

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078341.D
 Acq On : 21 Jun 2023 22:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 04:58:16 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 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	390958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	636390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279247	53.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.140%			
35) Dibromofluoromethane	8.177	113	242088	52.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	890572	49.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.853	95	284773	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	167650	37.935	ug/l	100
3) Chloromethane	2.371	50	201227	48.339	ug/l	97
4) Vinyl Chloride	2.524	62	278464	48.119	ug/l	99
5) Bromomethane	2.954	94	195519	44.706	ug/l	100
6) Chloroethane	3.124	64	194495	49.302	ug/l	99
7) Trichlorofluoromethane	3.506	101	353135	44.999	ug/l	99
8) Diethyl Ether	3.971	74	128632	46.650	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.389	101	199537	48.179	ug/l	99
10) Methyl Iodide	4.600	142	276314	47.177	ug/l	100
11) Tert butyl alcohol	5.542	59	168130	233.591	ug/l	99
12) 1,1-Dichloroethene	4.353	96	190107	44.529	ug/l	94
13) Acrolein	4.189	56	189317	238.654	ug/l	99
14) Allyl chloride	5.042	41	248630	47.708	ug/l	92
15) Acrylonitrile	5.730	53	485481	261.622	ug/l	100
16) Acetone	4.442	43	367661	245.042	ug/l	93
17) Carbon Disulfide	4.724	76	416130	37.869	ug/l	100
18) Methyl Acetate	5.036	43	358248	51.861	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	695872	51.086	ug/l	95
20) Methylene Chloride	5.295	84	235037	47.404	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	211222	45.871	ug/l	93
22) Diisopropyl ether	6.683	45	663972	54.163	ug/l	93
23) Vinyl Acetate	6.612	43	1882219	258.296	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	418521	51.754	ug/l	98
25) 2-Butanone	7.494	43	596321	258.451	ug/l	88
26) 2,2-Dichloropropane	7.500	77	283935	47.552	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	258955	47.147	ug/l	93
28) Bromochloromethane	7.824	49	209447	56.410	ug/l	88
29) Tetrahydrofuran	7.847	42	390157	252.949	ug/l	86
30) Chloroform	7.977	83	463210	53.194	ug/l	97
31) Cyclohexane	8.265	56	281213	42.056	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	398834	52.169	ug/l	96
36) 1,1-Dichloropropene	8.383	75	310412	46.715	ug/l	97
37) Ethyl Acetate	7.571	43	257927	49.688	ug/l	95
38) Carbon Tetrachloride	8.371	117	343815	49.002	ug/l	98
39) Methylcyclohexane	9.606	83	266887	38.757	ug/l	90
40) Benzene	8.612	78	970629	48.929	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	134484	47.797	ug/l	94
42) 1,2-Dichloroethane	8.683	62	344865	50.703	ug/l	97
43) Isopropyl Acetate	8.700	43	521874	52.569	ug/l #	89
44) Trichloroethene	9.359	130	241847	46.164	ug/l	100
45) 1,2-Dichloropropane	9.630	63	257691	52.211	ug/l	94
46) Dibromomethane	9.718	93	175918	48.390	ug/l	95
47) Bromodichloromethane	9.894	83	367024	54.351	ug/l	97
48) Methyl methacrylate	9.688	41	209387	50.260	ug/l	91
49) 1,4-Dioxane	9.700	88	80037	914.058	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	1380884	264.149	ug/l	93
52) Toluene	10.635	92	614048	49.026	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	366924	52.174	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	400748	51.549	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	254437	53.701	ug/l	95
56) Ethyl methacrylate	10.882	69	364273	52.801	ug/l	92
57) 1,3-Dichloropropane	11.165	76	413164	51.661	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	668309	239.798	ug/l	92
59) 2-Hexanone	11.200	43	958558	263.342	ug/l	91
60) Dibromochloromethane	11.365	129	276707	53.371	ug/l	98
61) 1,2-Dibromoethane	11.476	107	246970	49.670	ug/l	100
64) Tetrachloroethene	11.112	164	180851	42.598	ug/l	98
65) Chlorobenzene	11.894	112	650606	47.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	255422	50.956	ug/l	97
67) Ethyl Benzene	11.971	91	1144071	48.651	ug/l	100
68) m/p-Xylenes	12.076	106	856039	95.519	ug/l	97
69) o-Xylene	12.400	106	426247	48.433	ug/l	97
70) Styrene	12.418	104	709411	51.202	ug/l	98
71) Bromoform	12.582	173	173347	53.587	ug/l #	100
73) Isopropylbenzene	12.700	105	1038000	43.518	ug/l	99
74) N-amyl acetate	12.500	43	369181	47.002	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	353205	54.038	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	281755m	47.251	ug/l	
77) Bromobenzene	12.982	156	249199	45.006	ug/l	100
78) n-propylbenzene	13.041	91	1157182	44.654	ug/l	99
79) 2-Chlorotoluene	13.129	91	736825	44.048	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	845613	43.789	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98388	50.693	ug/l	92
82) 4-Chlorotoluene	13.223	91	704360	45.116	ug/l	99
83) tert-Butylbenzene	13.441	119	729857	43.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	850307	45.417	ug/l	99
85) sec-Butylbenzene	13.623	105	917449	41.757	ug/l	100
86) p-Isopropyltoluene	13.735	119	756652	42.438	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	412781	44.073	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	401846	44.465	ug/l	99
89) n-Butylbenzene	14.059	91	589822	41.941	ug/l	97
90) Hexachloroethane	14.341	117	150949	47.707	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	417302	45.590	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55121	46.656	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	138324	42.414	ug/l	99
94) Hexachlorobutadiene	15.506	225	75362	46.980	ug/l	95
95) Naphthalene	15.647	128	413400	37.684	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	149031	40.858	ug/l	99

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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

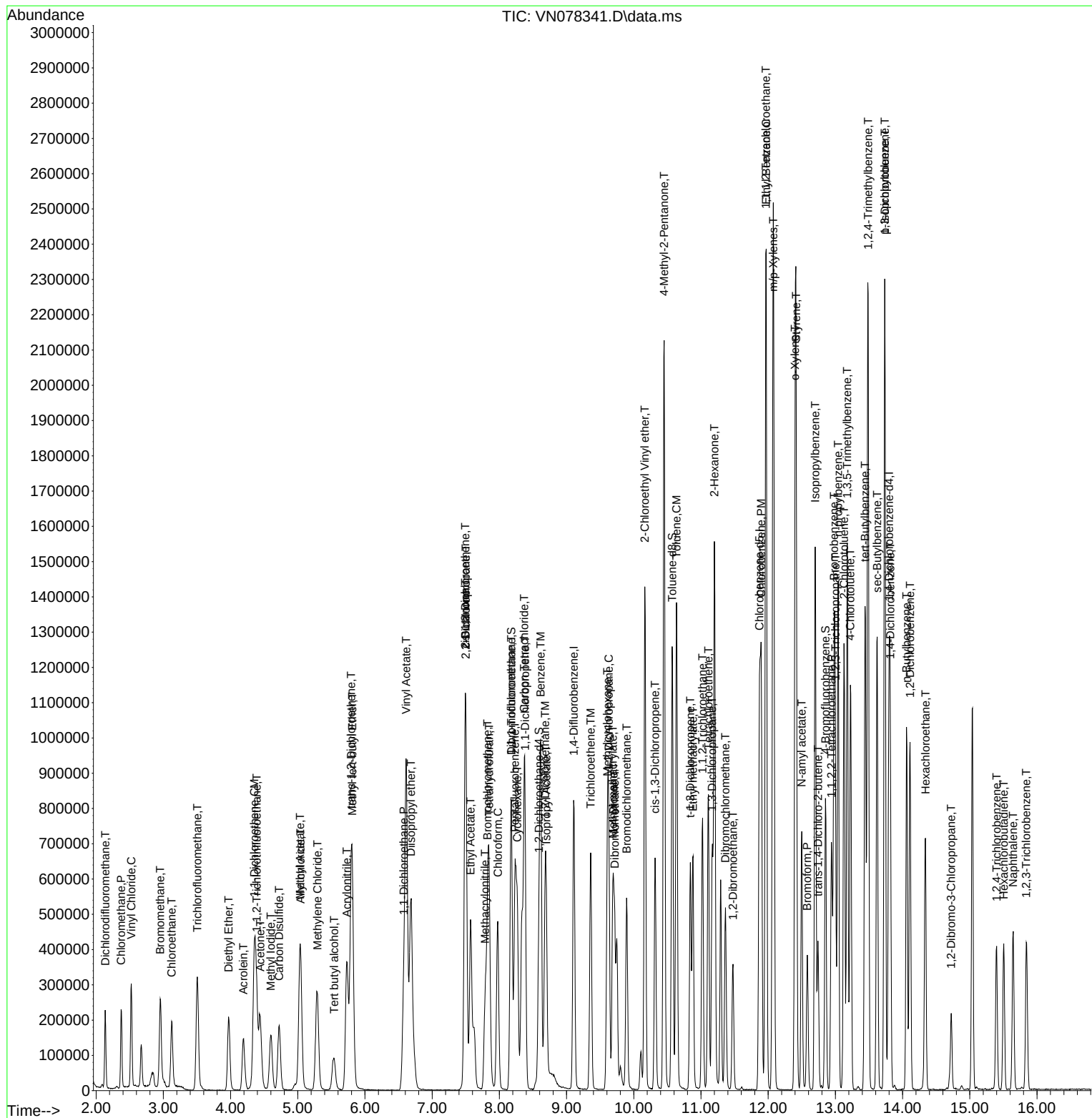
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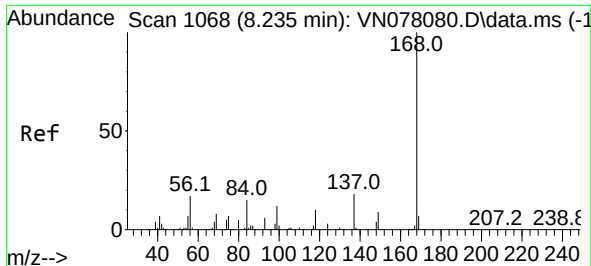
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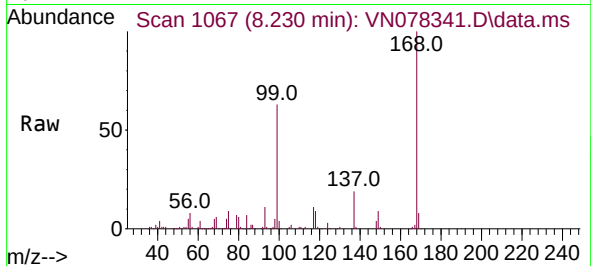
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078341.D
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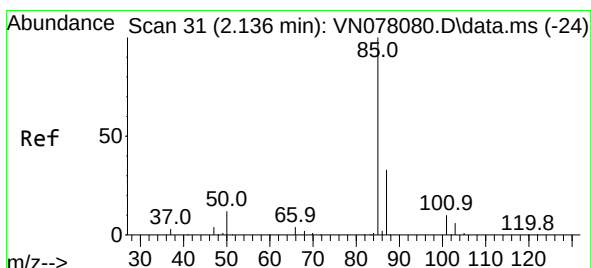
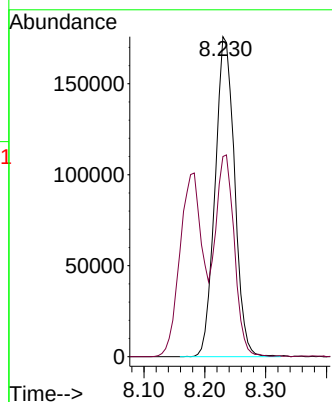
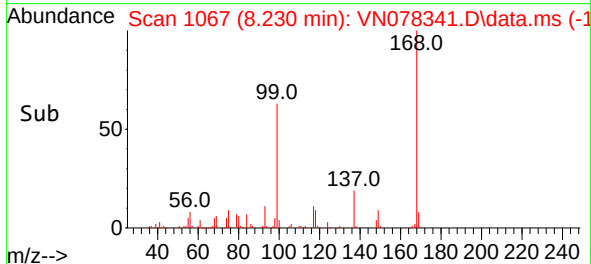
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 390958
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6

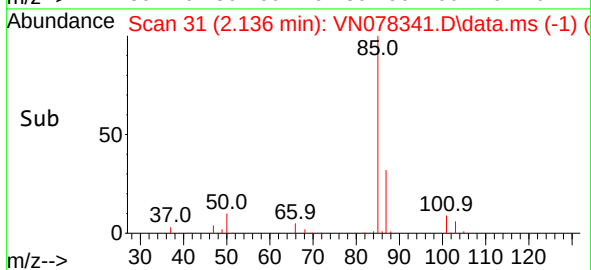
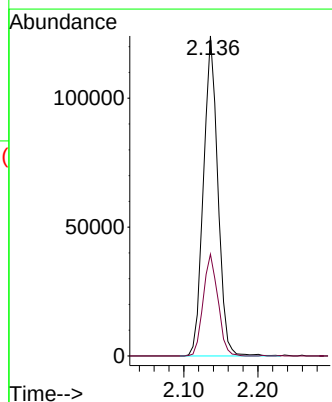
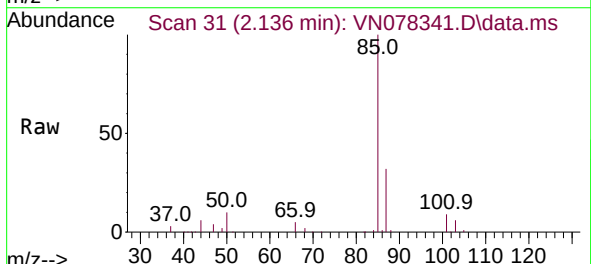
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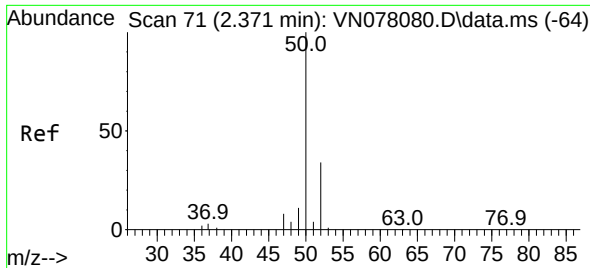
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 37.935 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

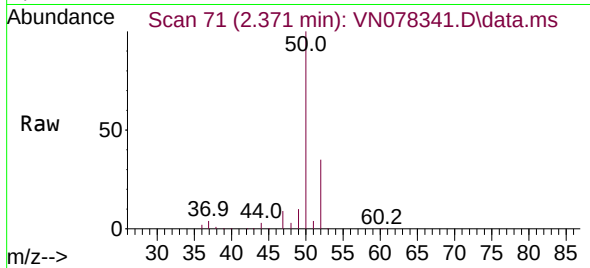
Tgt Ion: 85 Resp: 167650
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 48.339 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

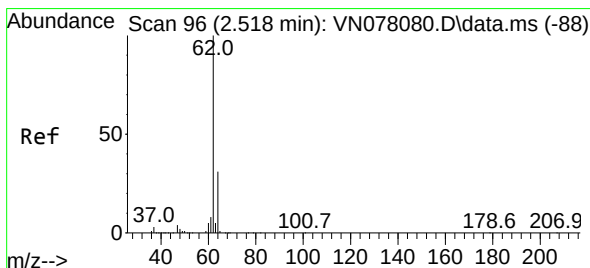
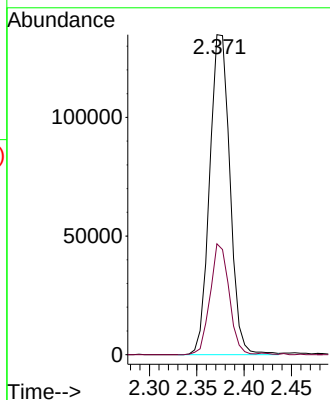
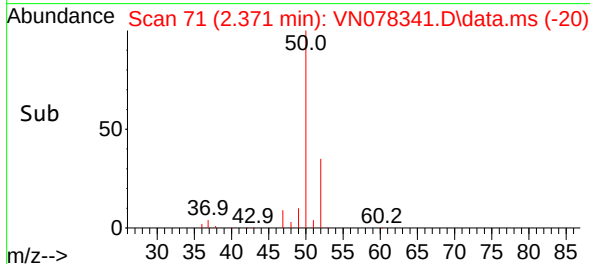
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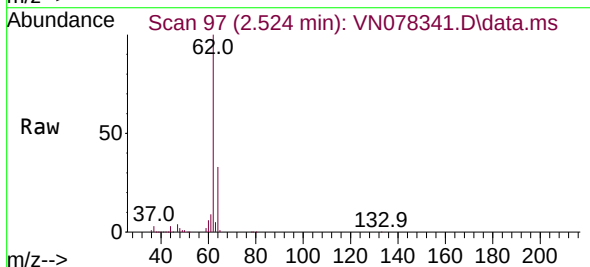
Tgt Ion: 50 Resp: 20122
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

Manual Integrations
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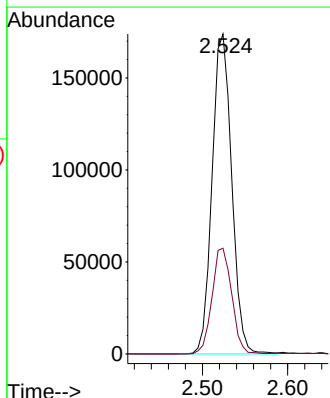
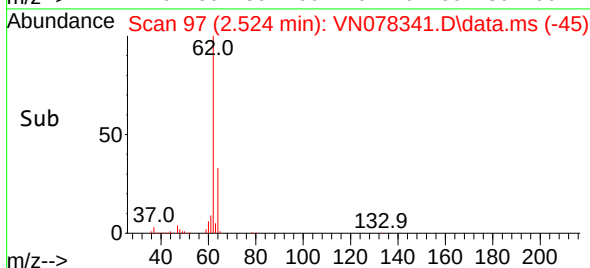
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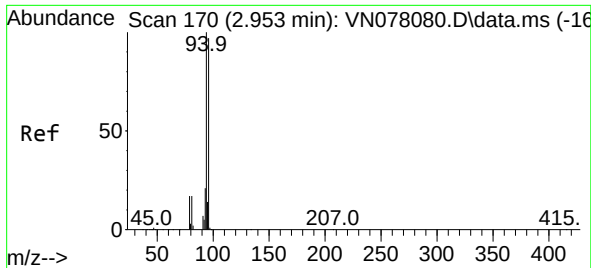


#4
Vinyl Chloride
Concen: 48.119 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



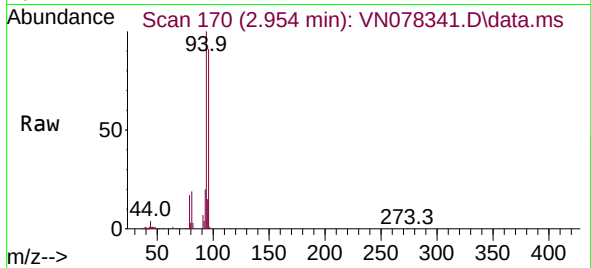
Tgt Ion: 62 Resp: 278464
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 44.706 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

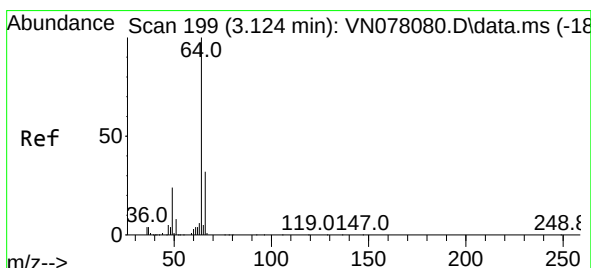
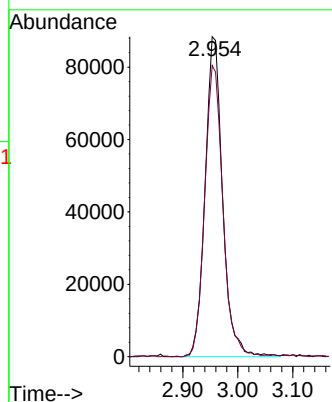
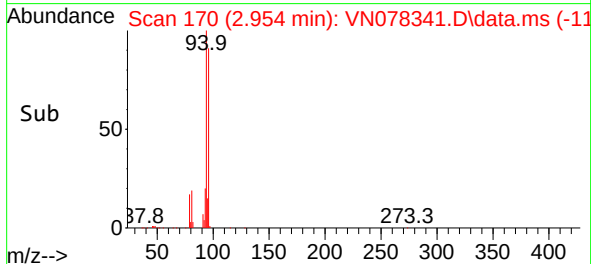
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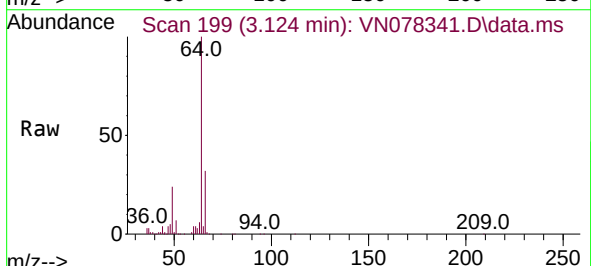
Tgt Ion: 94 Resp: 195519
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7

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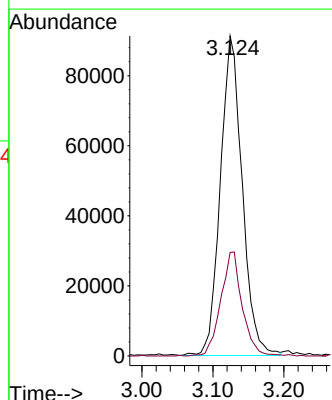
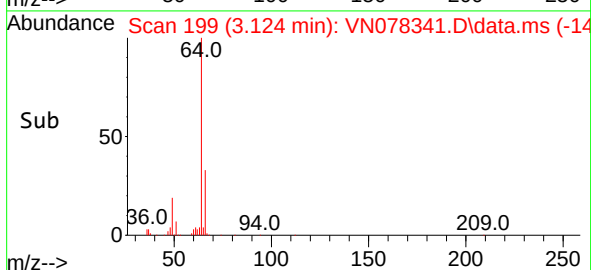
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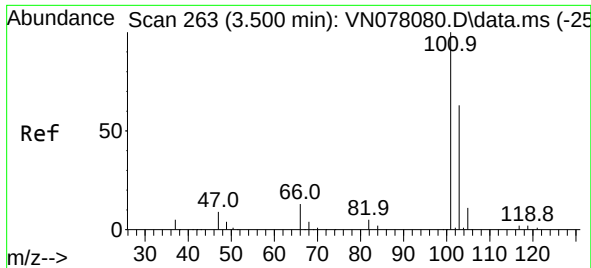


#6
Chloroethane
Concen: 49.302 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078341.D
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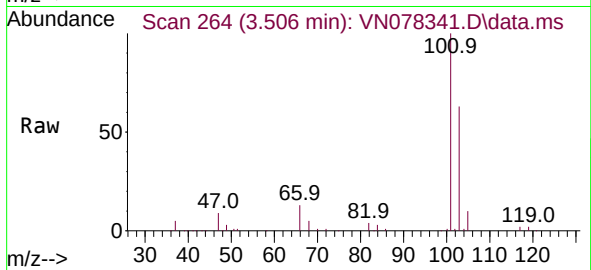
Tgt Ion: 64 Resp: 194495
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 44.999 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN078341.D
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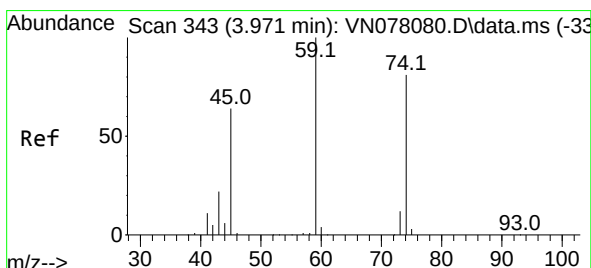
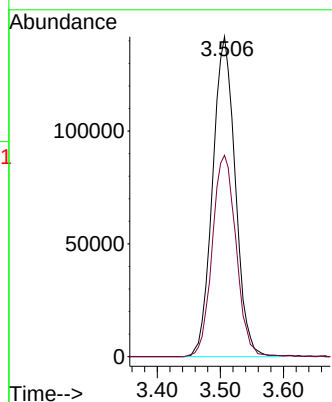
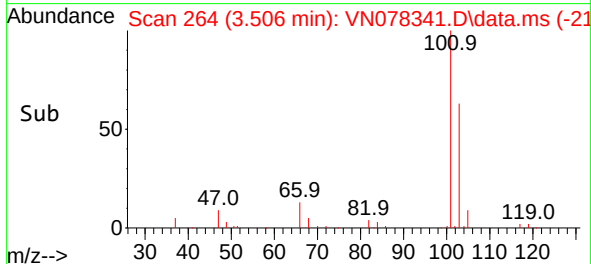
Instrument :
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Tgt Ion:101 Resp: 35313
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

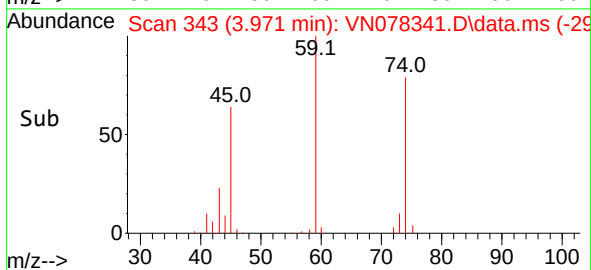
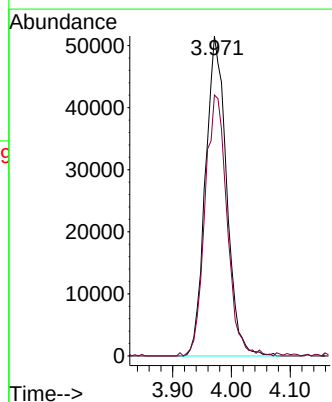
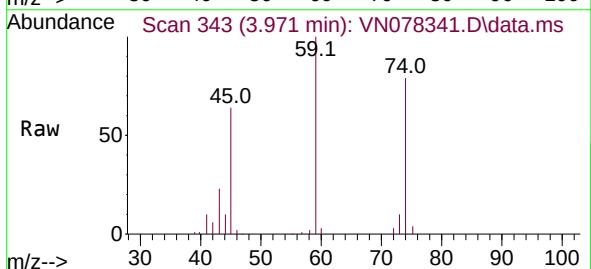
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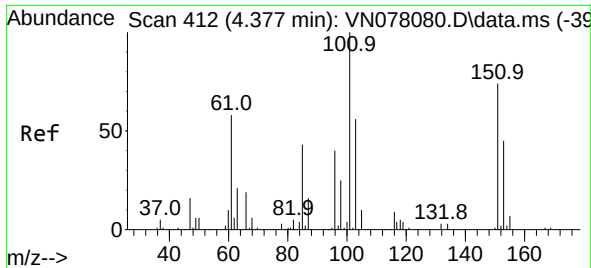
Reviewed By :John Carlone 06/22/2023
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#8
Diethyl Ether
Concen: 46.650 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078341.D
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Tgt Ion: 74 Resp: 128632
Ion Ratio Lower Upper
74 100
45 85.2 34.4 103.3





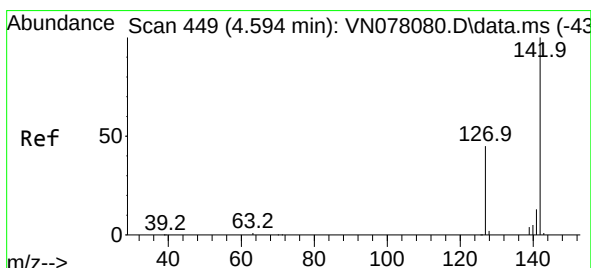
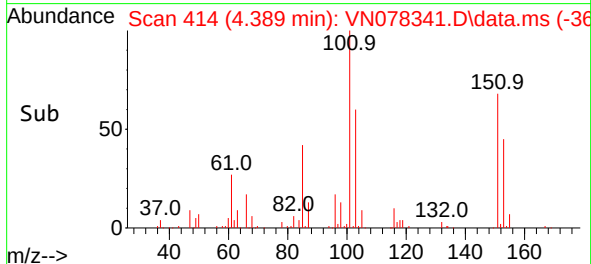
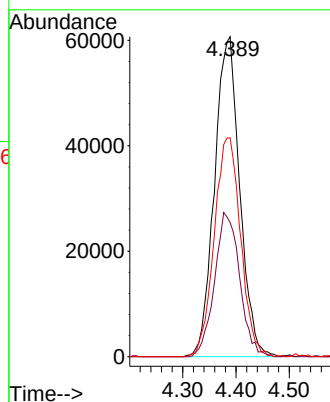
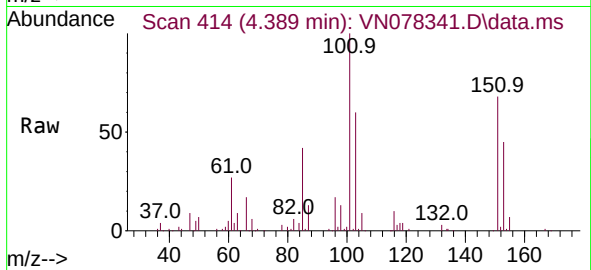
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.179 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 19953
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 71.5 57.6 86.4

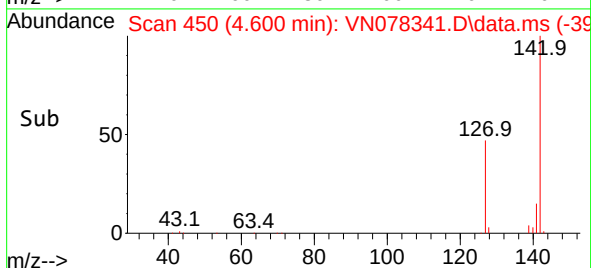
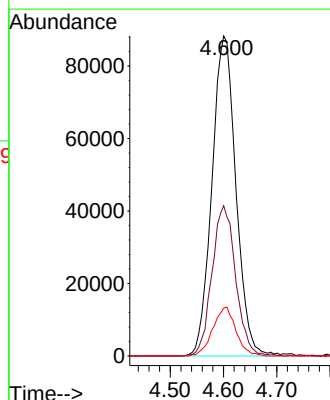
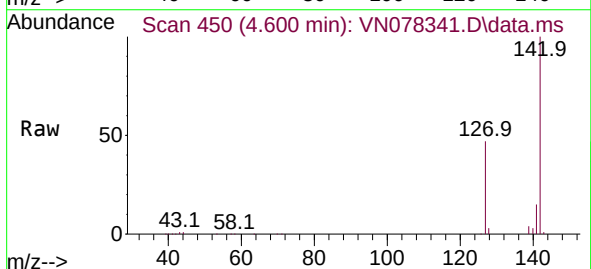
Manual Integrations
APPROVED

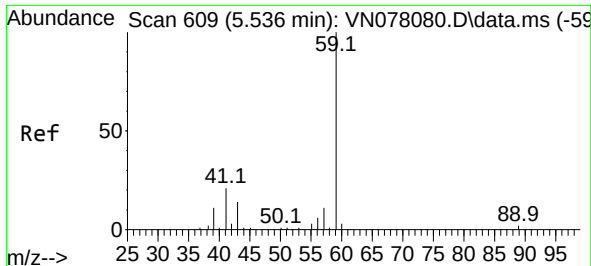
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 47.177 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

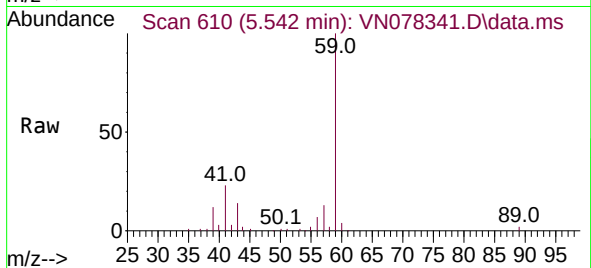
Tgt Ion:142 Resp: 276314
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 233.591 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

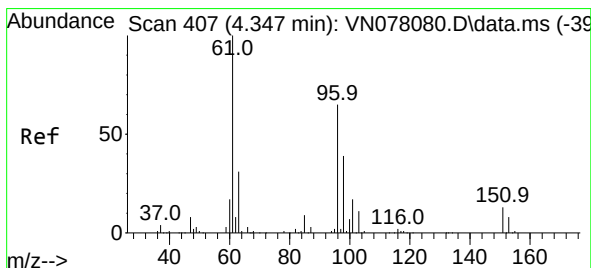
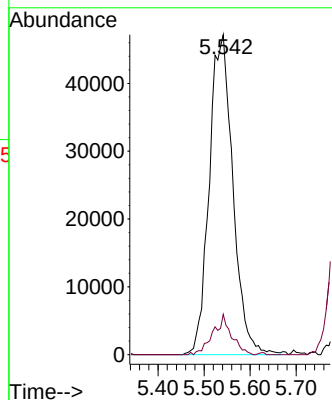
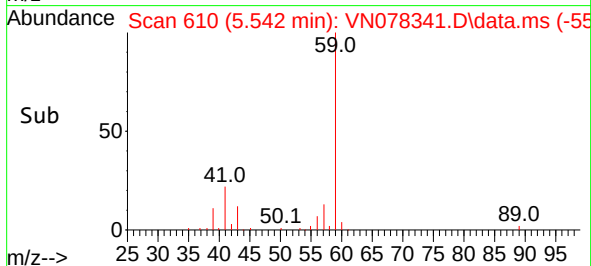
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



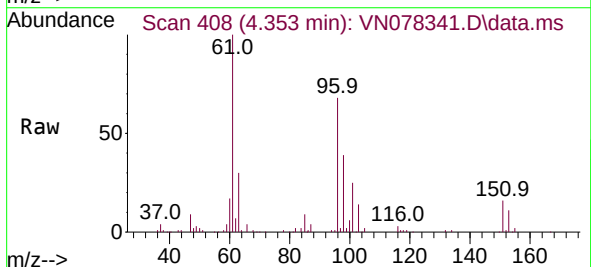
Tgt Ion: 59 Resp: 168130
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
APPROVED

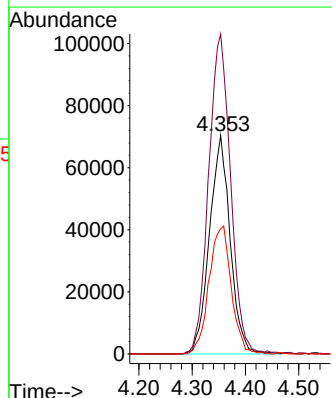
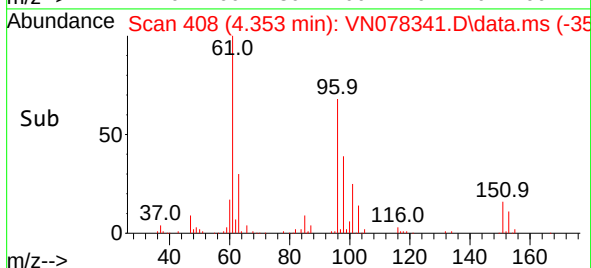
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

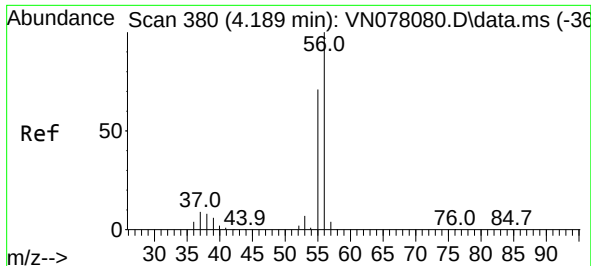


#12
1,1-Dichloroethene
Concen: 44.529 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



Tgt Ion: 96 Resp: 190107
Ion Ratio Lower Upper
96 100
61 146.5 112.7 169.1
98 57.3 51.2 76.8





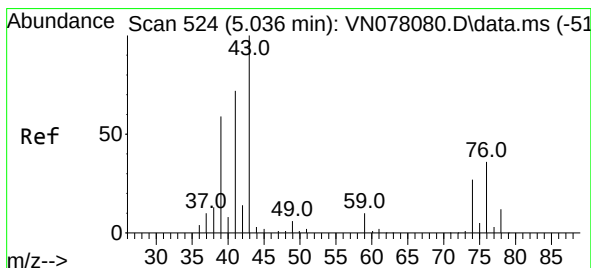
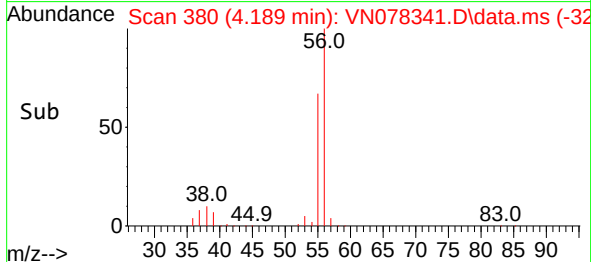
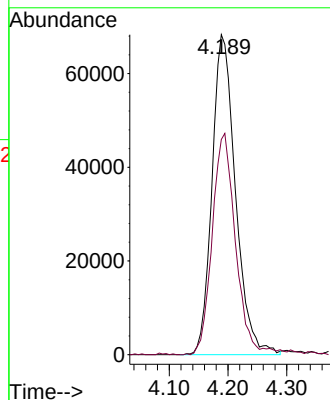
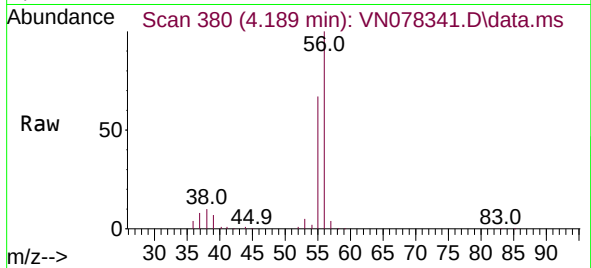
#13
Acrolein
Concen: 238.654 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 18931
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7

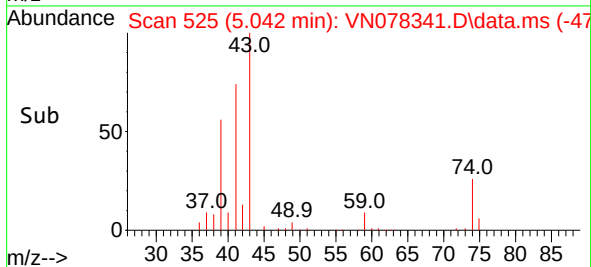
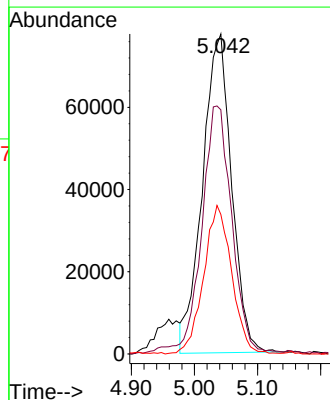
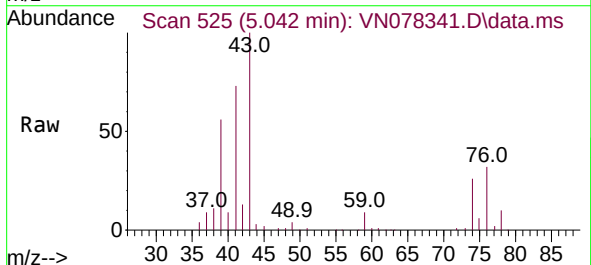
Manual Integrations
APPROVED

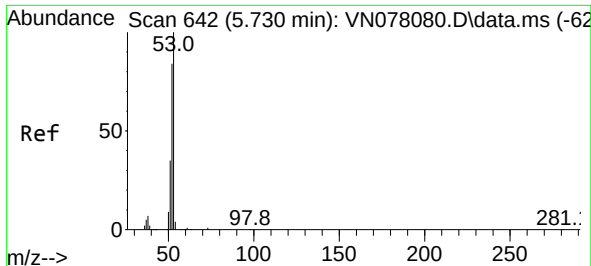
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 47.708 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

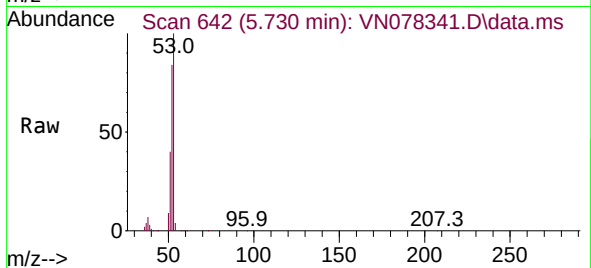
Tgt Ion: 41 Resp: 248630
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 44.9 39.1 58.7





#15
Acrylonitrile
Concen: 261.622 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

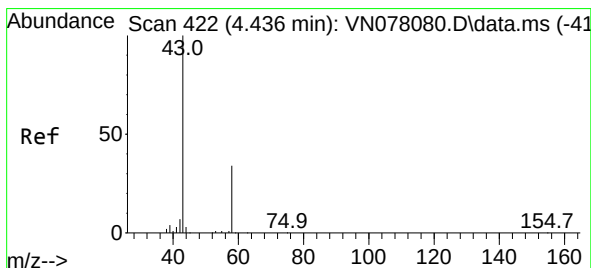
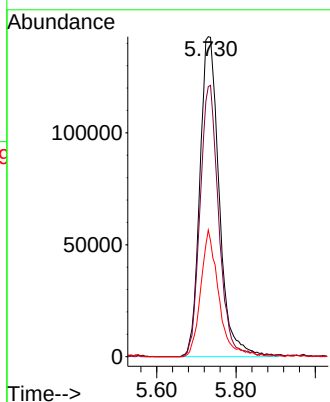
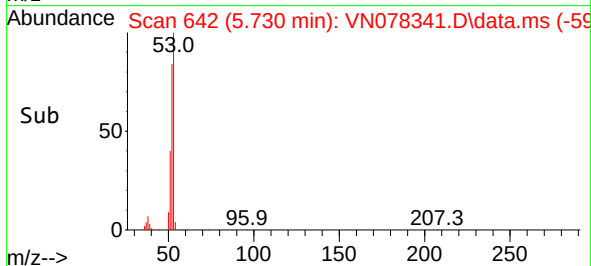
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



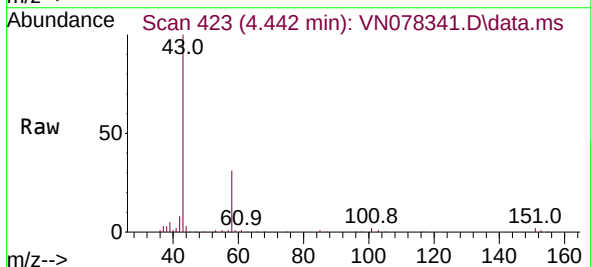
Tgt Ion: 53 Resp: 48548
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
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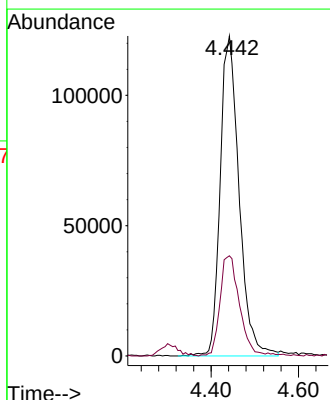
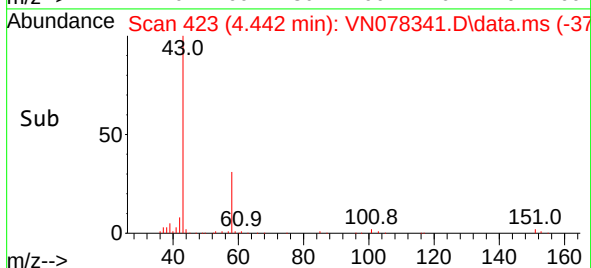
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

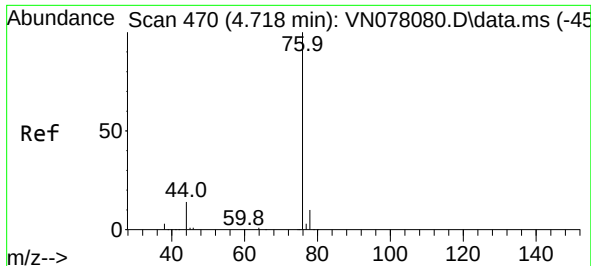


#16
Acetone
Concen: 245.042 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



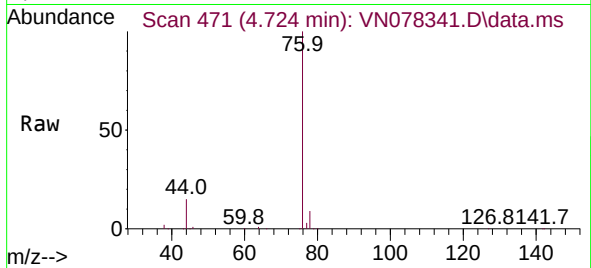
Tgt Ion: 43 Resp: 367661
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0





#17
Carbon Disulfide
Concen: 37.869 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

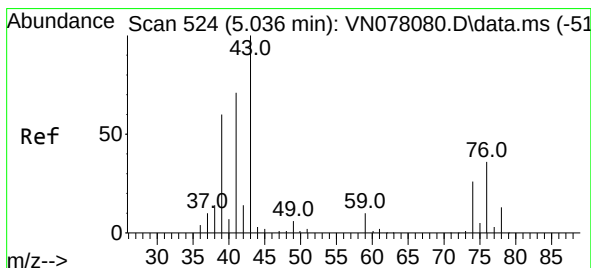
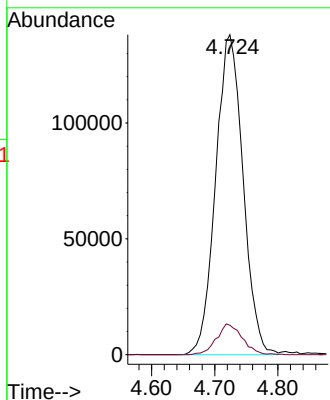
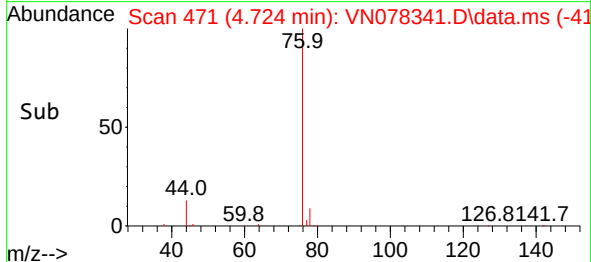
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



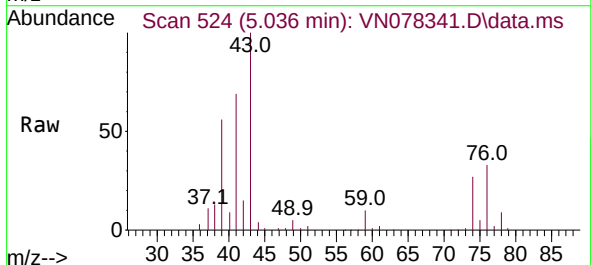
Tgt Ion: 76 Resp: 416130
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

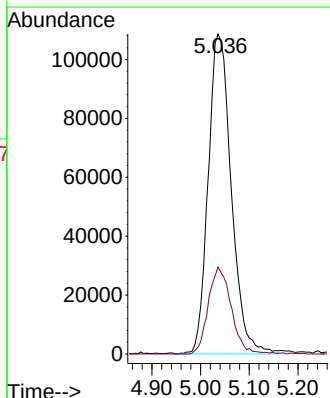
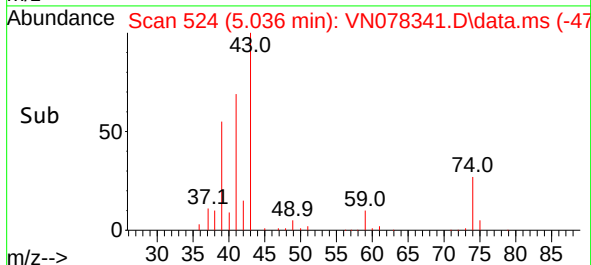
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

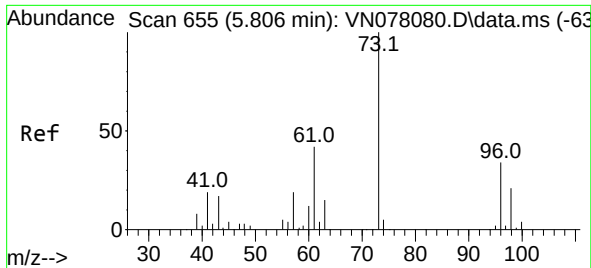


#18
Methyl Acetate
Concen: 51.861 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



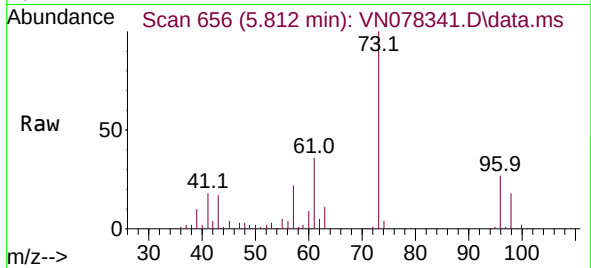
Tgt Ion: 43 Resp: 358248
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.086 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

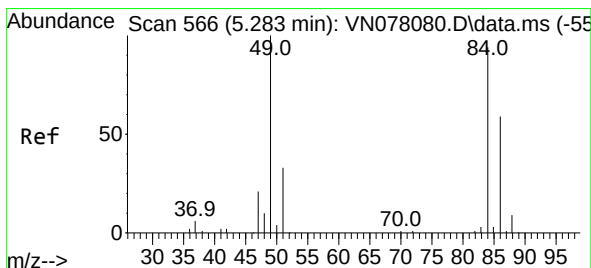
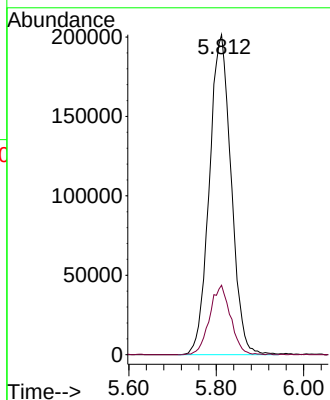
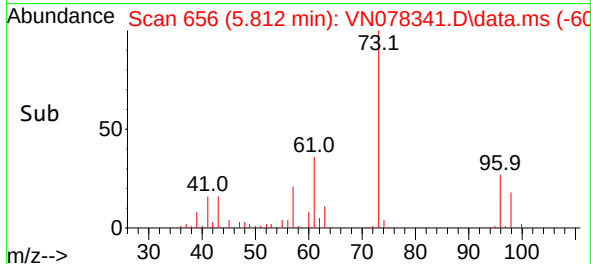
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



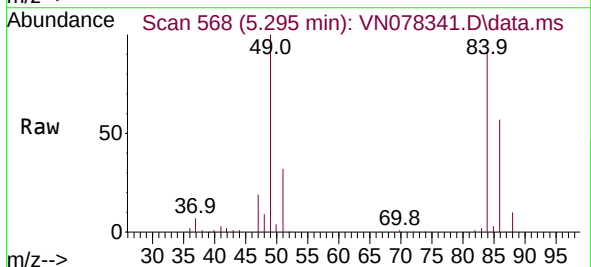
Tgt Ion: 73 Resp: 695872
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

Manual Integrations
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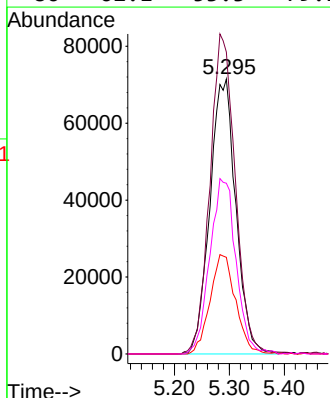
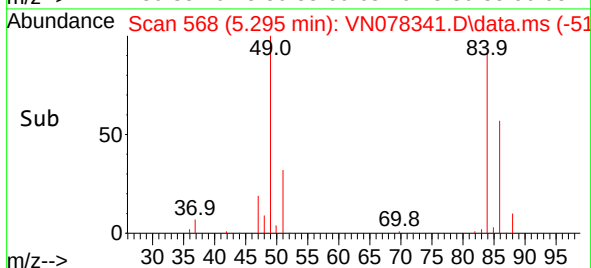
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

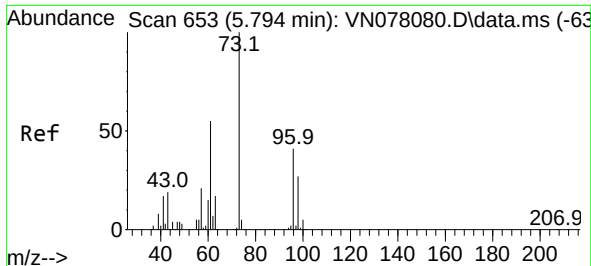


#20
Methylene Chloride
Concen: 47.404 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



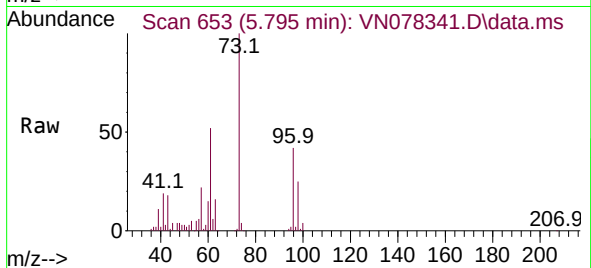
Tgt Ion: 84 Resp: 235037
Ion Ratio Lower Upper
84 100
49 109.8 79.7 119.5
51 35.1 25.2 37.8
86 62.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.871 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

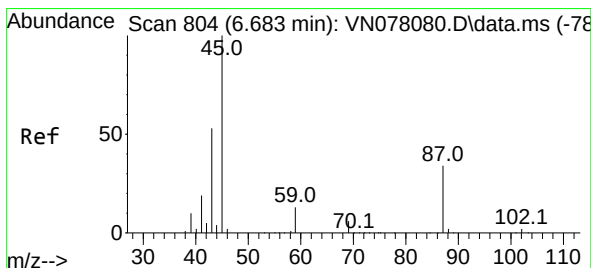
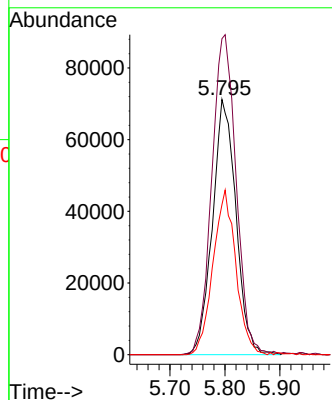
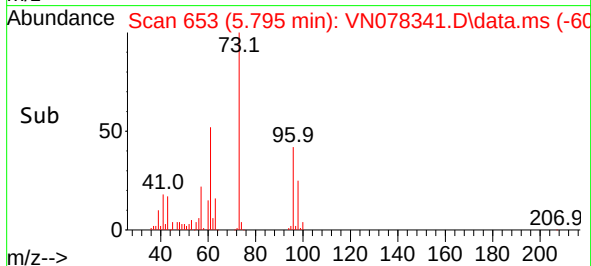
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 21122
Ion Ratio Lower Upper
96 100
61 123.8 90.1 135.1
98 58.8 46.4 69.6

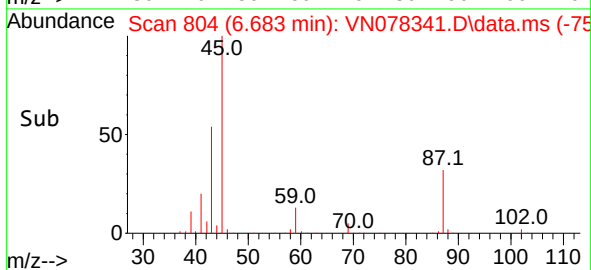
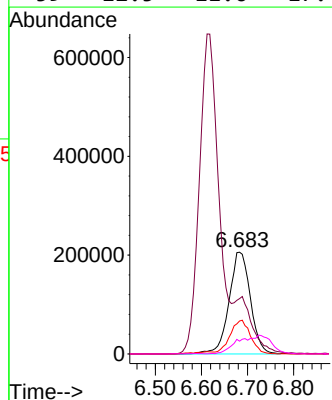
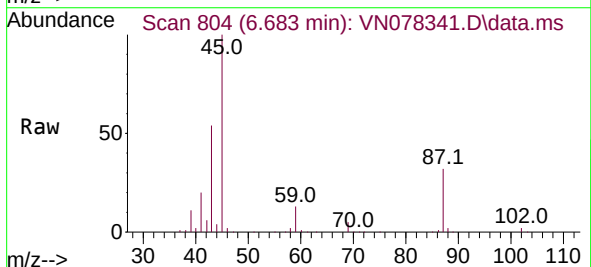
Manual Integrations
APPROVED

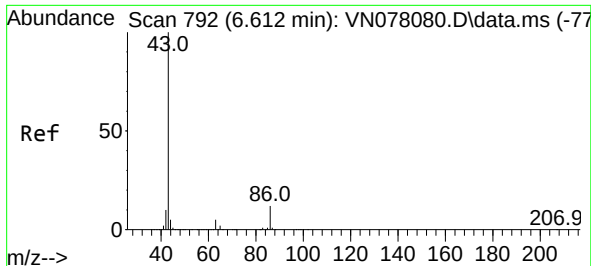
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 54.163 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

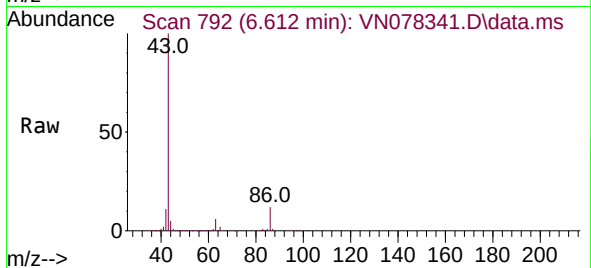
Tgt Ion: 45 Resp: 663972
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 32.1 31.8 47.8
59 12.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 258.296 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

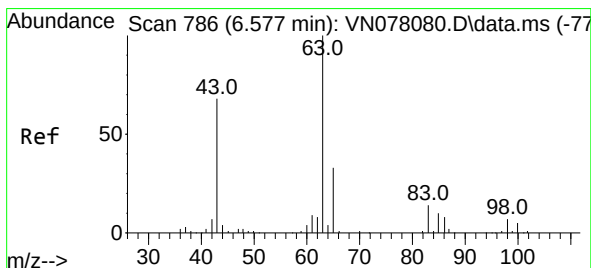
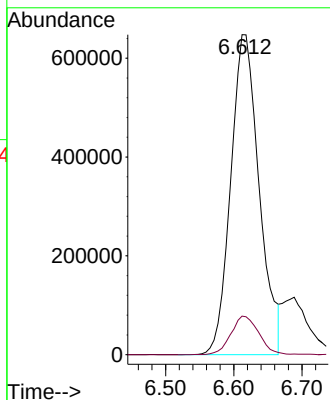
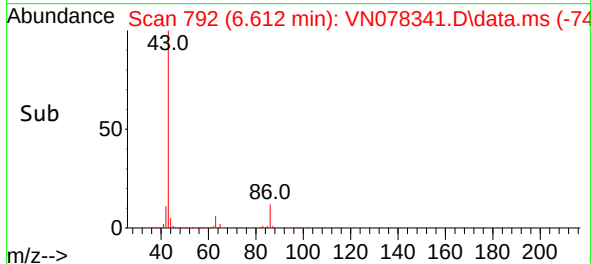
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



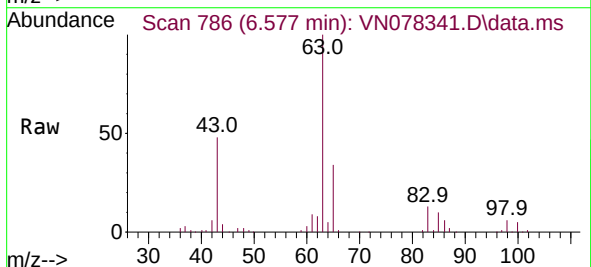
Tgt Ion: 43 Resp: 1882219
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

Manual Integrations
 APPROVED

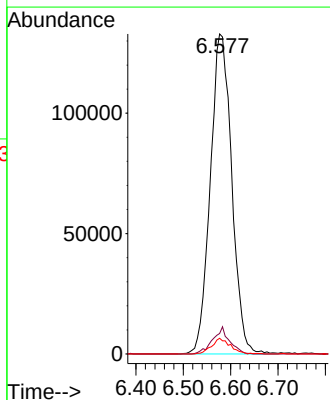
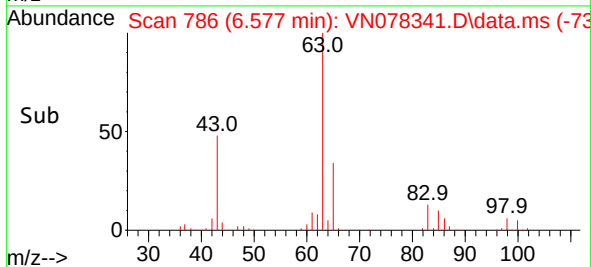
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

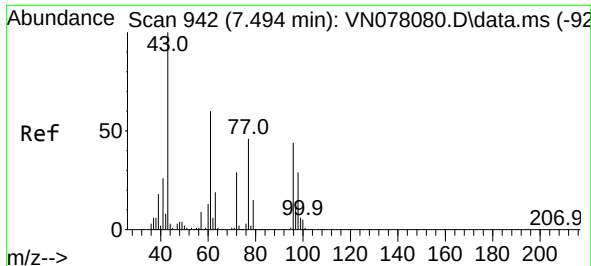


#24
 1,1-Dichloroethane
 Concen: 51.754 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47



Tgt Ion: 63 Resp: 418521
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.9 2.5 7.4





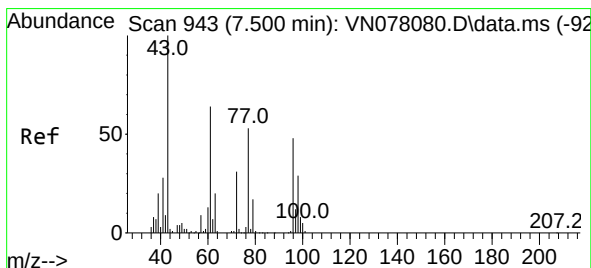
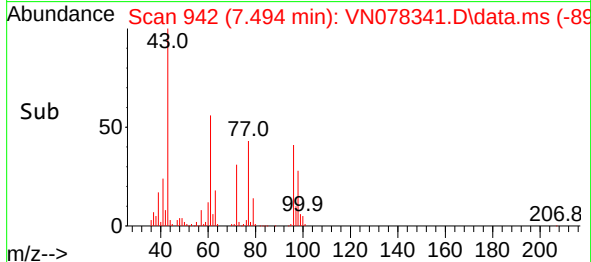
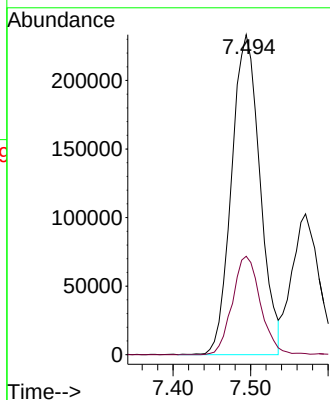
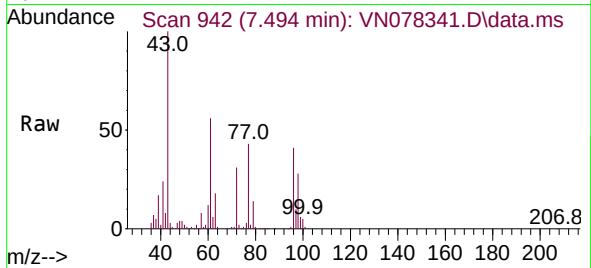
#25
2-Butanone
Concen: 258.451 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 59632
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2

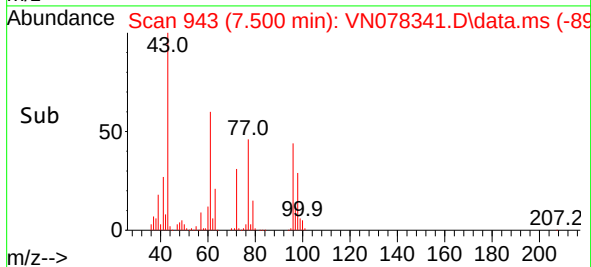
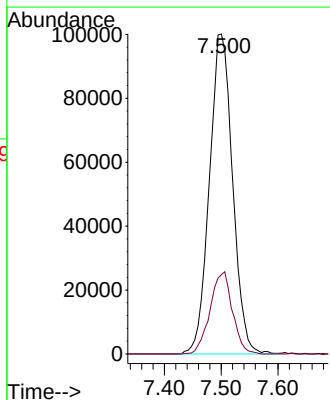
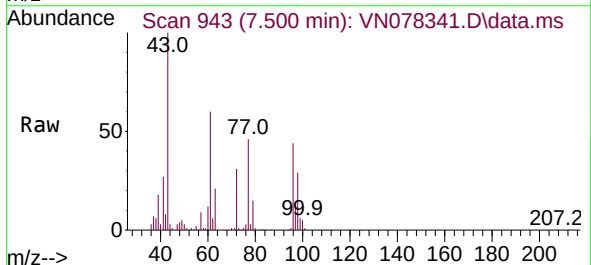
Manual Integrations
APPROVED

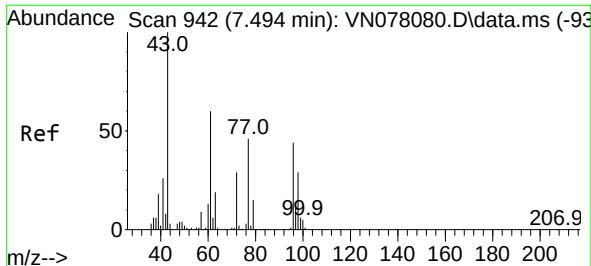
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 47.552 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

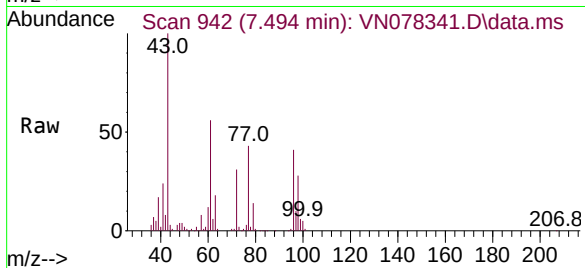
Tgt Ion: 77 Resp: 283935
Ion Ratio Lower Upper
77 100
97 24.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.147 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

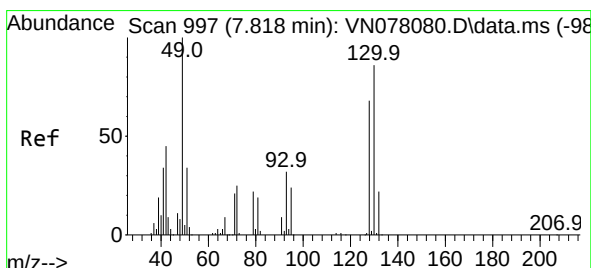
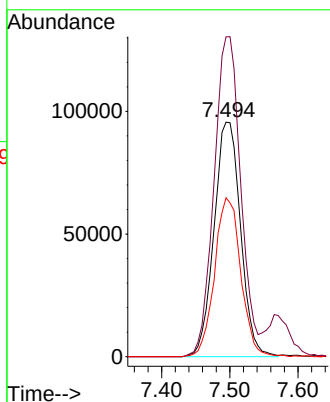
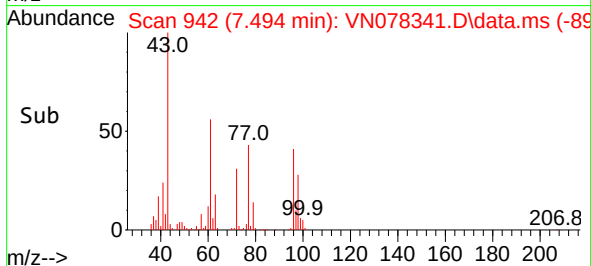
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 25895
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 255.2
 98 66.9 0.0 128.8

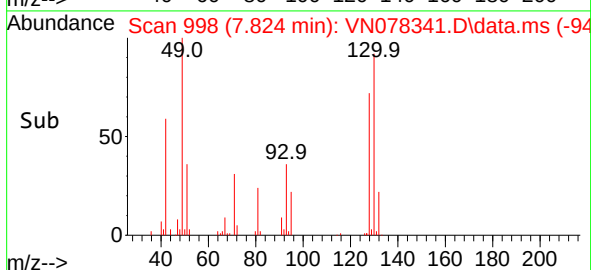
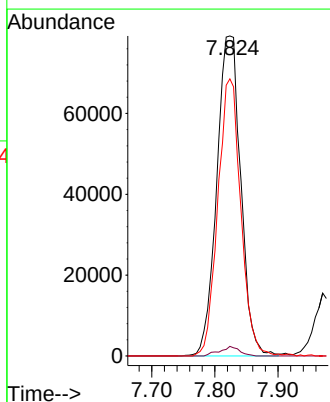
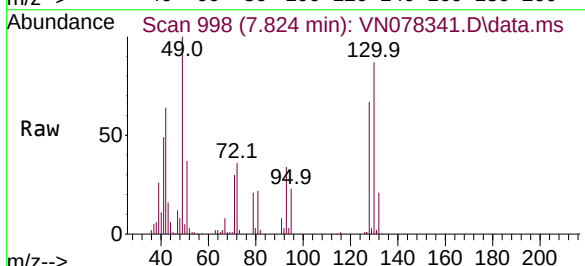
Manual Integrations
 APPROVED

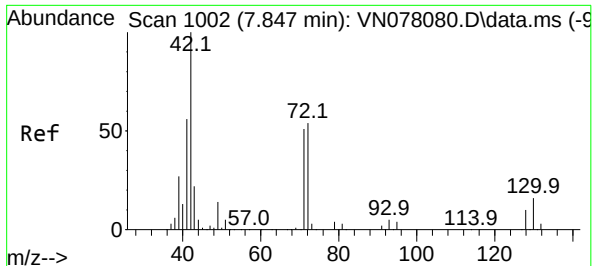
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 56.410 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

Tgt Ion: 49 Resp: 209447
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 82.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 252.949 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078341.D

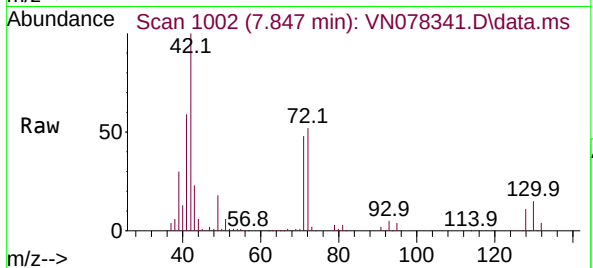
Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



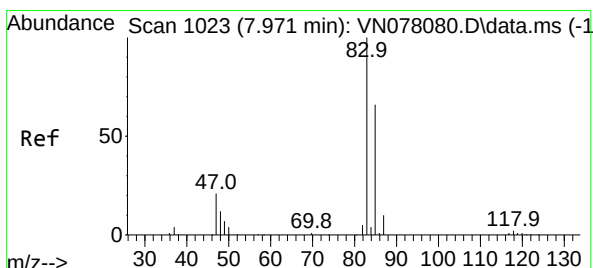
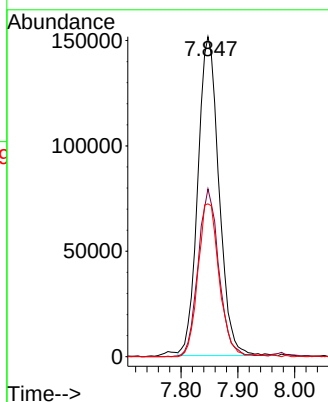
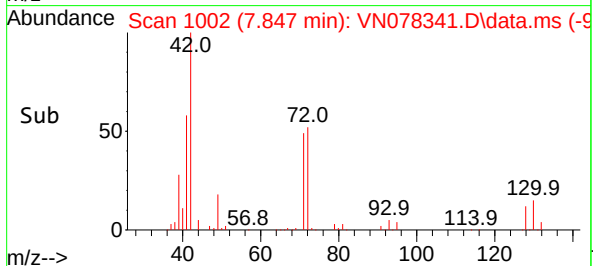
Tgt Ion:	42	Resp:	39015
Ion Ratio	Lower	Upper	
42	100		
72	51.9	49.8	74.6
71	48.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 53.194 ug/l

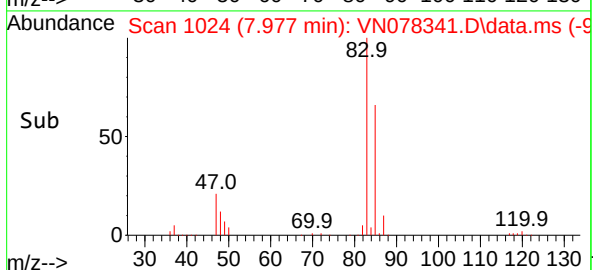
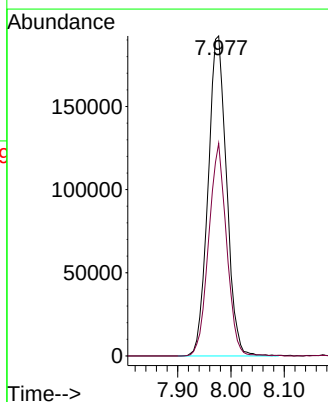
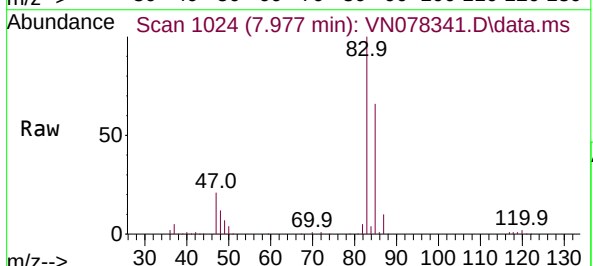
RT: 7.977 min Scan# 1024

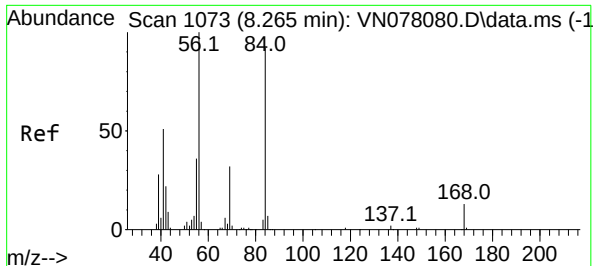
Delta R.T. 0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

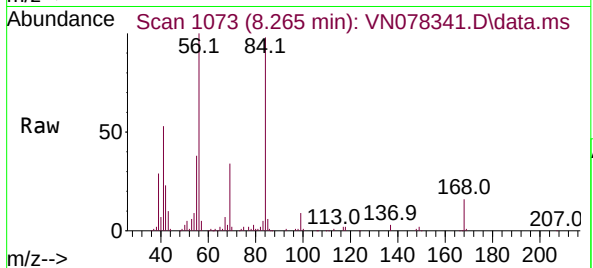
Tgt Ion:	83	Resp:	463210
Ion Ratio	Lower	Upper	
83	100		
85	66.5	55.4	83.0





#31
Cyclohexane
Concen: 42.056 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

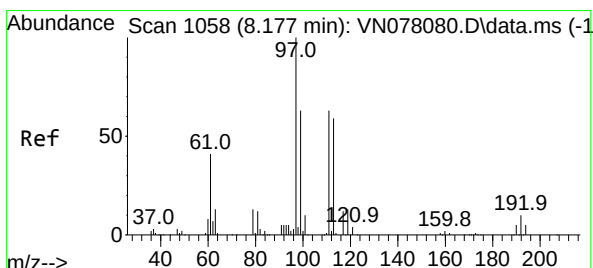
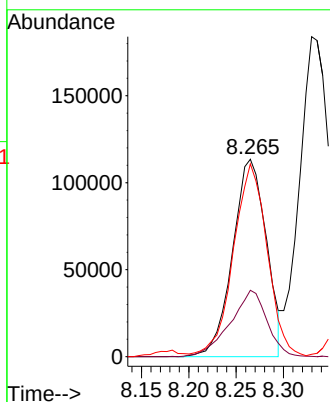
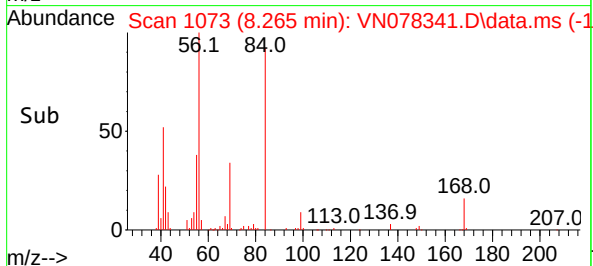
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



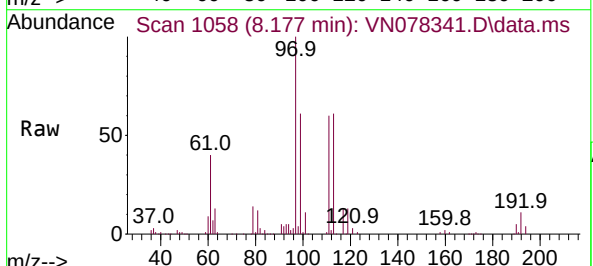
Tgt Ion: 56 Resp: 28121
Ion Ratio Lower Upper
56 100
69 33.3 26.8 40.2
84 96.0 81.8 122.6

Manual Integrations
APPROVED

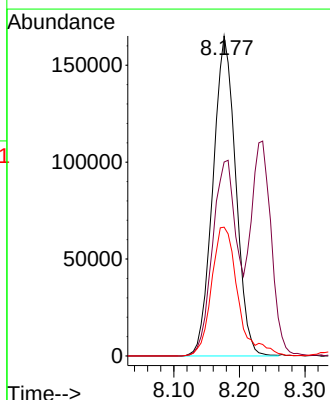
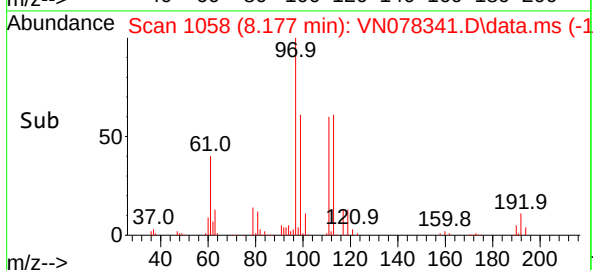
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

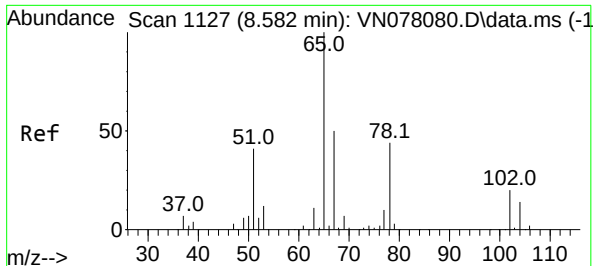


#32
1,1,1-Trichloroethane
Concen: 52.169 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



Tgt Ion: 97 Resp: 398834
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.571 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 27924

Ion Ratio Lower Upper

65 100

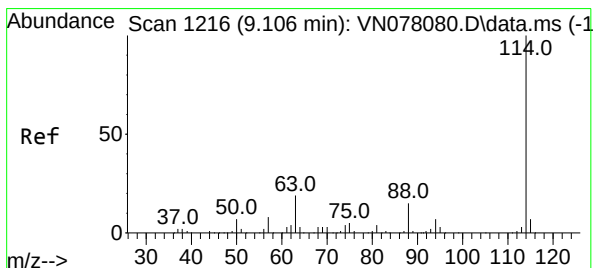
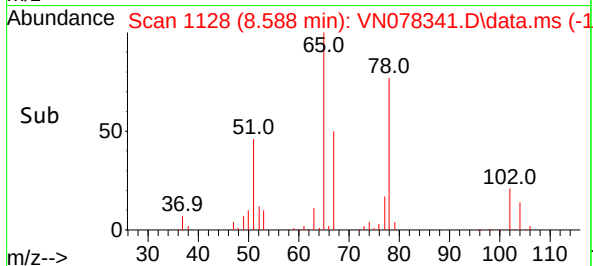
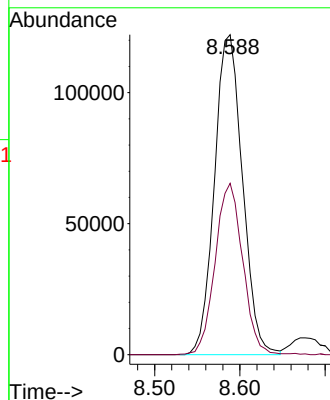
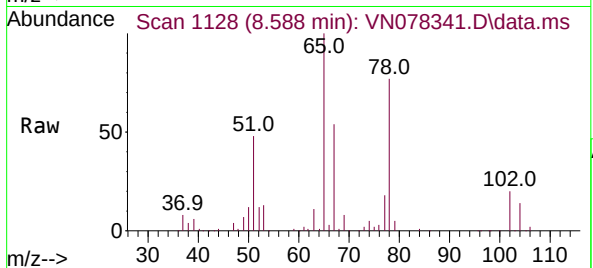
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

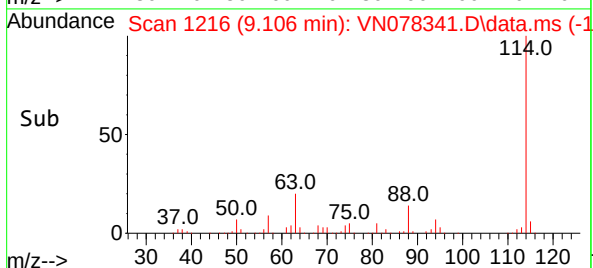
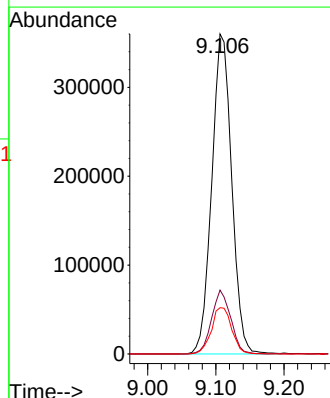
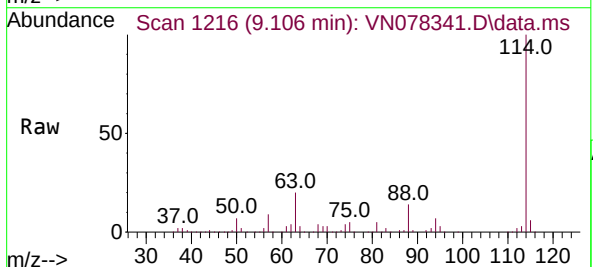
Tgt Ion:114 Resp: 732662

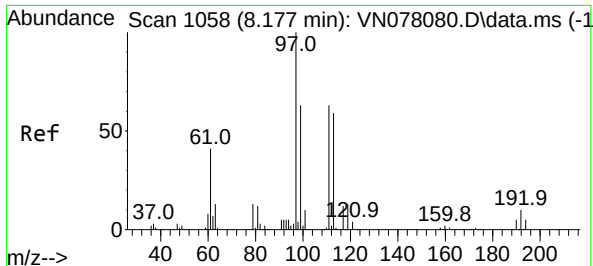
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

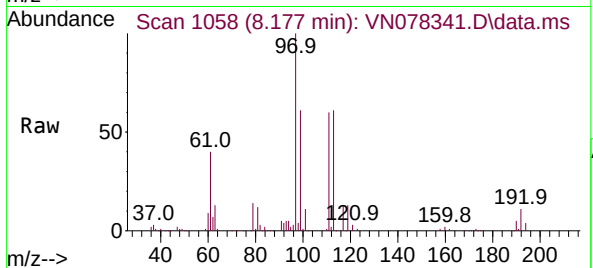
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.258 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

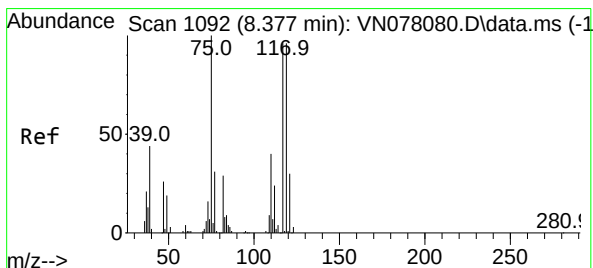
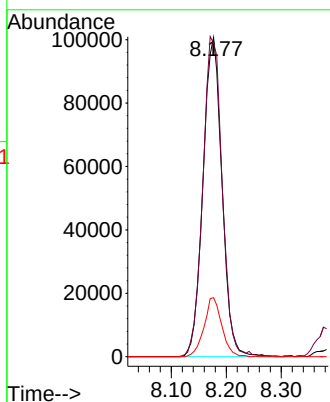
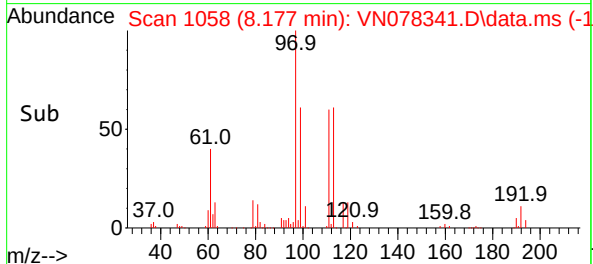
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



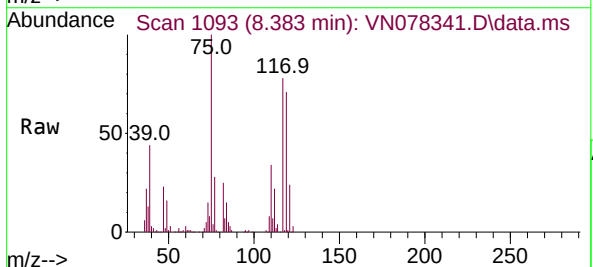
Tgt Ion: 113 Resp: 242088
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

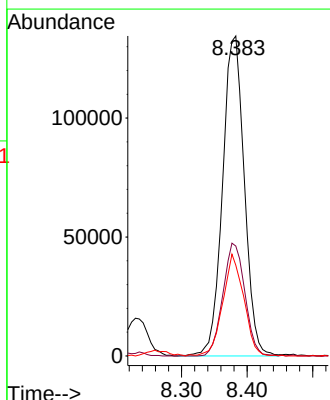
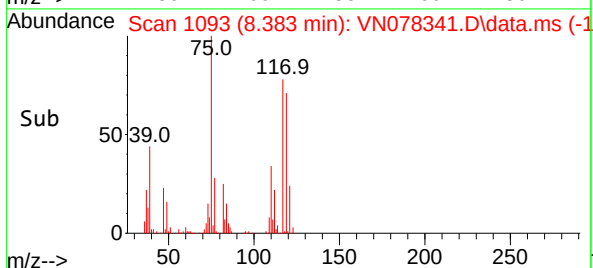
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

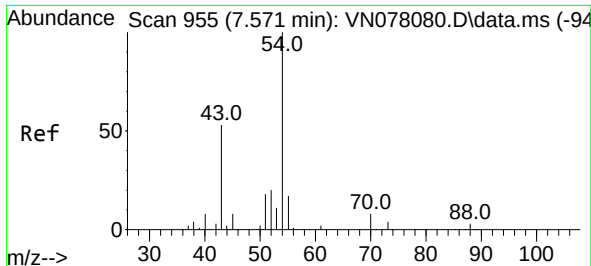


#36
1,1-Dichloropropene
Concen: 46.715 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



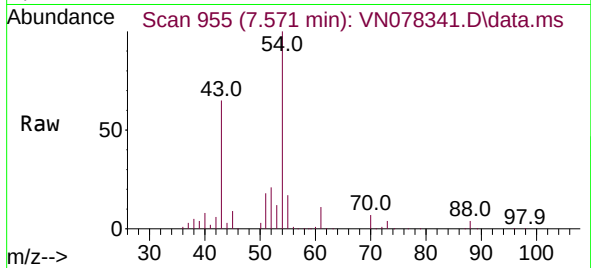
Tgt Ion: 75 Resp: 310412
Ion Ratio Lower Upper
75 100
110 35.5 19.1 57.3
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 49.688 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

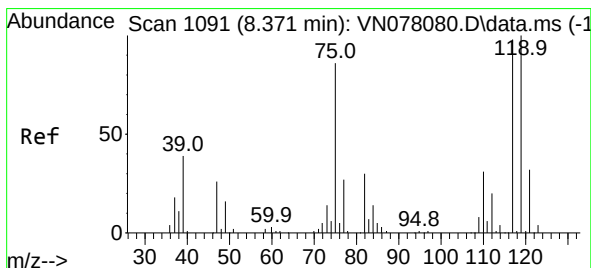
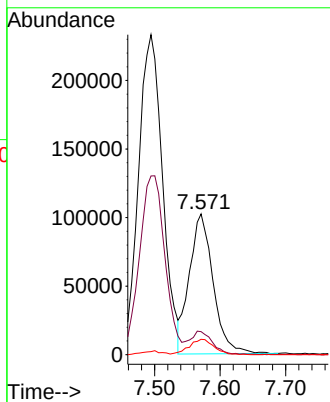
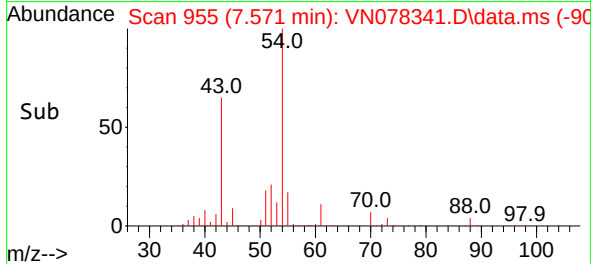
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



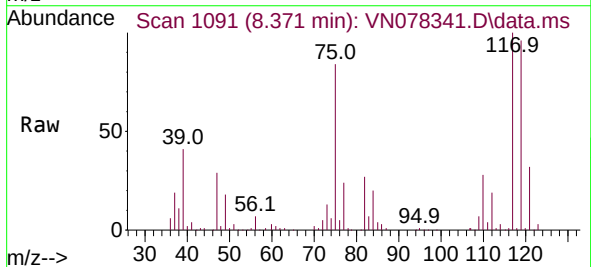
Tgt Ion: 43 Resp: 25792
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 11.5 11.3 16.9

Manual Integrations
APPROVED

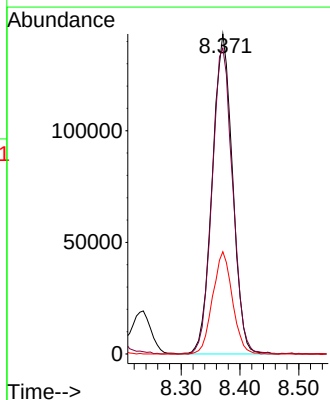
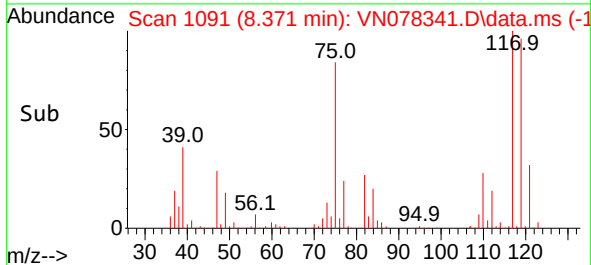
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

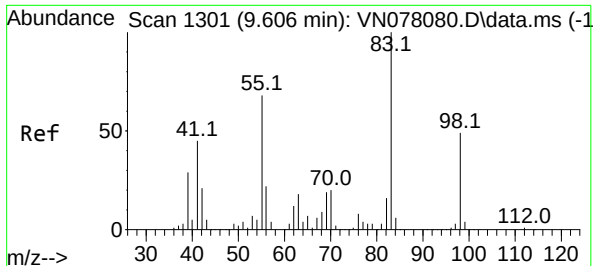


#38
Carbon Tetrachloride
Concen: 49.002 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



Tgt Ion:117 Resp: 343815
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 31.9 23.3 34.9





#39

Methylcyclohexane

Concen: 38.757 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26688

Ion Ratio Lower Upper

83 100

55 69.7 49.1 73.7

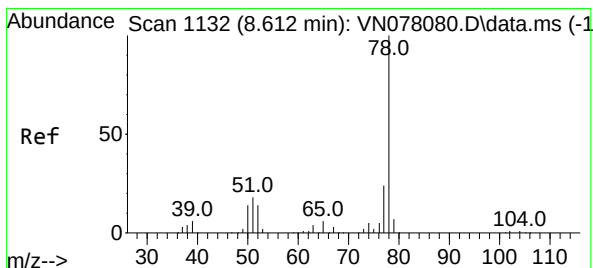
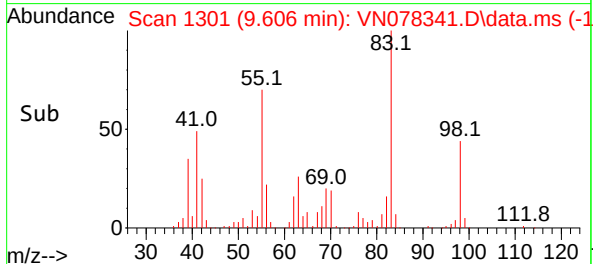
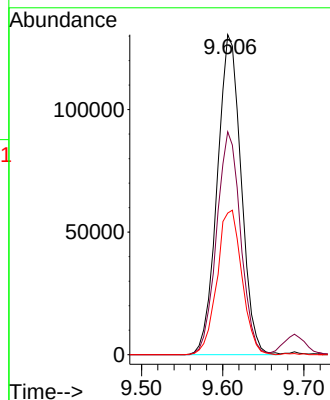
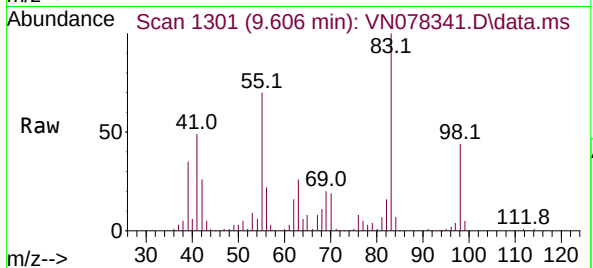
98 44.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 48.929 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078341.D

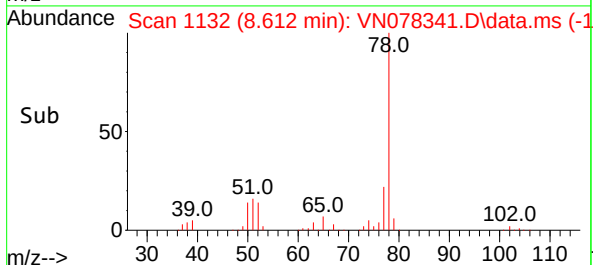
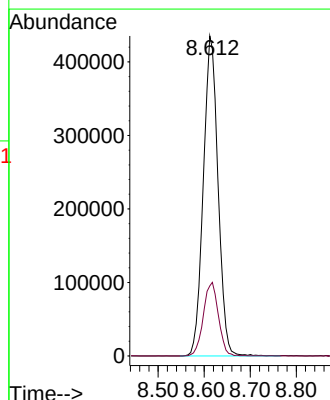
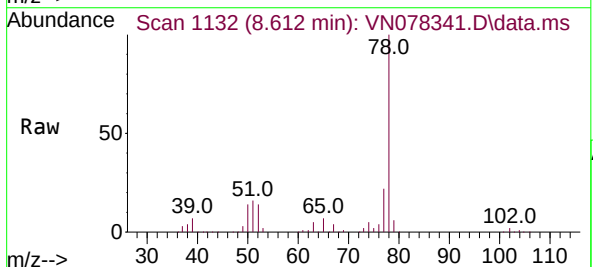
Acq: 21 Jun 2023 22:47

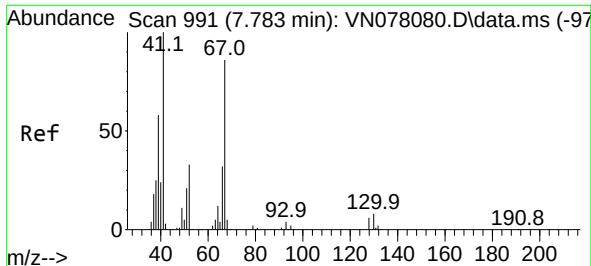
Tgt Ion: 78 Resp: 970629

Ion Ratio Lower Upper

78 100

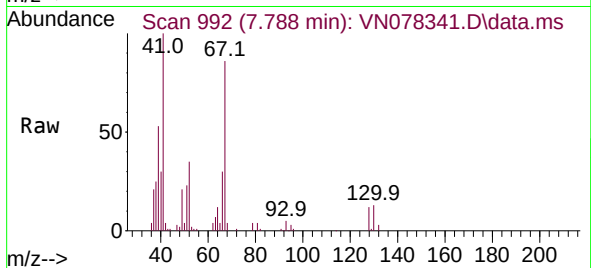
77 21.9 19.0 28.6





#41
Methacrylonitrile
Concen: 47.797 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

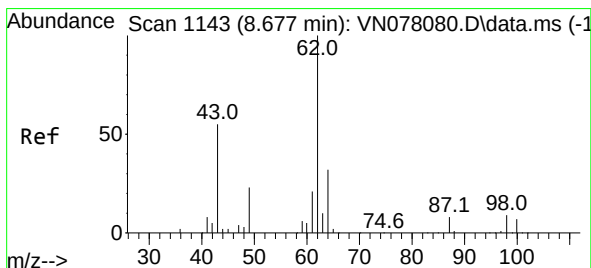
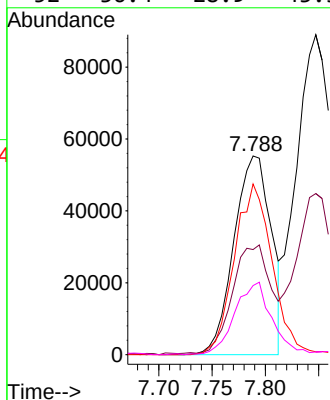
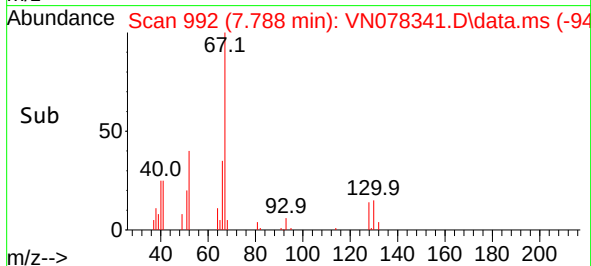
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 134484
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 87.7 77.5 116.3
52 36.4 28.9 43.3

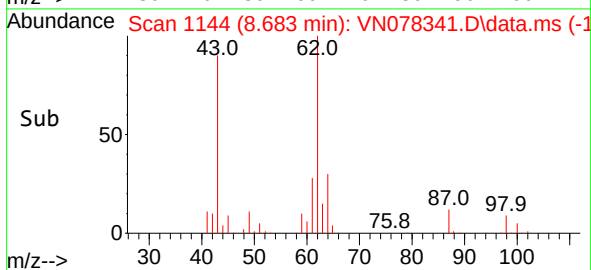
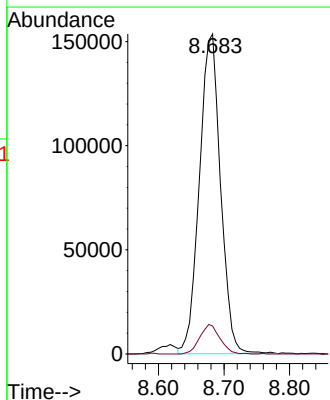
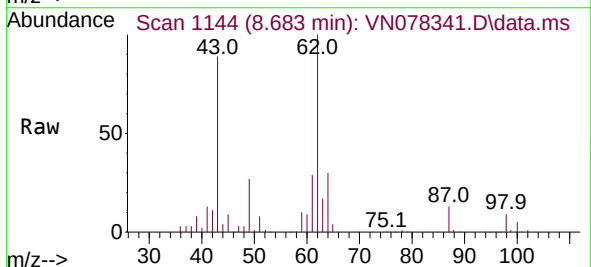
Manual Integrations
APPROVED

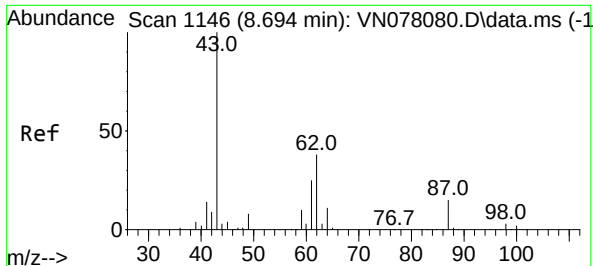
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 50.703 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

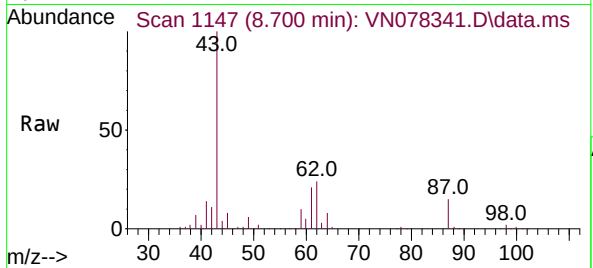
Tgt Ion: 62 Resp: 344865
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.569 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

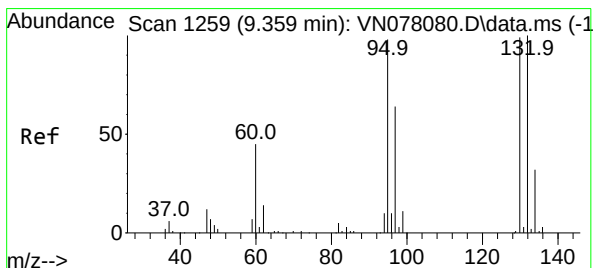
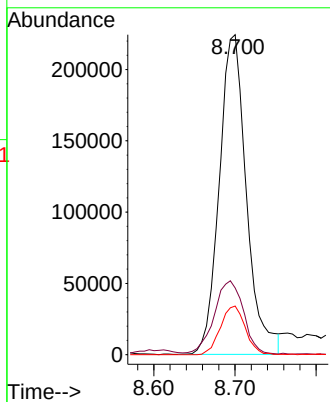
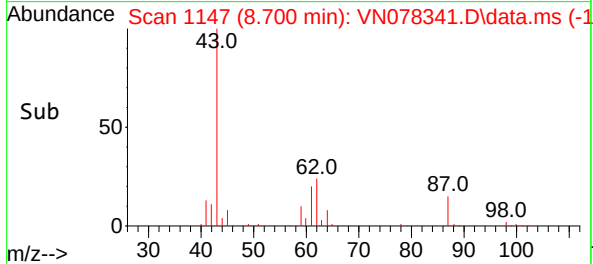
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



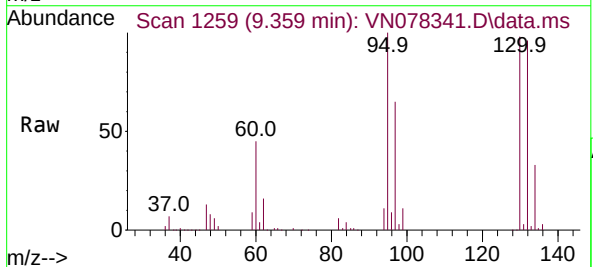
Tgt Ion: 43 Resp: 521874
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 14.0 14.6 21.8

Manual Integrations
APPROVED

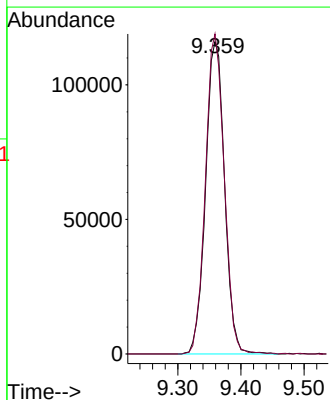
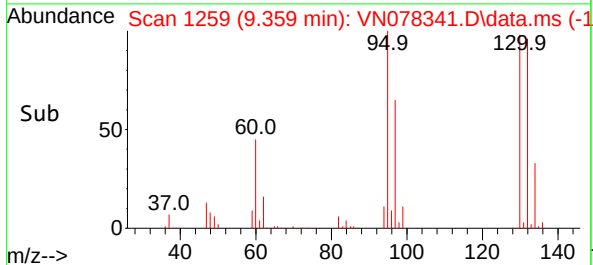
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

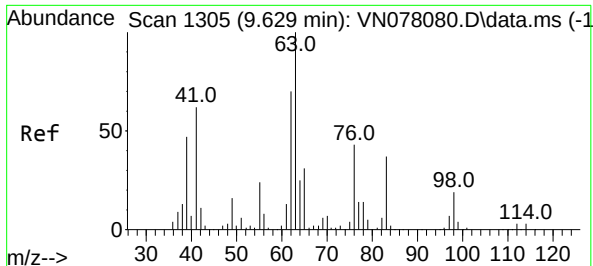


#44
Trichloroethene
Concen: 46.164 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



Tgt Ion:130 Resp: 241847
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.211 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25769

Ion Ratio Lower Upper

63 100

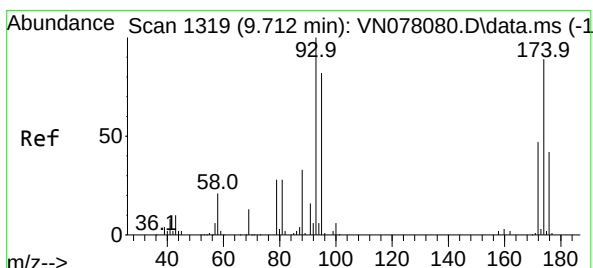
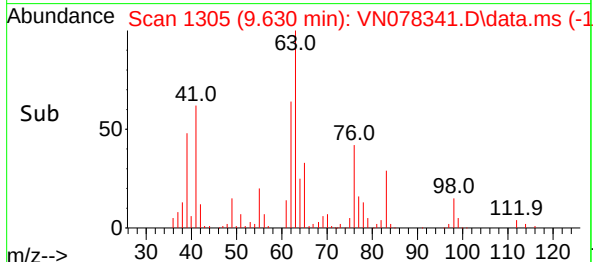
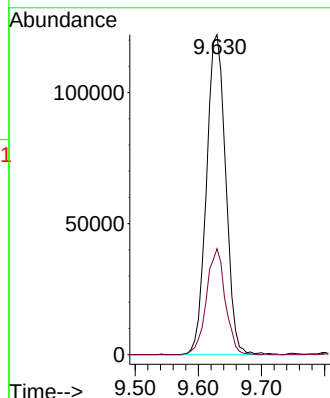
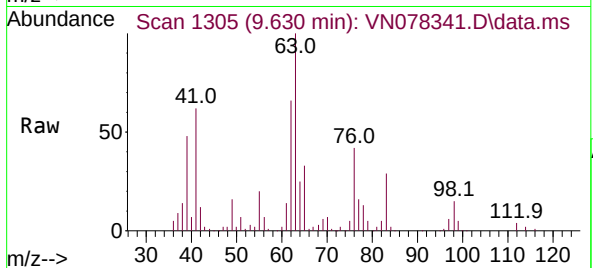
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 48.390 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

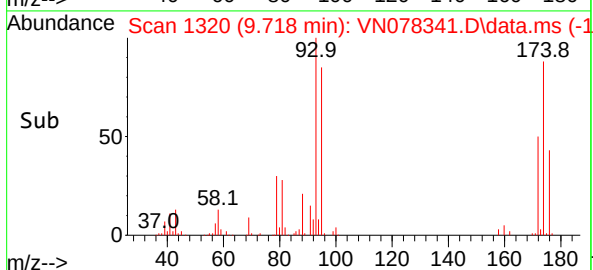
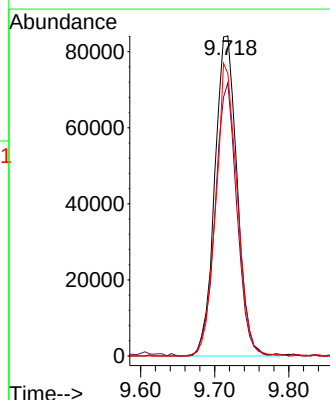
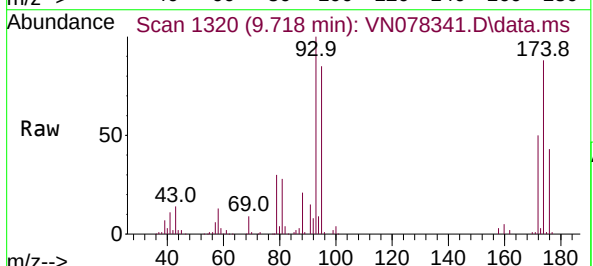
Tgt Ion: 93 Resp: 175918

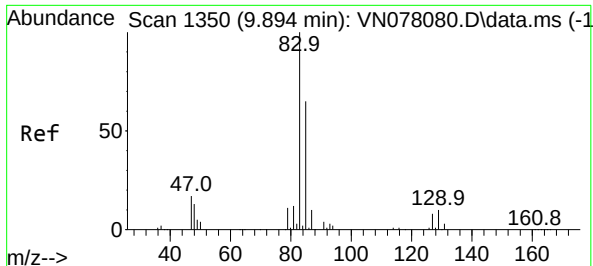
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

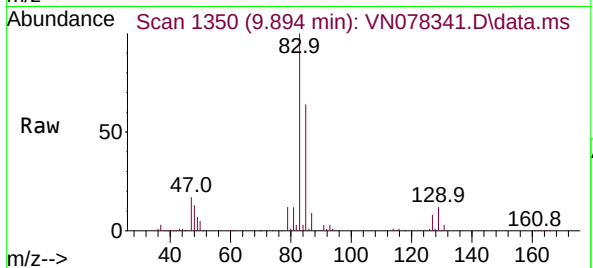
174 87.6 65.6 98.4





#47
Bromodichloromethane
Concen: 54.351 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

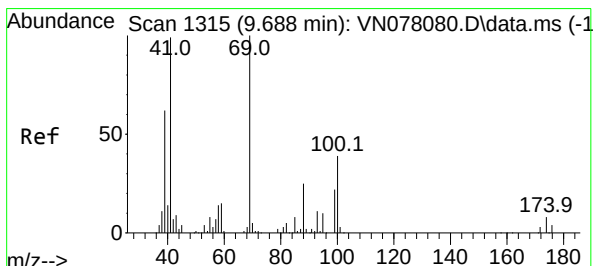
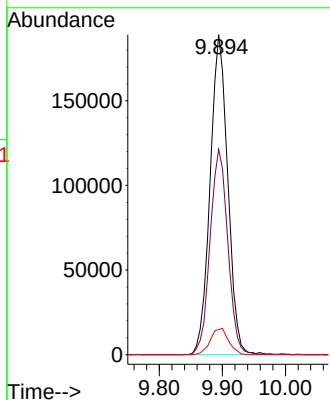
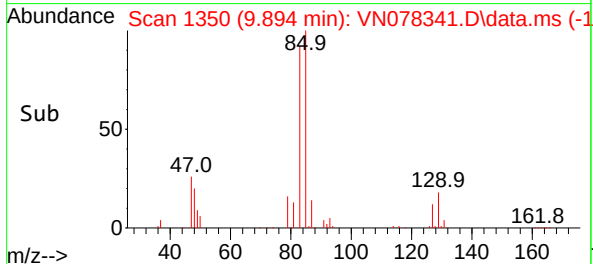
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 367024
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 7.8 7.0 10.6

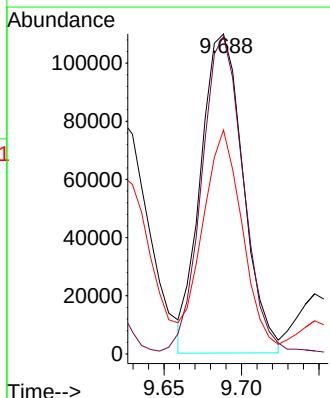
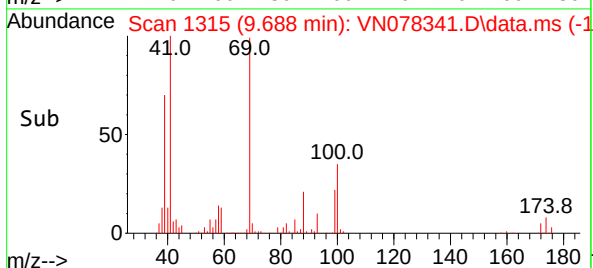
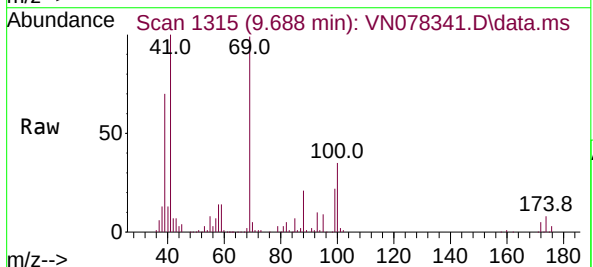
Manual Integrations
APPROVED

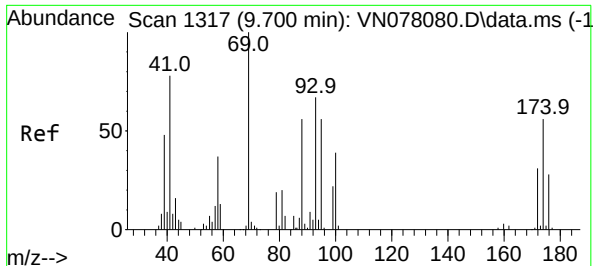
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 50.260 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 41 Resp: 209387
Ion Ratio Lower Upper
41 100
69 99.1 90.4 135.6
39 66.6 54.6 81.8





#49

1,4-Dioxane

Concen: 914.058 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078341.D

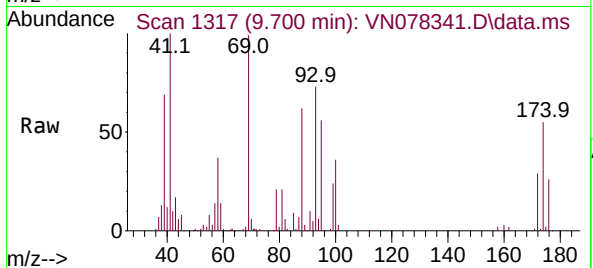
Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



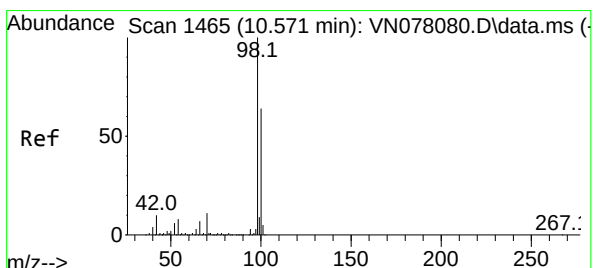
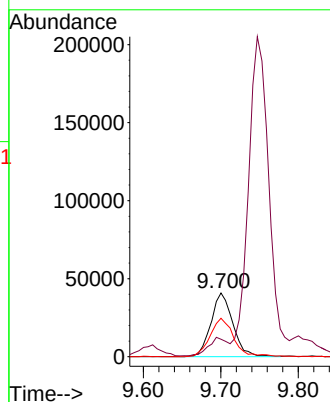
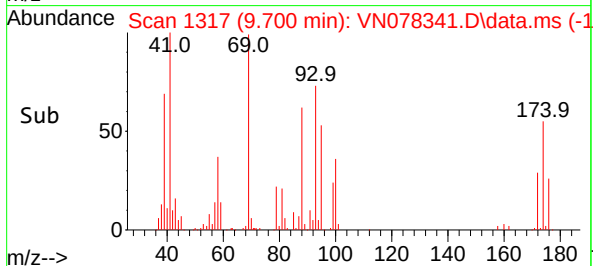
Tgt Ion:	88	Resp:	8003
Ion Ratio	Lower	Upper	
88	100		
43	25.2	17.0	25.6
58	66.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 49.867 ug/l

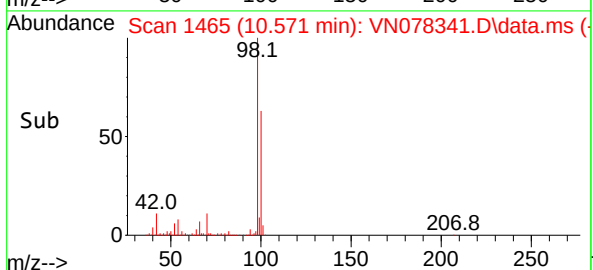
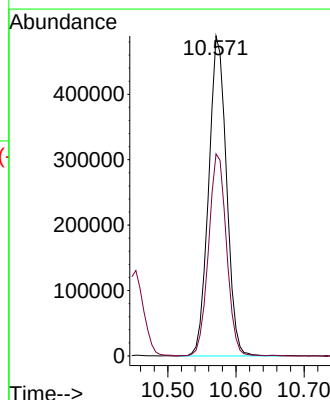
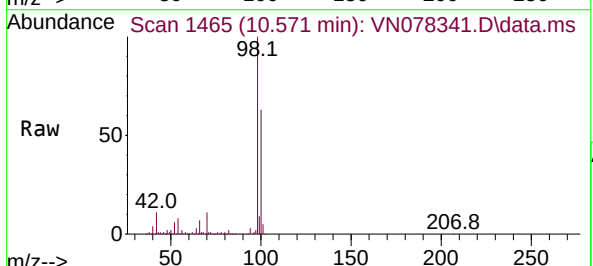
RT: 10.571 min Scan# 1465

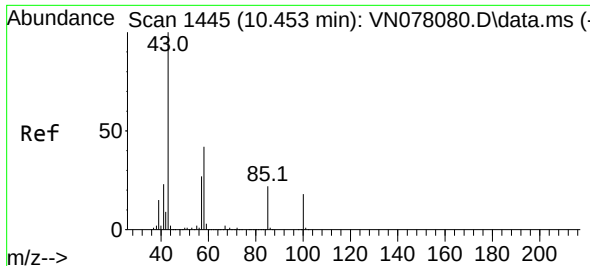
Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Tgt Ion:	98	Resp:	890572
Ion Ratio	Lower	Upper	
98	100		
100	63.3	52.0	78.0





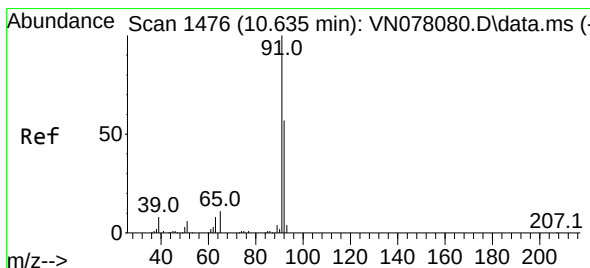
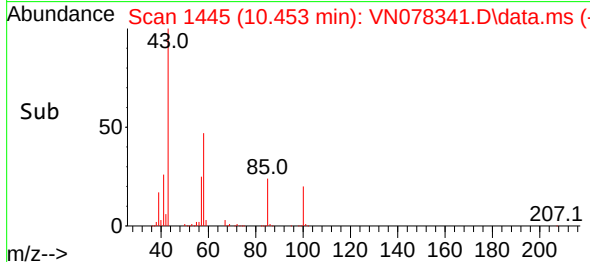
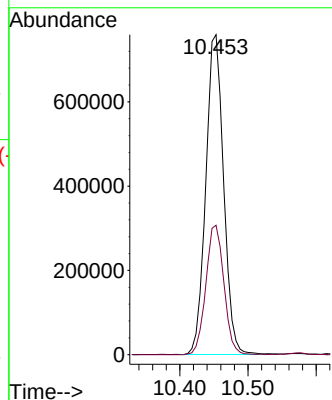
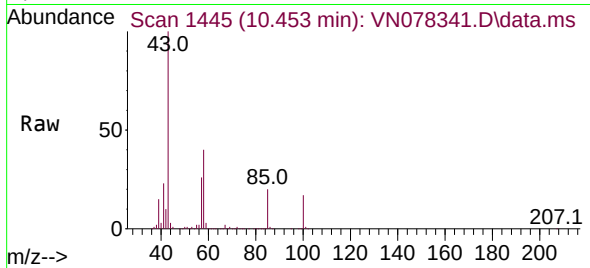
#51
4-Methyl-2-Pentanone
Concen: 264.149 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1380884
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

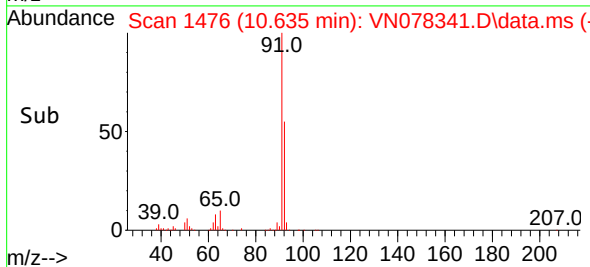
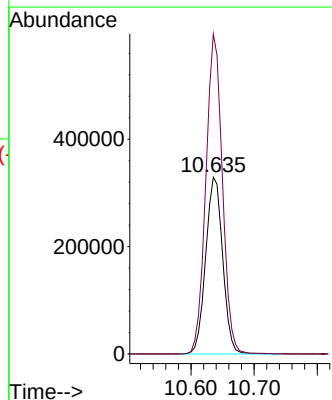
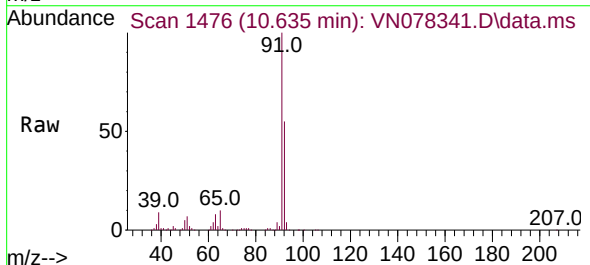
Manual Integrations
APPROVED

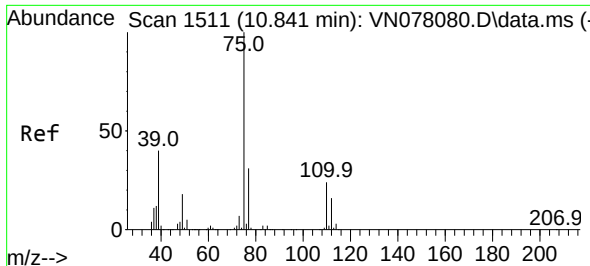
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 49.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

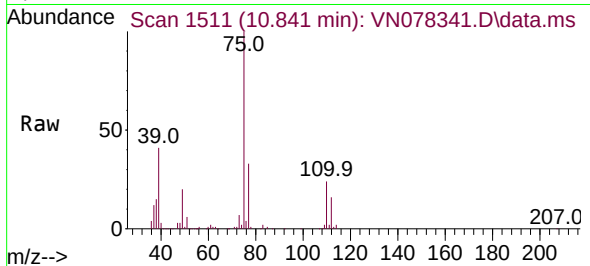
Tgt Ion: 92 Resp: 614048
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.174 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

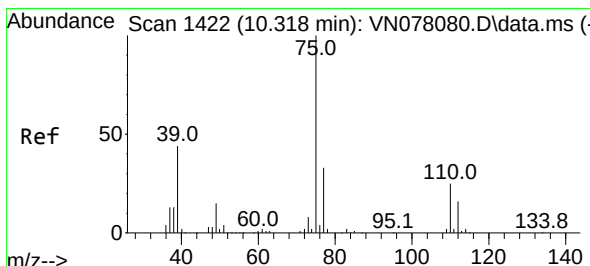
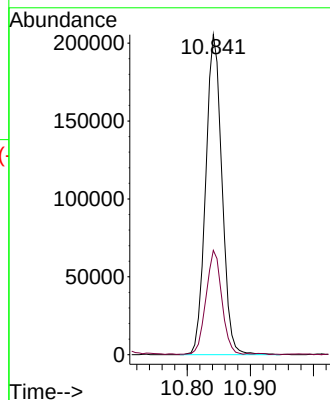
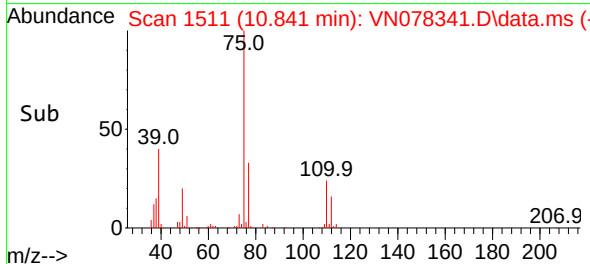
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 366924
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

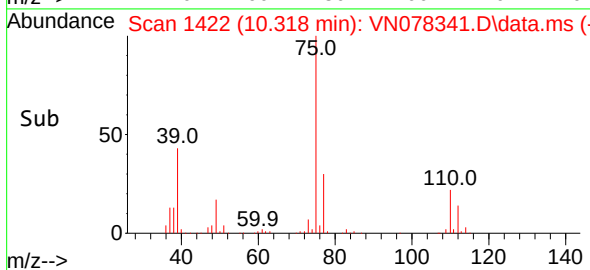
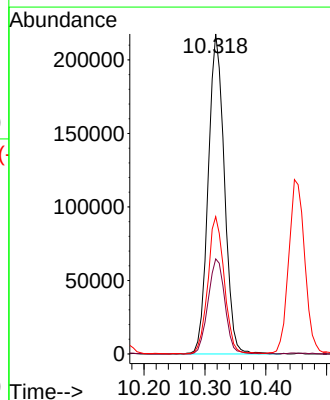
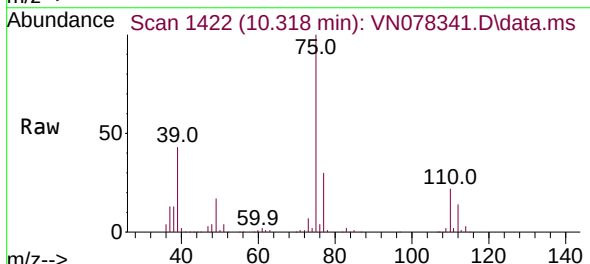
Manual Integrations
APPROVED

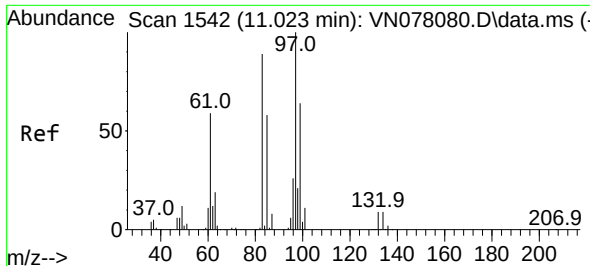
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 51.549 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

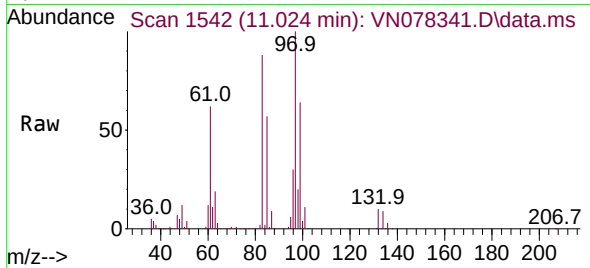
Tgt Ion: 75 Resp: 400748
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 42.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.701 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

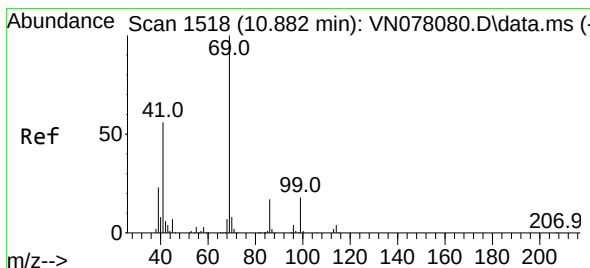
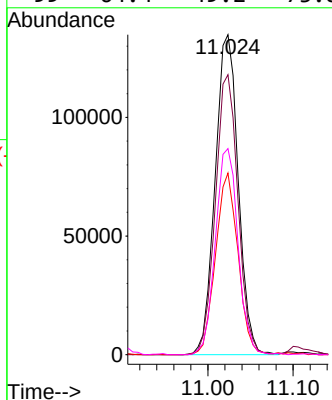
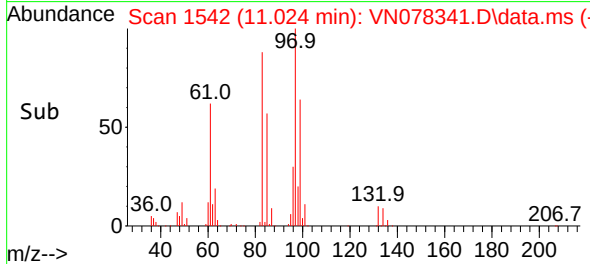
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	25443
Ion Ratio	100	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	56.8	43.4	65.2
99	64.4	49.2	73.8

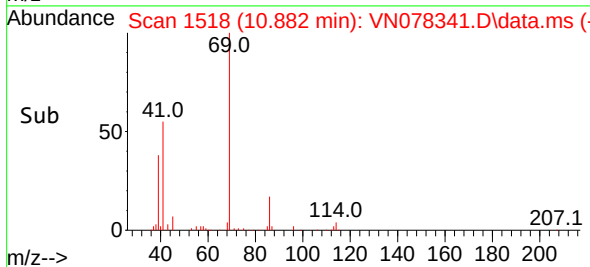
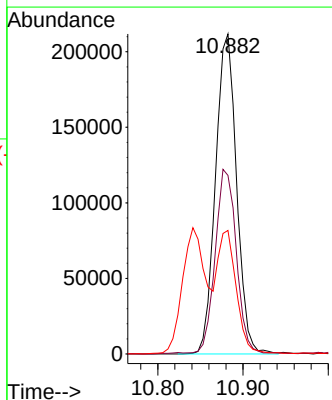
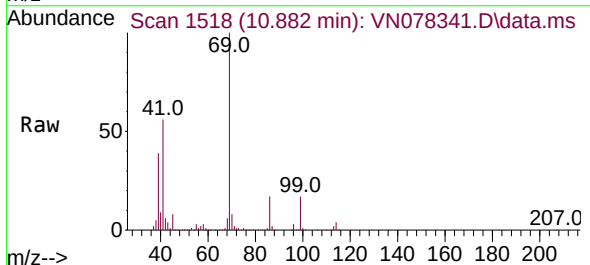
Manual Integrations
APPROVED

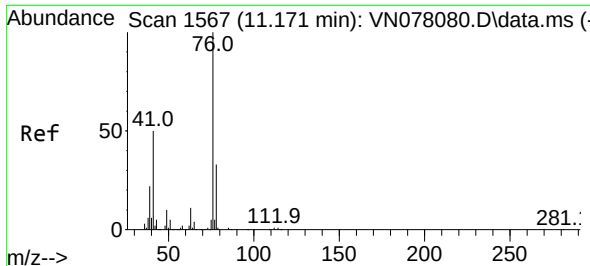
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 52.801 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:	69	Resp:	364273
Ion Ratio	100	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	33.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.661 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 413164

Ion Ratio Lower Upper

76 100

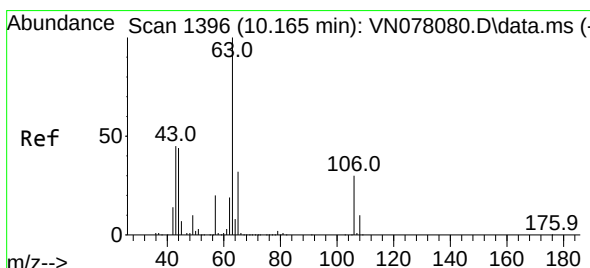
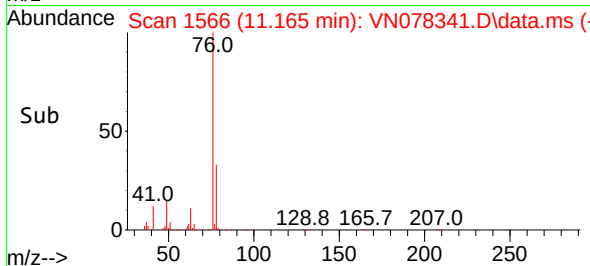
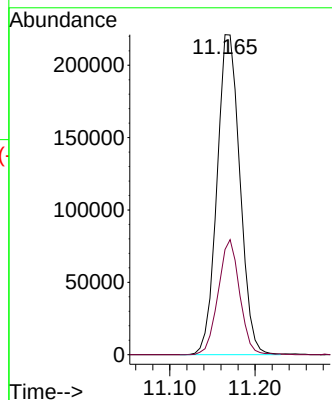
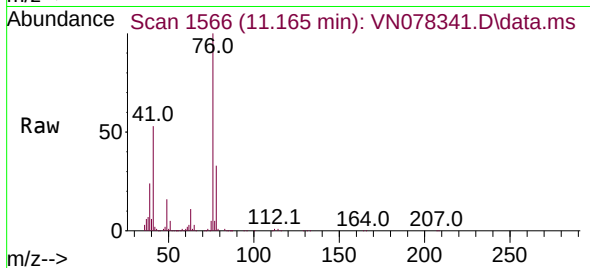
78 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.798 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078341.D

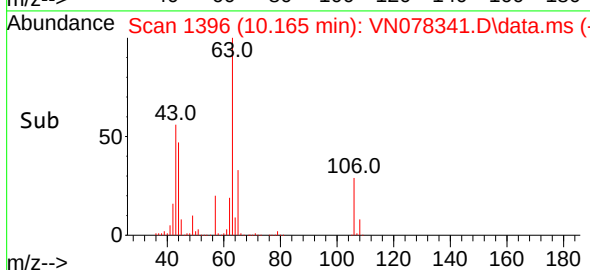
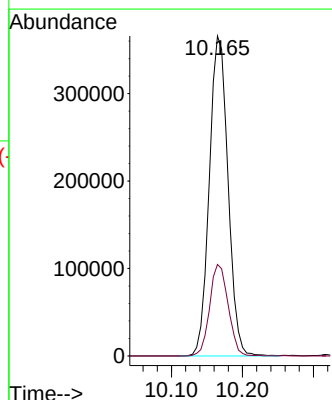
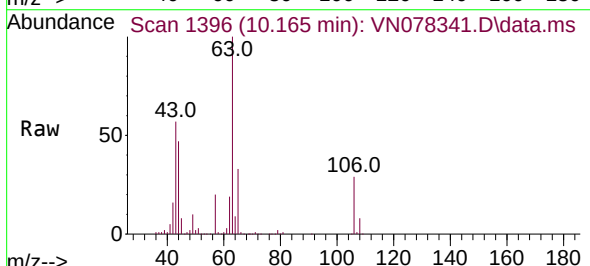
Acq: 21 Jun 2023 22:47

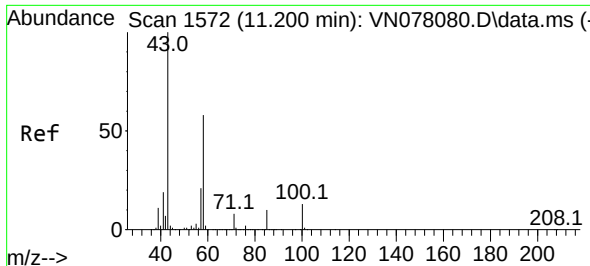
Tgt Ion: 63 Resp: 668309

Ion Ratio Lower Upper

63 100

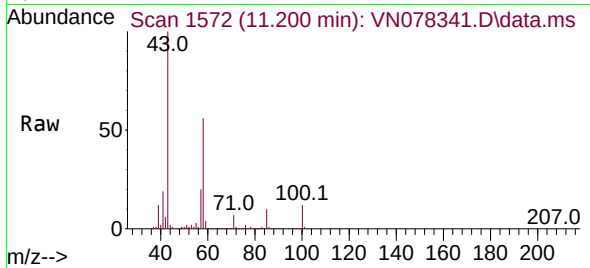
106 28.3 26.2 39.4





#59
2-Hexanone
Concen: 263.342 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

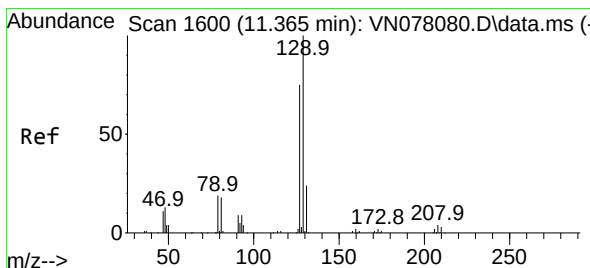
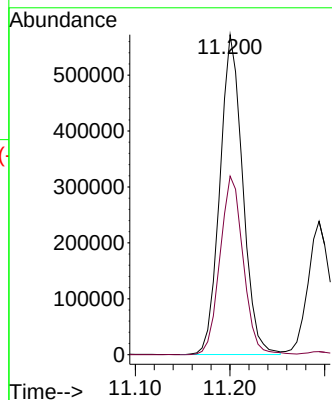
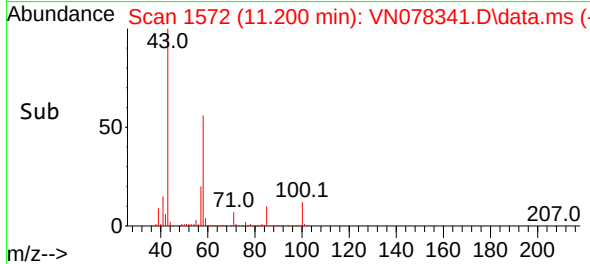
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 958558
Ion Ratio Lower Upper
43 100
58 56.8 31.7 95.1

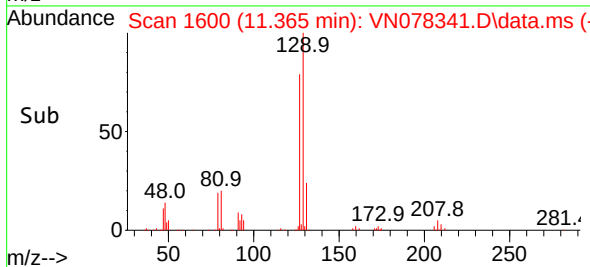
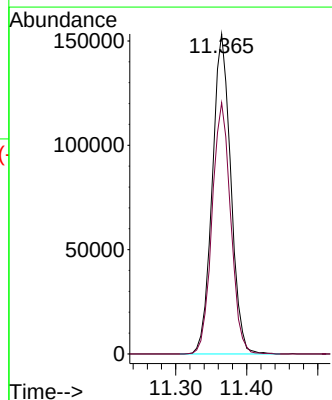
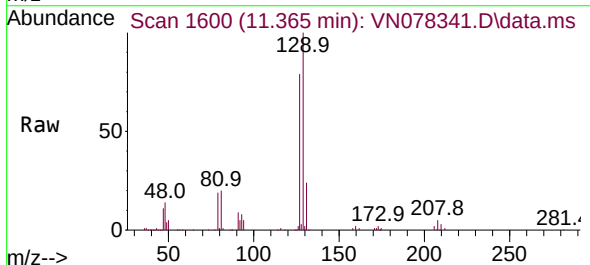
Manual Integrations
APPROVED

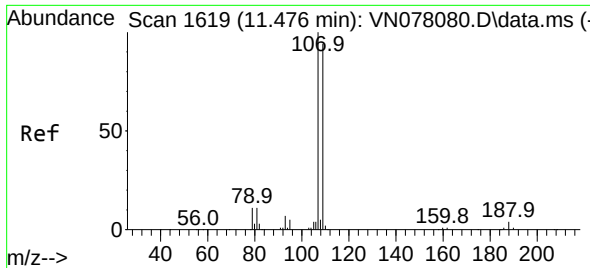
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 53.371 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

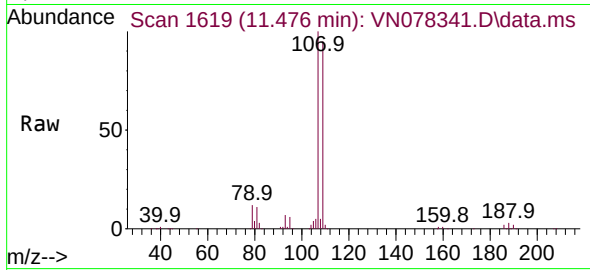
Tgt Ion:129 Resp: 276707
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

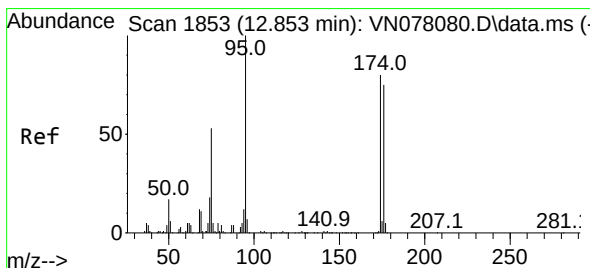
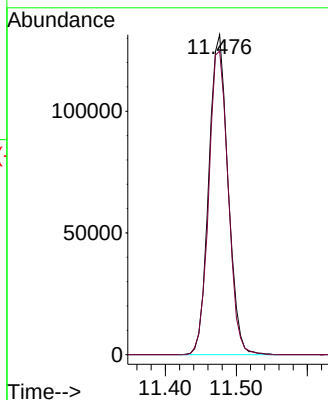
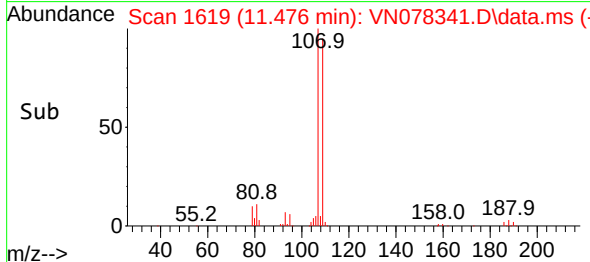
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



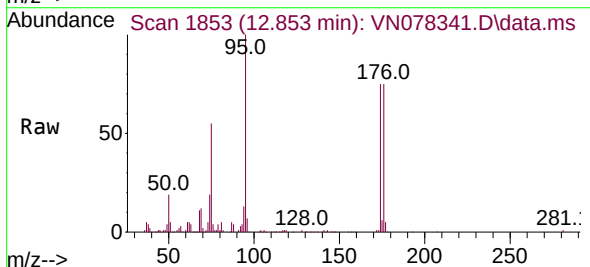
Tgt Ion:107 Resp: 246970
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

Manual Integrations
APPROVED

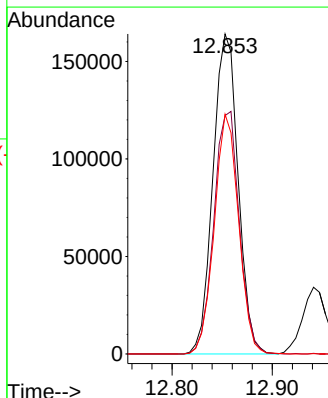
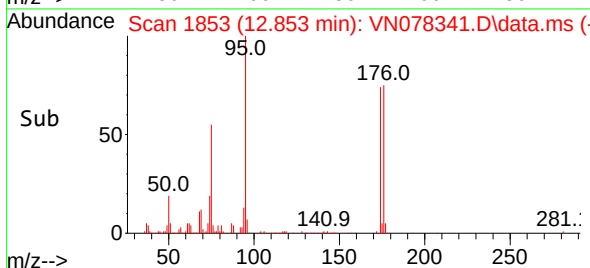
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

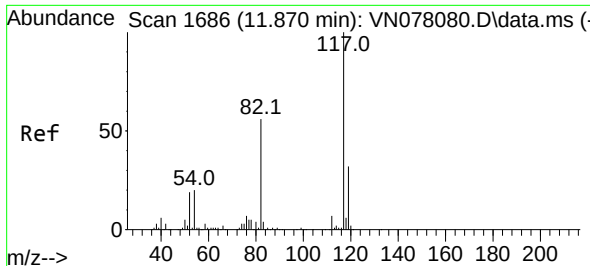


#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



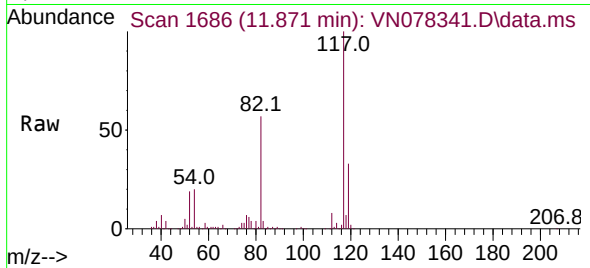
Tgt Ion: 95 Resp: 284773
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 72.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

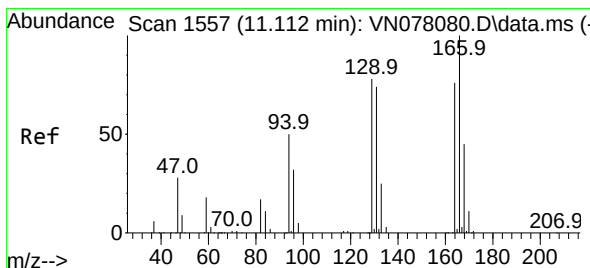
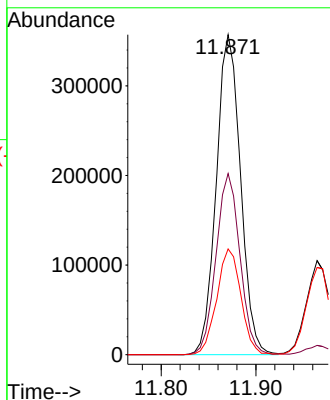
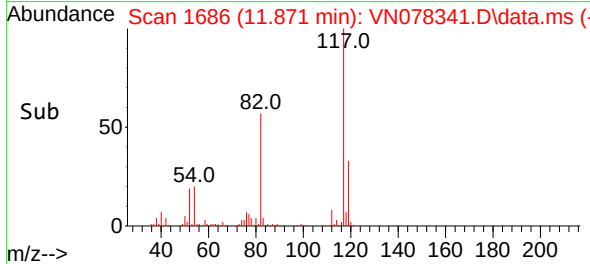
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 636390
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.0 25.6 38.4

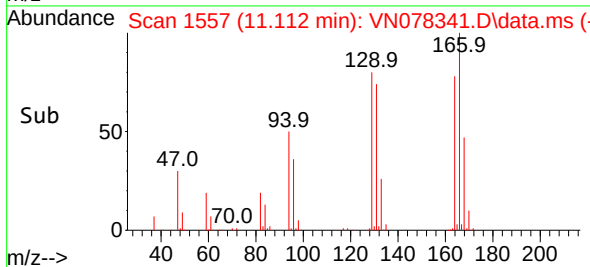
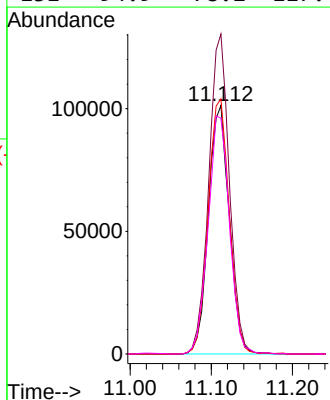
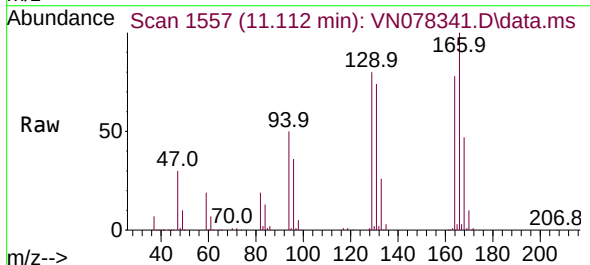
Manual Integrations
APPROVED

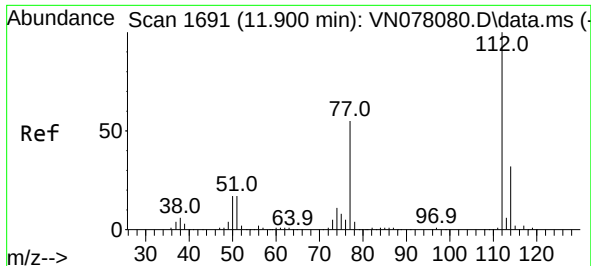
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 42.598 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:164 Resp: 180851
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.0
129 102.7 82.4 123.6
131 94.9 78.2 117.4





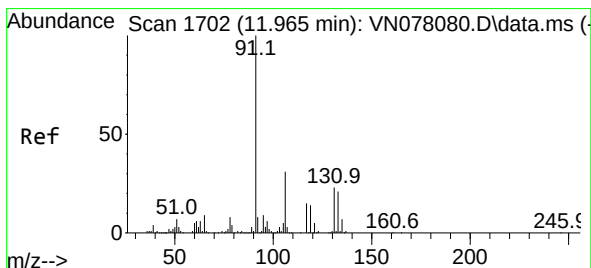
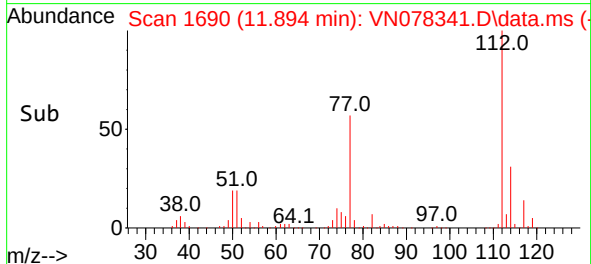
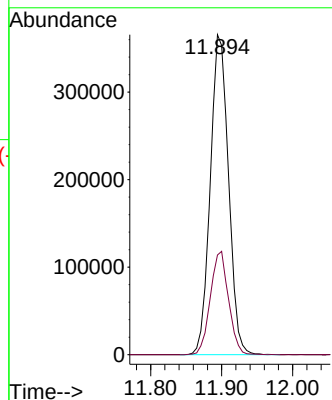
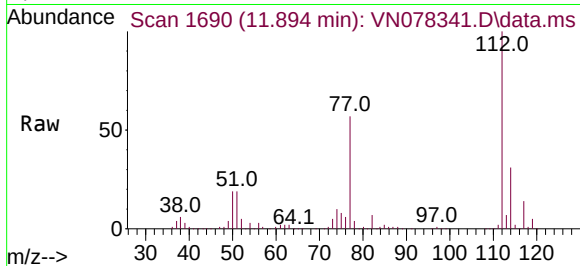
#65
Chlorobenzene
Concen: 47.738 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 650600
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

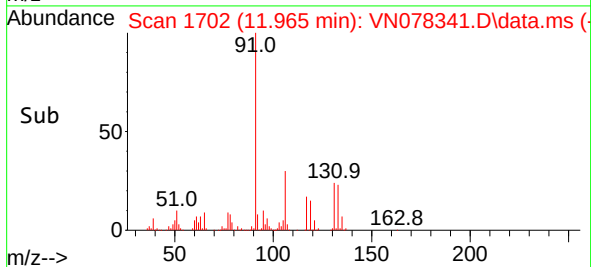
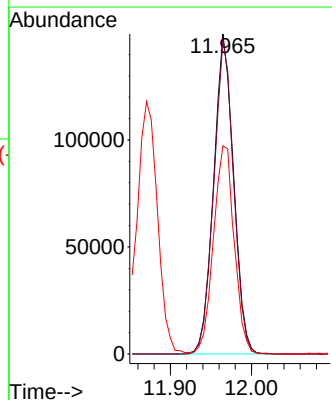
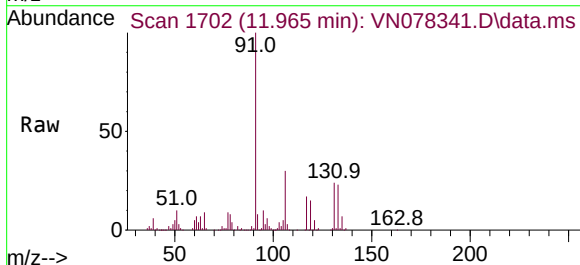
Manual Integrations
APPROVED

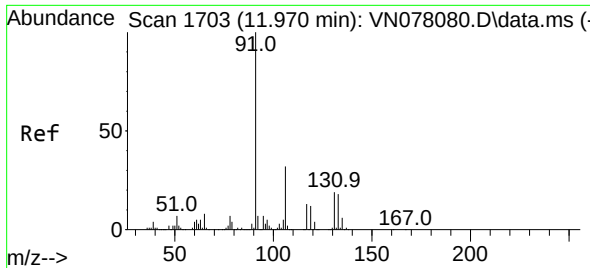
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:131 Resp: 255422
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 67.8 34.1 102.2





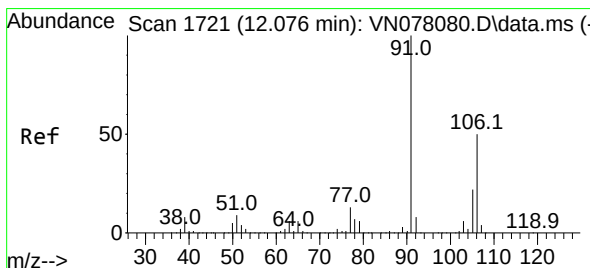
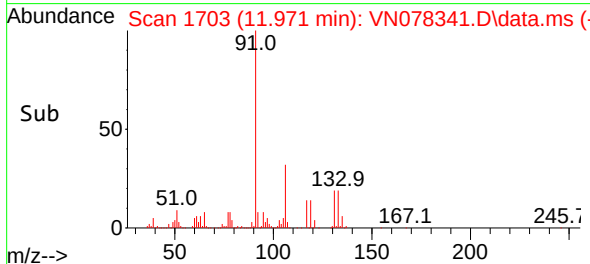
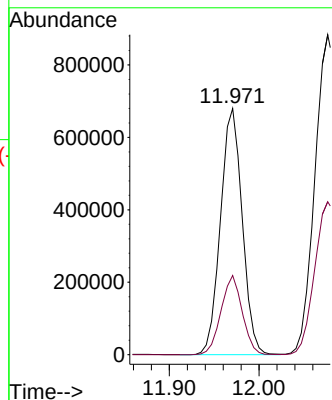
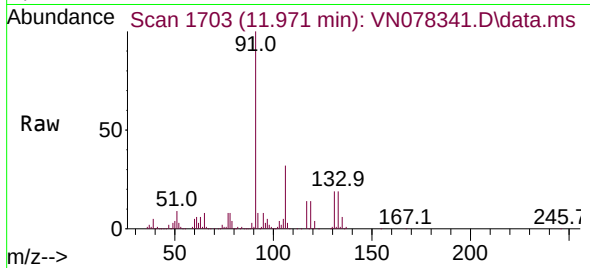
#67
Ethyl Benzene
Concen: 48.651 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 114407
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

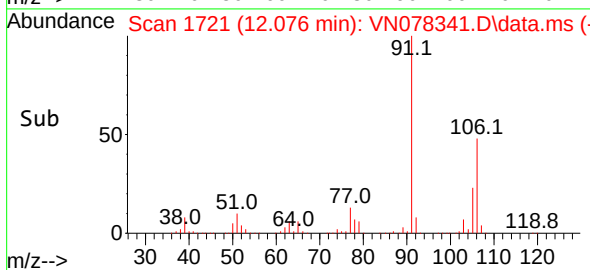
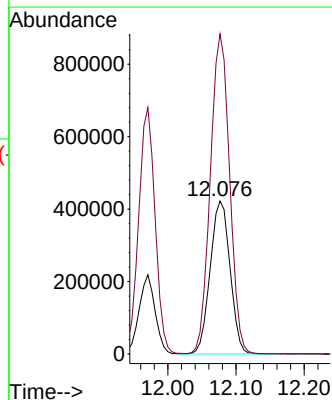
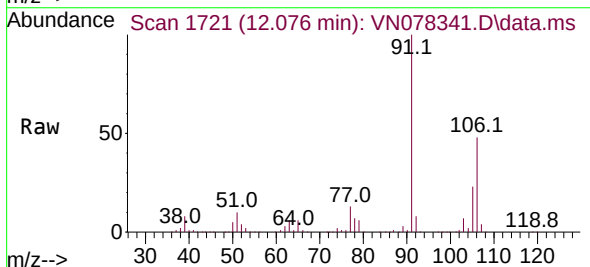
Manual Integrations
APPROVED

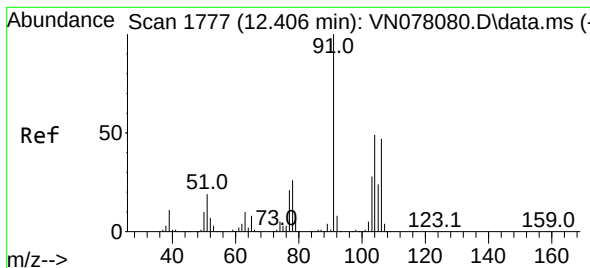
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 95.519 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

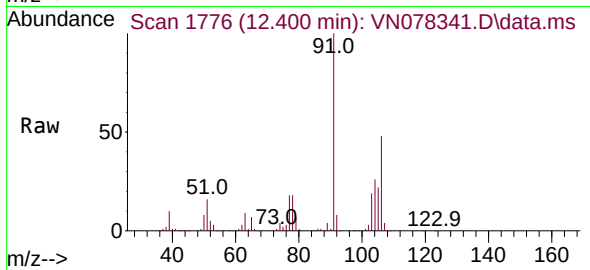
Tgt Ion:106 Resp: 856039
Ion Ratio Lower Upper
106 100
91 203.5 159.6 239.4





#69
o-Xylene
Concen: 48.433 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

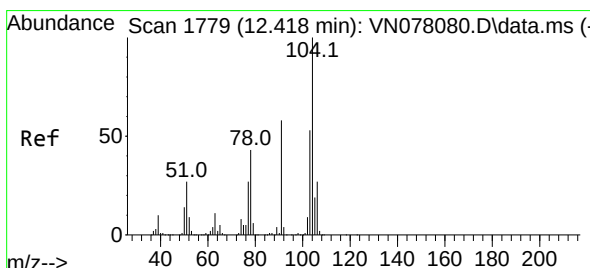
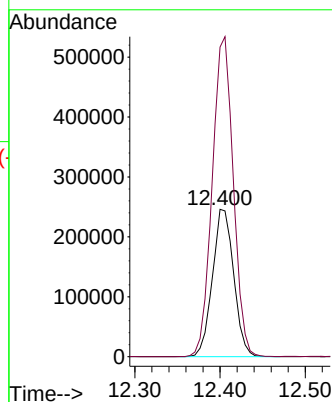
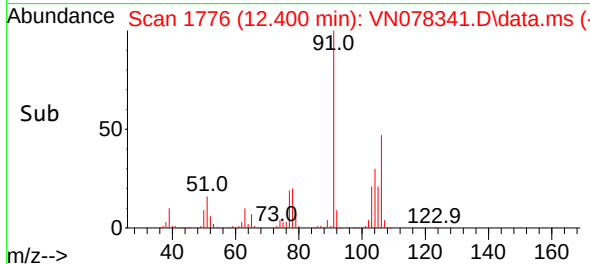
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 42624
Ion Ratio Lower Upper
106 100
91 215.2 105.2 315.5

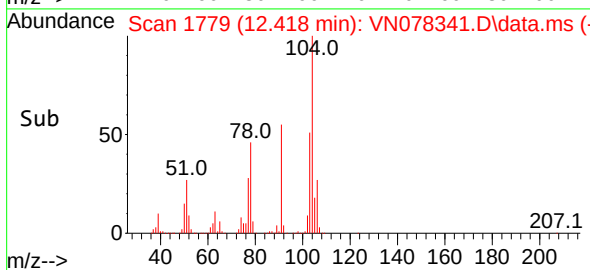
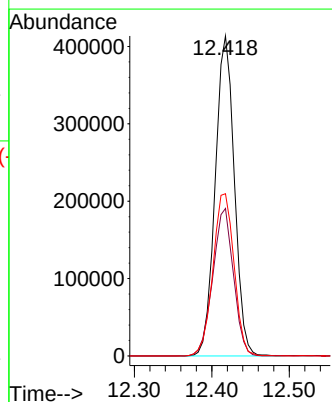
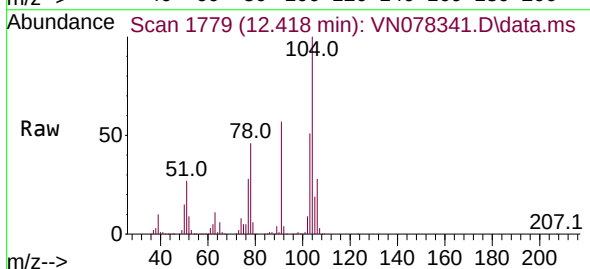
Manual Integrations
APPROVED

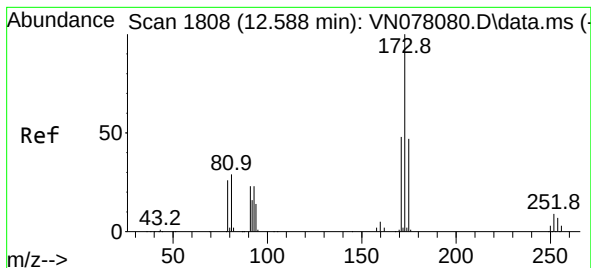
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 51.202 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:104 Resp: 709411
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 55.9 43.2 64.8





#71

Bromoform

Concen: 53.587 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

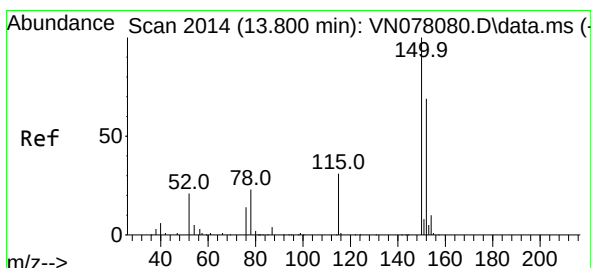
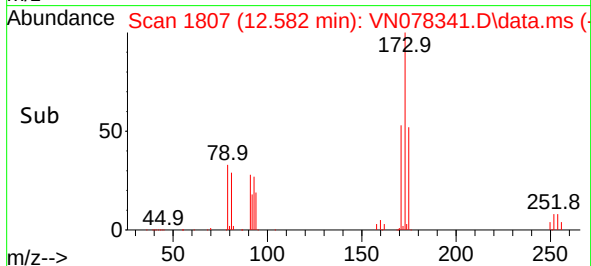
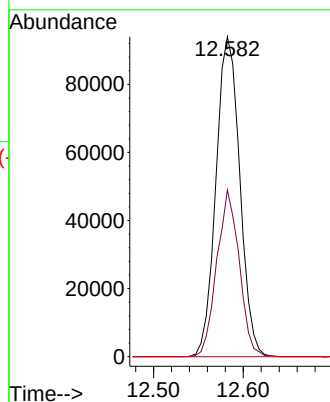
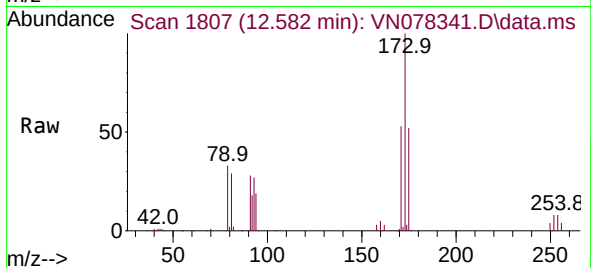
Tgt Ion:173 Resp: 17334
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

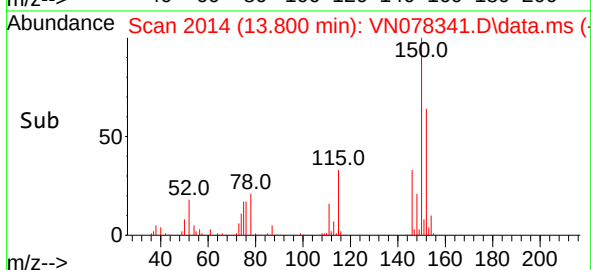
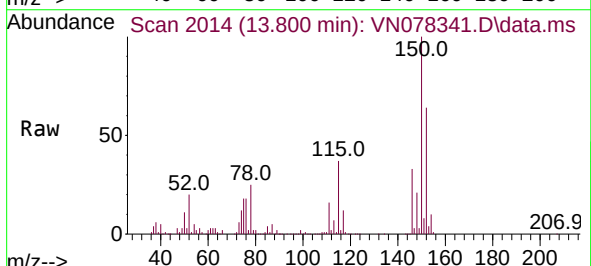
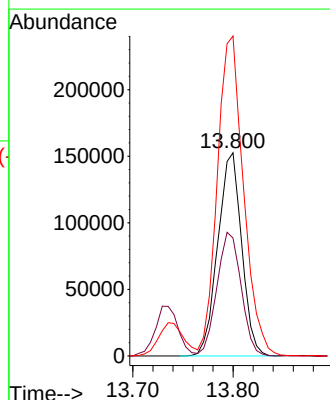
RT: 13.800 min Scan# 2014

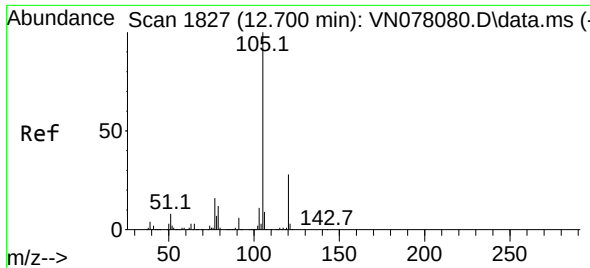
Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

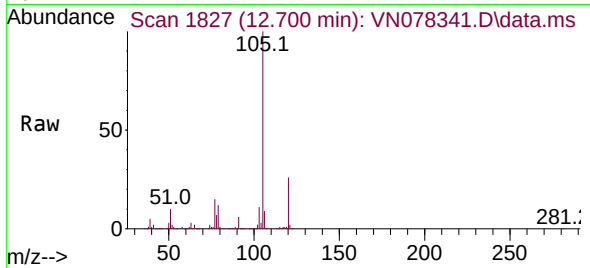
Tgt Ion:152 Resp: 252234
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 172.8 0.0 355.8





#73
Isopropylbenzene
Concen: 43.518 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

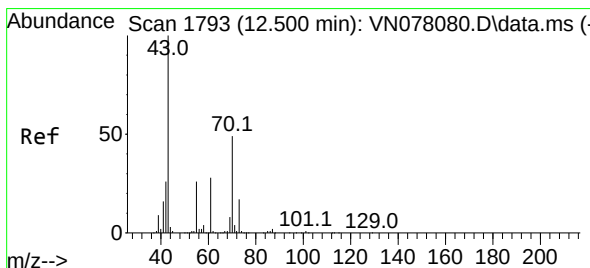
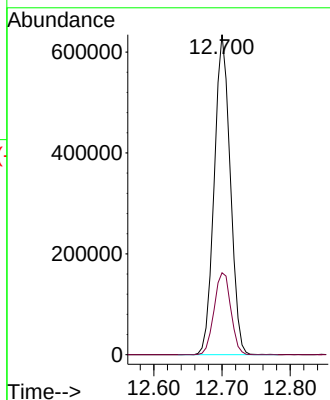
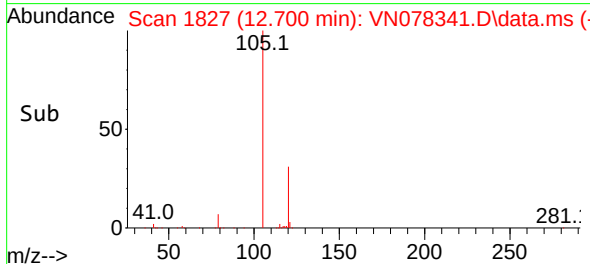
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1038000
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

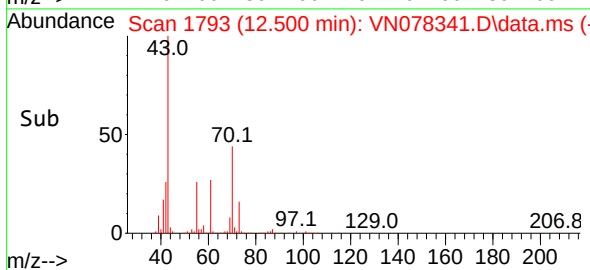
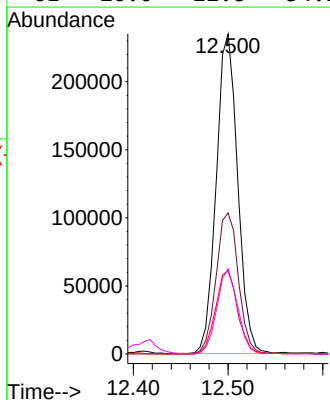
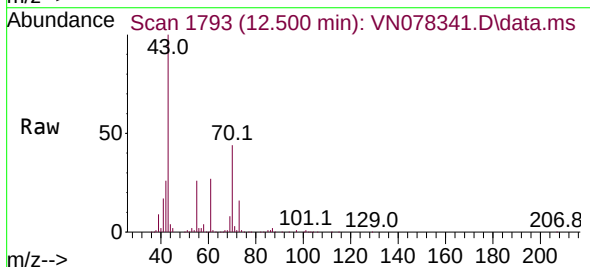
Manual Integrations
APPROVED

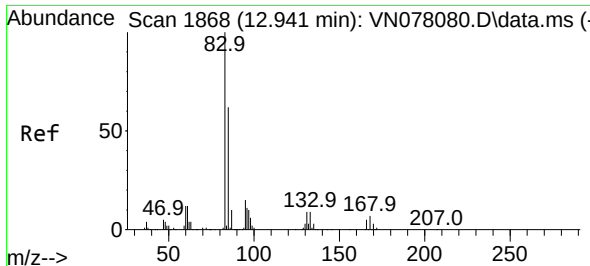
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#74
N-ethyl acetate
Concen: 47.002 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

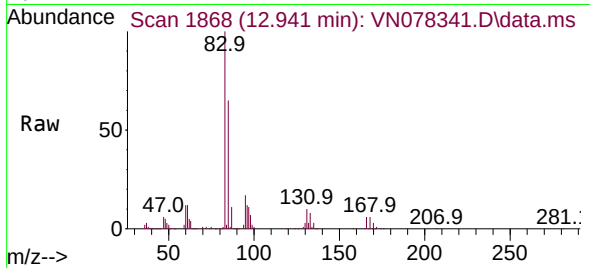
Tgt Ion: 43 Resp: 369181
Ion Ratio Lower Upper
43 100
70 46.0 43.4 65.2
55 26.8 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.038 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

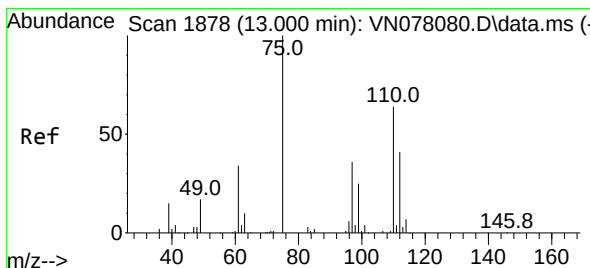
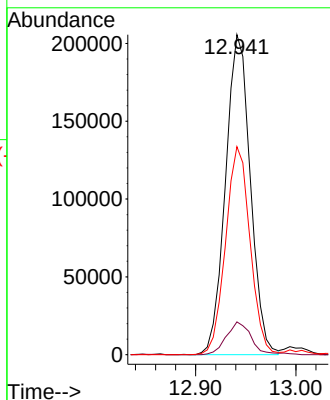
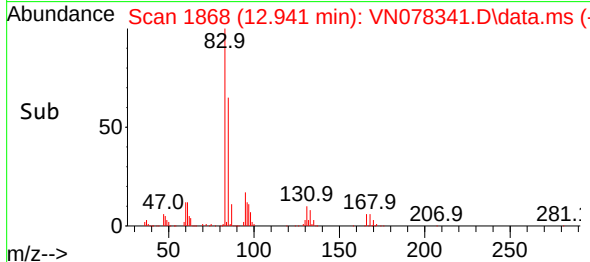
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 35320
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.1 31.9 95.7

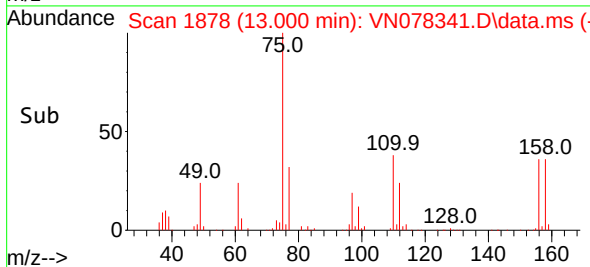
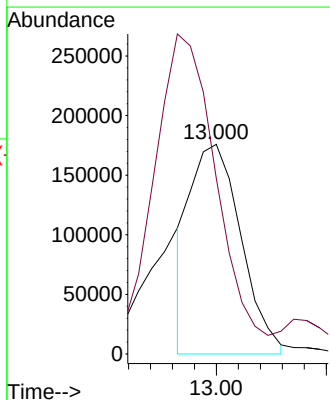
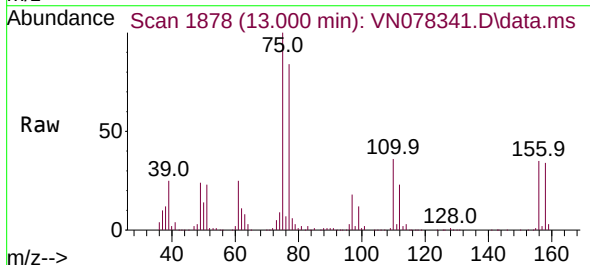
Manual Integrations
APPROVED

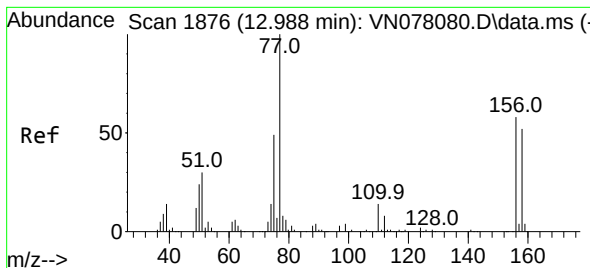
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 47.251 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 75 Resp: 281755
Ion Ratio Lower Upper
75 100
77 190.6 84.5 253.5





#77

Bromobenzene

Concen: 45.006 ug/l

RT: 12.982 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

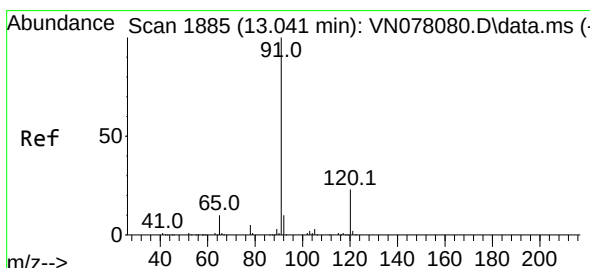
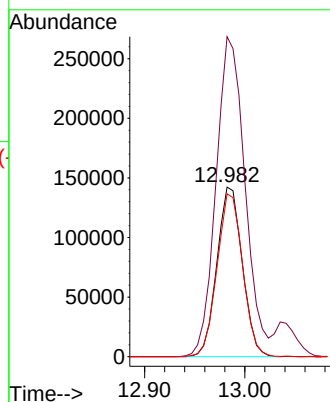
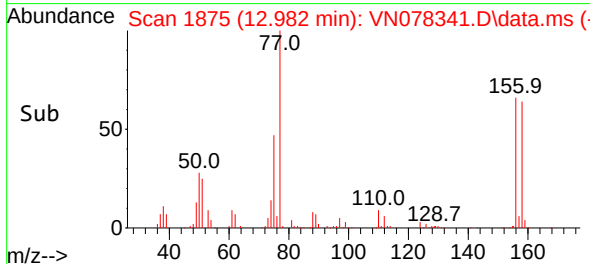
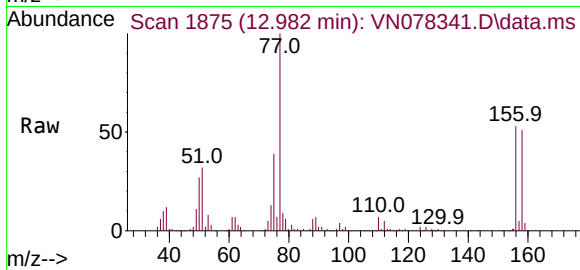
Tgt Ion:156 Resp: 249199
 Ion Ratio Lower Upper
 156 100
 77 215.5 107.7 323.3
 158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#78

n-propylbenzene

Concen: 44.654 ug/l

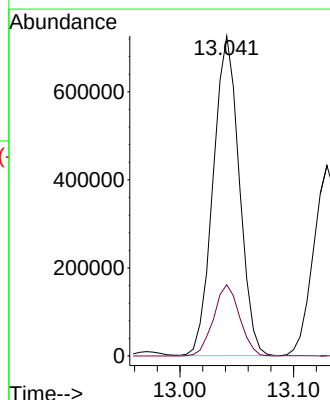
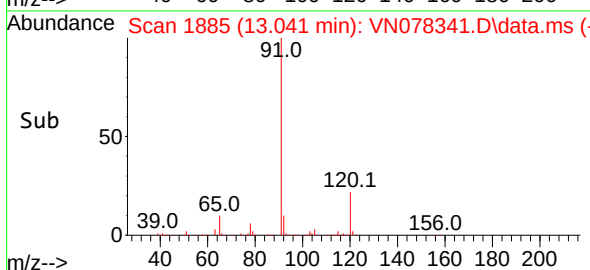
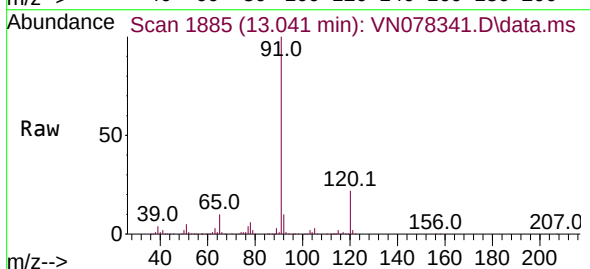
RT: 13.041 min Scan# 1885

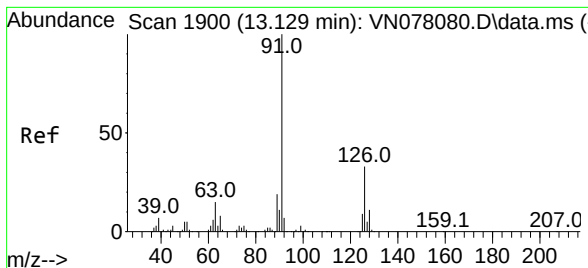
Delta R.T. 0.000 min

Lab File: VN078341.D

Acq: 21 Jun 2023 22:47

Tgt Ion: 91 Resp: 1157182
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





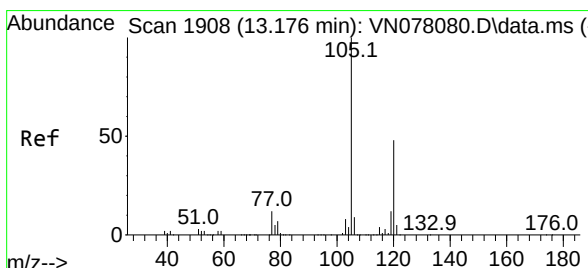
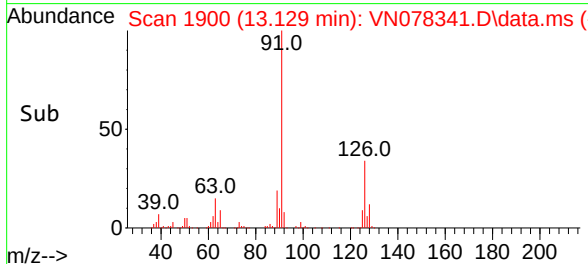
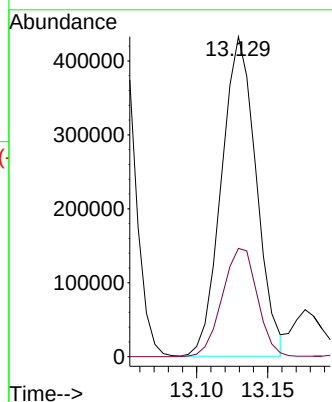
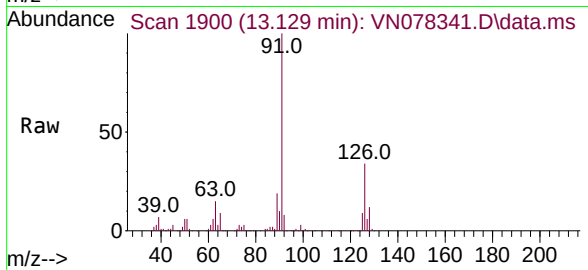
#79
2-Chlorotoluene
Concen: 44.048 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 736825
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

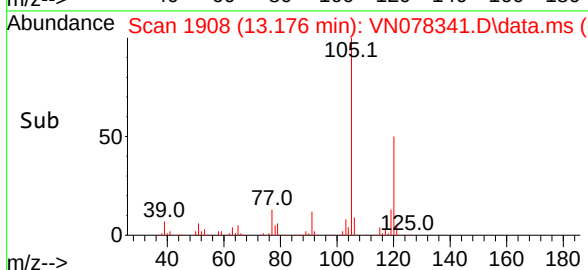
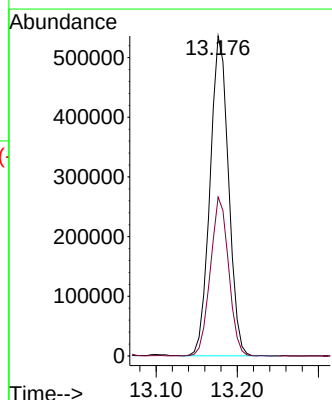
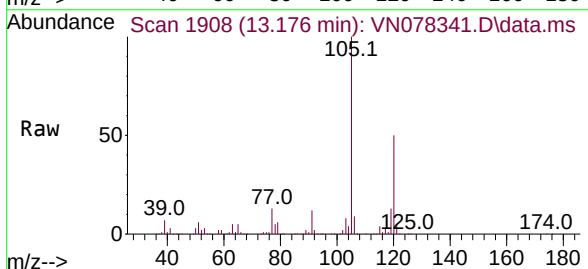
Manual Integrations
APPROVED

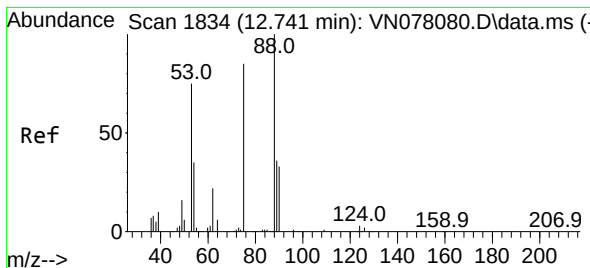
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.789 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

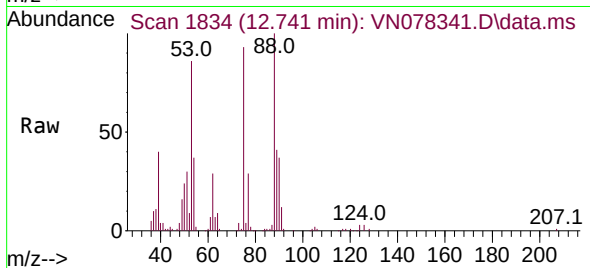
Tgt Ion:105 Resp: 845613
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.693 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

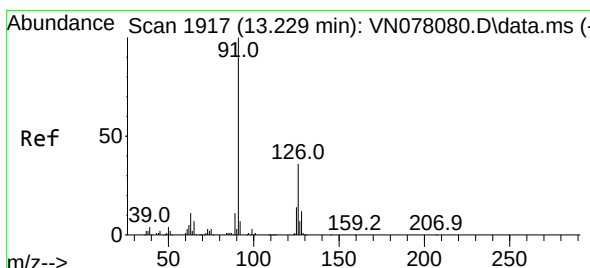
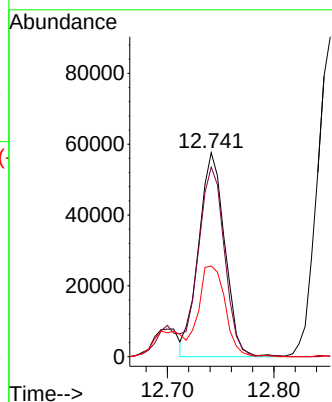
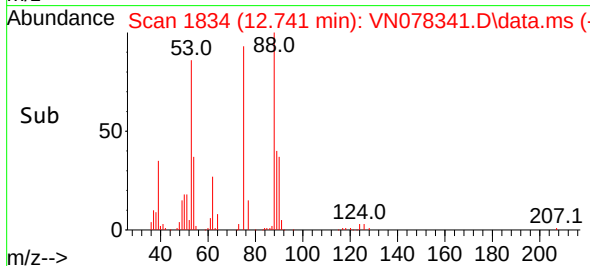
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 98388
Ion Ratio Lower Upper
75 100
53 92.4 67.4 101.2
89 45.0 38.8 58.2

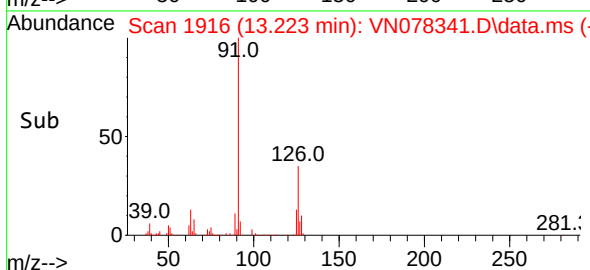
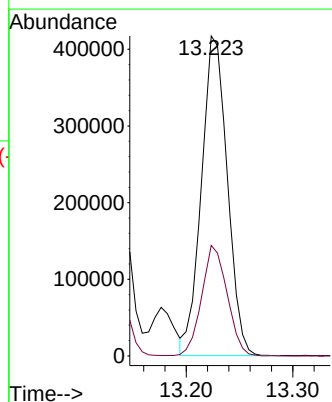
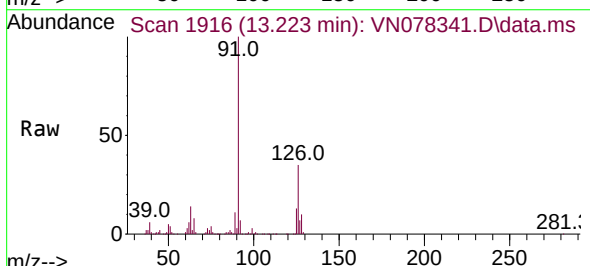
Manual Integrations
APPROVED

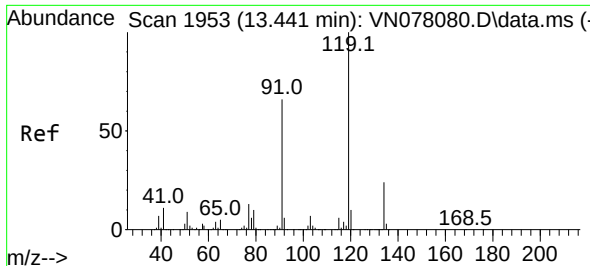
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 45.116 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

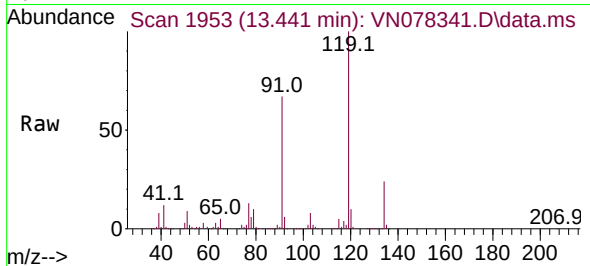
Tgt Ion: 91 Resp: 704360
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.479 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

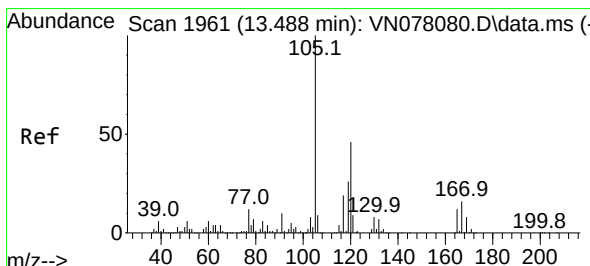
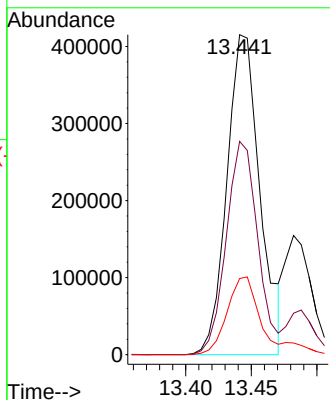
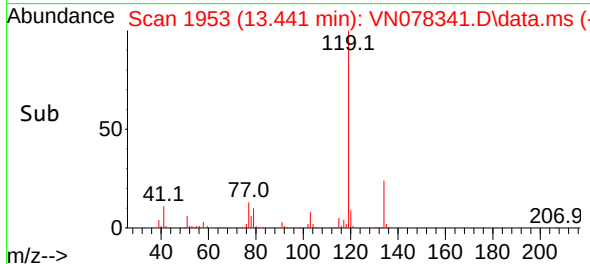
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 72985
Ion Ratio Lower Upper
119 100
91 63.6 33.9 101.7
134 25.9 13.2 39.6

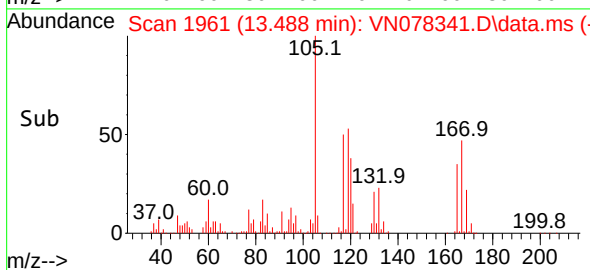
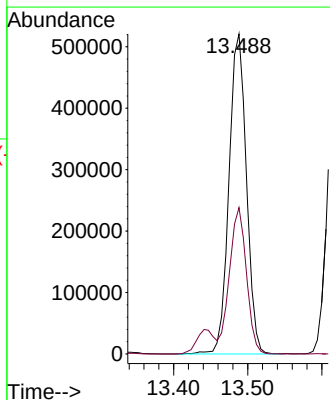
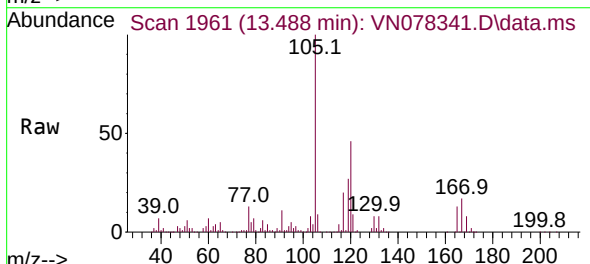
Manual Integrations
APPROVED

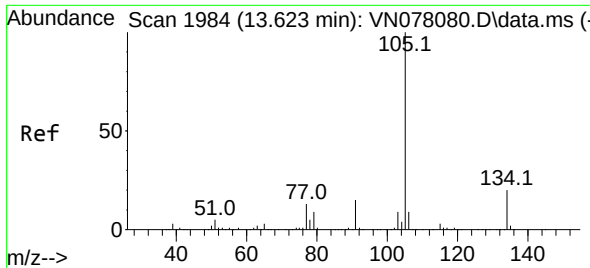
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.417 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

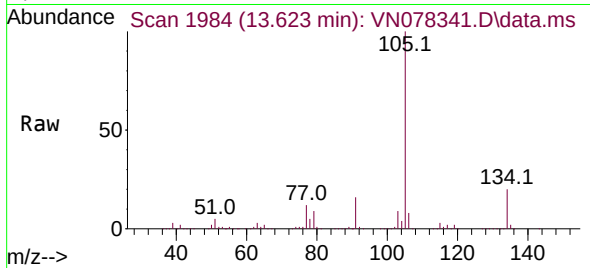
Tgt Ion:105 Resp: 850307
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 41.757 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47

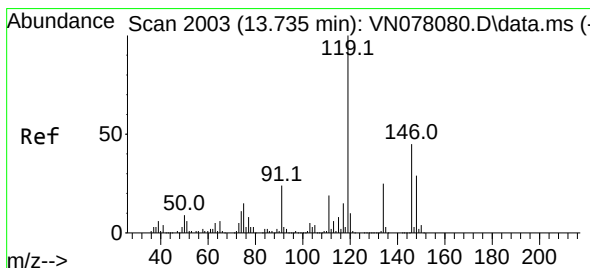
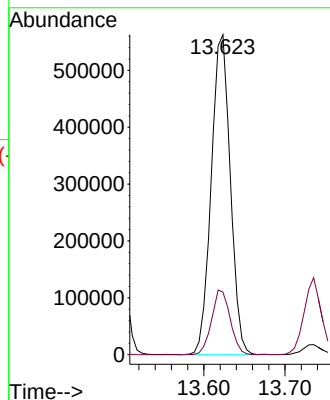
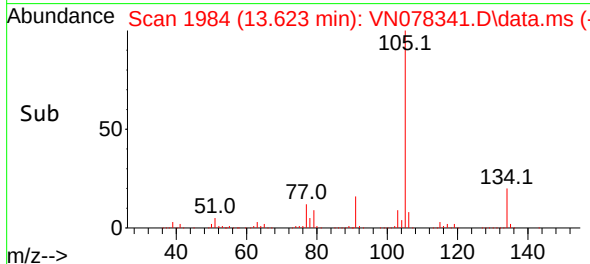
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



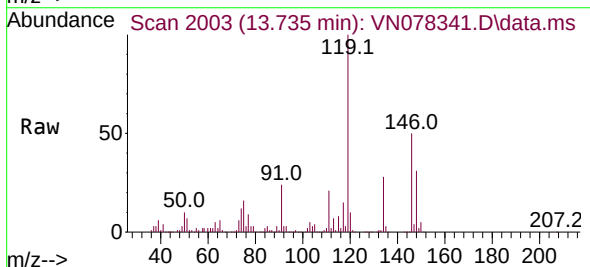
Tgt Ion:105 Resp: 917449
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

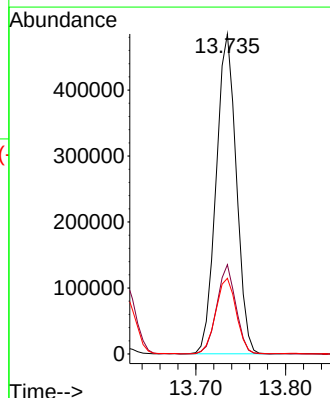
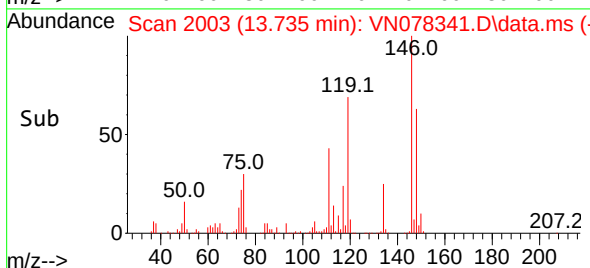
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

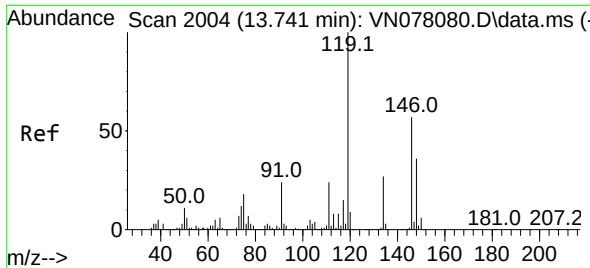


#86
 p-Isopropyltoluene
 Concen: 42.438 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078341.D
 Acq: 21 Jun 2023 22:47



Tgt Ion:119 Resp: 756652
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.0 12.4 37.2





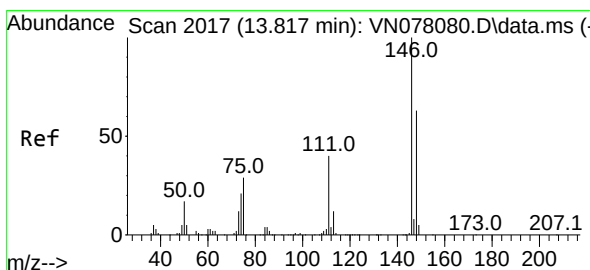
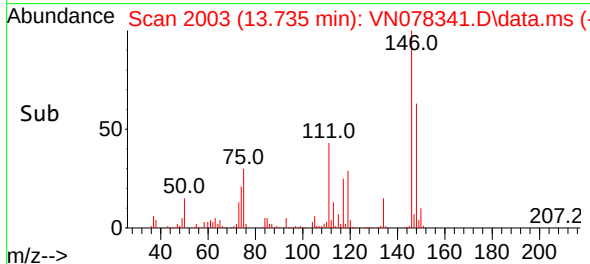
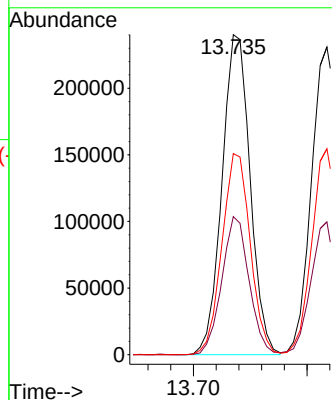
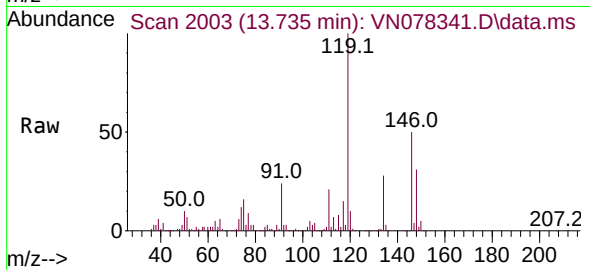
#87
1,3-Dichlorobenzene
Concen: 44.073 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 41278
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 63.4 32.0 96.0

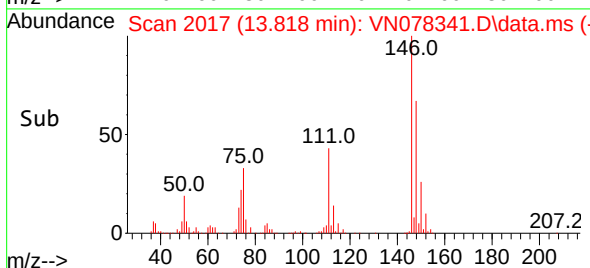
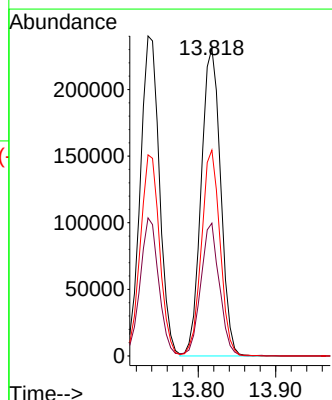
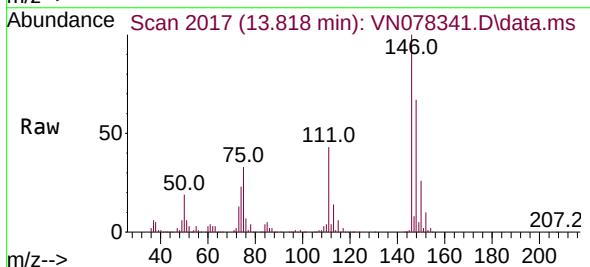
Manual Integrations
APPROVED

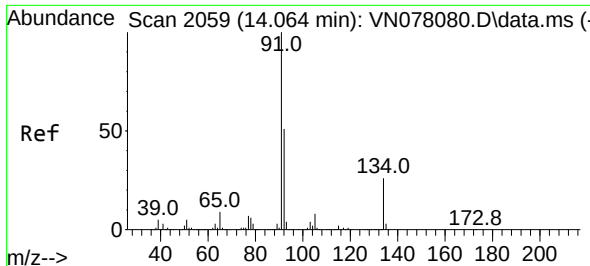
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#88
1,4-Dichlorobenzene
Concen: 44.465 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:146 Resp: 401846
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 64.1 31.6 94.8





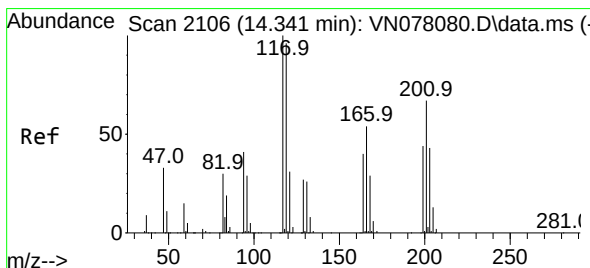
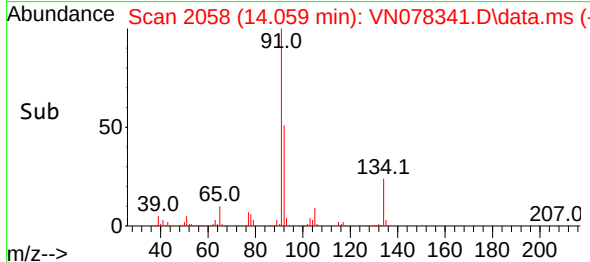
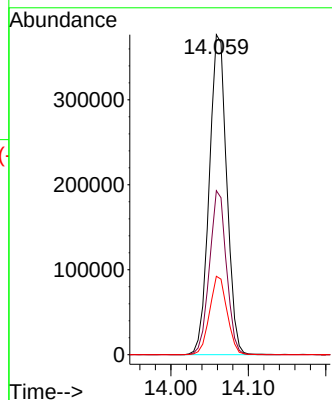
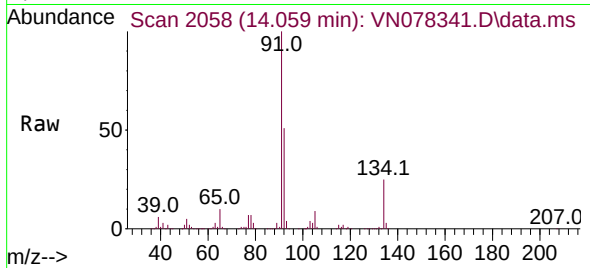
#89
n-Butylbenzene
Concen: 41.941 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58982
Ion Ratio Lower Upper
91 100
92 49.8 26.4 79.0
134 24.6 12.6 37.6

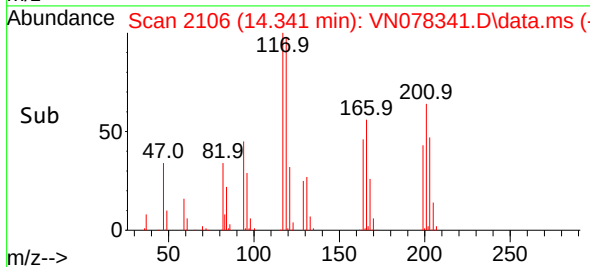
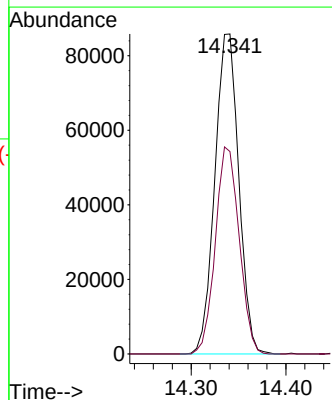
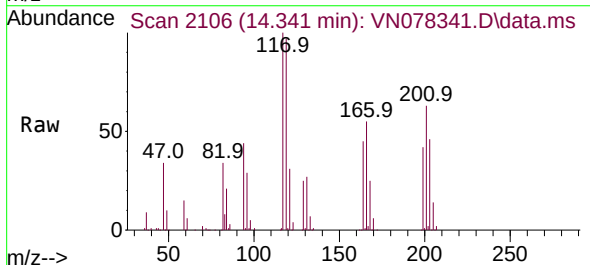
Manual Integrations
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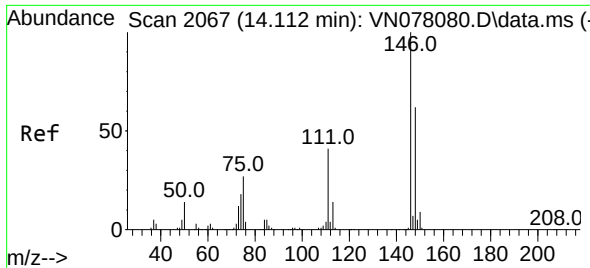
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 47.707 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Tgt Ion:117 Resp: 150949
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0





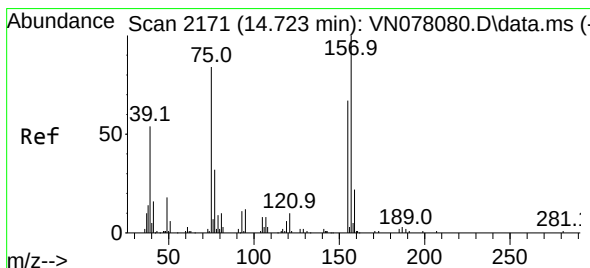
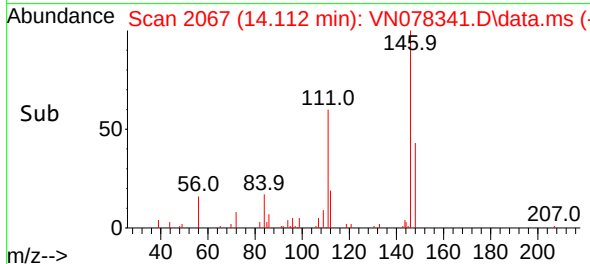
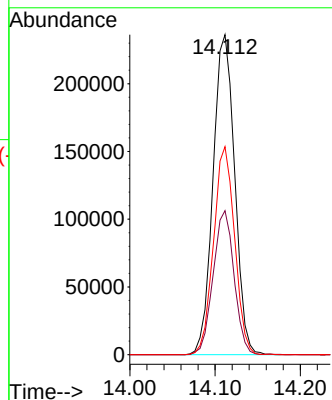
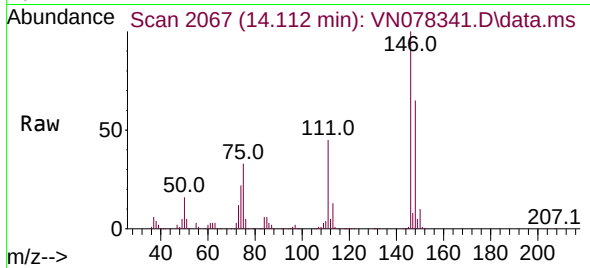
#91
1,2-Dichlorobenzene
Concen: 45.590 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 41730
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.2 31.8 95.3

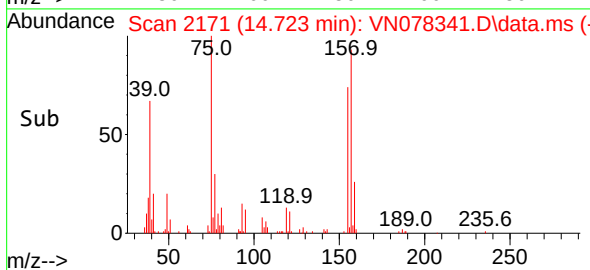
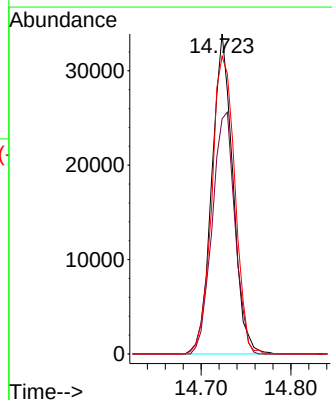
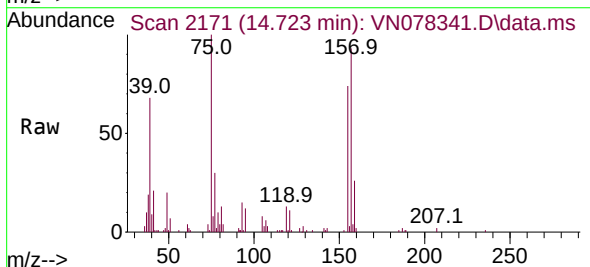
Manual Integrations
APPROVED

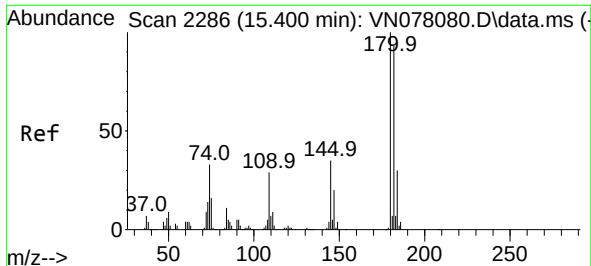
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.656 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

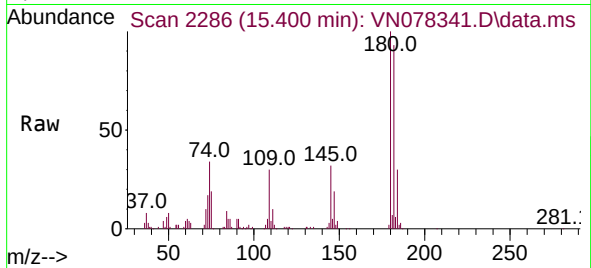
Tgt Ion: 75 Resp: 55121
Ion Ratio Lower Upper
75 100
155 81.5 39.1 117.2
157 102.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 42.414 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

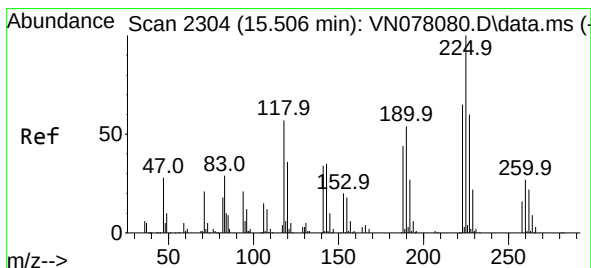
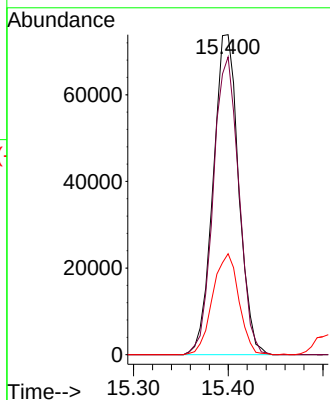
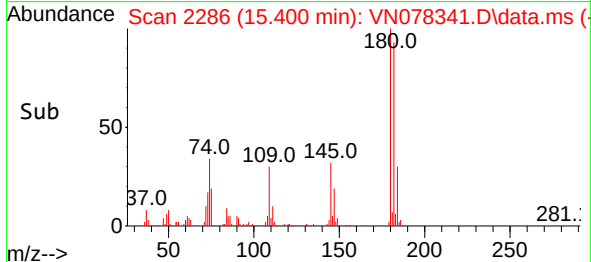
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 138324
Ion Ratio Lower Upper
180 100
182 92.9 46.1 138.2
145 32.4 16.6 49.8

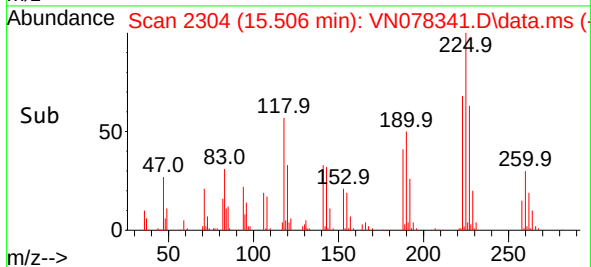
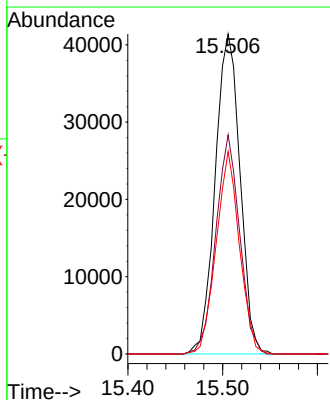
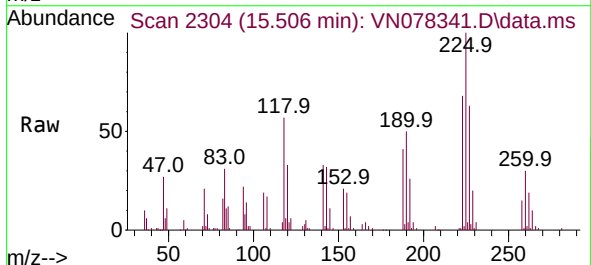
Manual Integrations
APPROVED

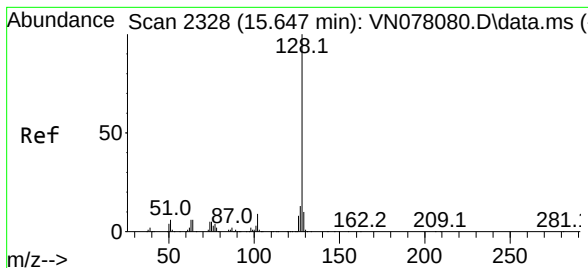
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#94
Hexachlorobutadiene
Concen: 46.980 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

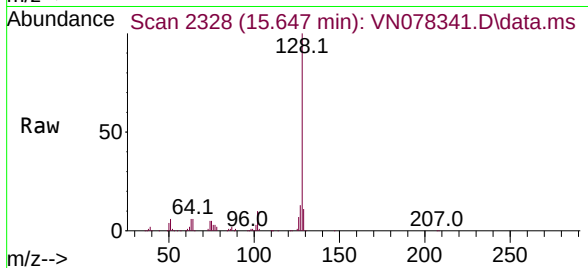
Tgt Ion:225 Resp: 75362
Ion Ratio Lower Upper
225 100
223 65.7 31.3 93.8
227 59.5 31.9 95.9





#95
Naphthalene
Concen: 37.684 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47

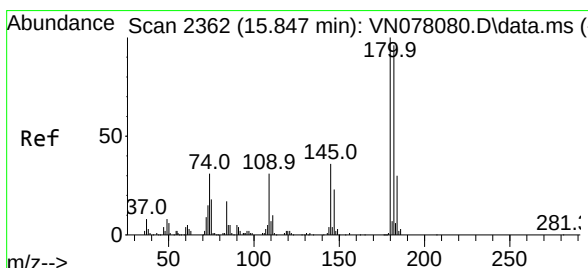
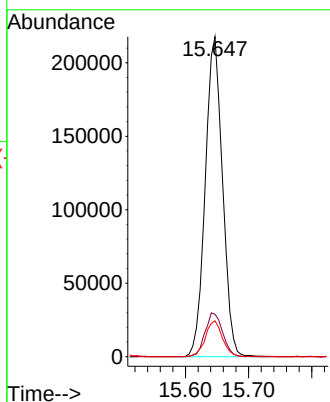
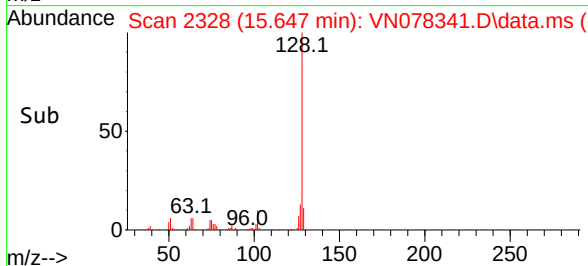
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



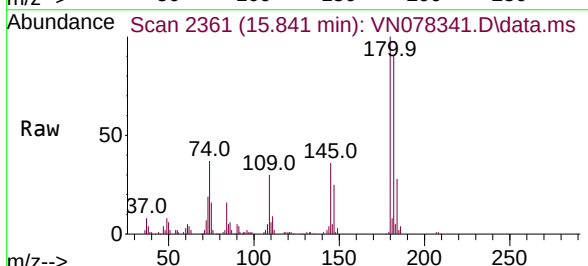
Tgt Ion:128 Resp: 413400
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.858 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078341.D
Acq: 21 Jun 2023 22:47



Tgt Ion:180 Resp: 149031
Ion Ratio Lower Upper
180 100
182 93.7 46.2 138.6
145 34.7 17.5 52.6

