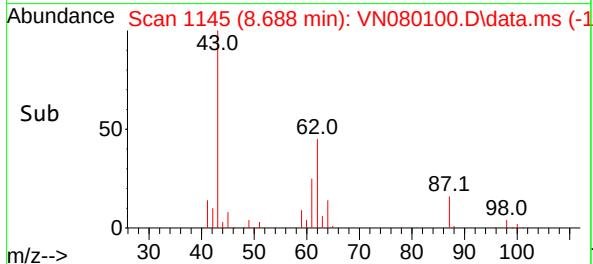
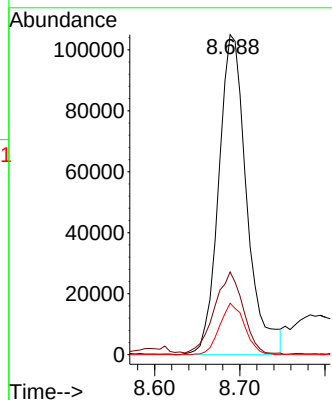
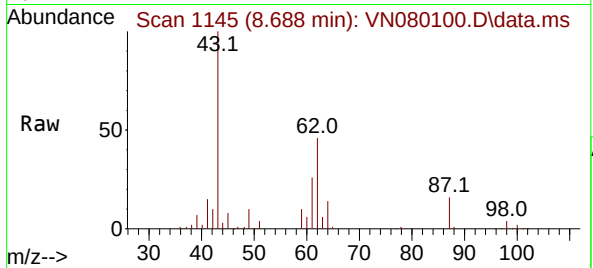
#43
Isopropyl Acetate
Concen: 48.005 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 240728
Ion Ratio Lower Upper
43 100
61 26.8 24.7 37.1
87 14.3 14.6 21.8

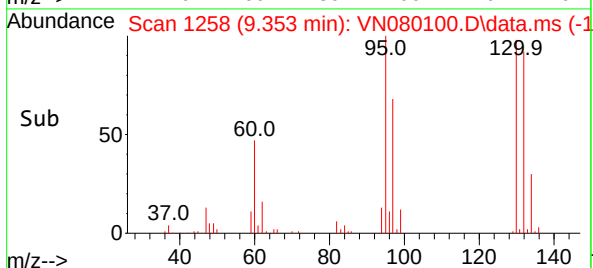
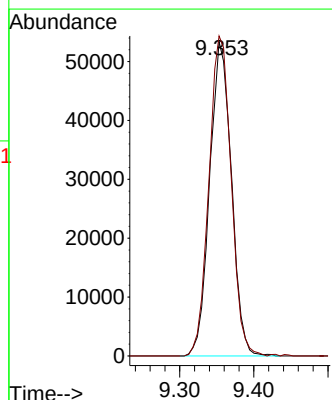
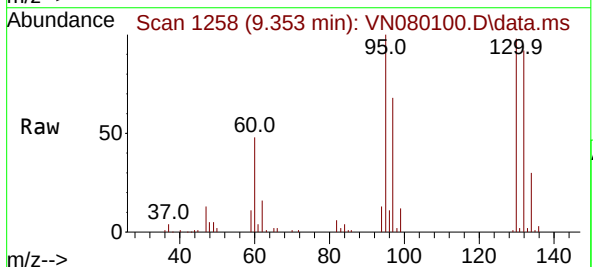
Manual Integrations
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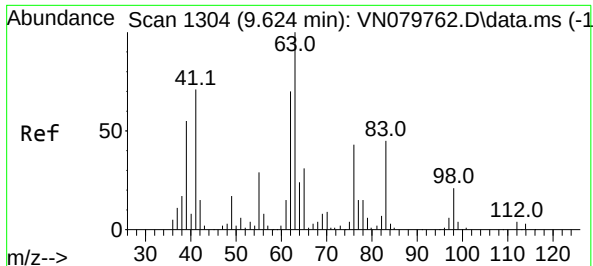
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#44
Trichloroethene
Concen: 46.923 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion:130 Resp: 108736
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 46.828 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 111750

Ion Ratio Lower Upper

63 100

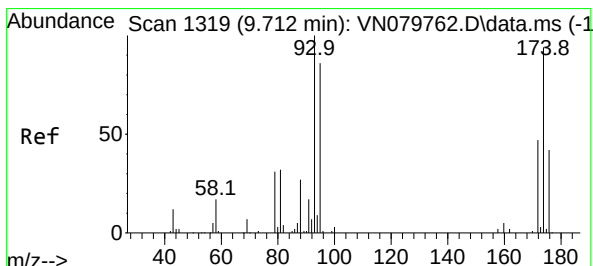
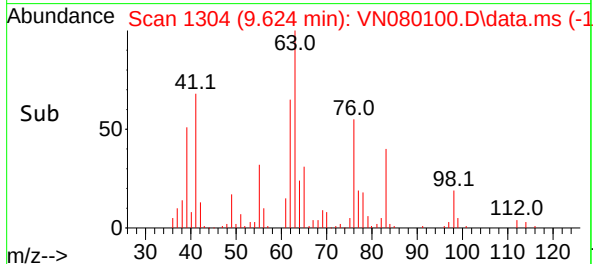
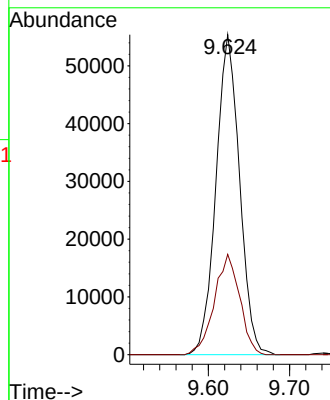
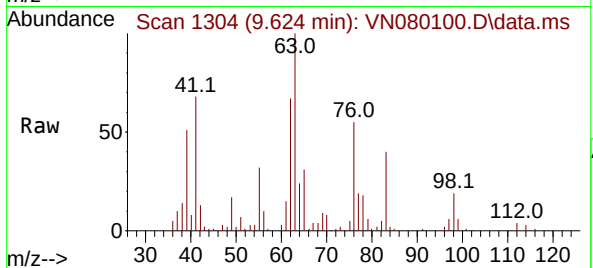
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#46

Dibromomethane

Concen: 49.979 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

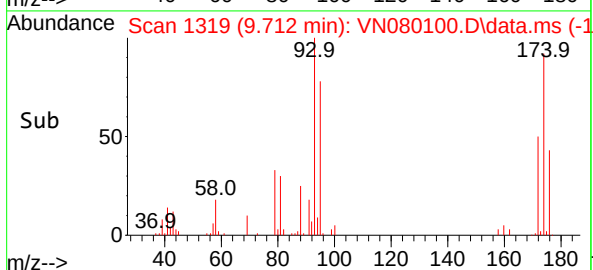
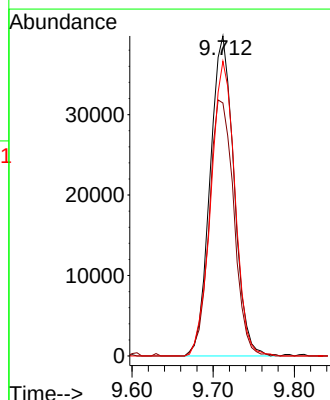
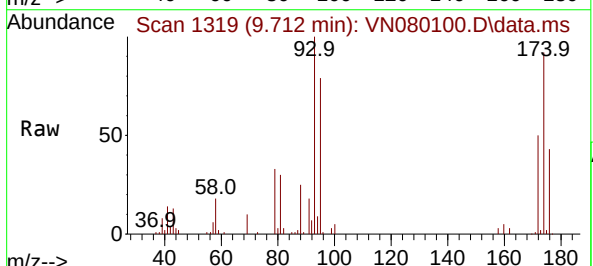
Tgt Ion: 93 Resp: 81444

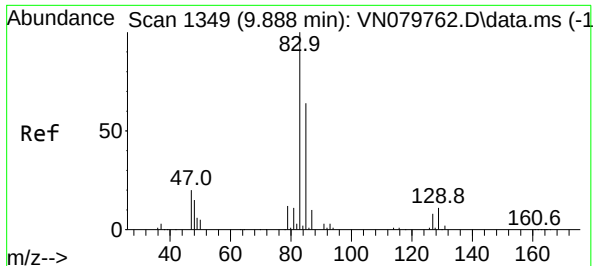
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

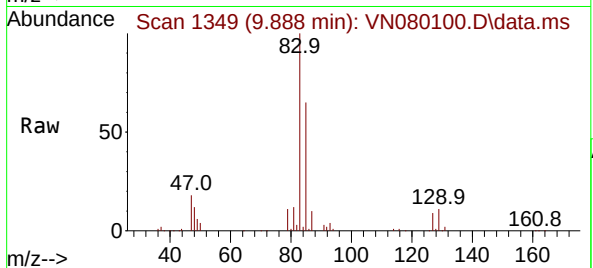
174 92.1 65.6 98.4





#47
Bromodichloromethane
Concen: 53.884 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

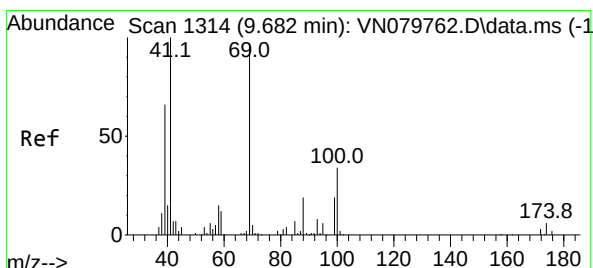
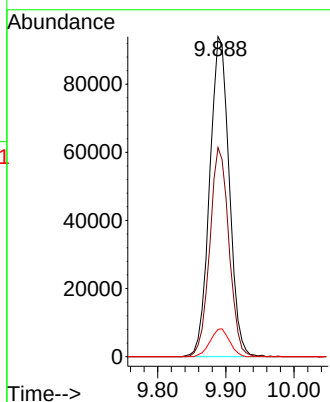
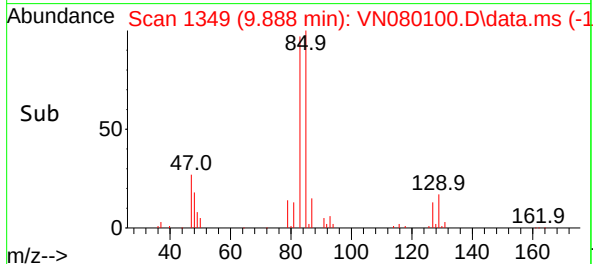
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



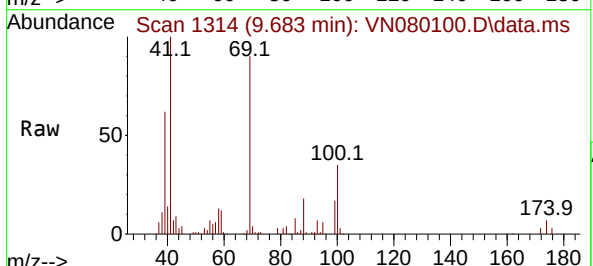
Tgt Ion: 83 Resp: 18726
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.5 7.0 10.6

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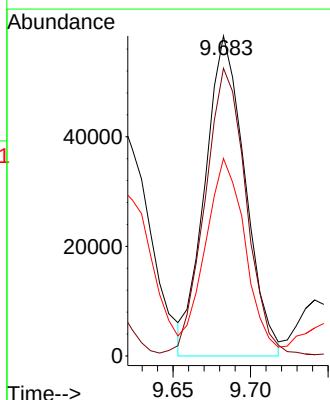
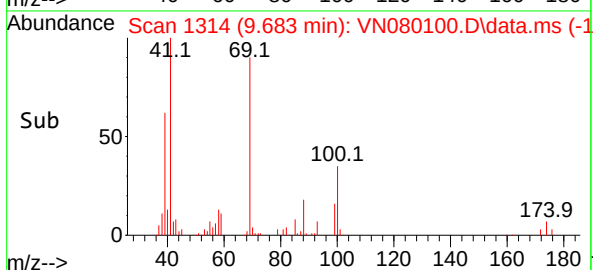
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

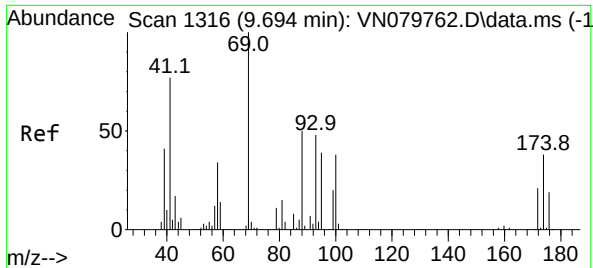


#48
Methyl methacrylate
Concen: 47.830 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 41 Resp: 105059
Ion Ratio Lower Upper
41 100
69 93.2 90.4 135.6
39 62.1 54.6 81.8





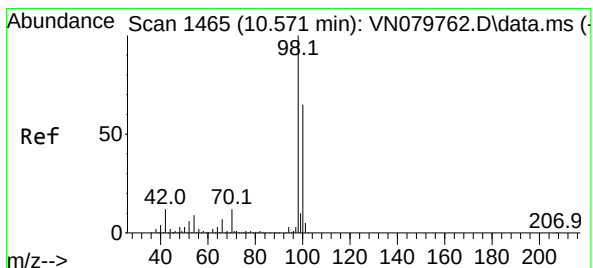
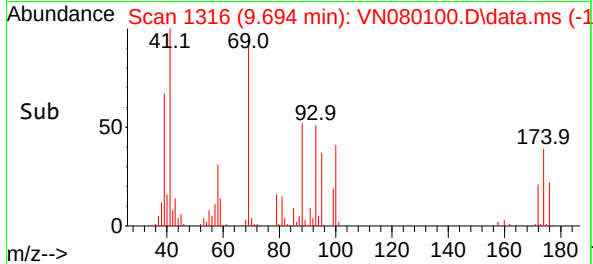
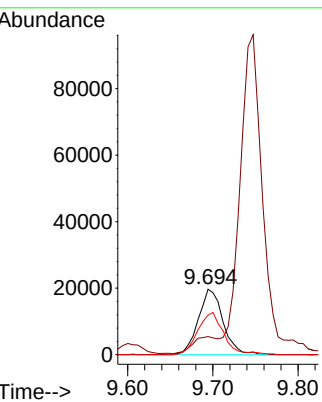
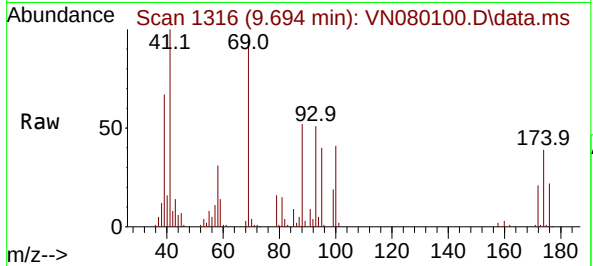
#49
1,4-Dioxane
Concen: 1019.460 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3956
Ion Ratio Lower Upper
88 100
43 26.8 17.0 25.6
58 68.1 47.0 70.4

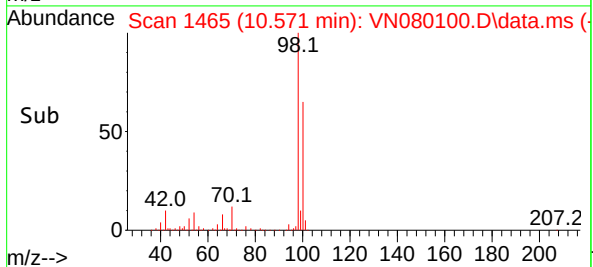
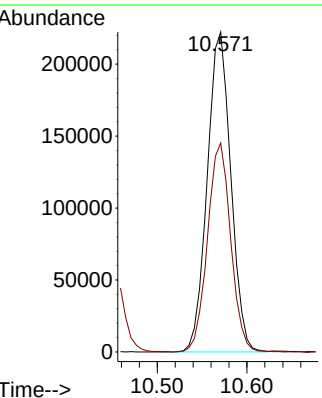
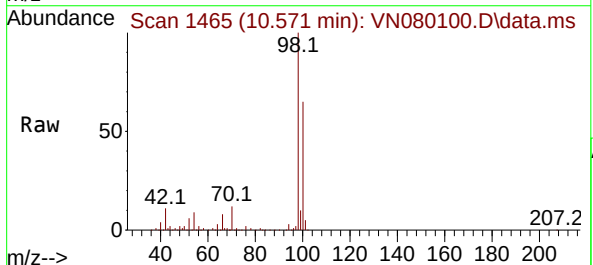
Manual Integrations
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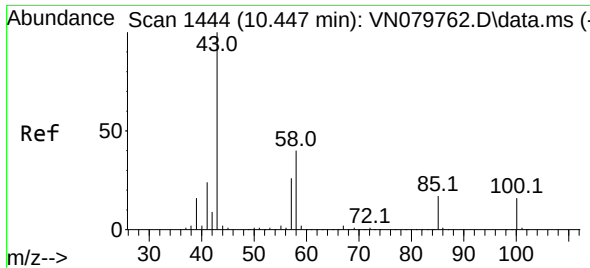
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#50
Toluene-d8
Concen: 50.506 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 98 Resp: 406007
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





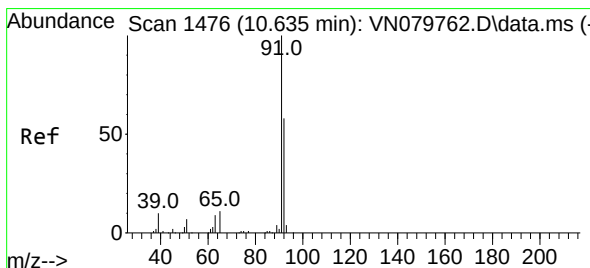
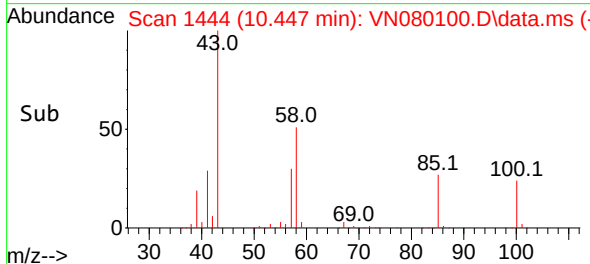
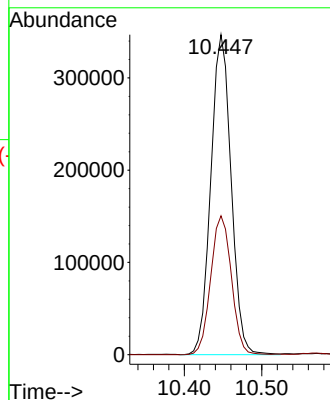
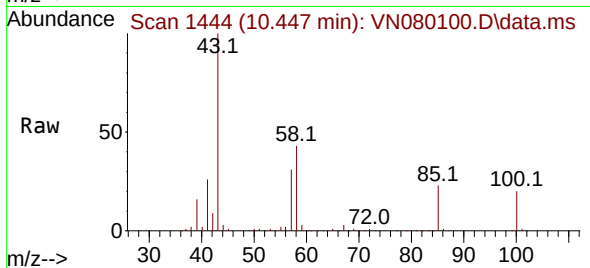
#51
4-Methyl-2-Pentanone
Concen: 223.945 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 632249
Ion Ratio Lower Upper
43 100
58 44.0 36.6 54.8

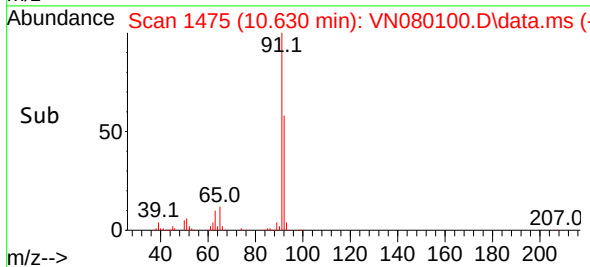
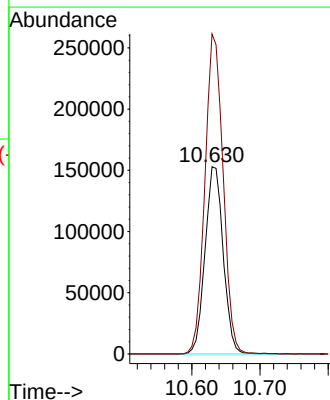
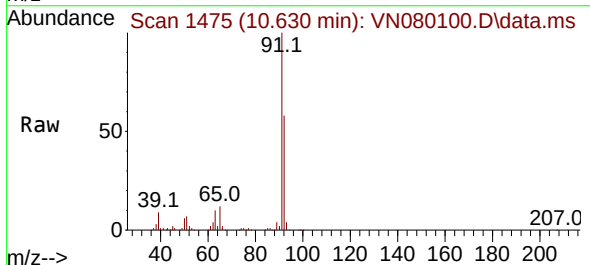
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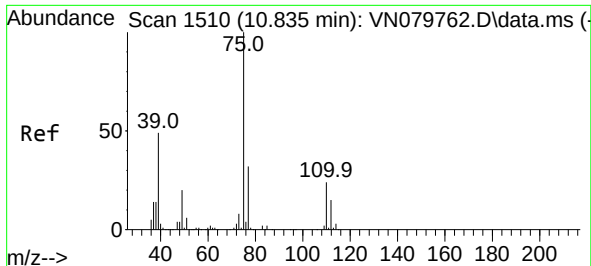
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#52
Toluene
Concen: 51.170 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 92 Resp: 283291
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0





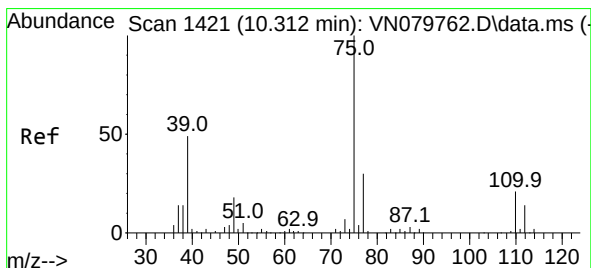
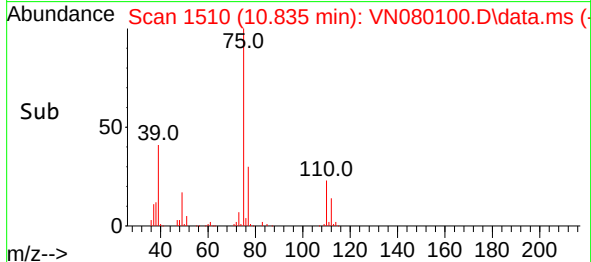
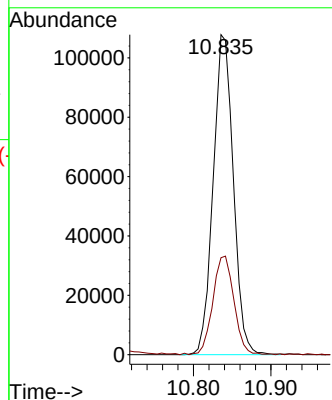
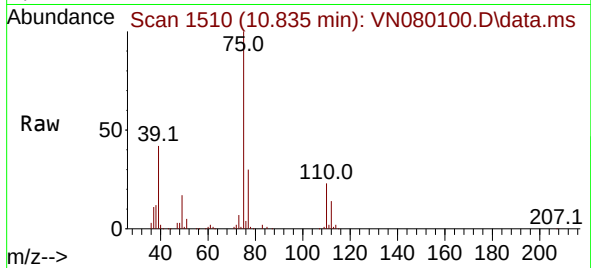
#53
 t-1,3-Dichloropropene
 Concen: 57.182 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 194815
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0

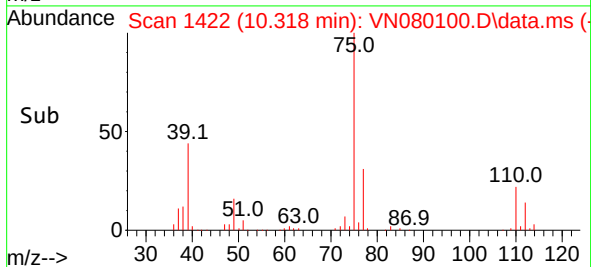
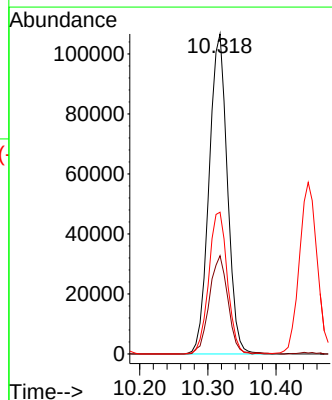
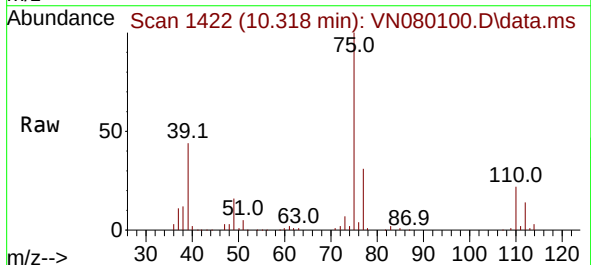
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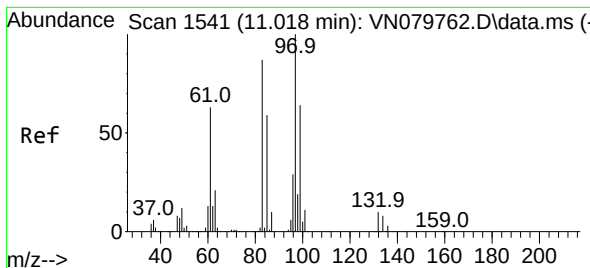
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.580 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

Tgt Ion: 75 Resp: 198967
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 44.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 50.614 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 112700

Ion Ratio Lower Upper

97 100

83 86.1 65.1 97.7

85 55.7 43.4 65.2

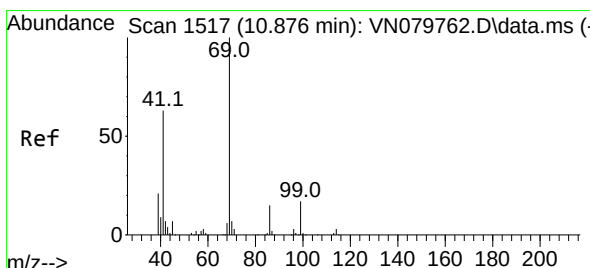
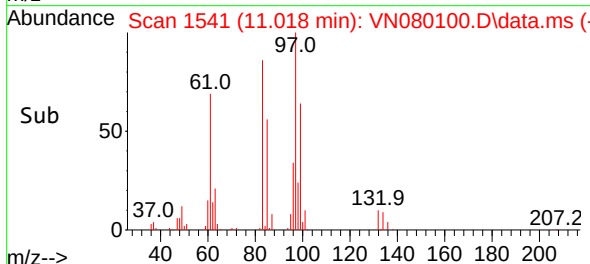
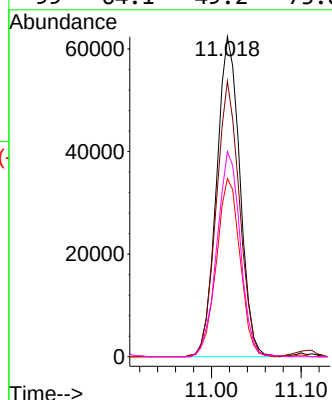
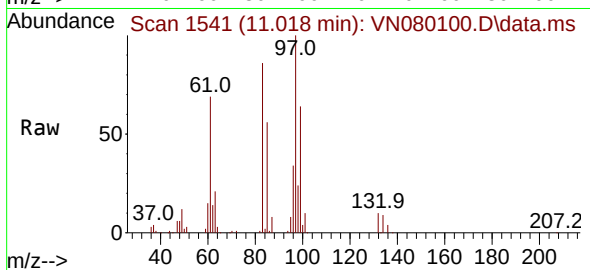
99 64.1 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#56

Ethyl methacrylate

Concen: 54.472 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

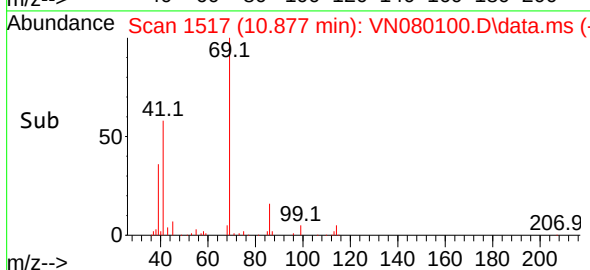
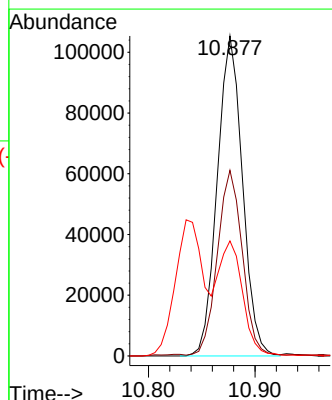
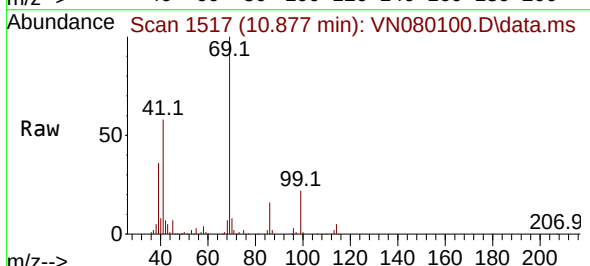
Tgt Ion: 69 Resp: 173019

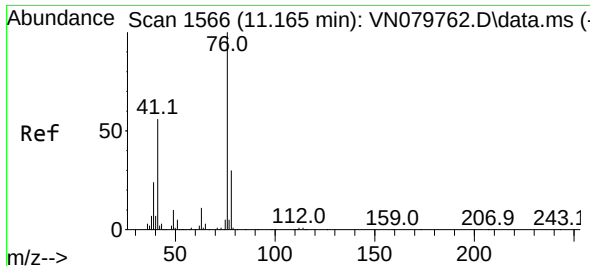
Ion Ratio Lower Upper

69 100

41 56.9 39.6 59.4

39 34.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.415 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 201800

Ion Ratio Lower Upper

76 100

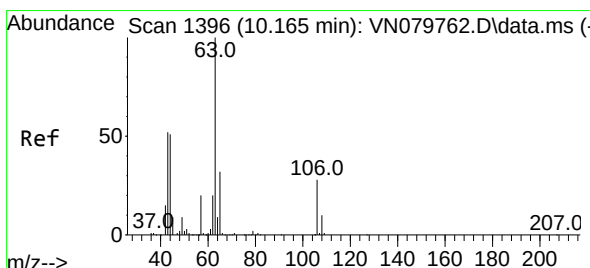
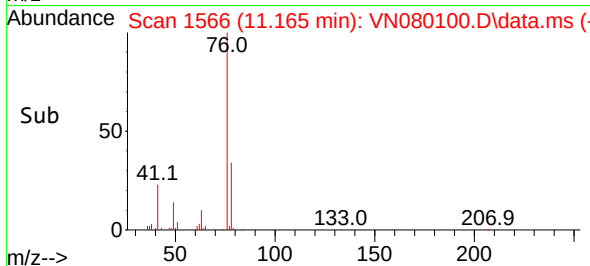
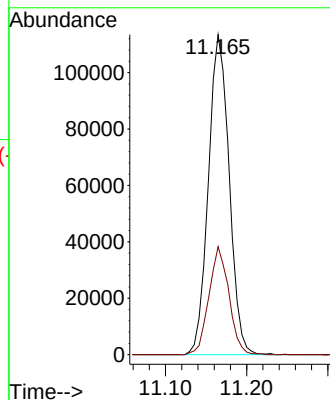
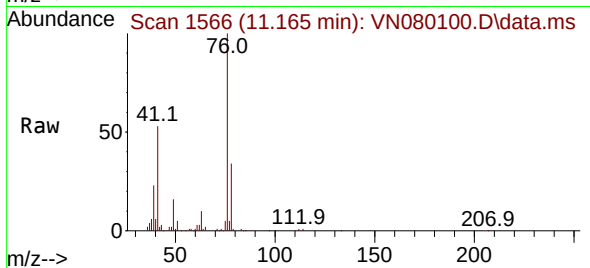
78 32.4 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.291 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080100.D

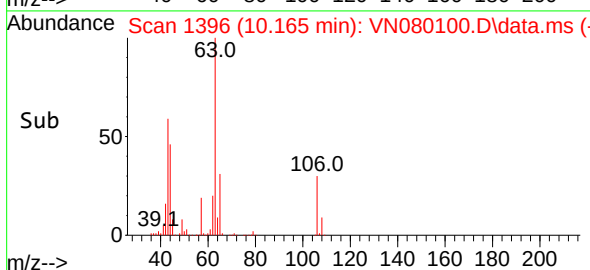
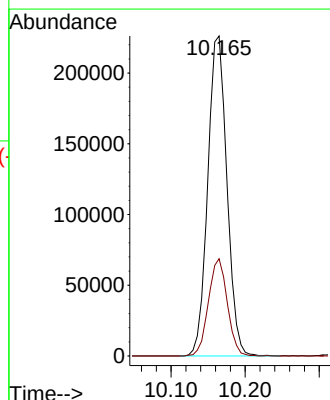
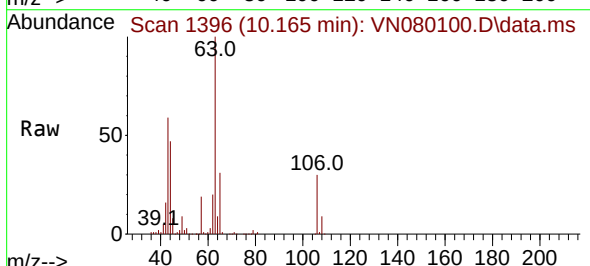
Acq: 14 Nov 2023 19:36

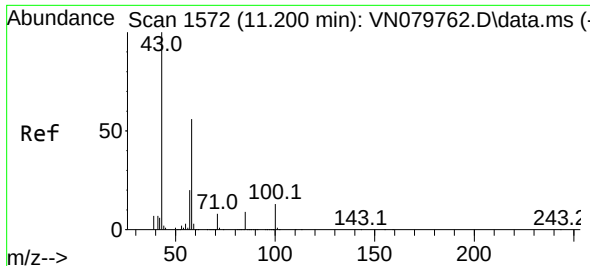
Tgt Ion: 63 Resp: 406152

Ion Ratio Lower Upper

63 100

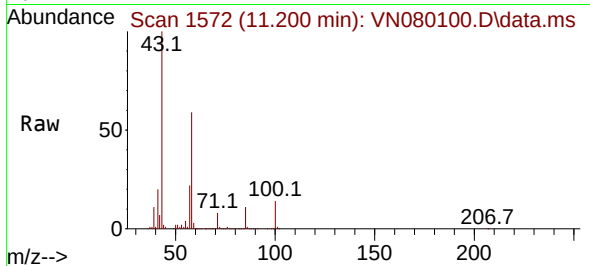
106 29.9 26.2 39.4





#59
2-Hexanone
Concen: 216.605 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

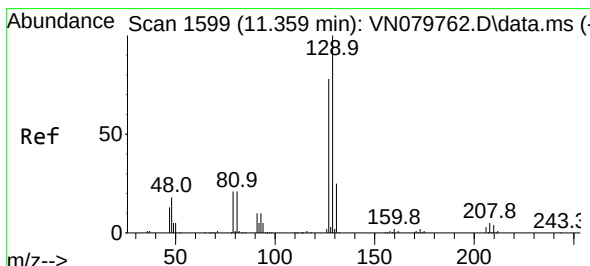
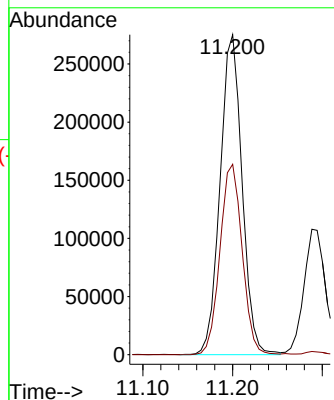
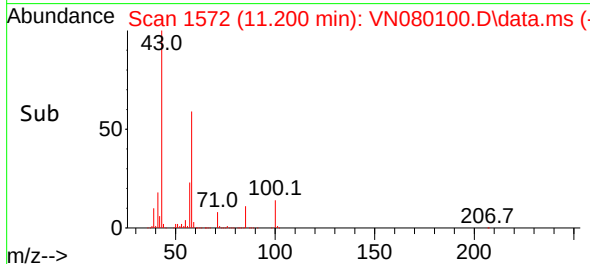
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 467814
Ion Ratio Lower Upper
43 100
58 60.0 31.7 95.1

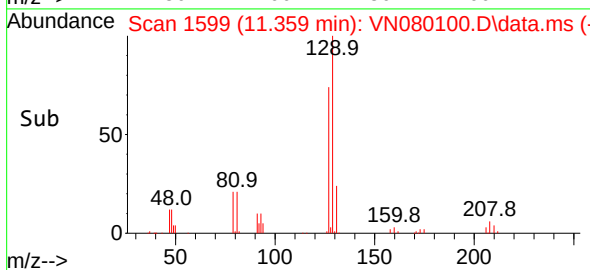
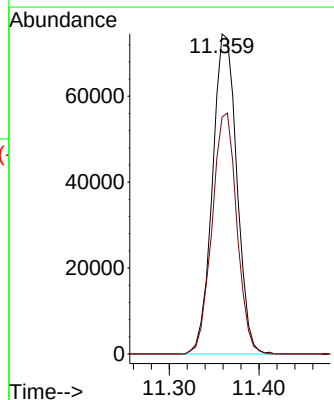
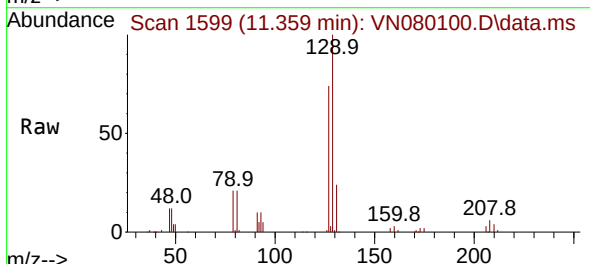
Manual Integrations
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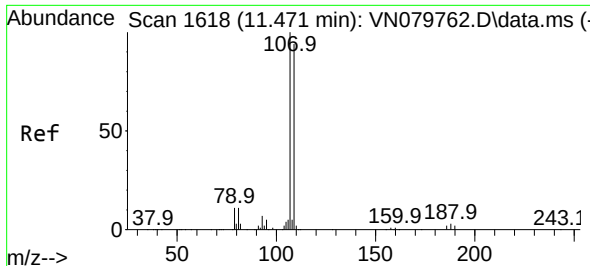
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#60
Dibromochloromethane
Concen: 58.870 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

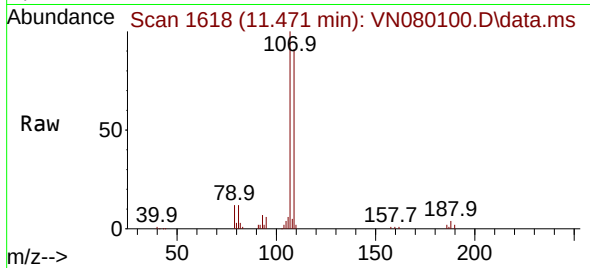
Tgt Ion:129 Resp: 140321
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.882 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

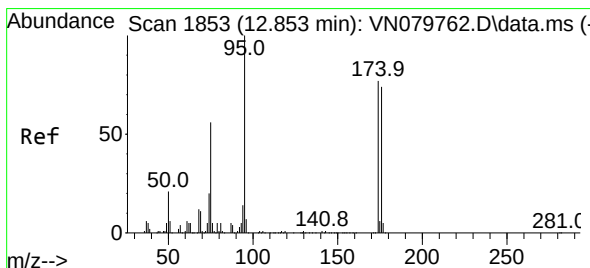
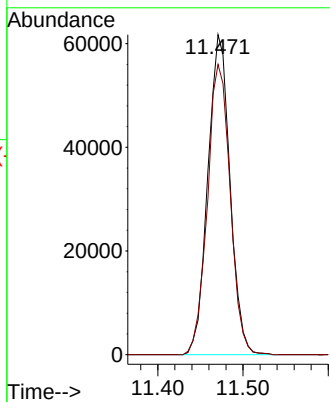
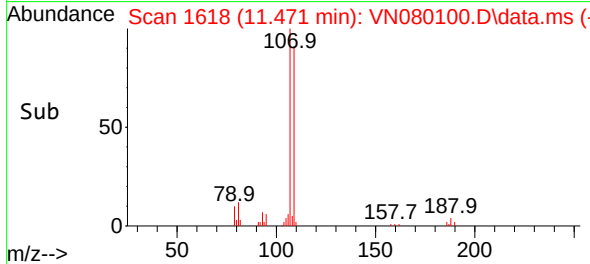
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



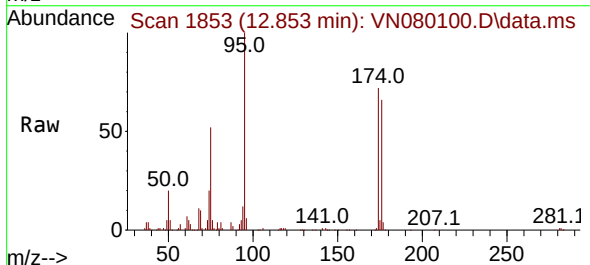
Tgt Ion:107 Resp: 111480
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

Manual Integrations
APPROVED

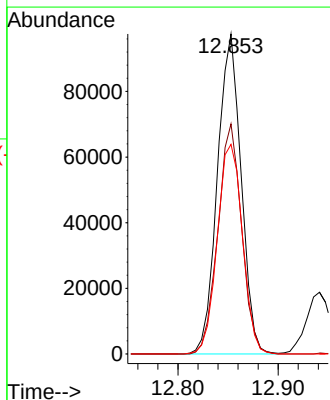
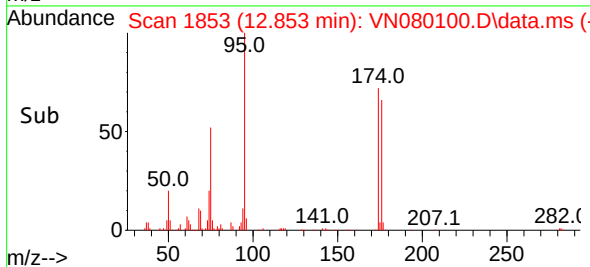
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

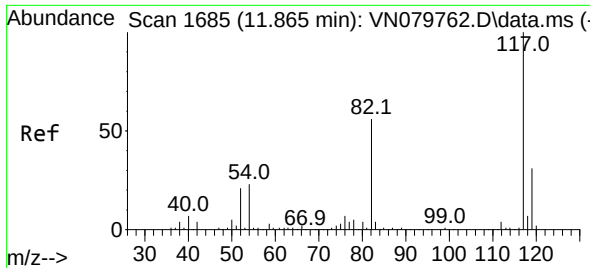


#62
4-Bromofluorobenzene
Concen: 60.086 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 95 Resp: 160195
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.6 0.0 135.8





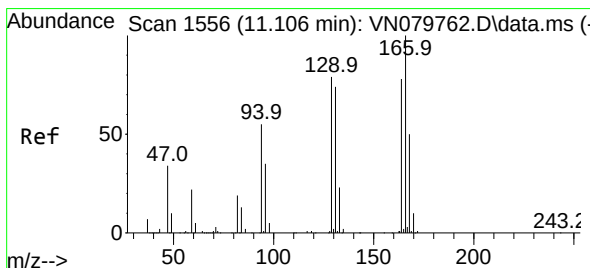
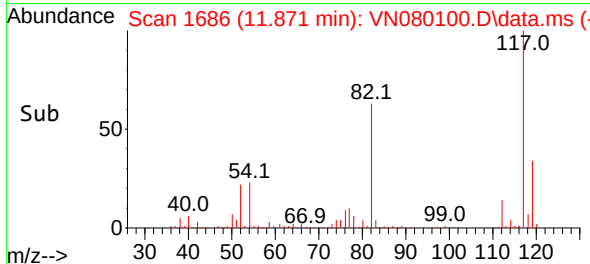
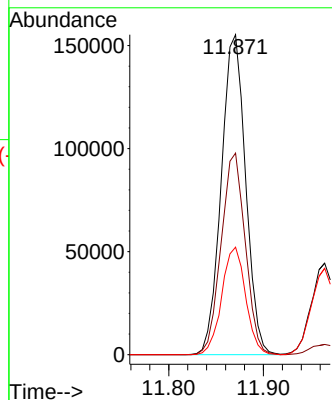
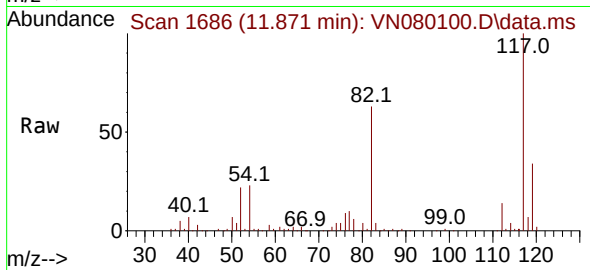
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 27740
Ion Ratio Lower Upper
117 100
82 63.0 44.0 66.0
119 33.6 25.6 38.4

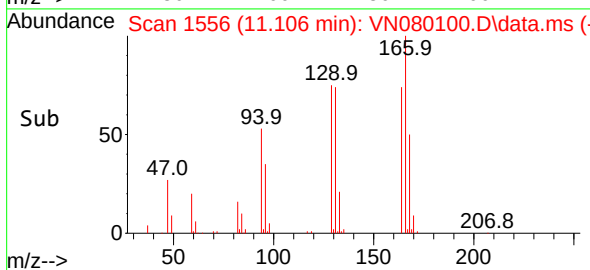
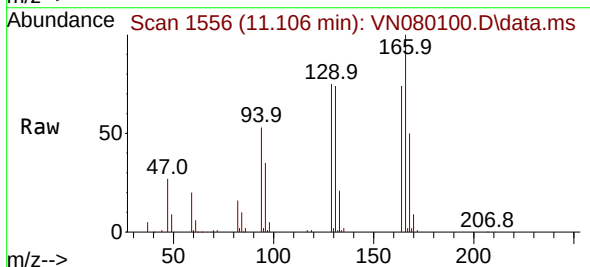
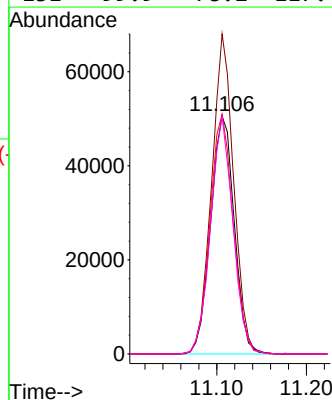
Manual Integrations
APPROVED

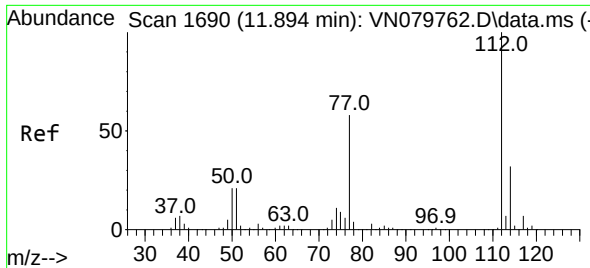
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#64
Tetrachloroethene
Concen: 51.361 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion:164 Resp: 92275
Ion Ratio Lower Upper
164 100
166 134.6 101.4 152.0
129 100.9 82.4 123.6
131 99.9 78.2 117.4





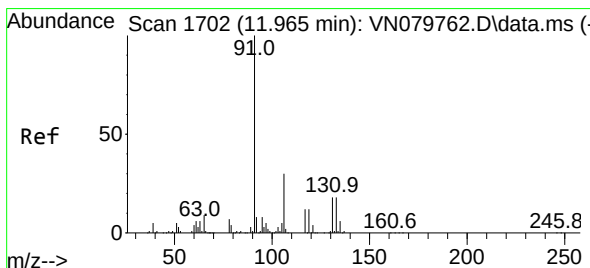
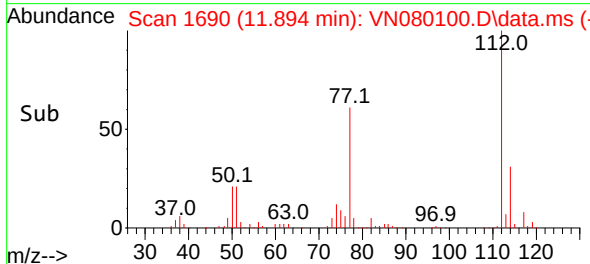
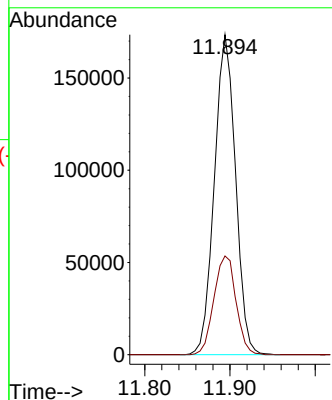
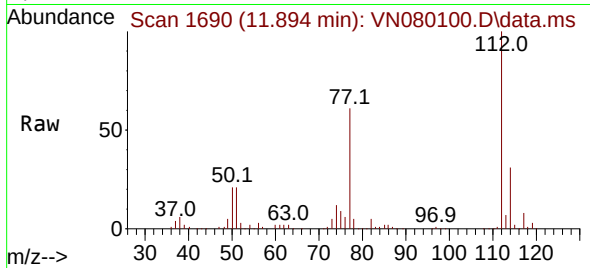
#65
Chlorobenzene
Concen: 49.655 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 298790
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

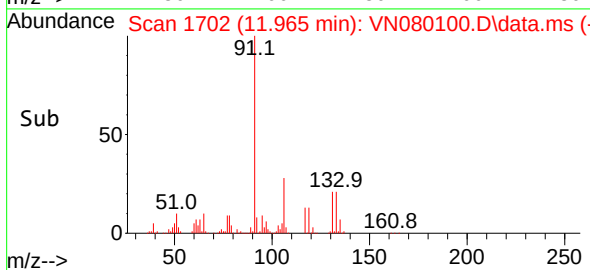
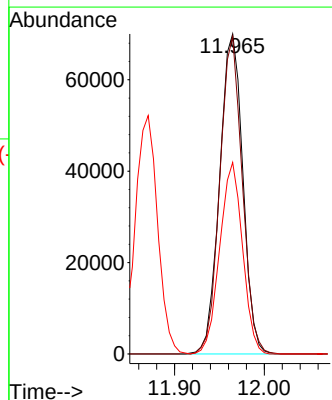
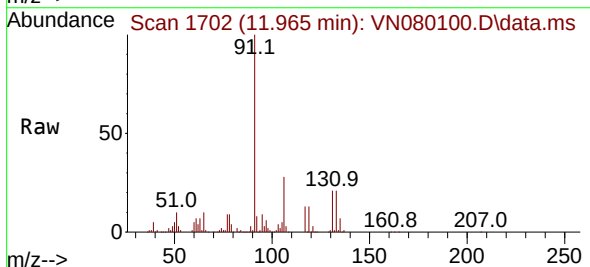
Manual Integrations
APPROVED

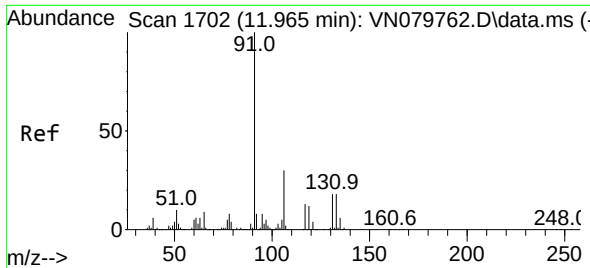
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.913 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

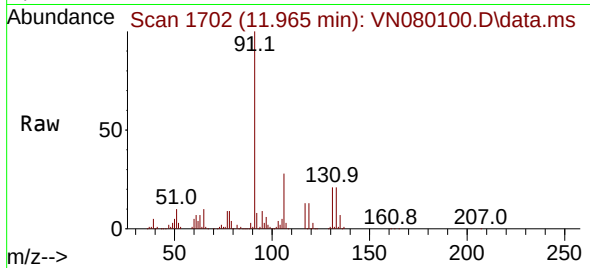
Tgt Ion:131 Resp: 125555
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 58.9 34.1 102.2





#67
Ethyl Benzene
Concen: 53.013 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

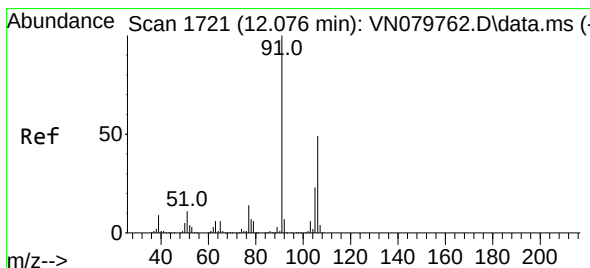
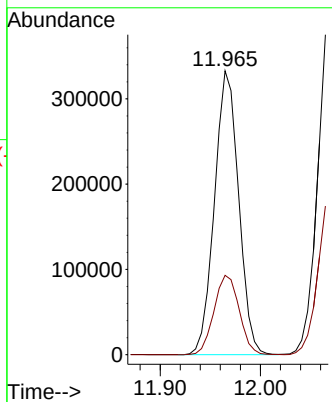
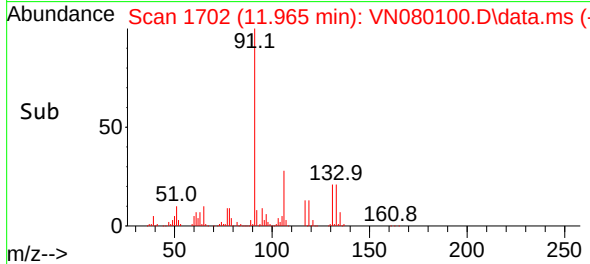
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



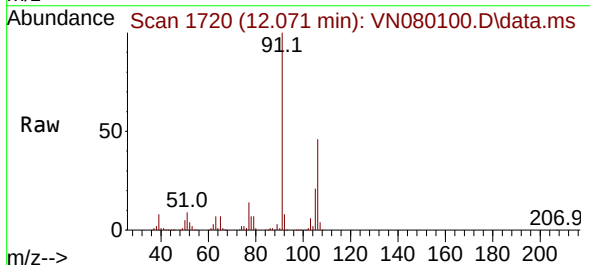
Tgt Ion: 91 Resp: 555779
Ion Ratio Lower Upper
91 100
106 27.9 25.6 38.4

Manual Integrations
APPROVED

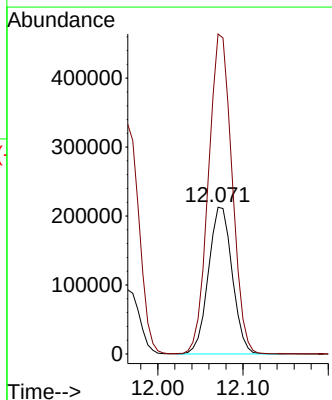
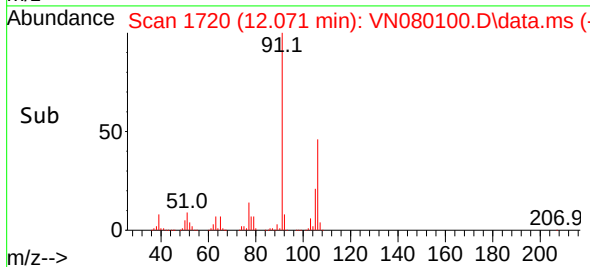
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

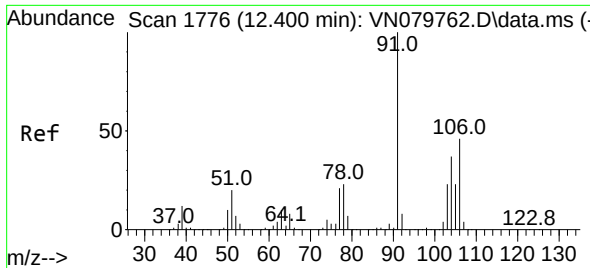


#68
m/p-Xylenes
Concen: 105.912 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion:106 Resp: 413626
Ion Ratio Lower Upper
106 100
91 216.2 159.6 239.4





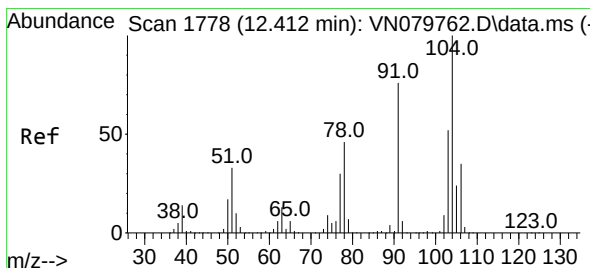
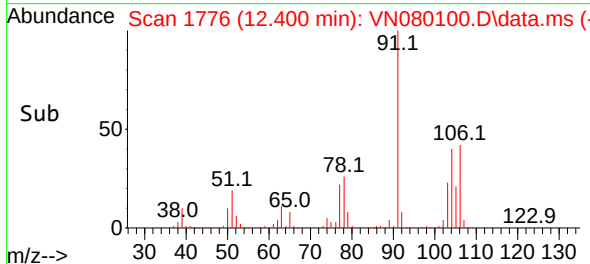
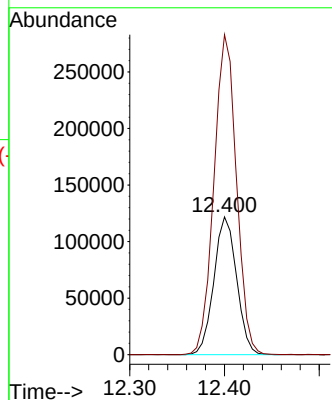
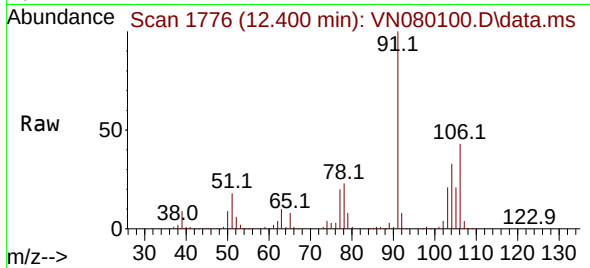
#69
o-Xylene
Concen: 54.002 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 203084
Ion Ratio Lower Upper
106 100
91 230.0 105.2 315.5

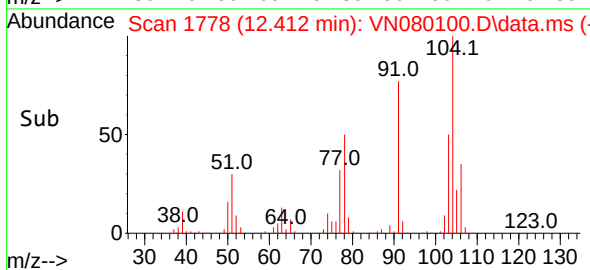
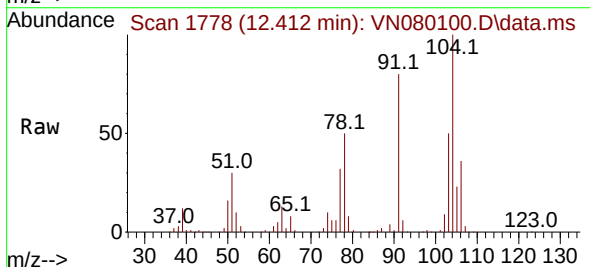
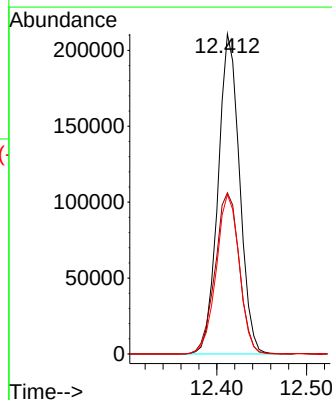
Manual Integrations
APPROVED

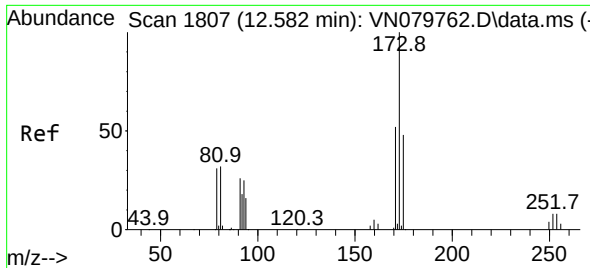
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#70
Styrene
Concen: 58.060 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

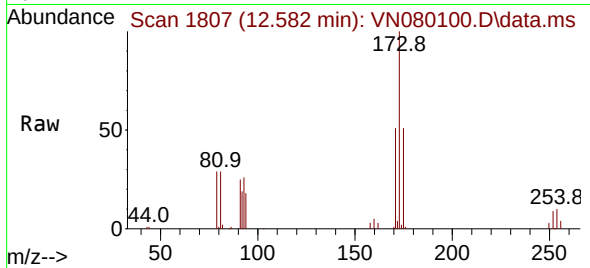
Tgt Ion:104 Resp: 350901
Ion Ratio Lower Upper
104 100
78 56.4 39.5 59.3
103 53.2 43.2 64.8





#71
Bromoform
Concen: 62.121 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

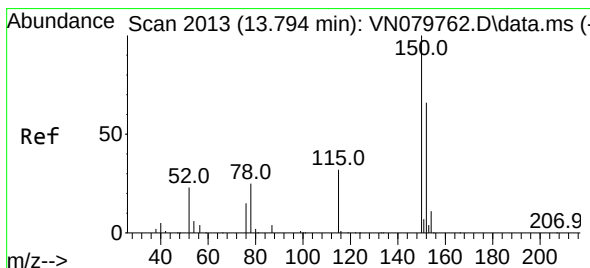
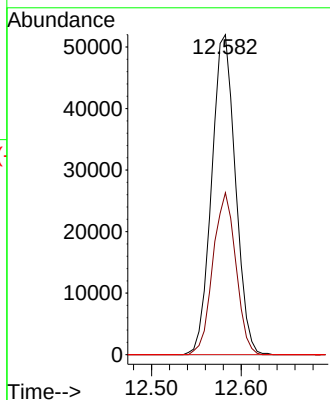
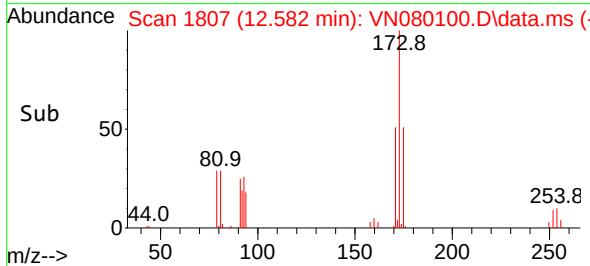
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



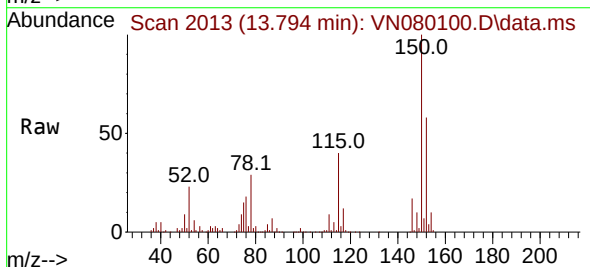
Tgt Ion:173 Resp: 95632
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

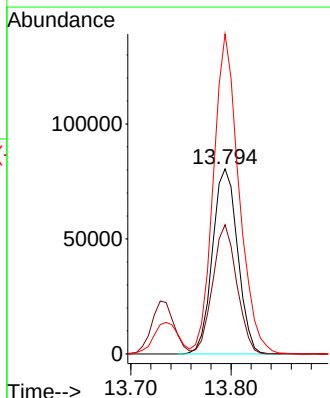
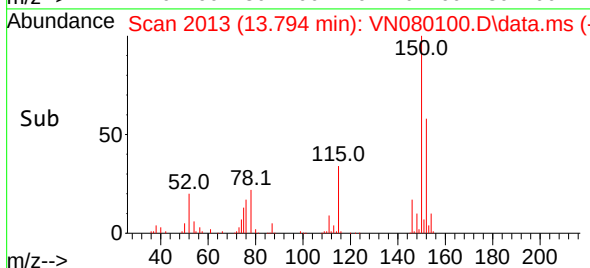
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

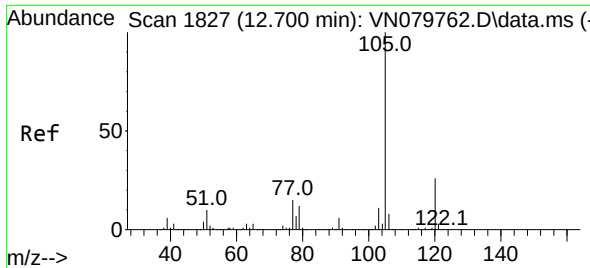


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



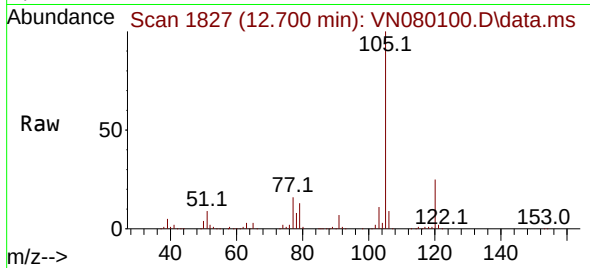
Tgt Ion:152 Resp: 139885
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 176.0 0.0 355.8





#73
Isopropylbenzene
Concen: 50.624 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

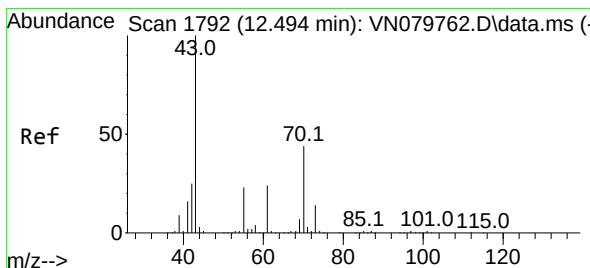
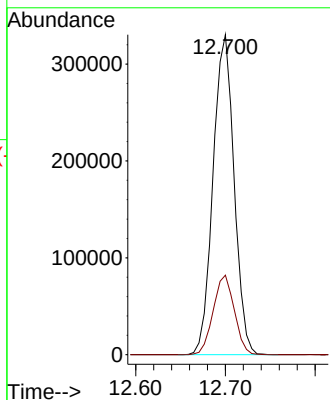
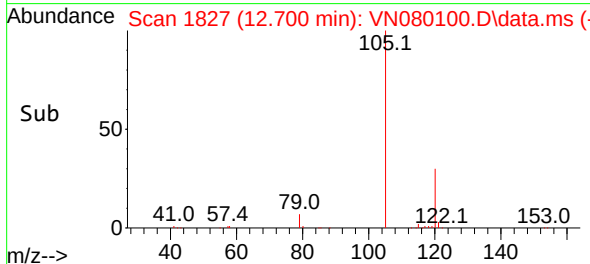
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



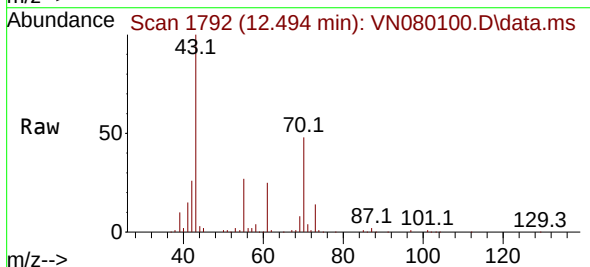
Tgt Ion:105 Resp: 537440
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

Manual Integrations
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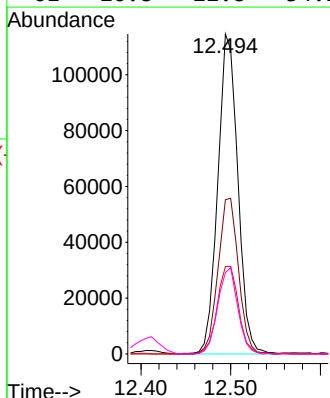
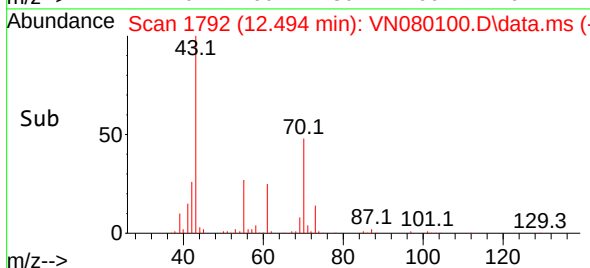
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

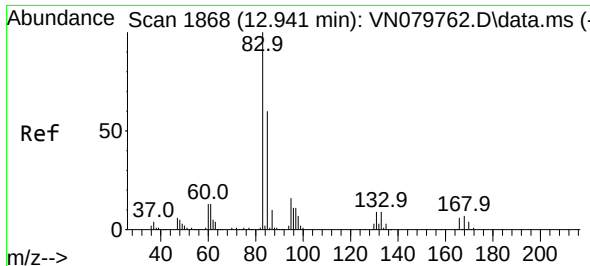


#74
N-ethyl acetate
Concen: 38.423 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



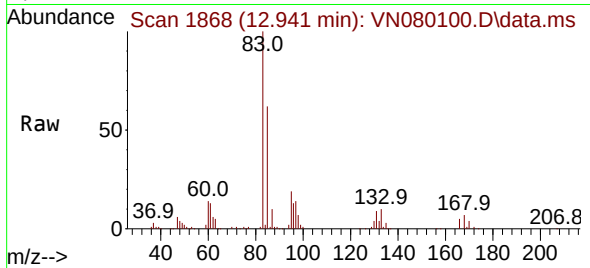
Tgt Ion: 43 Resp: 178050
Ion Ratio Lower Upper
43 100
70 49.6 43.4 65.2
55 29.0 21.4 32.0
61 26.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.429 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

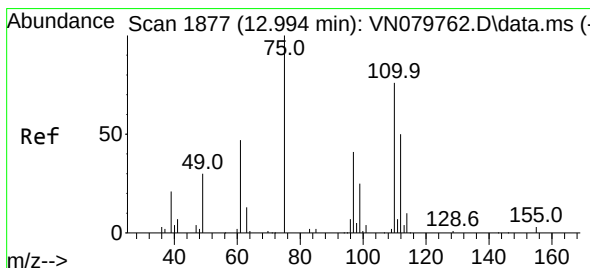
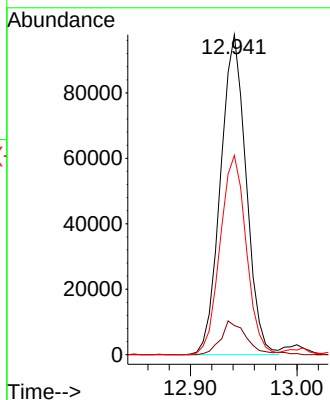
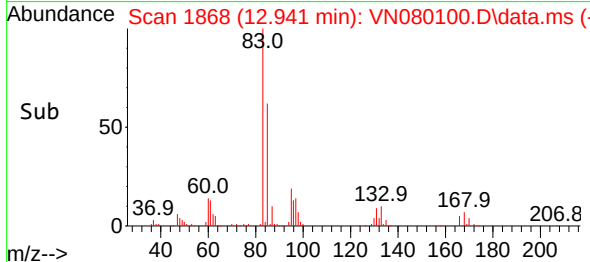
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 163474
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 63.4 31.9 95.7

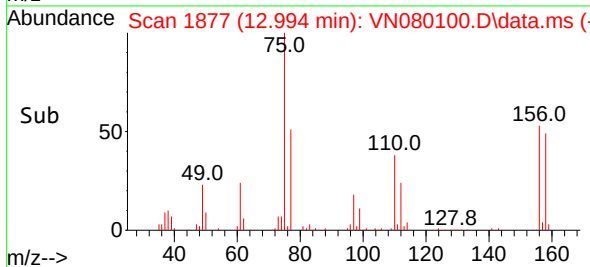
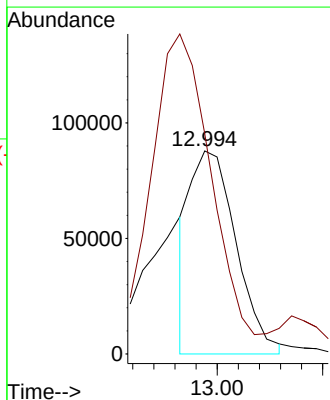
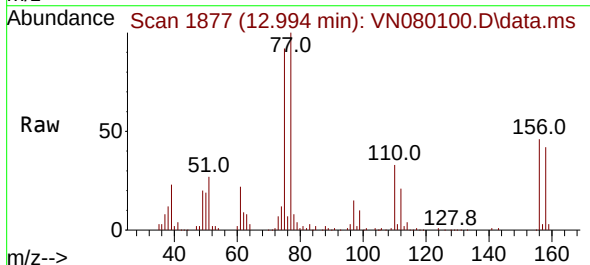
Manual Integrations
APPROVED

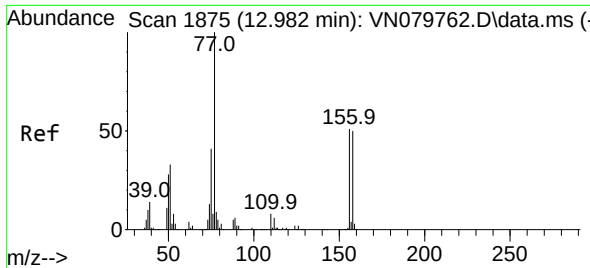
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#76
1,2,3-Trichloropropane
Concen: 40.406 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 75 Resp: 132697
Ion Ratio Lower Upper
75 100
77 211.9 84.5 253.5





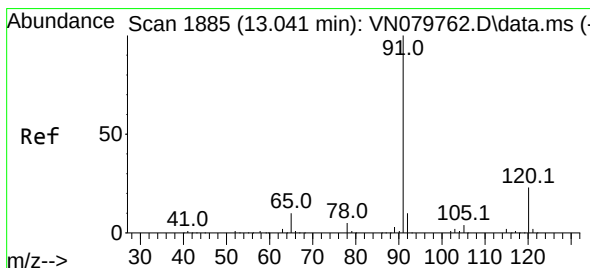
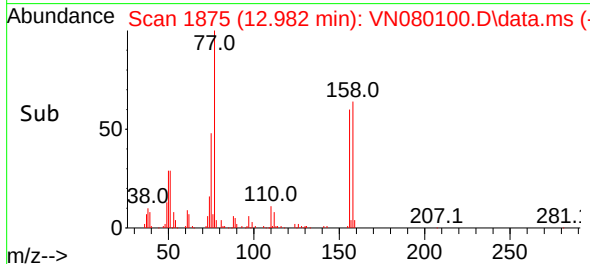
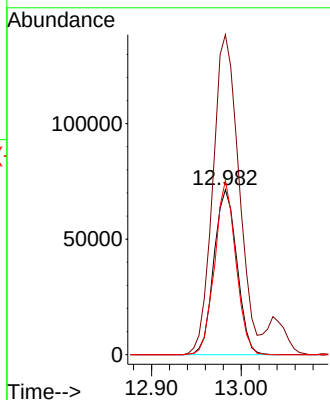
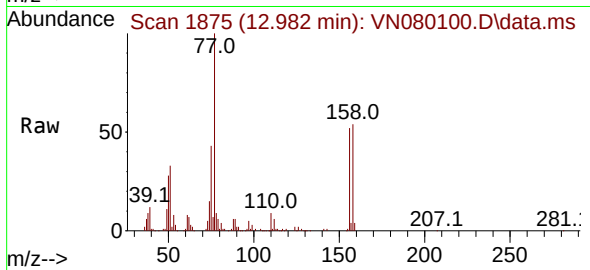
#77
Bromobenzene
Concen: 48.905 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 12711
Ion Ratio Lower Upper
156 100
77 221.2 107.7 323.3
158 97.0 48.4 145.3

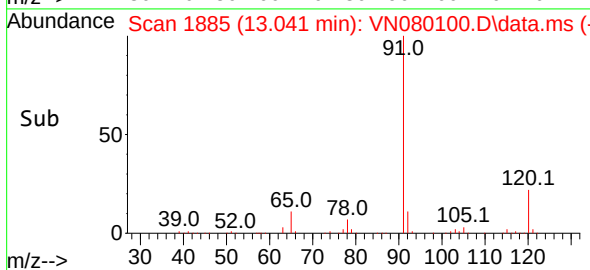
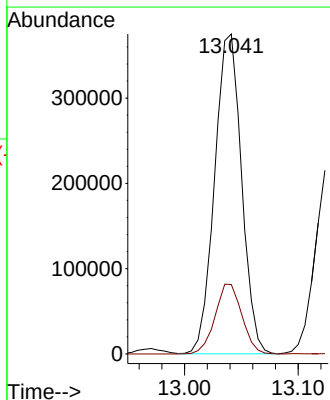
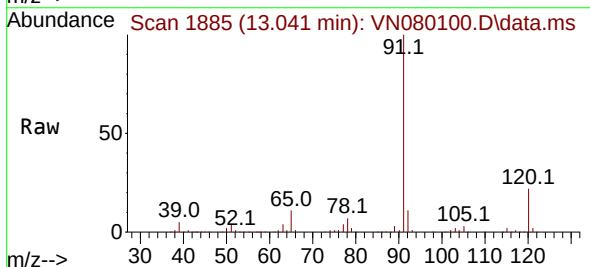
Manual Integrations
APPROVED

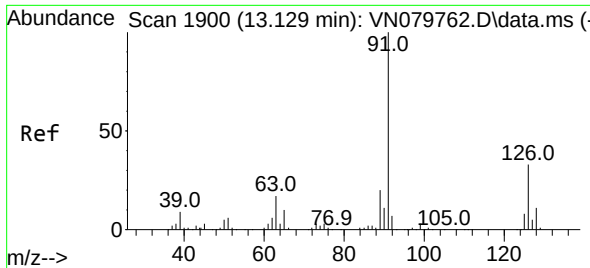
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#78
n-propylbenzene
Concen: 50.816 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Tgt Ion: 91 Resp: 617791
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





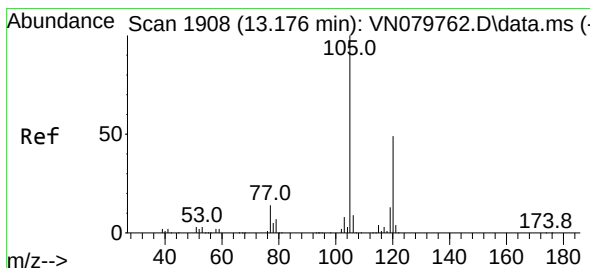
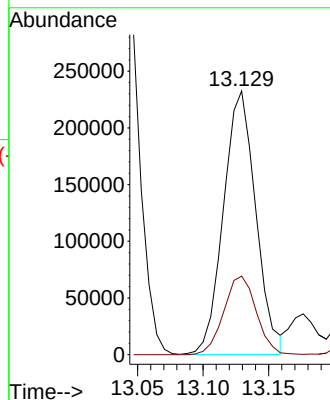
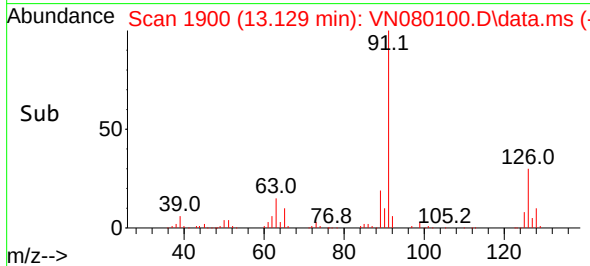
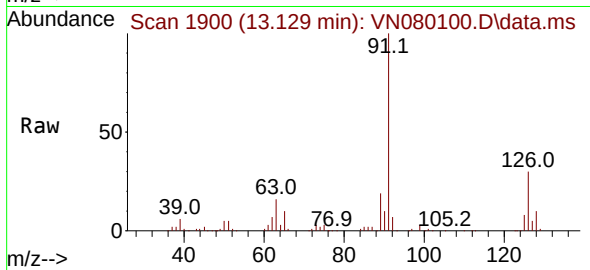
#79
2-Chlorotoluene
Concen: 51.342 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 398749
Ion Ratio Lower Upper
91 100
126 30.0 16.3 48.8

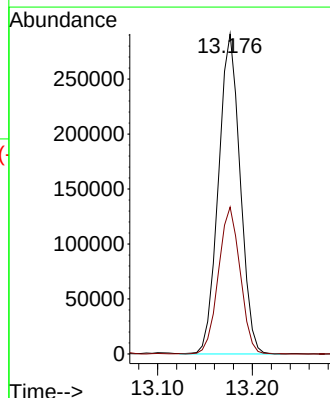
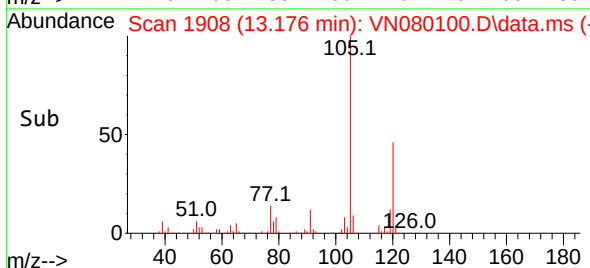
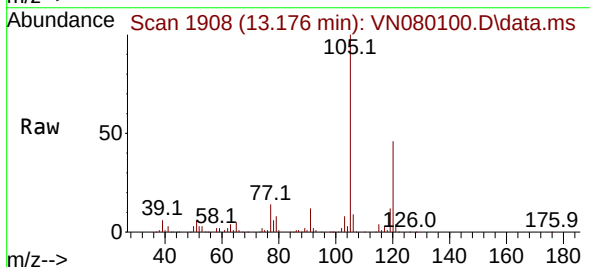
Manual Integrations
APPROVED

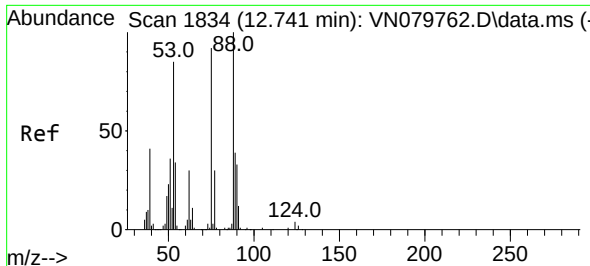
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.138 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

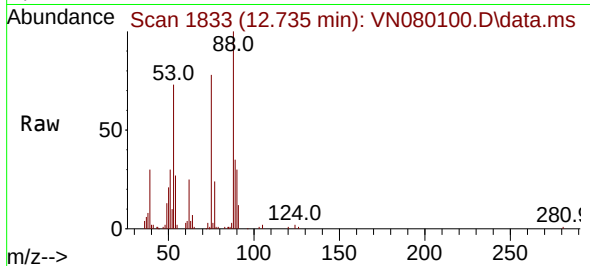
Tgt Ion:105 Resp: 463695
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.877 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

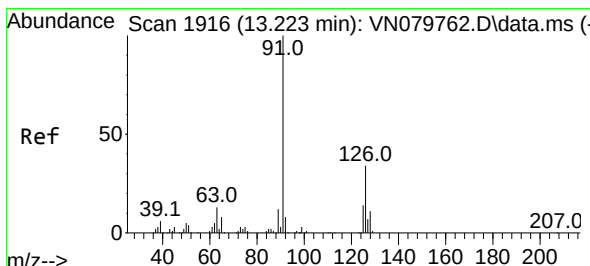
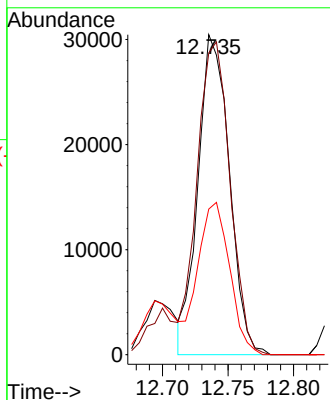
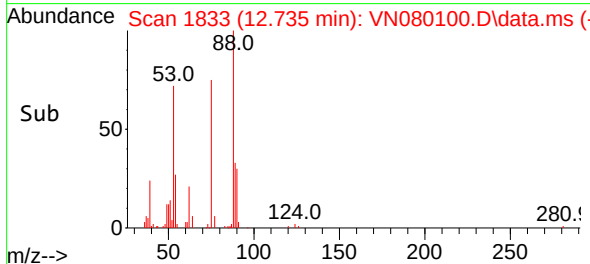
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



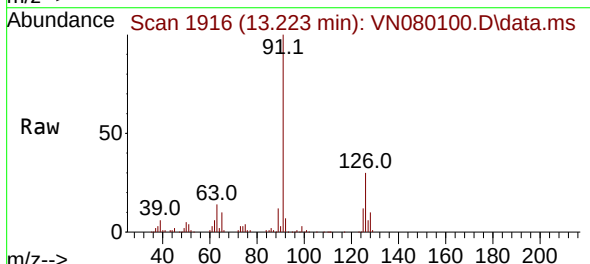
Tgt Ion: 75 Resp: 50548
Ion Ratio Lower Upper
75 100
53 103.0 67.4 101.2
89 49.3 38.8 58.2

Manual Integrations
APPROVED

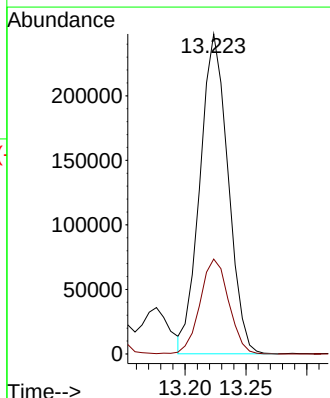
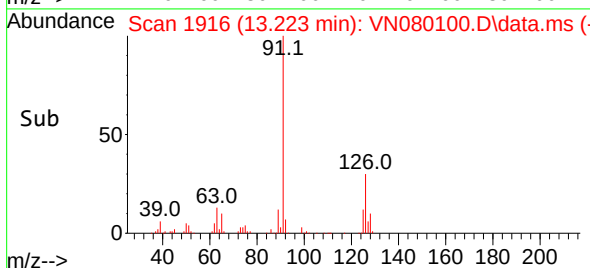
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

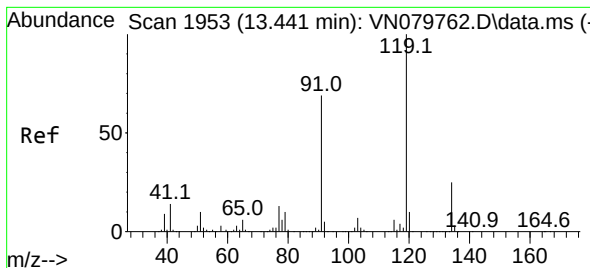


#82
4-Chlorotoluene
Concen: 51.490 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion: 91 Resp: 397380
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 55.968 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

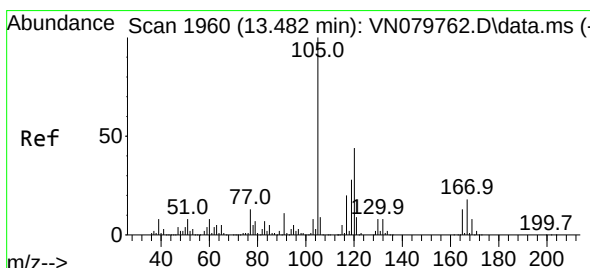
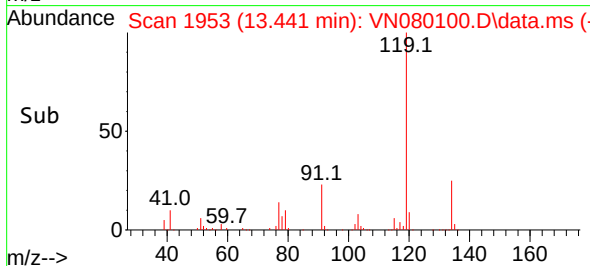
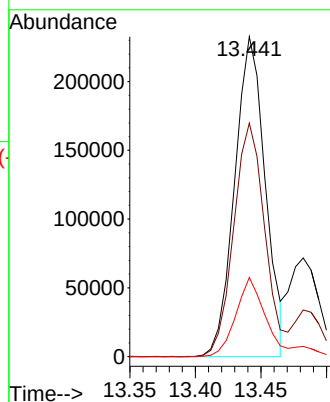
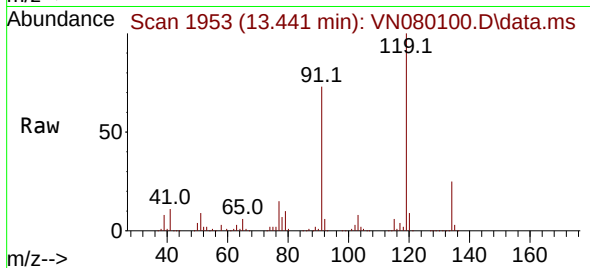
Tgt Ion:119 Resp: 37840
 Ion Ratio Lower Upper
 119 100
 91 74.8 33.9 101.7
 134 25.9 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 56.967 ug/l

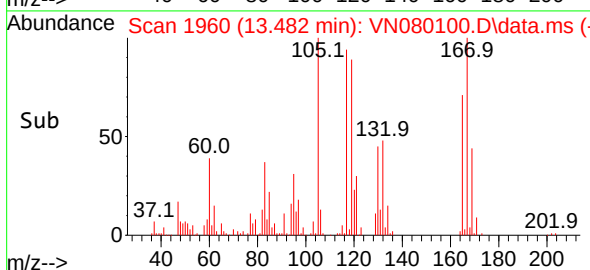
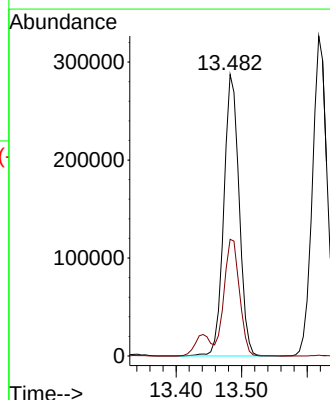
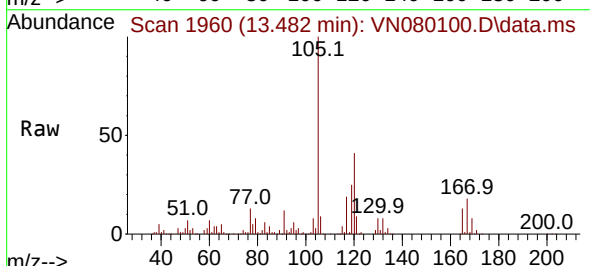
RT: 13.482 min Scan# 1960

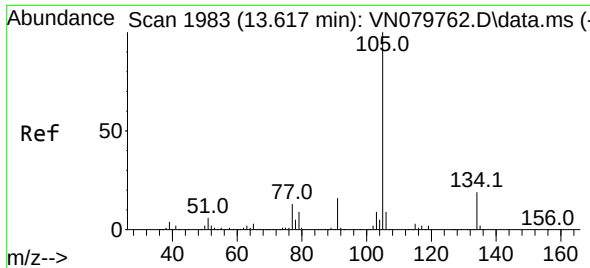
Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Tgt Ion:105 Resp: 462949
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.0 66.0





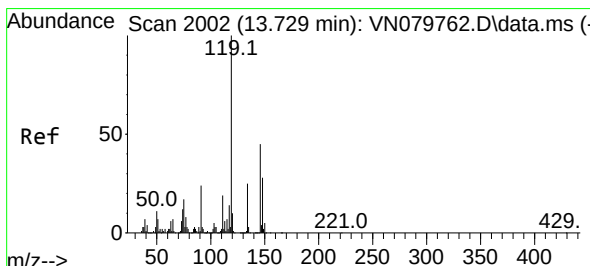
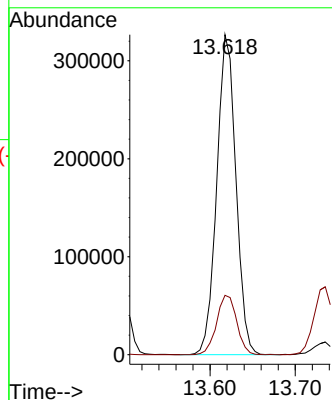
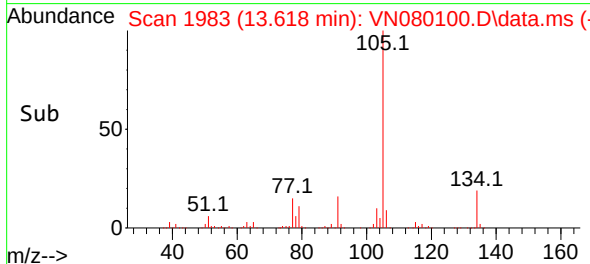
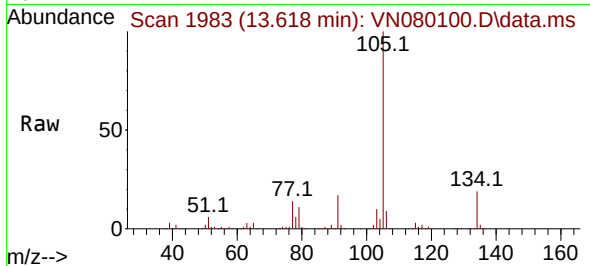
#85
 sec-Butylbenzene
 Concen: 54.464 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 510178
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

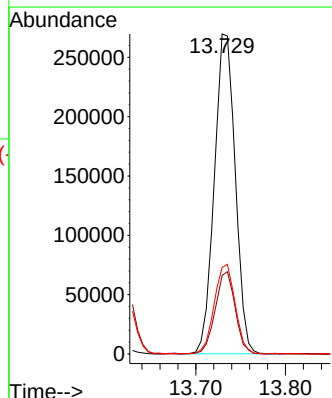
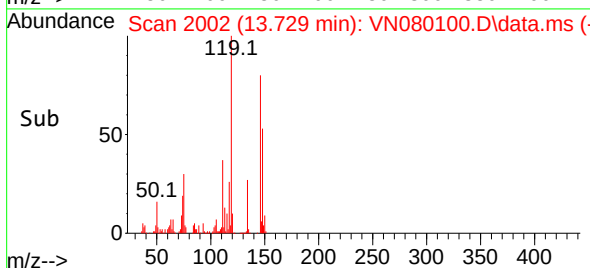
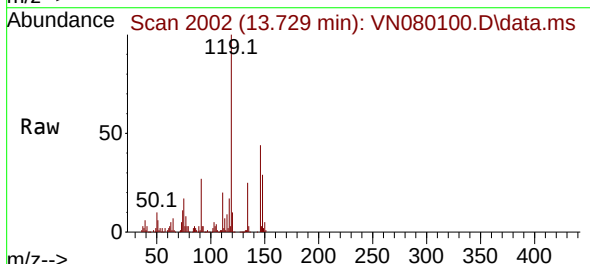
Manual Integrations
 APPROVED

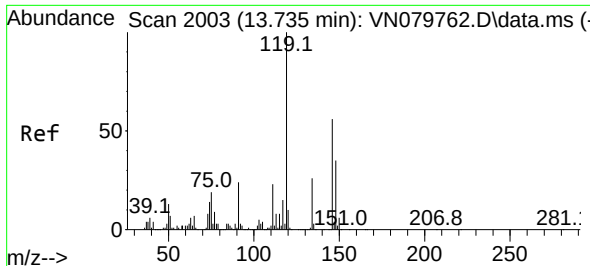
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 57.173 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

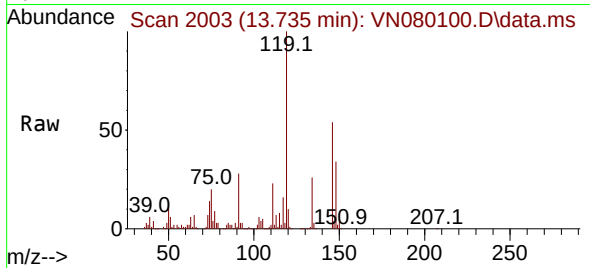
Tgt Ion:119 Resp: 436645
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 28.1 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 48.869 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36

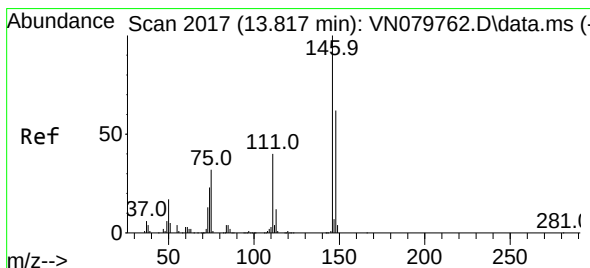
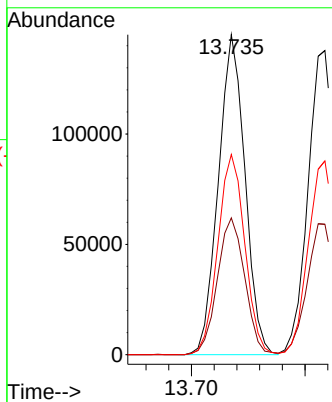
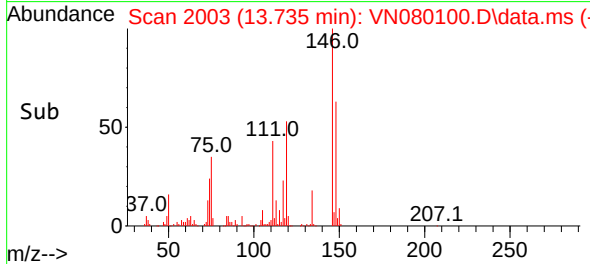
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



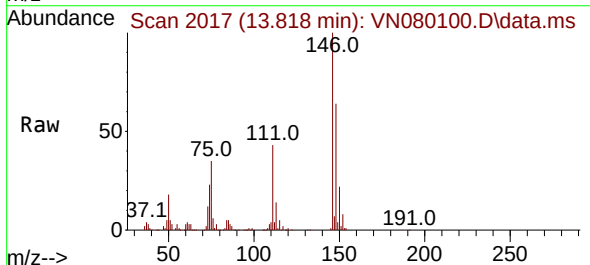
Tgt Ion:146 Resp: 236292
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations
 APPROVED

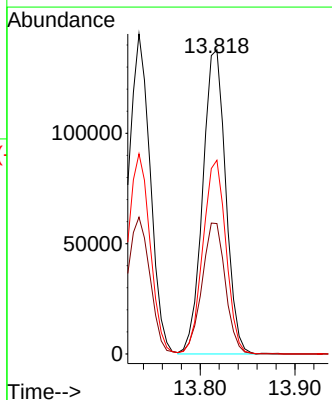
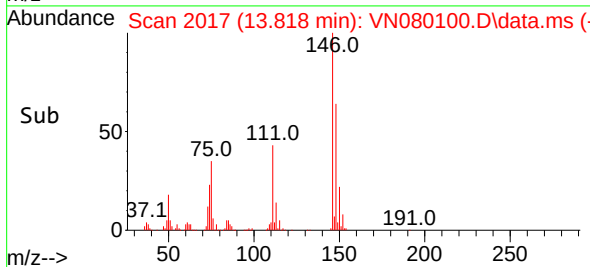
Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

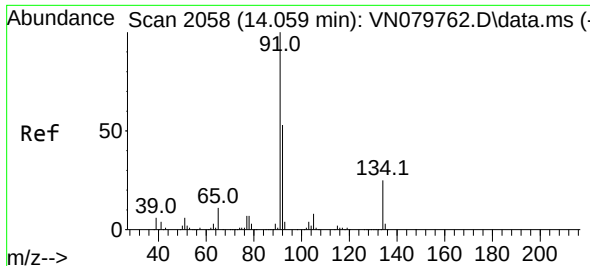


#88
 1,4-Dichlorobenzene
 Concen: 47.401 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN080100.D
 Acq: 14 Nov 2023 19:36



Tgt Ion:146 Resp: 232637
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.6 61.8
 148 63.9 31.6 94.8





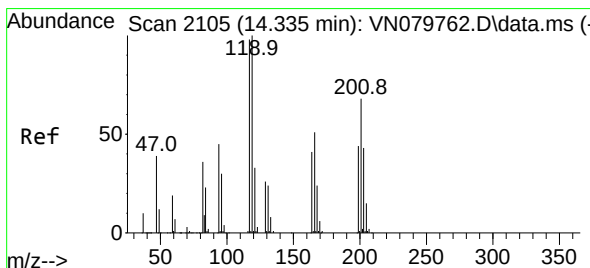
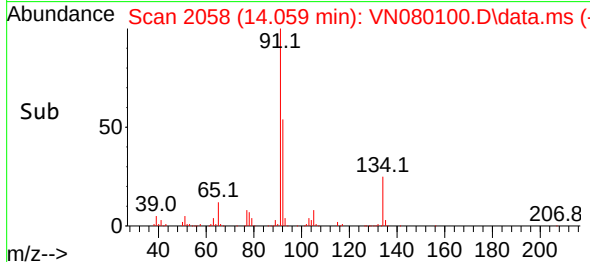
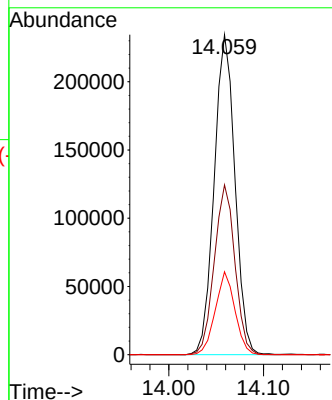
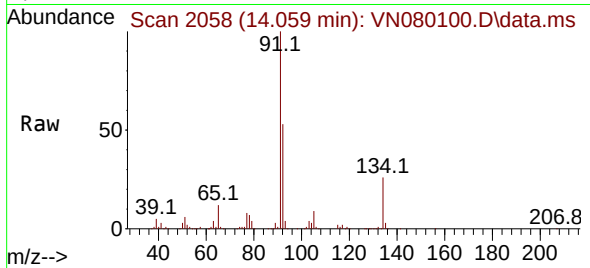
#89
n-Butylbenzene
Concen: 54.223 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 35667
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 24.5 12.6 37.6

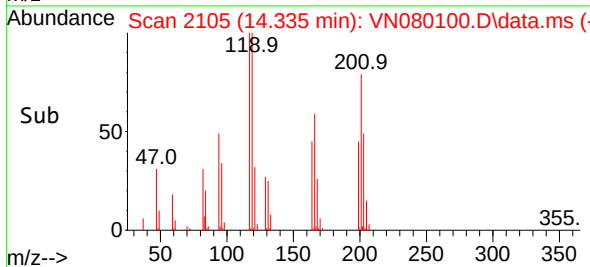
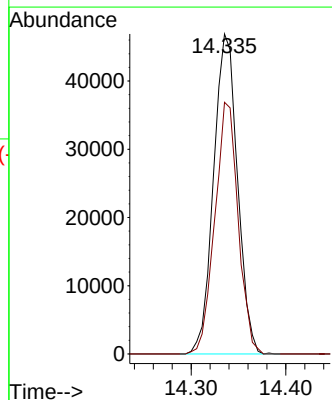
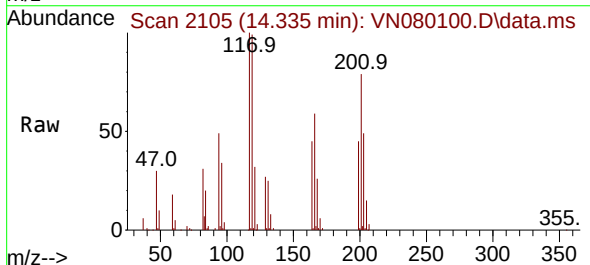
Manual Integrations
APPROVED

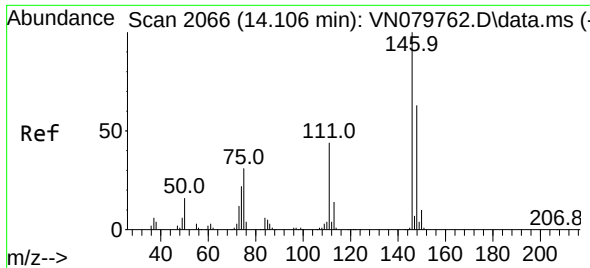
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023



#90
Hexachloroethane
Concen: 54.354 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

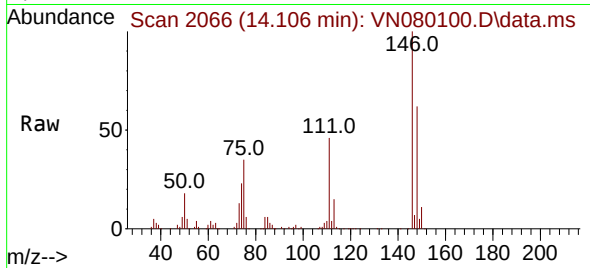
Tgt Ion:117 Resp: 82211
Ion Ratio Lower Upper
117 100
201 76.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.392 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

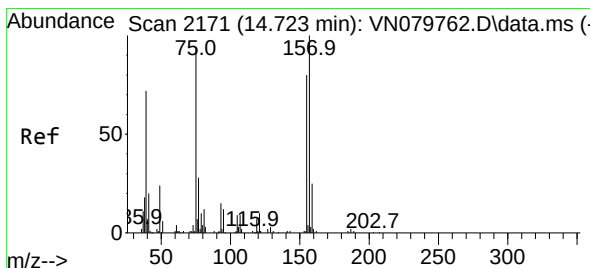
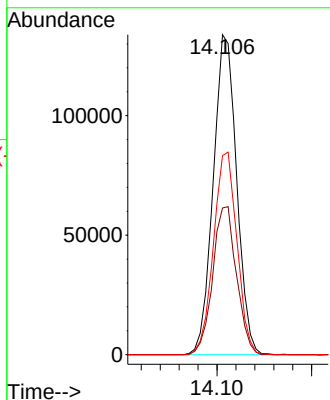
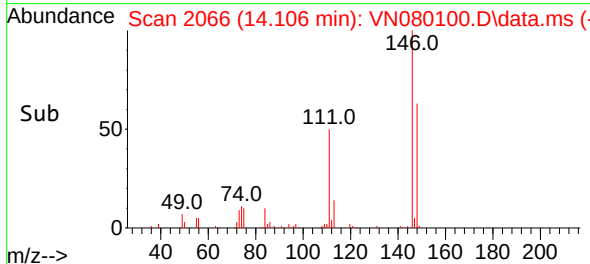
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



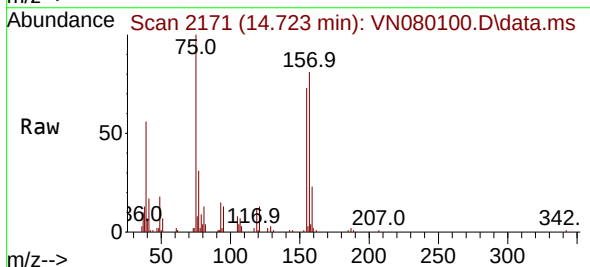
Tgt Ion:146 Resp: 230014
Ion Ratio Lower Upper
146 100
111 47.0 22.0 66.0
148 63.4 31.8 95.3

Manual Integrations
APPROVED

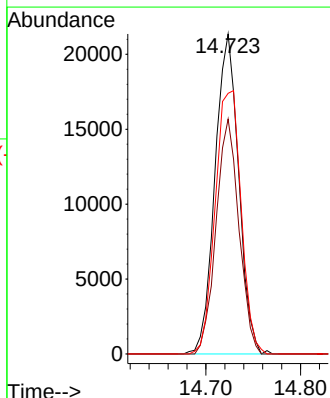
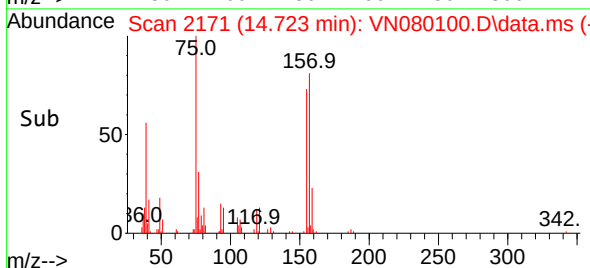
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

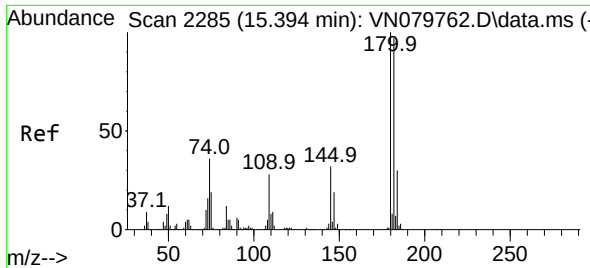


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.062 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



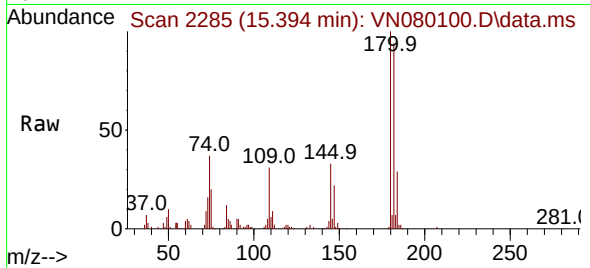
Tgt Ion: 75 Resp: 37063
Ion Ratio Lower Upper
75 100
155 71.0 39.1 117.2
157 90.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 57.233 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36

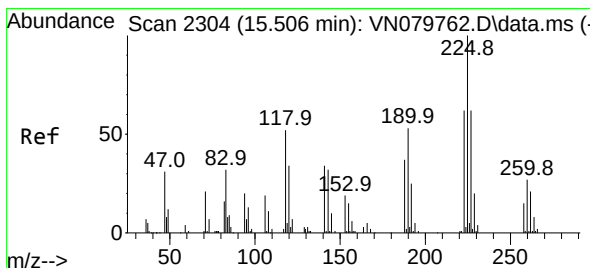
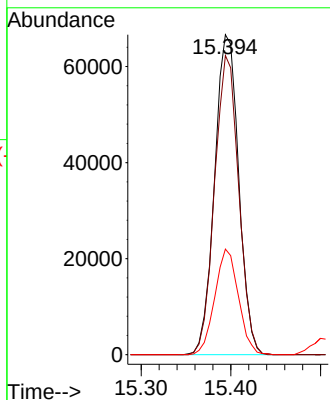
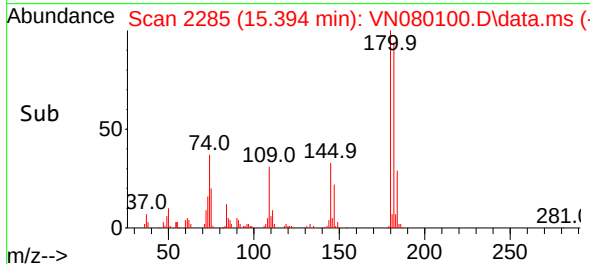
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



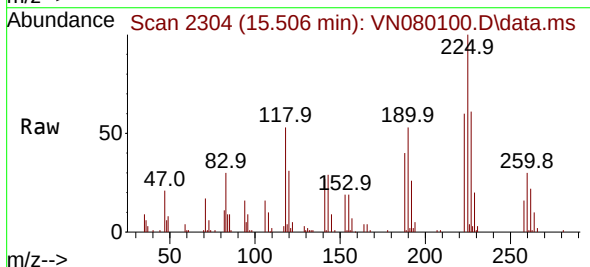
Tgt Ion:180 Resp: 124210
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 32.4 16.6 49.8

Manual Integrations
APPROVED

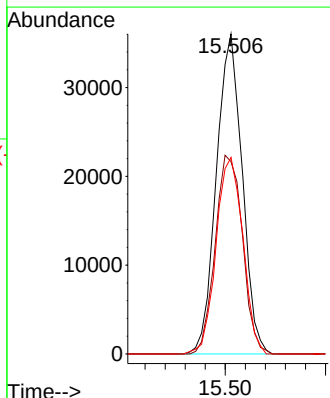
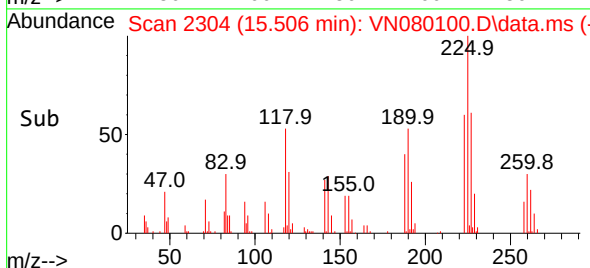
Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

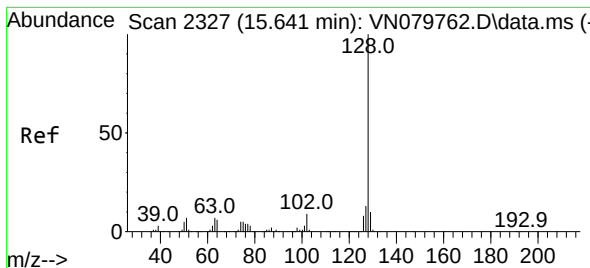


#94
Hexachlorobutadiene
Concen: 65.414 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080100.D
Acq: 14 Nov 2023 19:36



Tgt Ion:225 Resp: 64359
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.8
227 63.6 31.9 95.9





#95

Naphthalene

Concen: 49.896 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

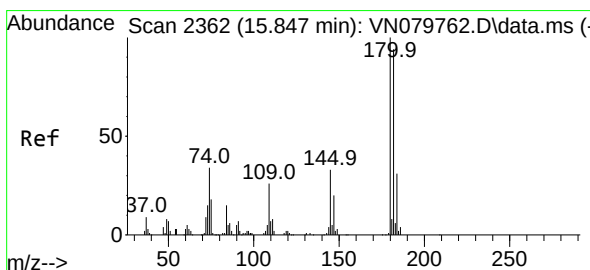
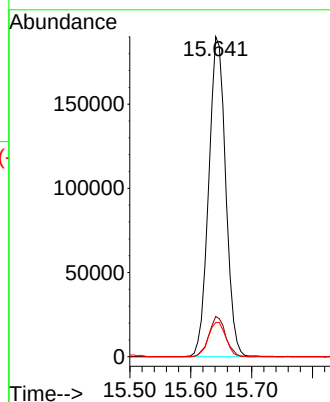
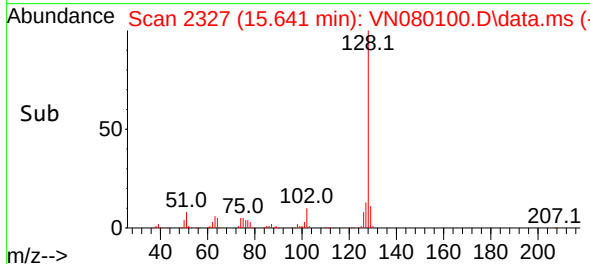
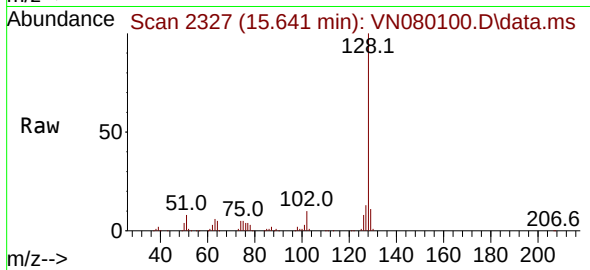
Tgt Ion:	128	Resp:	36724
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.0	15.0
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2023

Supervised By :Mahesh Dadoda 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 55.126 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080100.D

Acq: 14 Nov 2023 19:36

Tgt Ion:	180	Resp:	117278
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.2	138.6
145	36.7	17.5	52.6

