

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078313.D
 Acq On : 20 Jun 2023 16:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 05:48:50 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	417570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	661745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288720	51.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.720%			
35) Dibromofluoromethane	8.177	113	244255	52.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	923324	51.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.853	95	298991	53.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	184293	39.044	ug/l	100
3) Chloromethane	2.371	50	209326	47.031	ug/l	97
4) Vinyl Chloride	2.518	62	324107	52.437	ug/l	96
5) Bromomethane	2.948	94	226855	48.565	ug/l	93
6) Chloroethane	3.118	64	239589	56.863	ug/l	97
7) Trichlorofluoromethane	3.506	101	526767	62.847	ug/l	99
8) Diethyl Ether	3.965	74	179306	60.883	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	290279	65.623	ug/l	95
10) Methyl Iodide	4.600	142	415631	66.441	ug/l	95
11) Tert butyl alcohol	5.536	59	247268	321.648	ug/l	99
12) 1,1-Dichloroethene	4.347	96	273117	59.896	ug/l	94
13) Acrolein	4.189	56	298291	352.062	ug/l	95
14) Allyl chloride	5.036	41	354999	63.777	ug/l	92
15) Acrylonitrile	5.730	53	699642	353.004	ug/l	100
16) Acetone	4.436	43	560498	349.759	ug/l	93
17) Carbon Disulfide	4.724	76	615565	52.448	ug/l	98
18) Methyl Acetate	5.036	43	506305	68.624	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	967988	66.535	ug/l	97
20) Methylene Chloride	5.289	84	330888	62.483	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	297768	60.545	ug/l	94
22) Diisopropyl ether	6.683	45	877402	67.012	ug/l	97
23) Vinyl Acetate	6.612	43	2596738	333.638	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	561541	65.014	ug/l	99
25) 2-Butanone	7.494	43	696065	282.455	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	391874	61.446	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	286657	48.864	ug/l	94
28) Bromochloromethane	7.818	49	216604	54.619	ug/l	88
29) Tetrahydrofuran	7.847	42	448049	271.969	ug/l	86
30) Chloroform	7.971	83	498577	53.606	ug/l	94
31) Cyclohexane	8.265	56	305891	42.831	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	428843	52.520	ug/l	96
36) 1,1-Dichloropropene	8.382	75	343954	51.307	ug/l	97
37) Ethyl Acetate	7.571	43	297247	56.759	ug/l #	95
38) Carbon Tetrachloride	8.365	117	368122	52.005	ug/l	96
39) Methylcyclohexane	9.606	83	272889	39.279	ug/l	90
40) Benzene	8.612	78	1043997	52.164	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152464	53.710	ug/l	93
42) 1,2-Dichloroethane	8.677	62	370663	54.016	ug/l	97
43) Isopropyl Acetate	8.694	43	582920	58.201	ug/l #	89
44) Trichloroethene	9.359	130	259948	49.182	ug/l	98
45) 1,2-Dichloropropane	9.629	63	268946	54.011	ug/l	100
46) Dibromomethane	9.718	93	194295	52.975	ug/l	95
47) Bromodichloromethane	9.894	83	396972	58.268	ug/l	100
48) Methyl methacrylate	9.688	41	230754	54.901	ug/l	93
49) 1,4-Dioxane	9.700	88	94012	1064.205	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1564674	296.671	ug/l	93
52) Toluene	10.635	92	662258	52.410	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	417155	58.794	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	452221	57.658	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	274025	57.326	ug/l	98
56) Ethyl methacrylate	10.876	69	401542	57.691	ug/l	91
57) 1,3-Dichloropropane	11.171	76	461102	57.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	703941	250.359	ug/l	93
59) 2-Hexanone	11.200	43	1108287	301.795	ug/l	91
60) Dibromochloromethane	11.365	129	300413	57.433	ug/l	100
61) 1,2-Dibromoethane	11.476	107	275113	54.843	ug/l	97
64) Tetrachloroethene	11.112	164	193669	43.869	ug/l	98
65) Chlorobenzene	11.900	112	713833	50.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	275437	52.844	ug/l	97
67) Ethyl Benzene	11.970	91	1267072	51.817	ug/l	97
68) m/p-Xylenes	12.076	106	941907	101.073	ug/l	97
69) o-Xylene	12.400	106	463244	50.620	ug/l	95
70) Styrene	12.417	104	768241	53.323	ug/l	98
71) Bromoform	12.582	173	193773	57.606	ug/l #	99
73) Isopropylbenzene	12.700	105	1139618	45.897	ug/l	100
74) N-amyl acetate	12.500	43	426890	52.209	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	397005	58.552	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	314469m	50.661	ug/l	
77) Bromobenzene	12.988	156	273210	47.400	ug/l	99
78) n-propylbenzene	13.041	91	1274847	47.257	ug/l	99
79) 2-Chlorotoluene	13.129	91	825452	47.403	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	909338	45.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	119361	59.078	ug/l	92
82) 4-Chlorotoluene	13.223	91	789404	48.573	ug/l	98
83) tert-Butylbenzene	13.447	119	746171	42.701	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	911144	46.750	ug/l	99
85) sec-Butylbenzene	13.623	105	962333	42.076	ug/l	100
86) p-Isopropyltoluene	13.735	119	780973	42.078	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	456164	46.788	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	448656	47.689	ug/l	99
89) n-Butylbenzene	14.059	91	611459	41.768	ug/l	98
90) Hexachloroethane	14.335	117	149676	45.442	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	462079	48.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	63706	51.799	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	144342	42.516	ug/l	96
94) Hexachlorobutadiene	15.506	225	72931	43.475	ug/l	99
95) Naphthalene	15.647	128	494512	43.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	155243	40.885	ug/l	97

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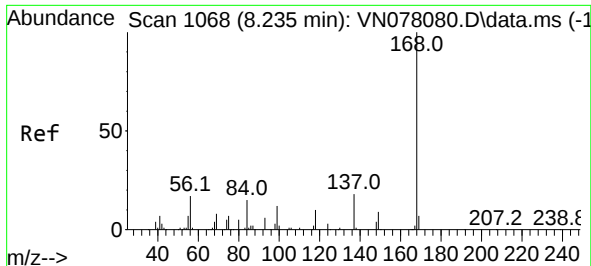
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



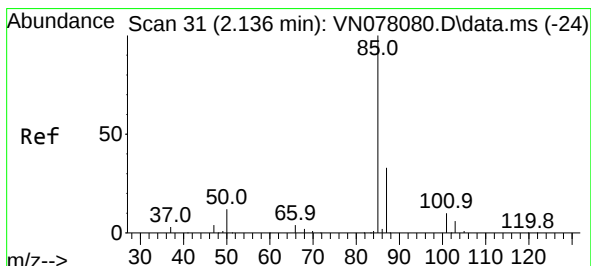
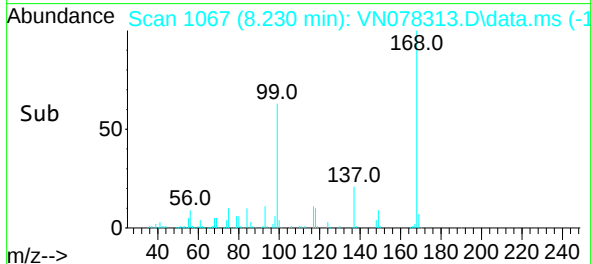
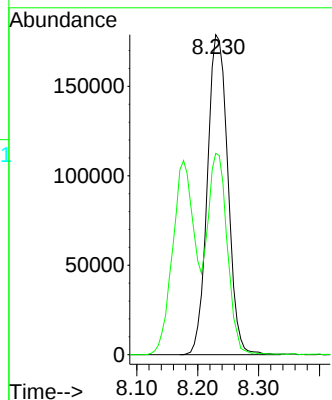
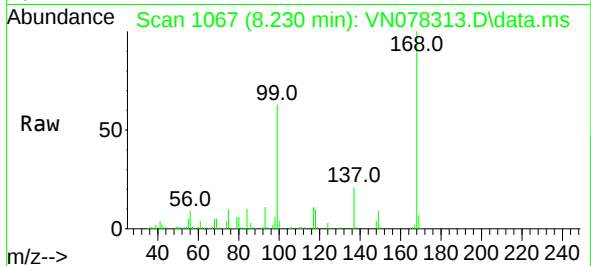
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078313.D
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VSTDCCC050EC

Tgt Ion:168 Resp: 417570
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6

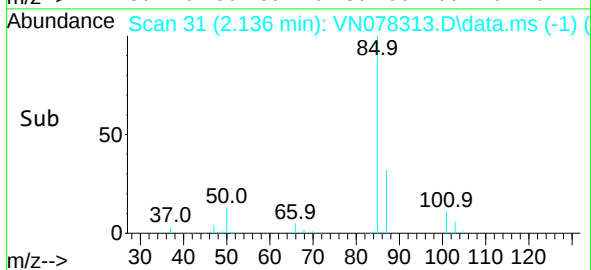
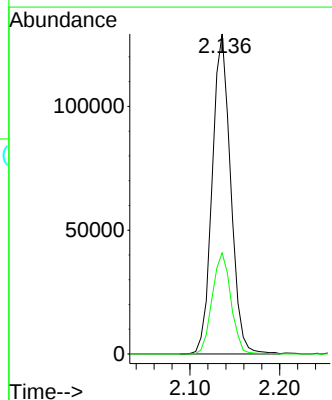
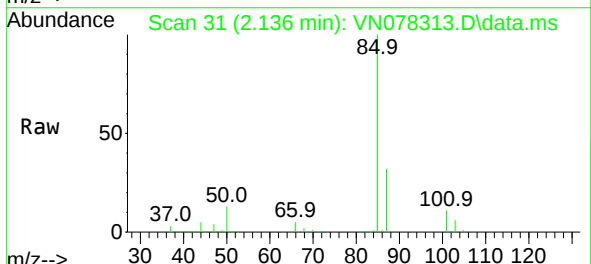
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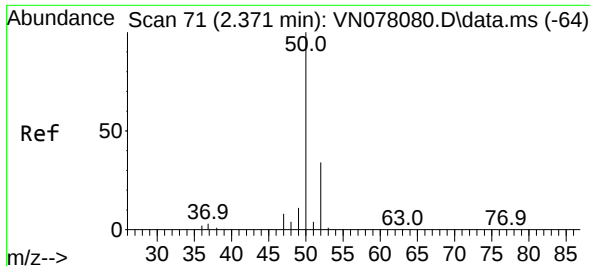
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 39.044 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

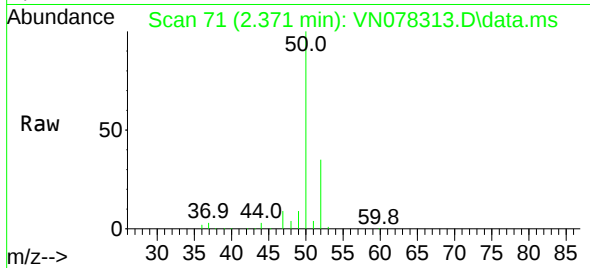
Tgt Ion: 85 Resp: 184293
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 47.031 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

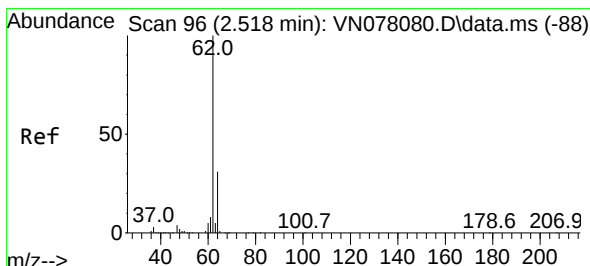
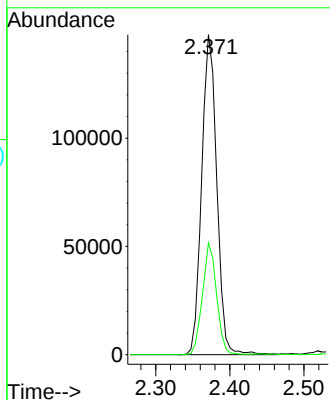
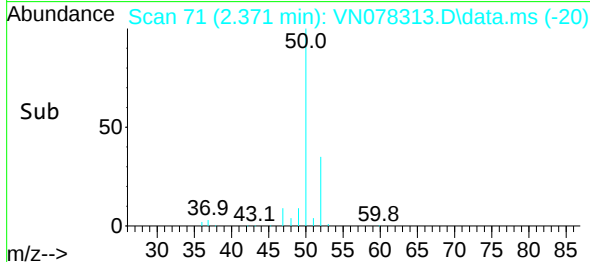
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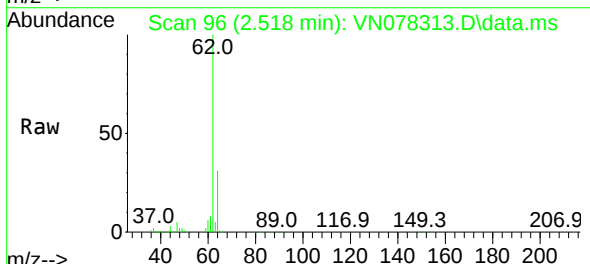
Tgt Ion: 50 Resp: 209320
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

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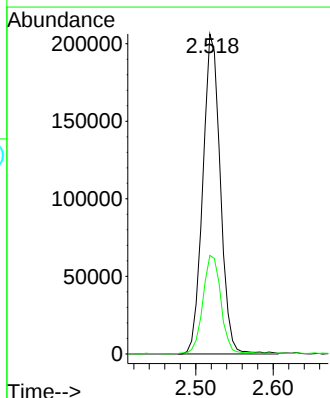
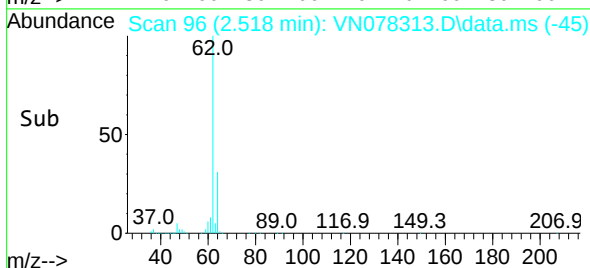
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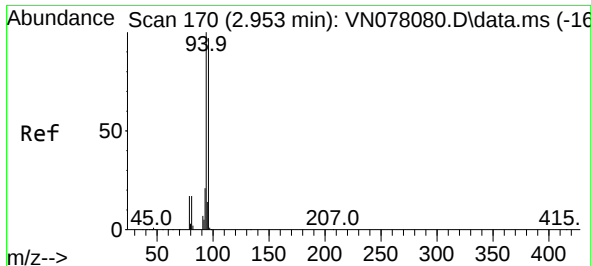


#4
Vinyl Chloride
Concen: 52.437 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



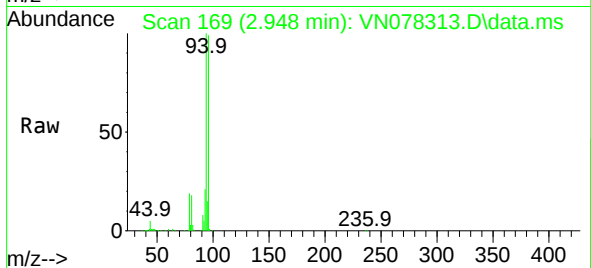
Tgt Ion: 62 Resp: 324107
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2





#5
Bromomethane
Concen: 48.565 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078313.D
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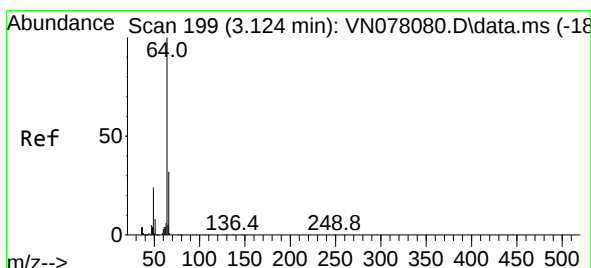
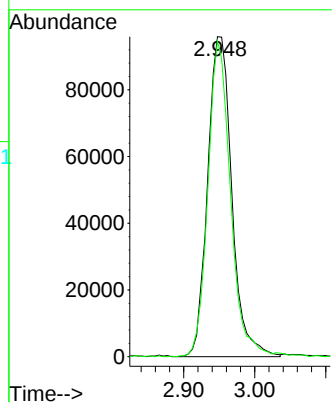
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 22685
Ion Ratio Lower Upper
94 100
96 98.4 73.1 109.7

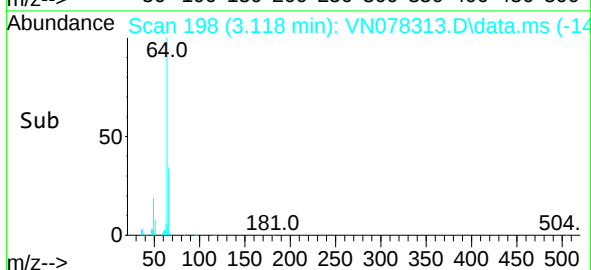
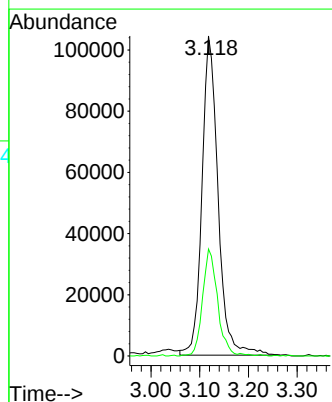
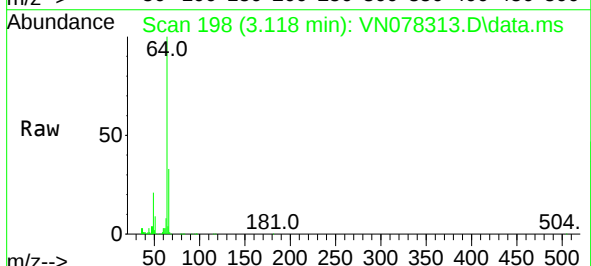
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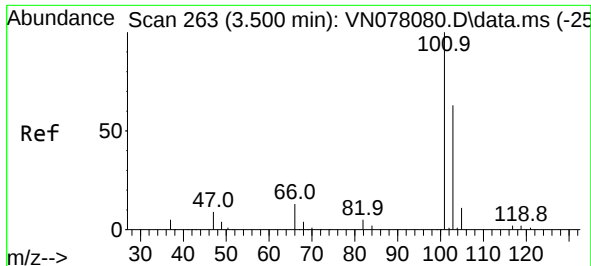
Reviewed By :John Carlone 06/21/2023
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#6
Chloroethane
Concen: 56.863 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

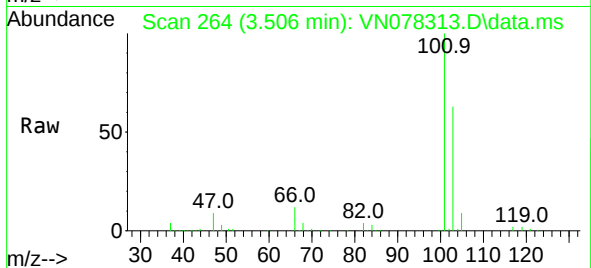
Tgt Ion: 64 Resp: 239589
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 62.847 ug/l
RT: 3.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078313.D
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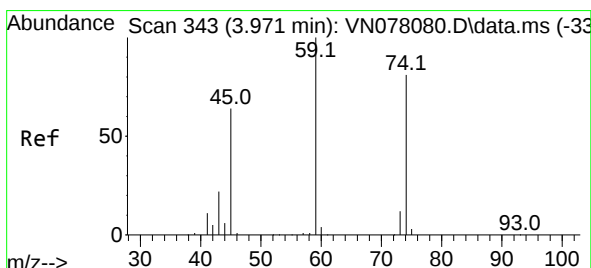
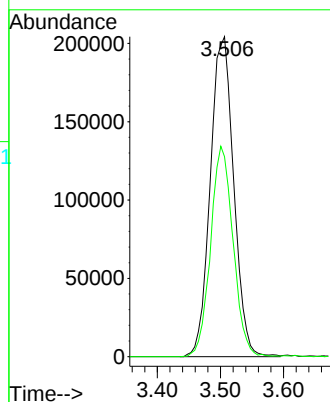
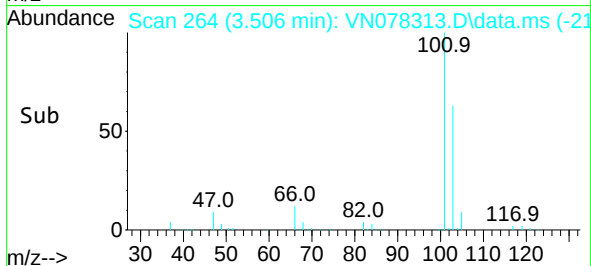
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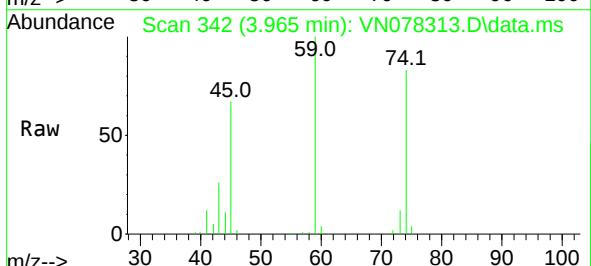
Tgt Ion:101 Resp: 52676
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1

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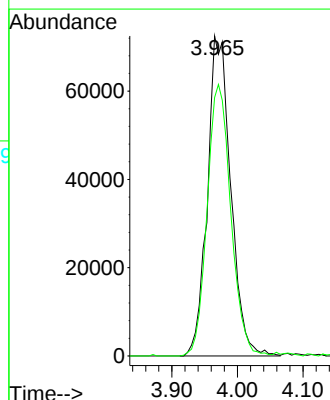
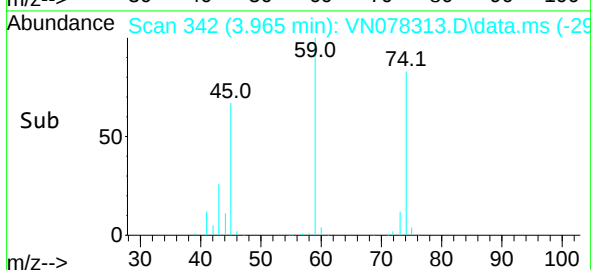
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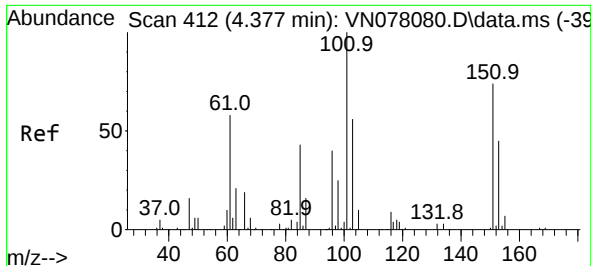


#8
Diethyl Ether
Concen: 60.883 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion: 74 Resp: 179306
Ion Ratio Lower Upper
74 100
45 86.2 34.4 103.3





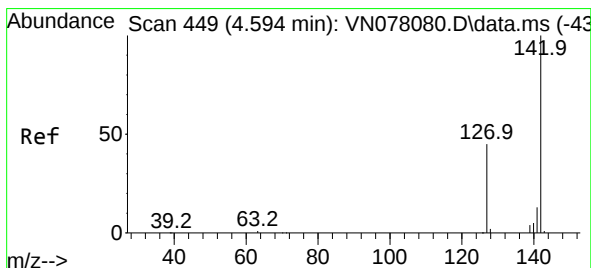
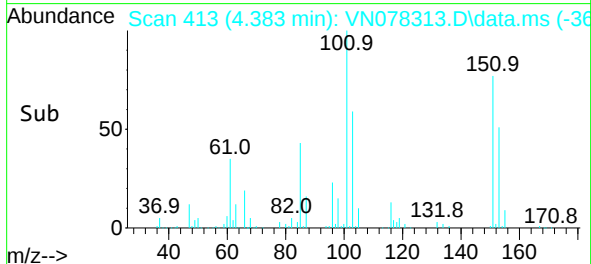
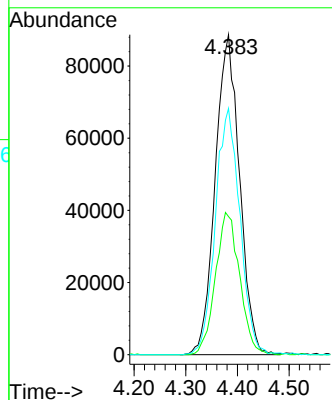
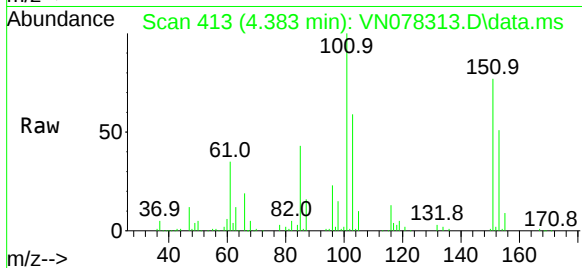
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1,1,2-Trichlorotrifluoroethane
Concen: 65.623 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078313.D
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 290279
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 77.6 57.6 86.4

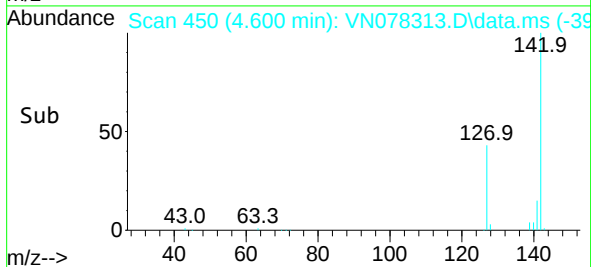
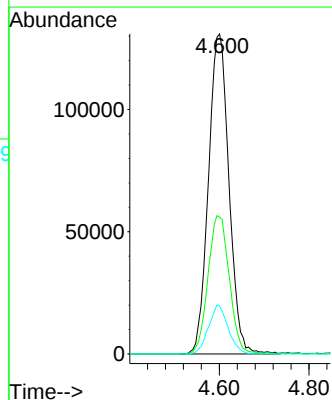
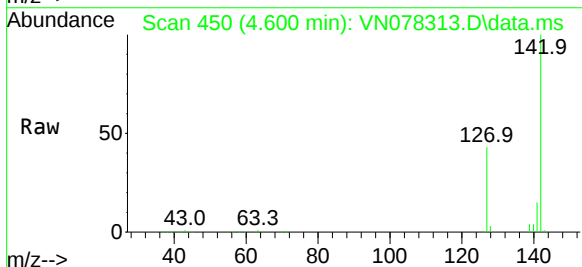
Manual Integrations
APPROVED

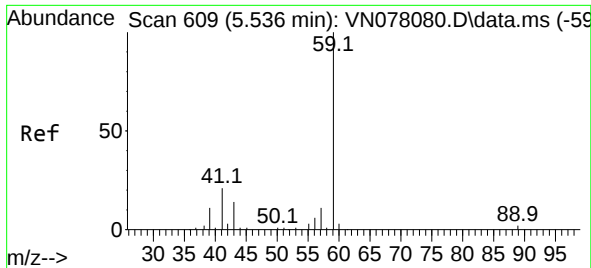
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 66.441 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

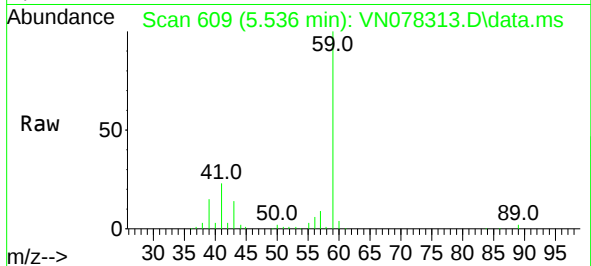
Tgt Ion:142 Resp: 415631
Ion Ratio Lower Upper
142 100
127 42.8 37.6 56.4
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 321.648 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

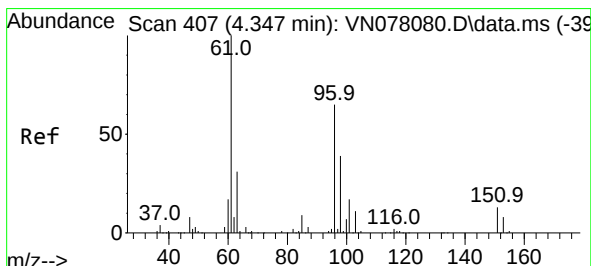
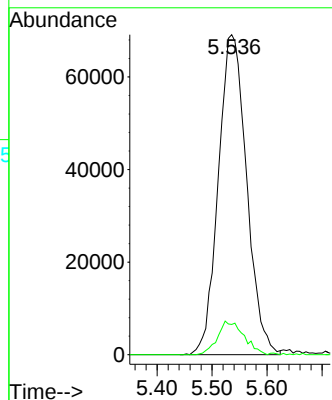
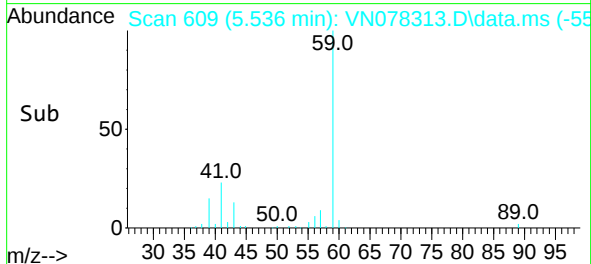
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



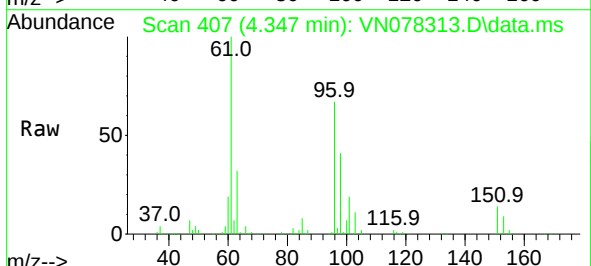
Tgt Ion: 59 Resp: 247268
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

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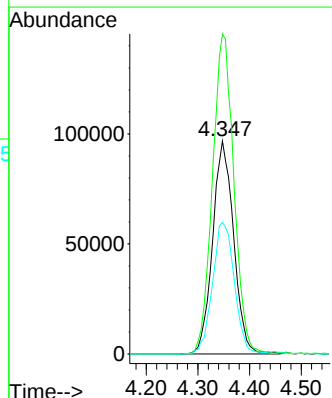
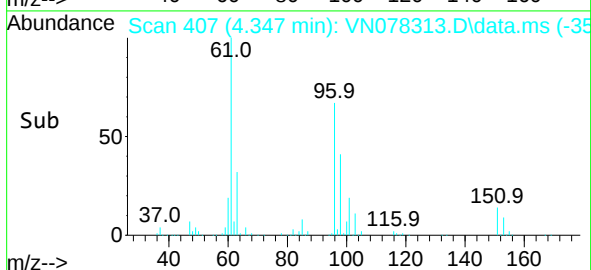
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

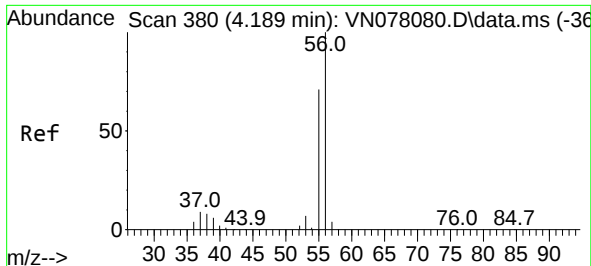


#12
1,1-Dichloroethene
Concen: 59.896 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



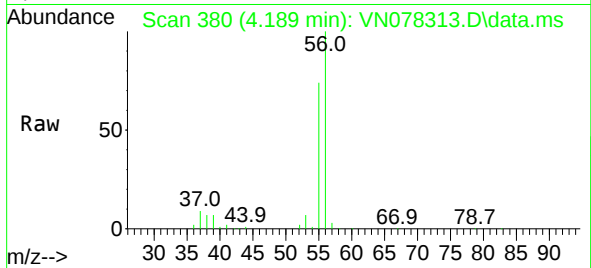
Tgt Ion: 96 Resp: 273117
Ion Ratio Lower Upper
96 100
61 150.3 112.7 169.1
98 61.8 51.2 76.8





#13
Acrolein
Concen: 352.062 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

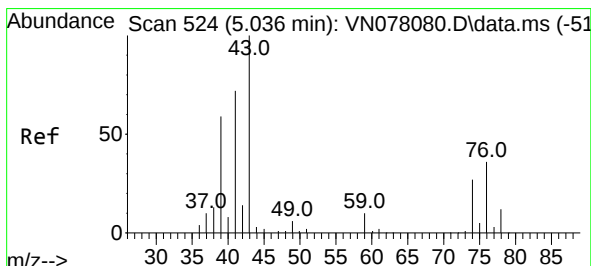
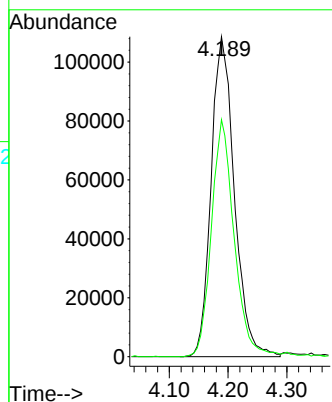
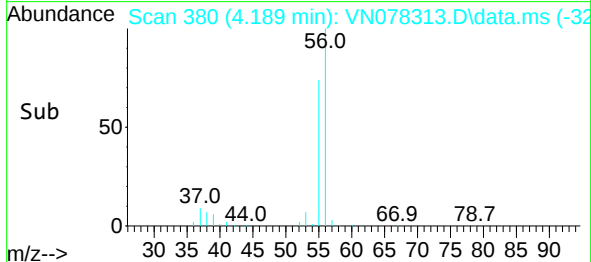
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



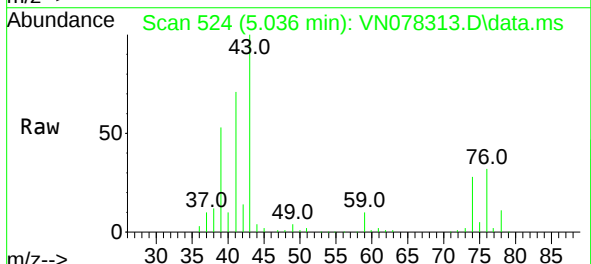
Tgt Ion: 56 Resp: 29829
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7

Manual Integrations
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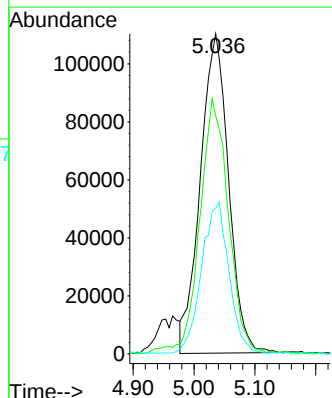
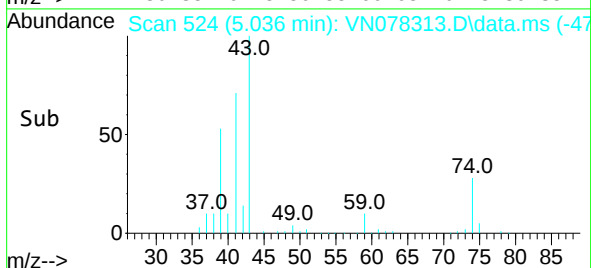
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

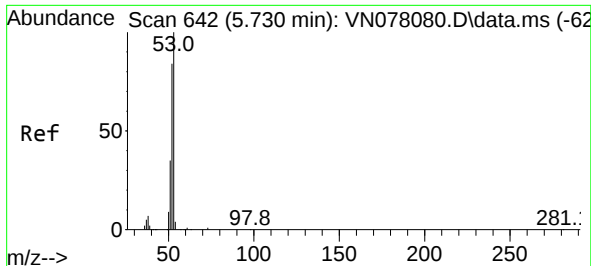


#14
Allyl chloride
Concen: 63.777 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



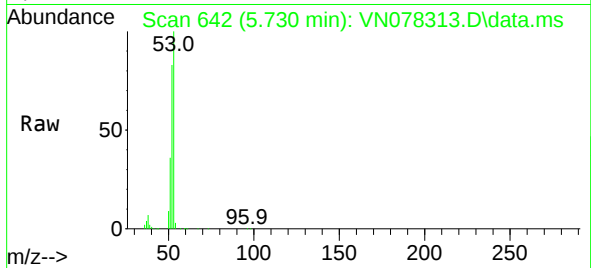
Tgt Ion: 41 Resp: 354999
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 46.0 39.1 58.7





#15
Acrylonitrile
Concen: 353.004 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

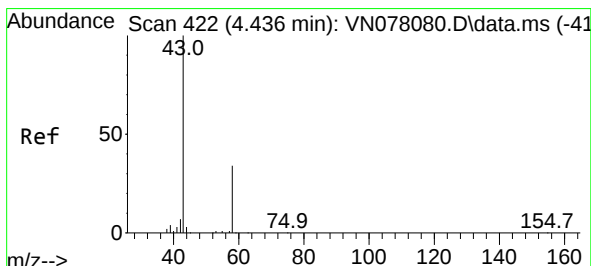
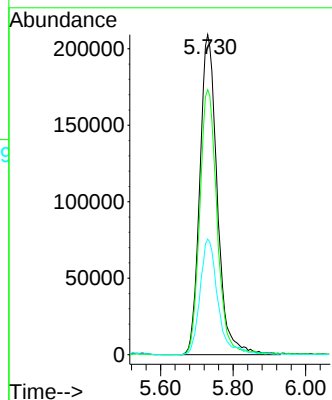
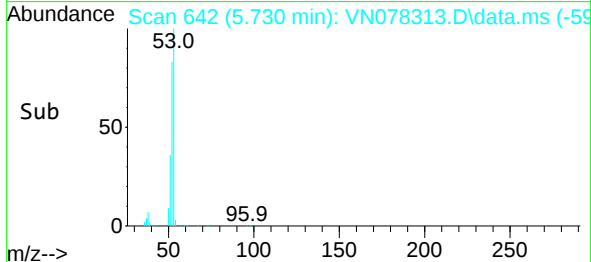
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



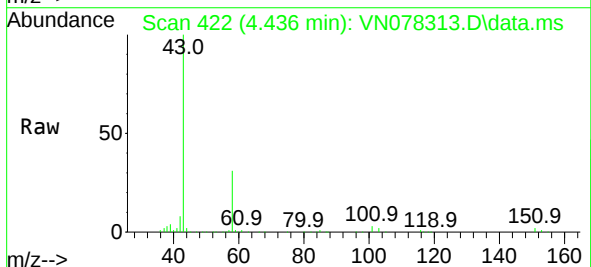
Tgt Ion: 53 Resp: 699642
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
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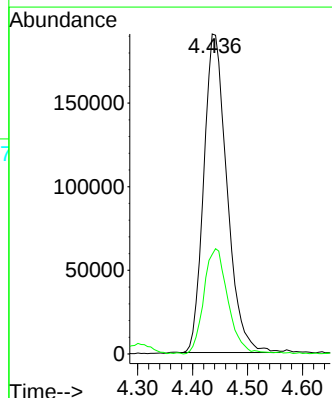
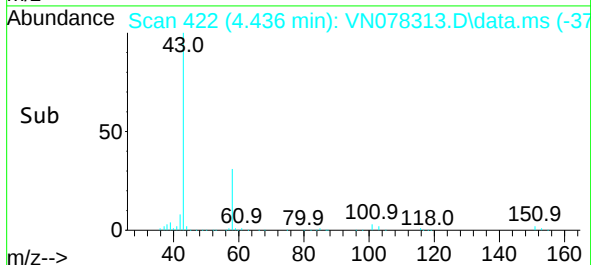
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

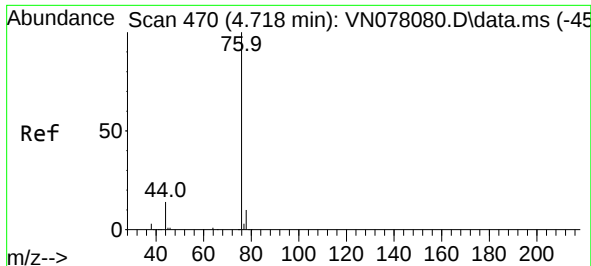


#16
Acetone
Concen: 349.759 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



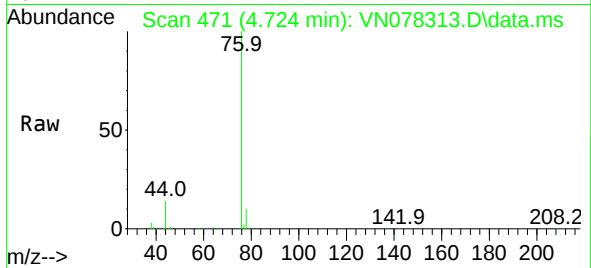
Tgt Ion: 43 Resp: 560498
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





#17
Carbon Disulfide
Concen: 52.448 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

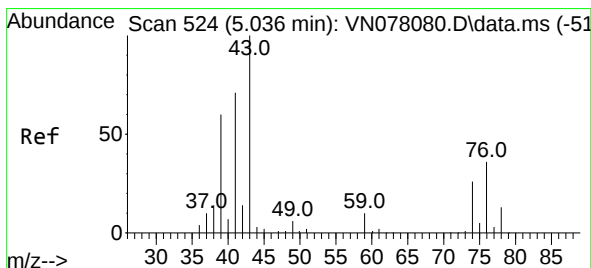
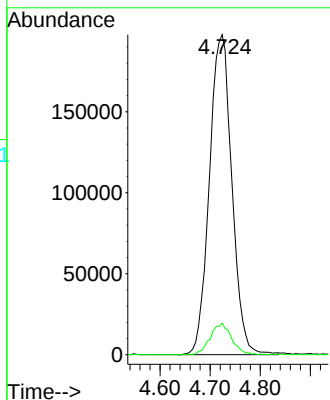
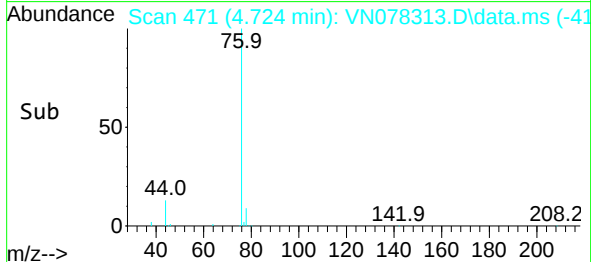
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 61556
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

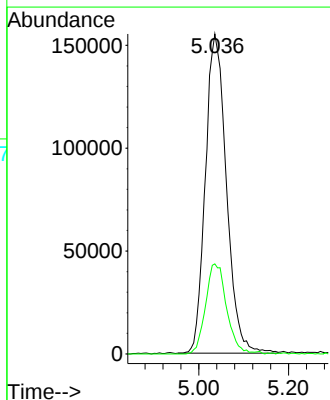
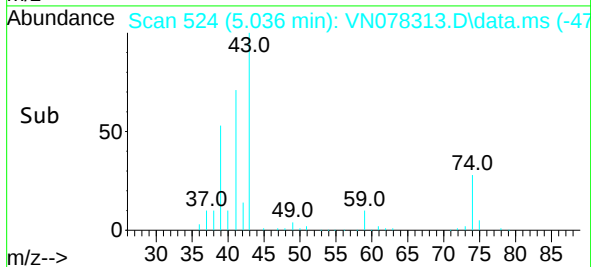
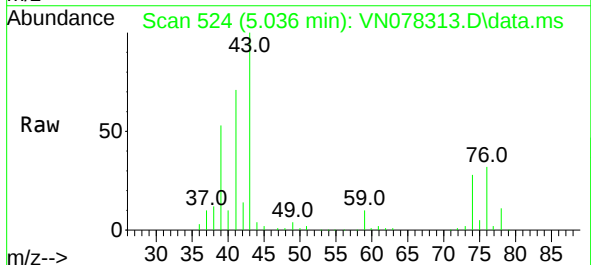
Manual Integrations
APPROVED

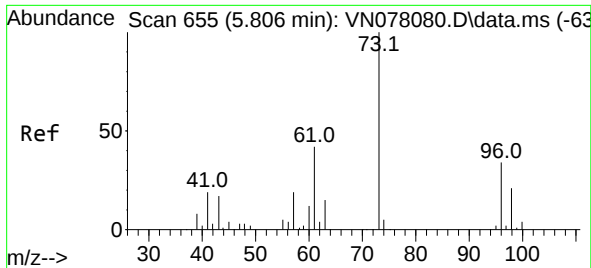
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 68.624 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

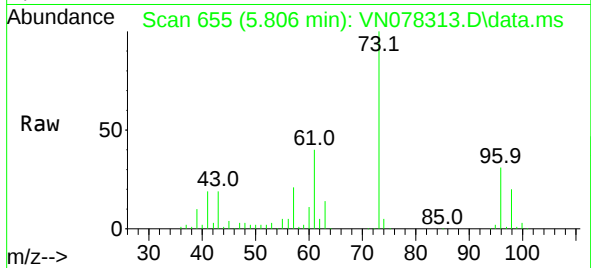
Tgt Ion: 43 Resp: 506305
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 66.535 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

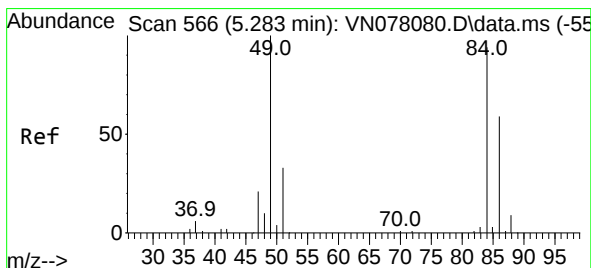
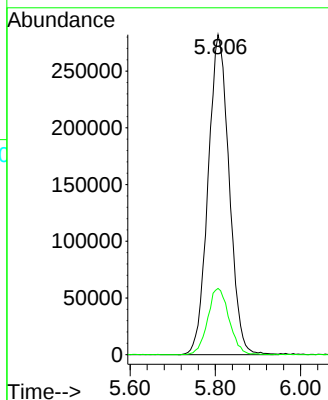
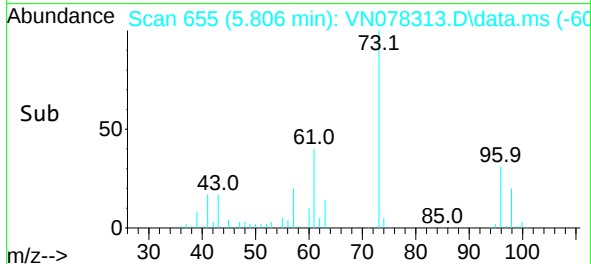
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 967988
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4

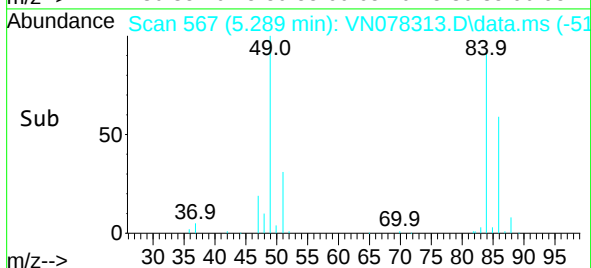
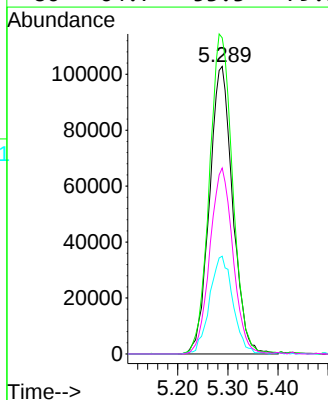
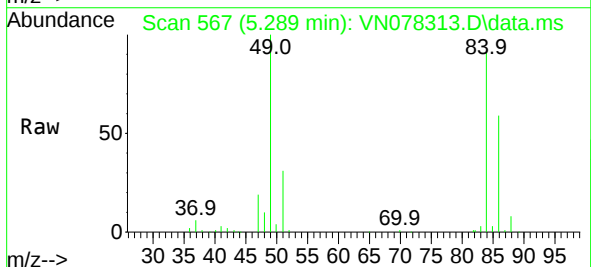
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 62.483 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

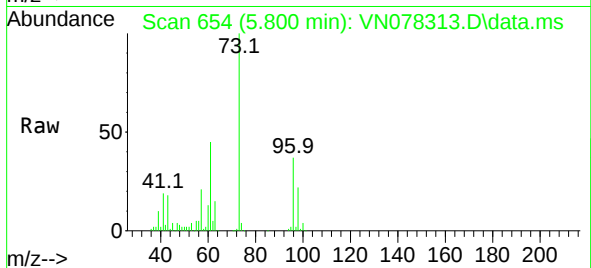
Tgt Ion: 84 Resp: 330888
Ion Ratio Lower Upper
84 100
49 110.0 79.7 119.5
51 34.0 25.2 37.8
86 64.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 60.545 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

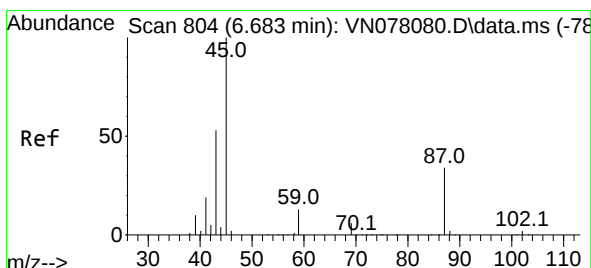
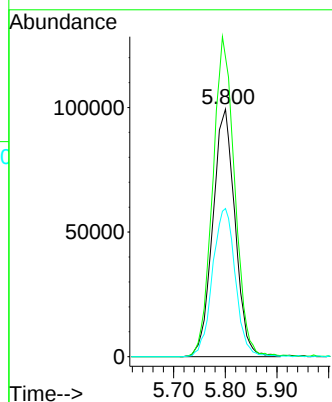
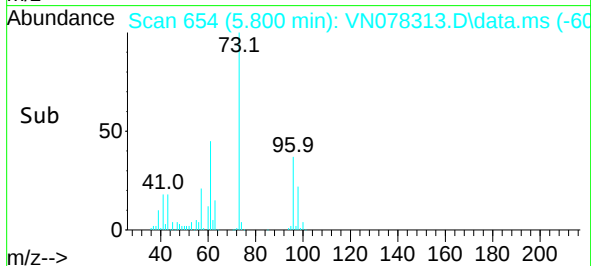
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 297768
Ion Ratio Lower Upper
96 100
61 121.1 90.1 135.1
98 59.9 46.4 69.6

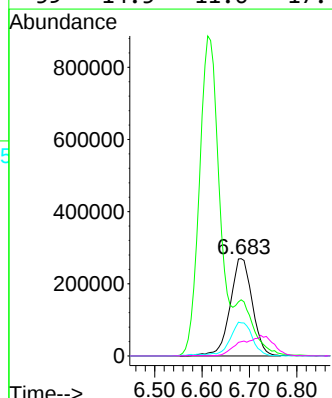
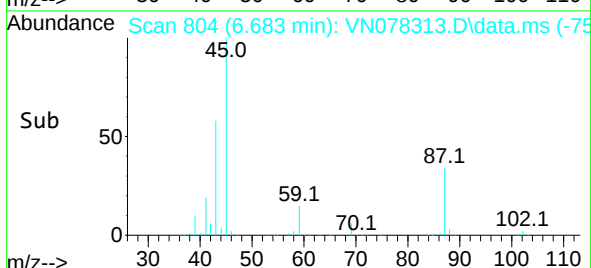
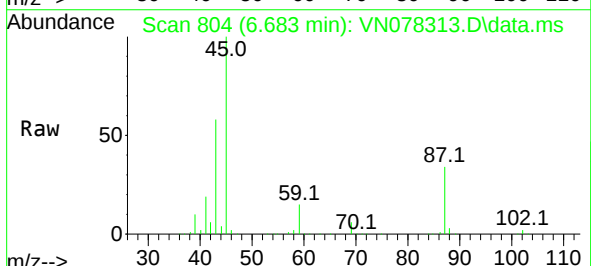
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 67.012 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

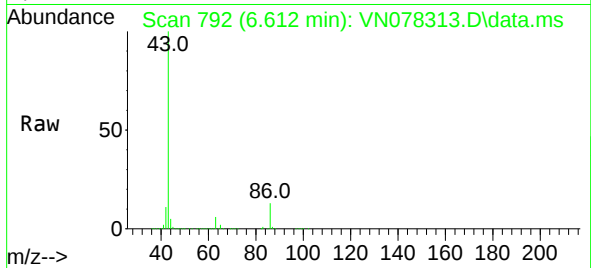
Tgt Ion: 45 Resp: 877402
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 33.9 31.8 47.8
59 14.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 333.638 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

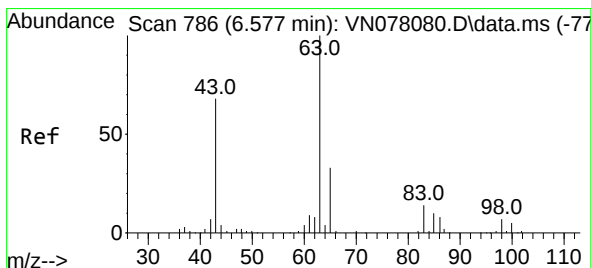
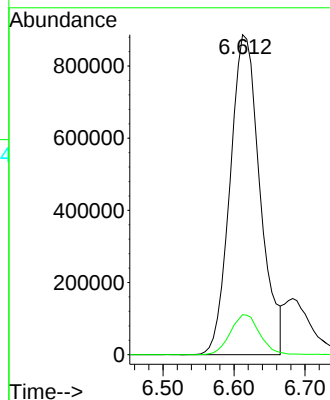
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2596738
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

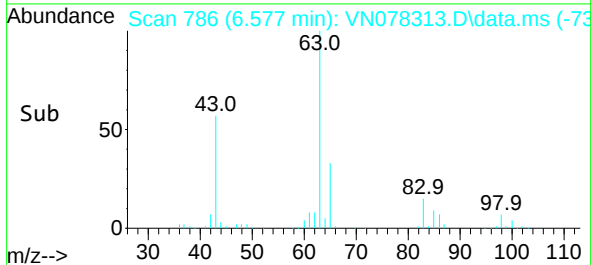
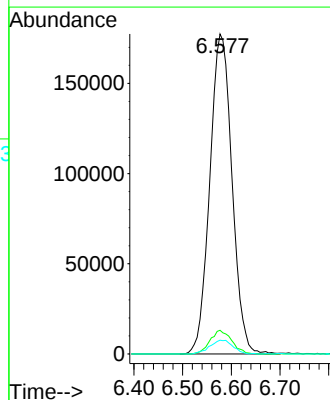
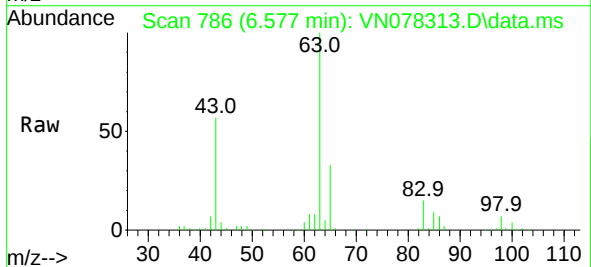
Manual Integrations
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Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 65.014 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

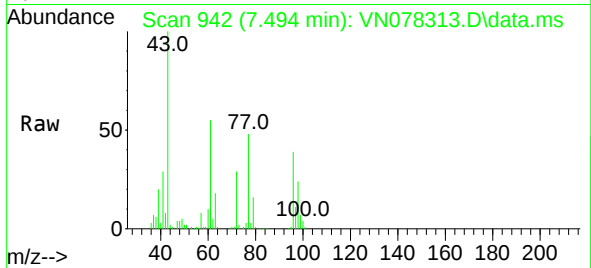
Tgt Ion: 63 Resp: 561541
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 282.455 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

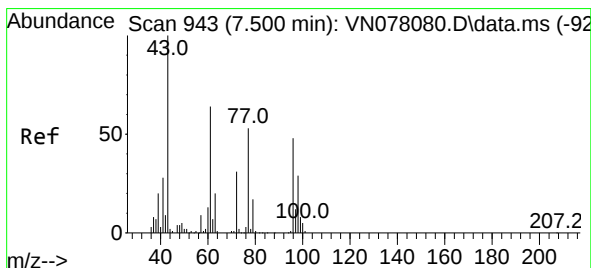
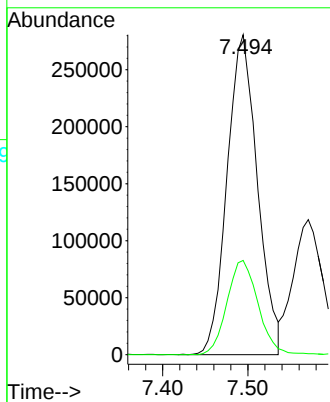
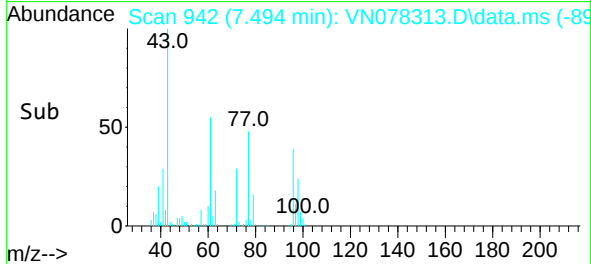
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 69606
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2

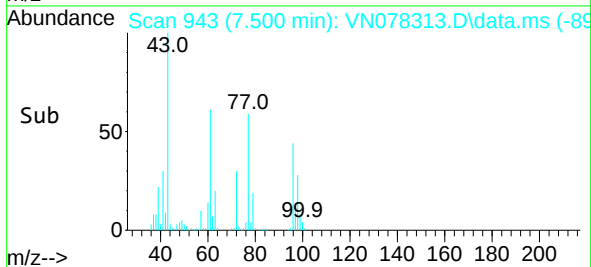
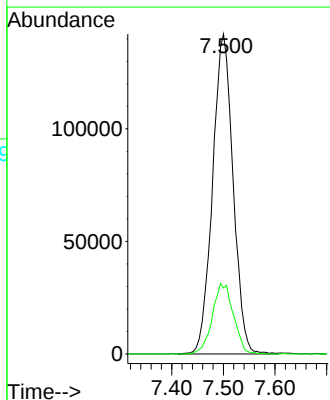
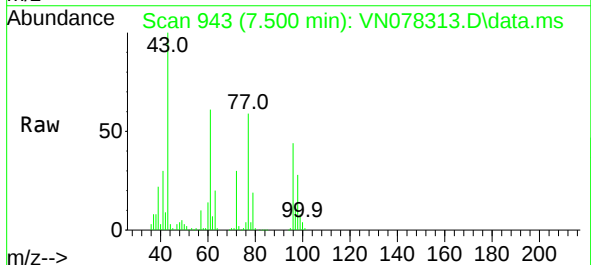
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 61.446 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

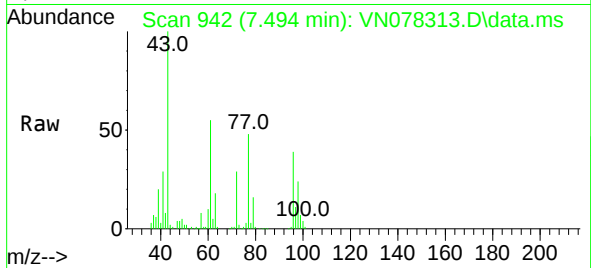
Tgt Ion: 77 Resp: 391874
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.864 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

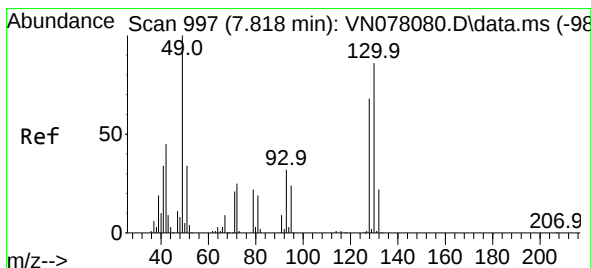
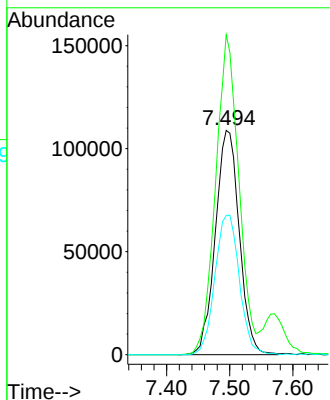
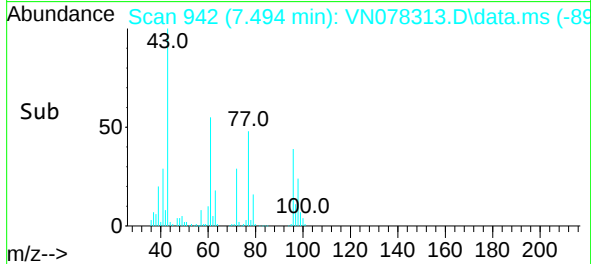
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 28665
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 255.2
 98 63.7 0.0 128.8

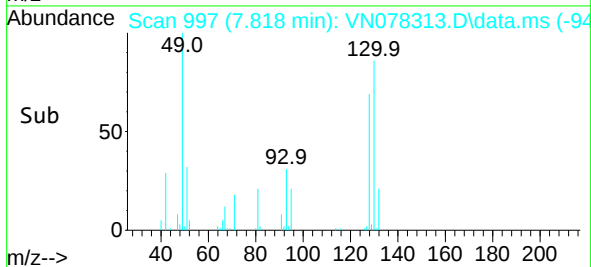
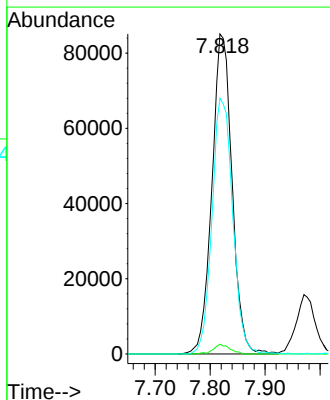
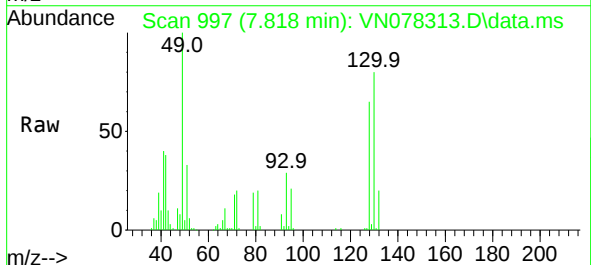
Manual Integrations
 APPROVED

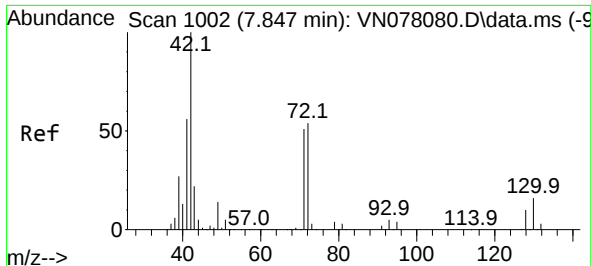
Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 54.619 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

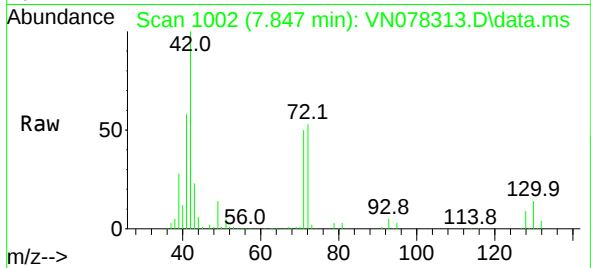
Tgt Ion: 49 Resp: 216604
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 82.3 75.3 112.9





#29
Tetrahydrofuran
Concen: 271.969 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

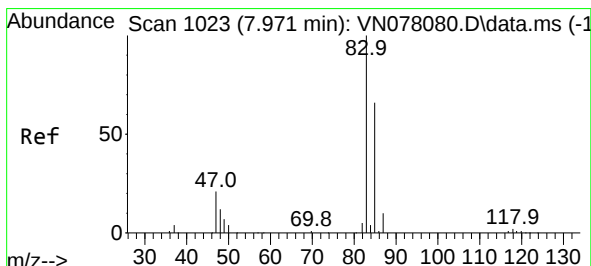
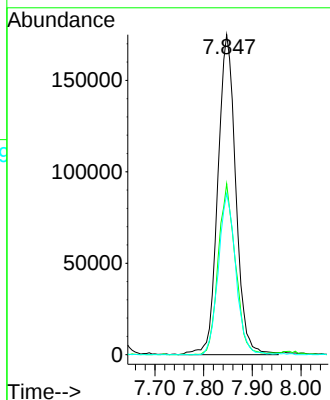
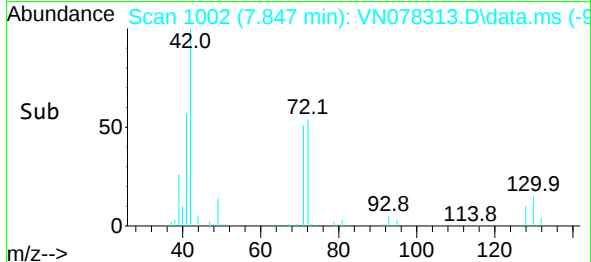
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 448049
Ion Ratio Lower Upper
42 100
72 51.2 49.8 74.6
71 48.9 47.4 71.2

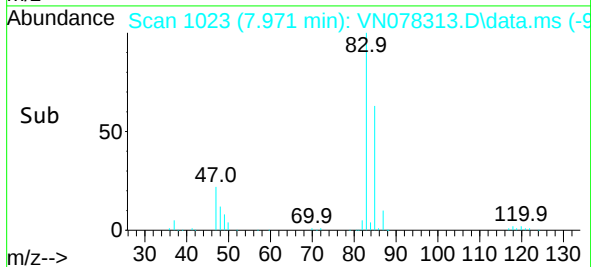
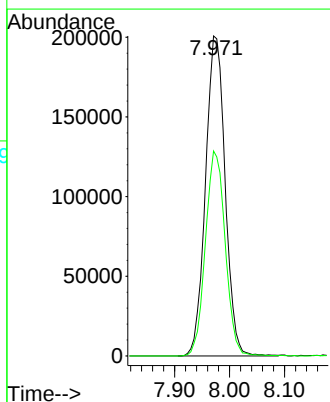
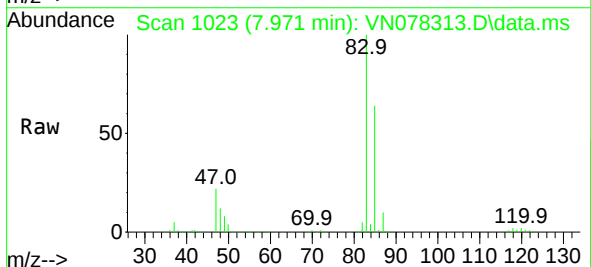
Manual Integrations
APPROVED

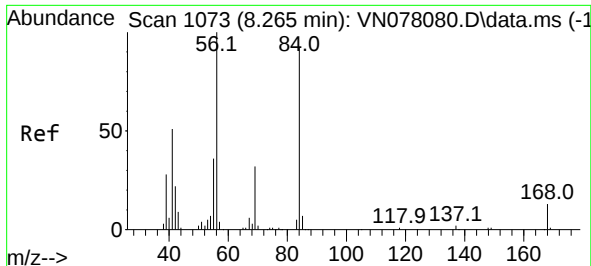
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#30
Chloroform
Concen: 53.606 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

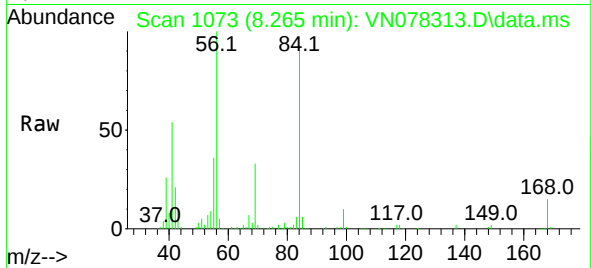
Tgt Ion: 83 Resp: 498577
Ion Ratio Lower Upper
83 100
85 64.0 55.4 83.0





#31
Cyclohexane
Concen: 42.831 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

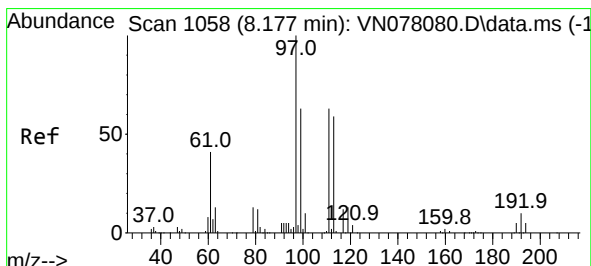
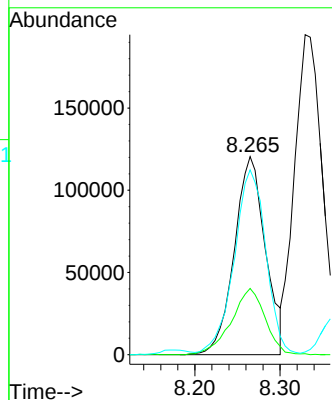
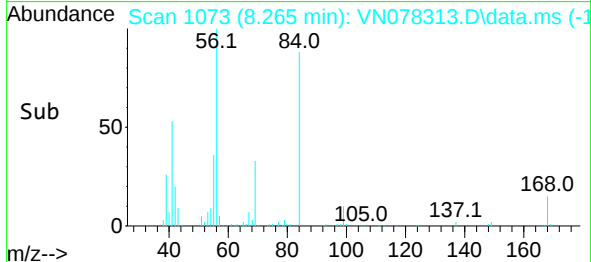
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



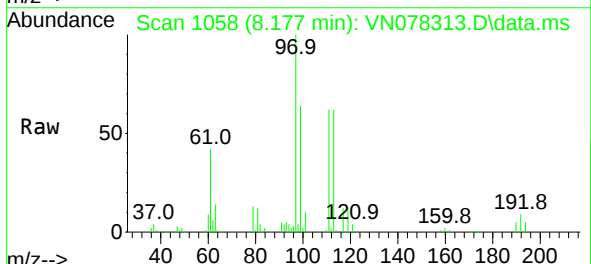
Tgt Ion: 56 Resp: 30589
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 91.0 81.8 122.6

Manual Integrations
APPROVED

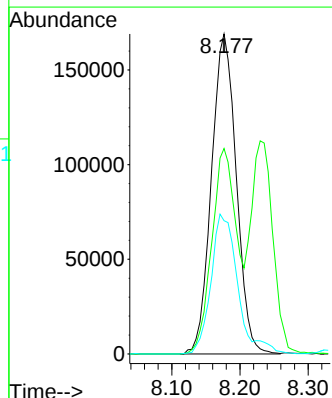
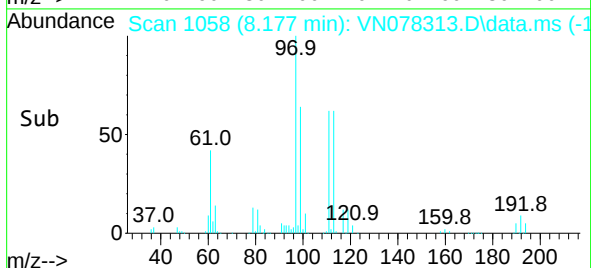
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

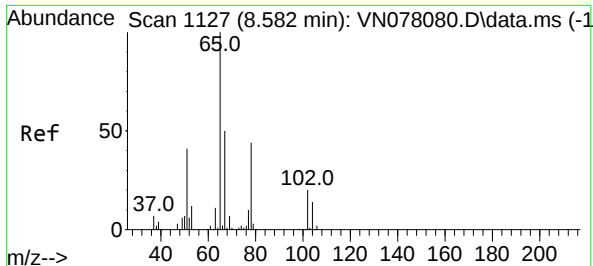


#32
1,1,1-Trichloroethane
Concen: 52.520 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion: 97 Resp: 428843
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 47.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.858 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 288720

Ion Ratio Lower Upper

65 100

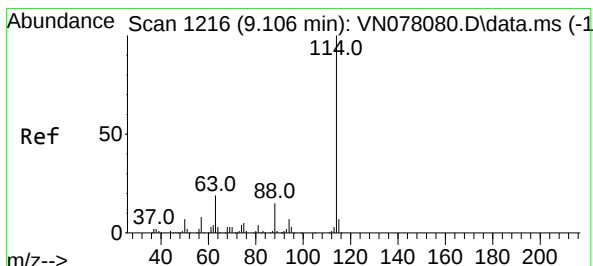
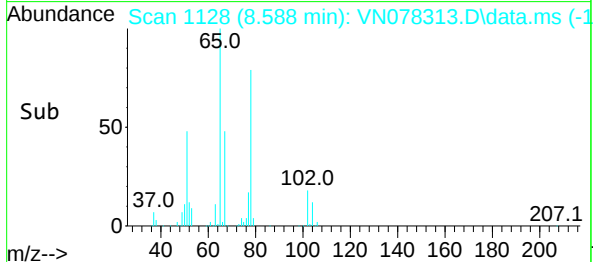
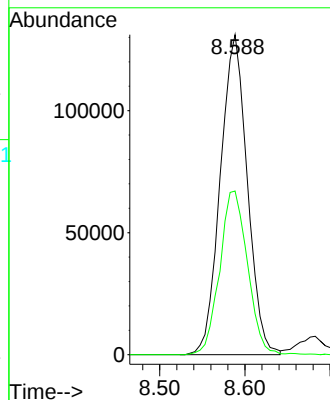
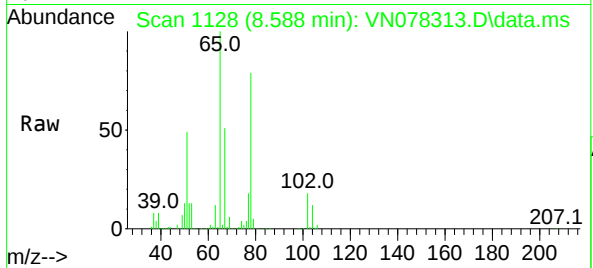
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

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: VN078313.D

Acq: 20 Jun 2023 16:54

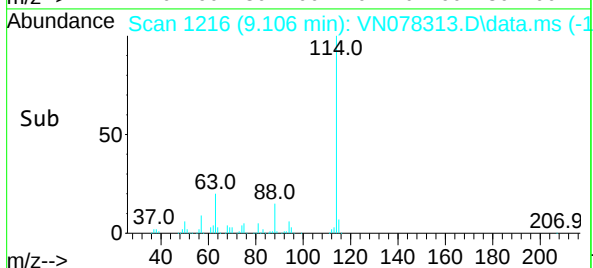
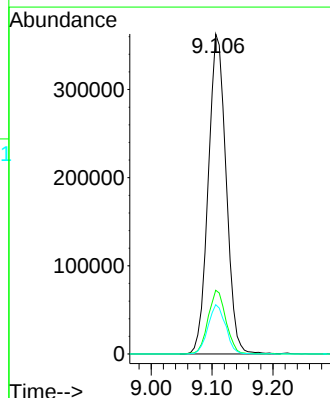
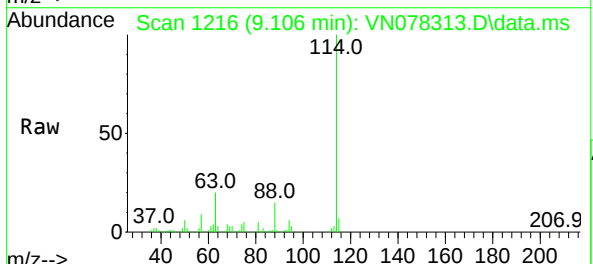
Tgt Ion:114 Resp: 739171

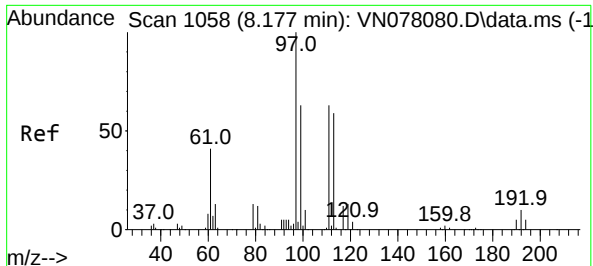
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.262 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 24425

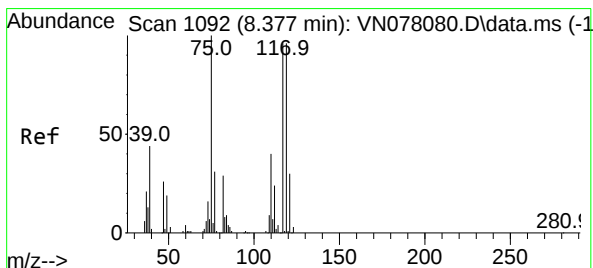
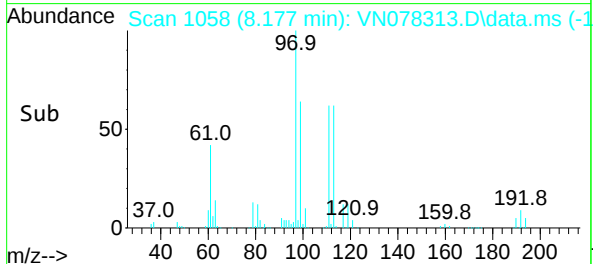
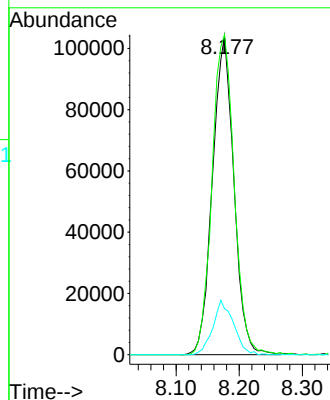
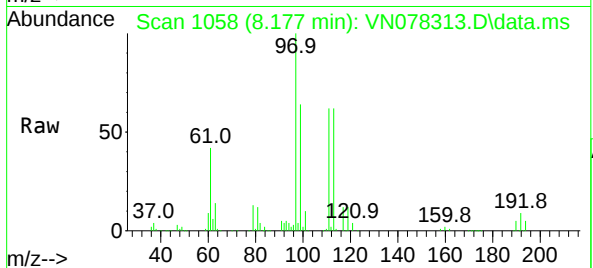
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#36

1,1-Dichloropropene

Concen: 51.307 ug/l

RT: 8.382 min Scan# 1093

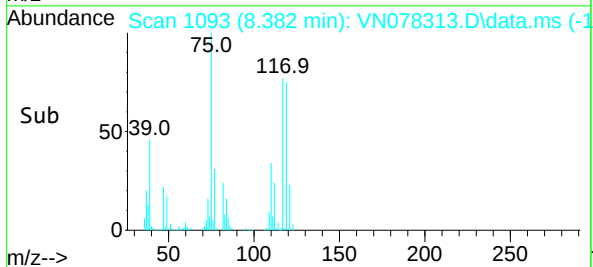
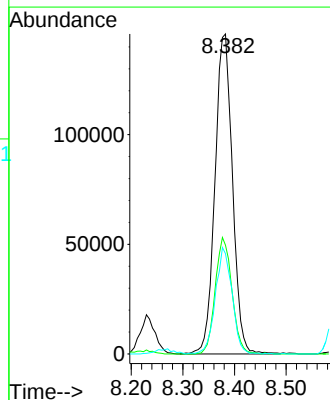
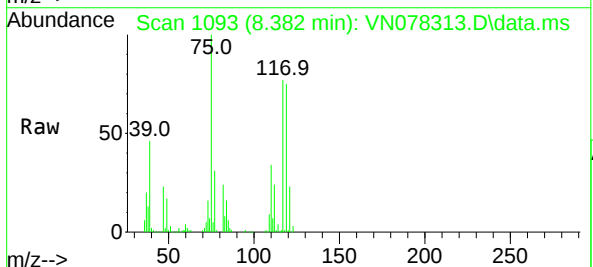
Delta R.T. 0.006 min

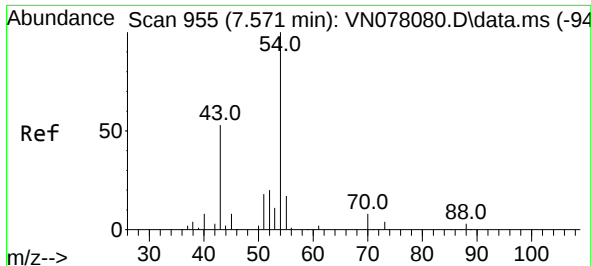
Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

Tgt Ion: 75 Resp: 343954

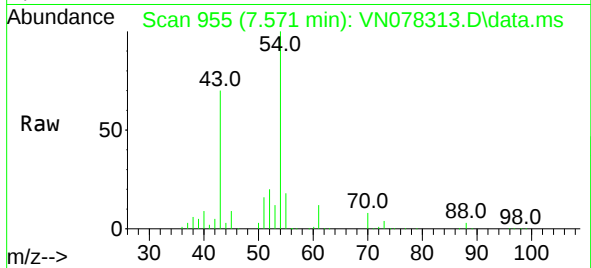
Ion	Ratio	Lower	Upper
75	100		
110	34.8	19.1	57.3
77	31.6	25.0	37.4





#37
Ethyl Acetate
Concen: 56.759 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

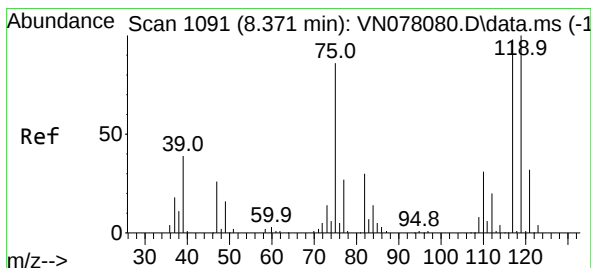
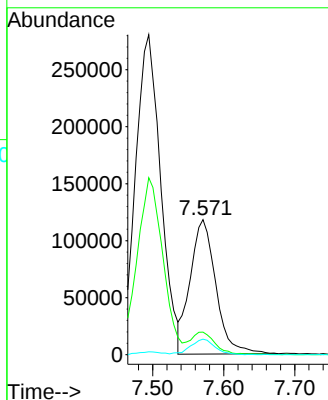
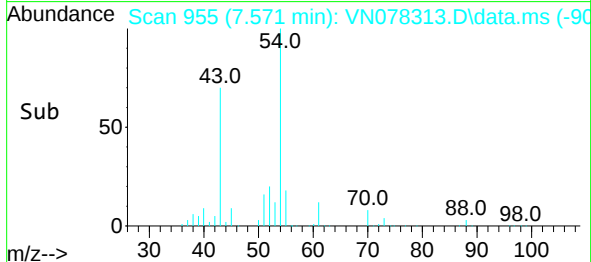
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



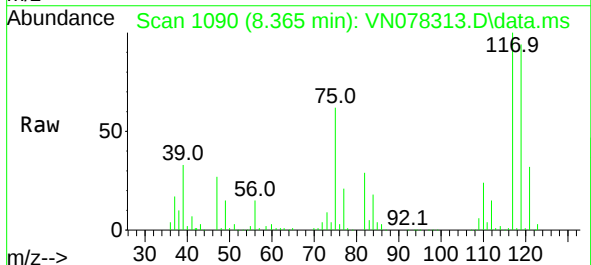
Tgt Ion: 43 Resp: 29724
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 10.9 11.3 16.9

Manual Integrations
APPROVED

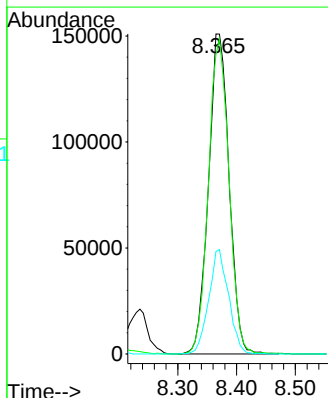
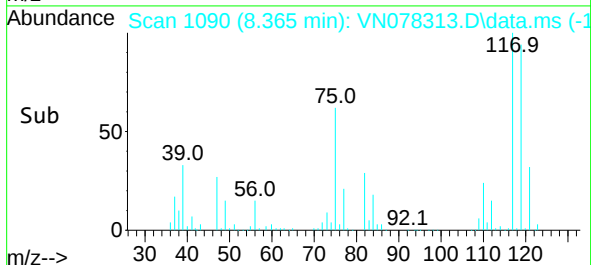
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

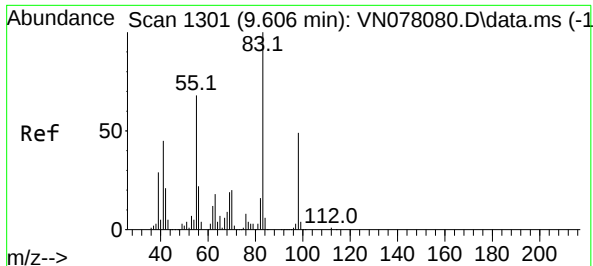


#38
Carbon Tetrachloride
Concen: 52.005 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion:117 Resp: 368122
Ion Ratio Lower Upper
117 100
119 93.6 77.3 115.9
121 32.0 23.3 34.9





#39

Methylcyclohexane

Concen: 39.279 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 272889

Ion Ratio Lower Upper

83 100

55 70.7 49.1 73.7

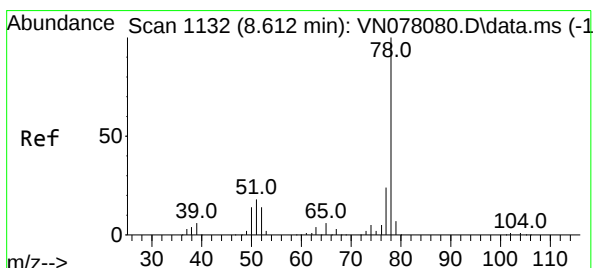
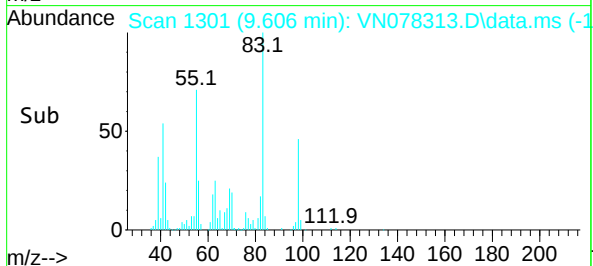
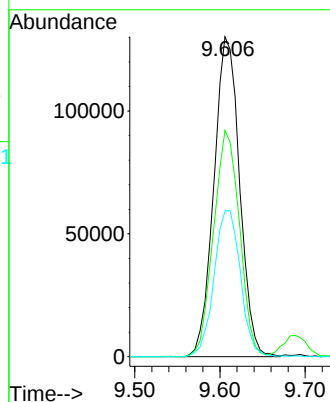
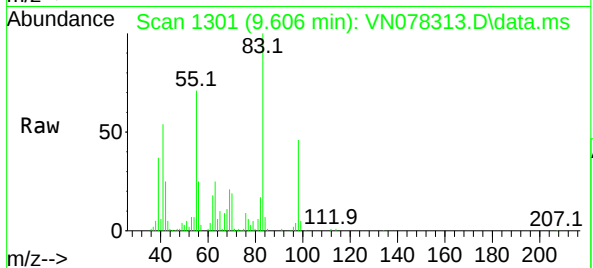
98 45.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 52.164 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078313.D

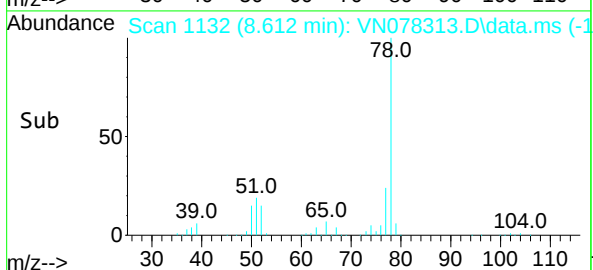
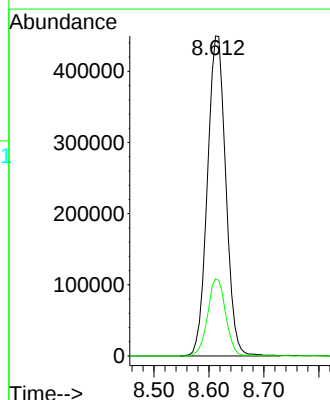
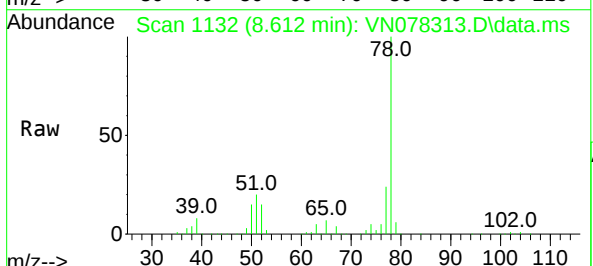
Acq: 20 Jun 2023 16:54

Tgt Ion: 78 Resp: 1043997

Ion Ratio Lower Upper

78 100

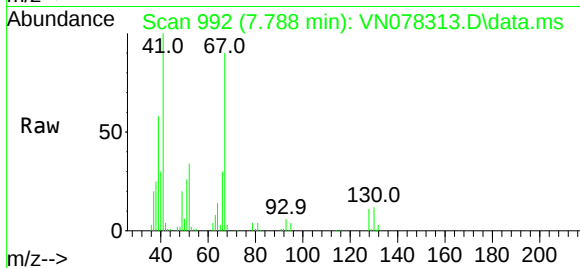
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 53.710 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

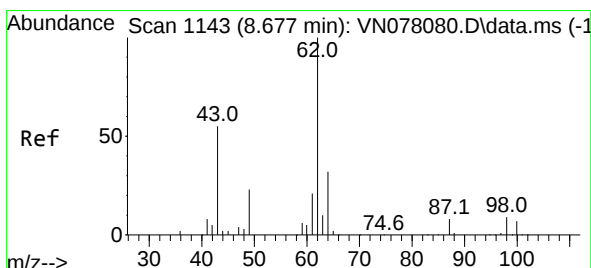
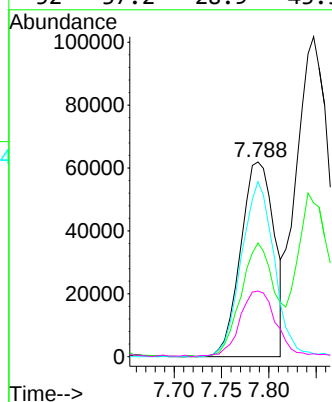
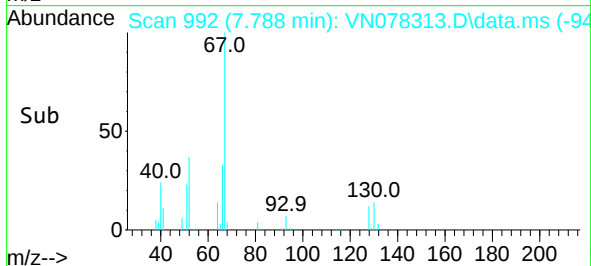
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 152464
Ion Ratio Lower Upper
41 100
39 60.3 42.6 64.0
67 88.7 77.5 116.3
52 37.2 28.9 43.3

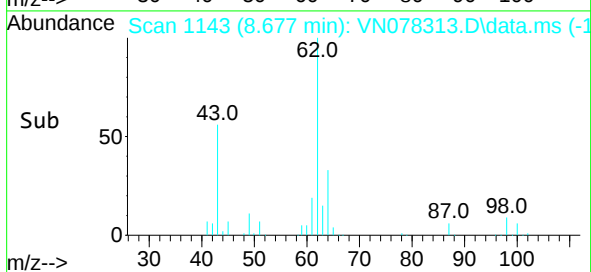
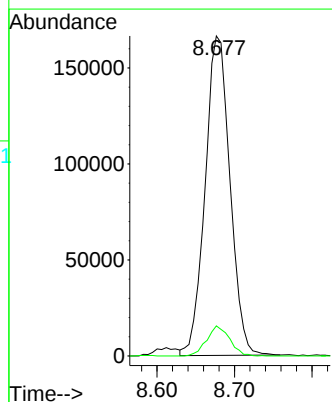
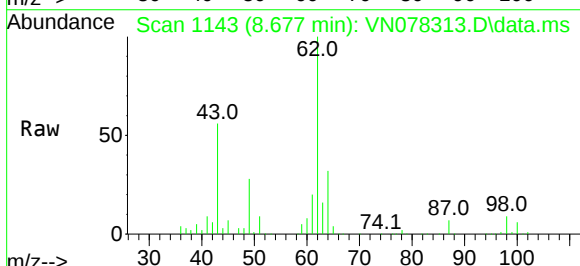
Manual Integrations
APPROVED

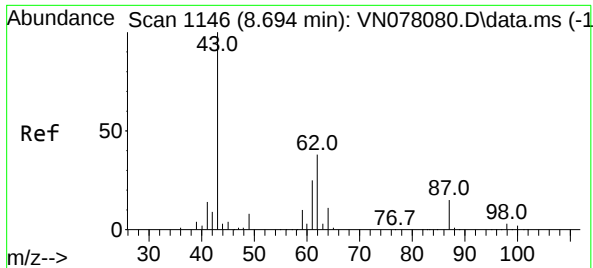
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 54.016 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

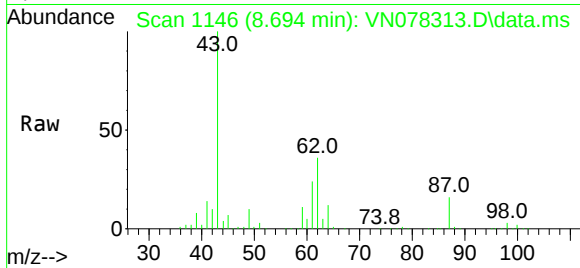
Tgt Ion: 62 Resp: 370663
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 58.201 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

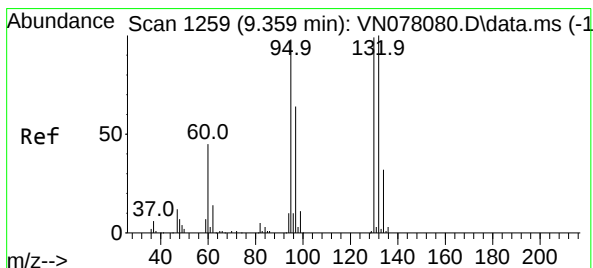
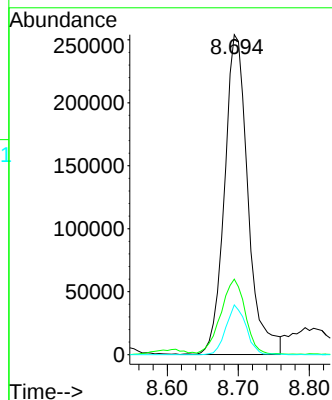
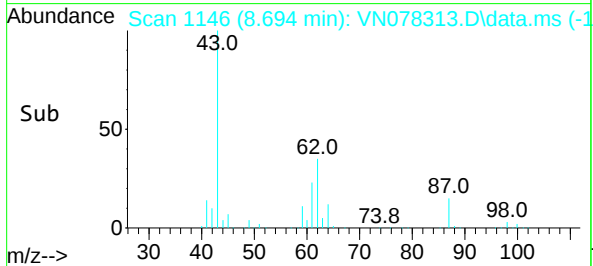
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 582920
Ion Ratio Lower Upper
43 100
61 24.6 24.7 37.1
87 13.3 14.6 21.8

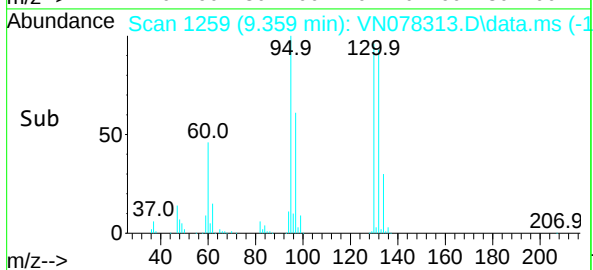
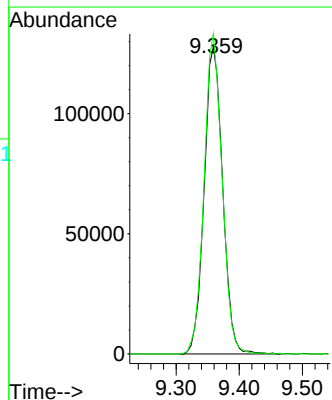
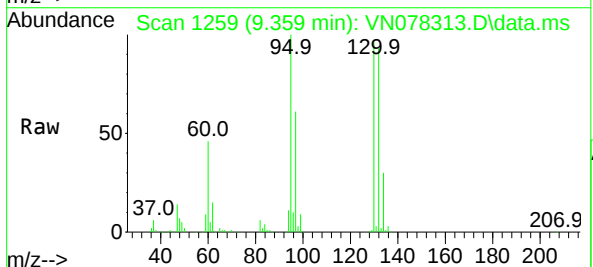
Manual Integrations
APPROVED

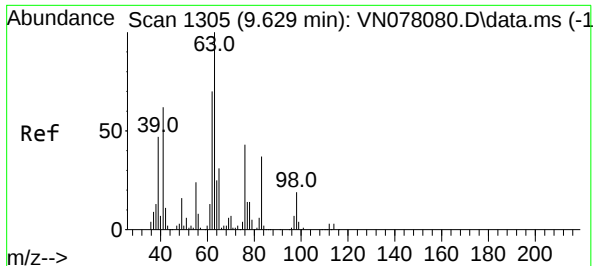
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 49.182 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

Tgt Ion:130 Resp: 259948
Ion Ratio Lower Upper
130 100
95 104.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.011 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 26894

Ion Ratio Lower Upper

63 100

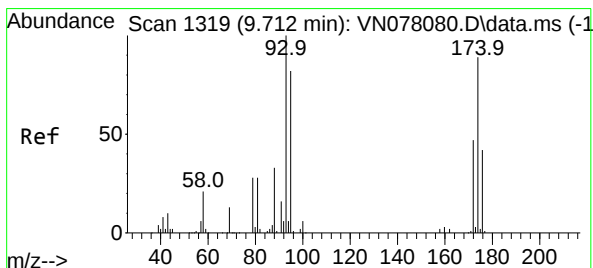
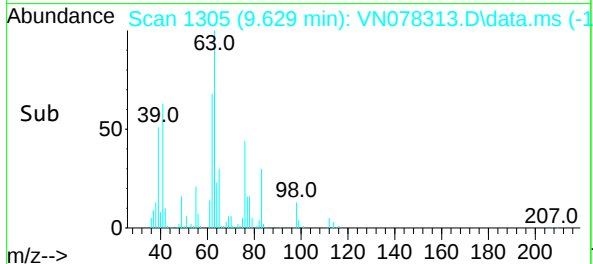
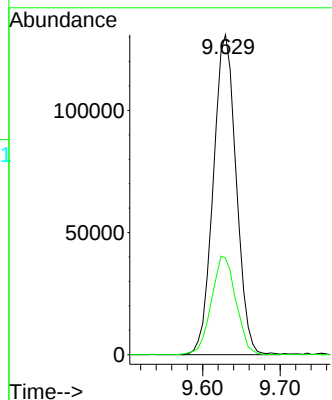
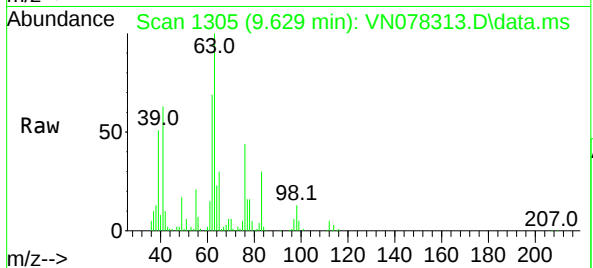
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 52.975 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078313.D

Acq: 20 Jun 2023 16:54

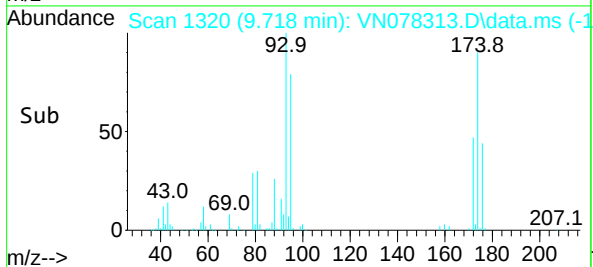
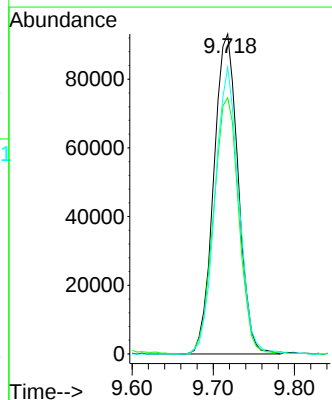
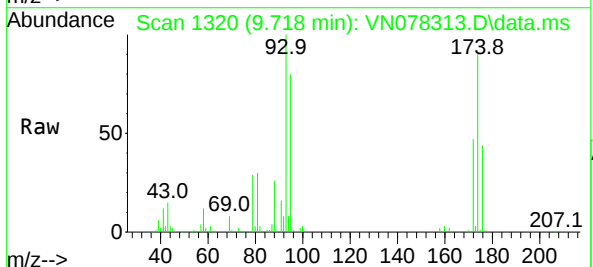
Tgt Ion: 93 Resp: 194295

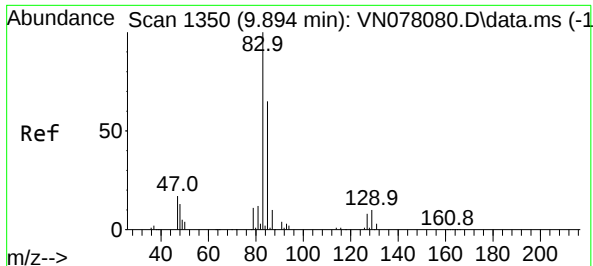
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

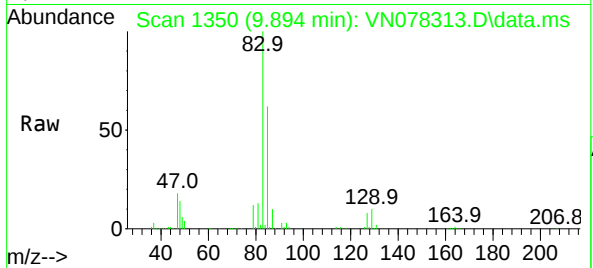
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 58.268 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

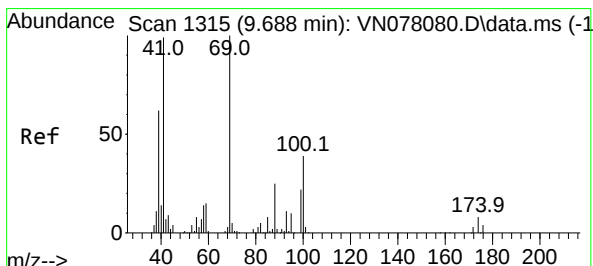
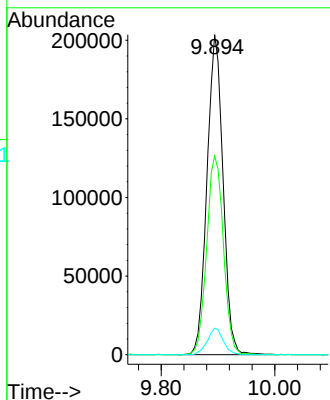
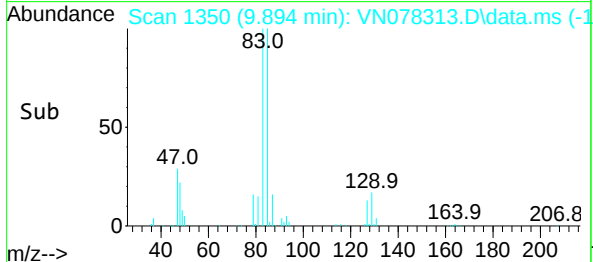
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 396972
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 8.3 7.0 10.6

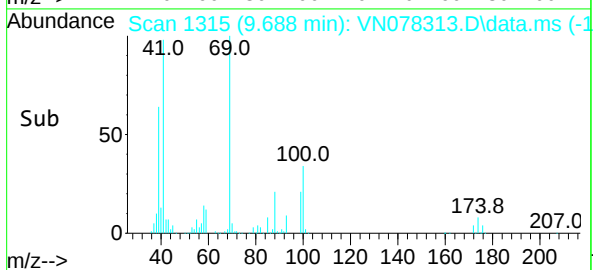
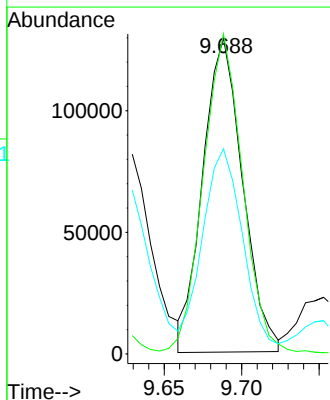
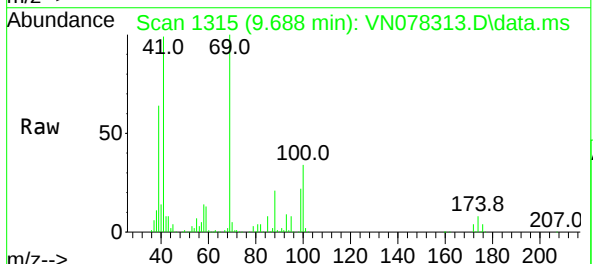
Manual Integrations
APPROVED

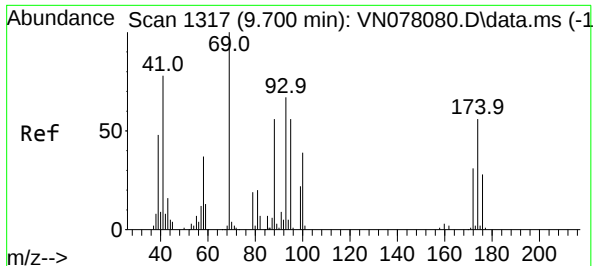
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 54.901 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

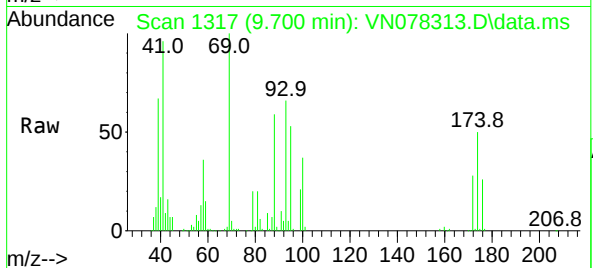
Tgt Ion: 41 Resp: 230754
Ion Ratio Lower Upper
41 100
69 101.9 90.4 135.6
39 66.8 54.6 81.8





#49
1,4-Dioxane
Concen: 1064.205 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

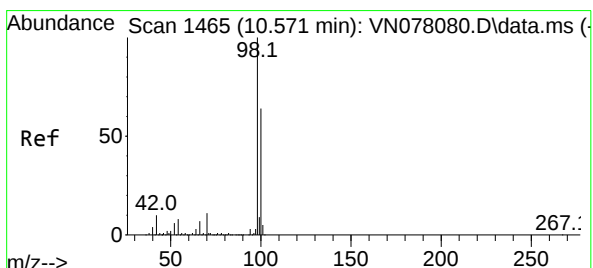
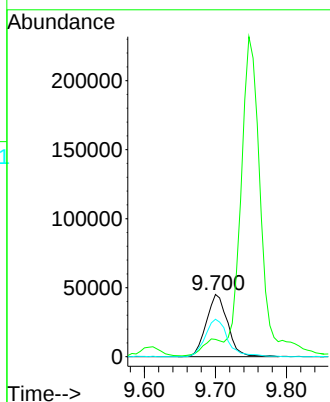
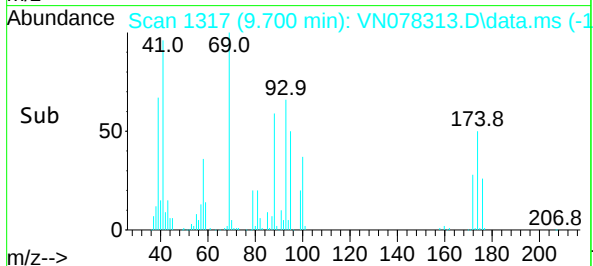
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



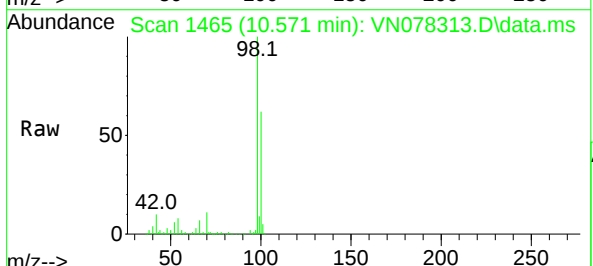
Tgt Ion: 88 Resp: 94012
Ion Ratio Lower Upper
88 100
43 25.8 17.0 25.6
58 63.9 47.0 70.4

Manual Integrations
APPROVED

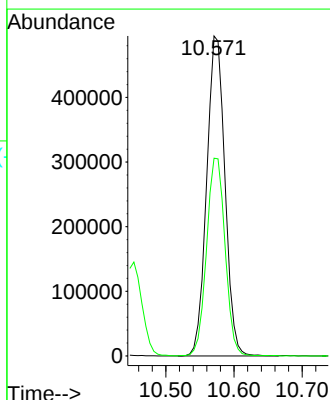
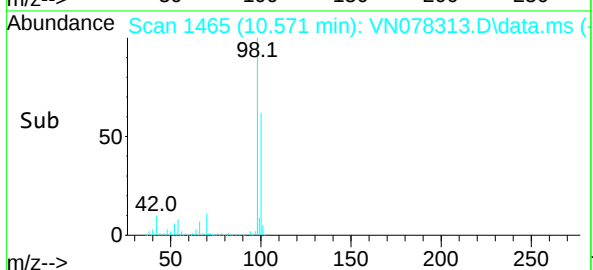
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

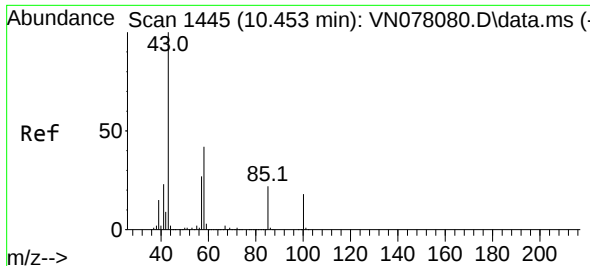


#50
Toluene-d8
Concen: 51.246 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



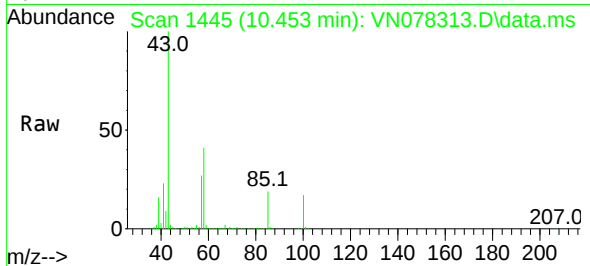
Tgt Ion: 98 Resp: 923324
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 296.671 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

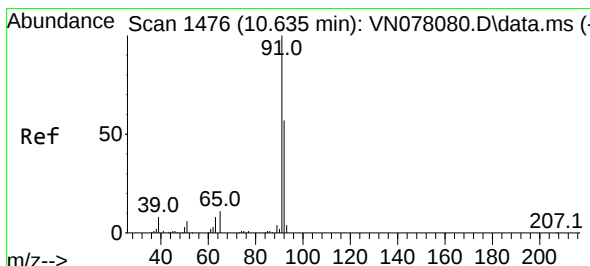
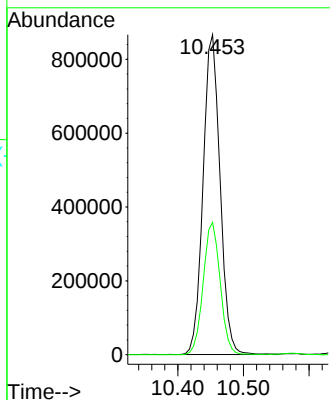
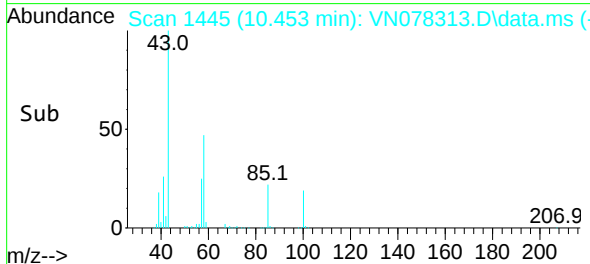
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



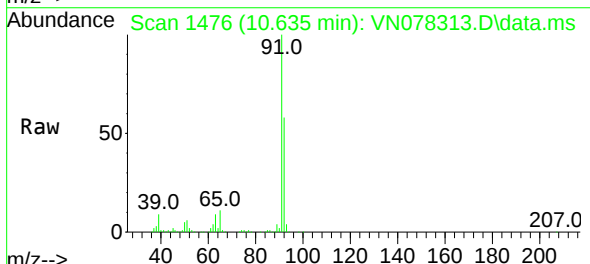
Tgt Ion: 43 Resp: 1564674
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

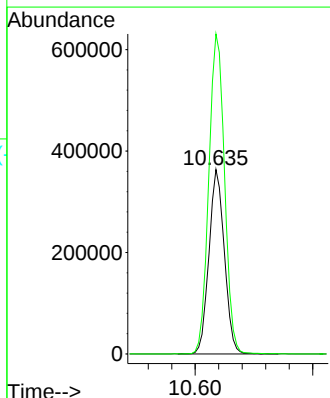
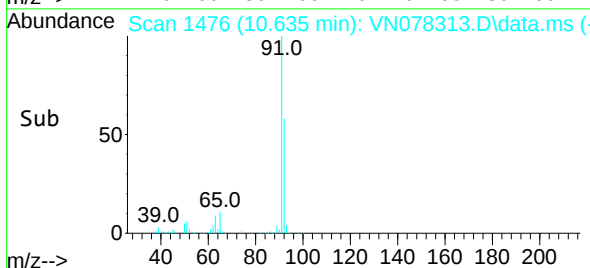
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

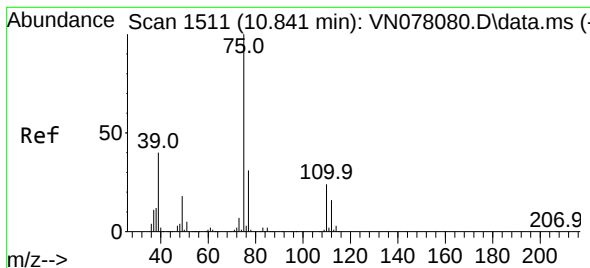


#52
Toluene
Concen: 52.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



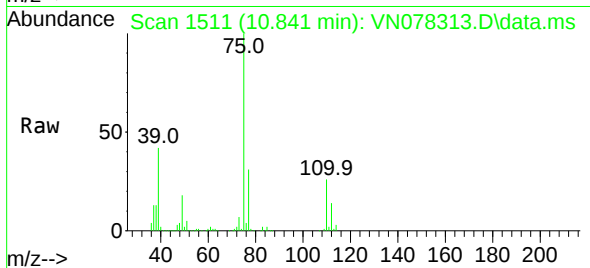
Tgt Ion: 92 Resp: 662258
Ion Ratio Lower Upper
92 100
91 177.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 58.794 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

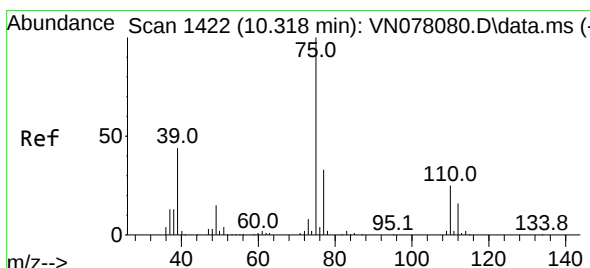
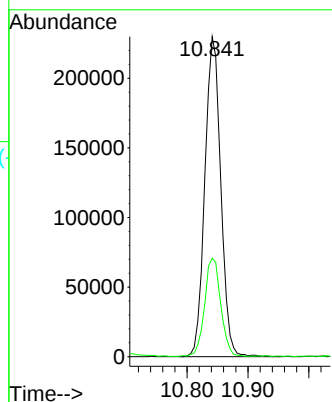
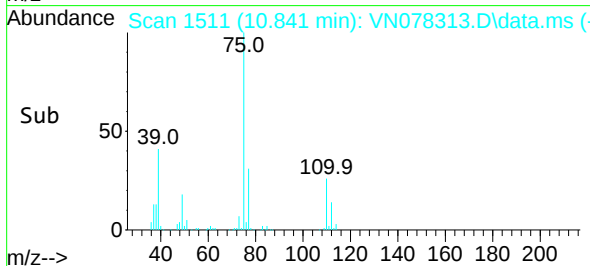
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



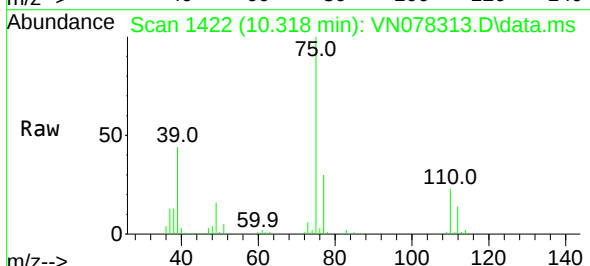
Tgt Ion: 75 Resp: 41715
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations
APPROVED

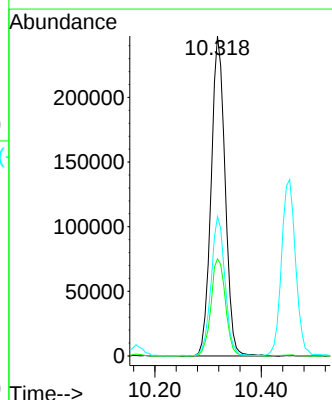
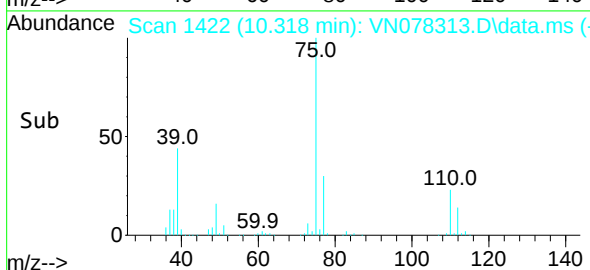
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

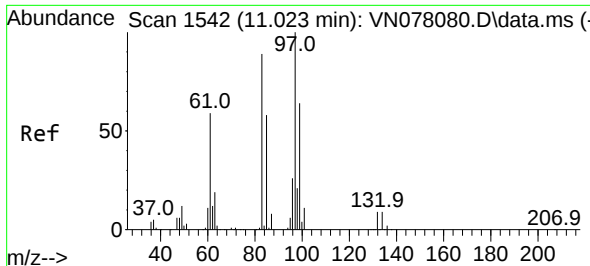


#54
cis-1,3-Dichloropropene
Concen: 57.658 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



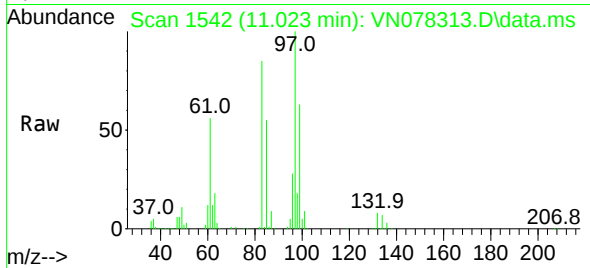
Tgt Ion: 75 Resp: 452221
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 43.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 57.326 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

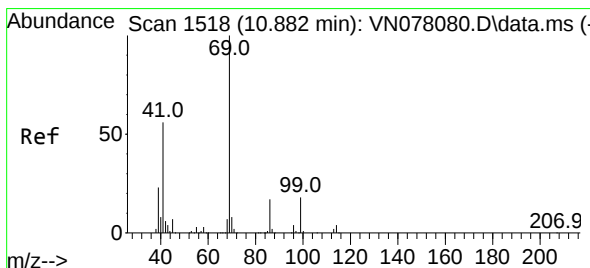
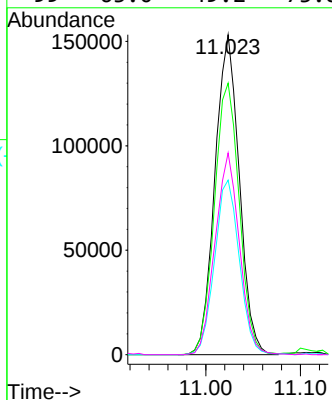
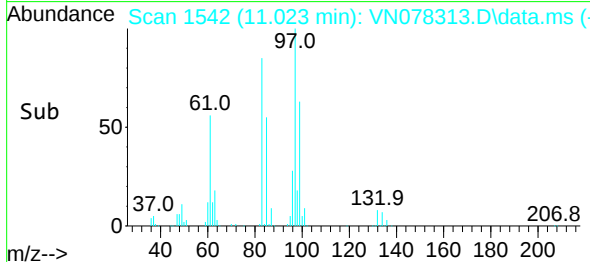
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



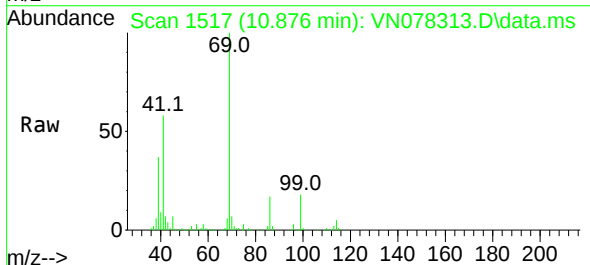
Tgt Ion: 97 Resp: 274025
Ion Ratio Lower Upper
97 100
83 84.8 65.1 97.7
85 54.6 43.4 65.2
99 63.0 49.2 73.8

Manual Integrations
APPROVED

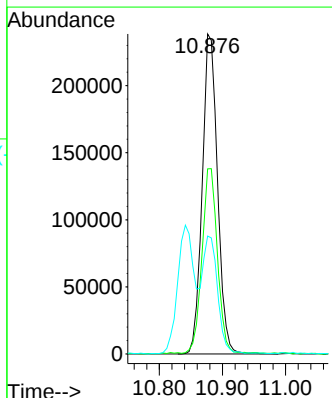
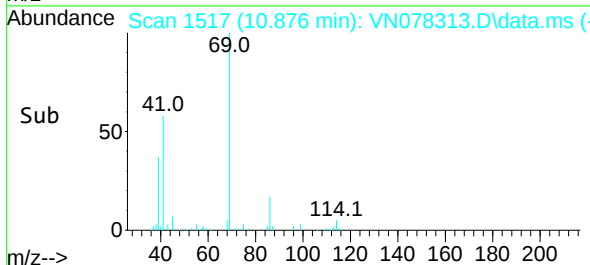
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 57.691 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



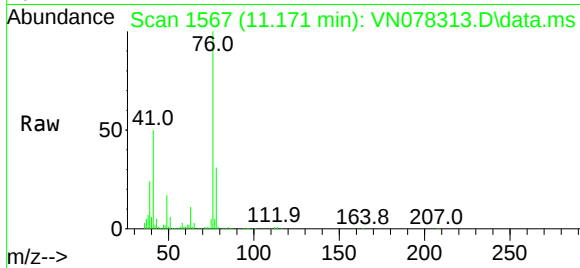
Tgt Ion: 69 Resp: 401542
Ion Ratio Lower Upper
69 100
41 58.3 39.6 59.4
39 38.2 28.6 43.0





#57
1,3-Dichloropropane
Concen: 57.147 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

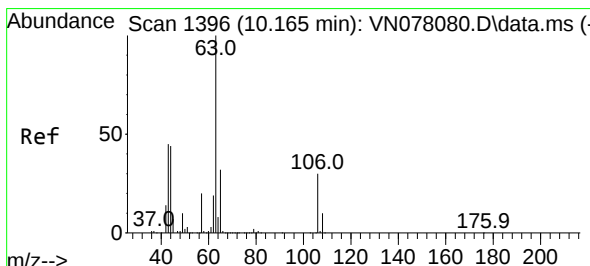
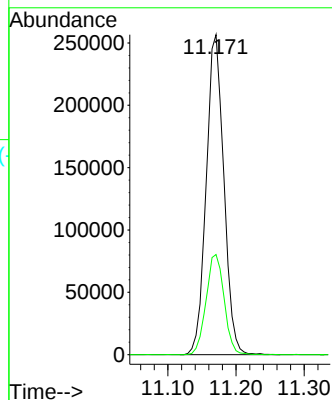
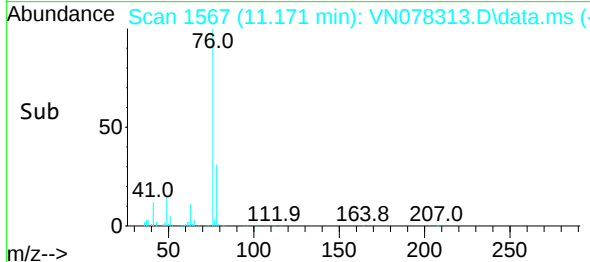
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 461102
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

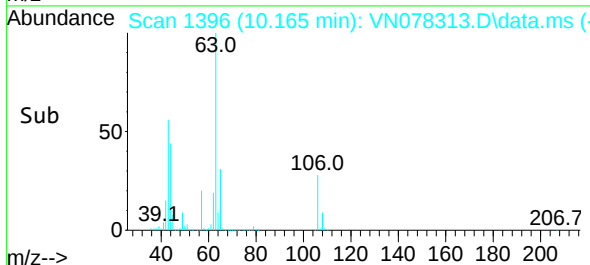
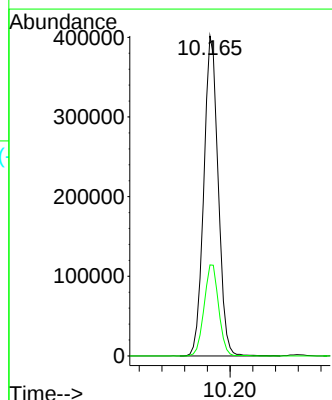
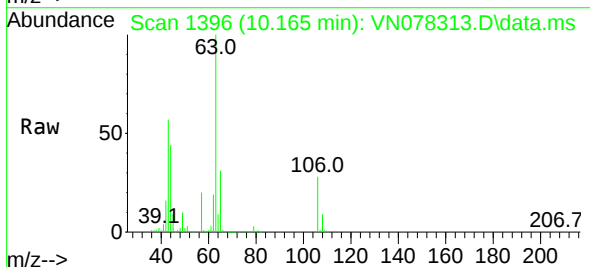
Manual Integrations
APPROVED

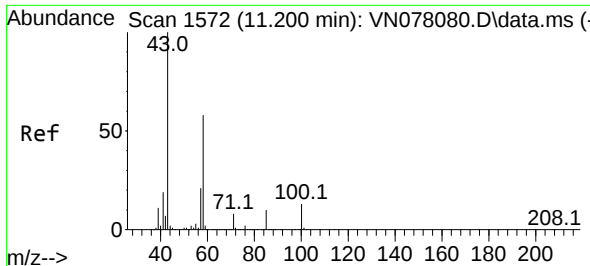
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 250.359 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

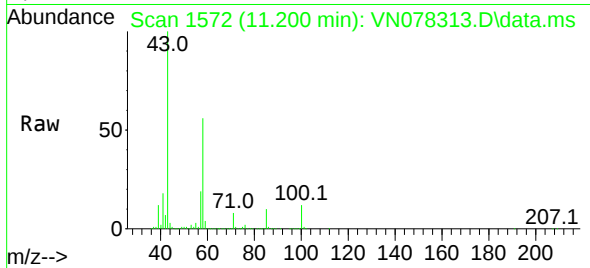
Tgt Ion: 63 Resp: 703941
Ion Ratio Lower Upper
63 100
106 28.9 26.2 39.4





#59
2-Hexanone
Concen: 301.795 ug/l
RT: 11.200 min Scan# 110828
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

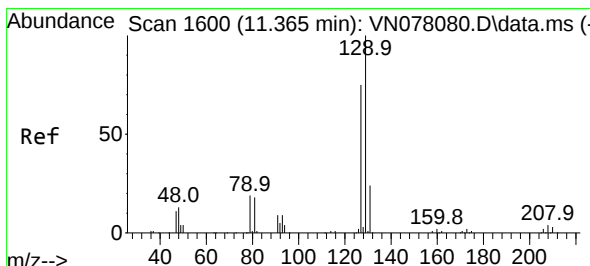
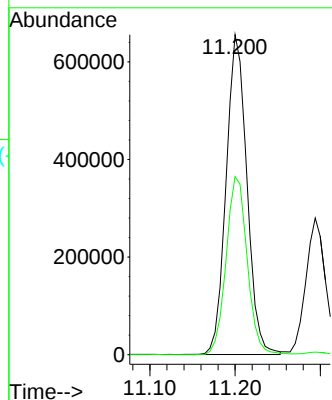
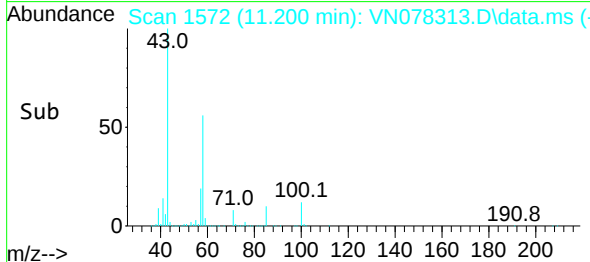
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 110828
Ion Ratio Lower Upper
43 100
58 56.7 31.7 95.1

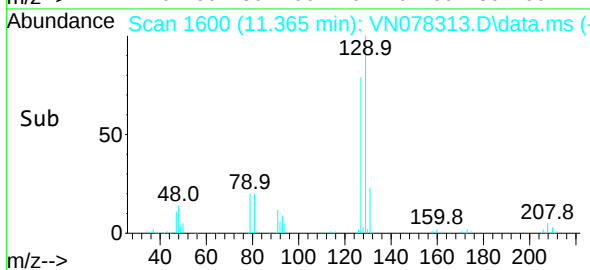
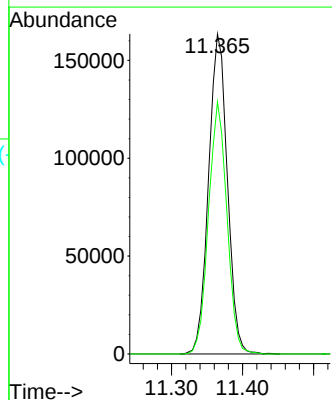
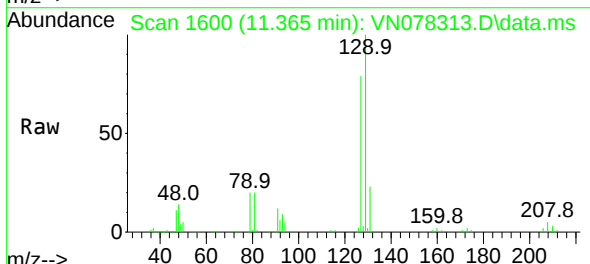
Manual Integrations
APPROVED

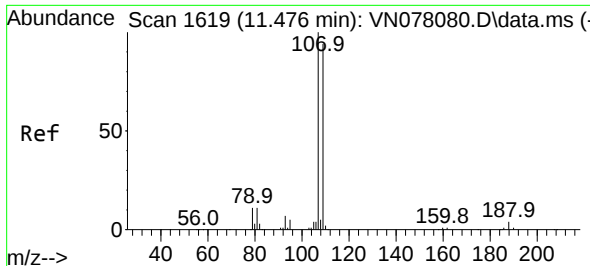
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 57.433 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

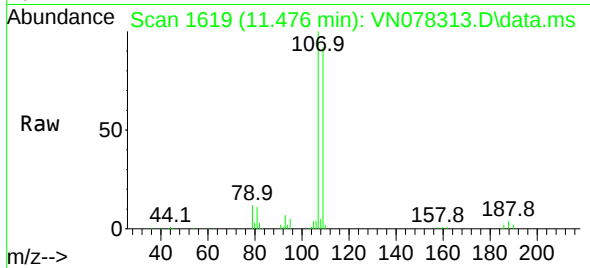
Tgt Ion:129 Resp: 300413
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.843 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

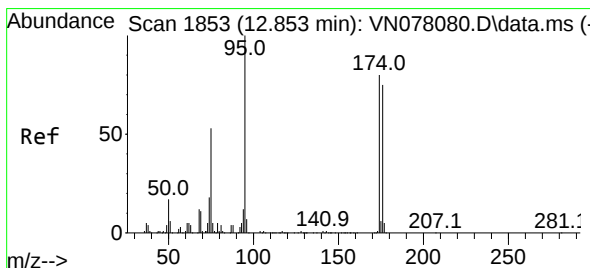
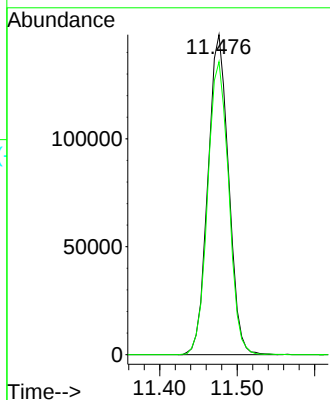
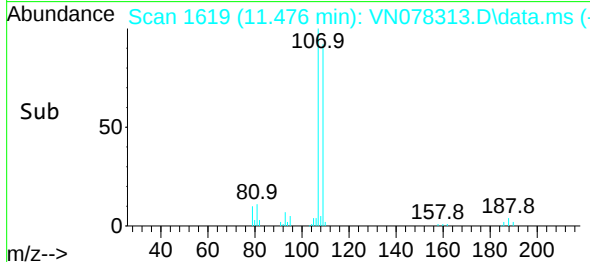
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



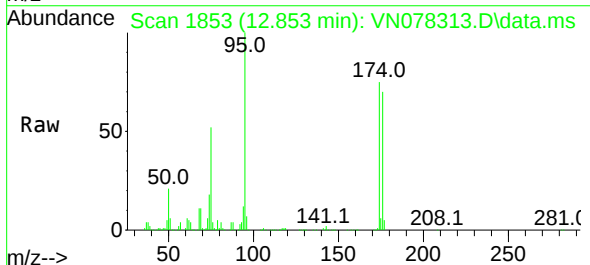
Tgt Ion:107 Resp: 27511
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

Manual Integrations
APPROVED

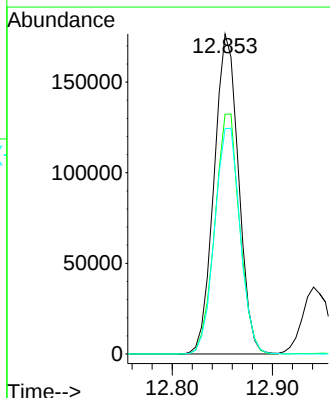
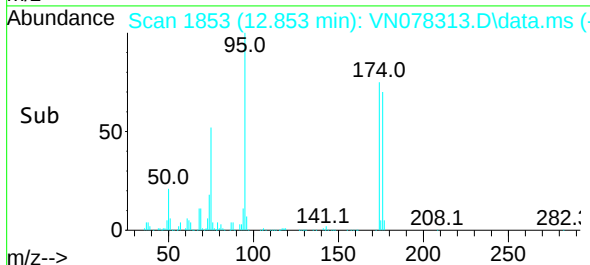
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

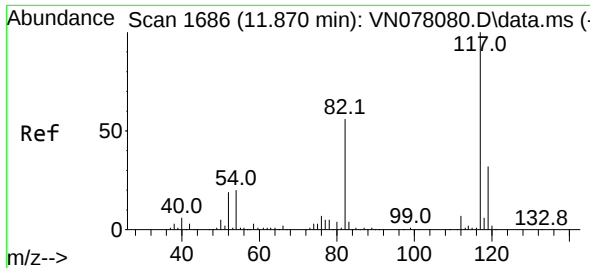


#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



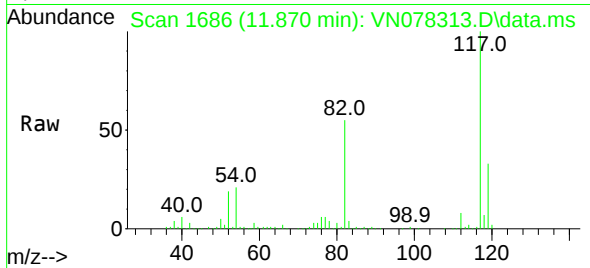
Tgt Ion: 95 Resp: 298991
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

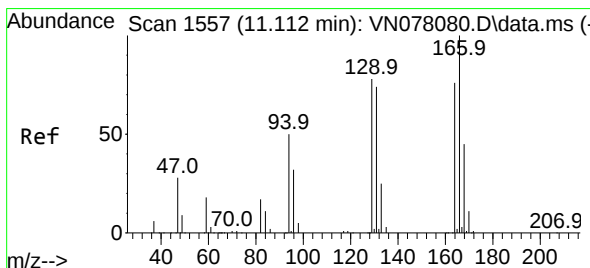
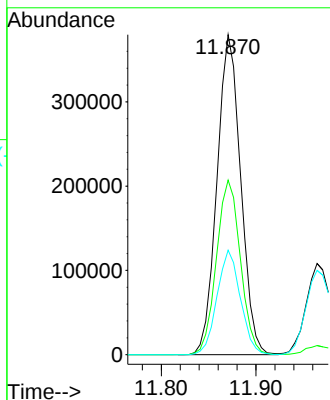
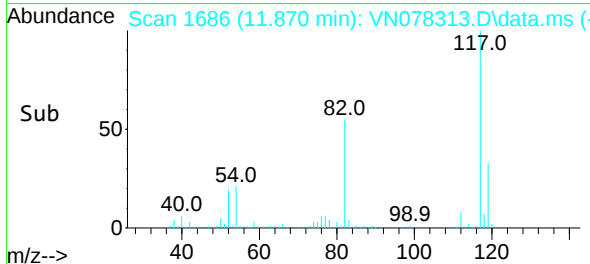
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 661745
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.7 25.6 38.4

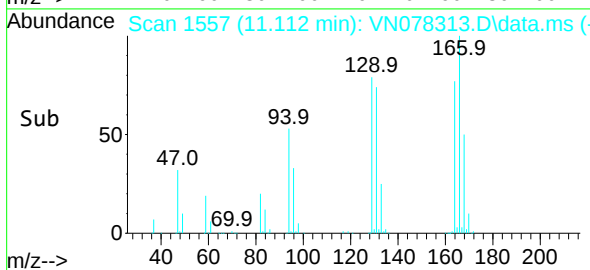
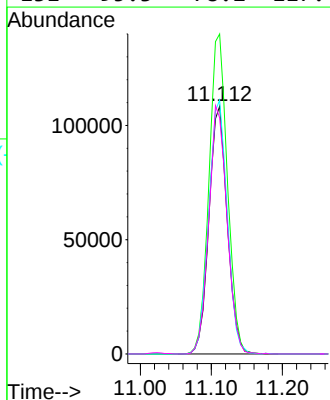
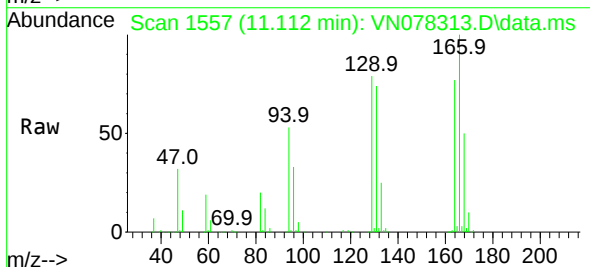
Manual Integrations
APPROVED

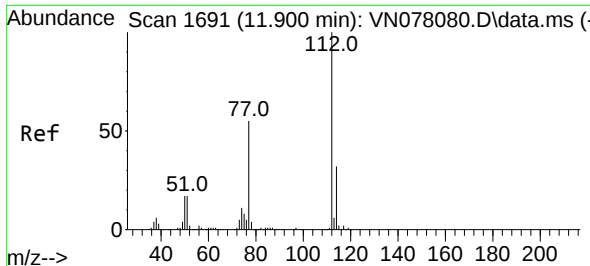
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 43.869 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

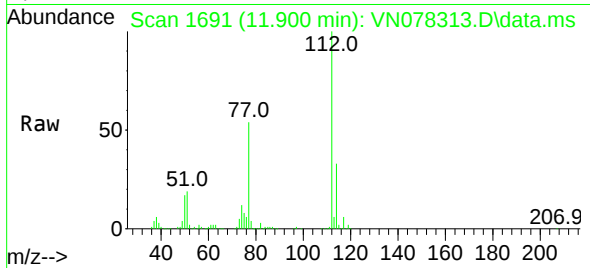
Tgt Ion:164 Resp: 193669
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.0
129 102.5 82.4 123.6
131 95.3 78.2 117.4





#65
Chlorobenzene
Concen: 50.371 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

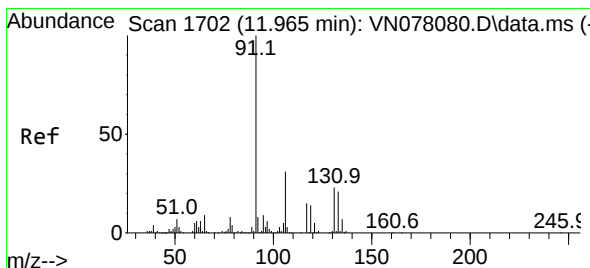
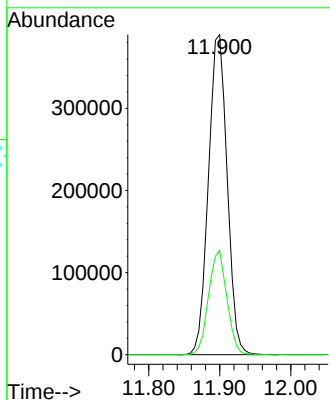
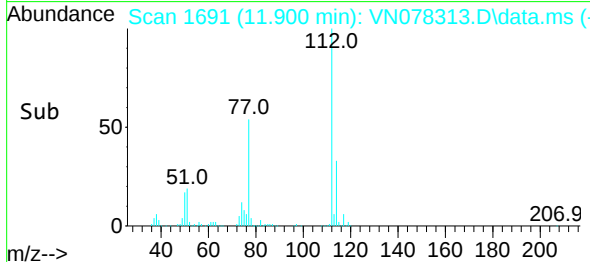
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



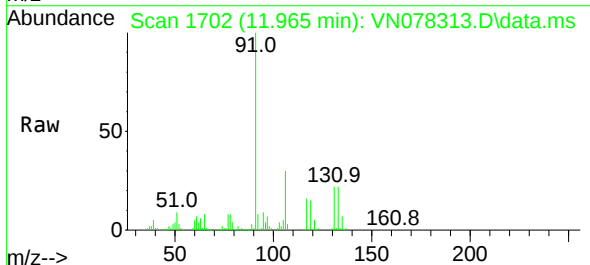
Tgt Ion:112 Resp: 71383
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

Manual Integrations
APPROVED

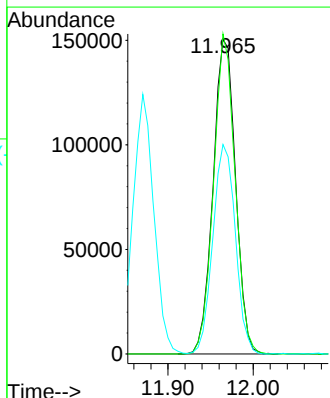
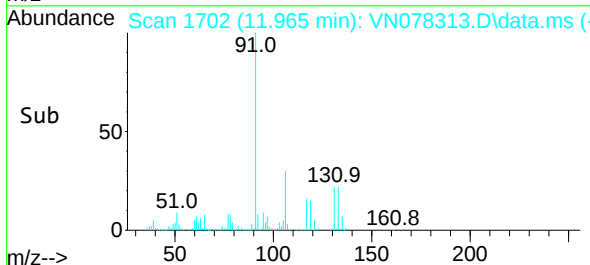
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

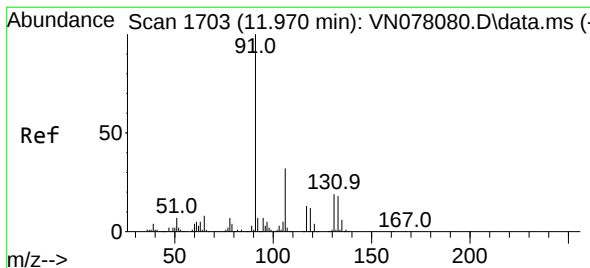


#66
1,1,1,2-Tetrachloroethane
Concen: 52.844 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion:131 Resp: 275437
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 66.9 34.1 102.2





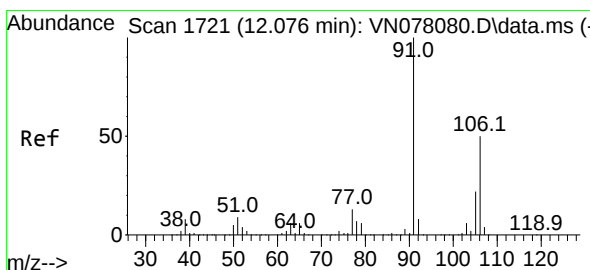
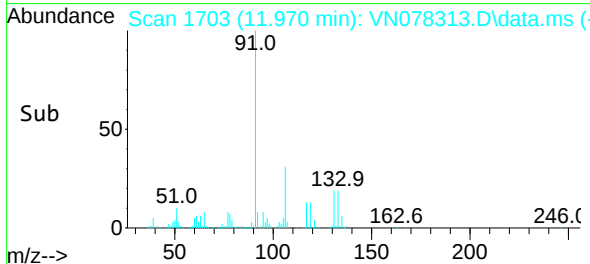
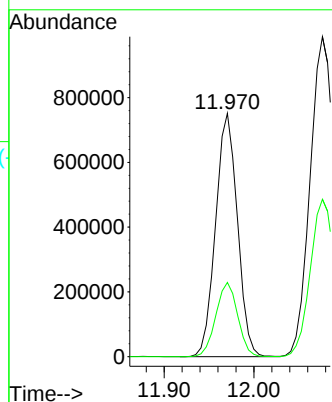
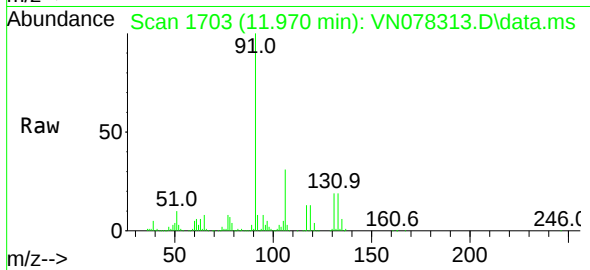
#67
Ethyl Benzene
Concen: 51.817 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1267072
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

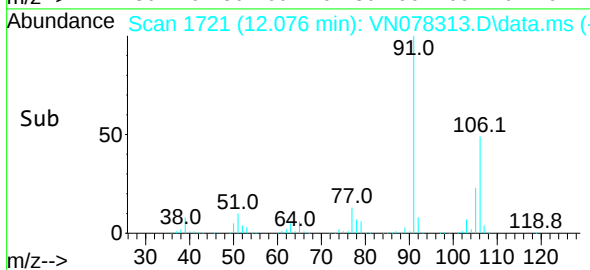
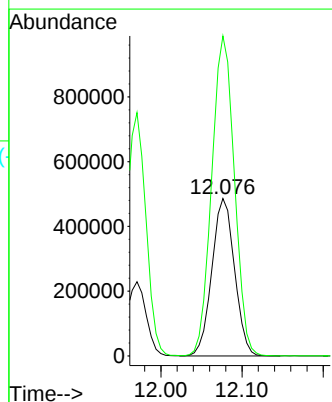
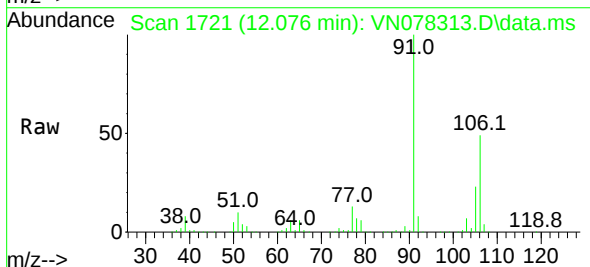
Manual Integrations
APPROVED

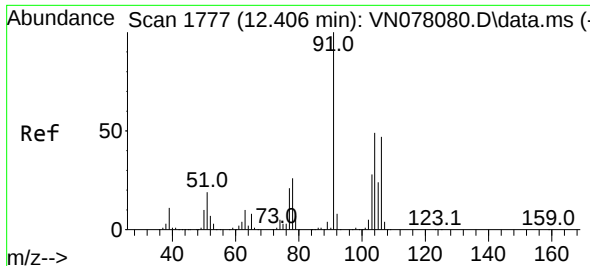
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#68
m/p-Xylenes
Concen: 101.073 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

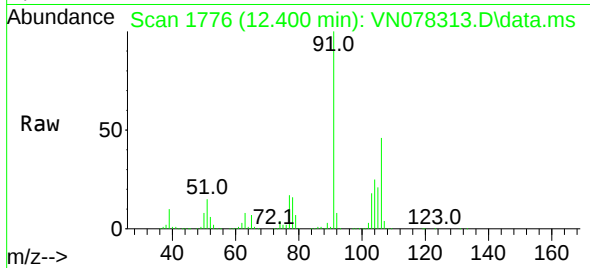
Tgt Ion:106 Resp: 941907
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4





#69
o-Xylene
Concen: 50.620 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

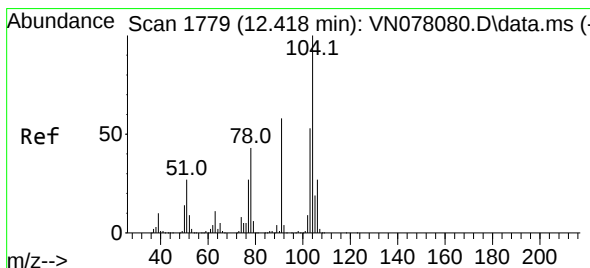
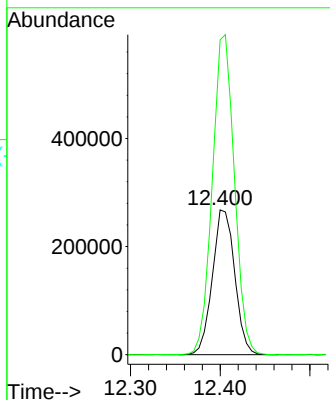
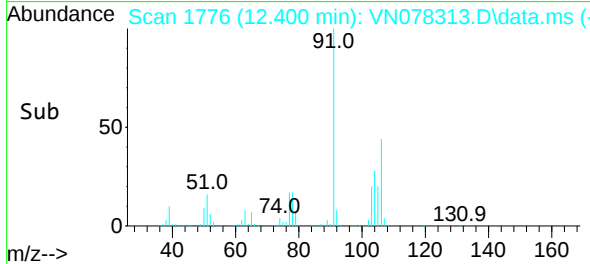
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 463244
Ion Ratio Lower Upper
106 100
91 218.5 105.2 315.5

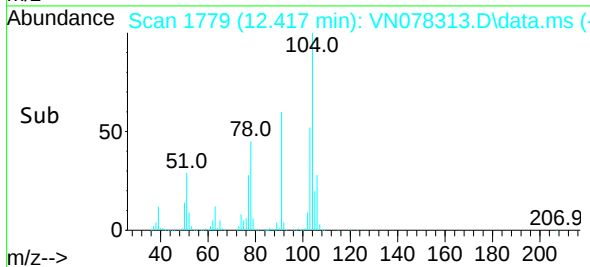
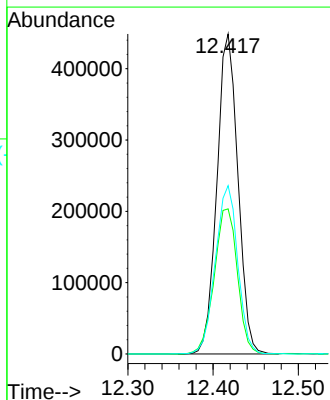
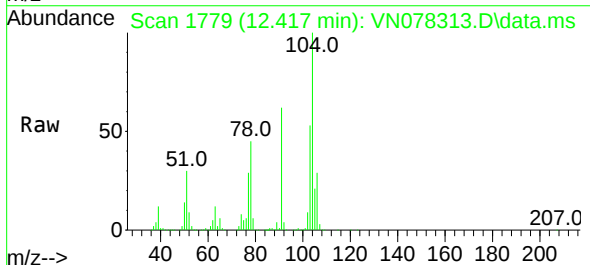
Manual Integrations
APPROVED

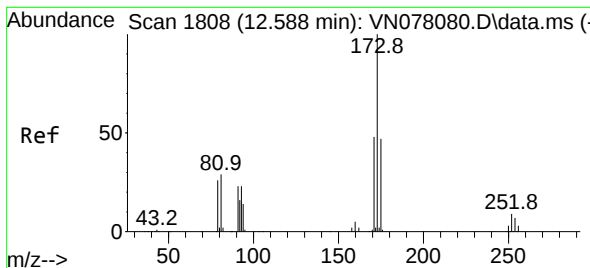
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 53.323 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

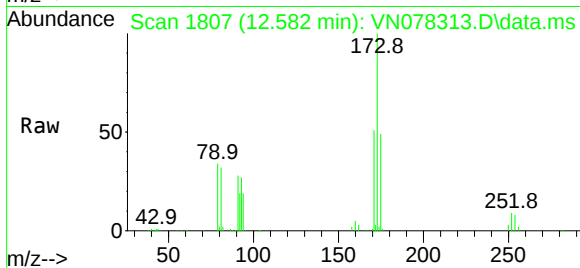
Tgt Ion:104 Resp: 768241
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 57.606 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

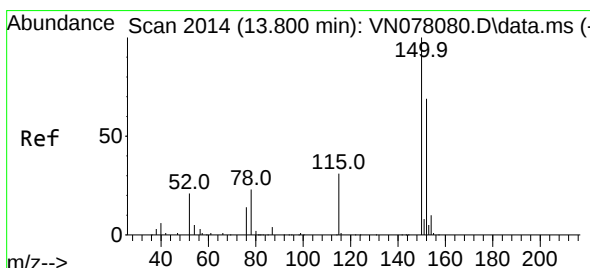
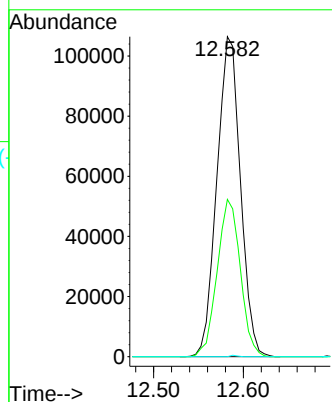
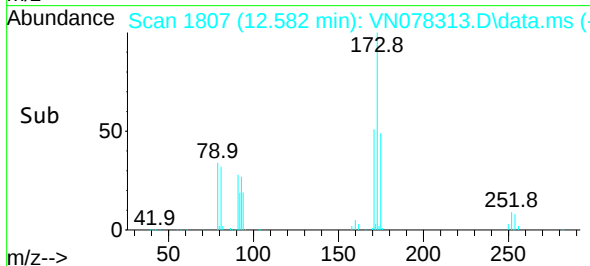
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



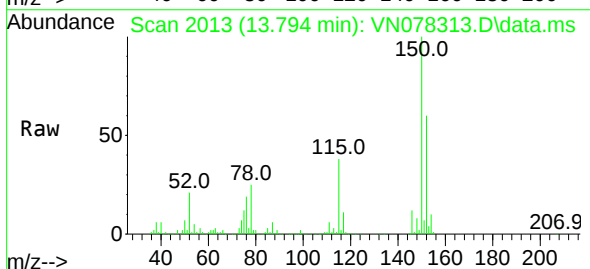
Tgt Ion:173 Resp: 193772
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

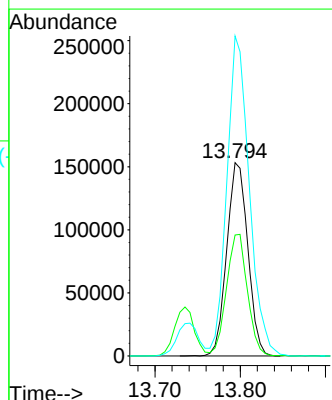
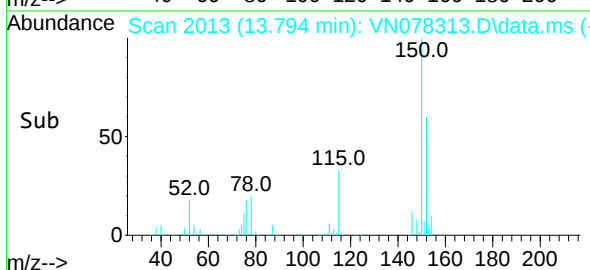
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

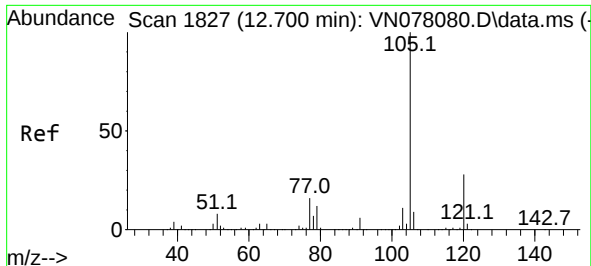


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



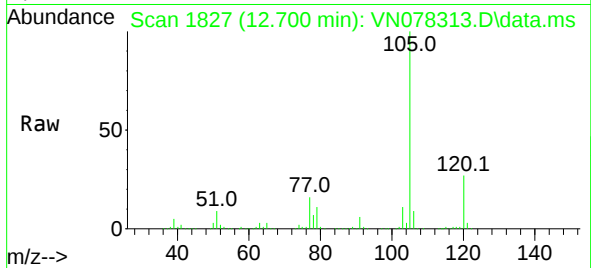
Tgt Ion:152 Resp: 262572
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 175.9 0.0 355.8





#73
Isopropylbenzene
Concen: 45.897 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

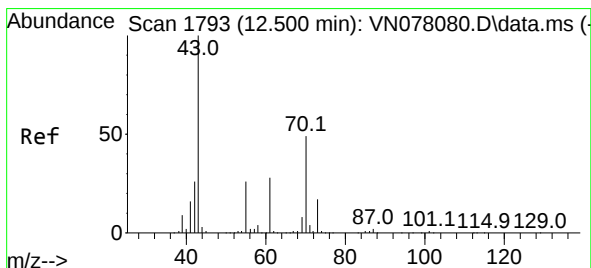
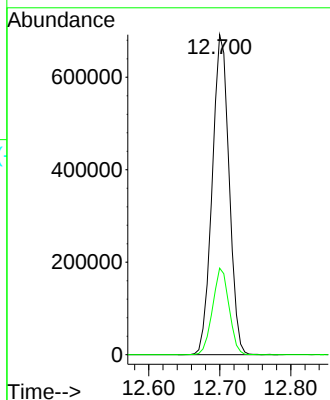
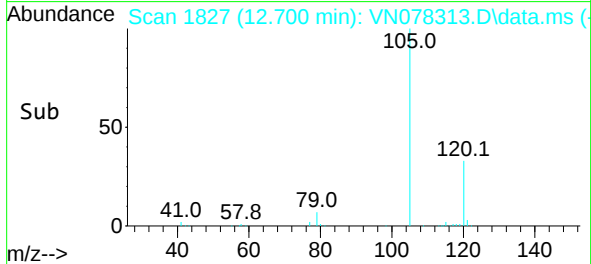
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



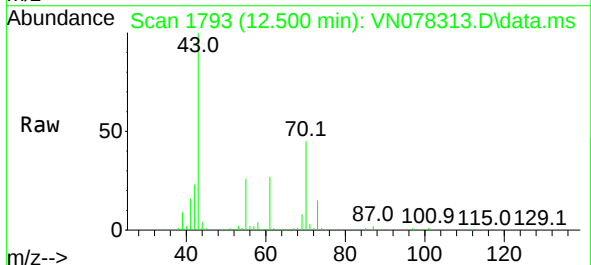
Tgt Ion:105 Resp: 1139618
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

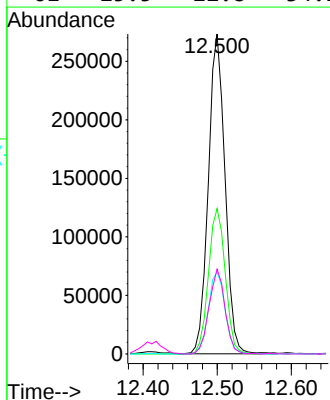
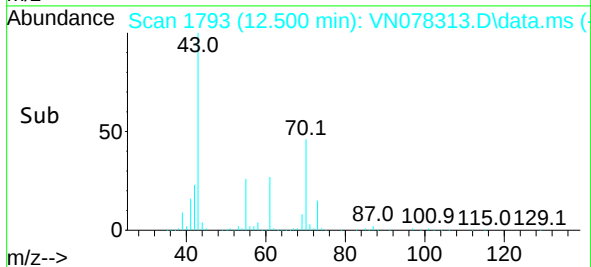
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

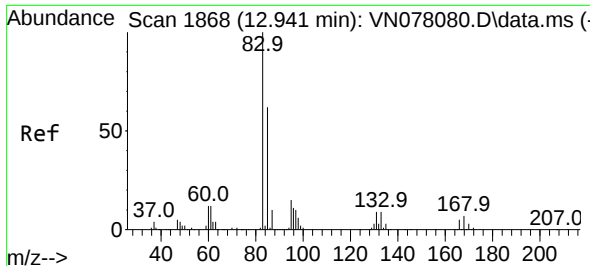


#74
N-ethyl acetate
Concen: 52.209 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



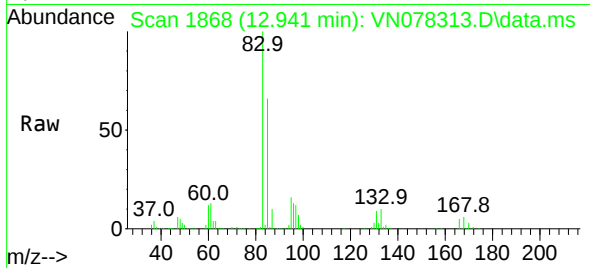
Tgt Ion: 43 Resp: 426890
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.8 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 58.552 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

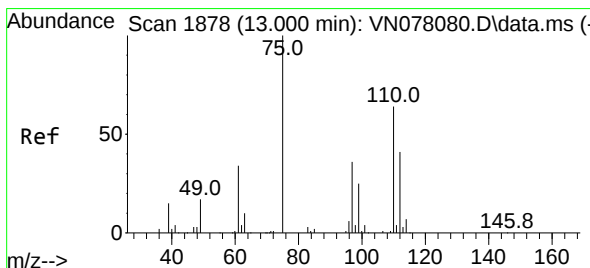
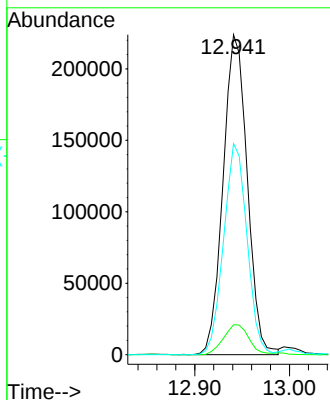
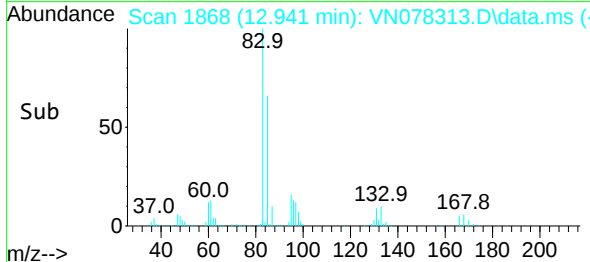
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 397000
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.8 31.9 95.7

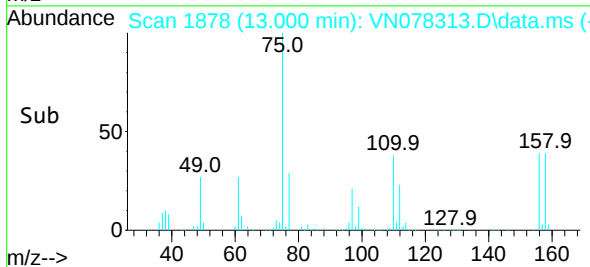
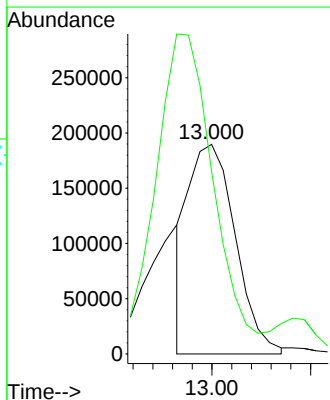
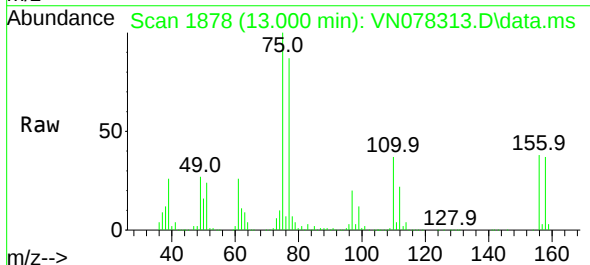
Manual Integrations
APPROVED

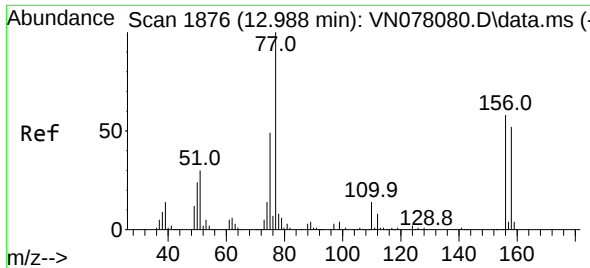
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 50.661 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

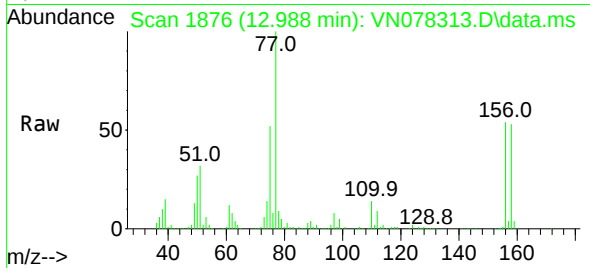
Tgt Ion: 75 Resp: 314469
Ion Ratio Lower Upper
75 100
77 188.3 84.5 253.5





#77
Bromobenzene
Concen: 47.400 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

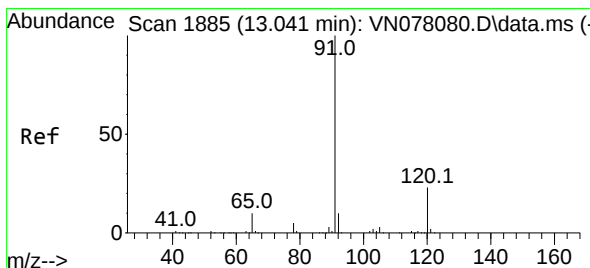
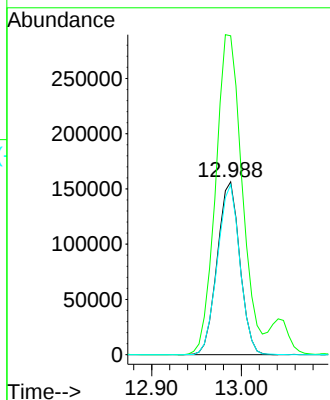
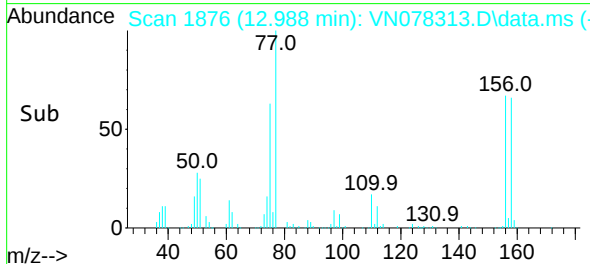
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



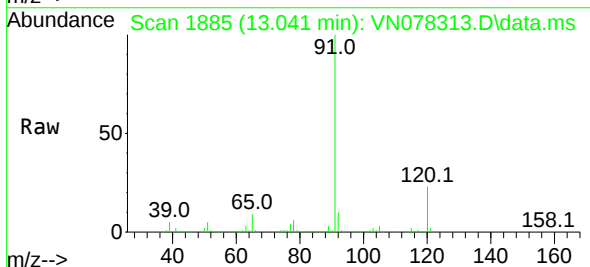
Tgt Ion:156 Resp: 273210
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 97.7 48.4 145.3

Manual Integrations
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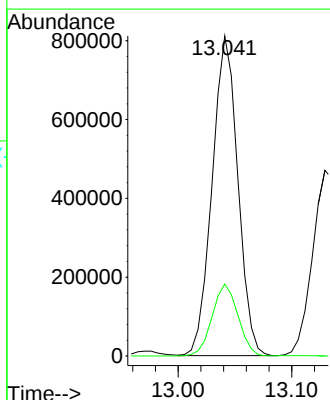
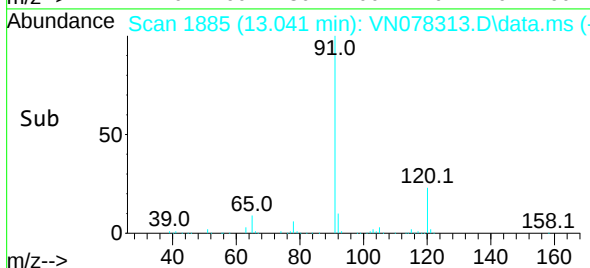
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

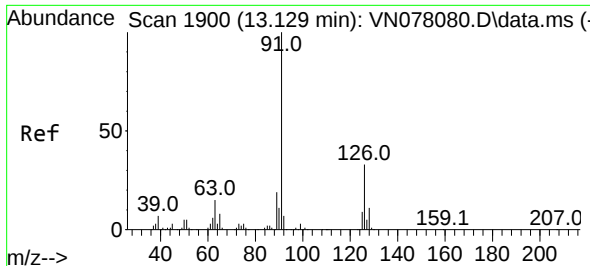


#78
n-propylbenzene
Concen: 47.257 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion: 91 Resp: 1274847
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





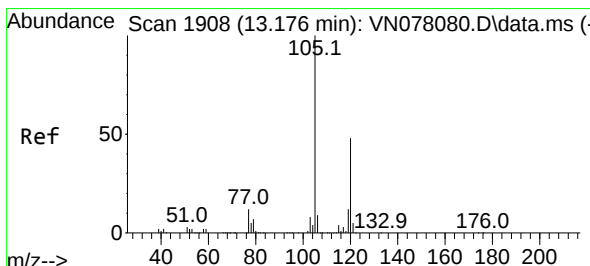
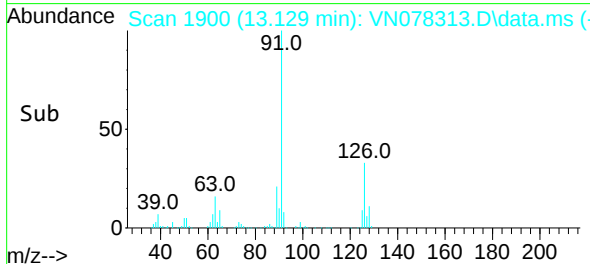
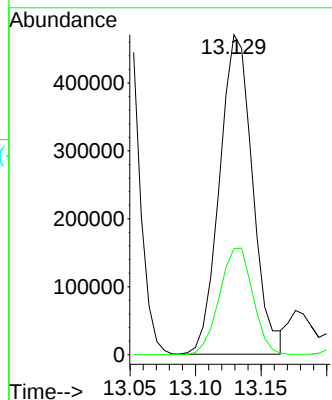
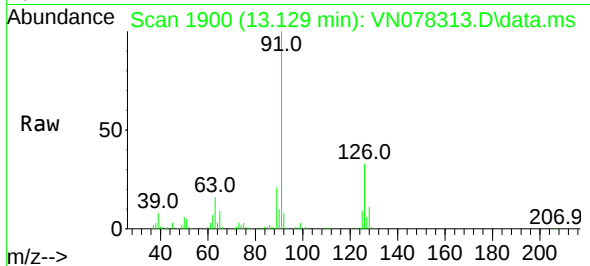
#79
2-Chlorotoluene
Concen: 47.403 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 825452
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

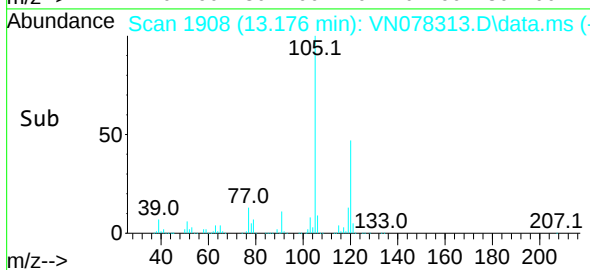
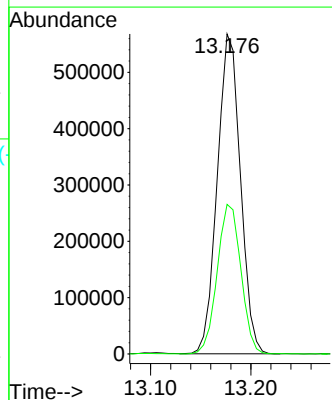
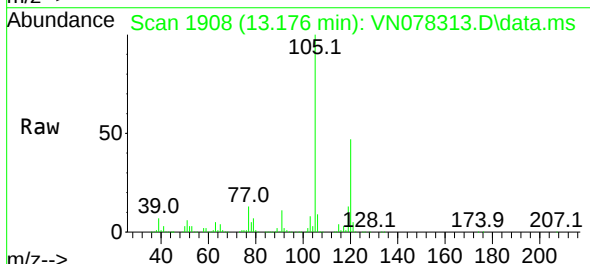
Manual Integrations
APPROVED

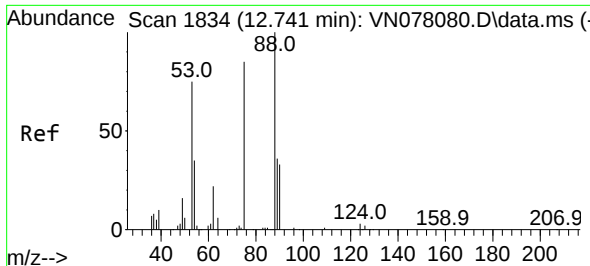
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.235 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

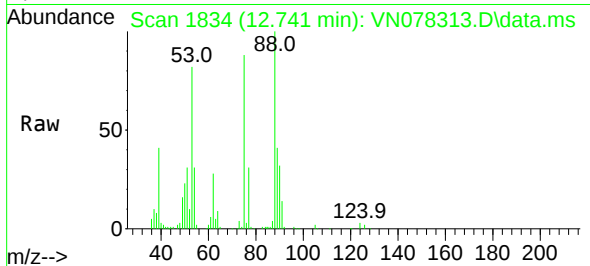
Tgt Ion:105 Resp: 909338
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 59.078 ug/l
RT: 12.741 min Scan# 11936
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

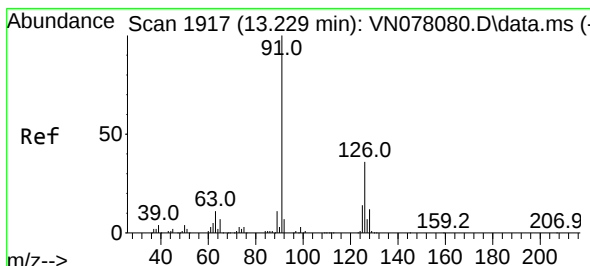
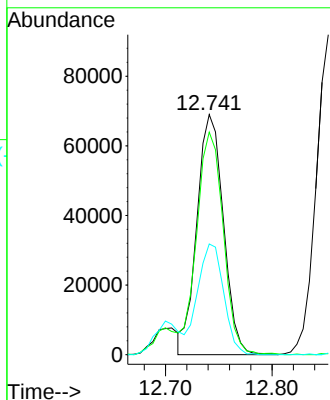
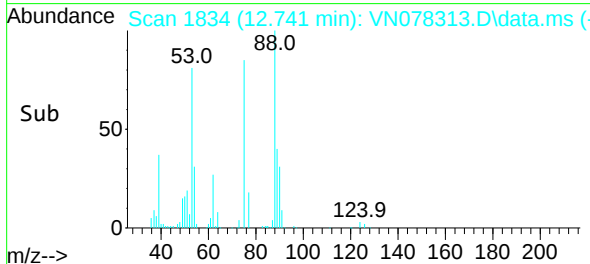
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11936
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 45.0 38.8 58.2

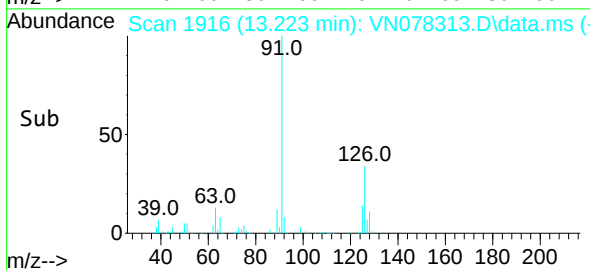
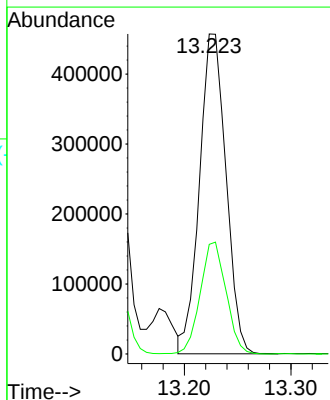
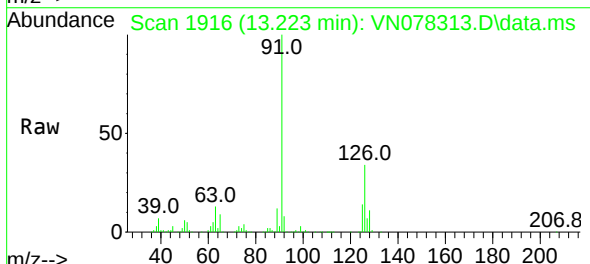
Manual Integrations
APPROVED

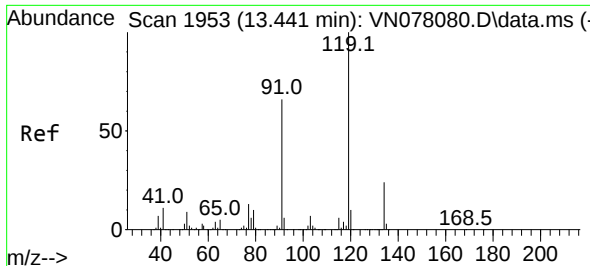
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 48.573 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

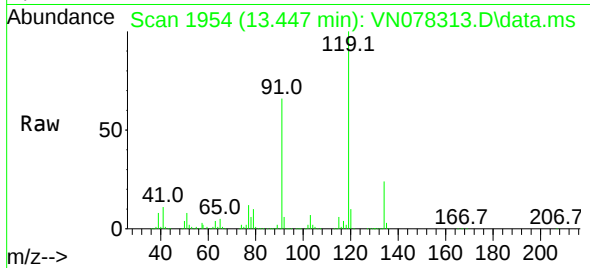
Tgt Ion: 91 Resp: 789404
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 42.701 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

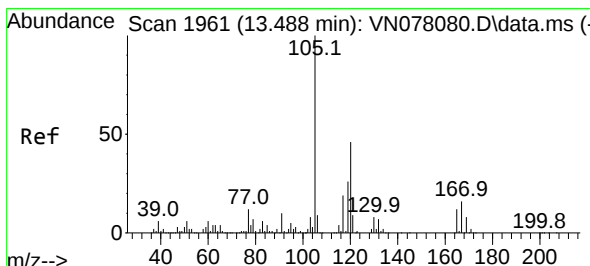
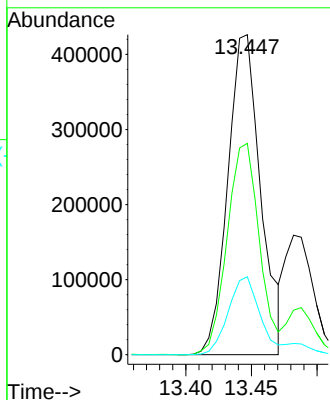
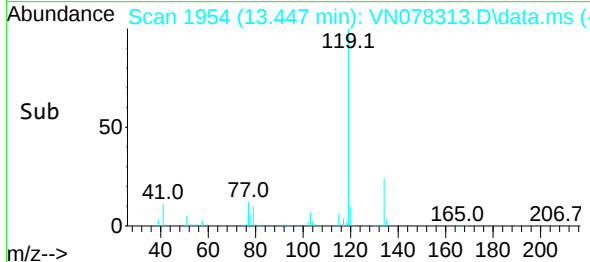
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 74617
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 26.0 13.2 39.6

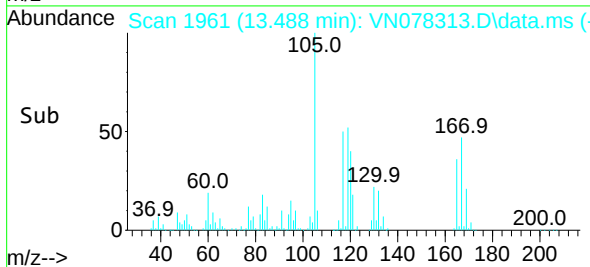
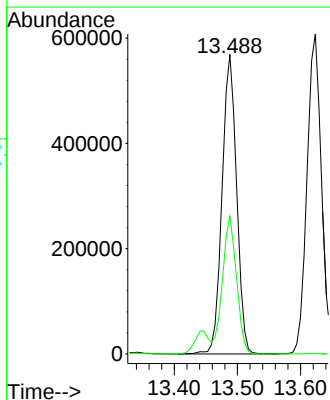
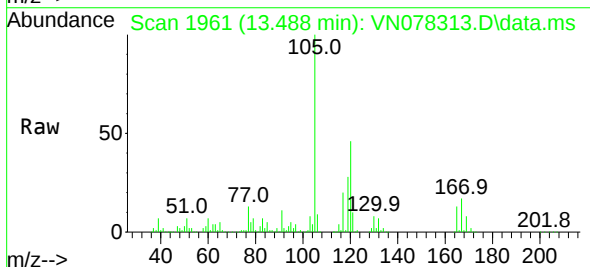
Manual Integrations
APPROVED

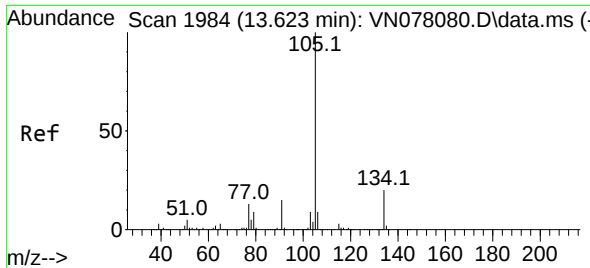
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.750 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

Tgt Ion:105 Resp: 911144
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





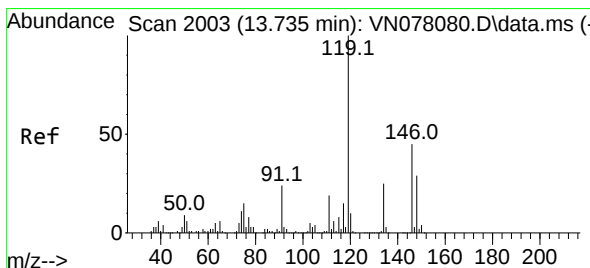
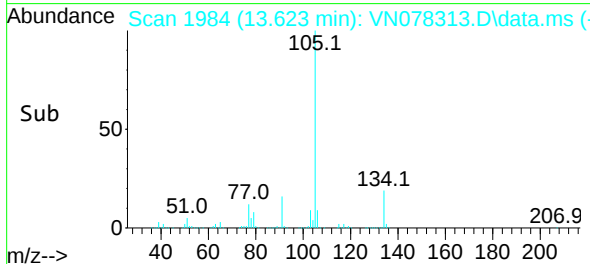
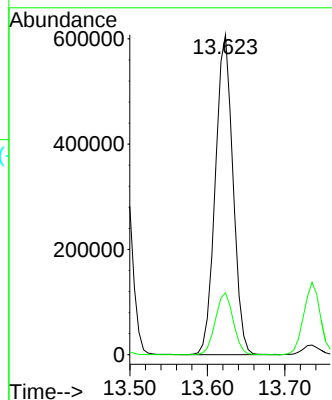
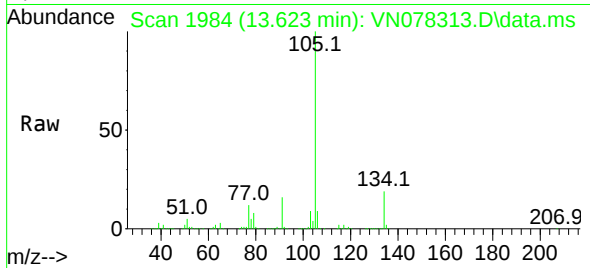
#85
 sec-Butylbenzene
 Concen: 42.076 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 96233
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

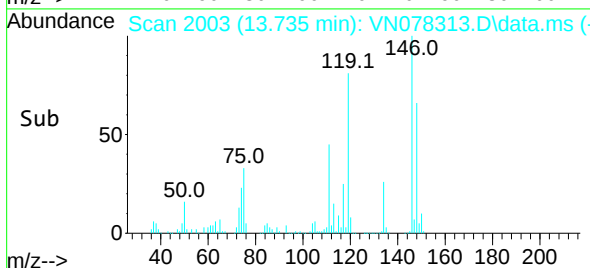
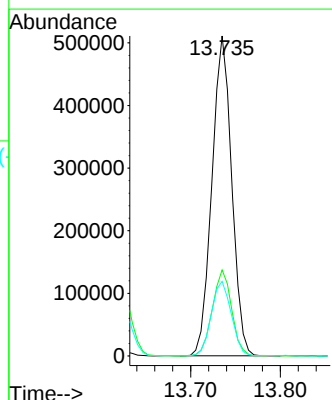
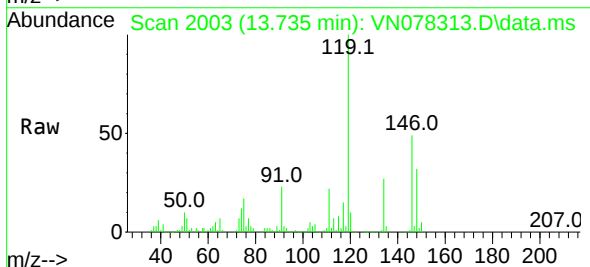
Manual Integrations
 APPROVED

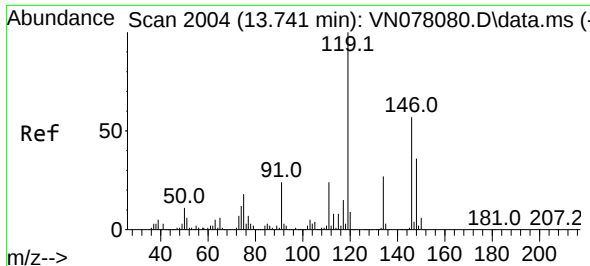
Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 42.078 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

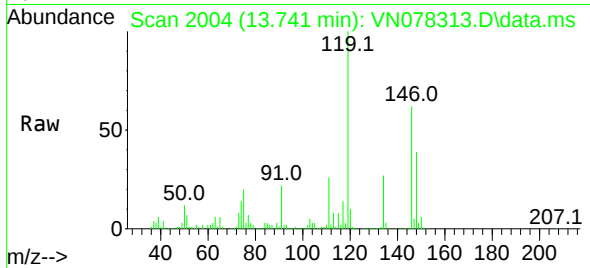
Tgt Ion:119 Resp: 780973
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 23.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 46.788 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54

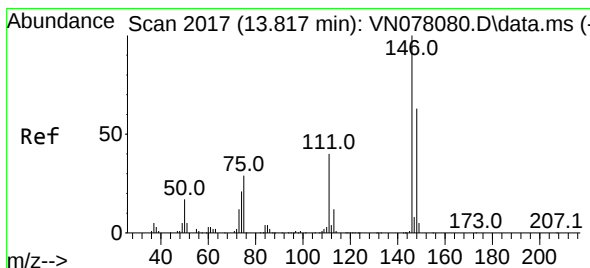
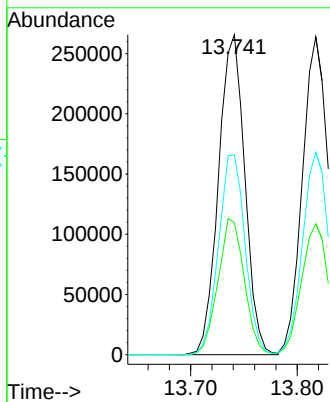
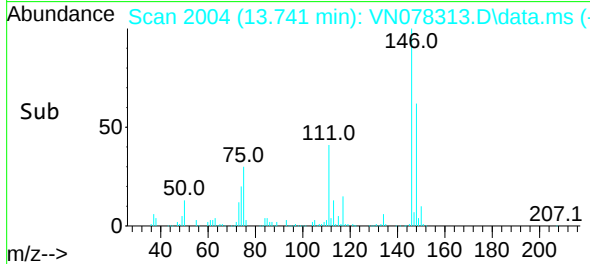
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



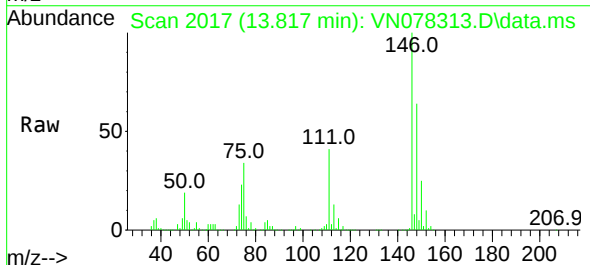
Tgt Ion:146 Resp: 456164
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 62.9 32.0 96.0

Manual Integrations
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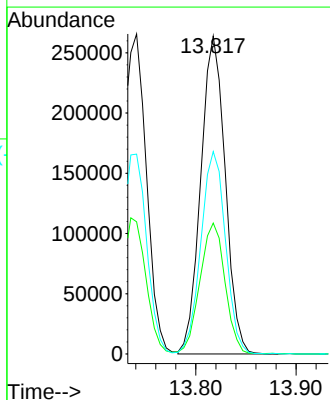
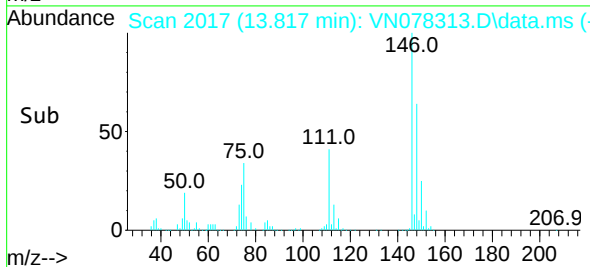
Reviewed By :John Carlone 06/21/2023
 Supervised By :Mahesh Dadoda 06/22/2023

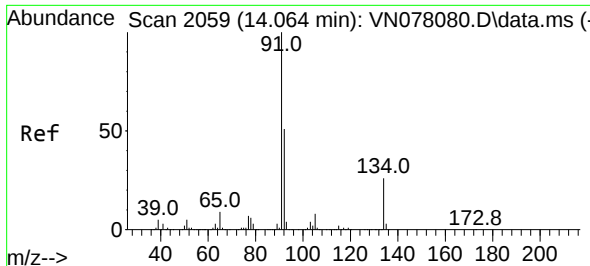


#88
 1,4-Dichlorobenzene
 Concen: 47.689 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078313.D
 Acq: 20 Jun 2023 16:54



Tgt Ion:146 Resp: 448656
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 64.3 31.6 94.8





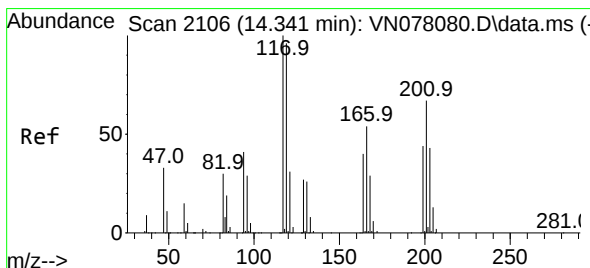
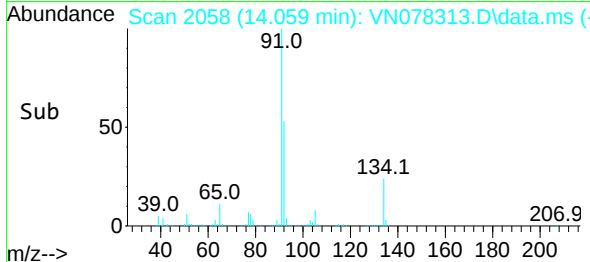
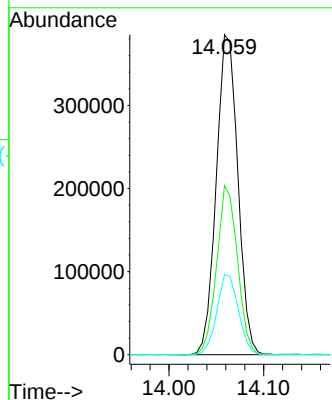
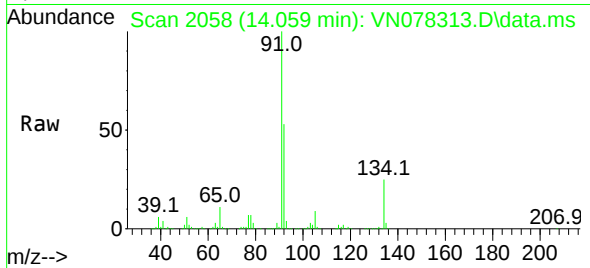
#89
n-Butylbenzene
Concen: 41.768 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 611459
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.1 12.6 37.6

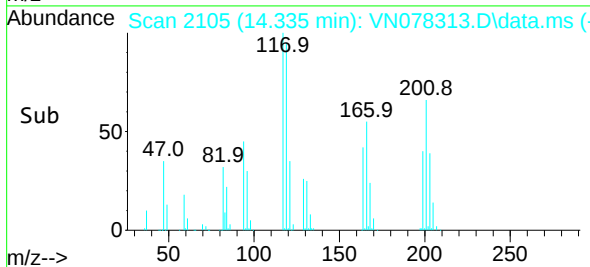
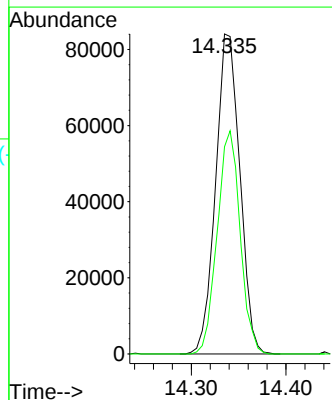
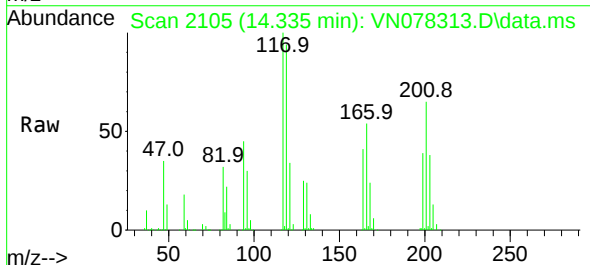
Manual Integrations
APPROVED

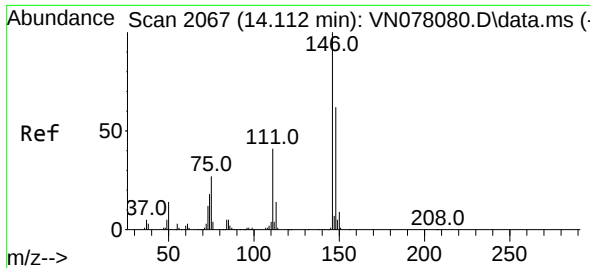
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 45.442 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

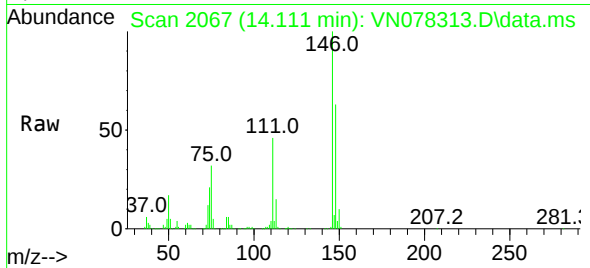
Tgt Ion:117 Resp: 149676
Ion Ratio Lower Upper
117 100
201 65.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.494 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

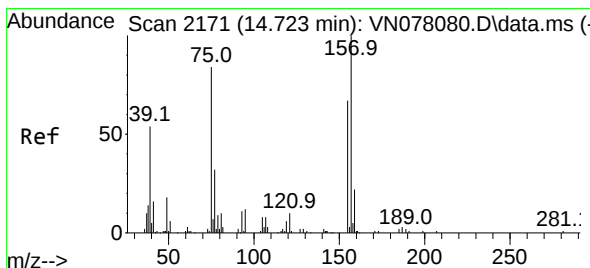
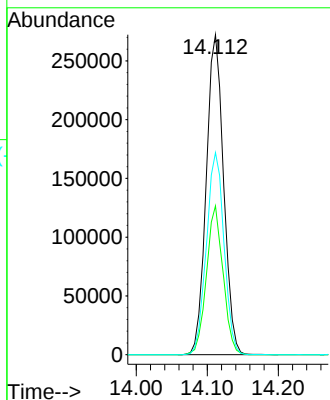
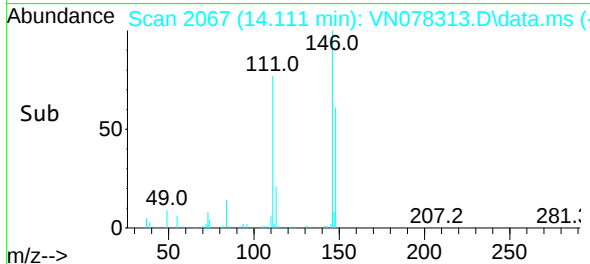
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



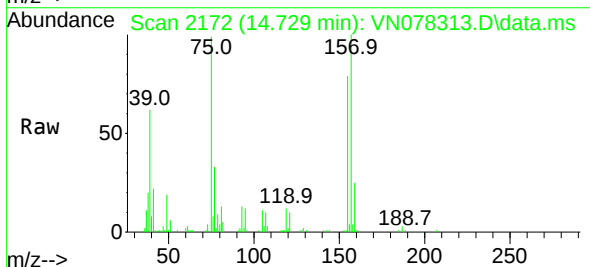
Tgt Ion:146 Resp: 462079
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.1 31.8 95.3

Manual Integrations
APPROVED

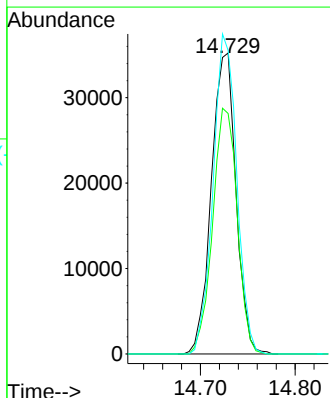
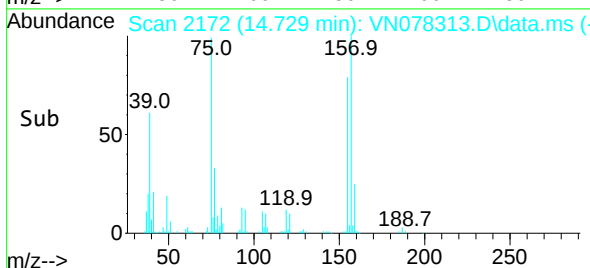
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

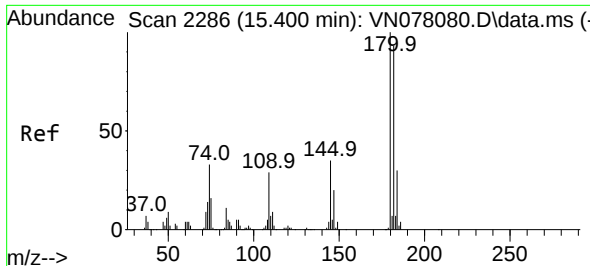


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.799 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



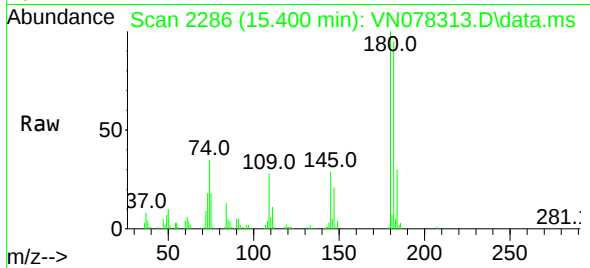
Tgt Ion: 75 Resp: 63706
Ion Ratio Lower Upper
75 100
155 81.3 39.1 117.2
157 101.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 42.516 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

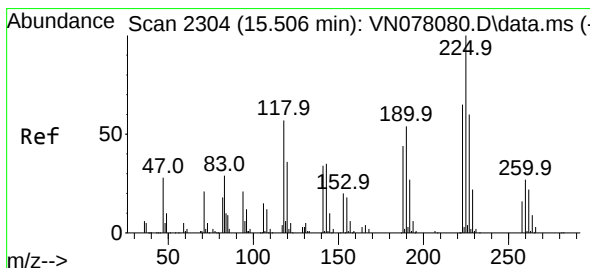
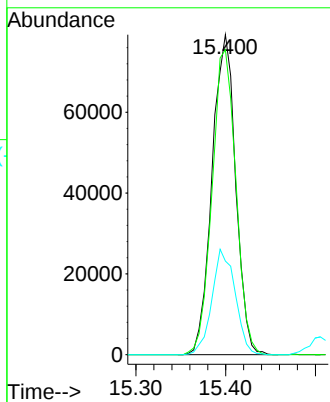
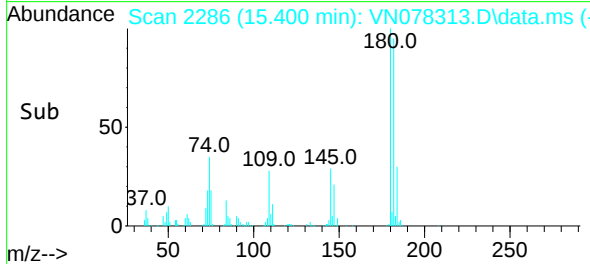
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



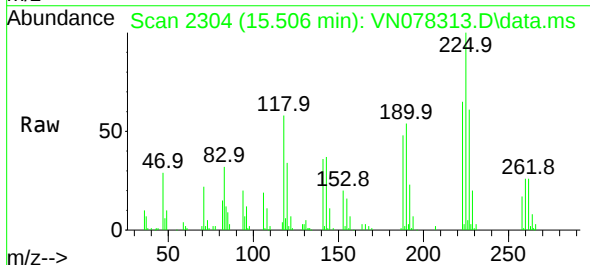
Tgt Ion:180 Resp: 14434
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 32.6 16.6 49.8

Manual Integrations
APPROVED

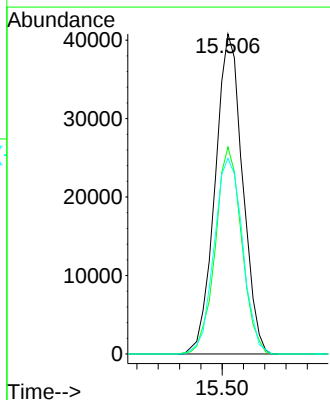
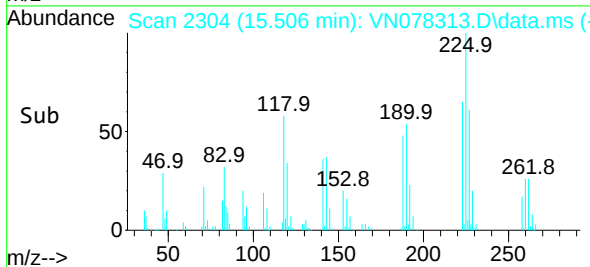
Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023

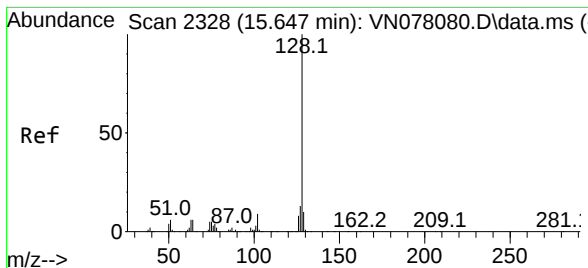


#94
Hexachlorobutadiene
Concen: 43.475 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



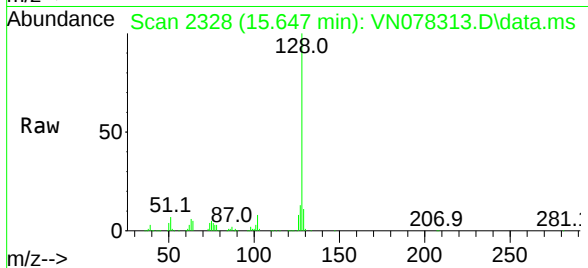
Tgt Ion:225 Resp: 72931
Ion Ratio Lower Upper
225 100
223 62.0 31.3 93.8
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 43.302 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54

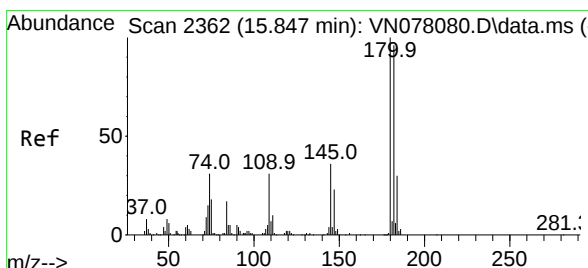
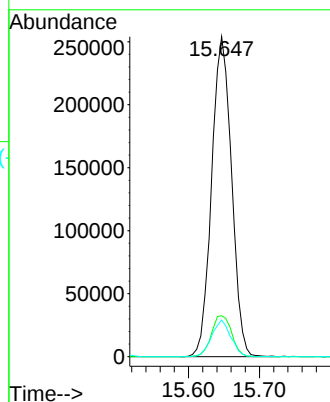
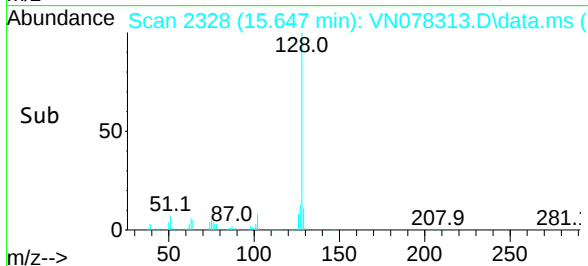
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



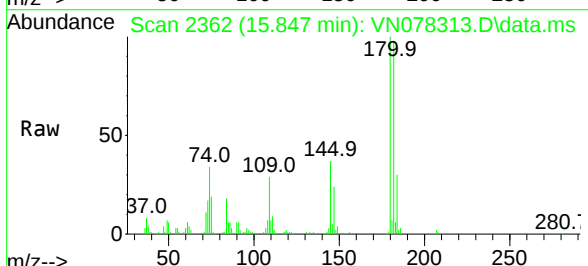
Tgt Ion:128 Resp: 494512
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.885 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078313.D
Acq: 20 Jun 2023 16:54



Tgt Ion:180 Resp: 155243
Ion Ratio Lower Upper
180 100
182 96.2 46.2 138.6
145 35.2 17.5 52.6

