

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078630.D
 Acq On : 24 Jul 2023 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 03:08:43 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	516369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	831990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	743572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	315325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	320077	46.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.480%		
35) Dibromofluoromethane	8.171	113	295324	52.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	10.570	98	1065898	49.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.920%		
62) 4-Bromofluorobenzene	12.853	95	347620	52.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	258358	40.809	ug/l	99
3) Chloromethane	2.371	50	311011	45.197	ug/l	98
4) Vinyl Chloride	2.524	62	415334	46.659	ug/l	100
5) Bromomethane	2.953	94	278325	49.371	ug/l	96
6) Chloroethane	3.124	64	287337	53.496	ug/l	96
7) Trichlorofluoromethane	3.500	101	498939	46.889	ug/l	99
8) Diethyl Ether	3.971	74	172811	48.745	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	274000	48.644	ug/l	94
10) Methyl Iodide	4.600	142	381831	49.330	ug/l	97
11) Tert butyl alcohol	5.530	59	236223	221.293	ug/l	99
12) 1,1-Dichloroethene	4.347	96	263119	48.291	ug/l	92
13) Acrolein	4.189	56	264229	251.588	ug/l	94
14) Allyl chloride	5.036	41	339298	45.573	ug/l	94
15) Acrylonitrile	5.730	53	634828	235.376	ug/l	99
16) Acetone	4.436	43	612902	284.231	ug/l	97
17) Carbon Disulfide	4.724	76	612266	38.860	ug/l	100
18) Methyl Acetate	5.036	43	429573	47.060	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	915315	50.986	ug/l	96
20) Methylene Chloride	5.283	84	316606	51.217	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	283782	46.219	ug/l	87
22) Diisopropyl ether	6.683	45	870539	52.219	ug/l	96
23) Vinyl Acetate	6.612	43	2642842	249.364	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	549459	48.913	ug/l	99
25) 2-Butanone	7.494	43	845420	249.064	ug/l	90
26) 2,2-Dichloropropane	7.500	77	500655	54.492	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	356435	50.182	ug/l	93
28) Bromochloromethane	7.818	49	263468	49.796	ug/l	95
29) Tetrahydrofuran	7.847	42	502436	225.582	ug/l	87
30) Chloroform	7.971	83	604411	51.680	ug/l	93
31) Cyclohexane	8.265	56	401197	42.884	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	535852	51.104	ug/l	98
36) 1,1-Dichloropropene	8.377	75	424813	52.093	ug/l	97
37) Ethyl Acetate	7.565	43	334460	49.199	ug/l #	95
38) Carbon Tetrachloride	8.371	117	475161	53.611	ug/l	99
39) Methylcyclohexane	9.606	83	385657	51.809	ug/l	93
40) Benzene	8.612	78	1283283	53.117	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	177238	51.143	ug/l	95
42) 1,2-Dichloroethane	8.676	62	432420	52.621	ug/l	99
43) Isopropyl Acetate	8.694	43	615132	54.961	ug/l	95
44) Trichloroethene	9.359	130	338849	52.039	ug/l	99
45) 1,2-Dichloropropane	9.629	63	332709	54.373	ug/l	92
46) Dibromomethane	9.718	93	232663	54.023	ug/l	89
47) Bromodichloromethane	9.894	83	479860	55.583	ug/l	97
48) Methyl methacrylate	9.682	41	275890	53.207	ug/l	88
49) 1,4-Dioxane	9.700	88	107921	954.377	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1727758	259.531	ug/l	95
52) Toluene	10.635	92	822469	54.928	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	503926	56.977	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	543075	57.605	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	333844	56.588	ug/l	96
56) Ethyl methacrylate	10.876	69	471392	57.160	ug/l	94
57) 1,3-Dichloropropane	11.170	76	547908	54.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	827502	281.563	ug/l	94
59) 2-Hexanone	11.200	43	1255450	265.346	ug/l	92
60) Dibromochloromethane	11.365	129	376876	57.866	ug/l	98
61) 1,2-Dibromoethane	11.476	107	333173	54.823	ug/l	99
64) Tetrachloroethene	11.112	164	282982	50.620	ug/l	95
65) Chlorobenzene	11.900	112	887251	53.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	356537	55.762	ug/l	97
67) Ethyl Benzene	11.970	91	1570262	55.893	ug/l	100
68) m/p-Xylenes	12.076	106	1189907	114.554	ug/l	98
69) o-Xylene	12.400	106	577359	55.030	ug/l	96
70) Styrene	12.417	104	965908	58.847	ug/l	98
71) Bromoform	12.582	173	258393	59.671	ug/l #	100
73) Isopropylbenzene	12.700	105	1474763	49.774	ug/l	99
74) N-amyl acetate	12.500	43	473734	46.395	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	456271	55.474	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	350071m	45.930	ug/l	
77) Bromobenzene	12.988	156	358543	55.825	ug/l	93
78) n-propylbenzene	13.041	91	1632870	51.531	ug/l	99
79) 2-Chlorotoluene	13.129	91	1017784	49.037	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1195783	51.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	141222	48.690	ug/l	89
82) 4-Chlorotoluene	13.229	91	983627	50.802	ug/l	97
83) tert-Butylbenzene	13.441	119	1015516	51.093	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1171669	51.525	ug/l	98
85) sec-Butylbenzene	13.623	105	1268796	50.503	ug/l	99
86) p-Isopropyltoluene	13.735	119	1048762	51.989	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	616214	54.175	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	591346	51.614	ug/l	98
89) n-Butylbenzene	14.058	91	777425	53.861	ug/l	98
90) Hexachloroethane	14.341	117	200866	54.244	ug/l	80
91) 1,2-Dichlorobenzene	14.111	146	595000	52.563	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67803	47.713	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	191008	52.871	ug/l	96
94) Hexachlorobutadiene	15.505	225	110455	59.922	ug/l	99
95) Naphthalene	15.647	128	563534	45.628	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	213411	51.374	ug/l	98

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VSTDCCC050

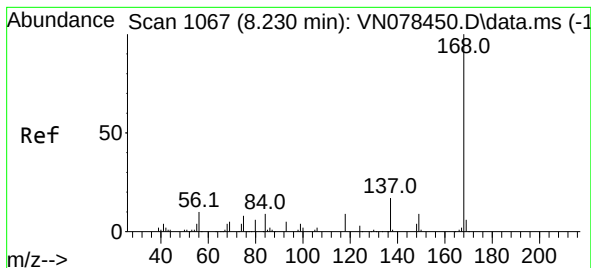
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/25/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

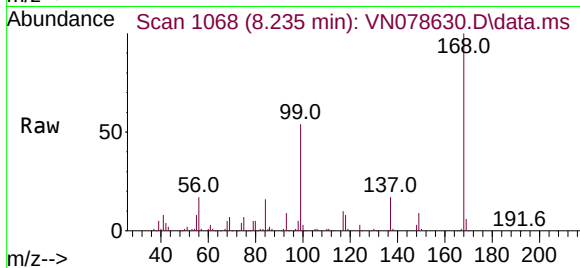
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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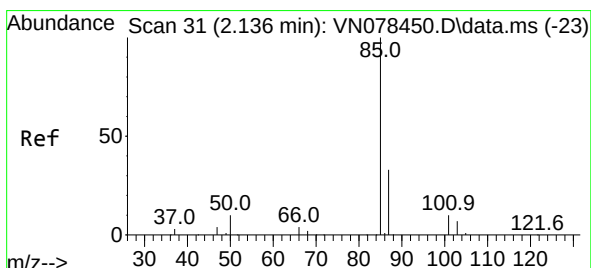
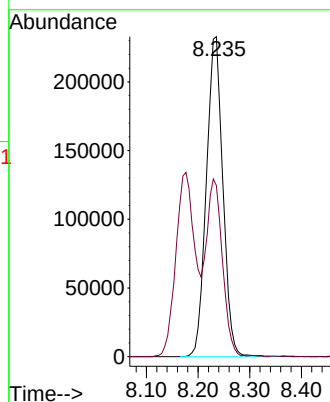
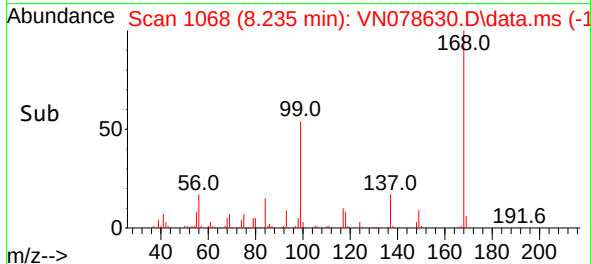
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 516369
Ion Ratio Lower Upper
168 100
99 53.4 53.0 79.6

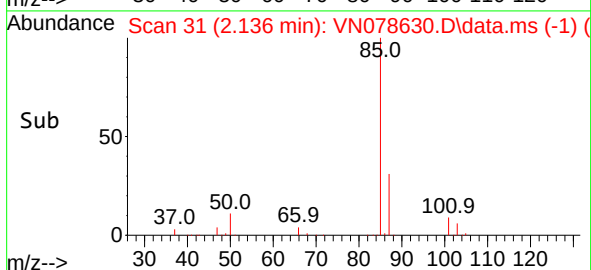
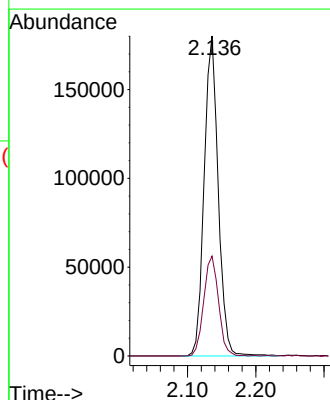
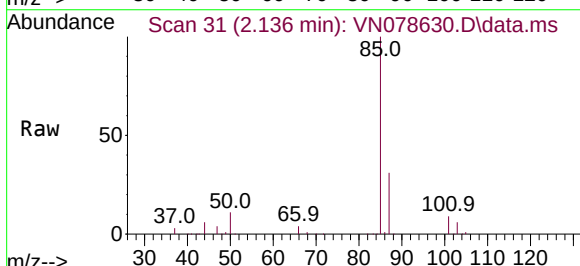
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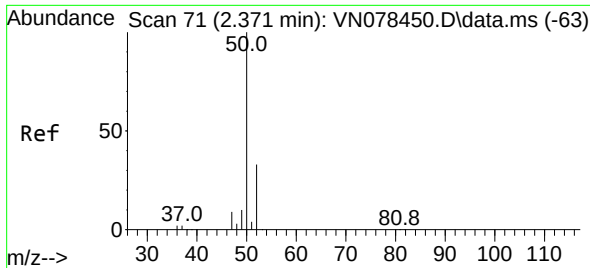
Reviewed By :John Carlone 07/25/2023
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#2
Dichlorodifluoromethane
Concen: 40.809 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 85 Resp: 258358
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





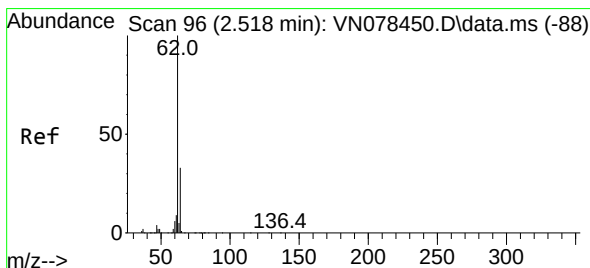
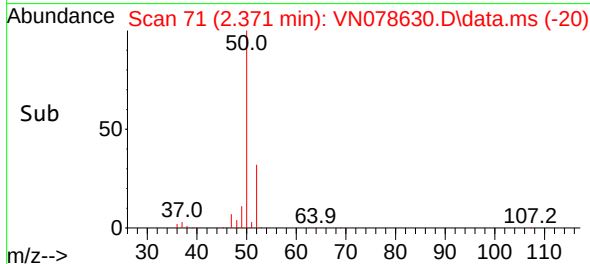
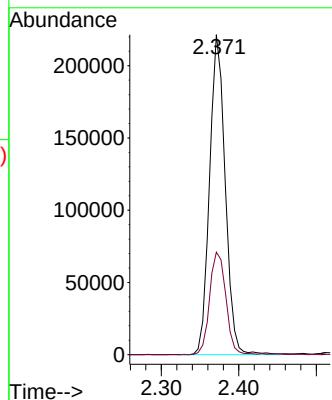
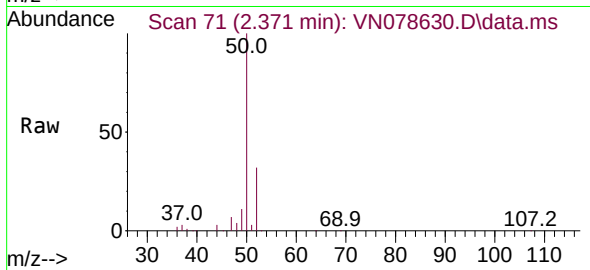
#3
Chloromethane
Concen: 45.197 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

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Tgt Ion: 50 Resp: 31101
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

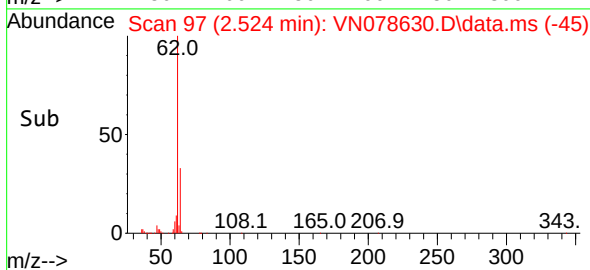
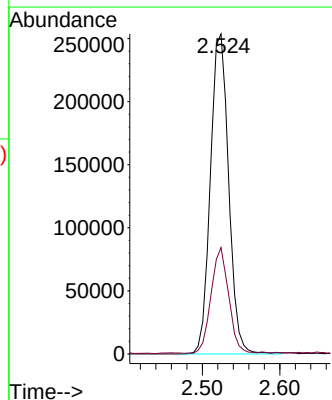
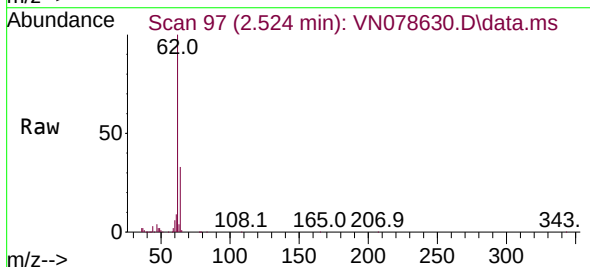
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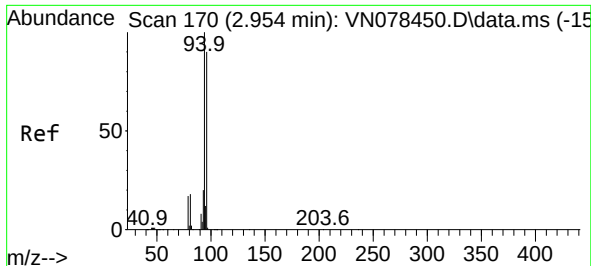
Reviewed By :John Carlone 07/25/2023
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#4
Vinyl Chloride
Concen: 46.659 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

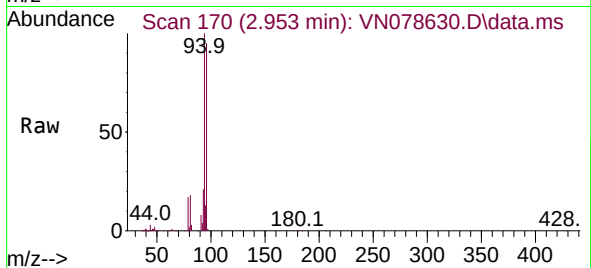
Tgt Ion: 62 Resp: 415334
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 49.371 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

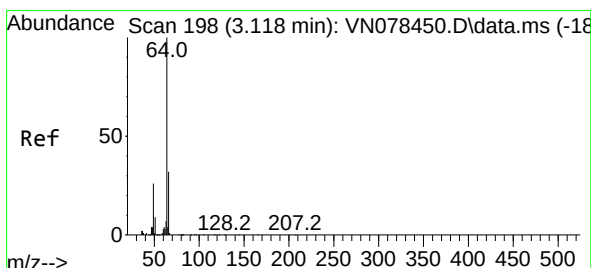
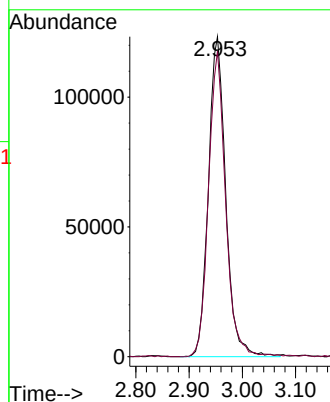
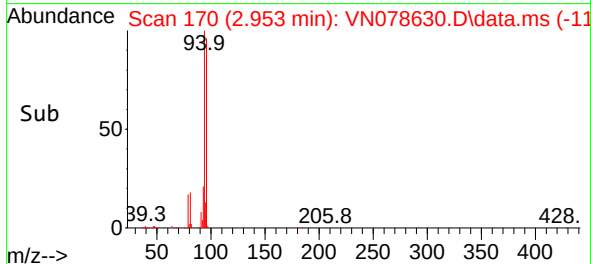
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Tgt Ion: 94 Resp: 278325
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7

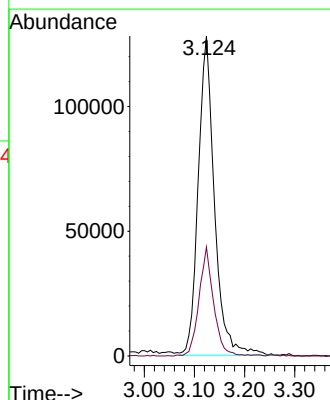
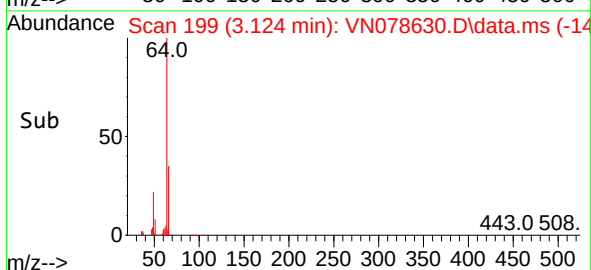
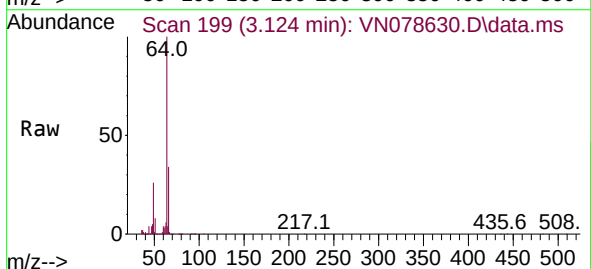
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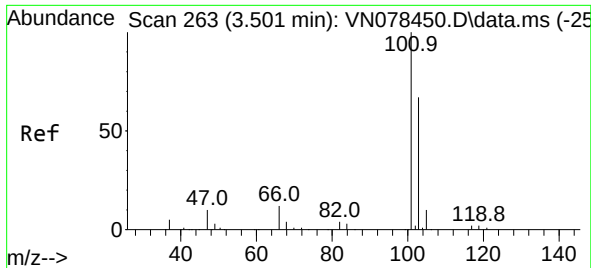
Reviewed By :John Carlone 07/25/2023
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#6
Chloroethane
Concen: 53.496 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 64 Resp: 287337
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.889 ug/l
 RT: 3.500 min Scan# 201
 Delta R.T. -0.001 min
 Lab File: VN078630.D
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Instrument :

MSVOA_N

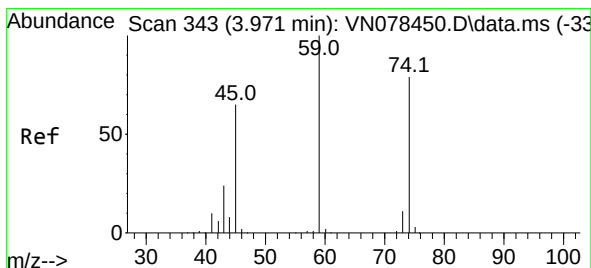
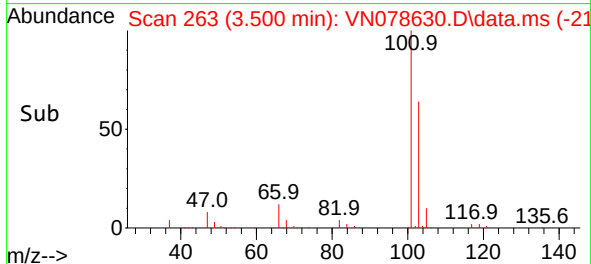
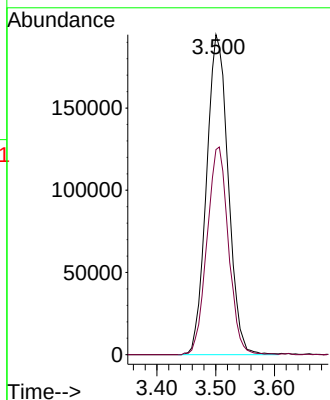
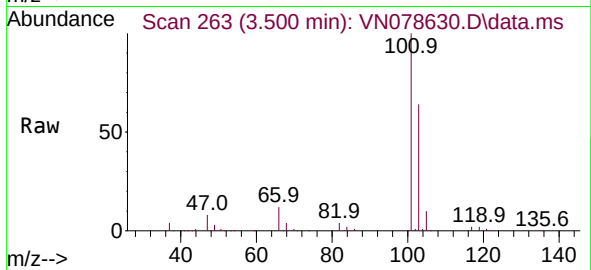
ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 498939
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

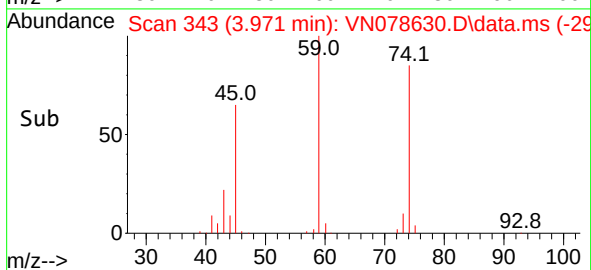
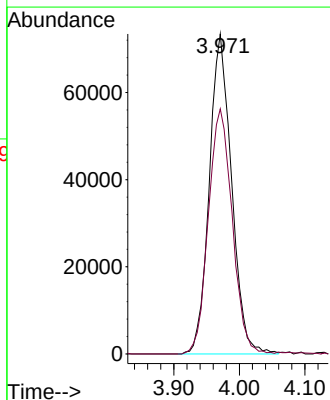
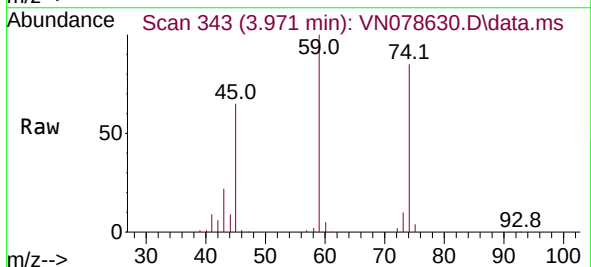
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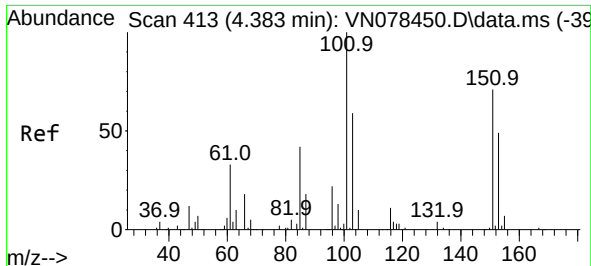
Reviewed By :John Carlone 07/25/2023
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#8
 Diethyl Ether
 Concen: 48.745 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 172811
 Ion Ratio Lower Upper
 74 100
 45 82.3 34.4 103.3





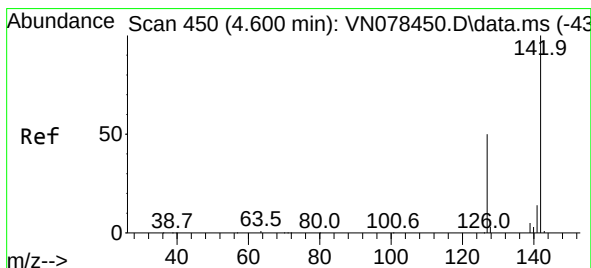
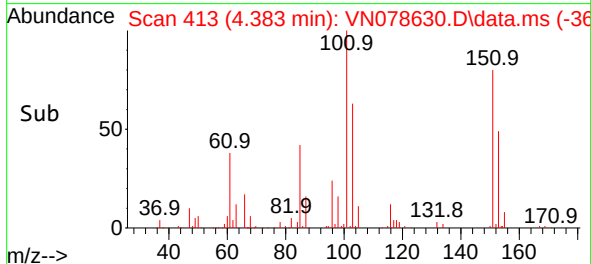
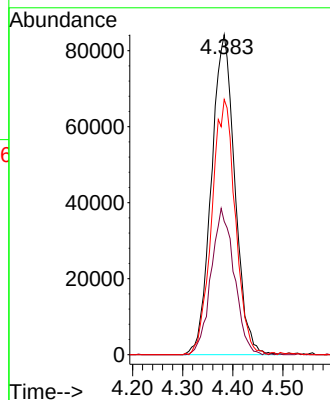
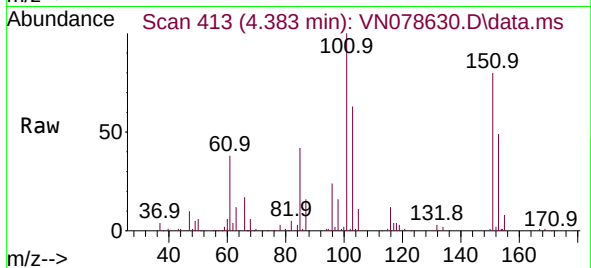
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.644 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 274000
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 80.0 57.6 86.4

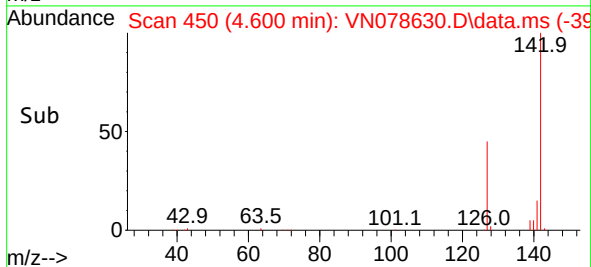
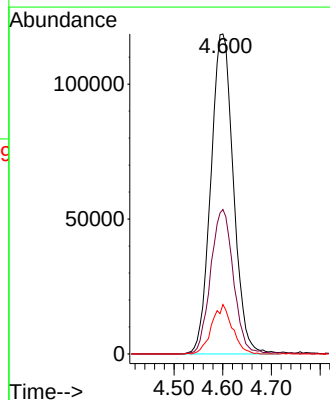
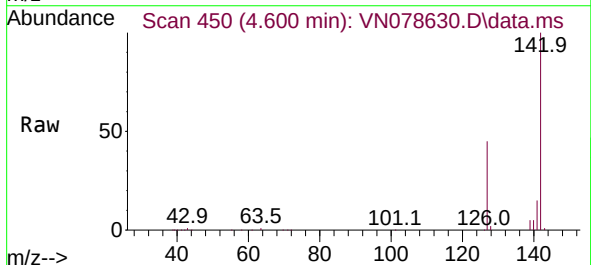
Manual Integrations
APPROVED

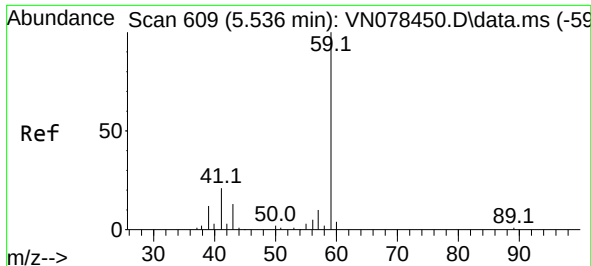
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 49.330 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion:142 Resp: 381831
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 15.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 221.293 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

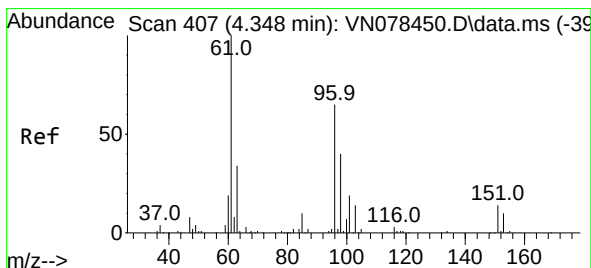
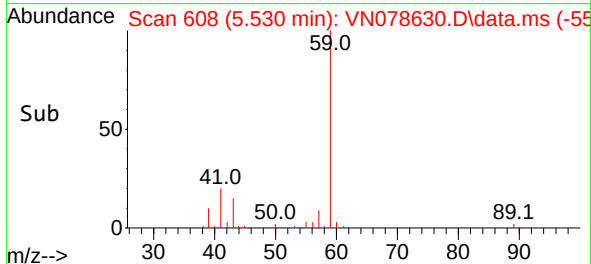
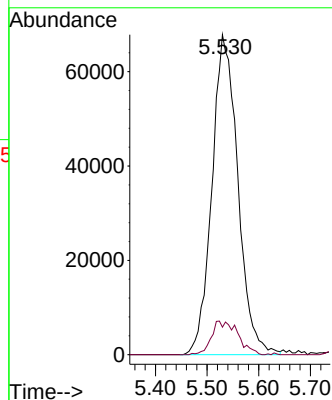
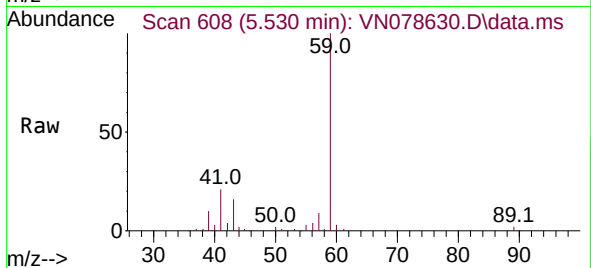
VSTDCCC050

Tgt Ion: 59 Resp: 236223
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations

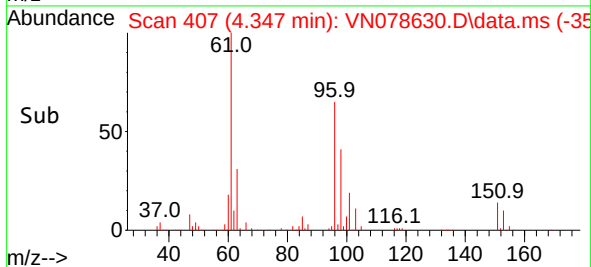
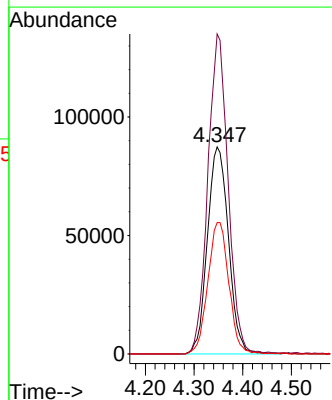
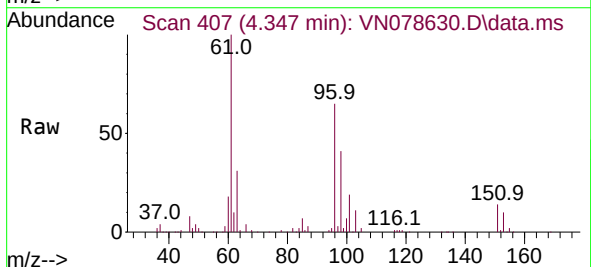
APPROVED

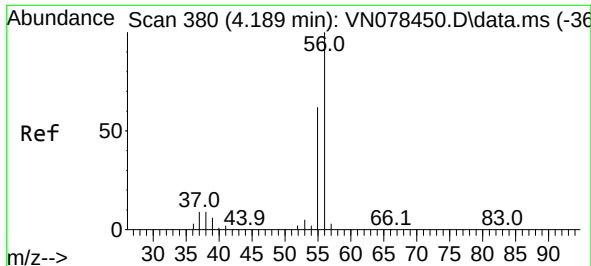
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#12
1,1-Dichloroethene
Concen: 48.291 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 96 Resp: 263119
Ion Ratio Lower Upper
96 100
61 154.5 112.7 169.1
98 63.5 51.2 76.8





#13

Acrolein

Concen: 251.588 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 264229

Ion Ratio Lower Upper

56 100

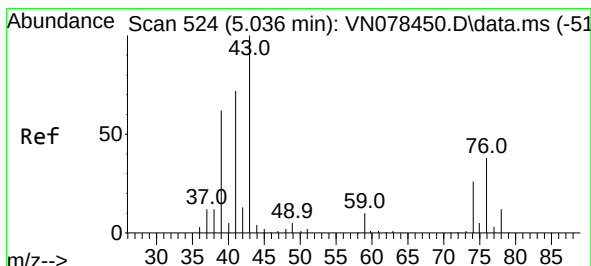
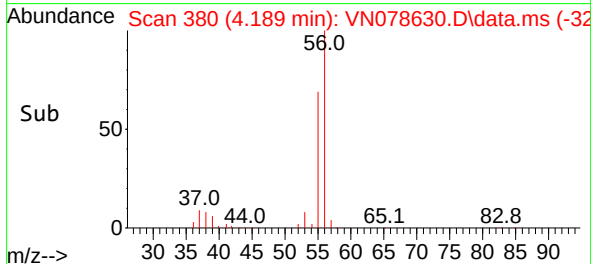
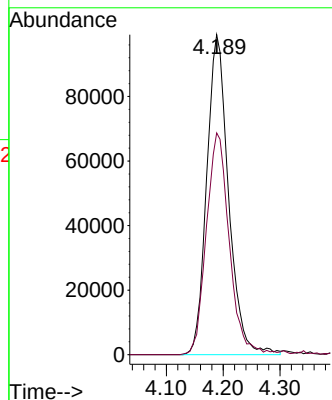
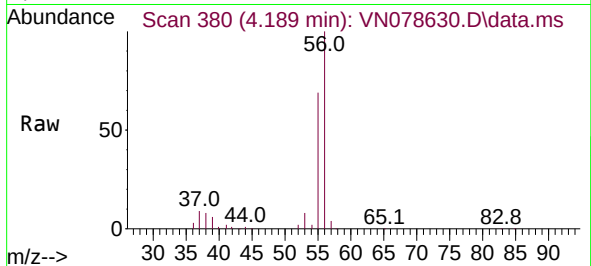
55 72.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#14

Allyl chloride

Concen: 45.573 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

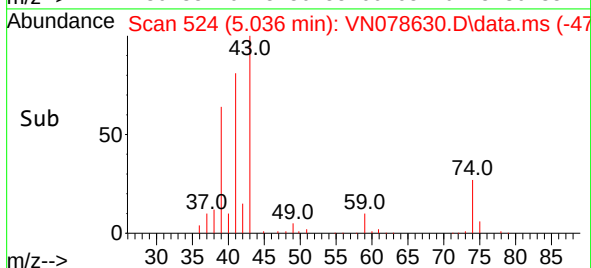
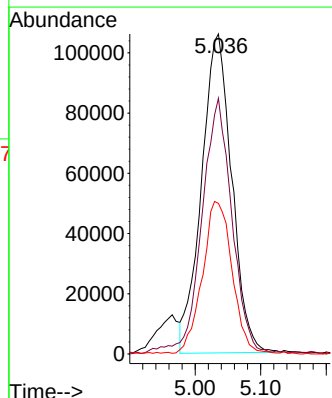
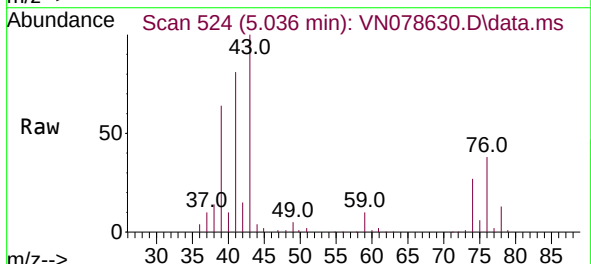
Tgt Ion: 41 Resp: 339298

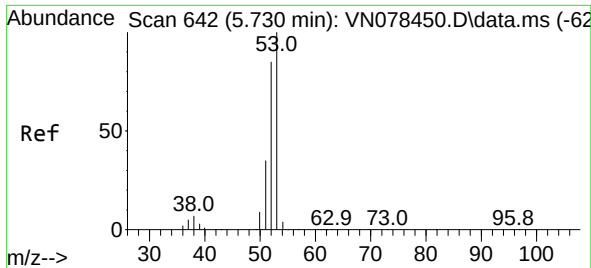
Ion Ratio Lower Upper

41 100

39 80.1 58.8 88.2

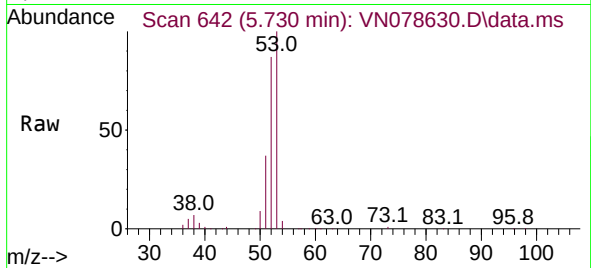
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 235.376 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

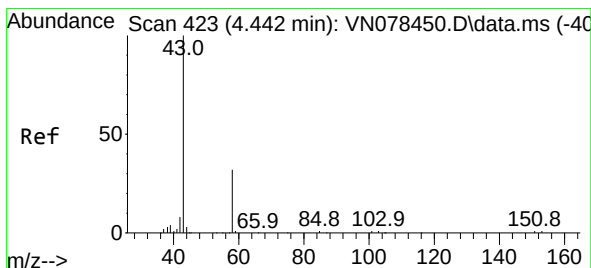
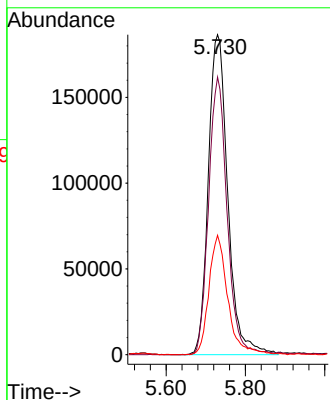
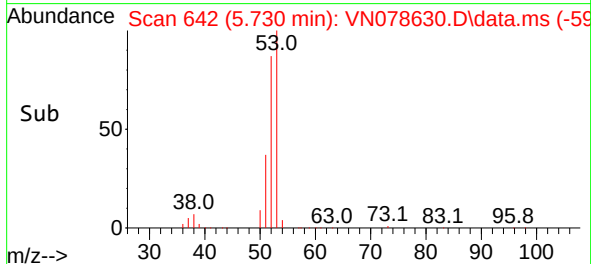
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



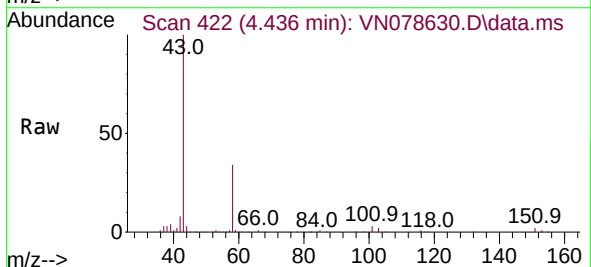
Tgt Ion: 53 Resp: 634828
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.3 28.9 43.3

Manual Integrations
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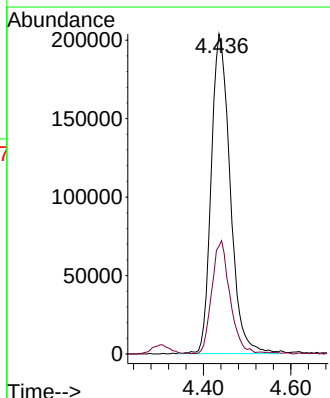
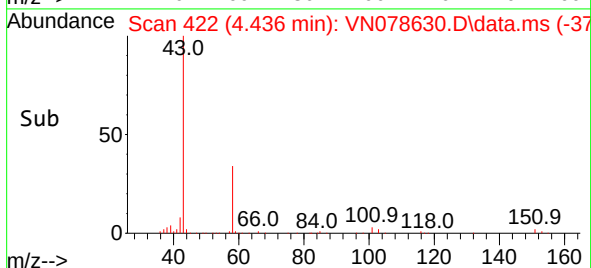
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

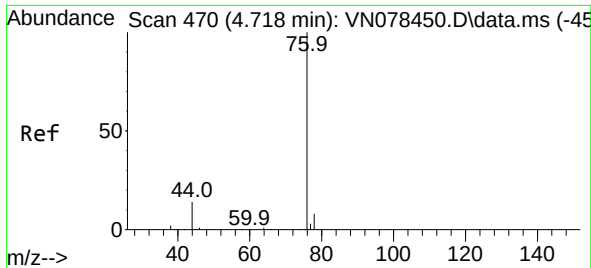


#16
Acetone
Concen: 284.231 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



Tgt Ion: 43 Resp: 612902
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





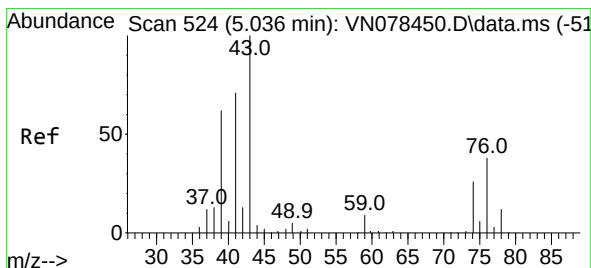
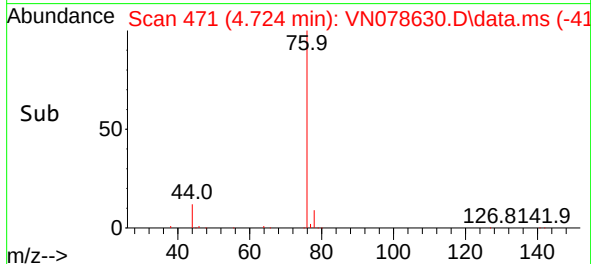
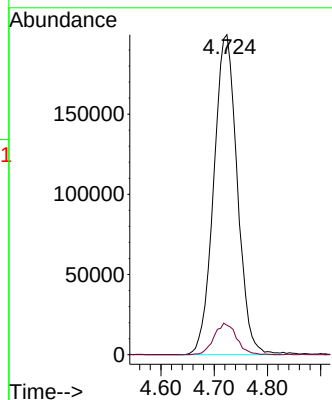
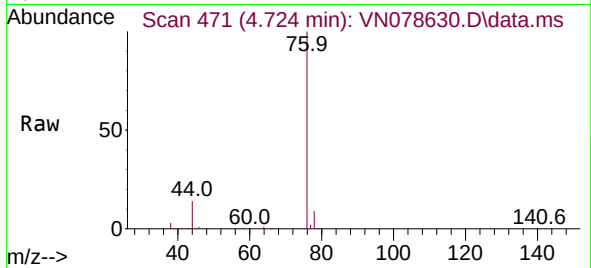
#17
Carbon Disulfide
Concen: 38.860 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 61226
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

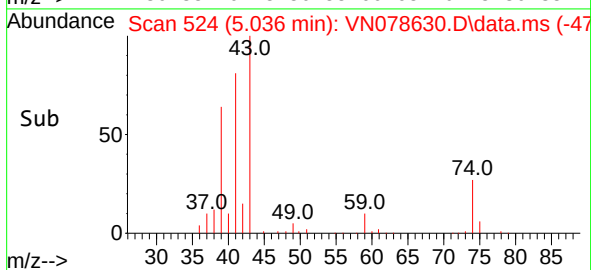
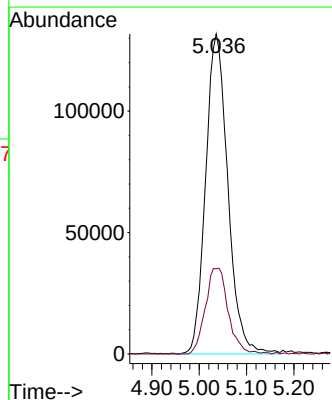
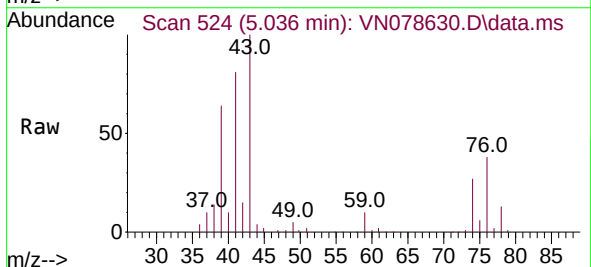
Manual Integrations
APPROVED

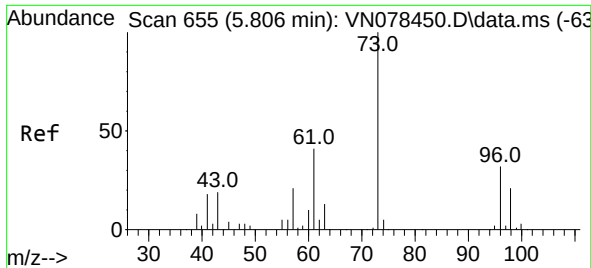
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 47.060 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

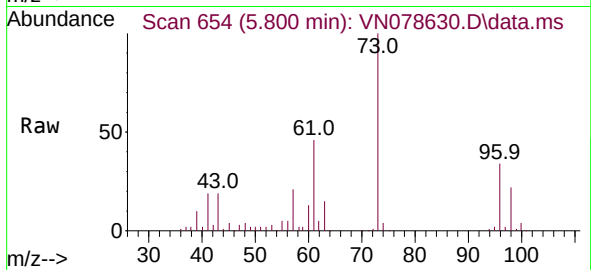
Tgt Ion: 43 Resp: 429573
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.986 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

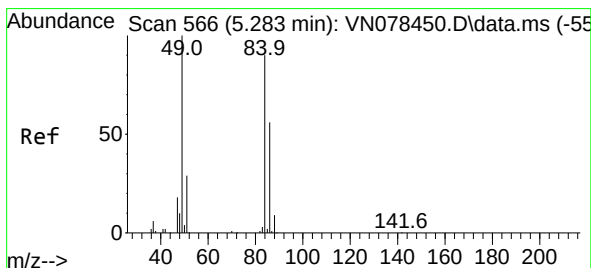
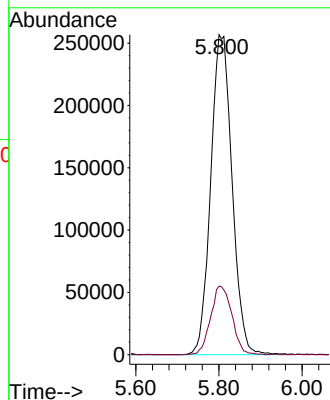
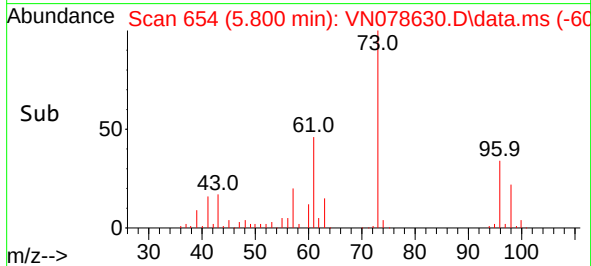
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 91531
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

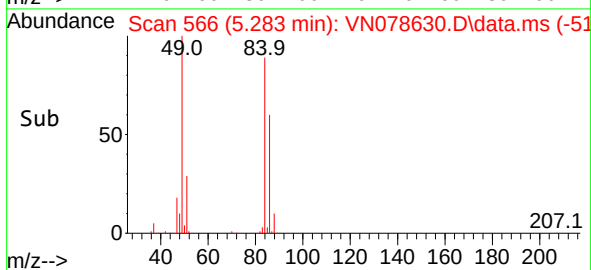
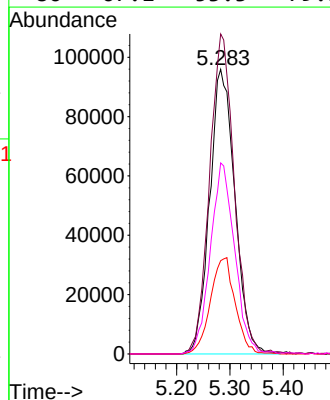
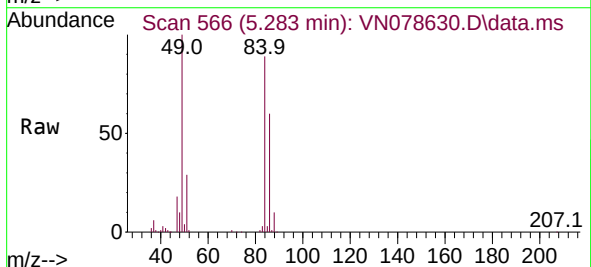
Manual Integrations
APPROVED

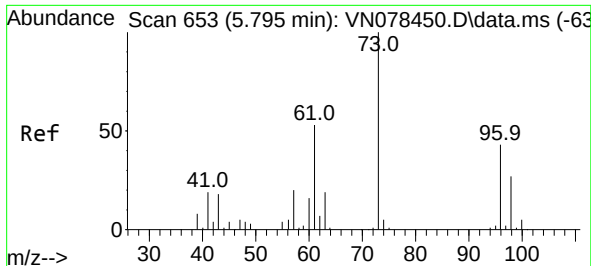
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 51.217 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

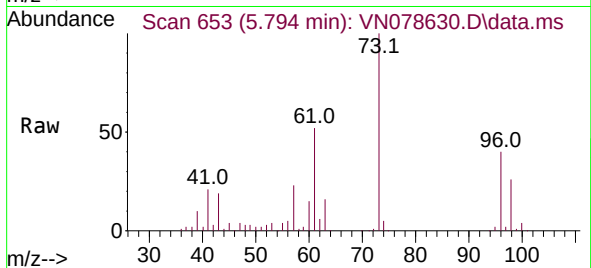
Tgt Ion: 84 Resp: 316606
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 32.8 25.2 37.8
86 67.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.219 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

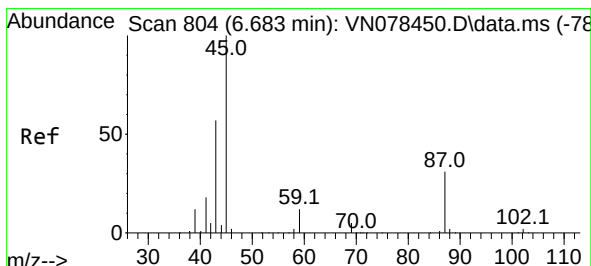
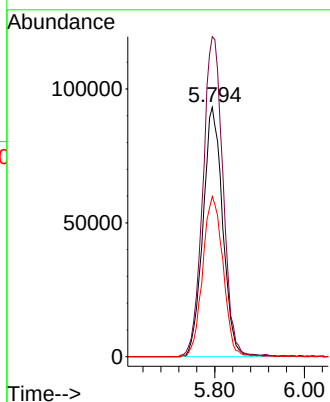
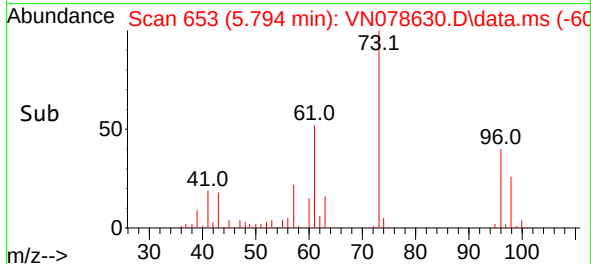
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



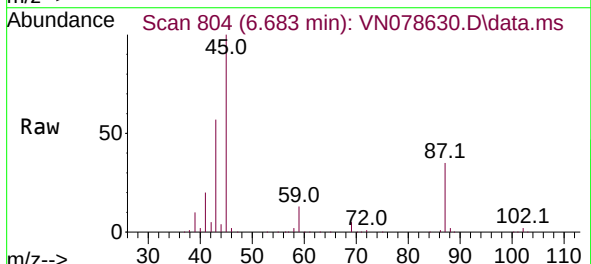
Tgt Ion: 96 Resp: 28378
Ion Ratio Lower Upper
96 100
61 128.3 90.1 135.1
98 64.3 46.4 69.6

Manual Integrations
APPROVED

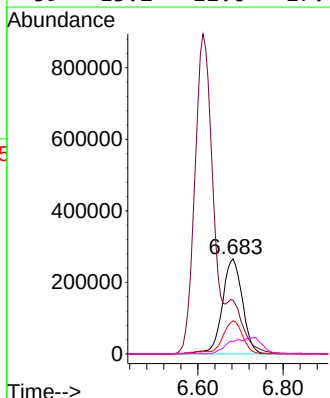
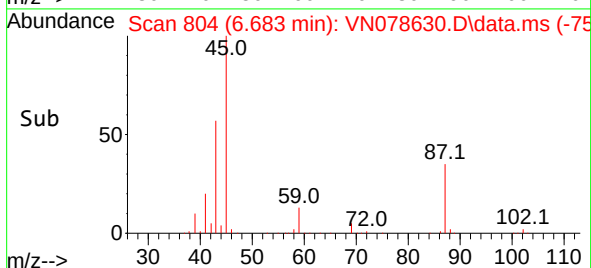
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

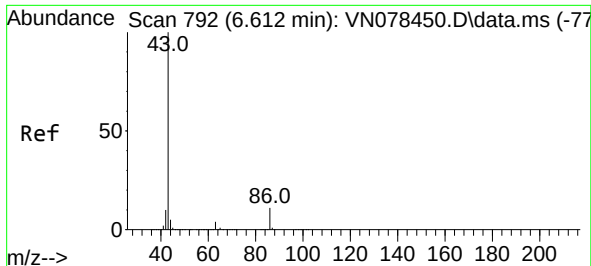


#22
Diisopropyl ether
Concen: 52.219 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



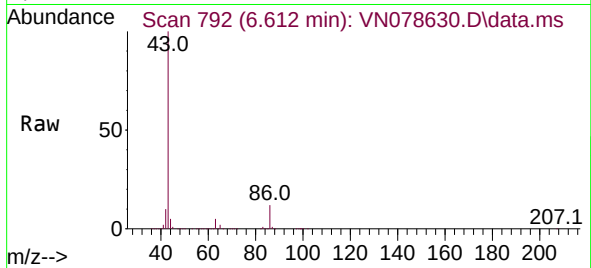
Tgt Ion: 45 Resp: 870539
Ion Ratio Lower Upper
45 100
43 55.4 45.5 68.3
87 34.9 31.8 47.8
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 249.364 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06

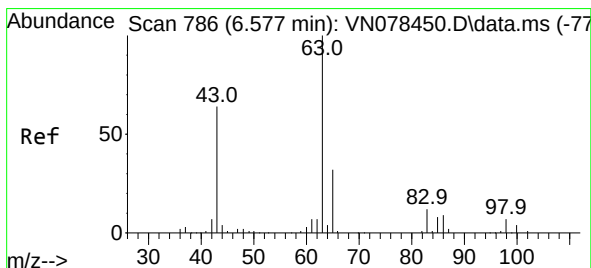
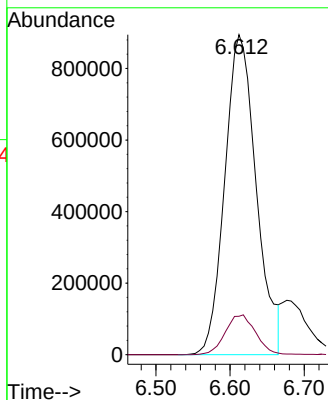
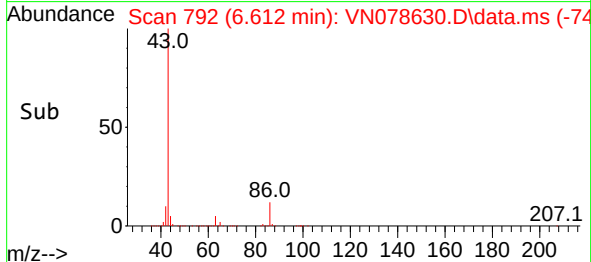
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



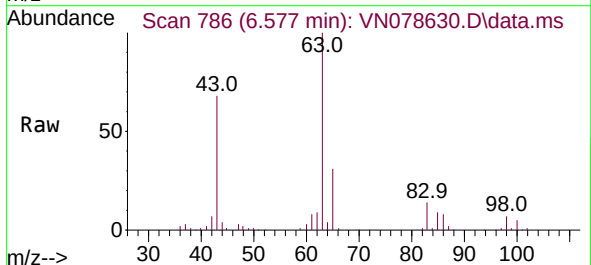
Tgt Ion: 43 Resp: 264284
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

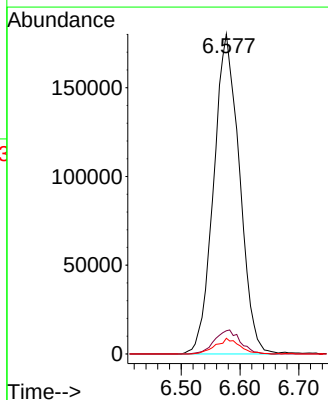
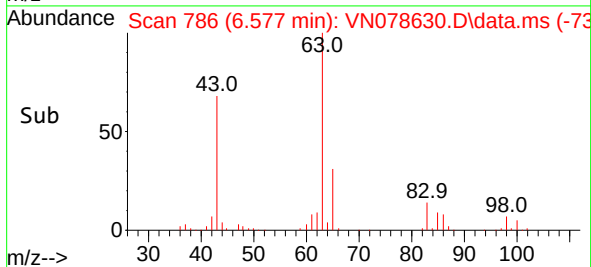
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

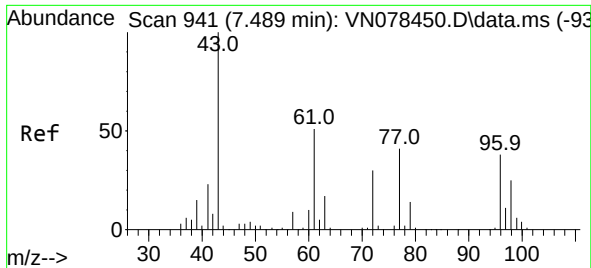


#24
 1,1-Dichloroethane
 Concen: 48.913 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06



Tgt Ion: 63 Resp: 549459
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.9 2.5 7.4





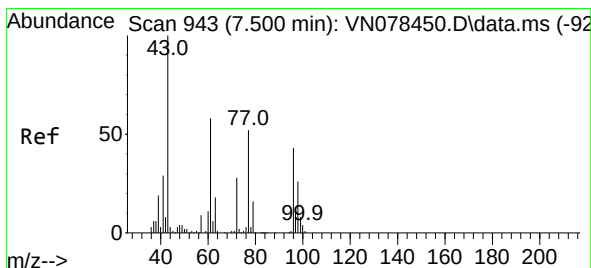
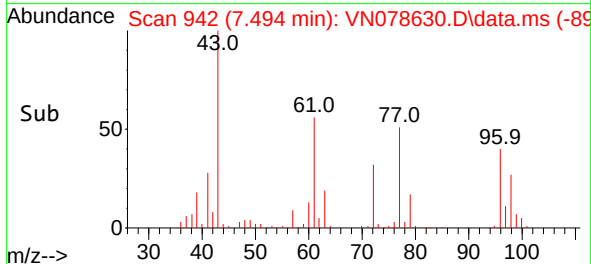
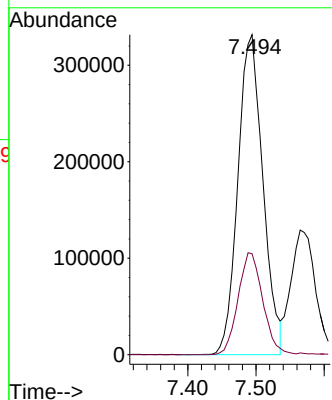
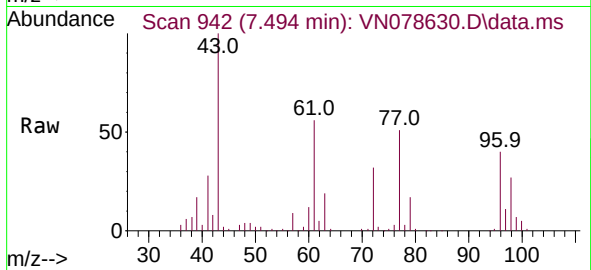
#25
2-Butanone
Concen: 249.064 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 845420
Ion Ratio Lower Upper
43 100
72 31.5 30.2 45.2

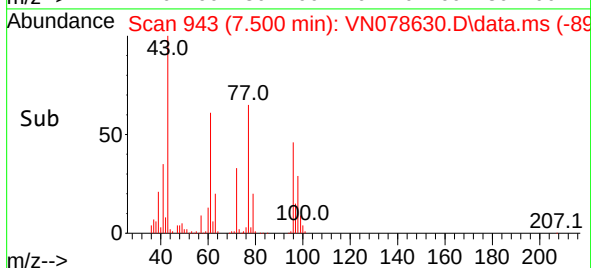
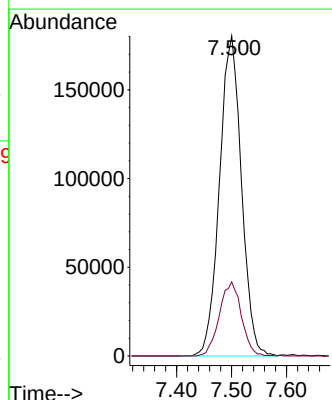
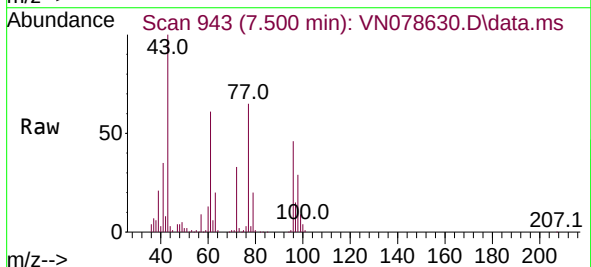
Manual Integrations
APPROVED

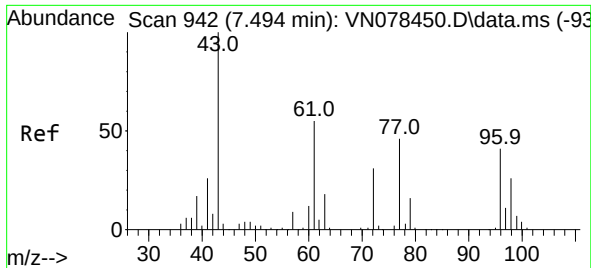
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 54.492 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 77 Resp: 500655
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.182 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

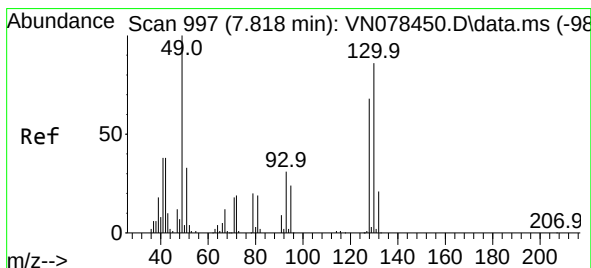
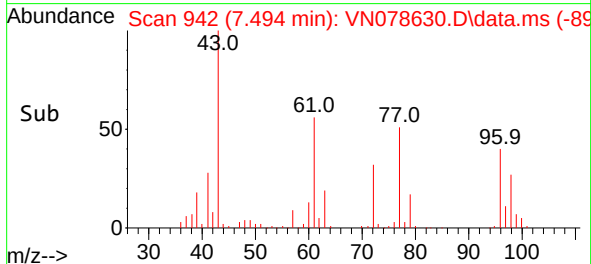
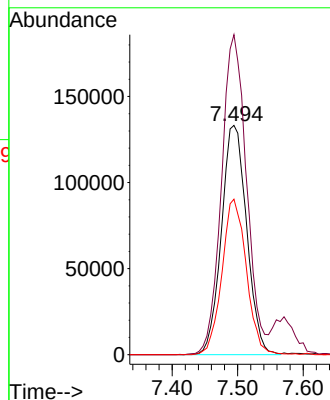
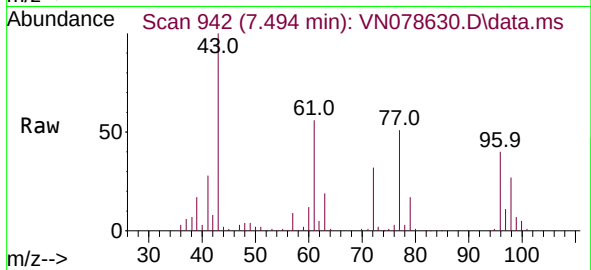
VSTDCCC050

Tgt Ion: 96 Resp: 356435
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 255.2
 98 65.6 0.0 128.8

Manual Integrations

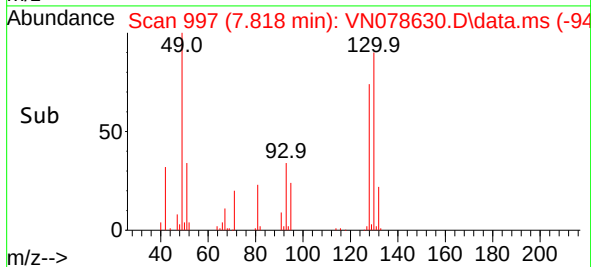
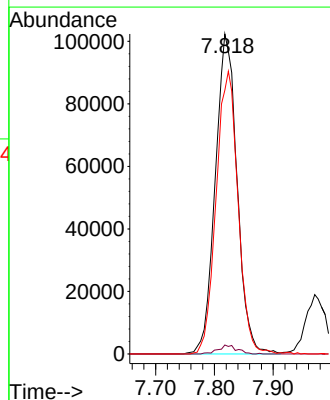
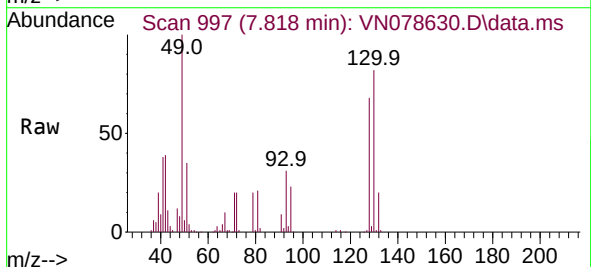
APPROVED

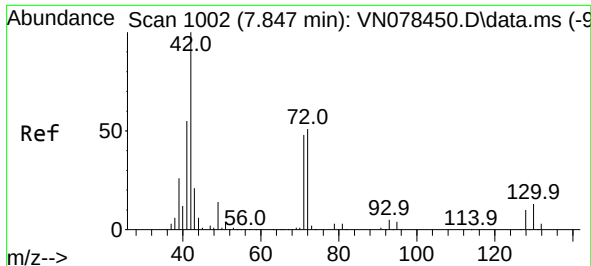
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#28
 Bromochloromethane
 Concen: 49.796 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06

Tgt Ion: 49 Resp: 263468
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 225.582 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

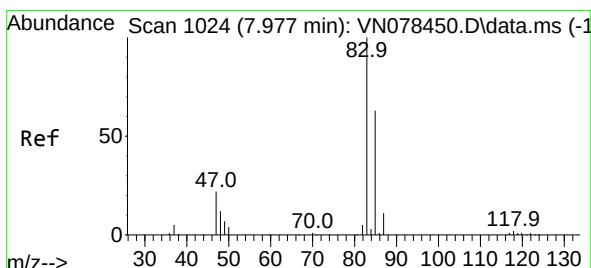
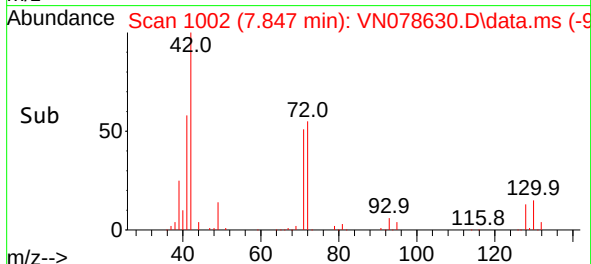
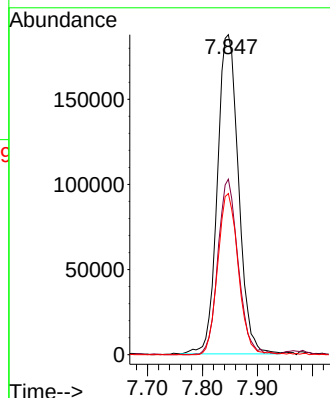
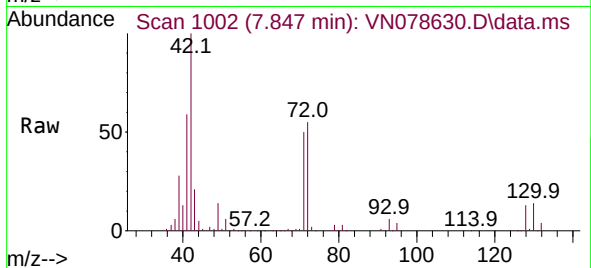
Tgt Ion: 42 Resp: 502430
 Ion Ratio Lower Upper
 42 100
 72 52.6 49.8 74.6
 71 49.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 51.680 ug/l

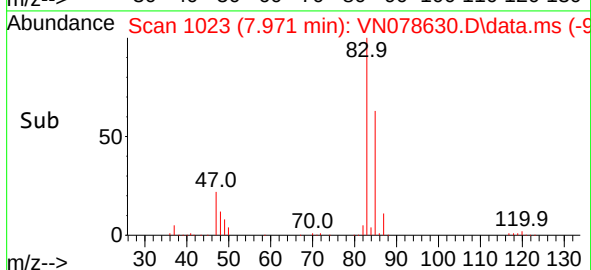
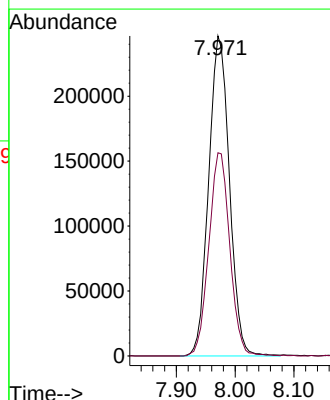
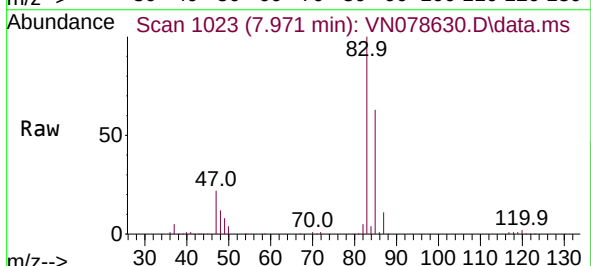
RT: 7.971 min Scan# 1023

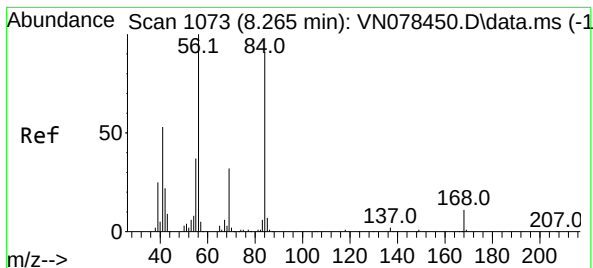
Delta R.T. -0.006 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Tgt Ion: 83 Resp: 604411
 Ion Ratio Lower Upper
 83 100
 85 63.5 55.4 83.0





#31

Cyclohexane

Concen: 42.884 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 40119

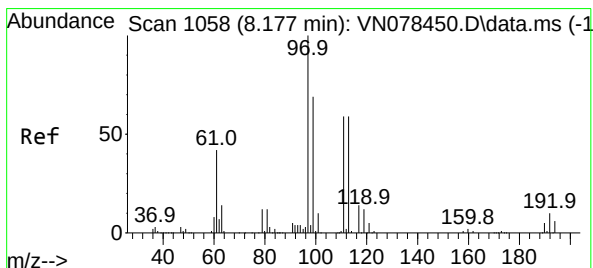
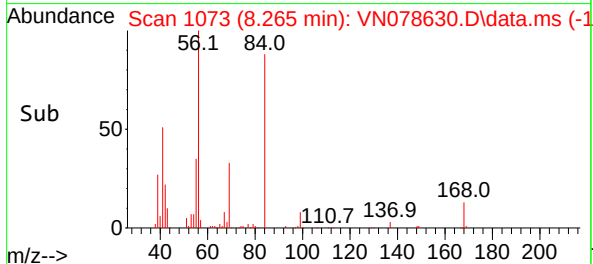
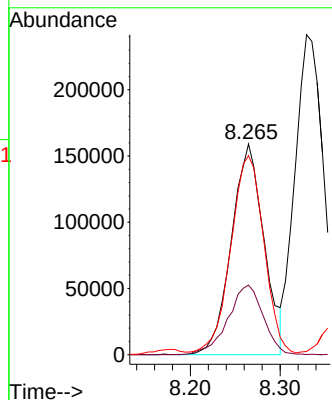
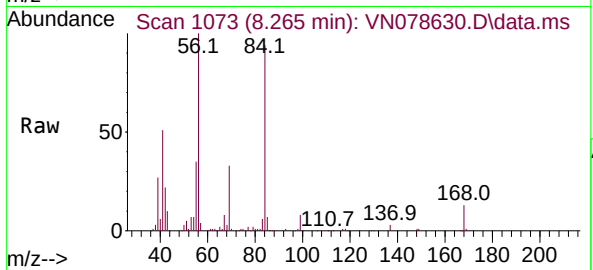
Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.8	40.2
84	92.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#32

1,1,1-Trichloroethane

Concen: 51.104 ug/l

RT: 8.177 min Scan# 1058

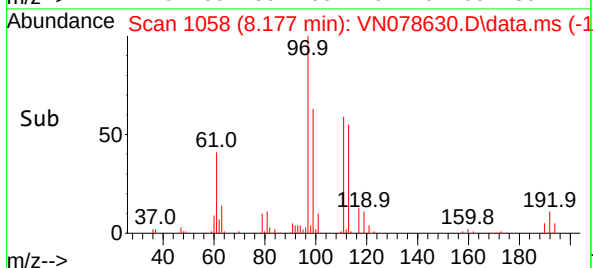
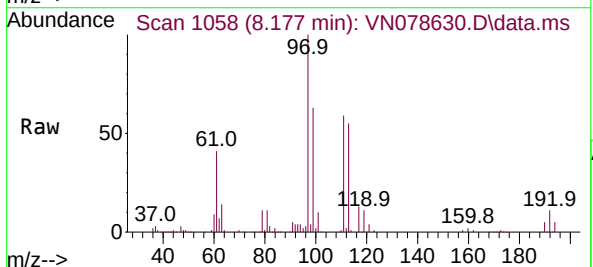
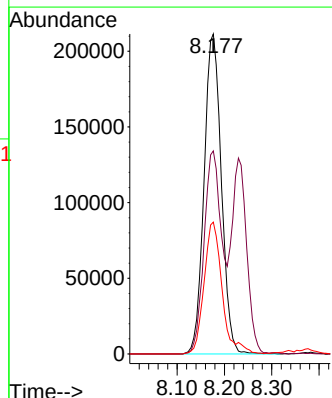
Delta R.T. -0.000 min

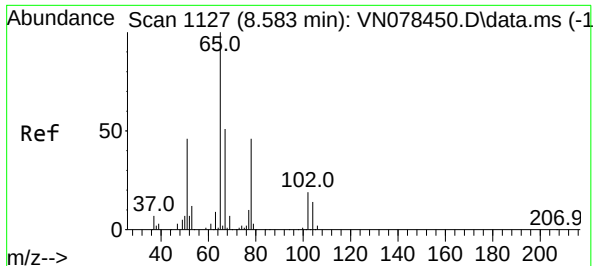
Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Tgt Ion: 97 Resp: 535852

Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.3	75.5
61	43.1	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 46.237 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 32007

Ion Ratio Lower Upper

65 100

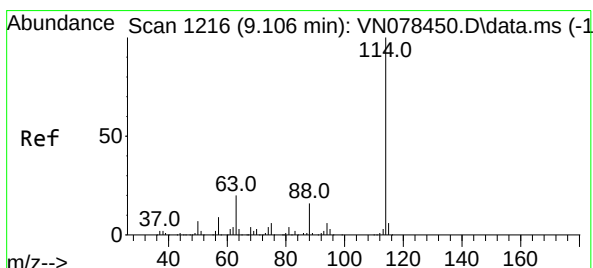
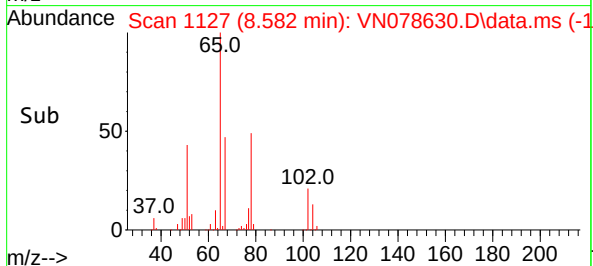
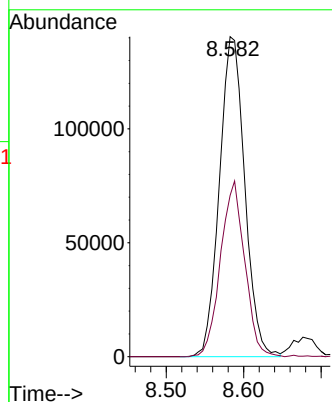
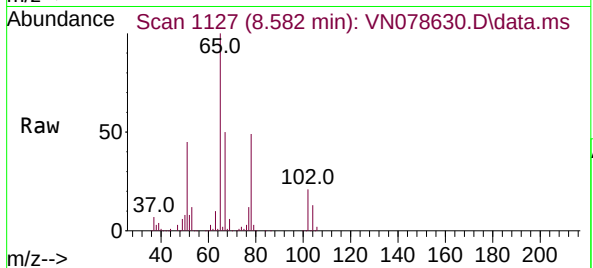
67 52.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

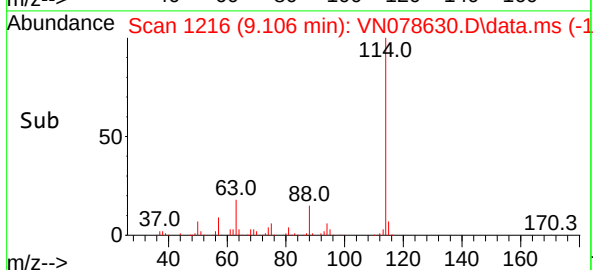
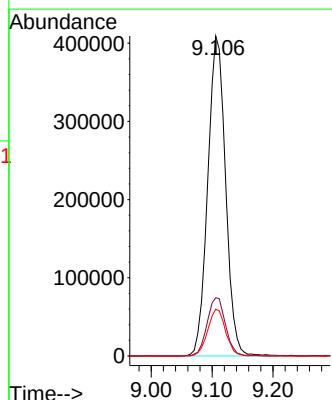
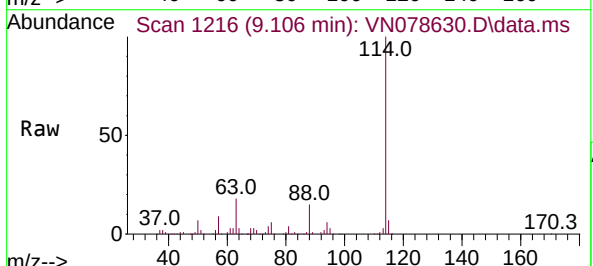
Tgt Ion:114 Resp: 831990

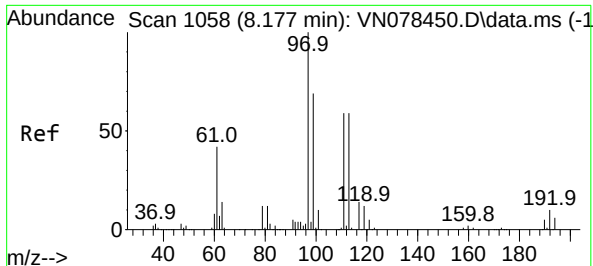
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.290 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 295324

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

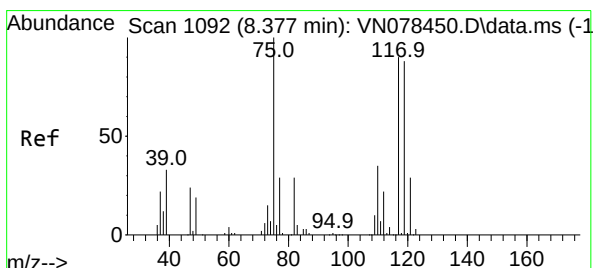
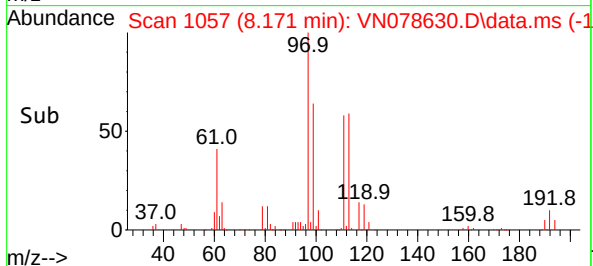
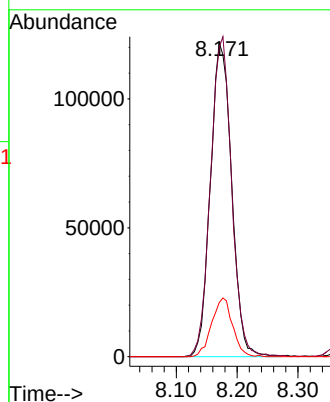
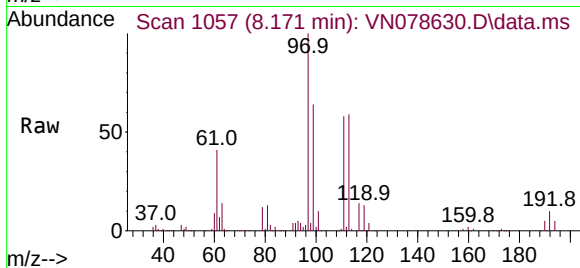
192 18.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#36

1,1-Dichloropropene

Concen: 52.093 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

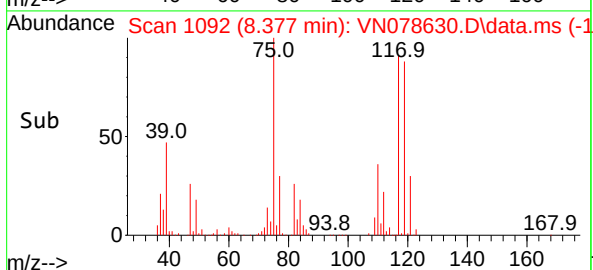
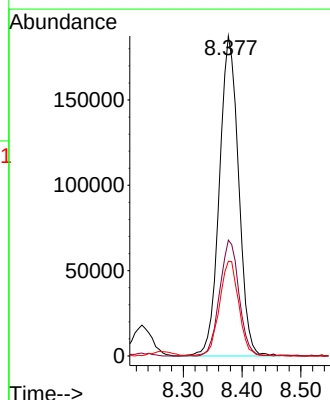
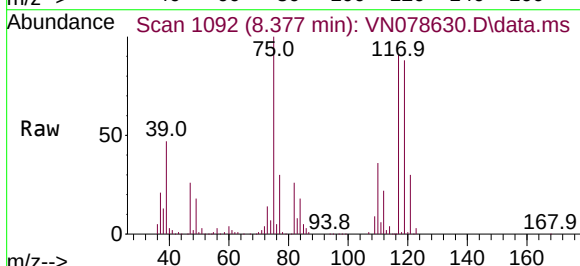
Tgt Ion: 75 Resp: 424813

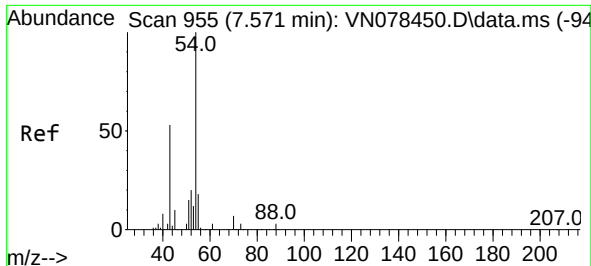
Ion Ratio Lower Upper

75 100

110 36.4 19.1 57.3

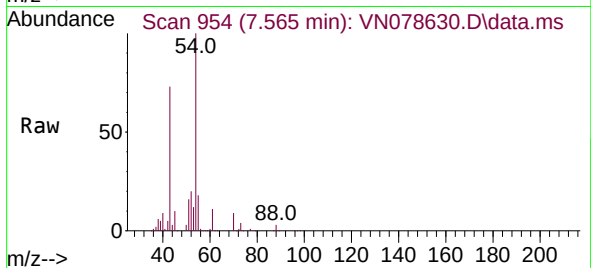
77 29.9 25.0 37.4





#37
Ethyl Acetate
Concen: 49.199 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

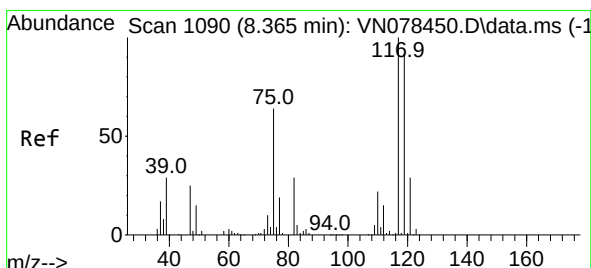
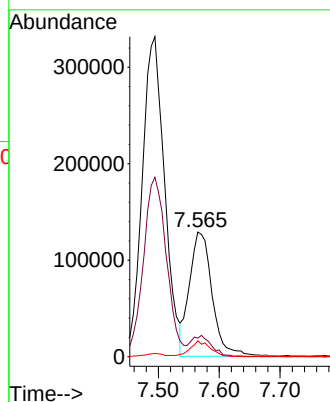
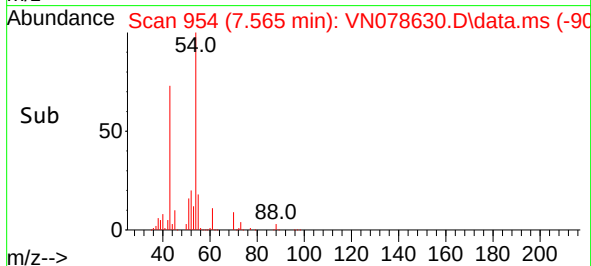
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 334460
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 11.3 11.3 16.9

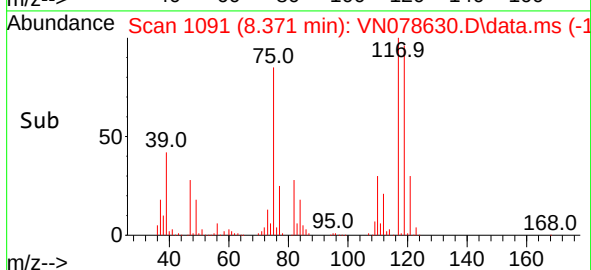
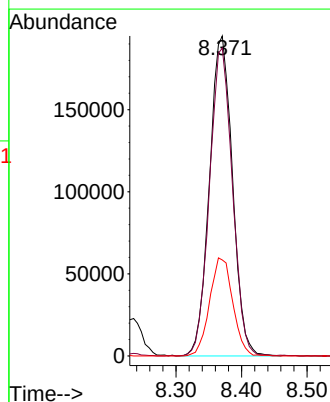
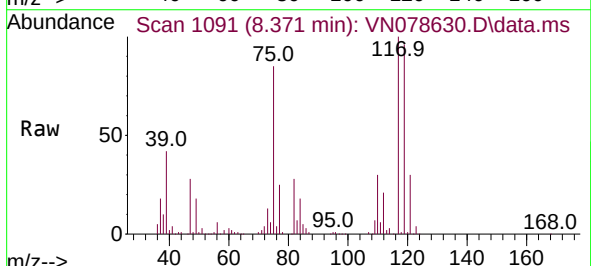
Manual Integrations
APPROVED

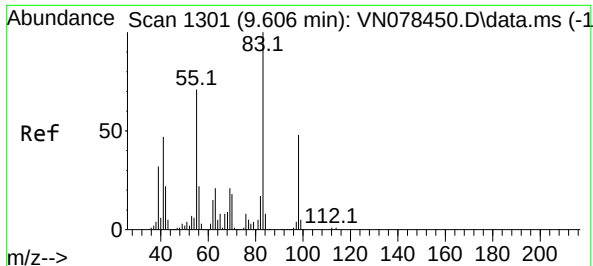
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 53.611 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion:117 Resp: 475161
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 51.809 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

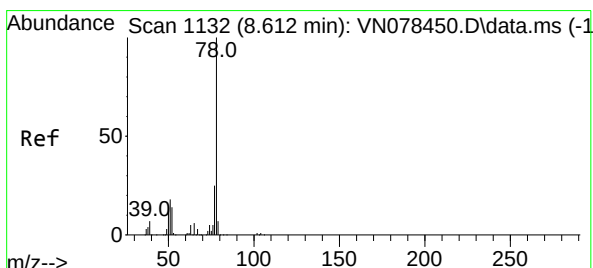
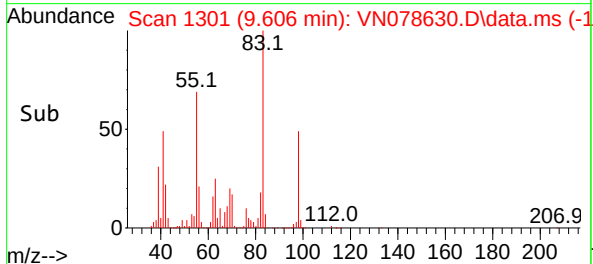
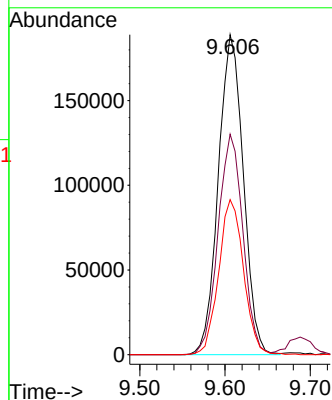
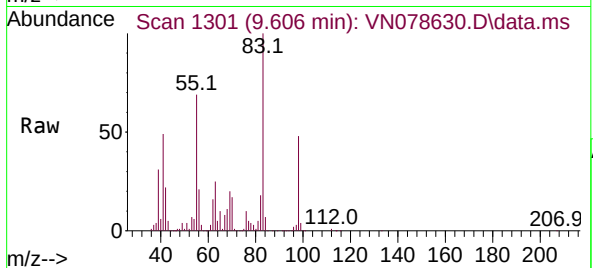
Tgt Ion: 83 Resp: 38565
 Ion Ratio Lower Upper
 83 100
 55 68.9 49.1 73.7
 98 48.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 53.117 ug/l

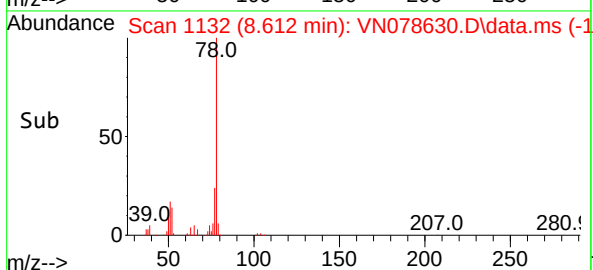
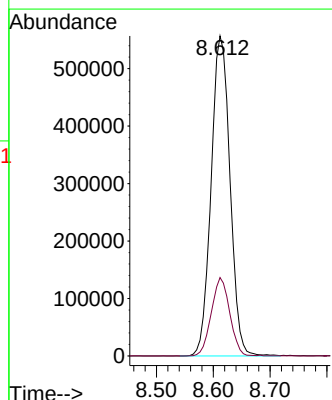
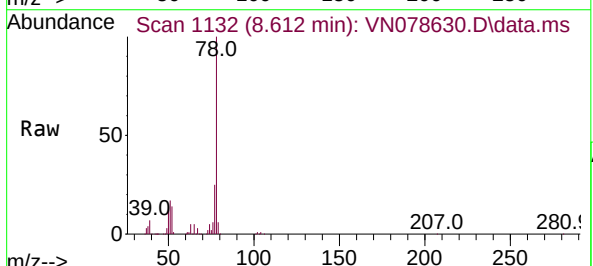
RT: 8.612 min Scan# 1132

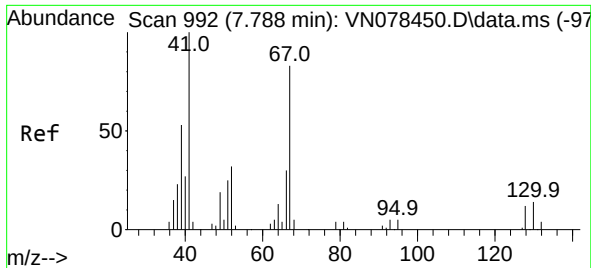
Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

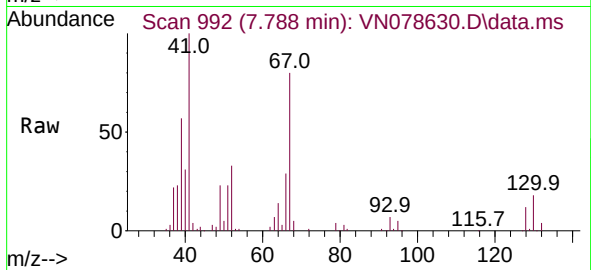
Tgt Ion: 78 Resp: 1283283
 Ion Ratio Lower Upper
 78 100
 77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 51.143 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

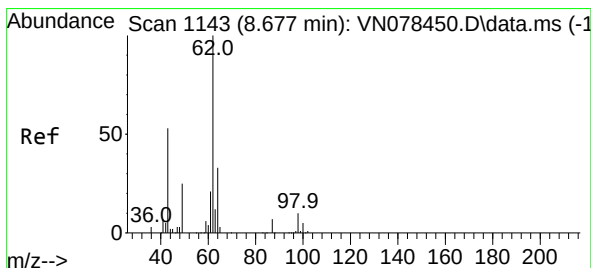
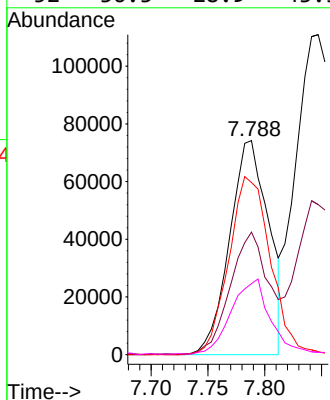
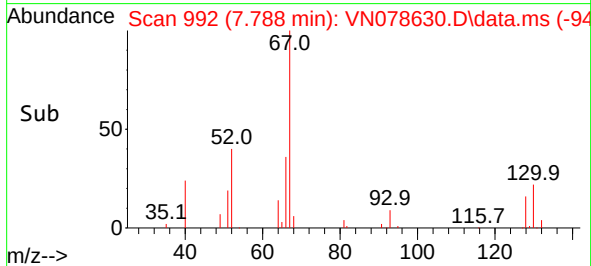
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



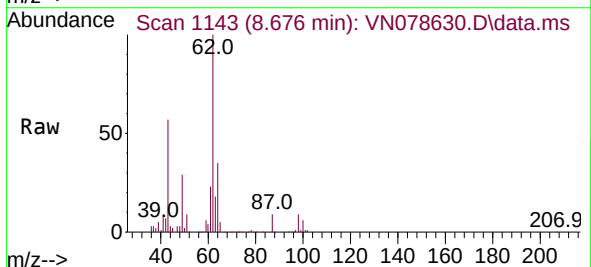
Tgt Ion: 41 Resp: 177238
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 89.4 77.5 116.3
52 36.3 28.9 43.3

Manual Integrations
APPROVED

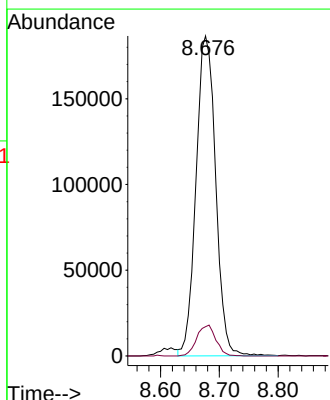
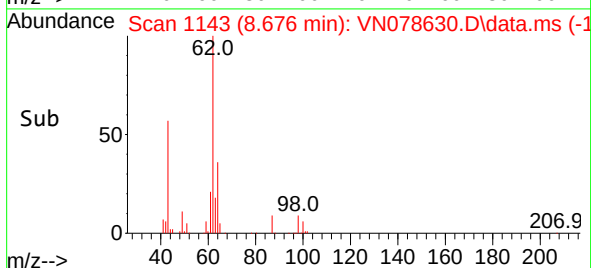
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

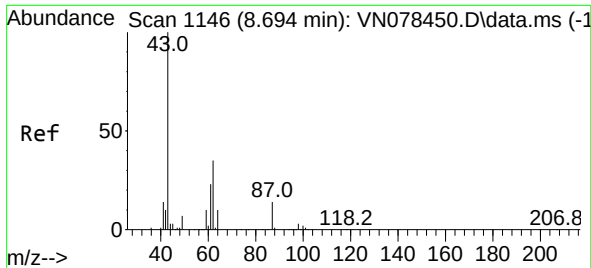


#42
1,2-Dichloroethane
Concen: 52.621 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



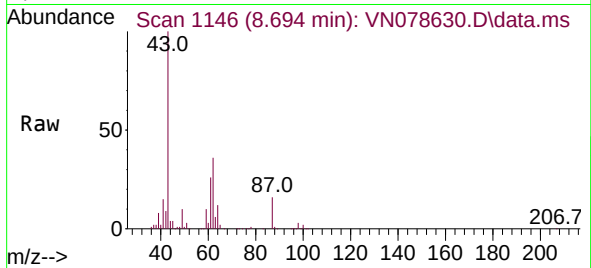
Tgt Ion: 62 Resp: 432420
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 54.961 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

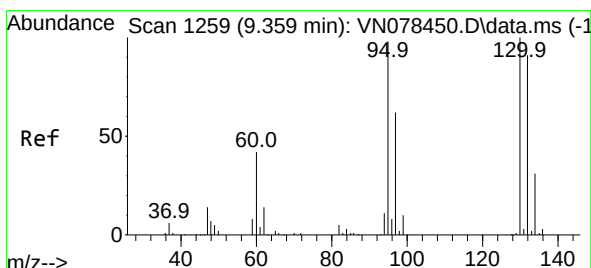
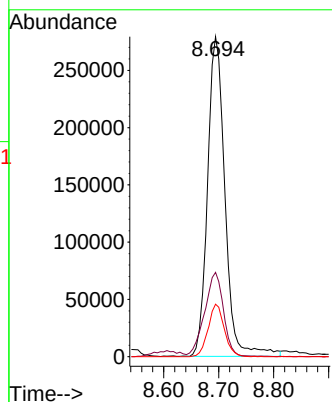
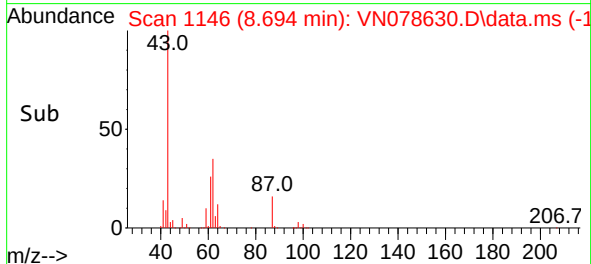
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



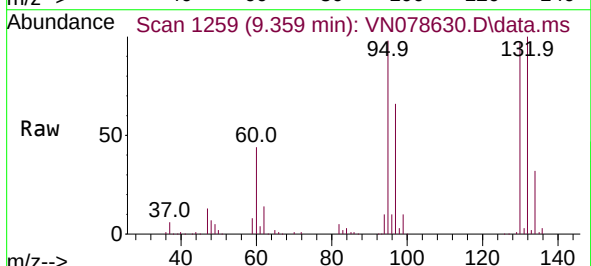
Tgt Ion: 43 Resp: 61513
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.2 14.6 21.8

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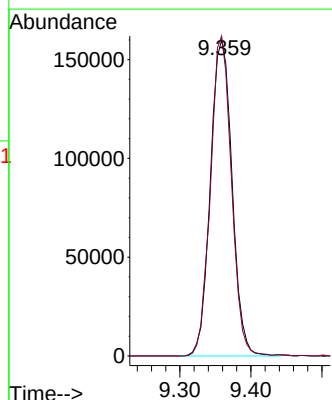
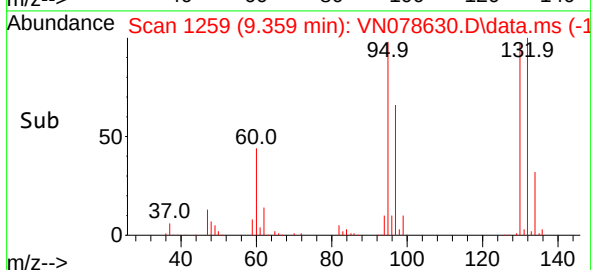
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

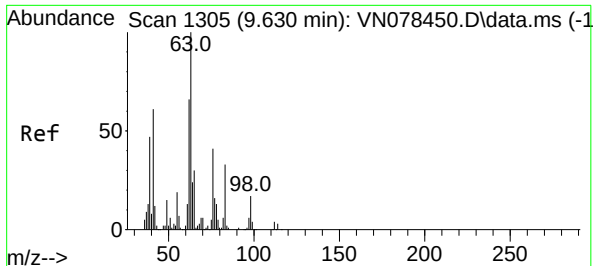


#44
Trichloroethene
Concen: 52.039 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



Tgt Ion:130 Resp: 338849
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.373 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 332709

Ion Ratio Lower Upper

63 100

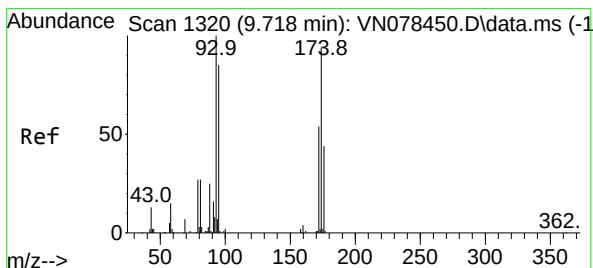
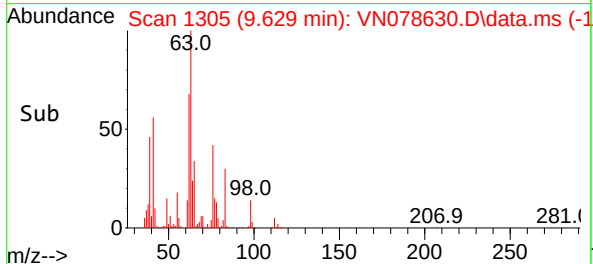
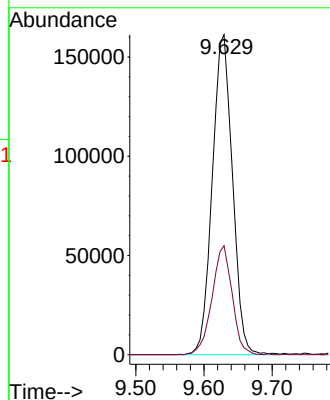
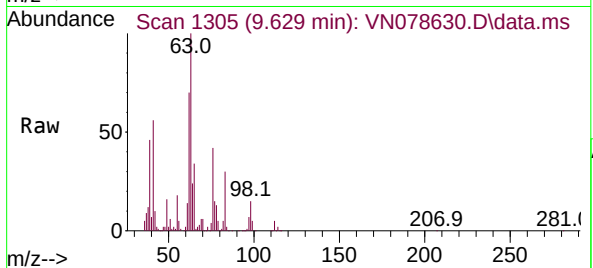
65 34.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 54.023 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

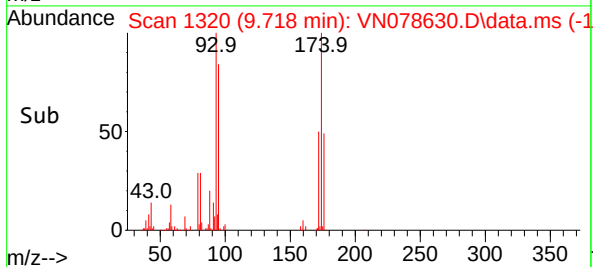
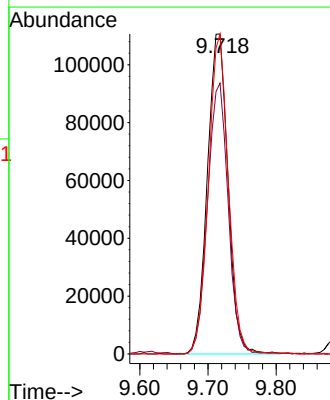
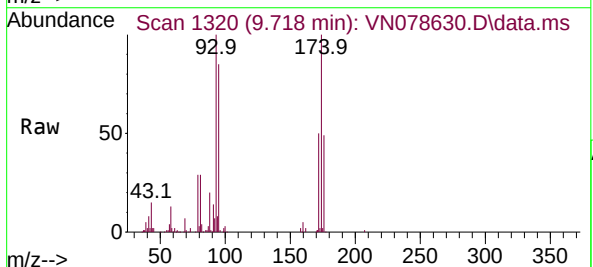
Tgt Ion: 93 Resp: 232663

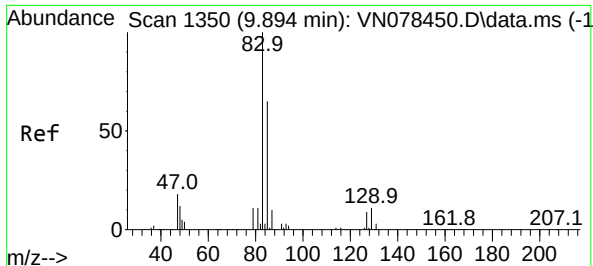
Ion Ratio Lower Upper

93 100

95 84.6 63.8 95.8

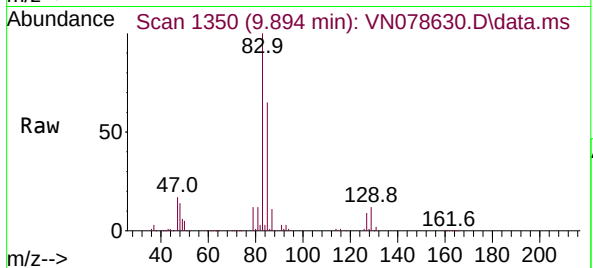
174 96.6 65.6 98.4





#47
Bromodichloromethane
Concen: 55.583 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

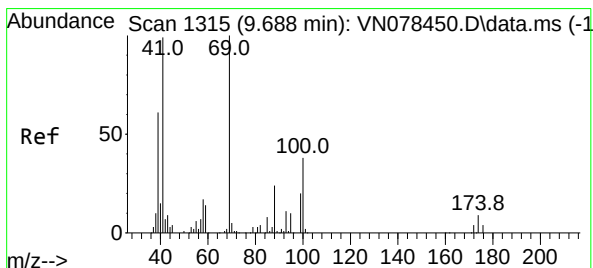
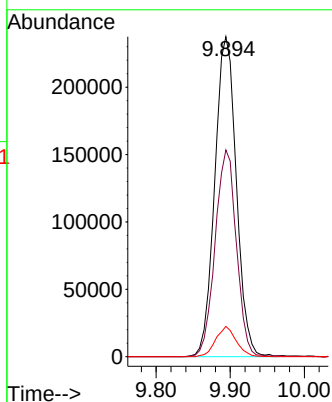
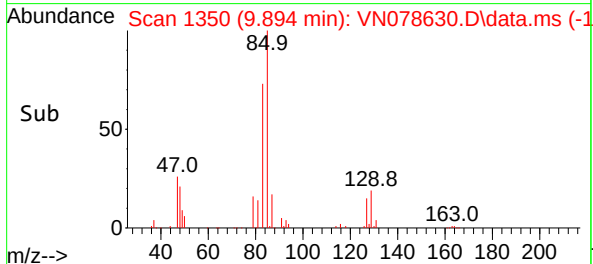
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 479860
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 9.4 7.0 10.6

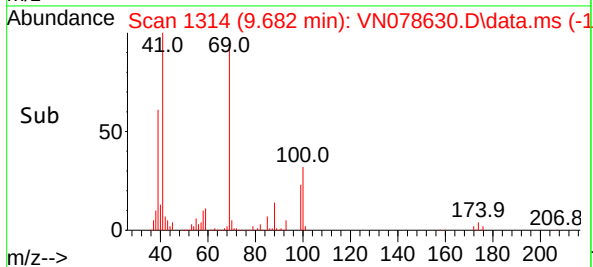
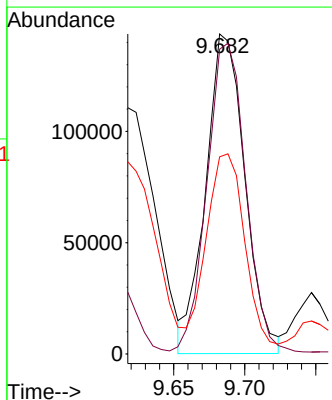
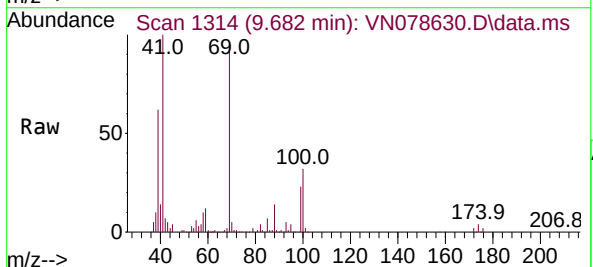
Manual Integrations
APPROVED

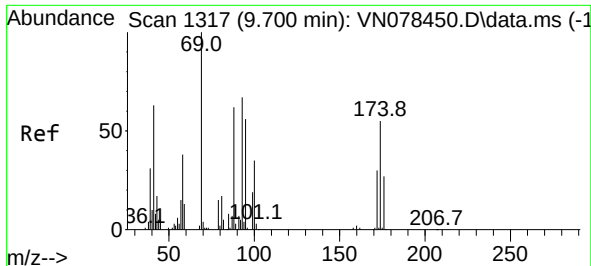
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 53.207 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 41 Resp: 275890
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 954.377 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 10792

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

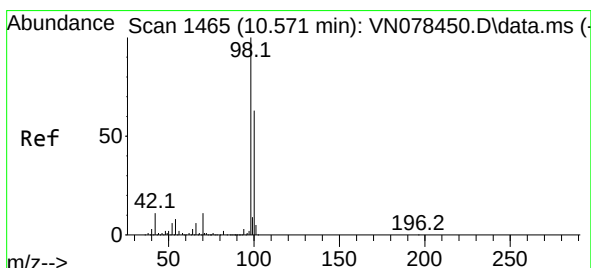
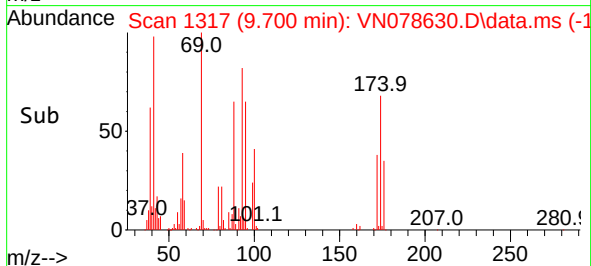
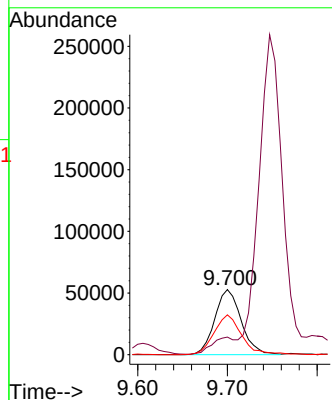
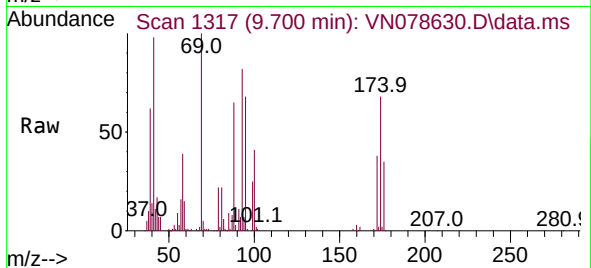
58 64.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 49.958 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078630.D

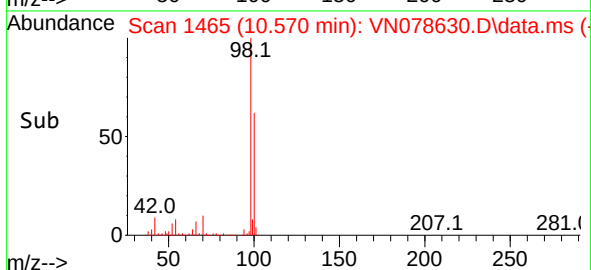
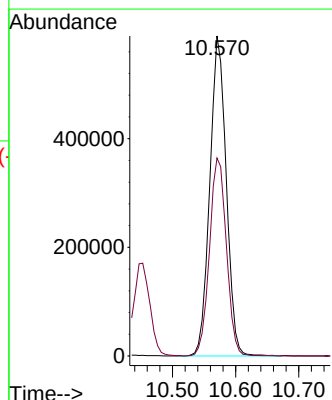
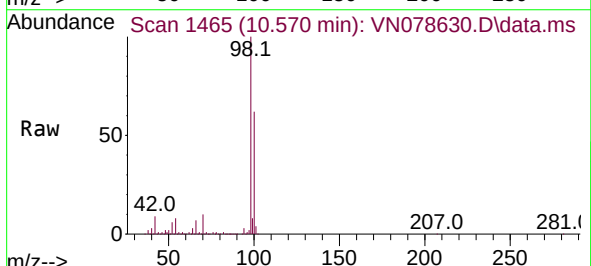
Acq: 24 Jul 2023 10:06

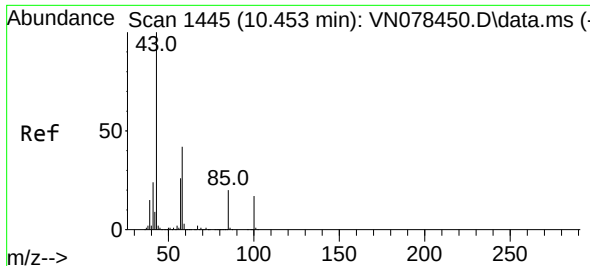
Tgt Ion: 98 Resp: 1065898

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





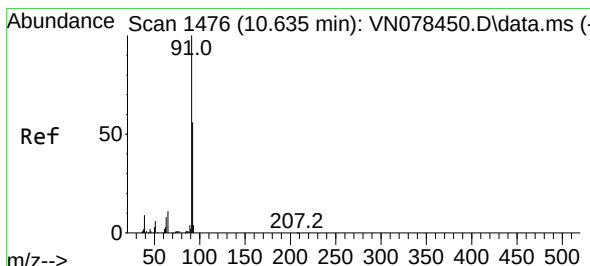
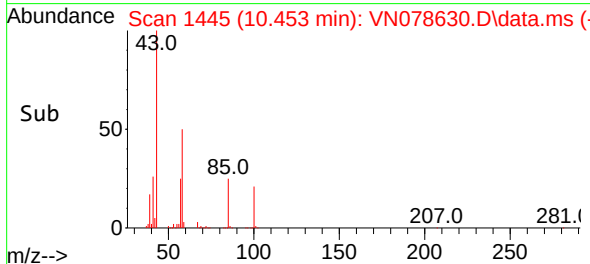
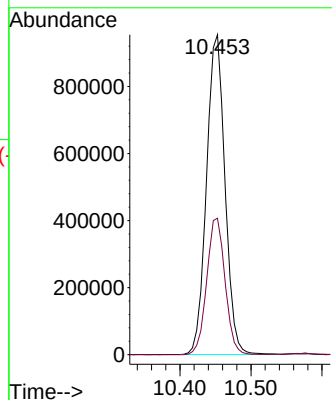
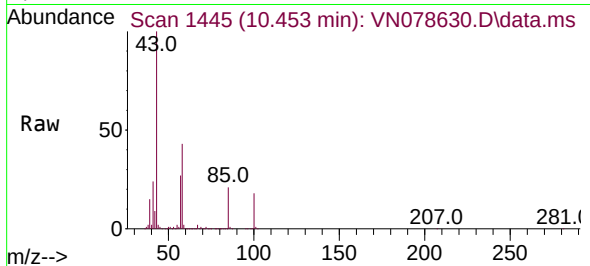
#51
4-Methyl-2-Pentanone
Concen: 259.531 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1727758
Ion Ratio Lower Upper
43 100
58 42.4 36.6 54.8

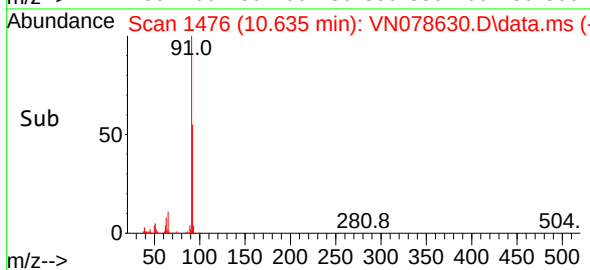
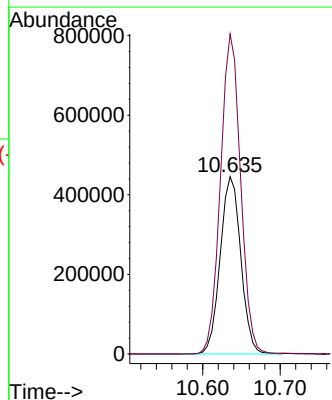
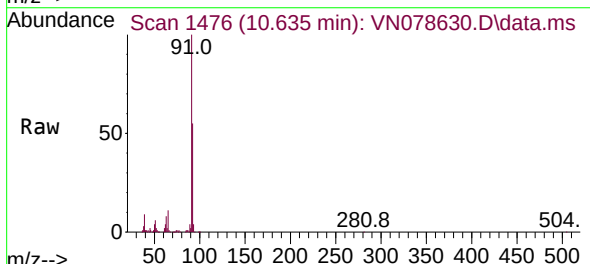
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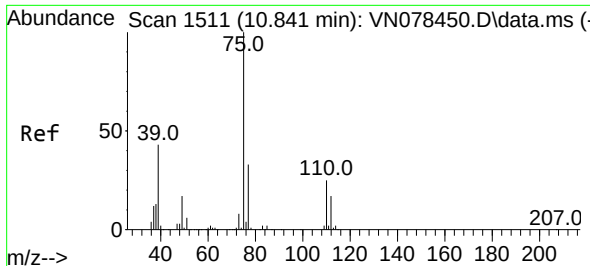
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 54.928 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

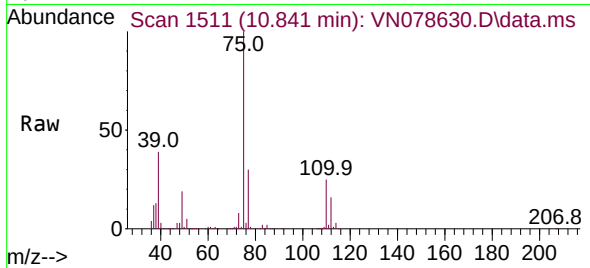
Tgt Ion: 92 Resp: 822469
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.977 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

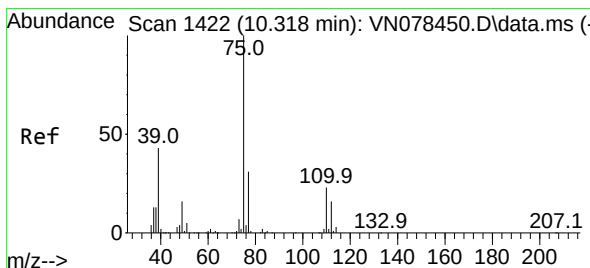
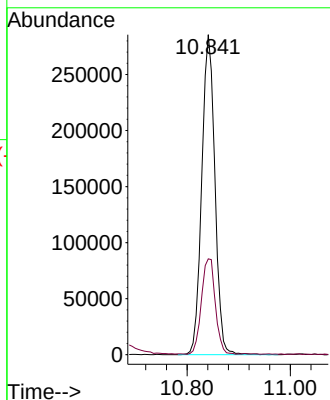
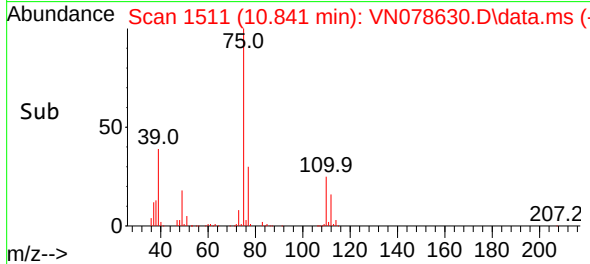
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 503920
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0

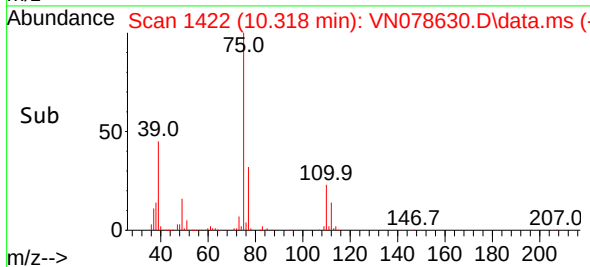
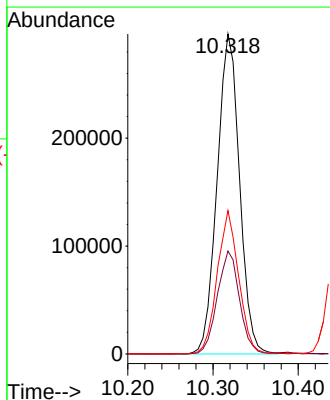
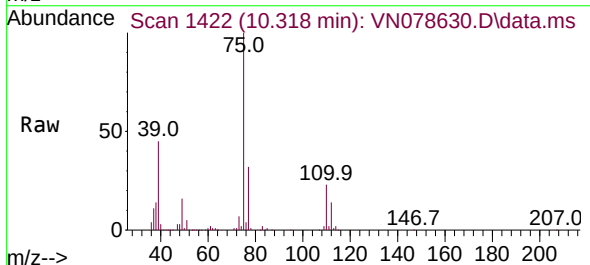
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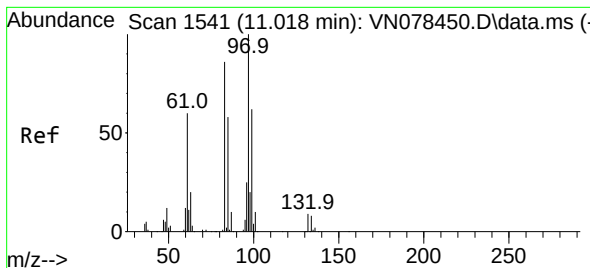
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#54
cis-1,3-Dichloropropene
Concen: 57.605 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

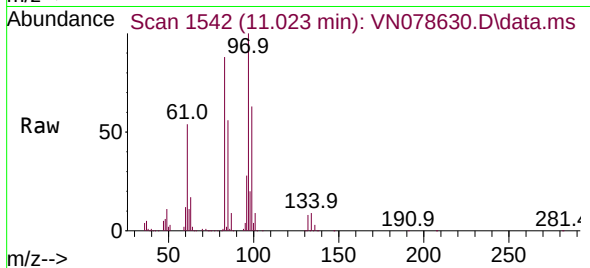
Tgt Ion: 75 Resp: 543075
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.588 ug/l
RT: 11.023 min Scan# 11023
Delta R.T. 0.005 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

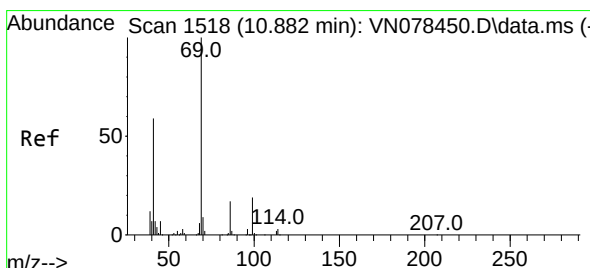
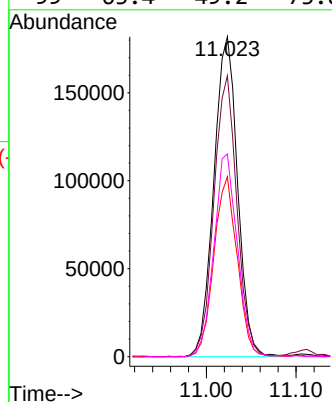
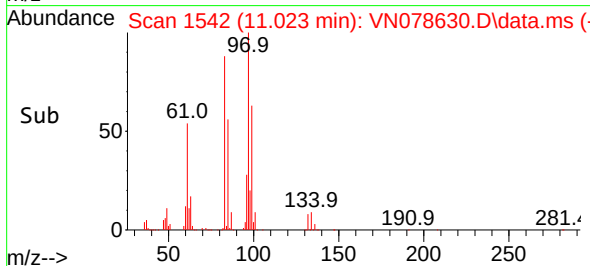
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 333844
Ion Ratio Lower Upper
97 100
83 87.6 65.1 97.7
85 56.3 43.4 65.2
99 63.4 49.2 73.8

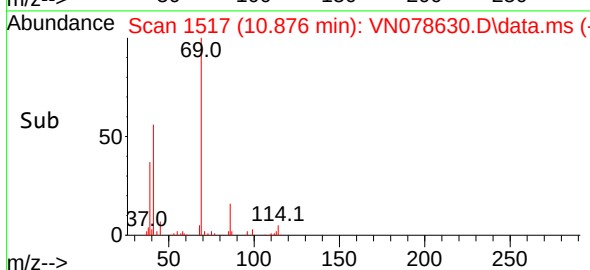
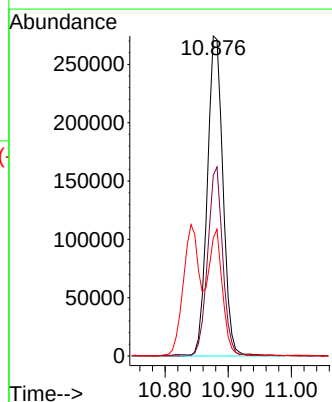
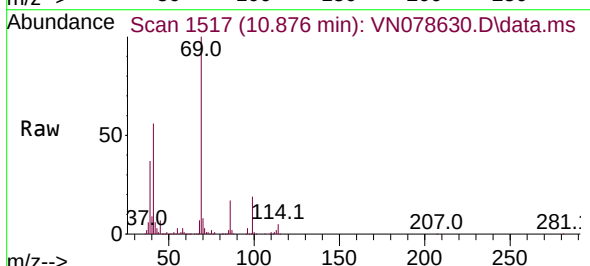
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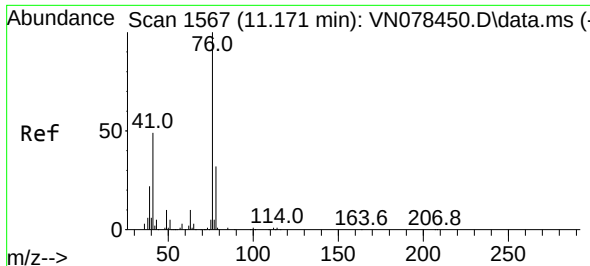
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#56
Ethyl methacrylate
Concen: 57.160 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 69 Resp: 471392
Ion Ratio Lower Upper
69 100
41 56.2 39.6 59.4
39 36.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.622 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 547908

Ion Ratio Lower Upper

76 100

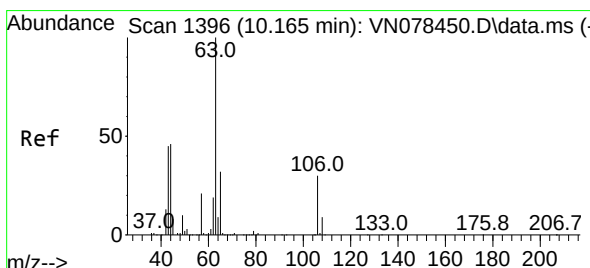
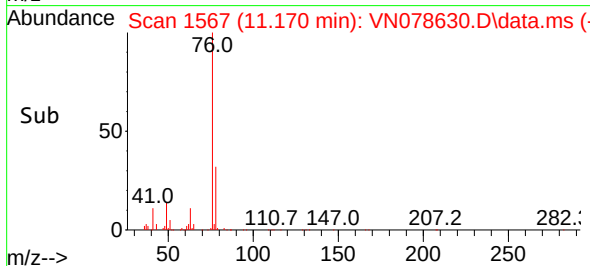
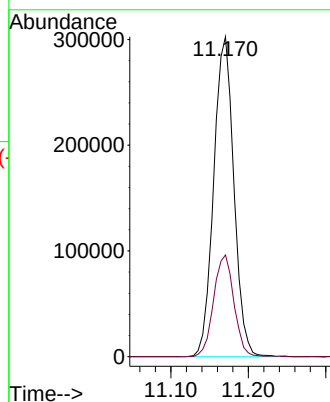
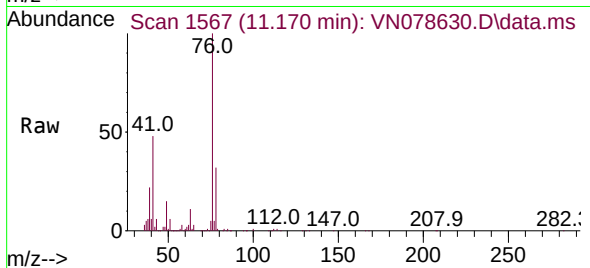
78 32.1 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 281.563 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078630.D

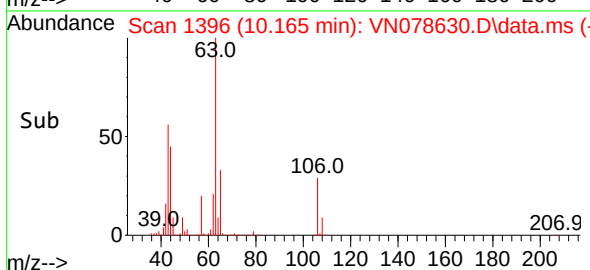
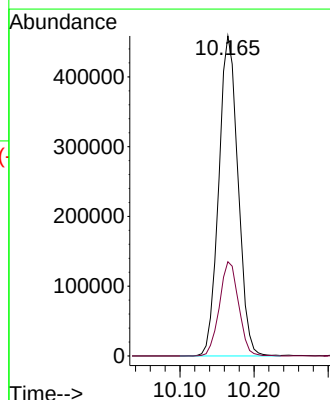
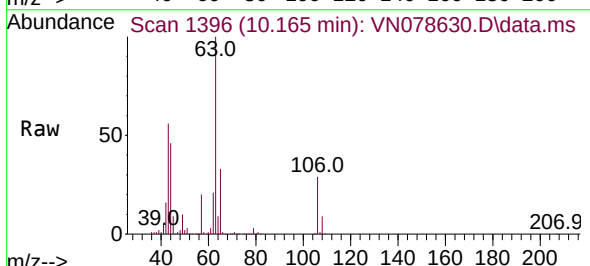
Acq: 24 Jul 2023 10:06

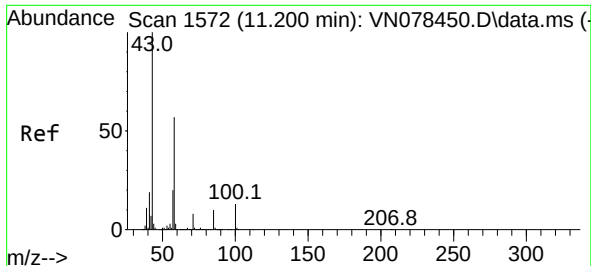
Tgt Ion: 63 Resp: 827502

Ion Ratio Lower Upper

63 100

106 29.3 26.2 39.4





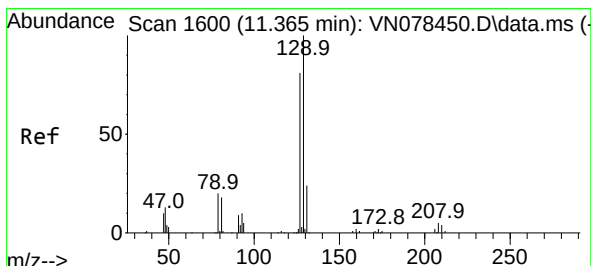
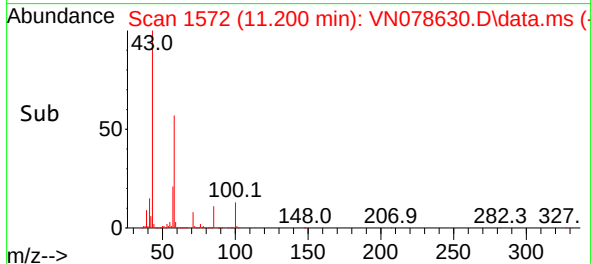
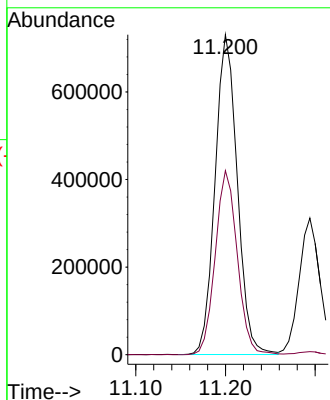
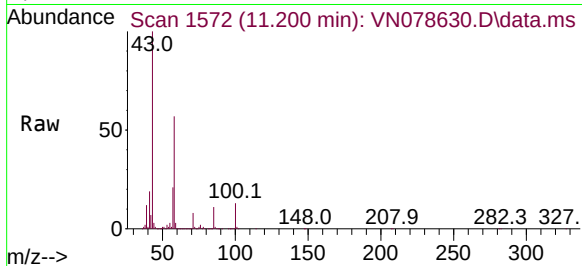
#59
2-Hexanone
Concen: 265.346 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1255450
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1

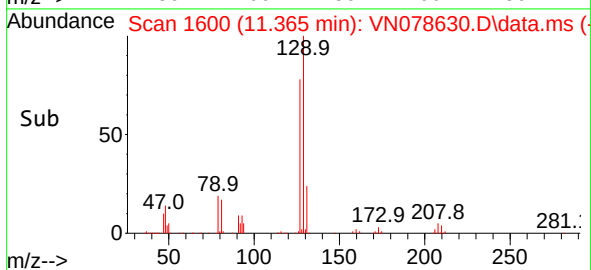
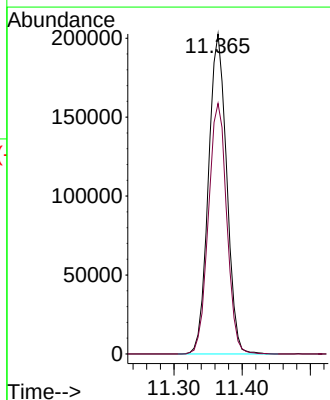
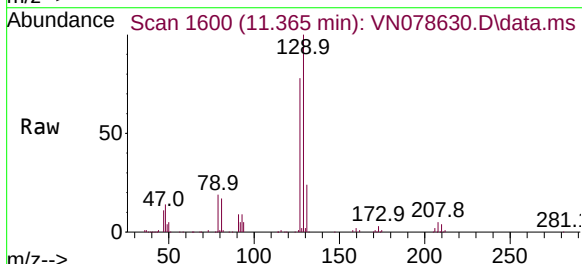
Manual Integrations
APPROVED

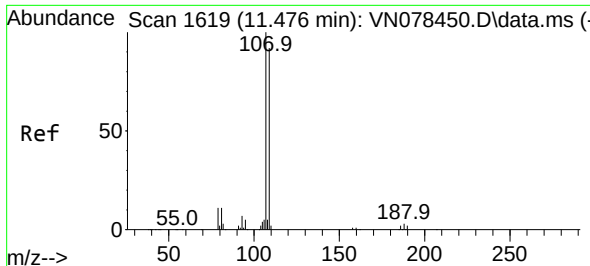
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 57.866 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

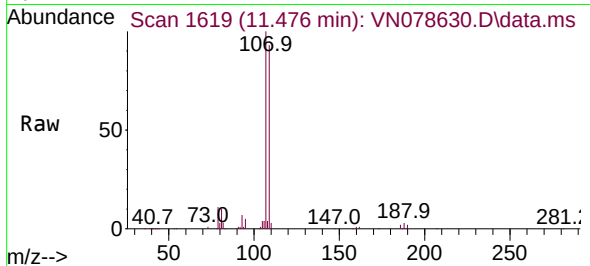
Tgt Ion:129 Resp: 376876
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.823 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

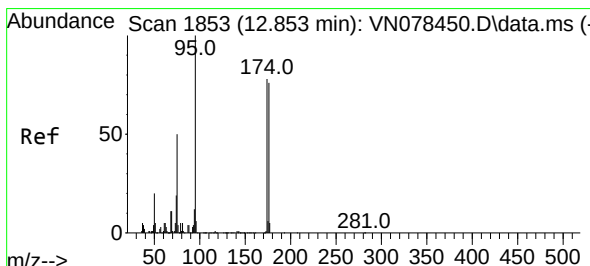
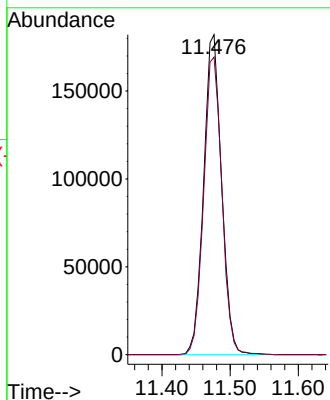
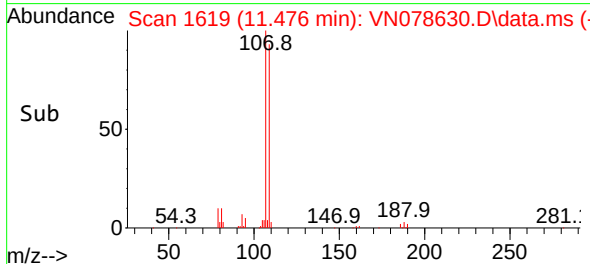
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



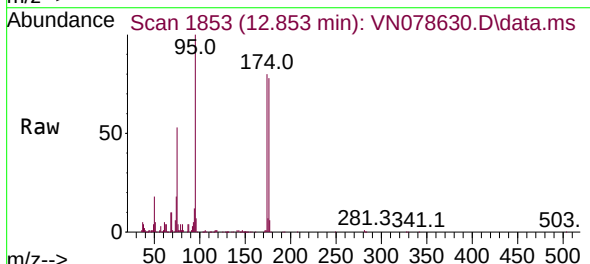
Tgt Ion:107 Resp: 33317
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

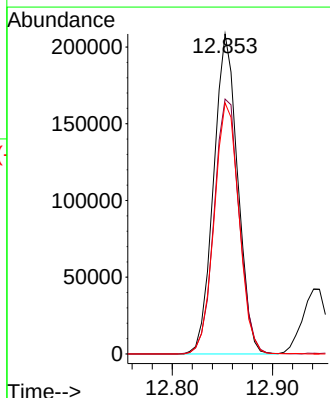
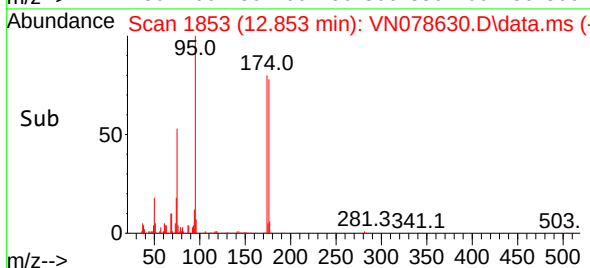
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

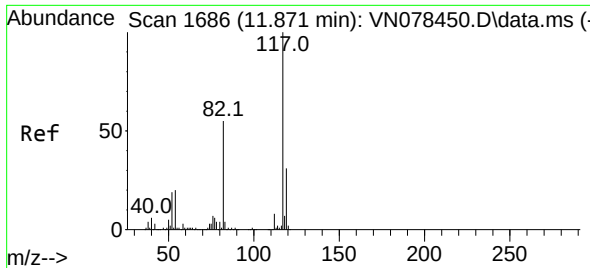


#62
4-Bromofluorobenzene
Concen: 52.895 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



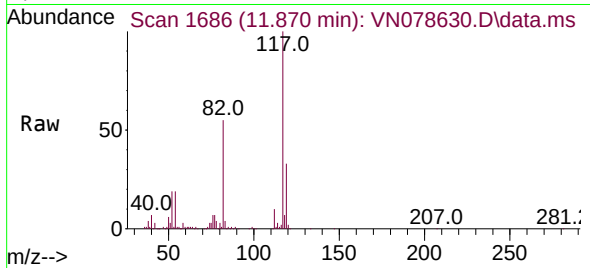
Tgt Ion: 95 Resp: 347620
Ion Ratio Lower Upper
95 100
174 82.9 0.0 143.8
176 80.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

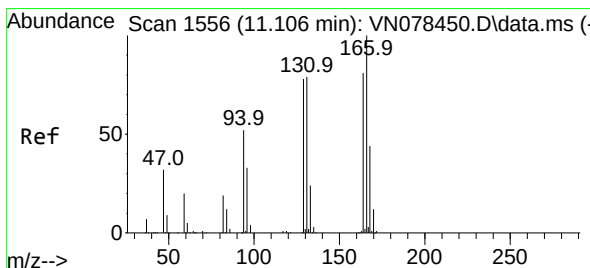
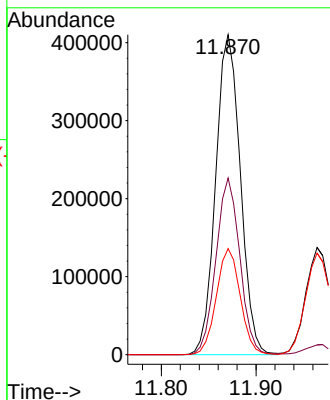
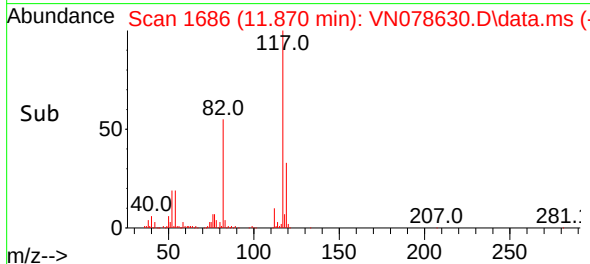
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 743572
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 33.1 25.6 38.4

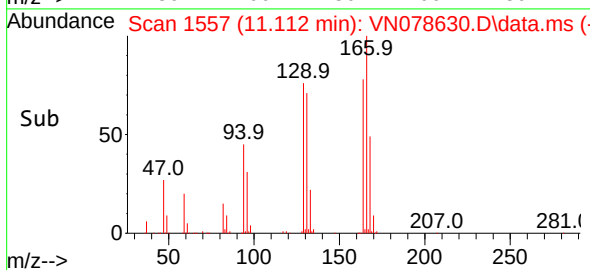
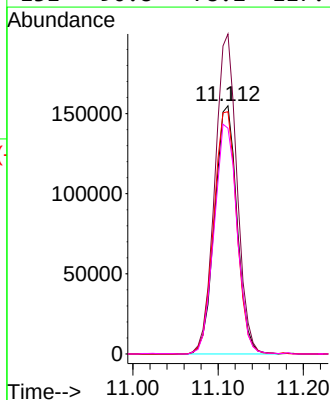
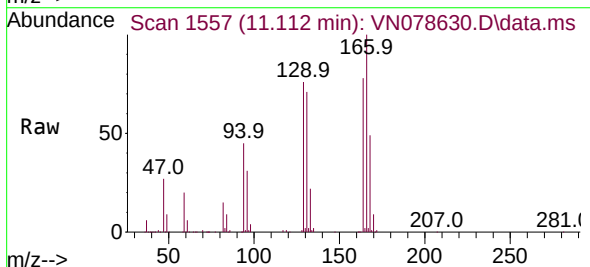
Manual Integrations
APPROVED

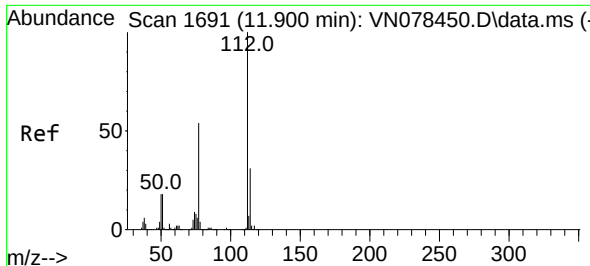
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 50.620 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

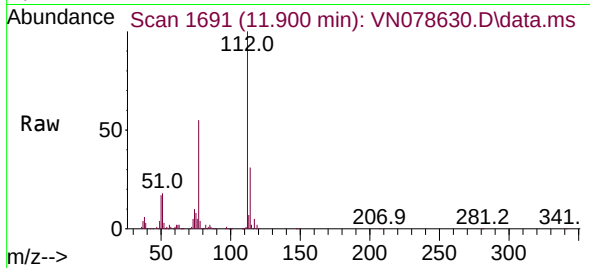
Tgt Ion:164 Resp: 282982
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.0
129 97.6 82.4 123.6
131 90.8 78.2 117.4





#65
Chlorobenzene
Concen: 53.383 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

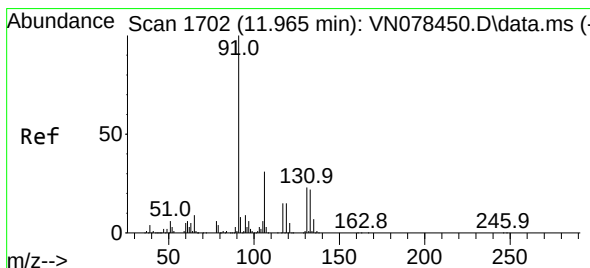
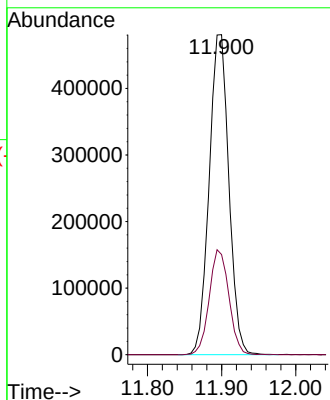
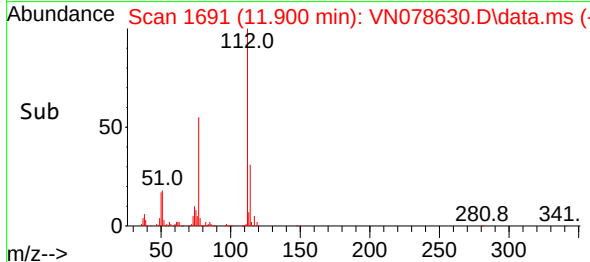
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



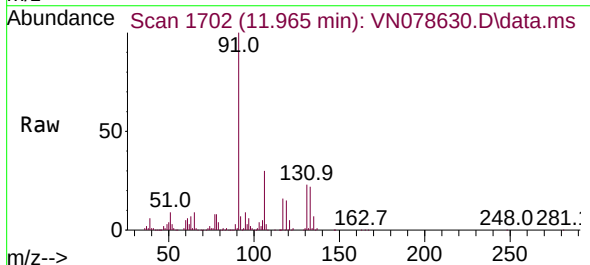
Tgt Ion:112 Resp: 88725
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
APPROVED

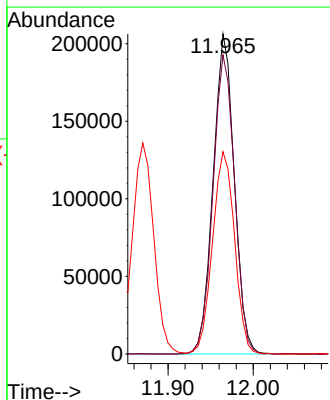
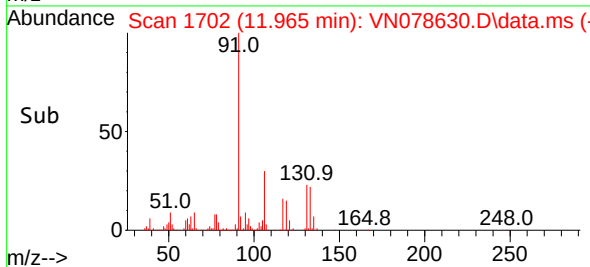
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

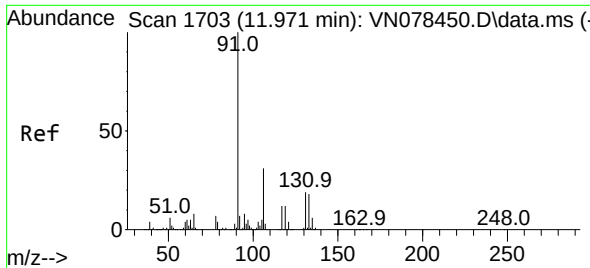


#66
1,1,1,2-Tetrachloroethane
Concen: 55.762 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



Tgt Ion:131 Resp: 356537
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 65.9 34.1 102.2





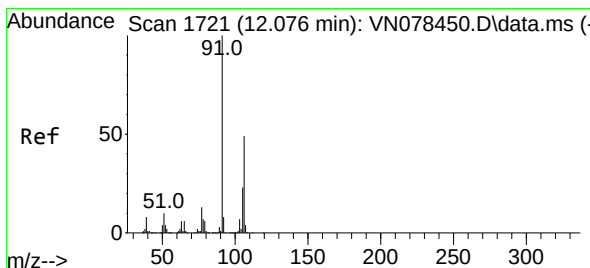
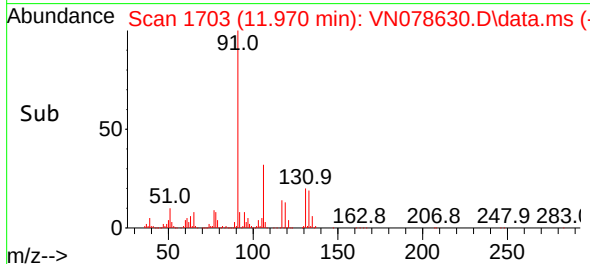
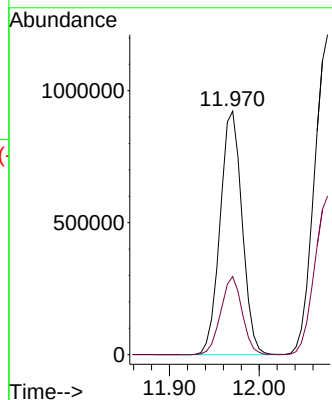
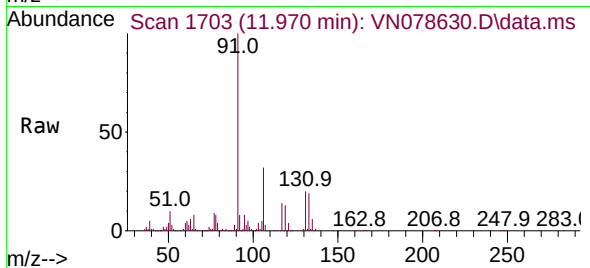
#67
Ethyl Benzene
Concen: 55.893 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 157026
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

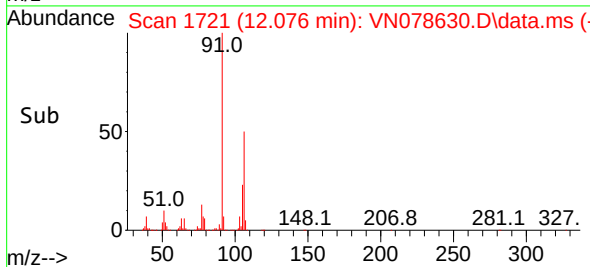
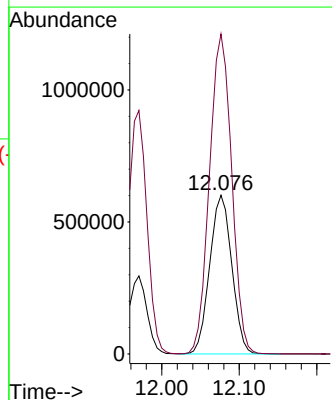
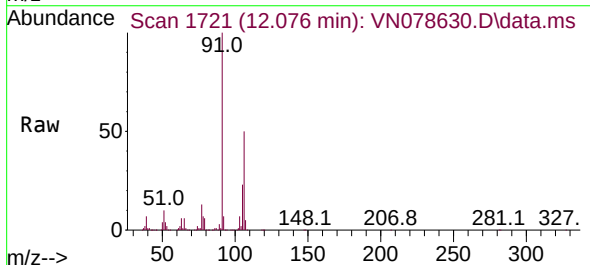
Manual Integrations
APPROVED

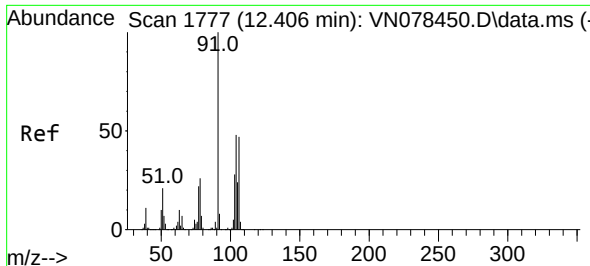
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#68
m/p-Xylenes
Concen: 114.554 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion:106 Resp: 1189907
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4





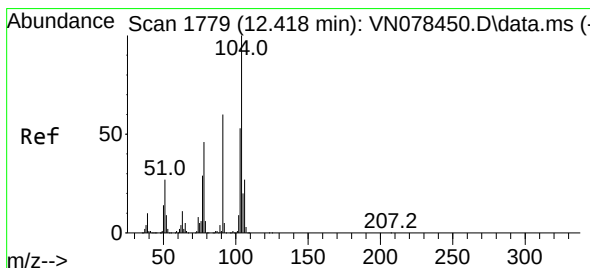
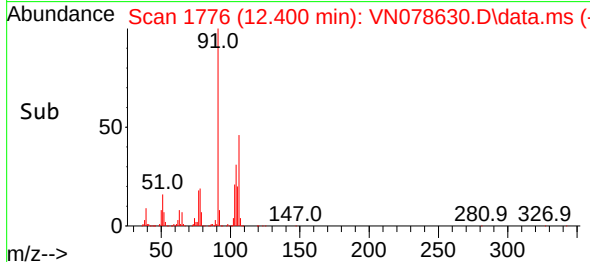
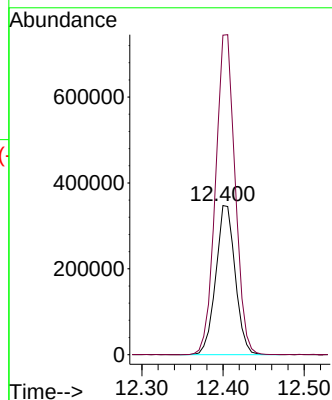
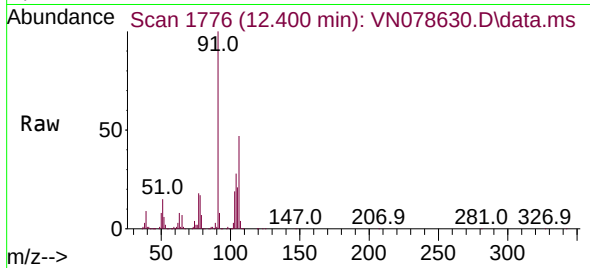
#69
o-Xylene
Concen: 55.030 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 577359
Ion Ratio Lower Upper
106 100
91 216.7 105.2 315.5

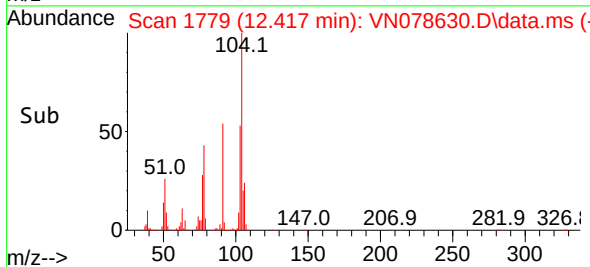
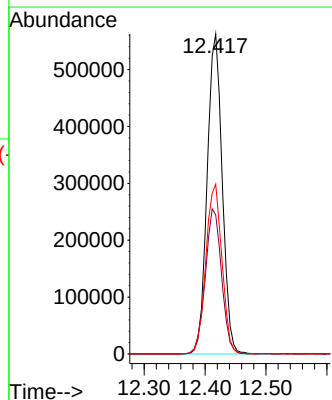
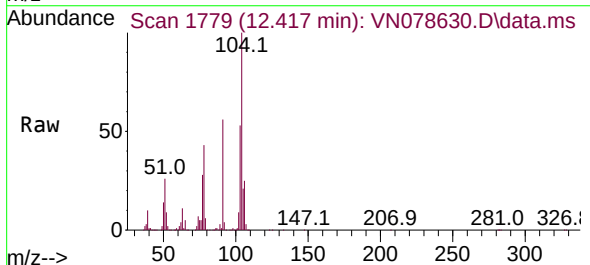
Manual Integrations
APPROVED

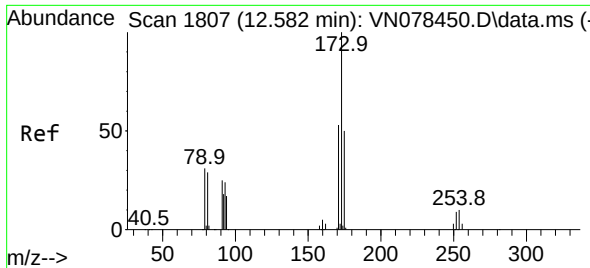
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 58.847 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion:104 Resp: 965908
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 56.7 43.2 64.8





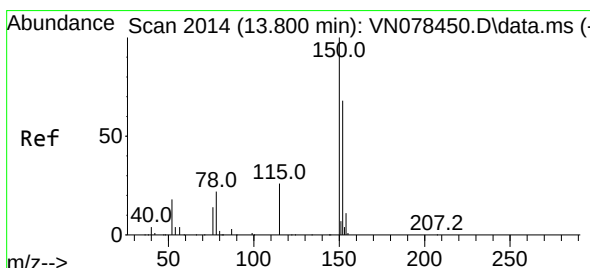
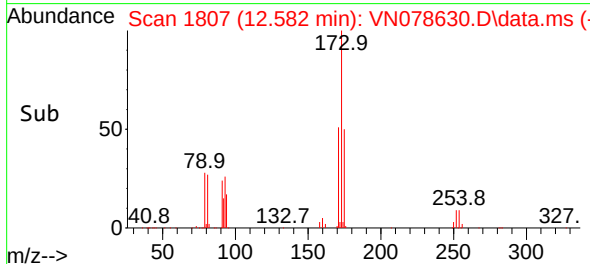
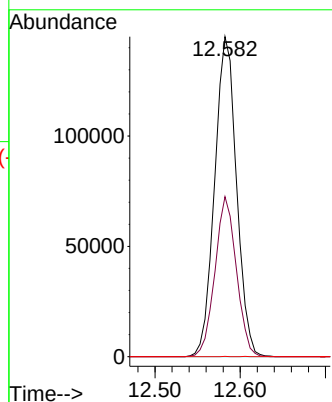
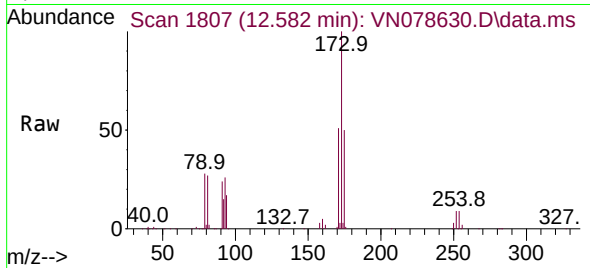
#71
Bromoform
Concen: 59.671 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 25839
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

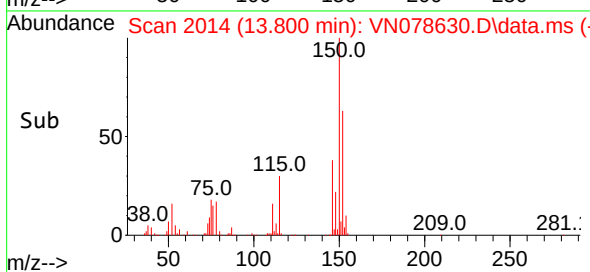
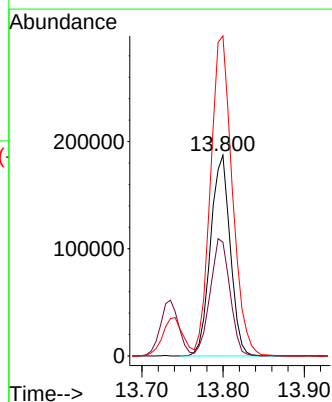
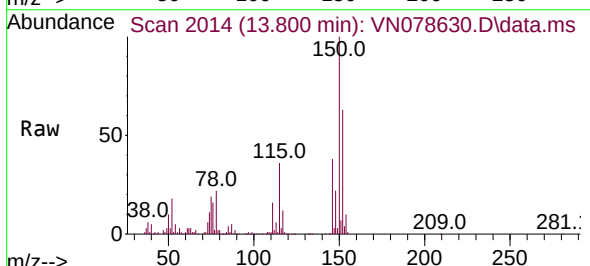
Manual Integrations
APPROVED

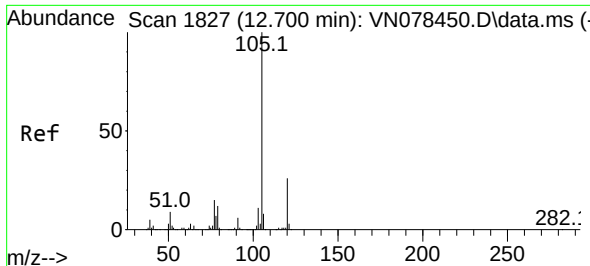
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

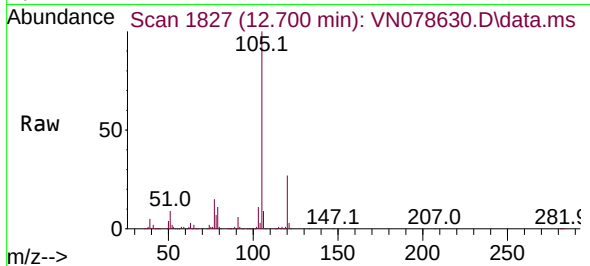
Tgt Ion:152 Resp: 315325
Ion Ratio Lower Upper
152 100
115 58.5 32.3 96.8
150 176.0 0.0 355.8





#73
Isopropylbenzene
Concen: 49.774 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

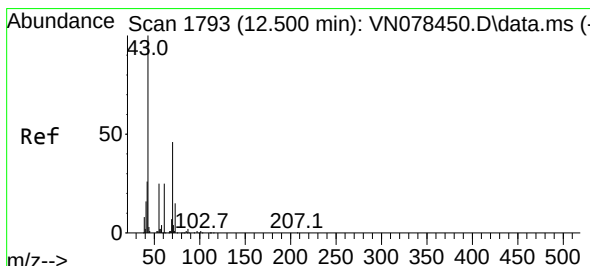
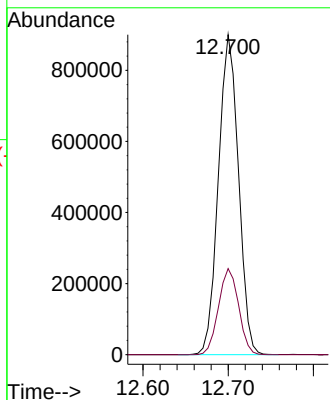
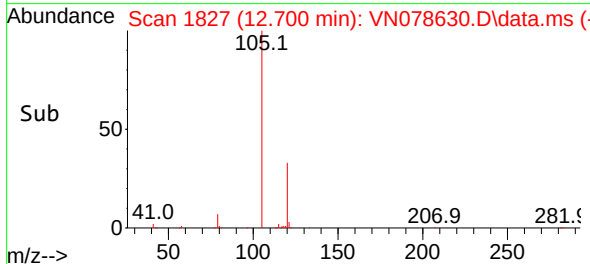
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 147476
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

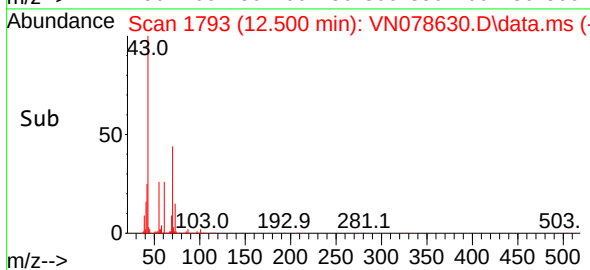
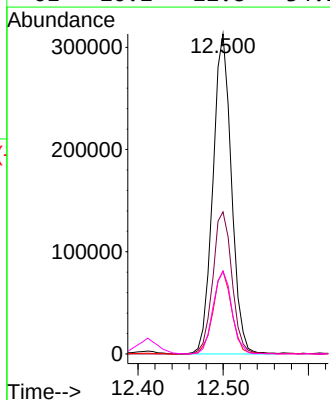
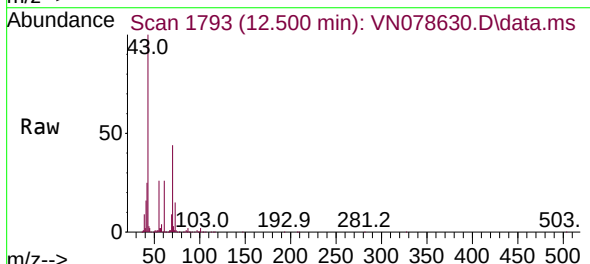
Manual Integrations
APPROVED

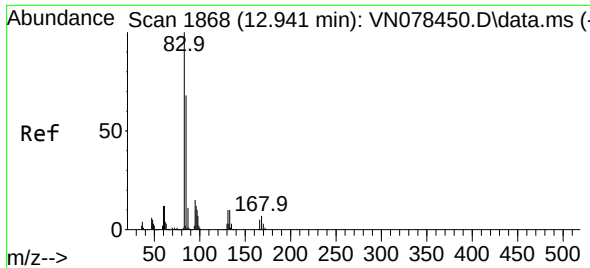
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#74
N-ethyl acetate
Concen: 46.395 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

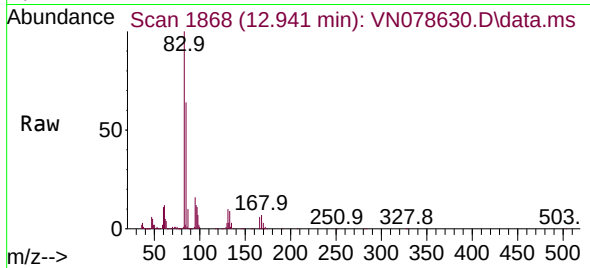
Tgt Ion: 43 Resp: 473734
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.9 21.4 32.0
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.474 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

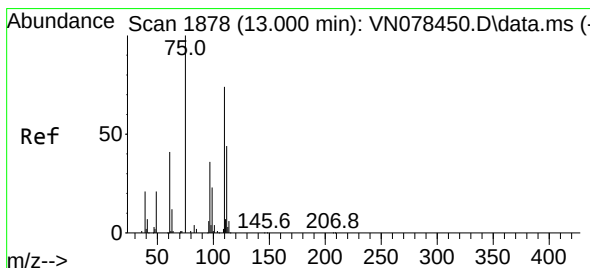
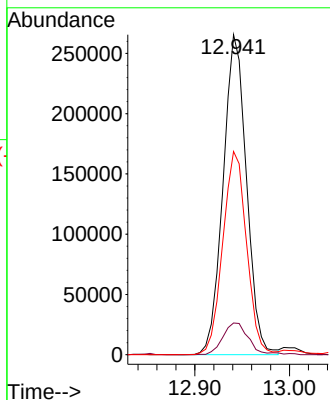
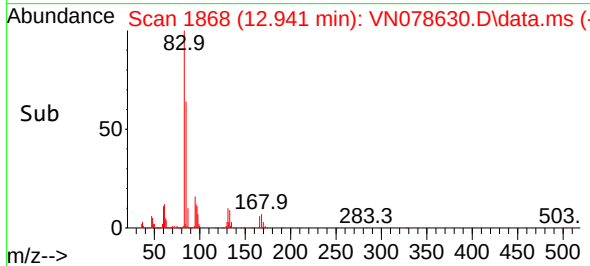
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 45627
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 64.3 31.9 95.7

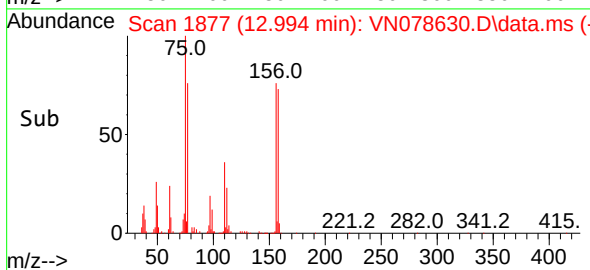
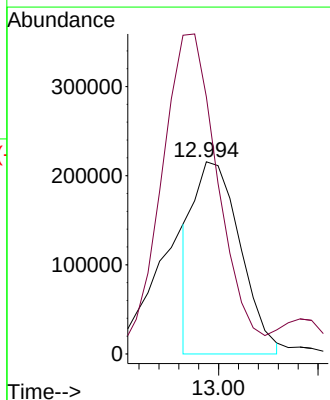
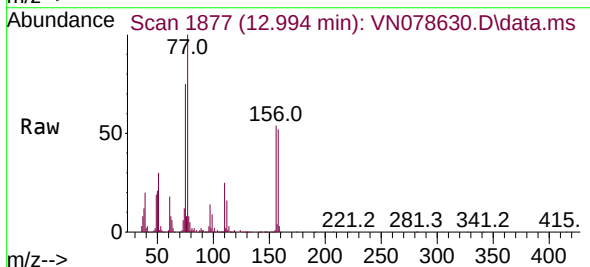
Manual Integrations
APPROVED

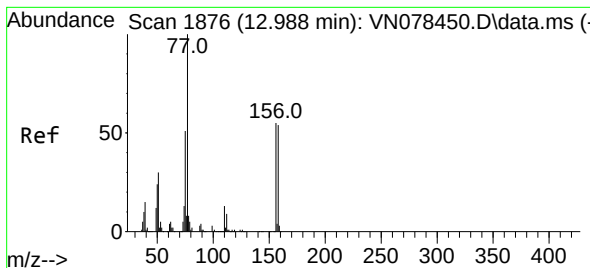
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#76
1,2,3-Trichloropropane
Concen: 45.930 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

Tgt Ion: 75 Resp: 350071
Ion Ratio Lower Upper
75 100
77 205.1 84.5 253.5





#77

Bromobenzene

Concen: 55.825 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

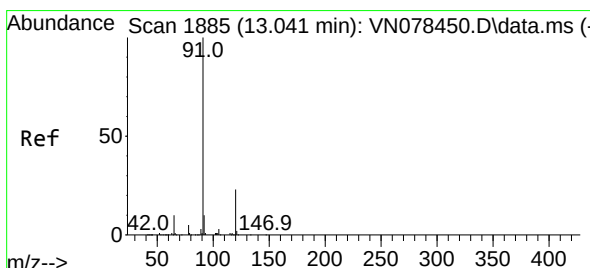
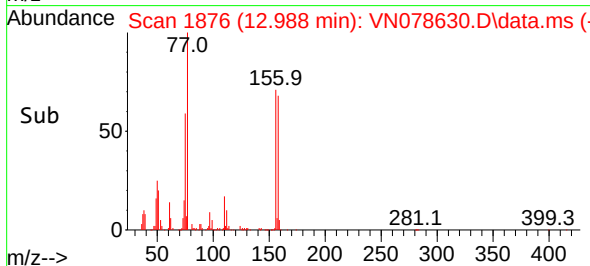
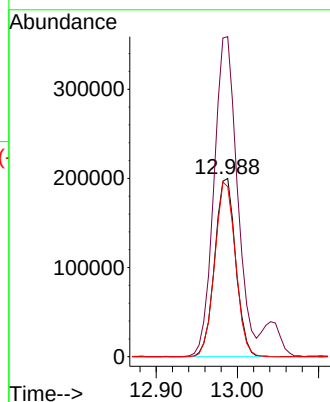
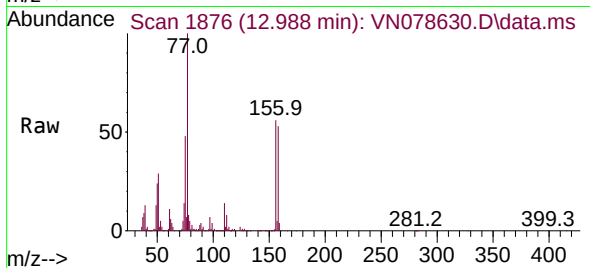
Tgt Ion:156 Resp: 35854
 Ion Ratio Lower Upper
 156 100
 77 200.2 107.7 323.3
 158 97.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#78

n-propylbenzene

Concen: 51.531 ug/l

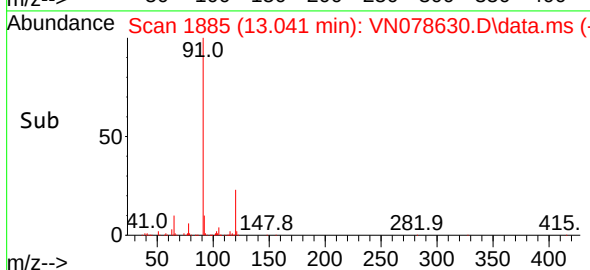
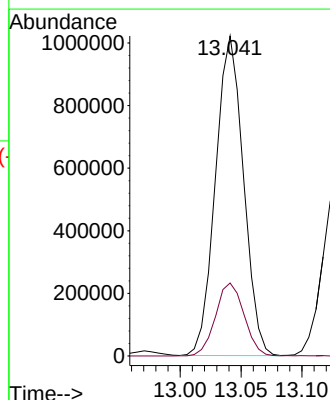
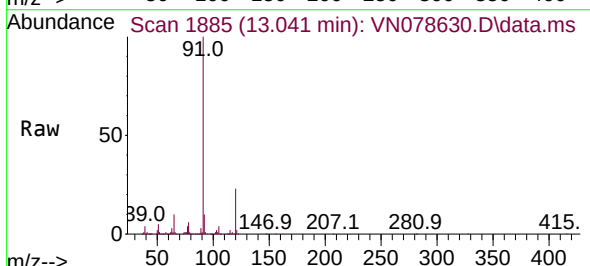
RT: 13.041 min Scan# 1885

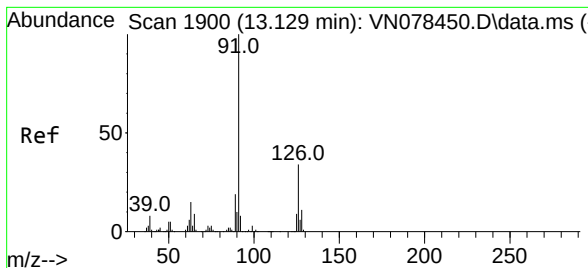
Delta R.T. -0.000 min

Lab File: VN078630.D

Acq: 24 Jul 2023 10:06

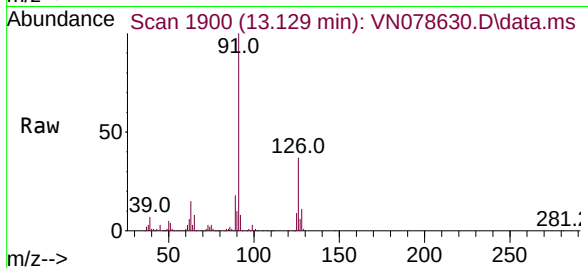
Tgt Ion: 91 Resp: 1632870
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.037 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

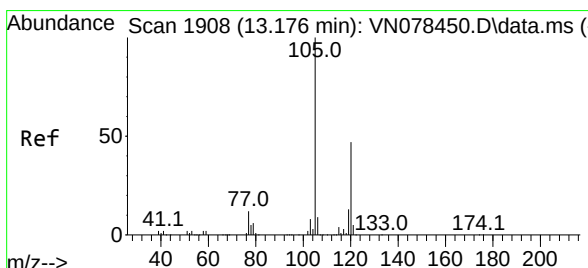
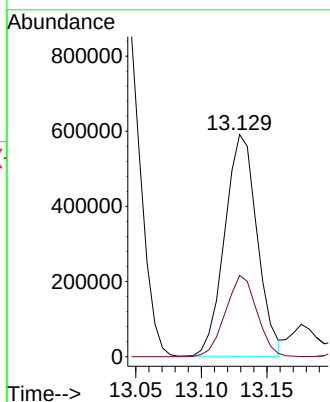
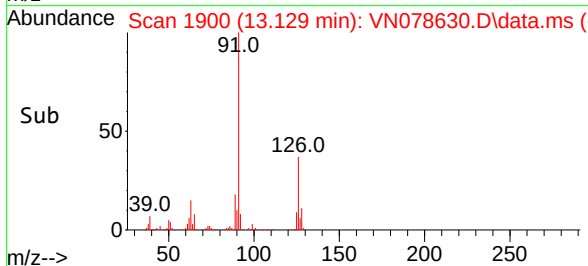
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



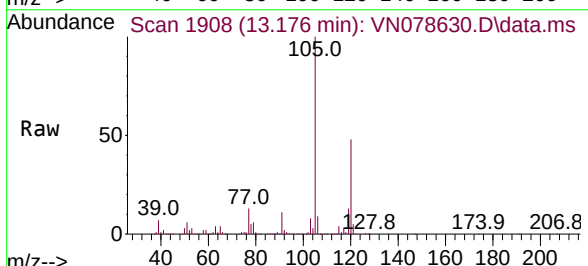
Tgt Ion: 91 Resp: 1017784
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

Manual Integrations
APPROVED

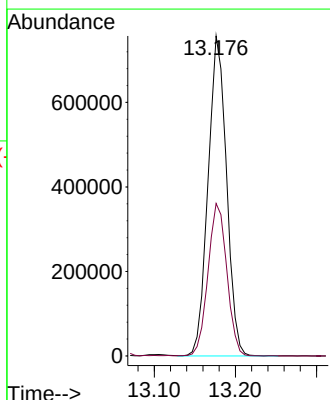
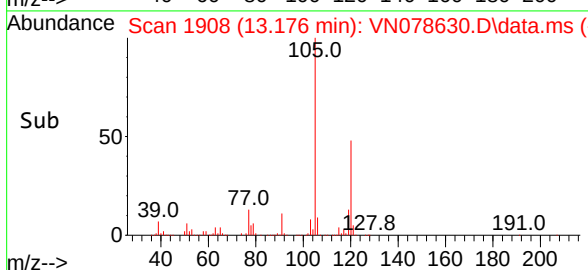
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

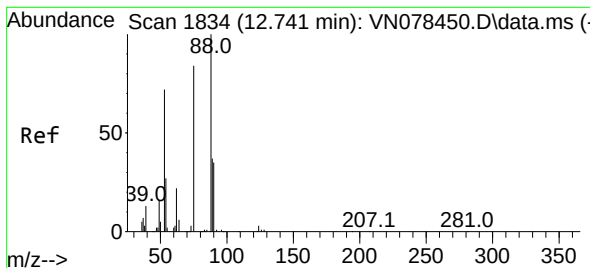


#80
1,3,5-Trimethylbenzene
Concen: 51.078 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



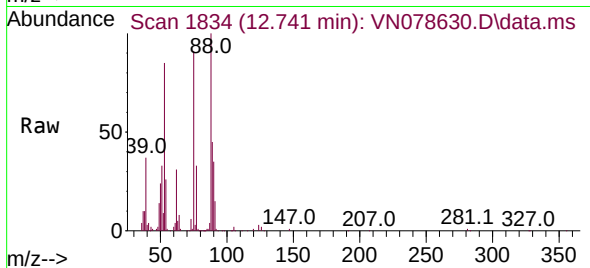
Tgt Ion:105 Resp: 1195783
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.690 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

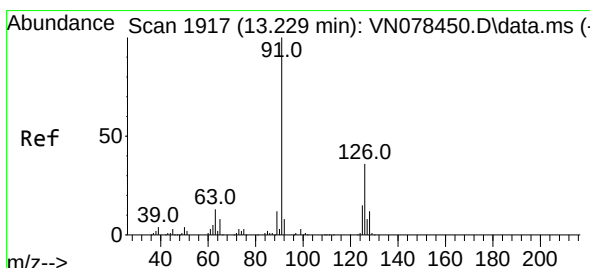
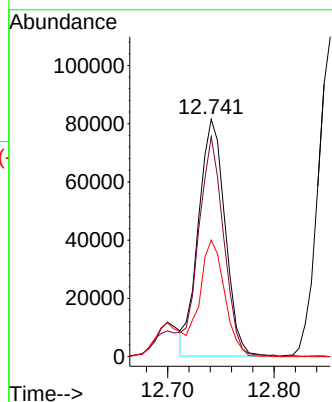
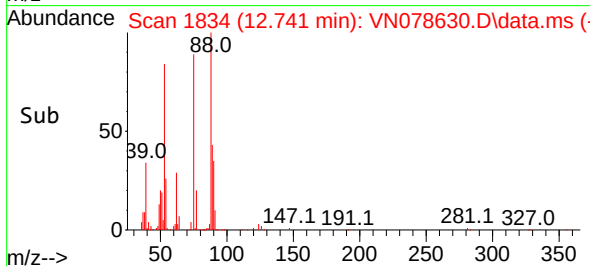
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 141222
Ion Ratio Lower Upper
75 100
53 98.8 67.4 101.2
89 46.1 38.8 58.2

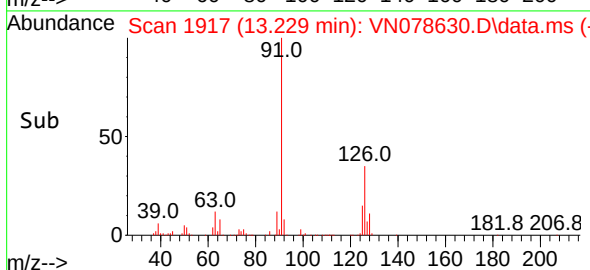
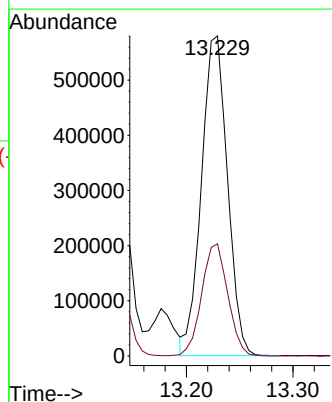
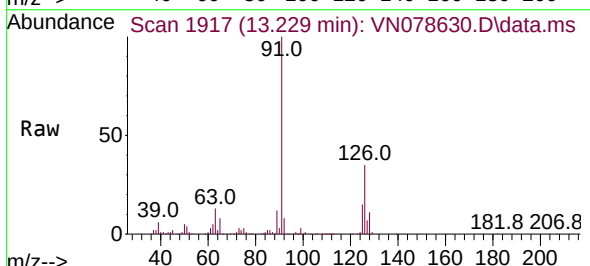
Manual Integrations
APPROVED

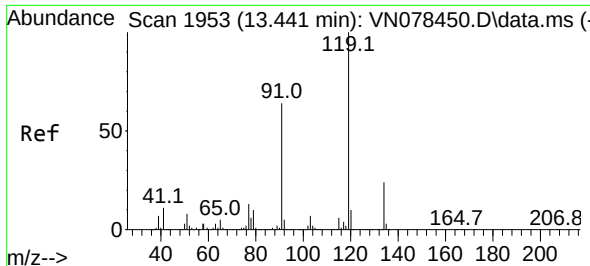
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 50.802 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

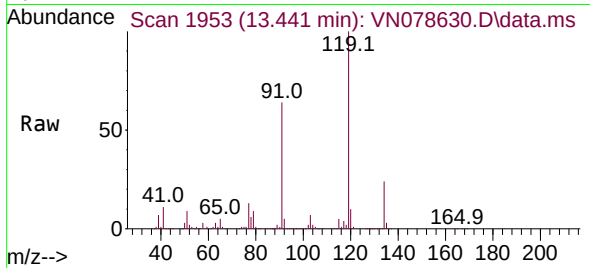
Tgt Ion: 91 Resp: 983627
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 51.093 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

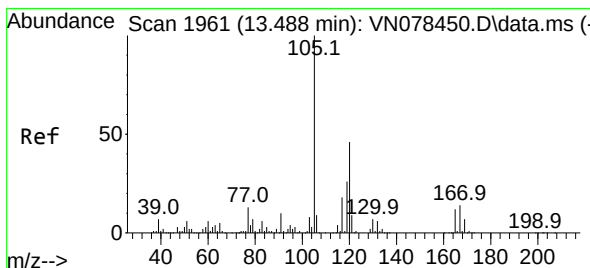
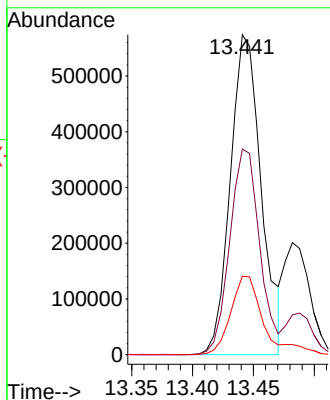
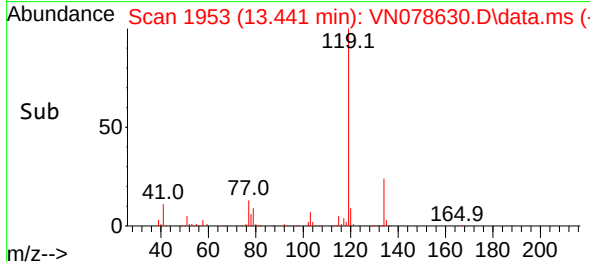
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



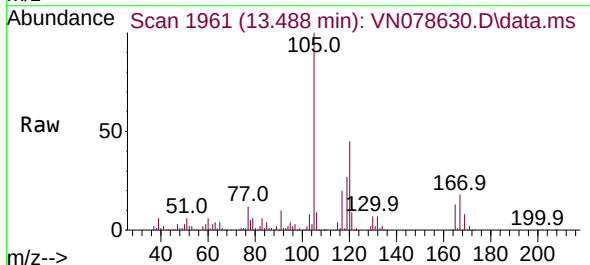
Tgt Ion:119 Resp: 1015510
Ion Ratio Lower Upper
119 100
91 62.1 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

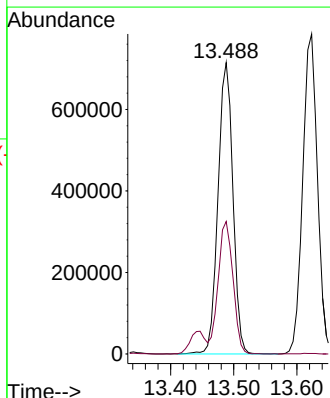
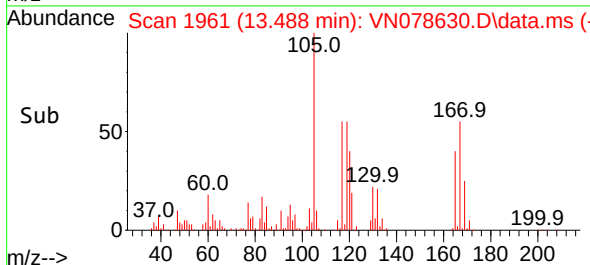
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

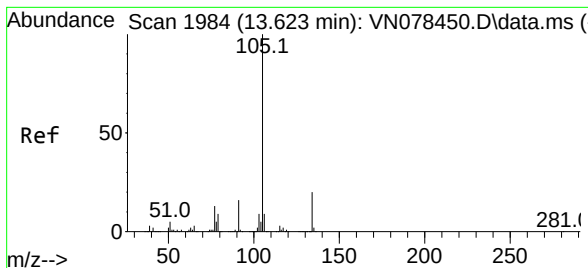


#84
1,2,4-Trimethylbenzene
Concen: 51.525 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



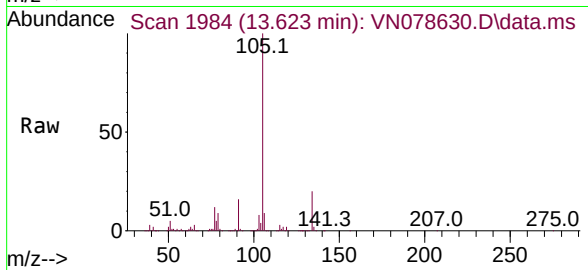
Tgt Ion:105 Resp: 1171669
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.503 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06

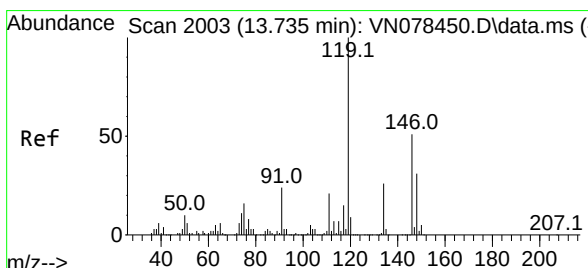
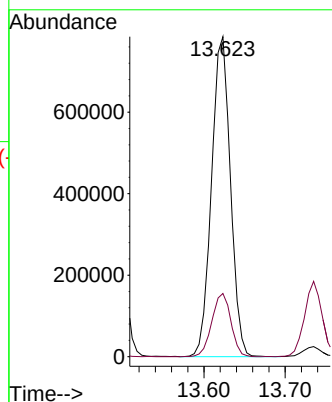
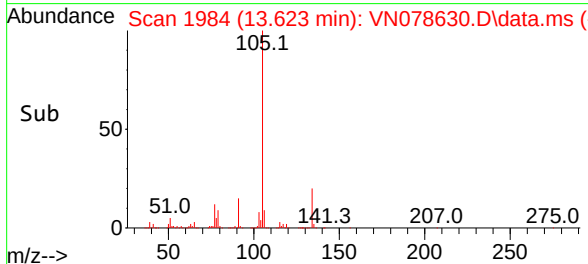
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1268790
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

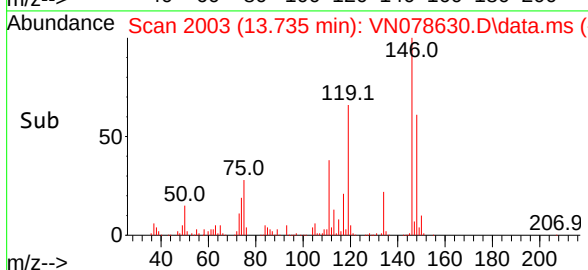
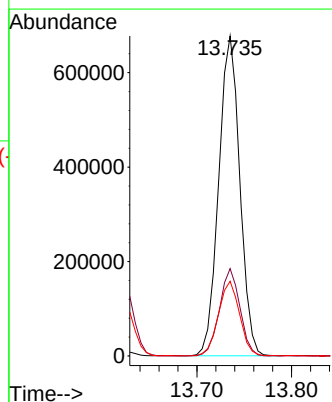
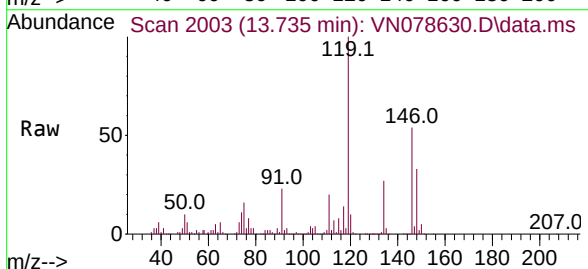
Manual Integrations
 APPROVED

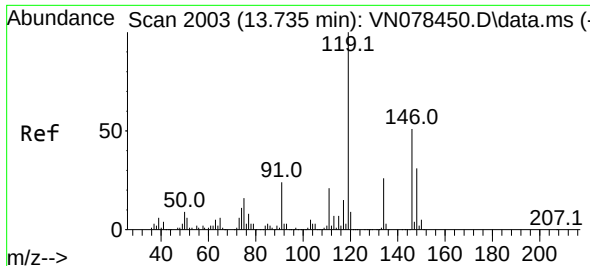
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#86
 p-Isopropyltoluene
 Concen: 51.989 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078630.D
 Acq: 24 Jul 2023 10:06

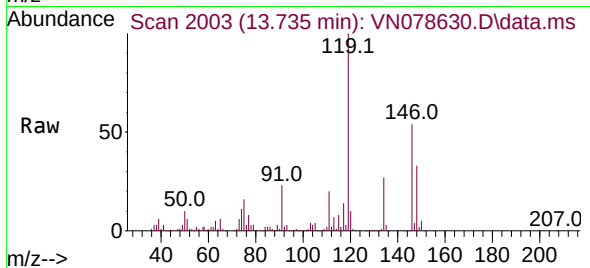
Tgt Ion:119 Resp: 1048762
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 54.175 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

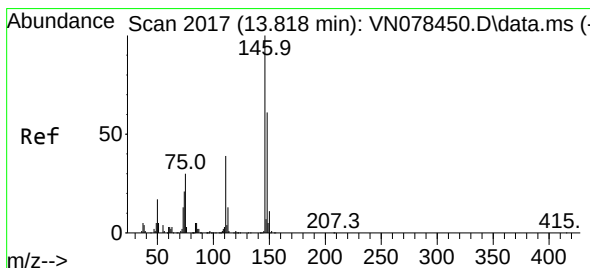
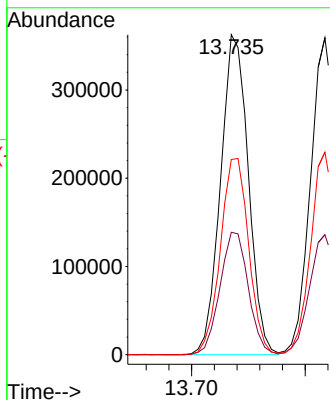
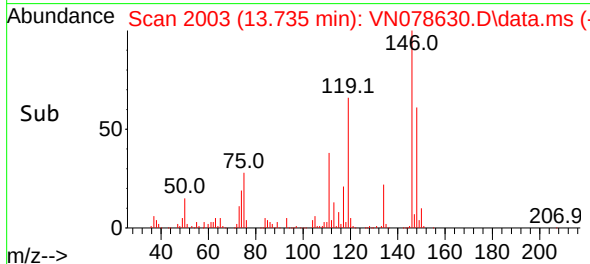
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



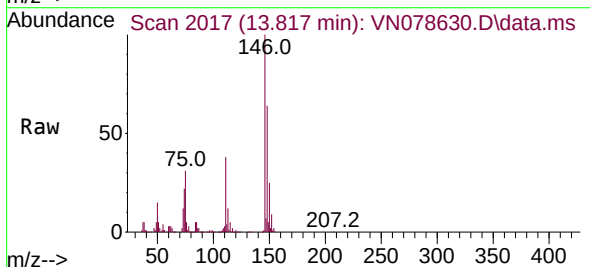
Tgt Ion:146 Resp: 616214
Ion Ratio Lower Upper
146 100
111 39.0 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

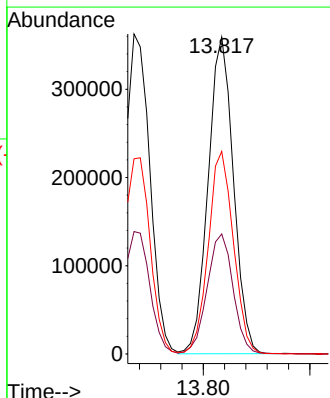
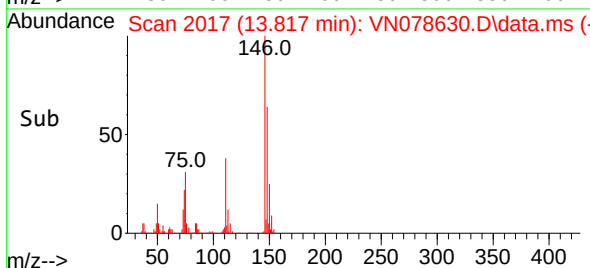
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

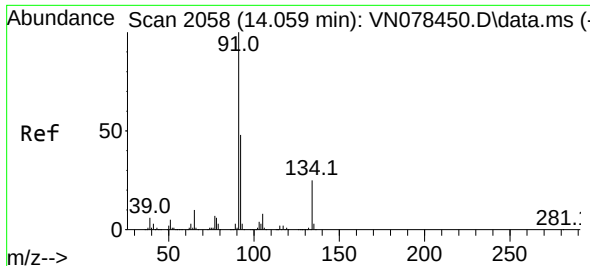


#88
1,4-Dichlorobenzene
Concen: 51.614 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



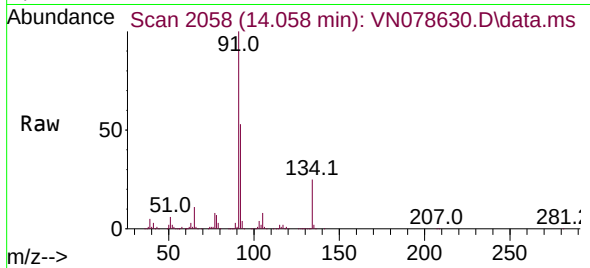
Tgt Ion:146 Resp: 591346
Ion Ratio Lower Upper
146 100
111 38.7 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 53.861 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

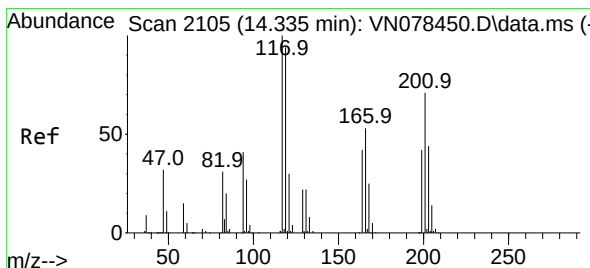
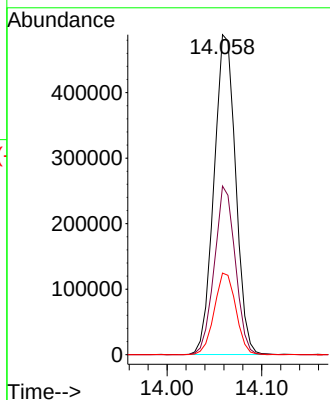
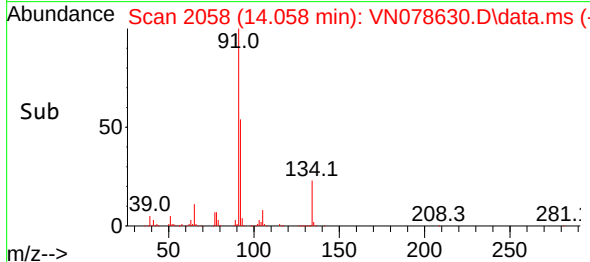
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 777425
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.4 12.6 37.6

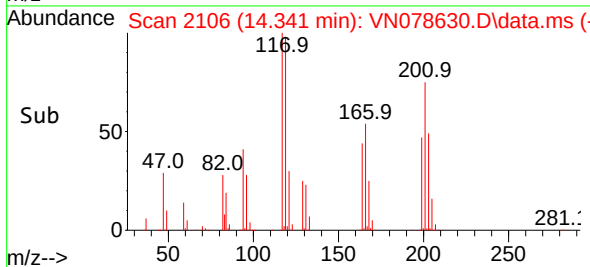
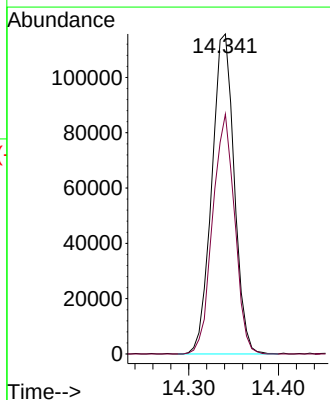
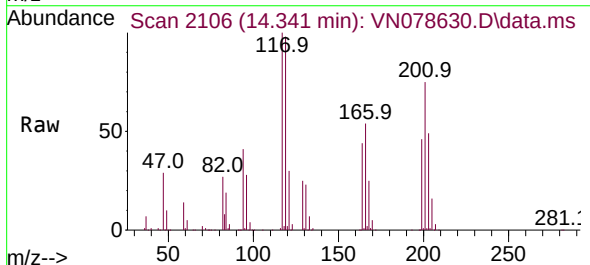
Manual Integrations
APPROVED

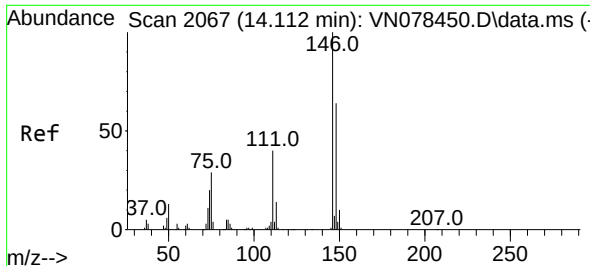
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 54.244 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

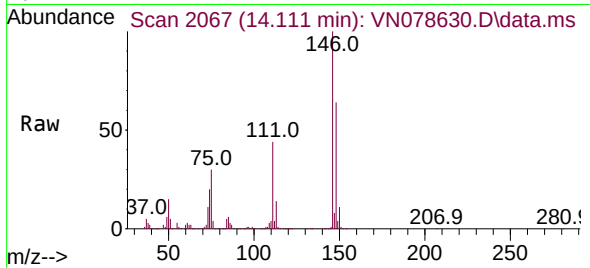
Tgt Ion:117 Resp: 200866
Ion Ratio Lower Upper
117 100
201 73.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.563 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

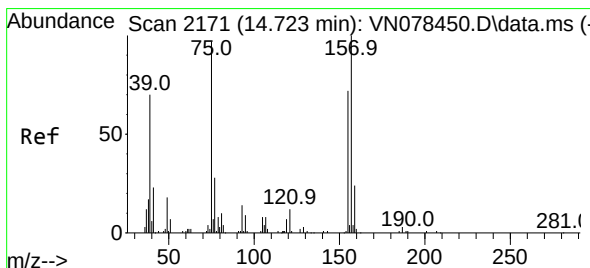
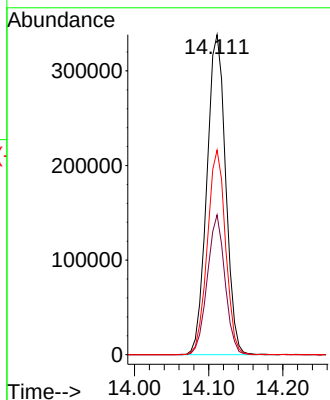
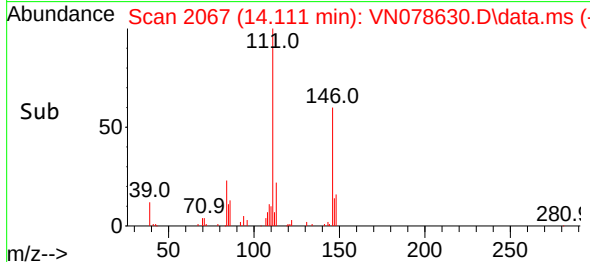
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 595000
Ion Ratio Lower Upper
146 100
111 41.2 22.0 66.0
148 61.8 31.8 95.3

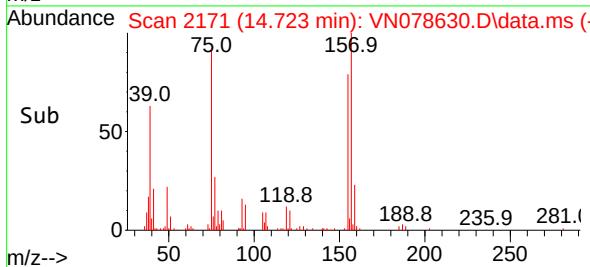
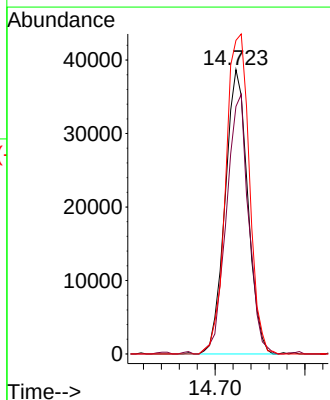
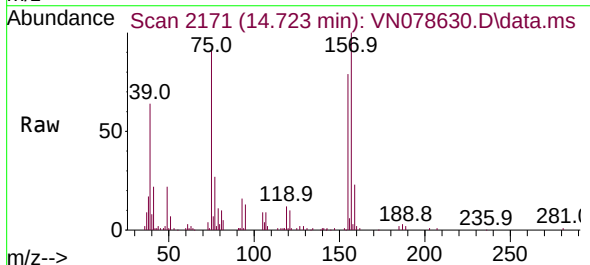
Manual Integrations
APPROVED

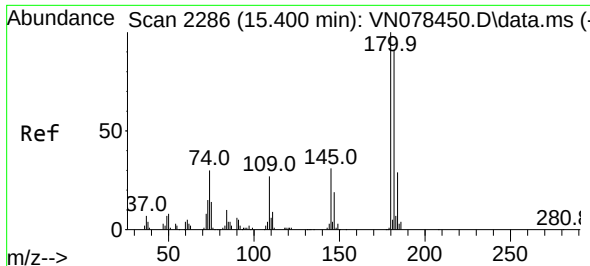
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

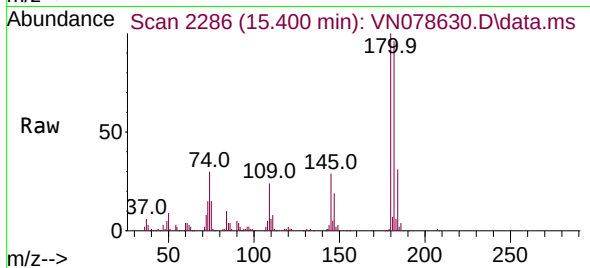
Tgt Ion: 75 Resp: 67803
Ion Ratio Lower Upper
75 100
155 89.2 39.1 117.2
157 116.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 52.871 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

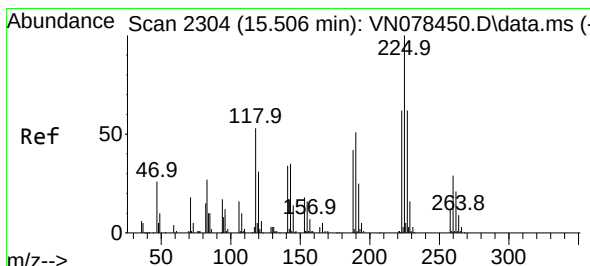
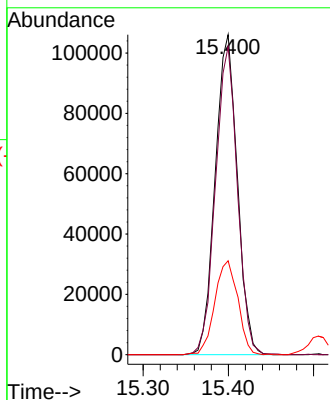
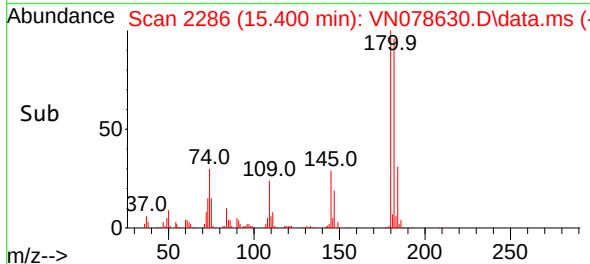
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 191008
Ion Ratio Lower Upper
180 100
182 95.3 46.1 138.2
145 30.7 16.6 49.8

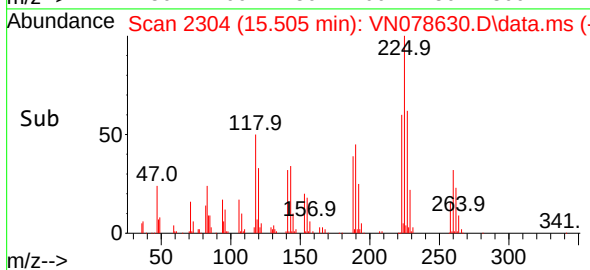
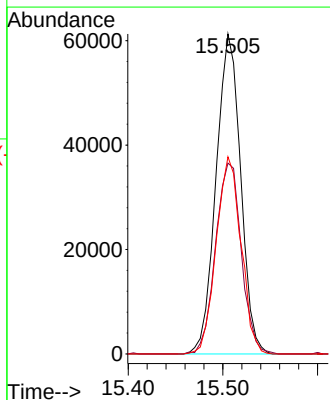
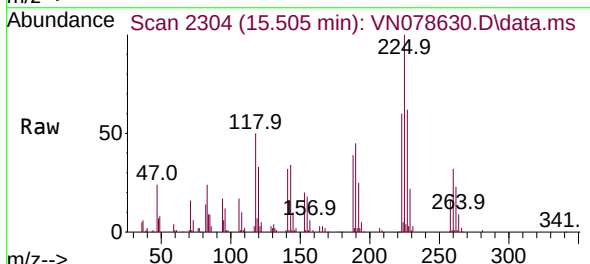
Manual Integrations
APPROVED

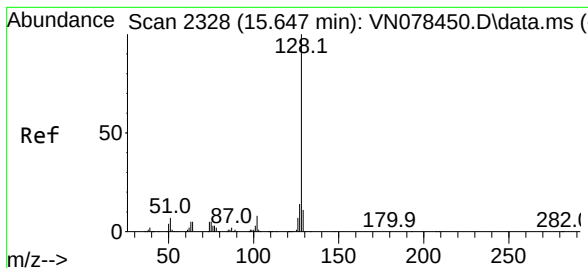
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#94
Hexachlorobutadiene
Concen: 59.922 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

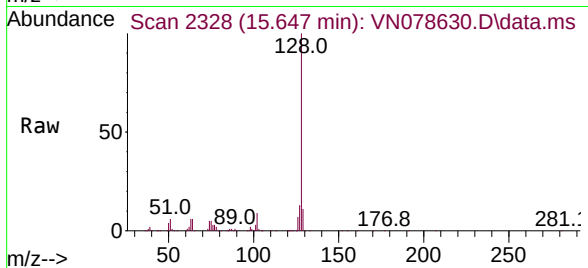
Tgt Ion:225 Resp: 110455
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 62.2 31.9 95.9





#95
Naphthalene
Concen: 45.628 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06

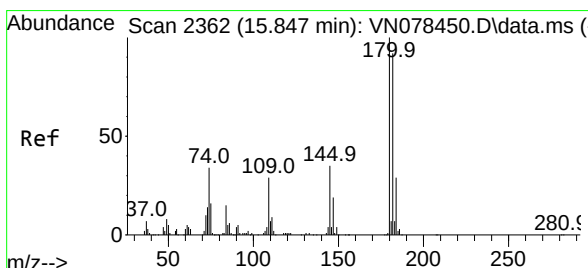
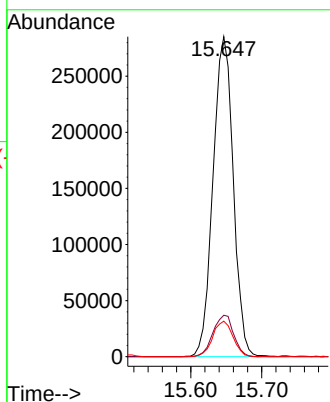
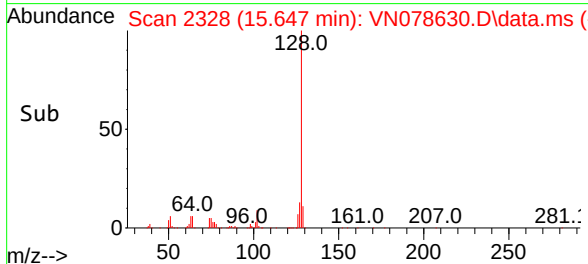
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



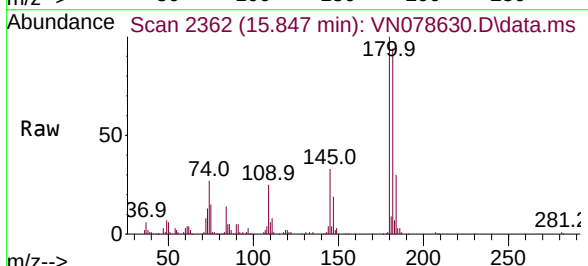
Tgt Ion:128 Resp: 563534
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.374 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078630.D
Acq: 24 Jul 2023 10:06



Tgt Ion:180 Resp: 213411
Ion Ratio Lower Upper
180 100
182 91.4 46.2 138.6
145 32.0 17.5 52.6

