

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078431.D
 Acq On : 28 Jun 2023 10:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 05:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	438811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	765397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	672938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282539	48.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.580%		
35) Dibromofluoromethane	8.171	113	247272	51.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.180%		
50) Toluene-d8	10.571	98	893448	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.853	95	293165	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	188361	37.974	ug/l	90
3) Chloromethane	2.371	50	219870	47.007	ug/l	96
4) Vinyl Chloride	2.524	62	305683	47.062	ug/l	97
5) Bromomethane	2.948	94	217314	44.271	ug/l	100
6) Chloroethane	3.118	64	210451	47.530	ug/l	99
7) Trichlorofluoromethane	3.506	101	412260	46.805	ug/l	96
8) Diethyl Ether	3.965	74	144643	46.736	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	225262	48.459	ug/l	98
10) Methyl Iodide	4.600	142	306714	46.656	ug/l	100
11) Tert butyl alcohol	5.536	59	183626	227.299	ug/l	98
12) 1,1-Dichloroethene	4.348	96	212710	44.390	ug/l	97
13) Acrolein	4.183	56	253719	284.960	ug/l	97
14) Allyl chloride	5.036	41	287231	49.105	ug/l	96
15) Acrylonitrile	5.730	53	520380	249.848	ug/l	98
16) Acetone	4.442	43	407132	241.758	ug/l	100
17) Carbon Disulfide	4.718	76	523413	42.437	ug/l	98
18) Methyl Acetate	5.036	43	365653	47.161	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	748665	48.969	ug/l	98
20) Methylene Chloride	5.283	84	251319	45.161	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	240147	46.466	ug/l	94
22) Diisopropyl ether	6.683	45	709040	51.532	ug/l	94
23) Vinyl Acetate	6.612	43	2428866m	296.964	ug/l	
24) 1,1-Dichloroethane	6.577	63	446541	49.197	ug/l	98
25) 2-Butanone	7.488	43	652848	252.094	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	383488	57.221	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	284701	46.182	ug/l	92
28) Bromochloromethane	7.818	49	202978	48.706	ug/l	93
29) Tetrahydrofuran	7.847	42	422297	243.929	ug/l	86
30) Chloroform	7.971	83	488387	49.969	ug/l	95
31) Cyclohexane	8.259	56	331166	44.125	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	421500	49.122	ug/l	98
36) 1,1-Dichloropropene	8.377	75	343555	49.492	ug/l	98
37) Ethyl Acetate	7.565	43	268086	49.436	ug/l #	93
38) Carbon Tetrachloride	8.371	117	378628	51.656	ug/l	94
39) Methylcyclohexane	9.606	83	308722	42.914	ug/l	94
40) Benzene	8.612	78	1052950	50.808	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	147405	50.149	ug/l	92
42) 1,2-Dichloroethane	8.677	62	365611	51.454	ug/l	98
43) Isopropyl Acetate	8.694	43	486601	46.920	ug/l	95
44) Trichloroethene	9.359	130	274339	50.126	ug/l	99
45) 1,2-Dichloropropane	9.630	63	277572	53.833	ug/l	99
46) Dibromomethane	9.712	93	194294	51.159	ug/l	94
47) Bromodichloromethane	9.894	83	384494	54.503	ug/l	98
48) Methyl methacrylate	9.688	41	227276	52.220	ug/l	89
49) 1,4-Dioxane	9.700	88	89366	976.950	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	1419079	259.846	ug/l	94
52) Toluene	10.635	92	663162	50.683	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	416538	56.695	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	440052	54.184	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	269517	54.451	ug/l	98
56) Ethyl methacrylate	10.876	69	383840	53.258	ug/l	93
57) 1,3-Dichloropropane	11.171	76	447532	53.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	713687	245.128	ug/l	93
59) 2-Hexanone	11.200	43	989076	260.105	ug/l	93
60) Dibromochloromethane	11.365	129	295251	54.512	ug/l	99
61) 1,2-Dibromoethane	11.476	107	270818	52.137	ug/l	98
64) Tetrachloroethene	11.106	164	232109	51.702	ug/l	98
65) Chlorobenzene	11.894	112	719790	49.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	276472	52.160	ug/l	98
67) Ethyl Benzene	11.971	91	1261668	50.738	ug/l	99
68) m/p-Xylenes	12.076	106	960774	101.383	ug/l	99
69) o-Xylene	12.400	106	471309	50.644	ug/l	98
70) Styrene	12.418	104	757282	51.688	ug/l	96
71) Bromoform	12.582	173	191497	55.983	ug/l #	98
73) Isopropylbenzene	12.700	105	1155232	45.712	ug/l	100
74) N-amyl acetate	12.500	43	395676	47.545	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	361319	52.084	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	284288m	44.997	ug/l	
77) Bromobenzene	12.988	156	277548	47.310	ug/l	97
78) n-propylbenzene	13.041	91	1281007	46.654	ug/l	100
79) 2-Chlorotoluene	13.129	91	806179	45.486	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	949412	46.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	110733	53.848	ug/l	95
82) 4-Chlorotoluene	13.229	91	795698	48.103	ug/l	99
83) tert-Butylbenzene	13.441	119	772849	43.453	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	942201	47.497	ug/l	98
85) sec-Butylbenzene	13.623	105	974889	41.879	ug/l	99
86) p-Isopropyltoluene	13.735	119	810829	42.922	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	468972	47.259	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	449552	46.948	ug/l	100
89) n-Butylbenzene	14.059	91	619453	41.573	ug/l	98
90) Hexachloroethane	14.341	117	154484	46.081	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	452568	46.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55469	44.312	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	142078	41.117	ug/l	96
94) Hexachlorobutadiene	15.506	225	77992	45.822	ug/l	99
95) Naphthalene	15.647	128	461027	39.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	159279	41.214	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

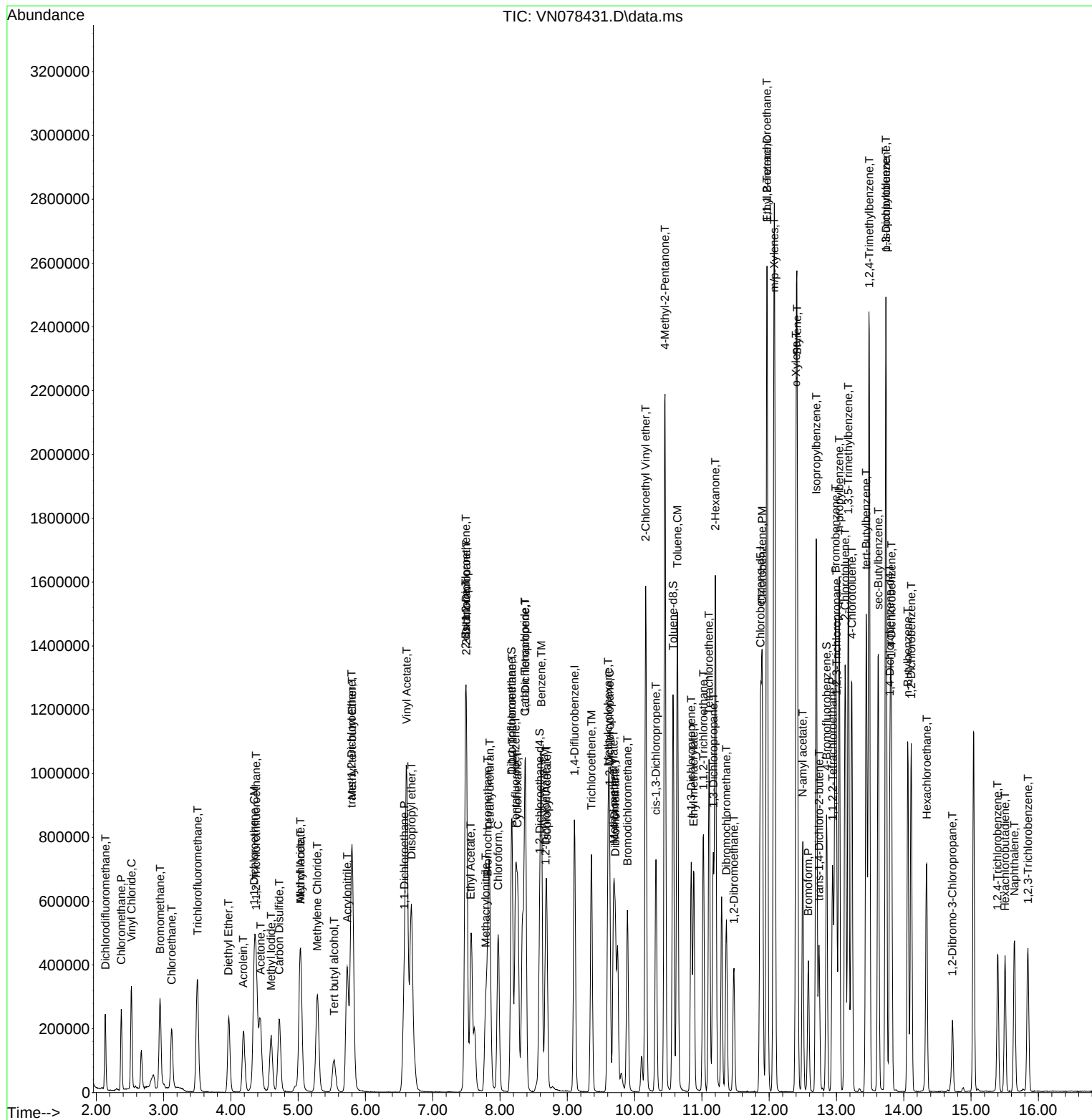
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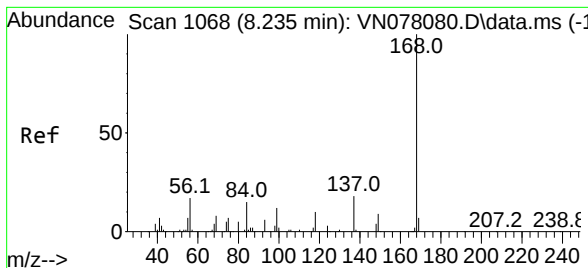
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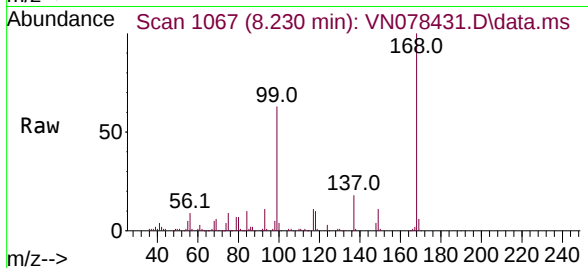
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 Supervised By : Mahesh Dadoda 06/29/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078431.D
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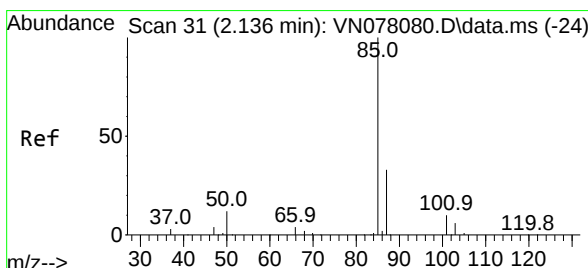
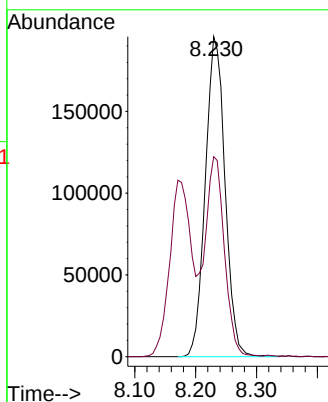
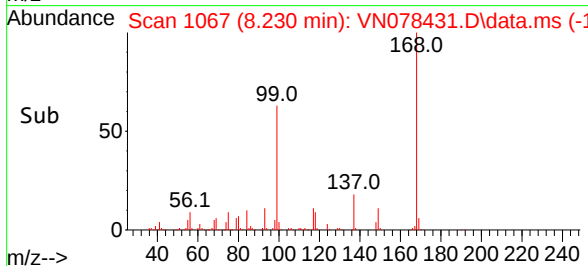
Instrument :
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ClientSampleId :
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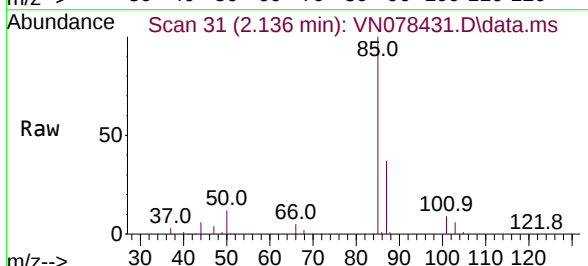
Tgt Ion:168 Resp: 43881
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6

Manual Integrations
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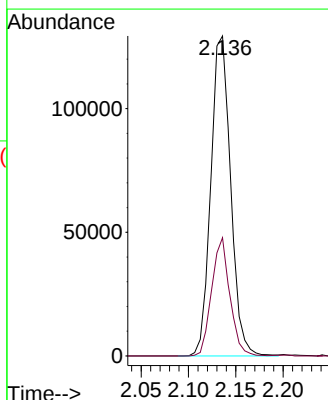
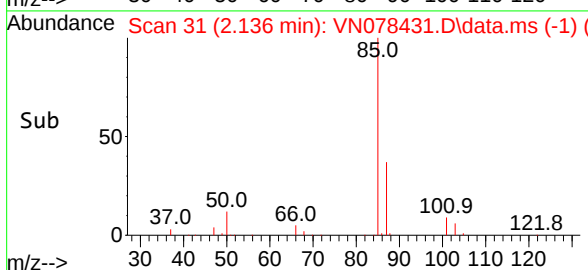
Reviewed By :John Carlone 06/29/2023
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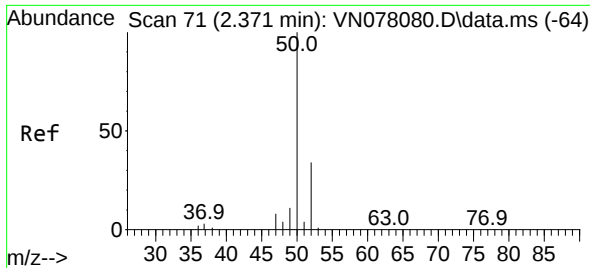


#2
Dichlorodifluoromethane
Concen: 37.974 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



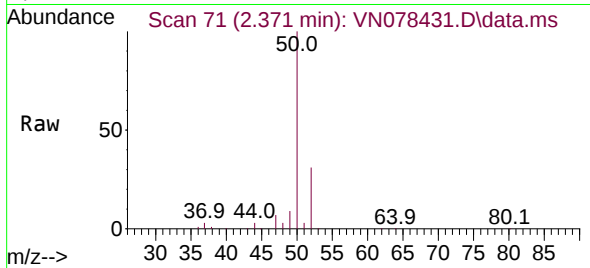
Tgt Ion: 85 Resp: 188361
Ion Ratio Lower Upper
85 100
87 36.9 15.8 47.4





#3
Chloromethane
Concen: 47.007 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

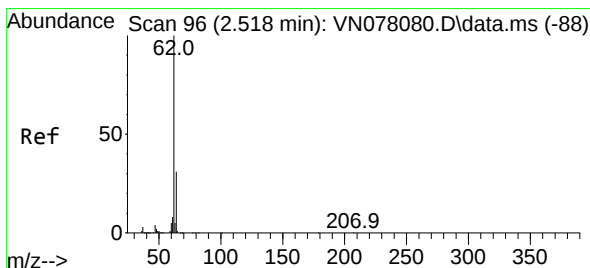
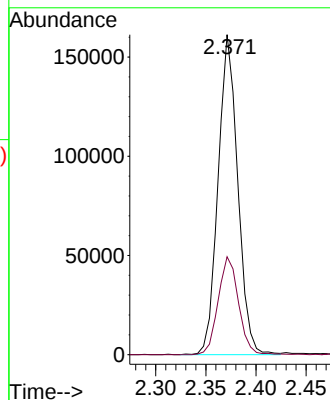
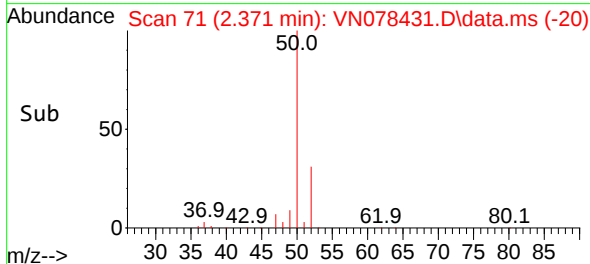
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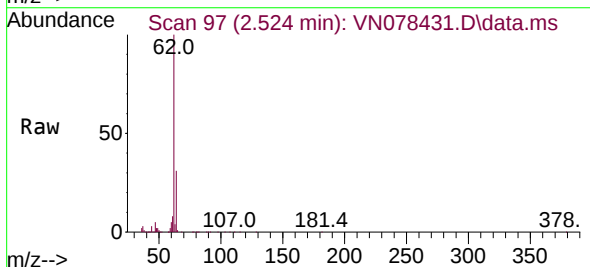
Tgt Ion: 50 Resp: 219870
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

Manual Integrations
APPROVED

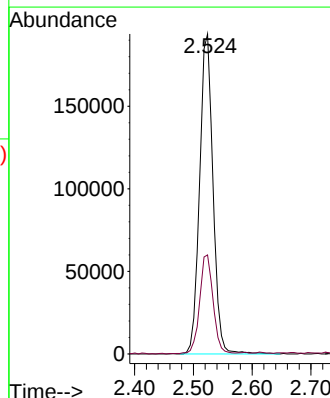
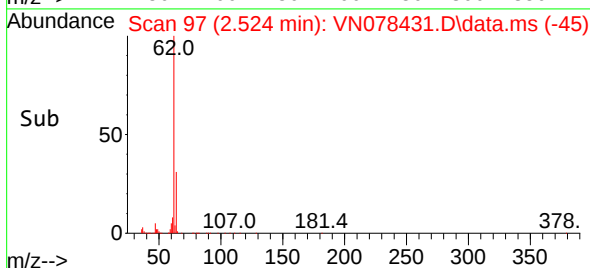
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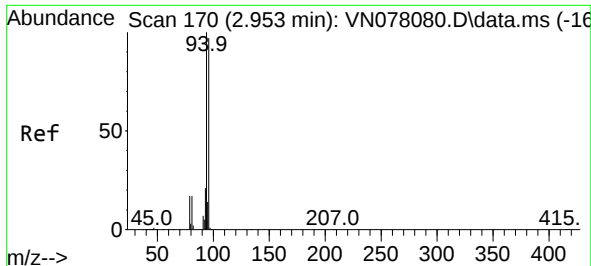


#4
Vinyl Chloride
Concen: 47.062 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



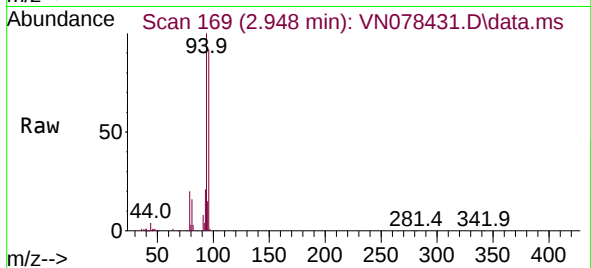
Tgt Ion: 62 Resp: 305683
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5
Bromomethane
Concen: 44.271 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN078431.D
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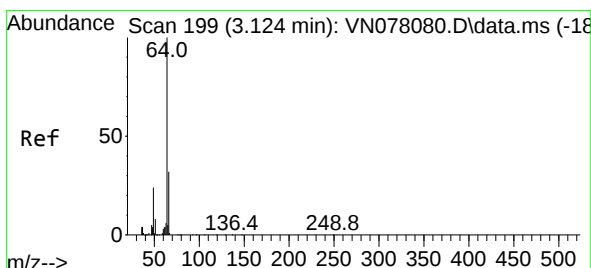
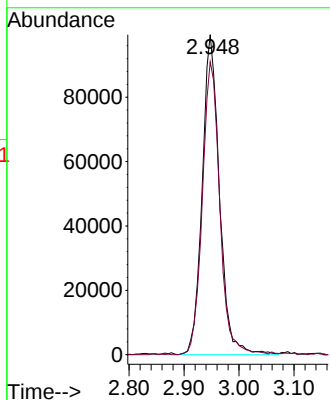
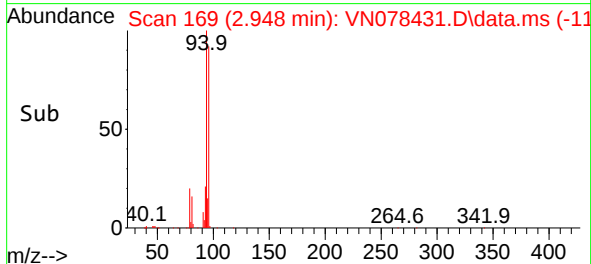
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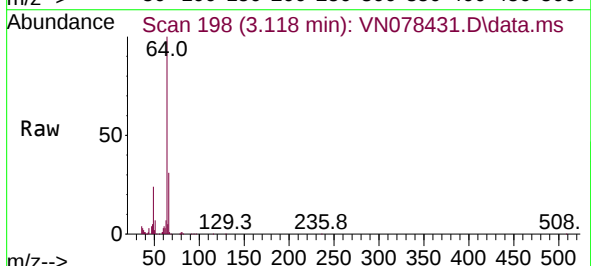
Tgt Ion: 94 Resp: 217314
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7

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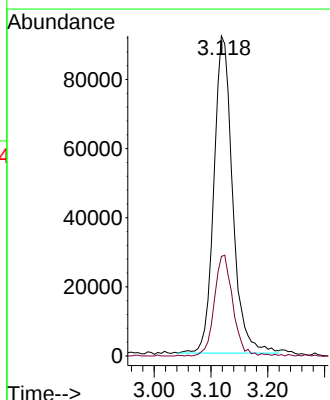
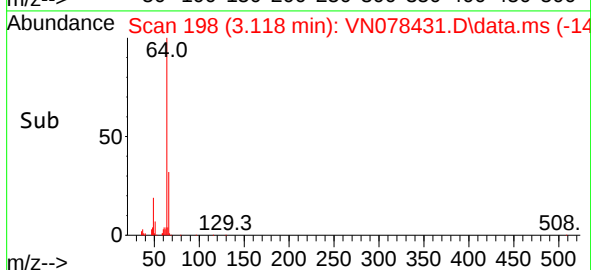
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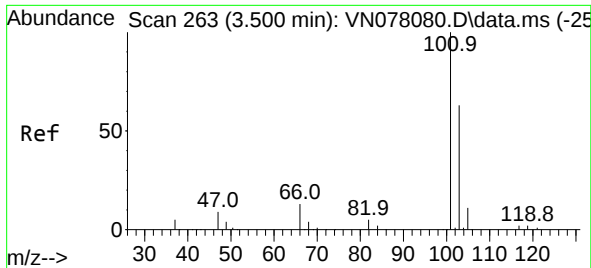


#6
Chloroethane
Concen: 47.530 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



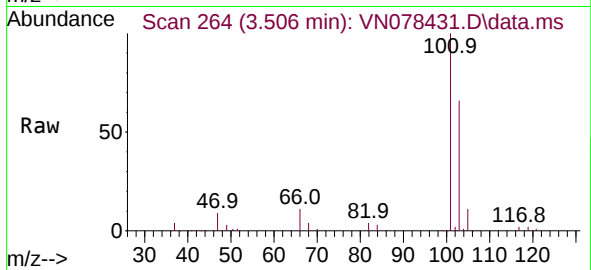
Tgt Ion: 64 Resp: 210451
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.805 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

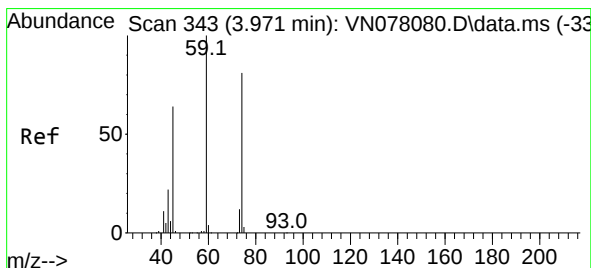
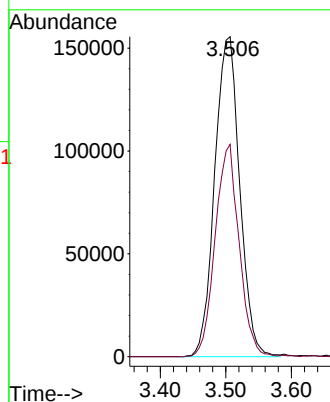
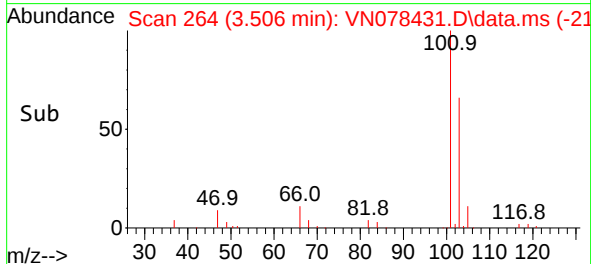
Instrument :
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Tgt Ion:101 Resp: 412260
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1

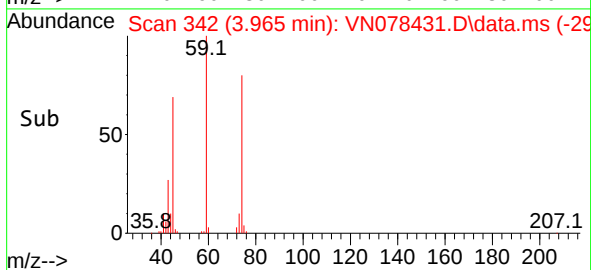
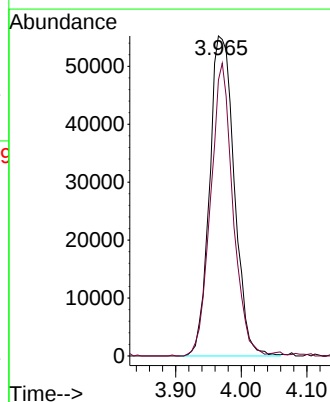
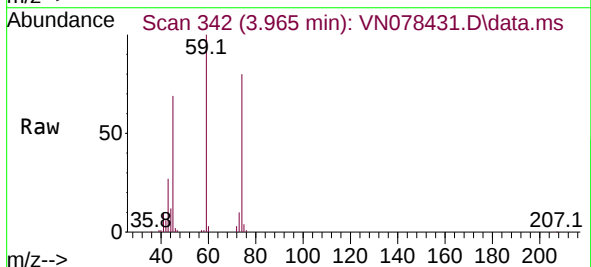
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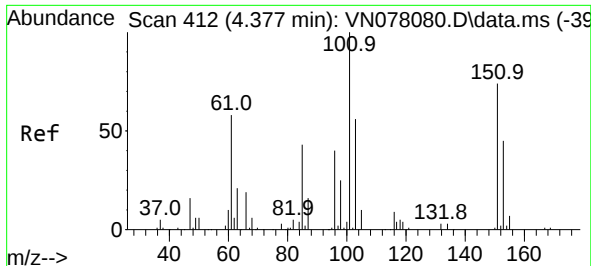
Reviewed By :John Carlone 06/29/2023
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#8
 Diethyl Ether
 Concen: 46.736 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

Tgt Ion: 74 Resp: 144643
 Ion Ratio Lower Upper
 74 100
 45 82.6 34.4 103.3





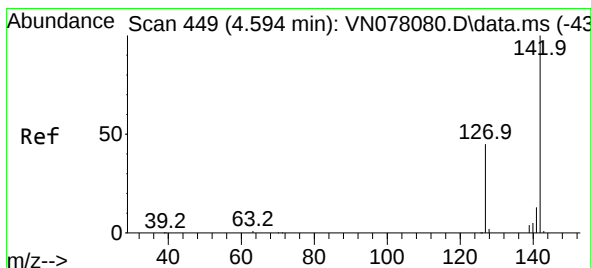
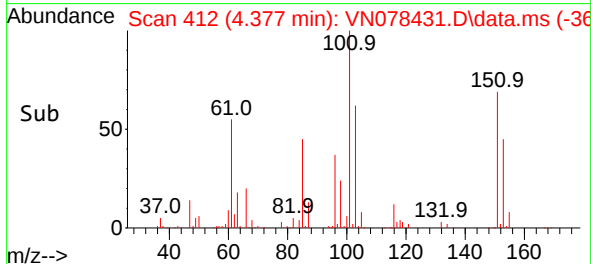
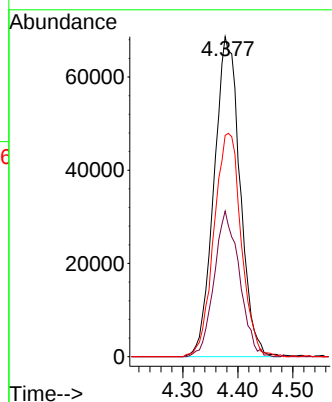
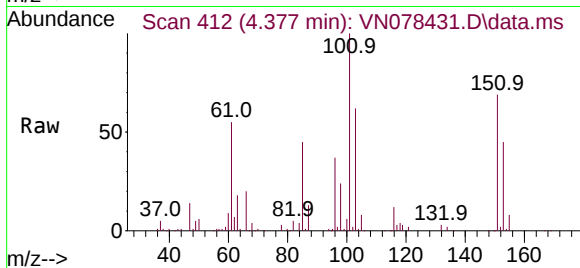
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.459 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 225262
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 73.2 57.6 86.4

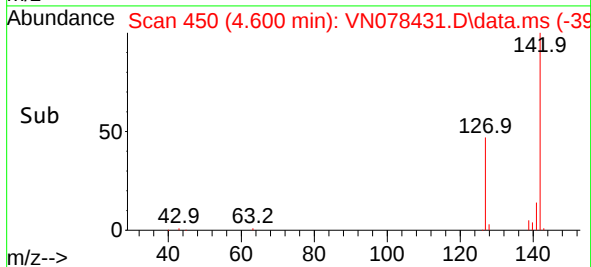
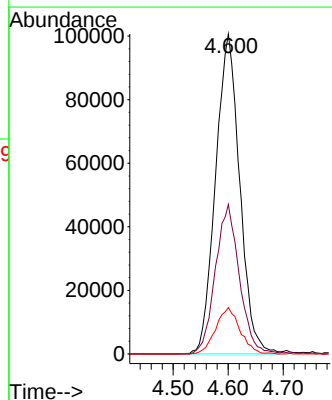
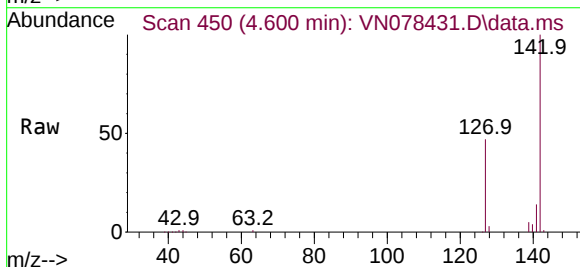
Manual Integrations
APPROVED

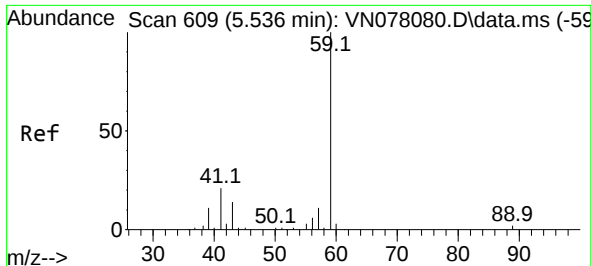
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#10
Methyl Iodide
Concen: 46.656 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

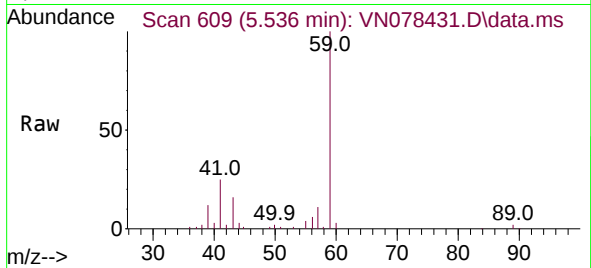
Tgt Ion:142 Resp: 306714
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 227.299 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

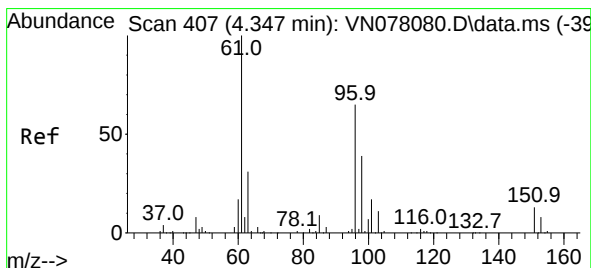
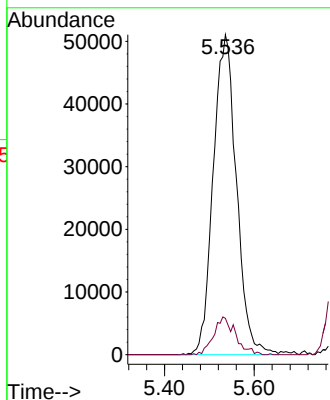
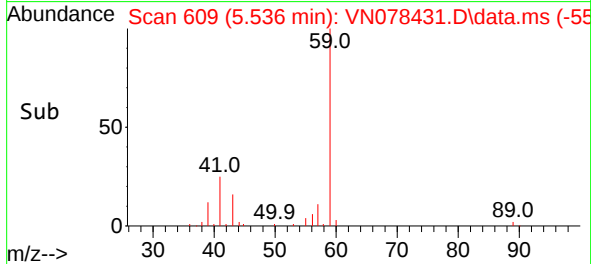
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



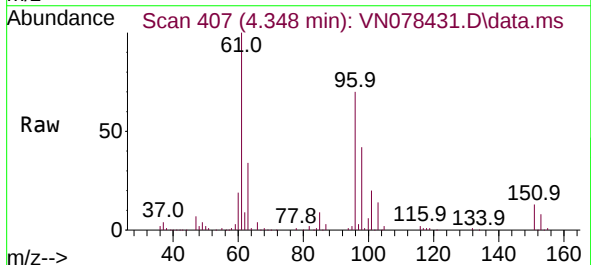
Tgt Ion: 59 Resp: 183620
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

Manual Integrations
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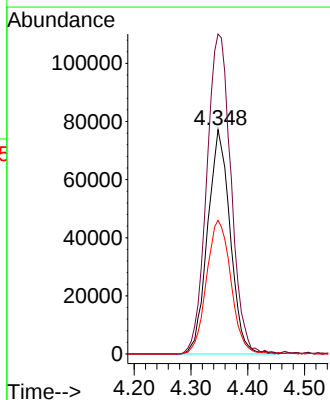
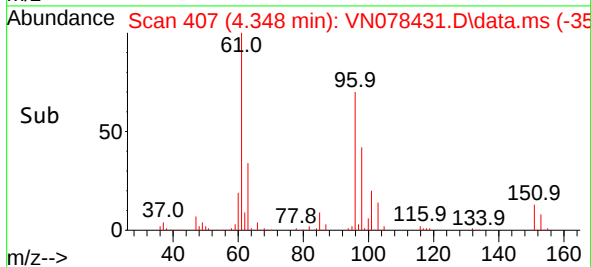
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#12
1,1-Dichloroethene
Concen: 44.390 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion: 96 Resp: 212710
Ion Ratio Lower Upper
96 100
61 142.7 112.7 169.1
98 59.5 51.2 76.8





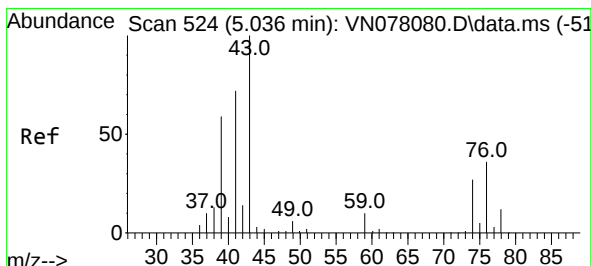
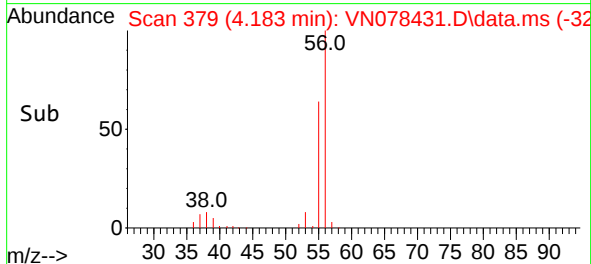
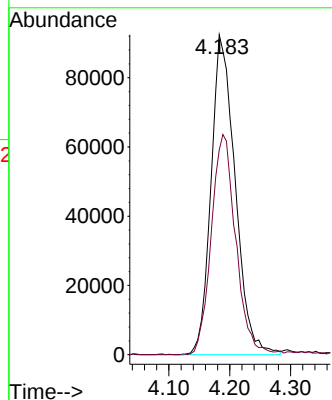
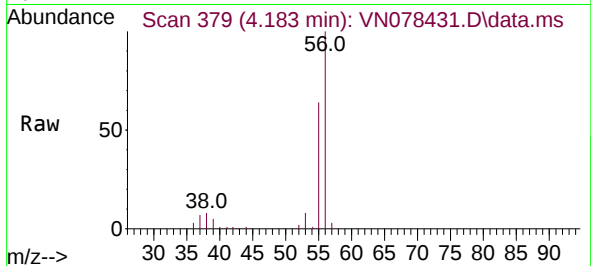
#13
Acrolein
Concen: 284.960 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 253719
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

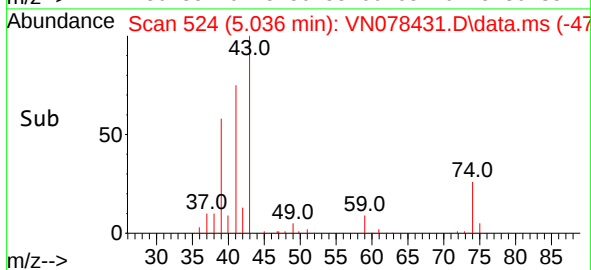
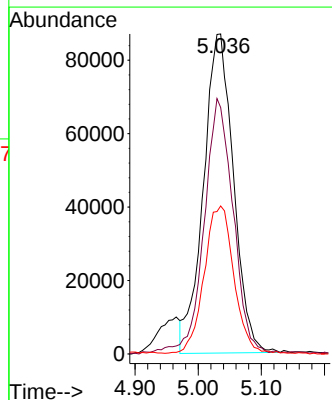
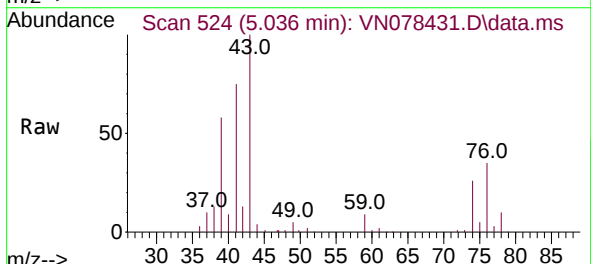
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#14
Allyl chloride
Concen: 49.105 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

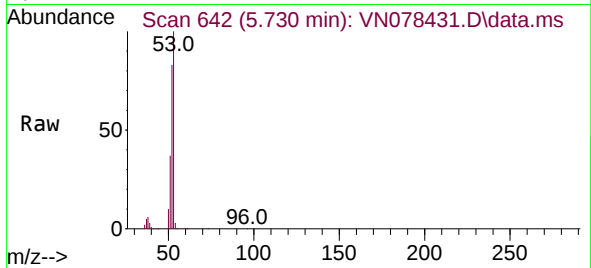
Tgt Ion: 41 Resp: 287231
Ion Ratio Lower Upper
41 100
39 76.9 58.8 88.2
76 45.6 39.1 58.7





#15
Acrylonitrile
Concen: 249.848 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

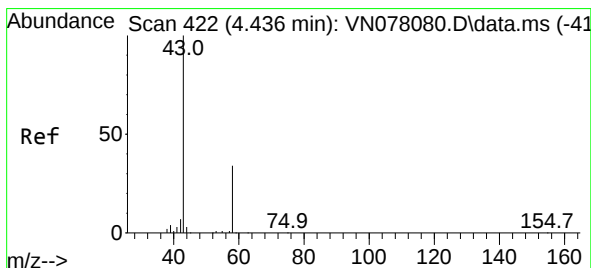
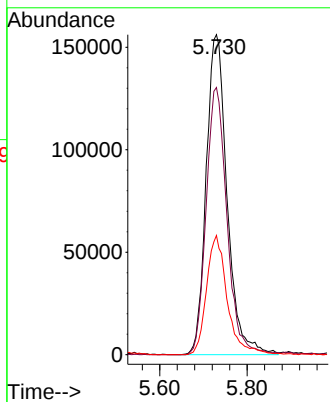
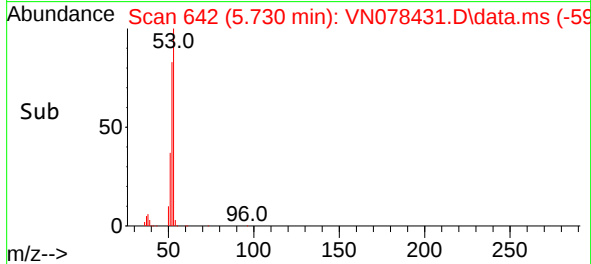
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



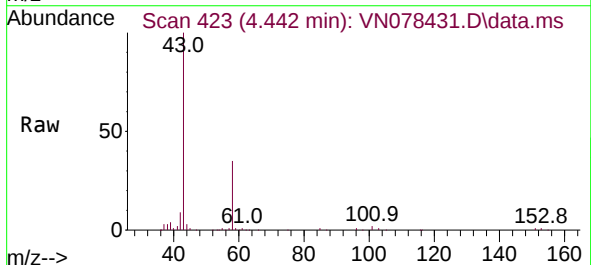
Tgt Ion: 53 Resp: 520380
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.0 28.9 43.3

Manual Integrations
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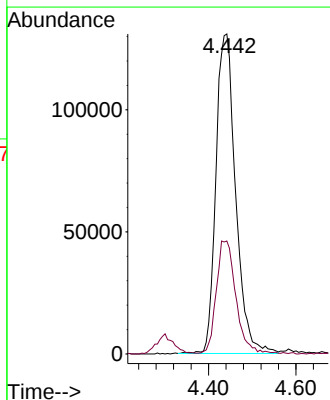
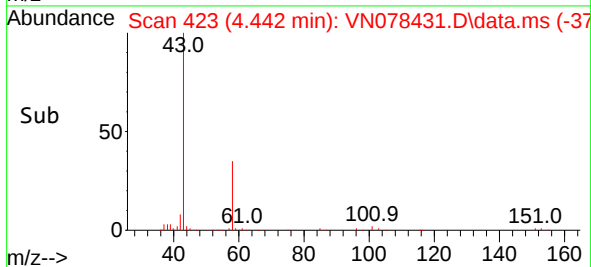
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

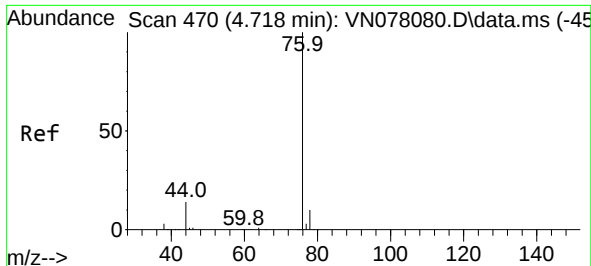


#16
Acetone
Concen: 241.758 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion: 43 Resp: 407132
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





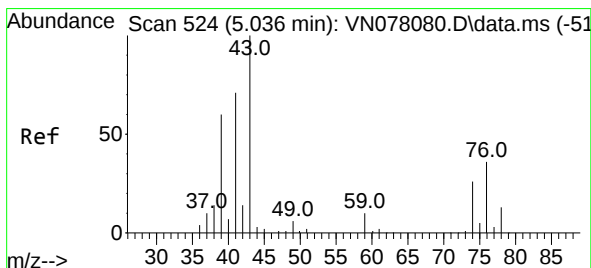
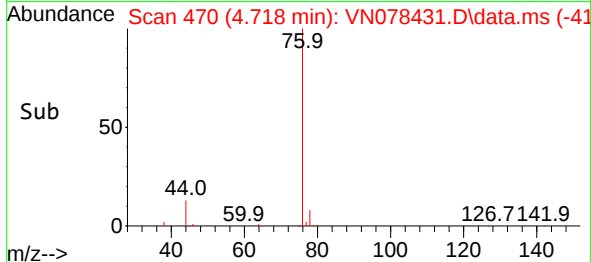
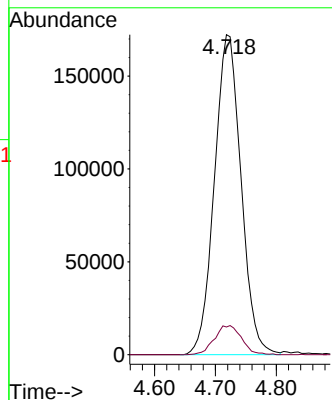
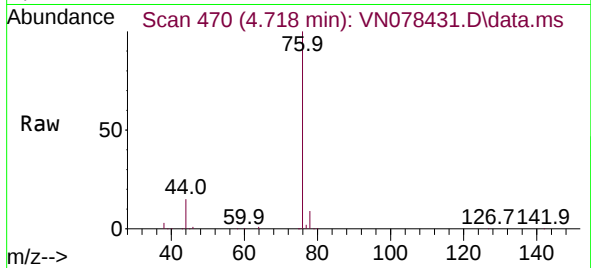
#17
Carbon Disulfide
Concen: 42.437 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 52341
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

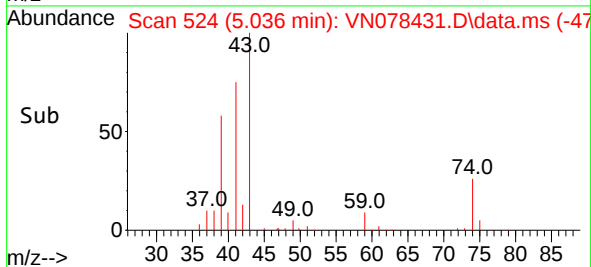
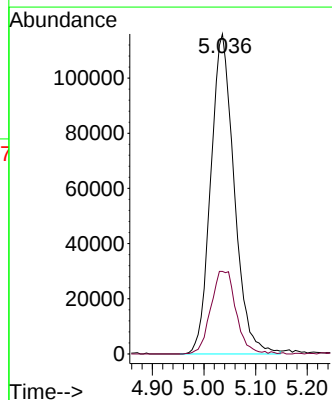
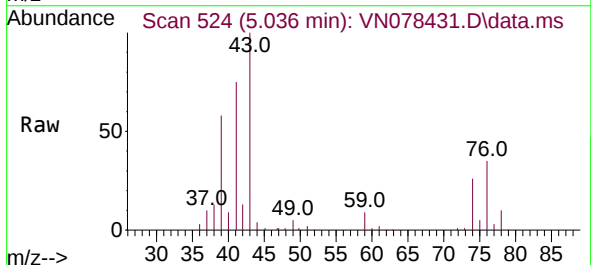
Manual Integrations
APPROVED

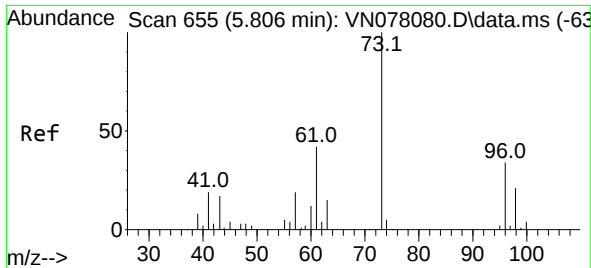
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#18
Methyl Acetate
Concen: 47.161 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Tgt Ion: 43 Resp: 365653
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





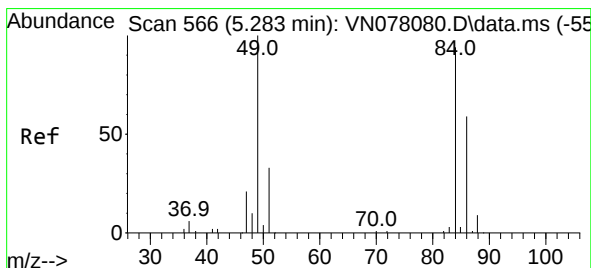
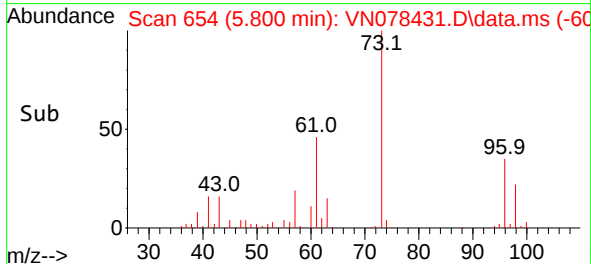
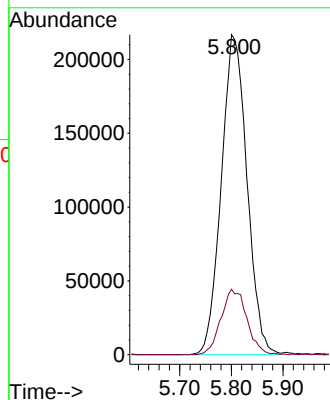
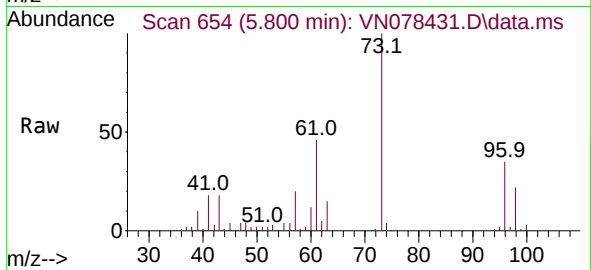
#19
Methyl tert-butyl Ether
Concen: 48.969 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 74866
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

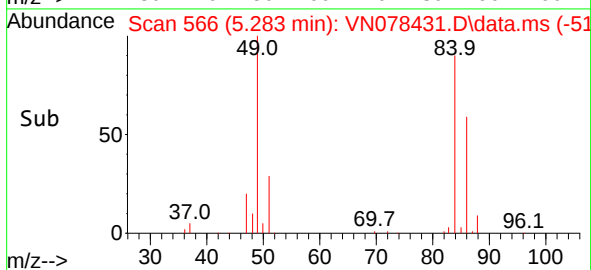
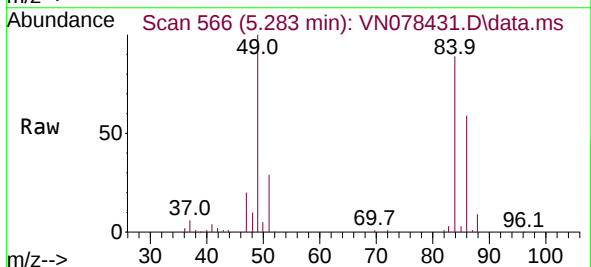
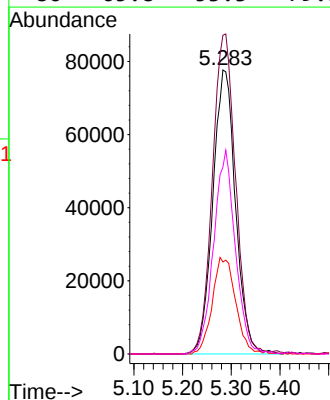
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#20
Methylene Chloride
Concen: 45.161 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

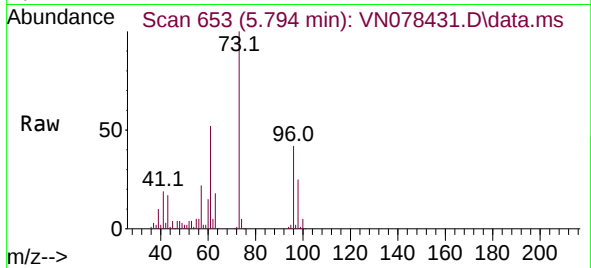
Tgt Ion: 84 Resp: 251319
Ion Ratio Lower Upper
84 100
49 112.2 79.7 119.5
51 32.4 25.2 37.8
86 65.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.466 ug/l
RT: 5.794 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

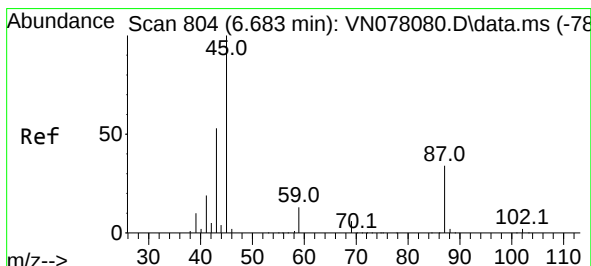
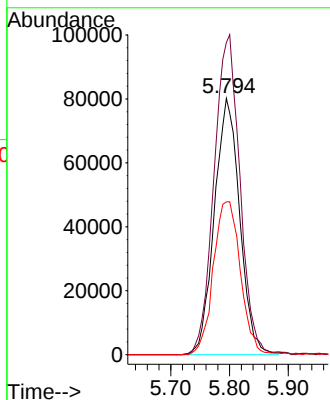
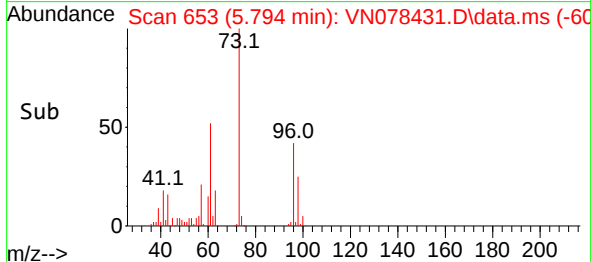
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 24014
Ion Ratio Lower Upper
96 100
61 121.8 90.1 135.1
98 59.6 46.4 69.6

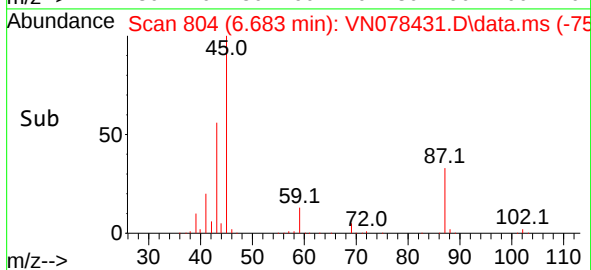
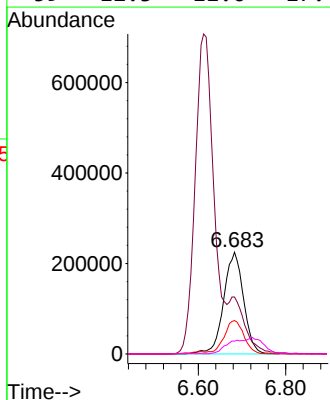
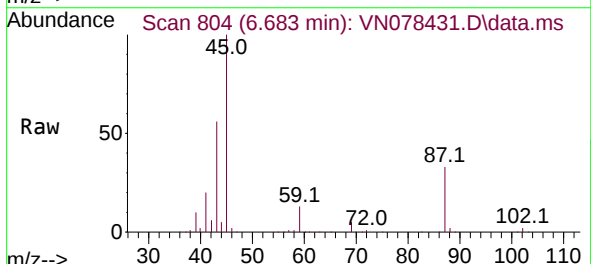
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#22
Diisopropyl ether
Concen: 51.532 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

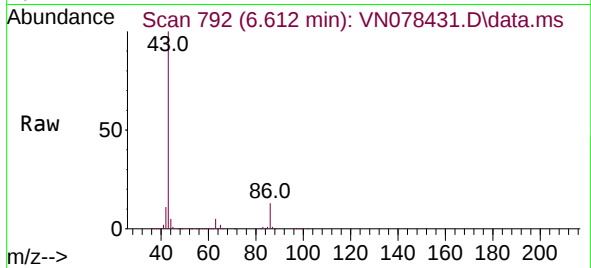
Tgt Ion: 45 Resp: 709040
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 32.6 31.8 47.8
59 12.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 296.964 ug/l m
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

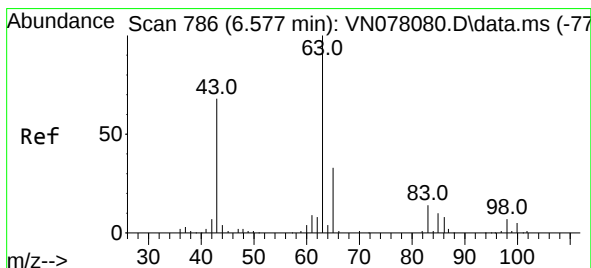
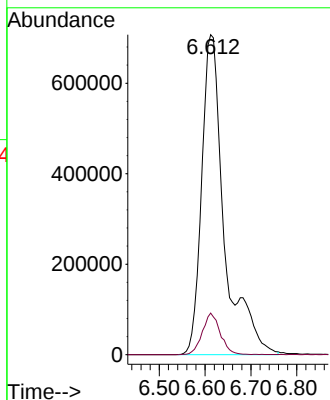
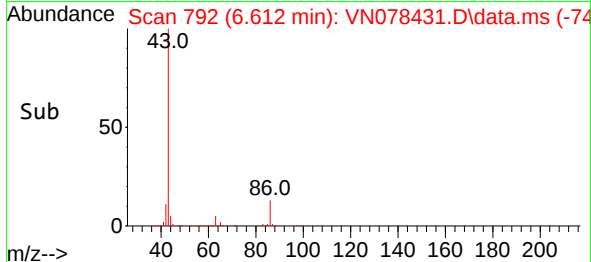
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



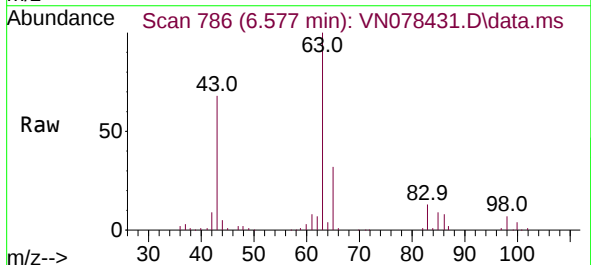
Tgt Ion: 43 Resp: 242886
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6

Manual Integrations
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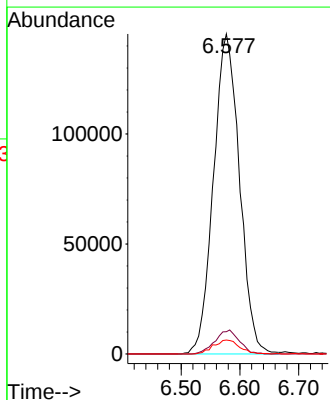
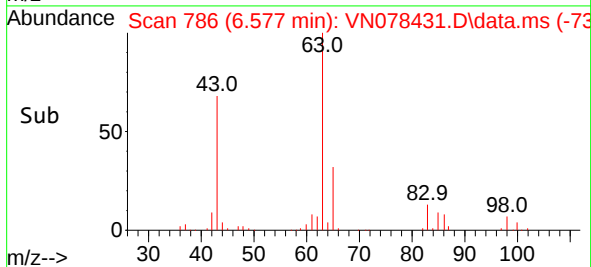
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#24
 1,1-Dichloroethane
 Concen: 49.197 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41



Tgt Ion: 63 Resp: 446541
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.4 2.5 7.4





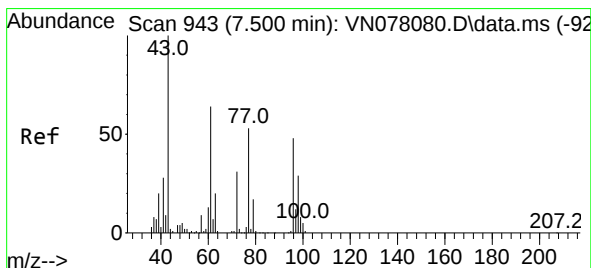
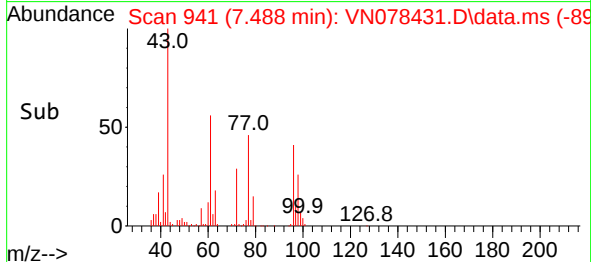
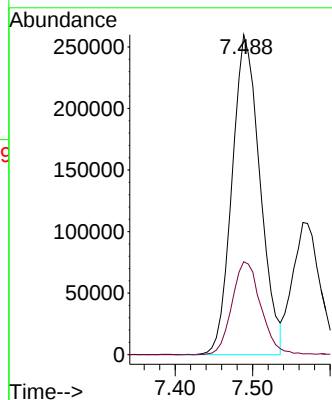
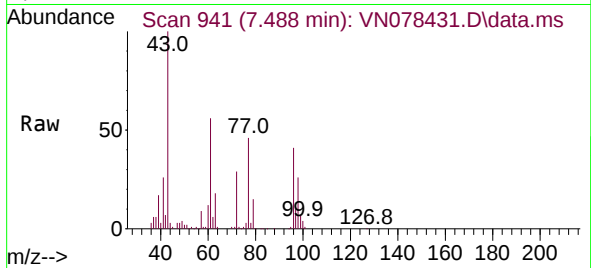
#25
2-Butanone
Concen: 252.094 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 652848
Ion Ratio Lower Upper
43 100
72 29.0 30.2 45.2

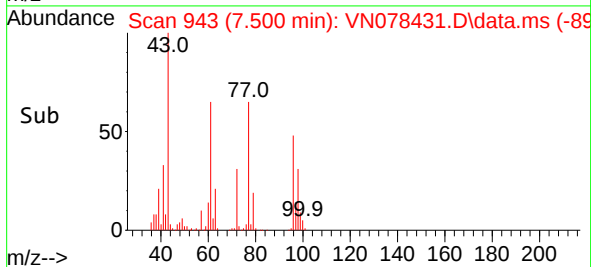
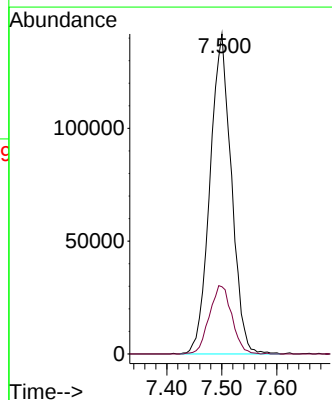
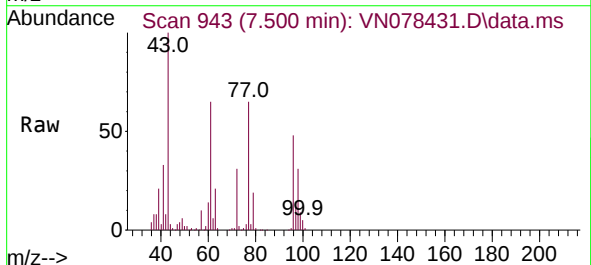
Manual Integrations
APPROVED

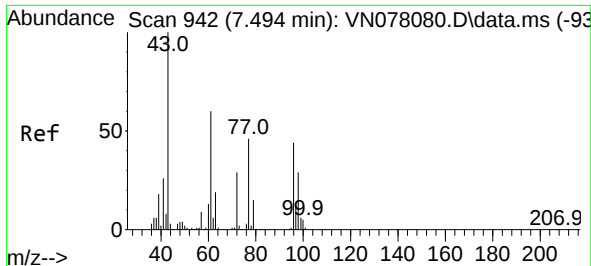
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#26
2,2-Dichloropropane
Concen: 57.221 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

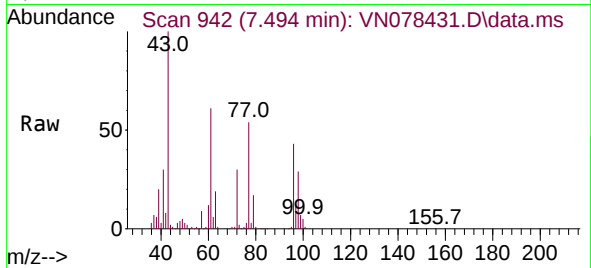
Tgt Ion: 77 Resp: 383488
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.182 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

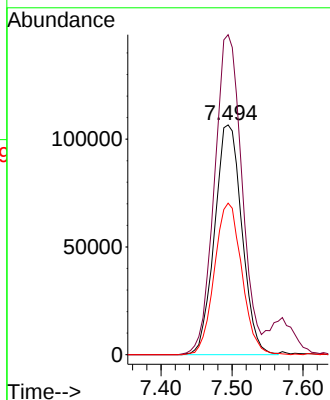
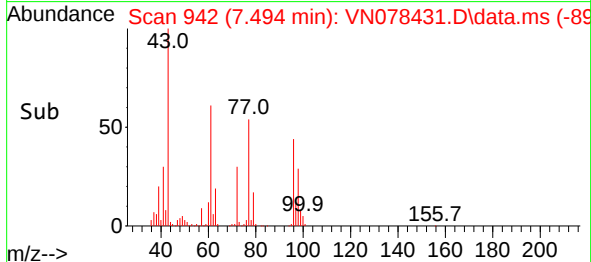
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 28470
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 255.2
 98 66.1 0.0 128.8

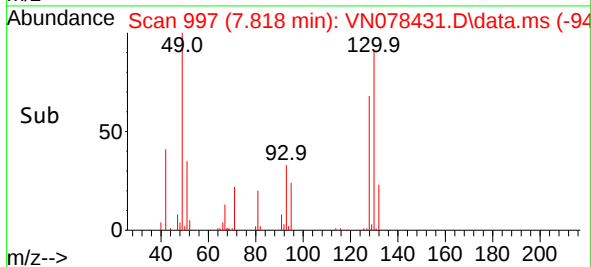
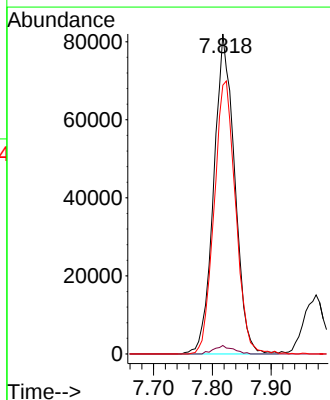
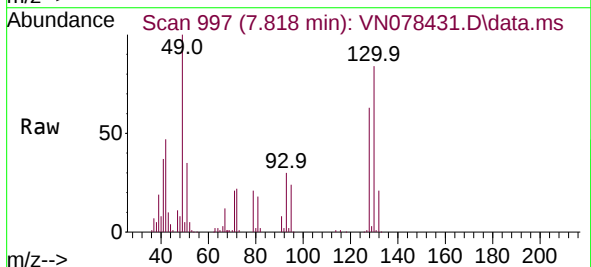
Manual Integrations
 APPROVED

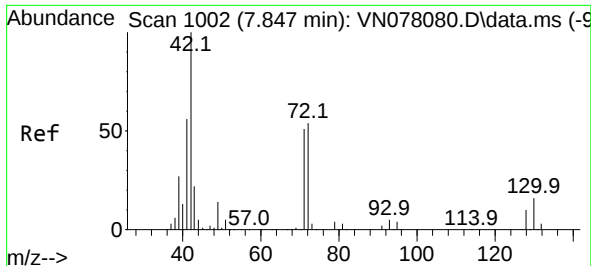
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#28
 Bromochloromethane
 Concen: 48.706 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

Tgt Ion: 49 Resp: 202978
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 243.929 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078431.D

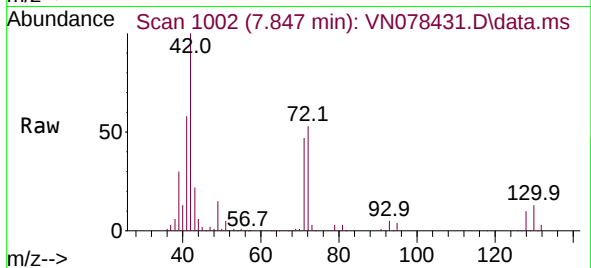
Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



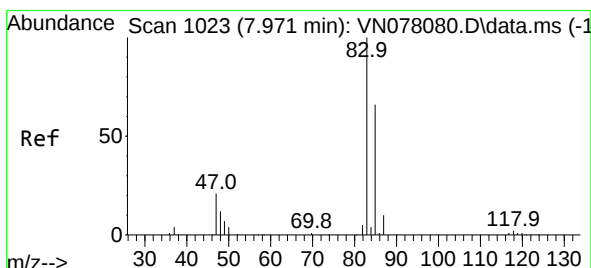
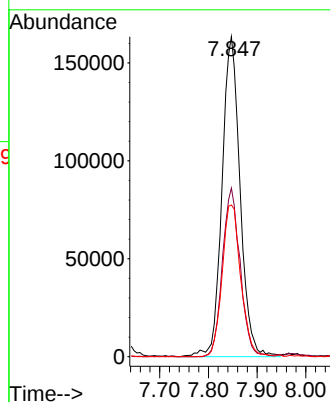
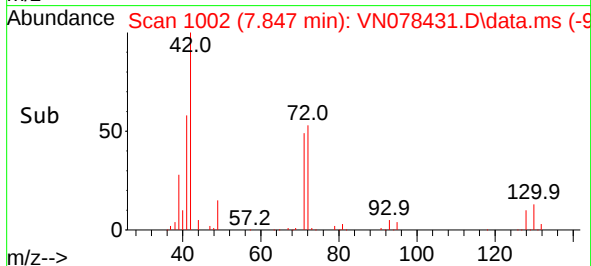
Tgt Ion:	42	Resp:	42229
Ion	Ratio	Lower	Upper
42	100		
72	51.4	49.8	74.6
71	49.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#30

Chloroform

Concen: 49.969 ug/l

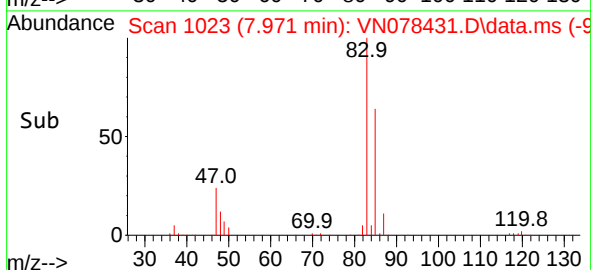
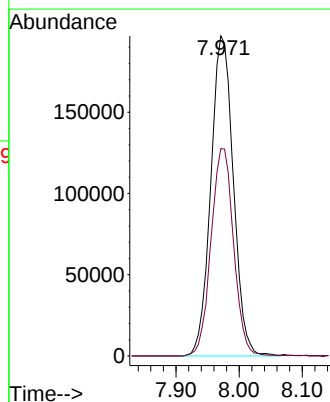
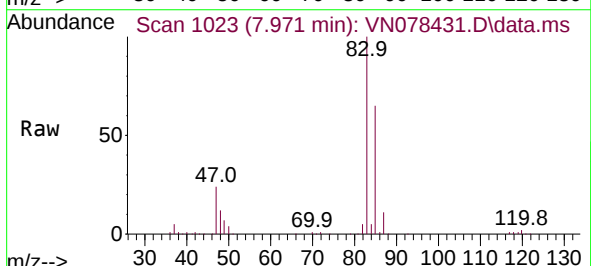
RT: 7.971 min Scan# 1023

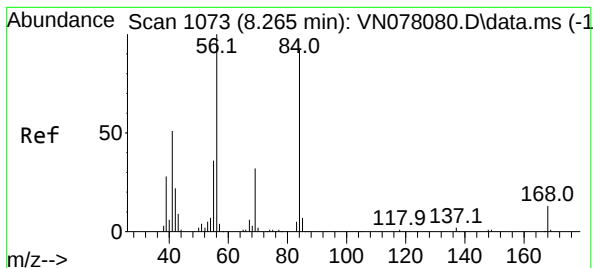
Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

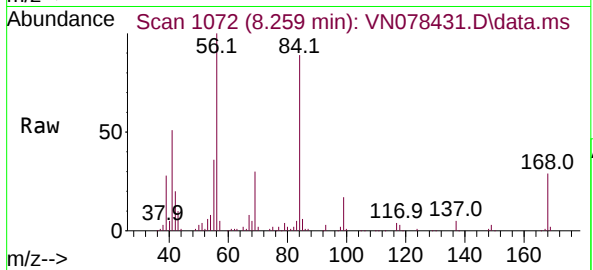
Tgt Ion:	83	Resp:	488387
Ion	Ratio	Lower	Upper
83	100		
85	64.8	55.4	83.0





#31
Cyclohexane
Concen: 44.125 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

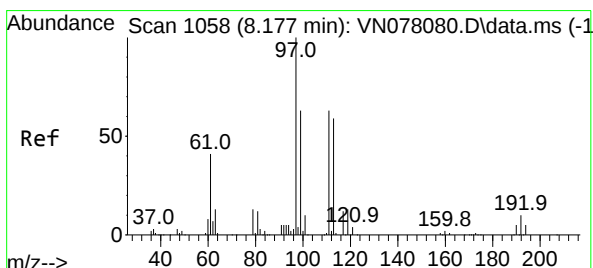
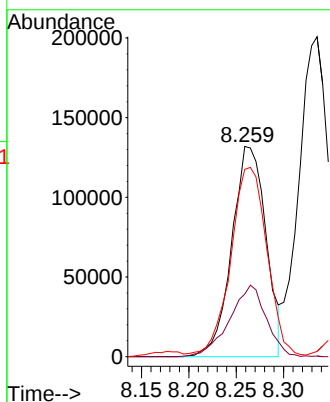
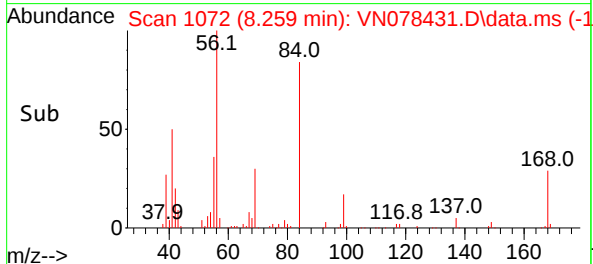
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



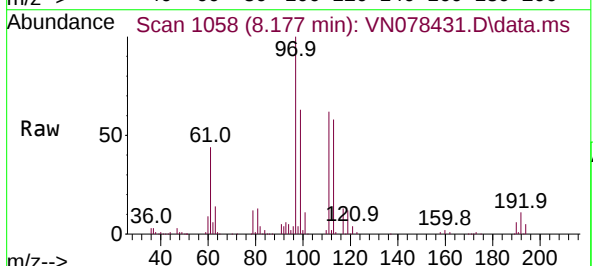
Tgt Ion: 56 Resp: 331160
Ion Ratio Lower Upper
56 100
69 29.7 26.8 40.2
84 86.8 81.8 122.6

Manual Integrations
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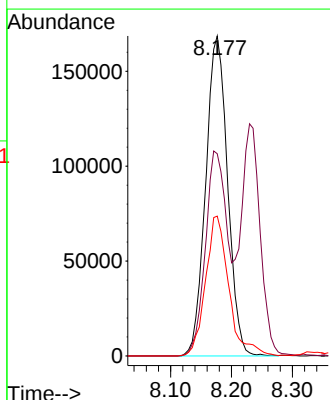
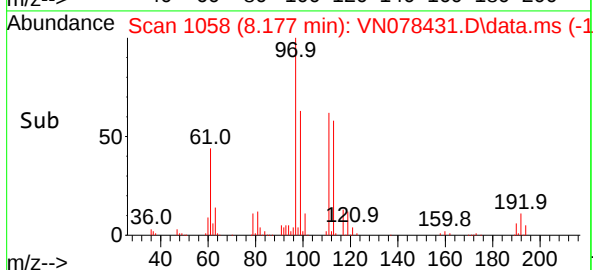
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

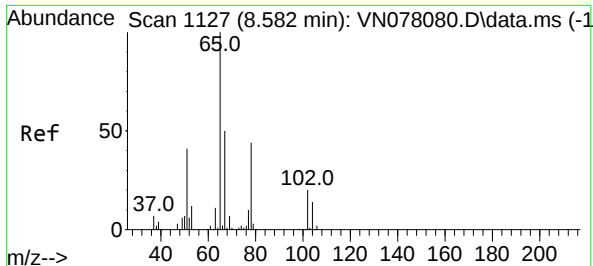


#32
1,1,1-Trichloroethane
Concen: 49.122 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion: 97 Resp: 421500
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.292 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 282539

Ion Ratio Lower Upper

65 100

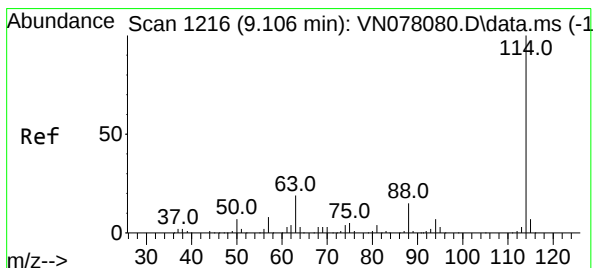
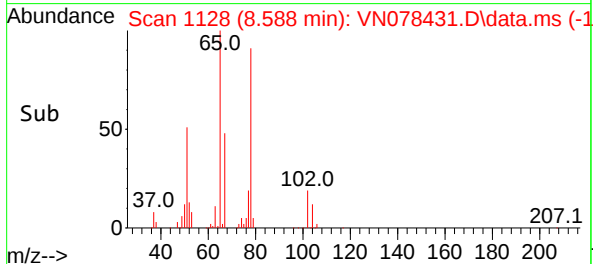
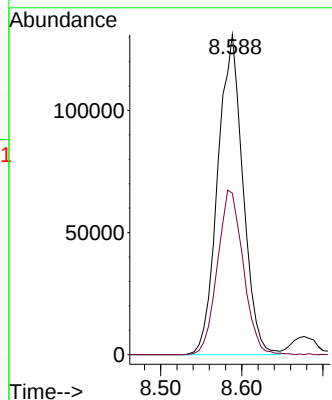
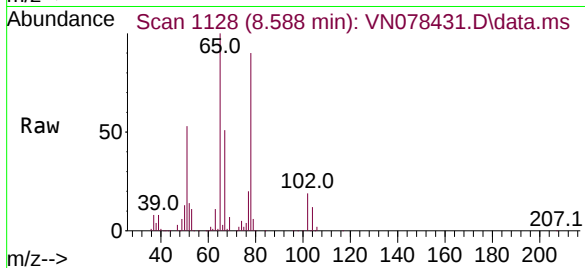
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

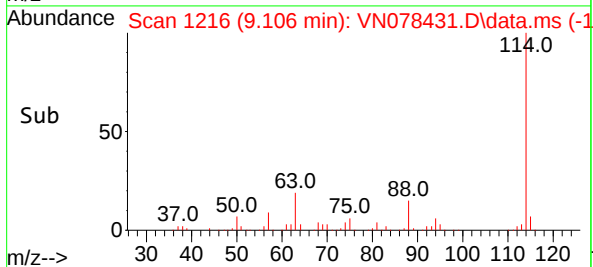
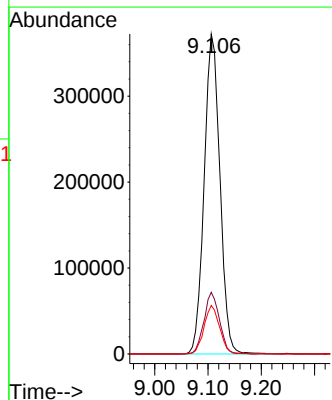
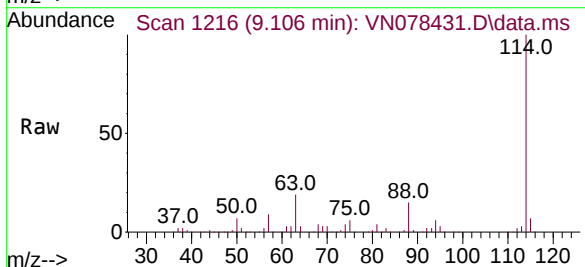
Tgt Ion:114 Resp: 765397

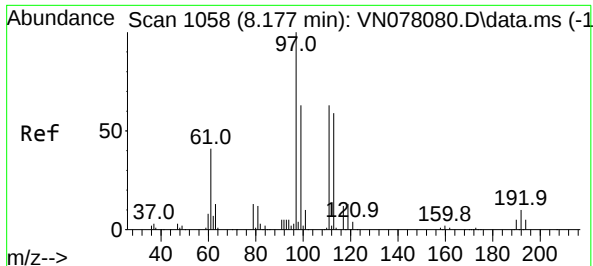
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

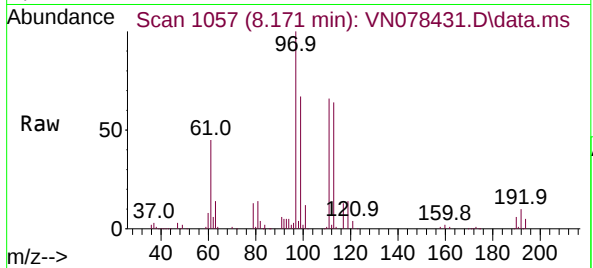
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.094 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

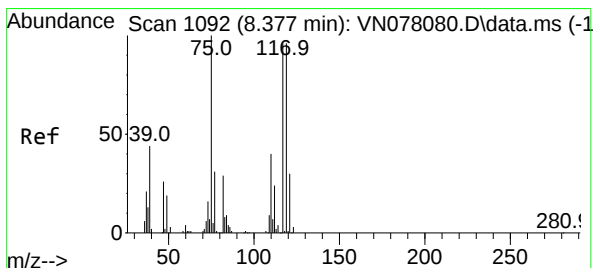
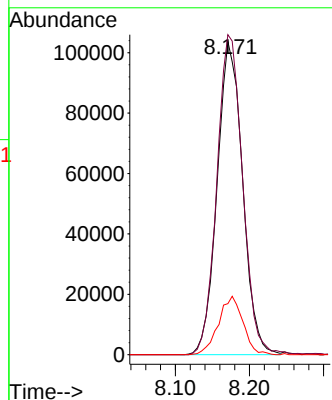
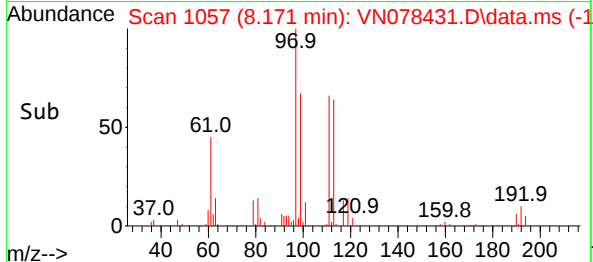
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



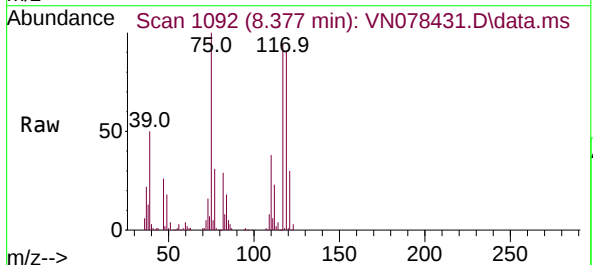
Tgt Ion: 113 Resp: 247272
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.9 12.7 19.1

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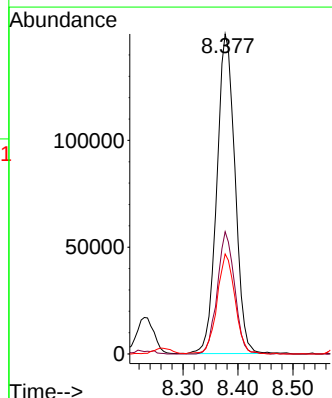
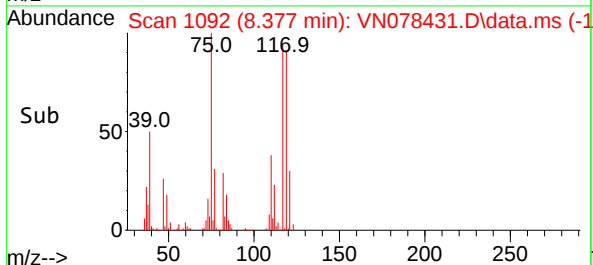
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

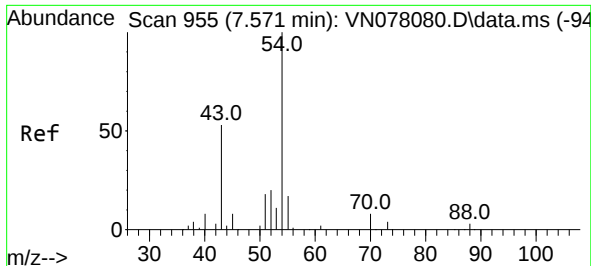


#36
1,1-Dichloropropene
Concen: 49.492 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion: 75 Resp: 343555
Ion Ratio Lower Upper
75 100
110 36.5 19.1 57.3
77 31.0 25.0 37.4





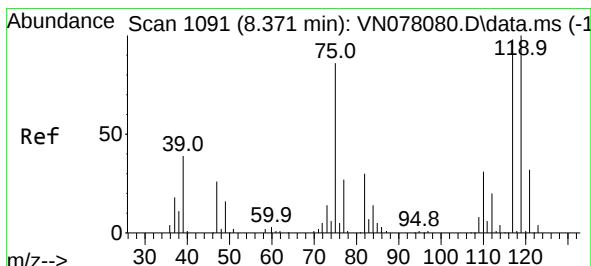
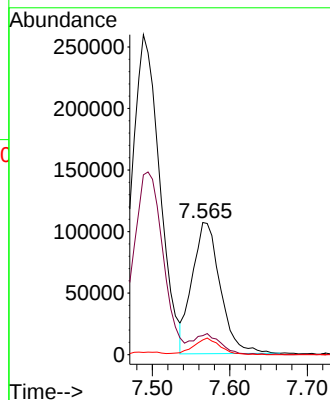
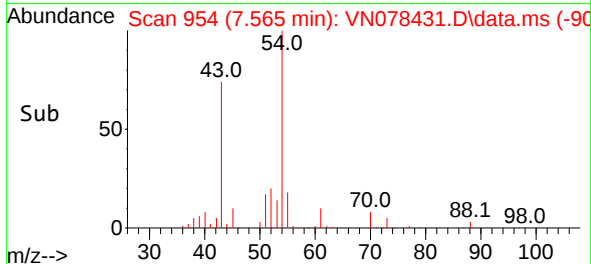
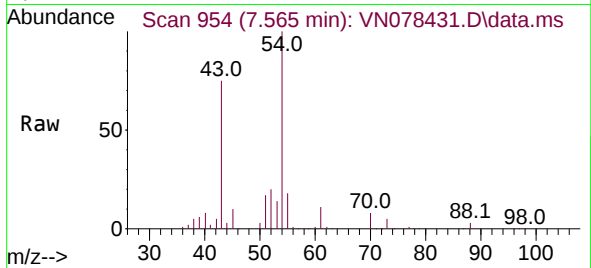
#37
Ethyl Acetate
Concen: 49.436 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 268080
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8
70 11.9 11.3 16.9

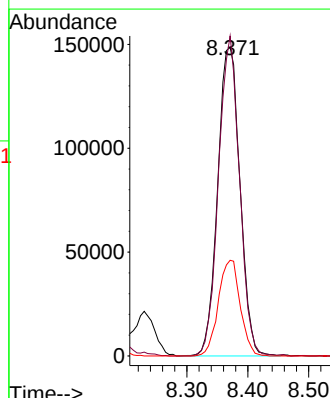
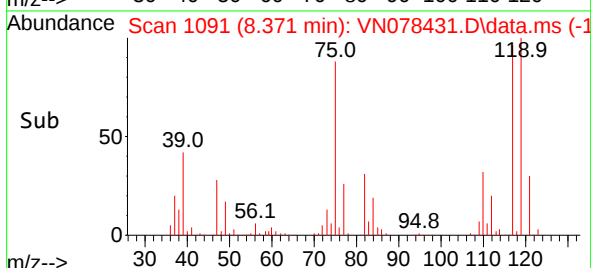
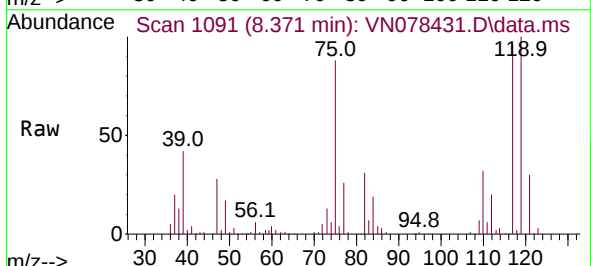
Manual Integrations
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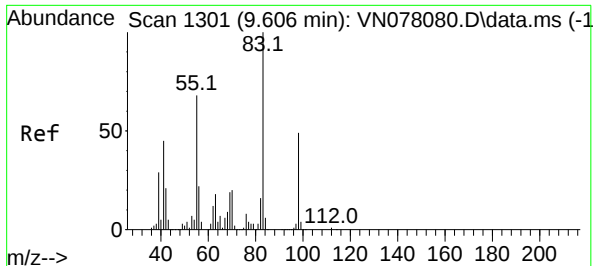
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#38
Carbon Tetrachloride
Concen: 51.656 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Tgt Ion:117 Resp: 378628
Ion Ratio Lower Upper
117 100
119 103.7 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 42.914 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 30872

Ion Ratio Lower Upper

83 100

55 65.4 49.1 73.7

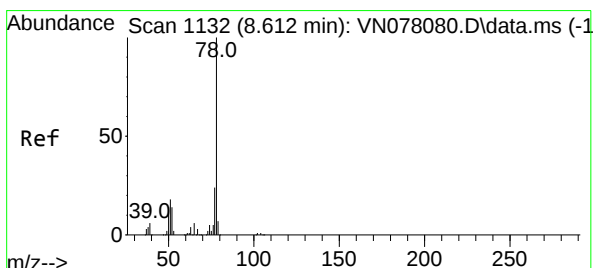
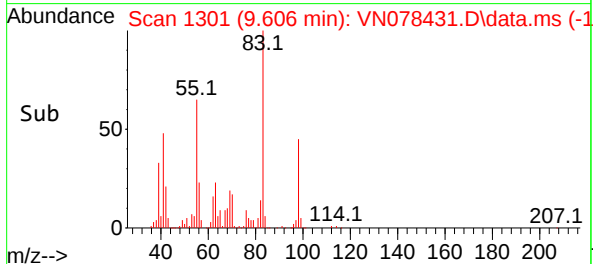
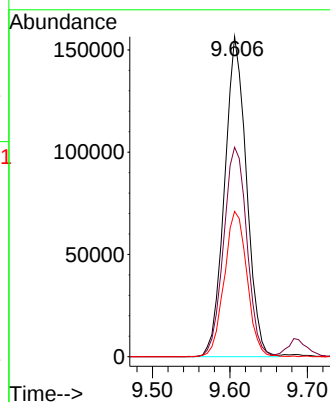
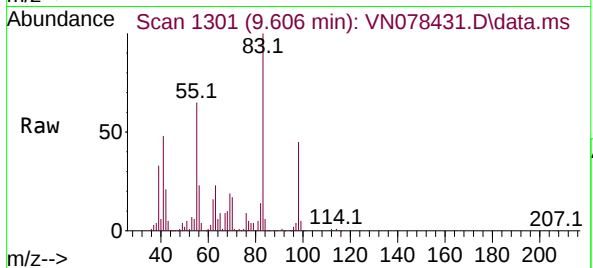
98 45.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#40

Benzene

Concen: 50.808 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078431.D

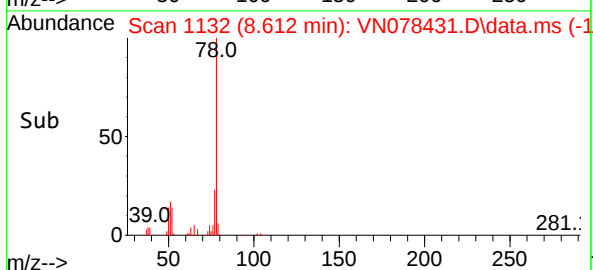
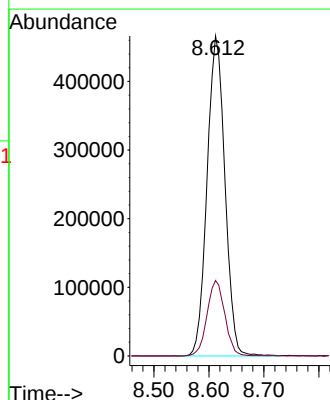
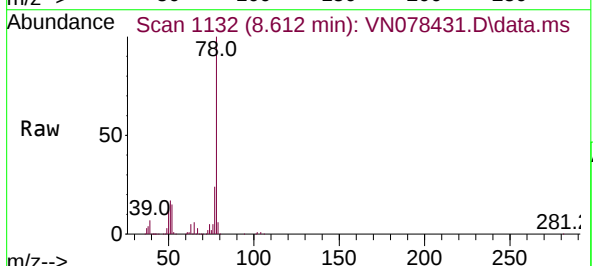
Acq: 28 Jun 2023 10:41

Tgt Ion: 78 Resp: 1052950

Ion Ratio Lower Upper

78 100

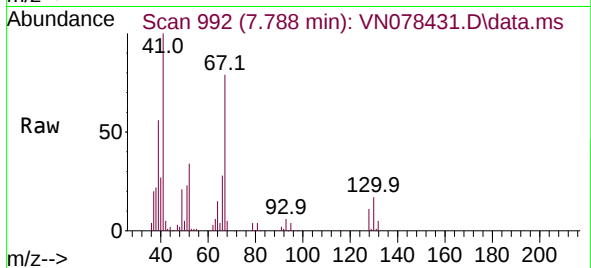
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 50.149 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

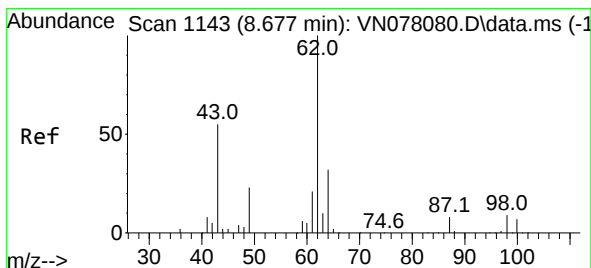
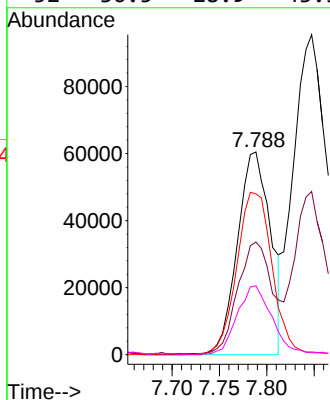
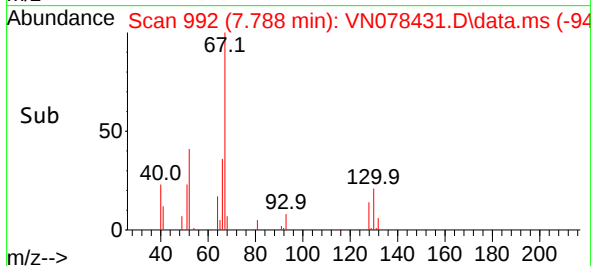
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 147405
Ion Ratio Lower Upper
41 100
39 59.3 42.6 64.0
67 85.7 77.5 116.3
52 36.5 28.9 43.3

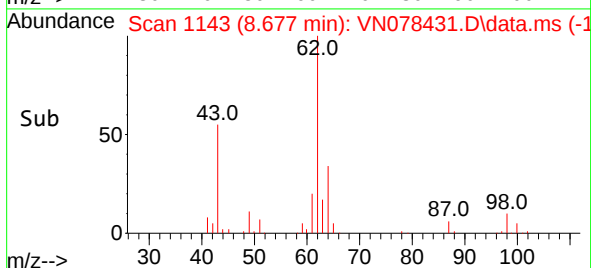
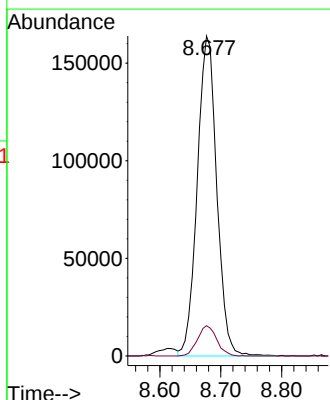
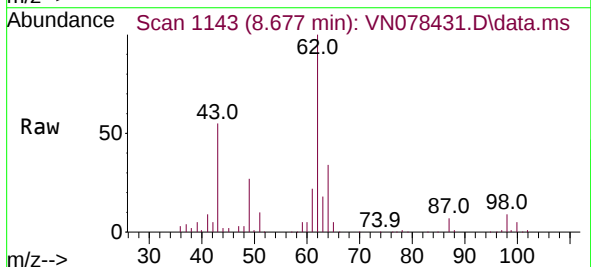
Manual Integrations
APPROVED

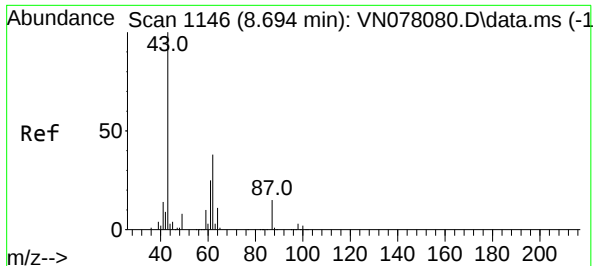
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#42
1,2-Dichloroethane
Concen: 51.454 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

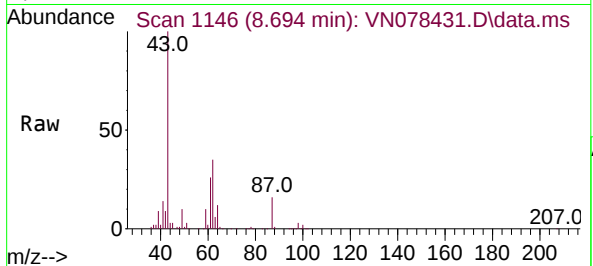
Tgt Ion: 62 Resp: 365611
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 46.920 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

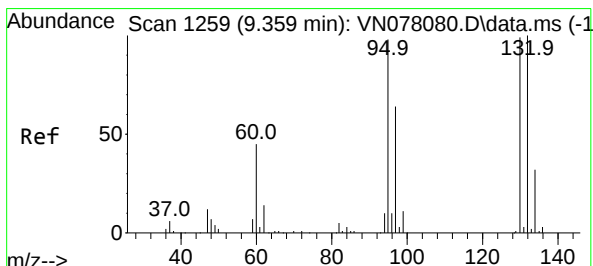
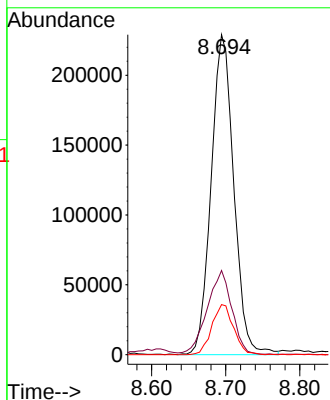
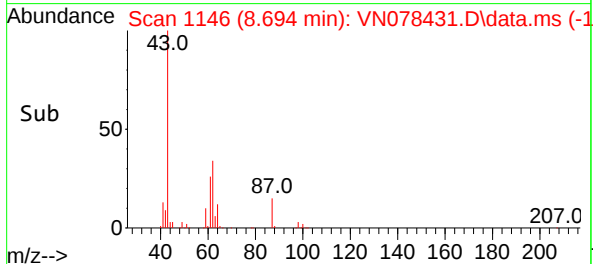
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



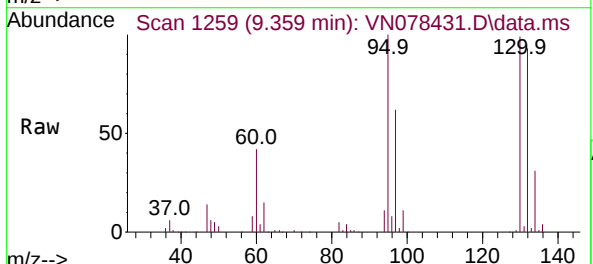
Tgt Ion: 43 Resp: 48660
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 15.0 14.6 21.8

Manual Integrations
APPROVED

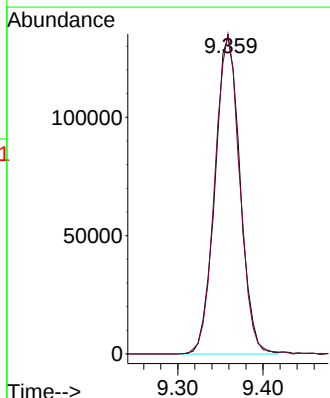
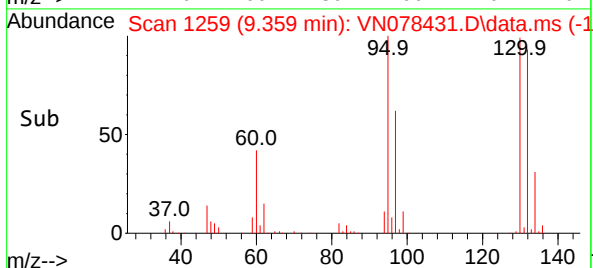
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#44
Trichloroethene
Concen: 50.126 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion:130 Resp: 274339
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.833 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 277572

Ion Ratio Lower Upper

63 100

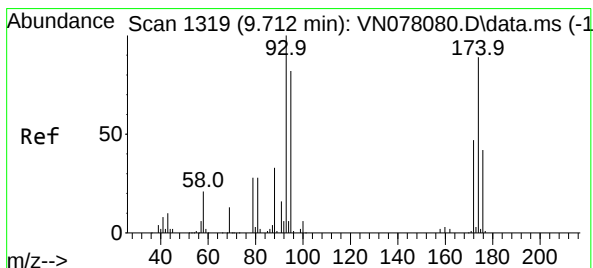
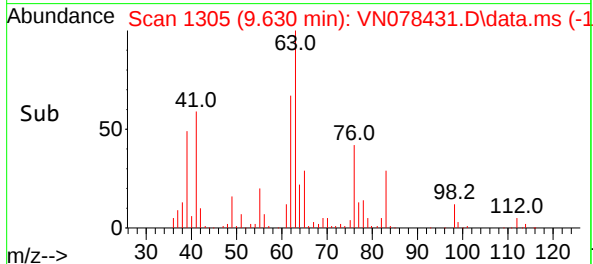
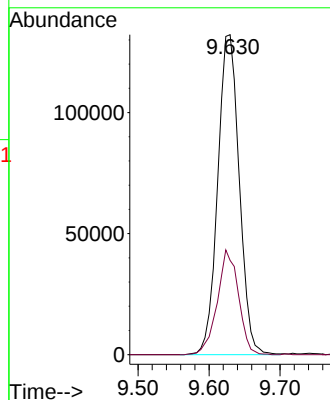
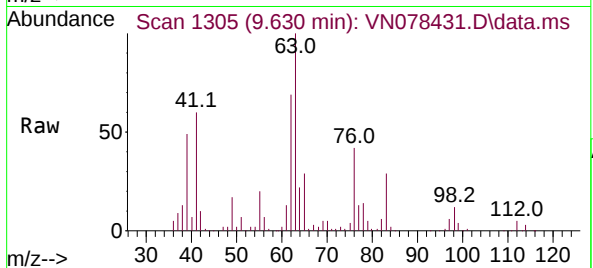
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#46

Dibromomethane

Concen: 51.159 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

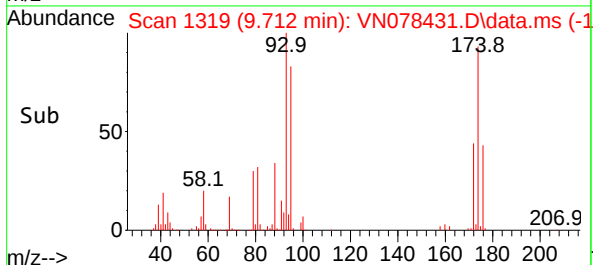
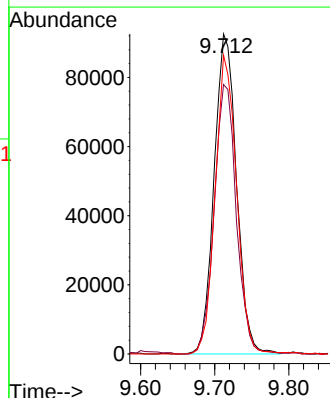
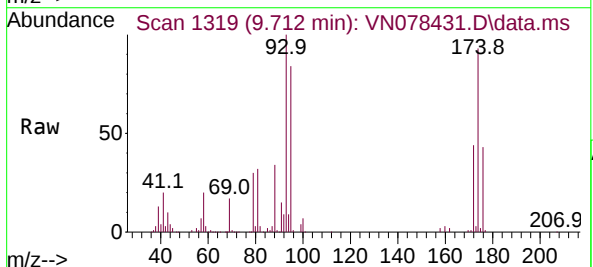
Tgt Ion: 93 Resp: 194294

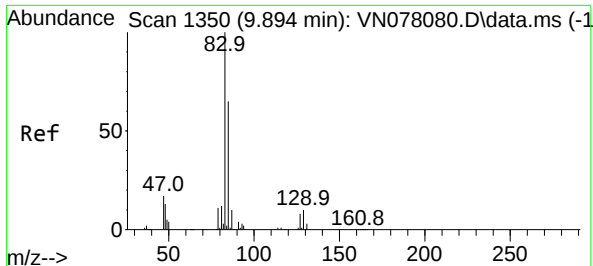
Ion Ratio Lower Upper

93 100

95 83.1 63.8 95.8

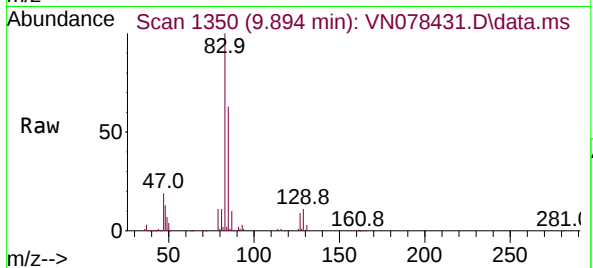
174 89.5 65.6 98.4





#47
Bromodichloromethane
Concen: 54.503 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

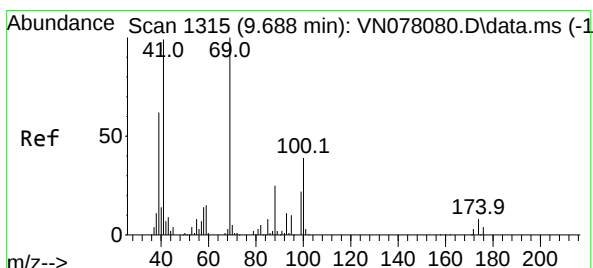
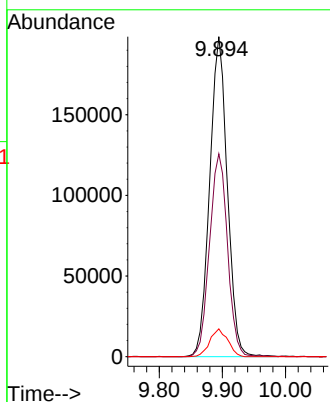
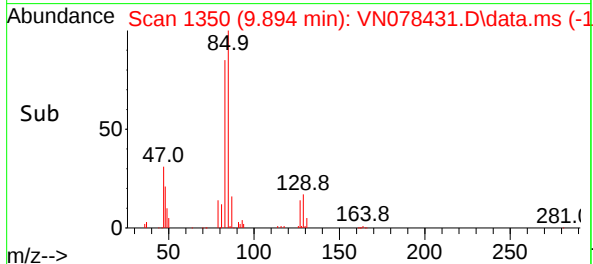
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 384494
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 8.7 7.0 10.6

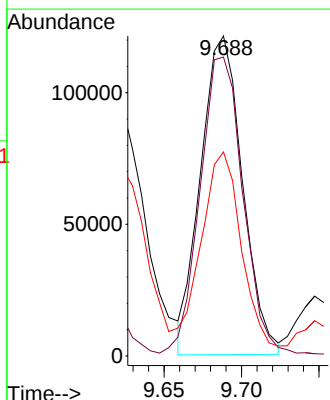
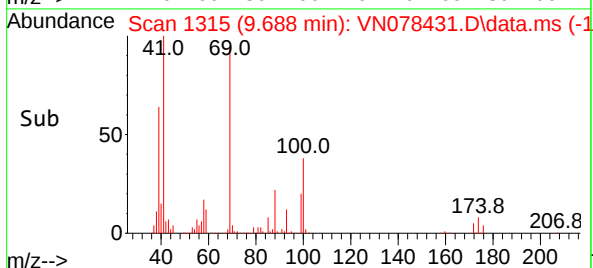
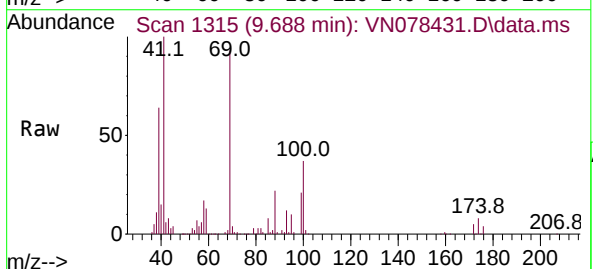
Manual Integrations
APPROVED

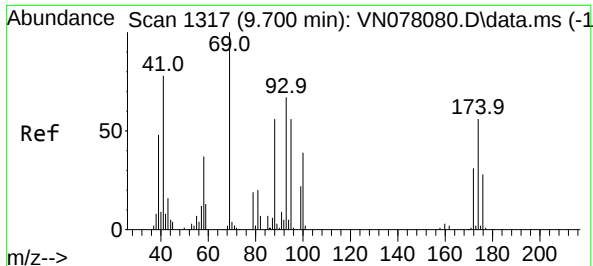
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#48
Methyl methacrylate
Concen: 52.220 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Tgt Ion: 41 Resp: 227276
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 976.950 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 89360

Ion Ratio Lower Upper

88 100

43 26.6 17.0 25.6

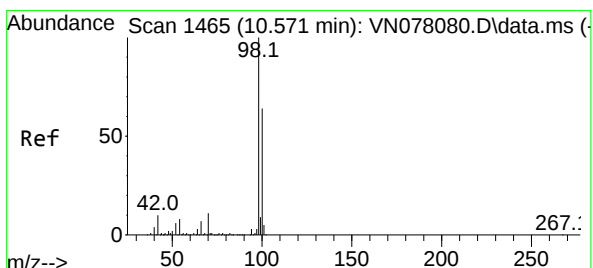
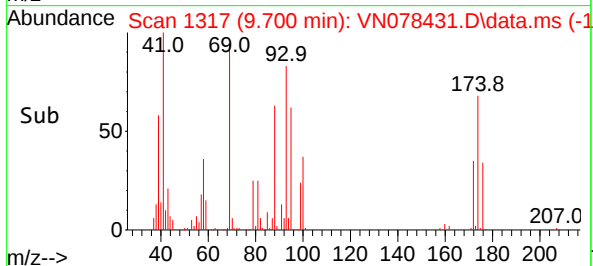
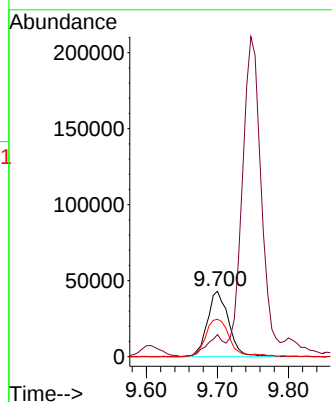
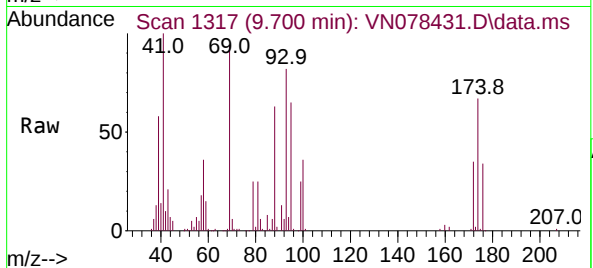
58 65.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#50

Toluene-d8

Concen: 47.889 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078431.D

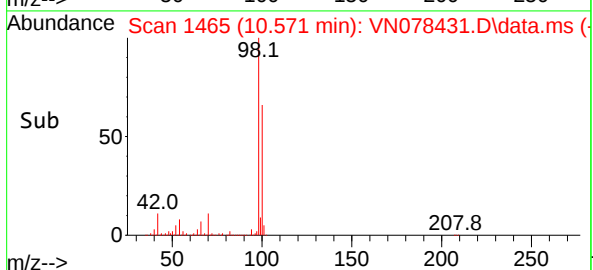
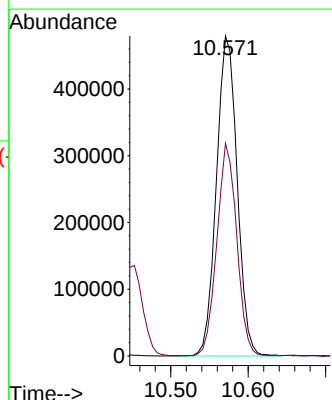
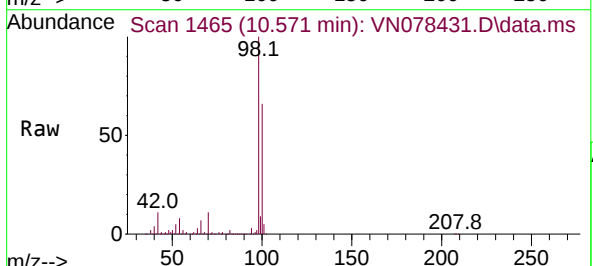
Acq: 28 Jun 2023 10:41

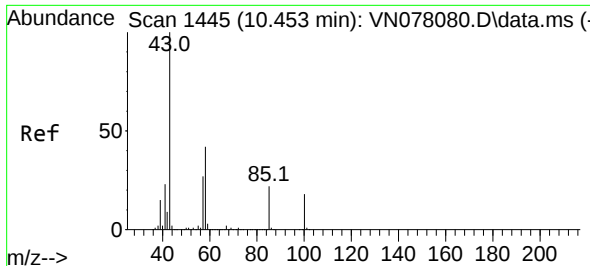
Tgt Ion: 98 Resp: 893448

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





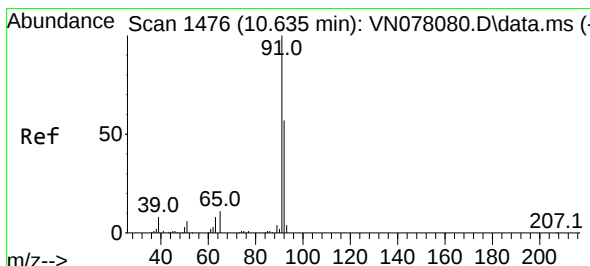
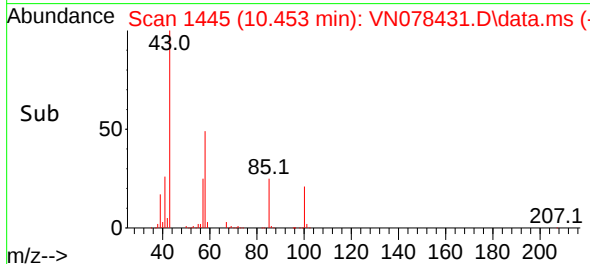
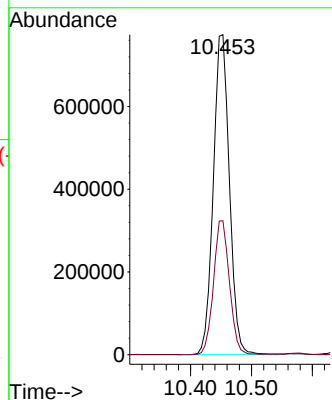
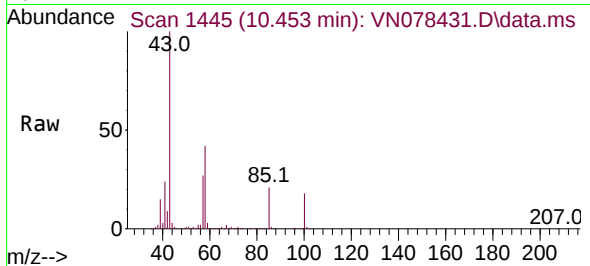
#51
4-Methyl-2-Pentanone
Concen: 259.846 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1419079
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

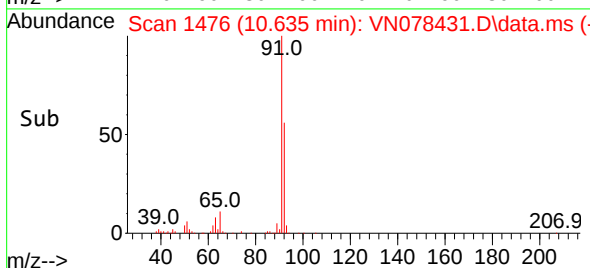
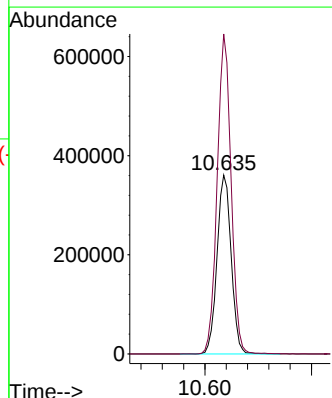
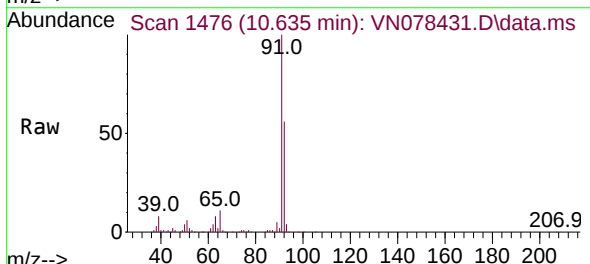
Manual Integrations
APPROVED

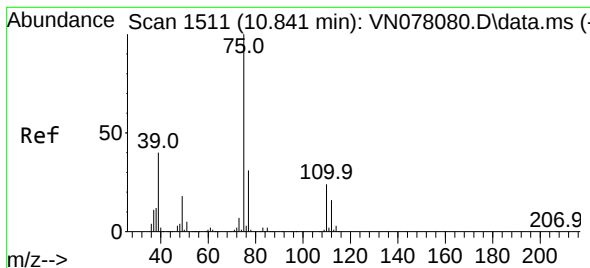
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#52
Toluene
Concen: 50.683 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

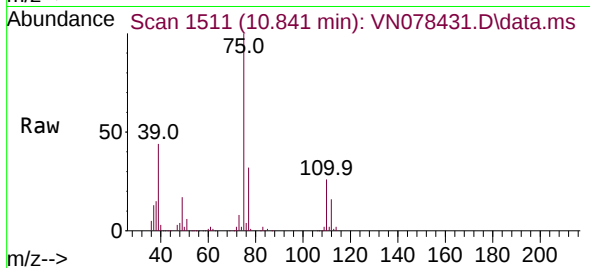
Tgt Ion: 92 Resp: 663162
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.695 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

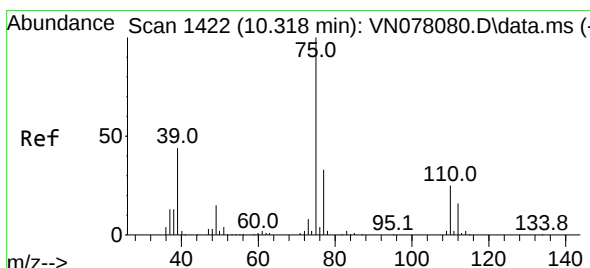
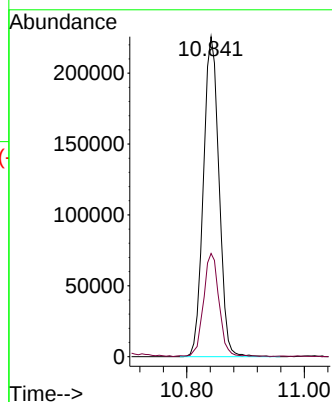
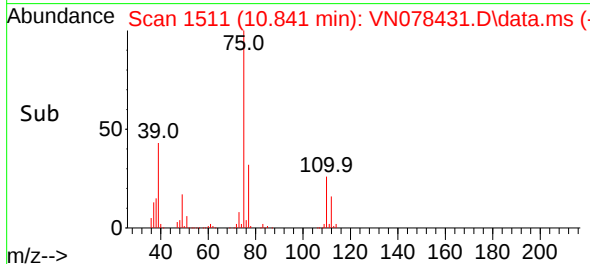
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 416538
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

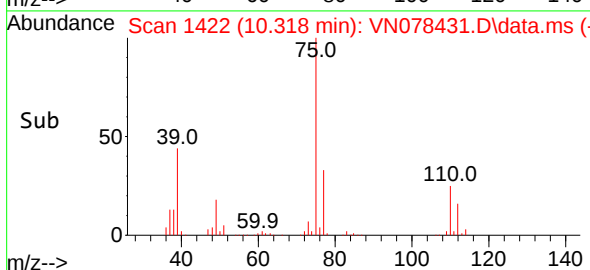
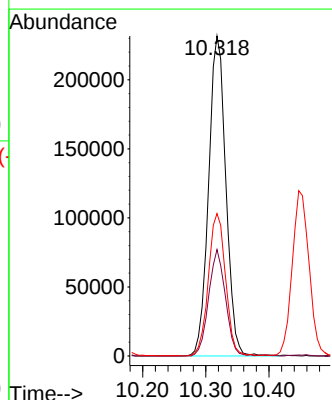
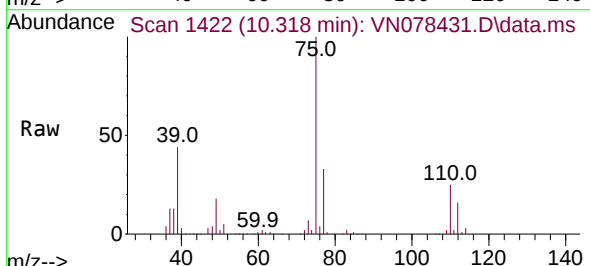
Manual Integrations
APPROVED

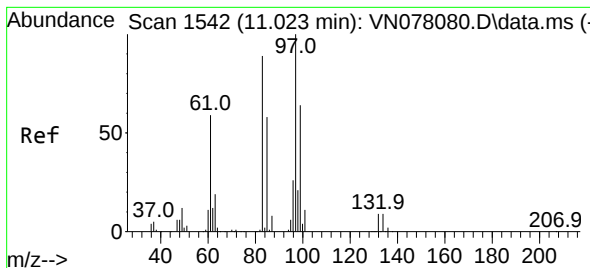
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#54
cis-1,3-Dichloropropene
Concen: 54.184 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

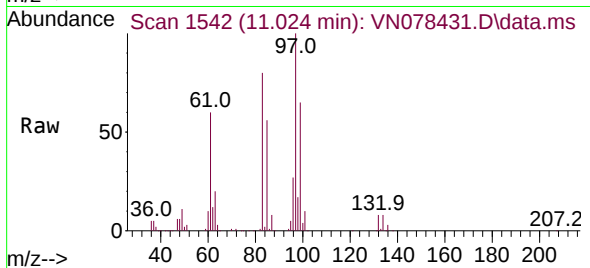
Tgt Ion: 75 Resp: 440052
Ion Ratio Lower Upper
75 100
77 33.3 26.1 39.1
39 44.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.451 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

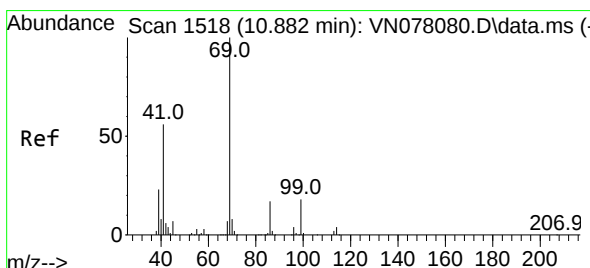
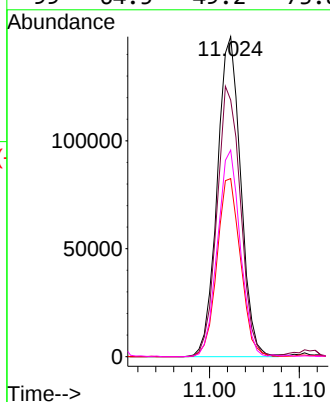
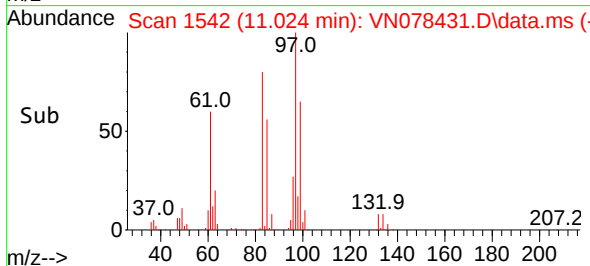
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



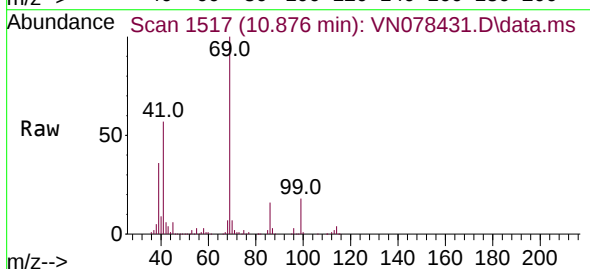
Tgt Ion:	97	Resp:	26951
Ion Ratio	100	Lower	Upper
97	100		
83	80.2	65.1	97.7
85	55.6	43.4	65.2
99	64.5	49.2	73.8

Manual Integrations
APPROVED

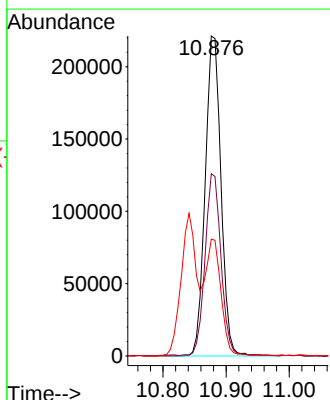
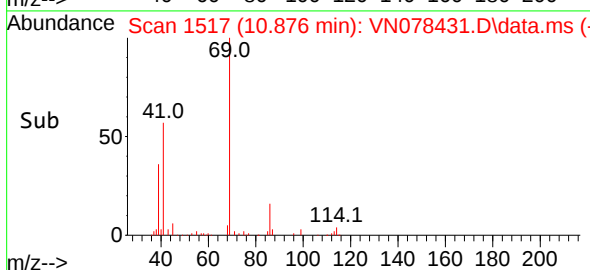
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

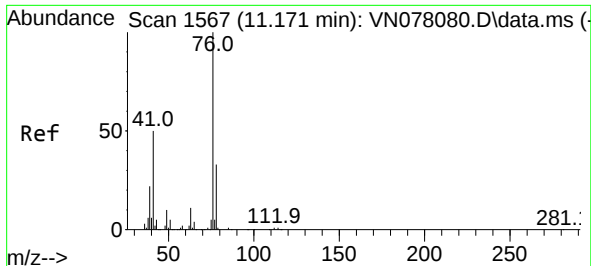


#56
Ethyl methacrylate
Concen: 53.258 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion:	69	Resp:	383840
Ion Ratio	100	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	36.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 53.565 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 44753

Ion Ratio Lower Upper

76 100

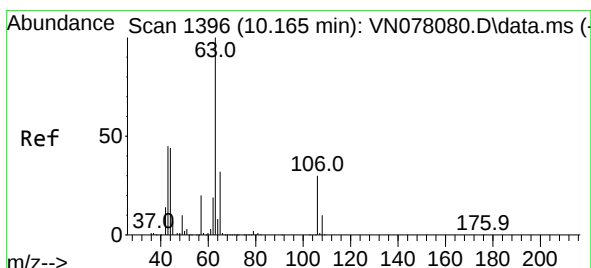
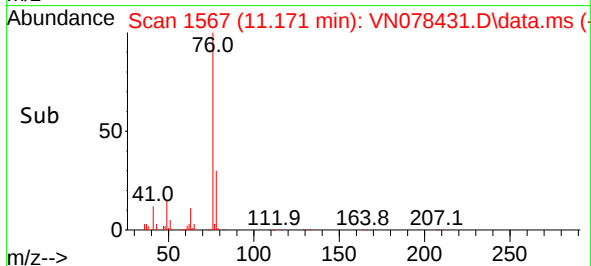
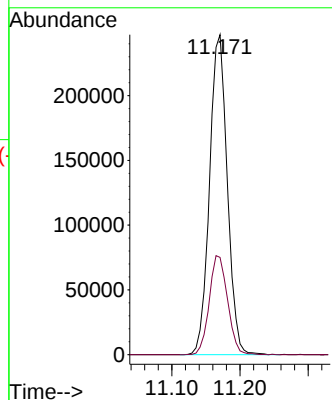
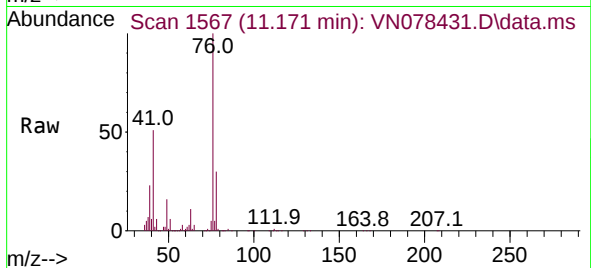
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.128 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078431.D

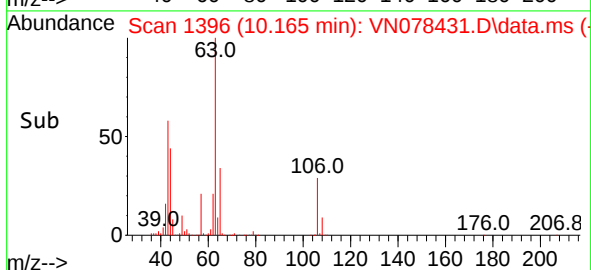
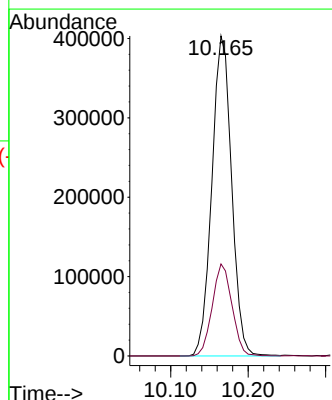
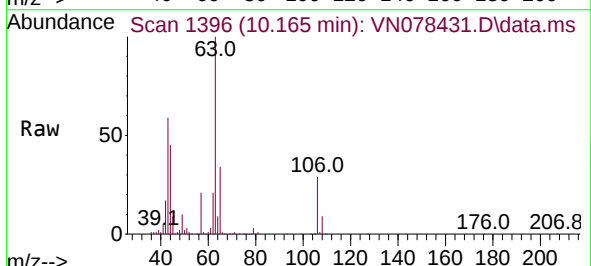
Acq: 28 Jun 2023 10:41

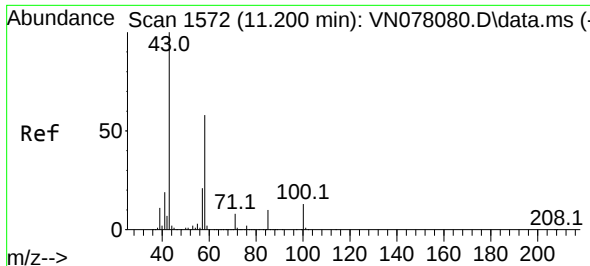
Tgt Ion: 63 Resp: 713687

Ion Ratio Lower Upper

63 100

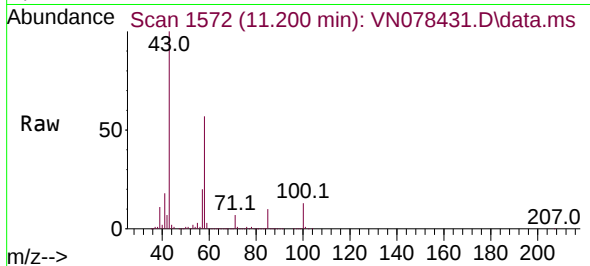
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 260.105 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

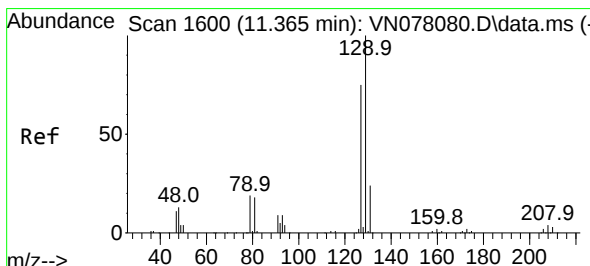
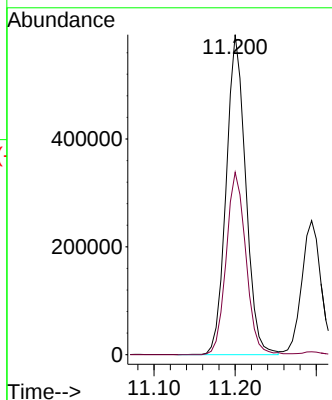
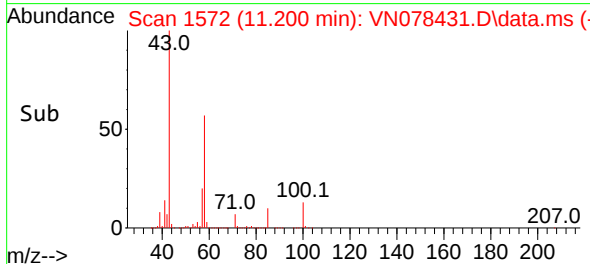
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 989070
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

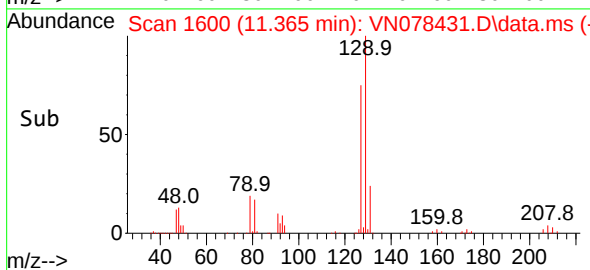
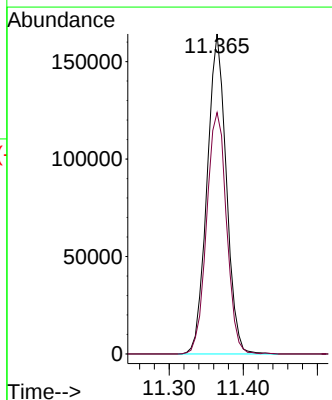
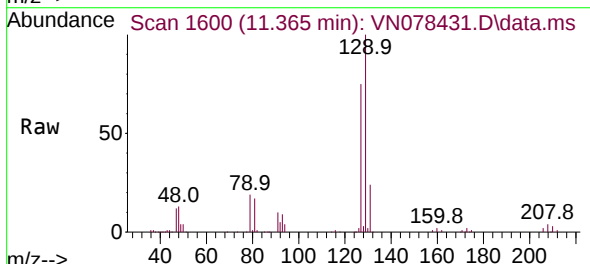
Manual Integrations
APPROVED

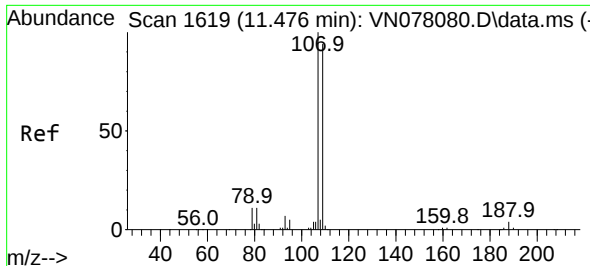
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#60
Dibromochloromethane
Concen: 54.512 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

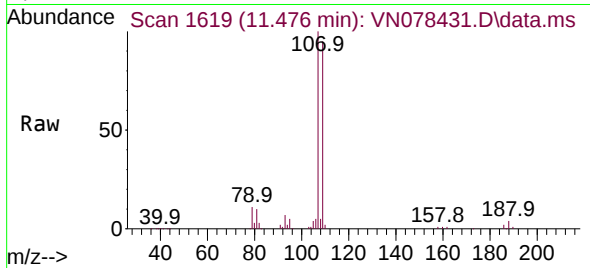
Tgt Ion:129 Resp: 295251
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.137 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

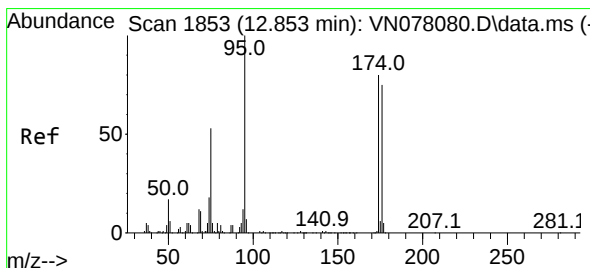
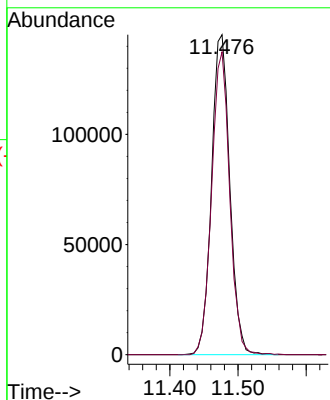
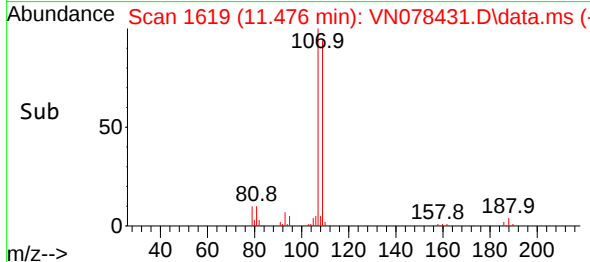
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



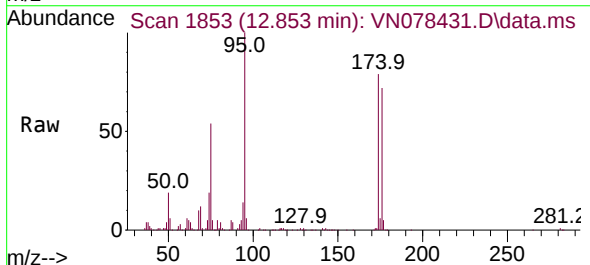
Tgt Ion:107 Resp: 270818
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

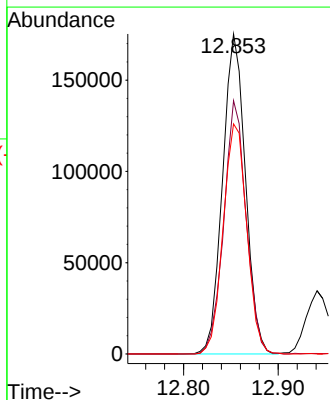
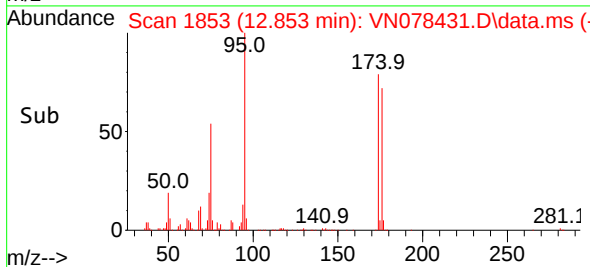
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

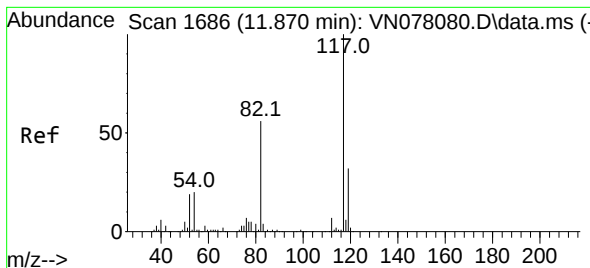


#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



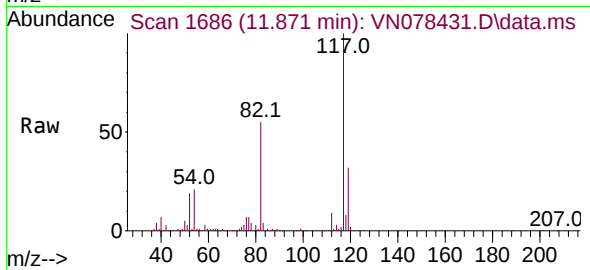
Tgt Ion: 95 Resp: 293165
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 74.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

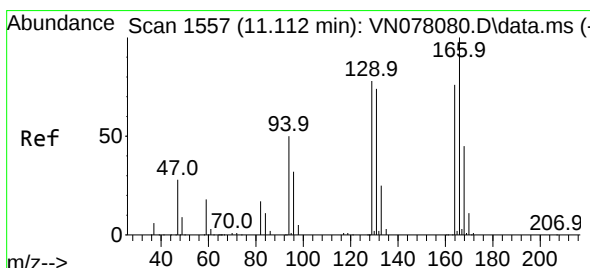
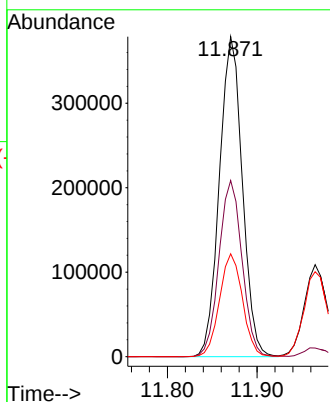
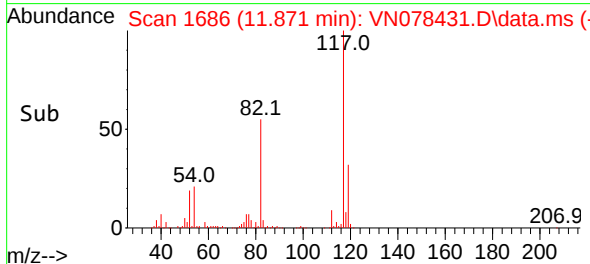
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



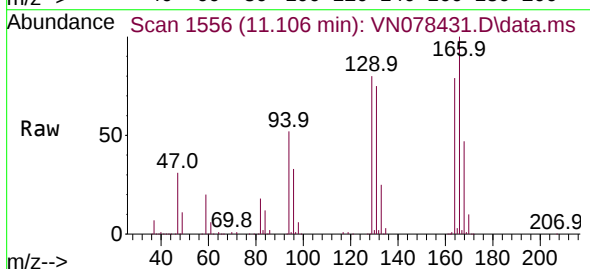
Tgt Ion:117 Resp: 672938
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
APPROVED

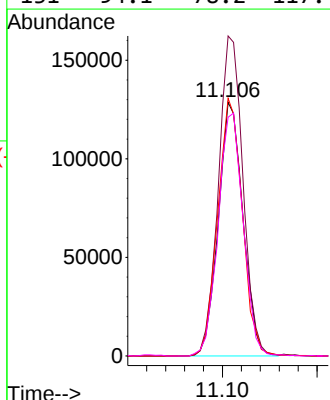
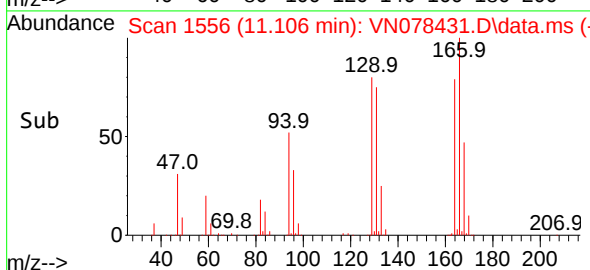
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

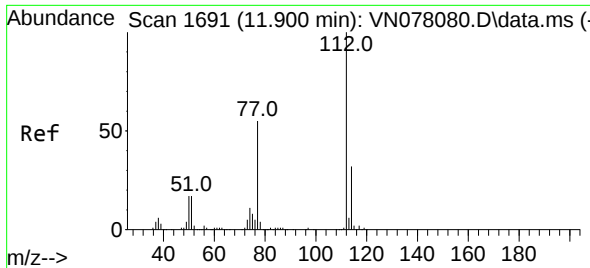


#64
Tetrachloroethene
Concen: 51.702 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



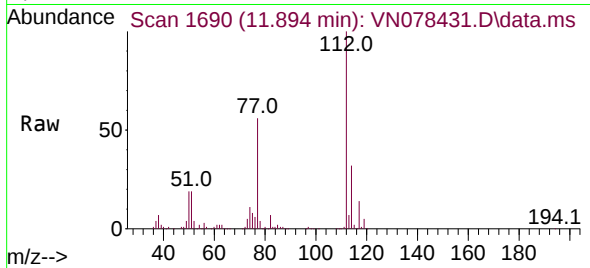
Tgt Ion:164 Resp: 232109
Ion Ratio Lower Upper
164 100
166 126.2 101.4 152.0
129 101.6 82.4 123.6
131 94.1 78.2 117.4





#65
Chlorobenzene
Concen: 49.946 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

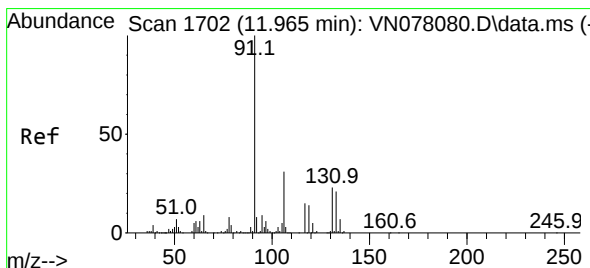
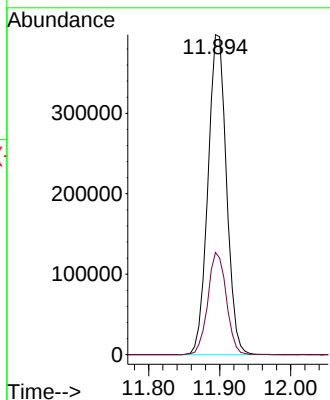
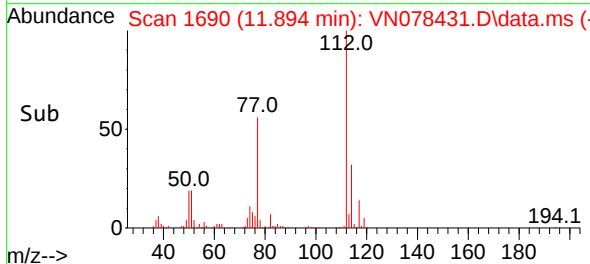
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



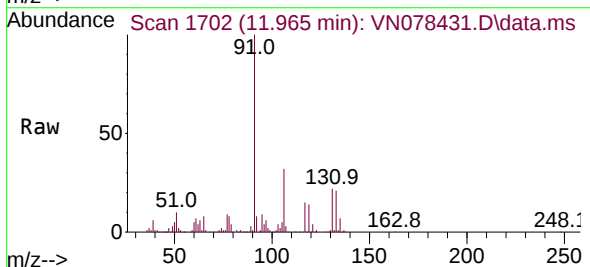
Tgt Ion:112 Resp: 719790
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

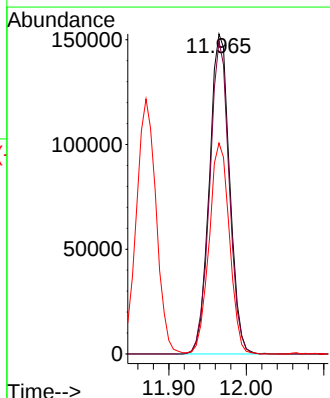
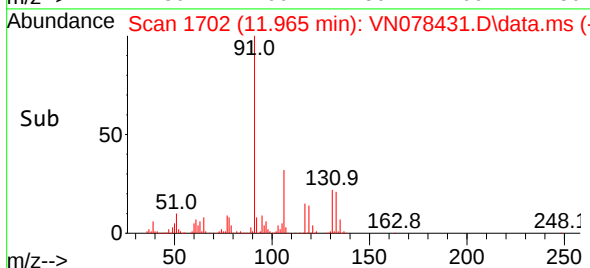
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

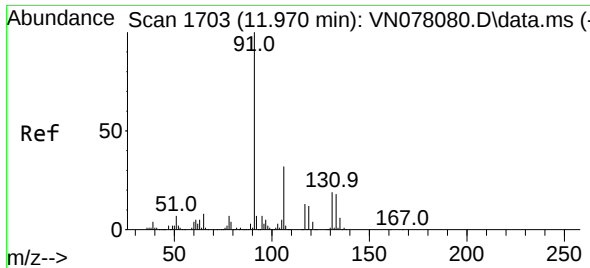


#66
1,1,1,2-Tetrachloroethane
Concen: 52.160 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



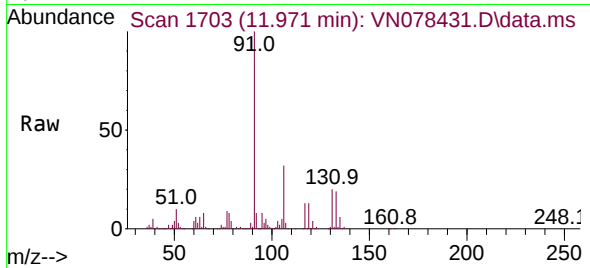
Tgt Ion:131 Resp: 276472
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 50.738 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

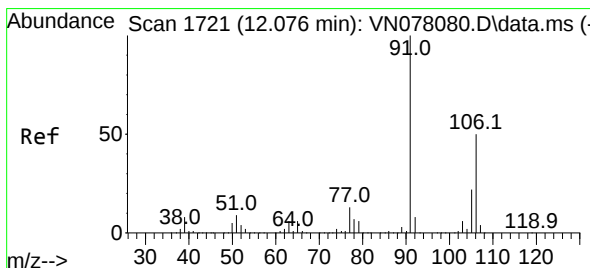
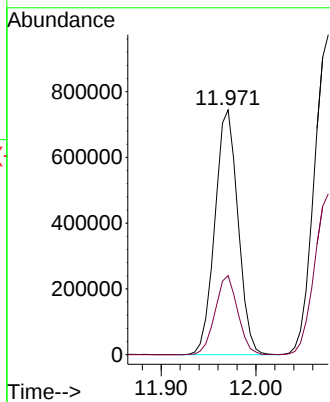
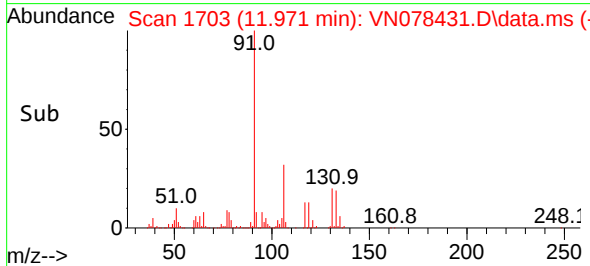
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



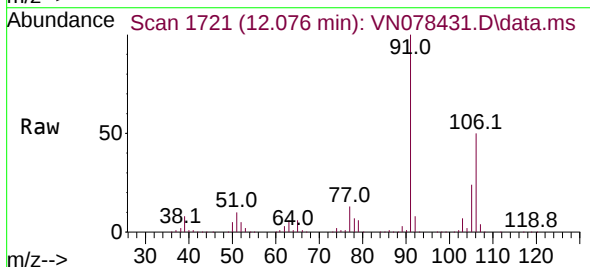
Tgt Ion: 91 Resp: 1261668
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

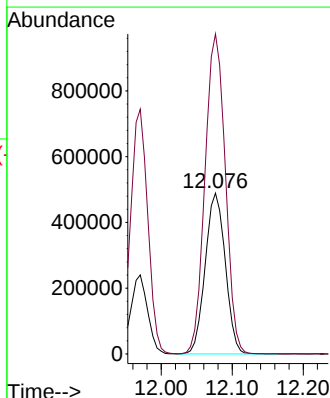
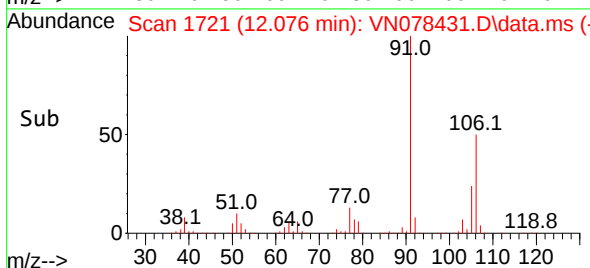
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

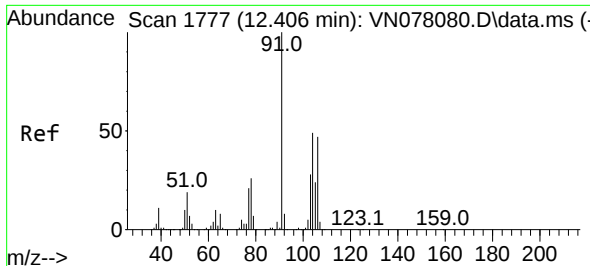


#68
m/p-Xylenes
Concen: 101.383 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion:106 Resp: 960774
Ion Ratio Lower Upper
106 100
91 201.0 159.6 239.4





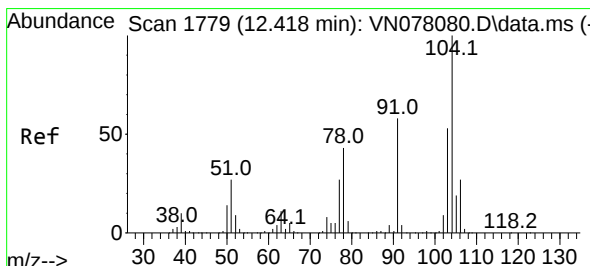
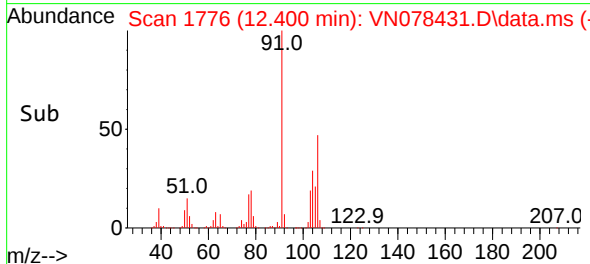
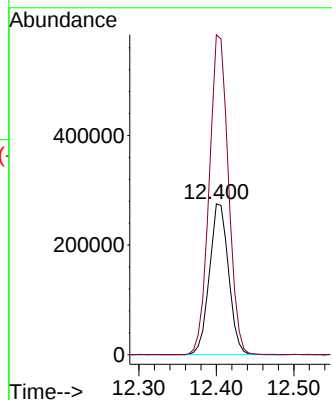
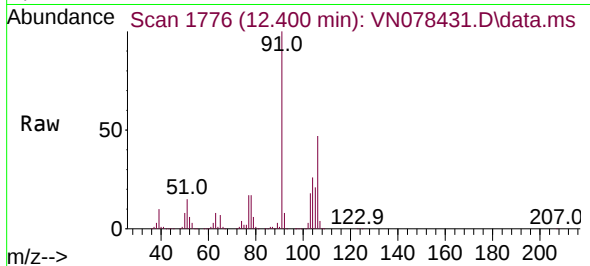
#69
o-Xylene
Concen: 50.644 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 471309
Ion Ratio Lower Upper
106 100
91 213.0 105.2 315.5

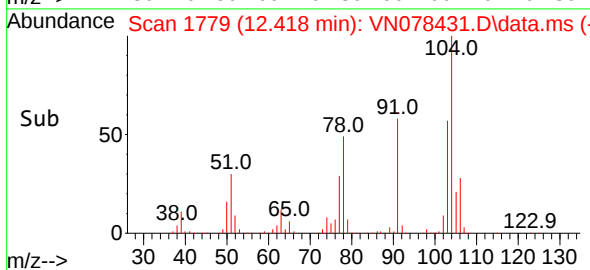
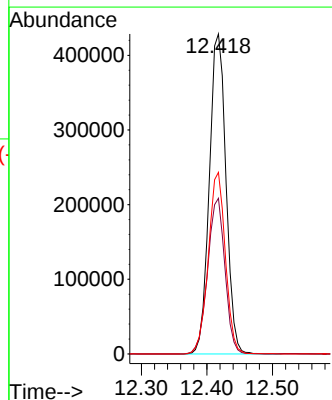
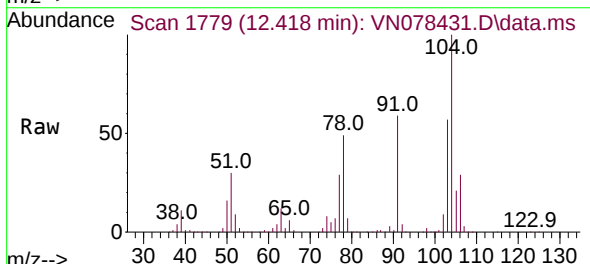
Manual Integrations
APPROVED

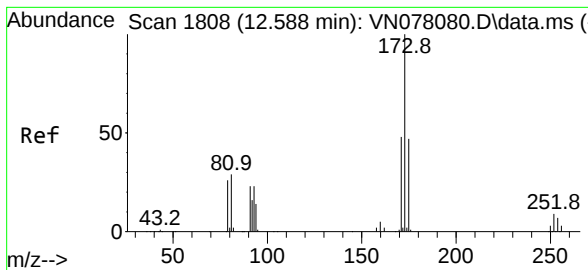
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#70
Styrene
Concen: 51.688 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

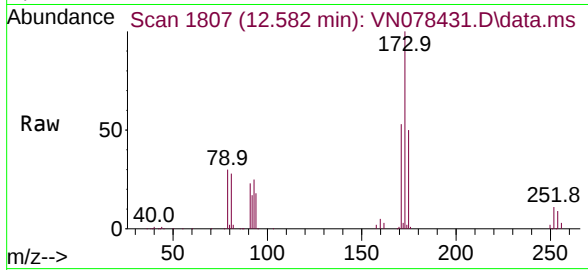
Tgt Ion:104 Resp: 757282
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 58.2 43.2 64.8





#71
Bromoform
Concen: 55.983 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

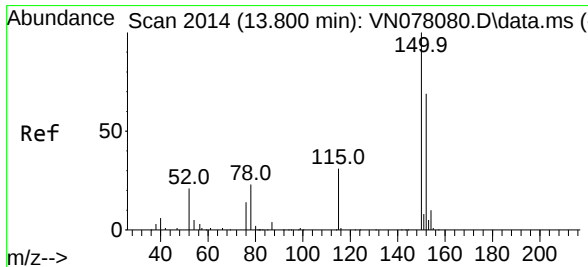
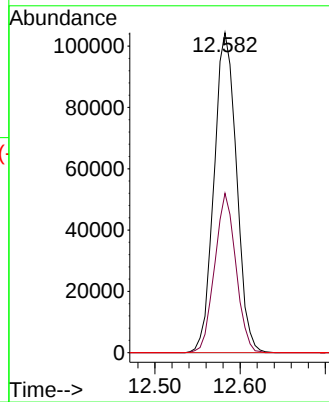
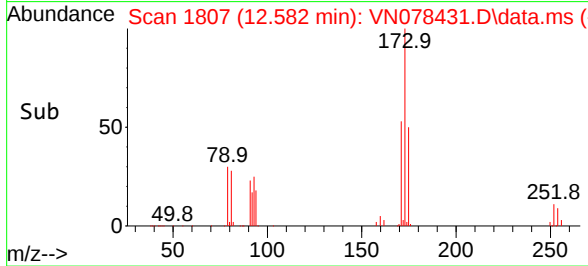
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



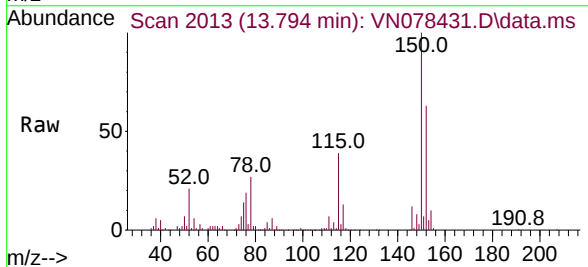
Tgt Ion:173 Resp: 19149
Ion Ratio Lower Upper
173 100
175 47.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

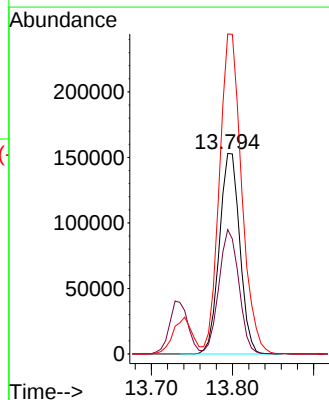
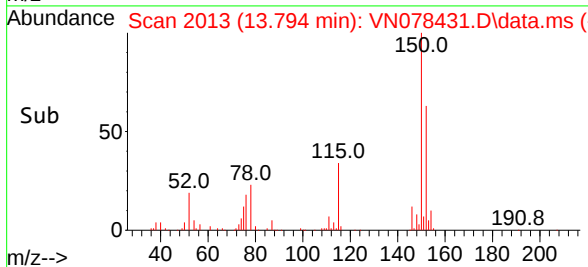
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

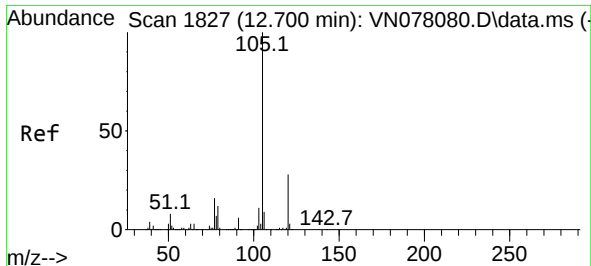


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



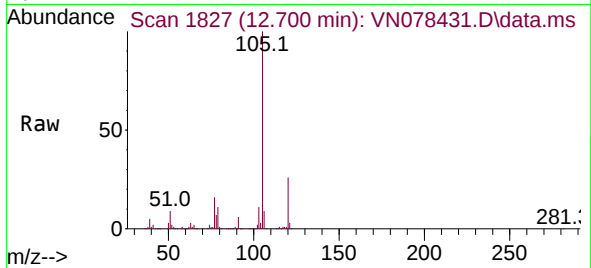
Tgt Ion:152 Resp: 267250
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 174.2 0.0 355.8





#73
Isopropylbenzene
Concen: 45.712 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

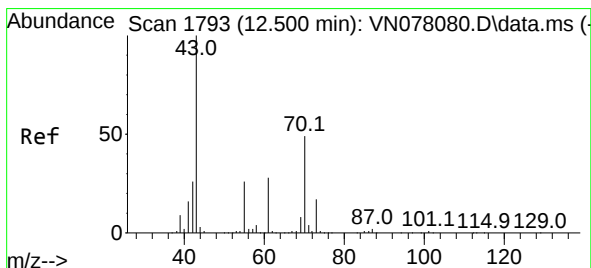
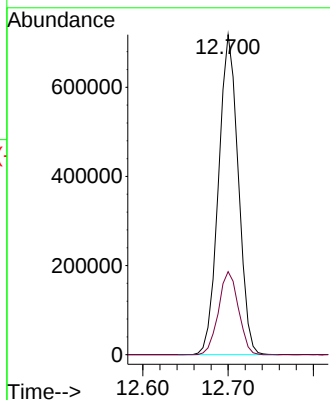
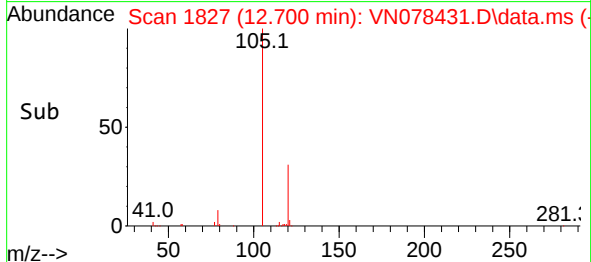
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 115523
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

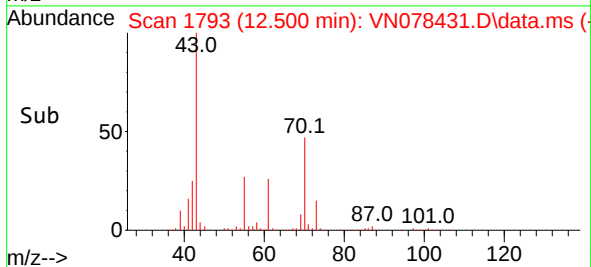
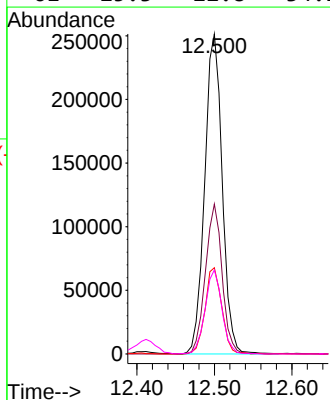
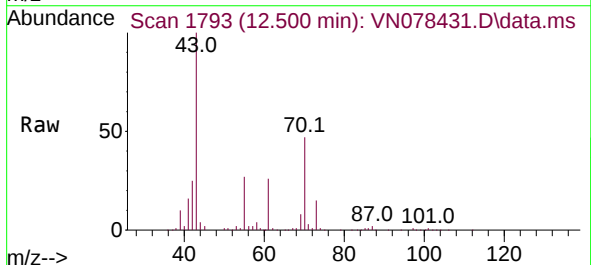
Manual Integrations
APPROVED

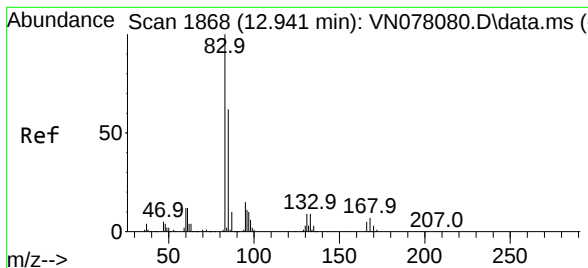
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#74
N-ethyl acetate
Concen: 47.545 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

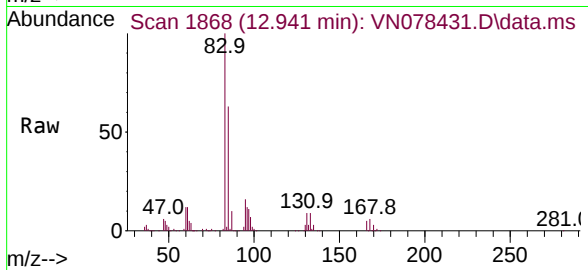
Tgt Ion: 43 Resp: 395676
Ion Ratio Lower Upper
43 100
70 44.7 43.4 65.2
55 25.7 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.084 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

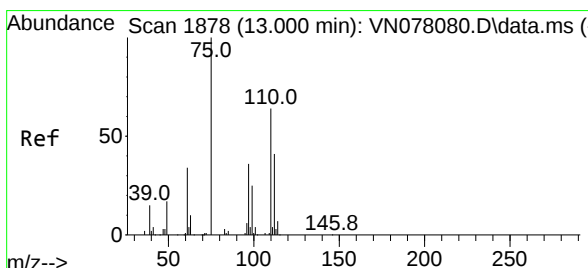
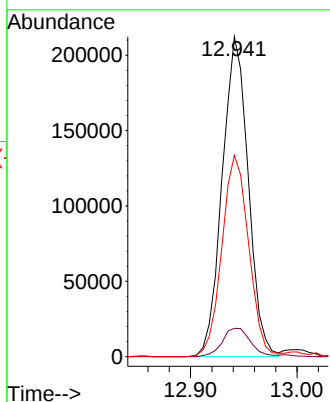
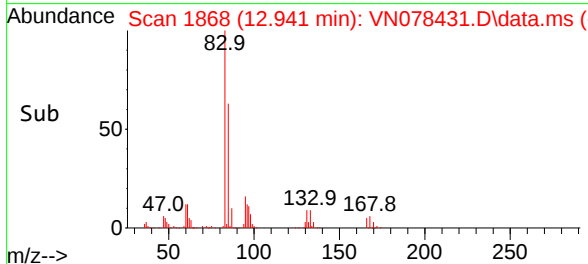
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



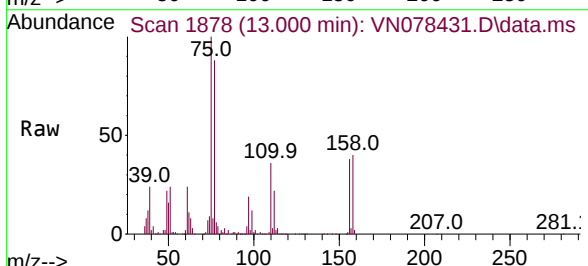
Tgt Ion: 83 Resp: 361319
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.5 31.9 95.7

Manual Integrations
APPROVED

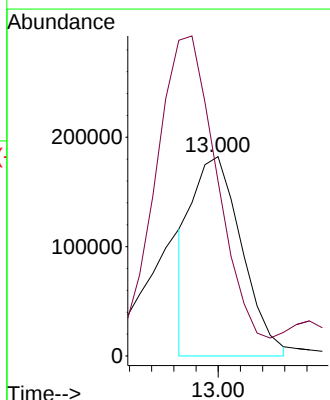
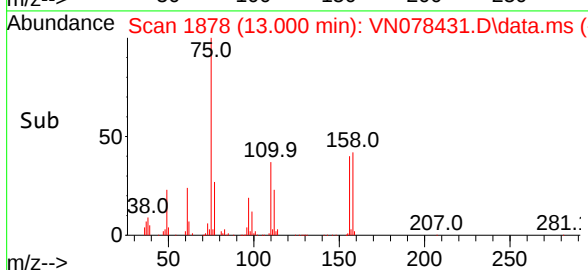
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

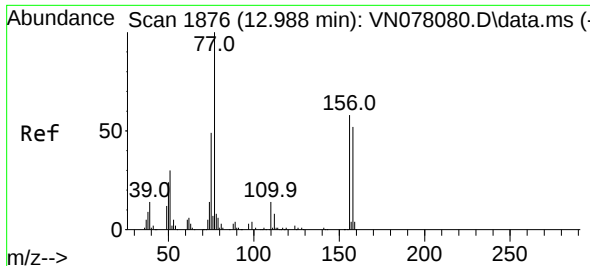


#76
1,2,3-Trichloropropane
Concen: 44.997 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



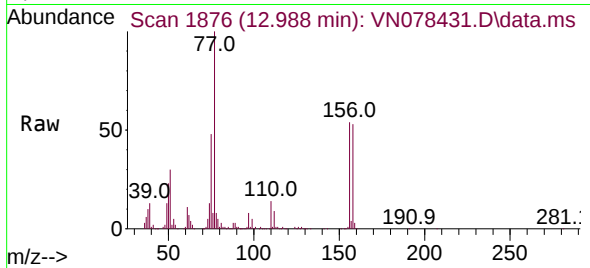
Tgt Ion: 75 Resp: 284288
Ion Ratio Lower Upper
75 100
77 204.8 84.5 253.5





#77
Bromobenzene
Concen: 47.310 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

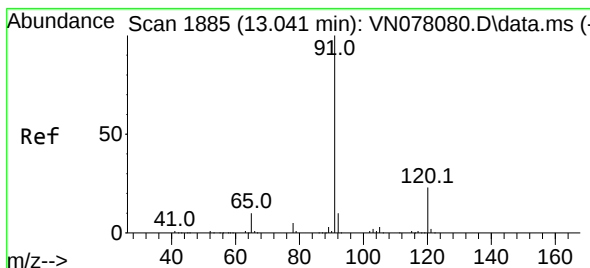
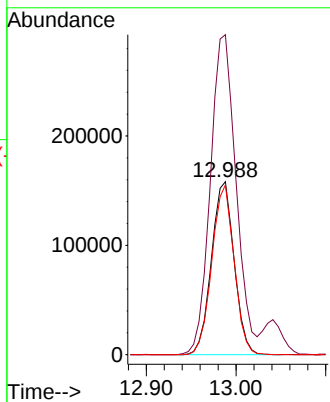
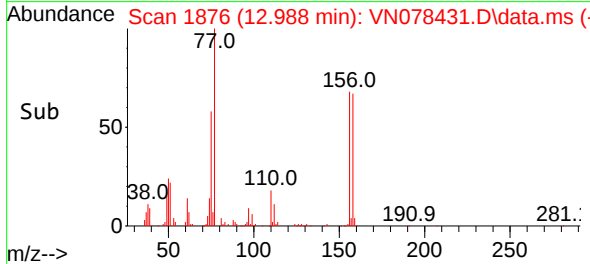
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 277548
Ion Ratio Lower Upper
156 100
77 209.7 107.7 323.3
158 96.2 48.4 145.3

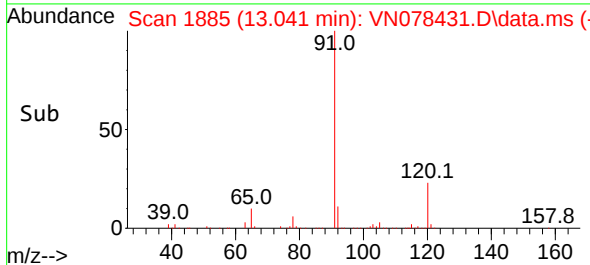
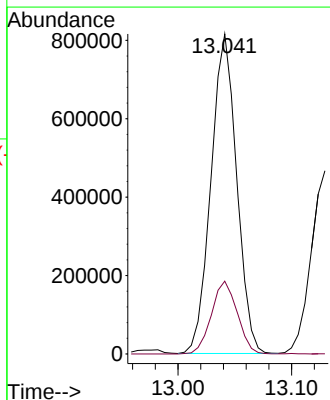
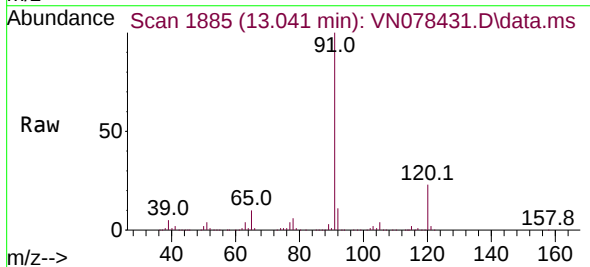
Manual Integrations
APPROVED

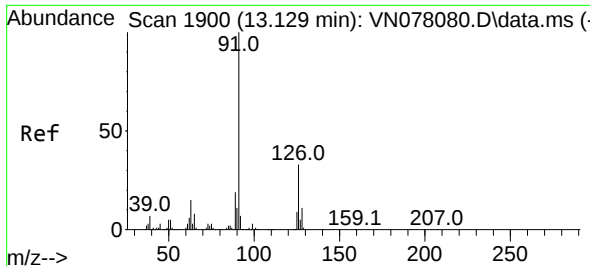
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#78
n-propylbenzene
Concen: 46.654 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Tgt Ion: 91 Resp: 1281007
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





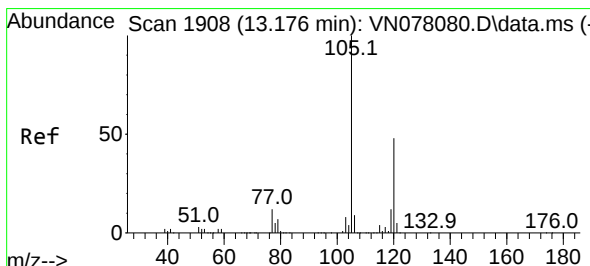
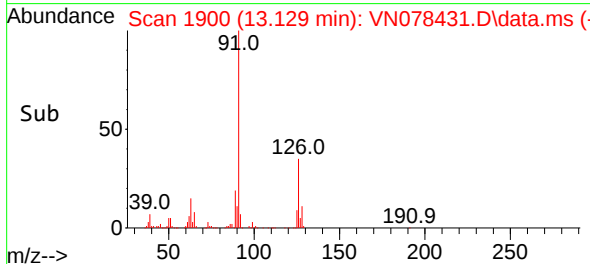
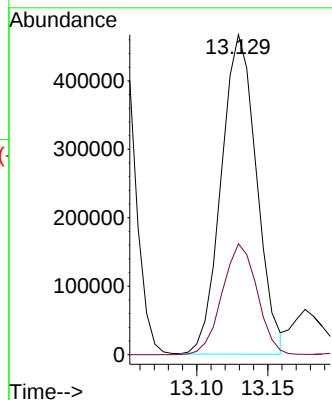
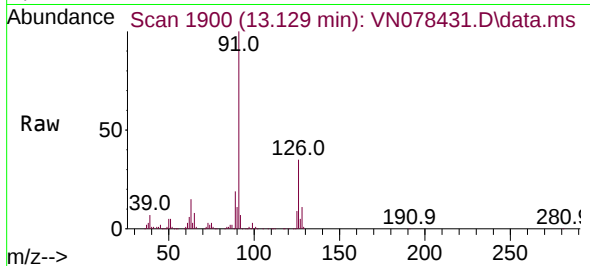
#79
2-Chlorotoluene
Concen: 45.486 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 806179
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

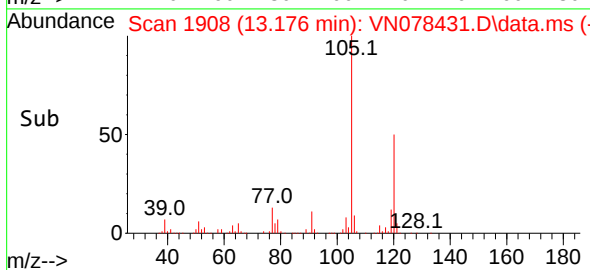
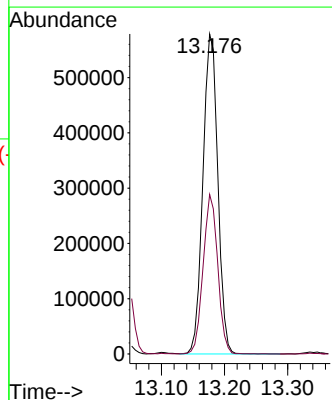
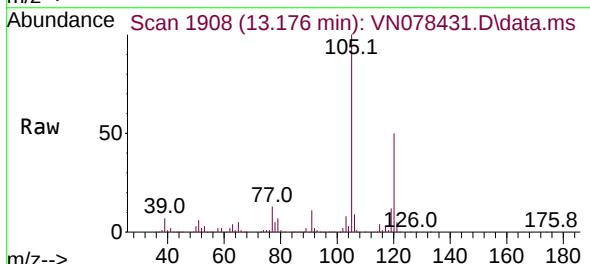
Manual Integrations
APPROVED

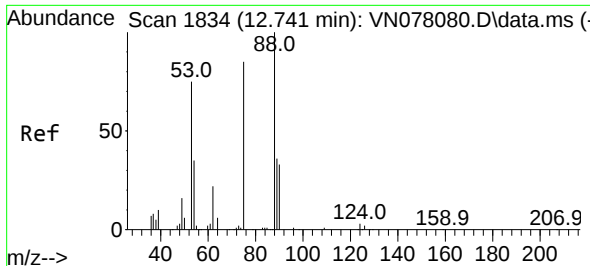
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.402 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

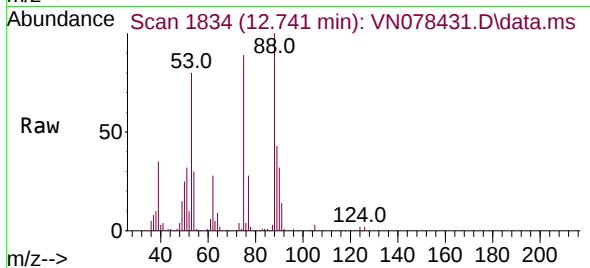
Tgt Ion:105 Resp: 949412
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.848 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

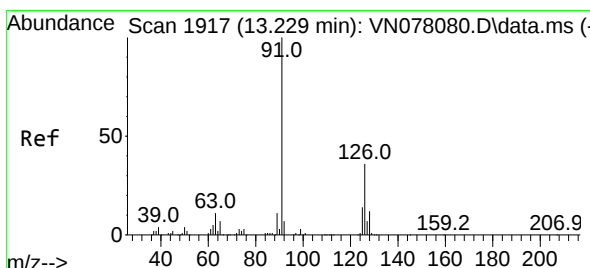
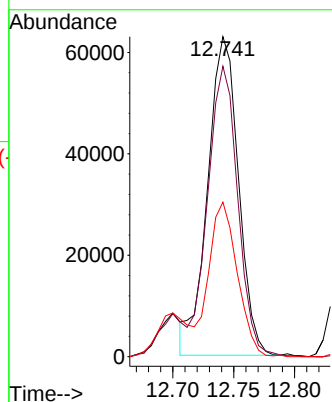
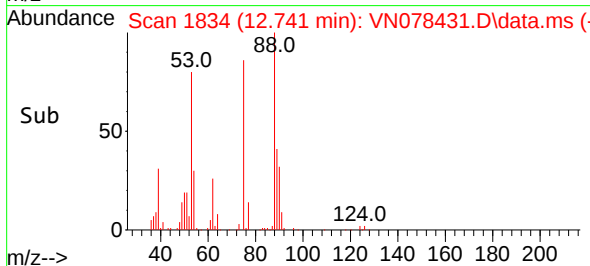
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



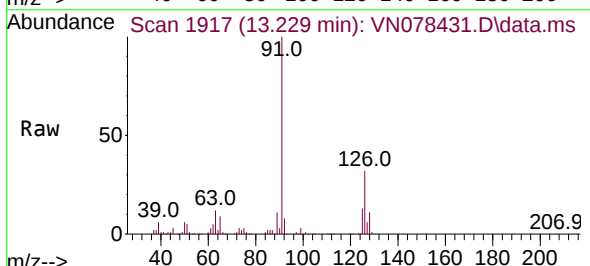
Tgt Ion: 75 Resp: 11073
Ion Ratio Lower Upper
75 100
53 88.9 67.4 101.2
89 44.6 38.8 58.2

Manual Integrations
APPROVED

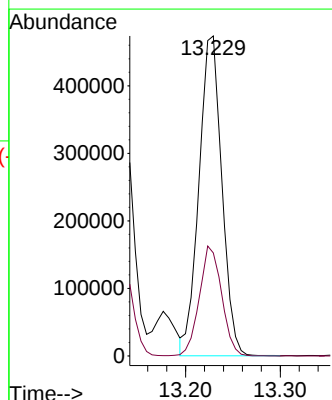
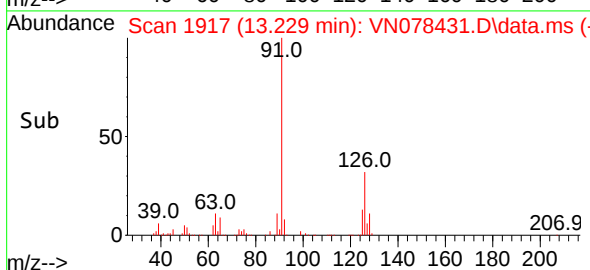
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

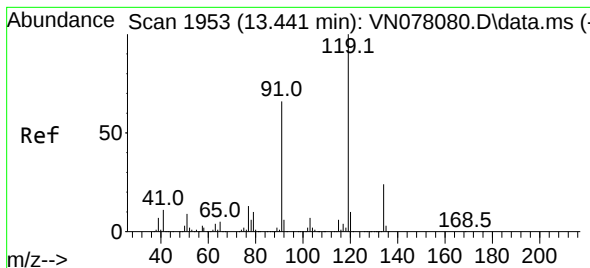


#82
4-Chlorotoluene
Concen: 48.103 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



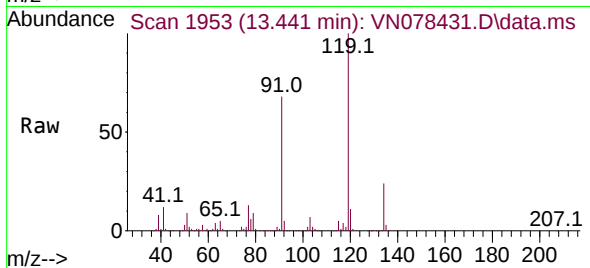
Tgt Ion: 91 Resp: 795698
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.453 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

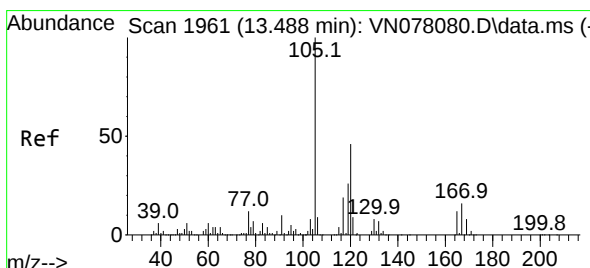
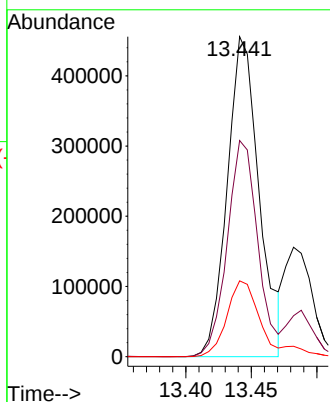
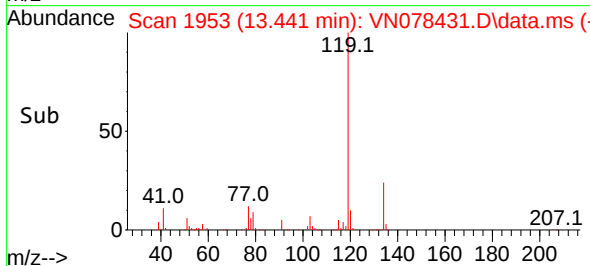
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



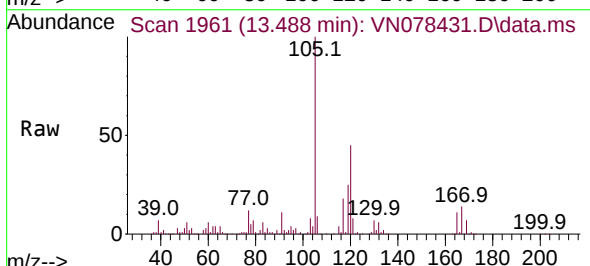
Tgt Ion:119 Resp: 772849
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

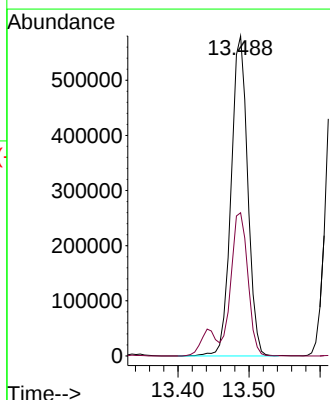
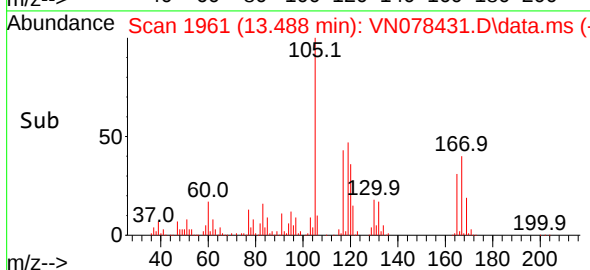
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

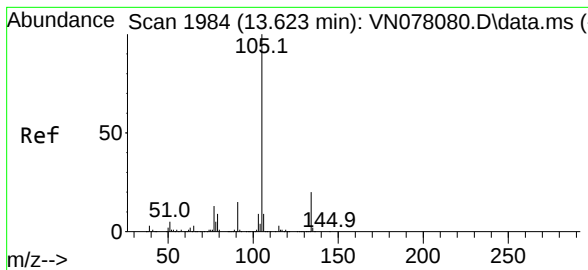


#84
1,2,4-Trimethylbenzene
Concen: 47.497 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



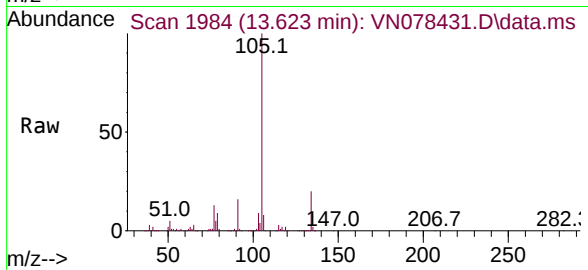
Tgt Ion:105 Resp: 942201
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 41.879 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

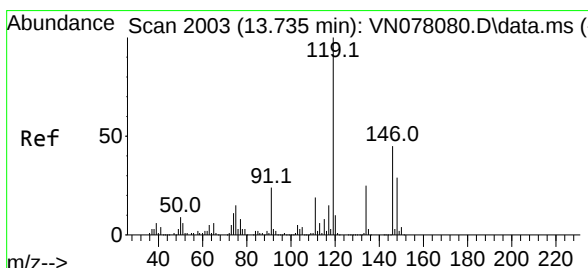
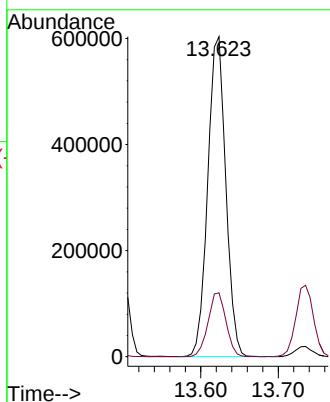
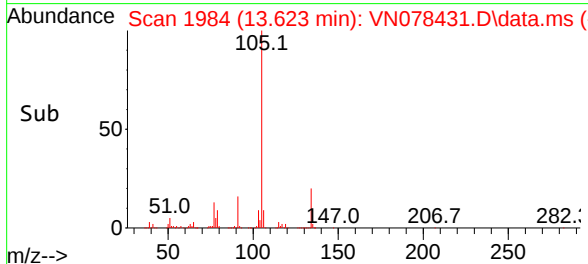
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 974889
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

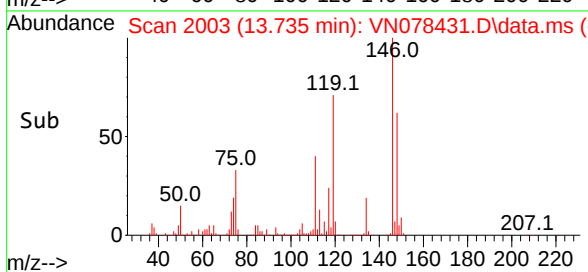
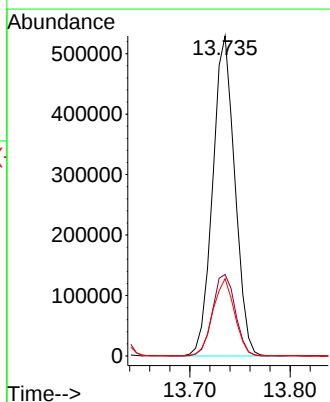
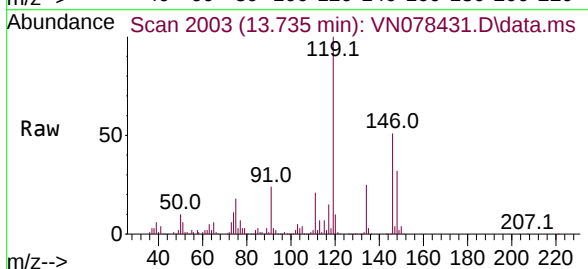
Manual Integrations
 APPROVED

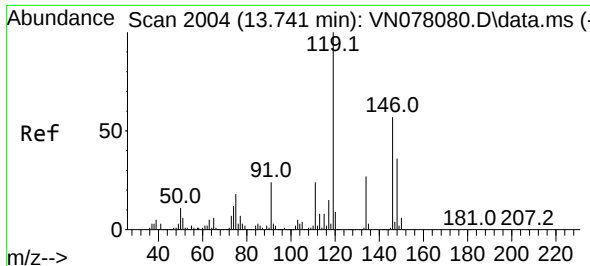
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#86
 p-Isopropyltoluene
 Concen: 42.922 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

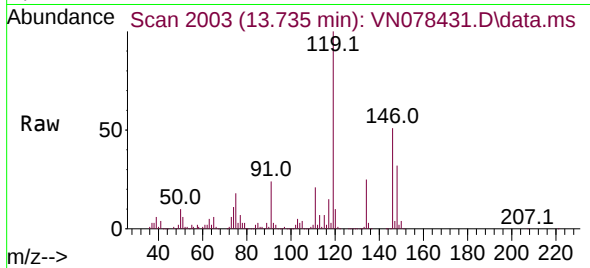
Tgt Ion:119 Resp: 810829
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 23.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 47.259 ug/l
 RT: 13.735 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41

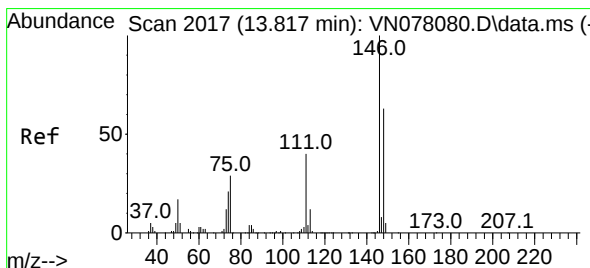
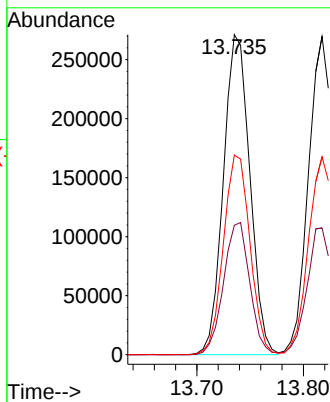
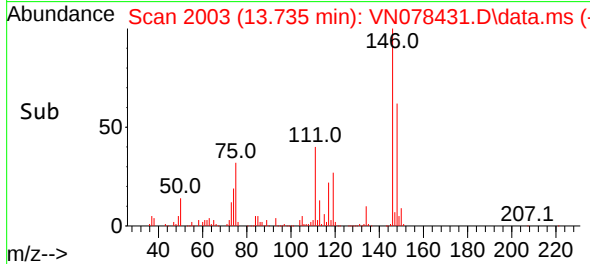
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



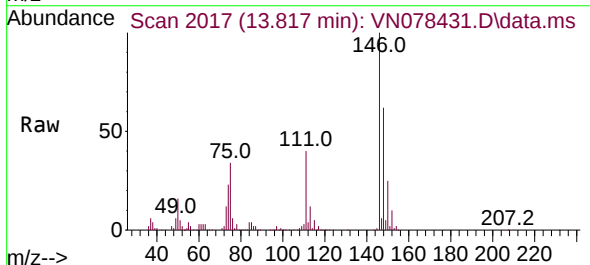
Tgt Ion:146 Resp: 468972
 Ion Ratio Lower Upper
 146 100
 111 40.9 22.1 66.3
 148 62.8 32.0 96.0

Manual Integrations
 APPROVED

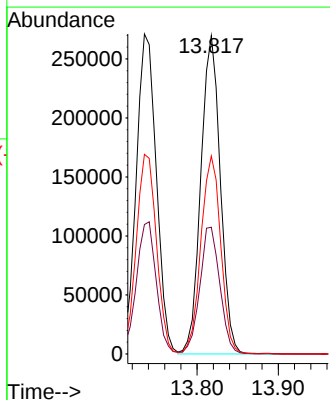
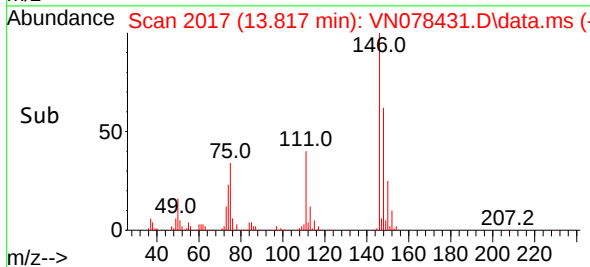
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023

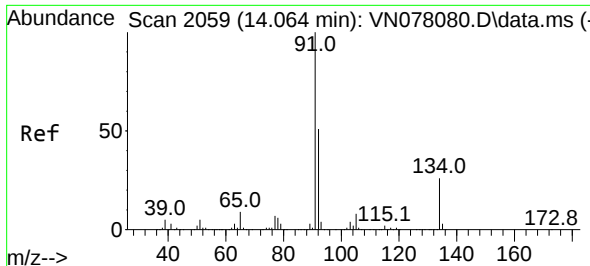


#88
 1,4-Dichlorobenzene
 Concen: 46.948 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078431.D
 Acq: 28 Jun 2023 10:41



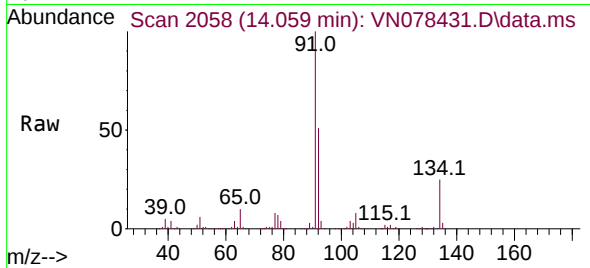
Tgt Ion:146 Resp: 449552
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 41.573 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

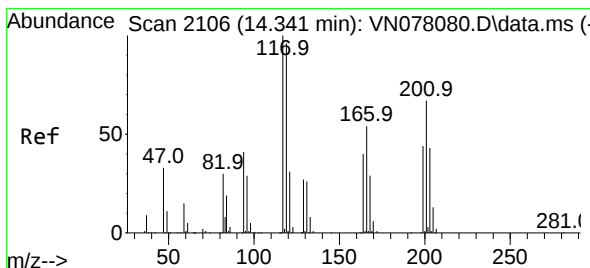
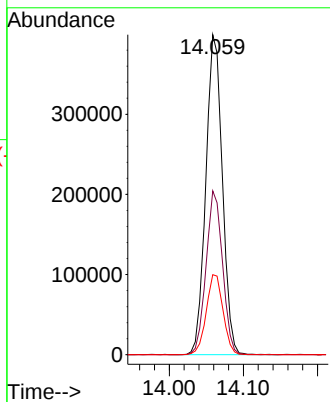
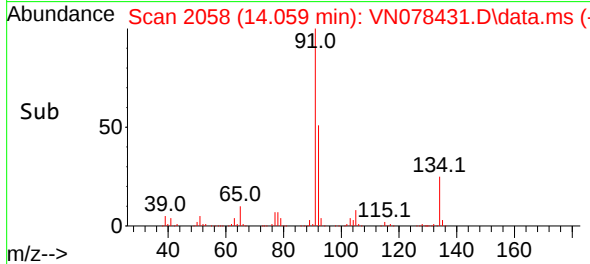
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 61945
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.4 12.6 37.6

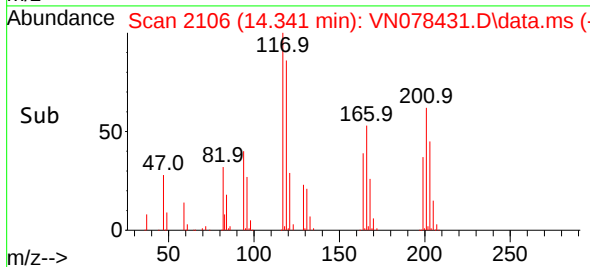
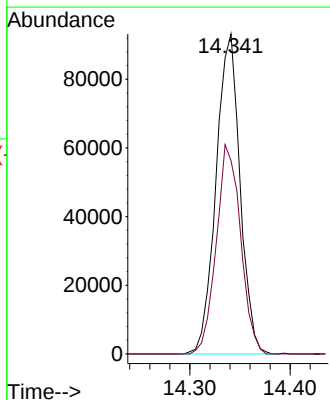
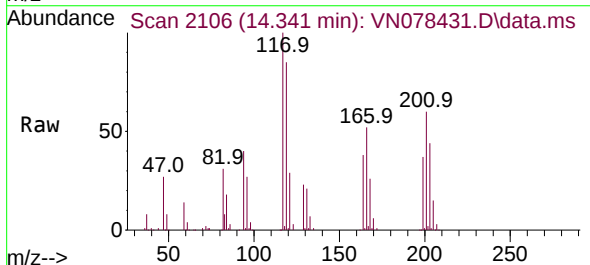
Manual Integrations
APPROVED

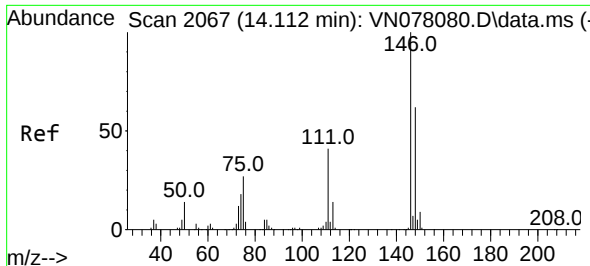
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#90
Hexachloroethane
Concen: 46.081 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

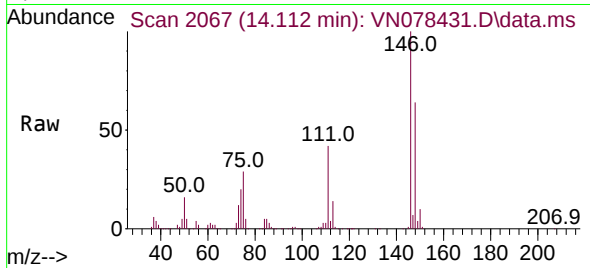
Tgt Ion:117 Resp: 154484
Ion Ratio Lower Upper
117 100
201 66.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.664 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

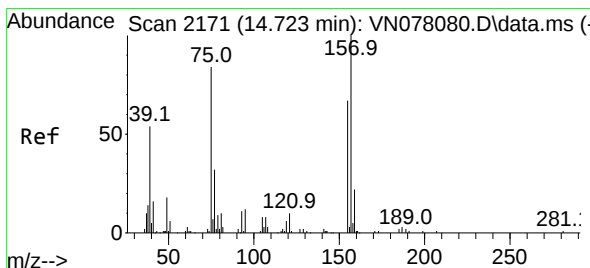
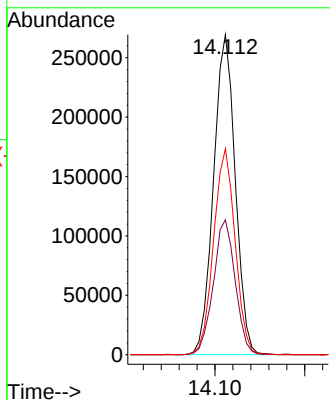
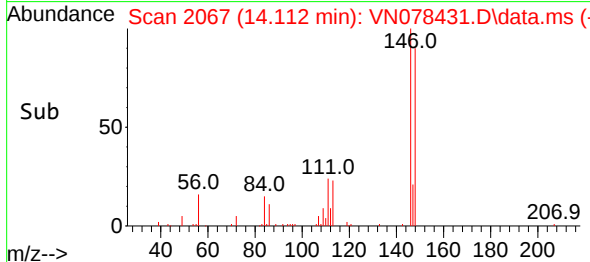
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



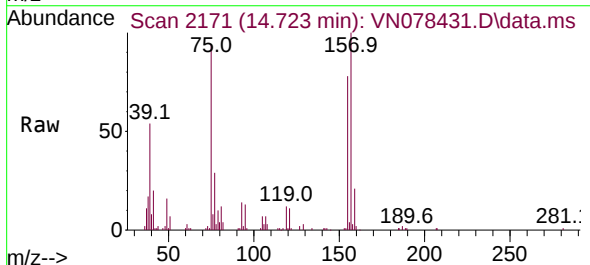
Tgt Ion:146 Resp: 452568
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.8 31.8 95.3

Manual Integrations
APPROVED

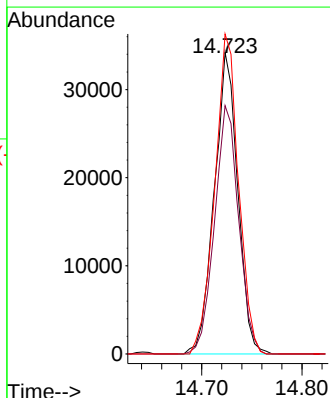
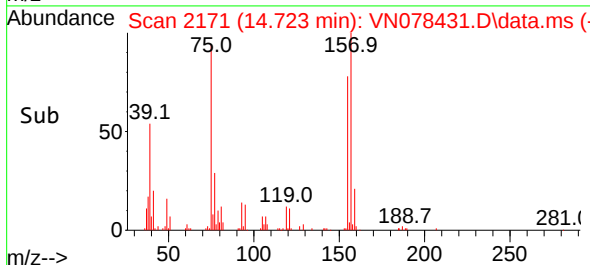
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

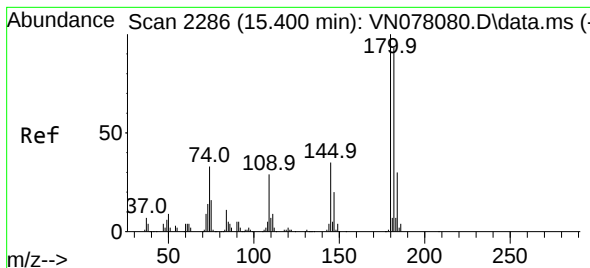


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.312 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion: 75 Resp: 55469
Ion Ratio Lower Upper
75 100
155 84.8 39.1 117.2
157 107.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.117 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 142078

Ion Ratio Lower Upper

180 100

182 96.5 46.1 138.2

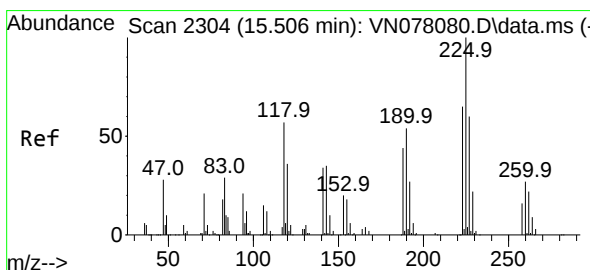
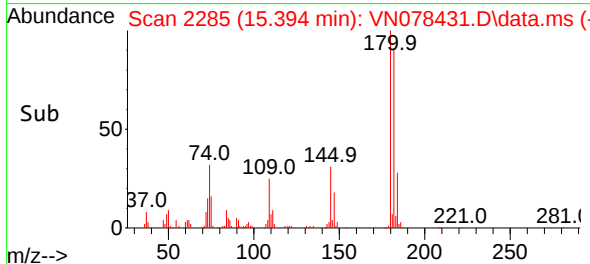
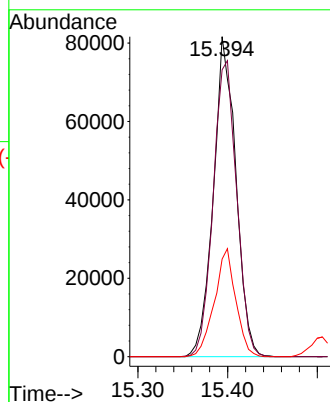
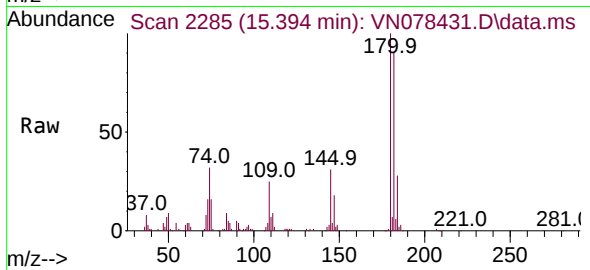
145 32.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#94

Hexachlorobutadiene

Concen: 45.822 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

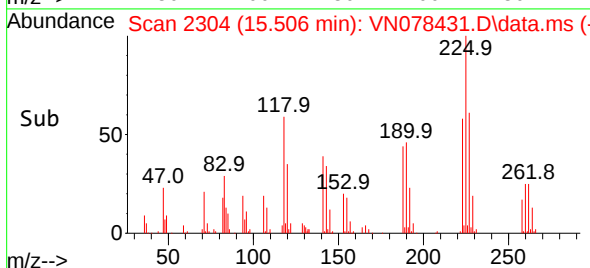
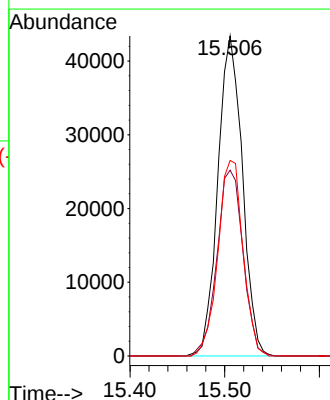
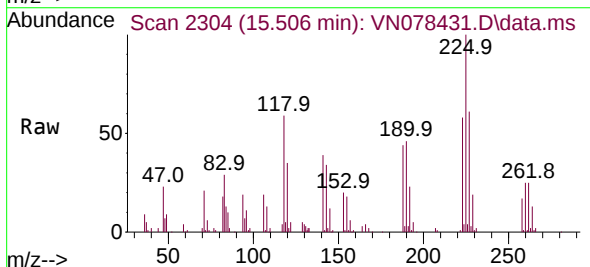
Tgt Ion:225 Resp: 77992

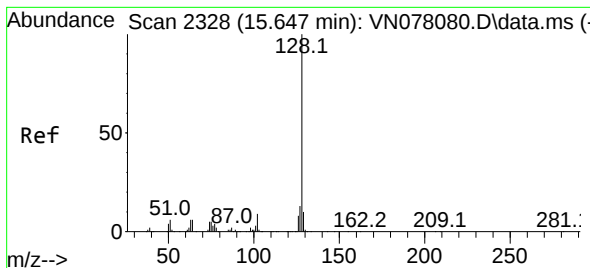
Ion Ratio Lower Upper

225 100

223 61.6 31.3 93.8

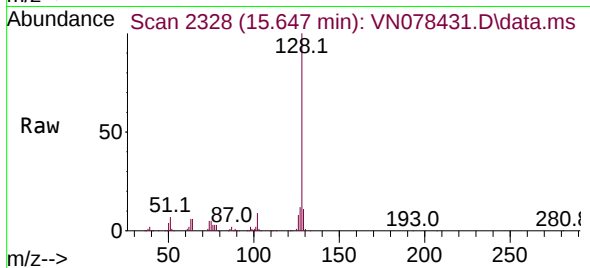
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 39.664 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41

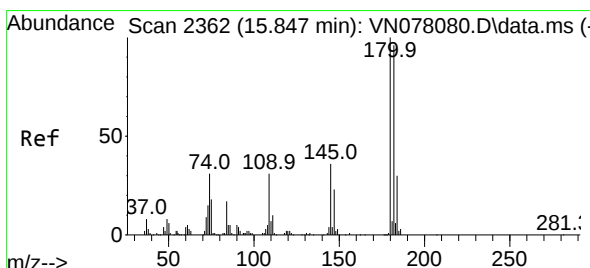
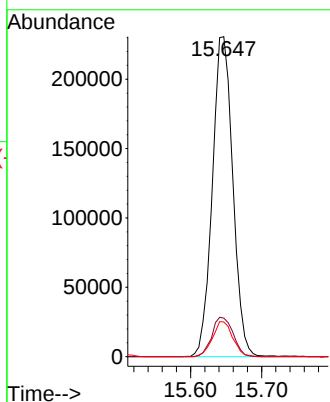
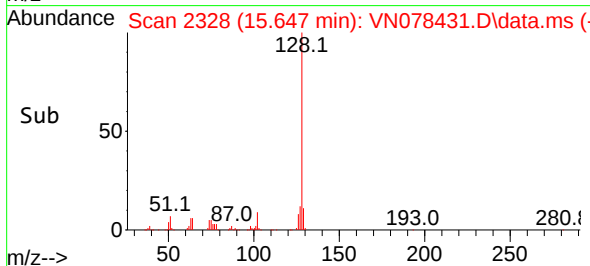
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



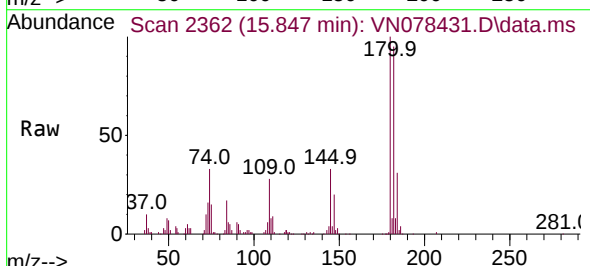
Tgt Ion:128 Resp: 461027
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.214 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078431.D
Acq: 28 Jun 2023 10:41



Tgt Ion:180 Resp: 159279
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 33.9 17.5 52.6

