

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078676.D
 Acq On : 28 Jul 2023 10:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 00:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	481220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	780701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	704826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	305852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304565	47.210	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.420%		
35) Dibromofluoromethane	8.171	113	281701	53.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.300%		
50) Toluene-d8	10.571	98	999642	49.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.853	95	331804	53.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	342910	58.120	ug/l	98
3) Chloromethane	2.371	50	378270	58.987	ug/l	97
4) Vinyl Chloride	2.518	62	545065	65.706	ug/l	98
5) Bromomethane	2.942	94	297848	57.512	ug/l	97
6) Chloroethane	3.118	64	350663	70.673	ug/l	95
7) Trichlorofluoromethane	3.500	101	495006	49.918	ug/l	98
8) Diethyl Ether	3.971	74	162779	49.269	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	273921	52.182	ug/l	95
10) Methyl Iodide	4.600	142	386823	53.625	ug/l	97
11) Tert butyl alcohol	5.536	59	249741	251.045	ug/l	99
12) 1,1-Dichloroethene	4.347	96	258197	50.849	ug/l	93
13) Acrolein	4.189	56	248960	254.364	ug/l	97
14) Allyl chloride	5.036	41	359037	51.746	ug/l	95
15) Acrylonitrile	5.730	53	632044	251.460	ug/l	98
16) Acetone	4.442	43	545300	271.351	ug/l	94
17) Carbon Disulfide	4.718	76	691039	47.064	ug/l	98
18) Methyl Acetate	5.036	43	419167	49.274	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	849929	50.802	ug/l	96
20) Methylene Chloride	5.289	84	310248	53.919	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	293363	51.269	ug/l	88
22) Diisopropyl ether	6.683	45	818794	52.702	ug/l #	94
23) Vinyl Acetate	6.612	43	2623335	265.603	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	524607	50.112	ug/l	97
25) 2-Butanone	7.494	43	818620	258.784	ug/l	91
26) 2,2-Dichloropropane	7.500	77	448395	52.368	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	341060	51.524	ug/l	94
28) Bromochloromethane	7.824	49	242887	49.259	ug/l	95
29) Tetrahydrofuran	7.847	42	521828	251.401	ug/l	86
30) Chloroform	7.977	83	573699	52.637	ug/l	93
31) Cyclohexane	8.265	56	411420	47.189	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	513273	52.526	ug/l	99
36) 1,1-Dichloropropene	8.377	75	411539	53.780	ug/l	99
37) Ethyl Acetate	7.571	43	346176	54.268	ug/l #	93
38) Carbon Tetrachloride	8.371	117	466525	56.095	ug/l	96
39) Methylcyclohexane	9.612	83	393999	56.407	ug/l	95
40) Benzene	8.612	78	1251064	55.185	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	173295	53.290	ug/l	95
42) 1,2-Dichloroethane	8.677	62	419900	54.455	ug/l	99
43) Isopropyl Acetate	8.694	43	608468	57.937	ug/l #	93
44) Trichloroethene	9.359	130	330675	54.120	ug/l	95
45) 1,2-Dichloropropane	9.629	63	320375	55.797	ug/l	96
46) Dibromomethane	9.718	93	227629	56.326	ug/l	91
47) Bromodichloromethane	9.894	83	449304	55.463	ug/l	98
48) Methyl methacrylate	9.688	41	271052	55.708	ug/l	89
49) 1,4-Dioxane	9.706	88	118988	1121.374	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1767868	283.002	ug/l	94
52) Toluene	10.635	92	788307	56.105	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	472244	56.903	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	513416	58.037	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	318186	57.477	ug/l	98
56) Ethyl methacrylate	10.882	69	450350	58.196	ug/l	93
57) 1,3-Dichloropropane	11.171	76	517518	54.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	737641	267.476	ug/l	94
59) 2-Hexanone	11.200	43	1267536	285.500	ug/l	94
60) Dibromochloromethane	11.365	129	356725	58.370	ug/l	100
61) 1,2-Dibromoethane	11.476	107	322850	56.614	ug/l	99
64) Tetrachloroethene	11.112	164	282455	53.303	ug/l	93
65) Chlorobenzene	11.894	112	853699	54.188	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	332821	54.914	ug/l	99
67) Ethyl Benzene	11.970	91	1505399	56.529	ug/l	99
68) m/p-Xylenes	12.076	106	1145235	116.314	ug/l	96
69) o-Xylene	12.406	106	559915	56.301	ug/l	98
70) Styrene	12.418	104	912535	58.651	ug/l	98
71) Bromoform	12.582	173	239640	58.382	ug/l #	100
73) Isopropylbenzene	12.700	105	1418656	49.363	ug/l	99
74) N-amyl acetate	12.500	43	473362	47.795	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	437708	54.829	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	356419m	48.212	ug/l	
77) Bromobenzene	12.982	156	343758	55.163	ug/l	93
78) n-propylbenzene	13.041	91	1585355	51.582	ug/l	99
79) 2-Chlorotoluene	13.129	91	993789	49.364	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1155393	50.882	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	137388	48.835	ug/l	93
82) 4-Chlorotoluene	13.229	91	940715	50.091	ug/l	97
83) tert-Butylbenzene	13.441	119	963358	49.970	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1126793	51.087	ug/l	97
85) sec-Butylbenzene	13.623	105	1222844	50.182	ug/l	99
86) p-Isopropyltoluene	13.735	119	1007679	51.499	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	574673	52.088	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	557135	50.135	ug/l	99
89) n-Butylbenzene	14.064	91	743815	53.129	ug/l	98
90) Hexachloroethane	14.335	117	198584	55.304	ug/l	77
91) 1,2-Dichlorobenzene	14.111	146	553163	50.381	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68645	49.889	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	172800	49.313	ug/l	97
94) Hexachlorobutadiene	15.506	225	105056	58.671	ug/l	98
95) Naphthalene	15.647	128	500805	41.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	187336	46.494	ug/l	97

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VSTDCCC050

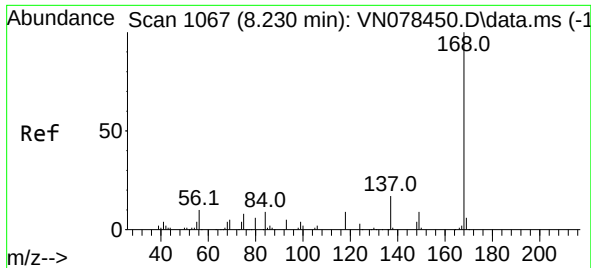
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

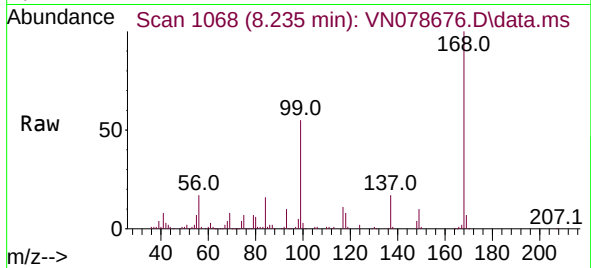
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
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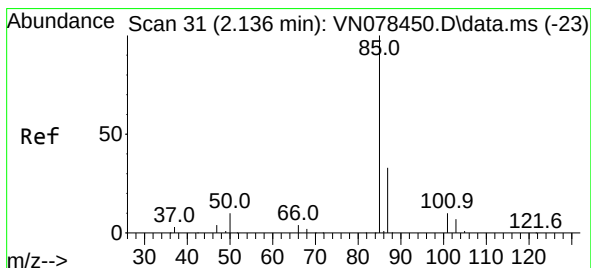
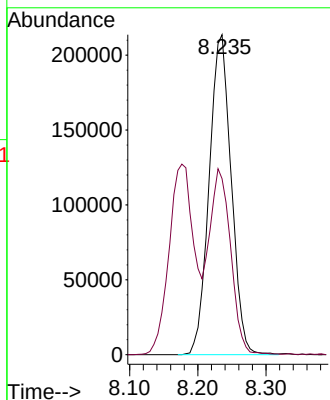
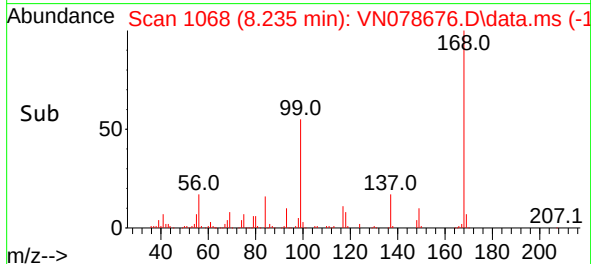
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



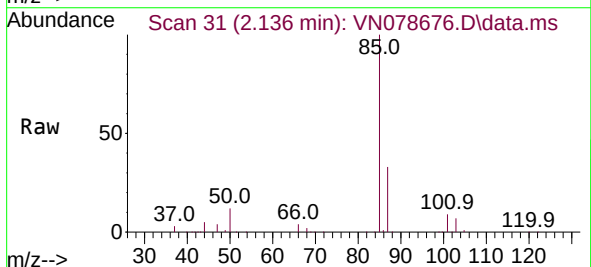
Tgt Ion:168 Resp: 481220
Ion Ratio Lower Upper
168 100
99 54.8 53.0 79.6

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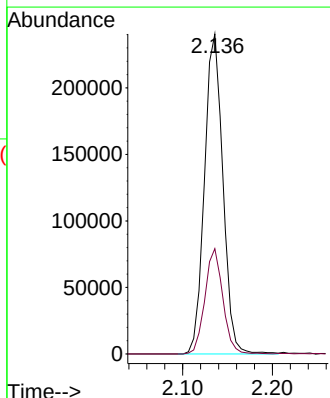
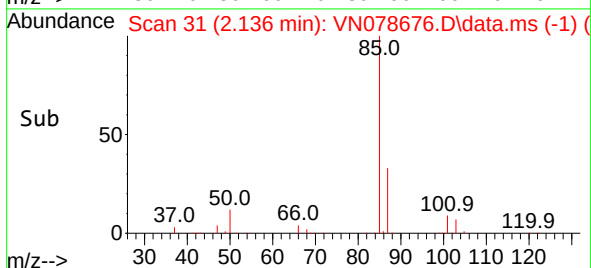
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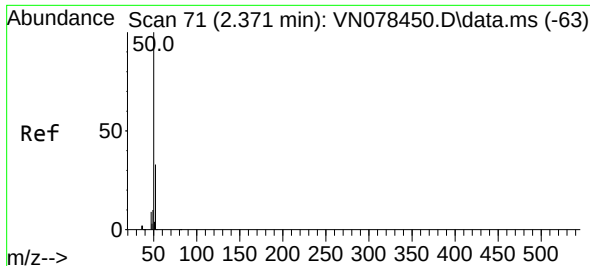


#2
Dichlorodifluoromethane
Concen: 58.120 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



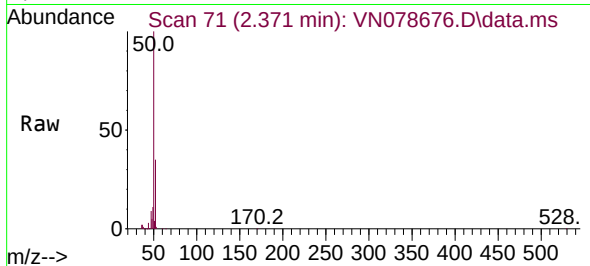
Tgt Ion: 85 Resp: 342910
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 58.987 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

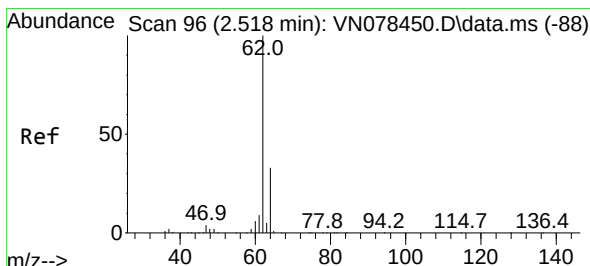
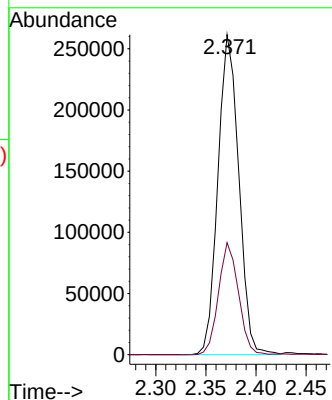
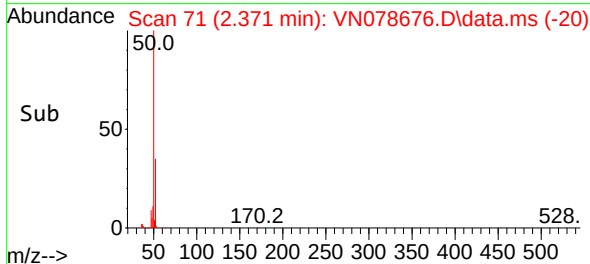
Instrument :
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Tgt Ion: 50 Resp: 378270
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

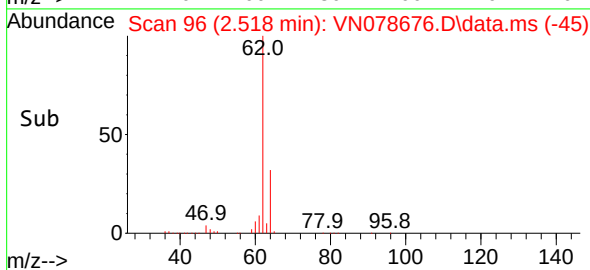
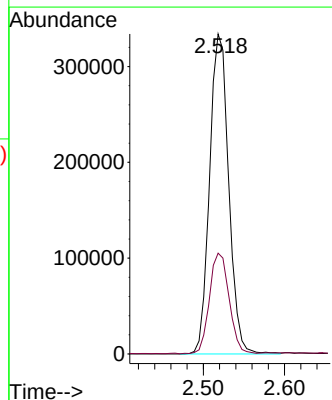
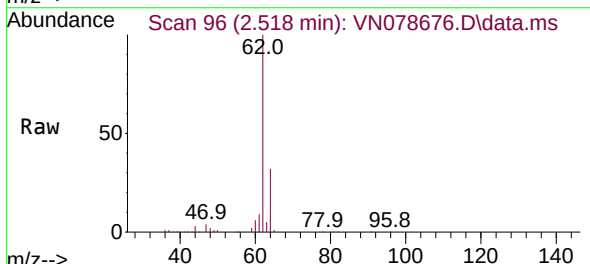
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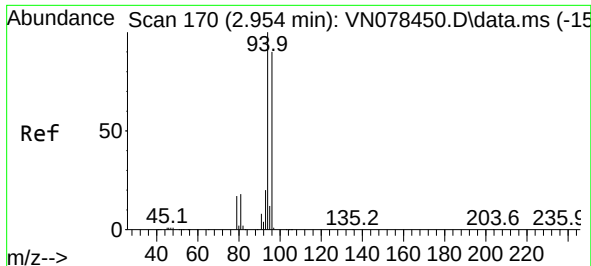
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 65.706 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

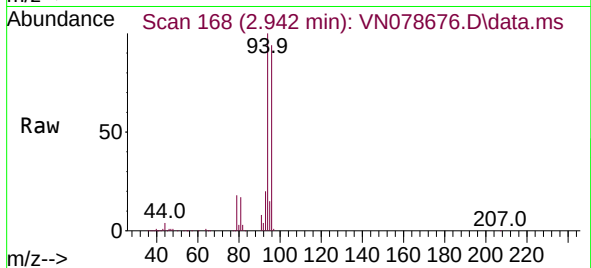
Tgt Ion: 62 Resp: 545065
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 57.512 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

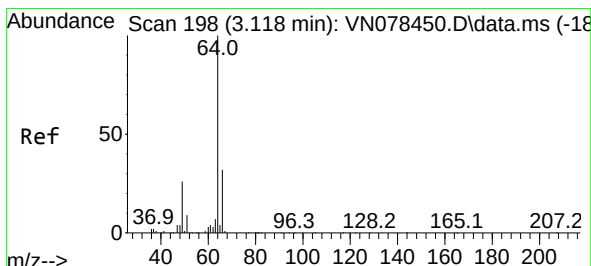
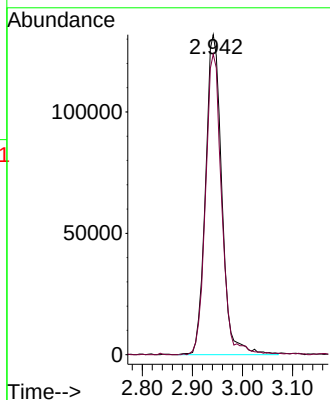
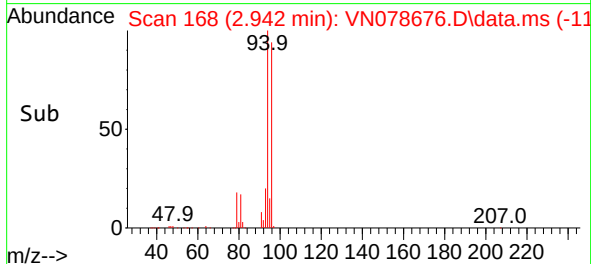
Instrument :
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Tgt Ion: 94 Resp: 29784
Ion Ratio Lower Upper
94 100
96 93.9 73.1 109.7

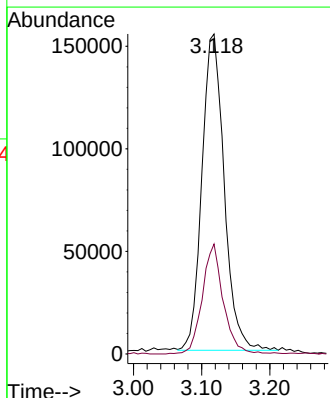
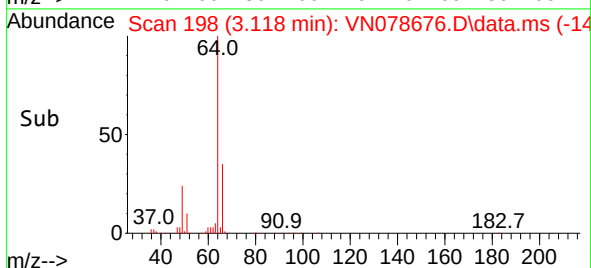
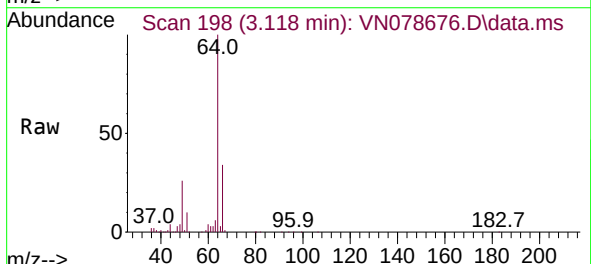
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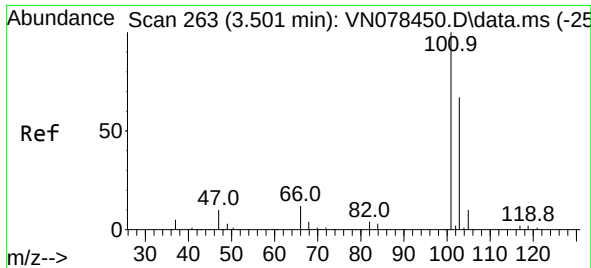
Reviewed By :John Carlone 07/31/2023
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#6
Chloroethane
Concen: 70.673 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078676.D
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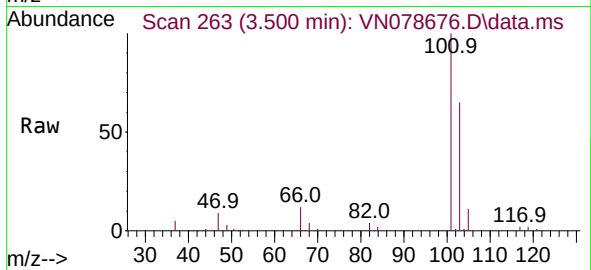
Tgt Ion: 64 Resp: 350663
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.918 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

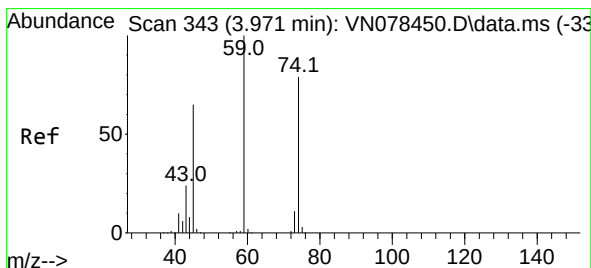
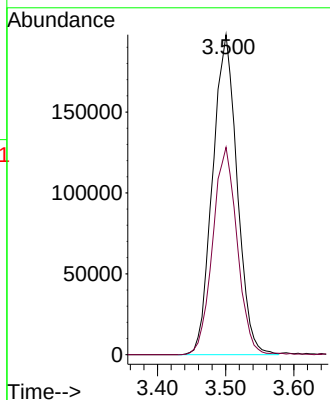
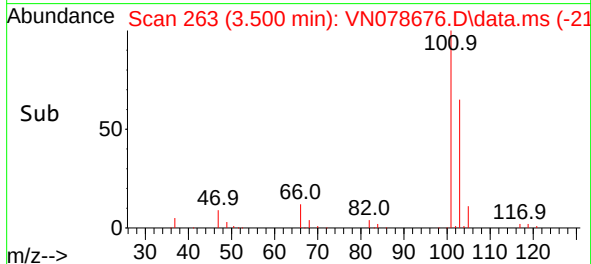
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 495000
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

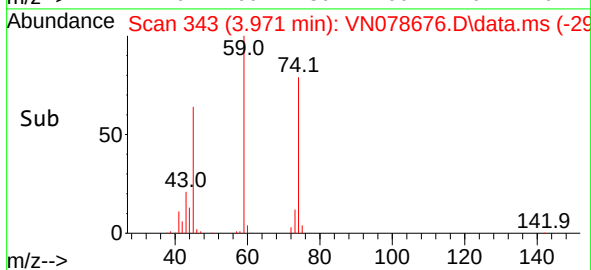
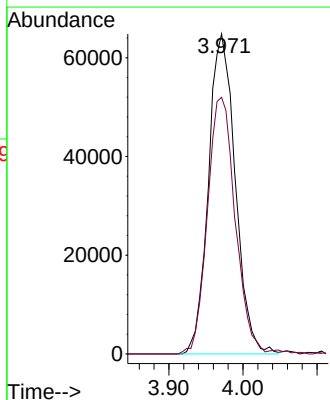
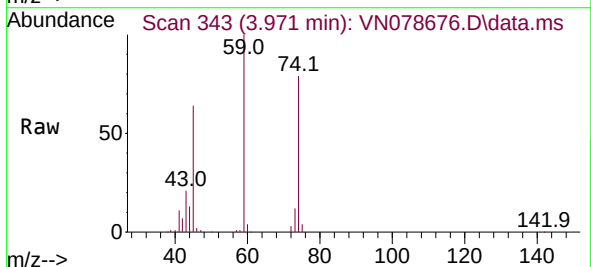
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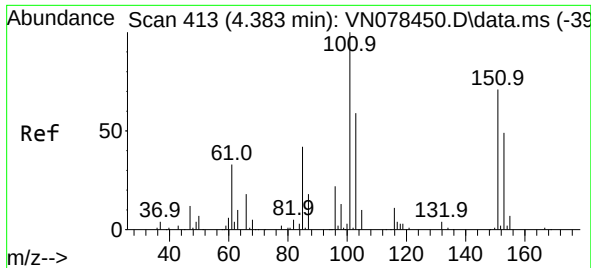
Reviewed By :John Carlone 07/31/2023
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#8
Diethyl Ether
Concen: 49.269 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 162779
Ion Ratio Lower Upper
74 100
45 82.9 34.4 103.3





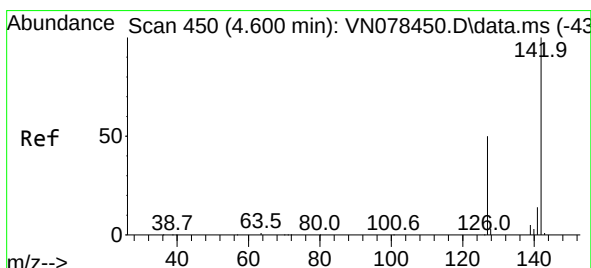
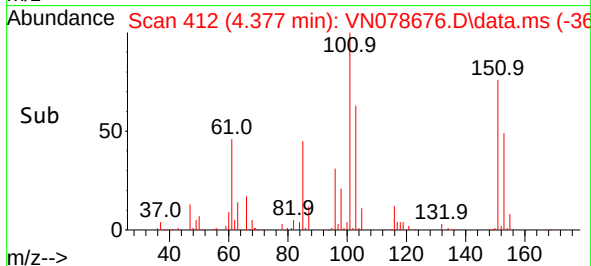
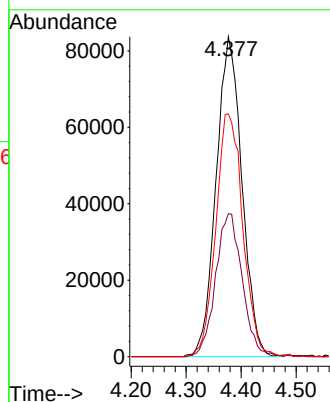
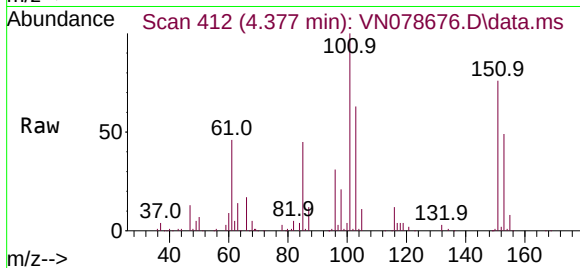
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.182 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 27392
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.9 57.6 86.4

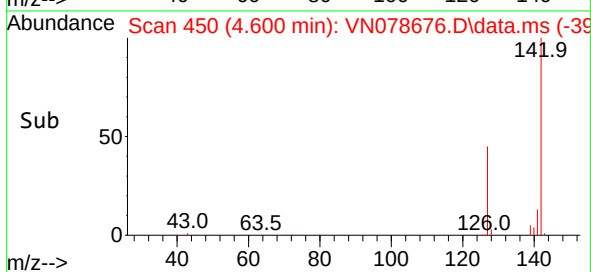
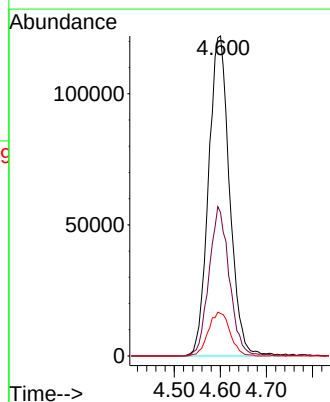
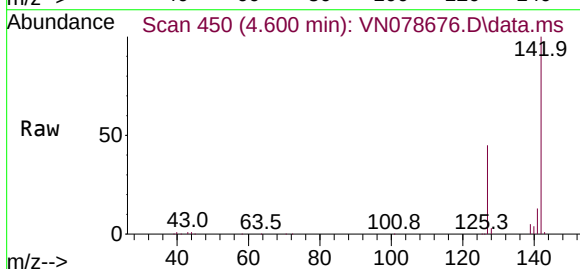
Manual Integrations
APPROVED

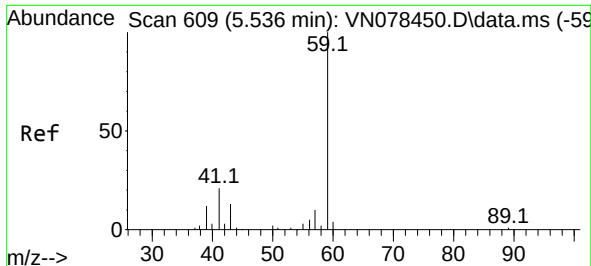
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 53.625 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

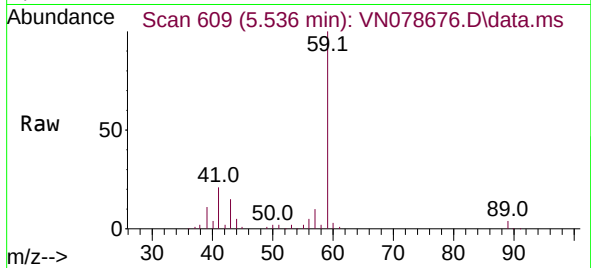
Tgt Ion:142 Resp: 386823
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 251.045 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

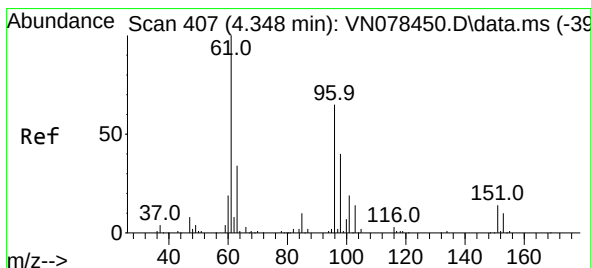
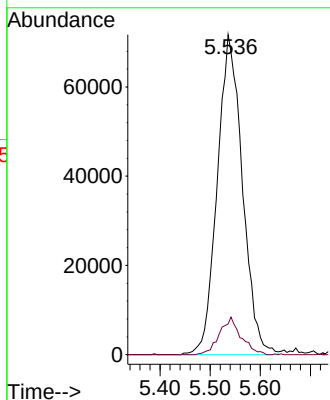
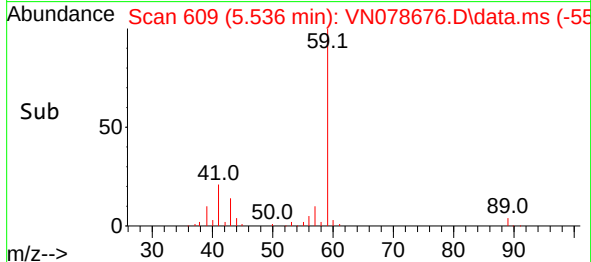
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



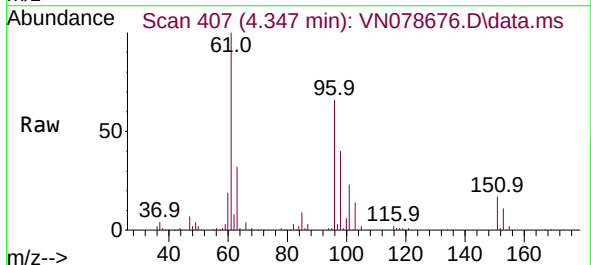
Tgt Ion: 59 Resp: 24974
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

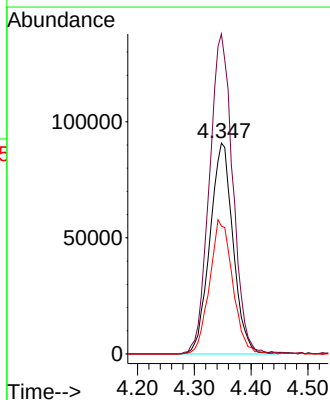
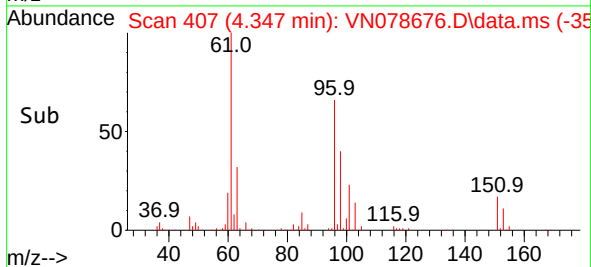
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

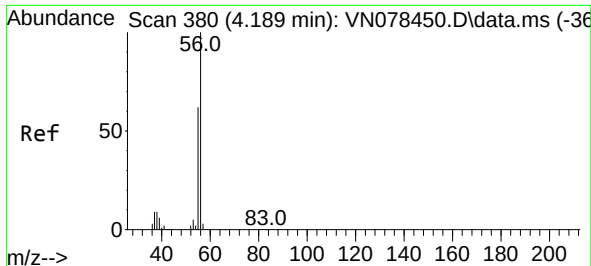


#12
1,1-Dichloroethene
Concen: 50.849 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



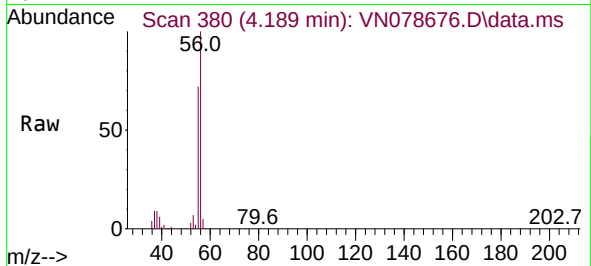
Tgt Ion: 96 Resp: 258197
Ion Ratio Lower Upper
96 100
61 151.7 112.7 169.1
98 60.6 51.2 76.8





#13
Acrolein
Concen: 254.364 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

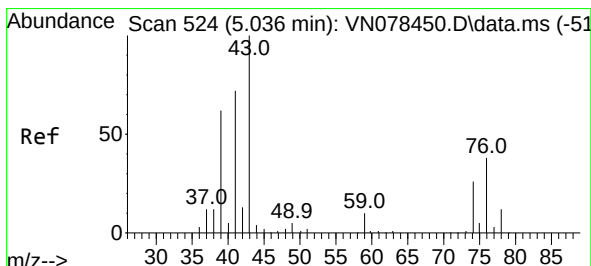
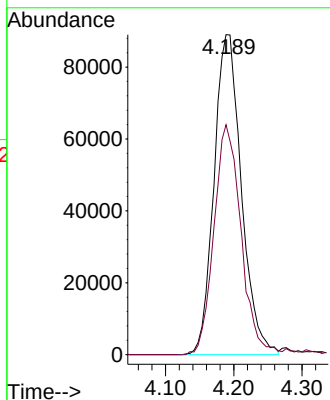
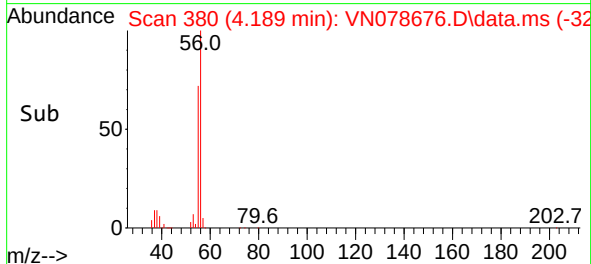
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



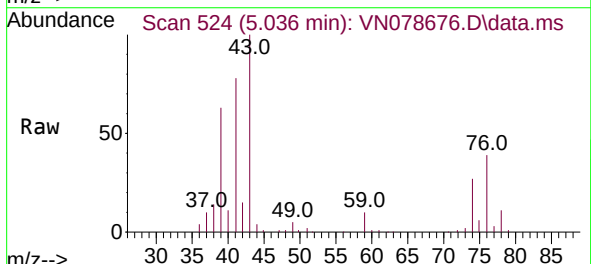
Tgt Ion: 56 Resp: 248960
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

Manual Integrations
APPROVED

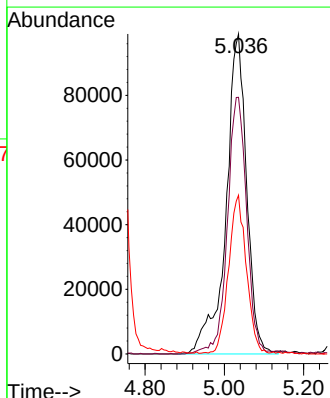
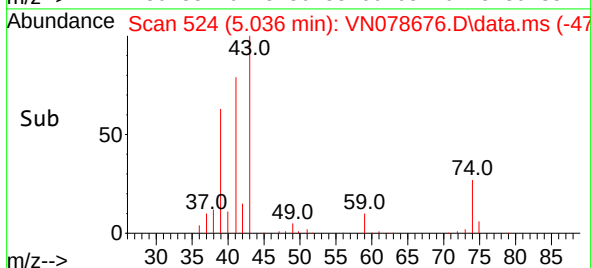
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

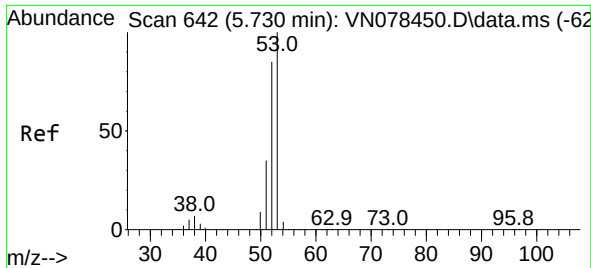


#14
Allyl chloride
Concen: 51.746 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



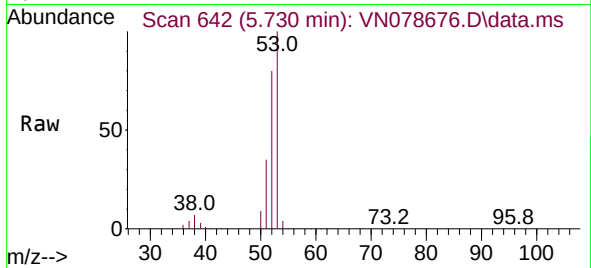
Tgt Ion: 41 Resp: 359037
Ion Ratio Lower Upper
41 100
39 74.6 58.8 88.2
76 42.0 39.1 58.7





#15
Acrylonitrile
Concen: 251.460 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

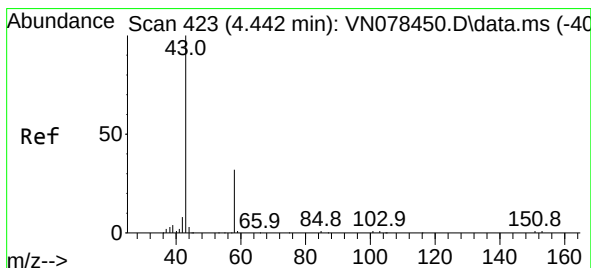
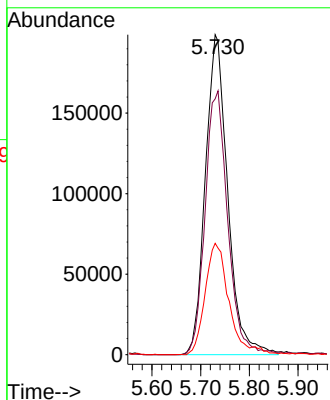
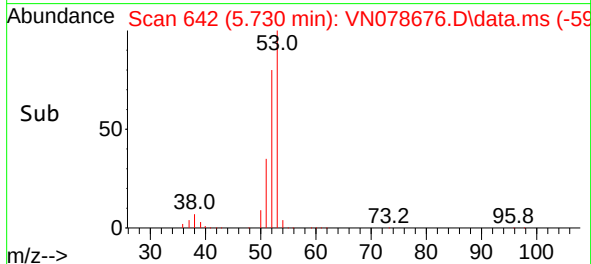
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 632044
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3

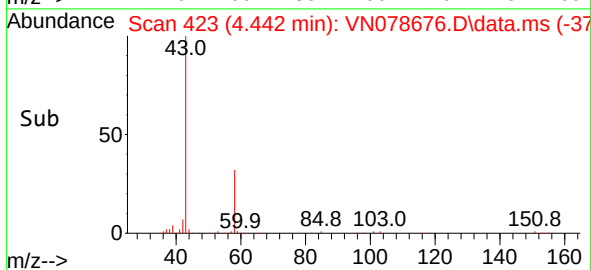
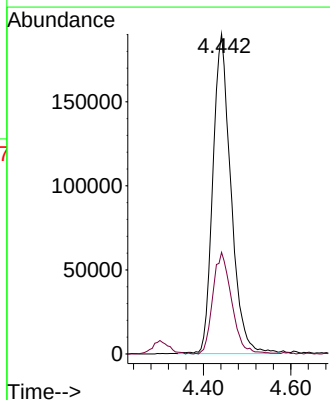
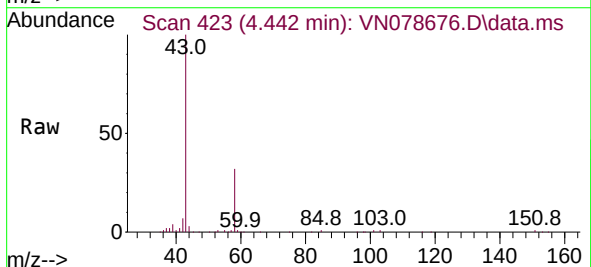
Manual Integrations
APPROVED

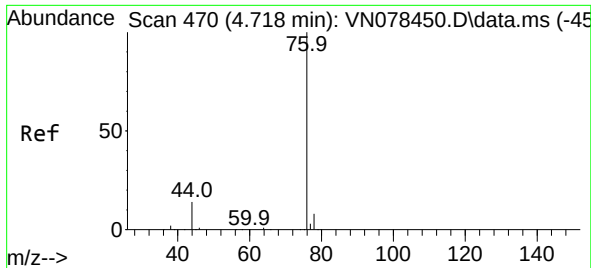
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
Acetone
Concen: 271.351 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

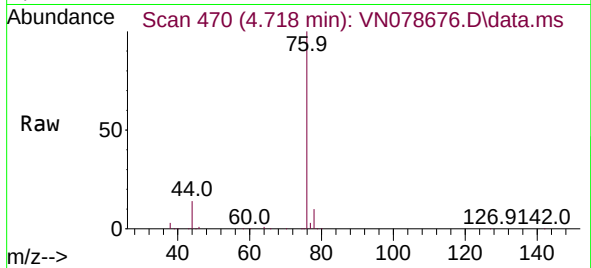
Tgt Ion: 43 Resp: 545300
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





#17
Carbon Disulfide
Concen: 47.064 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

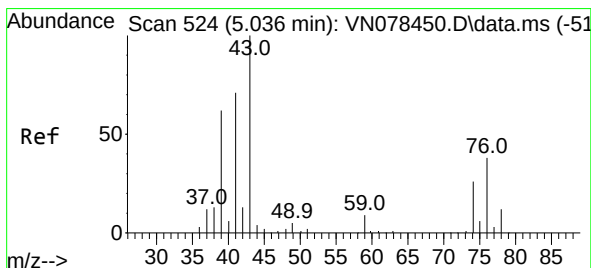
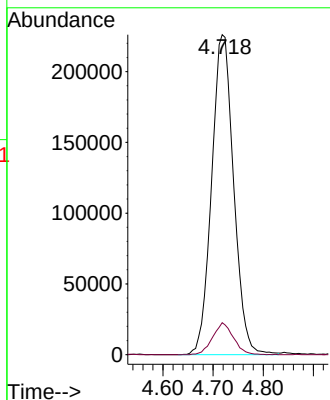
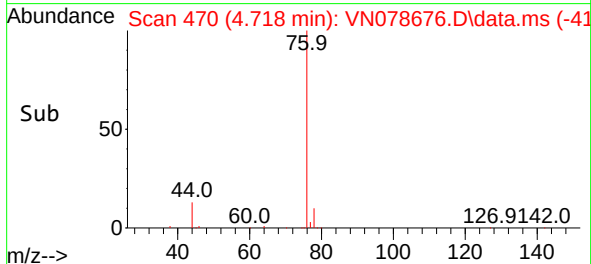
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



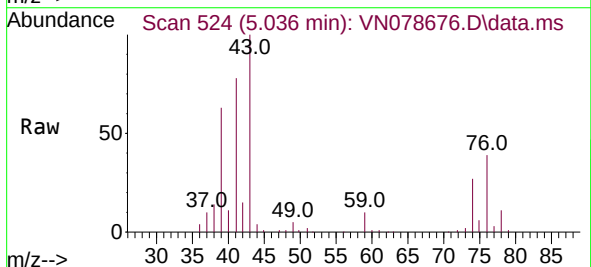
Tgt Ion: 76 Resp: 691039
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

Manual Integrations
APPROVED

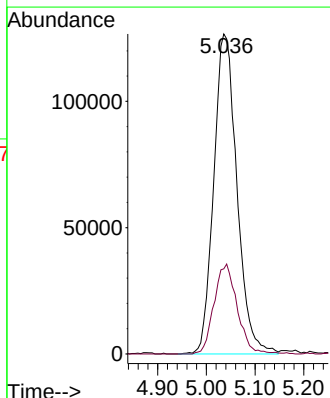
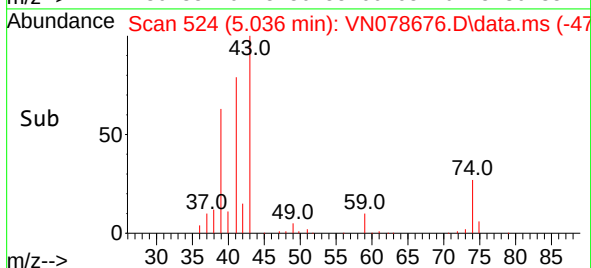
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

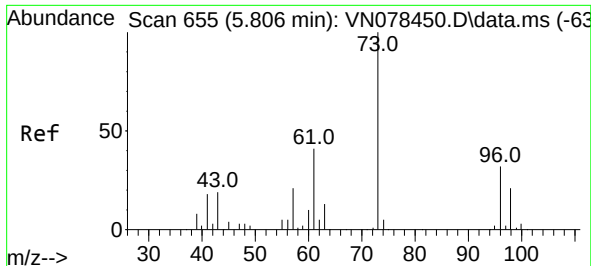


#18
Methyl Acetate
Concen: 49.274 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



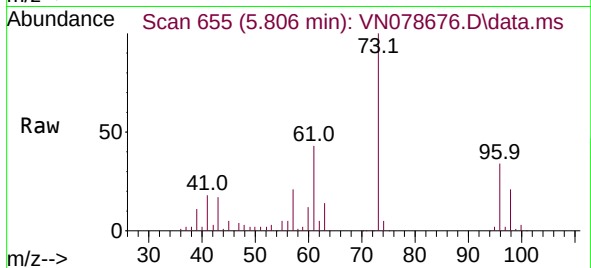
Tgt Ion: 43 Resp: 419167
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.802 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

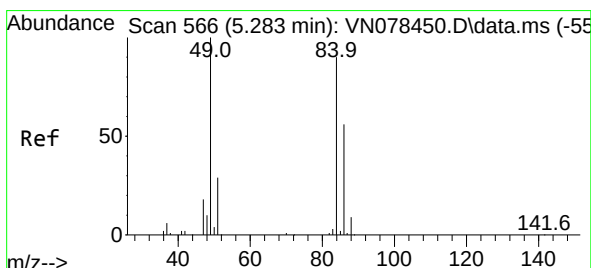
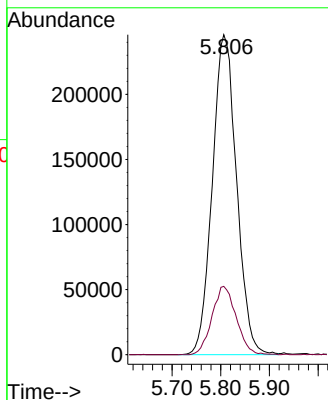
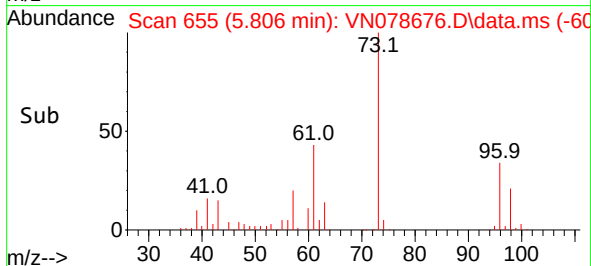
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 849929
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4

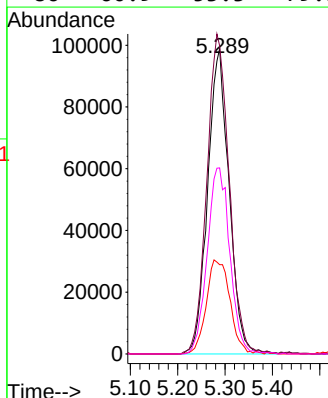
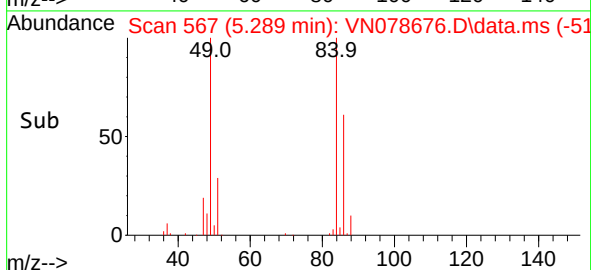
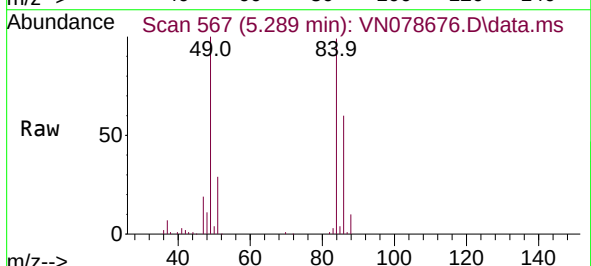
Manual Integrations
APPROVED

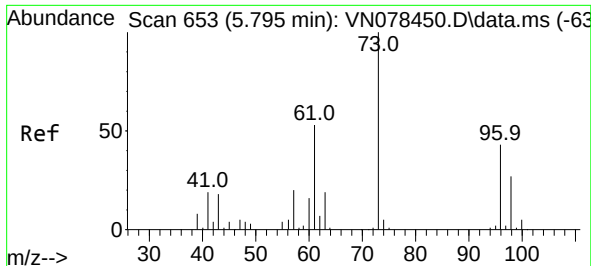
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 53.919 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

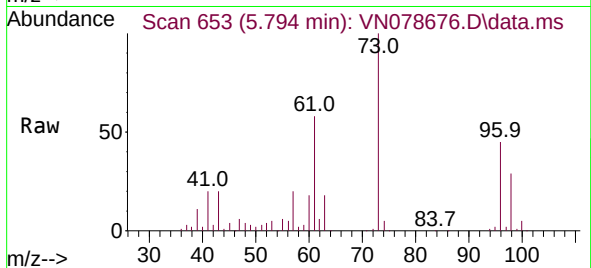
Tgt Ion: 84 Resp: 310248
Ion Ratio Lower Upper
84 100
49 100.9 79.7 119.5
51 29.2 25.2 37.8
86 60.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.269 ug/l
RT: 5.794 min Scan# 613
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

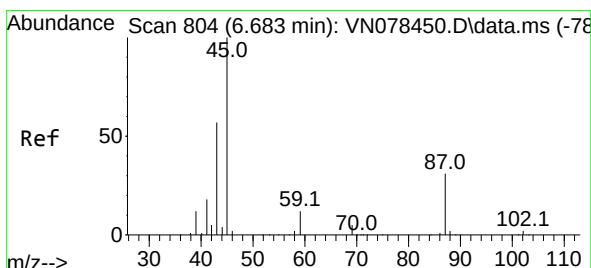
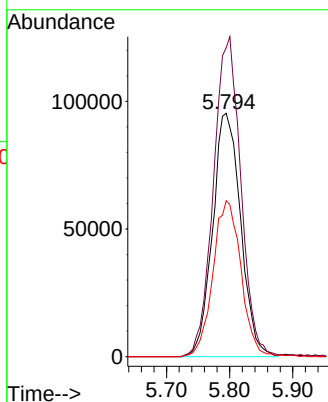
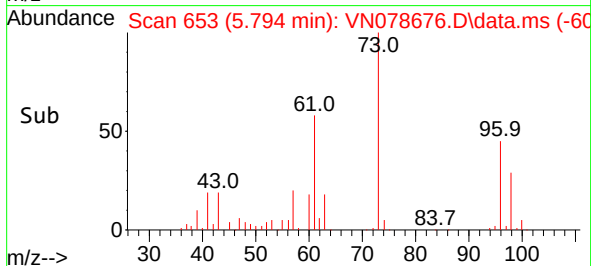
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



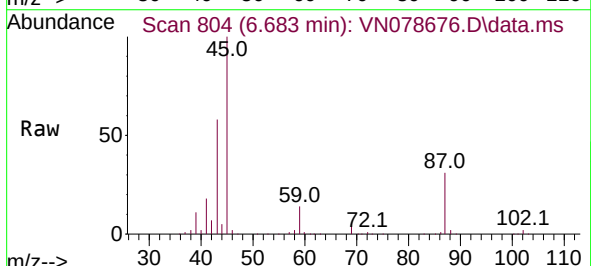
Tgt Ion: 96 Resp: 293361
Ion Ratio Lower Upper
96 100
61 126.9 90.1 135.1
98 64.1 46.4 69.6

Manual Integrations
APPROVED

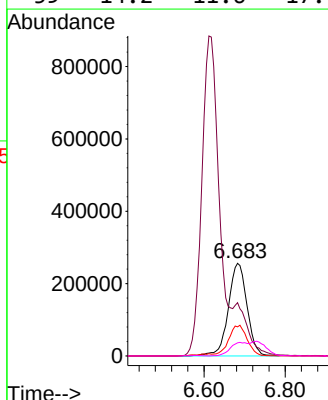
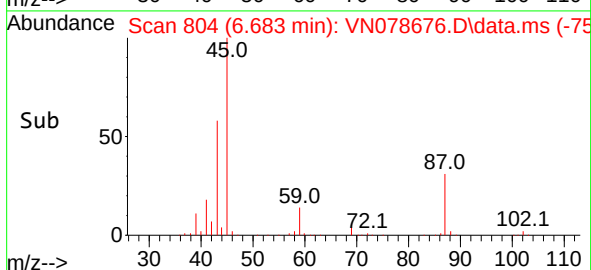
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

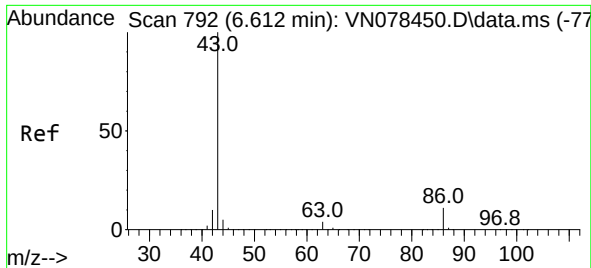


#22
Diisopropyl ether
Concen: 52.702 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



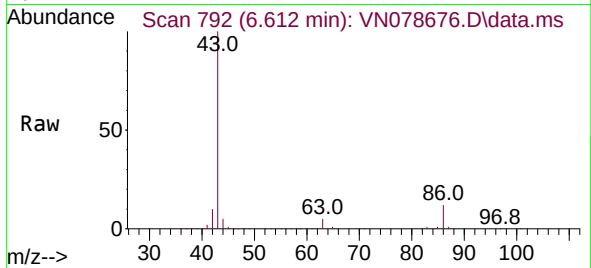
Tgt Ion: 45 Resp: 818794
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 31.3 31.8 47.8#
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 265.603 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23

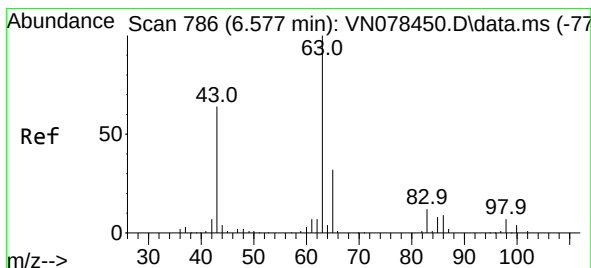
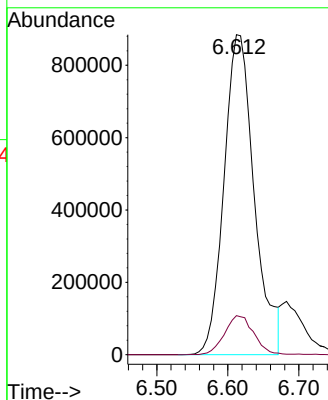
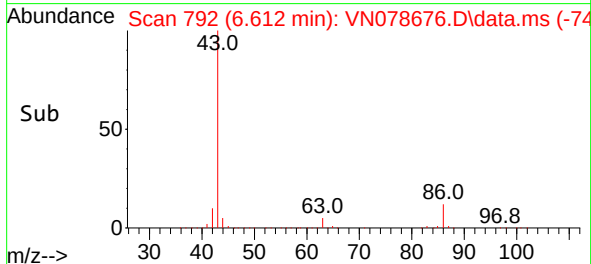
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



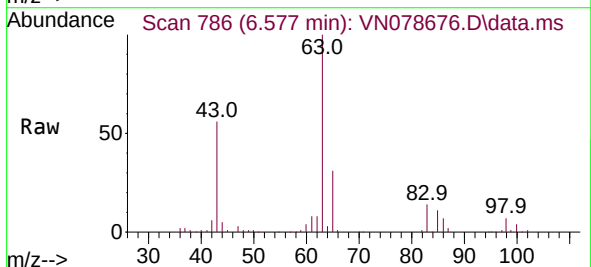
Tgt Ion: 43 Resp: 262333
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
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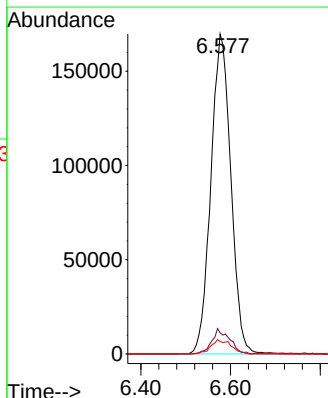
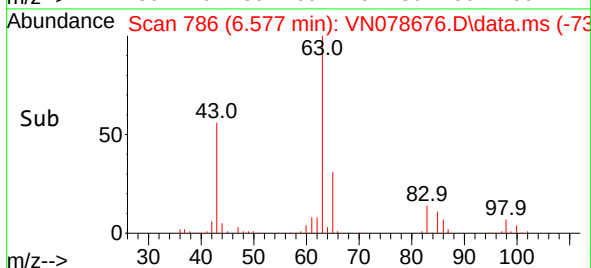
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

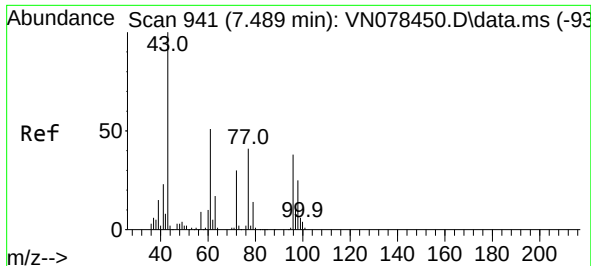


#24
 1,1-Dichloroethane
 Concen: 50.112 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23



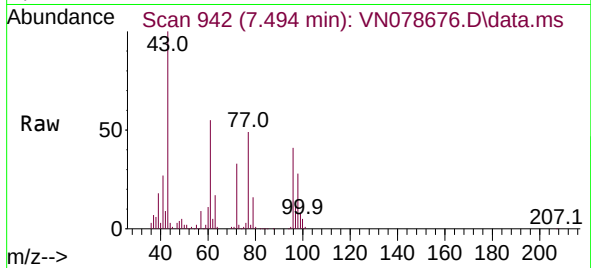
Tgt Ion: 63 Resp: 524607
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 258.784 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

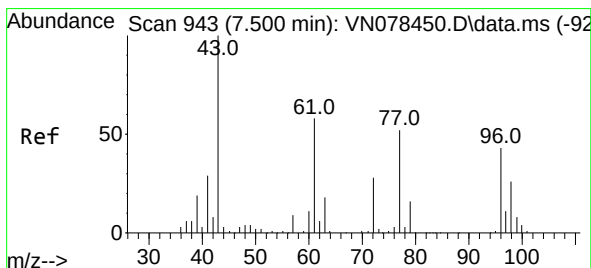
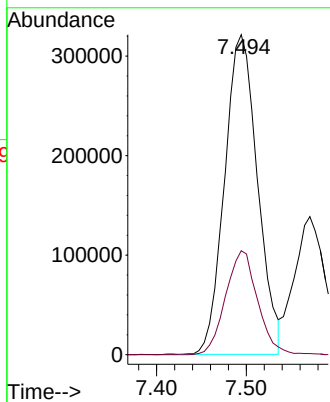
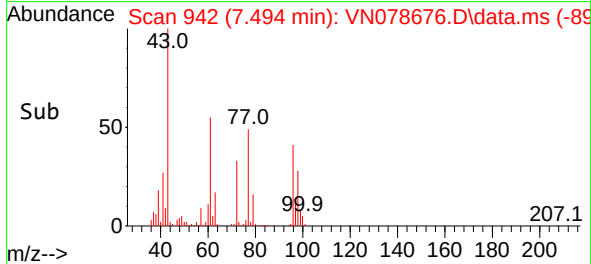
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 818620
Ion Ratio Lower Upper
43 100
72 32.5 30.2 45.2

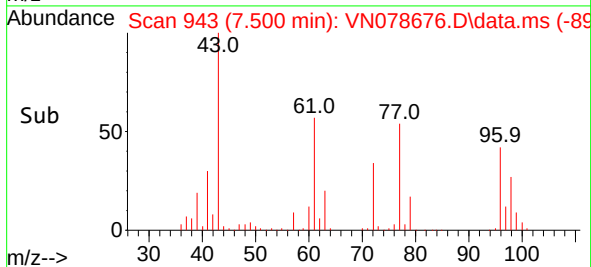
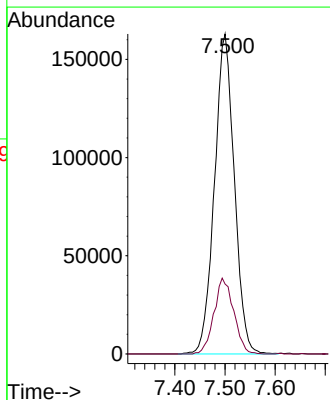
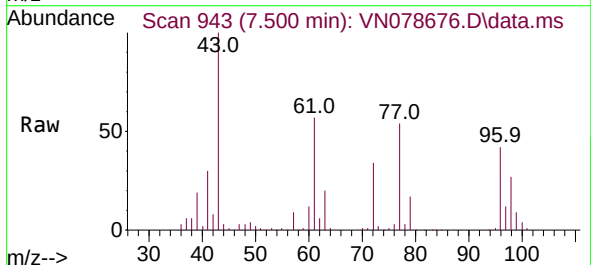
Manual Integrations
APPROVED

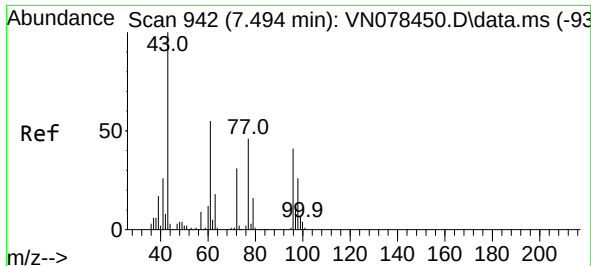
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
2,2-Dichloropropane
Concen: 52.368 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

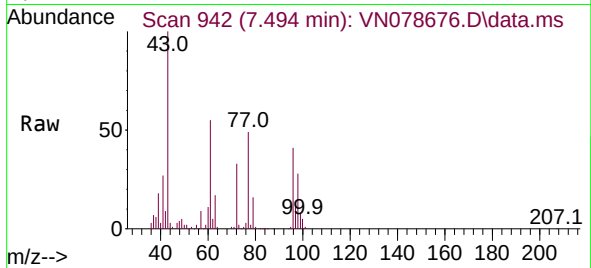
Tgt Ion: 77 Resp: 448395
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.524 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23

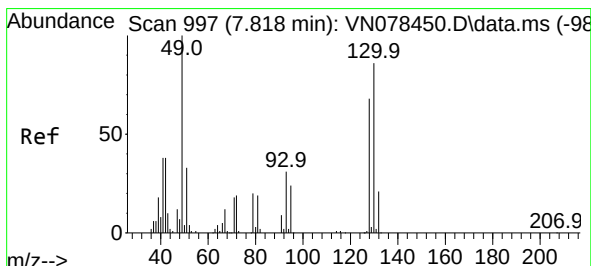
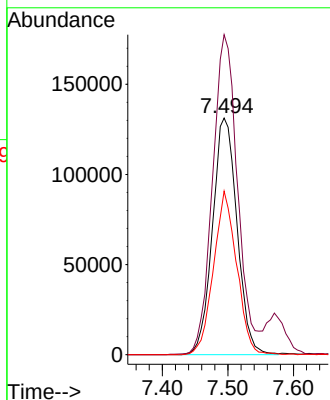
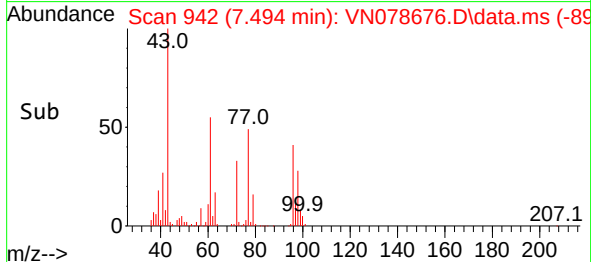
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



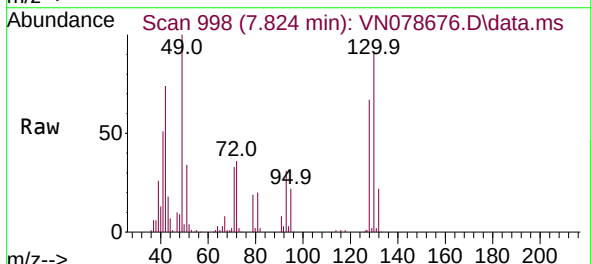
Tgt Ion: 96 Resp: 341060
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 255.2
 98 65.4 0.0 128.8

Manual Integrations
 APPROVED

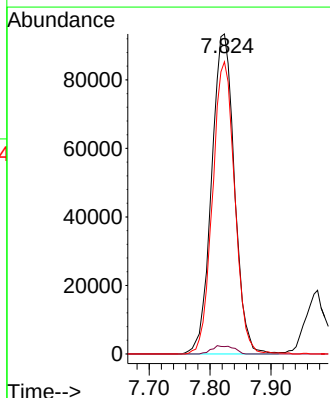
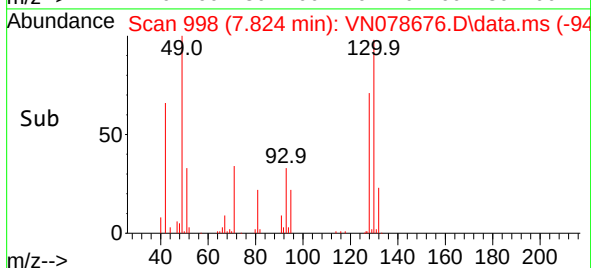
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

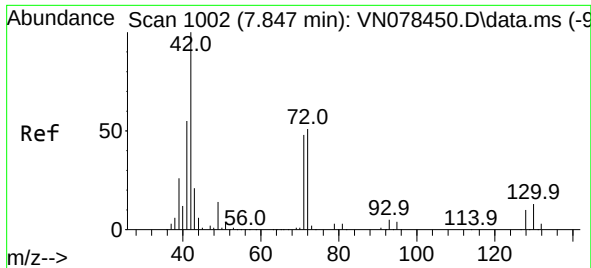


#28
 Bromochloromethane
 Concen: 49.259 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23



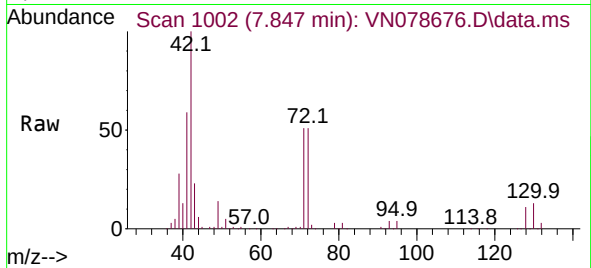
Tgt Ion: 49 Resp: 242887
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 88.8 75.3 112.9





#29
Tetrahydrofuran
Concen: 251.401 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

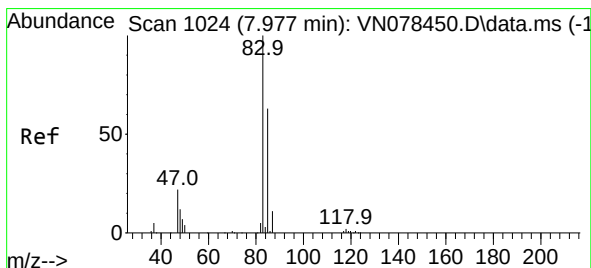
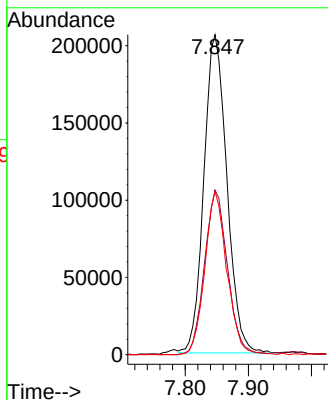
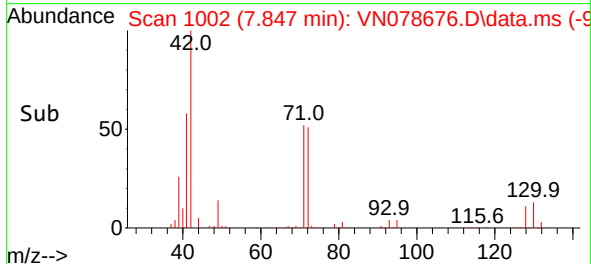
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 521828
Ion Ratio Lower Upper
42 100
72 51.5 49.8 74.6
71 49.3 47.4 71.2

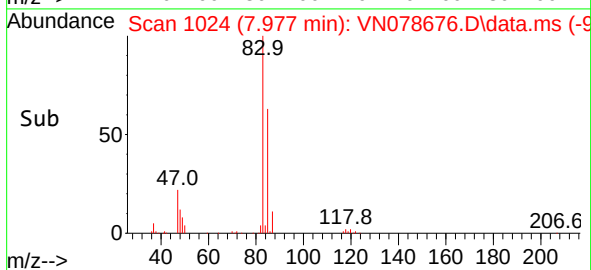
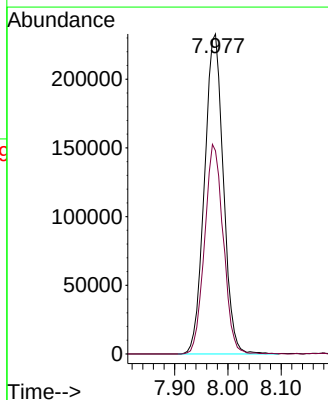
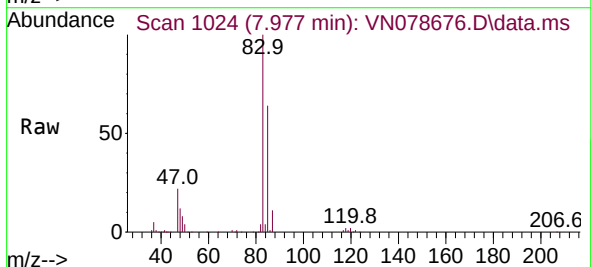
Manual Integrations
APPROVED

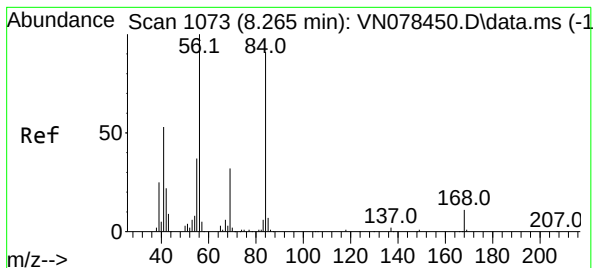
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Chloroform
Concen: 52.637 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Tgt Ion: 83 Resp: 573699
Ion Ratio Lower Upper
83 100
85 63.5 55.4 83.0





#31

Cyclohexane

Concen: 47.189 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 411420

Ion Ratio Lower Upper

56 100

69 31.2 26.8 40.2

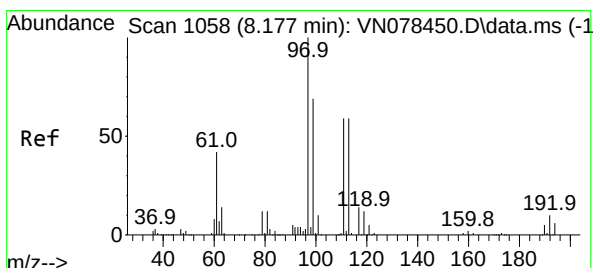
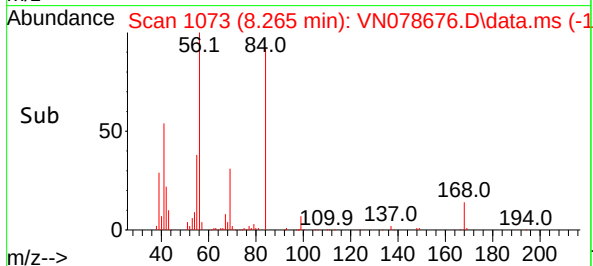
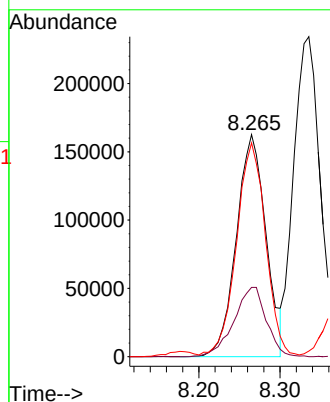
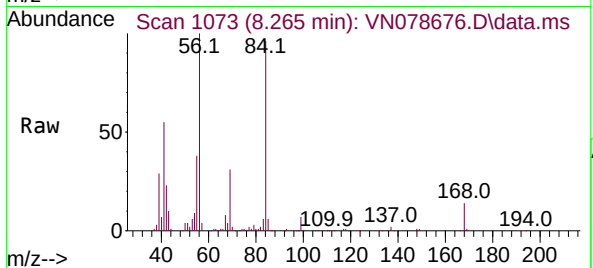
84 93.9 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#32

1,1,1-Trichloroethane

Concen: 52.526 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

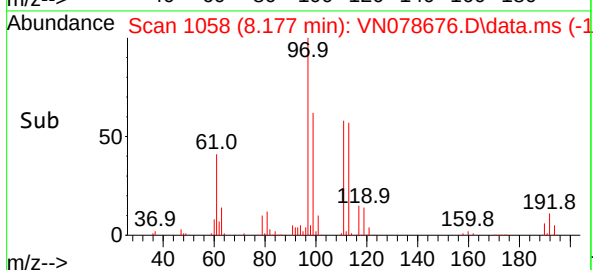
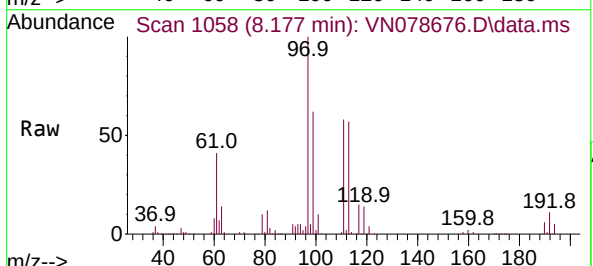
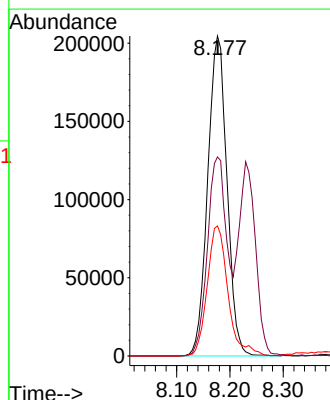
Tgt Ion: 97 Resp: 513273

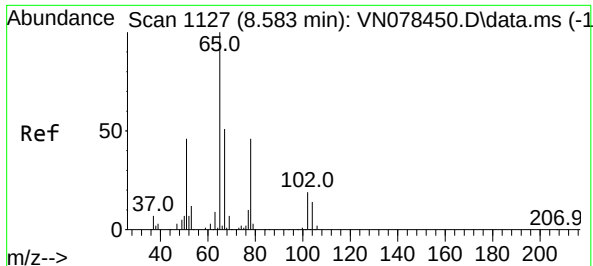
Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 43.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.210 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 30456

Ion Ratio Lower Upper

65 100

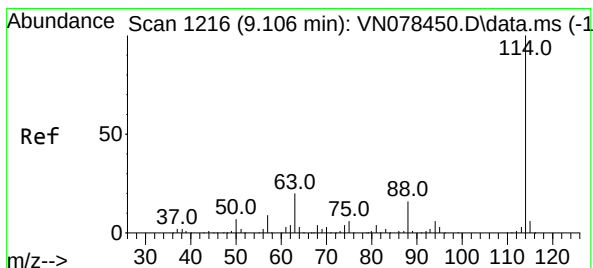
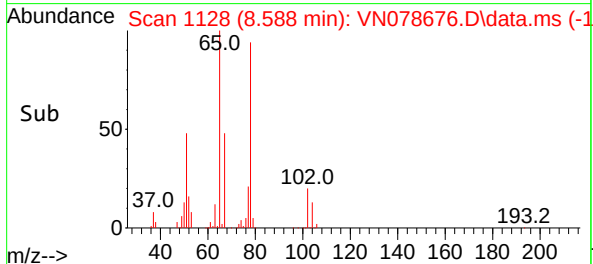
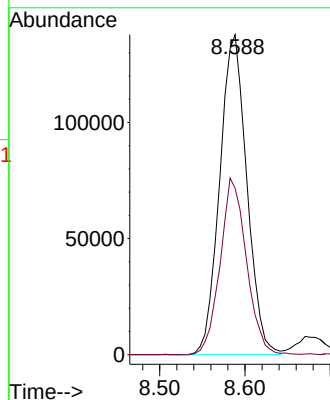
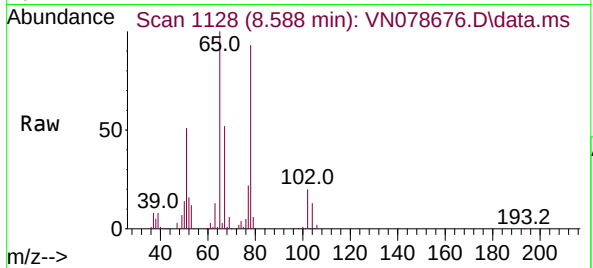
67 53.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

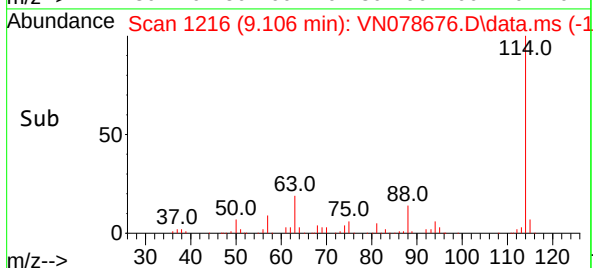
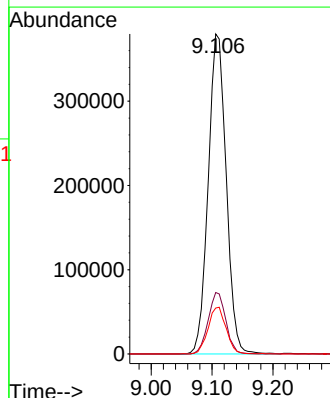
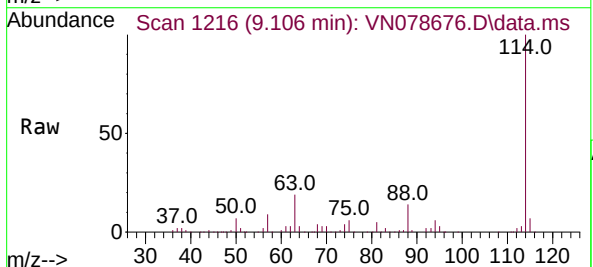
Tgt Ion:114 Resp: 780701

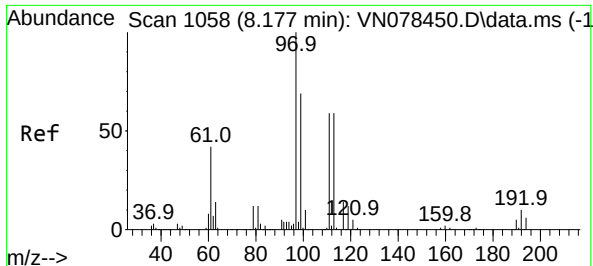
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.155 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 28170

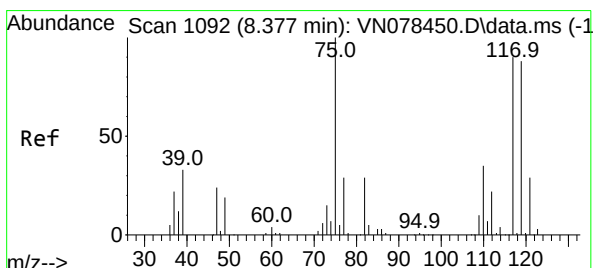
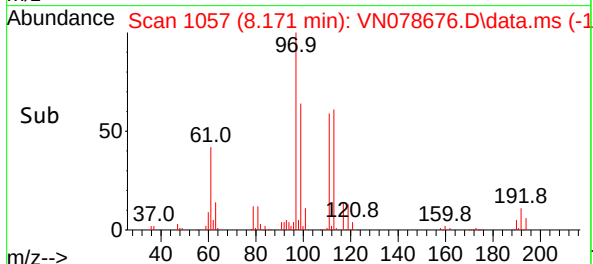
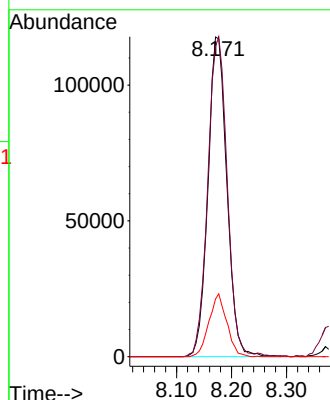
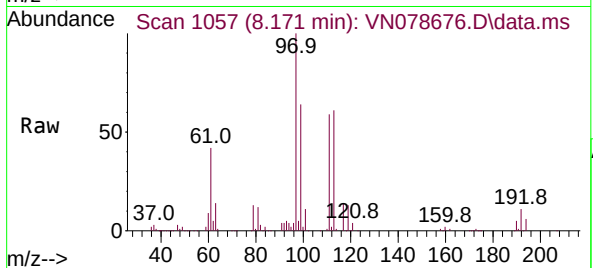
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	18.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 53.780 ug/l

RT: 8.377 min Scan# 1092

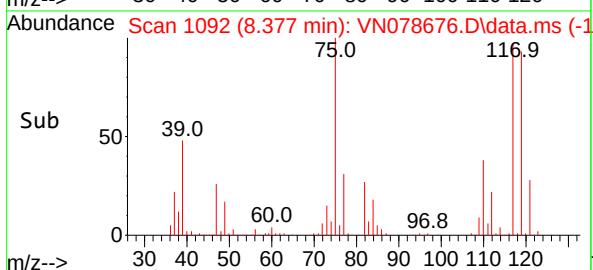
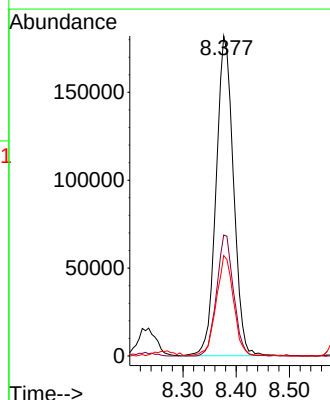
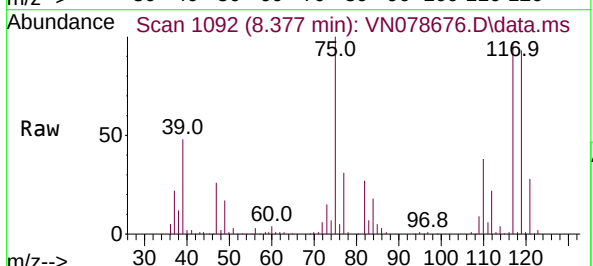
Delta R.T. -0.000 min

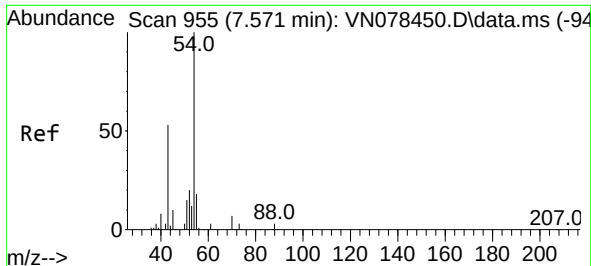
Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Tgt Ion: 75 Resp: 411539

Ion	Ratio	Lower	Upper
75	100		
110	37.1	19.1	57.3
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 54.268 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078676.D

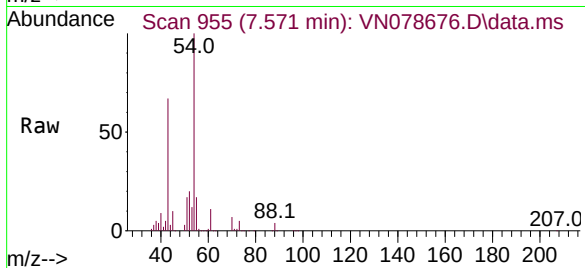
Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 346170

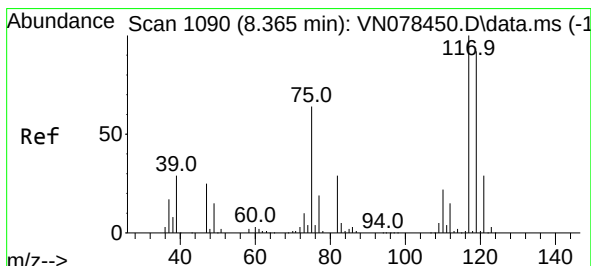
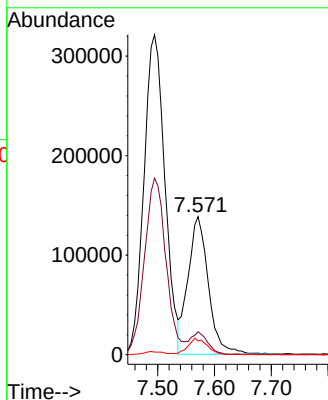
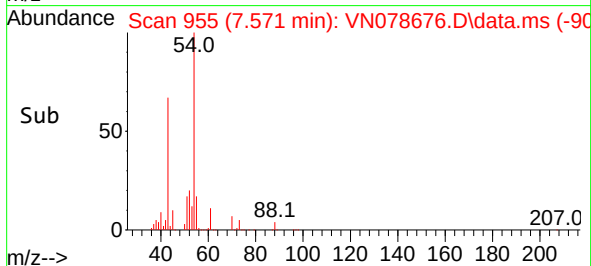
Ion	Ratio	Lower	Upper
43	100		
61	13.9	13.2	19.8
70	10.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

Carbon Tetrachloride

Concen: 56.095 ug/l

RT: 8.371 min Scan# 1091

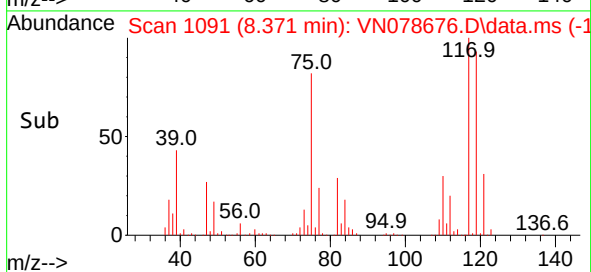
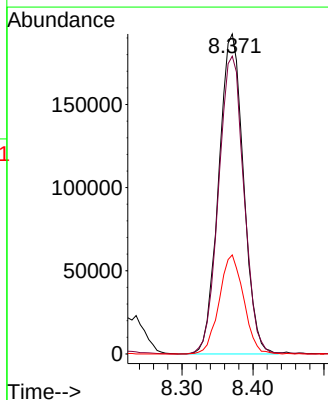
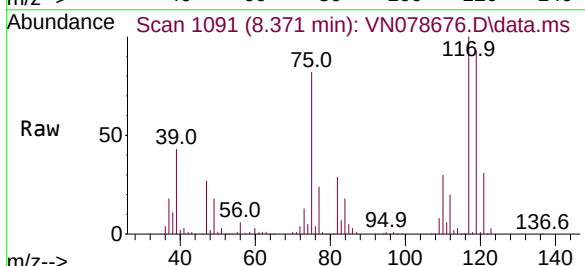
Delta R.T. 0.006 min

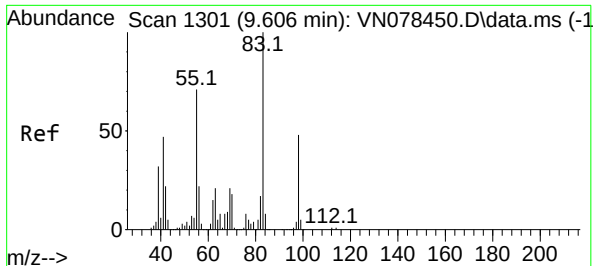
Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Tgt Ion:117 Resp: 466525

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.3	115.9
121	31.0	23.3	34.9





#39

Methylcyclohexane

Concen: 56.407 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 393999

Ion Ratio Lower Upper

83 100

55 64.6 49.1 73.7

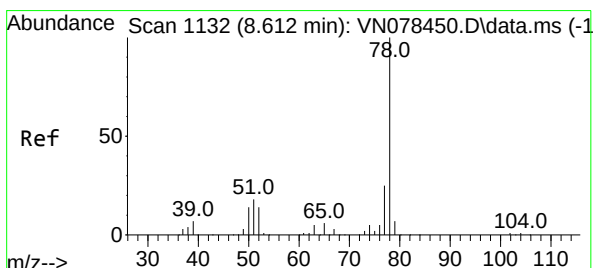
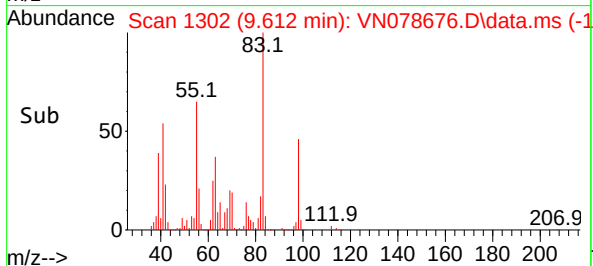
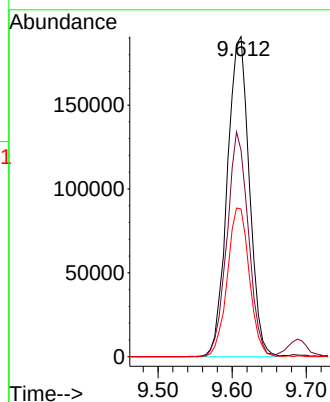
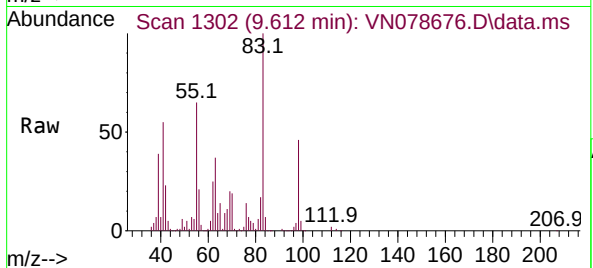
98 46.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 55.185 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078676.D

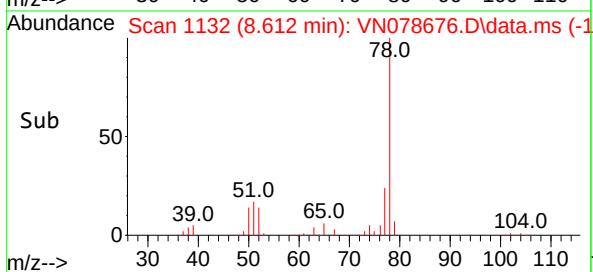
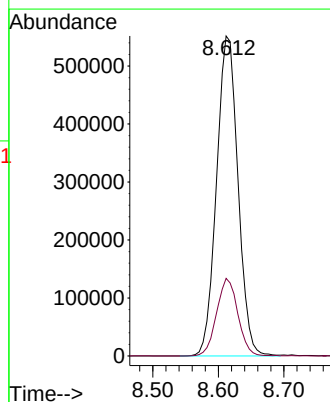
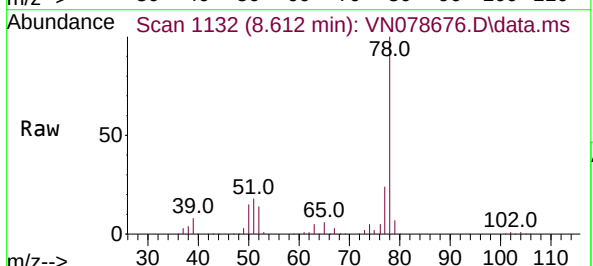
Acq: 28 Jul 2023 10:23

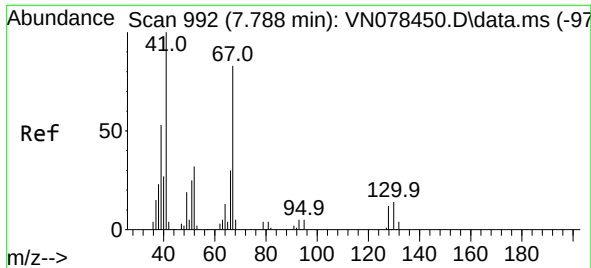
Tgt Ion: 78 Resp: 1251064

Ion Ratio Lower Upper

78 100

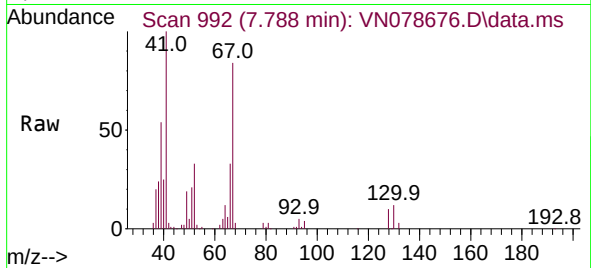
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 53.290 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

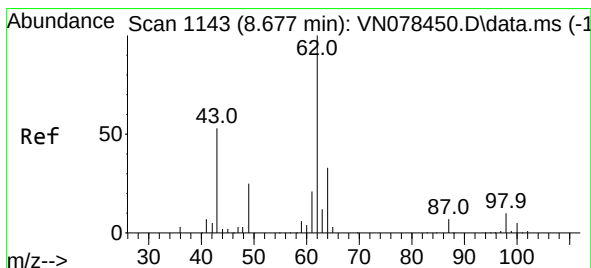
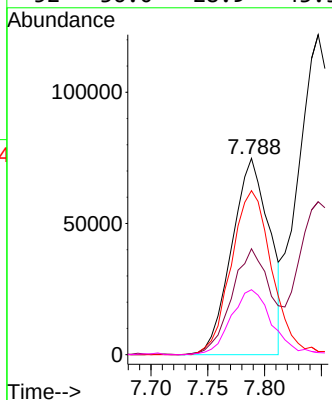
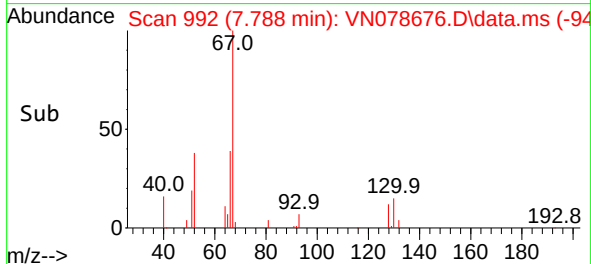
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



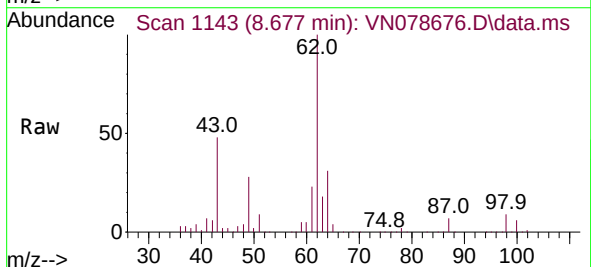
Tgt Ion: 41 Resp: 173295
Ion Ratio Lower Upper
41 100
39 58.0 42.6 64.0
67 90.6 77.5 116.3
52 36.0 28.9 43.3

Manual Integrations
APPROVED

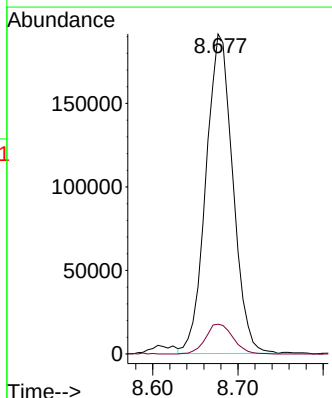
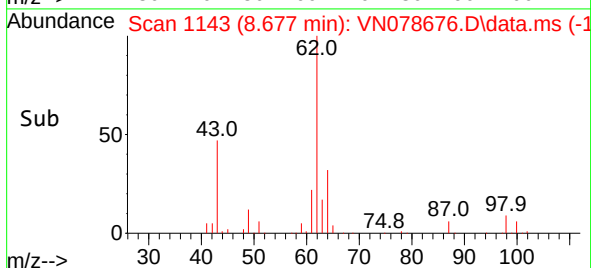
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

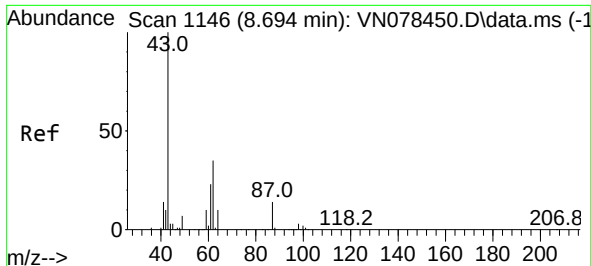


#42
1,2-Dichloroethane
Concen: 54.455 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



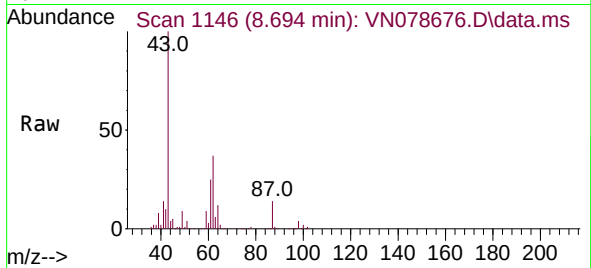
Tgt Ion: 62 Resp: 419900
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 57.937 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

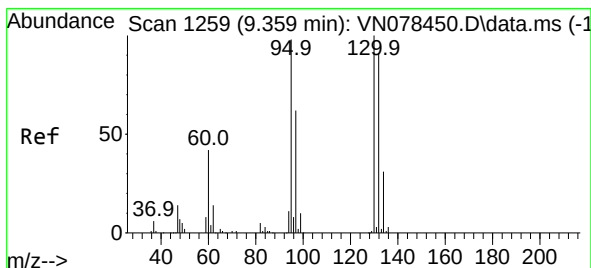
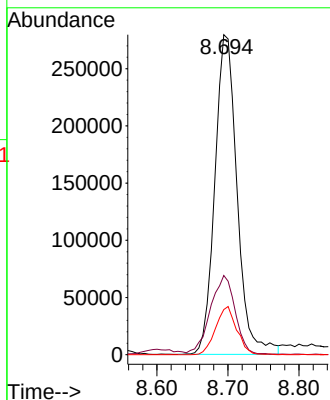
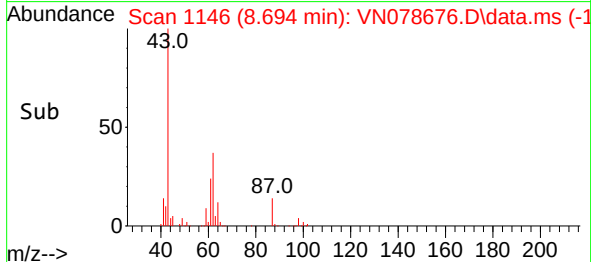
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 60846
Ion Ratio Lower Upper
43 100
61 27.4 24.7 37.1
87 14.2 14.6 21.8

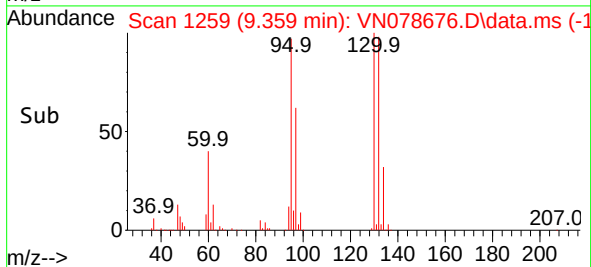
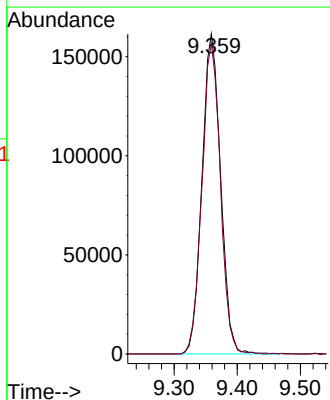
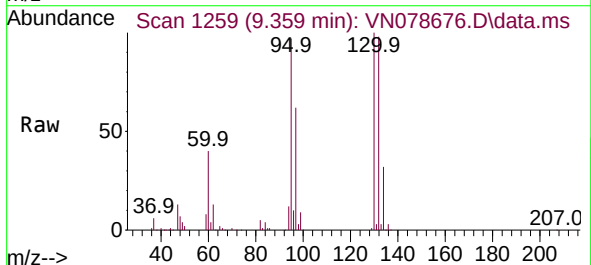
Manual Integrations
APPROVED

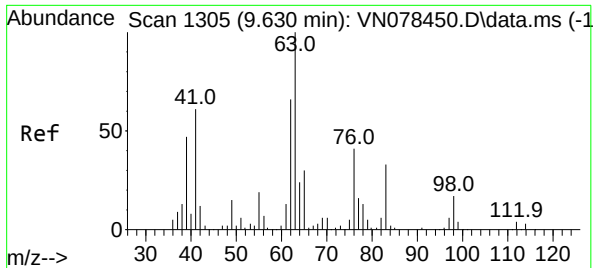
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 54.120 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

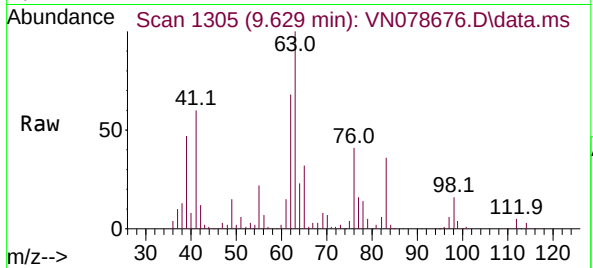
Tgt Ion:130 Resp: 330675
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 55.797 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

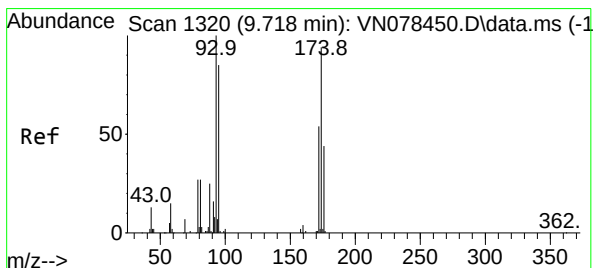
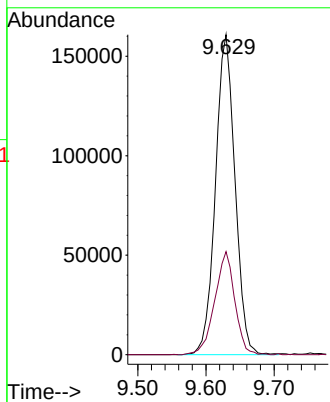
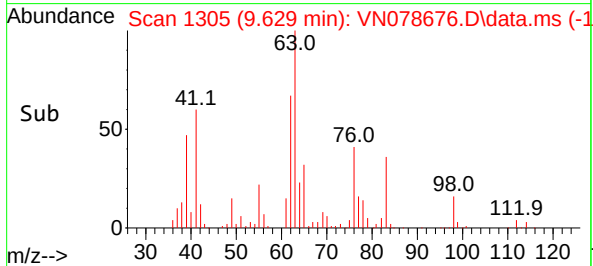
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



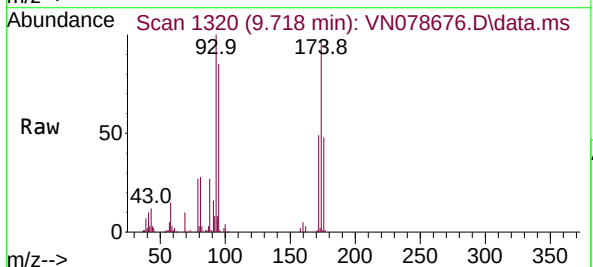
Tgt Ion: 63 Resp: 320375
Ion Ratio Lower Upper
63 100
65 32.2 23.9 35.9

Manual Integrations
APPROVED

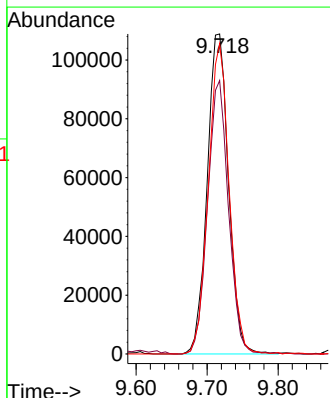
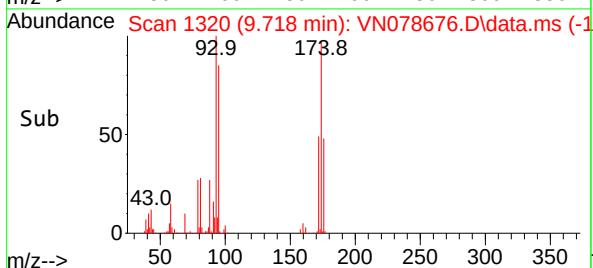
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

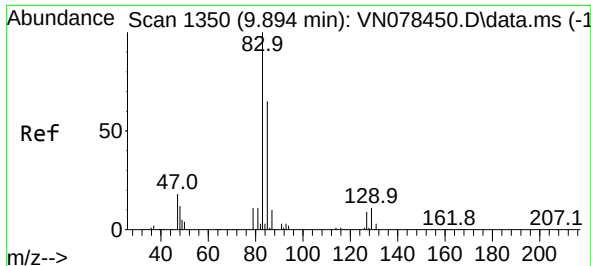


#46
Dibromomethane
Concen: 56.326 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



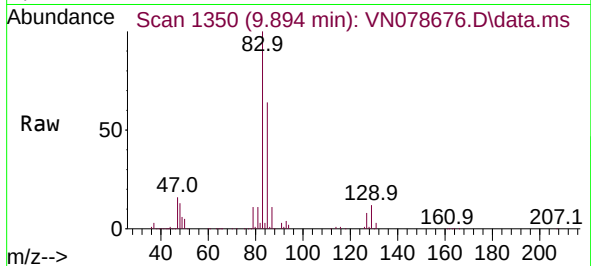
Tgt Ion: 93 Resp: 227629
Ion Ratio Lower Upper
93 100
95 83.5 63.8 95.8
174 94.2 65.6 98.4





#47
Bromodichloromethane
Concen: 55.463 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

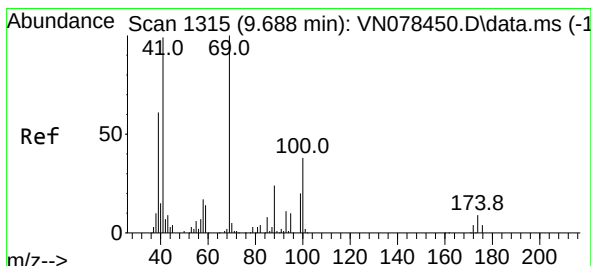
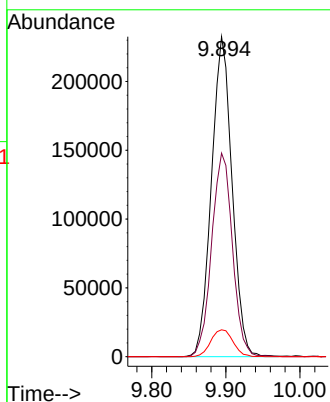
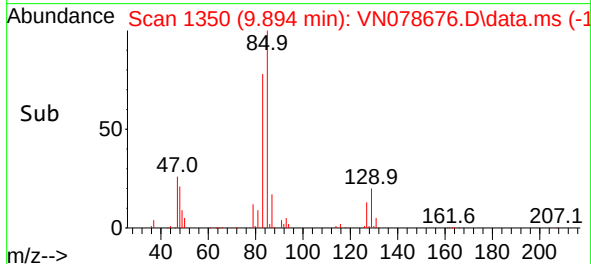
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 449304
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 8.4 7.0 10.6

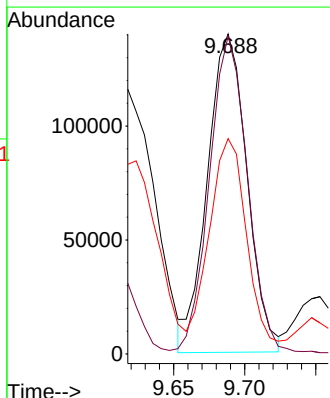
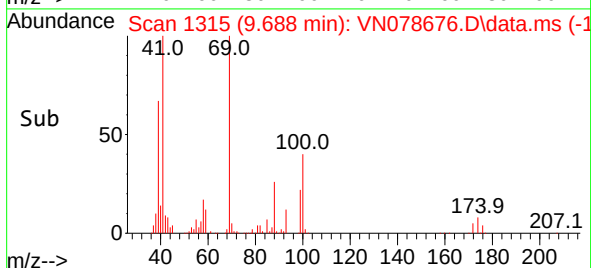
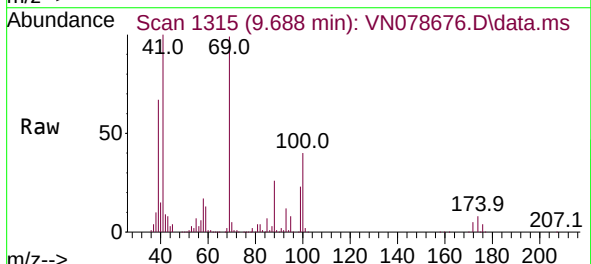
Manual Integrations
APPROVED

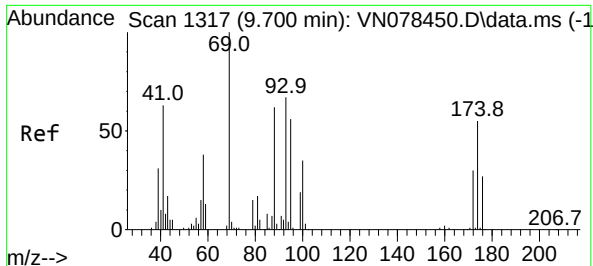
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 55.708 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Tgt Ion: 41 Resp: 271052
Ion Ratio Lower Upper
41 100
69 96.8 90.4 135.6
39 64.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1121.374 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 118988

Ion Ratio Lower Upper

88 100

43 23.3 17.0 25.6

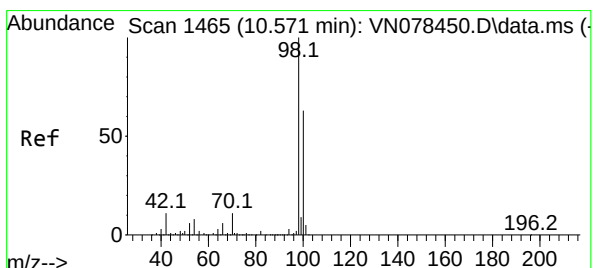
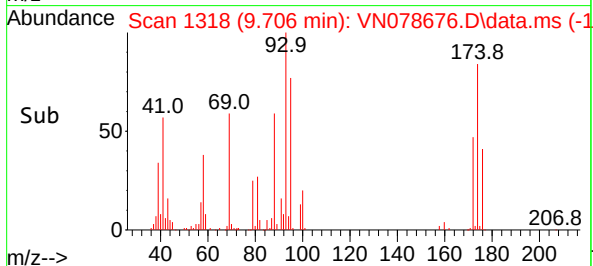
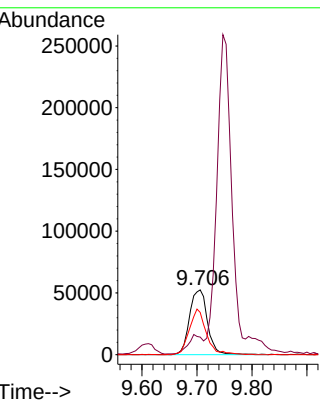
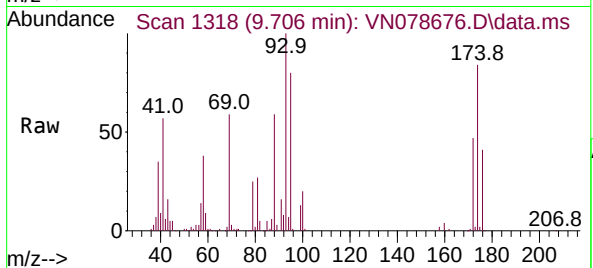
58 66.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 49.931 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078676.D

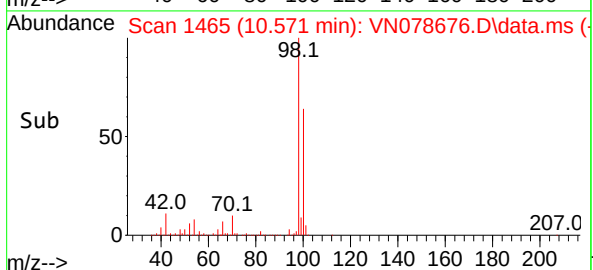
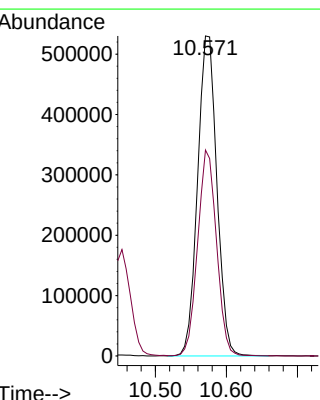
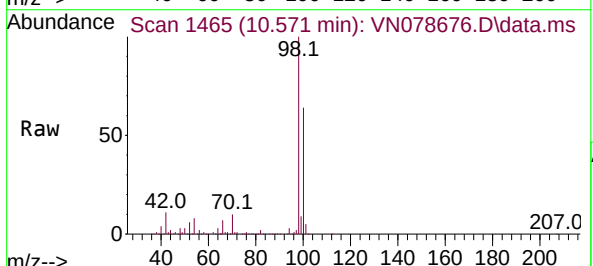
Acq: 28 Jul 2023 10:23

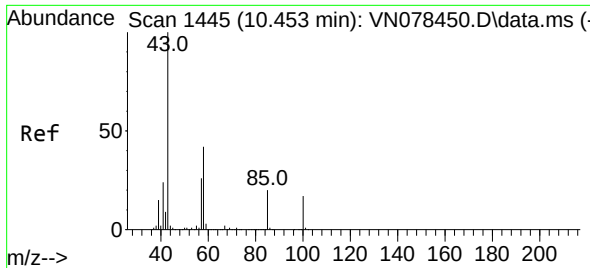
Tgt Ion: 98 Resp: 999642

Ion Ratio Lower Upper

98 100

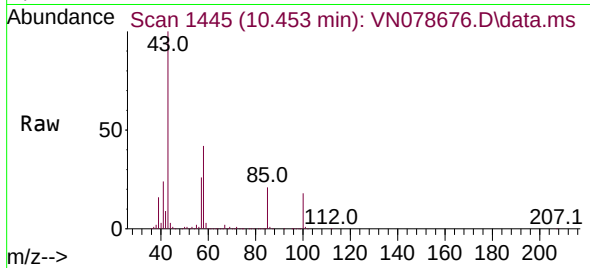
100 62.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 283.002 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

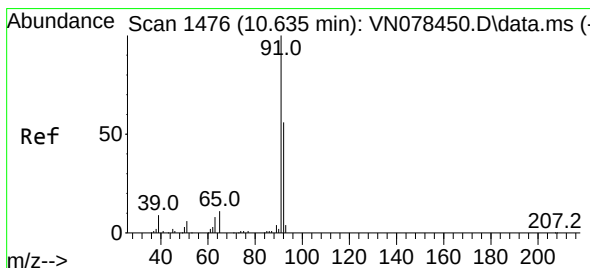
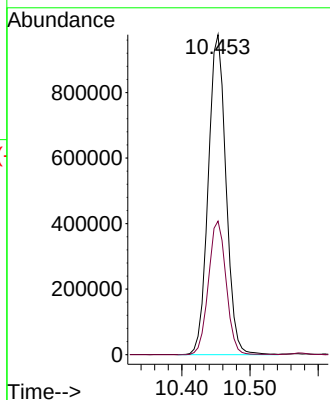
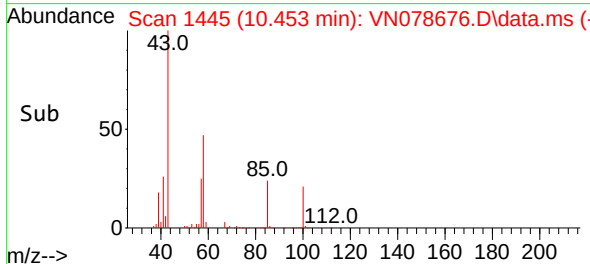
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



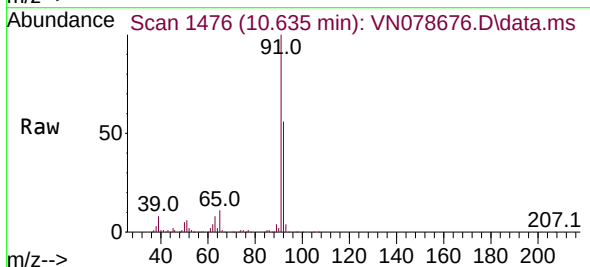
Tgt Ion: 43 Resp: 176786
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

Manual Integrations
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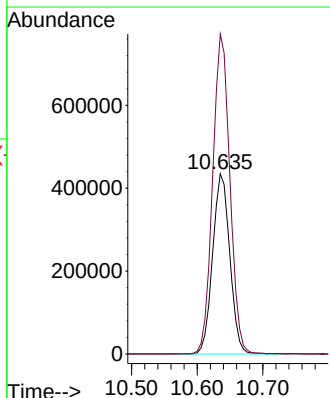
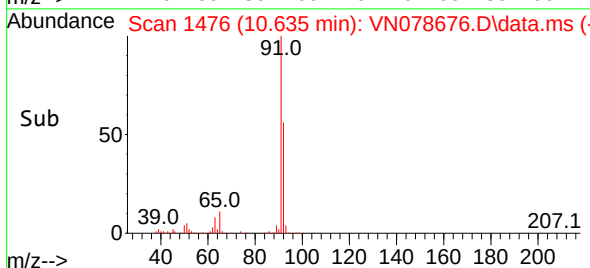
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

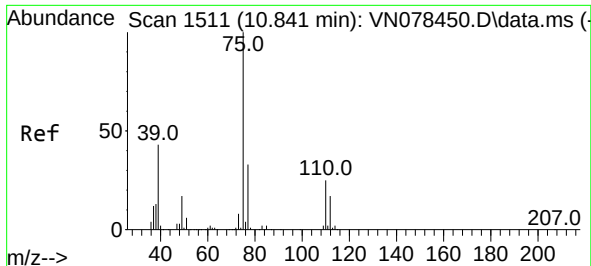


#52
Toluene
Concen: 56.105 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



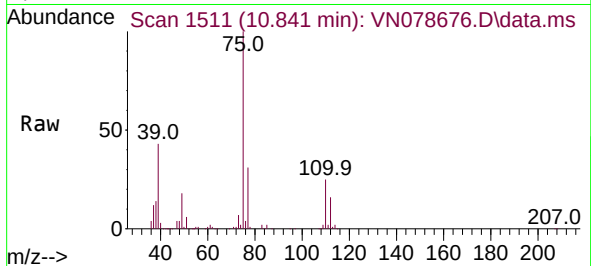
Tgt Ion: 92 Resp: 788307
Ion Ratio Lower Upper
92 100
91 178.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.903 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

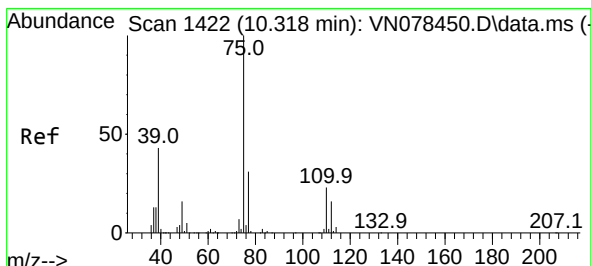
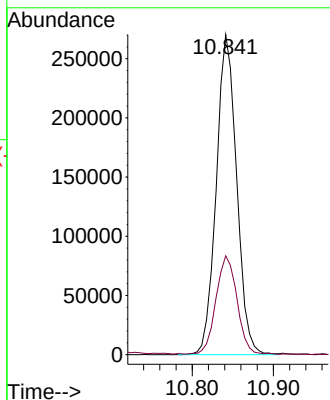
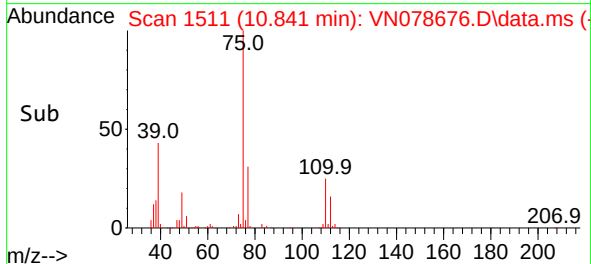
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 472244
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

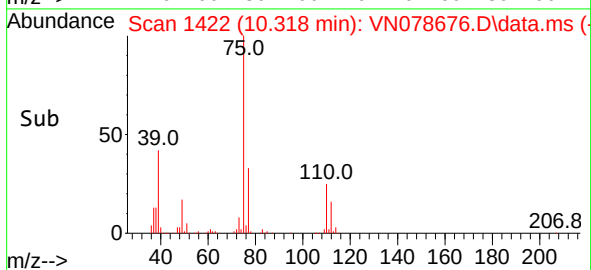
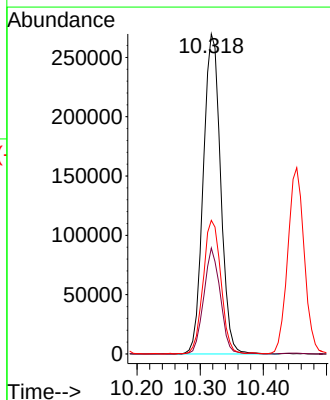
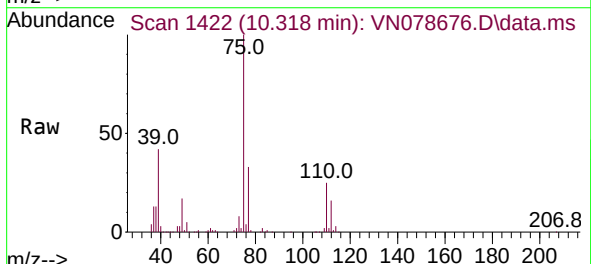
Manual Integrations
APPROVED

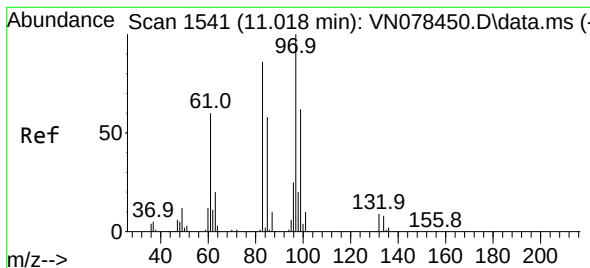
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 58.037 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Tgt Ion: 75 Resp: 513416
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 41.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 57.477 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 31818

Ion Ratio Lower Upper

97 100

83 85.3 65.1 97.7

85 55.2 43.4 65.2

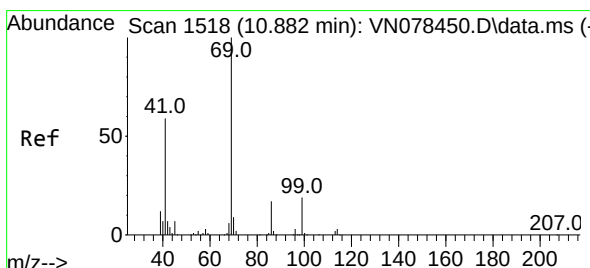
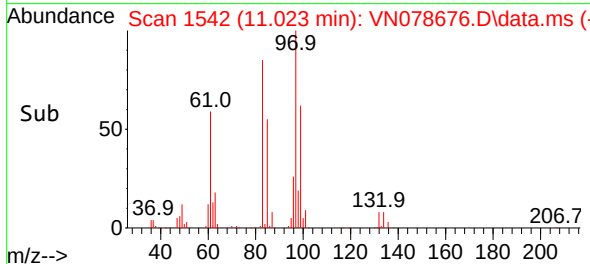
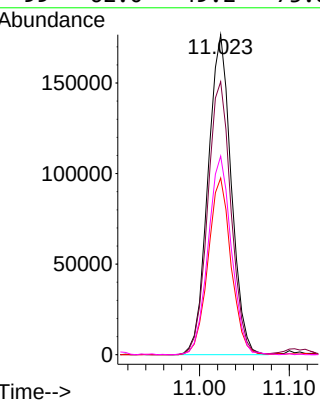
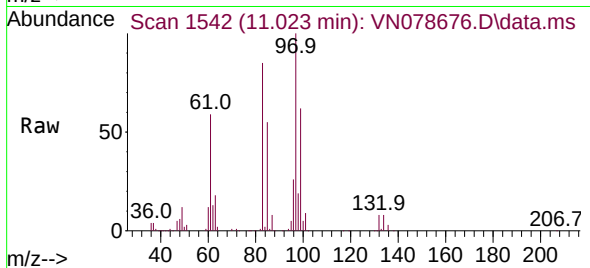
99 62.0 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#56

Ethyl methacrylate

Concen: 58.196 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

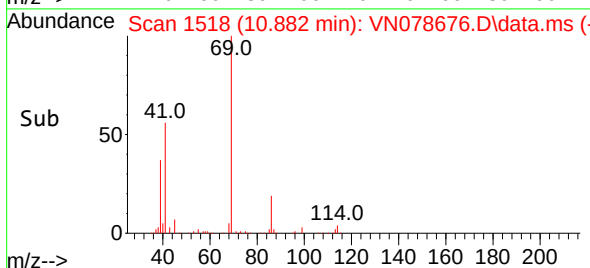
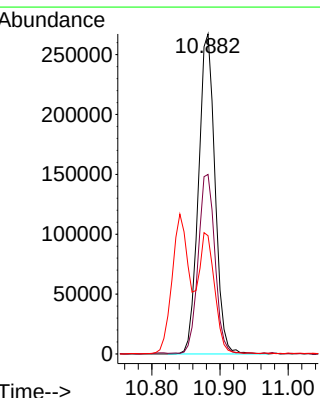
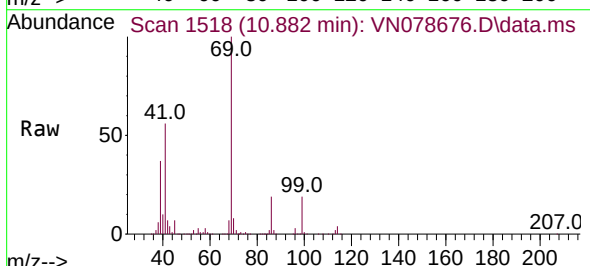
Tgt Ion: 69 Resp: 450350

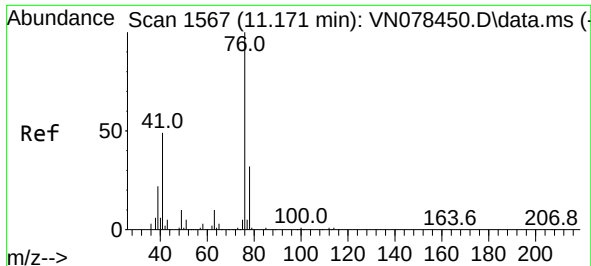
Ion Ratio Lower Upper

69 100

41 56.7 39.6 59.4

39 37.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.981 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078676.D

Acq: 28 Jul 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 517518

Ion Ratio Lower Upper

76 100

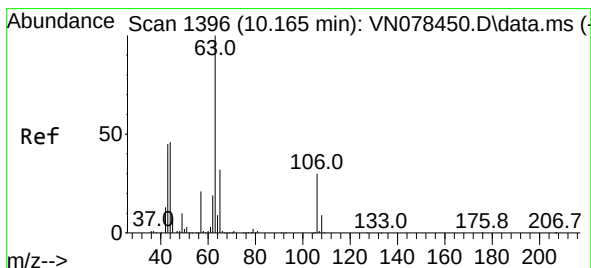
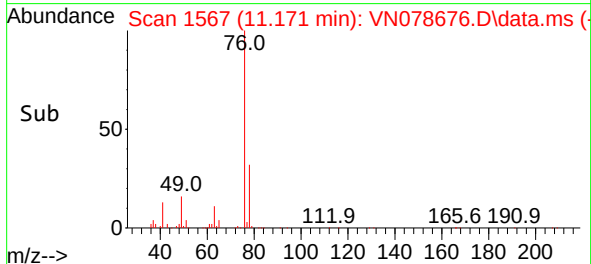
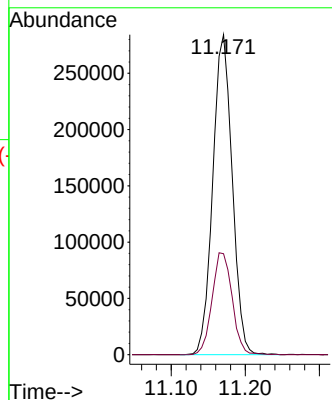
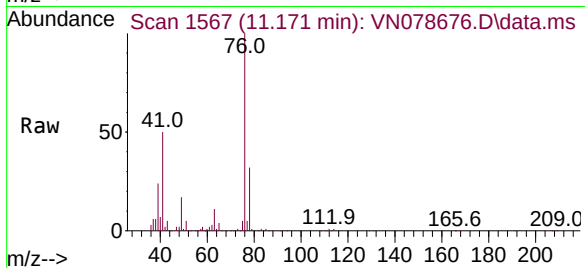
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 267.476 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078676.D

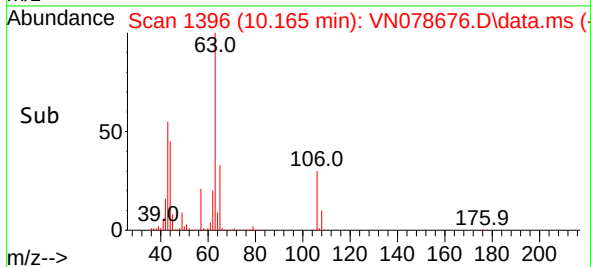
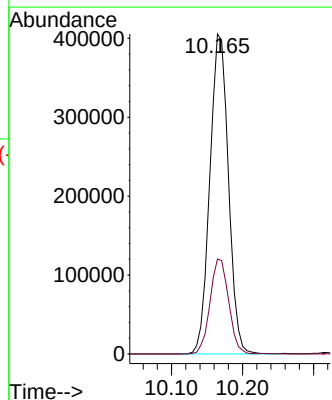
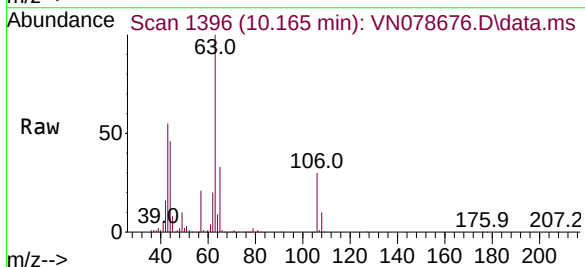
Acq: 28 Jul 2023 10:23

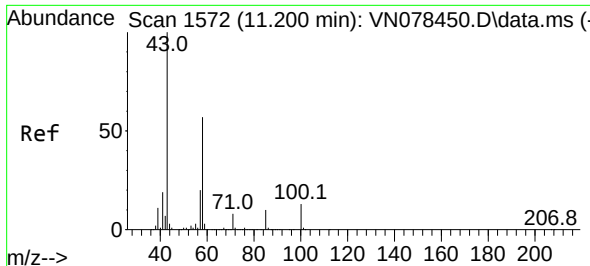
Tgt Ion: 63 Resp: 737641

Ion Ratio Lower Upper

63 100

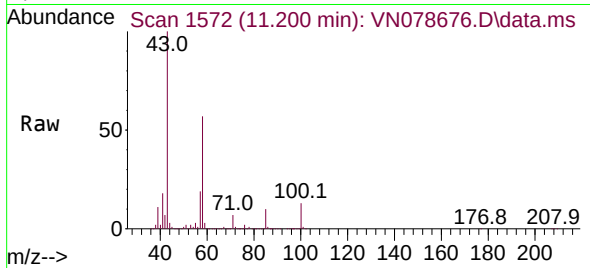
106 29.7 26.2 39.4





#59
2-Hexanone
Concen: 285.500 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

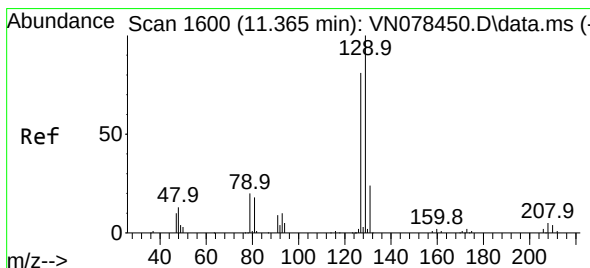
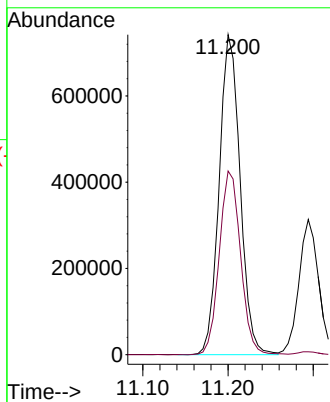
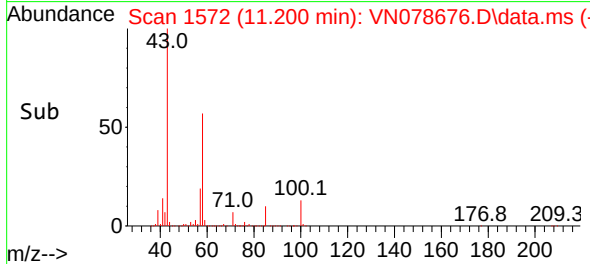
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1267530
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1

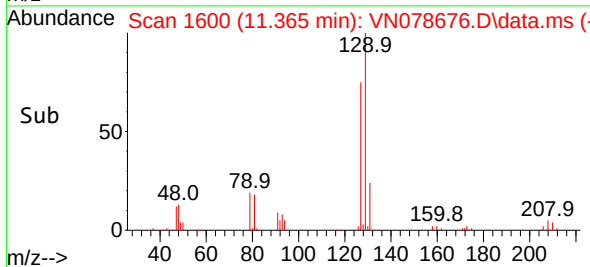
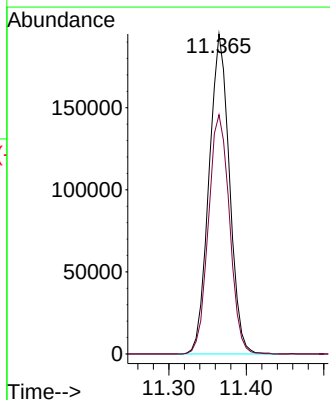
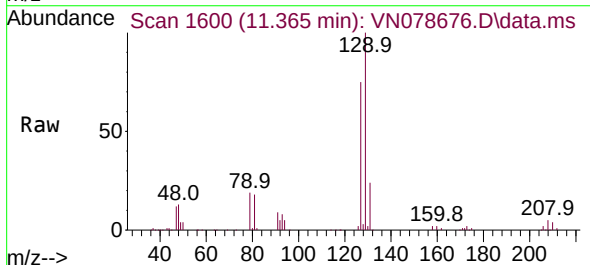
Manual Integrations
APPROVED

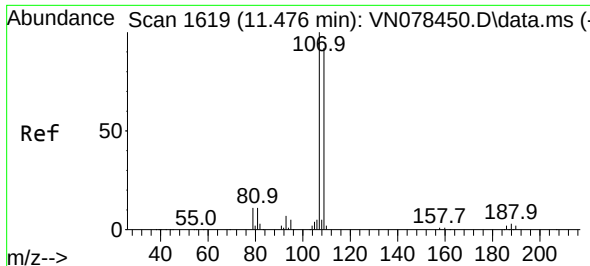
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 58.370 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

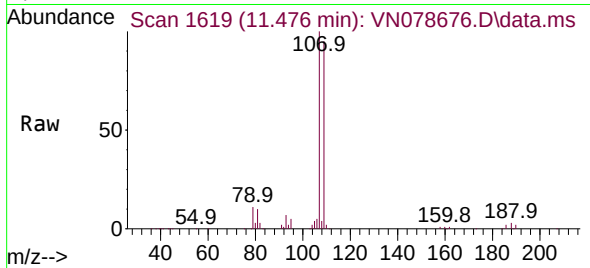
Tgt Ion:129 Resp: 356725
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.614 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

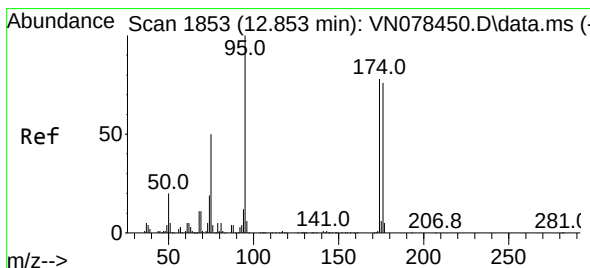
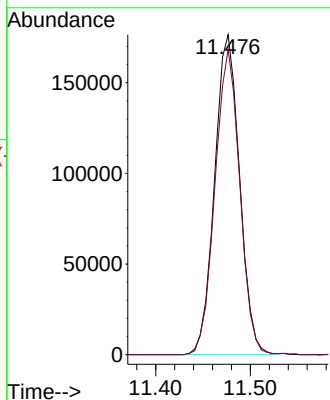
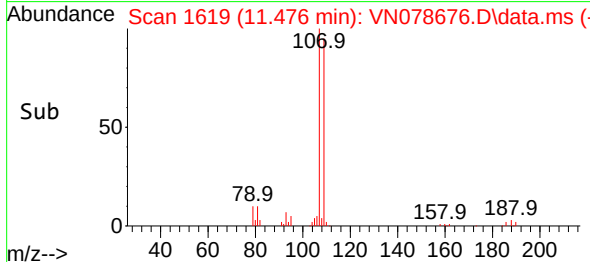
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



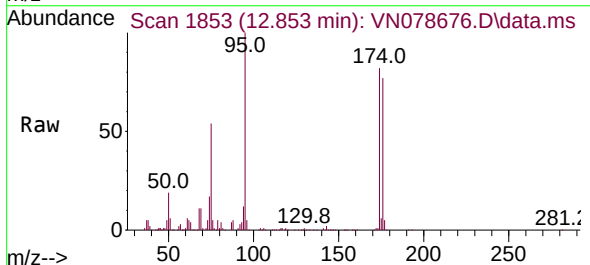
Tgt Ion:107 Resp: 322850
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

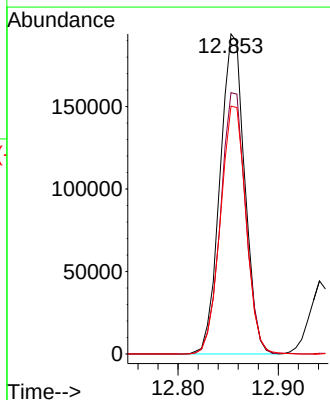
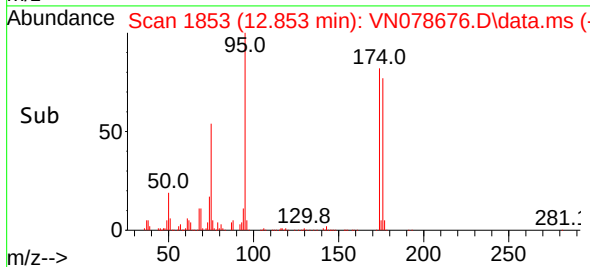
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

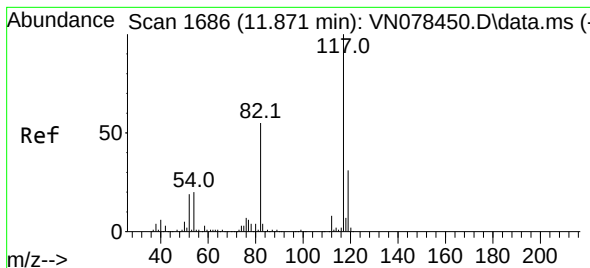


#62
4-Bromofluorobenzene
Concen: 53.806 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



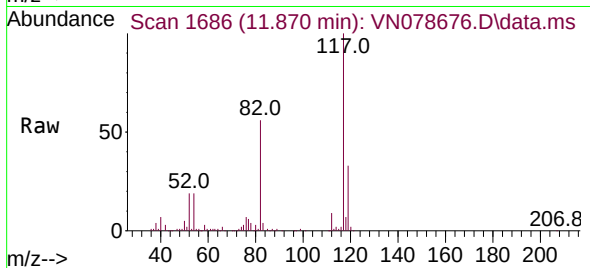
Tgt Ion: 95 Resp: 331804
Ion Ratio Lower Upper
95 100
174 82.6 0.0 143.8
176 80.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

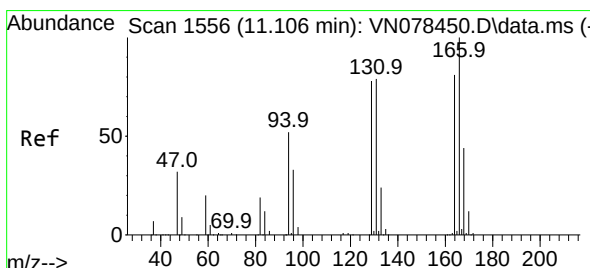
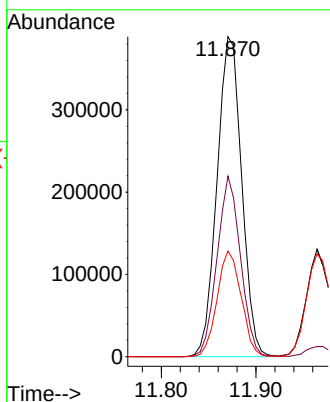
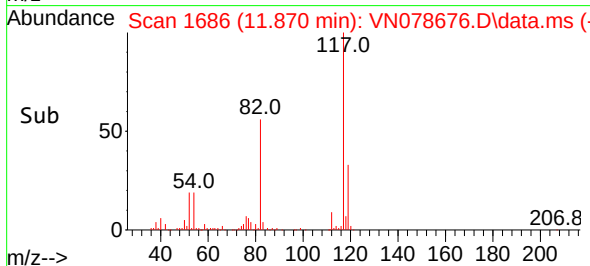
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 704820
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.0 25.6 38.4

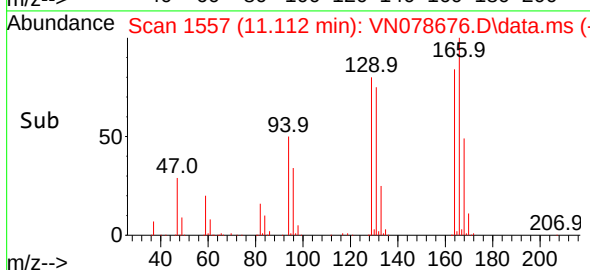
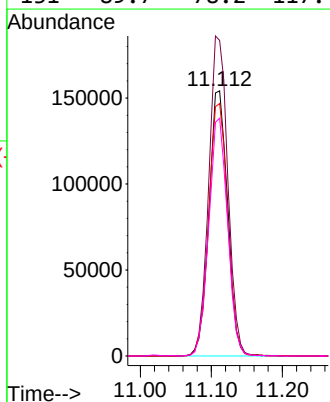
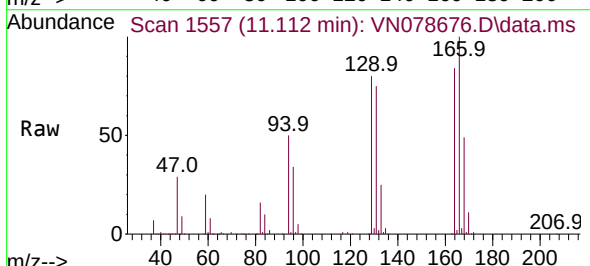
Manual Integrations
APPROVED

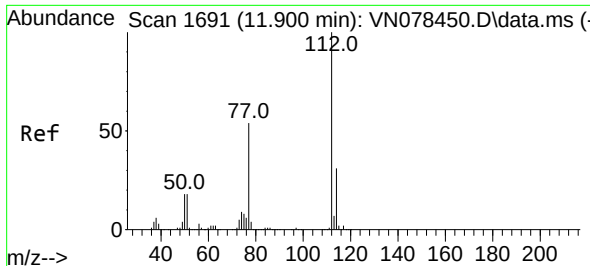
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 53.303 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Tgt Ion:164 Resp: 282455
Ion Ratio Lower Upper
164 100
166 119.1 101.4 152.0
129 95.3 82.4 123.6
131 89.7 78.2 117.4





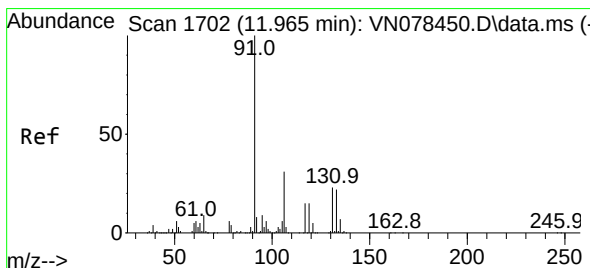
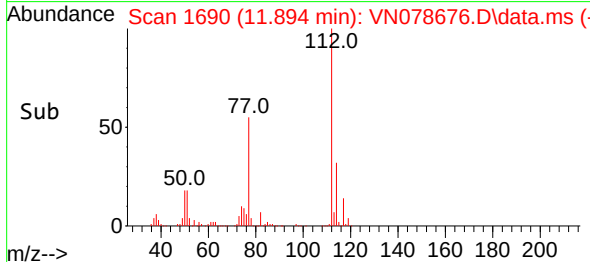
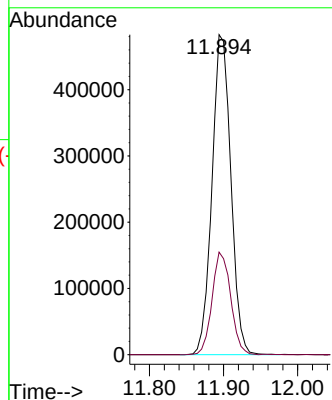
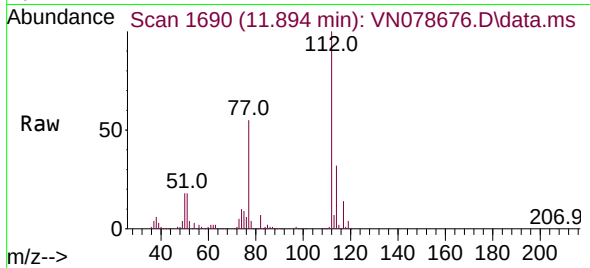
#65
Chlorobenzene
Concen: 54.188 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 85369
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

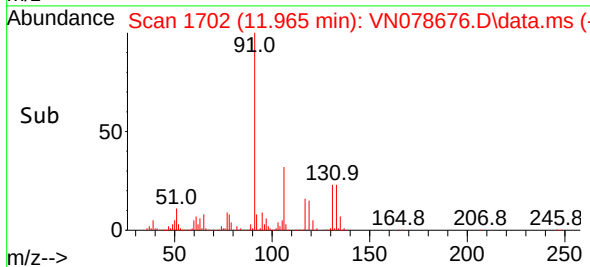
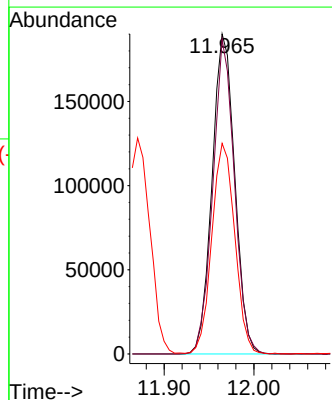
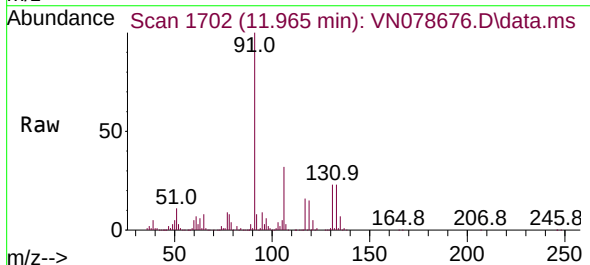
Manual Integrations
APPROVED

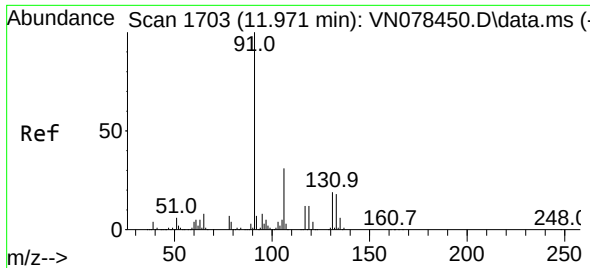
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.914 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

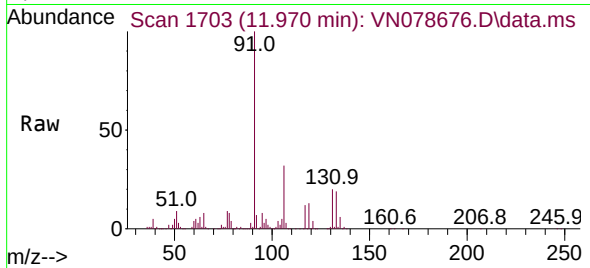
Tgt Ion:131 Resp: 332821
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 66.8 34.1 102.2





#67
Ethyl Benzene
Concen: 56.529 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

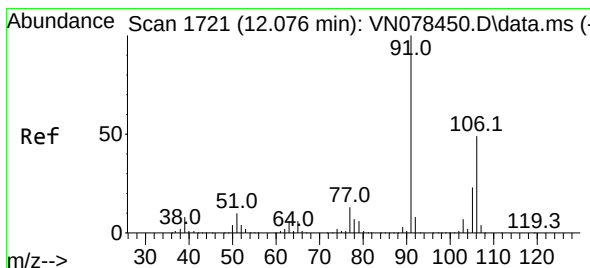
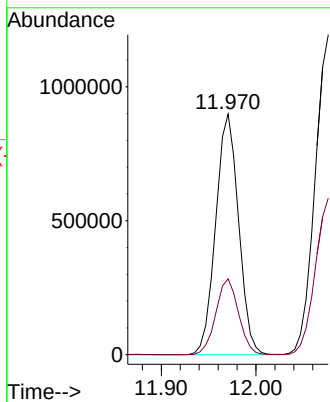
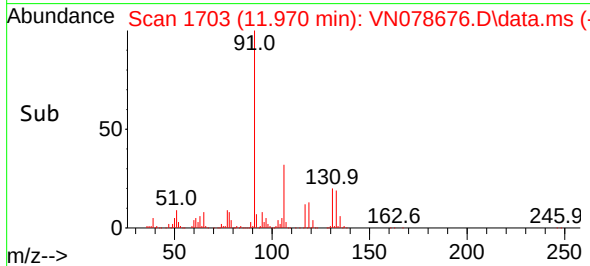
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



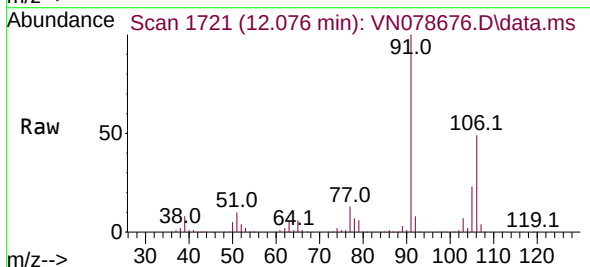
Tgt Ion: 91 Resp: 150539
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

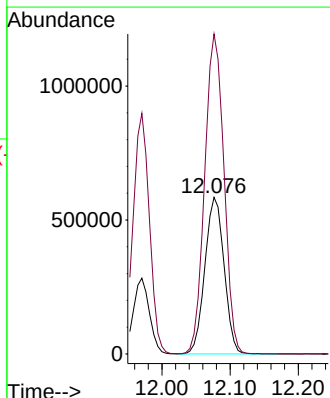
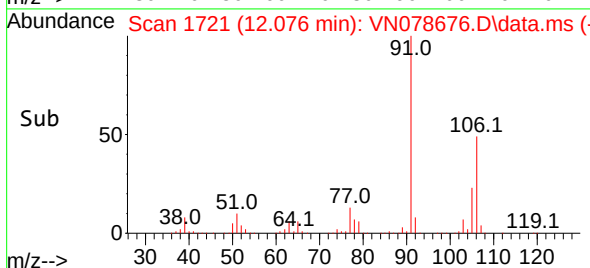
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

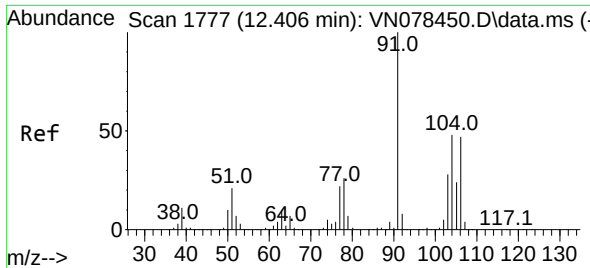


#68
m/p-Xylenes
Concen: 116.314 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



Tgt Ion:106 Resp: 1145235
Ion Ratio Lower Upper
106 100
91 205.0 159.6 239.4





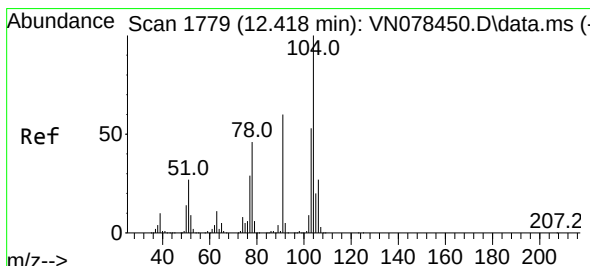
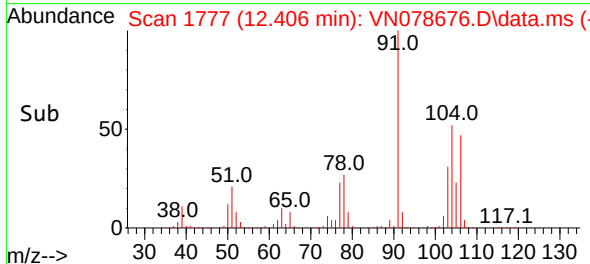
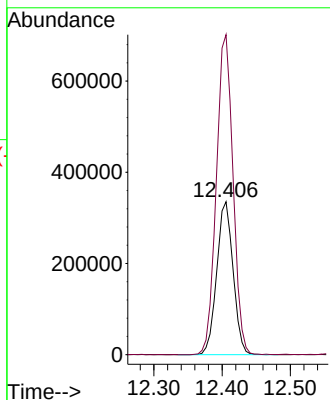
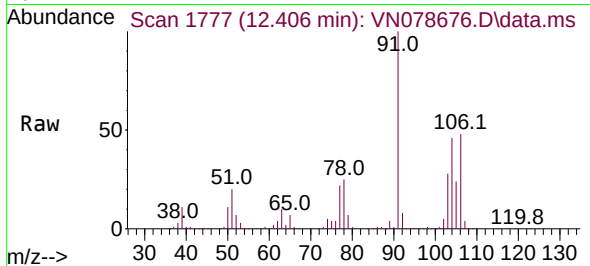
#69
o-Xylene
Concen: 56.301 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 559915
Ion Ratio Lower Upper
106 100
91 213.5 105.2 315.5

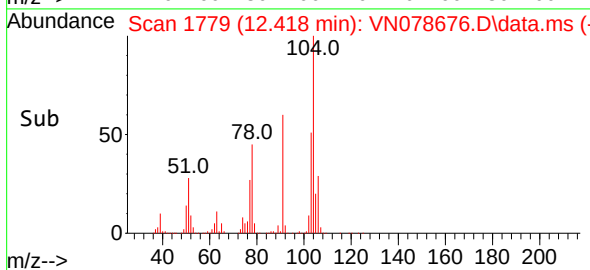
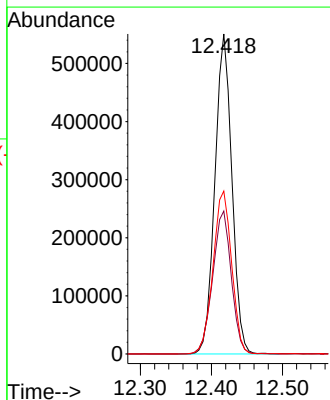
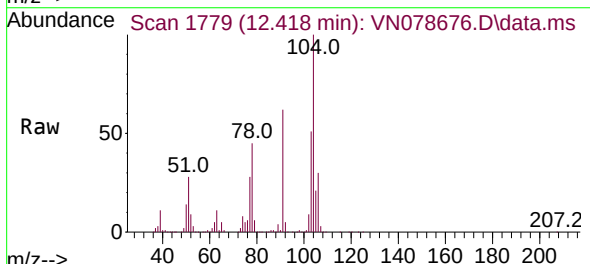
Manual Integrations
APPROVED

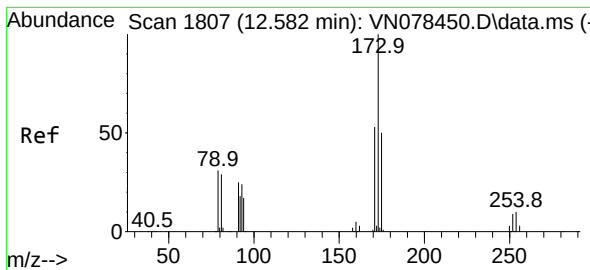
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 58.651 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

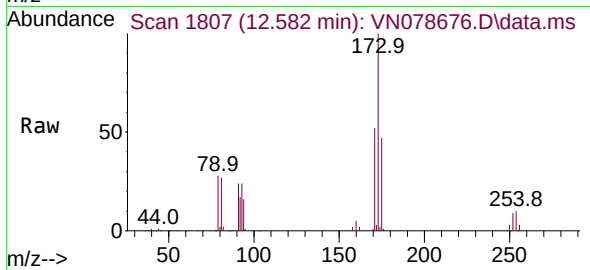
Tgt Ion:104 Resp: 912535
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 58.382 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

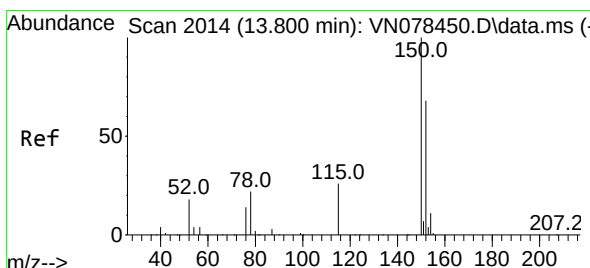
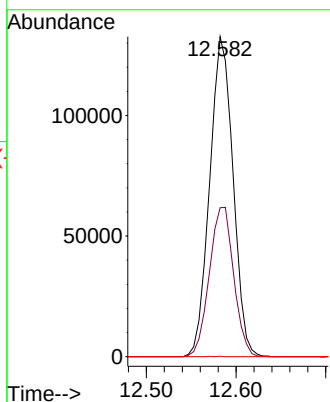
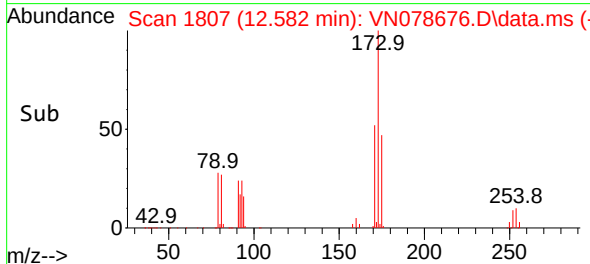
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



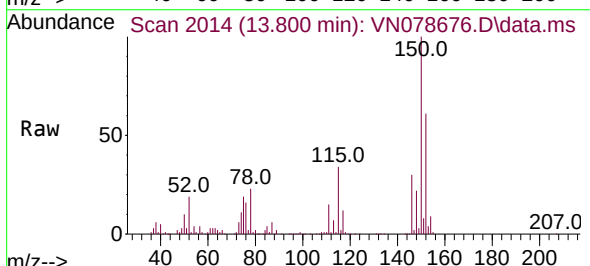
Tgt Ion:173 Resp: 239640
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

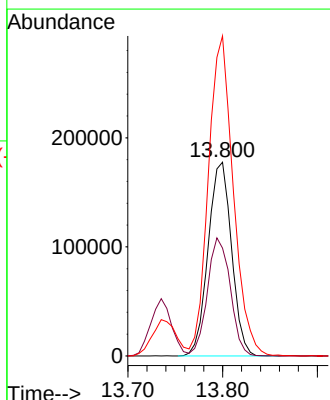
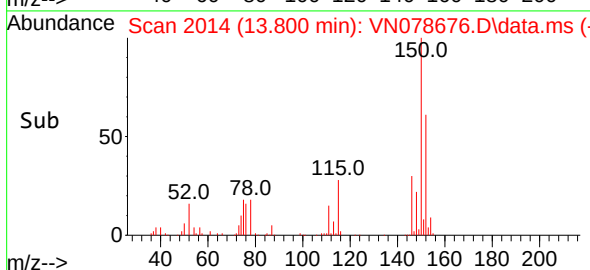
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

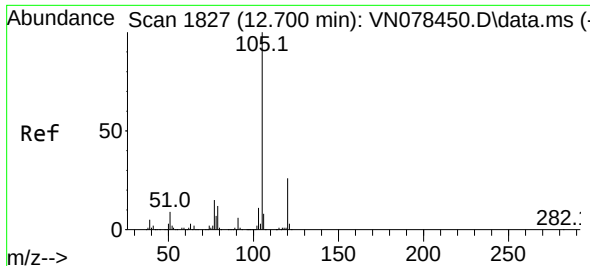


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



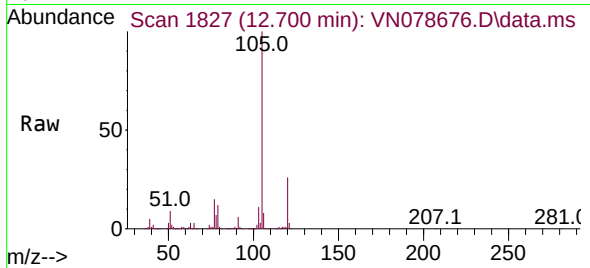
Tgt Ion:152 Resp: 305852
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 175.0 0.0 355.8





#73
Isopropylbenzene
Concen: 49.363 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

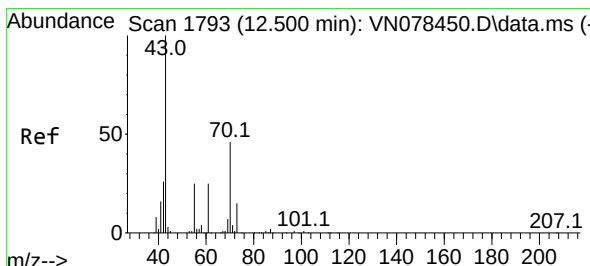
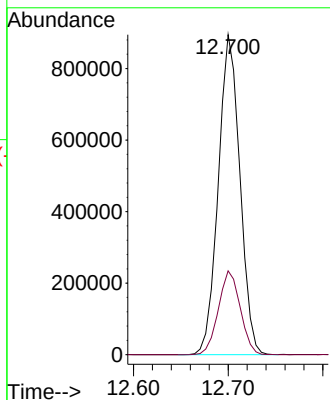
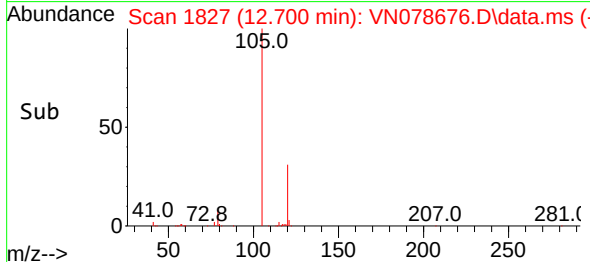
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



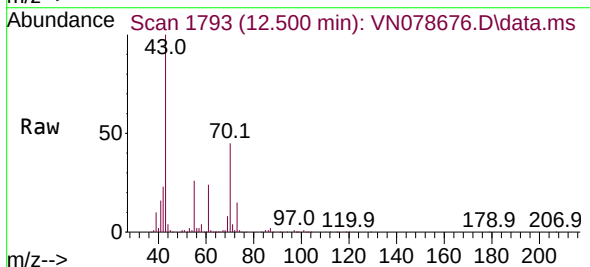
Tgt Ion: 105 Resp: 1418650
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
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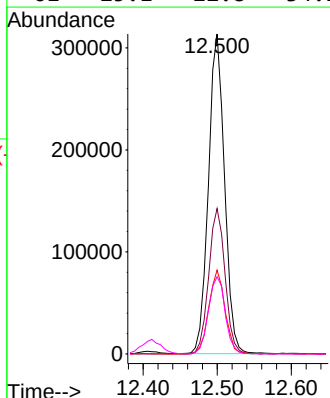
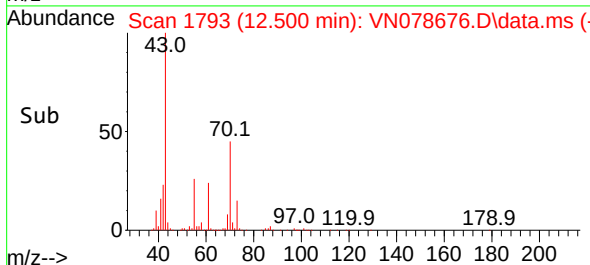
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

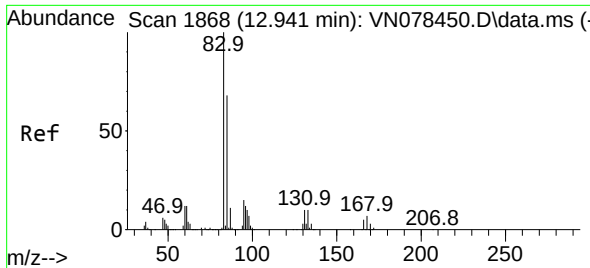


#74
N-ethyl acetate
Concen: 47.795 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



Tgt Ion: 43 Resp: 473362
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 26.5 21.4 32.0
61 25.1 22.8 34.2





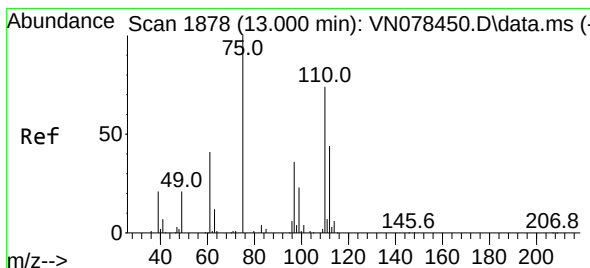
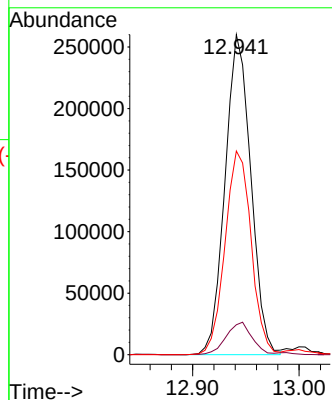
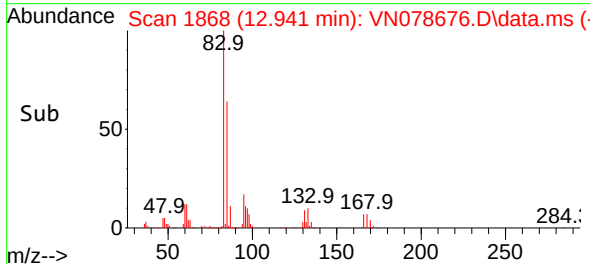
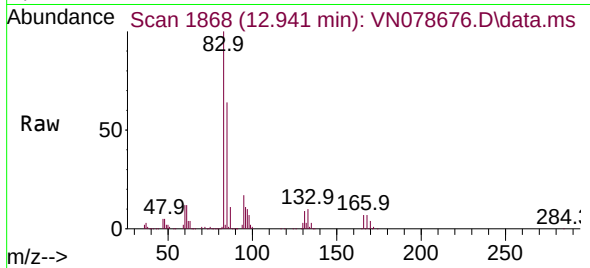
#75
1,1,2,2-Tetrachloroethane
Concen: 54.829 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 437708
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.6 31.9 95.7

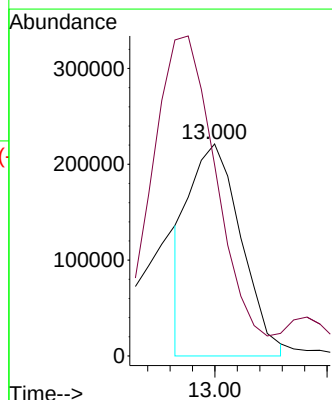
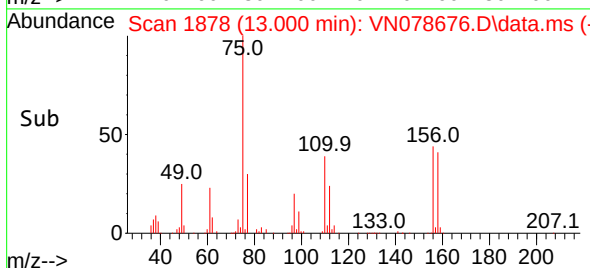
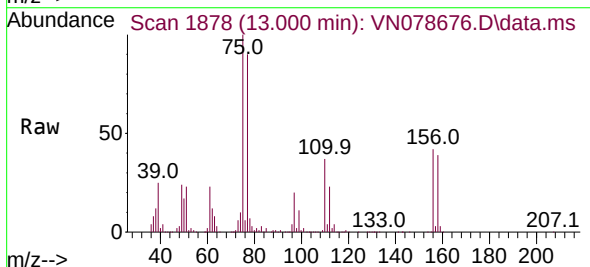
Manual Integrations
APPROVED

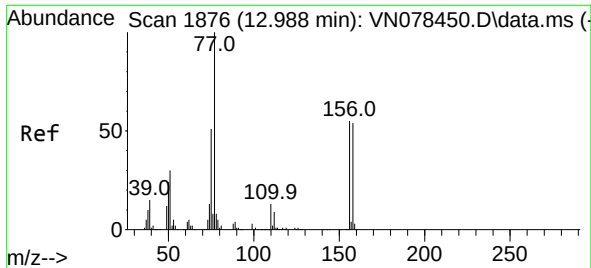
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
1,2,3-Trichloropropane
Concen: 48.212 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

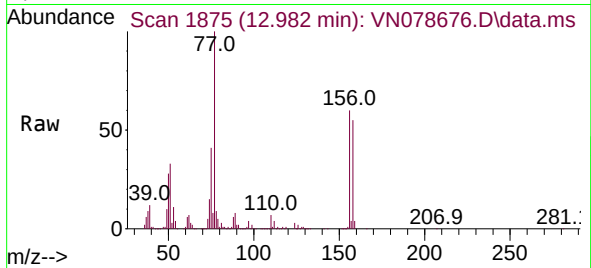
Tgt Ion: 75 Resp: 356419
Ion Ratio Lower Upper
75 100
77 192.1 84.5 253.5





#77
Bromobenzene
Concen: 55.163 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

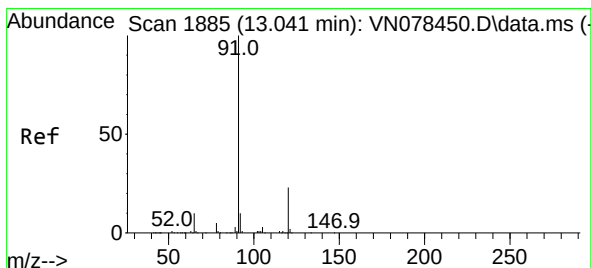
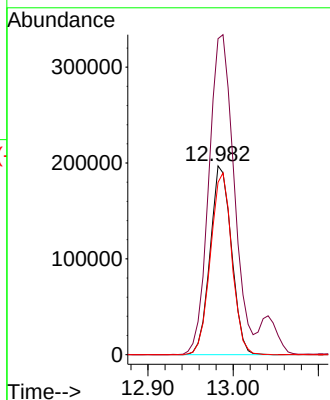
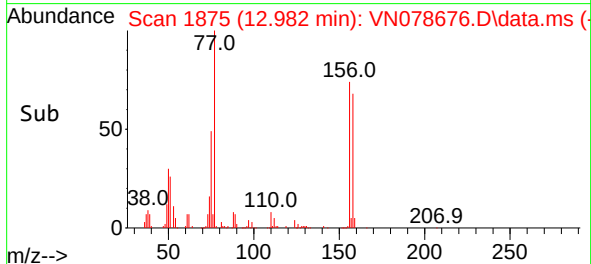
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



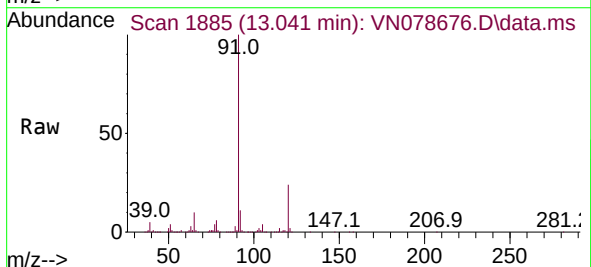
Tgt Ion:156 Resp: 343758
Ion Ratio Lower Upper
156 100
77 199.1 107.7 323.3
158 96.1 48.4 145.3

Manual Integrations
APPROVED

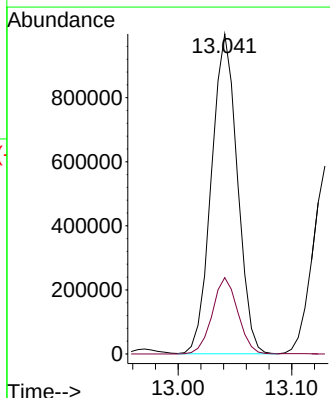
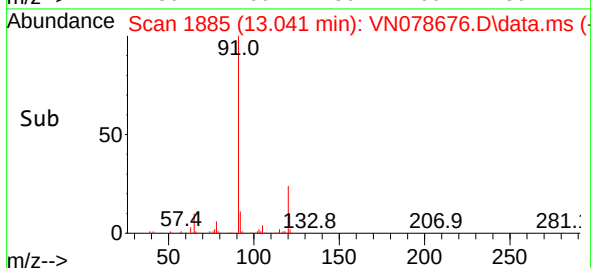
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

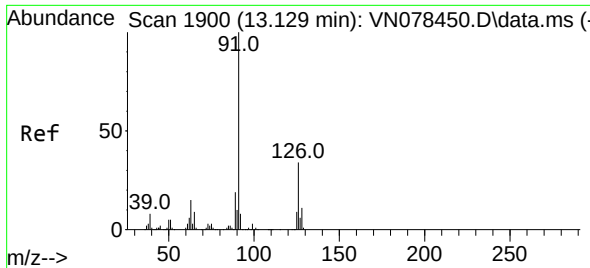


#78
n-propylbenzene
Concen: 51.582 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



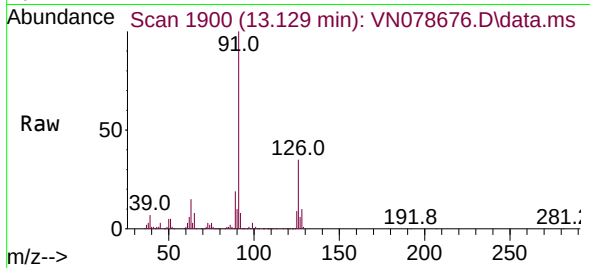
Tgt Ion: 91 Resp: 1585355
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.364 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

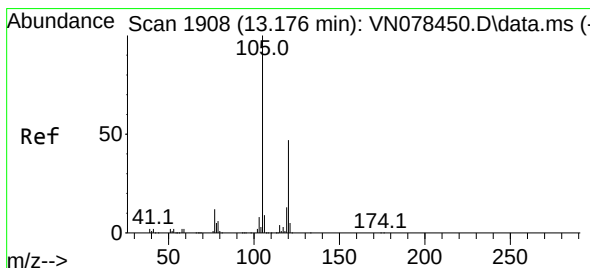
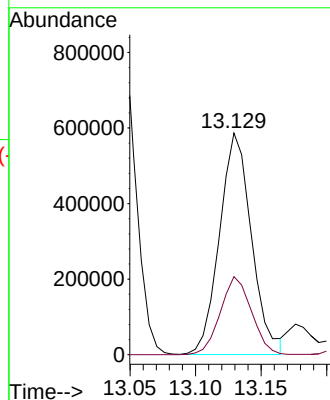
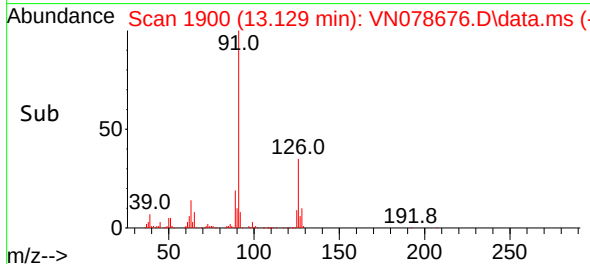
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



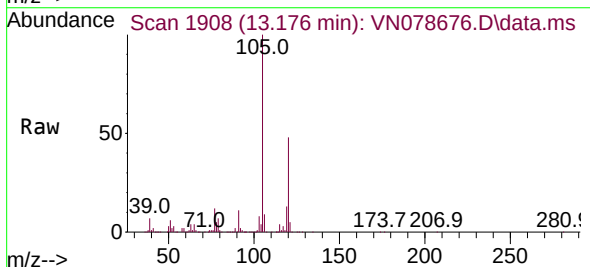
Tgt Ion: 91 Resp: 993789
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

Manual Integrations
APPROVED

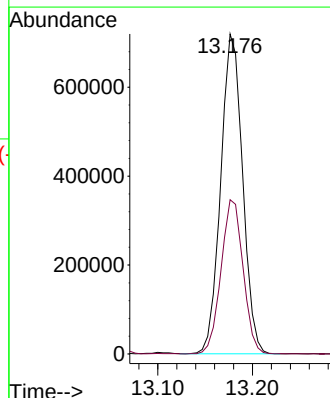
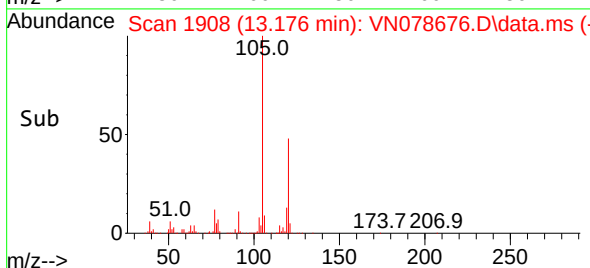
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

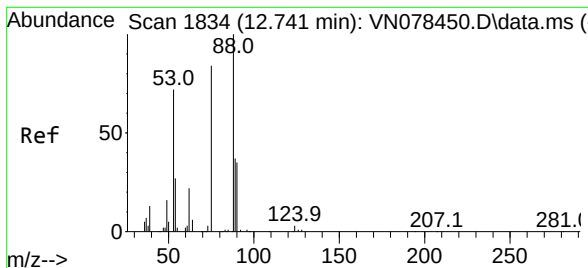


#80
1,3,5-Trimethylbenzene
Concen: 50.882 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



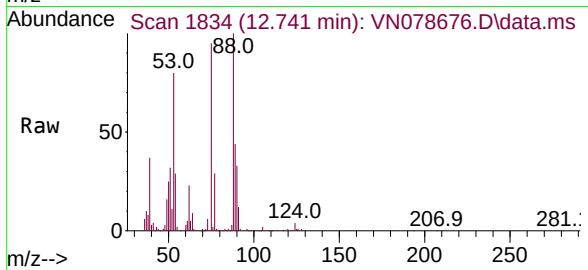
Tgt Ion:105 Resp: 1155393
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.835 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

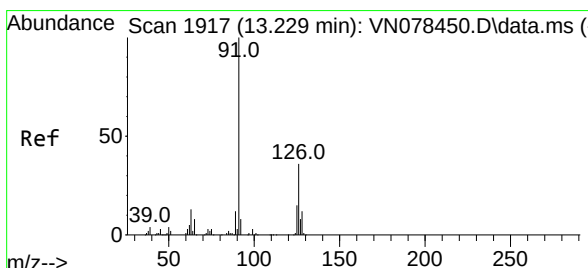
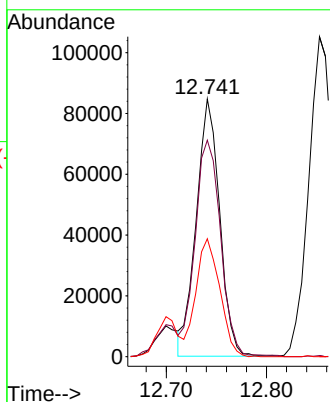
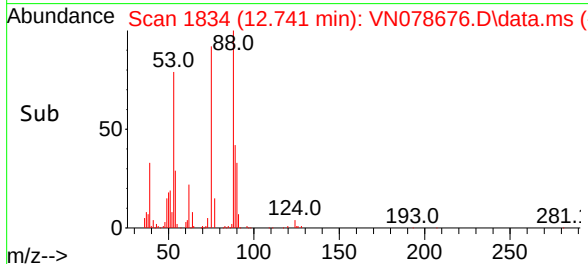
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 137388
Ion Ratio Lower Upper
75 100
53 92.3 67.4 101.2
89 46.6 38.8 58.2

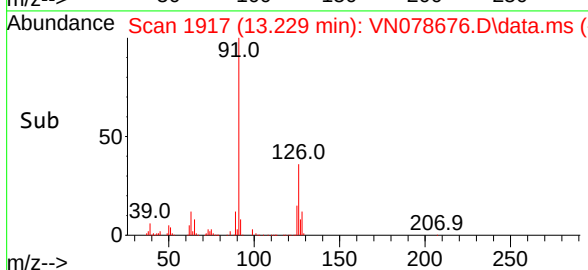
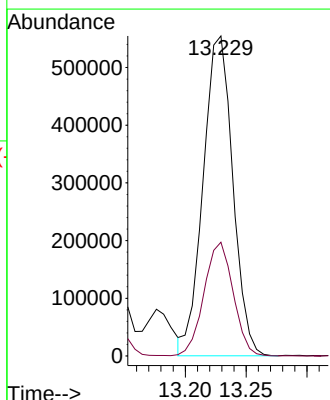
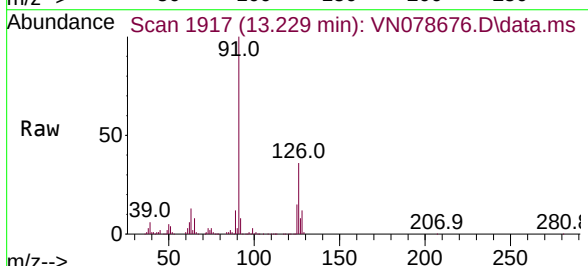
Manual Integrations
APPROVED

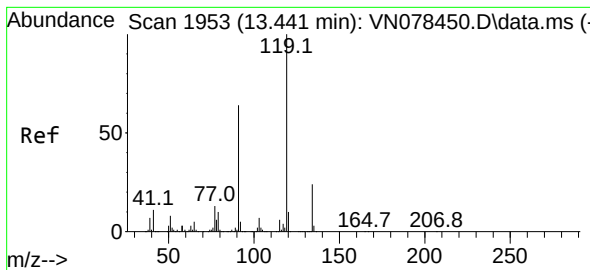
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 50.091 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

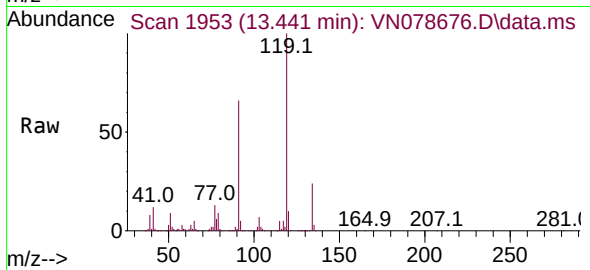
Tgt Ion: 91 Resp: 940715
Ion Ratio Lower Upper
91 100
126 35.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.970 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

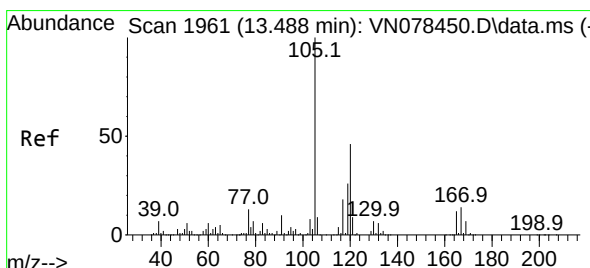
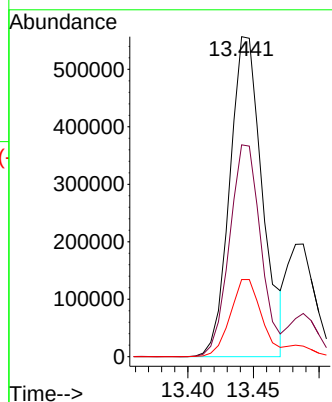
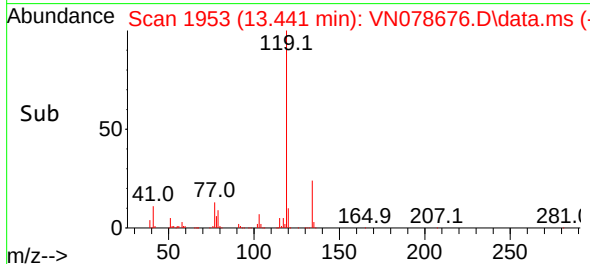
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



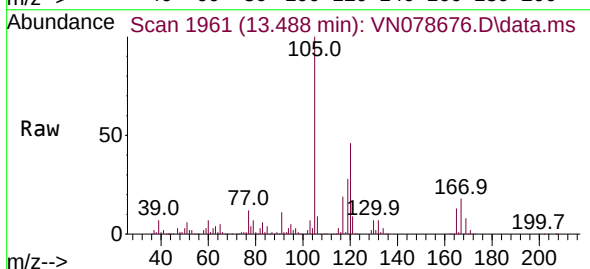
Tgt Ion:119 Resp: 963358
Ion Ratio Lower Upper
119 100
91 64.0 33.9 101.7
134 23.8 13.2 39.6

Manual Integrations
APPROVED

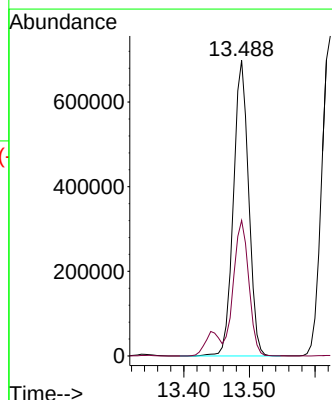
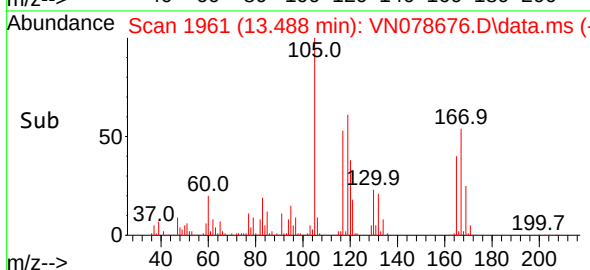
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

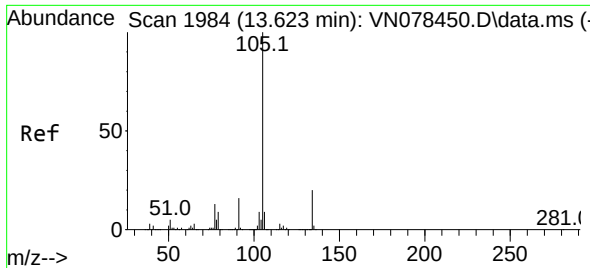


#84
1,2,4-Trimethylbenzene
Concen: 51.087 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



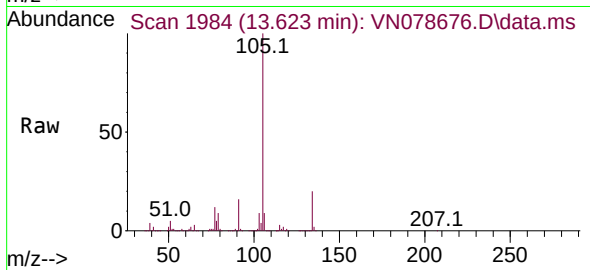
Tgt Ion:105 Resp: 1126793
Ion Ratio Lower Upper
105 100
120 46.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.182 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23

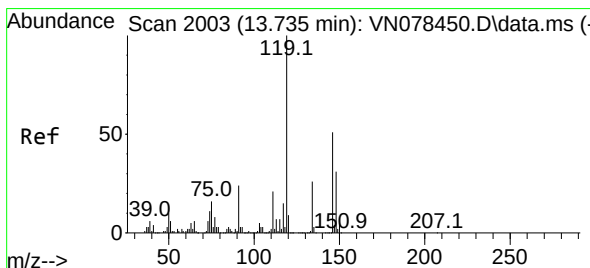
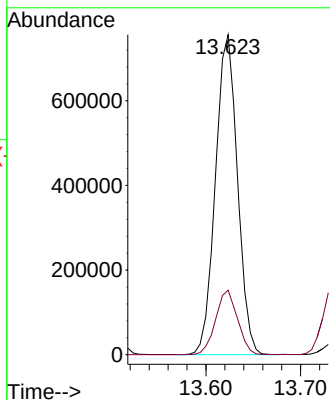
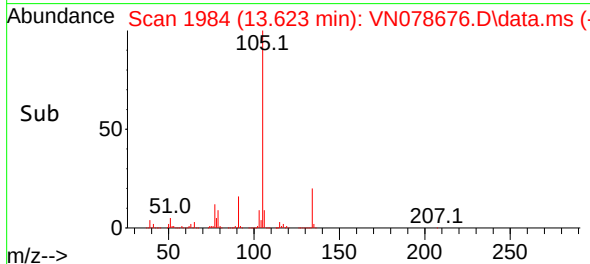
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1222844
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

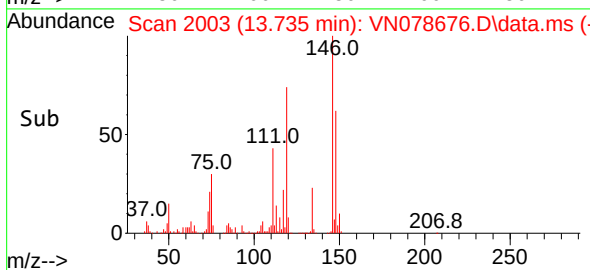
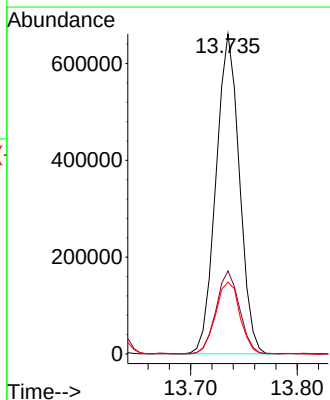
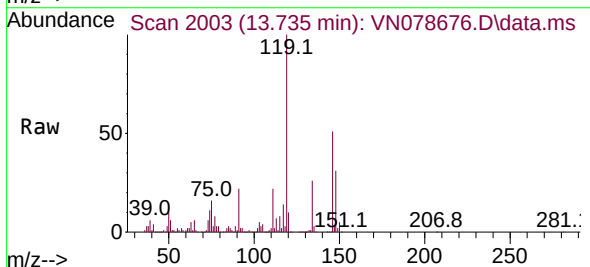
Manual Integrations
 APPROVED

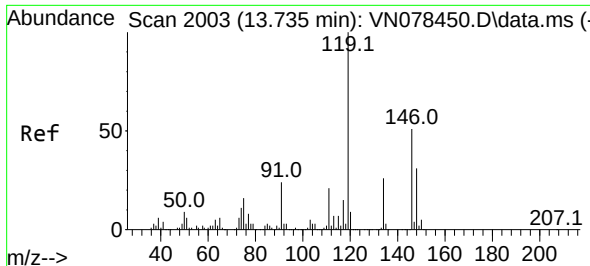
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 51.499 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078676.D
 Acq: 28 Jul 2023 10:23

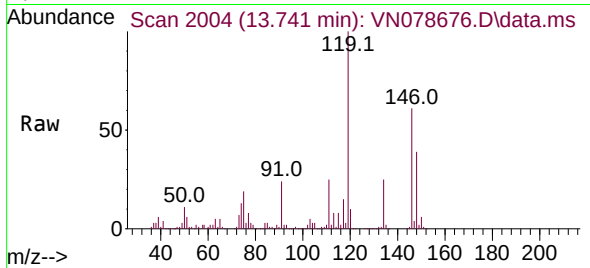
Tgt Ion:119 Resp: 1007679
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 52.088 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

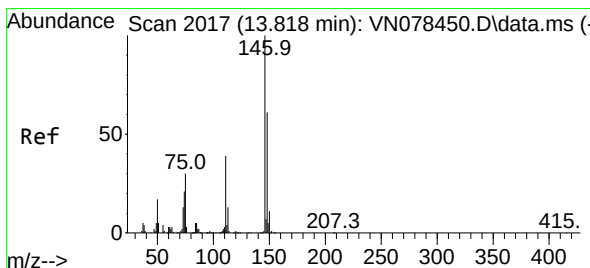
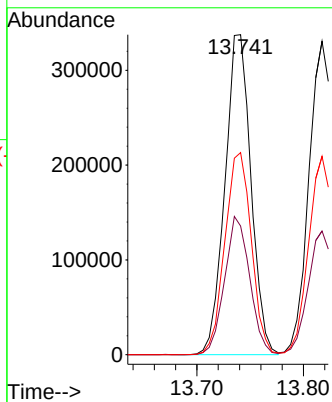
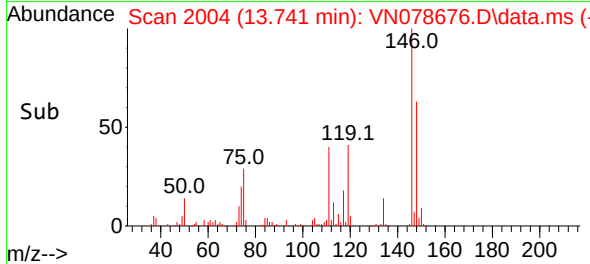
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 57467
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 64.2 32.0 96.0

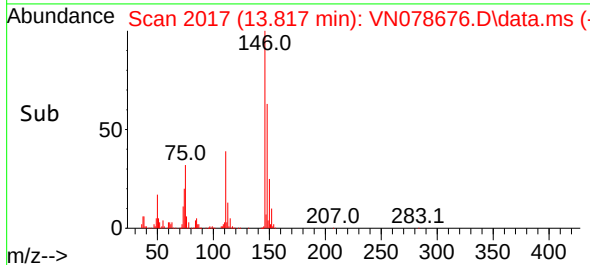
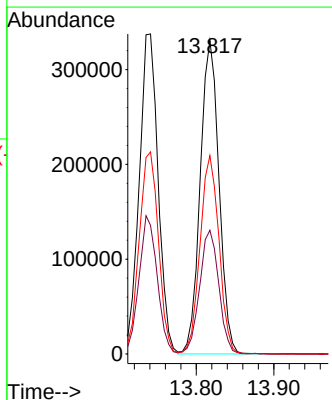
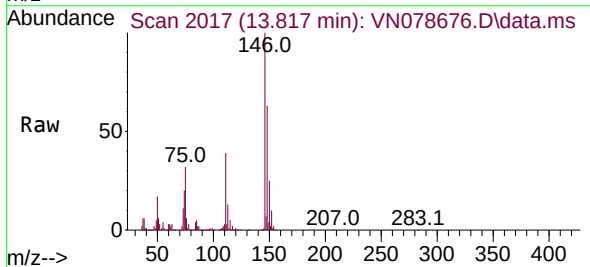
Manual Integrations
APPROVED

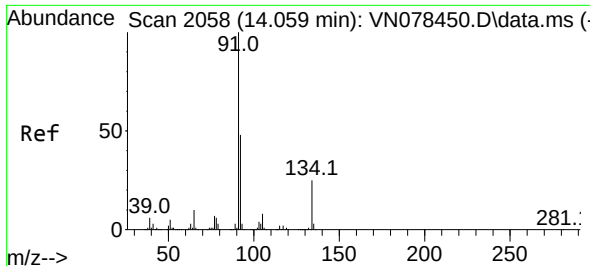
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
1,4-Dichlorobenzene
Concen: 50.135 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

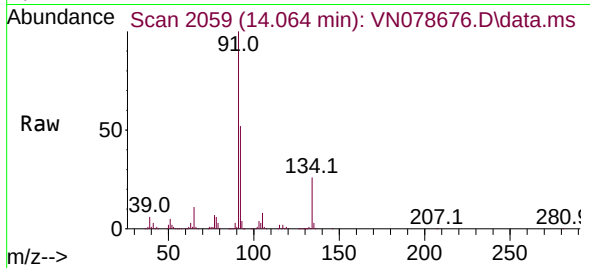
Tgt Ion:146 Resp: 557135
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 53.129 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

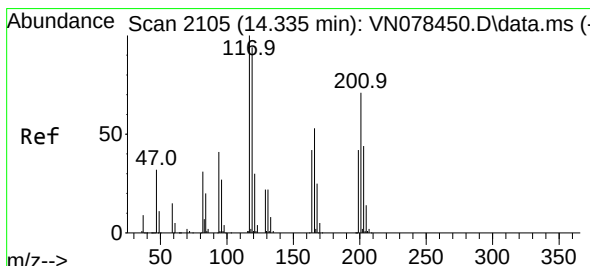
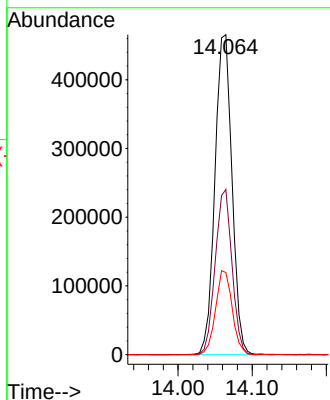
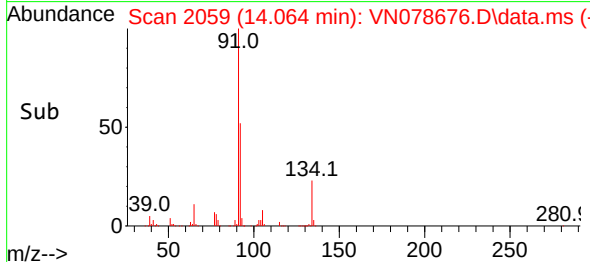
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 743815
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.7 12.6 37.6

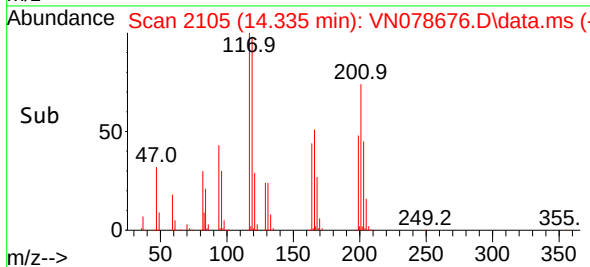
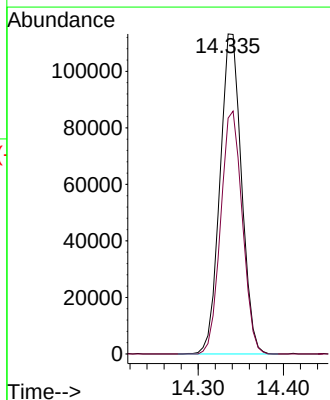
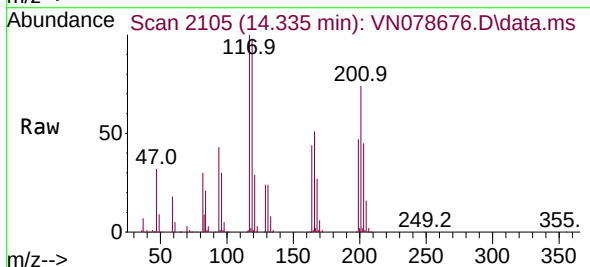
Manual Integrations
APPROVED

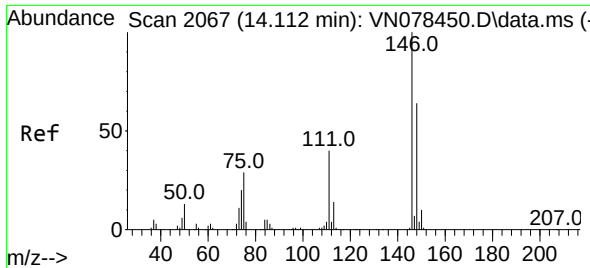
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
Hexachloroethane
Concen: 55.304 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Tgt Ion:117 Resp: 198584
Ion Ratio Lower Upper
117 100
201 76.1 29.3 88.0





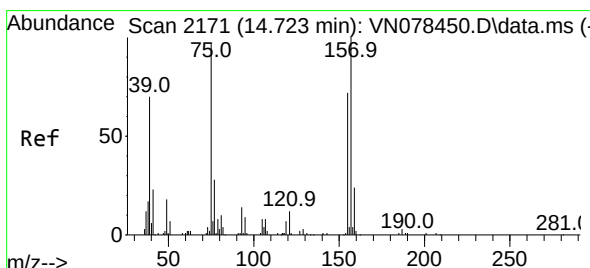
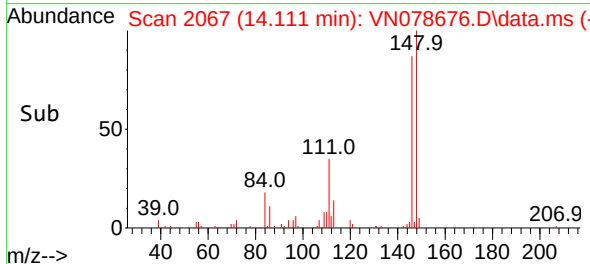
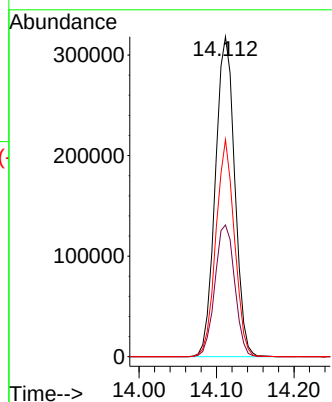
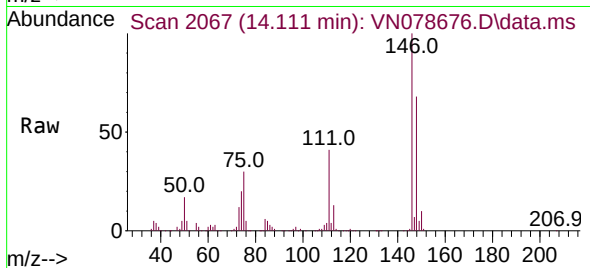
#91
1,2-Dichlorobenzene
Concen: 50.381 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 55316
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 64.8 31.8 95.3

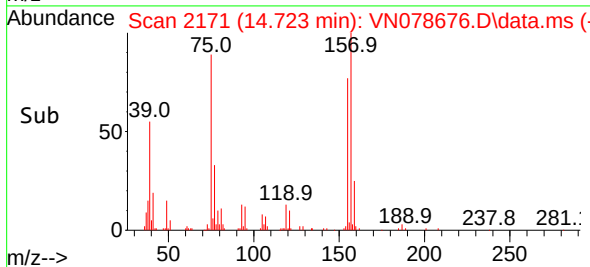
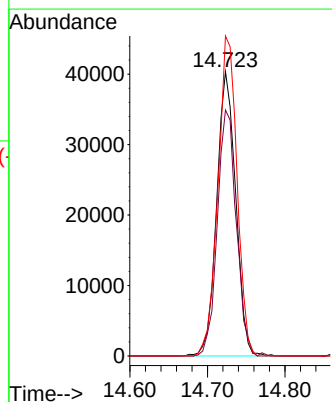
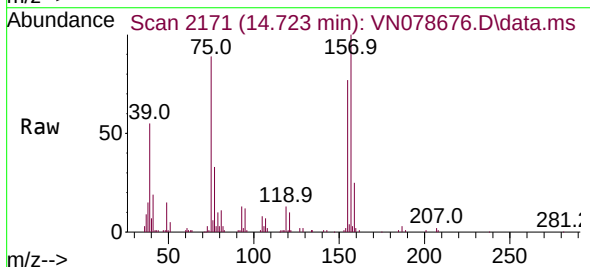
Manual Integrations
APPROVED

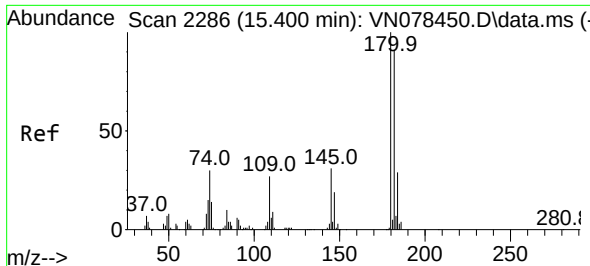
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.889 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

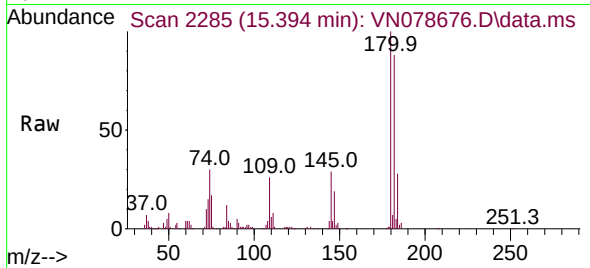
Tgt Ion: 75 Resp: 68645
Ion Ratio Lower Upper
75 100
155 86.4 39.1 117.2
157 113.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.313 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

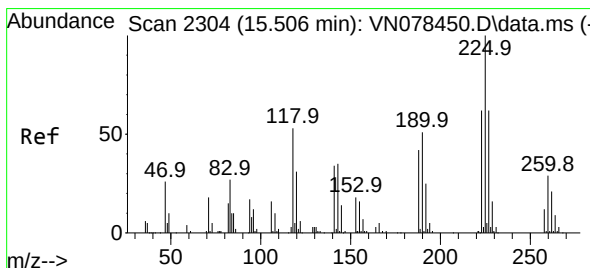
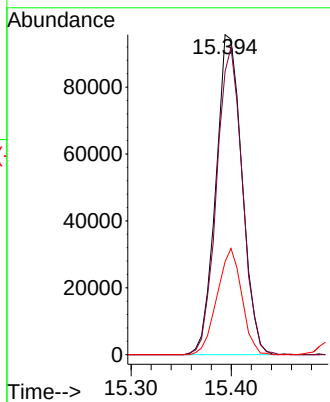
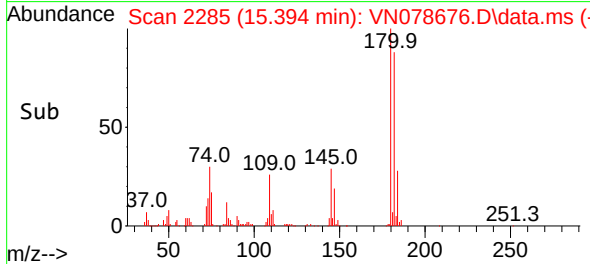
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 172800
Ion Ratio Lower Upper
180 100
182 94.9 46.1 138.2
145 31.4 16.6 49.8

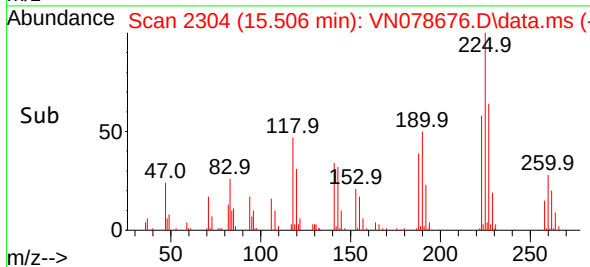
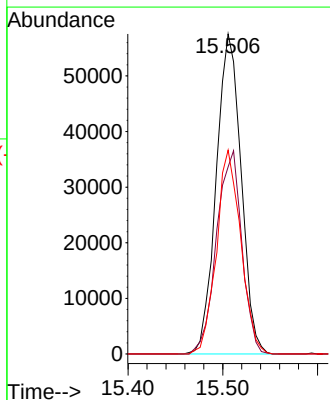
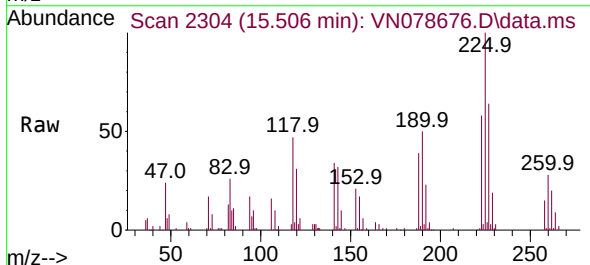
Manual Integrations
APPROVED

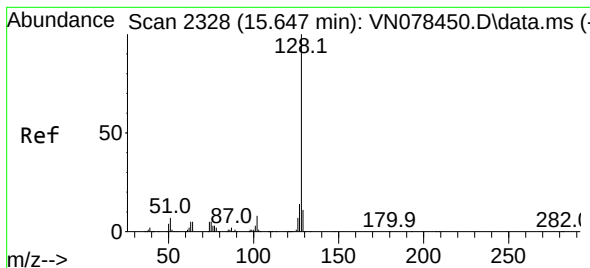
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#94
Hexachlorobutadiene
Concen: 58.671 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

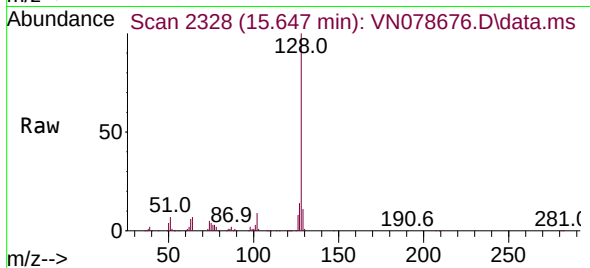
Tgt Ion:225 Resp: 105056
Ion Ratio Lower Upper
225 100
223 64.4 31.3 93.8
227 62.3 31.9 95.9





#95
Naphthalene
Concen: 41.805 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23

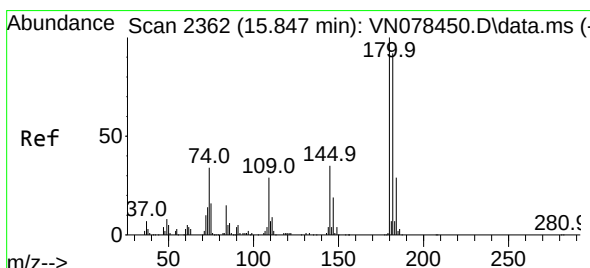
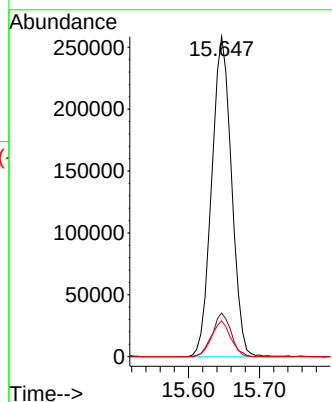
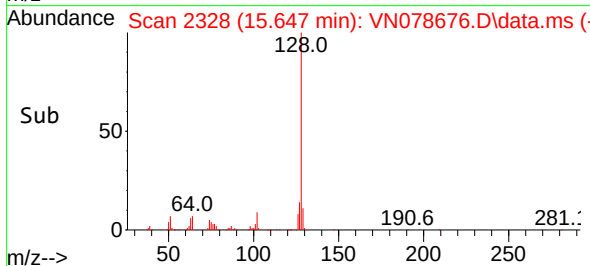
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



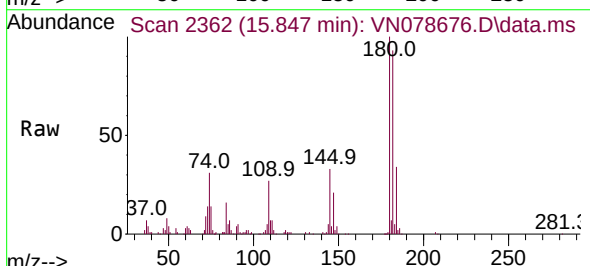
Tgt Ion:128 Resp: 500809
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.494 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078676.D
Acq: 28 Jul 2023 10:23



Tgt Ion:180 Resp: 187336
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 33.8 17.5 52.6

