

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078246.D
 Acq On : 15 Jun 2023 22:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 06:15:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	369523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	285927	58.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.060%			
35) Dibromofluoromethane	8.171	113	245902	55.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.280%			
50) Toluene-d8	10.571	98	905916	53.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.853	95	284539	53.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	177672	42.535	ug/l	99
3) Chloromethane	2.371	50	209619	53.469	ug/l	97
4) Vinyl Chloride	2.518	62	267198	48.851	ug/l	99
5) Bromomethane	2.954	94	198830	48.100	ug/l	93
6) Chloroethane	3.124	64	191072	51.244	ug/l	99
7) Trichlorofluoromethane	3.501	101	350349	47.234	ug/l	96
8) Diethyl Ether	3.971	74	131437	50.432	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	187271	47.841	ug/l	98
10) Methyl Iodide	4.595	142	278282	50.269	ug/l	98
11) Tert butyl alcohol	5.530	59	168549	247.757	ug/l	99
12) 1,1-Dichloroethene	4.348	96	188878	46.808	ug/l	92
13) Acrolein	4.189	56	214572	286.181	ug/l	98
14) Allyl chloride	5.030	41	275556	55.942	ug/l	96
15) Acrylonitrile	5.736	53	491529	280.247	ug/l	100
16) Acetone	4.436	43	372130	262.408	ug/l	94
17) Carbon Disulfide	4.724	76	450545	43.379	ug/l	99
18) Methyl Acetate	5.036	43	347398	53.208	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	692884	53.818	ug/l	98
20) Methylene Chloride	5.289	84	231131	49.321	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	205313	47.174	ug/l #	82
22) Diisopropyl ether	6.689	45	649252	56.035	ug/l	94
23) Vinyl Acetate	6.618	43	1942454	282.024	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	413642	54.118	ug/l	96
25) 2-Butanone	7.494	43	608285	278.929	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	281731	49.920	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	257055	49.516	ug/l	93
28) Bromochloromethane	7.818	49	206710	58.902	ug/l	90
29) Tetrahydrofuran	7.847	42	394252	270.430	ug/l	86
30) Chloroform	7.977	83	449912	54.664	ug/l	92
31) Cyclohexane	8.265	56	278476	44.062	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	383929	53.133	ug/l	95
36) 1,1-Dichloropropene	8.383	75	308212	48.623	ug/l	96
37) Ethyl Acetate	7.571	43	259895	52.484	ug/l	95
38) Carbon Tetrachloride	8.371	117	332235	49.638	ug/l	94
39) Methylcyclohexane	9.606	83	265578	40.428	ug/l	91
40) Benzene	8.612	78	953876	50.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	138108	51.454	ug/l	92
42) 1,2-Dichloroethane	8.677	62	338782	52.213	ug/l	97
43) Isopropyl Acetate	8.694	43	470777	49.711	ug/l	94
44) Trichloroethene	9.359	130	237264	47.475	ug/l	96
45) 1,2-Dichloropropane	9.630	63	249441	52.978	ug/l	98
46) Dibromomethane	9.712	93	173129	49.922	ug/l	95
47) Bromodichloromethane	9.894	83	350288	54.376	ug/l	96
48) Methyl methacrylate	9.688	41	211815	53.297	ug/l	89
49) 1,4-Dioxane	9.700	88	80929	968.856	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1365826	273.879	ug/l	93
52) Toluene	10.635	92	592006	49.548	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	360128	53.679	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	383031	51.648	ug/l	92
55) 1,1,2-Trichloroethane	11.024	97	245933	54.411	ug/l	97
56) Ethyl methacrylate	10.882	69	357242	54.281	ug/l	90
57) 1,3-Dichloropropane	11.171	76	418099	54.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	686420	258.185	ug/l	91
59) 2-Hexanone	11.200	43	966754	278.413	ug/l	92
60) Dibromochloromethane	11.365	129	265720	53.725	ug/l	99
61) 1,2-Dibromoethane	11.476	107	247865	52.256	ug/l	99
64) Tetrachloroethene	11.112	164	184516	45.465	ug/l	97
65) Chlorobenzene	11.894	112	636097	48.825	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	247982	51.753	ug/l	98
67) Ethyl Benzene	11.971	91	1130045	50.270	ug/l	97
68) m/p-Xylenes	12.076	106	838857	97.917	ug/l	98
69) o-Xylene	12.406	106	412223	48.999	ug/l	95
70) Styrene	12.418	104	677396	51.145	ug/l	98
71) Bromoform	12.582	173	164857	53.312	ug/l #	98
73) Isopropylbenzene	12.700	105	1012979	45.298	ug/l	99
74) N-amyl acetate	12.500	43	371646	50.467	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	347815	56.886	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	280885m	50.243	ug/l	
77) Bromobenzene	12.988	156	239229	46.083	ug/l	100
78) n-propylbenzene	13.041	91	1139262	46.890	ug/l	99
79) 2-Chlorotoluene	13.129	91	721283	45.990	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	821927	45.397	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	95224	52.331	ug/l	93
82) 4-Chlorotoluene	13.229	91	690639	47.184	ug/l	99
83) tert-Butylbenzene	13.441	119	692202	43.982	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	829690	47.267	ug/l	100
85) sec-Butylbenzene	13.623	105	874313	42.444	ug/l	100
86) p-Isopropyltoluene	13.735	119	726221	43.444	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	404744	46.093	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	388476	45.848	ug/l	99
89) n-Butylbenzene	14.059	91	558989	42.396	ug/l	96
90) Hexachloroethane	14.341	117	136208	45.915	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	403274	46.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55633	50.225	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	140187	45.848	ug/l	98
94) Hexachlorobutadiene	15.506	225	66535	44.075	ug/l	97
95) Naphthalene	15.647	128	454726	44.211	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	150662	44.056	ug/l	96

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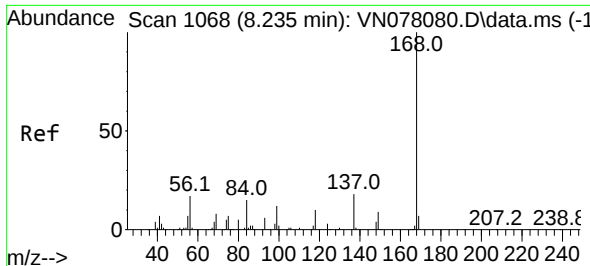
Manual Integrations
APPROVED

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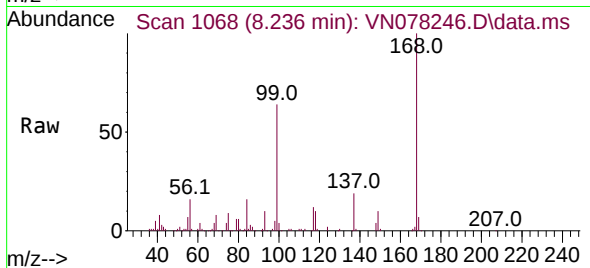
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078246.D
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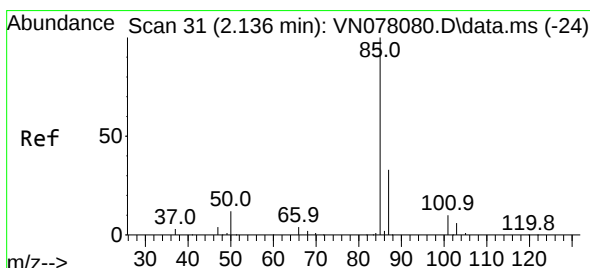
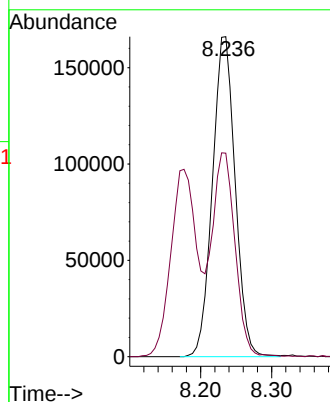
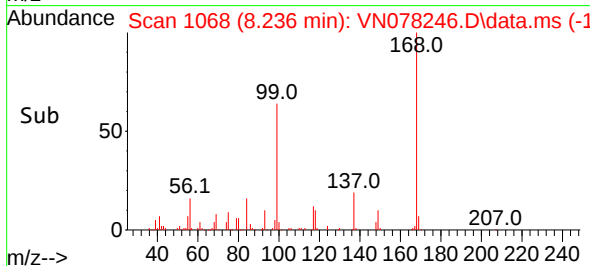
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 36952
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6

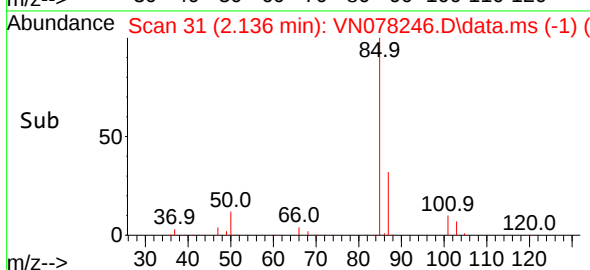
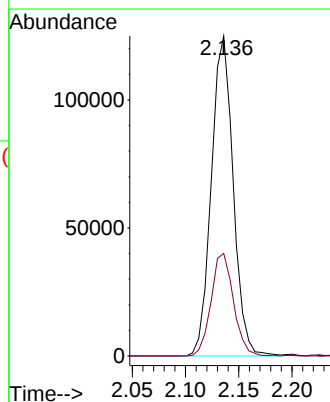
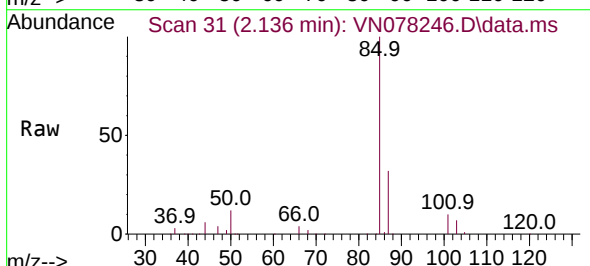
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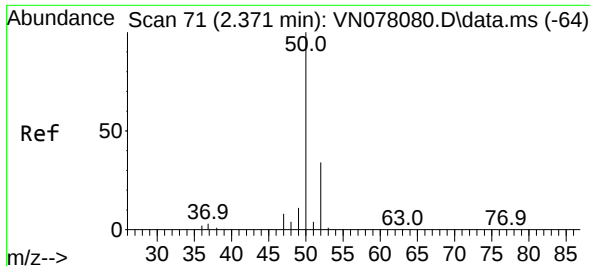
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 42.535 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

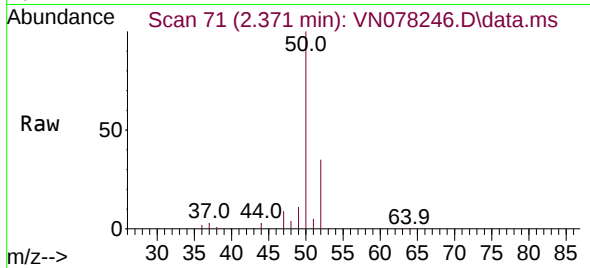
Tgt Ion: 85 Resp: 177672
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 53.469 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

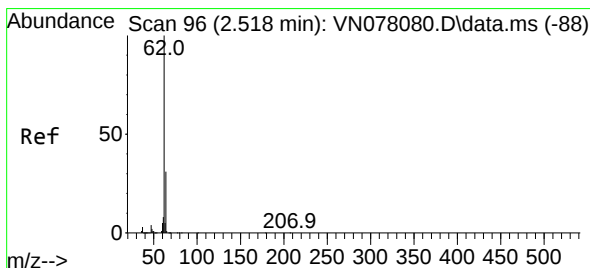
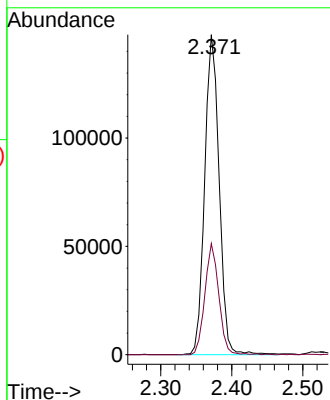
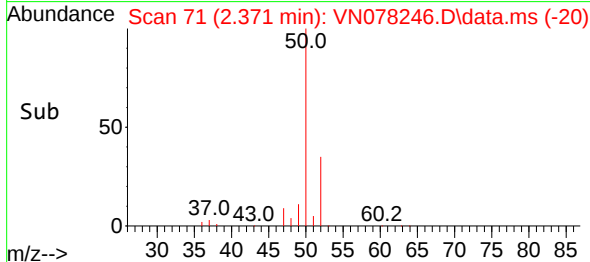
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Tgt Ion: 50 Resp: 209619
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

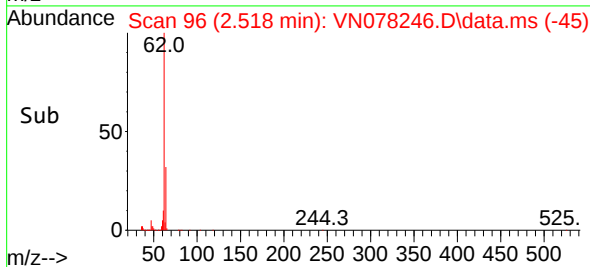
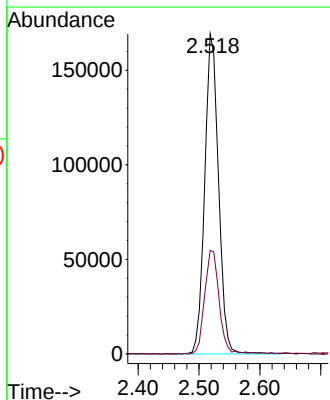
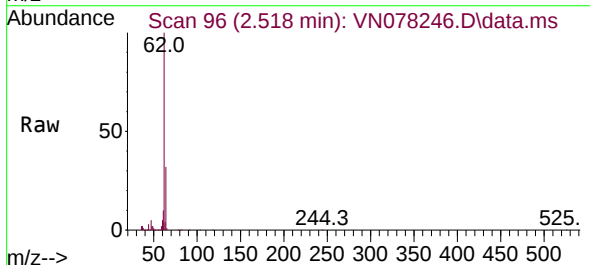
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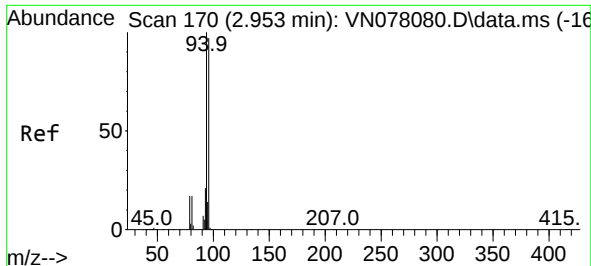
Reviewed By :John Carlone 06/16/2023
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#4
Vinyl Chloride
Concen: 48.851 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

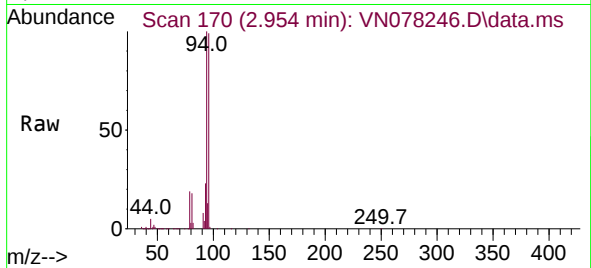
Tgt Ion: 62 Resp: 267198
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 48.100 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078246.D
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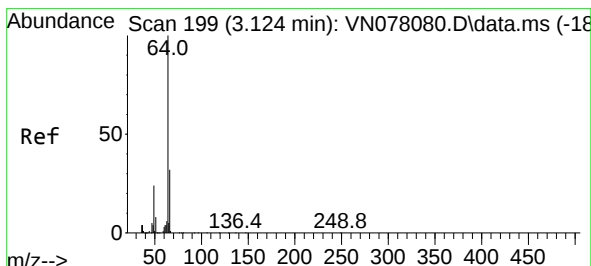
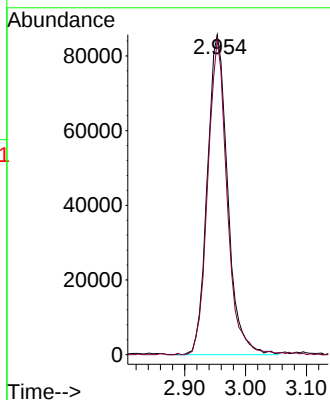
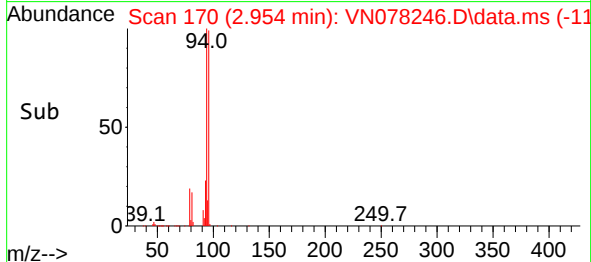
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Tgt Ion: 94 Resp: 198830
Ion Ratio Lower Upper
94 100
96 98.2 73.1 109.7

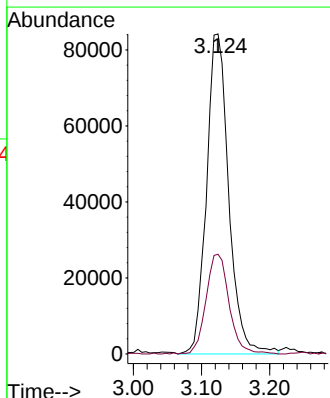
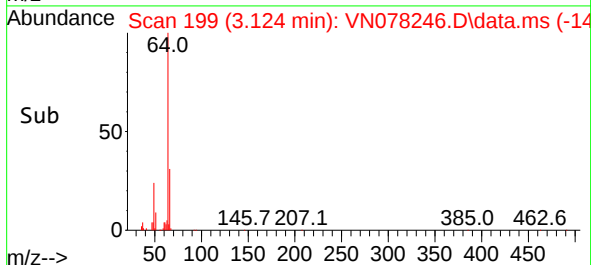
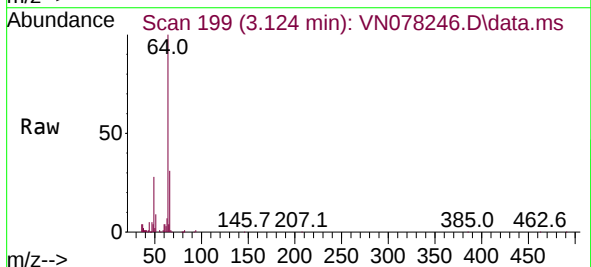
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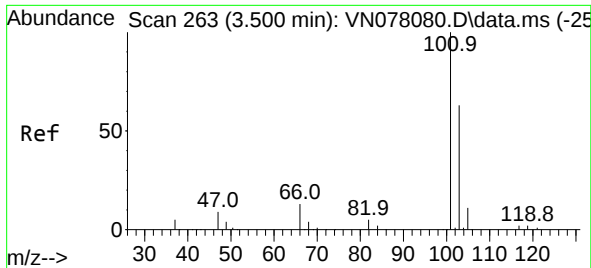
Reviewed By :John Carlone 06/16/2023
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#6
Chloroethane
Concen: 51.244 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078246.D
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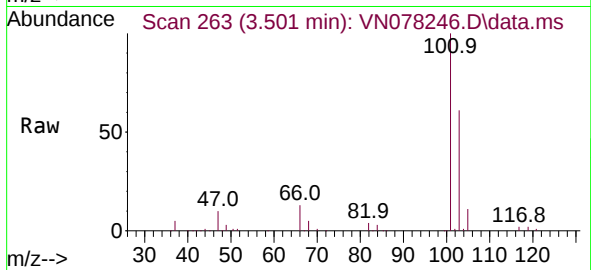
Tgt Ion: 64 Resp: 191072
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.234 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN078246.D
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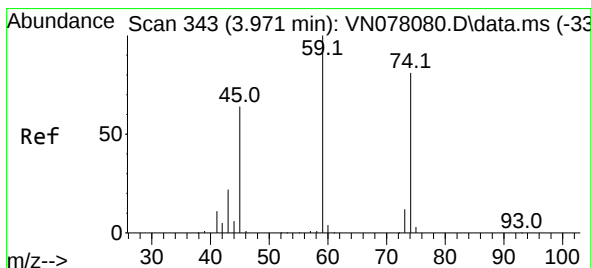
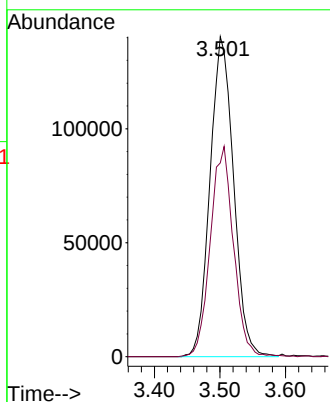
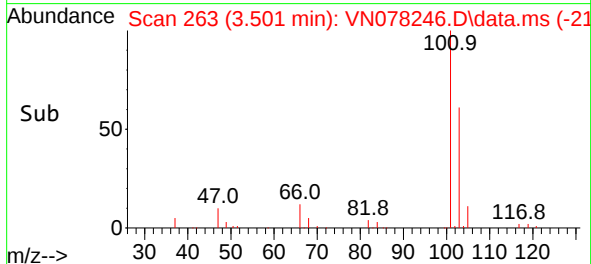
Instrument :
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Tgt Ion:101 Resp: 350349
Ion Ratio Lower Upper
101 100
103 60.6 50.7 76.1

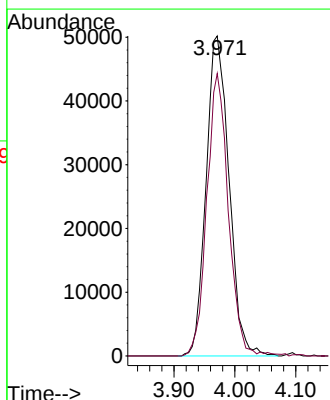
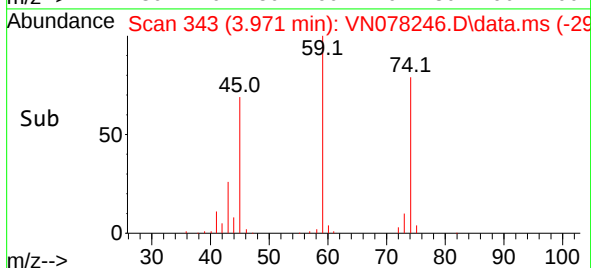
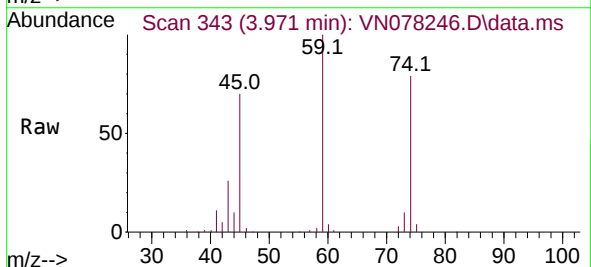
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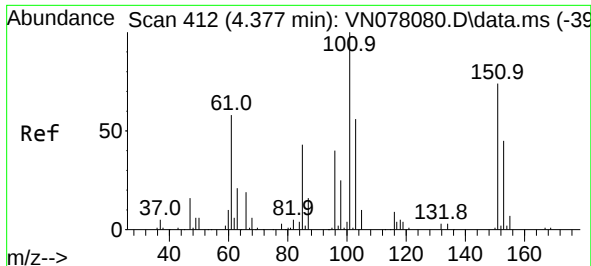
Reviewed By :John Carlone 06/16/2023
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#8
Diethyl Ether
Concen: 50.432 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 131437
Ion Ratio Lower Upper
74 100
45 82.8 34.4 103.3





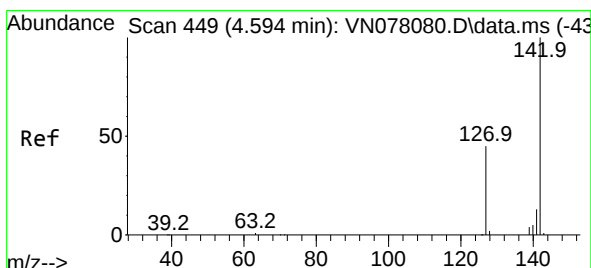
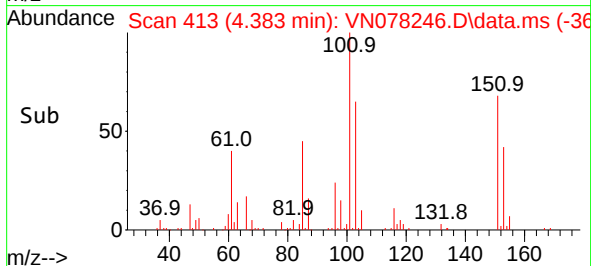
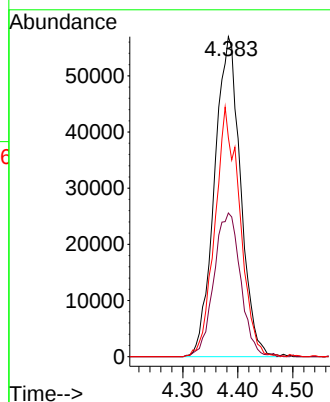
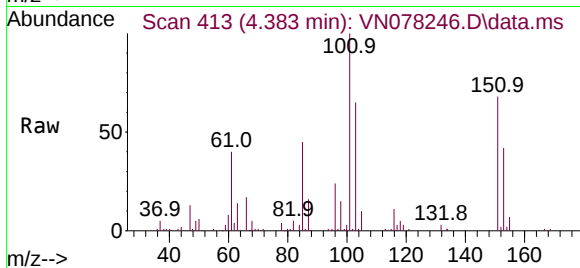
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.841 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18727
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.8 57.6 86.4

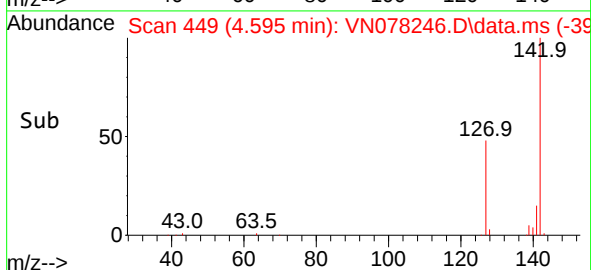
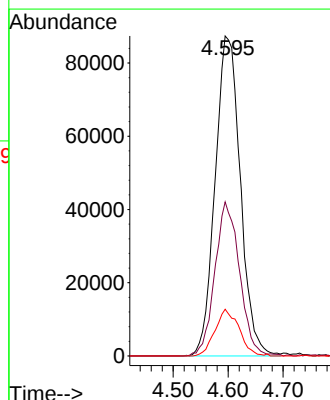
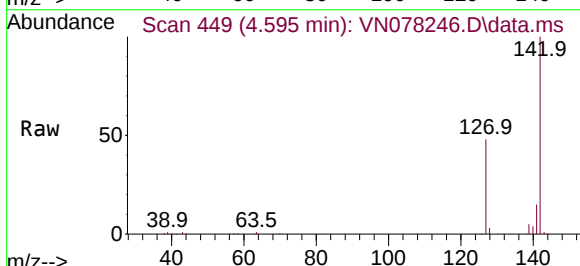
Manual Integrations
APPROVED

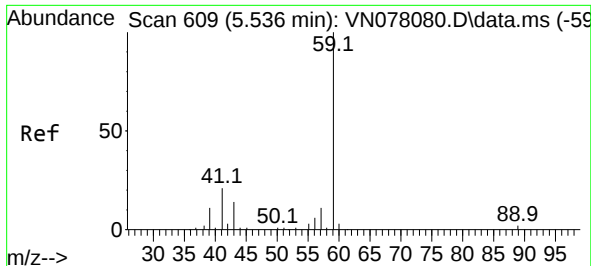
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#10
Methyl Iodide
Concen: 50.269 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

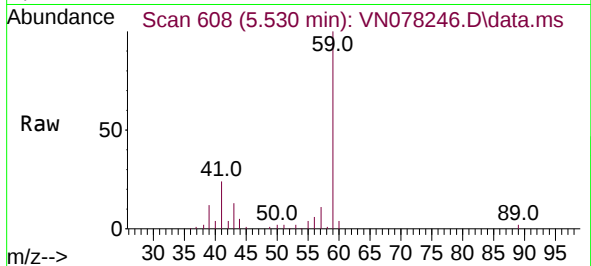
Tgt Ion:142 Resp: 278282
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 247.757 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

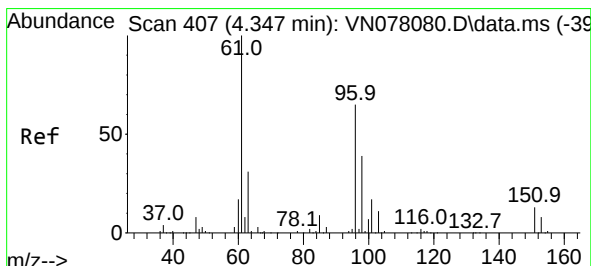
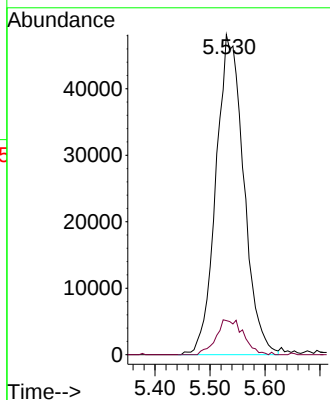
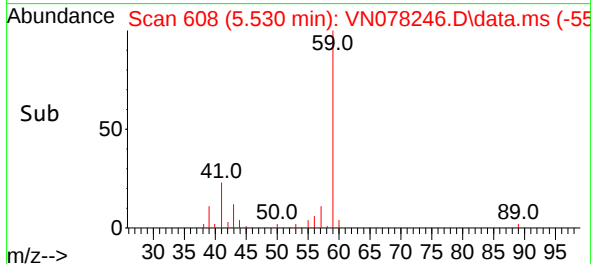
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



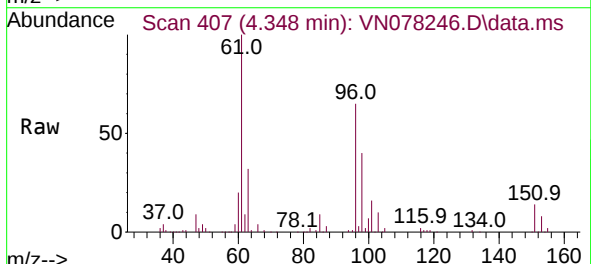
Tgt Ion: 59 Resp: 168549
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

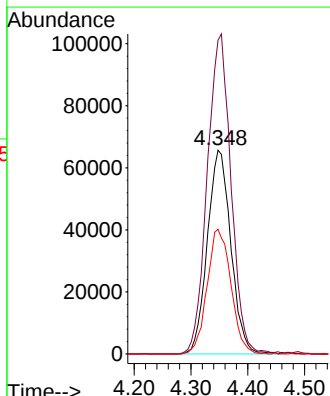
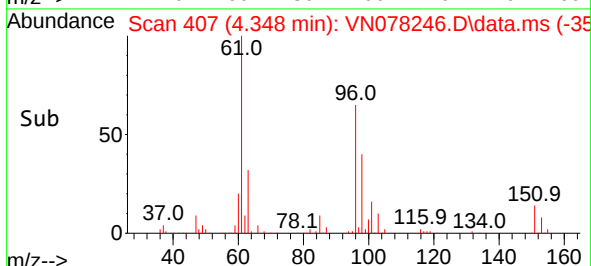
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

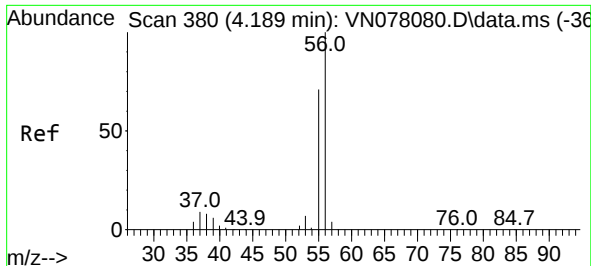


#12
1,1-Dichloroethene
Concen: 46.808 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



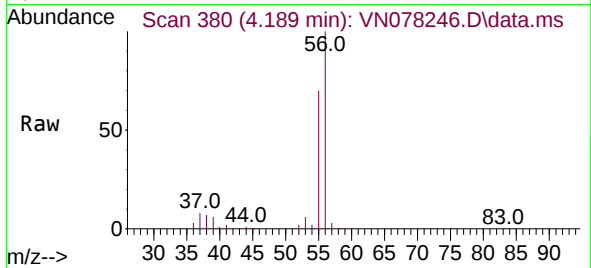
Tgt Ion: 96 Resp: 188878
Ion Ratio Lower Upper
96 100
61 153.9 112.7 169.1
98 61.2 51.2 76.8





#13
Acrolein
Concen: 286.181 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

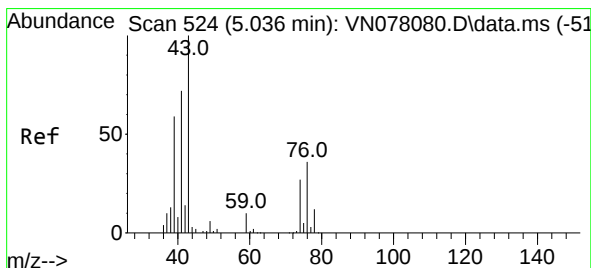
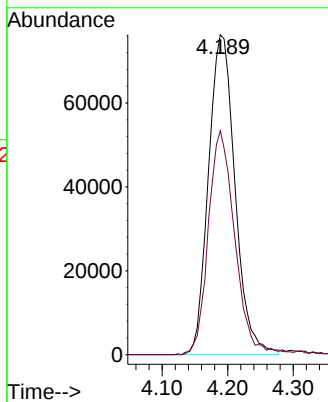
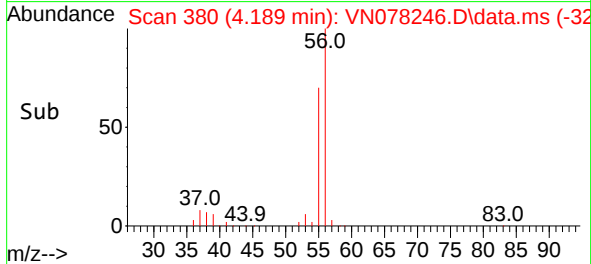
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 214572
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

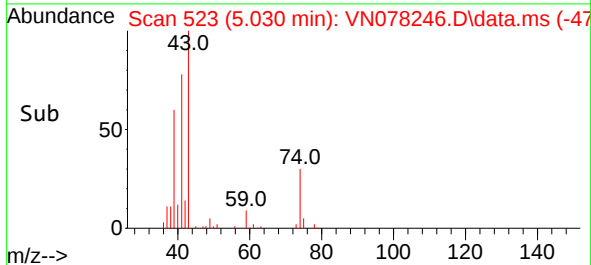
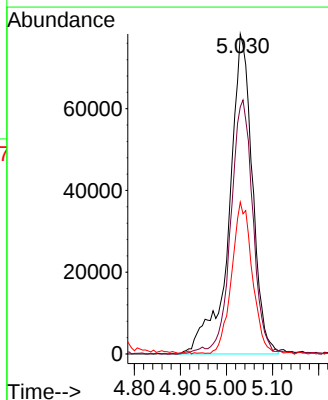
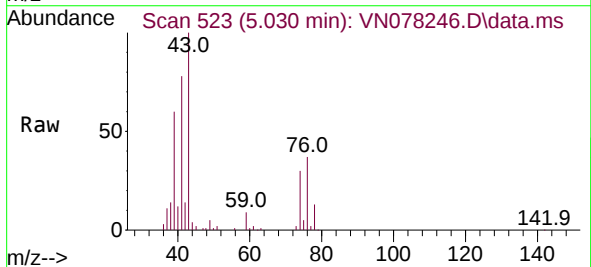
Manual Integrations
APPROVED

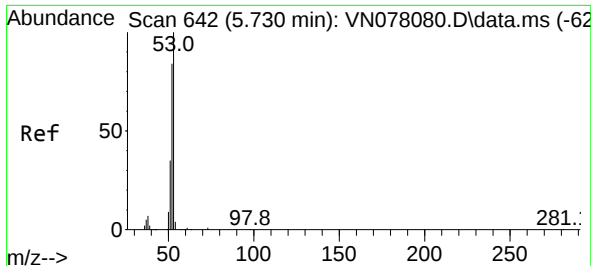
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Allyl chloride
Concen: 55.942 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

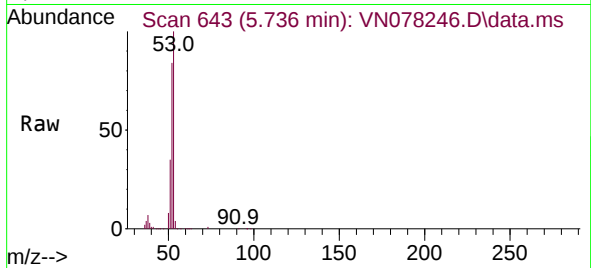
Tgt Ion: 41 Resp: 275556
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 42.3 39.1 58.7





#15
Acrylonitrile
Concen: 280.247 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

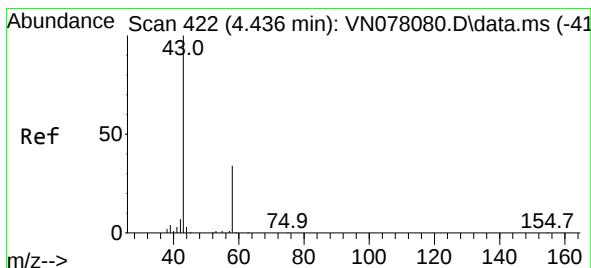
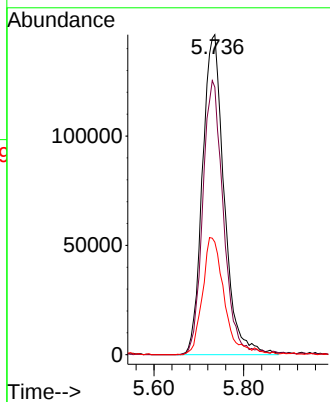
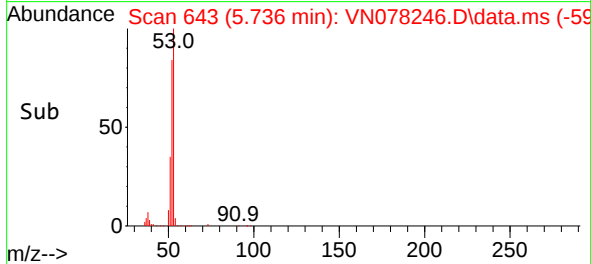
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 491529
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.1 28.9 43.3

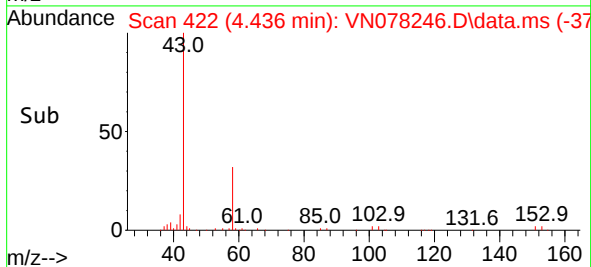
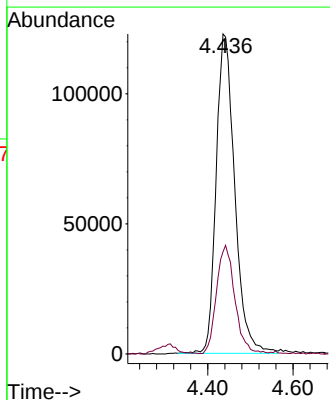
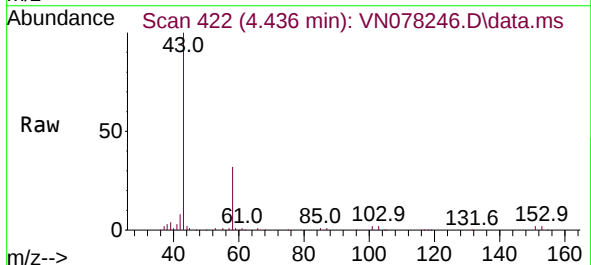
Manual Integrations
APPROVED

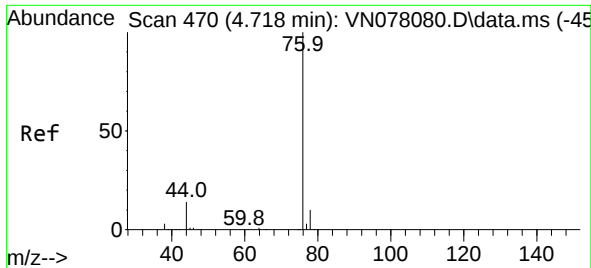
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#16
Acetone
Concen: 262.408 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 43 Resp: 372130
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17

Carbon Disulfide

Concen: 43.379 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 450549

Ion Ratio Lower Upper

76 100

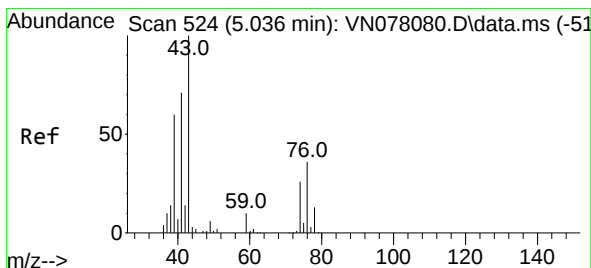
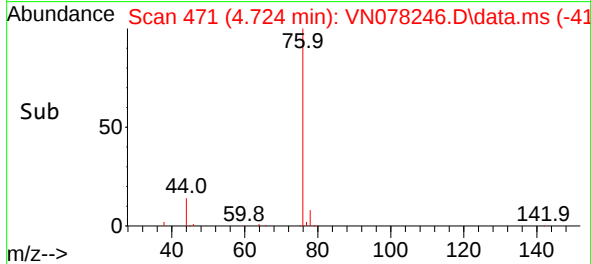
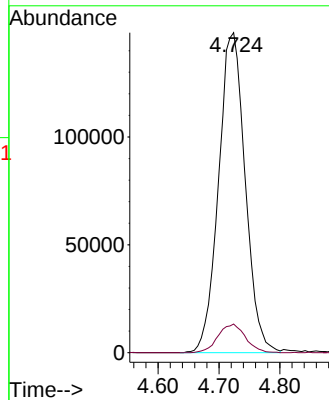
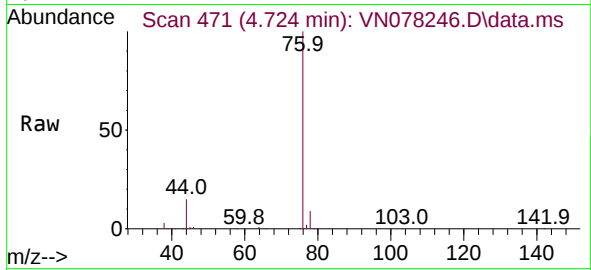
78 9.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#18

Methyl Acetate

Concen: 53.208 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078246.D

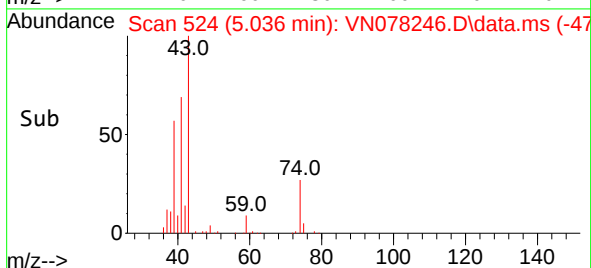
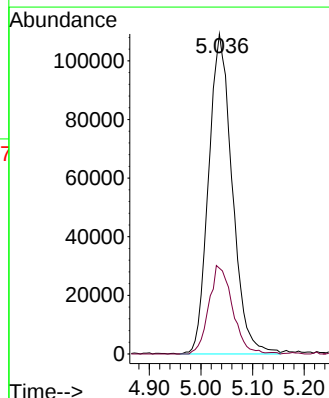
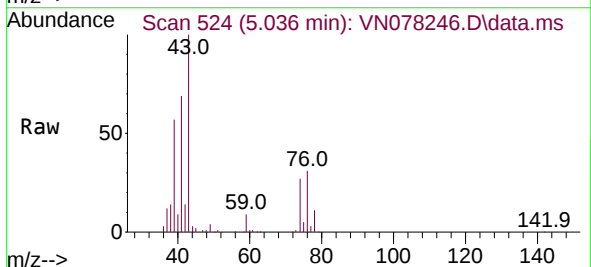
Acq: 15 Jun 2023 22:22

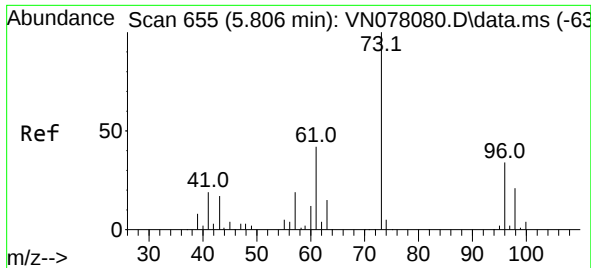
Tgt Ion: 43 Resp: 347398

Ion Ratio Lower Upper

43 100

74 27.5 26.2 39.4





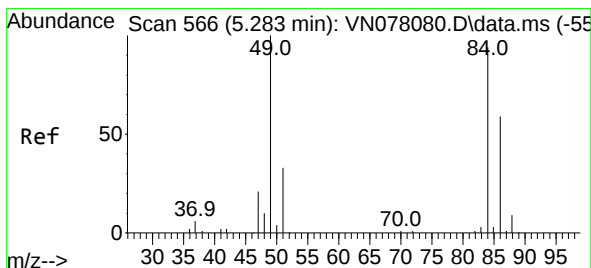
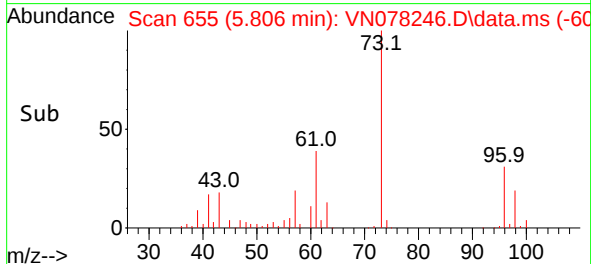
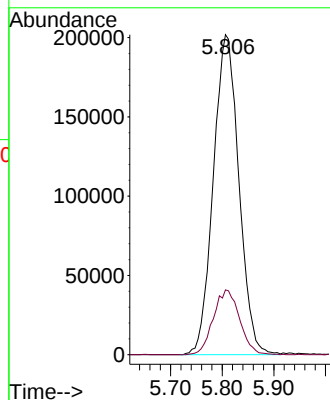
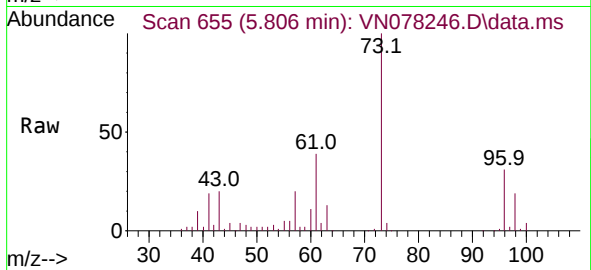
#19
Methyl tert-butyl Ether
Concen: 53.818 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 692884
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

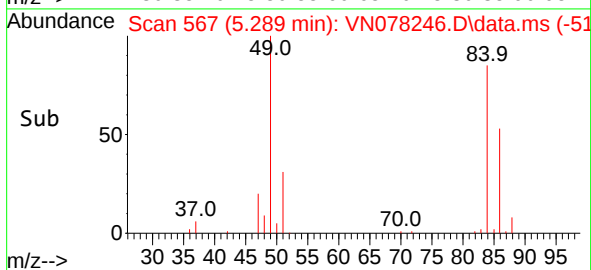
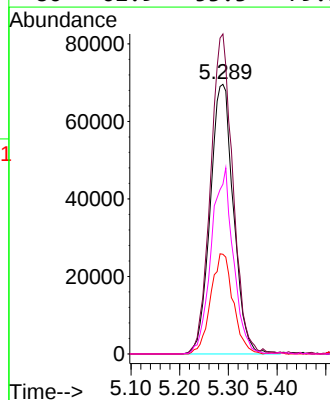
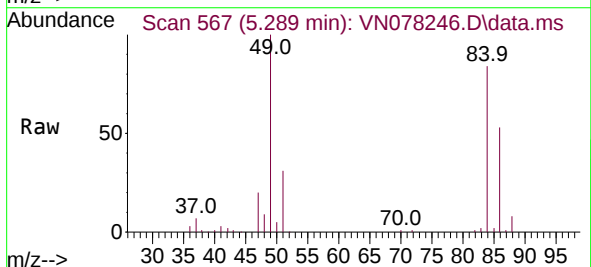
Manual Integrations
APPROVED

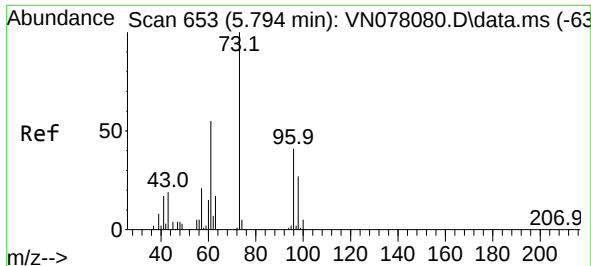
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 49.321 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

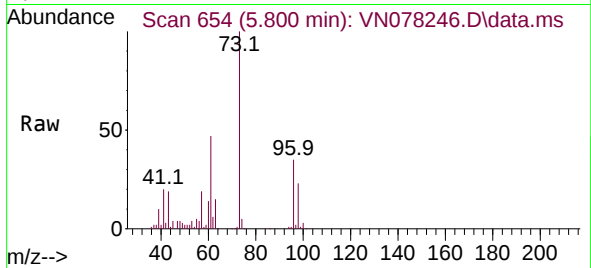
Tgt Ion: 84 Resp: 231131
Ion Ratio Lower Upper
84 100
49 118.7 79.7 119.5
51 37.0 25.2 37.8
86 62.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.174 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

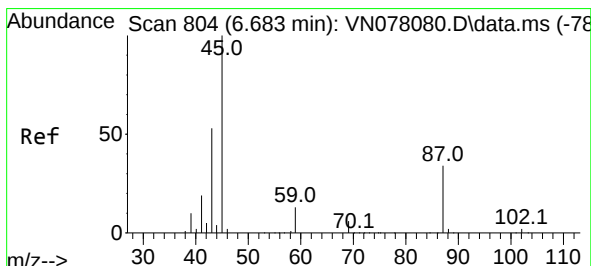
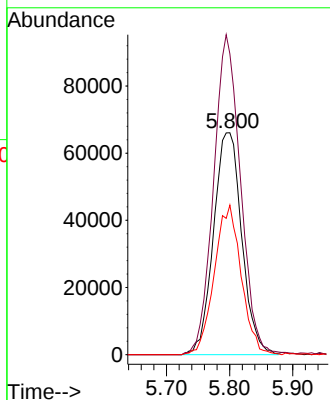
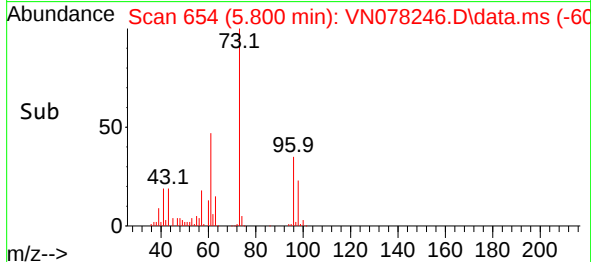
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



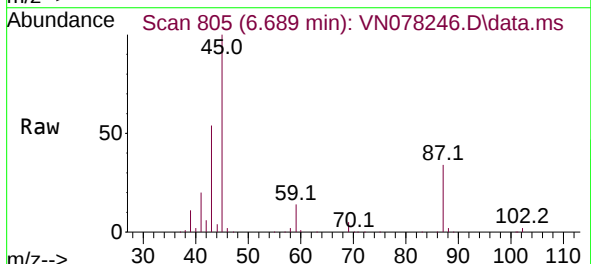
Tgt Ion: 96 Resp: 20531
Ion Ratio Lower Upper
96 100
61 135.6 90.1 135.1
98 67.4 46.4 69.6

Manual Integrations
APPROVED

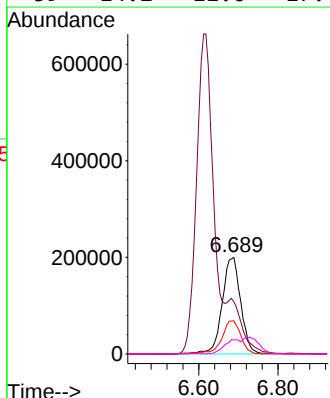
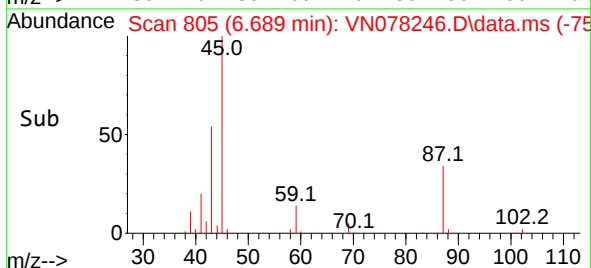
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

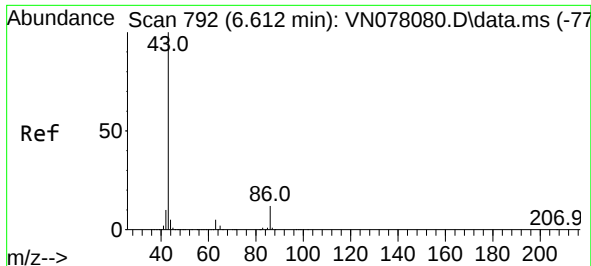


#22
Diisopropyl ether
Concen: 56.035 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



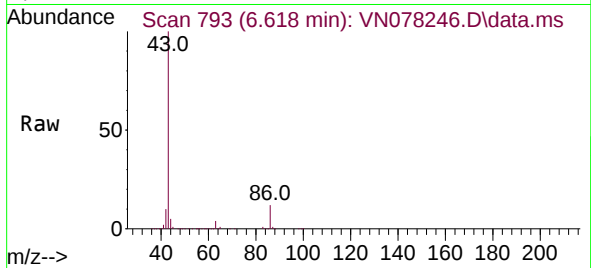
Tgt Ion: 45 Resp: 649252
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 34.1 31.8 47.8
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 282.024 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

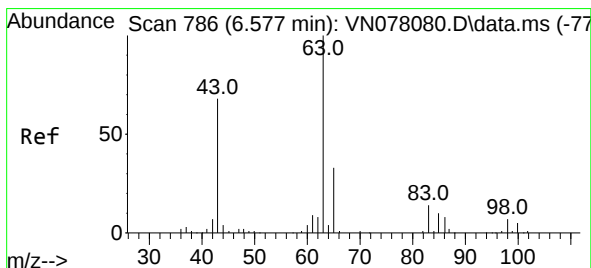
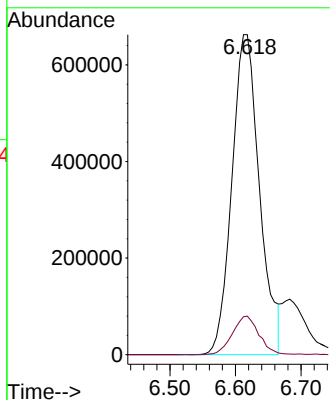
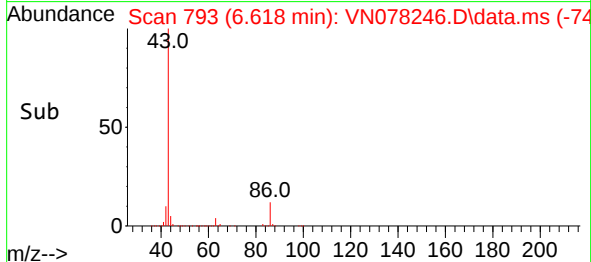
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



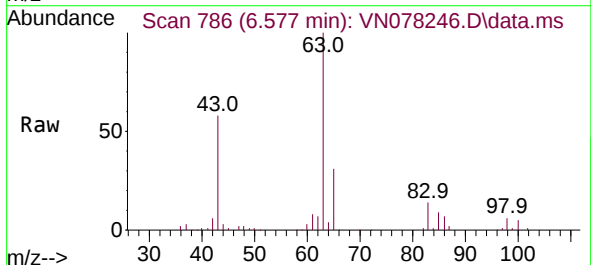
Tgt Ion: 43 Resp: 1942454
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
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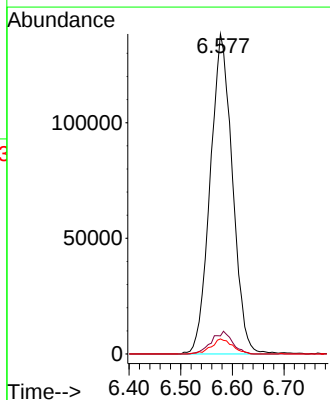
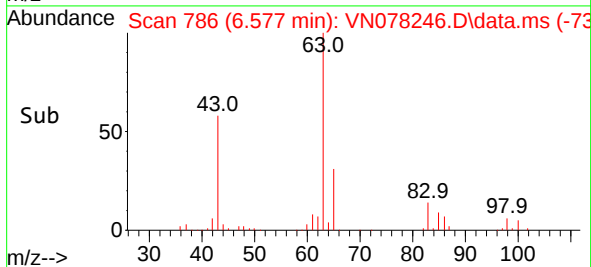
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

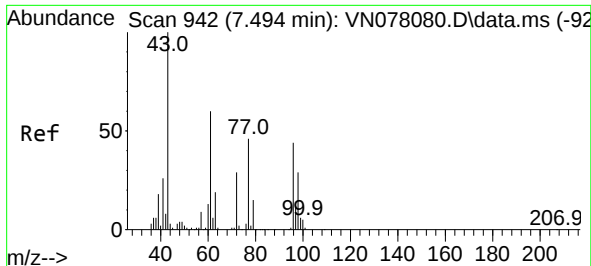


#24
 1,1-Dichloroethane
 Concen: 54.118 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22



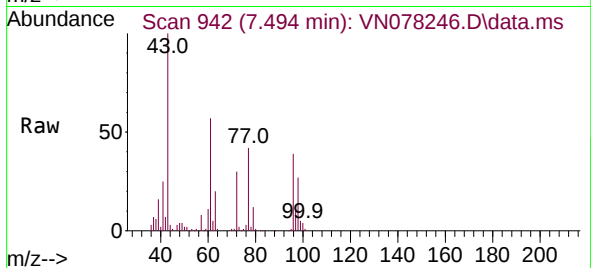
Tgt Ion: 63 Resp: 413642
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 278.929 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

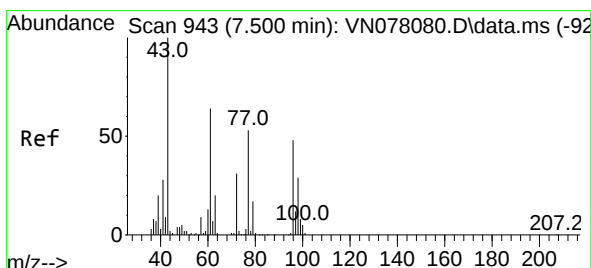
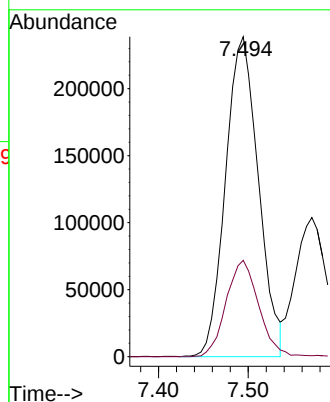
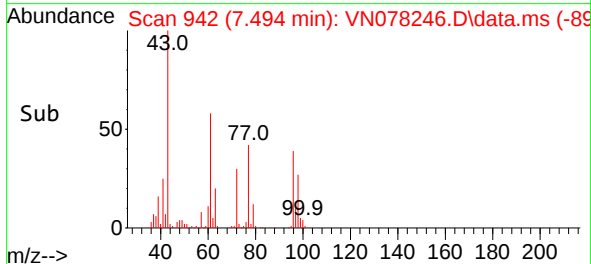
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



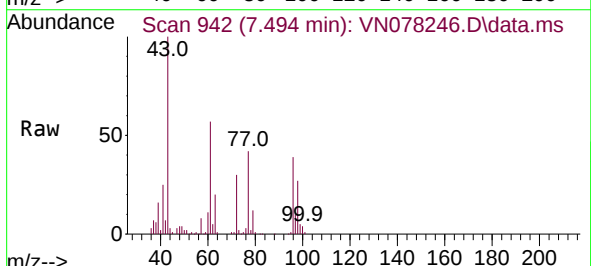
Tgt Ion: 43 Resp: 608285
Ion Ratio Lower Upper
43 100
72 30.1 30.2 45.2

Manual Integrations
APPROVED

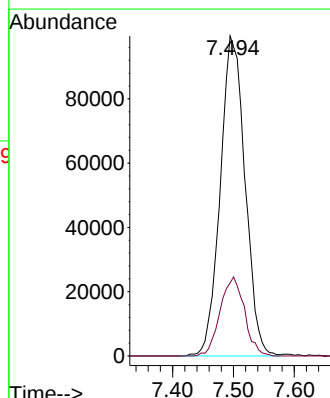
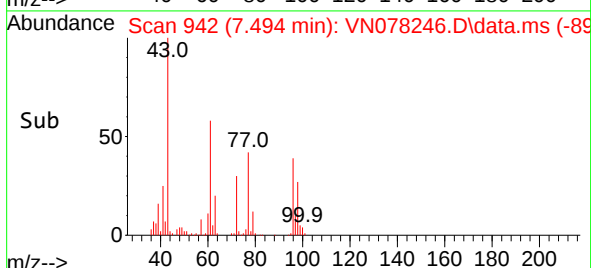
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

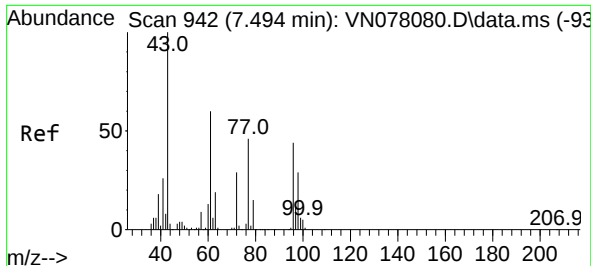


#26
2,2-Dichloropropane
Concen: 49.920 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



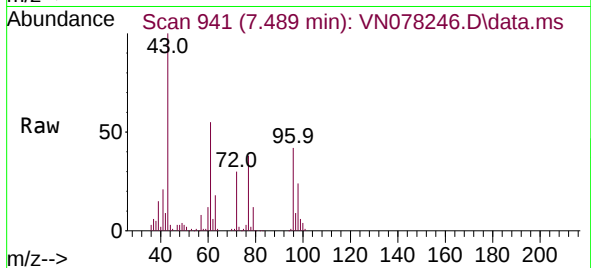
Tgt Ion: 77 Resp: 281731
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 49.516 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

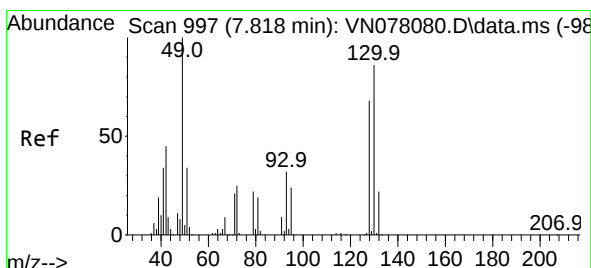
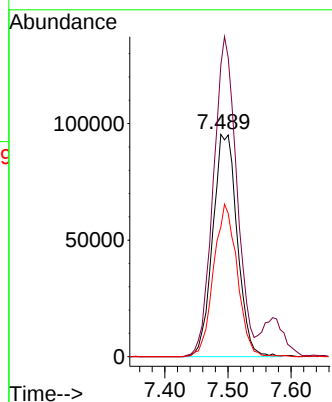
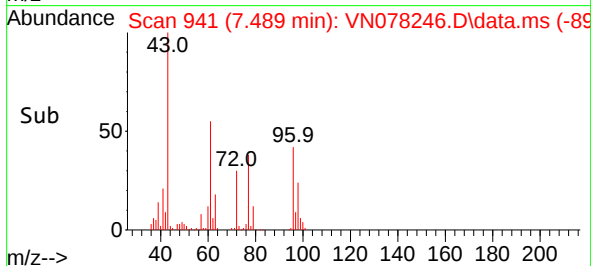
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 25705
Ion Ratio Lower Upper
96 100
61 137.4 0.0 255.2
98 66.5 0.0 128.8

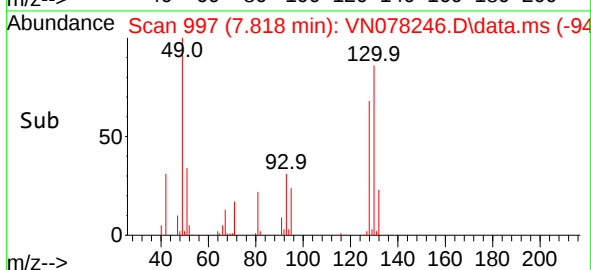
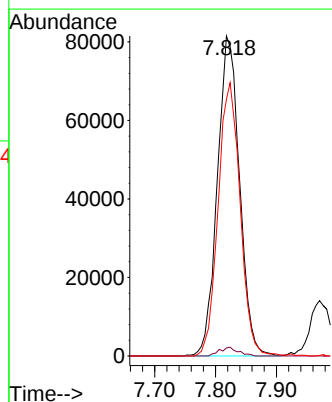
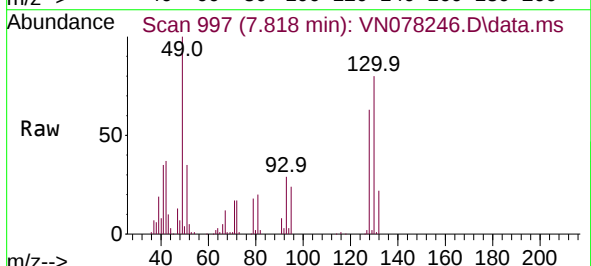
Manual Integrations
APPROVED

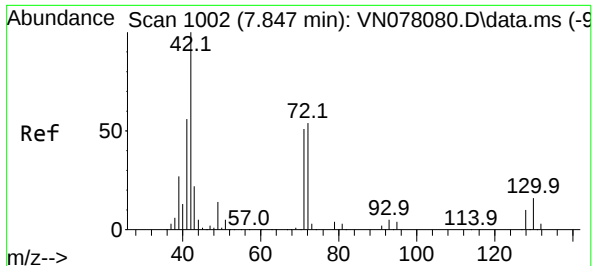
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#28
Bromochloromethane
Concen: 58.902 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 49 Resp: 206710
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 84.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 270.430 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 394252

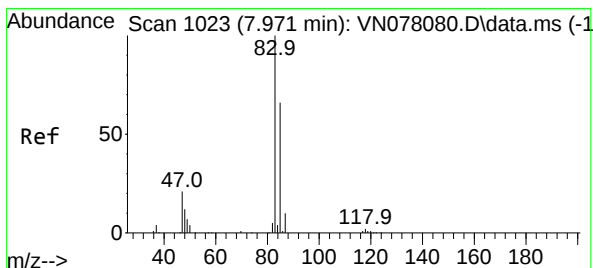
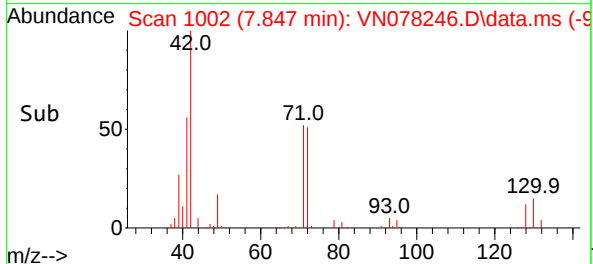
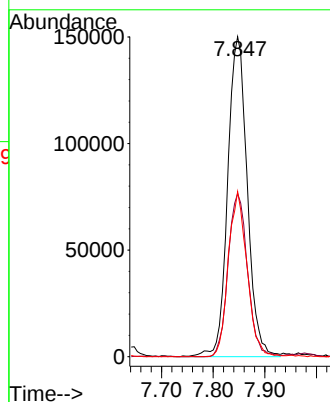
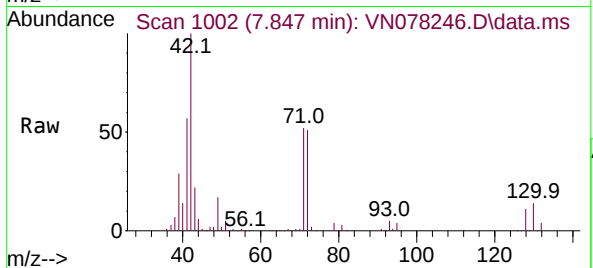
Ion	Ratio	Lower	Upper
42	100		
72	50.7	49.8	74.6
71	49.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

Chloroform

Concen: 54.664 ug/l

RT: 7.977 min Scan# 1024

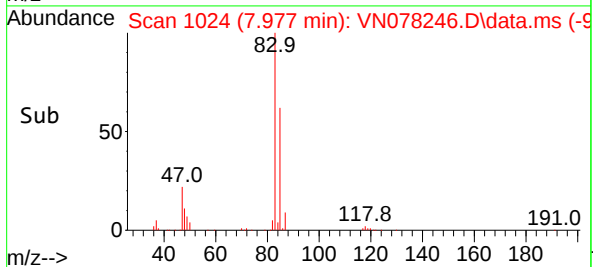
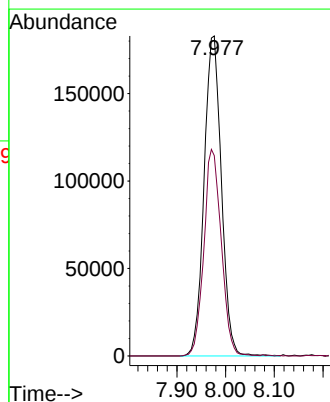
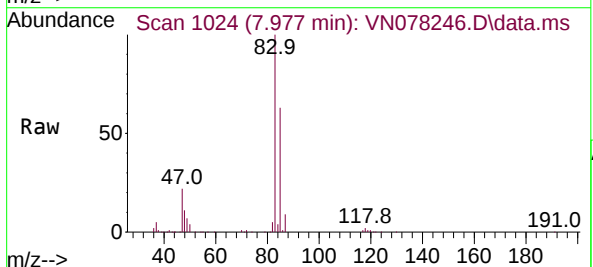
Delta R.T. 0.006 min

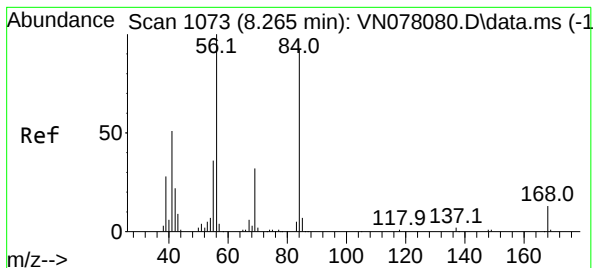
Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Tgt Ion: 83 Resp: 449912

Ion	Ratio	Lower	Upper
83	100		
85	62.6	55.4	83.0





#31

Cyclohexane

Concen: 44.062 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078246.D

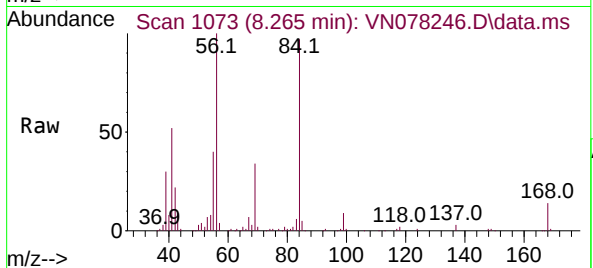
Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 278470

Ion Ratio Lower Upper

56 100

69 34.3 26.8 40.2

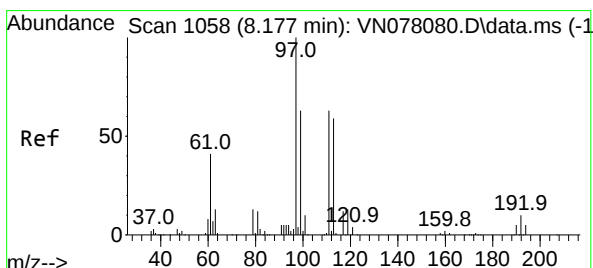
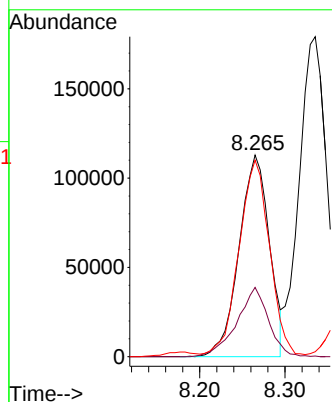
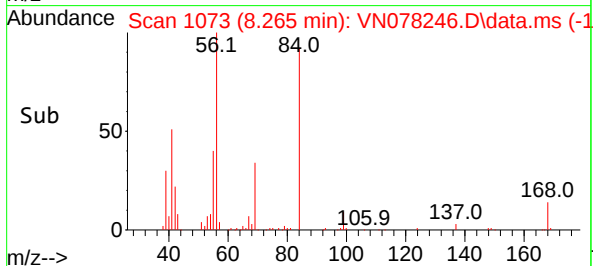
84 95.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#32

1,1,1-Trichloroethane

Concen: 53.133 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

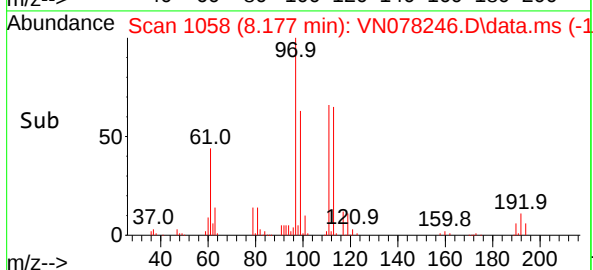
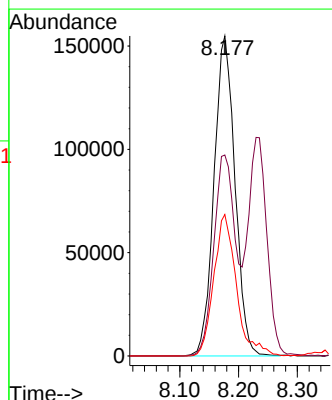
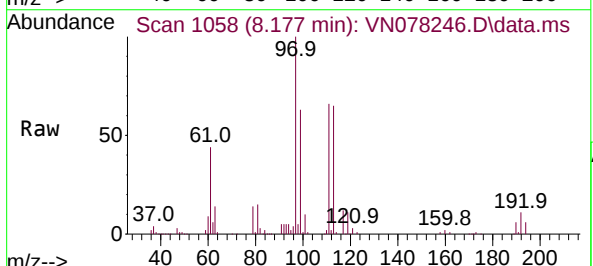
Tgt Ion: 97 Resp: 383929

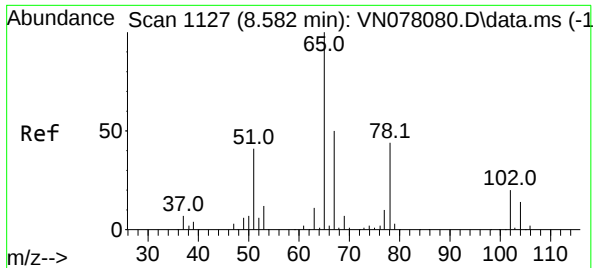
Ion Ratio Lower Upper

97 100

99 65.8 50.3 75.5

61 47.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.034 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 285927

Ion Ratio Lower Upper

65 100

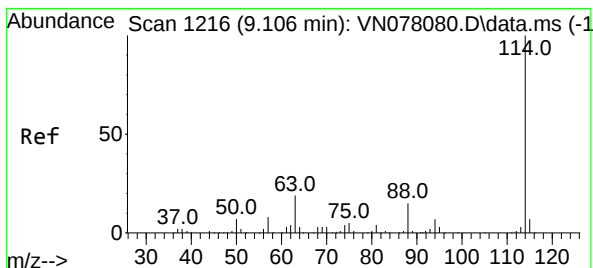
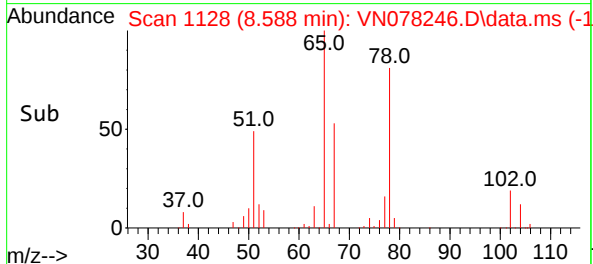
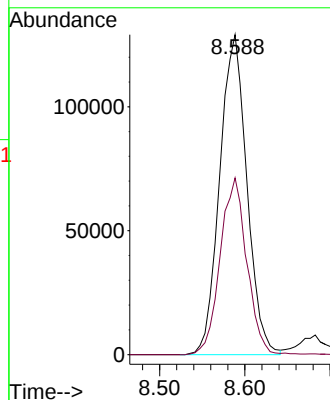
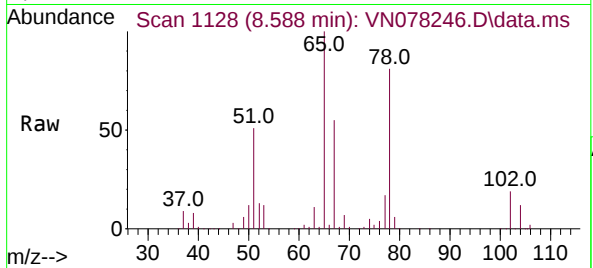
67 54.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

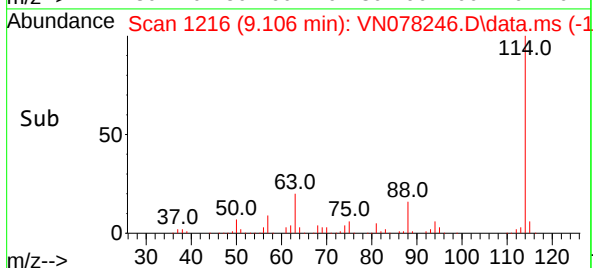
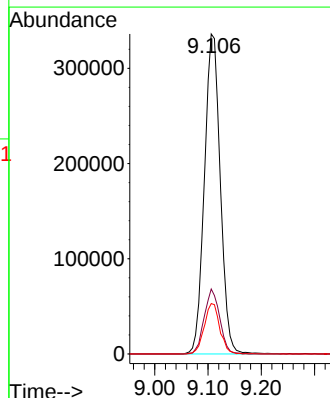
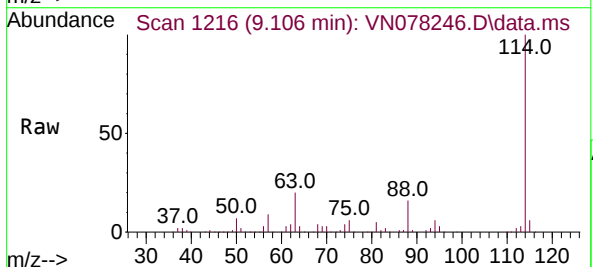
Tgt Ion:114 Resp: 698927

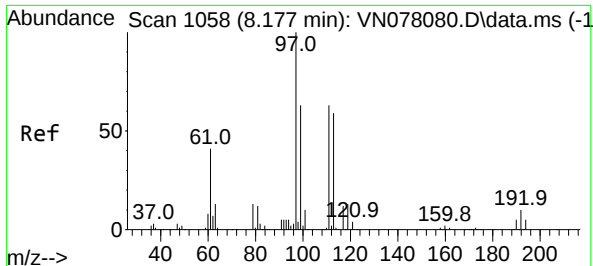
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.644 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 24590

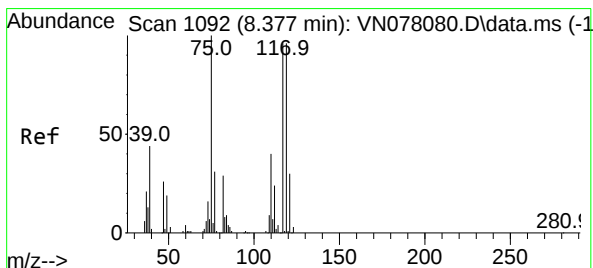
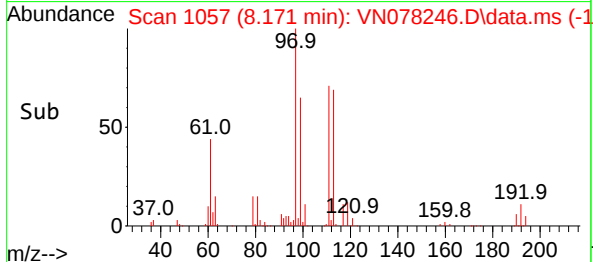
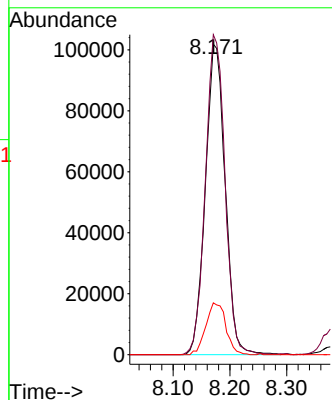
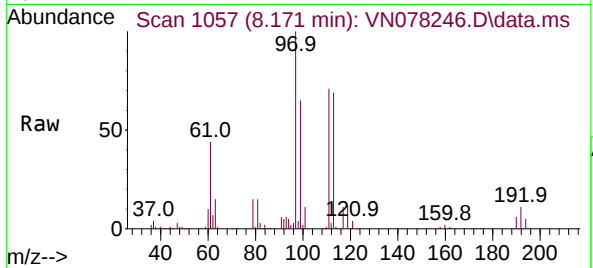
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	16.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#36

1,1-Dichloropropene

Concen: 48.623 ug/l

RT: 8.383 min Scan# 1093

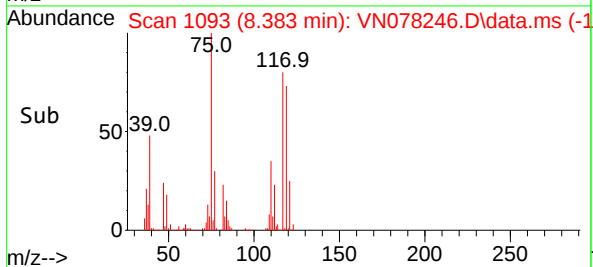
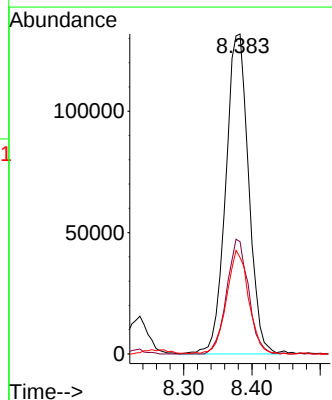
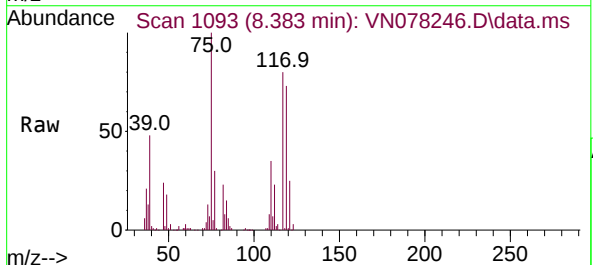
Delta R.T. 0.006 min

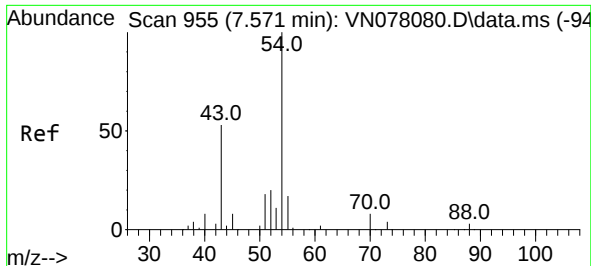
Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Tgt Ion: 75 Resp: 308212

Ion	Ratio	Lower	Upper
75	100		
110	34.3	19.1	57.3
77	31.5	25.0	37.4





#37
Ethyl Acetate
Concen: 52.484 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

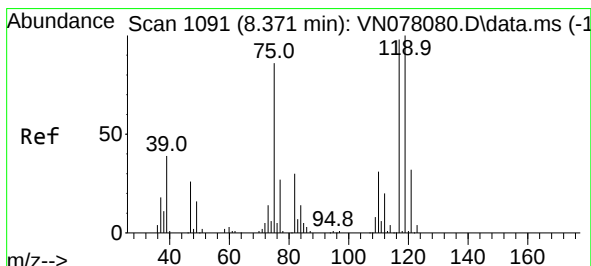
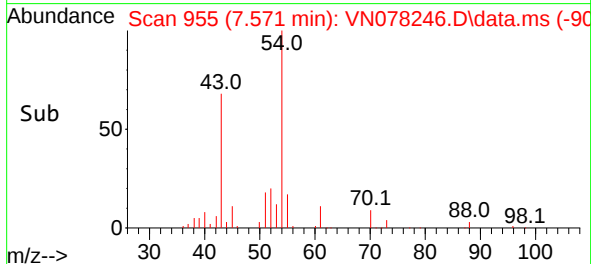
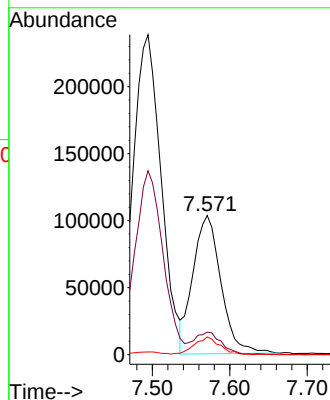
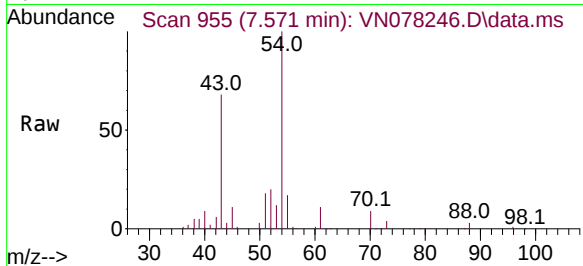
VSTDCCC050EC

Tgt Ion: 43 Resp: 259895
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.9 11.3 16.9

Manual Integrations

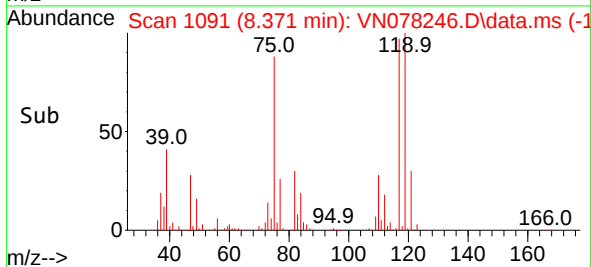
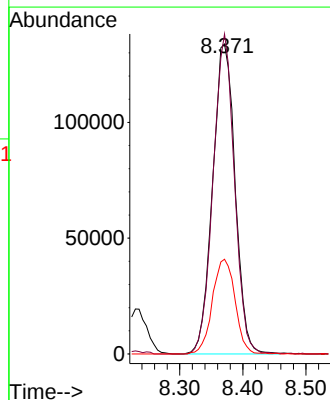
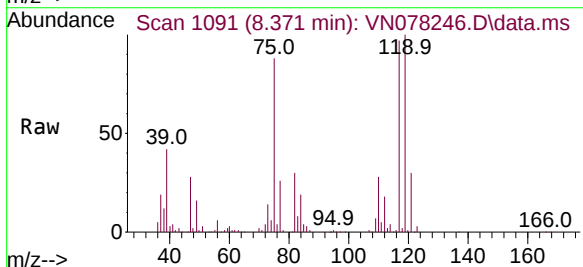
APPROVED

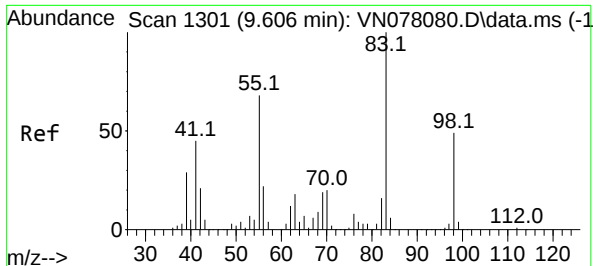
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#38
Carbon Tetrachloride
Concen: 49.638 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:117 Resp: 332235
Ion Ratio Lower Upper
117 100
119 103.3 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 40.428 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

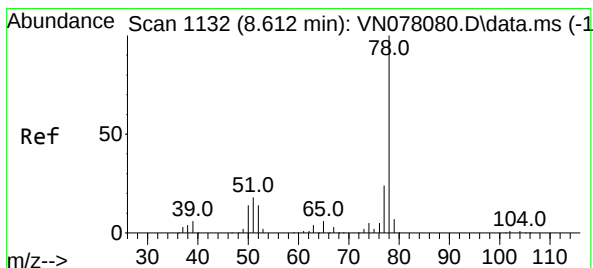
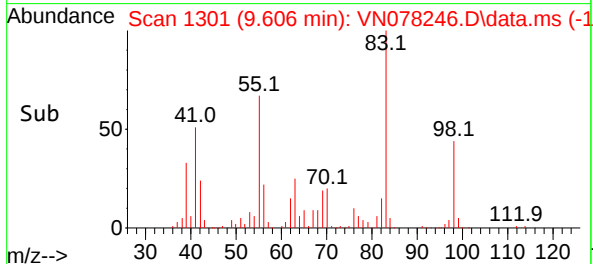
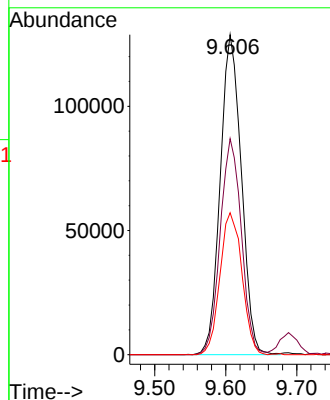
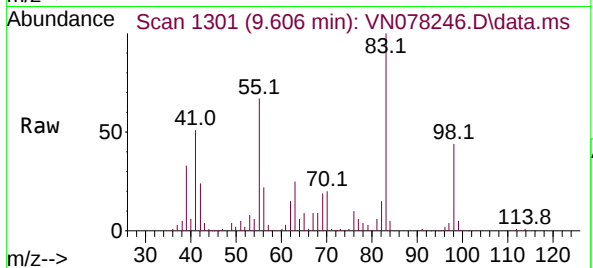
Tgt Ion: 83 Resp: 265578
 Ion Ratio Lower Upper
 83 100
 55 67.5 49.1 73.7
 98 44.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#40

Benzene

Concen: 50.405 ug/l

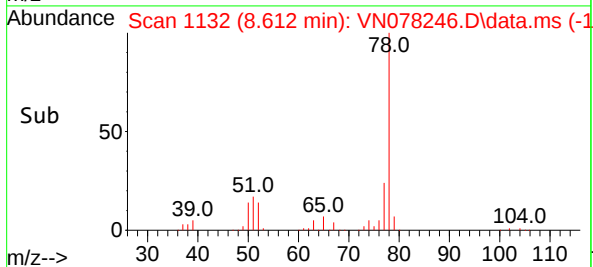
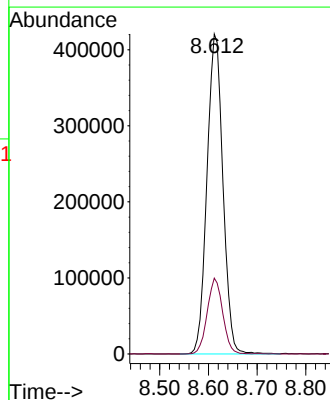
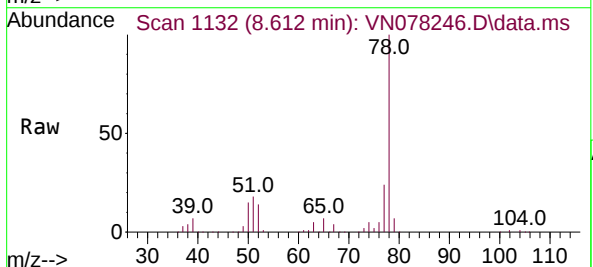
RT: 8.612 min Scan# 1132

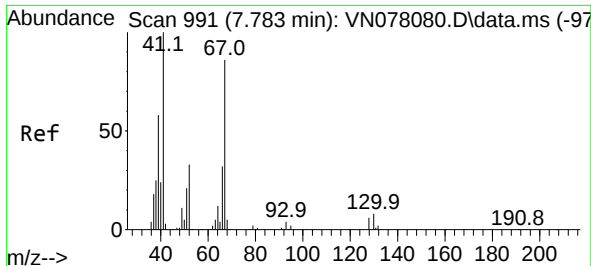
Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

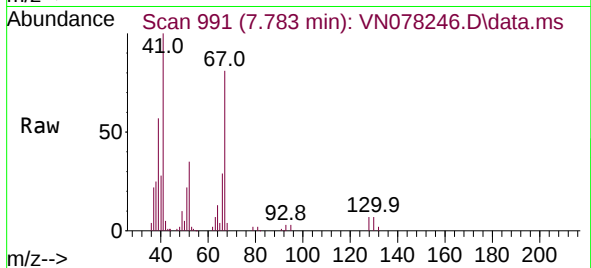
Tgt Ion: 78 Resp: 953876
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 51.454 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

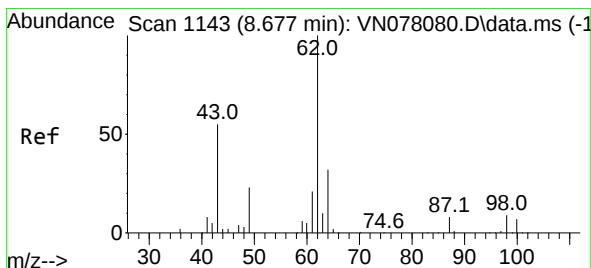
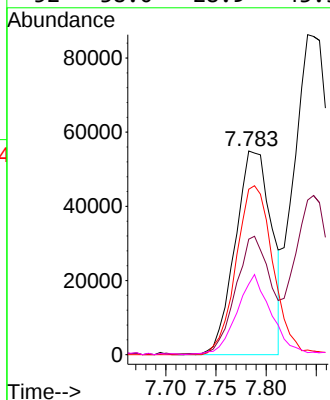
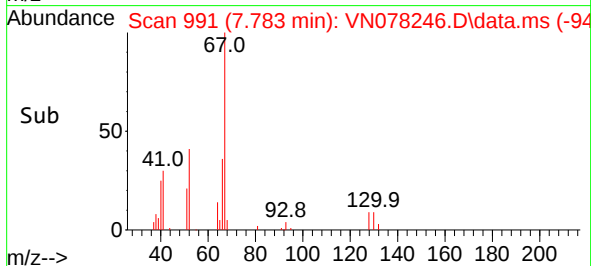
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 138108
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 84.8 77.5 116.3
52 38.0 28.9 43.3

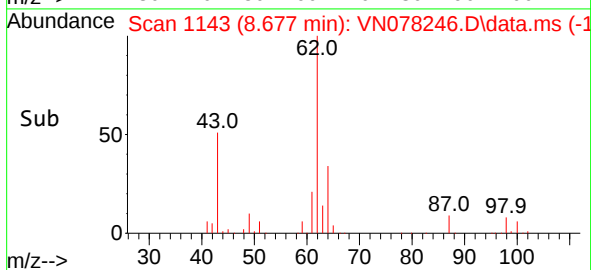
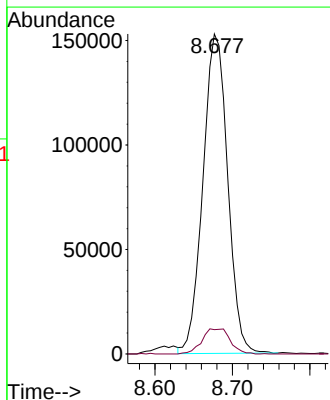
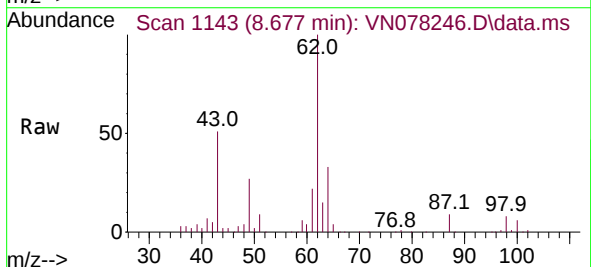
Manual Integrations
APPROVED

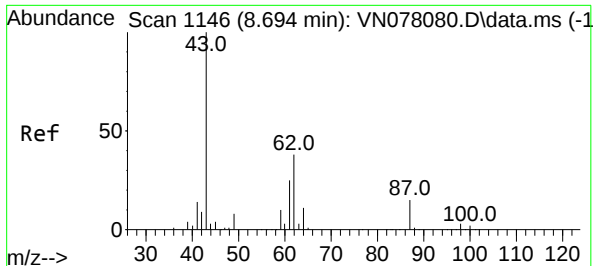
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
1,2-Dichloroethane
Concen: 52.213 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

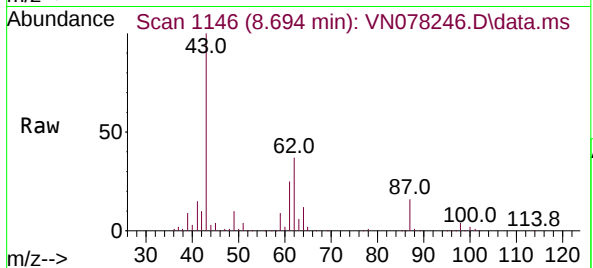
Tgt Ion: 62 Resp: 338782
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.711 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

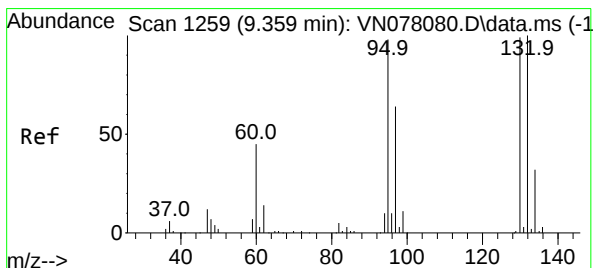
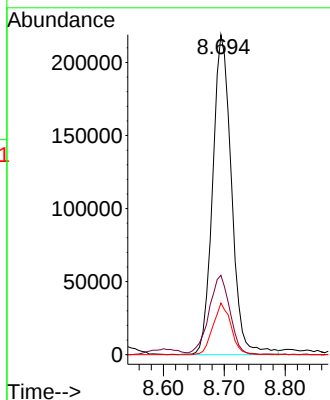
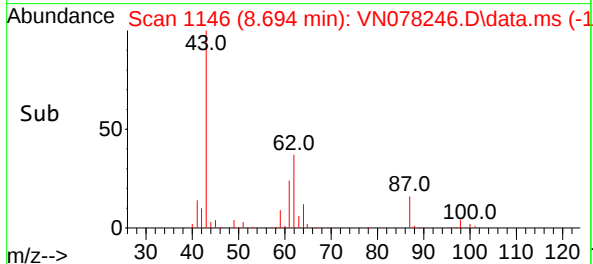
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



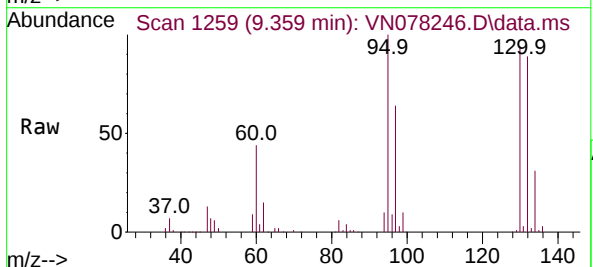
Tgt Ion: 43 Resp: 47077
Ion Ratio Lower Upper
43 100
61 27.4 24.7 37.1
87 15.4 14.6 21.8

Manual Integrations
APPROVED

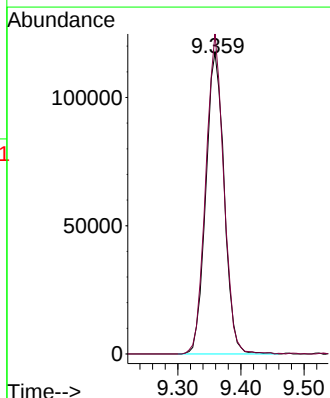
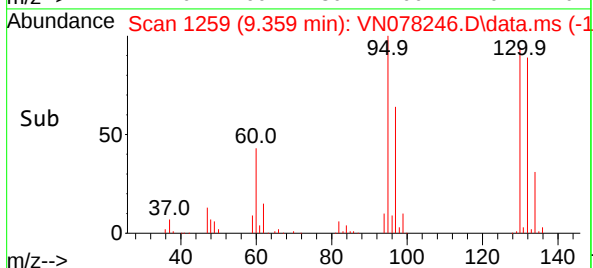
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

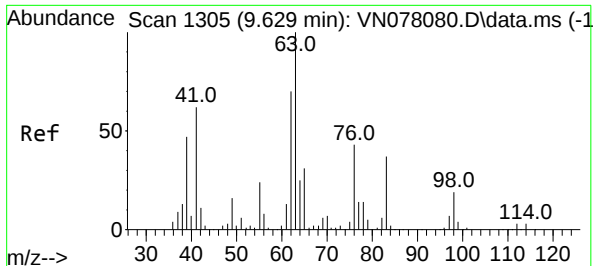


#44
Trichloroethene
Concen: 47.475 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion:130 Resp: 237264
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.978 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 24944

Ion Ratio Lower Upper

63 100

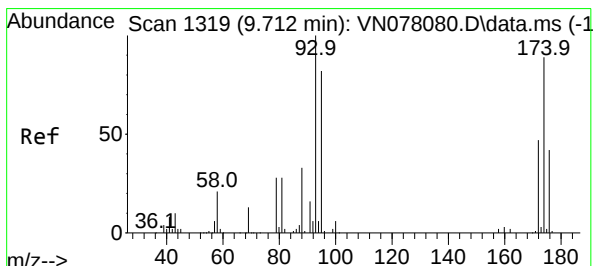
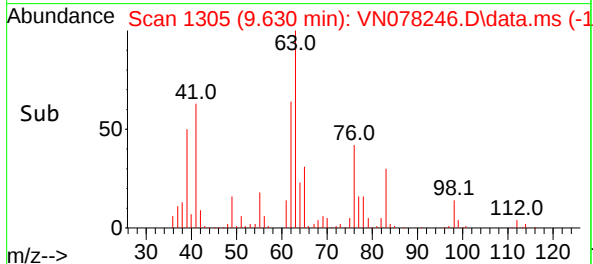
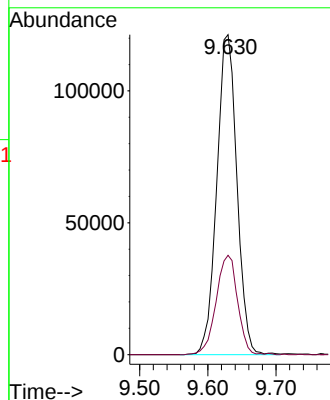
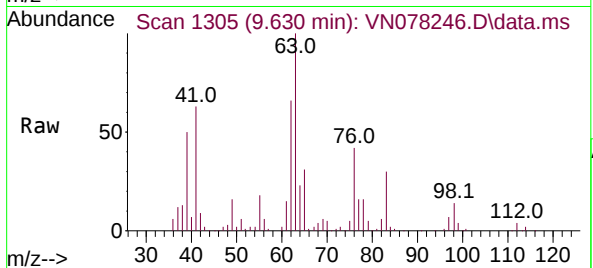
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

Dibromomethane

Concen: 49.922 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

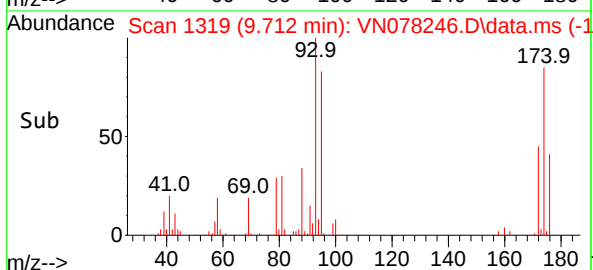
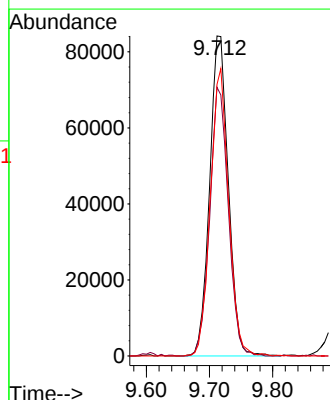
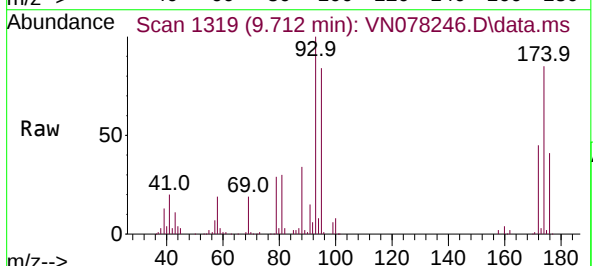
Tgt Ion: 93 Resp: 173129

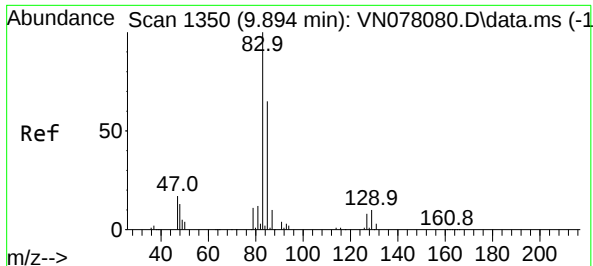
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

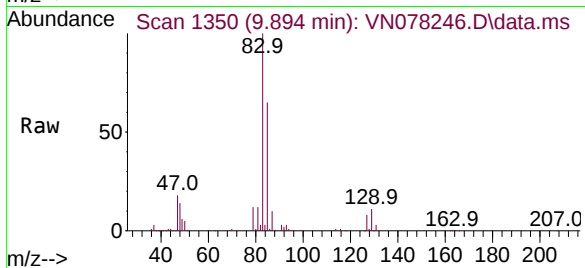
174 88.0 65.6 98.4





#47
Bromodichloromethane
Concen: 54.376 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

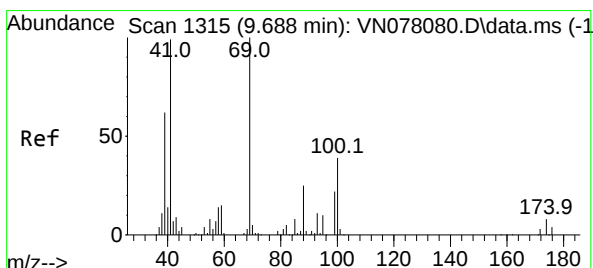
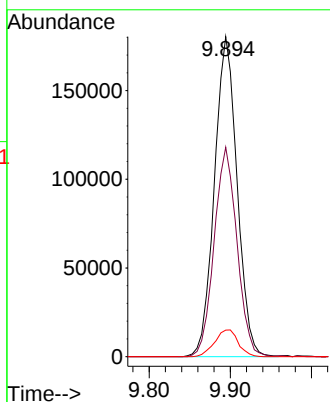
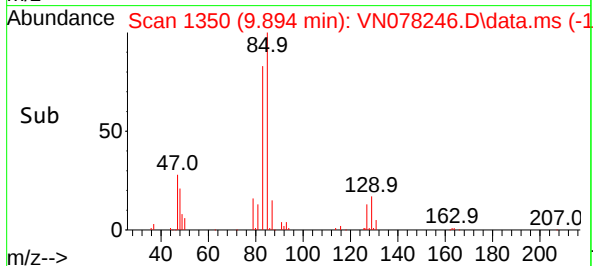
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



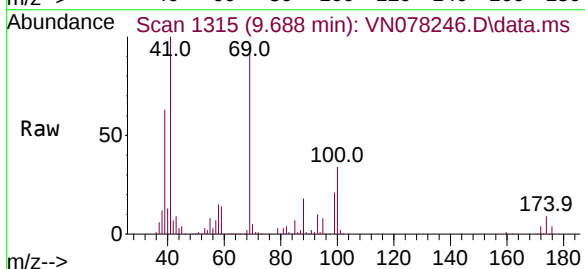
Tgt Ion: 83 Resp: 350288
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

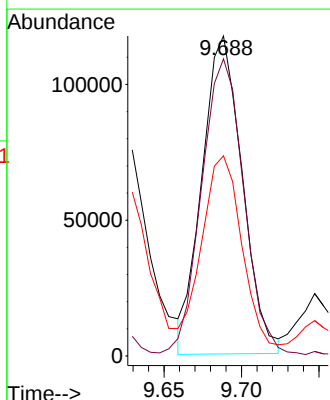
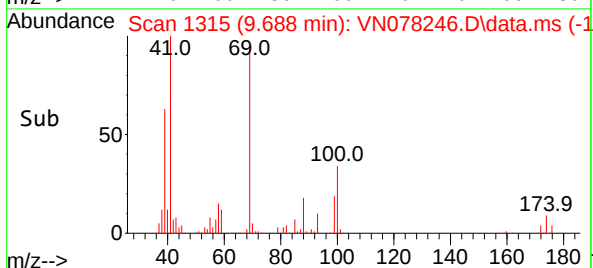
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

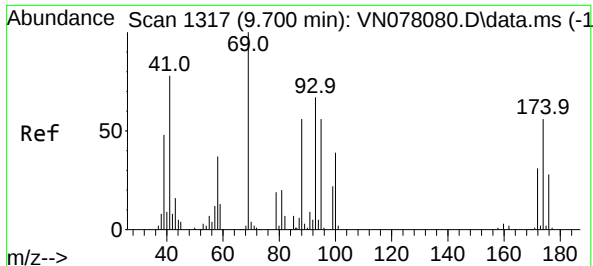


#48
Methyl methacrylate
Concen: 53.297 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



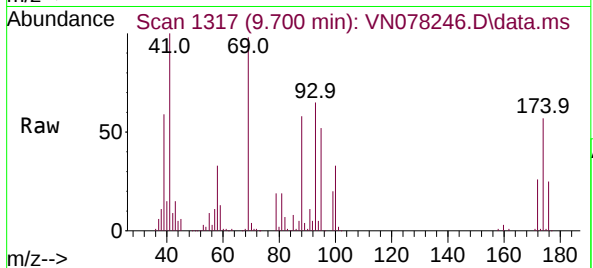
Tgt Ion: 41 Resp: 211815
Ion Ratio Lower Upper
41 100
69 97.4 90.4 135.6
39 64.1 54.6 81.8





#49
1,4-Dioxane
Concen: 968.856 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

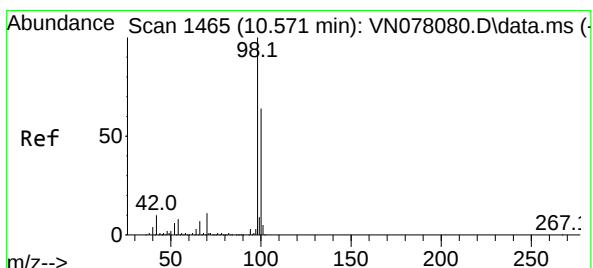
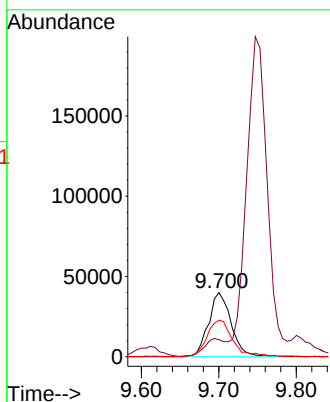
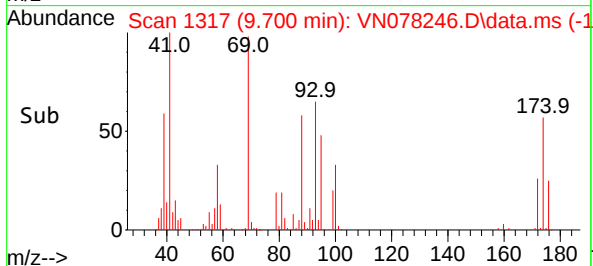
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



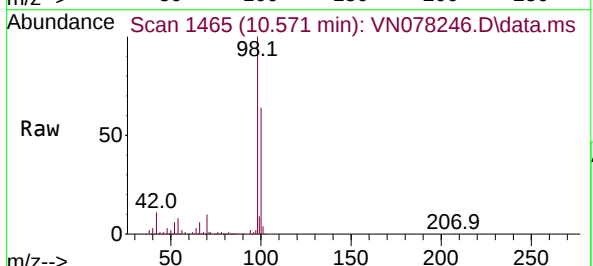
Tgt Ion: 88 Resp: 80929
Ion Ratio Lower Upper
88 100
43 27.4 17.0 25.6
58 64.9 47.0 70.4

Manual Integrations
APPROVED

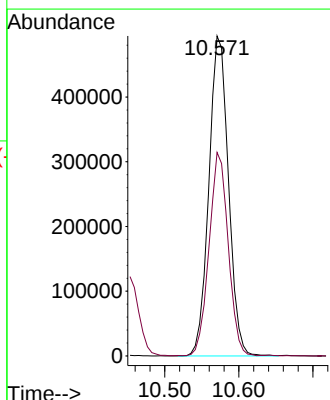
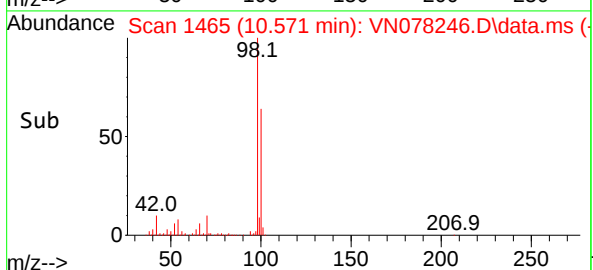
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

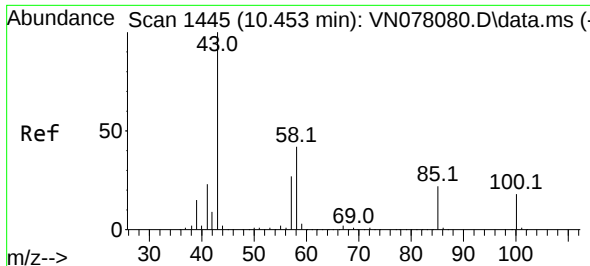


#50
Toluene-d8
Concen: 53.175 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion: 98 Resp: 905916
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 273.879 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

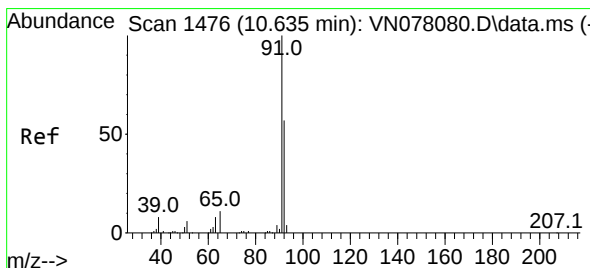
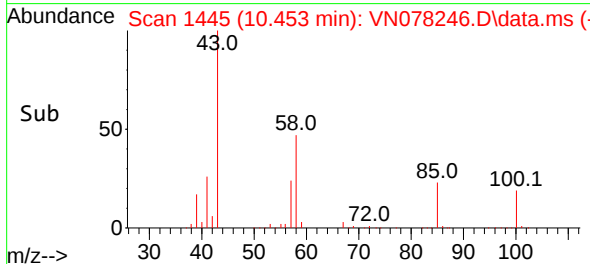
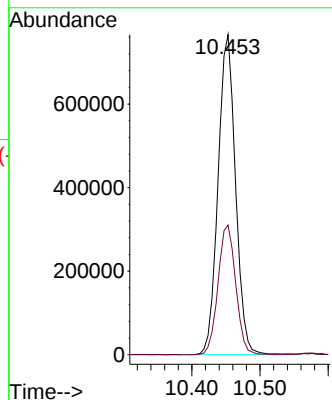
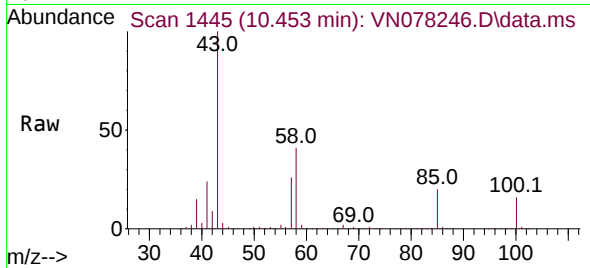
VSTDCCC050EC

Tgt Ion: 43 Resp: 1365820
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

Manual Integrations

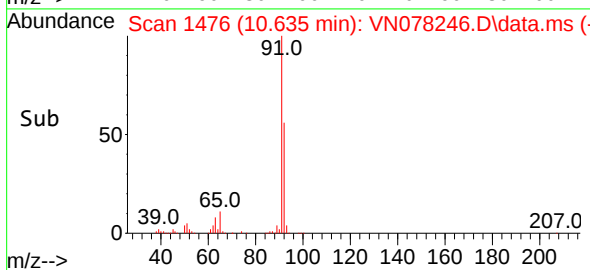
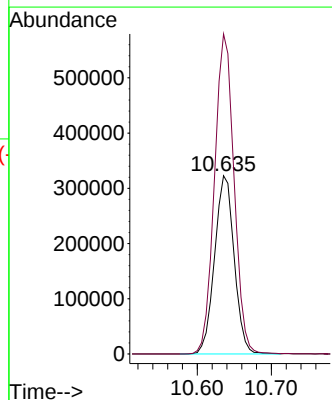
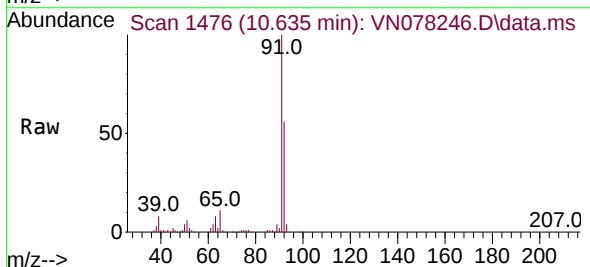
APPROVED

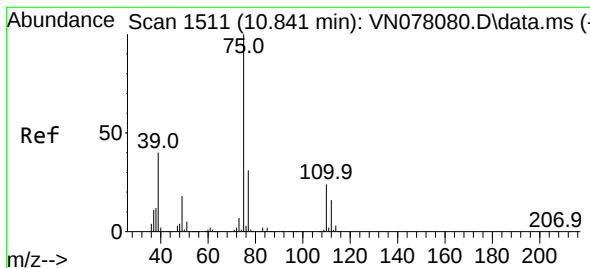
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Toluene
Concen: 49.548 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion: 92 Resp: 592006
Ion Ratio Lower Upper
92 100
91 179.7 137.4 206.0





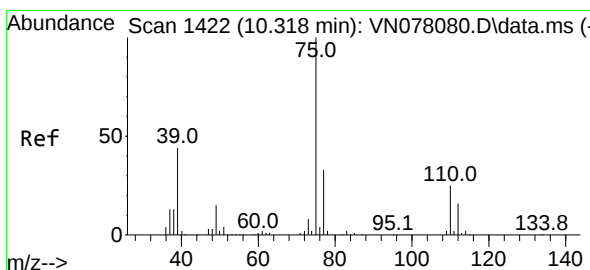
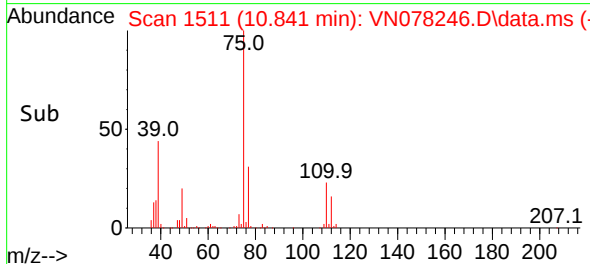
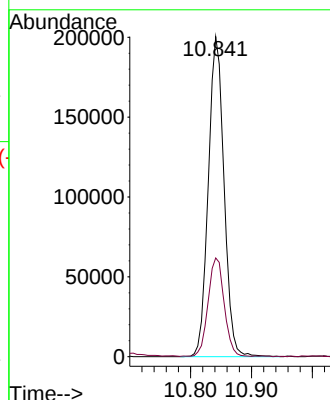
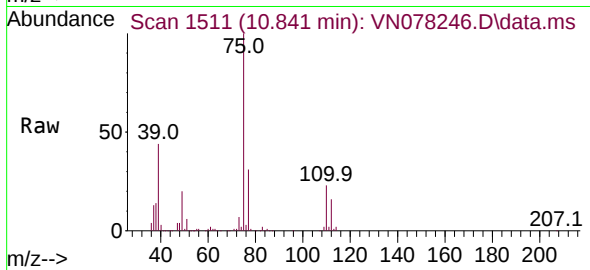
#53
t-1,3-Dichloropropene
Concen: 53.679 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 360128
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

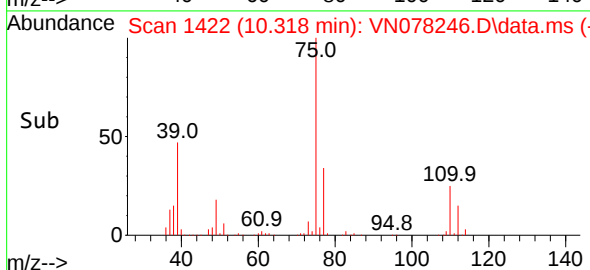
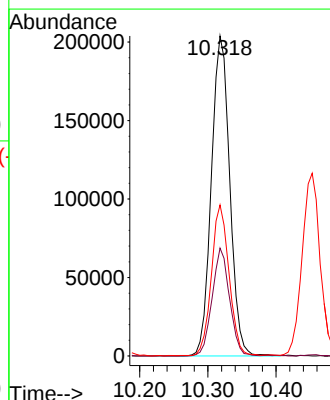
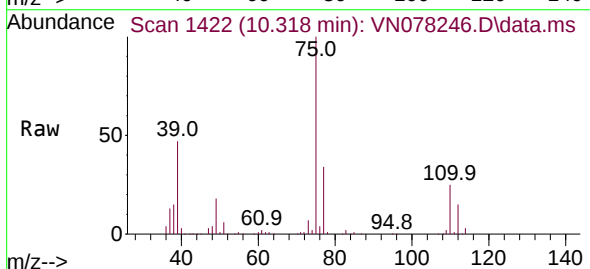
Manual Integrations
APPROVED

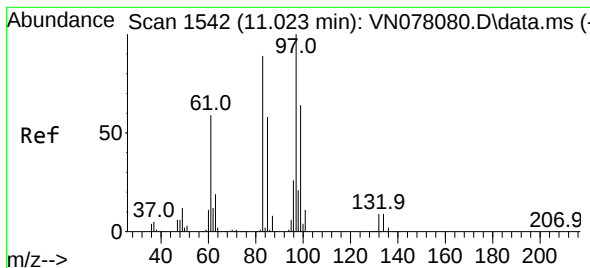
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
cis-1,3-Dichloropropene
Concen: 51.648 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

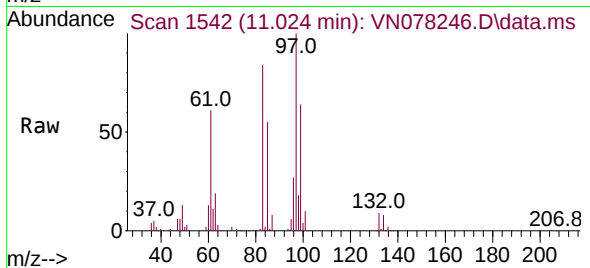
Tgt Ion: 75 Resp: 383031
Ion Ratio Lower Upper
75 100
77 33.7 26.1 39.1
39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.411 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

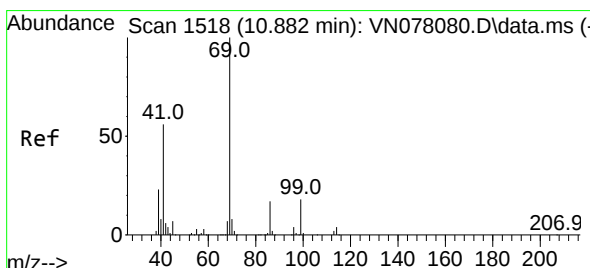
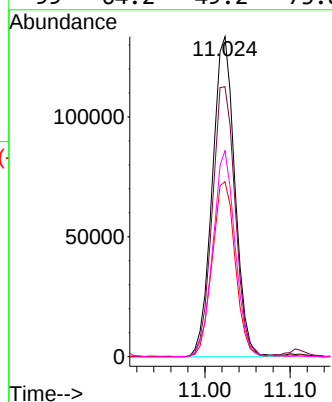
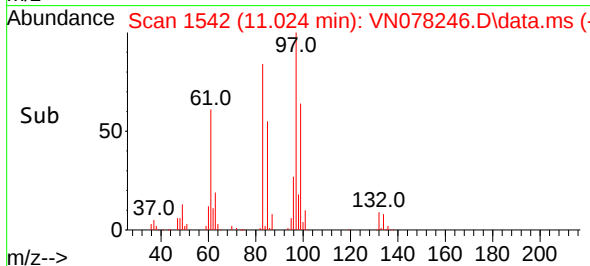


Tgt Ion: 97 Resp: 245933

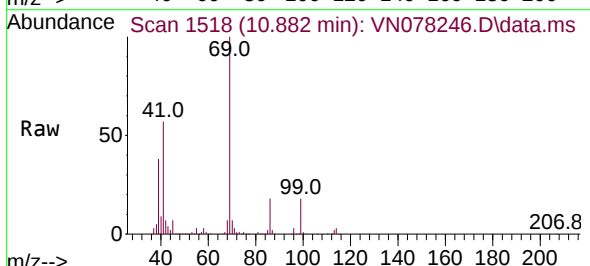
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.1	97.7
85	54.7	43.4	65.2
99	64.2	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

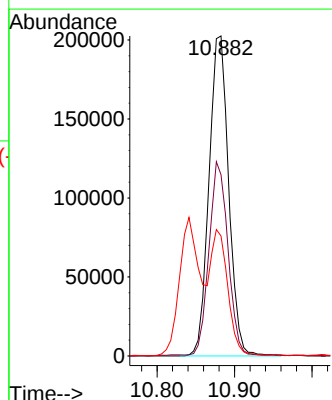
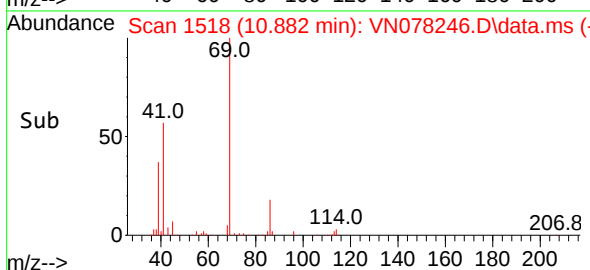


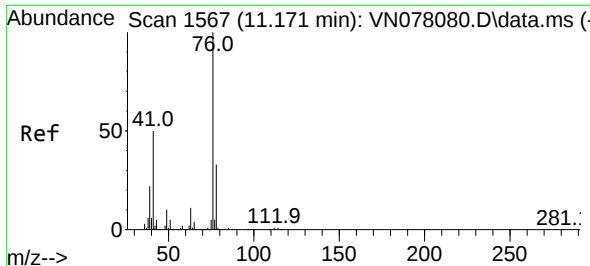
#56
Ethyl methacrylate
Concen: 54.281 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion: 69 Resp: 357242

Ion	Ratio	Lower	Upper
69	100		
41	59.3	39.6	59.4
39	32.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.801 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 418099

Ion Ratio Lower Upper

76 100

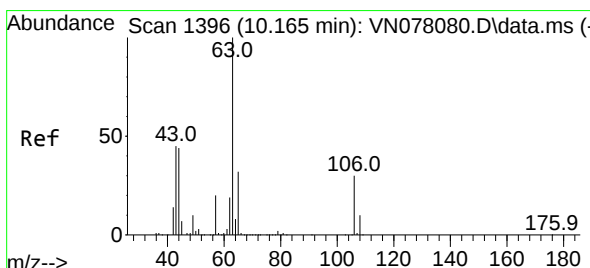
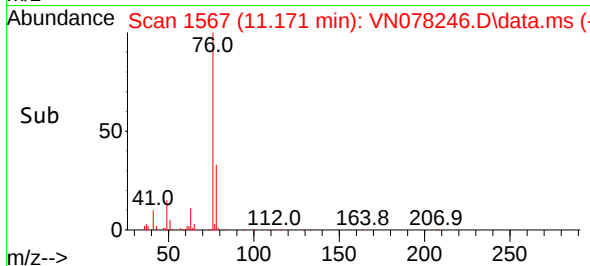
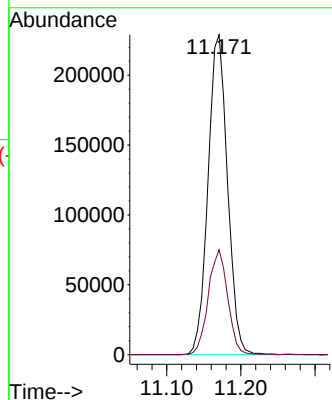
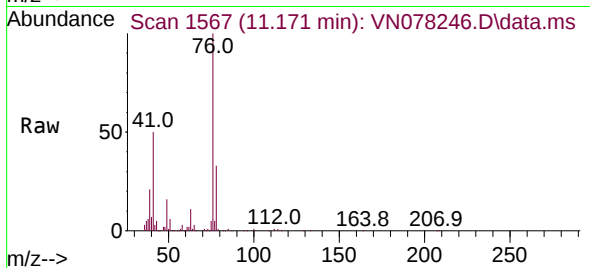
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.185 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078246.D

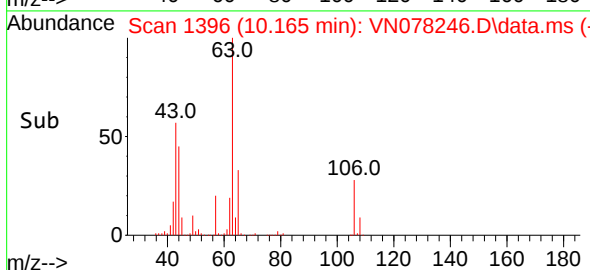
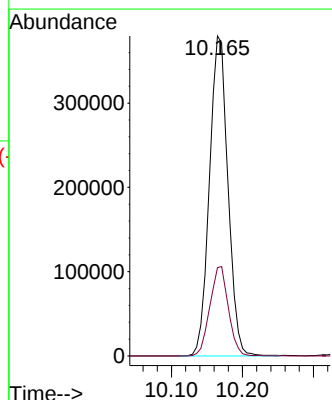
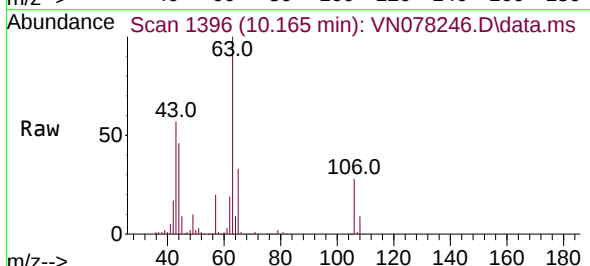
Acq: 15 Jun 2023 22:22

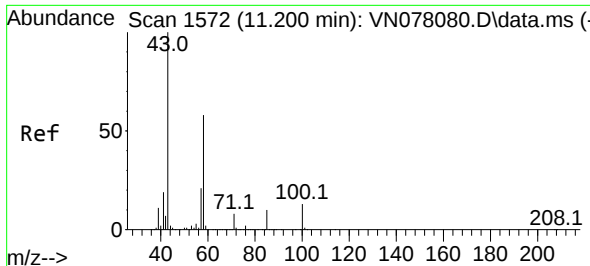
Tgt Ion: 63 Resp: 686420

Ion Ratio Lower Upper

63 100

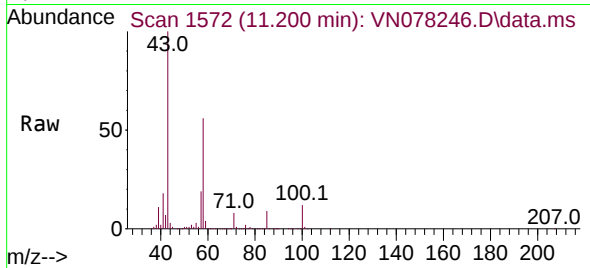
106 28.0 26.2 39.4





#59
2-Hexanone
Concen: 278.413 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

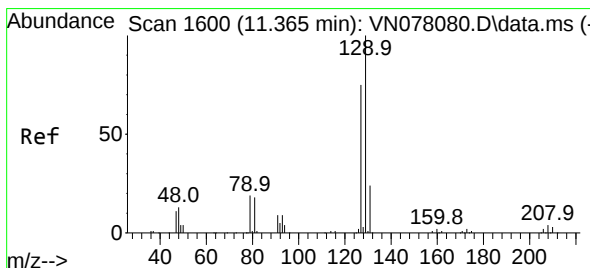
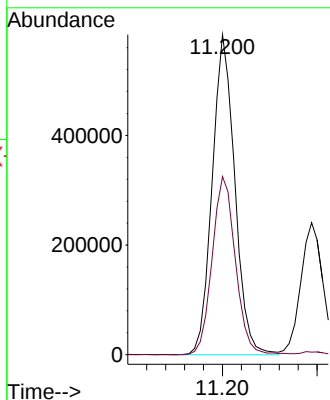
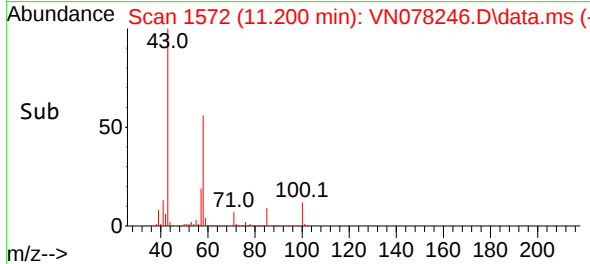
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 966754
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1

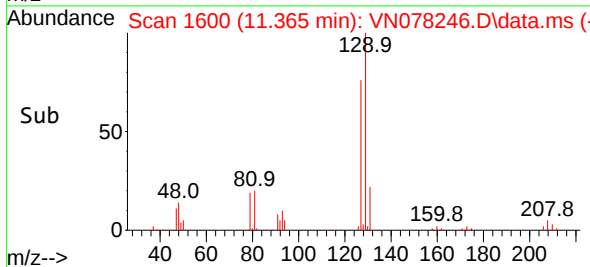
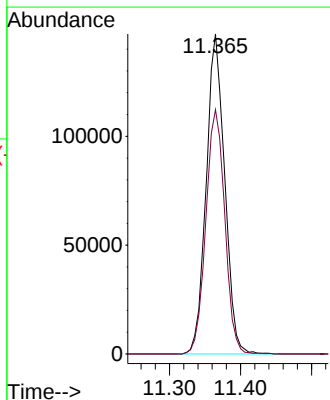
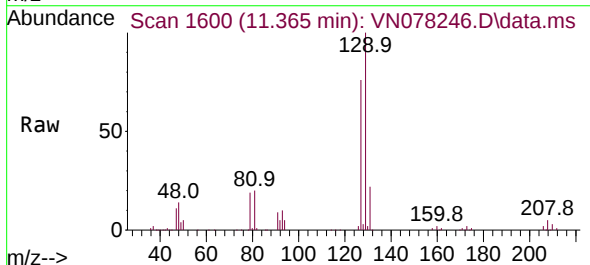
Manual Integrations
APPROVED

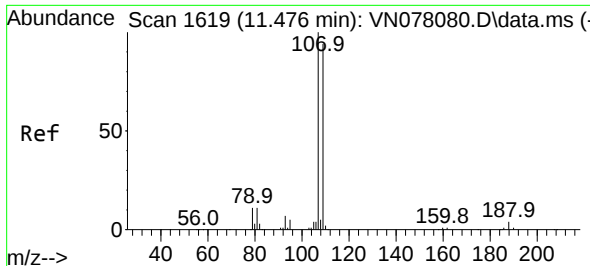
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
Dibromochloromethane
Concen: 53.725 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

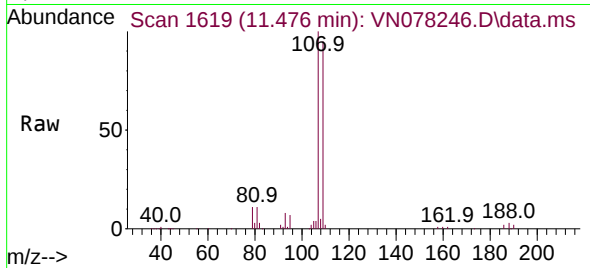
Tgt Ion:129 Resp: 265720
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.256 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

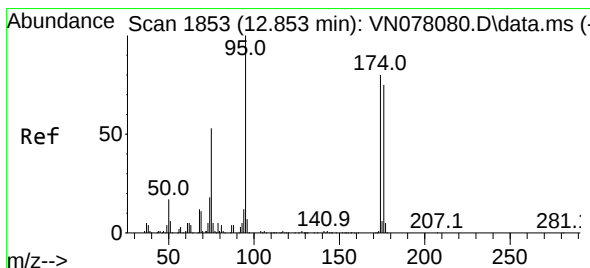
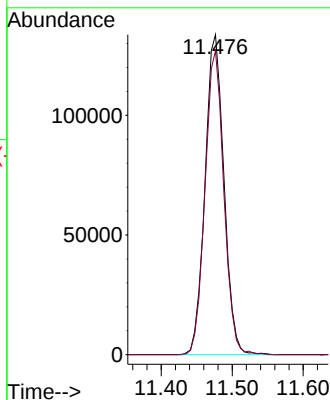
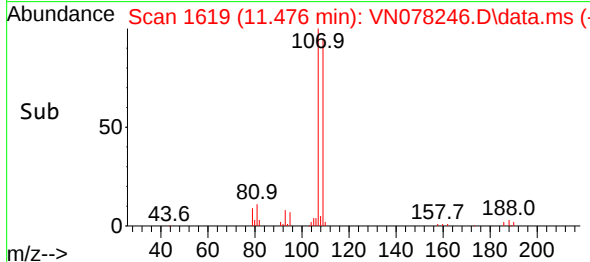
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



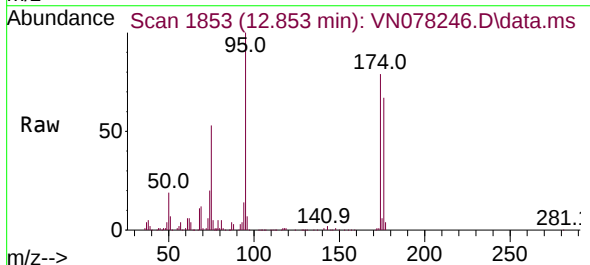
Tgt Ion:107 Resp: 24786
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

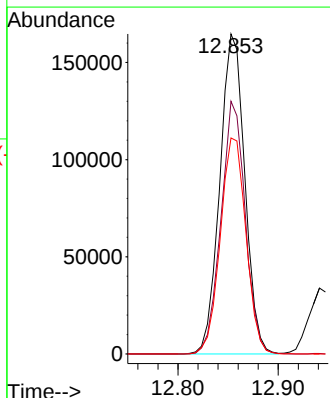
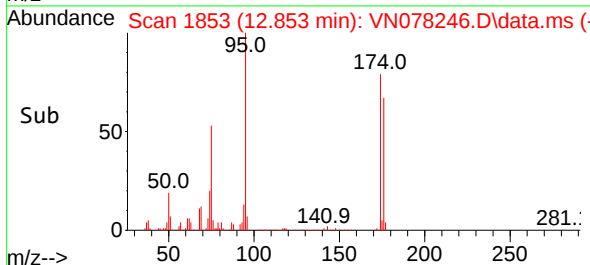
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

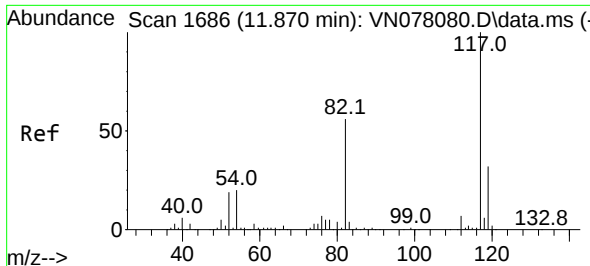


#62
4-Bromofluorobenzene
Concen: 53.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion: 95 Resp: 284539
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 69.4 0.0 135.8





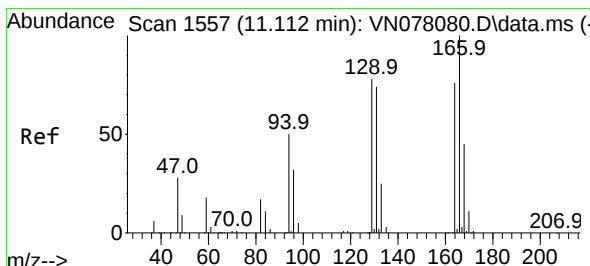
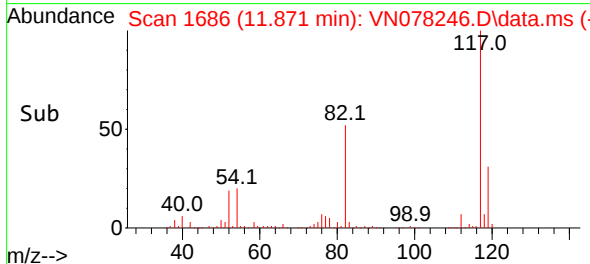
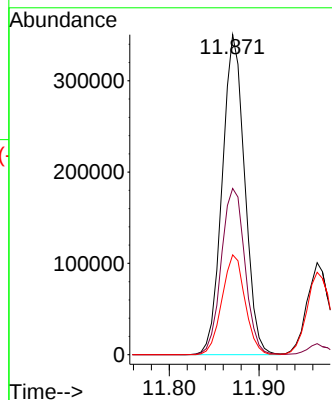
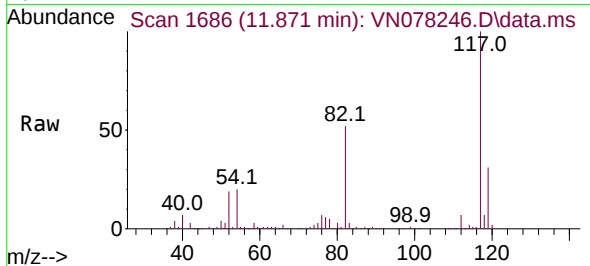
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 60834
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 31.2 25.6 38.4

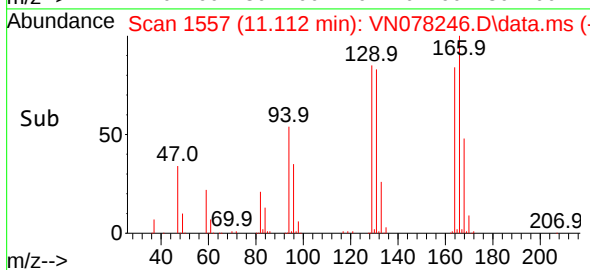
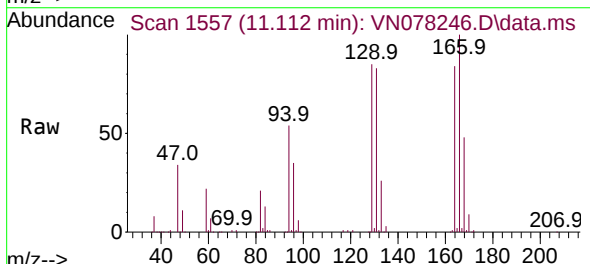
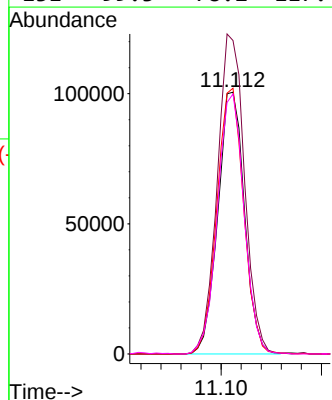
Manual Integrations
APPROVED

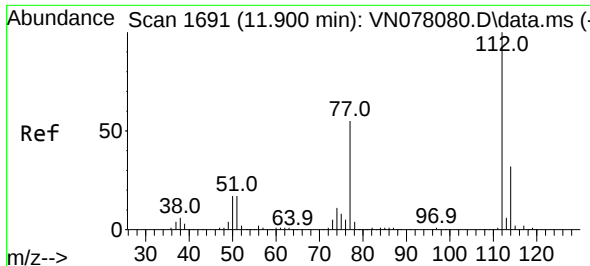
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#64
Tetrachloroethene
Concen: 45.465 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

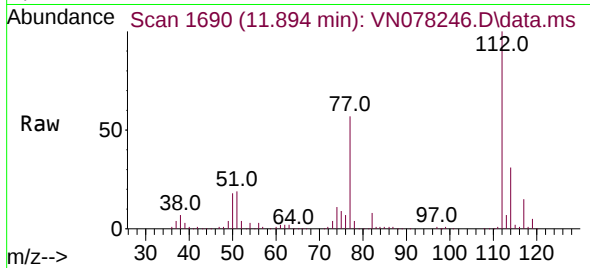
Tgt Ion:164 Resp: 184516
Ion Ratio Lower Upper
164 100
166 119.8 101.4 152.0
129 101.6 82.4 123.6
131 99.3 78.2 117.4





#65
Chlorobenzene
Concen: 48.825 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

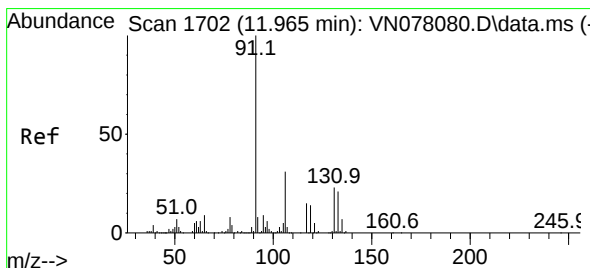
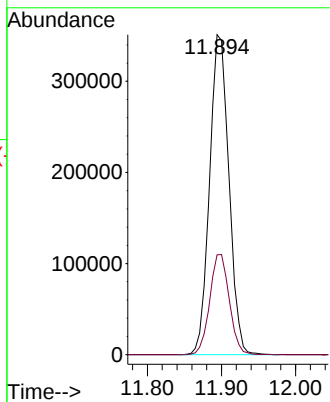
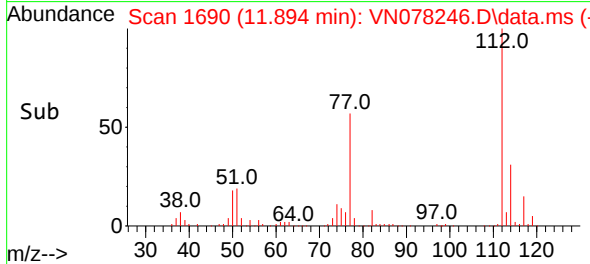
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



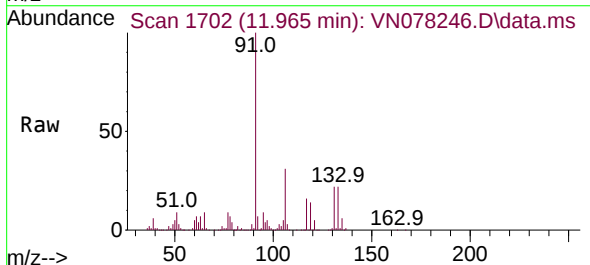
Tgt Ion:112 Resp: 63609
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

Manual Integrations
APPROVED

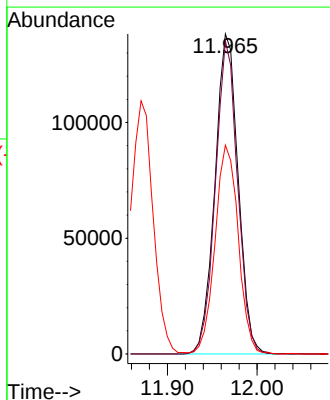
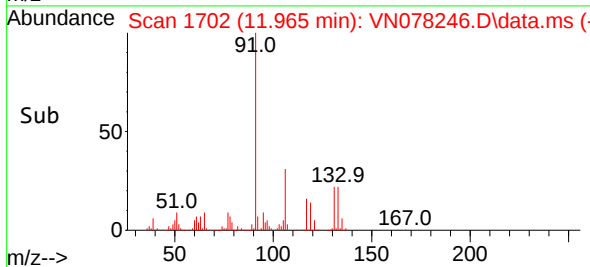
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

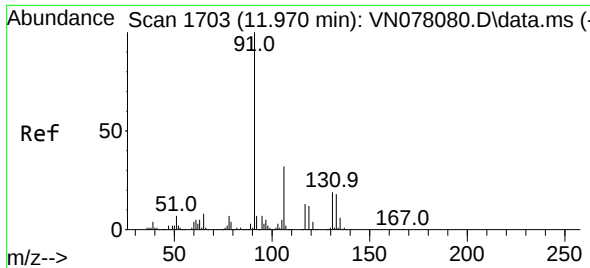


#66
1,1,1,2-Tetrachloroethane
Concen: 51.753 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



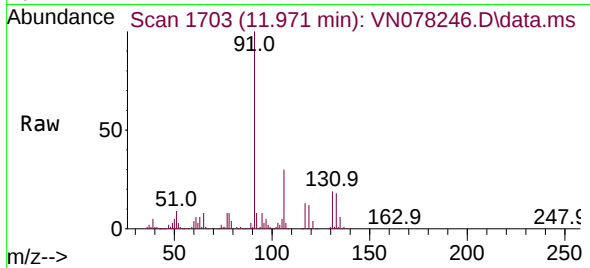
Tgt Ion:131 Resp: 247982
Ion Ratio Lower Upper
131 100
133 93.8 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 50.270 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

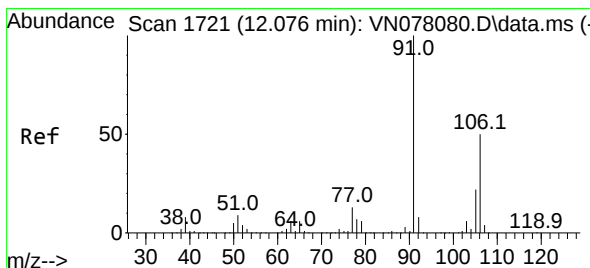
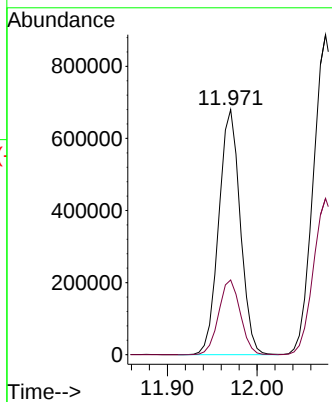
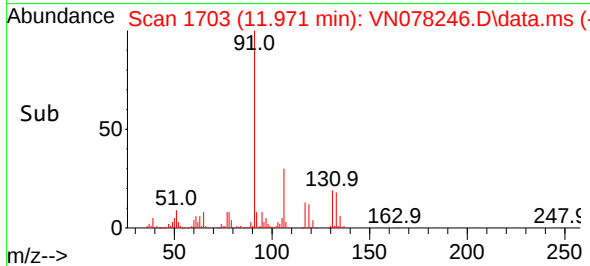
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



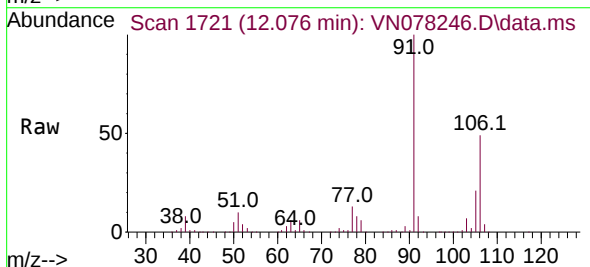
Tgt Ion: 91 Resp: 1130049
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

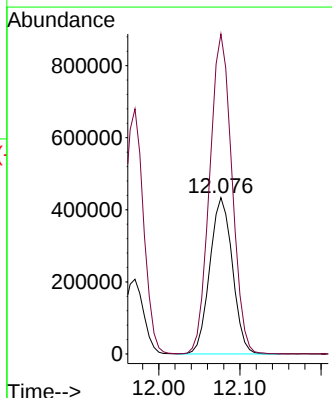
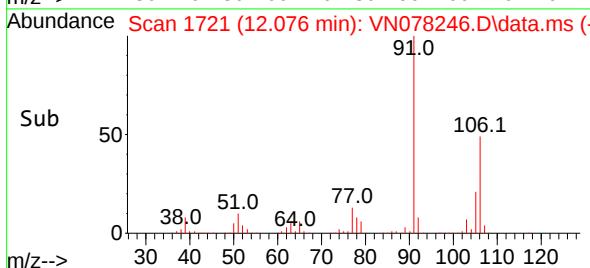
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

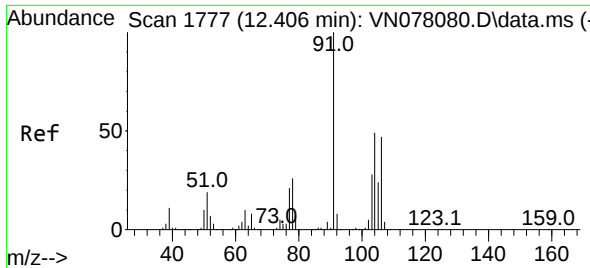


#68
m/p-Xylenes
Concen: 97.917 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



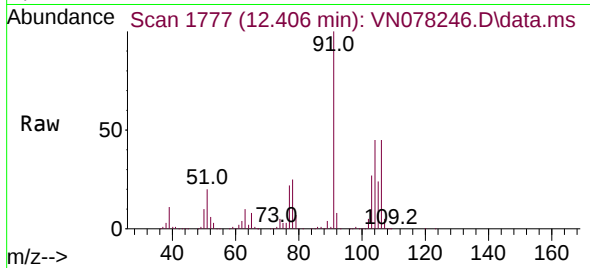
Tgt Ion:106 Resp: 838857
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69
o-Xylene
Concen: 48.999 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

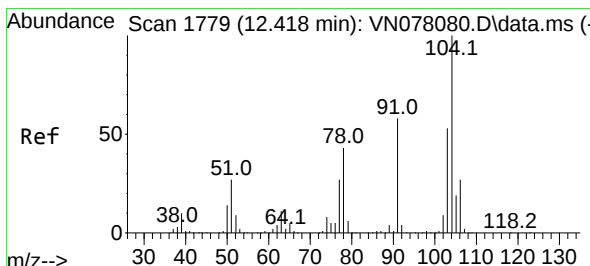
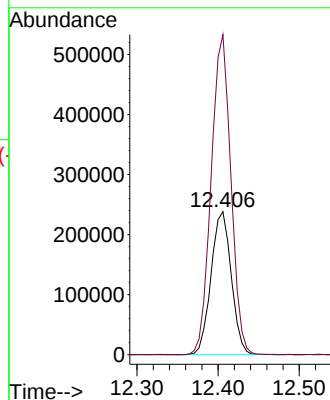
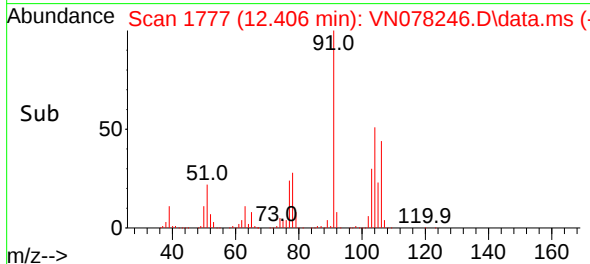
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 41222
Ion Ratio Lower Upper
106 100
91 218.5 105.2 315.5

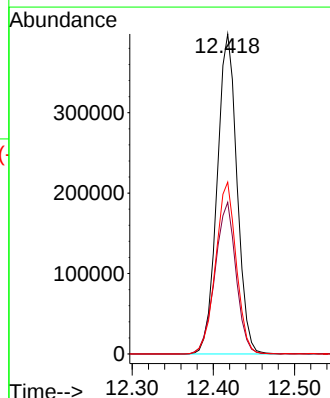
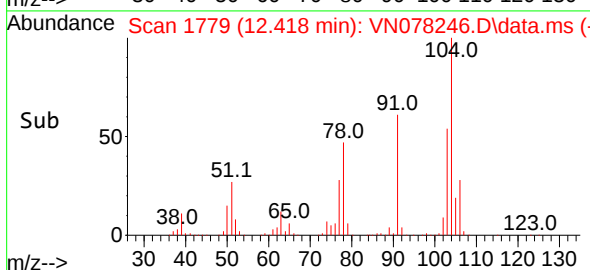
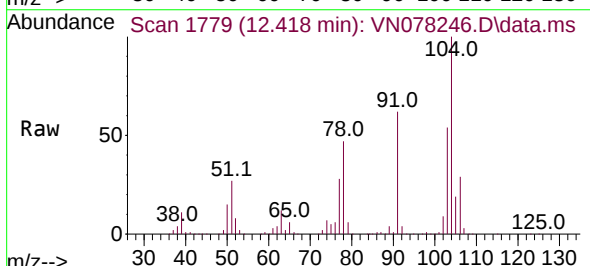
Manual Integrations
APPROVED

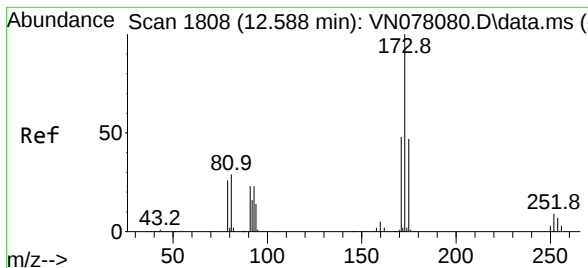
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#70
Styrene
Concen: 51.145 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

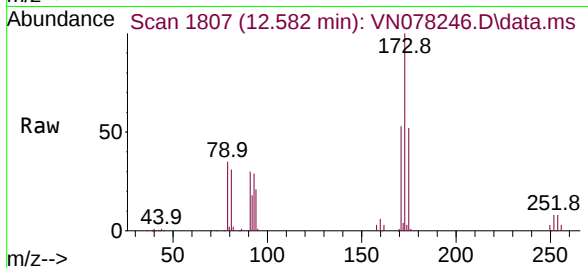
Tgt Ion:104 Resp: 677396
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 53.312 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

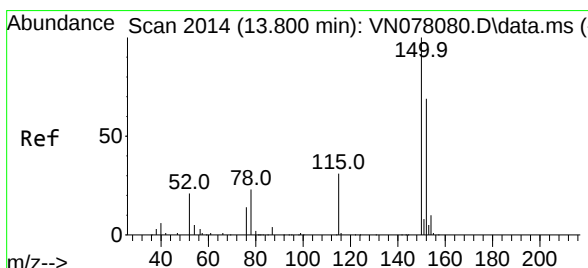
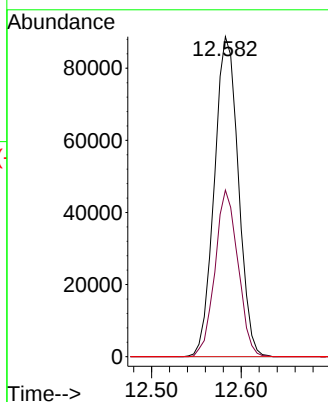
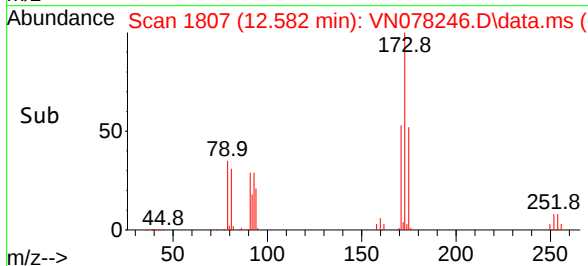
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



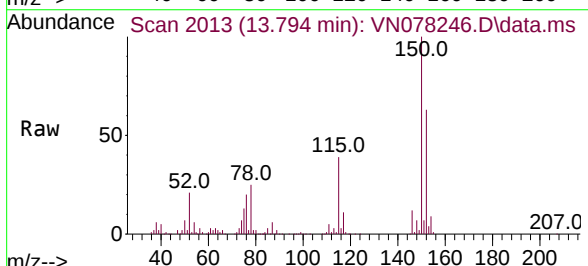
Tgt Ion:173 Resp: 16485
Ion Ratio Lower Upper
173 100
175 49.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

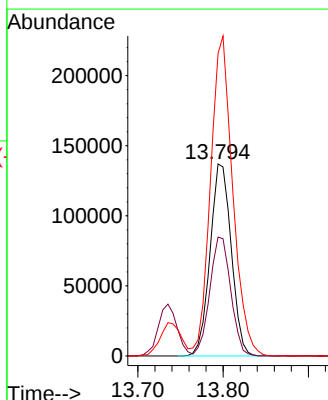
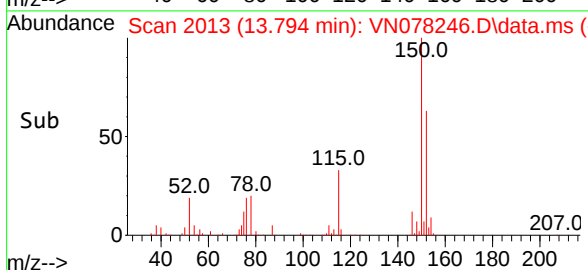
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

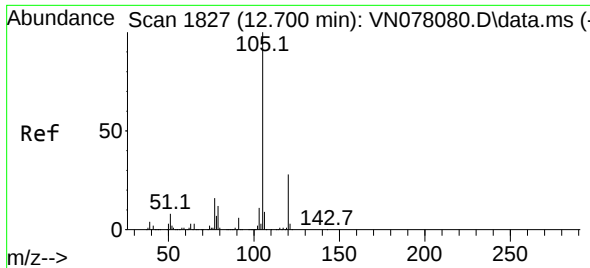


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



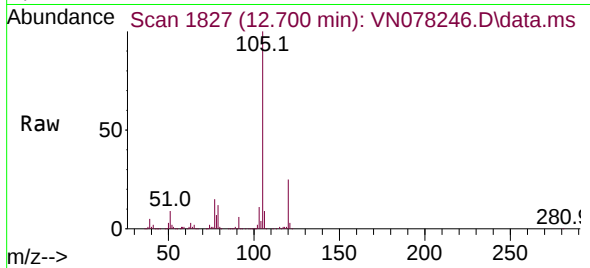
Tgt Ion:152 Resp: 236484
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 174.7 0.0 355.8





#73
Isopropylbenzene
Concen: 45.298 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

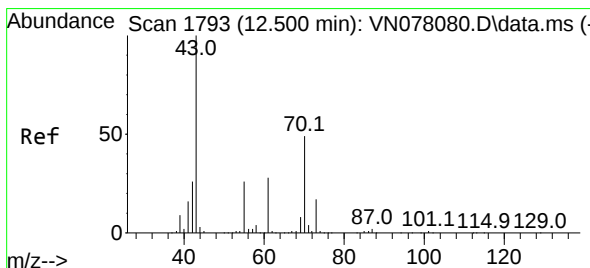
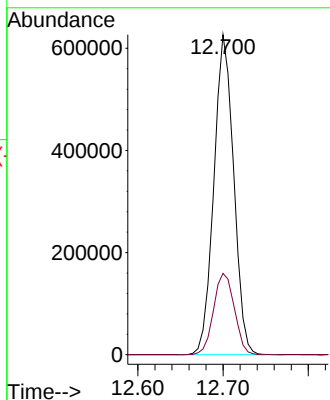
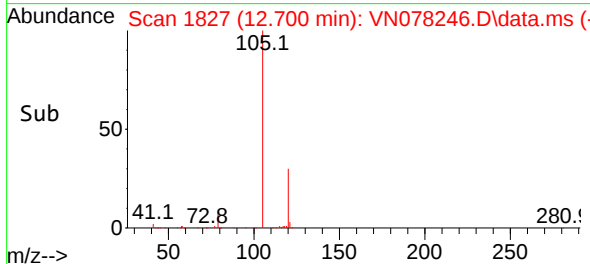
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1012979
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

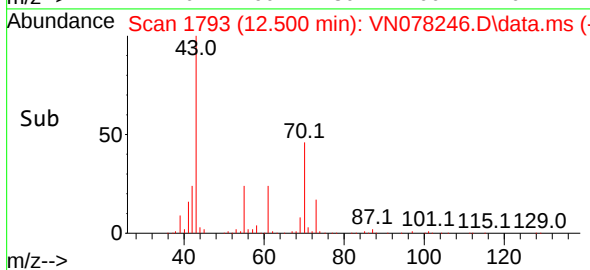
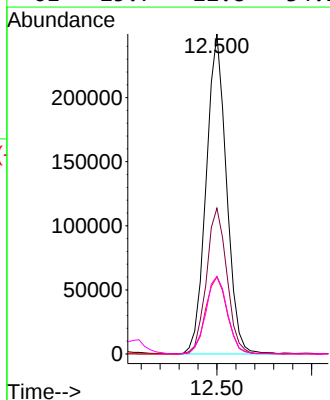
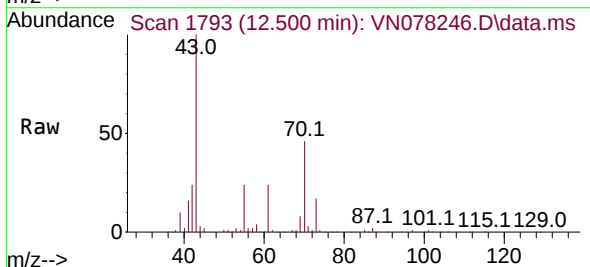
Manual Integrations
APPROVED

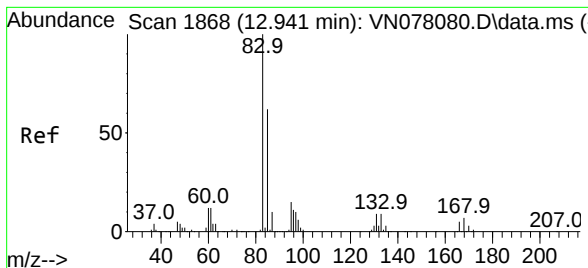
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#74
N-ethyl acetate
Concen: 50.467 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

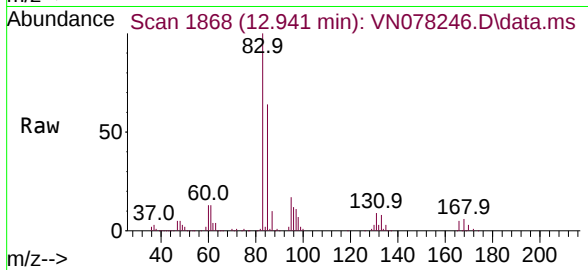
Tgt Ion: 43 Resp: 371646
Ion Ratio Lower Upper
43 100
70 45.8 43.4 65.2
55 25.8 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.886 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

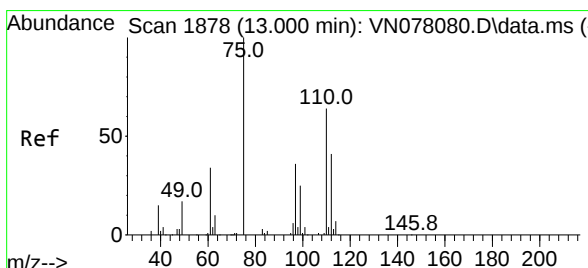
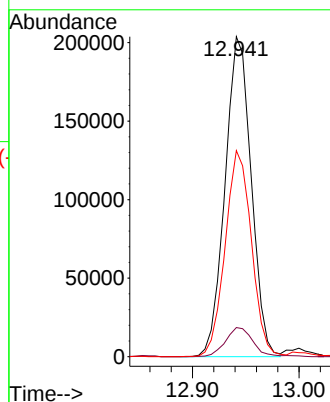
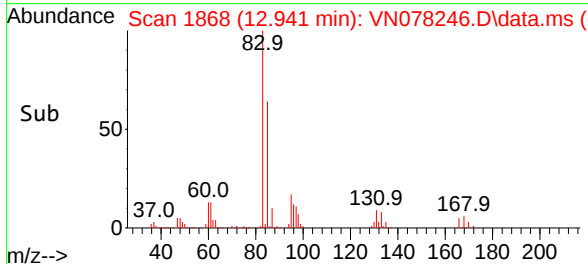
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



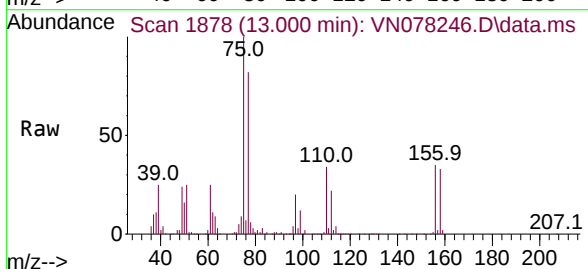
Tgt Ion: 83 Resp: 347815
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
APPROVED

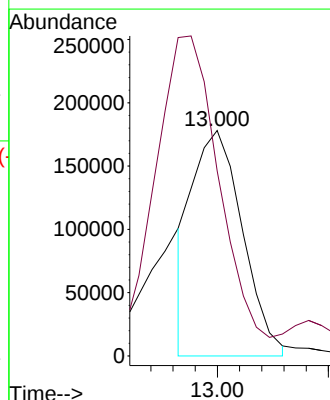
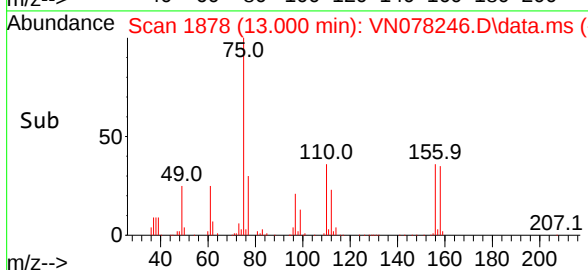
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

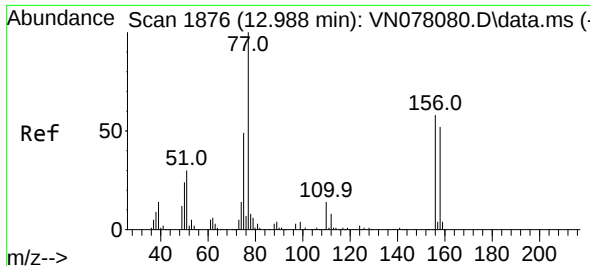


#76
1,2,3-Trichloropropane
Concen: 50.243 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



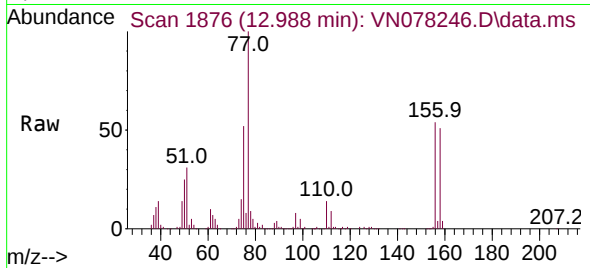
Tgt Ion: 75 Resp: 280885
Ion Ratio Lower Upper
75 100
77 184.1 84.5 253.5





#77
Bromobenzene
Concen: 46.083 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

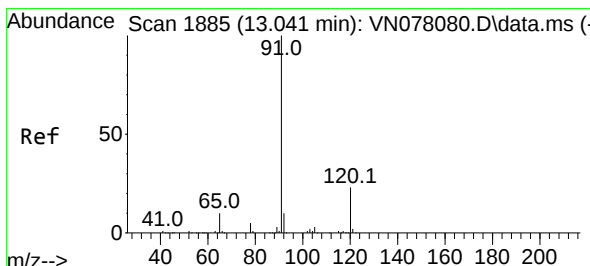
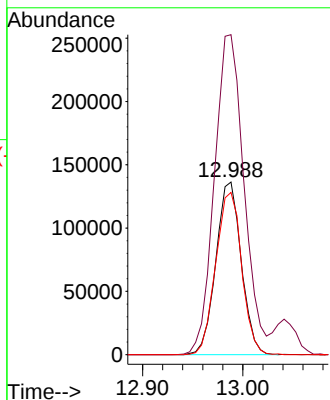
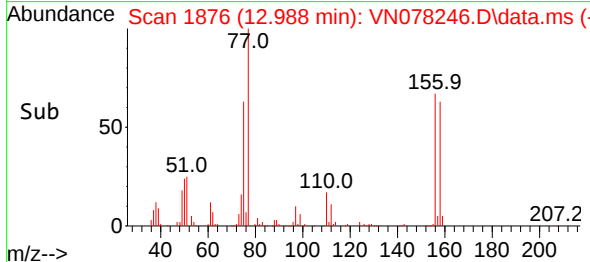
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



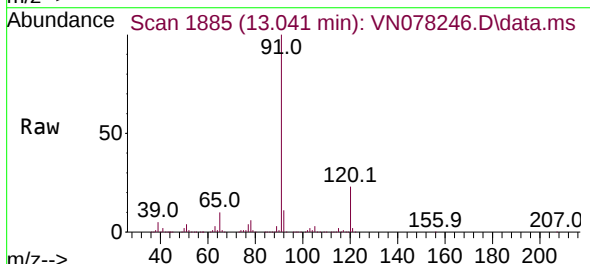
Tgt Ion:156 Resp: 239229
Ion Ratio Lower Upper
156 100
77 216.2 107.7 323.3
158 96.4 48.4 145.3

Manual Integrations
APPROVED

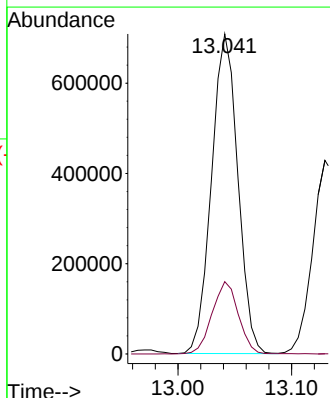
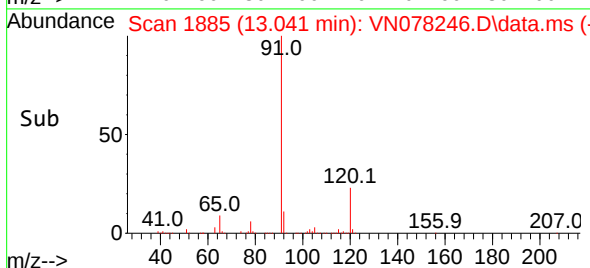
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

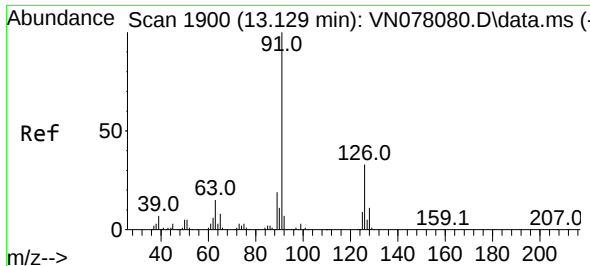


#78
n-propylbenzene
Concen: 46.890 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion: 91 Resp: 1139262
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





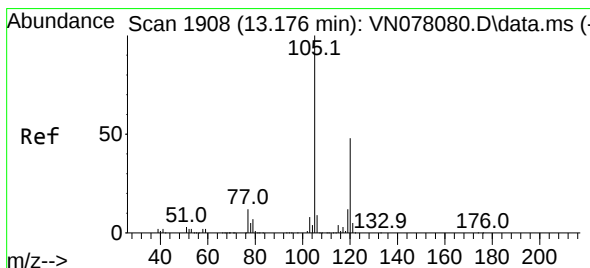
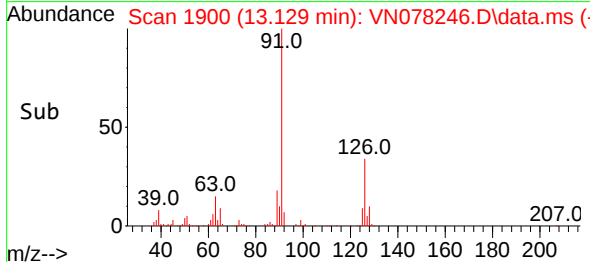
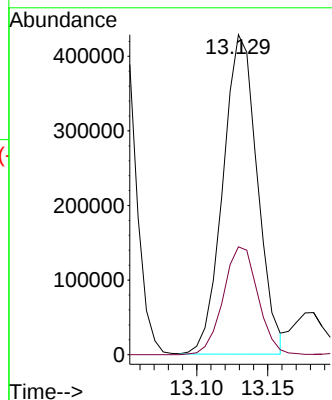
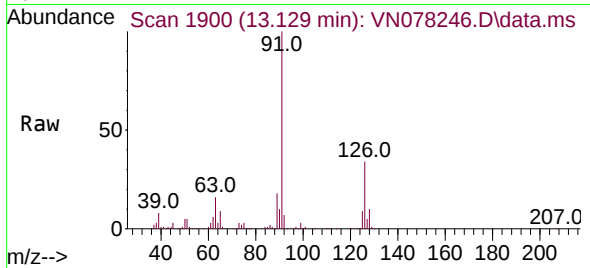
#79
2-Chlorotoluene
Concen: 45.990 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 72128
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

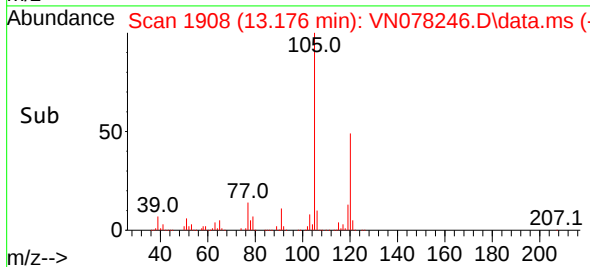
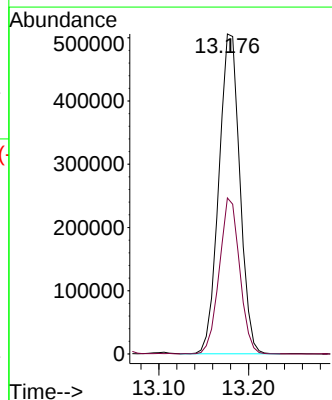
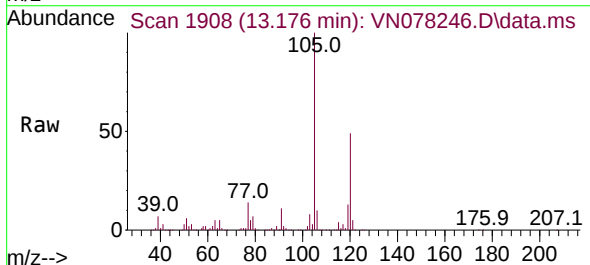
Manual Integrations
APPROVED

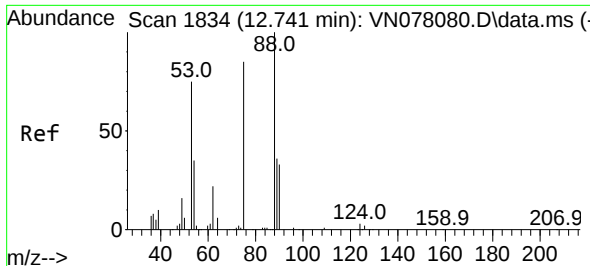
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.397 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

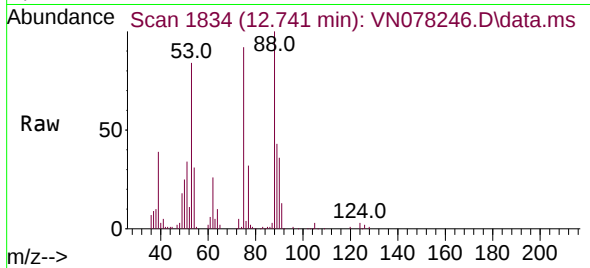
Tgt Ion:105 Resp: 821927
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.331 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

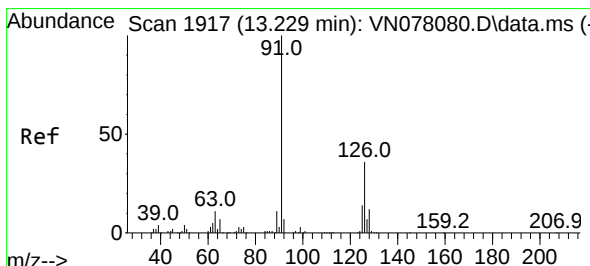
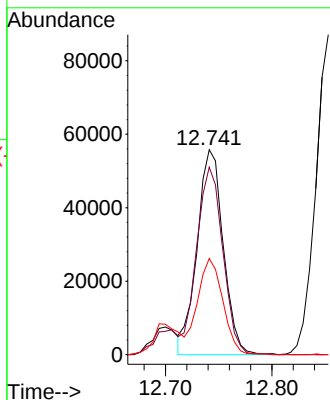
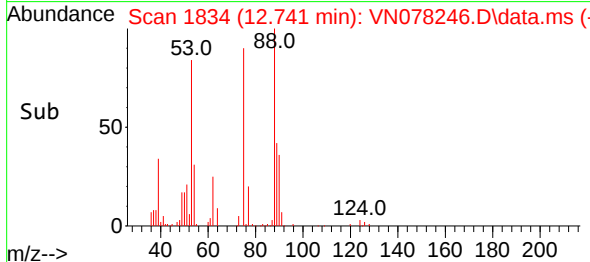
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



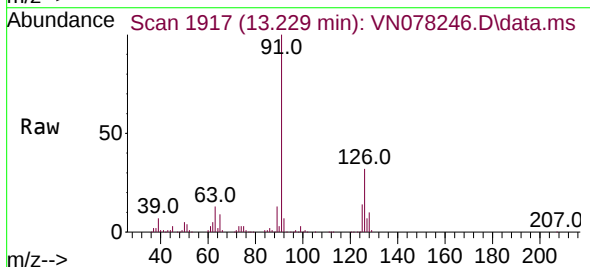
Tgt Ion: 75 Resp: 95224
Ion Ratio Lower Upper
75 100
53 92.2 67.4 101.2
89 45.3 38.8 58.2

Manual Integrations
APPROVED

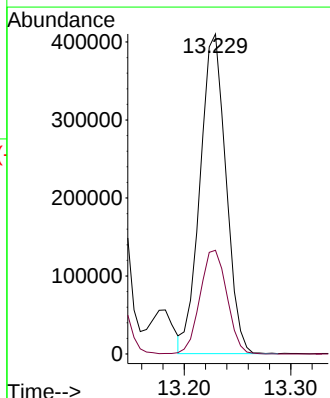
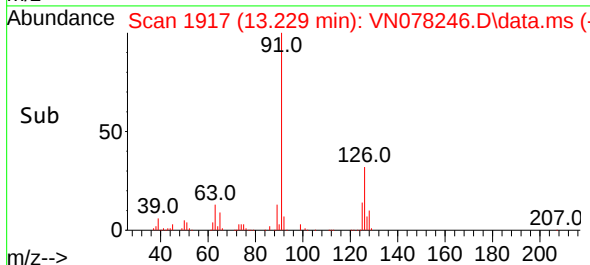
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

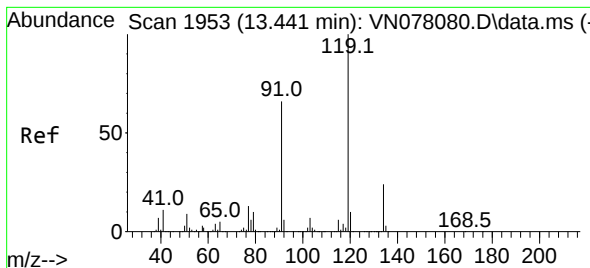


#82
4-Chlorotoluene
Concen: 47.184 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



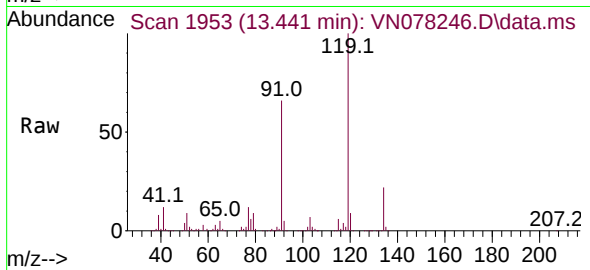
Tgt Ion: 91 Resp: 690639
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.982 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

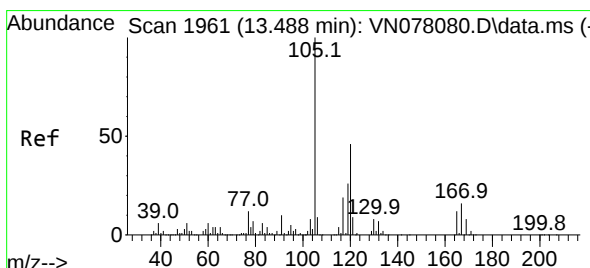
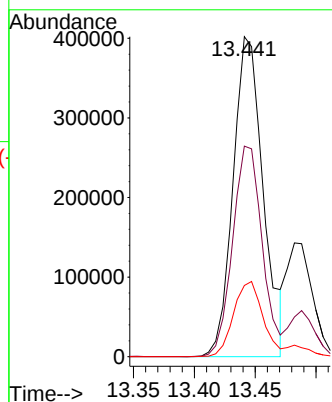
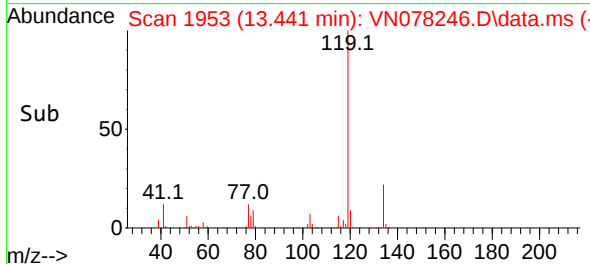
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 692202
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 23.5 13.2 39.6

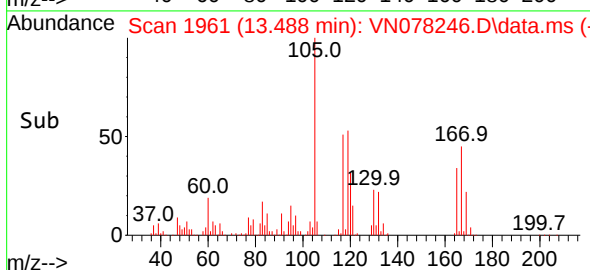
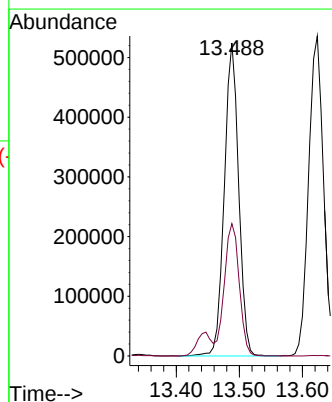
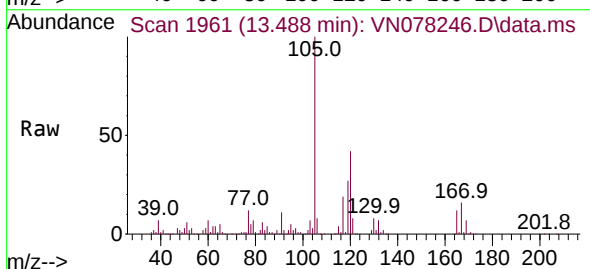
Manual Integrations
APPROVED

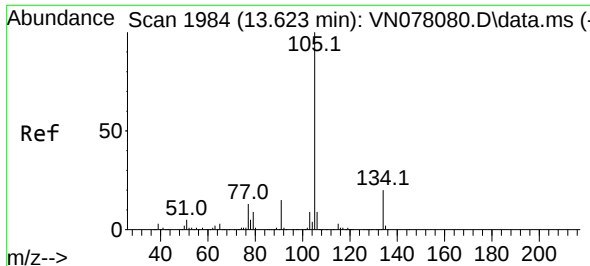
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 47.267 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:105 Resp: 829690
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





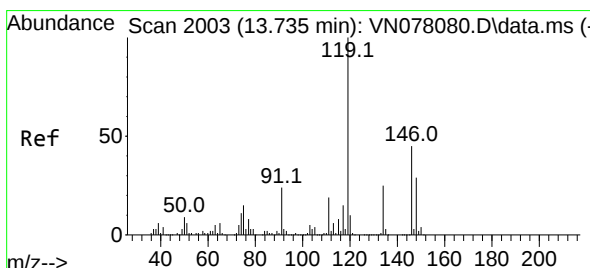
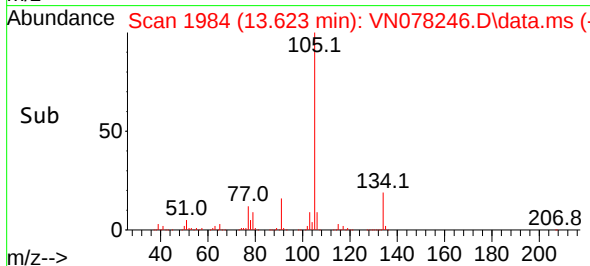
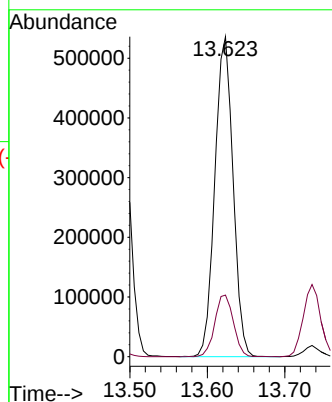
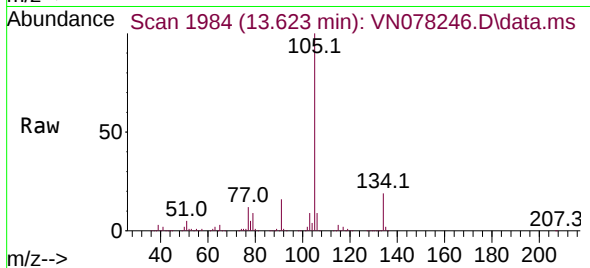
#85
 sec-Butylbenzene
 Concen: 42.444 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 874311
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

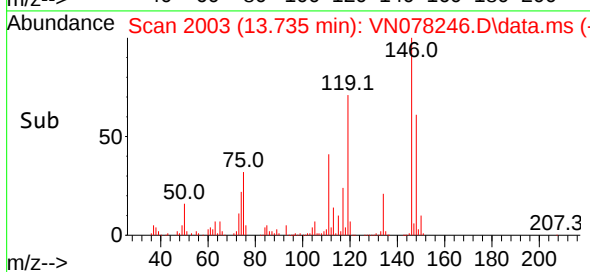
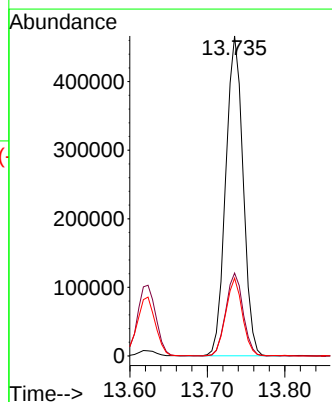
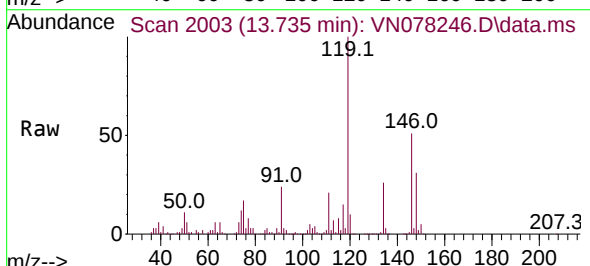
Manual Integrations
 APPROVED

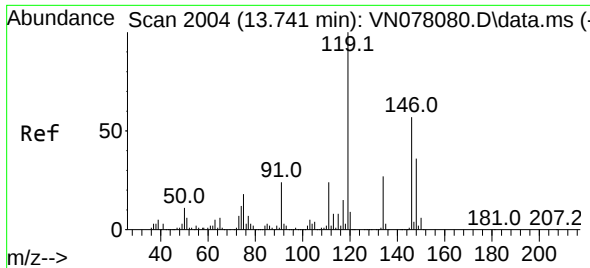
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#86
 p-Isopropyltoluene
 Concen: 43.444 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078246.D
 Acq: 15 Jun 2023 22:22

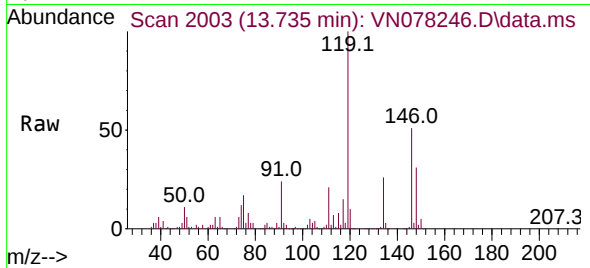
Tgt Ion:119 Resp: 726221
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.093 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

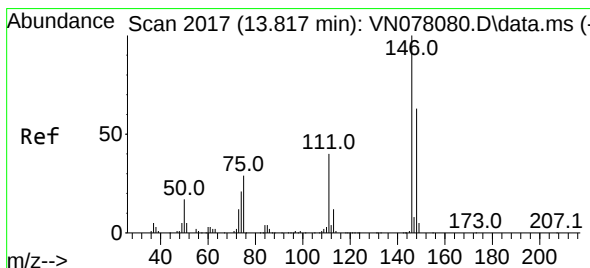
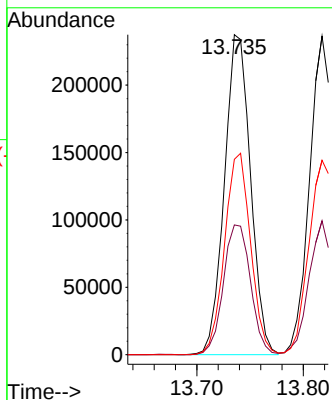
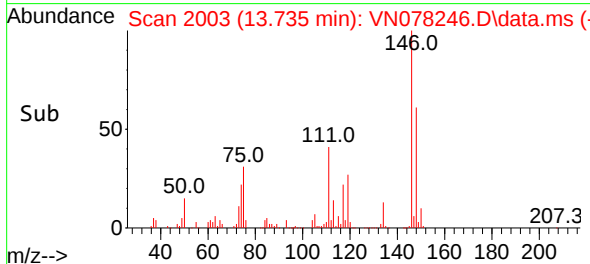
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 404744
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 62.8 32.0 96.0

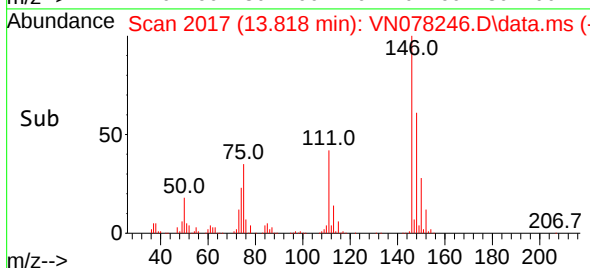
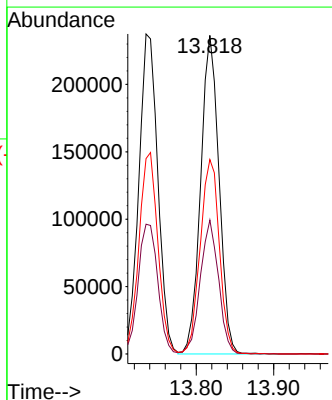
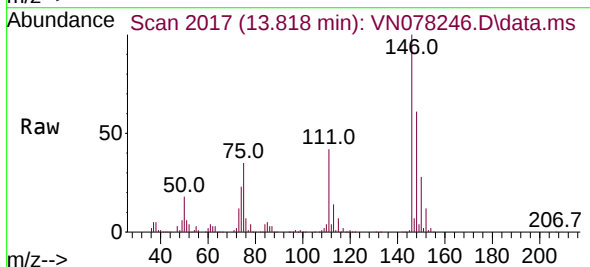
Manual Integrations
APPROVED

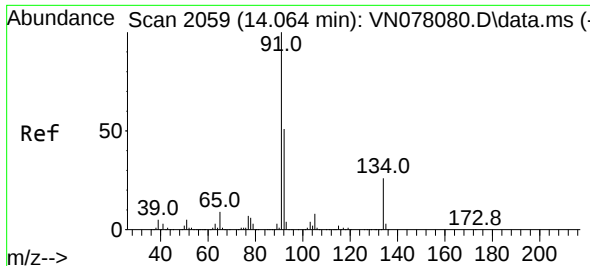
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#88
1,4-Dichlorobenzene
Concen: 45.848 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:146 Resp: 388476
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 63.8 31.6 94.8





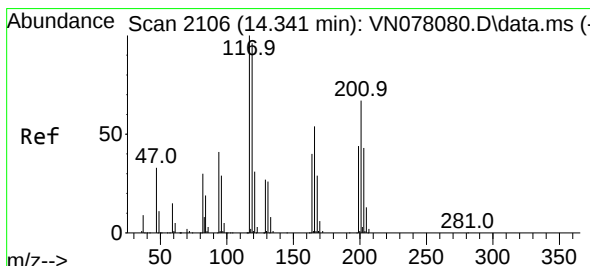
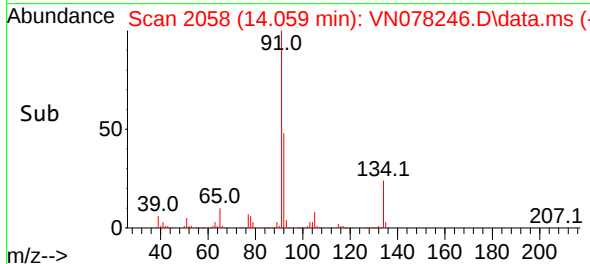
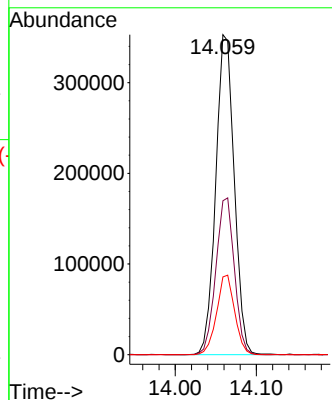
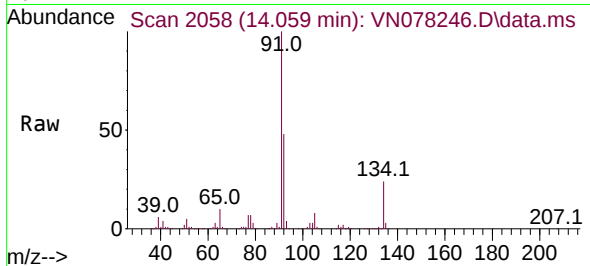
#89
n-Butylbenzene
Concen: 42.396 ug/l
RT: 14.059 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 558989
Ion Ratio Lower Upper
91 100
92 49.1 26.4 79.0
134 24.4 12.6 37.6

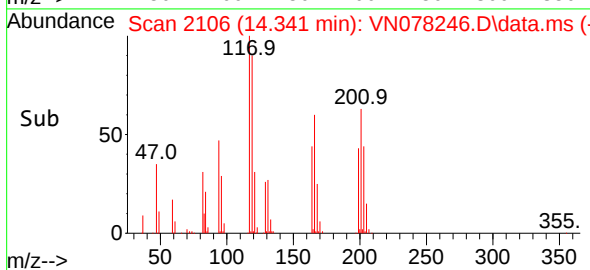
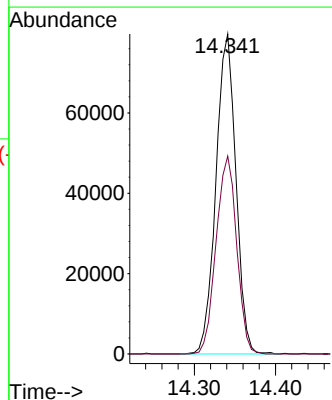
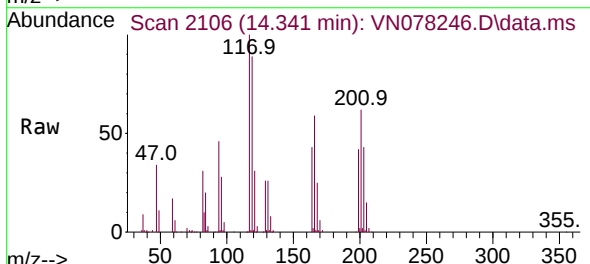
Manual Integrations
APPROVED

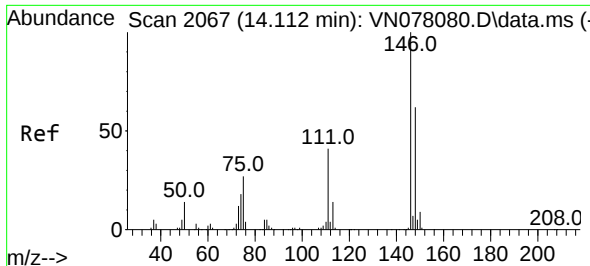
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#90
Hexachloroethane
Concen: 45.915 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

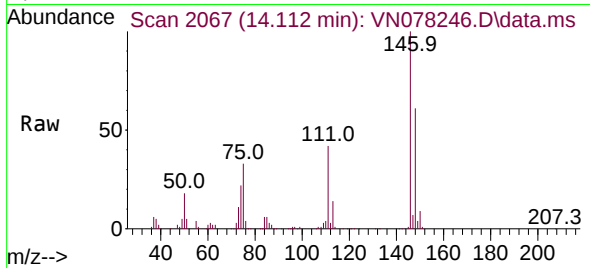
Tgt Ion:117 Resp: 136208
Ion Ratio Lower Upper
117 100
201 63.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.991 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

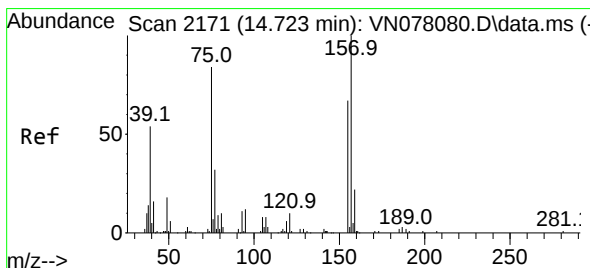
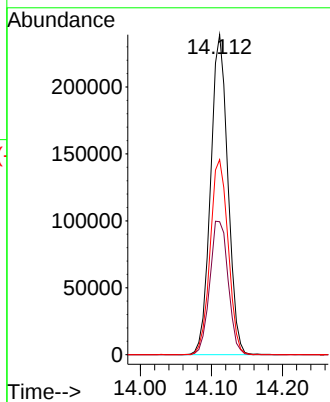
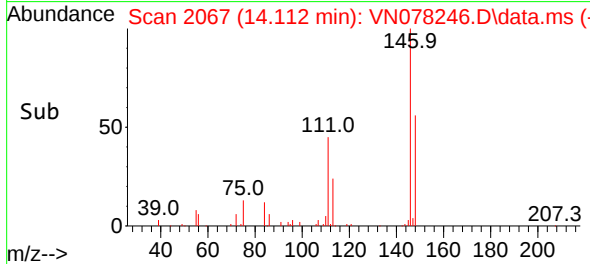
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



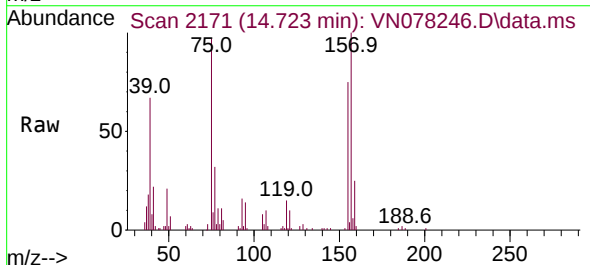
Tgt Ion:146 Resp: 403274
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

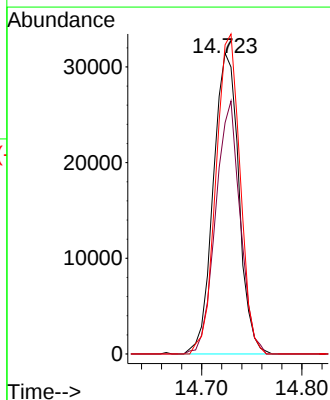
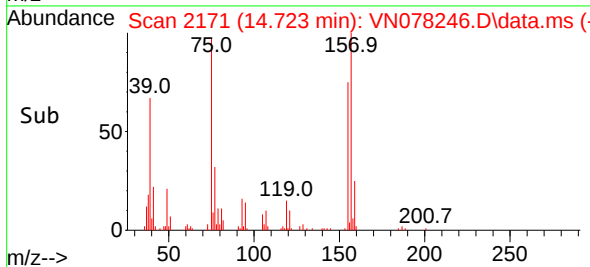
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

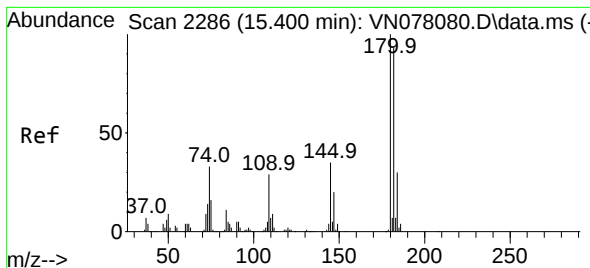


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.225 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22



Tgt Ion: 75 Resp: 55633
Ion Ratio Lower Upper
75 100
155 80.7 39.1 117.2
157 100.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.848 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 14018

Ion Ratio Lower Upper

180 100

182 93.1 46.1 138.2

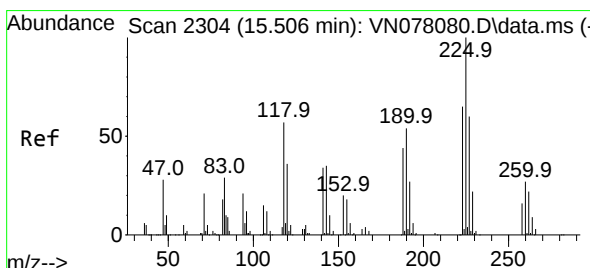
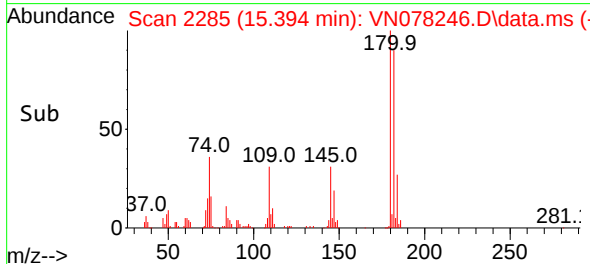
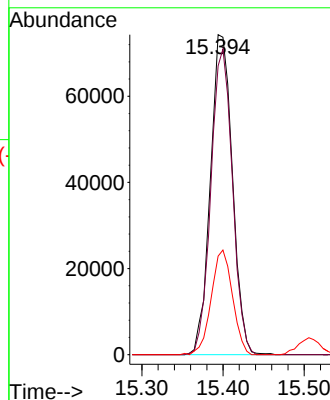
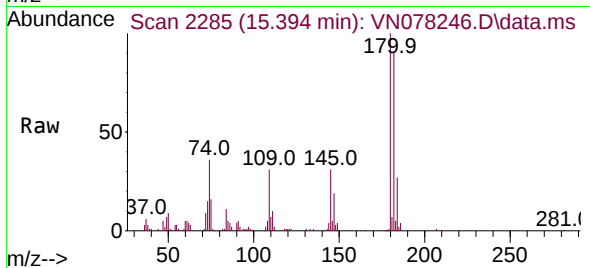
145 31.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#94

Hexachlorobutadiene

Concen: 44.075 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078246.D

Acq: 15 Jun 2023 22:22

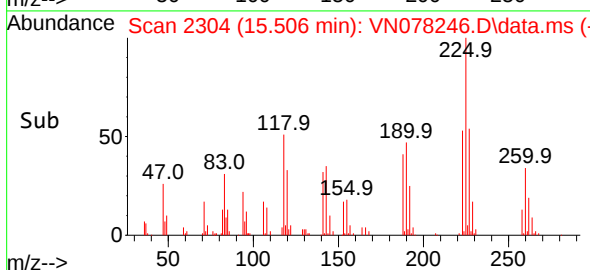
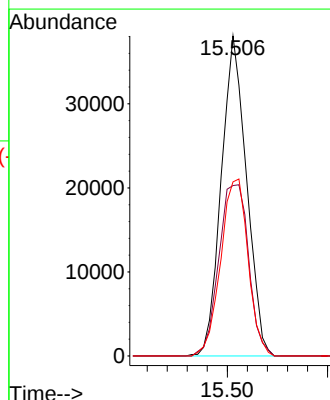
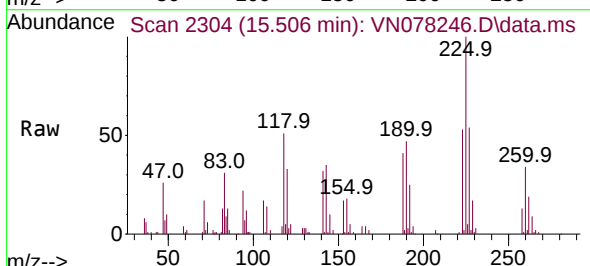
Tgt Ion:225 Resp: 66535

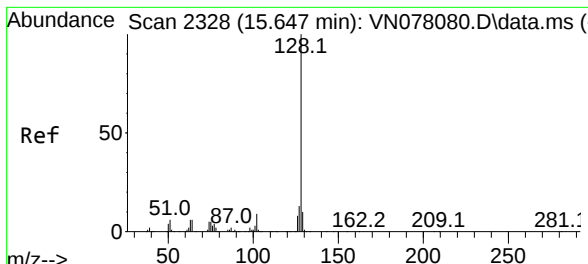
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

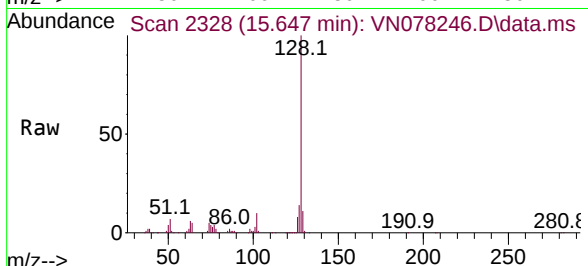
227 60.0 31.9 95.9





#95
Naphthalene
Concen: 44.211 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

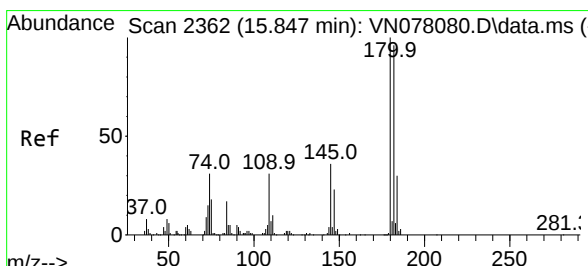
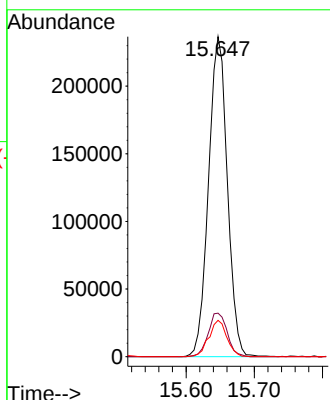
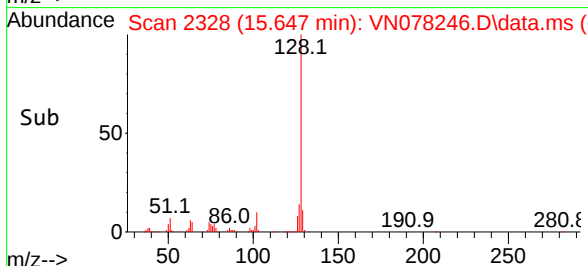
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 454720
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.056 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078246.D
Acq: 15 Jun 2023 22:22

Tgt Ion:180 Resp: 150662
Ion Ratio Lower Upper
180 100
182 97.0 46.2 138.6
145 34.7 17.5 52.6

