

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078270.D
 Acq On : 19 Jun 2023 11:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 16:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	399854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	710205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	627811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282948	53.073	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.140%	
35) Dibromofluoromethane	8.171	113	237373	52.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	10.570	98	884192	51.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.853	95	290714	54.019	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	184144	40.741	ug/l	97
3) Chloromethane	2.371	50	199744	46.859	ug/l	99
4) Vinyl Chloride	2.524	62	259080	43.773	ug/l	98
5) Bromomethane	2.953	94	210253	47.006	ug/l	96
6) Chloroethane	3.124	64	210401	52.148	ug/l	99
7) Trichlorofluoromethane	3.506	101	362415	45.154	ug/l	97
8) Diethyl Ether	3.971	74	126737	44.940	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	205877	48.604	ug/l	99
10) Methyl Iodide	4.600	142	268541	44.830	ug/l	98
11) Tert butyl alcohol	5.530	59	166033	225.546	ug/l	99
12) 1,1-Dichloroethene	4.353	96	190065	43.529	ug/l	93
13) Acrolein	4.189	56	303404	373.963	ug/l	97
14) Allyl chloride	5.036	41	251663	47.216	ug/l	92
15) Acrylonitrile	5.730	53	475012	250.286	ug/l	100
16) Acetone	4.436	43	381713	248.748	ug/l	97
17) Carbon Disulfide	4.724	76	460332	40.959	ug/l	99
18) Methyl Acetate	5.036	43	343332	48.596	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	680909	48.876	ug/l	97
20) Methylene Chloride	5.288	84	228909	45.141	ug/l #	88
21) trans-1,2-Dichloroethene	5.794	96	213976	45.436	ug/l	88
22) Diisopropyl ether	6.682	45	661526	52.763	ug/l	95
23) Vinyl Acetate	6.612	43	1917016	257.218	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	412863	49.918	ug/l	98
25) 2-Butanone	7.488	43	604359	256.107	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	345496	56.575	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	263390	46.887	ug/l	92
28) Bromochloromethane	7.824	49	205037	53.993	ug/l	89
29) Tetrahydrofuran	7.847	42	394643	250.165	ug/l	85
30) Chloroform	7.971	83	449328	50.452	ug/l	94
31) Cyclohexane	8.265	56	315013	46.062	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	396429	50.701	ug/l	97
36) 1,1-Dichloropropene	8.377	75	320057	49.690	ug/l	96
37) Ethyl Acetate	7.565	43	254912	50.660	ug/l #	94
38) Carbon Tetrachloride	8.371	117	347168	51.045	ug/l	100
39) Methylcyclohexane	9.606	83	290255	43.483	ug/l	92
40) Benzene	8.612	78	954294	49.626	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	136742	50.136	ug/l	93
42) 1,2-Dichloroethane	8.676	62	339336	51.467	ug/l	95
43) Isopropyl Acetate	8.694	43	457794	47.572	ug/l #	92
44) Trichloroethene	9.359	130	233804	46.040	ug/l	97
45) 1,2-Dichloropropane	9.629	63	248300	51.899	ug/l	99
46) Dibromomethane	9.712	93	172934	49.074	ug/l	95
47) Bromodichloromethane	9.894	83	364133	55.628	ug/l	99
48) Methyl methacrylate	9.682	41	211170	52.290	ug/l	86
49) 1,4-Dioxane	9.700	88	80918	953.341	ug/l #	97
51) 4-Methyl-2-Pentanone	10.453	43	1342473	264.922	ug/l	93
52) Toluene	10.635	92	603191	49.682	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	370504	54.348	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	401753	53.312	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	240706	52.409	ug/l	95
56) Ethyl methacrylate	10.882	69	354325	52.983	ug/l	90
57) 1,3-Dichloropropane	11.170	76	408458	52.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	705862	261.281	ug/l	90
59) 2-Hexanone	11.200	43	930052	263.590	ug/l	91
60) Dibromochloromethane	11.365	129	266873	53.101	ug/l	99
61) 1,2-Dibromoethane	11.476	107	240970	49.996	ug/l	99
64) Tetrachloroethene	11.106	164	196748	46.975	ug/l	96
65) Chlorobenzene	11.894	112	649287	48.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	253904	51.345	ug/l	98
67) Ethyl Benzene	11.970	91	1151447	49.634	ug/l	99
68) m/p-Xylenes	12.076	106	879546	99.483	ug/l	98
69) o-Xylene	12.400	106	423144	48.737	ug/l	94
70) Styrene	12.417	104	704431	51.537	ug/l	98
71) Bromoform	12.582	173	170453	53.413	ug/l #	99
73) Isopropylbenzene	12.700	105	1078663	46.728	ug/l	99
74) N-amyl acetate	12.500	43	354661	46.656	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	337867	53.382	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	273093m	47.323	ug/l	
77) Bromobenzene	12.988	156	249396	46.541	ug/l	98
78) n-propylbenzene	13.041	91	1239961	49.440	ug/l	99
79) 2-Chlorotoluene	13.129	91	747906	46.198	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	882381	47.214	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	99366	52.901	ug/l	92
82) 4-Chlorotoluene	13.229	91	729162	48.259	ug/l	99
83) tert-Butylbenzene	13.441	119	737529	45.399	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	878995	48.512	ug/l	100
85) sec-Butylbenzene	13.623	105	957076	45.011	ug/l	99
86) p-Isopropyltoluene	13.735	119	789248	45.740	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	426259	47.027	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	410966	46.987	ug/l	100
89) n-Butylbenzene	14.058	91	601539	44.198	ug/l	97
90) Hexachloroethane	14.341	117	149938	48.965	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	419187	47.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51748	45.258	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	138400	43.849	ug/l	99
94) Hexachlorobutadiene	15.505	225	69057	44.332	ug/l	99
95) Naphthalene	15.647	128	419522	39.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	150016	42.497	ug/l	96

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VSTDCCC050

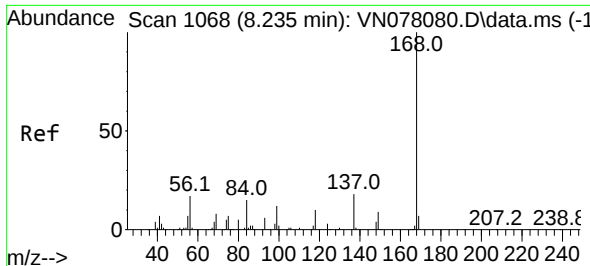
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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



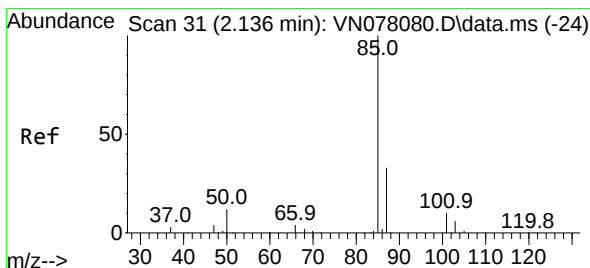
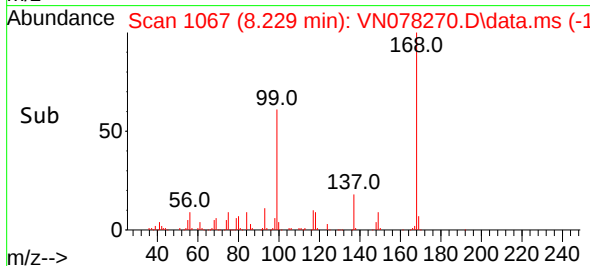
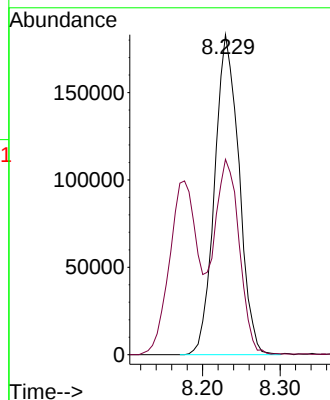
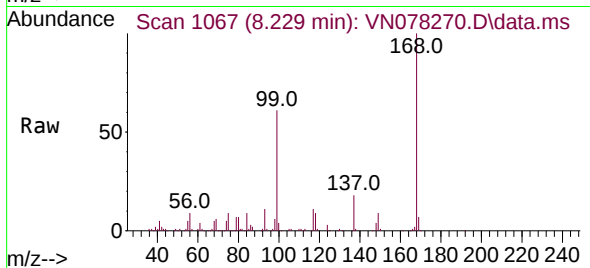
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 399854
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6

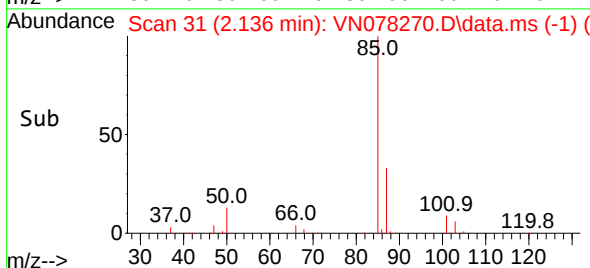
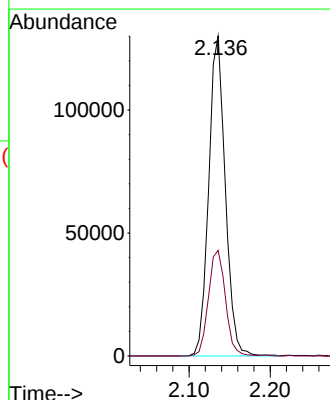
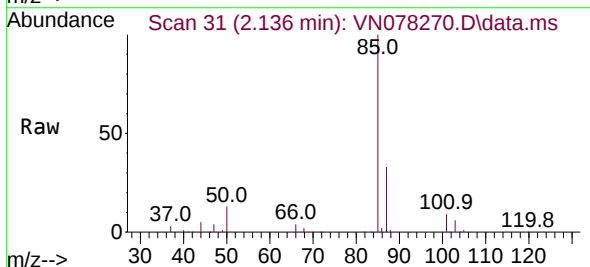
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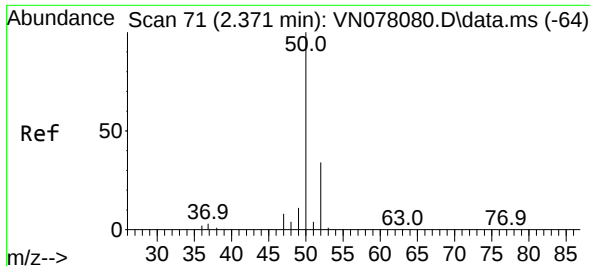
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 40.741 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

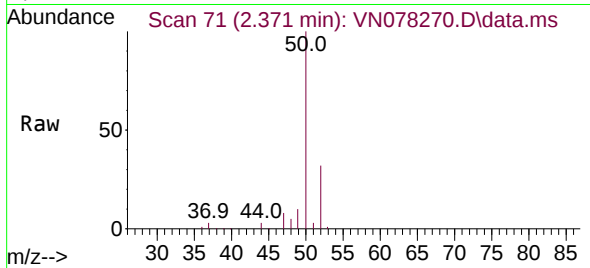
Tgt Ion: 85 Resp: 184144
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 46.859 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

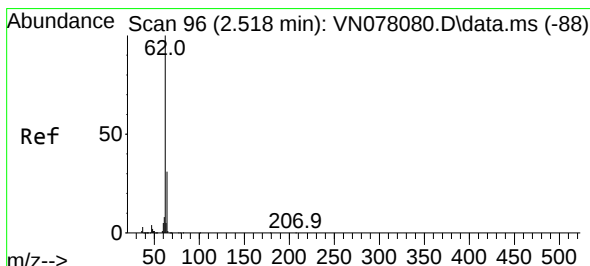
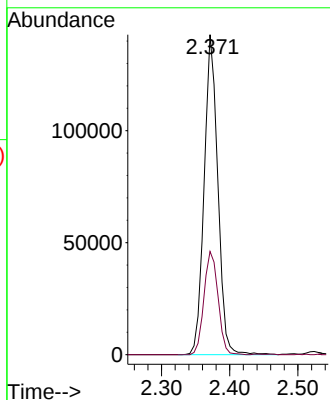
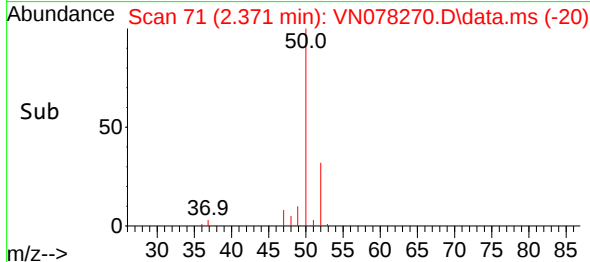
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 199744
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

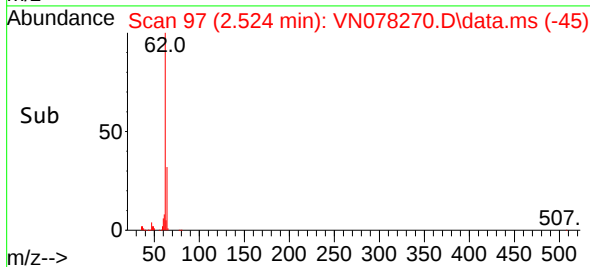
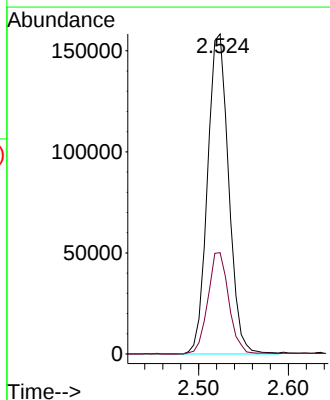
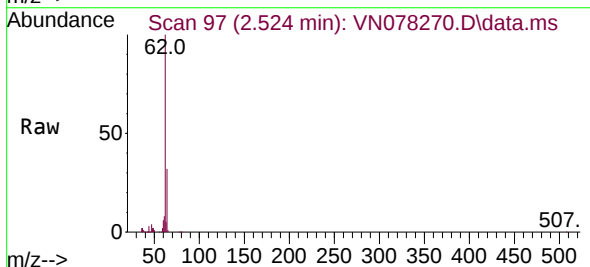
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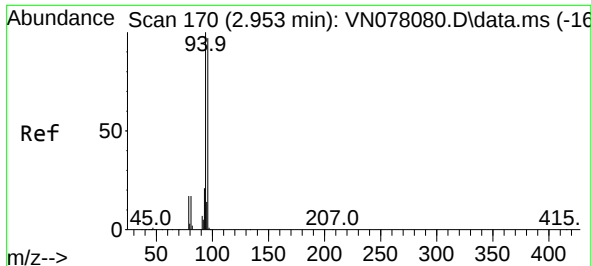
Reviewed By :John Carlone 06/19/2023
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#4
Vinyl Chloride
Concen: 43.773 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

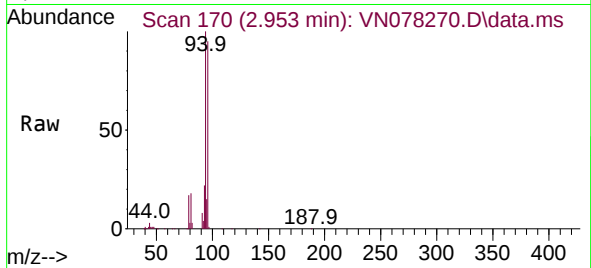
Tgt Ion: 62 Resp: 259080
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 47.006 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

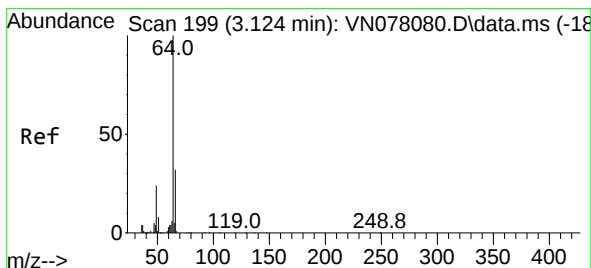
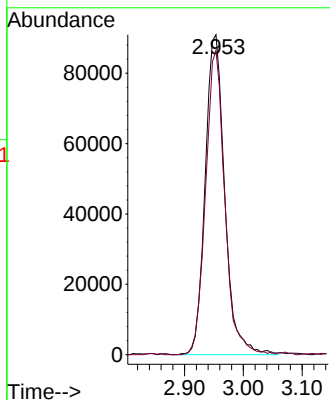
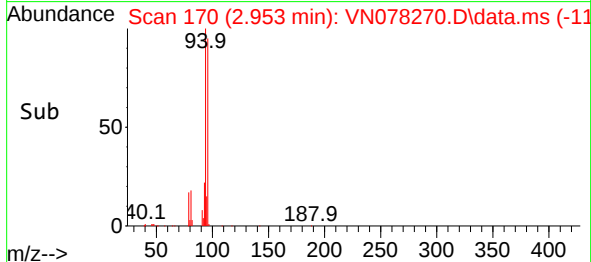
Instrument :
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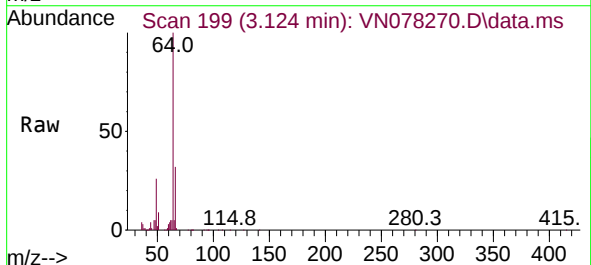
Tgt Ion: 94 Resp: 21025
Ion Ratio Lower Upper
94 100
96 95.1 73.1 109.7

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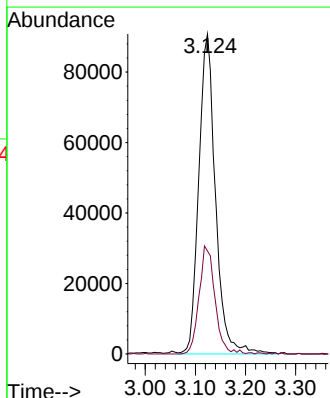
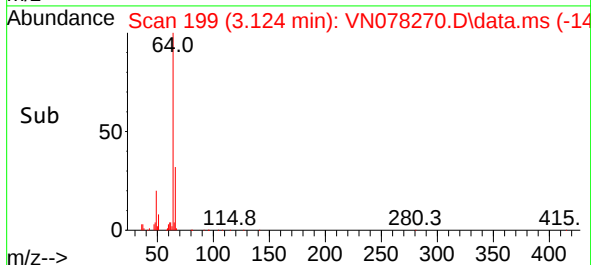
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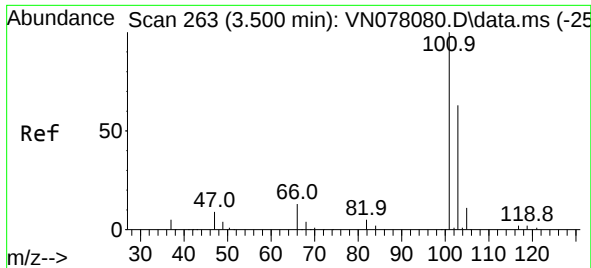


#6
Chloroethane
Concen: 52.148 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



Tgt Ion: 64 Resp: 210401
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





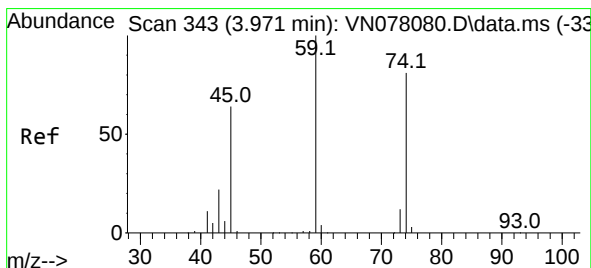
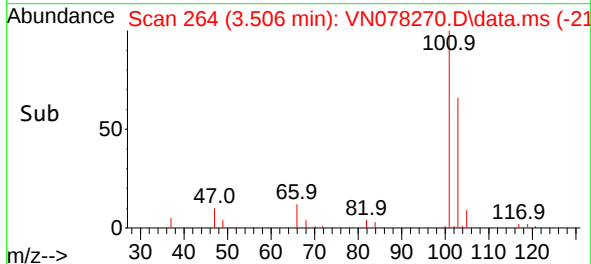
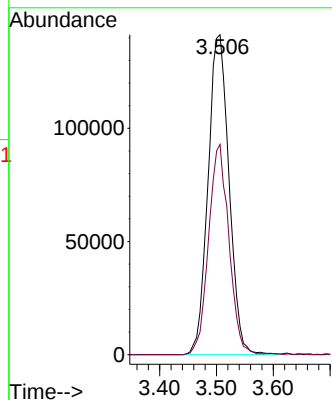
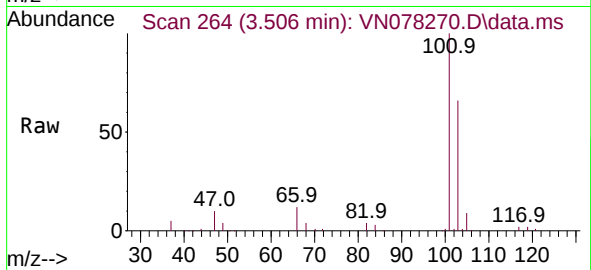
#7
Trichlorofluoromethane
Concen: 45.154 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 362415
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

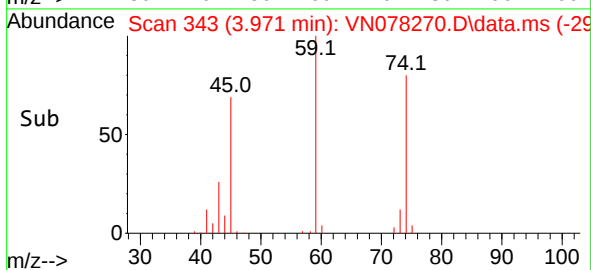
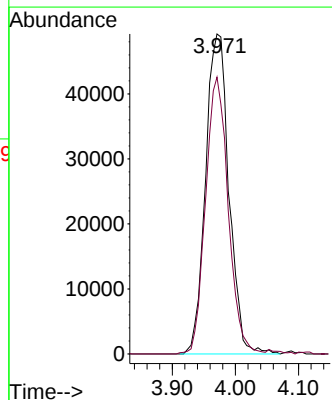
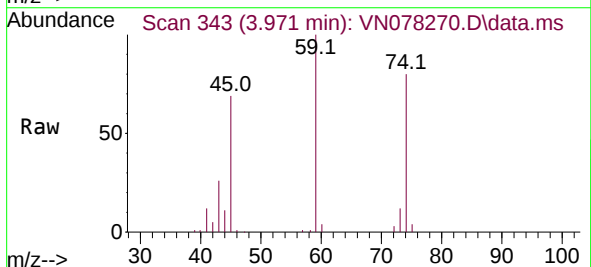
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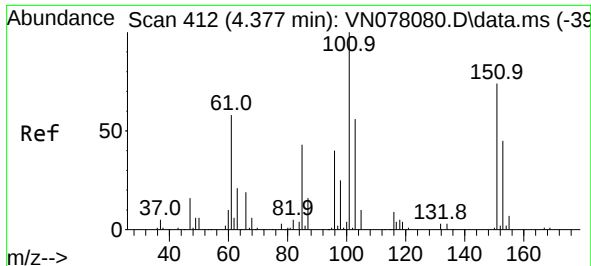
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#8
Diethyl Ether
Concen: 44.940 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 74 Resp: 126737
Ion Ratio Lower Upper
74 100
45 83.7 34.4 103.3





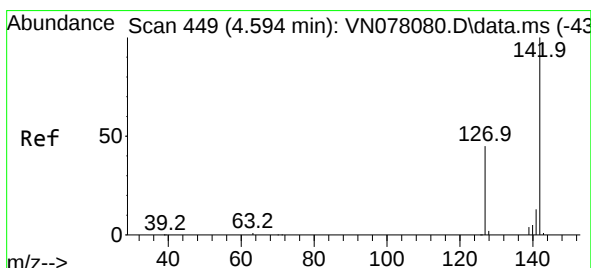
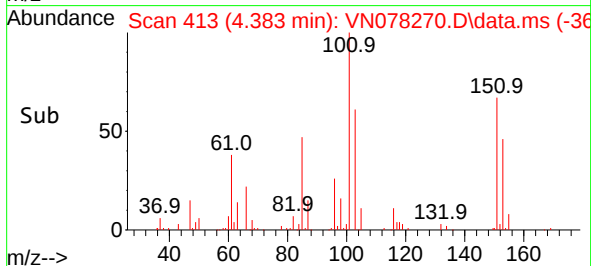
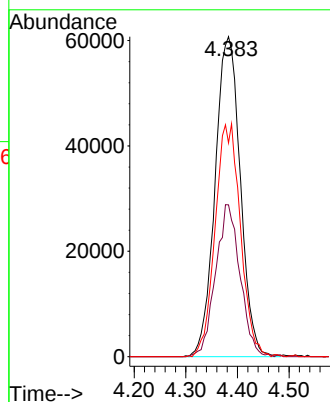
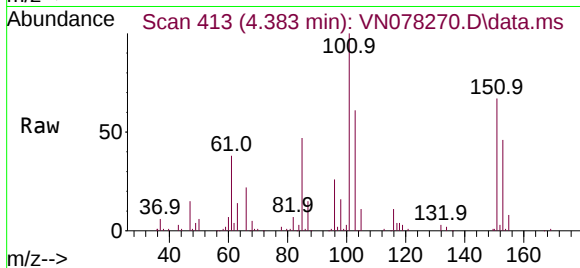
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.604 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20587
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 73.0 57.6 86.4

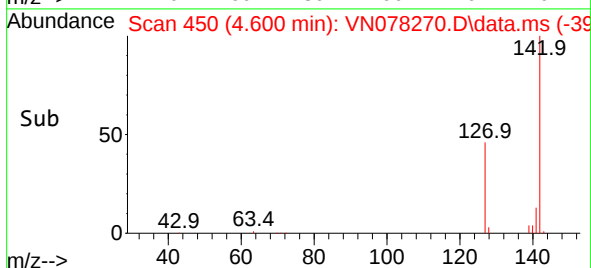
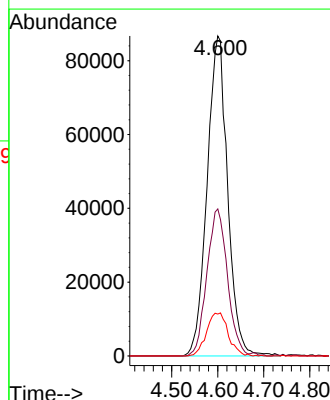
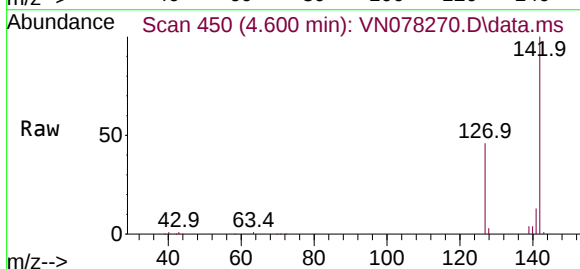
Manual Integrations
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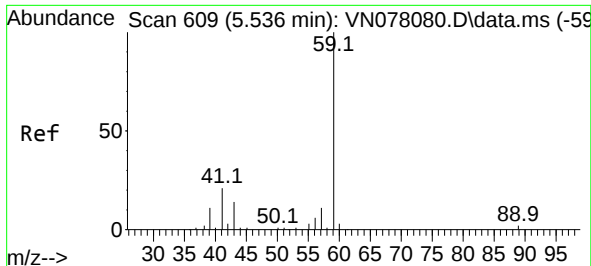
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 44.830 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

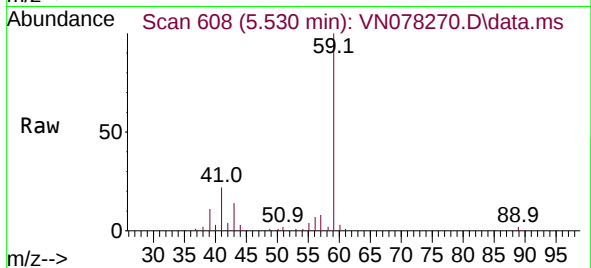
Tgt Ion:142 Resp: 268541
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 13.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 225.546 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

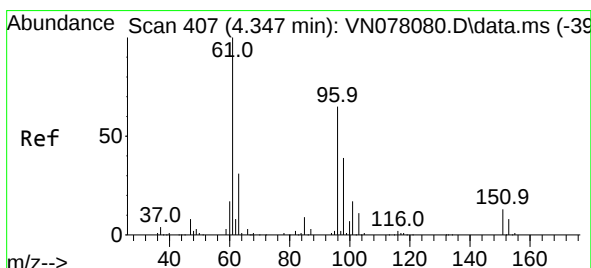
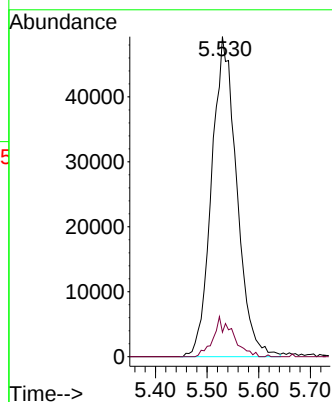
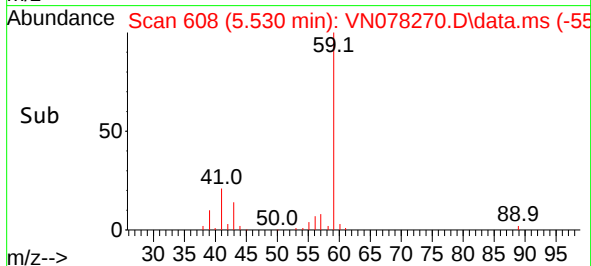
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 16603
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

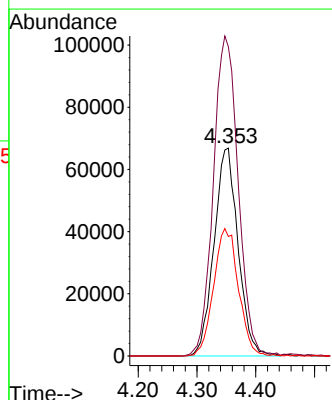
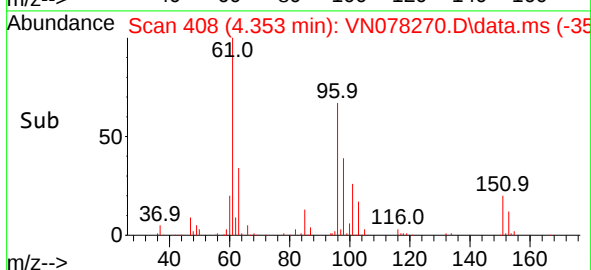
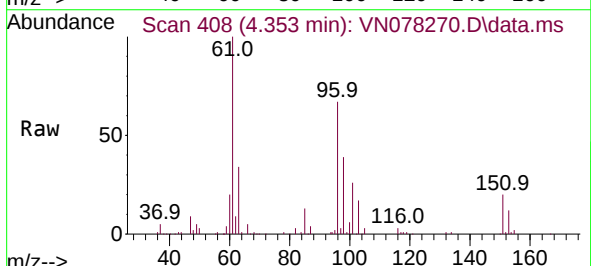
Manual Integrations
APPROVED

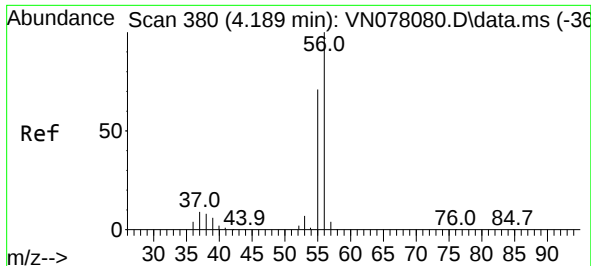
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#12
1,1-Dichloroethene
Concen: 43.529 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 96 Resp: 190065
Ion Ratio Lower Upper
96 100
61 148.7 112.7 169.1
98 57.5 51.2 76.8





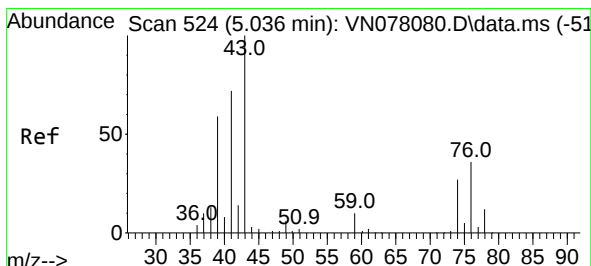
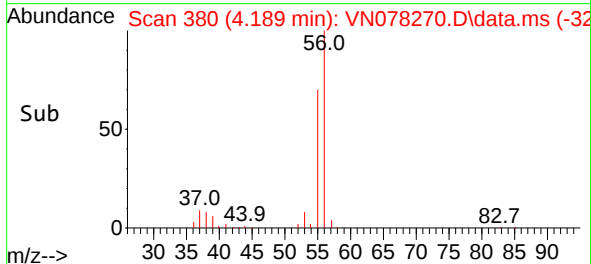
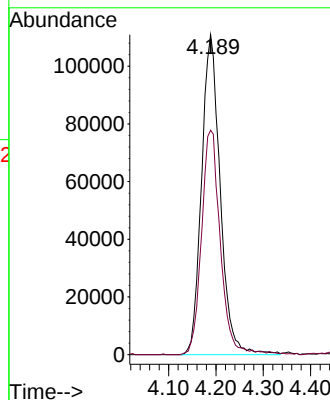
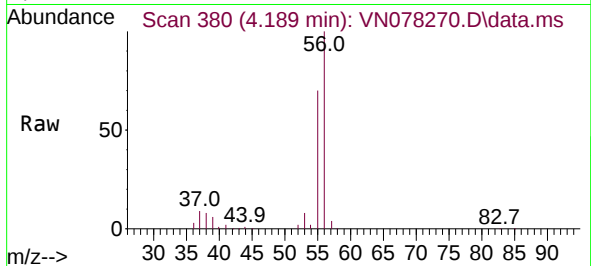
#13
Acrolein
Concen: 373.963 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 303404
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

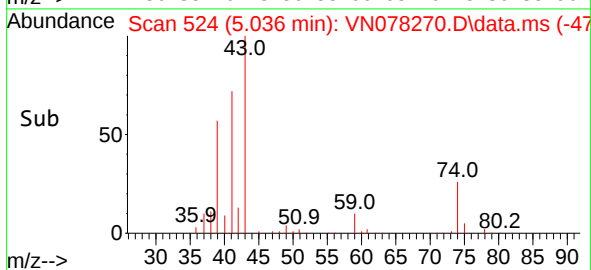
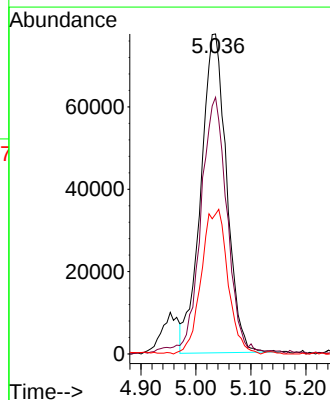
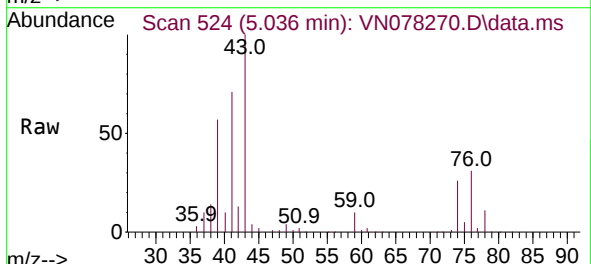
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 47.216 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

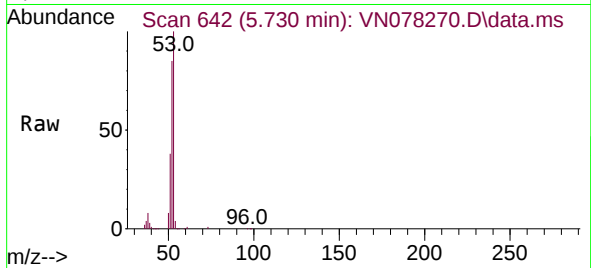
Tgt Ion: 41 Resp: 251663
Ion Ratio Lower Upper
41 100
39 83.5 58.8 88.2
76 46.7 39.1 58.7





#15
Acrylonitrile
Concen: 250.286 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

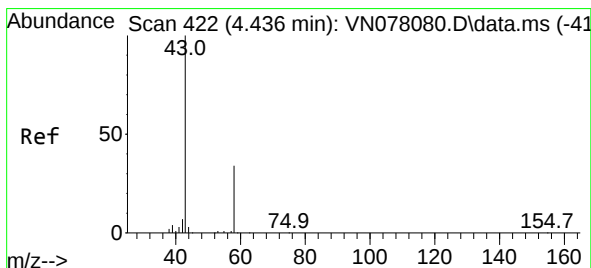
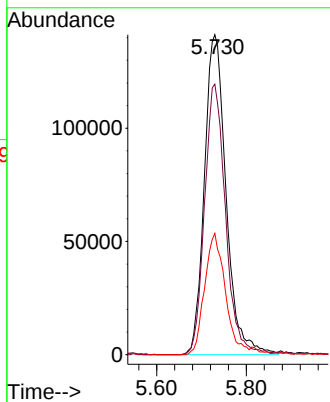
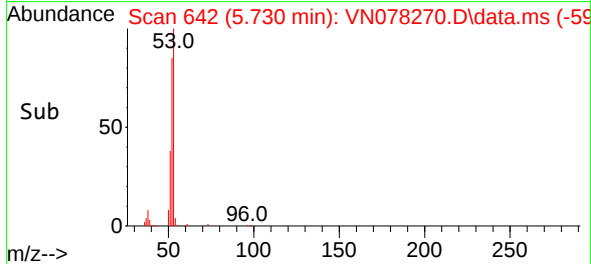
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 475012
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.1 28.9 43.3

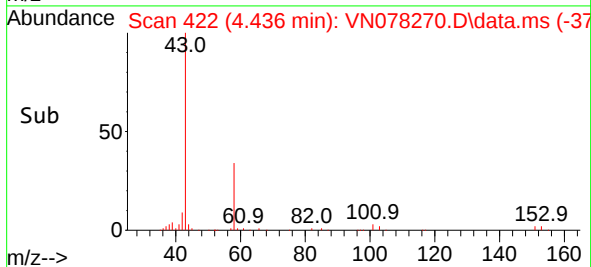
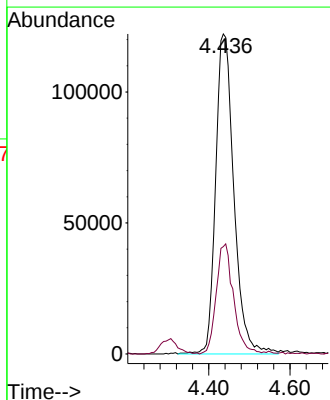
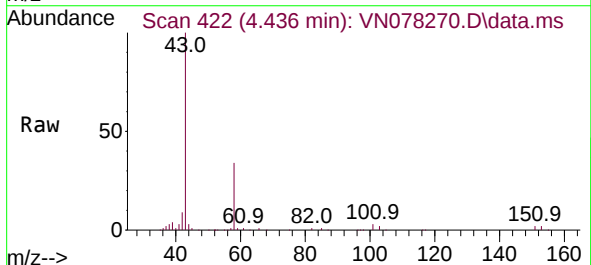
Manual Integrations
APPROVED

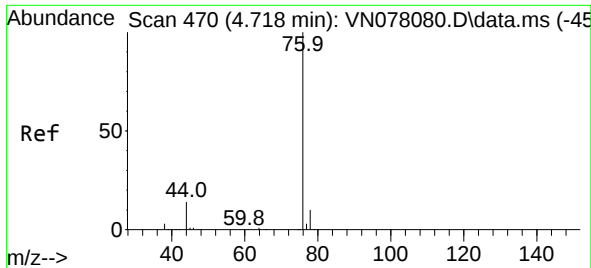
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 248.748 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 43 Resp: 381713
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0





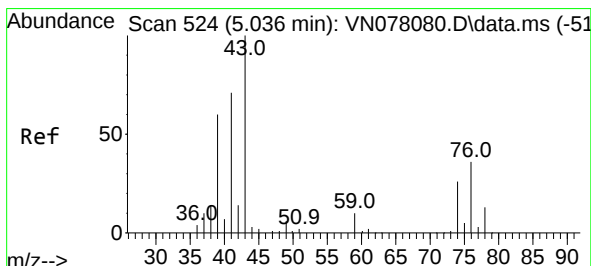
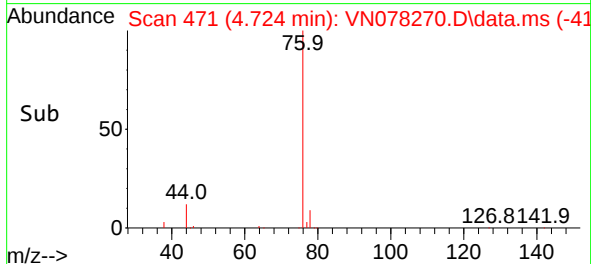
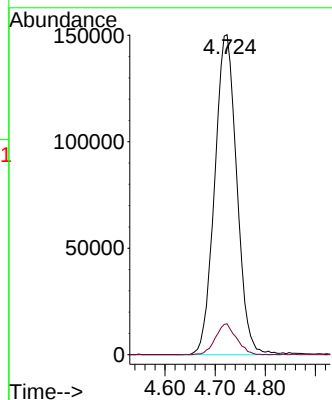
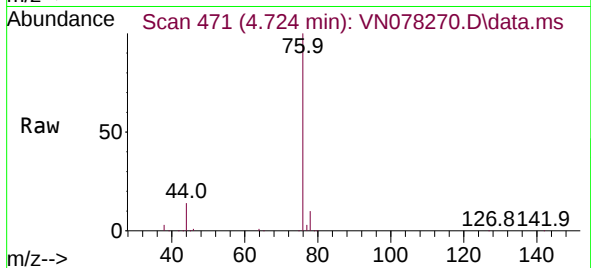
#17
Carbon Disulfide
Concen: 40.959 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 460332
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

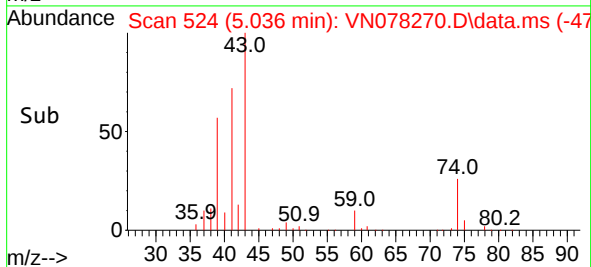
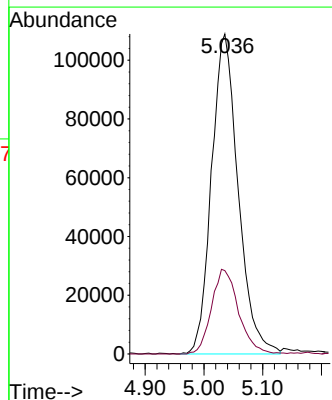
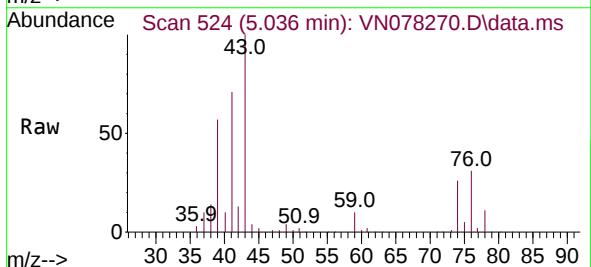
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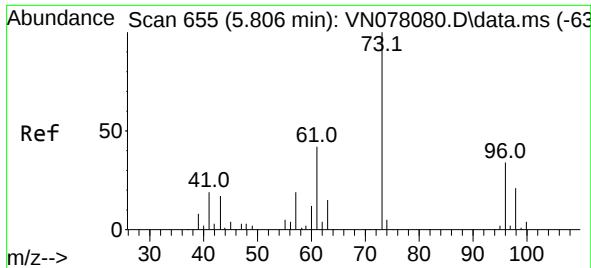
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 48.596 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 43 Resp: 343332
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





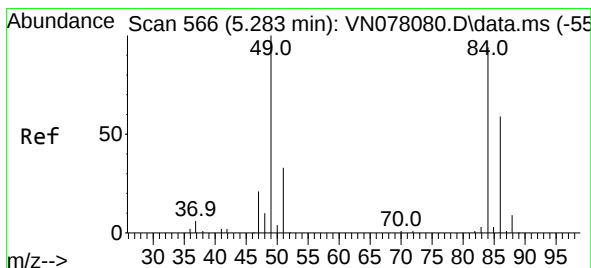
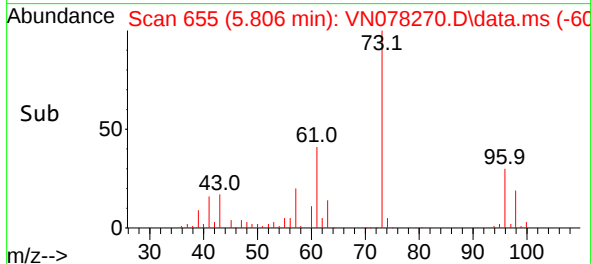
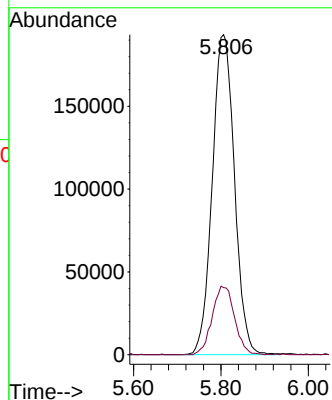
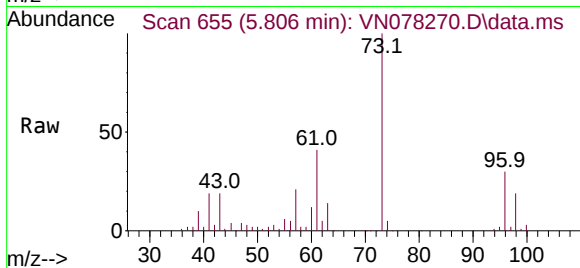
#19
Methyl tert-butyl Ether
Concen: 48.876 ug/l
RT: 5.806 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 680909
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

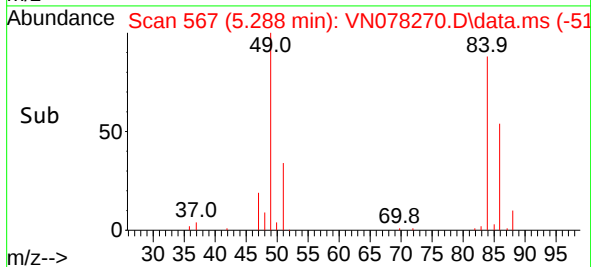
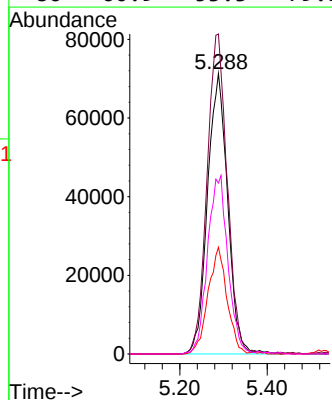
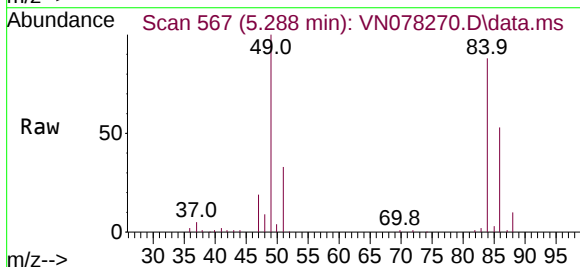
Manual Integrations
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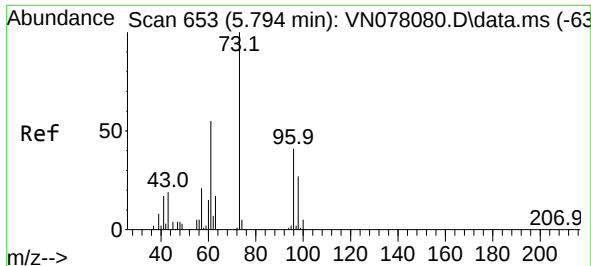
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 45.141 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

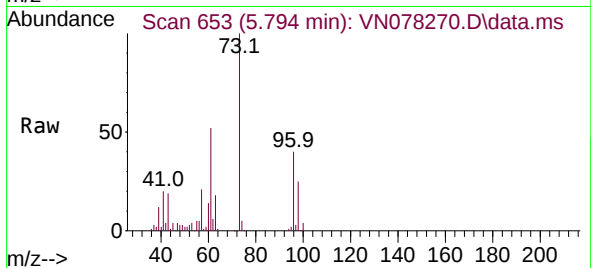
Tgt Ion: 84 Resp: 228909
Ion Ratio Lower Upper
84 100
49 114.1 79.7 119.5
51 38.1 25.2 37.8#
86 60.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 45.436 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

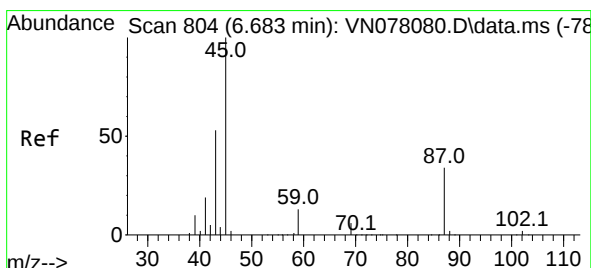
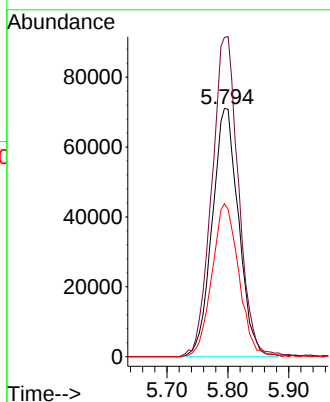
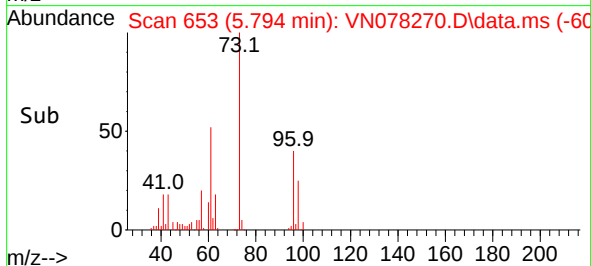
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 213970
Ion Ratio Lower Upper
96 100
61 128.6 90.1 135.1
98 61.6 46.4 69.6

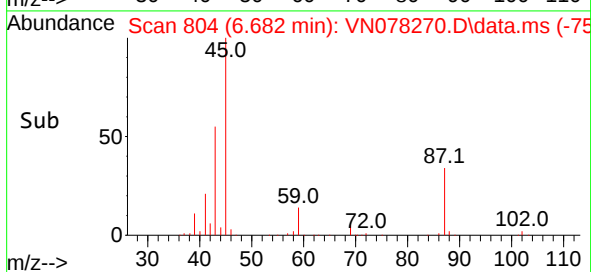
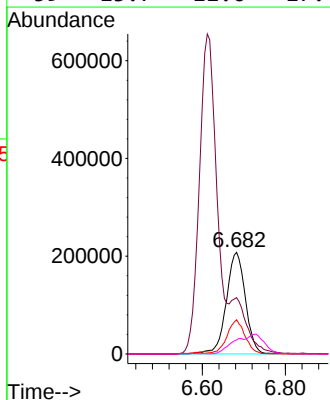
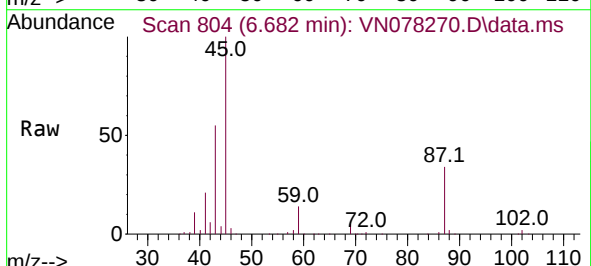
Manual Integrations
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Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 52.763 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

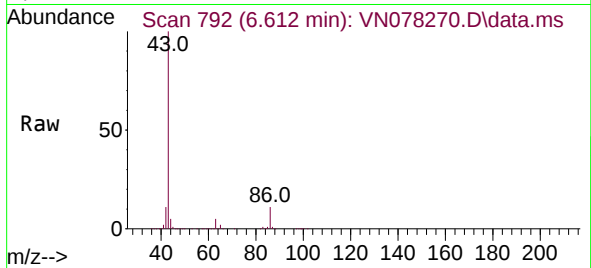
Tgt Ion: 45 Resp: 661526
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 33.6 31.8 47.8
59 13.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 257.218 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04

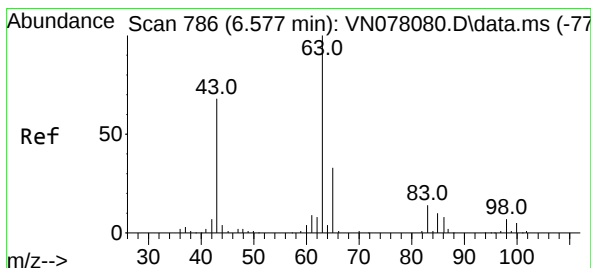
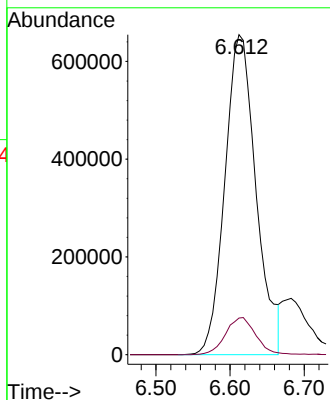
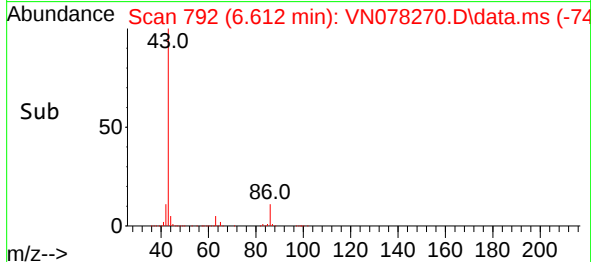
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



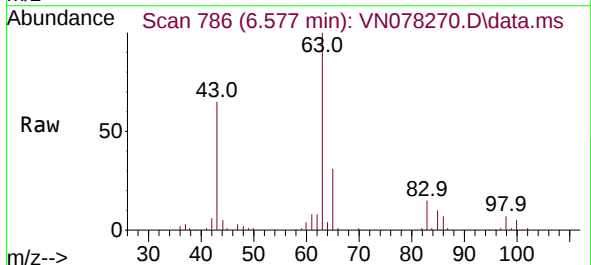
Tgt Ion: 43 Resp: 1917010
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
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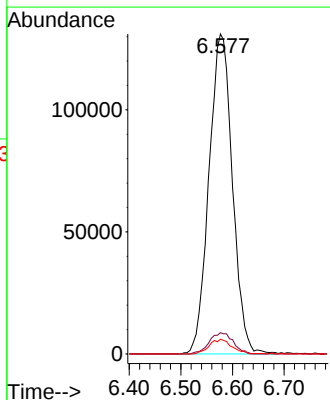
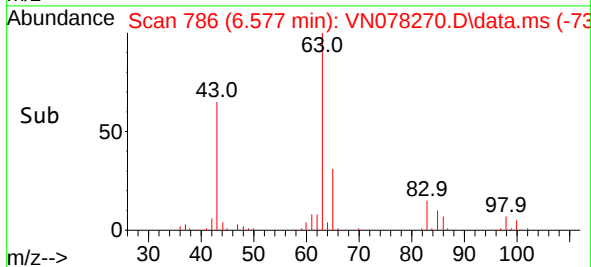
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#24
 1,1-Dichloroethane
 Concen: 49.918 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04



Tgt Ion: 63 Resp: 412863
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.6 2.5 7.4





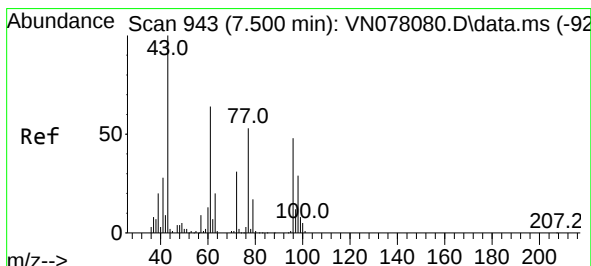
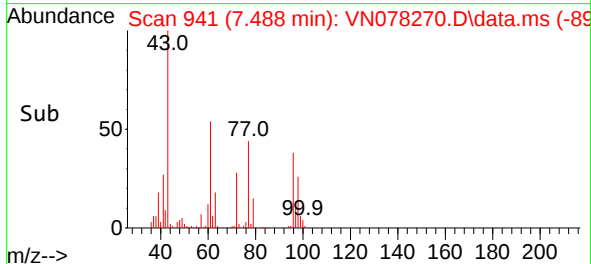
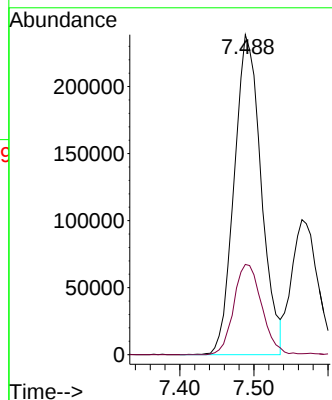
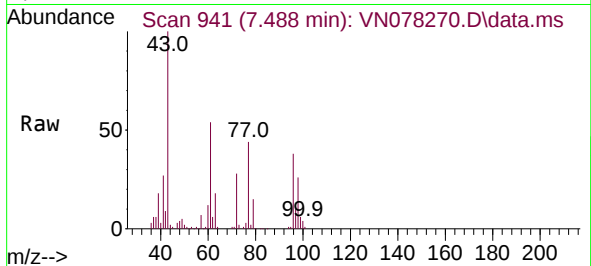
#25
2-Butanone
Concen: 256.107 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 604359
Ion Ratio Lower Upper
43 100
72 28.2 30.2 45.2

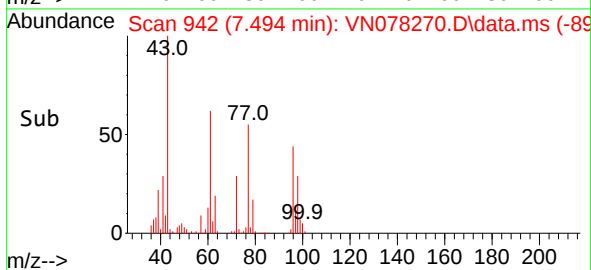
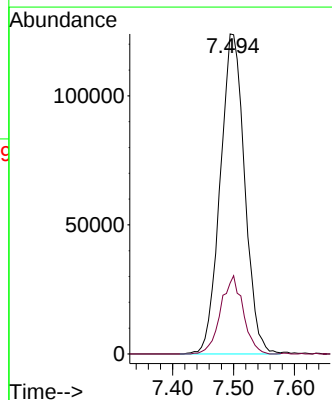
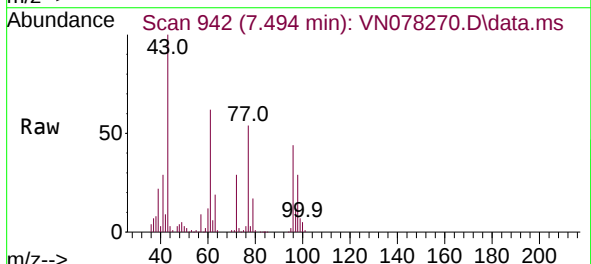
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 56.575 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

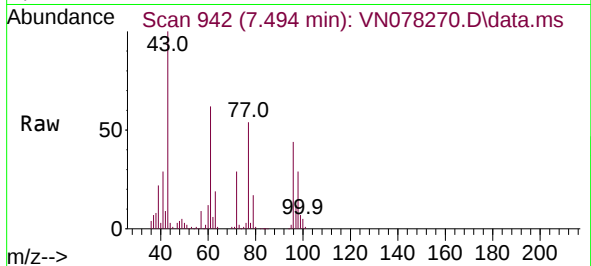
Tgt Ion: 77 Resp: 345496
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 46.887 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04

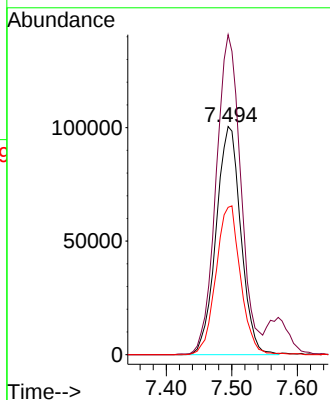
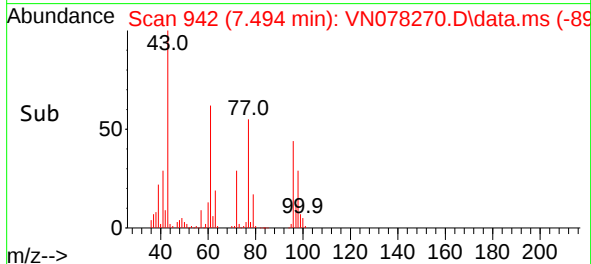
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 263390
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 255.2
 98 64.8 0.0 128.8

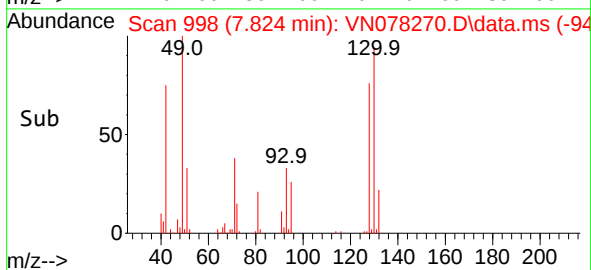
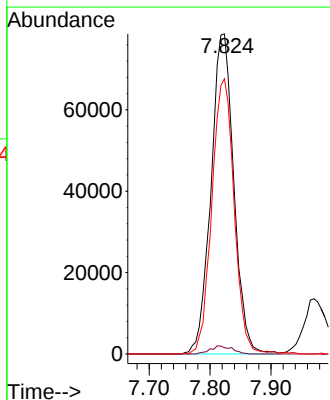
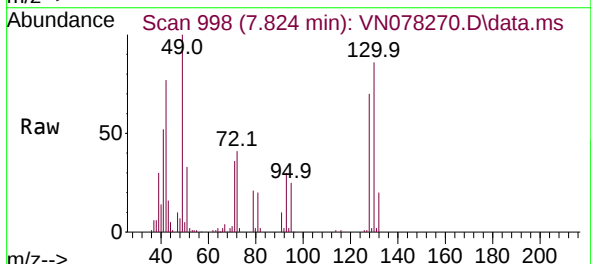
Manual Integrations
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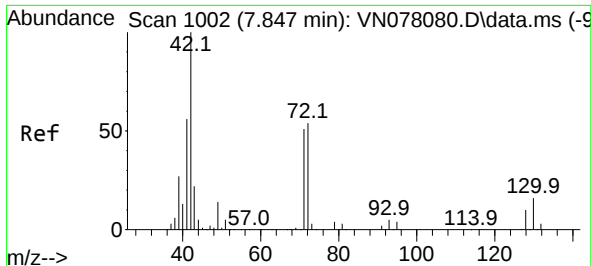
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 53.993 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04

Tgt Ion: 49 Resp: 205037
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 83.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 250.165 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 39464

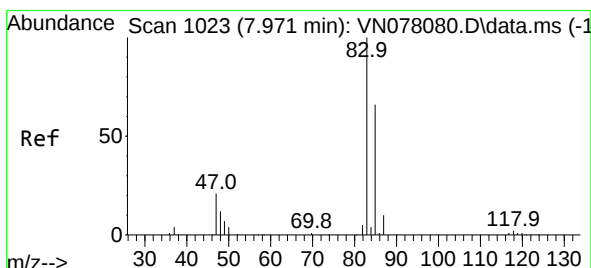
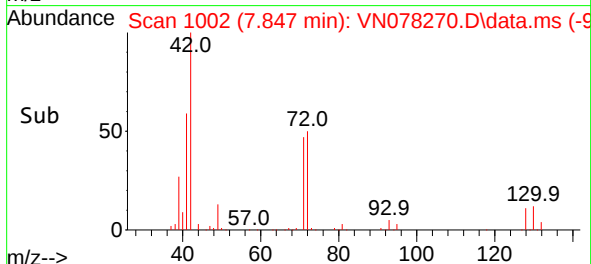
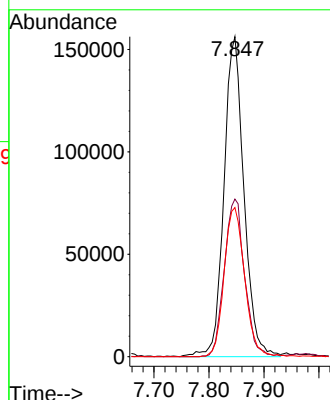
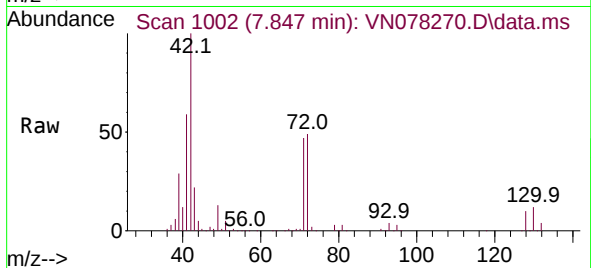
Ion	Ratio	Lower	Upper
42	100		
72	50.0	49.8	74.6
71	47.9	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 50.452 ug/l

RT: 7.971 min Scan# 1023

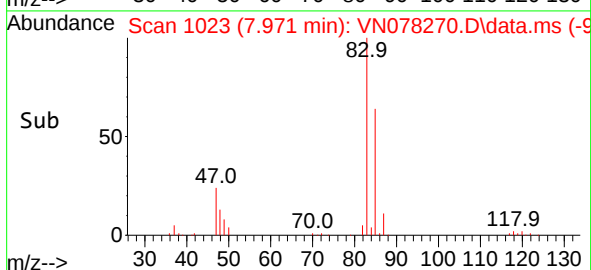
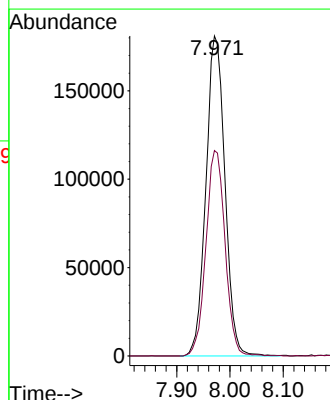
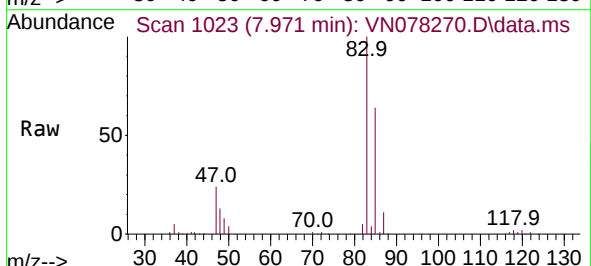
Delta R.T. -0.000 min

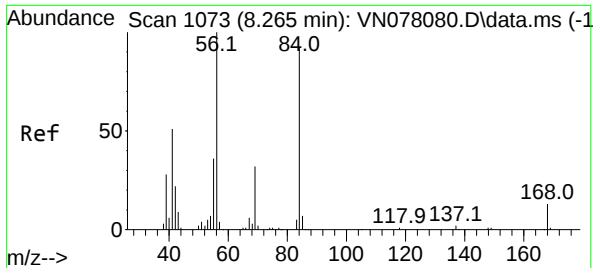
Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Tgt Ion: 83 Resp: 449328

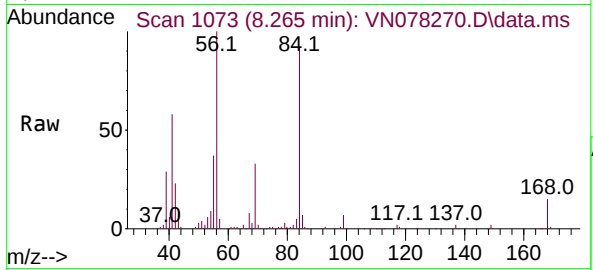
Ion	Ratio	Lower	Upper
83	100		
85	64.2	55.4	83.0





#31
Cyclohexane
Concen: 46.062 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

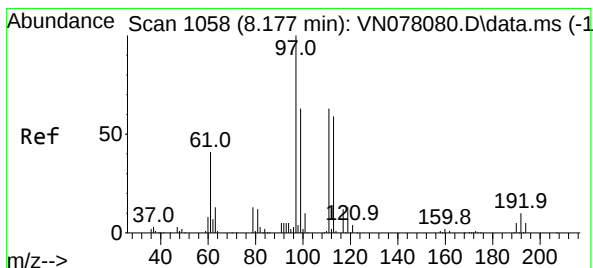
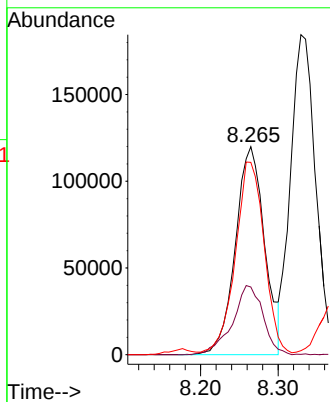
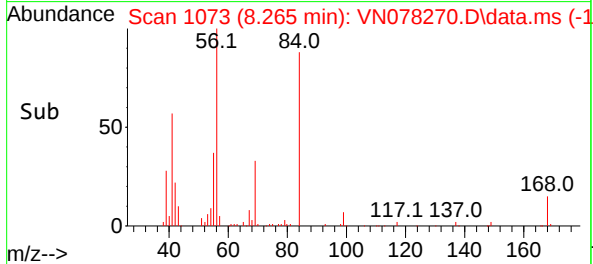
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 31501
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 90.1 81.8 122.6

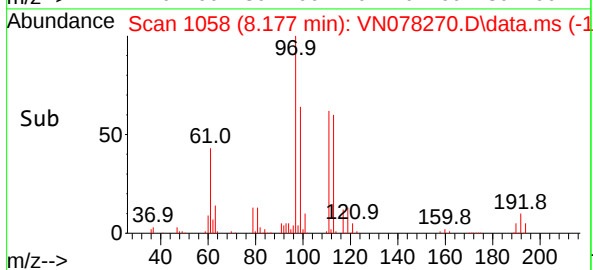
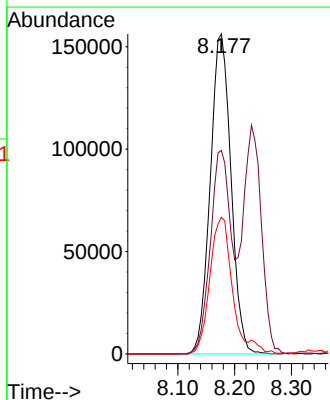
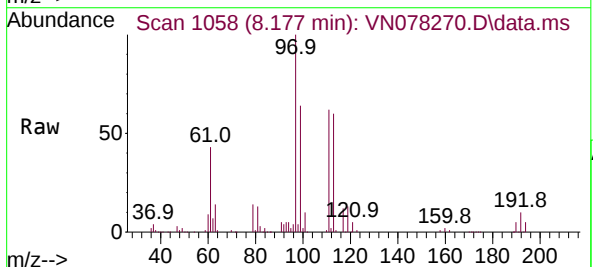
Manual Integrations
APPROVED

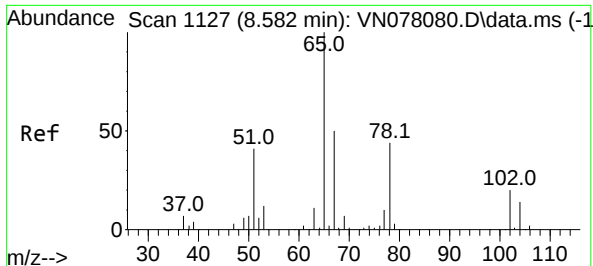
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#32
1,1,1-Trichloroethane
Concen: 50.701 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 97 Resp: 396429
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 46.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.073 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 282948

Ion Ratio Lower Upper

65 100

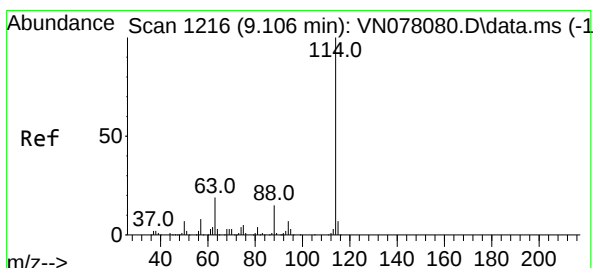
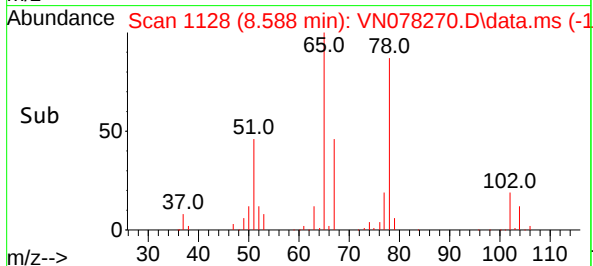
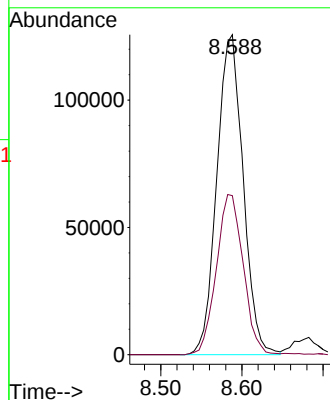
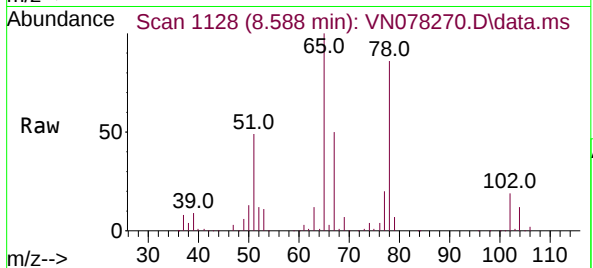
67 51.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

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: VN078270.D

Acq: 19 Jun 2023 11:04

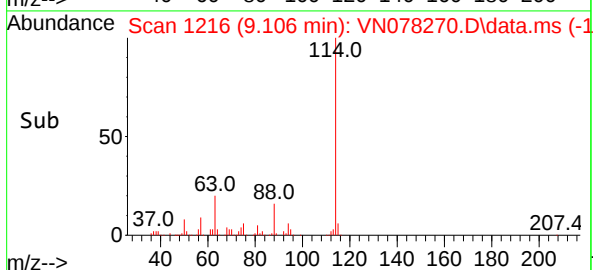
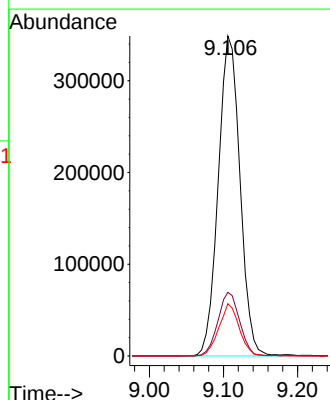
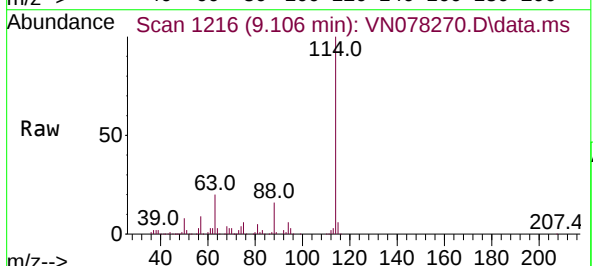
Tgt Ion:114 Resp: 710205

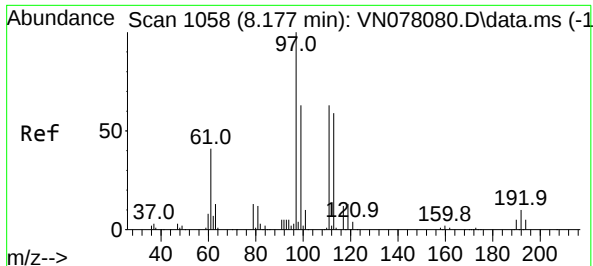
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

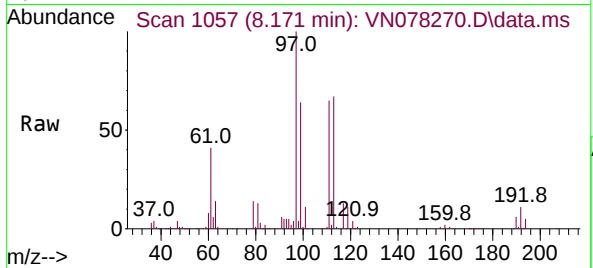
88 16.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.861 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

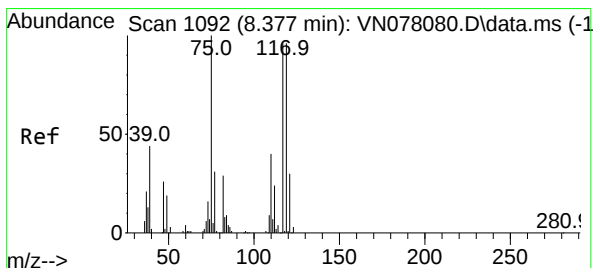
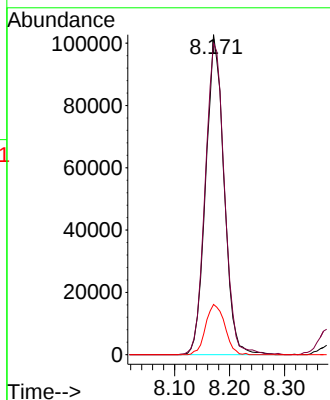
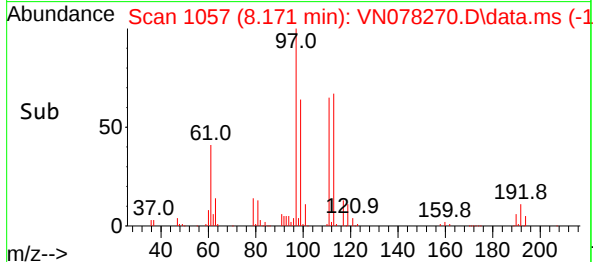
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



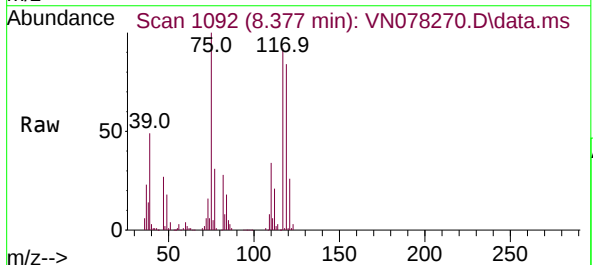
Tgt Ion: 113 Resp: 23737
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.5 12.7 19.1

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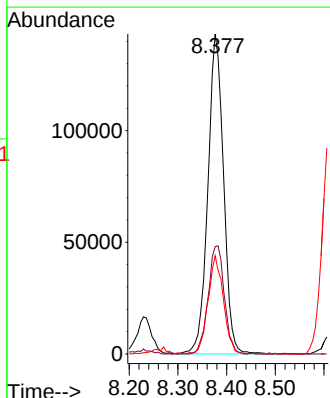
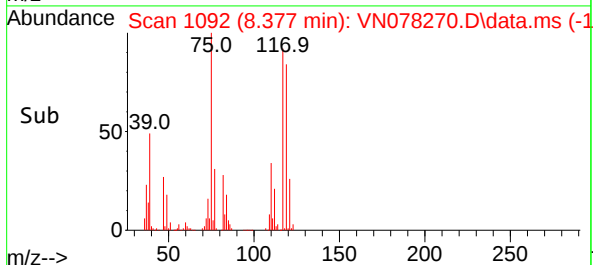
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

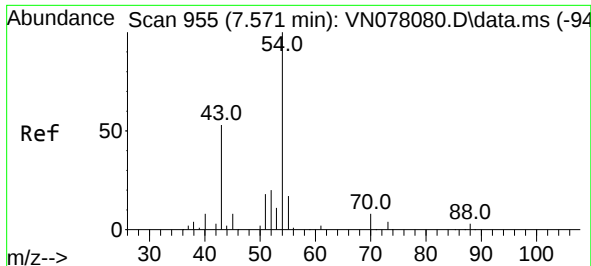


#36
1,1-Dichloropropene
Concen: 49.690 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



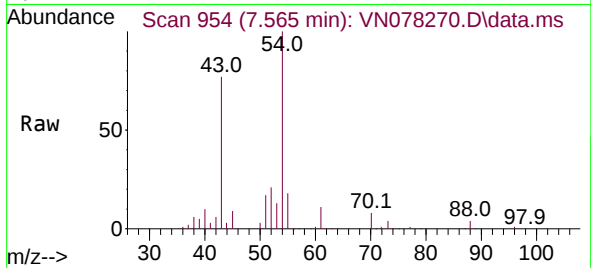
Tgt Ion: 75 Resp: 320057
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 30.0 25.0 37.4





#37
Ethyl Acetate
Concen: 50.660 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

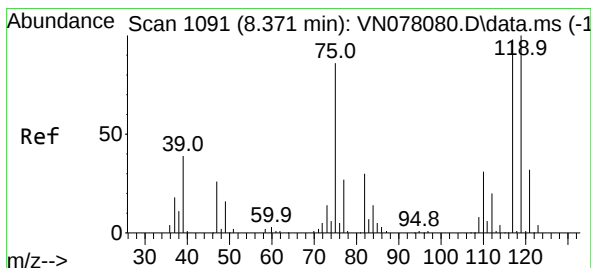
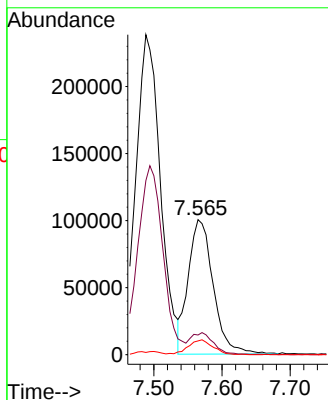
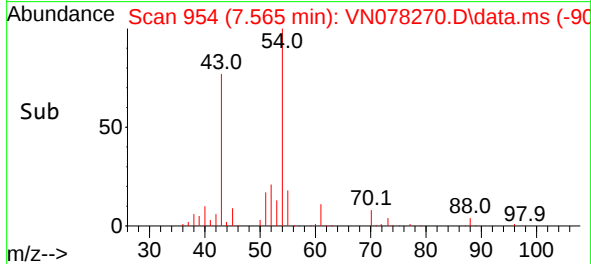
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 254912
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 11.0 11.3 16.9

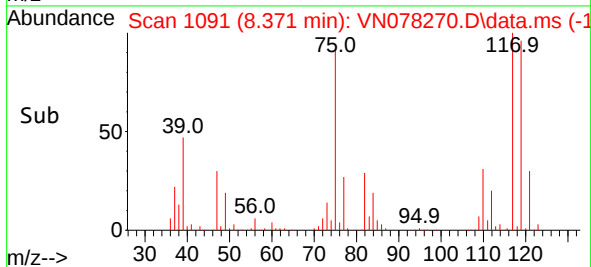
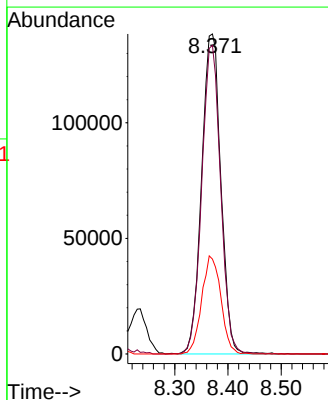
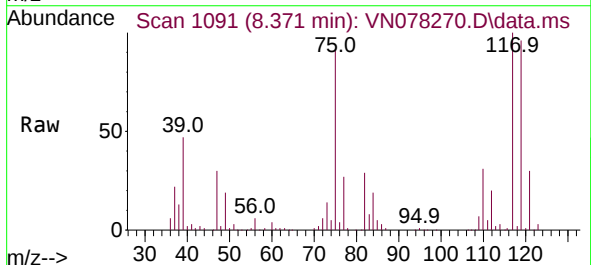
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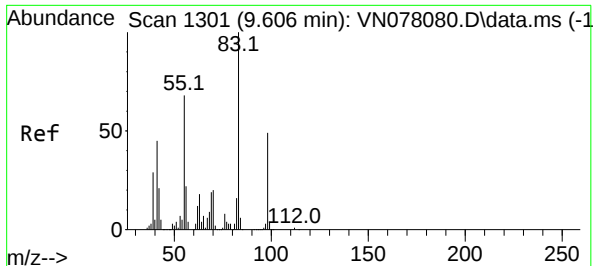
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 51.045 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion:117 Resp: 347168
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 43.483 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29025

Ion Ratio Lower Upper

83 100

55 69.4 49.1 73.7

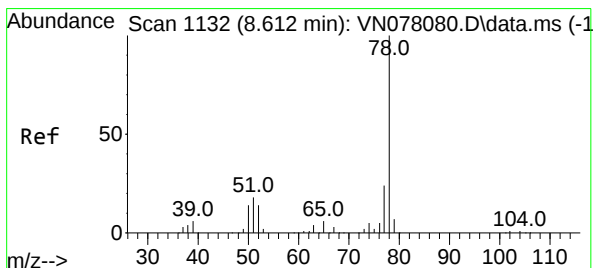
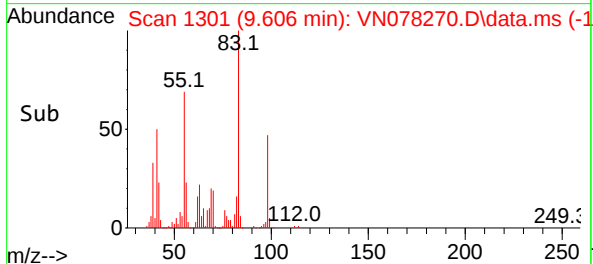
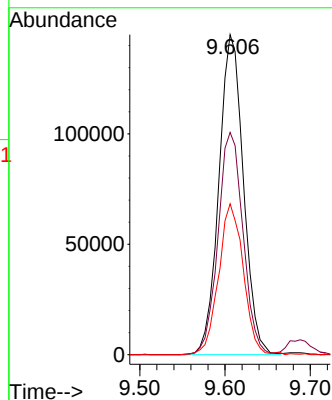
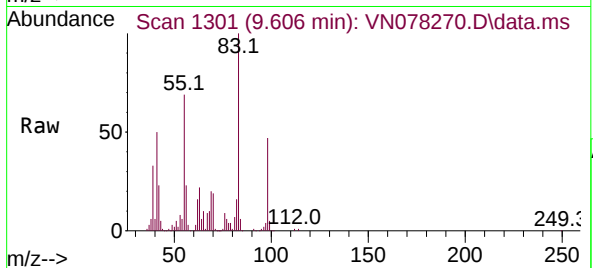
98 47.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 49.626 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078270.D

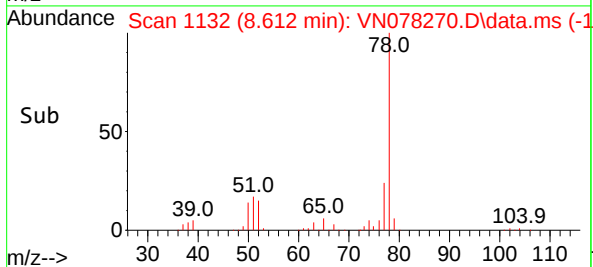
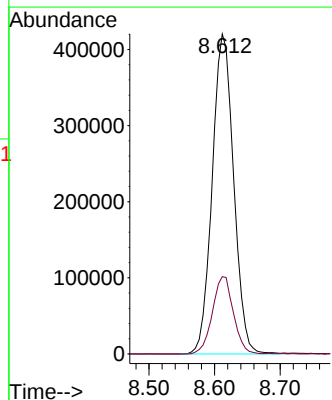
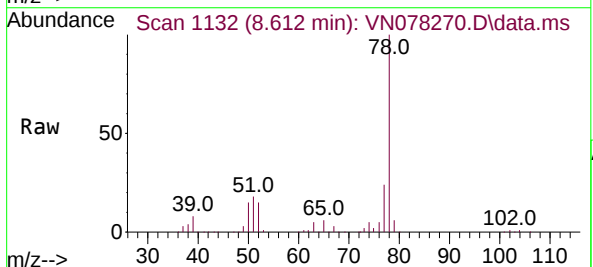
Acq: 19 Jun 2023 11:04

Tgt Ion: 78 Resp: 954294

Ion Ratio Lower Upper

78 100

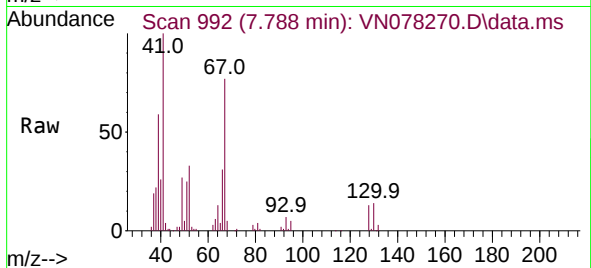
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 50.136 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

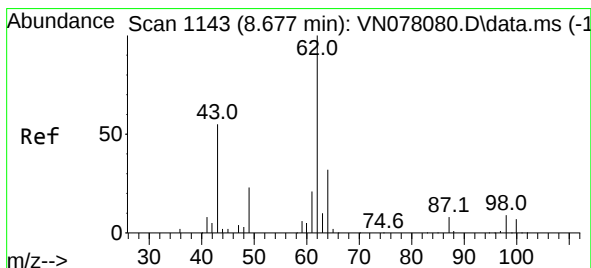
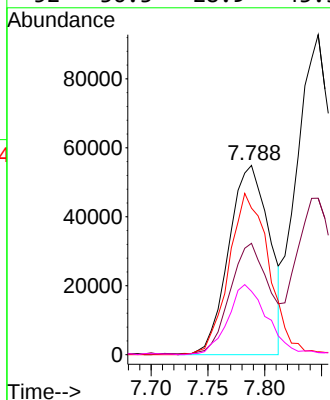
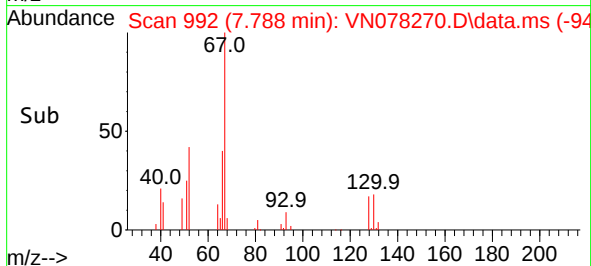
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 136742
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 84.8 77.5 116.3
52 36.3 28.9 43.3

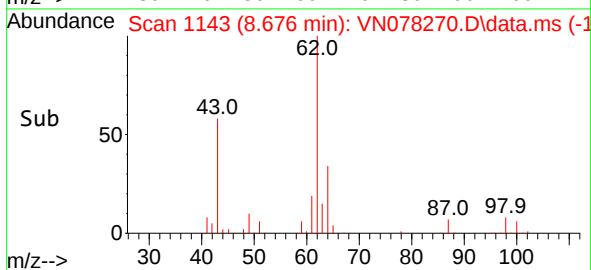
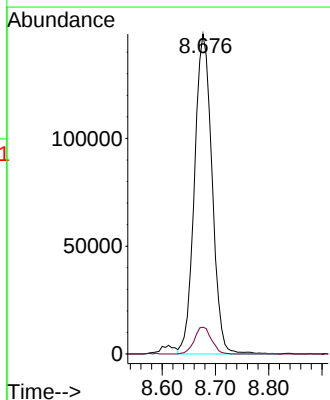
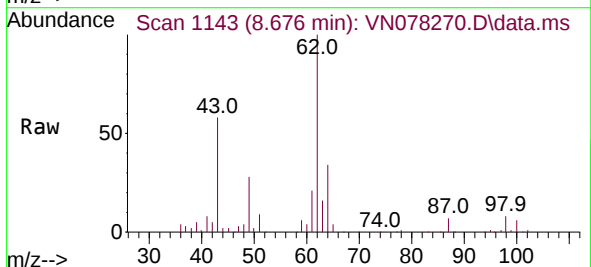
Manual Integrations
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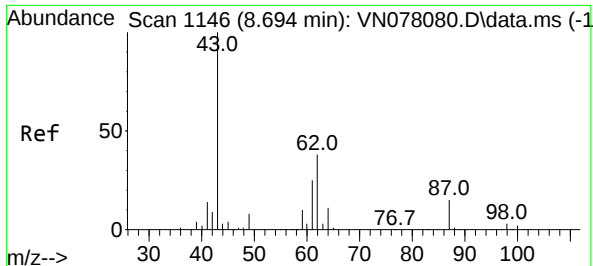
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 51.467 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

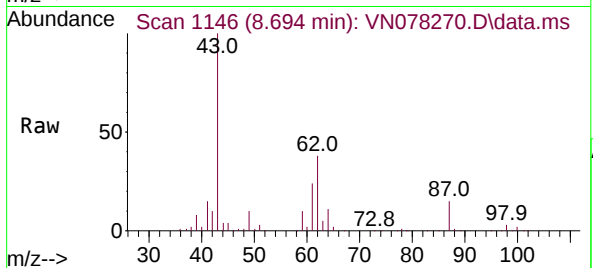
Tgt Ion: 62 Resp: 339336
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 47.572 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

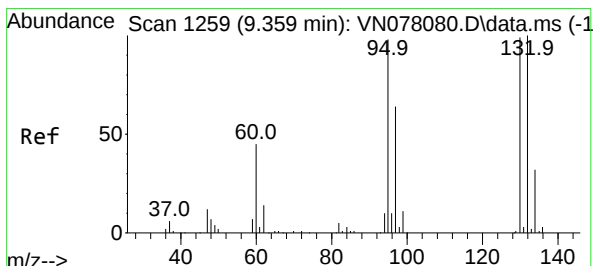
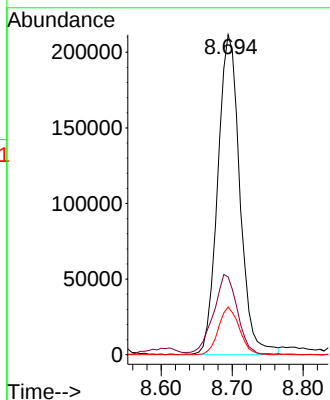
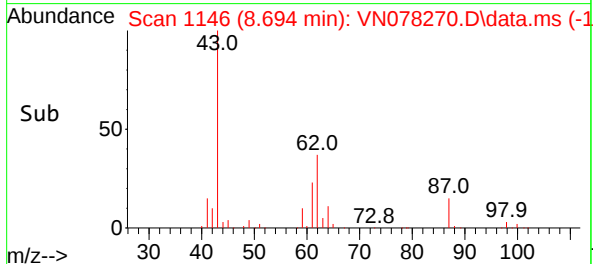
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



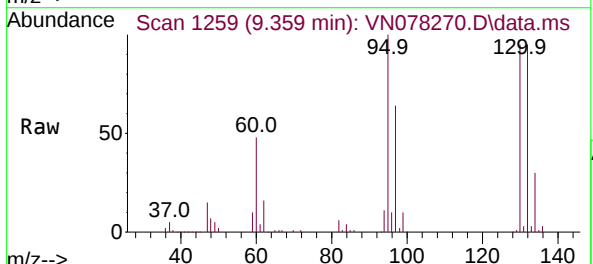
Tgt Ion: 43 Resp: 457794
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 14.0 14.6 21.8

Manual Integrations
APPROVED

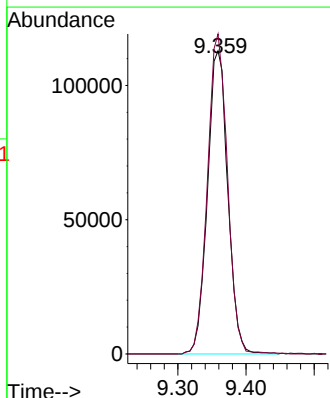
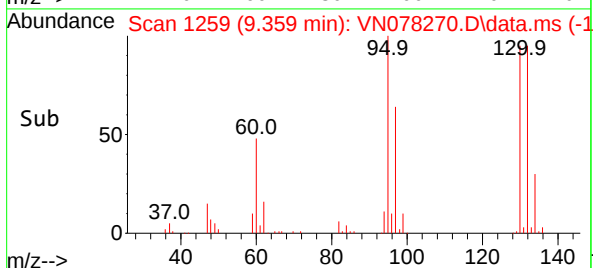
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

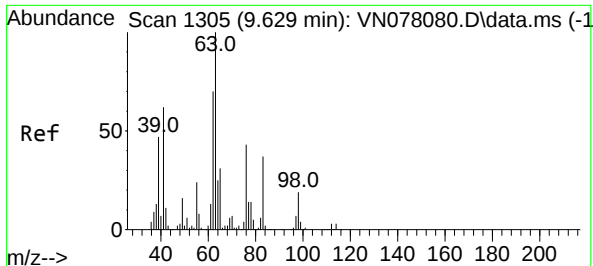


#44
Trichloroethene
Concen: 46.040 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



Tgt Ion:130 Resp: 233804
Ion Ratio Lower Upper
130 100
95 105.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.899 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 248300

Ion Ratio Lower Upper

63 100

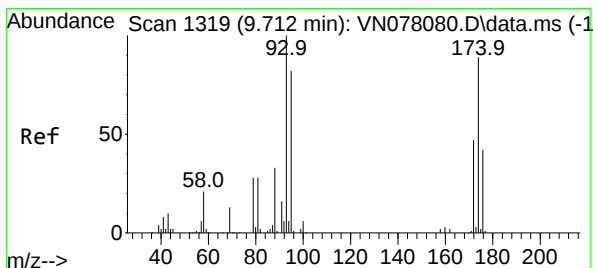
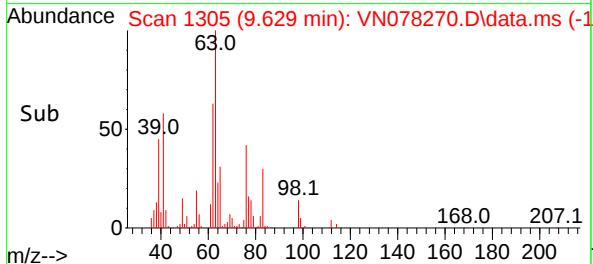
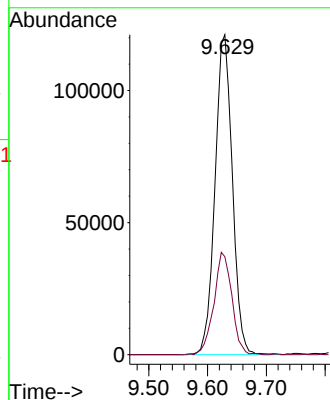
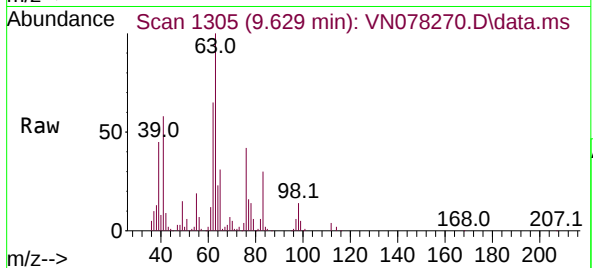
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 49.074 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

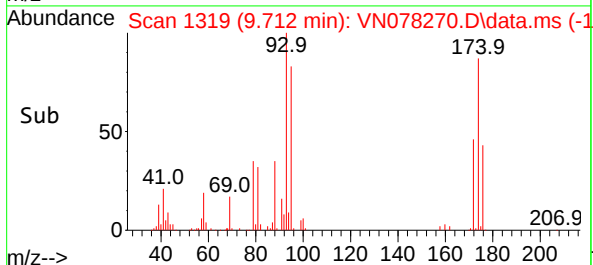
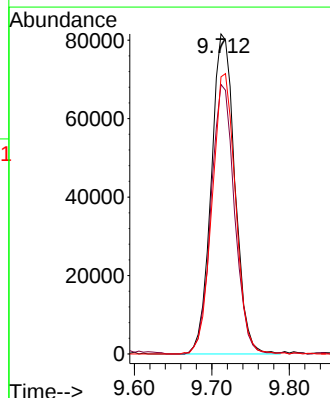
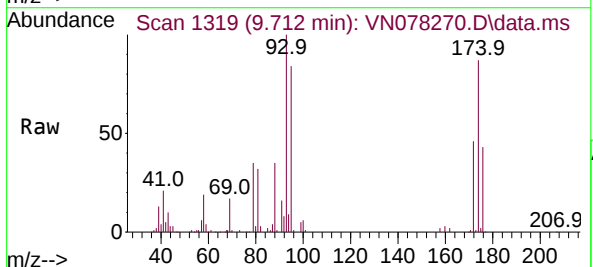
Tgt Ion: 93 Resp: 172934

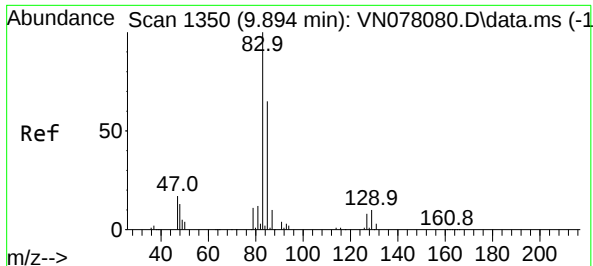
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

174 86.7 65.6 98.4





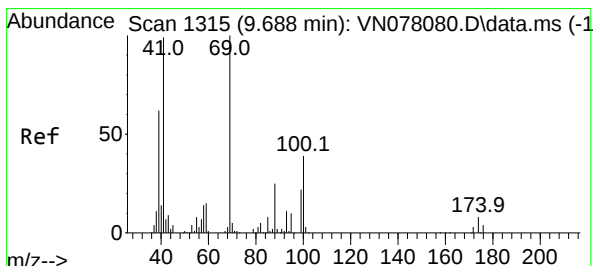
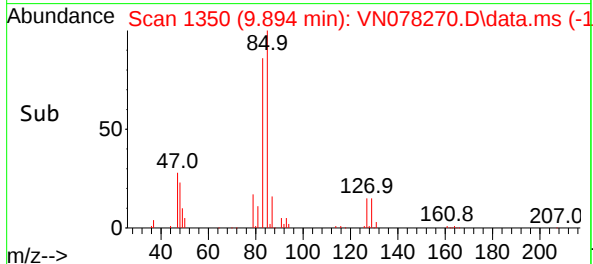
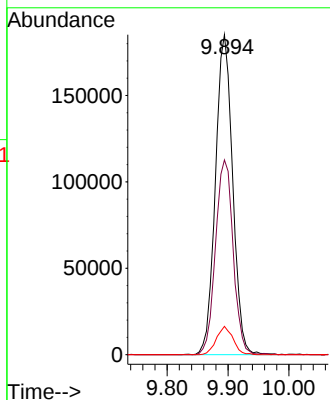
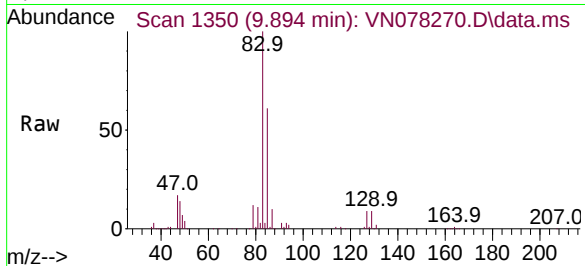
#47
Bromodichloromethane
Concen: 55.628 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36413
Ion Ratio Lower Upper
83 100
85 60.8 49.6 74.4
127 8.8 7.0 10.6

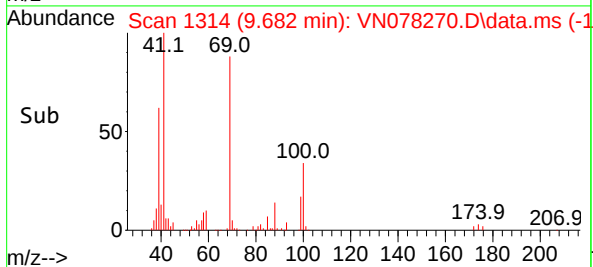
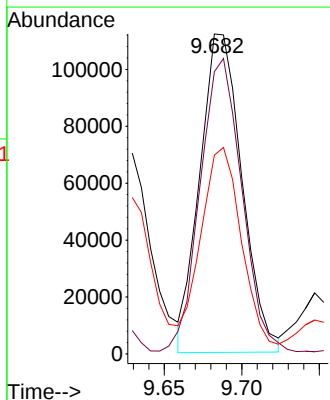
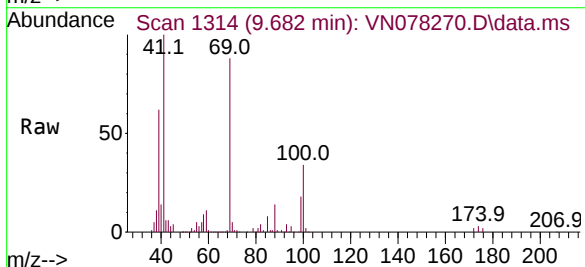
Manual Integrations
APPROVED

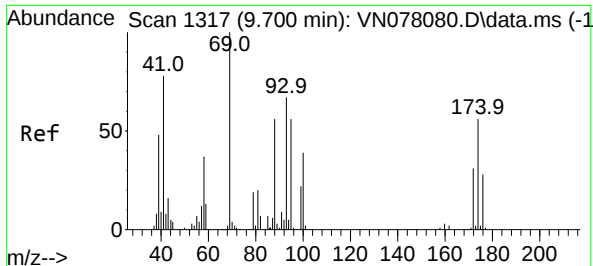
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#48
Methyl methacrylate
Concen: 52.290 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 41 Resp: 211170
Ion Ratio Lower Upper
41 100
69 91.9 90.4 135.6
39 63.5 54.6 81.8





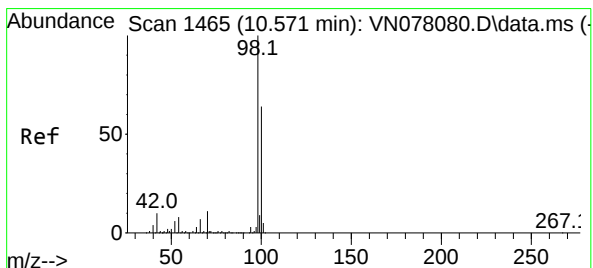
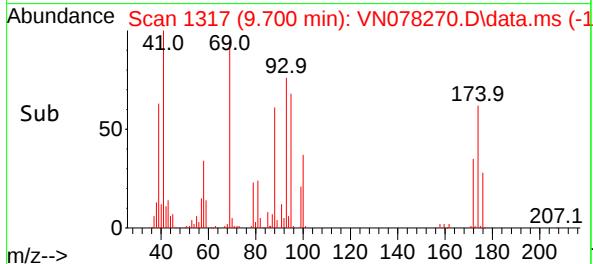
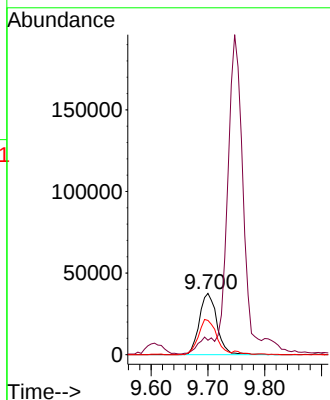
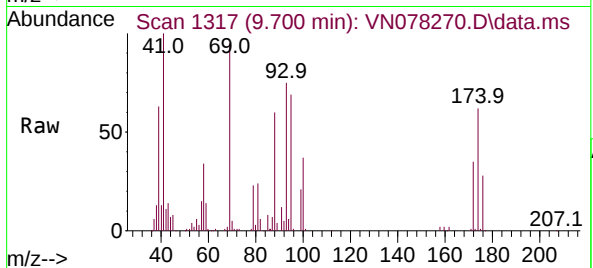
#49
1,4-Dioxane
Concen: 953.341 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 80918
Ion Ratio Lower Upper
88 100
43 17.0 17.0 25.6
58 58.5 47.0 70.4

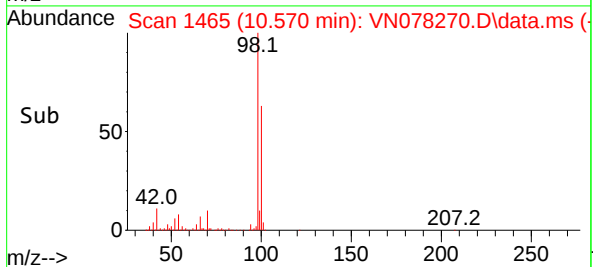
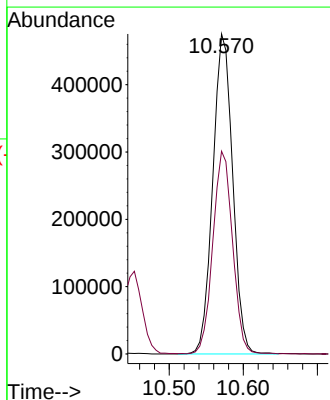
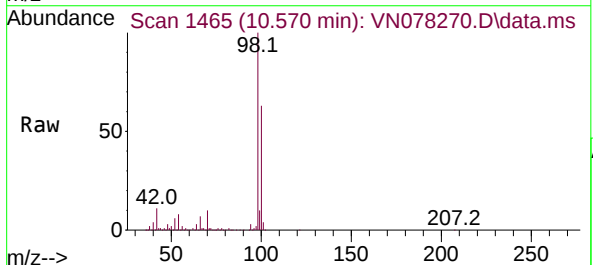
Manual Integrations
APPROVED

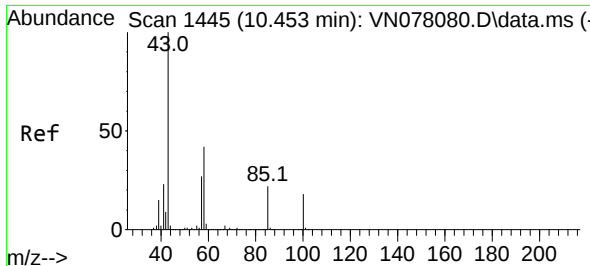
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#50
Toluene-d8
Concen: 51.076 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 98 Resp: 884192
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





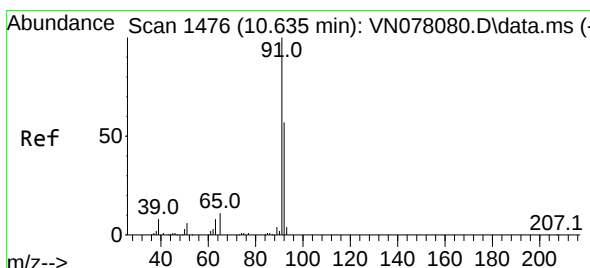
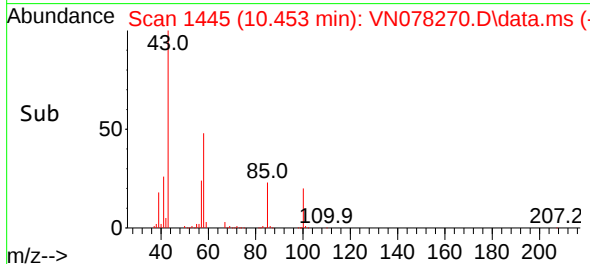
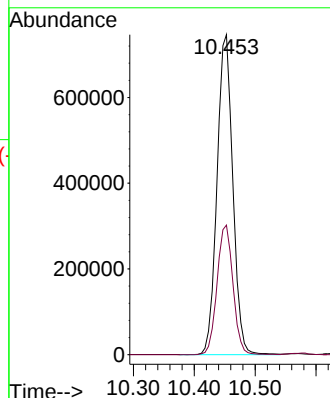
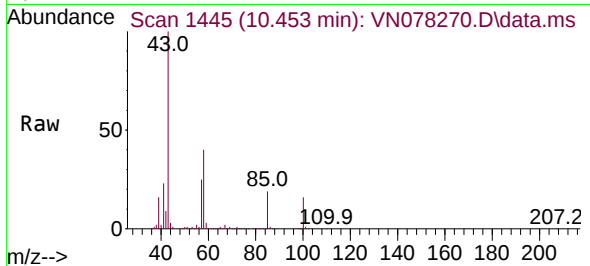
#51
4-Methyl-2-Pentanone
Concen: 264.922 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 134247
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

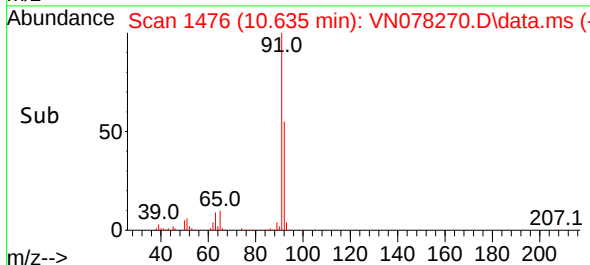
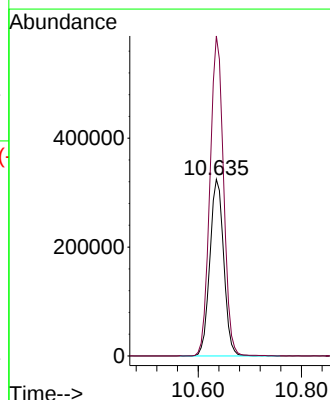
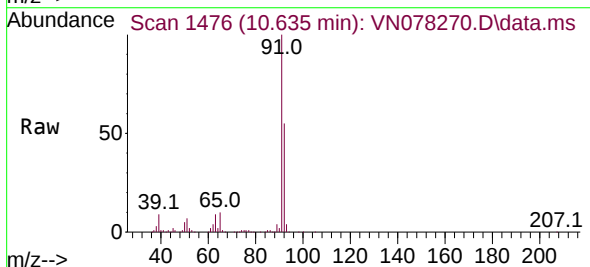
Manual Integrations
APPROVED

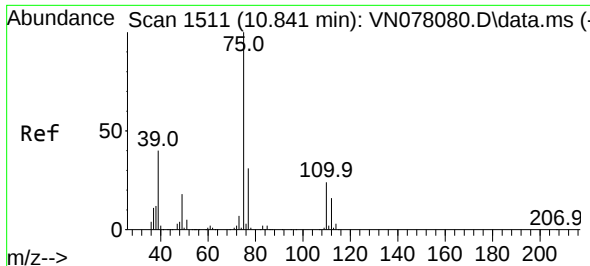
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 49.682 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

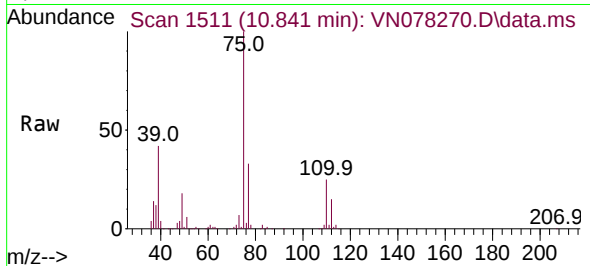
Tgt Ion: 92 Resp: 603191
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.348 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

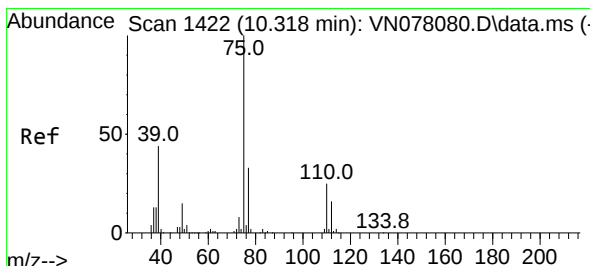
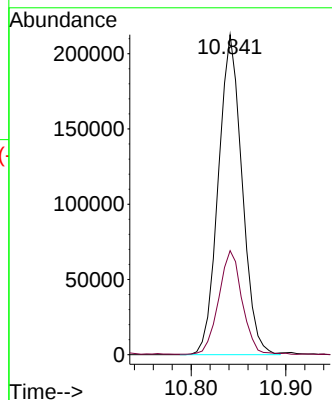
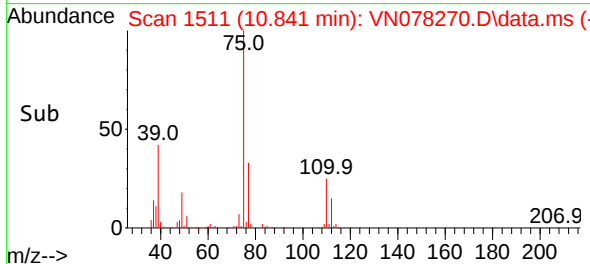
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 370504
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

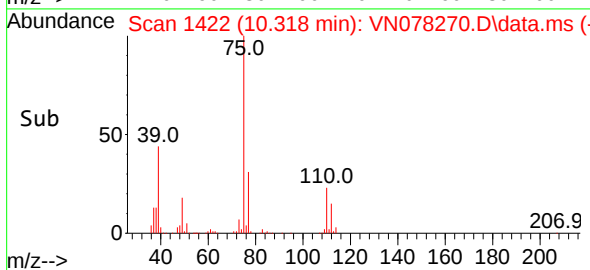
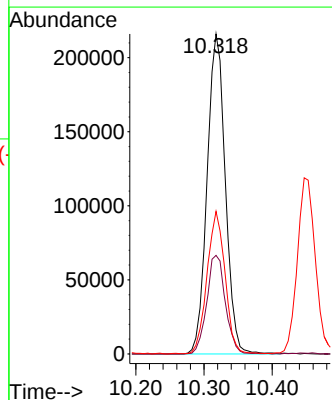
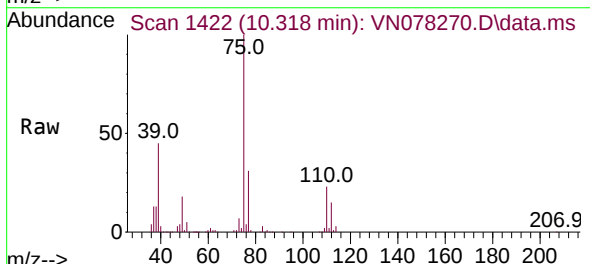
Manual Integrations
APPROVED

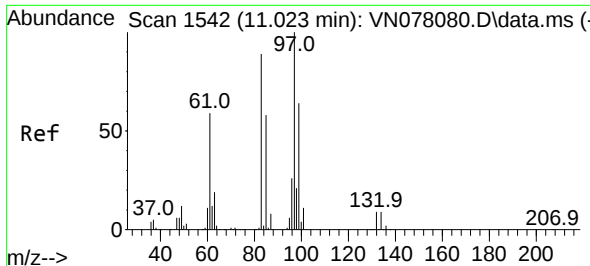
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 53.312 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

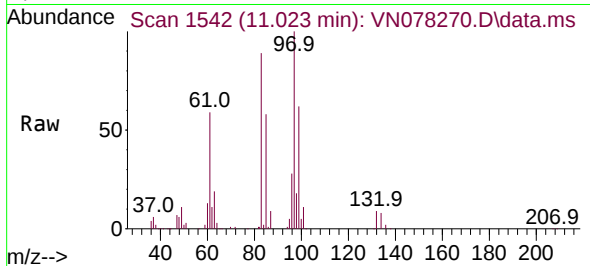
Tgt Ion: 75 Resp: 401753
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 44.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.409 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

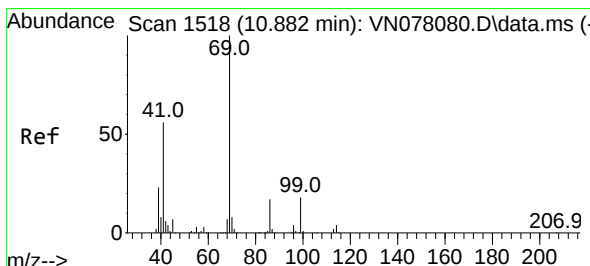
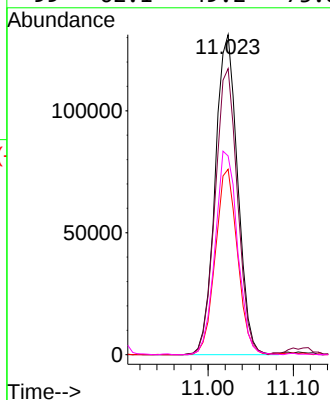
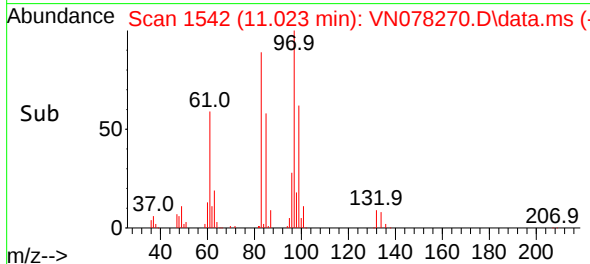
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



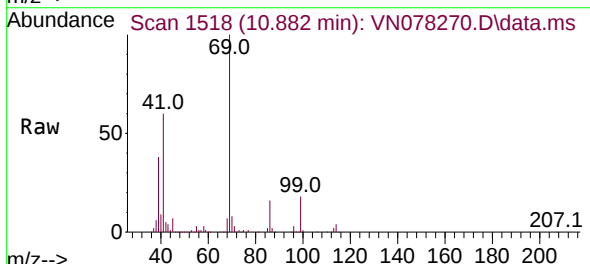
Tgt Ion: 97 Resp: 240700
Ion Ratio Lower Upper
97 100
83 89.4 65.1 97.7
85 57.9 43.4 65.2
99 62.1 49.2 73.8

Manual Integrations
APPROVED

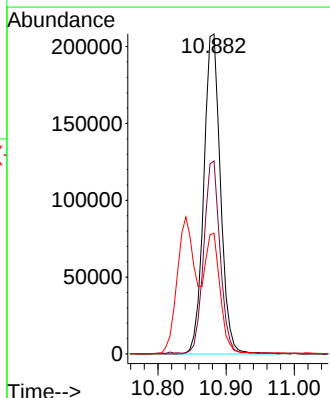
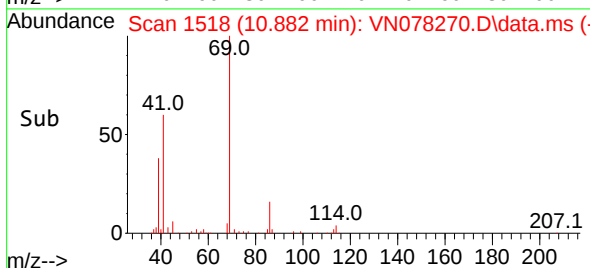
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#56
Ethyl methacrylate
Concen: 52.983 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



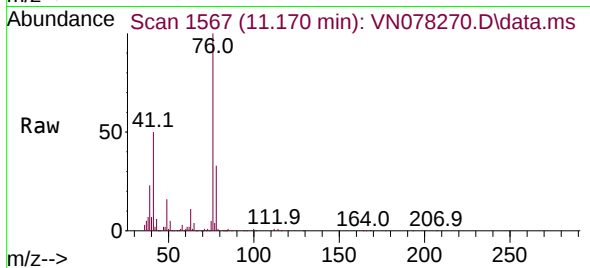
Tgt Ion: 69 Resp: 354325
Ion Ratio Lower Upper
69 100
41 58.5 39.6 59.4
39 32.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.687 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

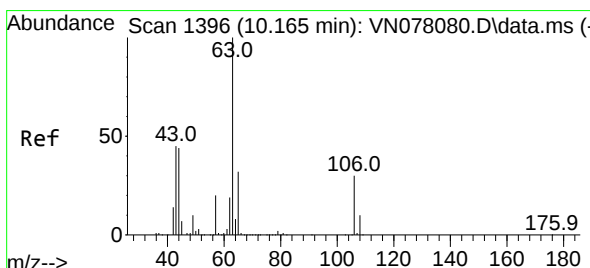
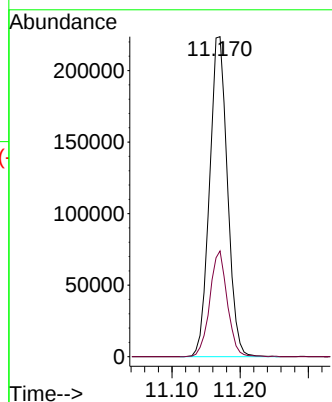
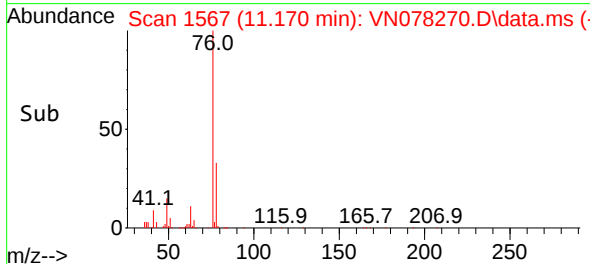
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 408458
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

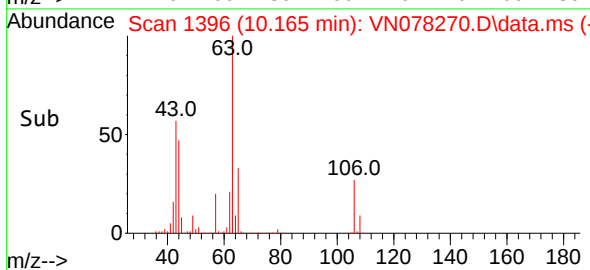
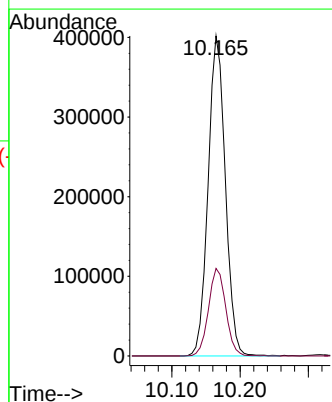
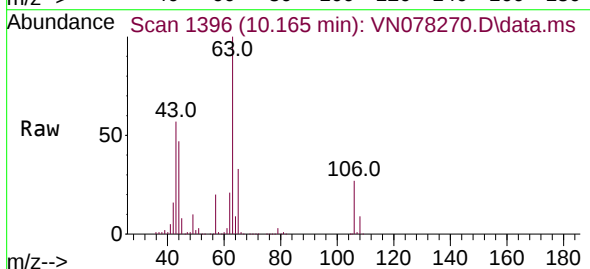
Manual Integrations
APPROVED

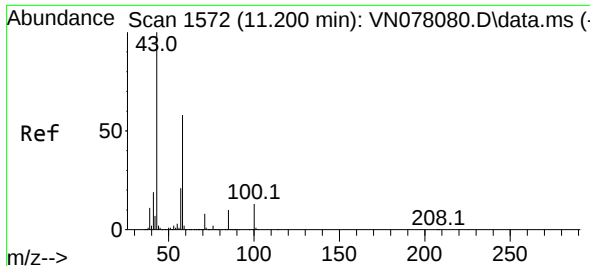
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 261.281 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

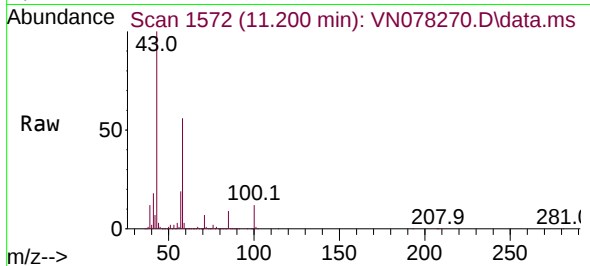
Tgt Ion: 63 Resp: 705862
Ion Ratio Lower Upper
63 100
106 27.4 26.2 39.4





#59
2-Hexanone
Concen: 263.590 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

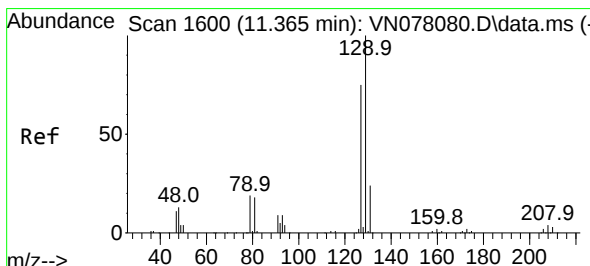
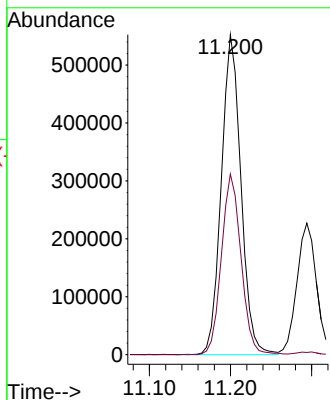
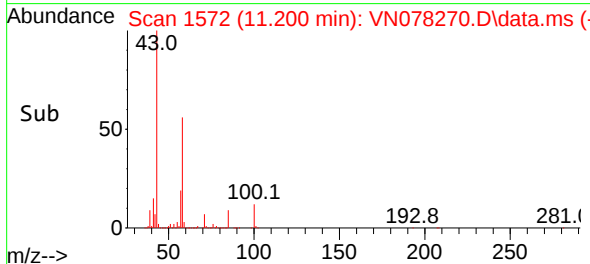
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 930052
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

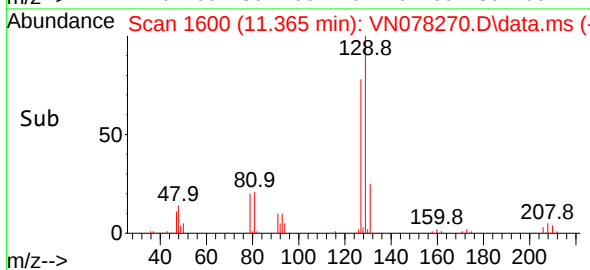
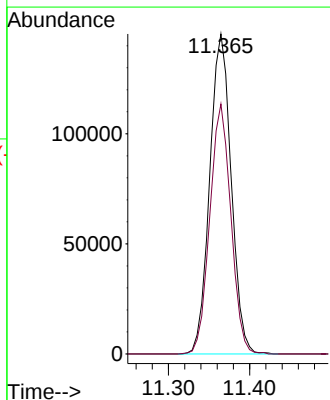
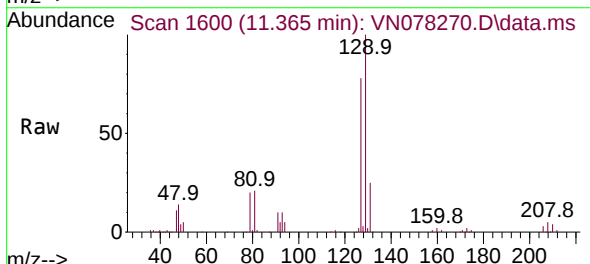
Manual Integrations
APPROVED

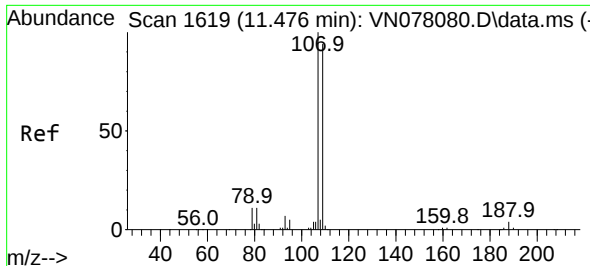
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 53.101 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

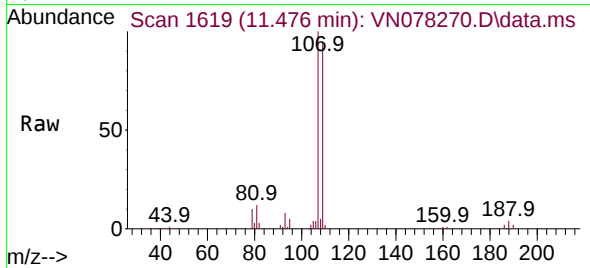
Tgt Ion:129 Resp: 266873
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.996 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

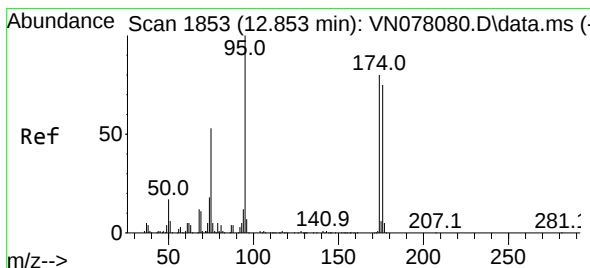
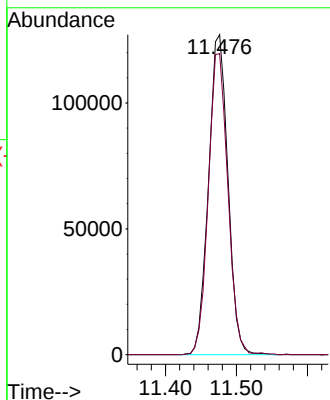
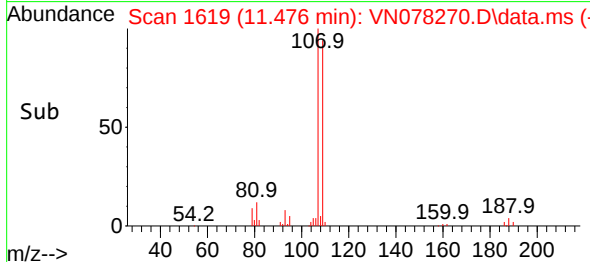
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



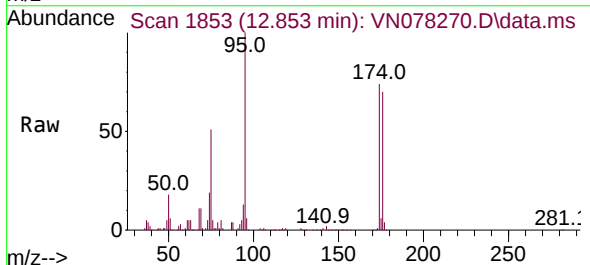
Tgt Ion:107 Resp: 240970
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

Manual Integrations
APPROVED

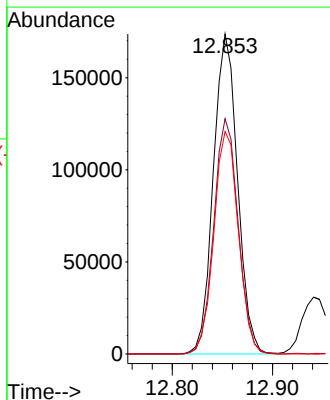
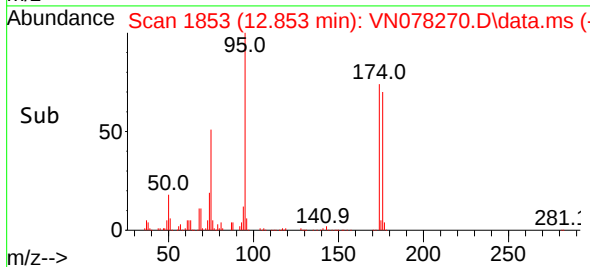
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

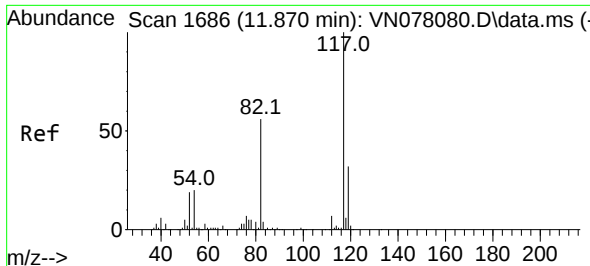


#62
4-Bromofluorobenzene
Concen: 54.019 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



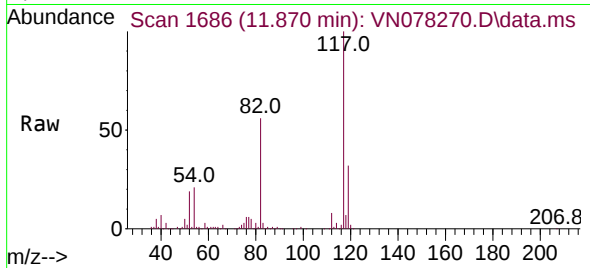
Tgt Ion: 95 Resp: 290714
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

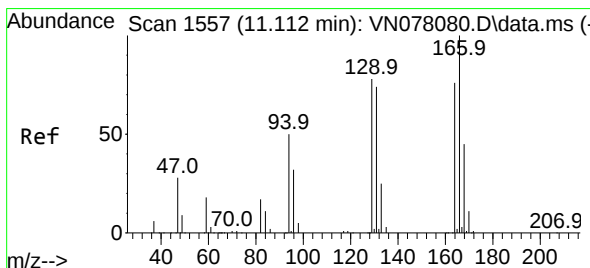
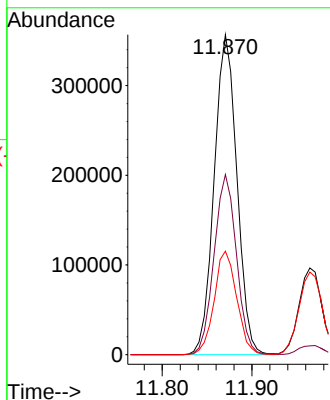
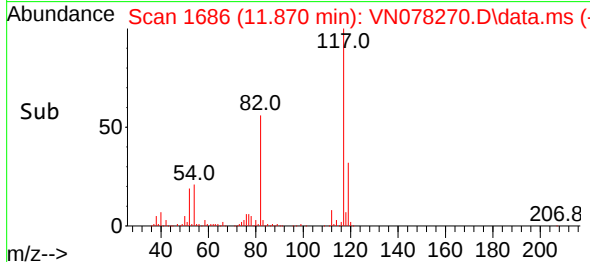
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 62781
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.4 25.6 38.4

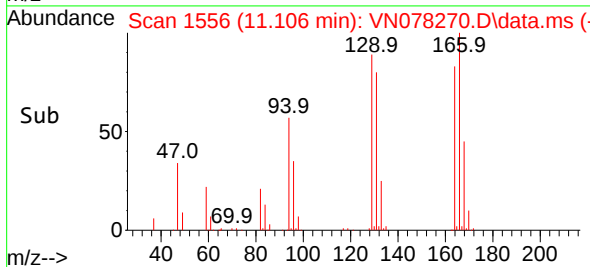
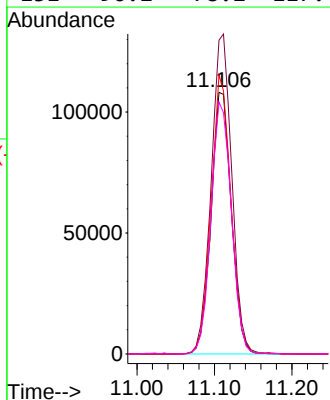
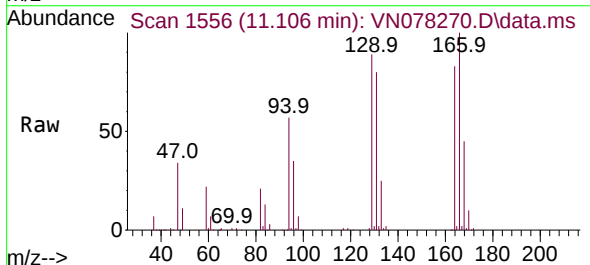
Manual Integrations
APPROVED

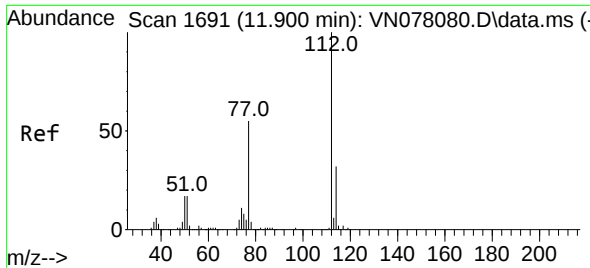
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 46.975 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion:164 Resp: 196748
Ion Ratio Lower Upper
164 100
166 119.9 101.4 152.0
129 106.6 82.4 123.6
131 96.2 78.2 117.4





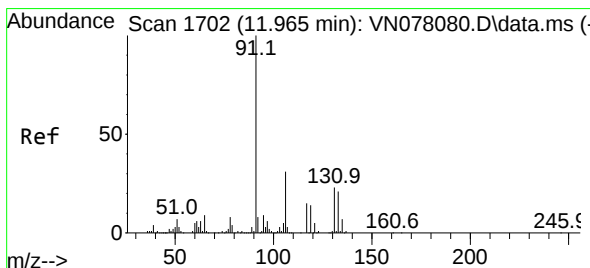
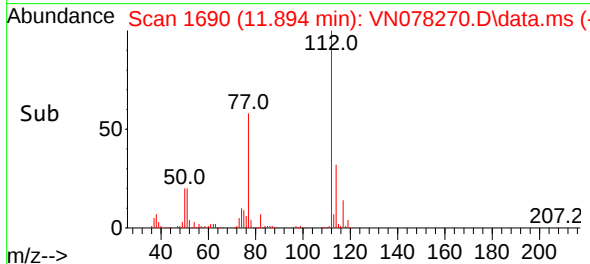
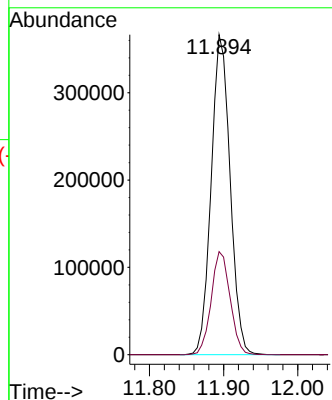
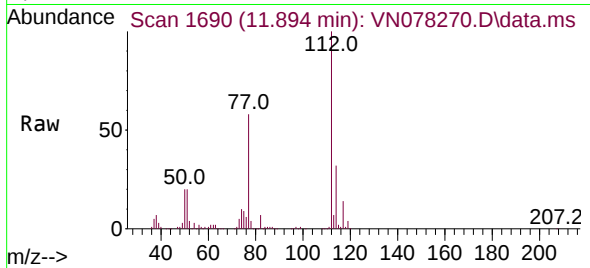
#65
Chlorobenzene
Concen: 48.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 64928
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

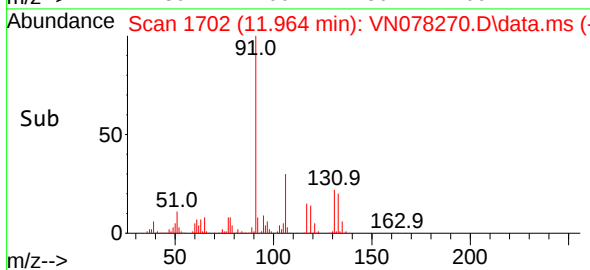
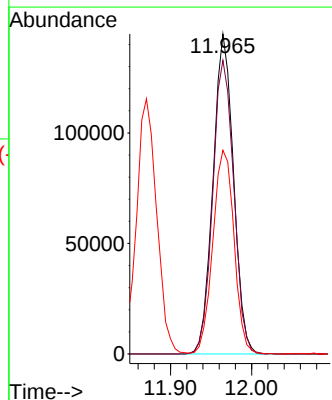
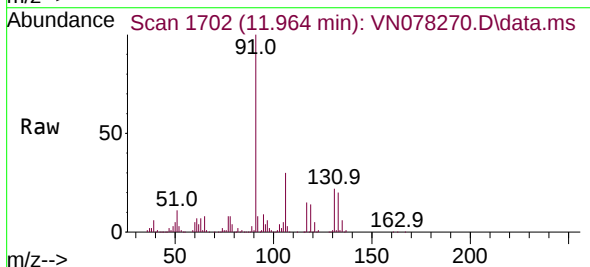
Manual Integrations
APPROVED

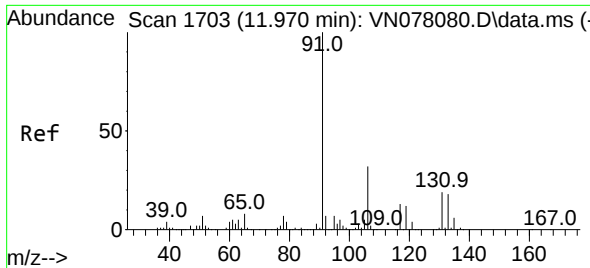
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.345 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

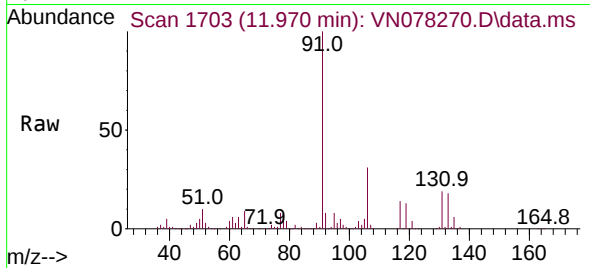
Tgt Ion:131 Resp: 253904
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 65.8 34.1 102.2





#67
Ethyl Benzene
Concen: 49.634 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

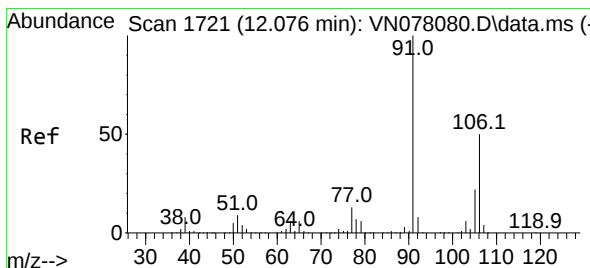
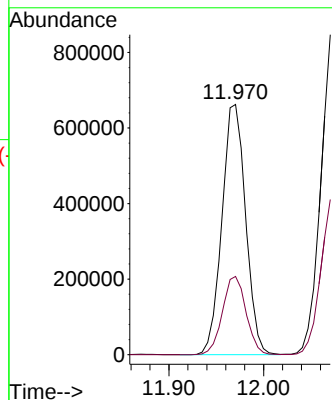
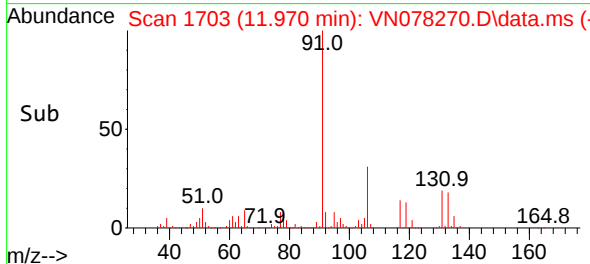
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



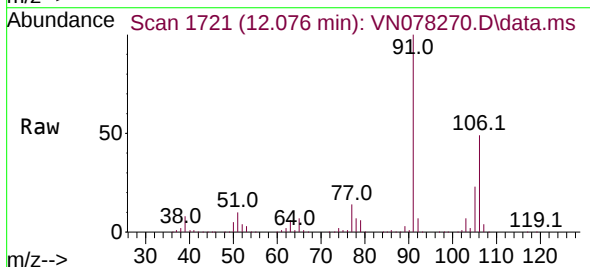
Tgt Ion: 91 Resp: 115144
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

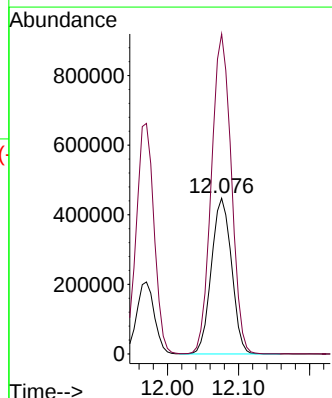
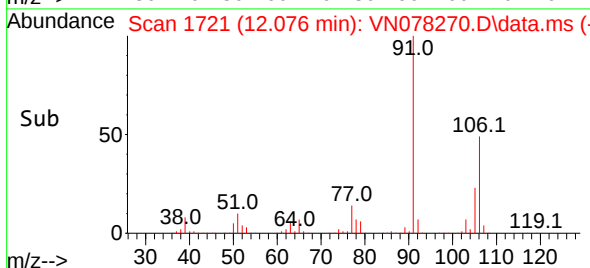
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

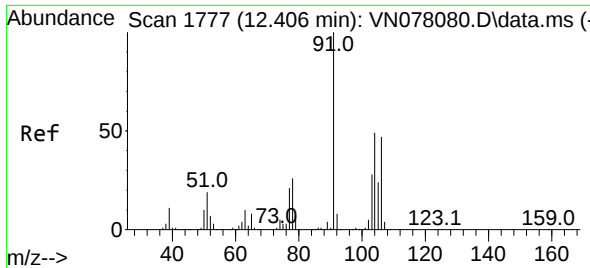


#68
m/p-Xylenes
Concen: 99.483 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



Tgt Ion:106 Resp: 879546
Ion Ratio Lower Upper
106 100
91 203.0 159.6 239.4





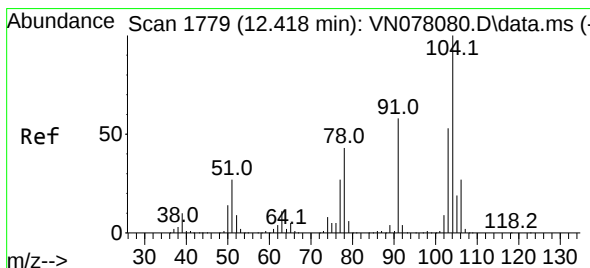
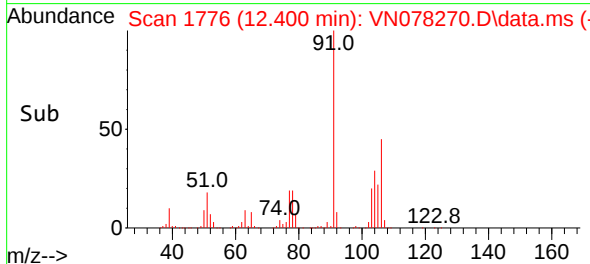
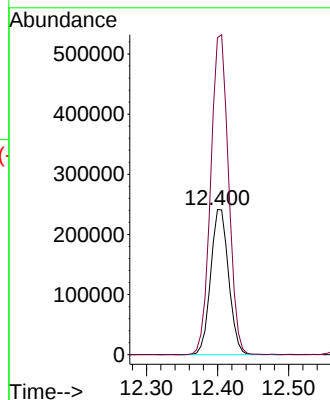
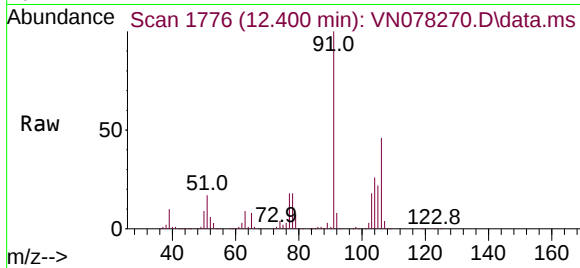
#69
o-Xylene
Concen: 48.737 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 423144
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5

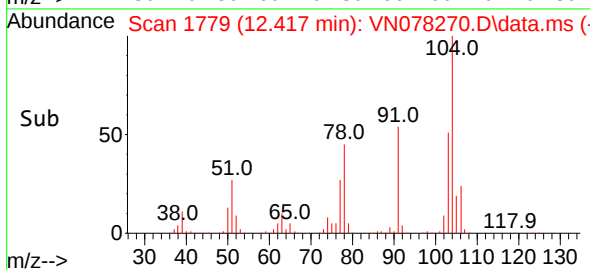
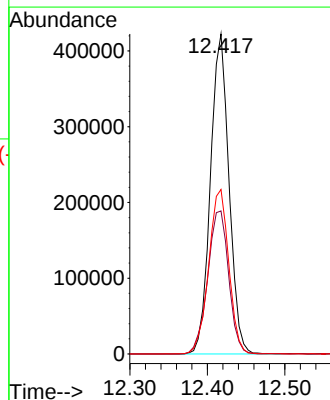
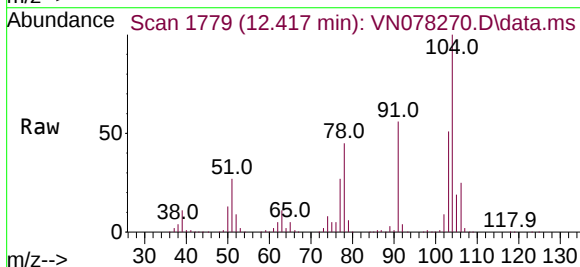
Manual Integrations
APPROVED

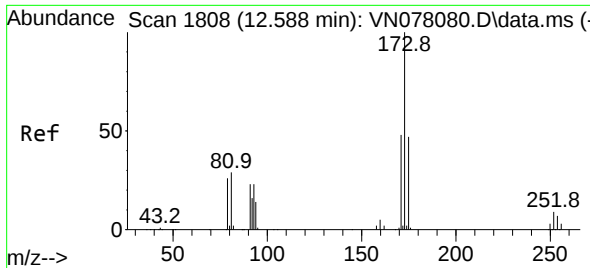
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 51.537 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

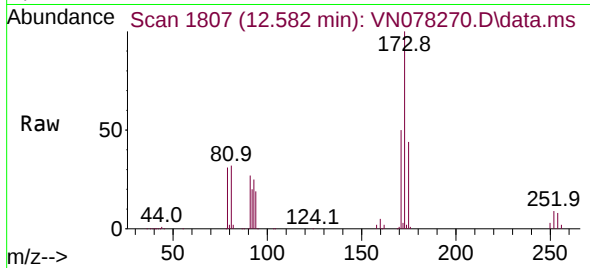
Tgt Ion:104 Resp: 704431
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 53.413 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

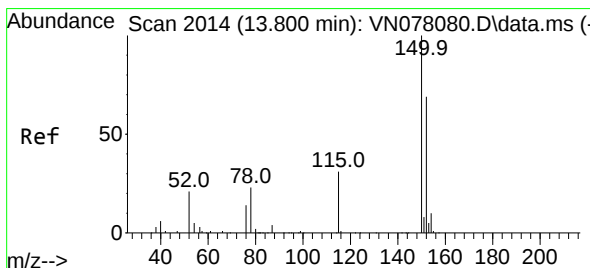
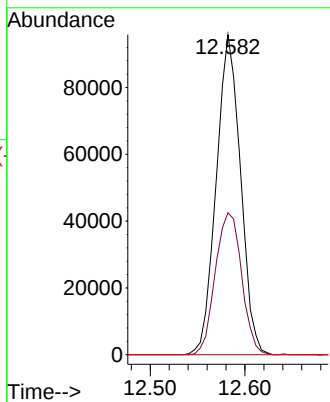
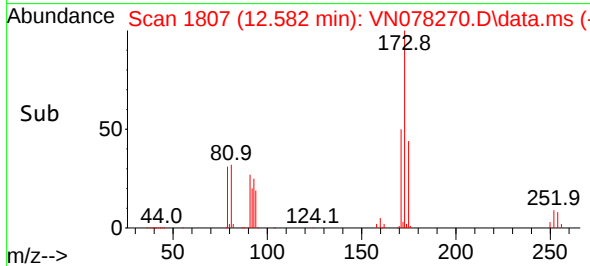
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 17045
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

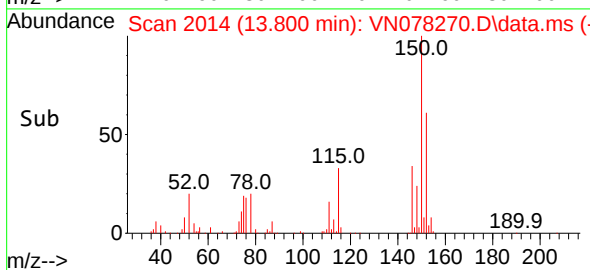
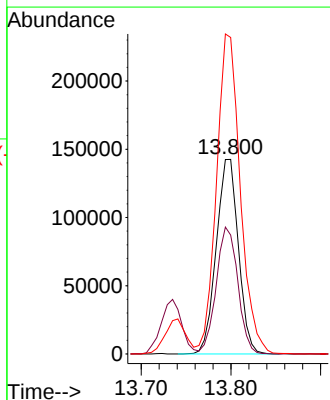
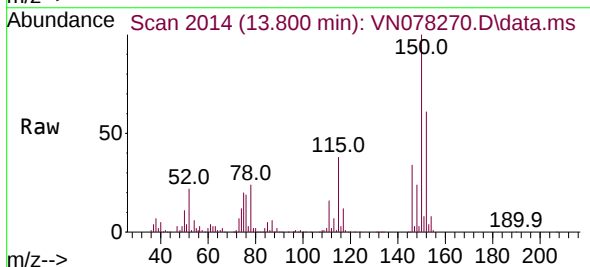
Manual Integrations
APPROVED

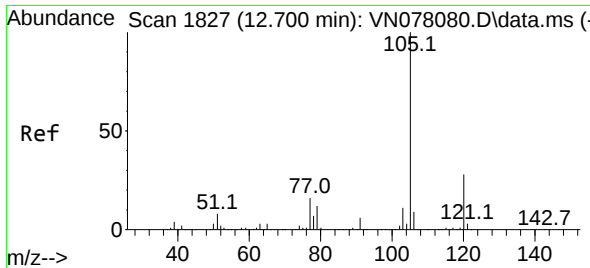
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

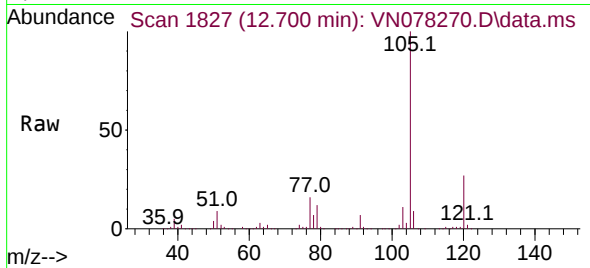
Tgt Ion:152 Resp: 244109
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 176.8 0.0 355.8





#73
Isopropylbenzene
Concen: 46.728 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

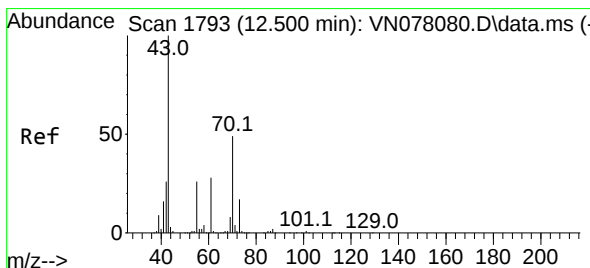
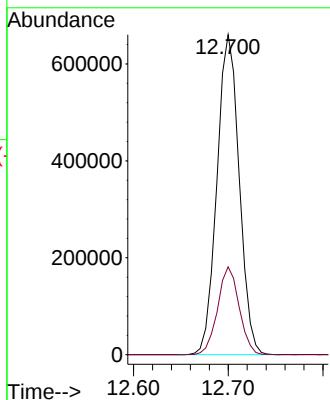
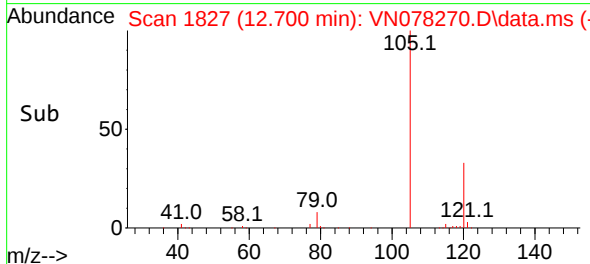
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



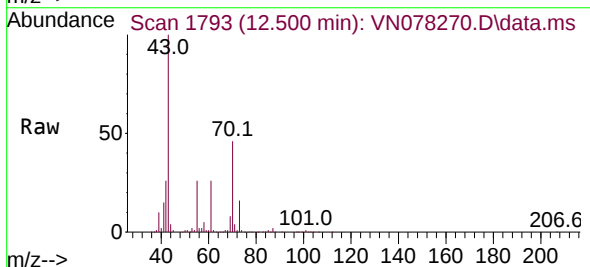
Tgt Ion:105 Resp: 107866
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

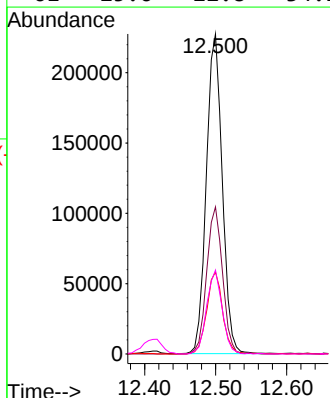
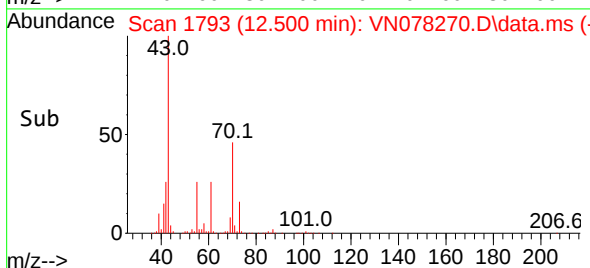
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

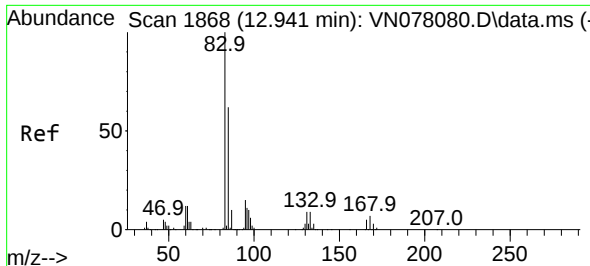


#74
N-ethyl acetate
Concen: 46.656 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



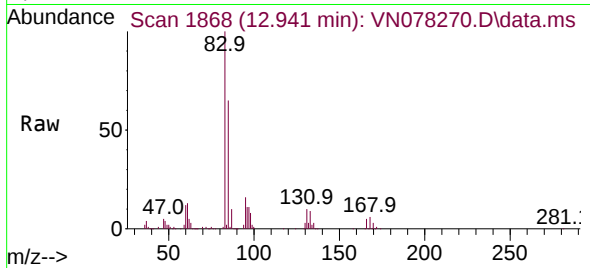
Tgt Ion: 43 Resp: 354661
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.8 21.4 32.0
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.382 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

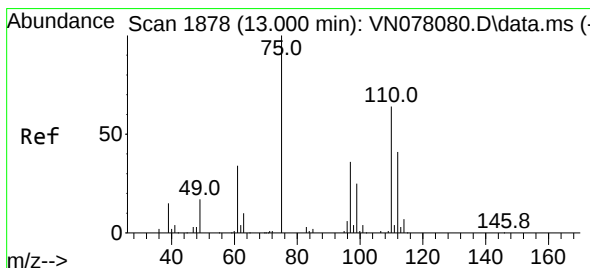
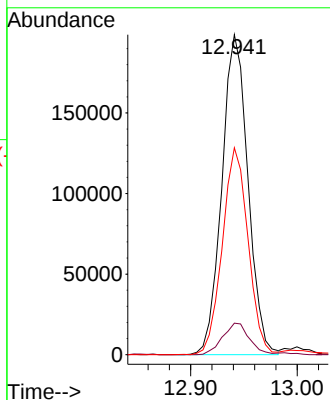
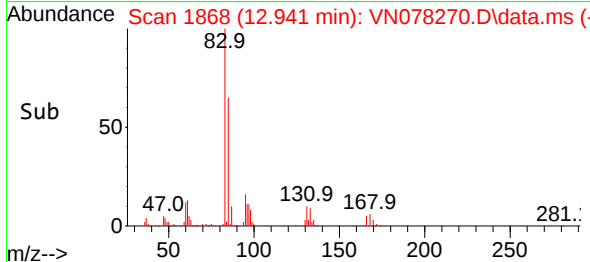
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 33786
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.7 31.9 95.7

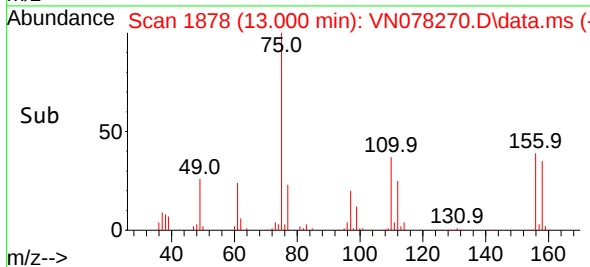
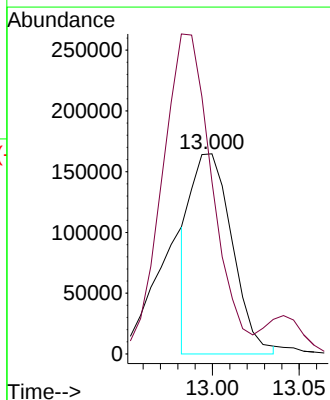
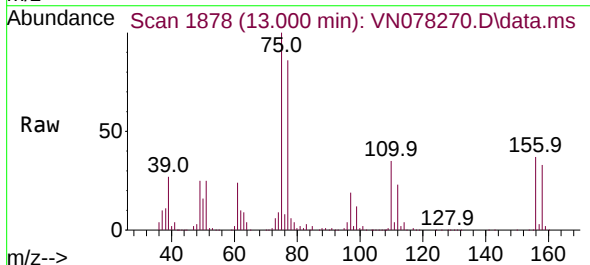
Manual Integrations
APPROVED

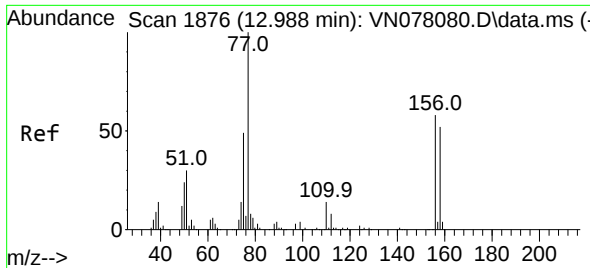
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 47.323 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

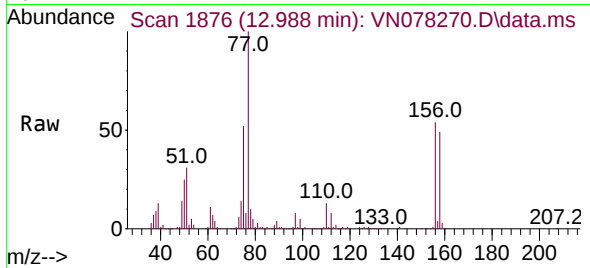
Tgt Ion: 75 Resp: 273093
Ion Ratio Lower Upper
75 100
77 194.3 84.5 253.5





#77
Bromobenzene
Concen: 46.541 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

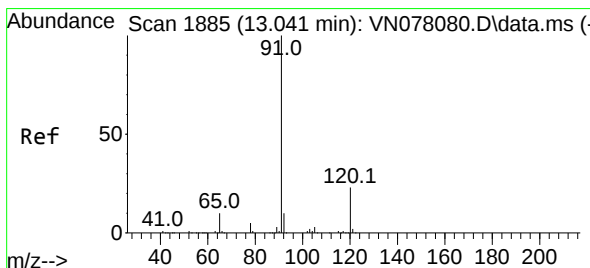
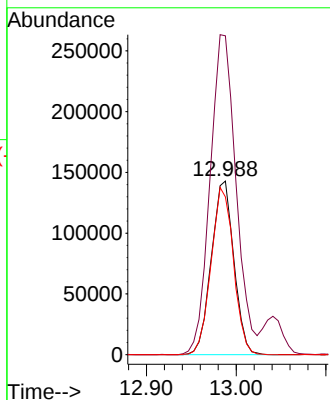
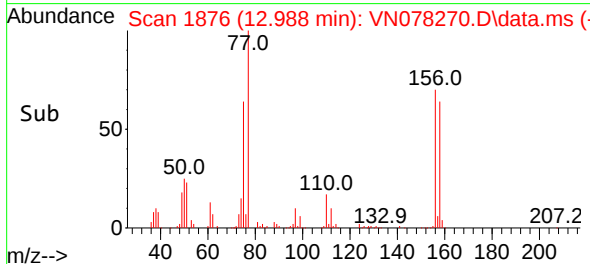
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



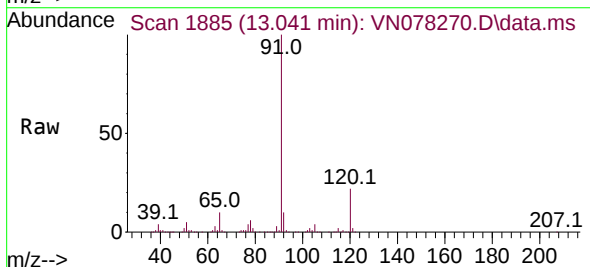
Tgt Ion:156 Resp: 249390
Ion Ratio Lower Upper
156 100
77 212.7 107.7 323.3
158 95.8 48.4 145.3

Manual Integrations
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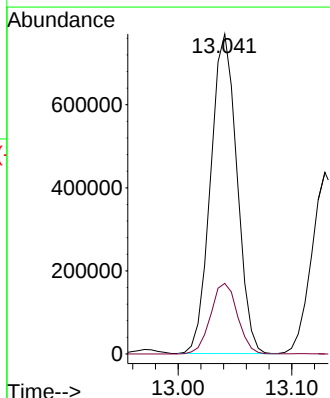
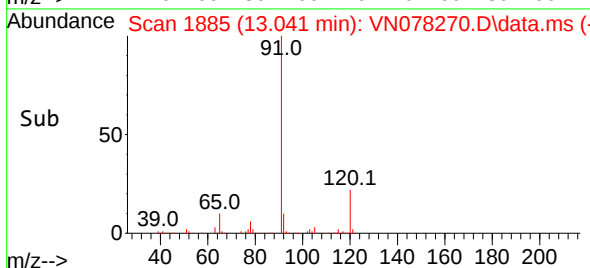
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

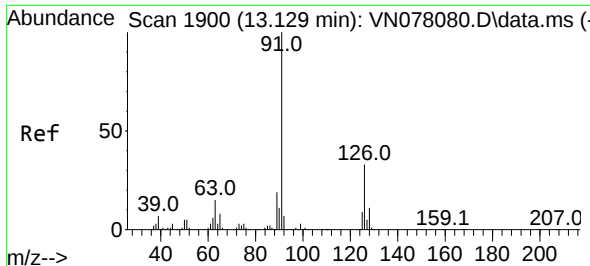


#78
n-propylbenzene
Concen: 49.440 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



Tgt Ion: 91 Resp: 1239961
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





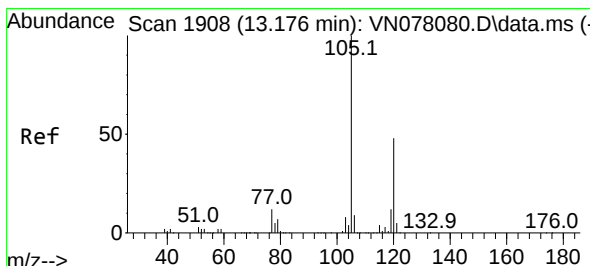
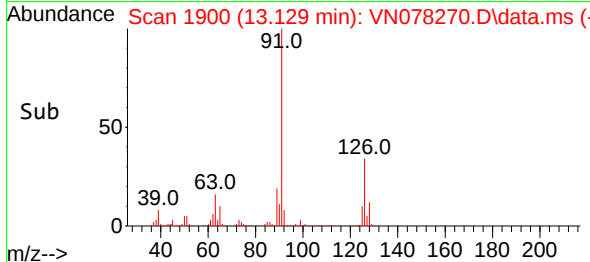
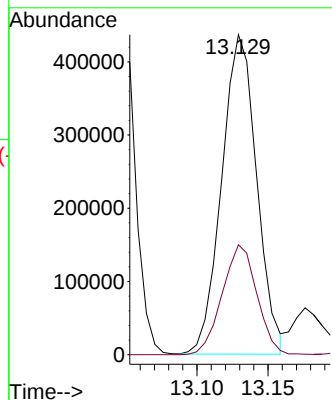
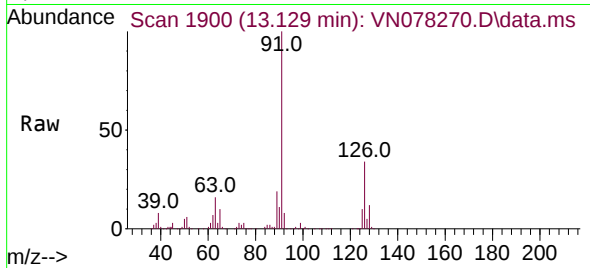
#79
2-Chlorotoluene
Concen: 46.198 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 747900
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

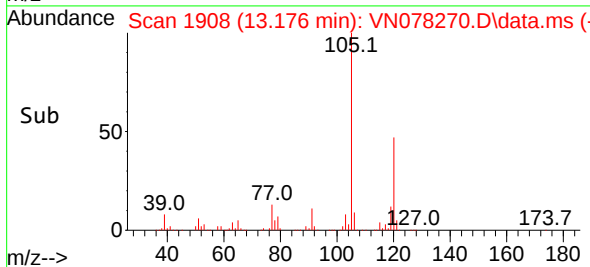
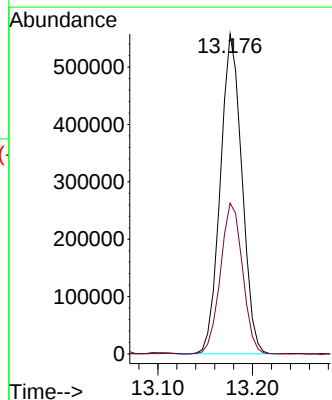
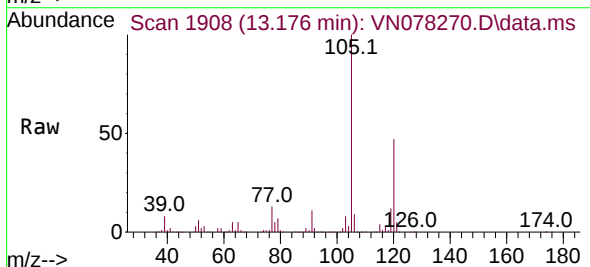
Manual Integrations
APPROVED

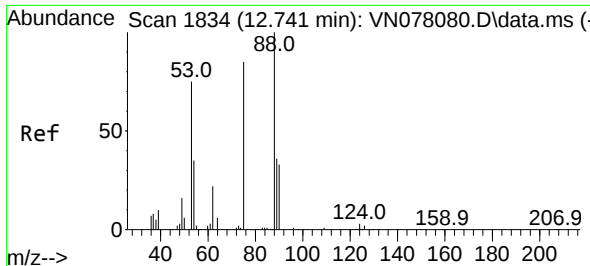
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.214 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

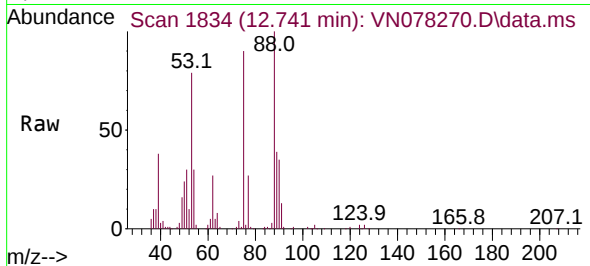
Tgt Ion:105 Resp: 882381
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.901 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

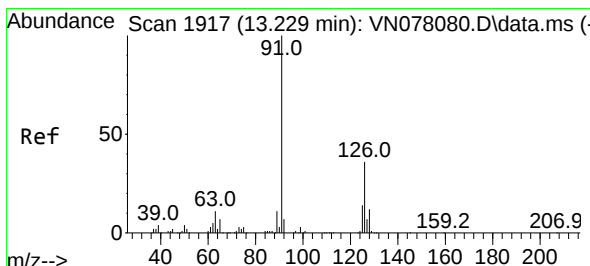
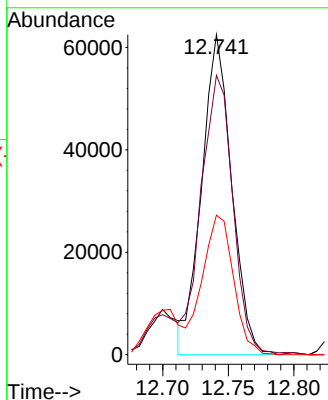
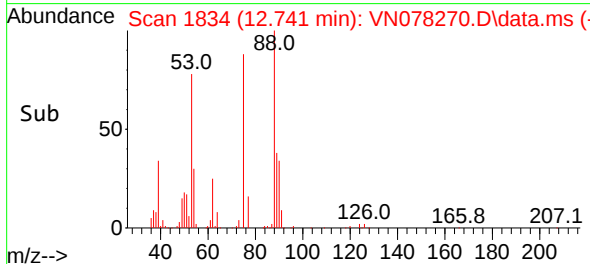
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



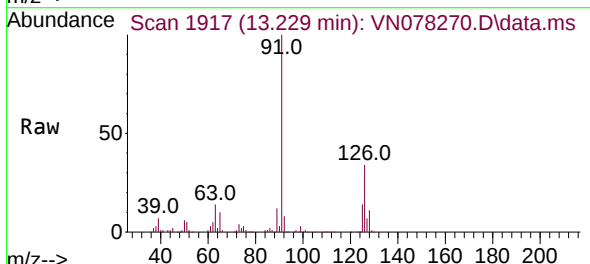
Tgt Ion: 75 Resp: 99360
Ion Ratio Lower Upper
75 100
53 93.2 67.4 101.2
89 44.9 38.8 58.2

Manual Integrations
APPROVED

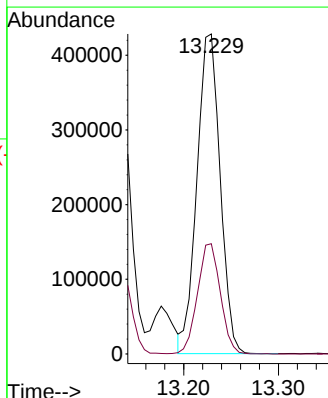
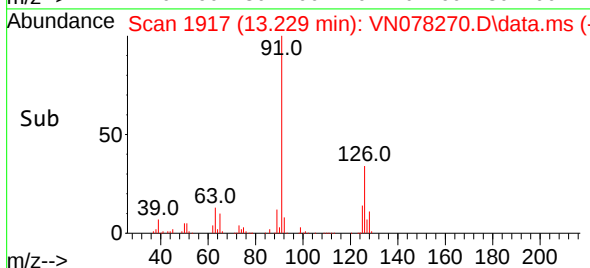
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

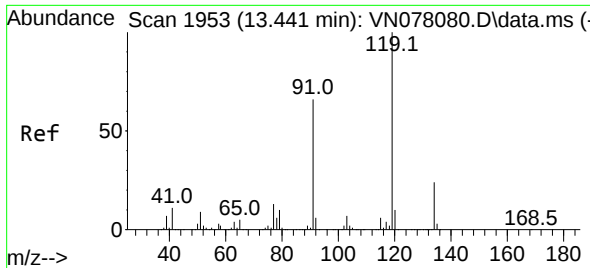


#82
4-Chlorotoluene
Concen: 48.259 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



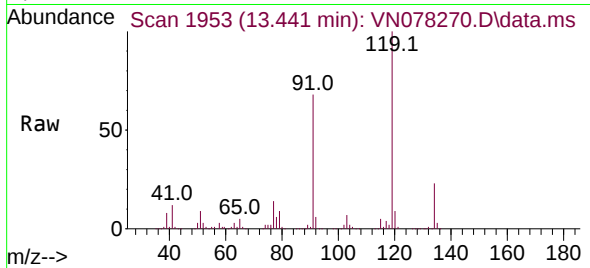
Tgt Ion: 91 Resp: 729162
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.399 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

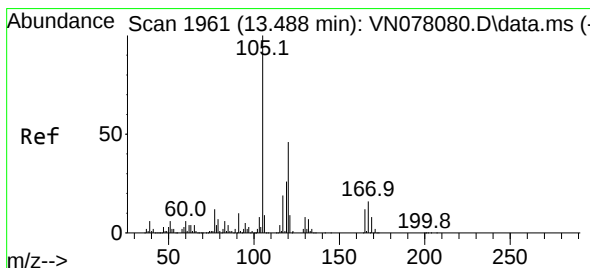
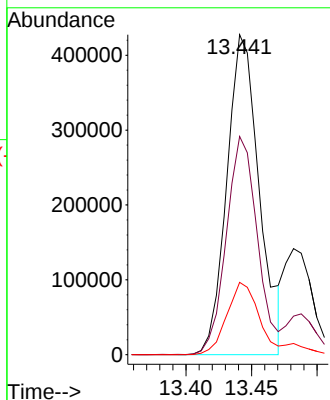
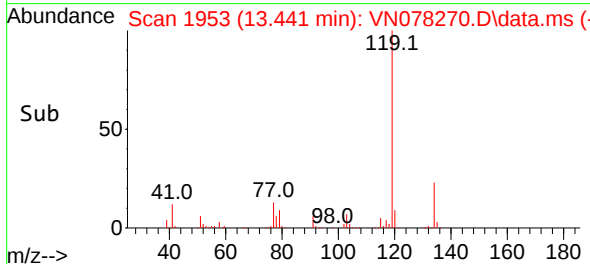
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



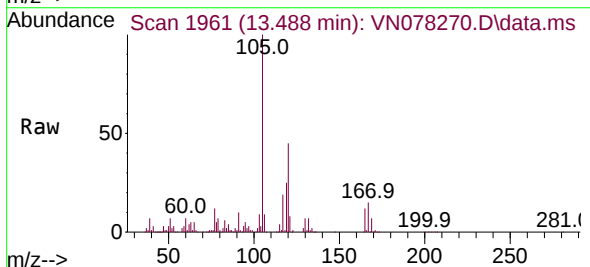
Tgt Ion:119 Resp: 737529
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
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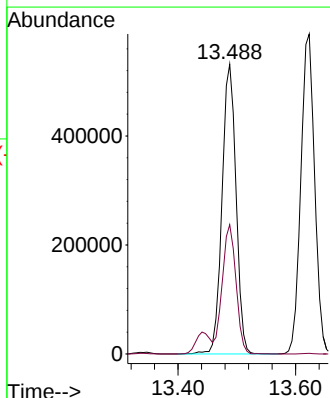
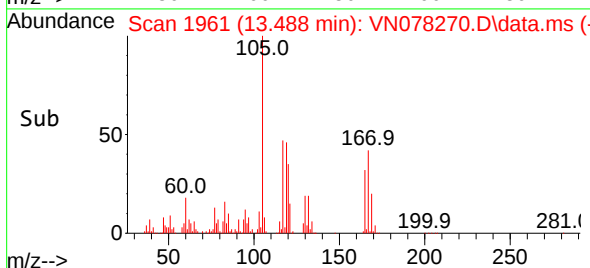
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023

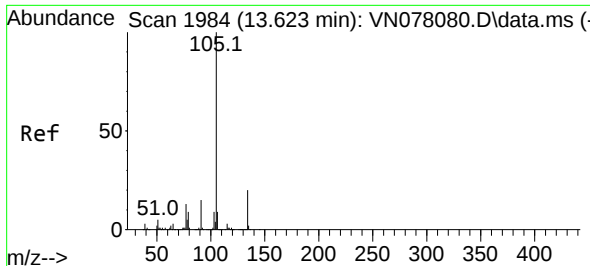


#84
1,2,4-Trimethylbenzene
Concen: 48.512 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



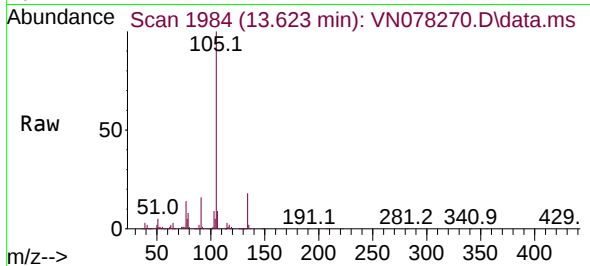
Tgt Ion:105 Resp: 878995
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.011 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04

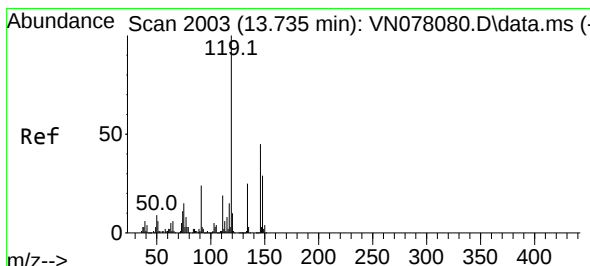
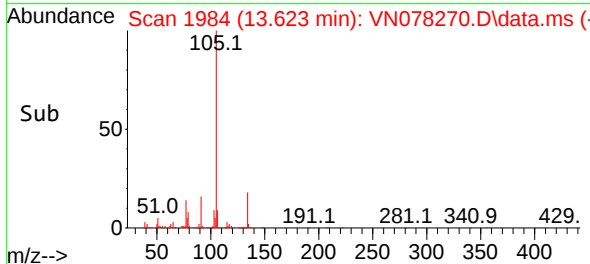
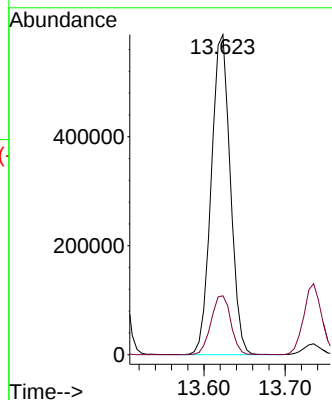
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 957070
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

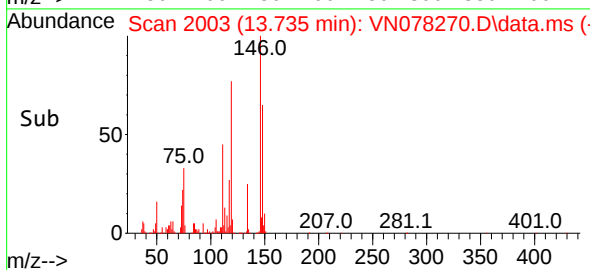
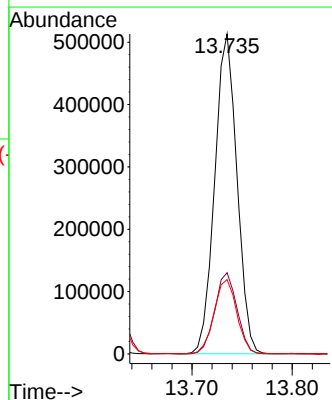
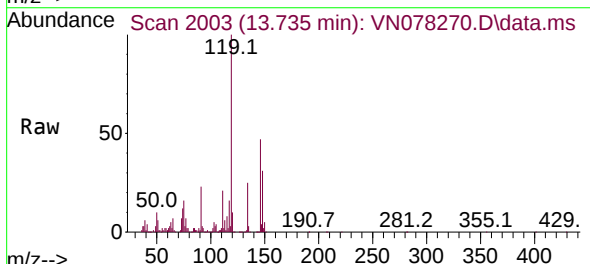
Manual Integrations
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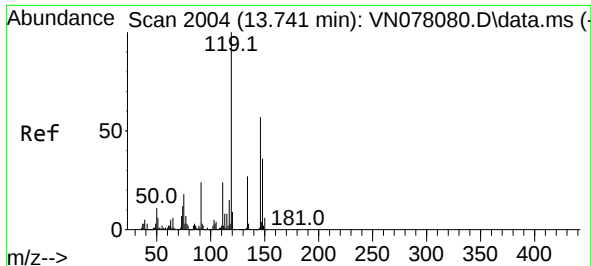
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 45.740 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078270.D
 Acq: 19 Jun 2023 11:04

Tgt Ion:119 Resp: 789248
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.027 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

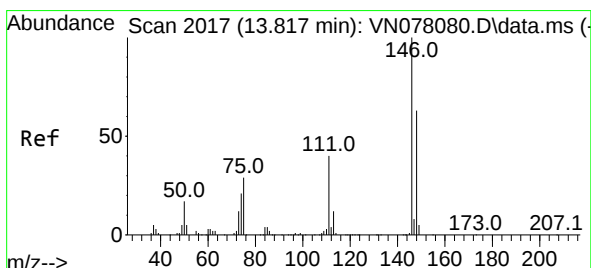
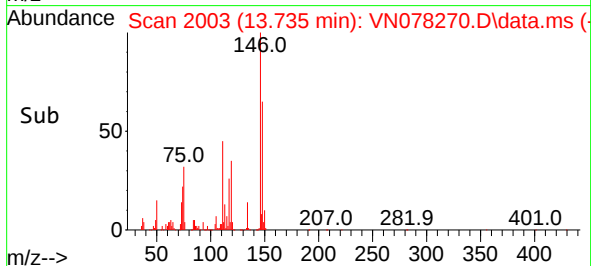
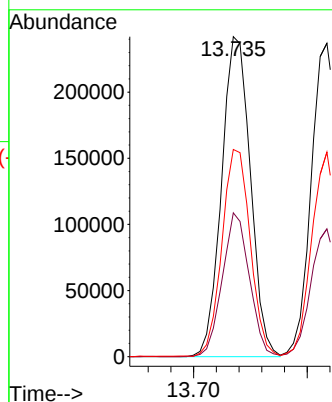
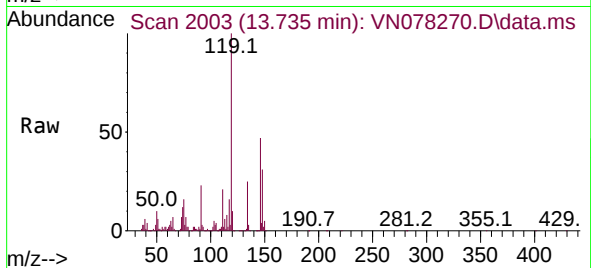
Tgt Ion:146 Resp: 426259
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.1 66.3
 148 63.4 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#88

1,4-Dichlorobenzene

Concen: 46.987 ug/l

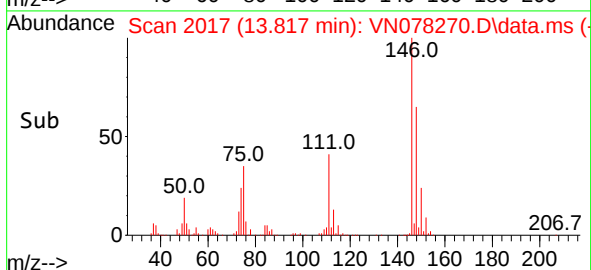
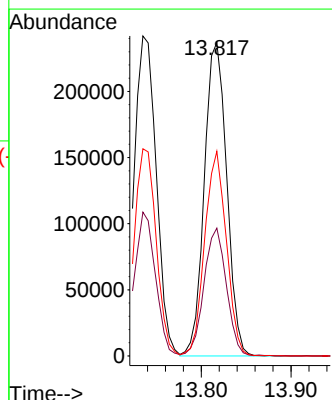
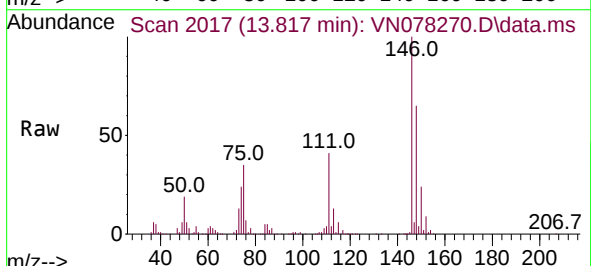
RT: 13.817 min Scan# 2017

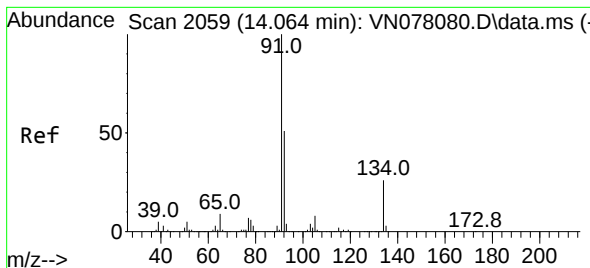
Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Tgt Ion:146 Resp: 410966
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 44.198 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

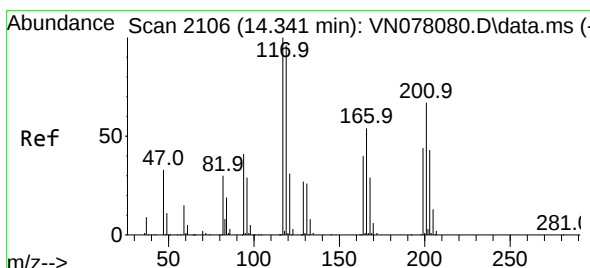
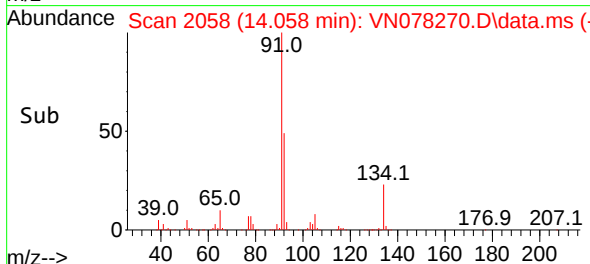
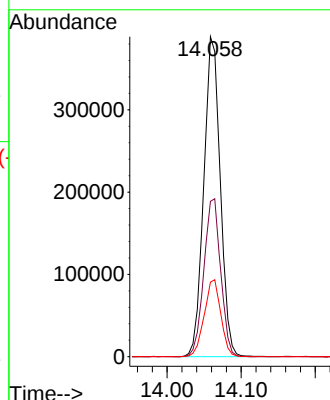
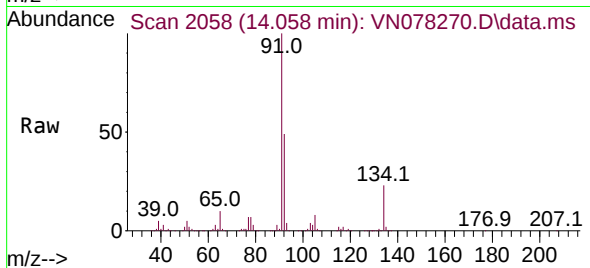
Tgt Ion:	91	Resp:	601539
Ion Ratio	Lower	Upper	
91	100		
92	50.4	26.4	79.0
134	24.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#90

Hexachloroethane

Concen: 48.965 ug/l

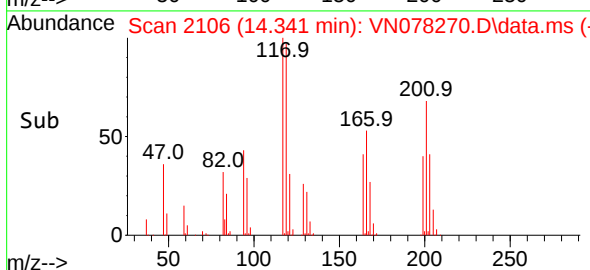
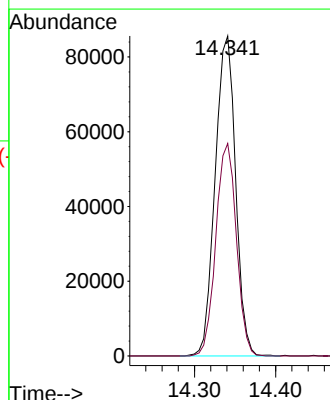
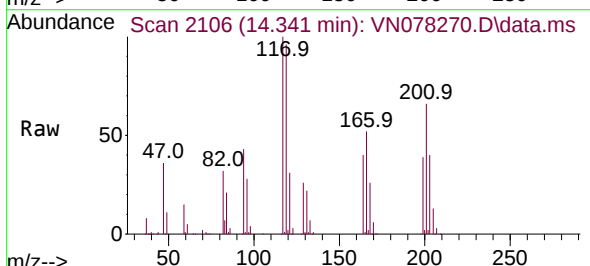
RT: 14.341 min Scan# 2106

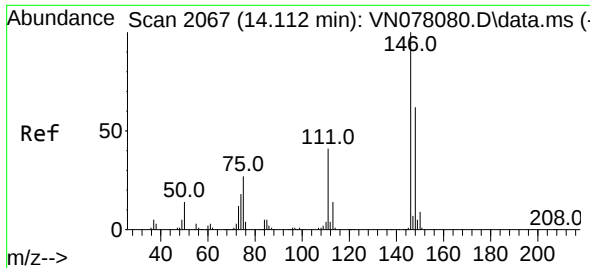
Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Tgt Ion:	117	Resp:	149938
Ion Ratio	Lower	Upper	
117	100		
201	66.7	29.3	88.0





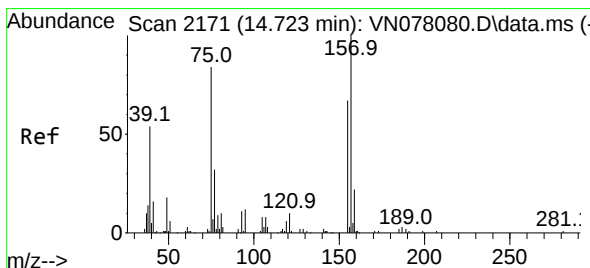
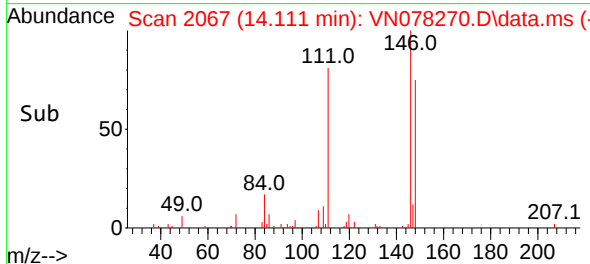
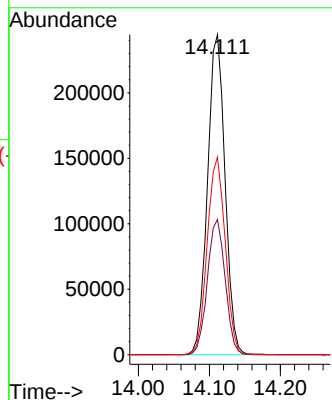
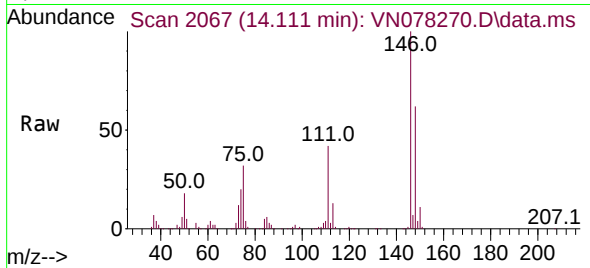
#91
1,2-Dichlorobenzene
Concen: 47.320 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 41918
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.5 31.8 95.3

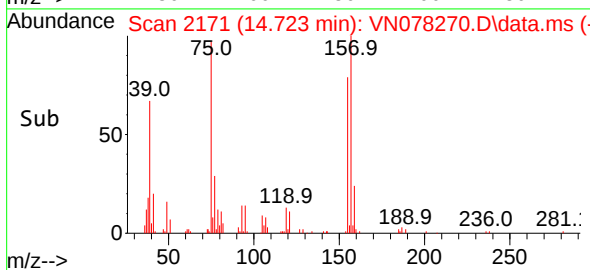
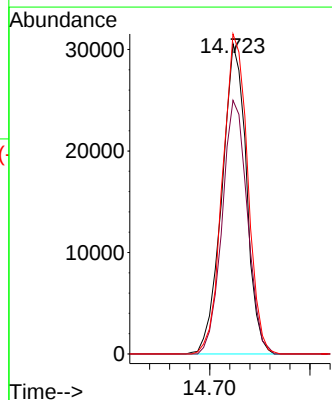
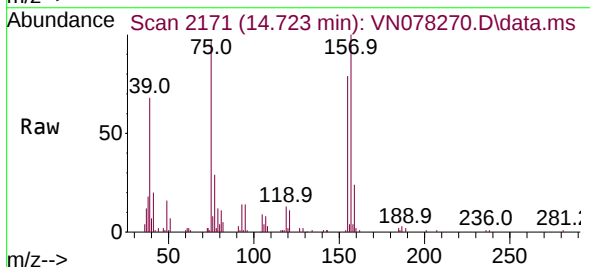
Manual Integrations
APPROVED

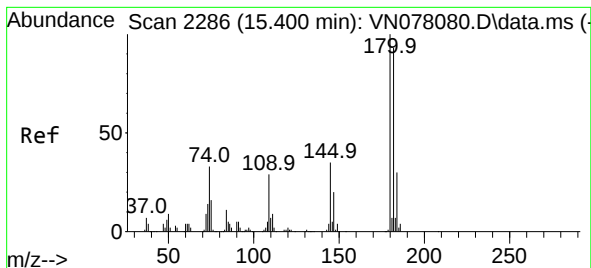
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.258 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 75 Resp: 51748
Ion Ratio Lower Upper
75 100
155 83.9 39.1 117.2
157 105.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.849 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 138400

Ion Ratio Lower Upper

180 100

182 92.5 46.1 138.2

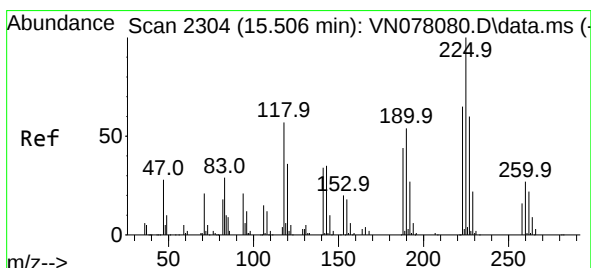
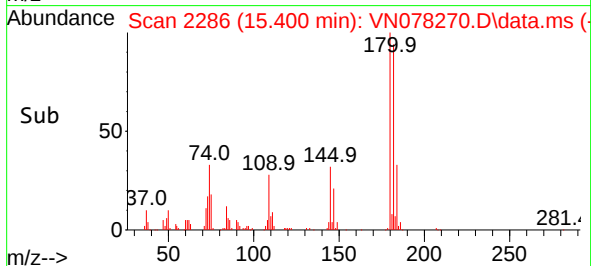
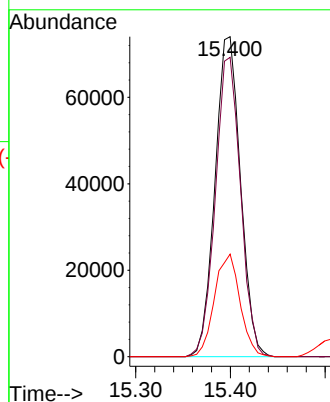
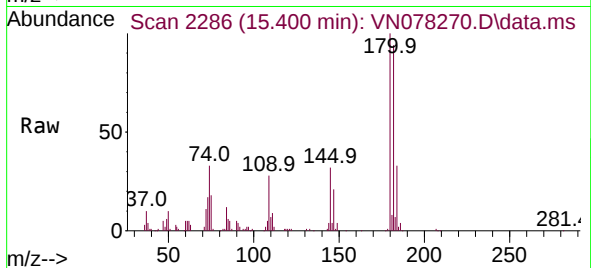
145 32.2 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 44.332 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078270.D

Acq: 19 Jun 2023 11:04

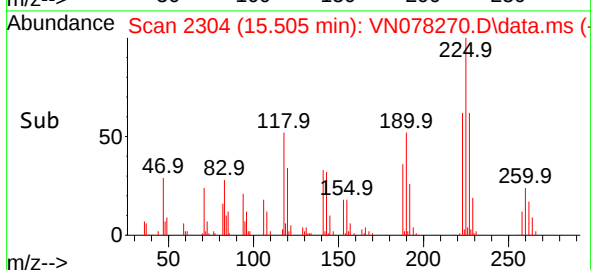
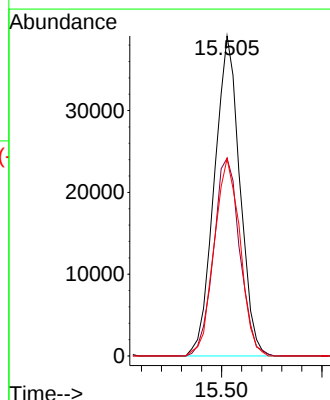
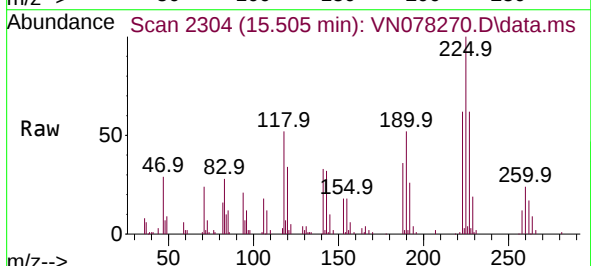
Tgt Ion:225 Resp: 69057

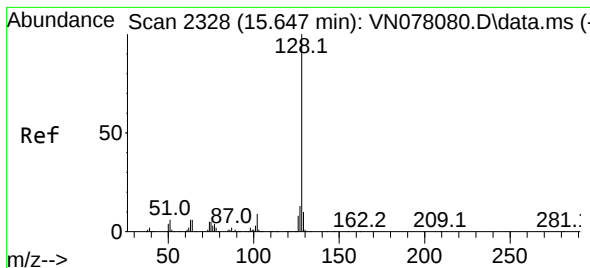
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.8

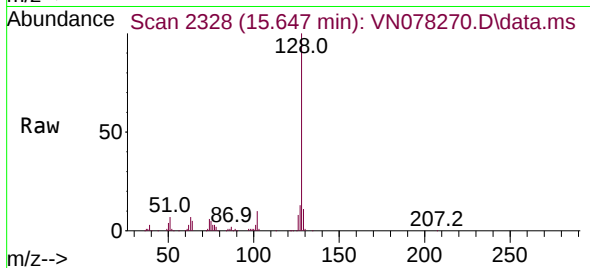
227 62.7 31.9 95.9





#95
Naphthalene
Concen: 39.514 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04

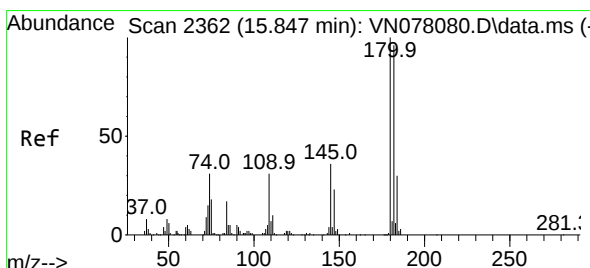
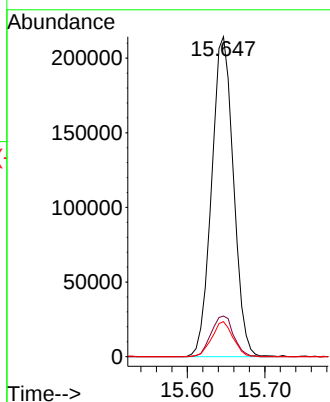
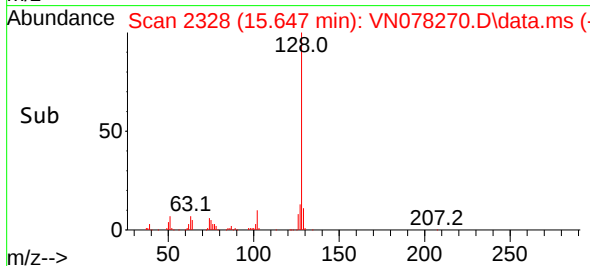
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



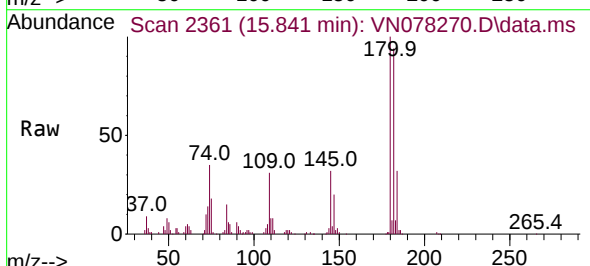
Tgt Ion:128 Resp: 41952
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 42.497 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078270.D
Acq: 19 Jun 2023 11:04



Tgt Ion:180 Resp: 150016
Ion Ratio Lower Upper
180 100
182 96.2 46.2 138.6
145 33.6 17.5 52.6

