

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078351.D
 Acq On : 22 Jun 2023 15:40
 Operator : JC\MD
 Sample : VN0622WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2023
 Supervised By : Mahesh Dadoda 06/23/2023

Quant Time: Jun 23 08:02:29 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	8.235	168	425041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	770785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291986	51.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	8.171	113	249068	51.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	10.571	98	922867	49.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.240%			
62) 4-Bromofluorobenzene	12.853	95	283185	48.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	96720	20.131	ug/l	97
3) Chloromethane	2.371	50	99740	21.008	ug/l	94
4) Vinyl Chloride	2.524	62	142287	22.616	ug/l	98
5) Bromomethane	2.965	94	99712	20.971	ug/l	99
6) Chloroethane	3.130	64	92382	21.540	ug/l	100
7) Trichlorofluoromethane	3.506	101	162541	19.051	ug/l	99
8) Diethyl Ether	3.971	74	54585	18.209	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.389	101	86898	19.300	ug/l	97
10) Methyl Iodide	4.600	142	122030	19.164	ug/l	99
11) Tert butyl alcohol	5.542	59	68154	87.097	ug/l	99
12) 1,1-Dichloroethene	4.353	96	86238	18.580	ug/l	92
13) Acrolein	4.189	56	79297	91.946	ug/l	98
14) Allyl chloride	5.036	41	119488	21.089	ug/l	96
15) Acrylonitrile	5.730	53	186728	92.557	ug/l	96
16) Acetone	4.442	43	156591	95.997	ug/l	98
17) Carbon Disulfide	4.724	76	219185	18.347	ug/l	99
18) Methyl Acetate	5.042	43	143327	19.085	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	272856	18.425	ug/l	100
20) Methylene Chloride	5.289	84	101909	18.906	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	92696	18.517	ug/l	93
22) Diisopropyl ether	6.683	45	263874	19.799	ug/l	94
23) Vinyl Acetate	6.618	43	771375	97.367	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	175521	19.964	ug/l	98
25) 2-Butanone	7.494	43	238788	95.194	ug/l	88
26) 2,2-Dichloropropane	7.500	77	144212	22.215	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	110420	18.492	ug/l	92
28) Bromochloromethane	7.824	49	85529	21.188	ug/l	91
29) Tetrahydrofuran	7.847	42	152793	91.116	ug/l	86
30) Chloroform	7.977	83	187933	19.851	ug/l	90
31) Cyclohexane	8.265	56	135465	18.634	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	160336	19.291	ug/l	96
36) 1,1-Dichloropropene	8.383	75	135427	19.373	ug/l	98
37) Ethyl Acetate	7.571	43	109414	20.035	ug/l #	95
38) Carbon Tetrachloride	8.371	117	142507	19.306	ug/l	93
39) Methylcyclohexane	9.606	83	125039	17.260	ug/l	89
40) Benzene	8.612	78	411402	19.713	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	50845	17.177	ug/l	94
42) 1,2-Dichloroethane	8.677	62	140350	19.614	ug/l	97
43) Isopropyl Acetate	8.694	43	189449	18.140	ug/l #	91
44) Trichloroethene	9.359	130	101442	18.406	ug/l	96
45) 1,2-Dichloropropane	9.629	63	101764	19.599	ug/l	96
46) Dibromomethane	9.718	93	72863	19.051	ug/l	95
47) Bromodichloromethane	9.894	83	135902	19.130	ug/l	97
48) Methyl methacrylate	9.688	41	82591	18.844	ug/l	88
49) 1,4-Dioxane	9.700	88	32520	353.024	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	514976	93.637	ug/l	93
52) Toluene	10.635	92	253232	19.218	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	146193	19.759	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	162627	19.884	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	97282	19.517	ug/l	93
56) Ethyl methacrylate	10.882	69	135814	18.713	ug/l	91
57) 1,3-Dichloropropane	11.171	76	167636	19.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	217142	74.060	ug/l	92
59) 2-Hexanone	11.200	43	352174	91.966	ug/l	93
60) Dibromochloromethane	11.365	129	105029	19.256	ug/l	96
61) 1,2-Dibromoethane	11.476	107	98497	18.830	ug/l	100
64) Tetrachloroethene	11.112	164	81374	18.791	ug/l	97
65) Chlorobenzene	11.900	112	263189	18.933	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	102118	19.973	ug/l	96
67) Ethyl Benzene	11.970	91	447046	18.638	ug/l	99
68) m/p-Xylenes	12.076	106	343901	37.621	ug/l	99
69) o-Xylene	12.406	106	169606	18.894	ug/l	98
70) Styrene	12.418	104	265735	18.804	ug/l	99
71) Bromoform	12.582	173	61310	18.582	ug/l #	96
73) Isopropylbenzene	12.700	105	406692	17.763	ug/l	99
74) N-amyl acetate	12.500	43	129780	17.213	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	136960	20.295	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	105541m	18.439	ug/l	
77) Bromobenzene	12.988	156	96357	18.129	ug/l	99
78) n-propylbenzene	13.041	91	440349	17.702	ug/l	99
79) 2-Chlorotoluene	13.129	91	289705	18.042	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	331453	17.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	34454	18.493	ug/l	91
82) 4-Chlorotoluene	13.229	91	266050	17.753	ug/l	98
83) tert-Butylbenzene	13.447	119	271584	16.854	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	327315	18.213	ug/l	99
85) sec-Butylbenzene	13.623	105	351294	16.657	ug/l	99
86) p-Isopropyltoluene	13.735	119	290881	16.996	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	152326	16.943	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	150152	17.308	ug/l	98
89) n-Butylbenzene	14.059	91	215586	15.970	ug/l	96
90) Hexachloroethane	14.335	117	49528	16.307	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	153080	17.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17872	15.759	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	38328	12.243	ug/l	97
94) Hexachlorobutadiene	15.506	225	29186	17.266	ug/l	99
95) Naphthalene	15.647	128	118090	11.214	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	44341	12.664	ug/l	96

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ClientSampleId :
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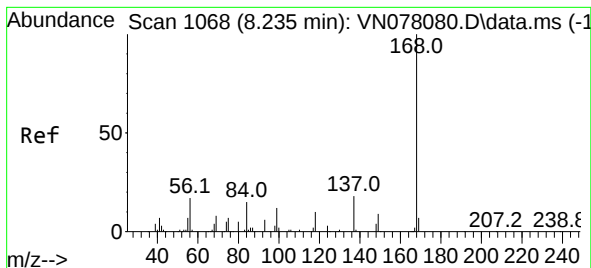
Manual Integrations
APPROVED

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

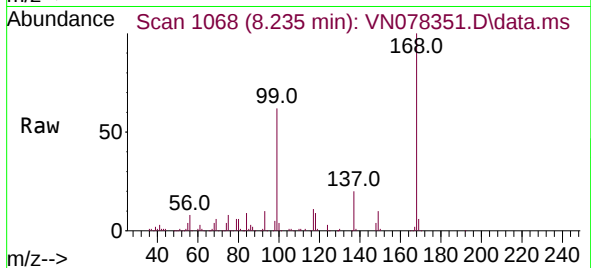
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

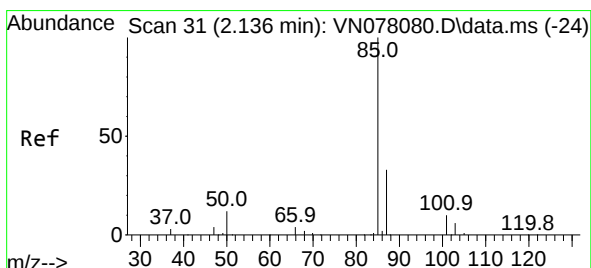
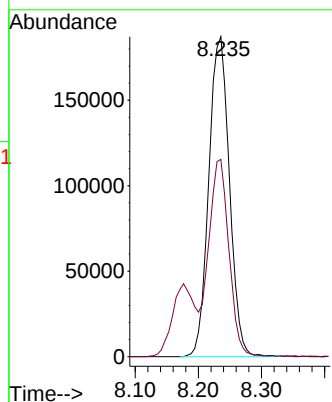
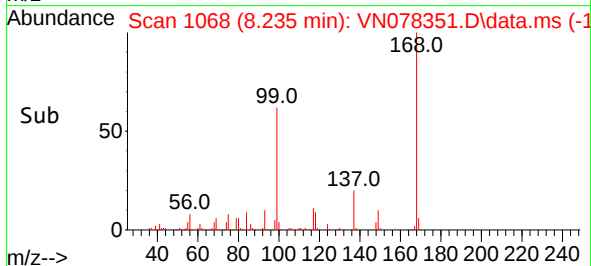
Instrument :
MSVOA_N
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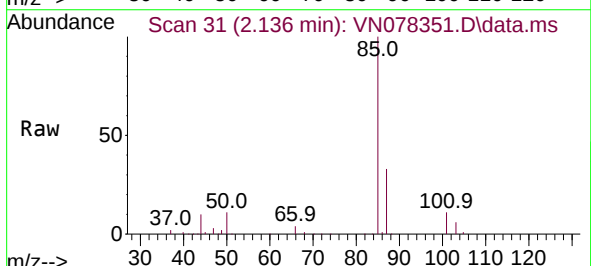
Tgt Ion:168 Resp: 42504
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6

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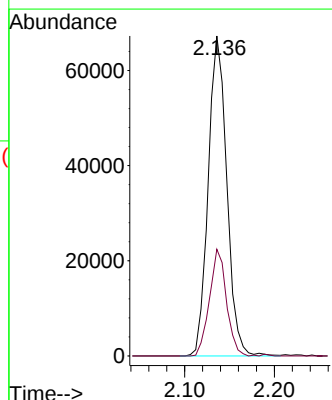
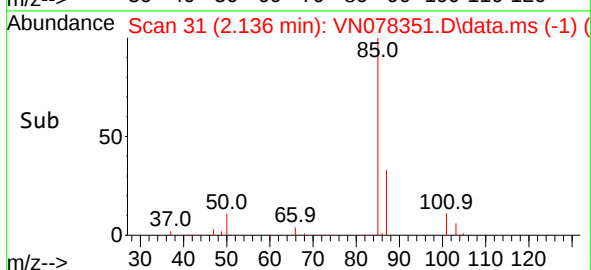
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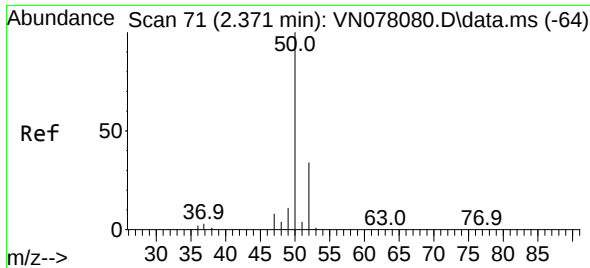


#2
Dichlorodifluoromethane
Concen: 20.131 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



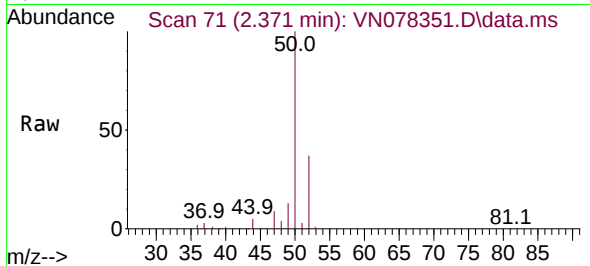
Tgt Ion: 85 Resp: 96720
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 21.008 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

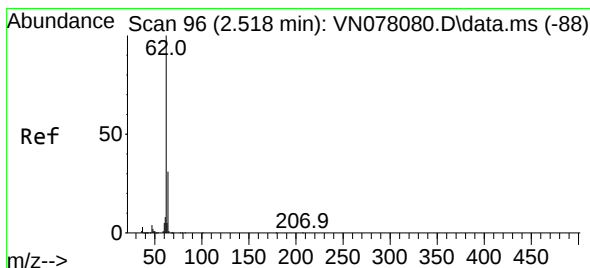
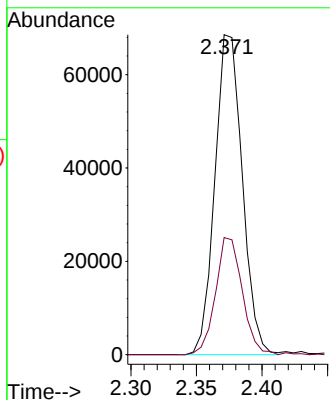
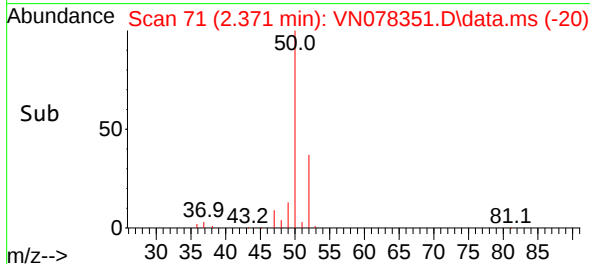
Instrument :
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Tgt Ion: 50 Resp: 99740
Ion Ratio Lower Upper
50 100
52 36.6 26.5 39.7

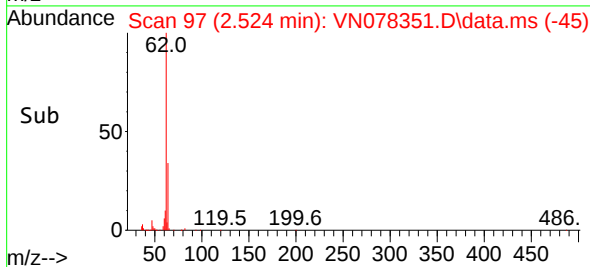
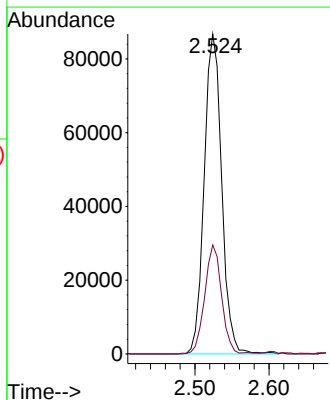
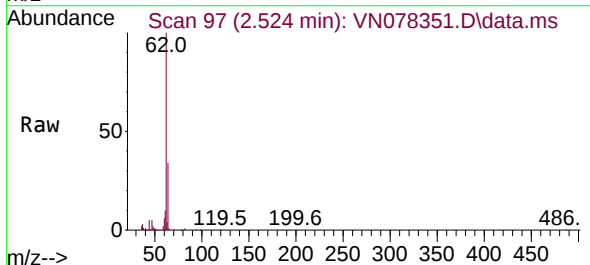
Manual Integrations
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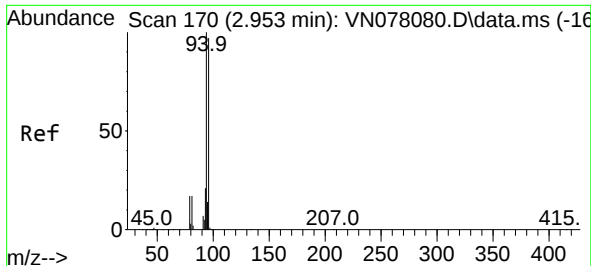
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#4
Vinyl Chloride
Concen: 22.616 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion: 62 Resp: 142287
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





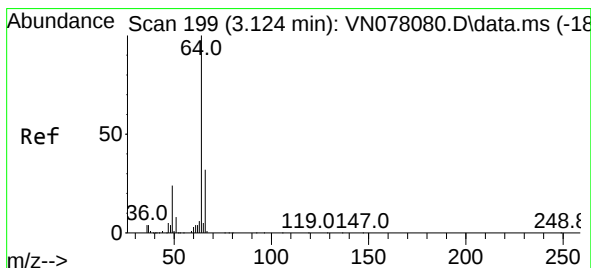
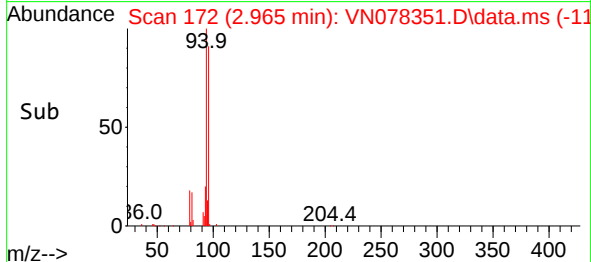
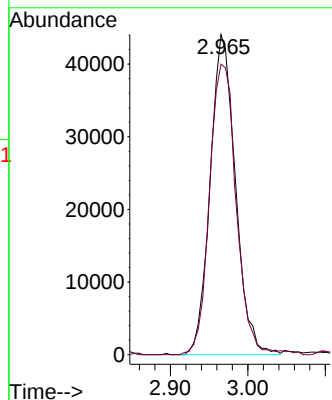
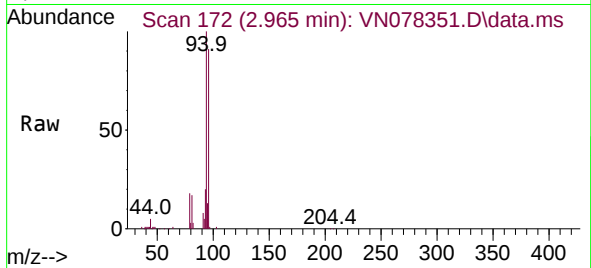
#5
Bromomethane
Concen: 20.971 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
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Tgt Ion: 94 Resp: 9971
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

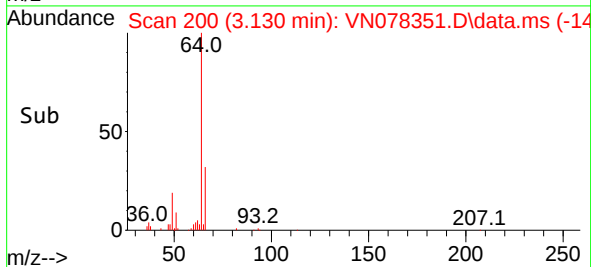
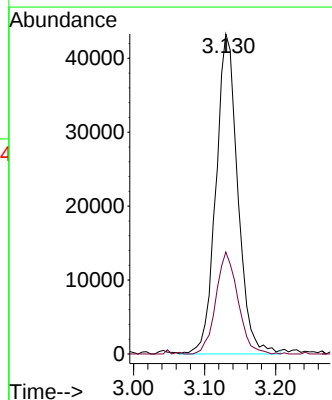
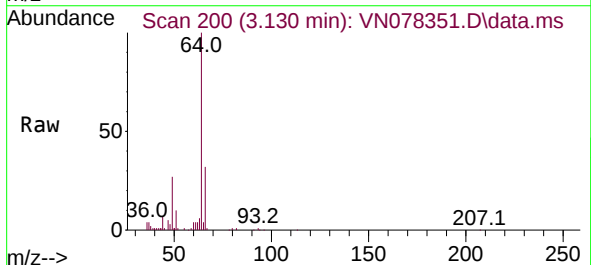
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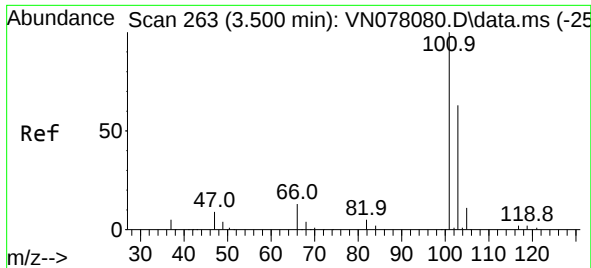
Reviewed By :John Carlone 06/23/2023
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#6
Chloroethane
Concen: 21.540 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078351.D
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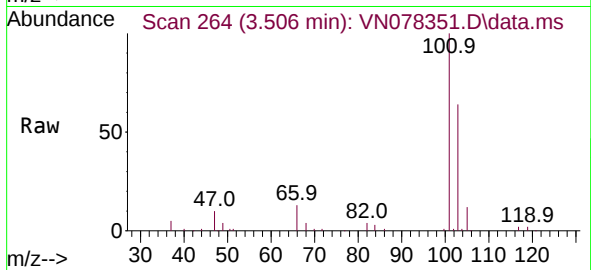
Tgt Ion: 64 Resp: 92382
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.051 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

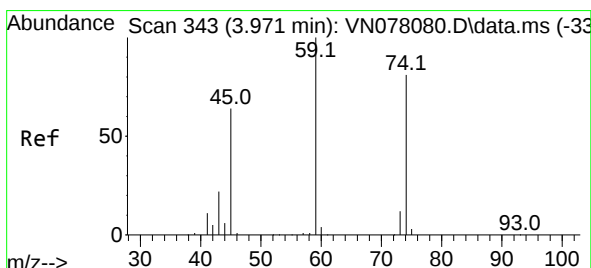
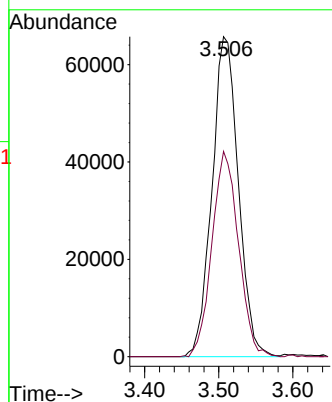
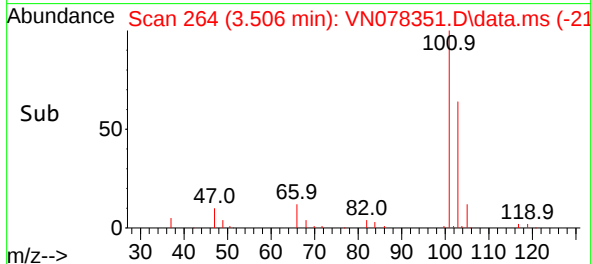
Instrument :
MSVOA_N
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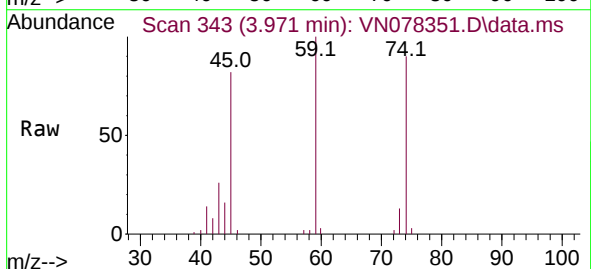
Tgt Ion:101 Resp: 16254
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

Manual Integrations
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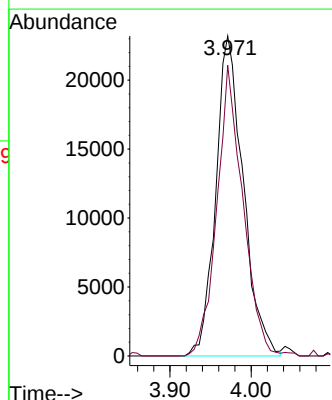
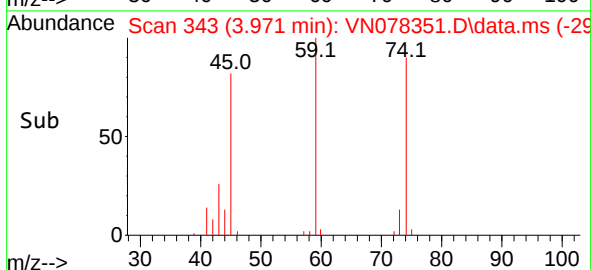
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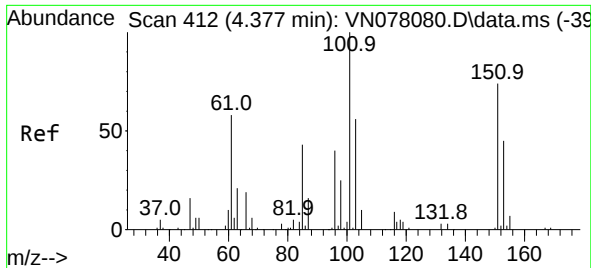


#8
Diethyl Ether
Concen: 18.209 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54585
Ion Ratio Lower Upper
74 100
45 86.2 34.4 103.3





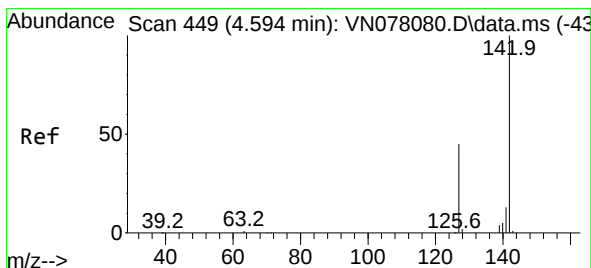
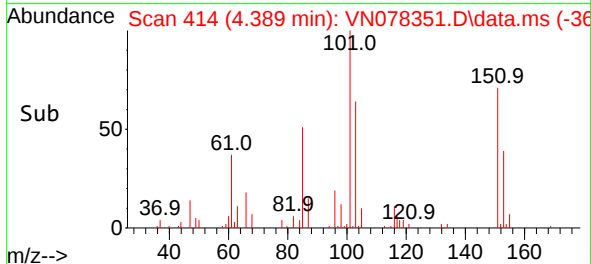
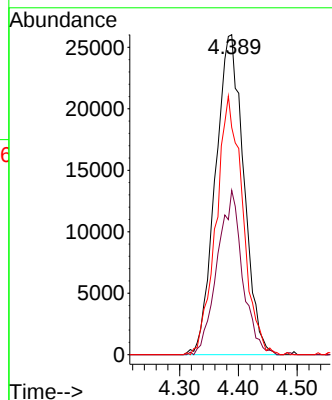
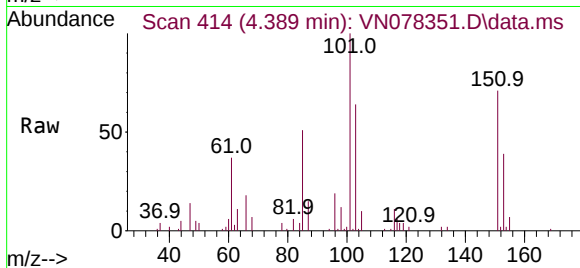
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.300 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion:101 Resp: 8689
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 76.2 57.6 86.4

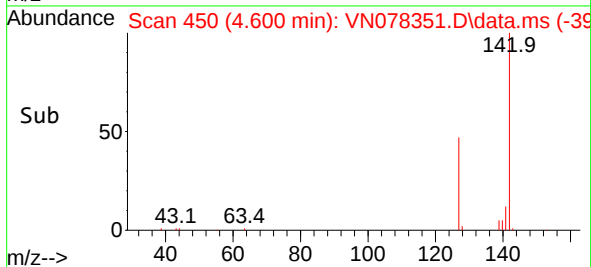
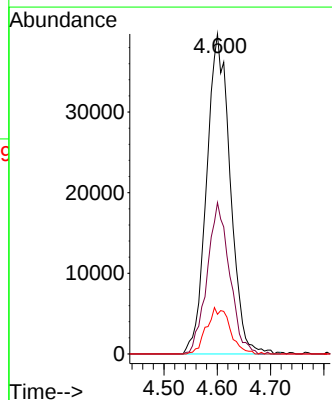
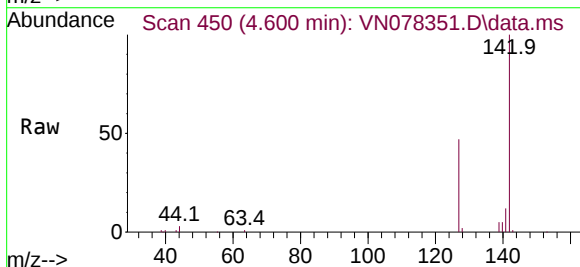
Manual Integrations
APPROVED

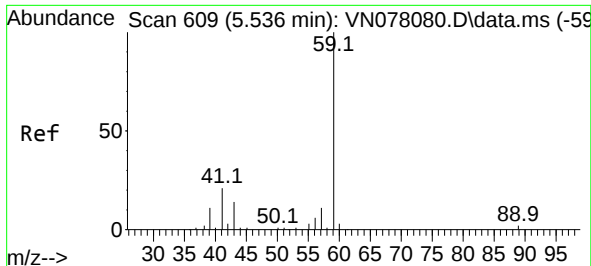
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#10
Methyl Iodide
Concen: 19.164 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

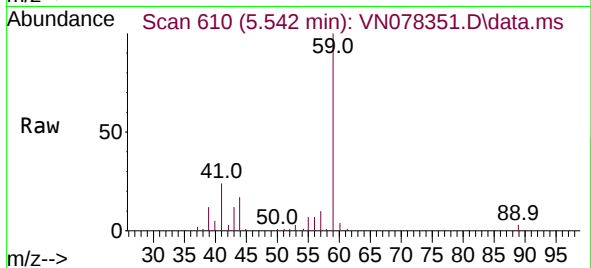
Tgt Ion:142 Resp: 122030
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 12.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 87.097 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

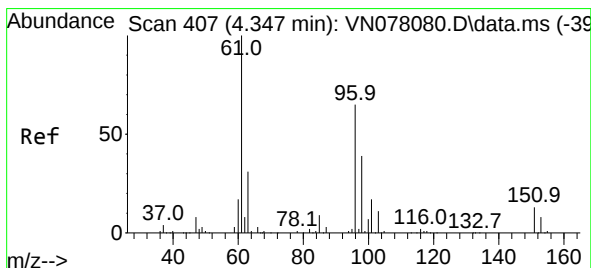
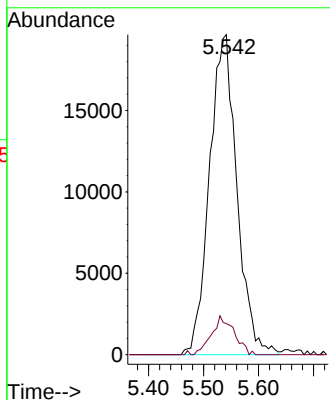
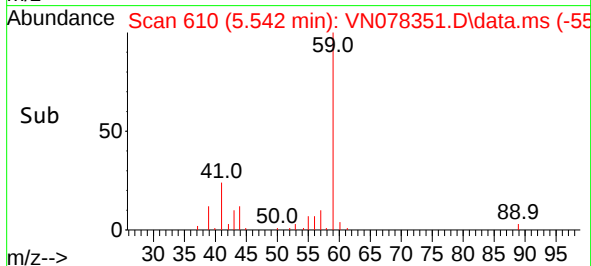
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



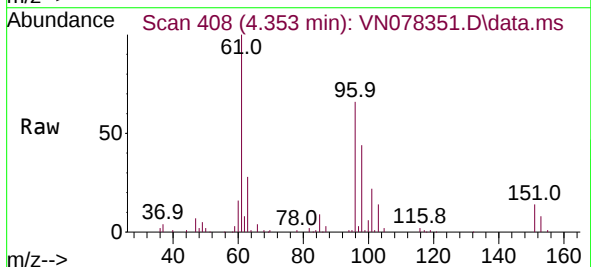
Tgt Ion: 59 Resp: 68154
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

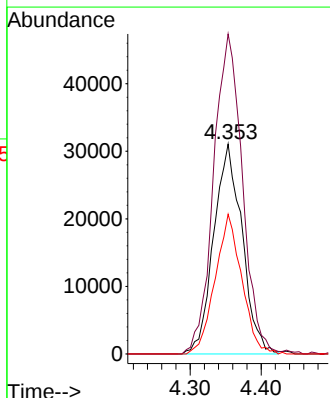
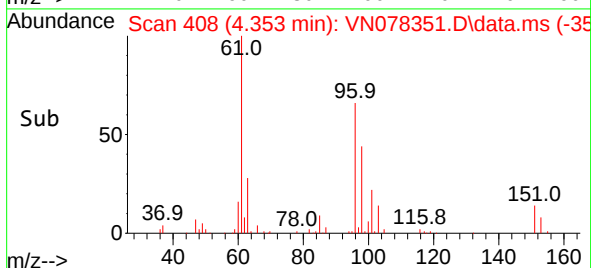
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

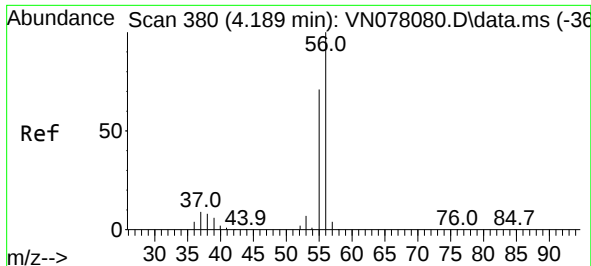


#12
1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



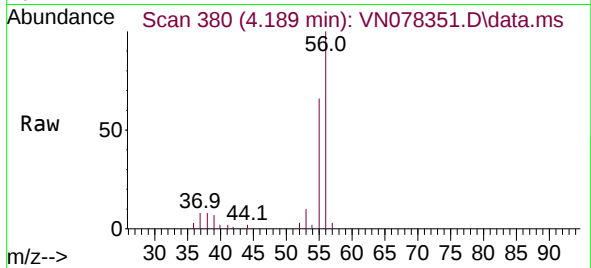
Tgt Ion: 96 Resp: 86238
Ion Ratio Lower Upper
96 100
61 152.4 112.7 169.1
98 66.6 51.2 76.8





#13
Acrolein
Concen: 91.946 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

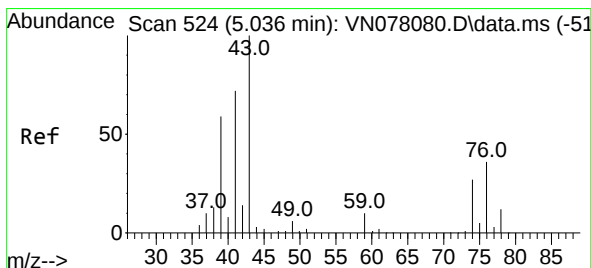
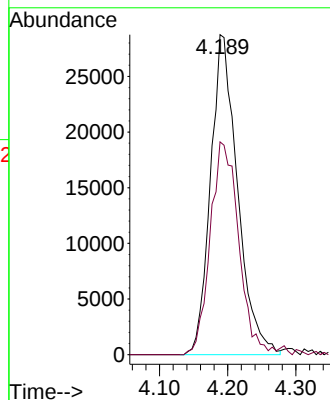
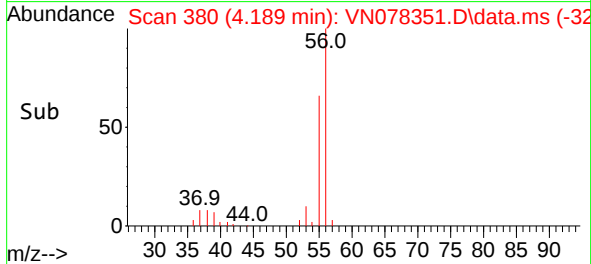
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



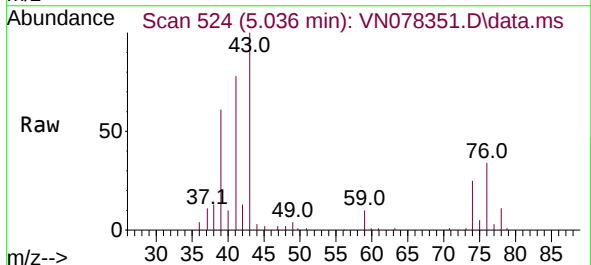
Tgt Ion: 56 Resp: 7929
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

Manual Integrations
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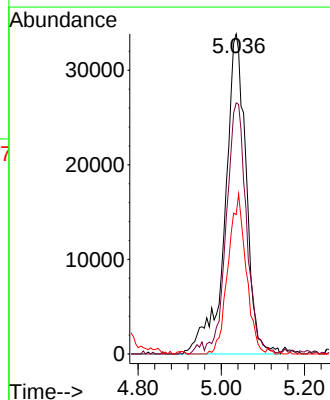
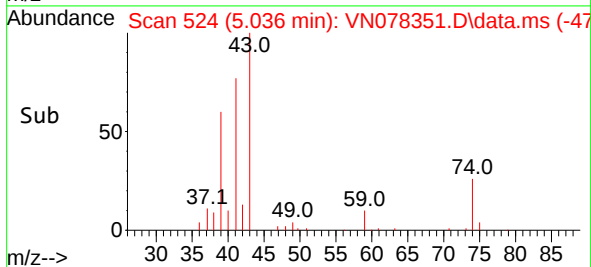
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#14
Allyl chloride
Concen: 21.089 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



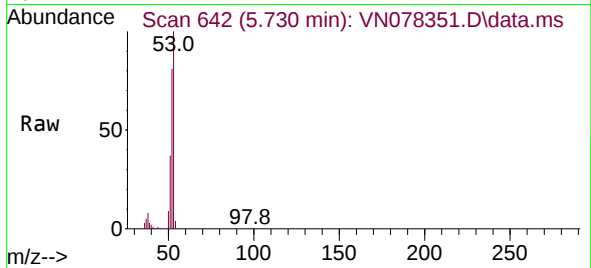
Tgt Ion: 41 Resp: 119488
Ion Ratio Lower Upper
41 100
39 73.4 58.8 88.2
76 42.5 39.1 58.7





#15
Acrylonitrile
Concen: 92.557 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

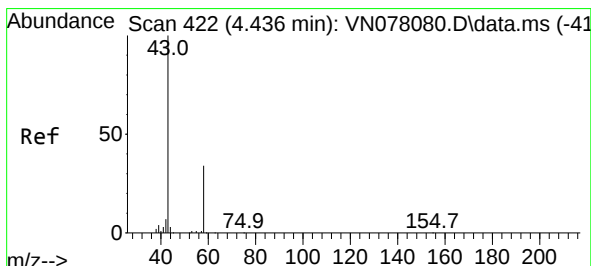
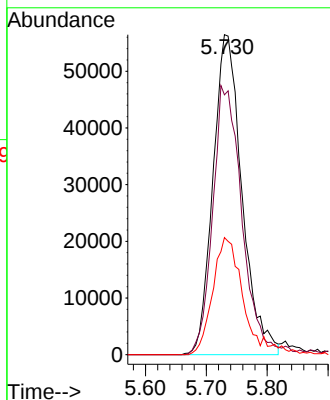
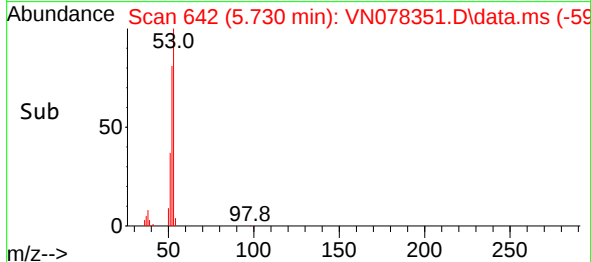
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



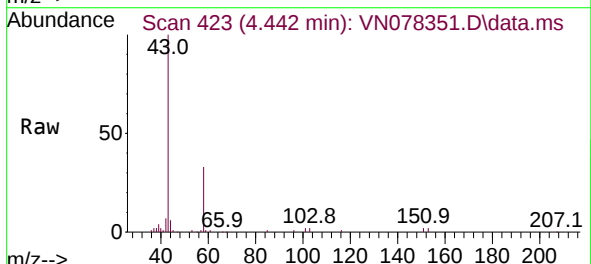
Tgt Ion: 53 Resp: 186728
Ion Ratio Lower Upper
53 100
52 84.9 65.3 97.9
51 38.9 28.9 43.3

Manual Integrations
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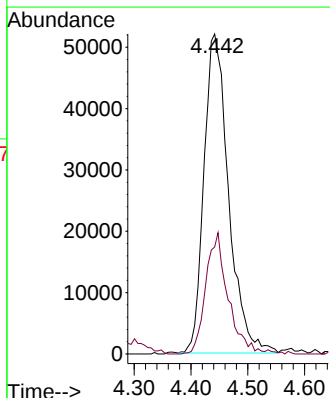
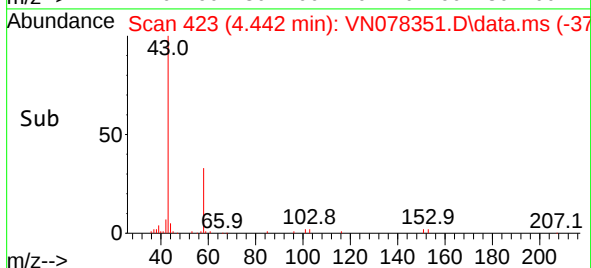
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

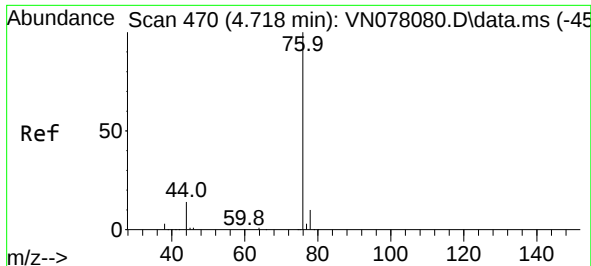


#16
Acetone
Concen: 95.997 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion: 43 Resp: 156591
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0





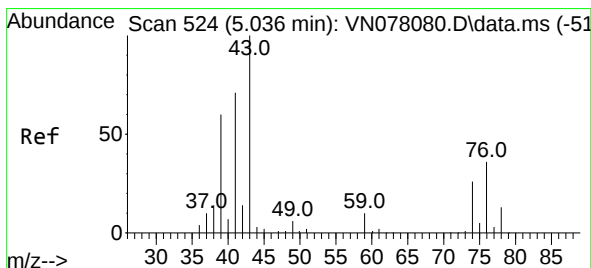
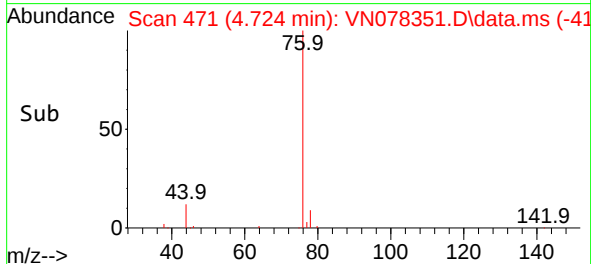
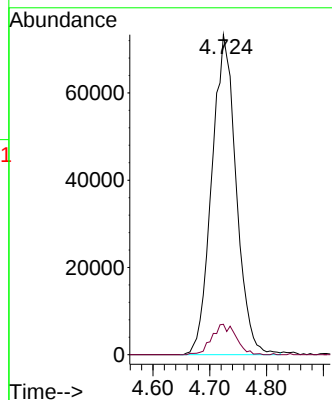
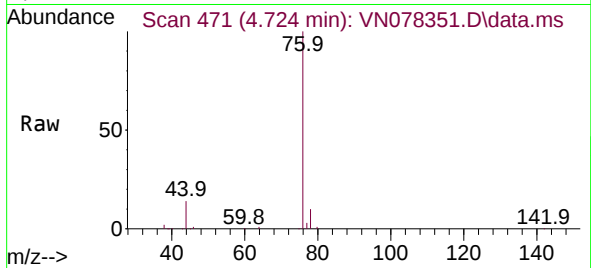
#17
Carbon Disulfide
Concen: 18.347 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 76 Resp: 21918
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

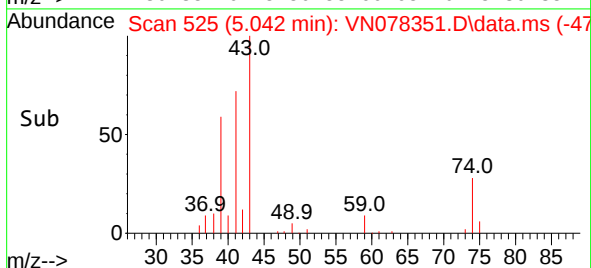
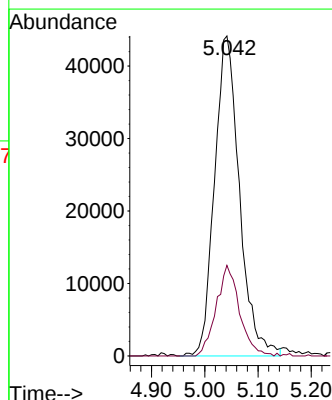
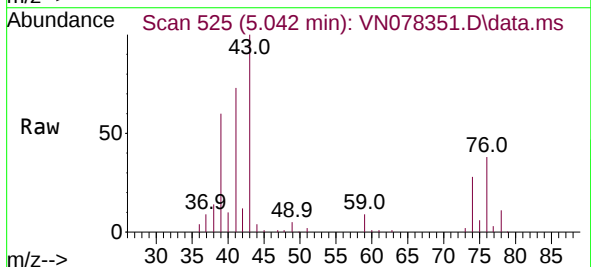
Manual Integrations
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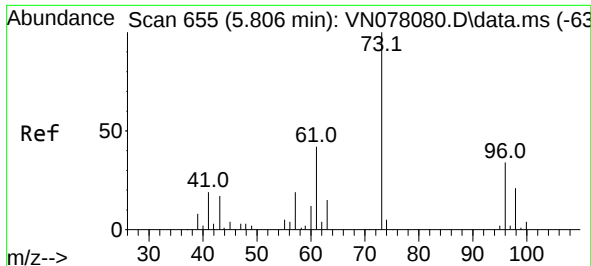
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#18
Methyl Acetate
Concen: 19.085 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion: 43 Resp: 143327
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4





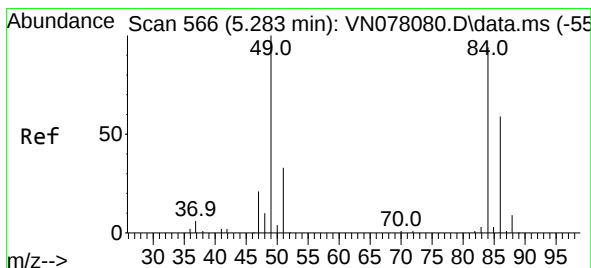
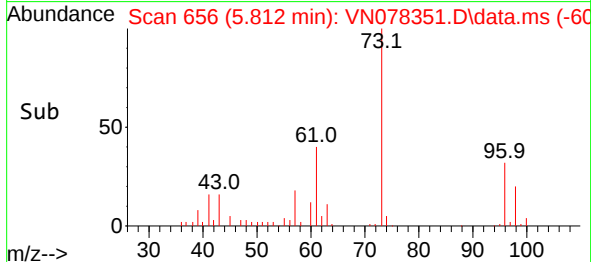
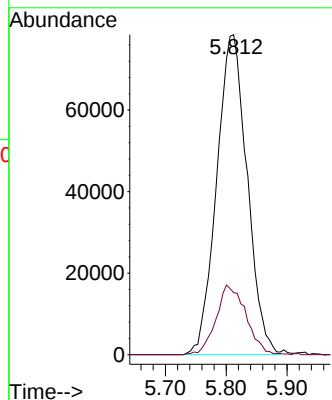
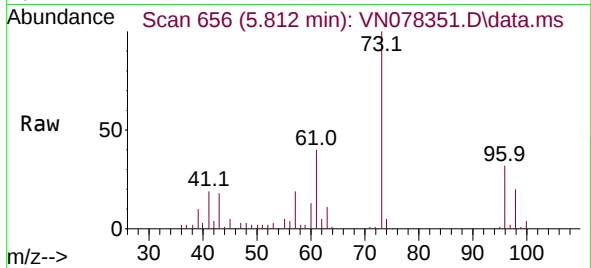
#19
Methyl tert-butyl Ether
Concen: 18.425 ug/l
RT: 5.812 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 73 Resp: 272850
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4

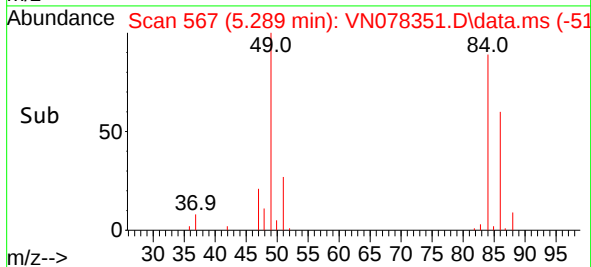
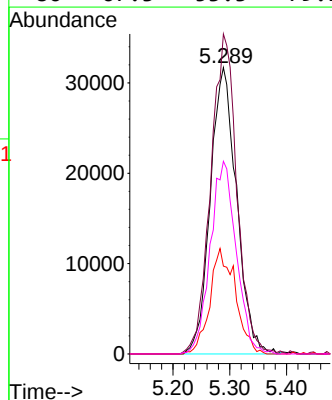
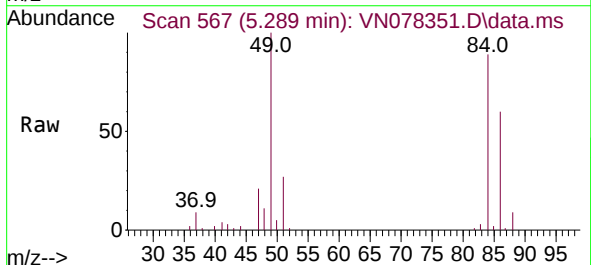
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#20
Methylene Chloride
Concen: 18.906 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

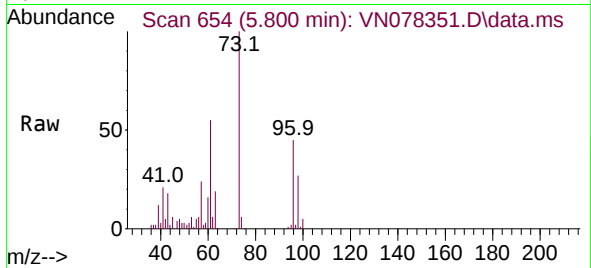
Tgt Ion: 84 Resp: 101909
Ion Ratio Lower Upper
84 100
49 111.7 79.7 119.5
51 30.7 25.2 37.8
86 67.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.517 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

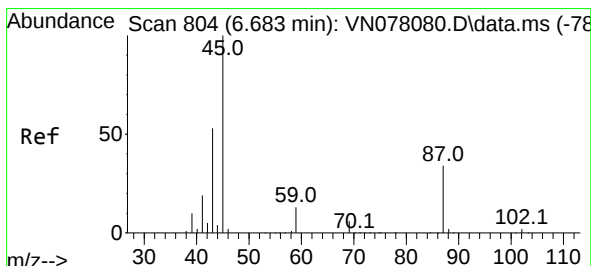
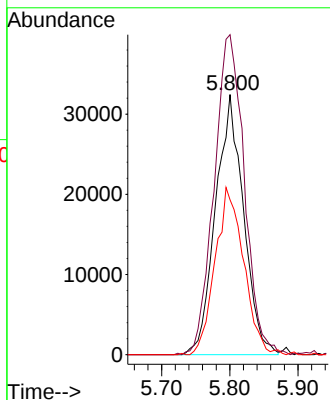
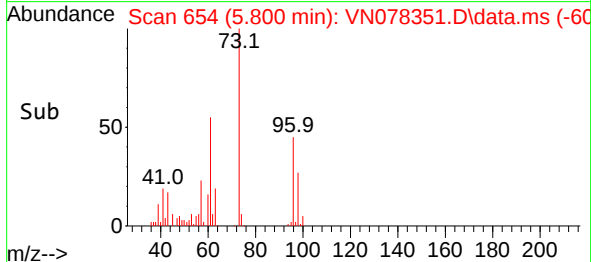
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion: 96 Resp: 92690
Ion Ratio Lower Upper
96 100
61 122.4 90.1 135.1
98 59.5 46.4 69.6

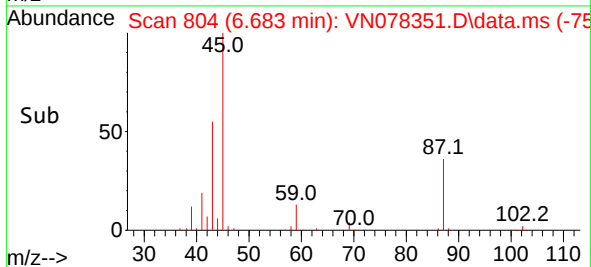
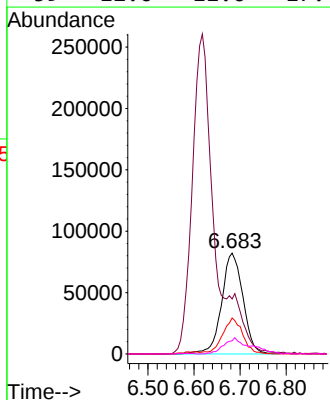
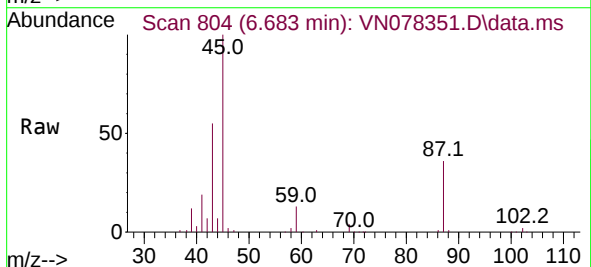
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#22
Diisopropyl ether
Concen: 19.799 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

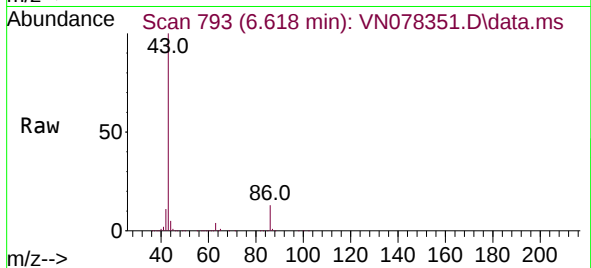
Tgt Ion: 45 Resp: 263874
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 35.7 31.8 47.8
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 97.367 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40

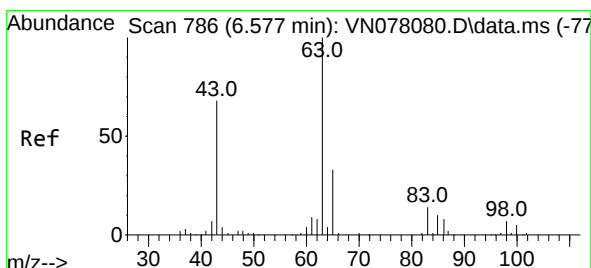
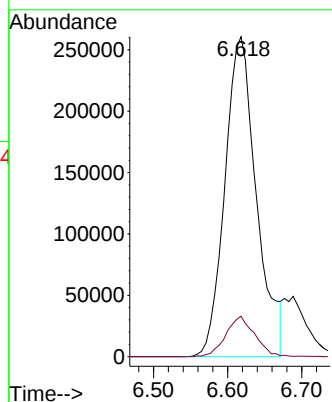
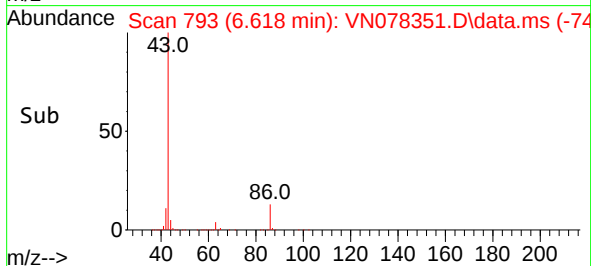
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01



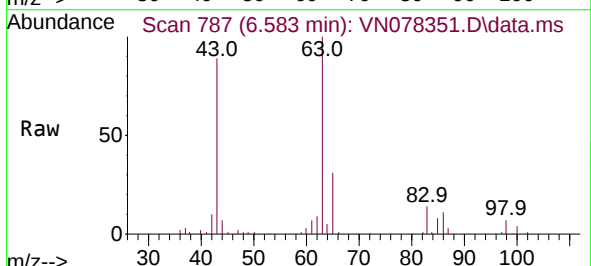
Tgt Ion: 43 Resp: 771375
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations
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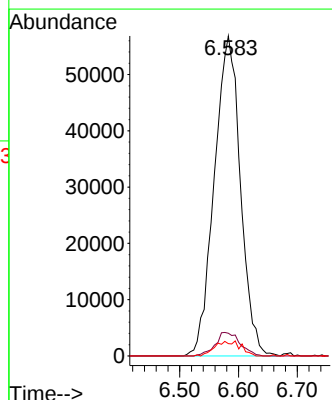
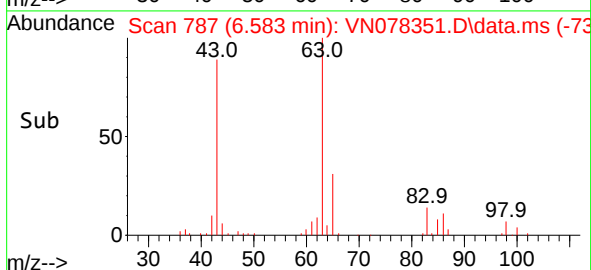
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#24
 1,1-Dichloroethane
 Concen: 19.964 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40



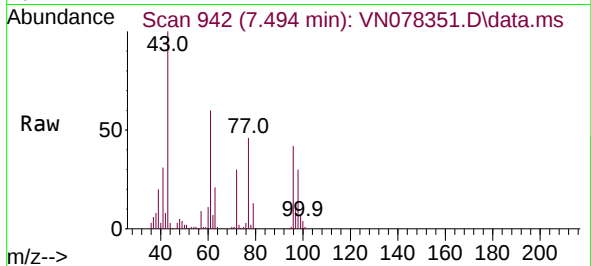
Tgt Ion: 63 Resp: 175521
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 95.194 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

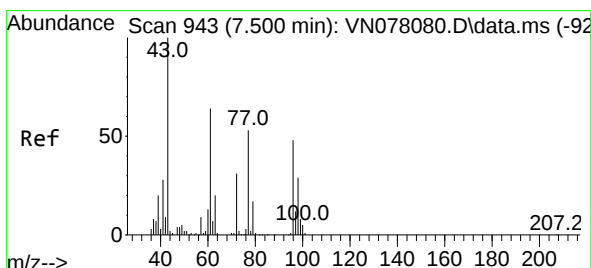
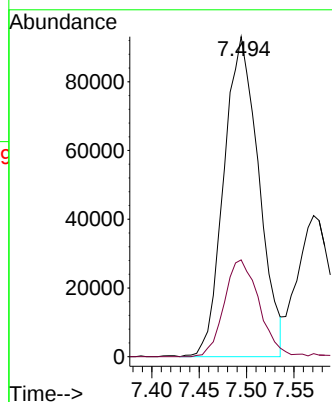
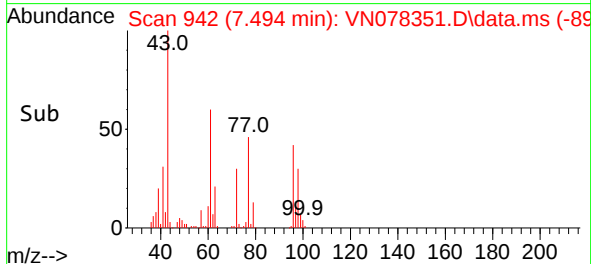
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



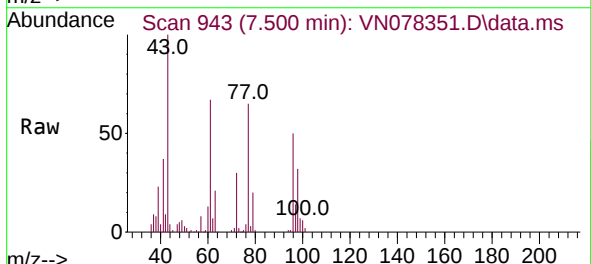
Tgt Ion: 43 Resp: 238788
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

Manual Integrations
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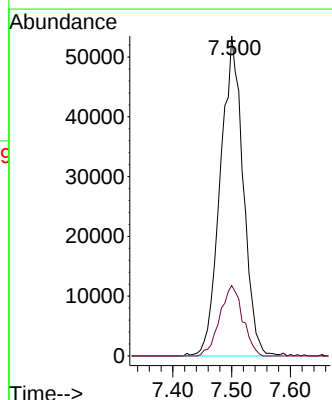
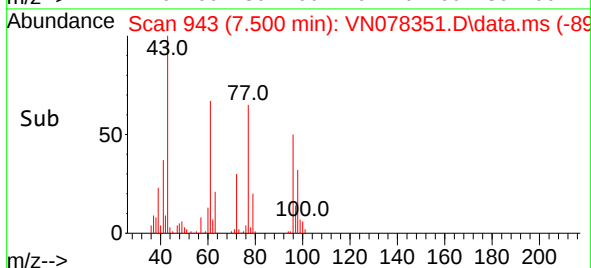
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#26
2,2-Dichloropropane
Concen: 22.215 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



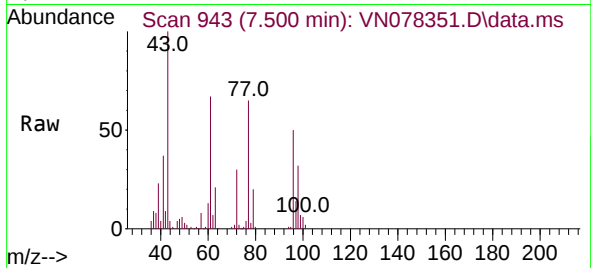
Tgt Ion: 77 Resp: 144212
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.492 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40

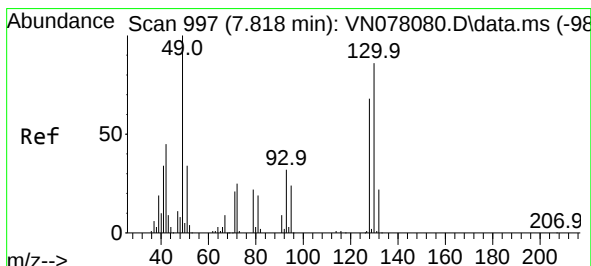
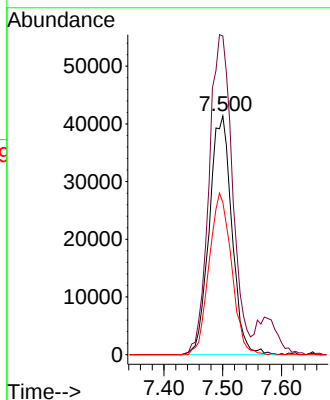
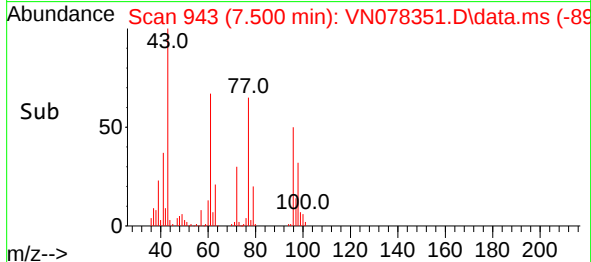
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01



Tgt Ion: 96 Resp: 110420
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 255.2
 98 67.1 0.0 128.8

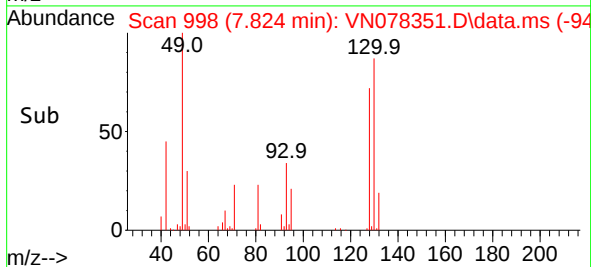
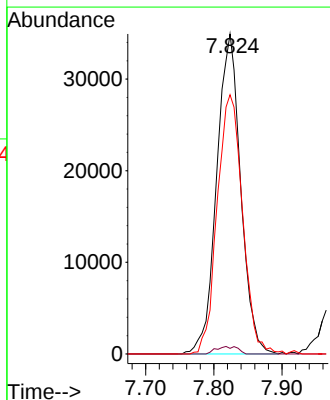
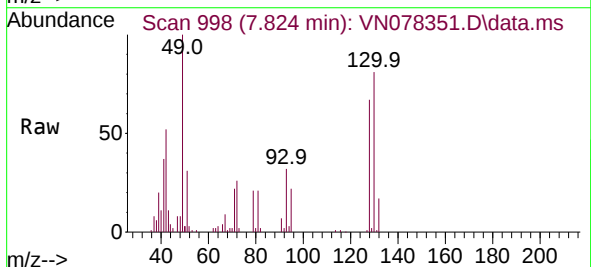
Manual Integrations
 APPROVED

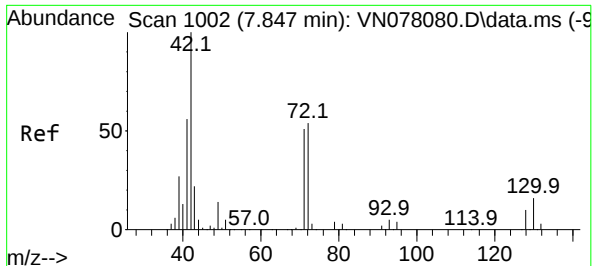
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#28
 Bromochloromethane
 Concen: 21.188 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40

Tgt Ion: 49 Resp: 85529
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 85.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 91.116 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

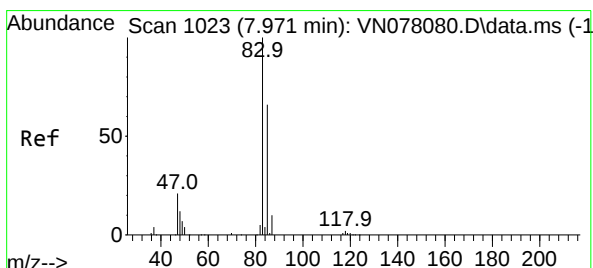
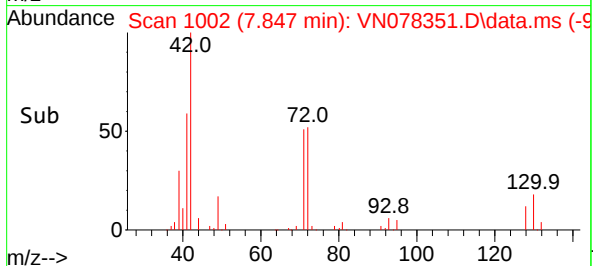
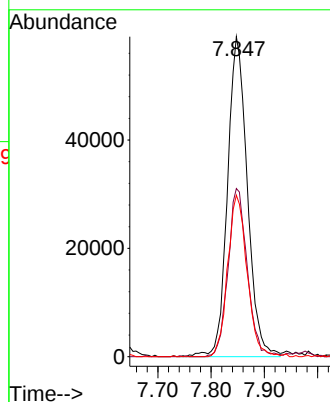
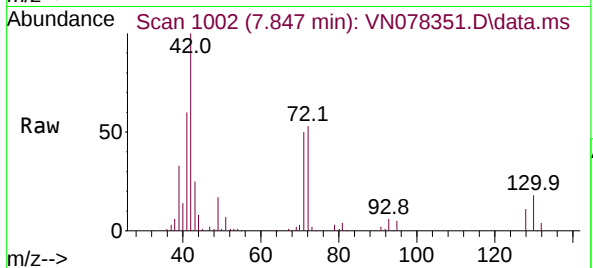
Tgt Ion: 42 Resp: 152793
 Ion Ratio Lower Upper
 42 100
 72 51.1 49.8 74.6
 71 49.3 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#30

Chloroform

Concen: 19.851 ug/l

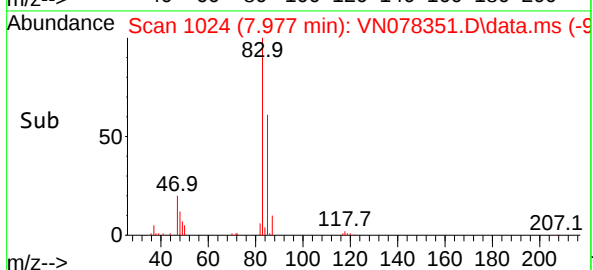
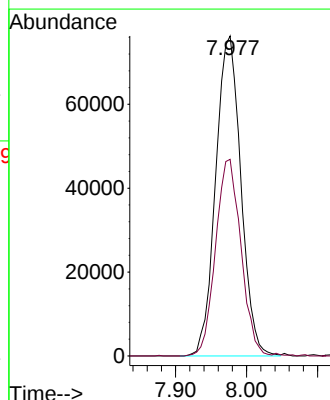
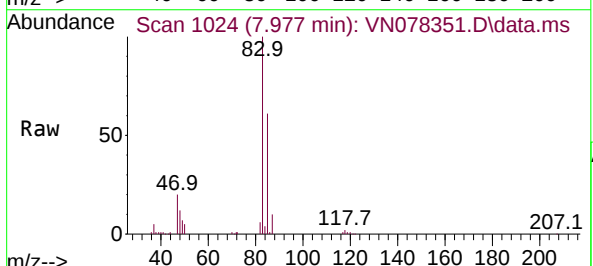
RT: 7.977 min Scan# 1024

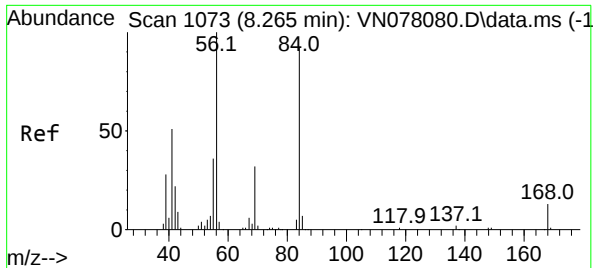
Delta R.T. 0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

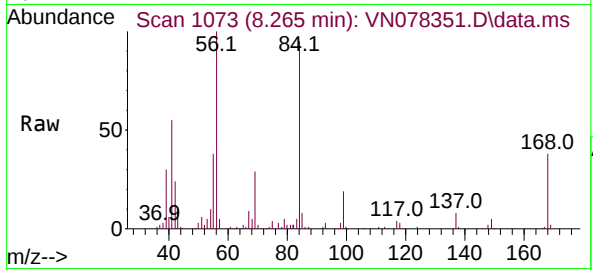
Tgt Ion: 83 Resp: 187933
 Ion Ratio Lower Upper
 83 100
 85 61.4 55.4 83.0





#31
Cyclohexane
Concen: 18.634 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

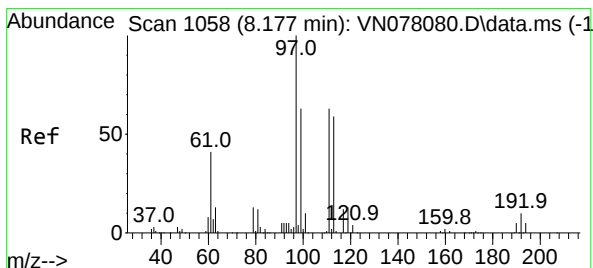
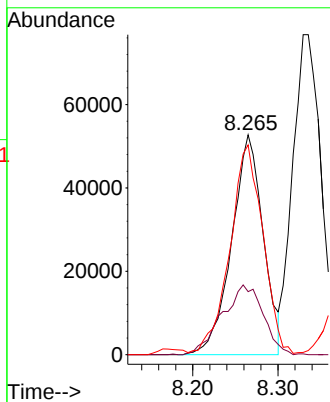
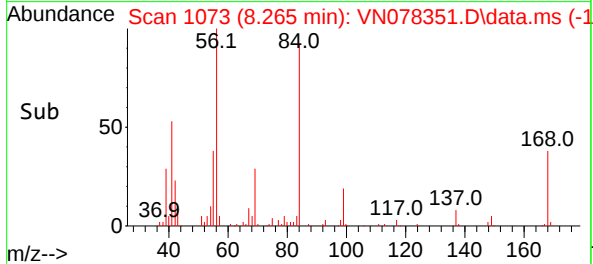
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



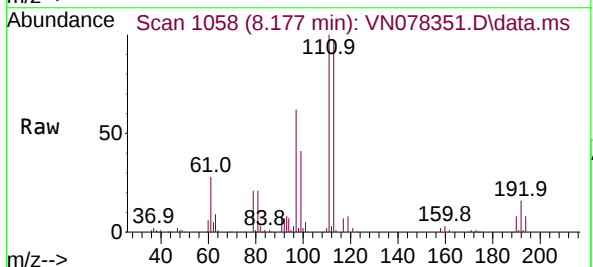
Tgt Ion: 56 Resp: 13546
Ion Ratio Lower Upper
56 100
69 28.7 26.8 40.2
84 93.3 81.8 122.6

Manual Integrations
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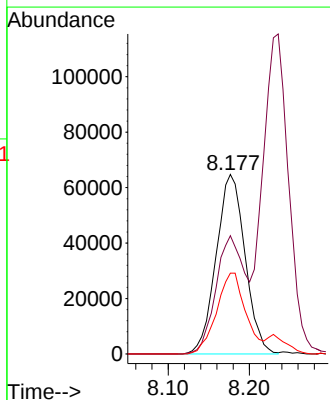
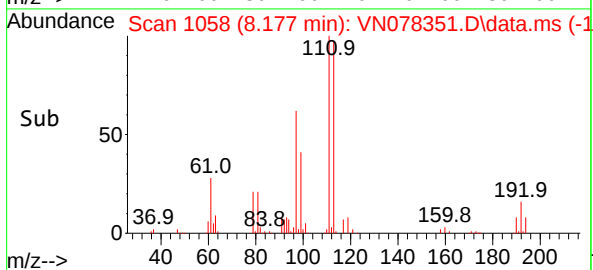
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

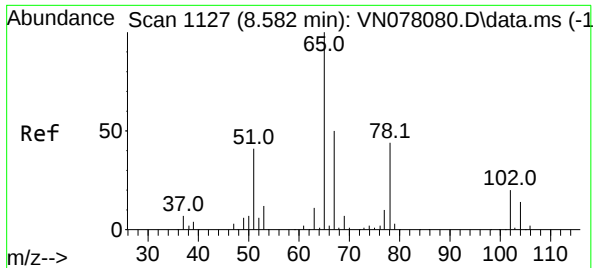


#32
1,1,1-Trichloroethane
Concen: 19.291 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion: 97 Resp: 160336
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.523 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 65 Resp: 29198

Ion Ratio Lower Upper

65 100

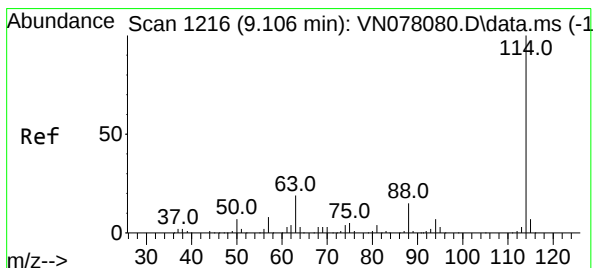
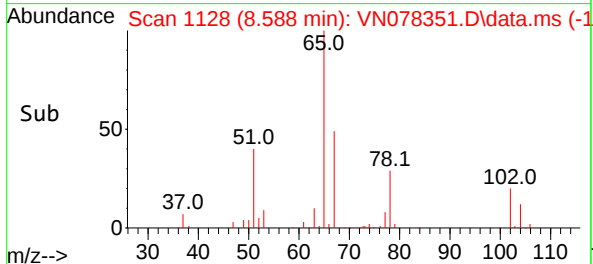
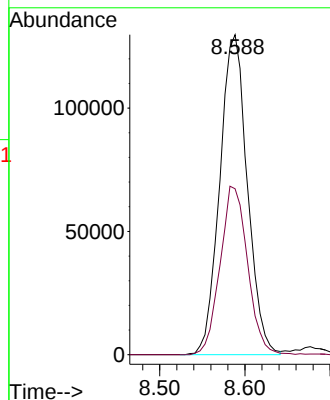
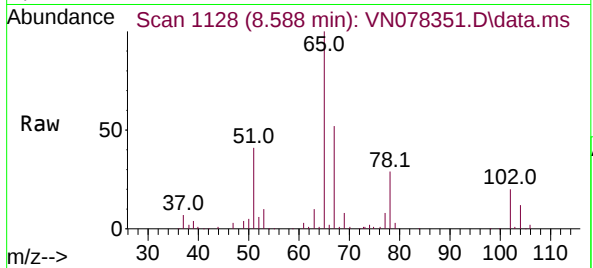
67 52.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

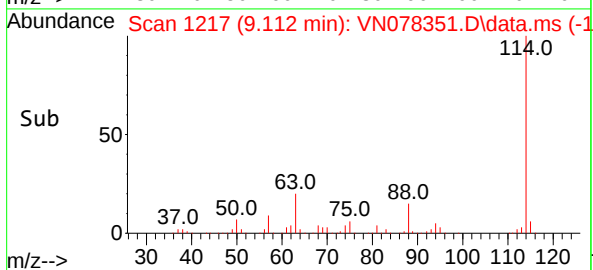
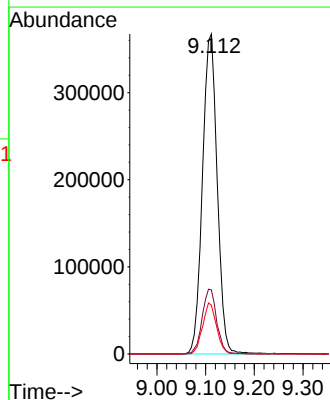
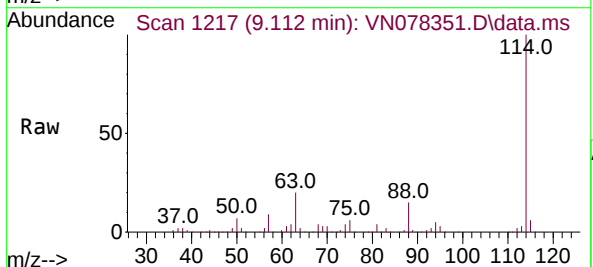
Tgt Ion:114 Resp: 770785

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.106 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 113 Resp: 24906

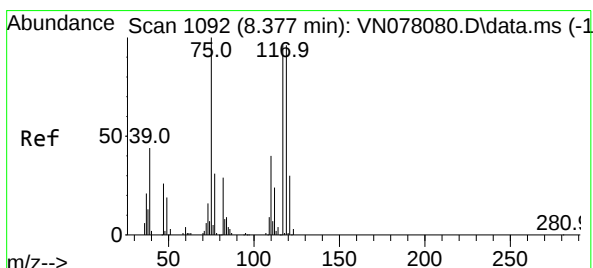
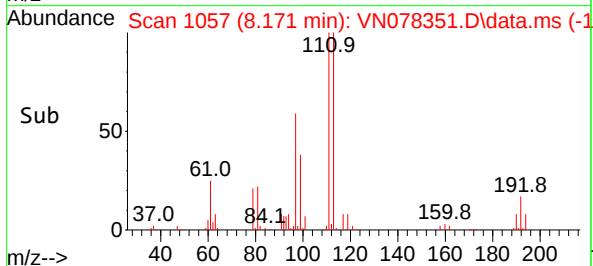
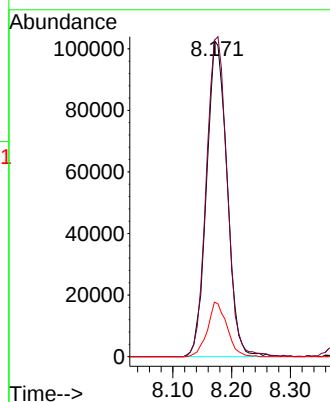
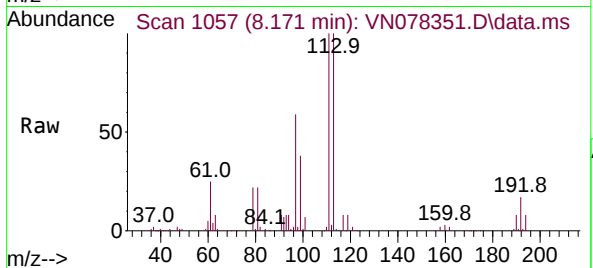
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	16.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/23/2023

Supervised By : Mahesh Dadoda 06/23/2023



#36

1,1-Dichloropropene

Concen: 19.373 ug/l

RT: 8.383 min Scan# 1093

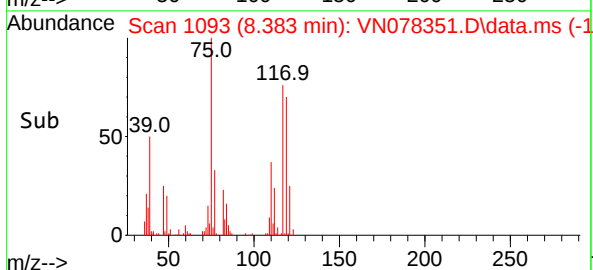
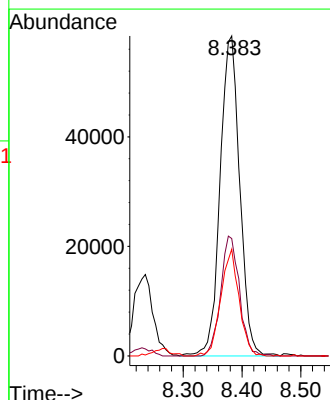
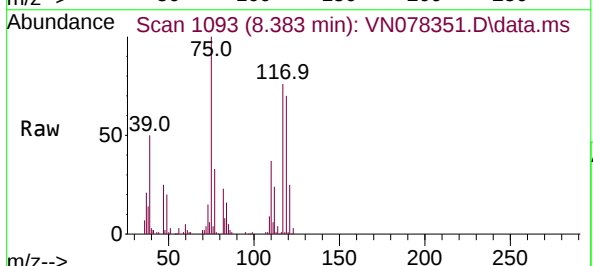
Delta R.T. 0.006 min

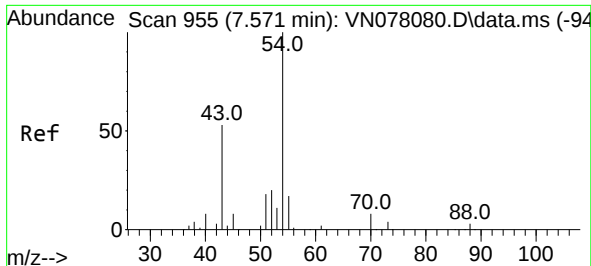
Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Tgt Ion: 75 Resp: 135427

Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.1	57.3
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 20.035 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 43 Resp: 109414

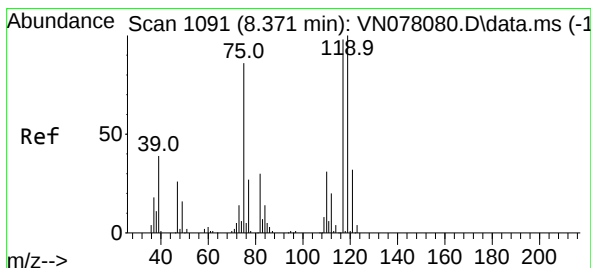
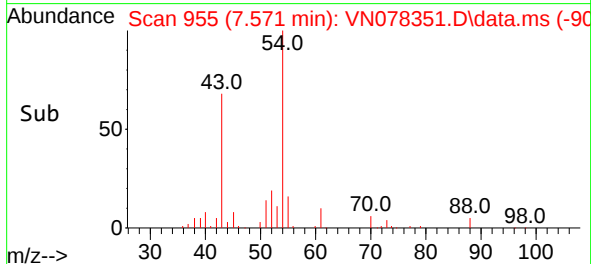
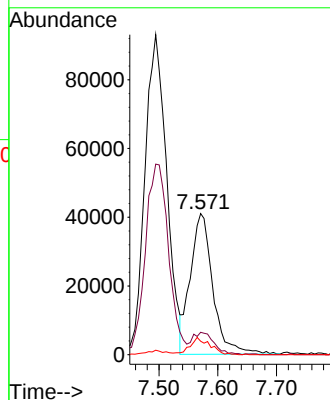
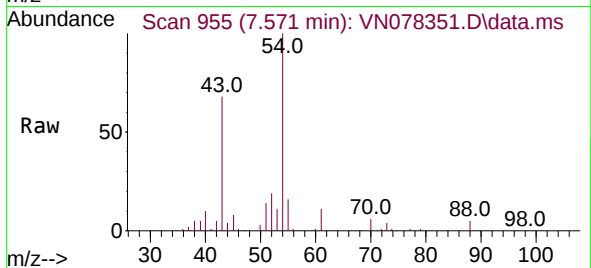
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.2	19.8
70	10.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#38

Carbon Tetrachloride

Concen: 19.306 ug/l

RT: 8.371 min Scan# 1091

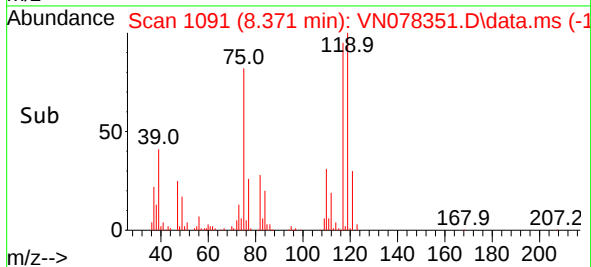
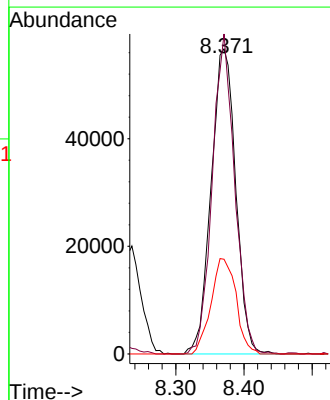
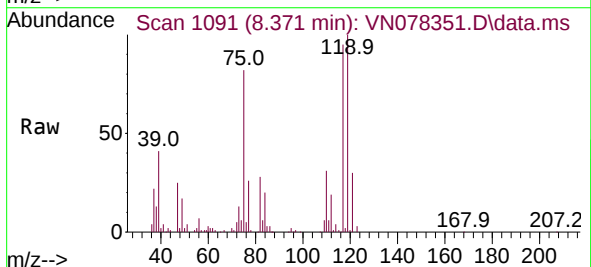
Delta R.T. 0.000 min

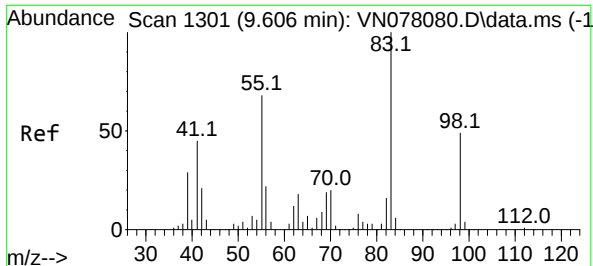
Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Tgt Ion:117 Resp: 142507

Ion	Ratio	Lower	Upper
117	100		
119	104.9	77.3	115.9
121	31.1	23.3	34.9





#39

Methylcyclohexane

Concen: 17.260 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 83 Resp: 125039

Ion Ratio Lower Upper

83 100

55 70.8 49.1 73.7

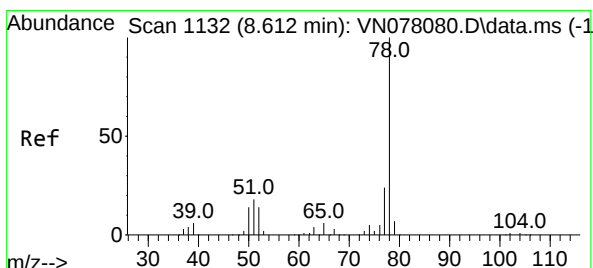
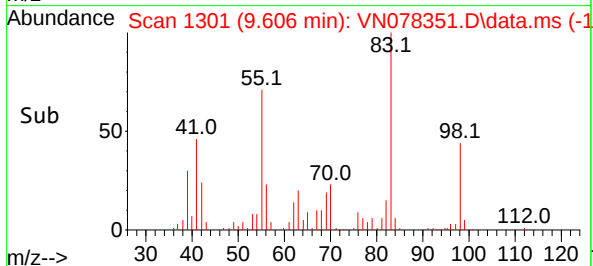
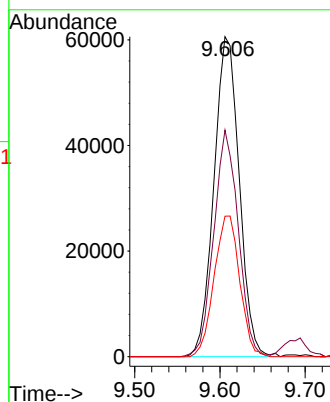
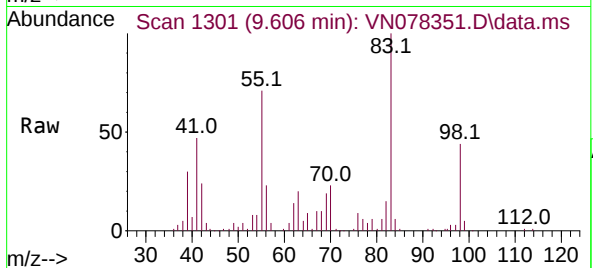
98 43.9 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#40

Benzene

Concen: 19.713 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078351.D

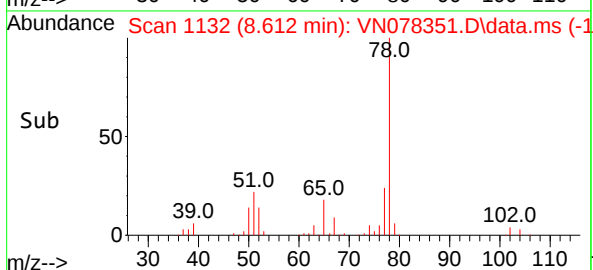
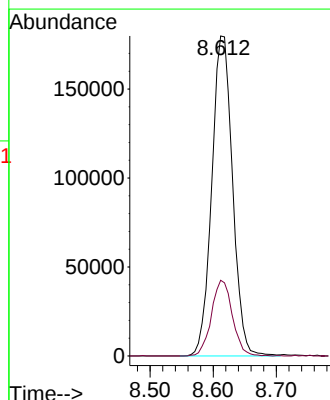
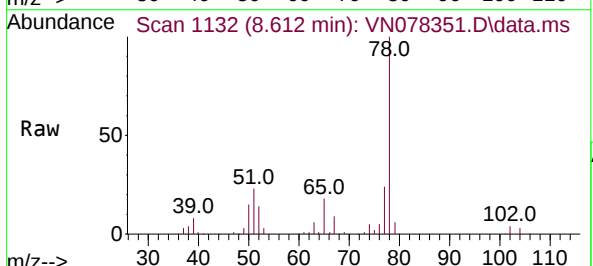
Acq: 22 Jun 2023 15:40

Tgt Ion: 78 Resp: 411402

Ion Ratio Lower Upper

78 100

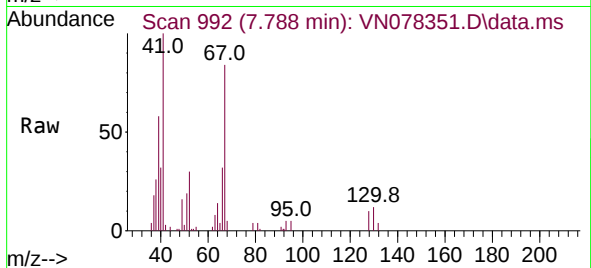
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 17.177 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

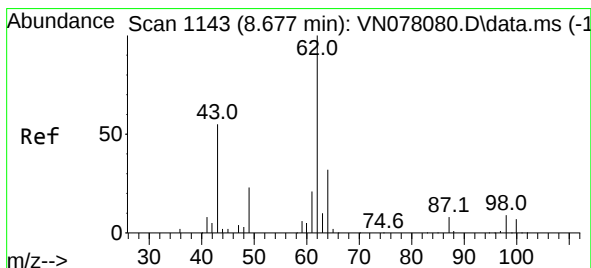
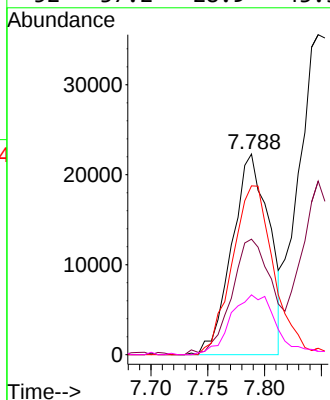
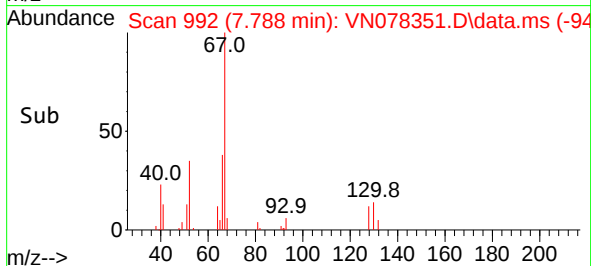
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



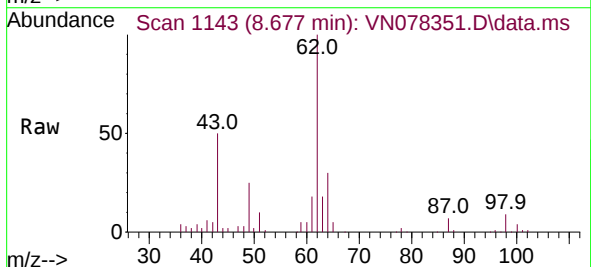
Tgt Ion: 41 Resp: 50849
Ion Ratio Lower Upper
41 100
39 63.1 42.6 64.0
67 94.3 77.5 116.3
52 37.2 28.9 43.3

Manual Integrations
APPROVED

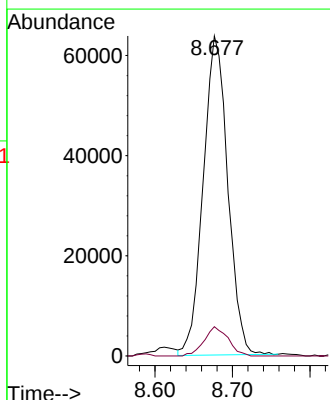
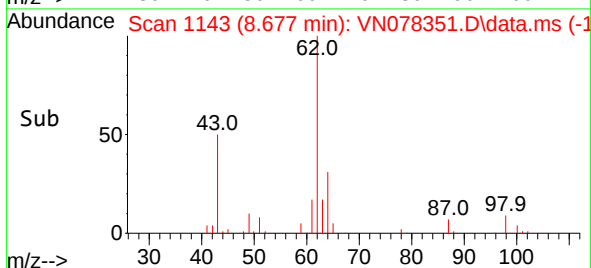
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

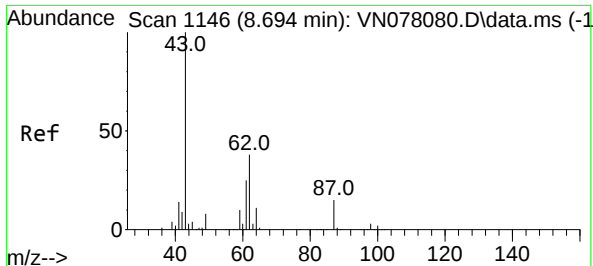


#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



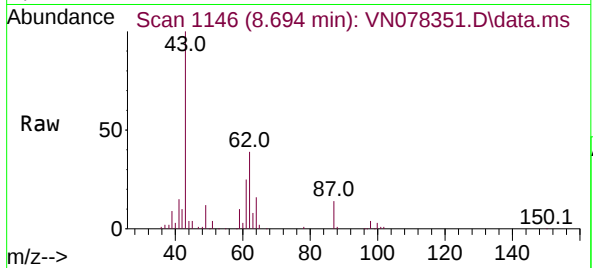
Tgt Ion: 62 Resp: 140350
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.140 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

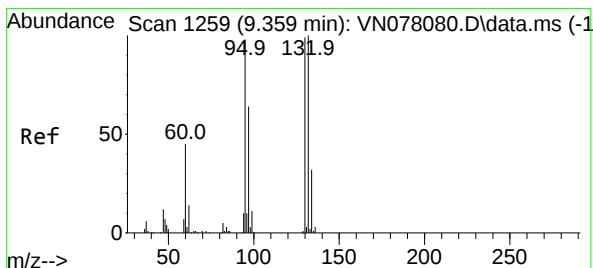
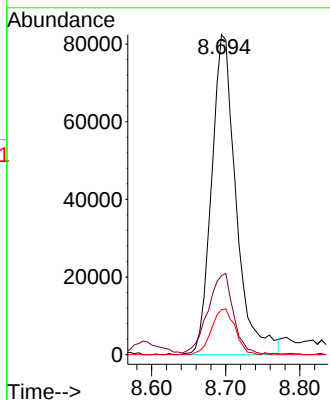
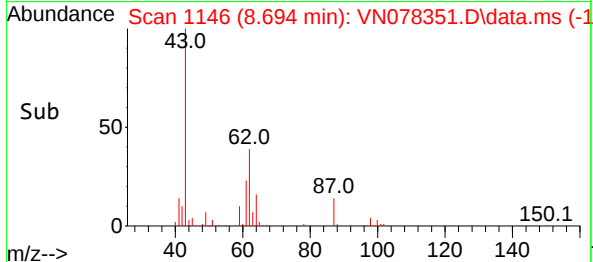
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion: 43 Resp: 189449
Ion Ratio Lower Upper
43 100
61 26.0 24.7 37.1
87 13.7 14.6 21.8

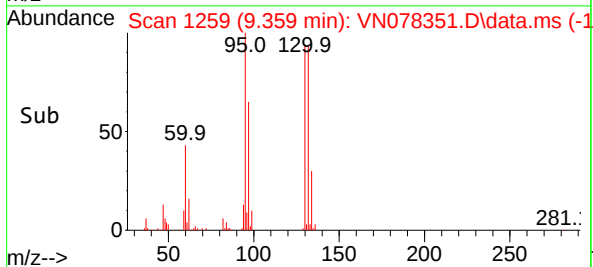
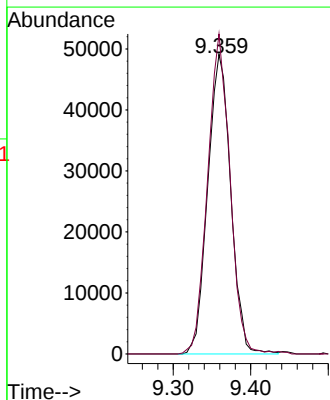
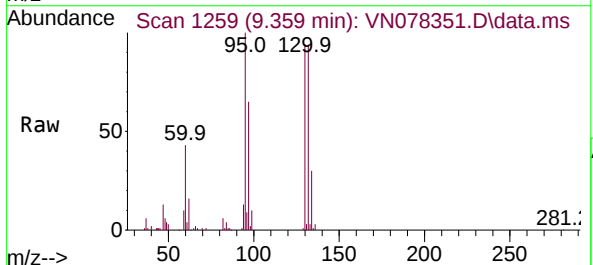
Manual Integrations
APPROVED

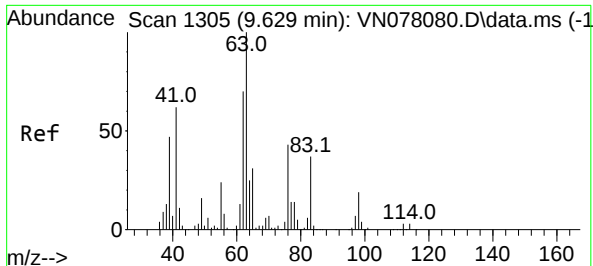
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#44
Trichloroethene
Concen: 18.406 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion:130 Resp: 101442
Ion Ratio Lower Upper
130 100
95 106.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.599 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 63 Resp: 101764

Ion Ratio Lower Upper

63 100

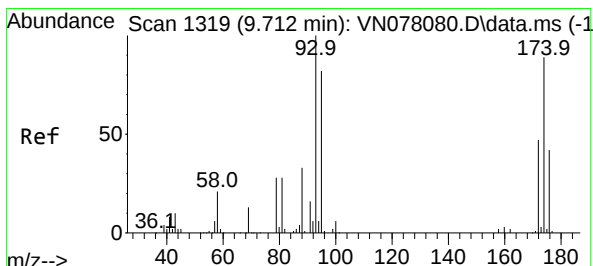
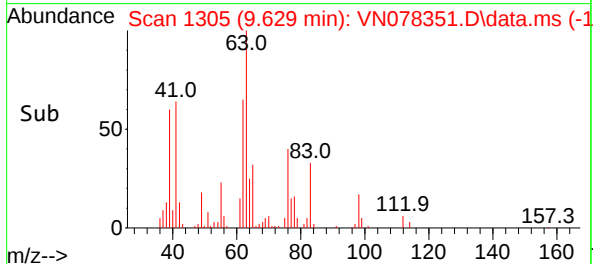
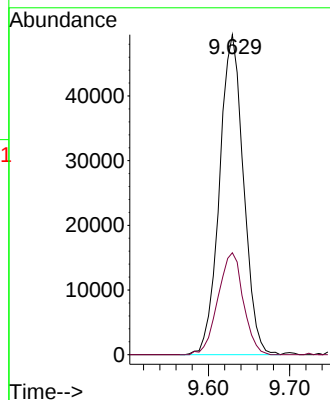
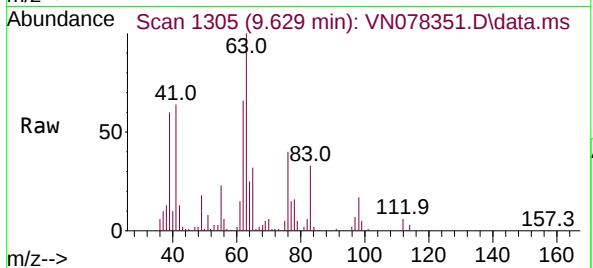
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#46

Dibromomethane

Concen: 19.051 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

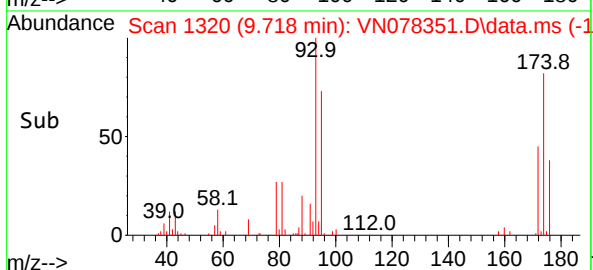
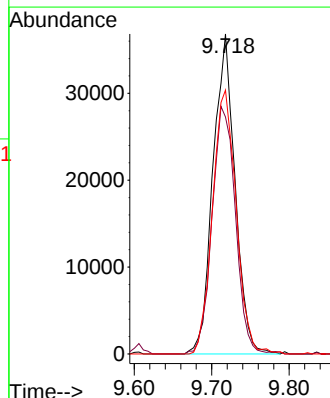
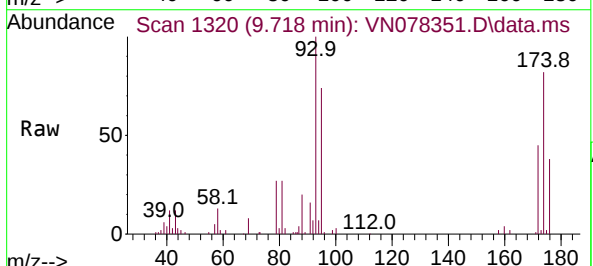
Tgt Ion: 93 Resp: 72863

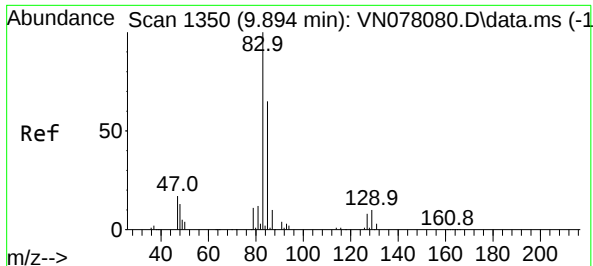
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

174 88.7 65.6 98.4





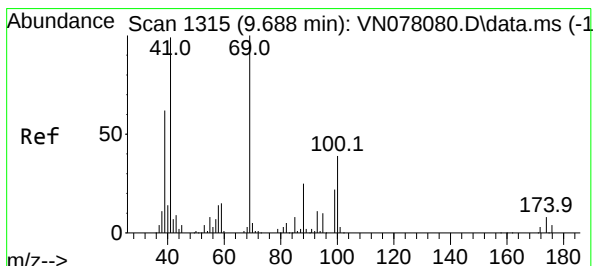
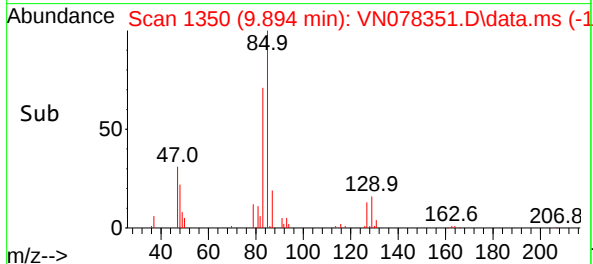
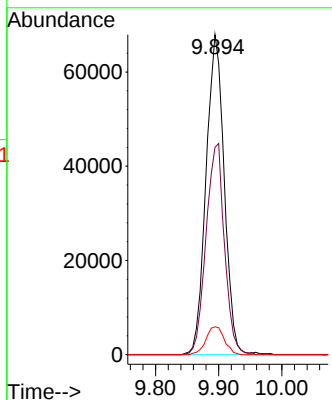
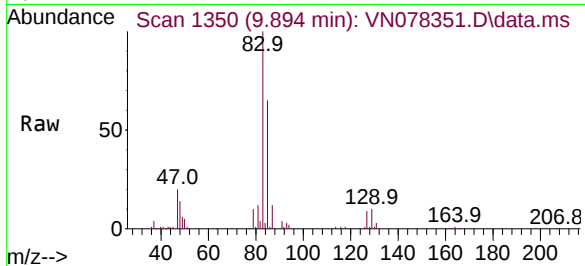
#47
Bromodichloromethane
Concen: 19.130 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 83 Resp: 135902
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4
127 8.7 7.0 10.6

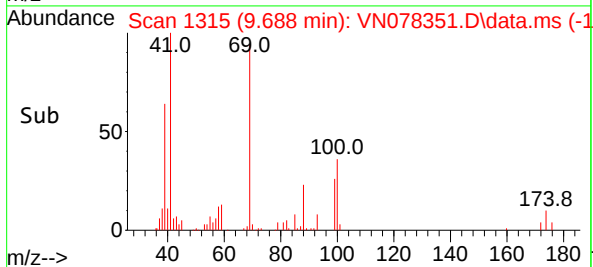
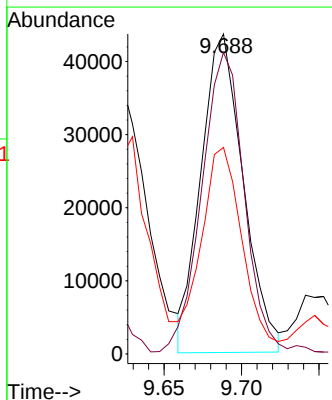
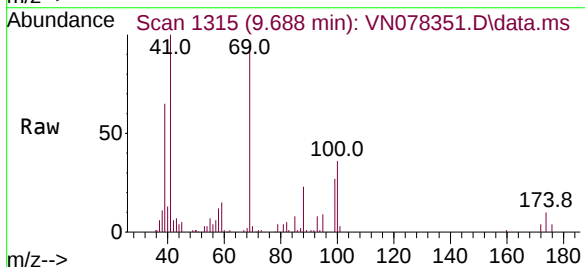
Manual Integrations
APPROVED

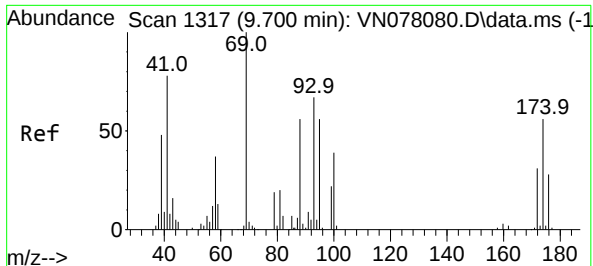
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#48
Methyl methacrylate
Concen: 18.844 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion: 41 Resp: 82591
Ion Ratio Lower Upper
41 100
69 97.1 90.4 135.6
39 63.0 54.6 81.8





#49

1,4-Dioxane

Concen: 353.024 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion: 88 Resp: 32520

Ion Ratio Lower Upper

88 100

43 22.6 17.0 25.6

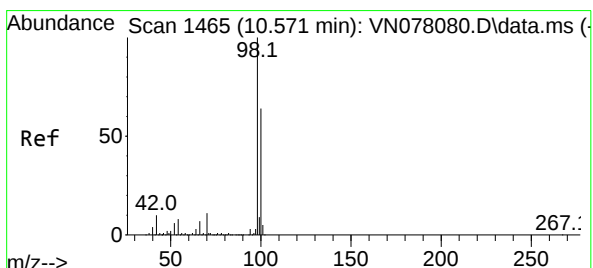
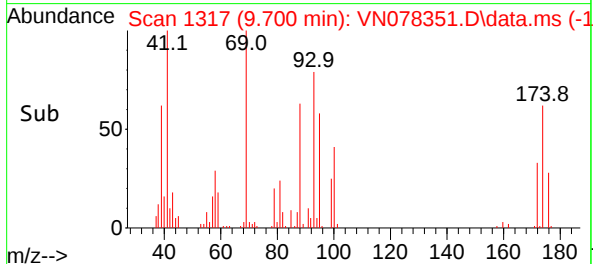
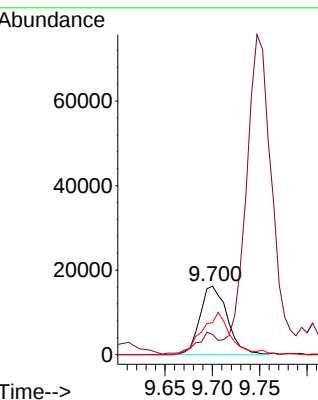
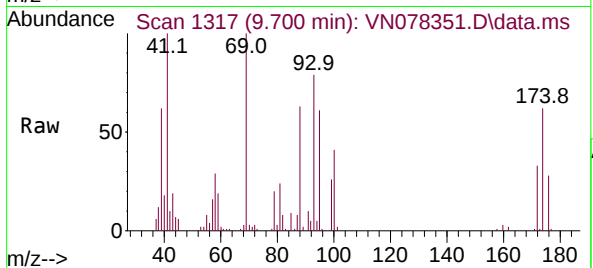
58 64.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#50

Toluene-d8

Concen: 49.120 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078351.D

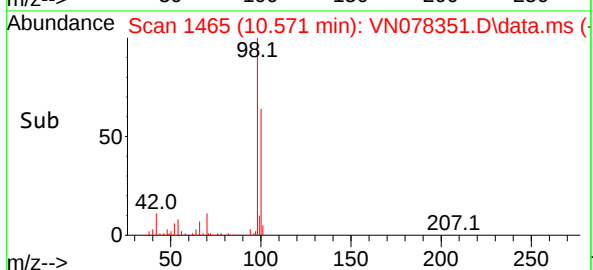
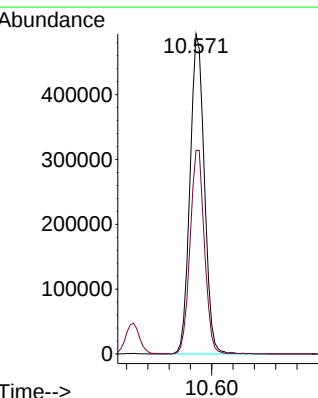
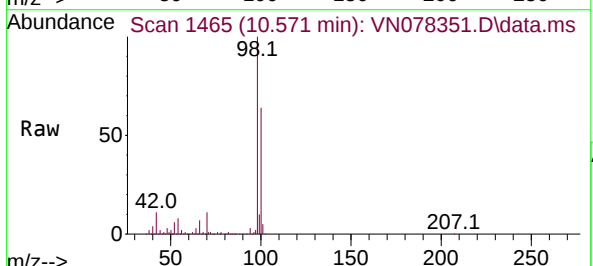
Acq: 22 Jun 2023 15:40

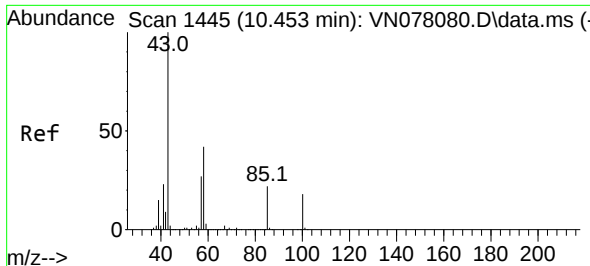
Tgt Ion: 98 Resp: 922867

Ion Ratio Lower Upper

98 100

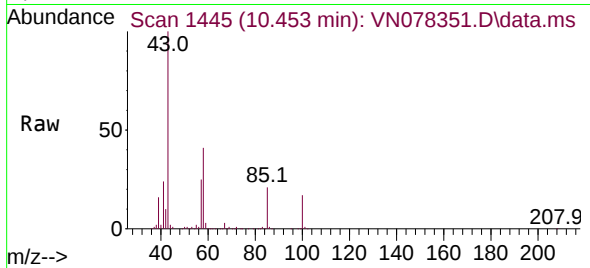
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 93.637 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

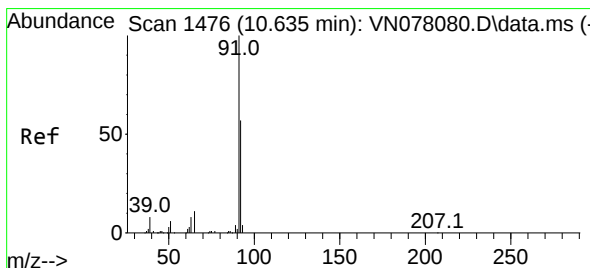
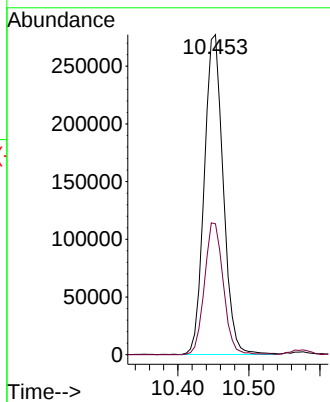
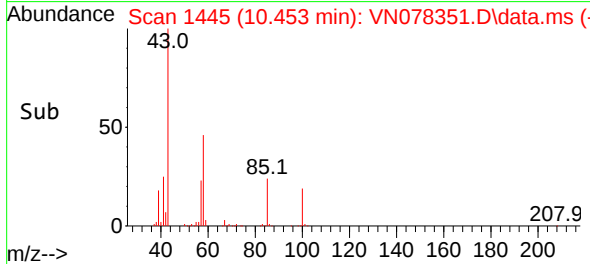
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion: 43 Resp: 514970
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

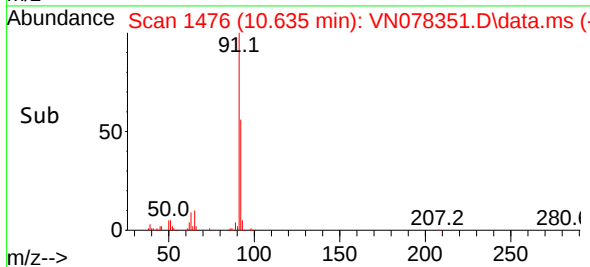
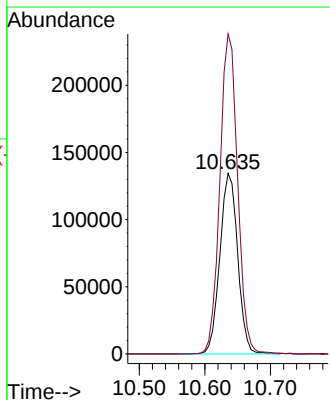
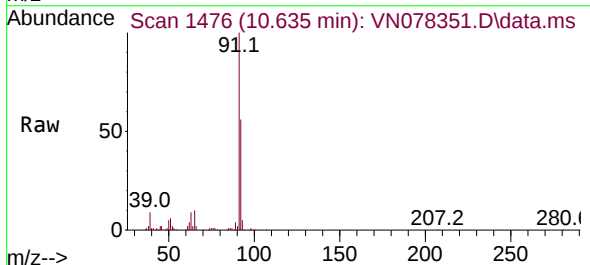
Manual Integrations
APPROVED

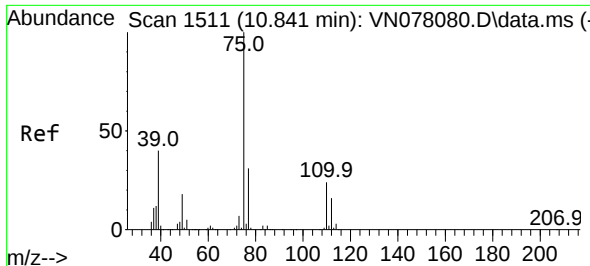
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#52
Toluene
Concen: 19.218 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion: 92 Resp: 253232
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0





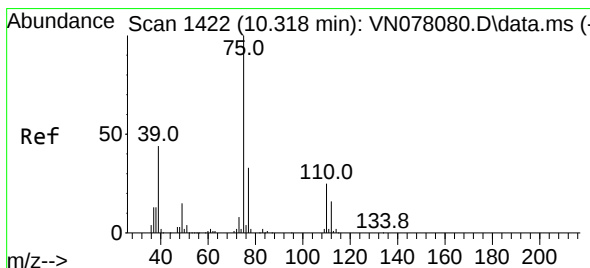
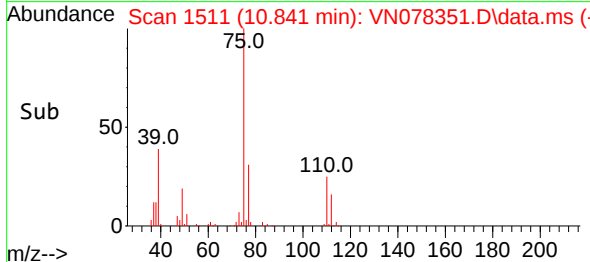
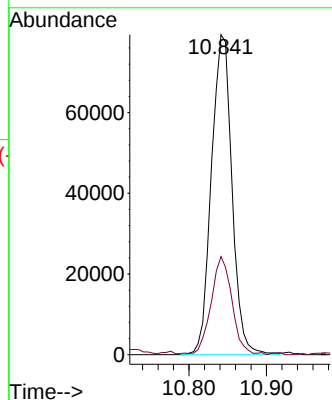
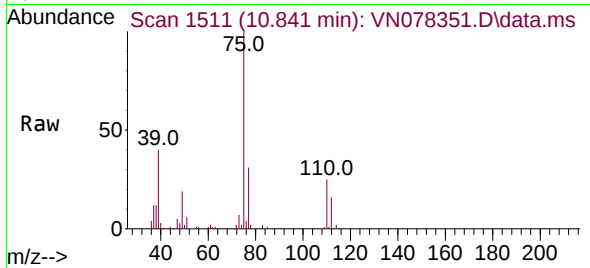
#53
t-1,3-Dichloropropene
Concen: 19.759 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 75 Resp: 14619
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

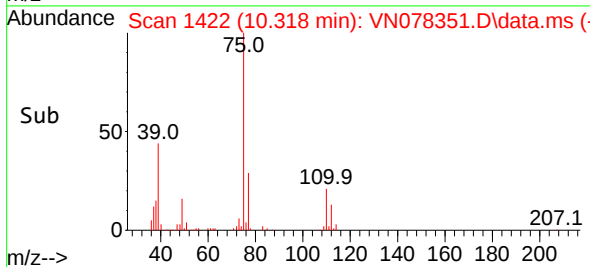
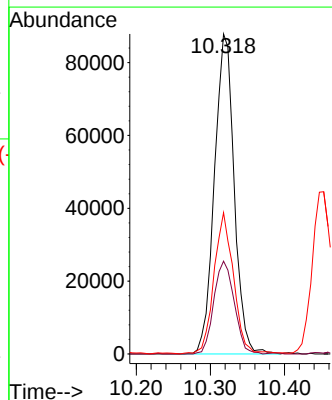
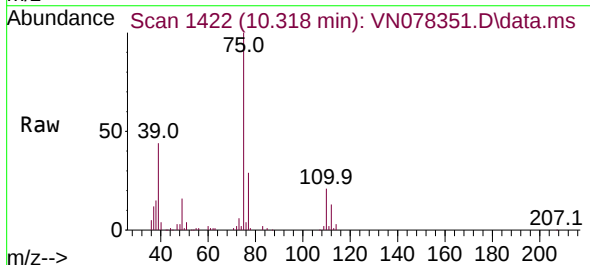
Manual Integrations
APPROVED

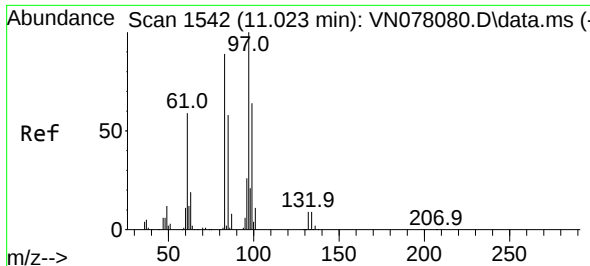
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#54
cis-1,3-Dichloropropene
Concen: 19.884 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

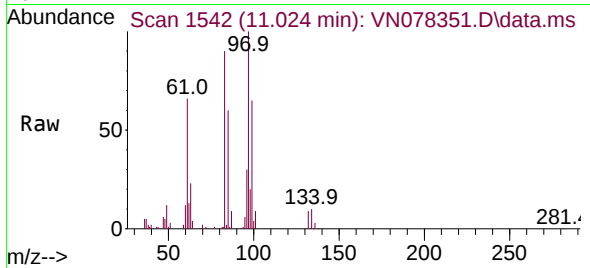
Tgt Ion: 75 Resp: 162627
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1
39 44.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.517 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

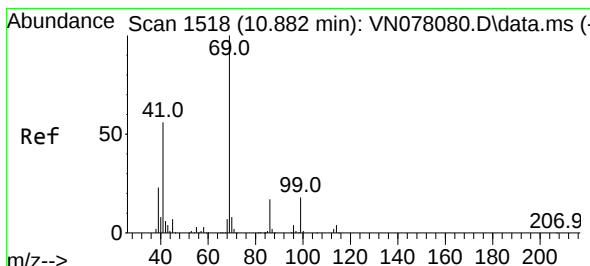
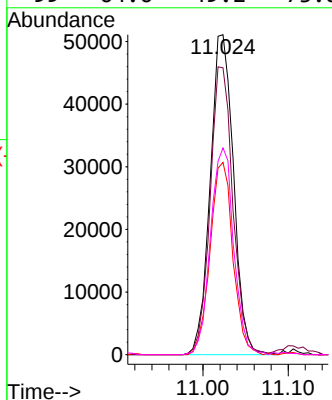
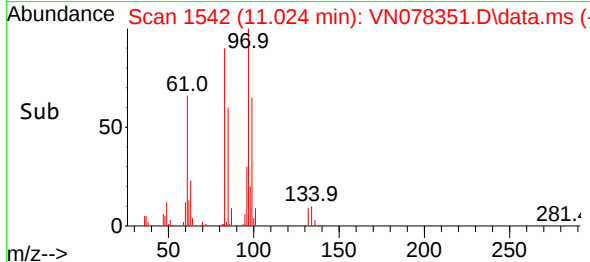
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



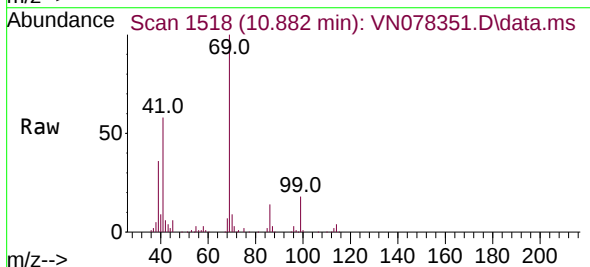
Tgt Ion:	97	Resp:	9728
Ion Ratio	100	Lower	Upper
97	100		
83	89.7	65.1	97.7
85	60.1	43.4	65.2
99	64.6	49.2	73.8

Manual Integrations
APPROVED

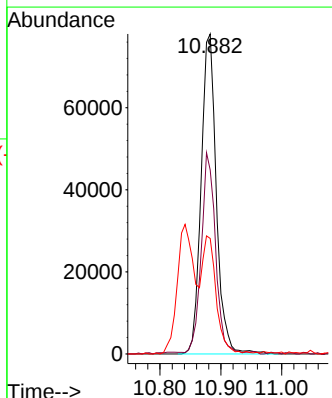
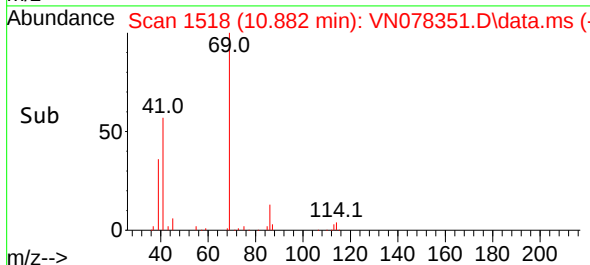
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

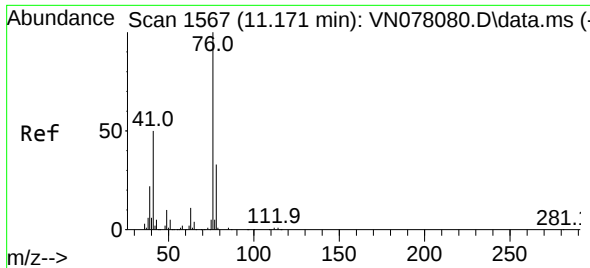


#56
Ethyl methacrylate
Concen: 18.713 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



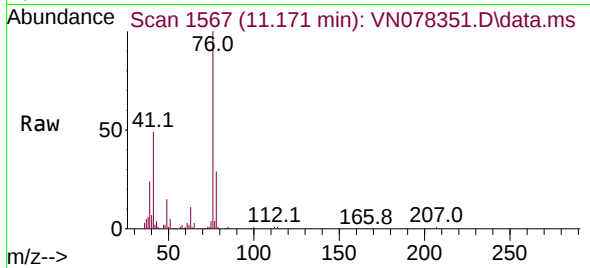
Tgt Ion:	69	Resp:	135814
Ion Ratio	100	Lower	Upper
69	100		
41	57.5	39.6	59.4
39	32.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.924 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

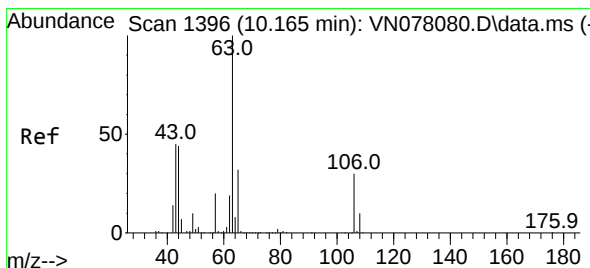
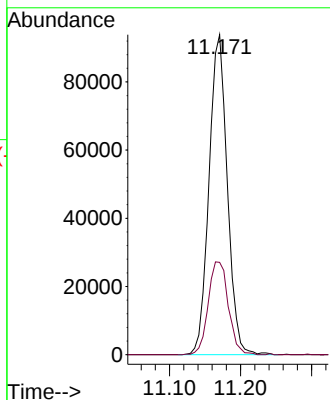
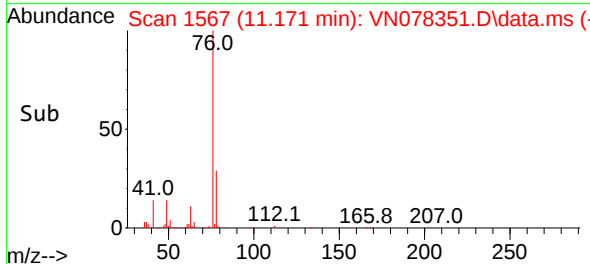
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



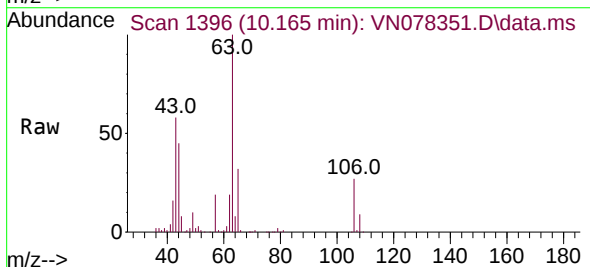
Tgt Ion: 76 Resp: 167630
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations
APPROVED

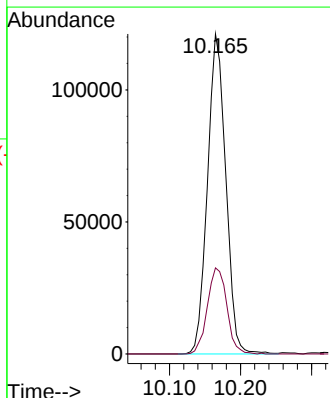
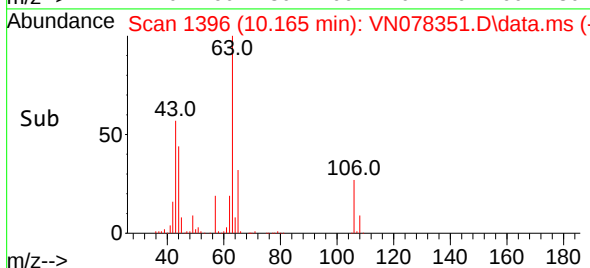
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

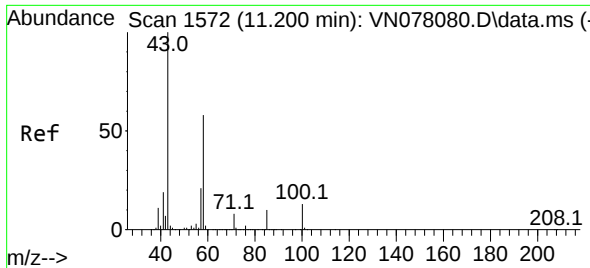


#58
2-Chloroethyl Vinyl ether
Concen: 74.060 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



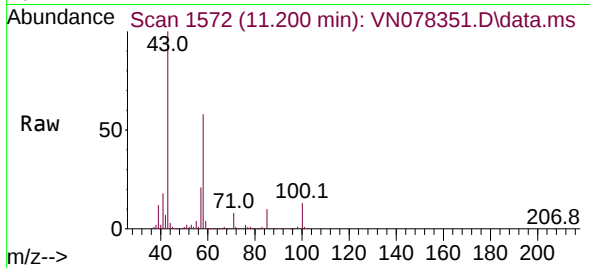
Tgt Ion: 63 Resp: 217142
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 91.966 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

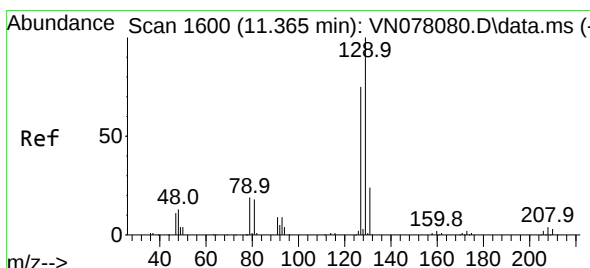
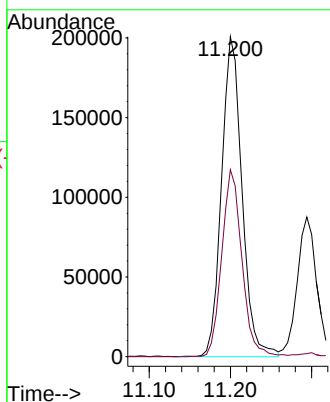
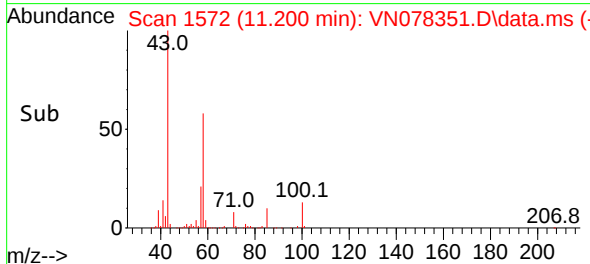
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion: 43 Resp: 352174
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

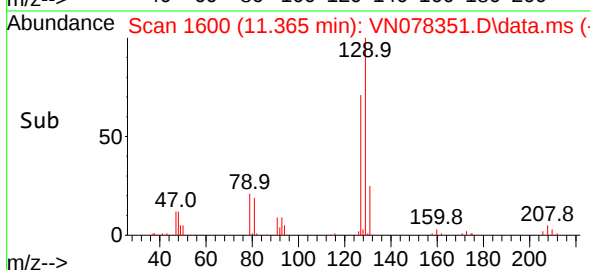
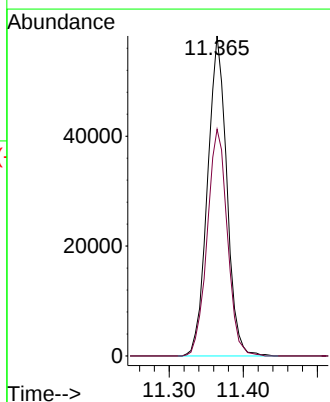
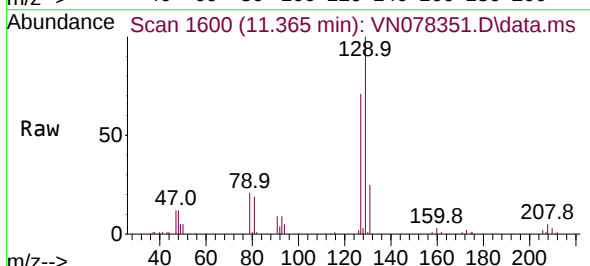
Manual Integrations
APPROVED

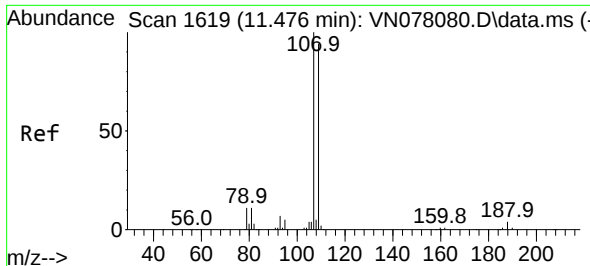
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#60
Dibromochloromethane
Concen: 19.256 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion:129 Resp: 105029
Ion Ratio Lower Upper
129 100
127 74.0 38.6 116.0





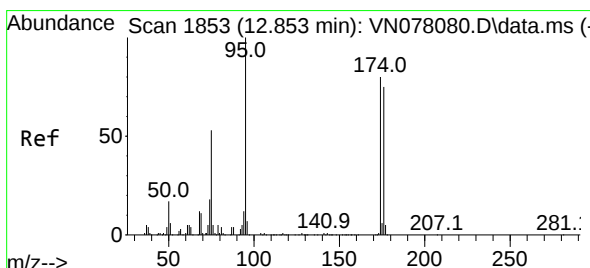
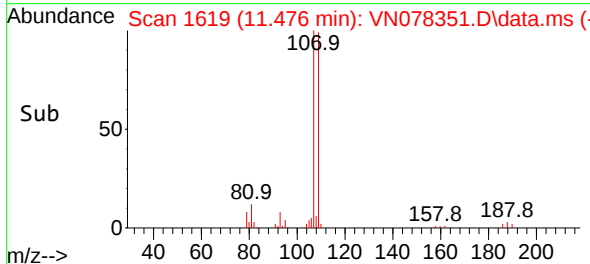
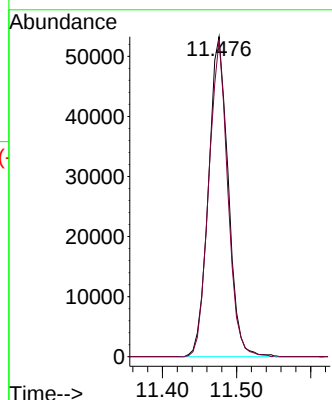
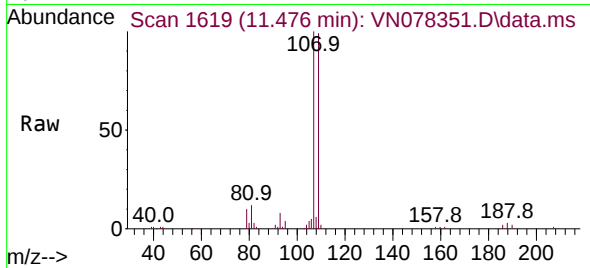
#61
1,2-Dibromoethane
Concen: 18.830 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion:107 Resp: 9849
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8

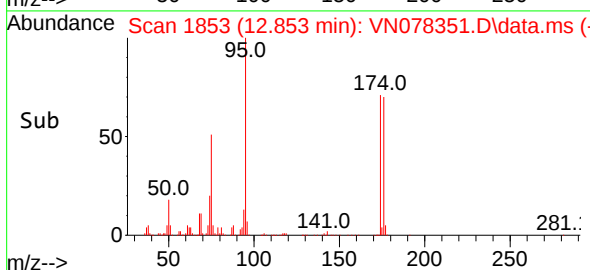
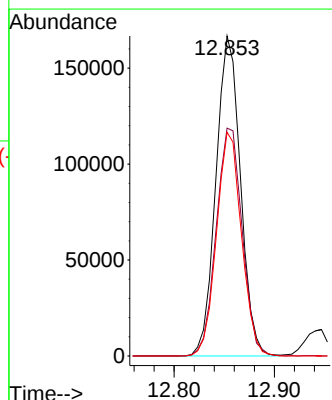
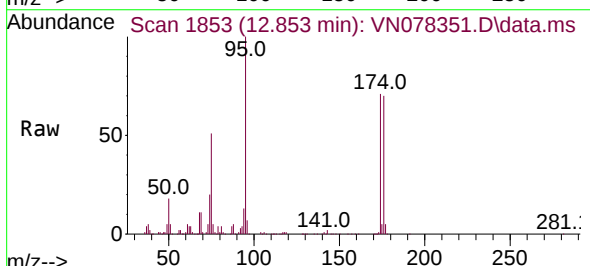
Manual Integrations
APPROVED

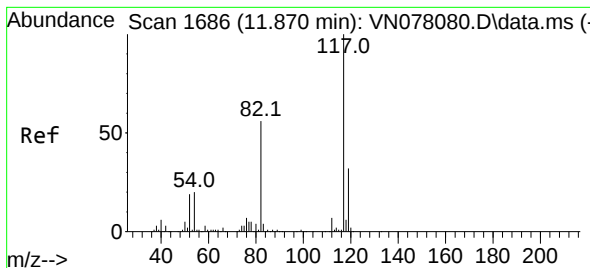
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#62
4-Bromofluorobenzene
Concen: 48.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

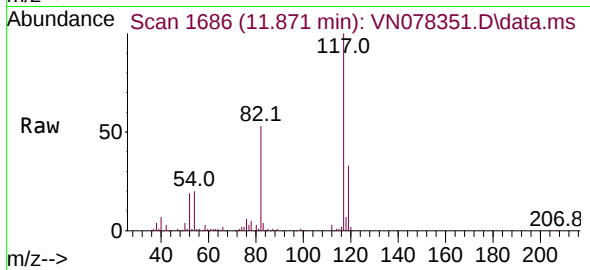
Tgt Ion: 95 Resp: 283185
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

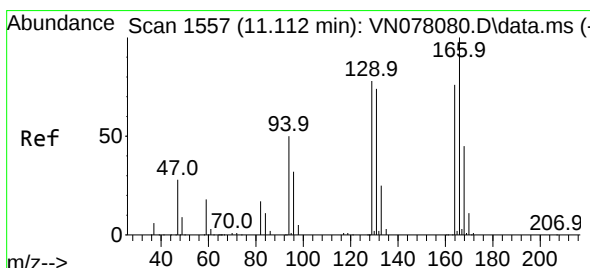
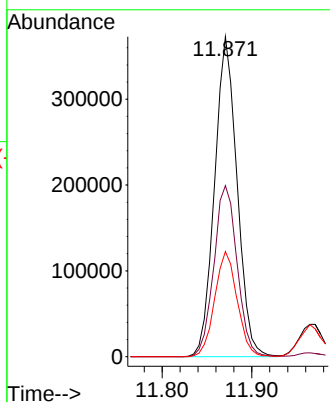
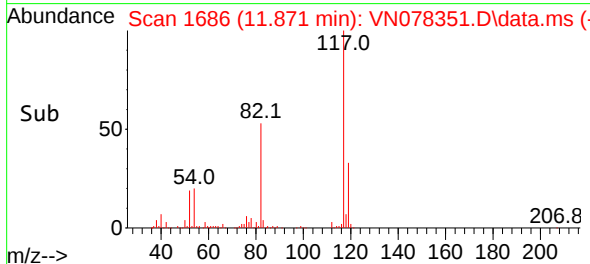
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion:117 Resp: 649108
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 32.9 25.6 38.4

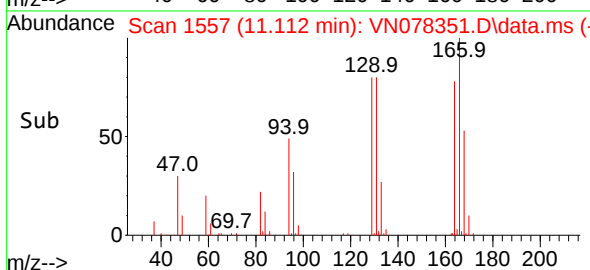
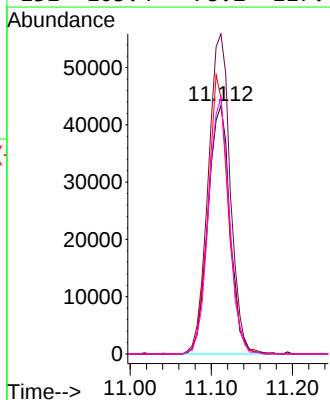
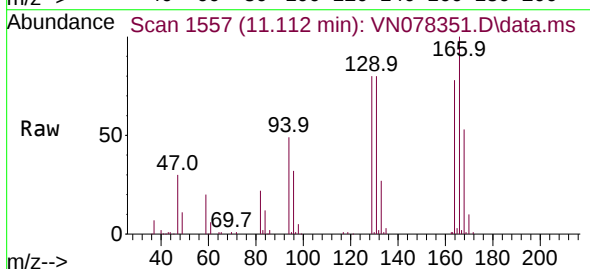
Manual Integrations
APPROVED

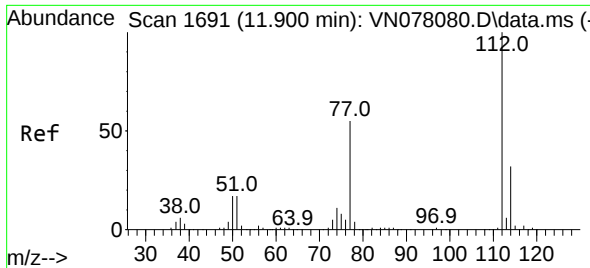
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#64
Tetrachloroethene
Concen: 18.791 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion:164 Resp: 81374
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.0
129 103.2 82.4 123.6
131 103.4 78.2 117.4





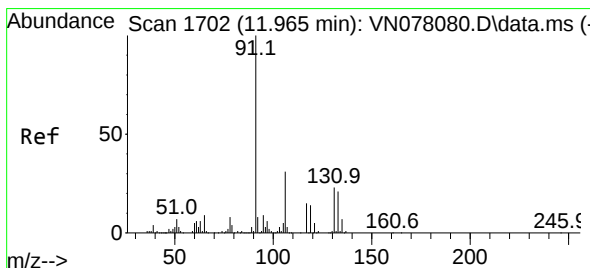
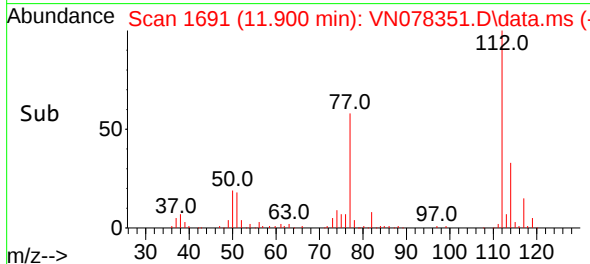
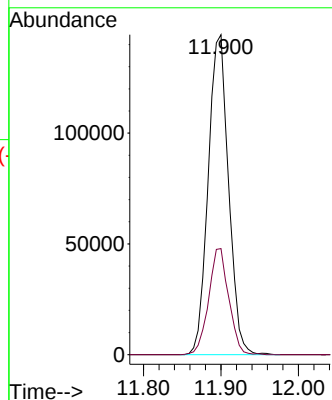
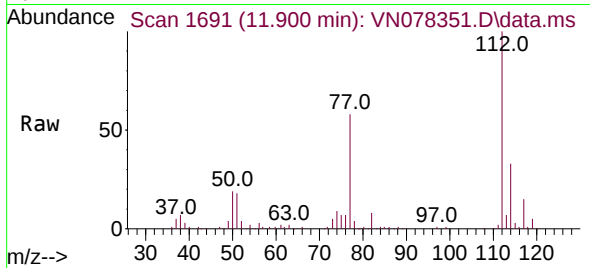
#65
Chlorobenzene
Concen: 18.933 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion:112 Resp: 263189
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

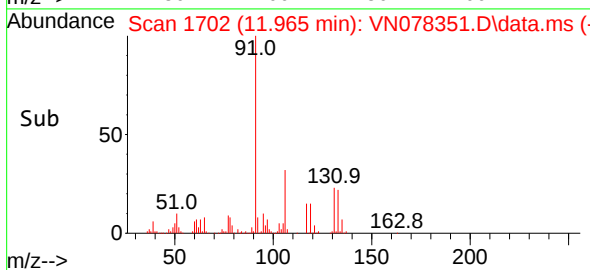
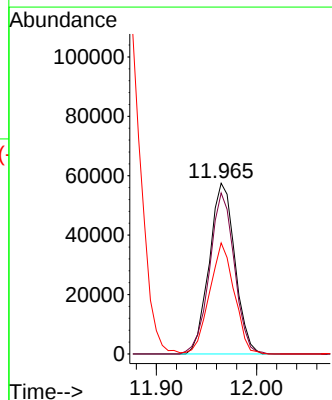
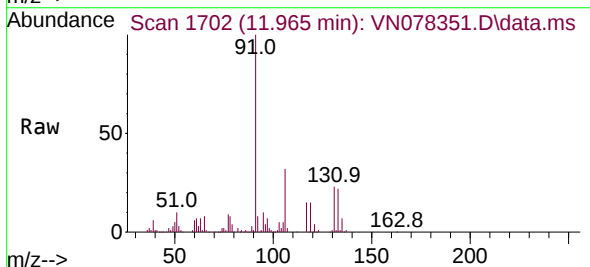
Manual Integrations
APPROVED

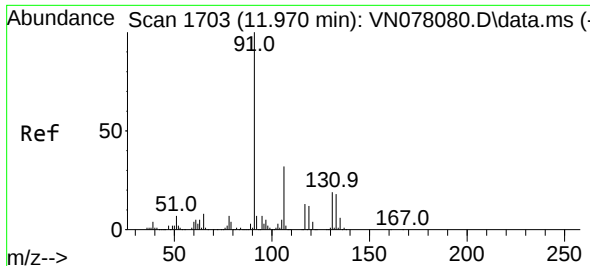
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.973 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

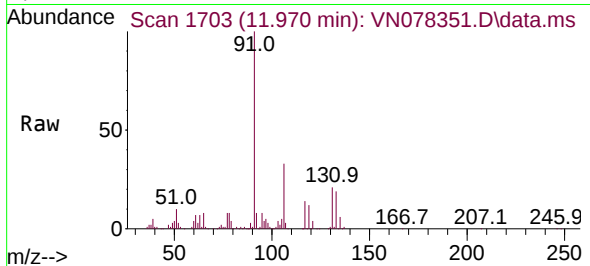
Tgt Ion:131 Resp: 102118
Ion Ratio Lower Upper
131 100
133 91.2 46.4 139.1
119 62.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.638 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

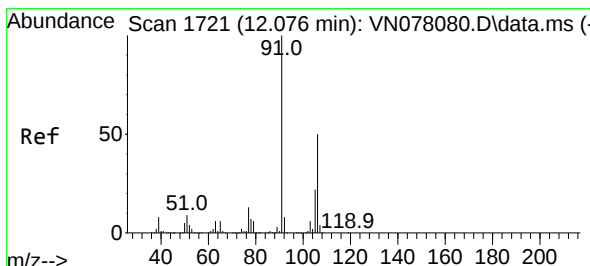
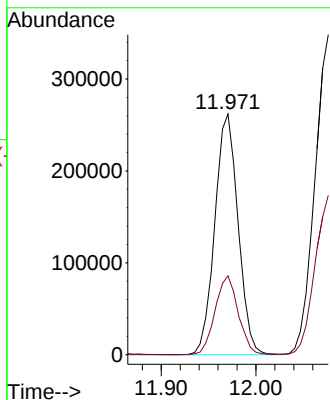
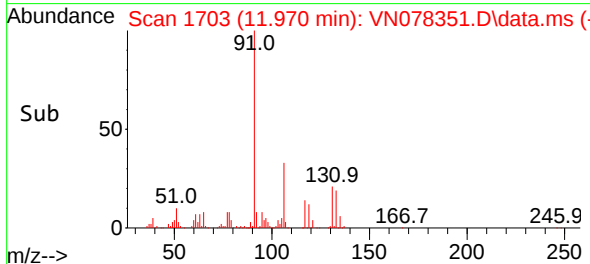
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



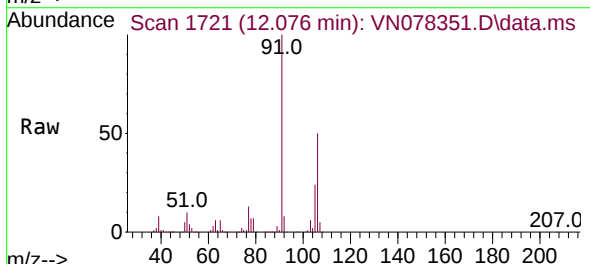
Tgt Ion: 91 Resp: 447040
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4

Manual Integrations
APPROVED

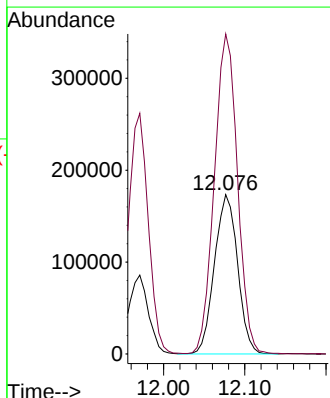
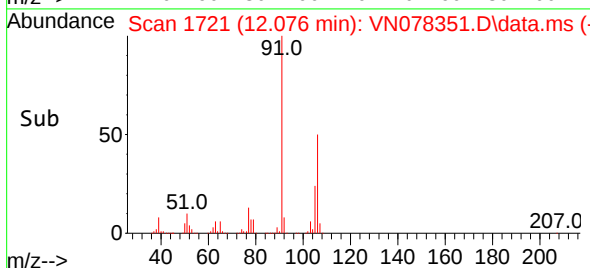
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

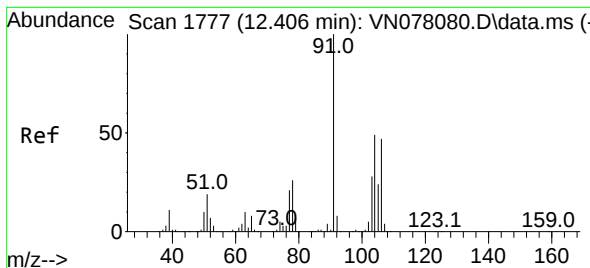


#68
m/p-Xylenes
Concen: 37.621 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion:106 Resp: 343901
Ion Ratio Lower Upper
106 100
91 200.5 159.6 239.4





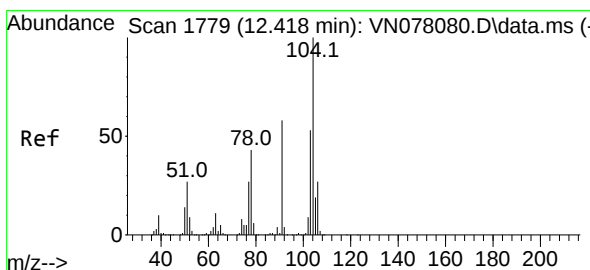
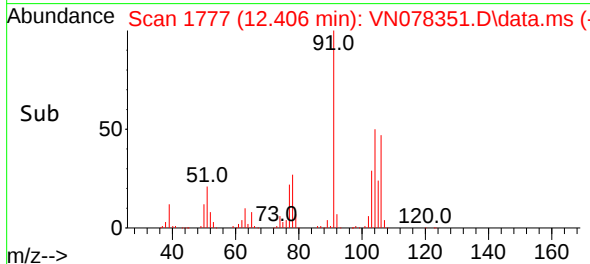
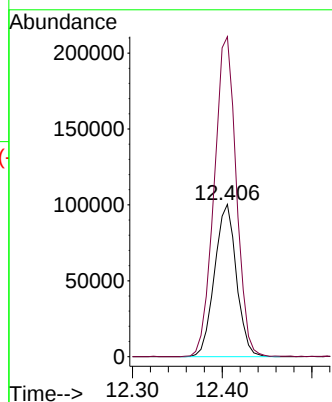
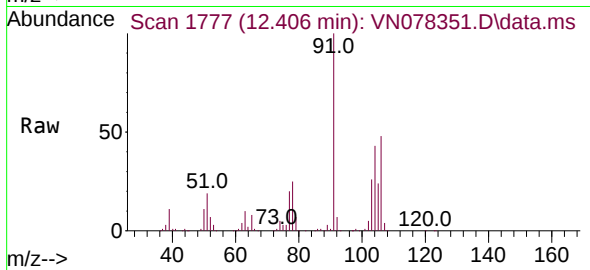
#69
o-Xylene
Concen: 18.894 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion:106 Resp: 169600
Ion Ratio Lower Upper
106 100
91 213.0 105.2 315.5

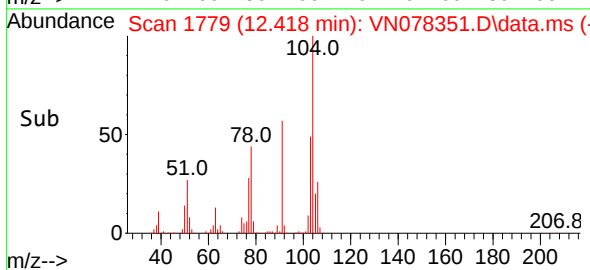
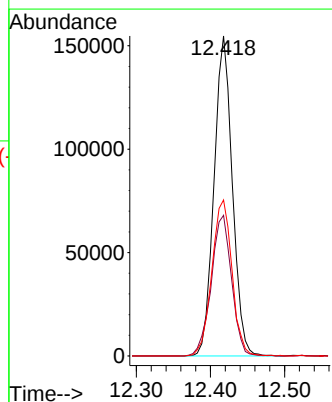
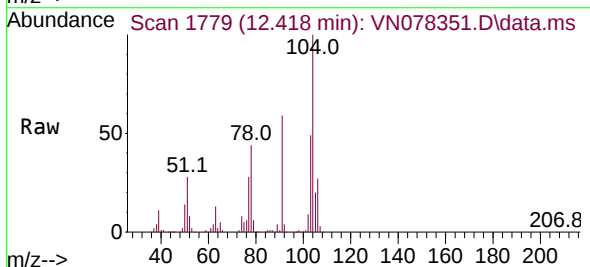
Manual Integrations
APPROVED

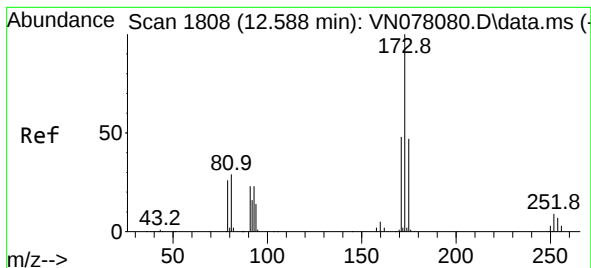
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#70
Styrene
Concen: 18.804 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion:104 Resp: 265735
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 53.6 43.2 64.8





#71

Bromoform

Concen: 18.582 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

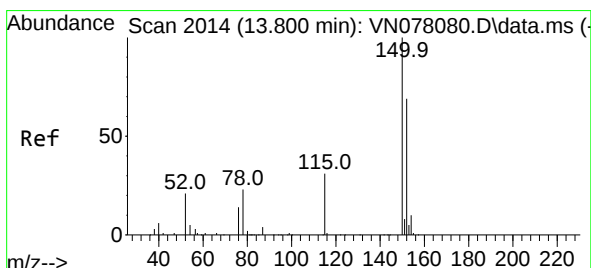
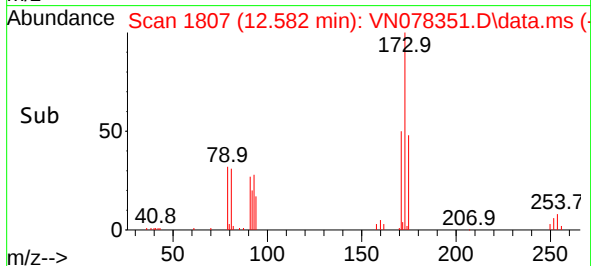
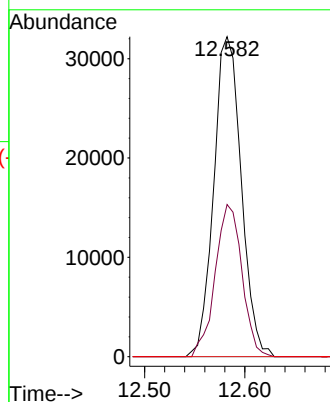
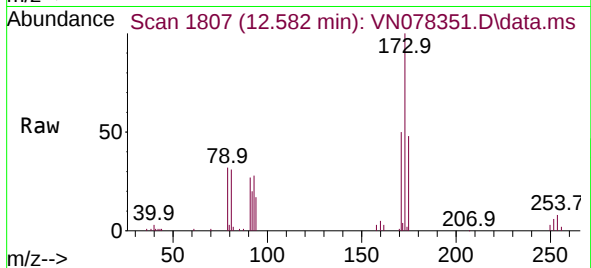
Tgt Ion:173 Resp: 61310
 Ion Ratio Lower Upper
 173 100
 175 46.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

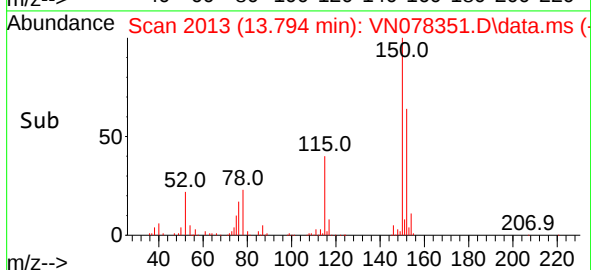
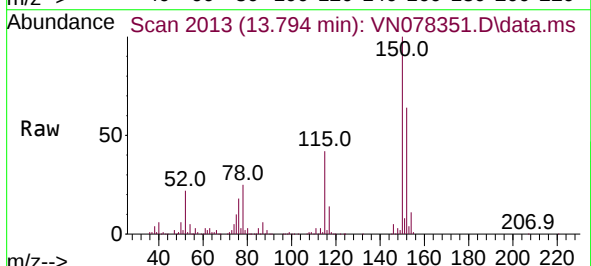
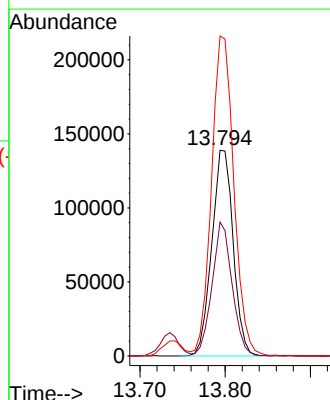
RT: 13.794 min Scan# 2013

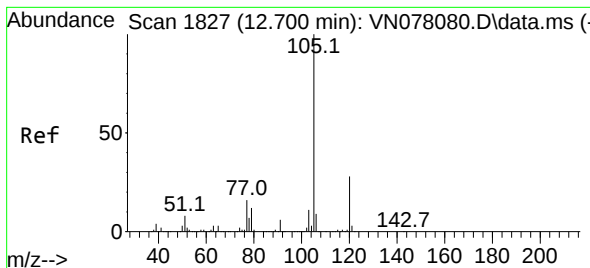
Delta R.T. -0.006 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Tgt Ion:152 Resp: 242123
 Ion Ratio Lower Upper
 152 100
 115 61.2 32.3 96.8
 150 162.4 0.0 355.8





#73

Isopropylbenzene

Concen: 17.763 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion:105 Resp: 406692

Ion Ratio Lower Upper

105 100

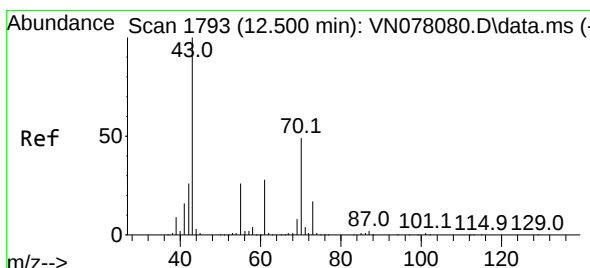
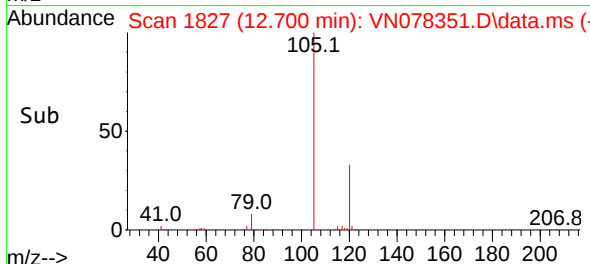
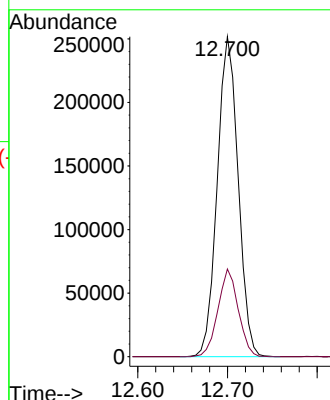
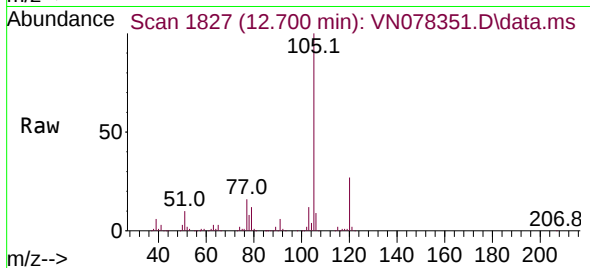
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#74

N-ethyl acetate

Concen: 17.213 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Tgt Ion: 43 Resp: 129780

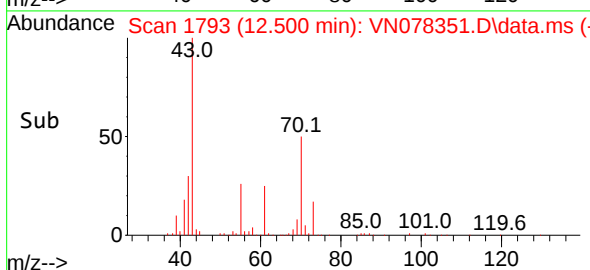
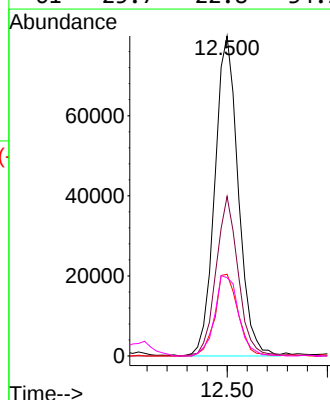
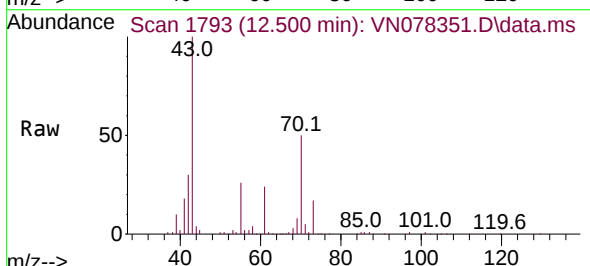
Ion Ratio Lower Upper

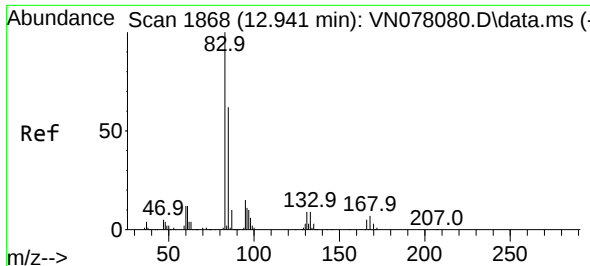
43 100

70 47.2 43.4 65.2

55 25.2 21.4 32.0

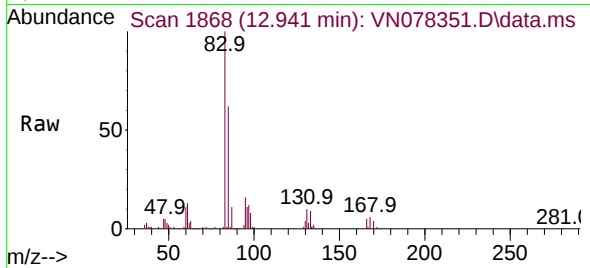
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.295 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

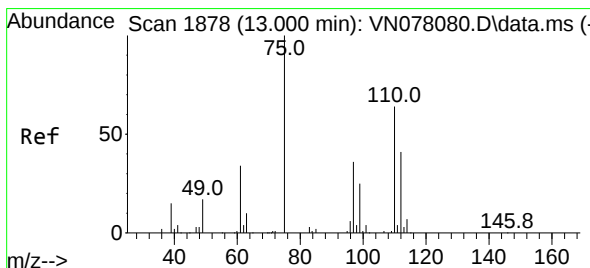
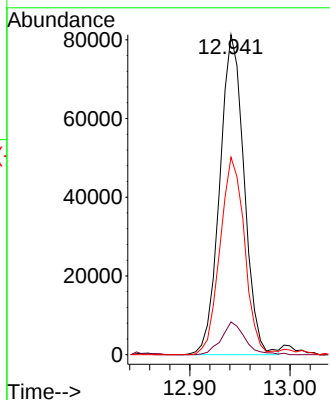
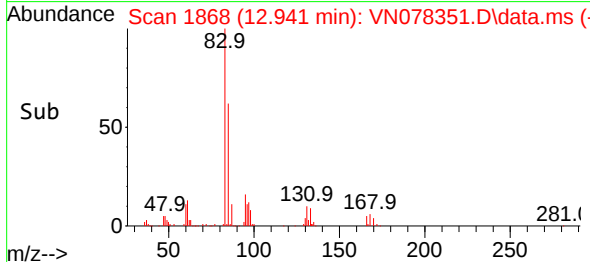
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



Tgt Ion: 83 Resp: 136960
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 62.3 31.9 95.7

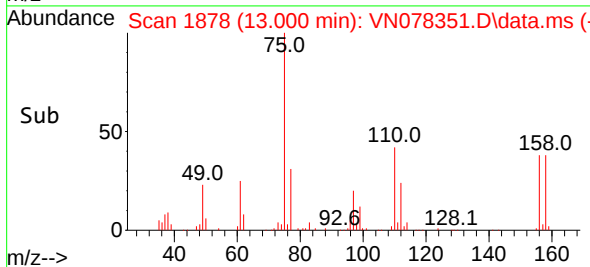
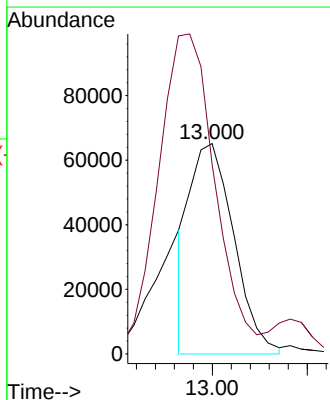
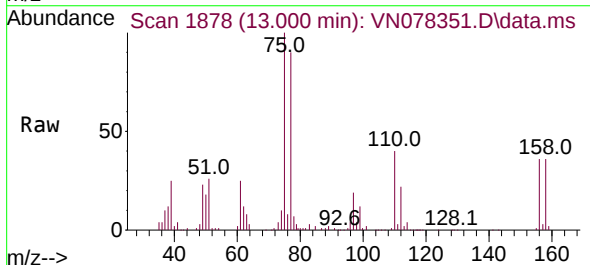
Manual Integrations
APPROVED

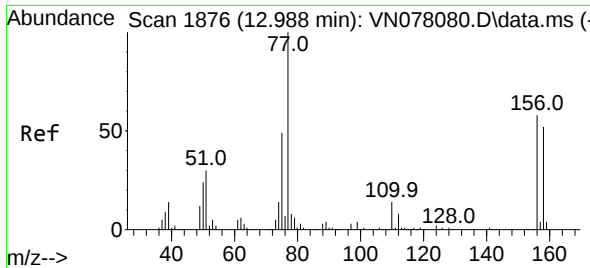
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#76
1,2,3-Trichloropropane
Concen: 18.439 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

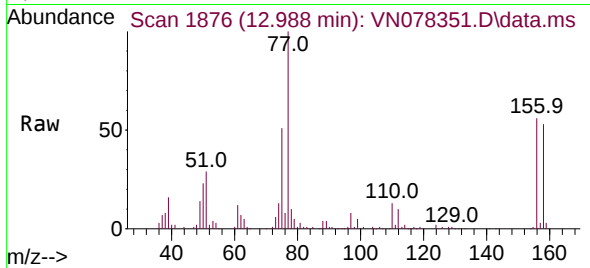
Tgt Ion: 75 Resp: 105541
Ion Ratio Lower Upper
75 100
77 195.9 84.5 253.5





#77
Bromobenzene
Concen: 18.129 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

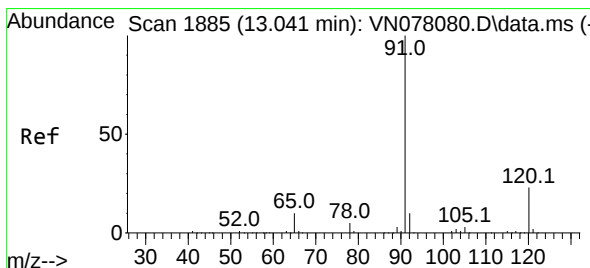
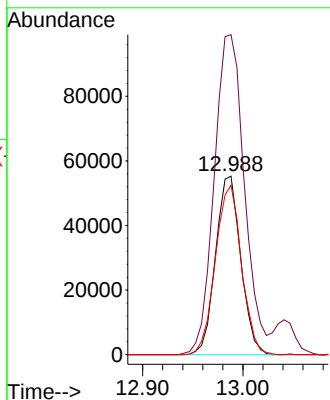
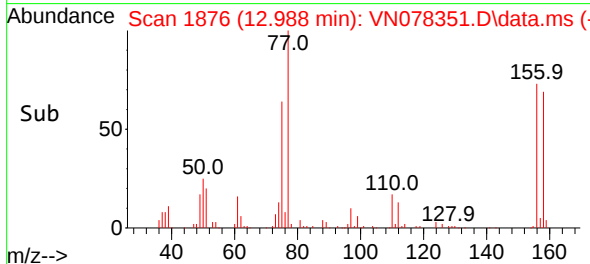
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



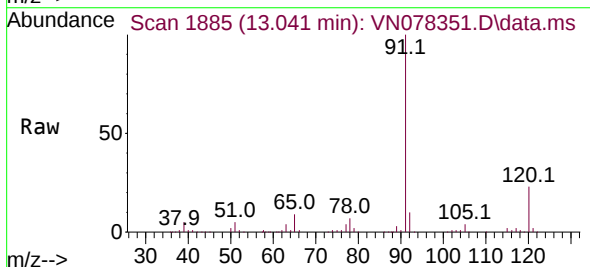
Tgt Ion:156 Resp: 9635
Ion Ratio Lower Upper
156 100
77 214.6 107.7 323.3
158 98.4 48.4 145.3

Manual Integrations
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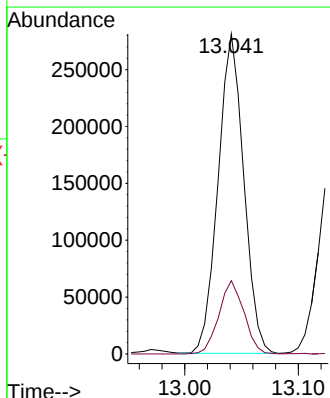
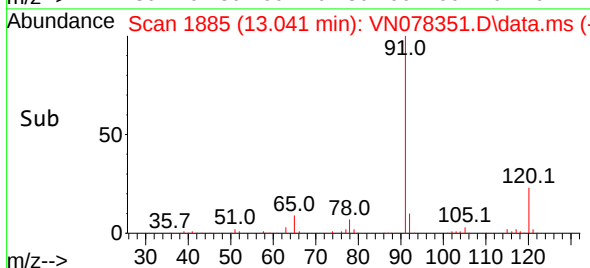
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

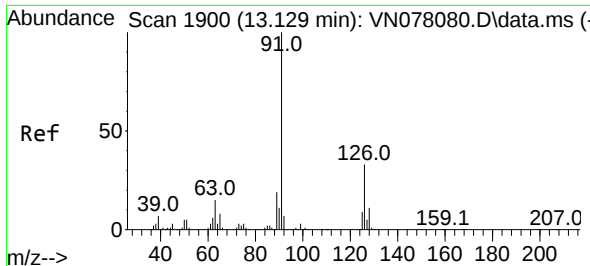


#78
n-propylbenzene
Concen: 17.702 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion: 91 Resp: 440349
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





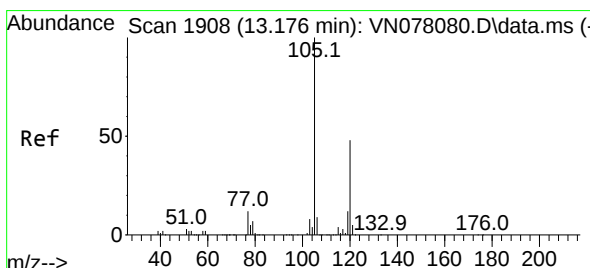
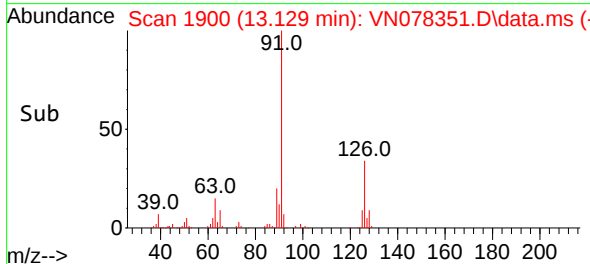
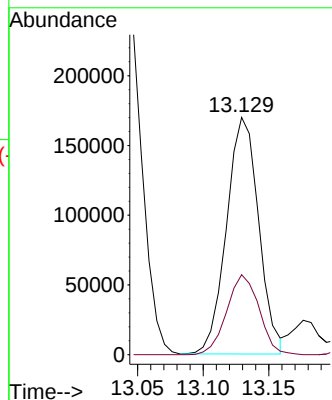
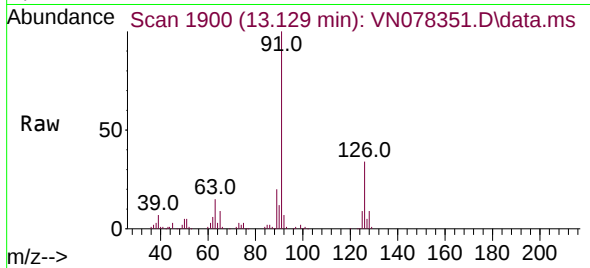
#79
2-Chlorotoluene
Concen: 18.042 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 91 Resp: 28970
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

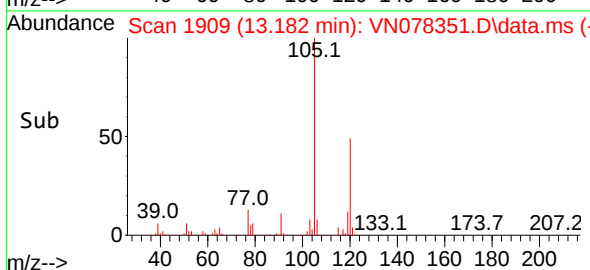
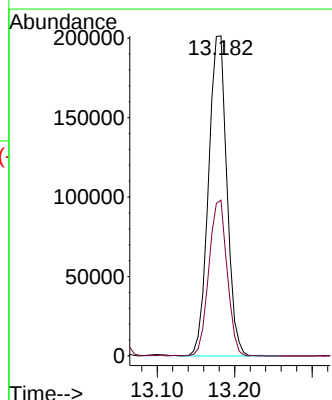
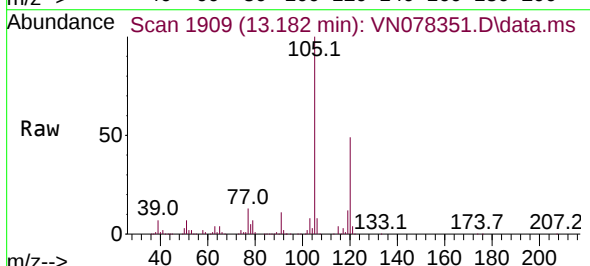
Manual Integrations
APPROVED

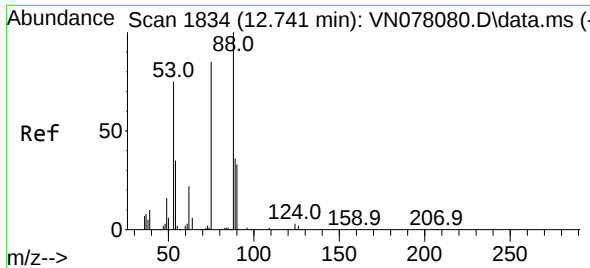
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.881 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

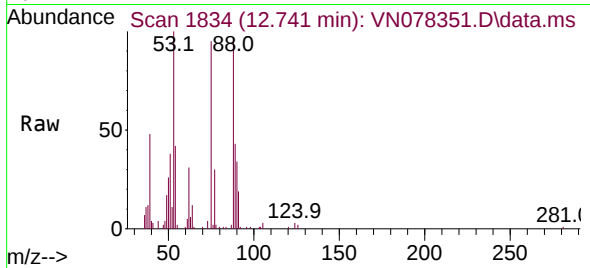
Tgt Ion:105 Resp: 331453
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.493 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

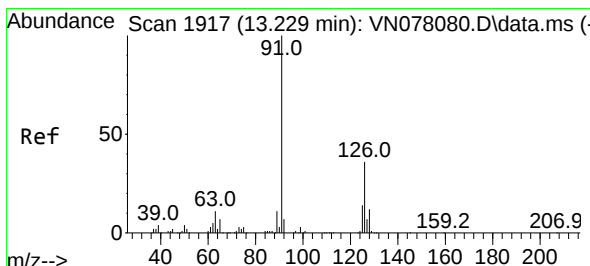
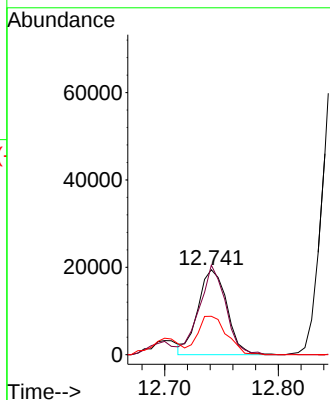
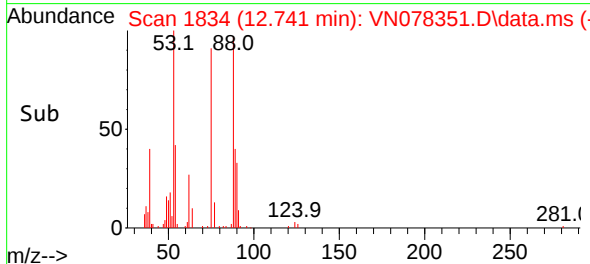
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



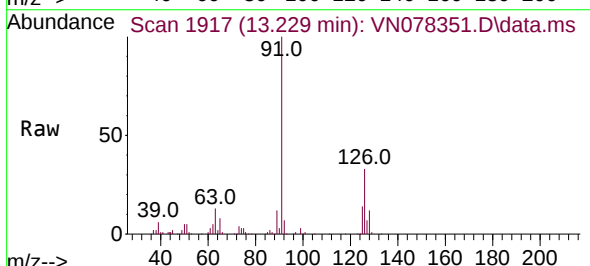
Tgt Ion: 75 Resp: 34454
Ion Ratio Lower Upper
75 100
53 95.2 67.4 101.2
89 45.2 38.8 58.2

Manual Integrations
APPROVED

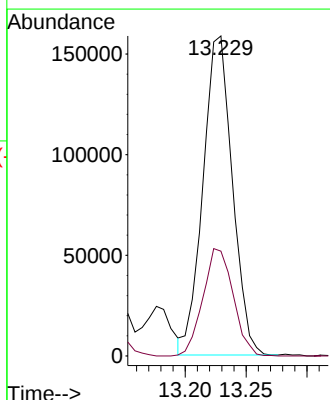
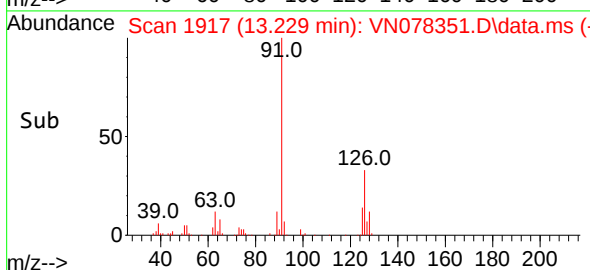
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

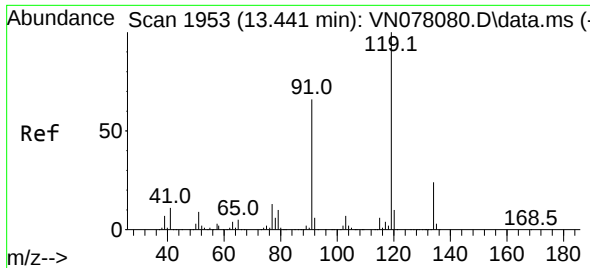


#82
4-Chlorotoluene
Concen: 17.753 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



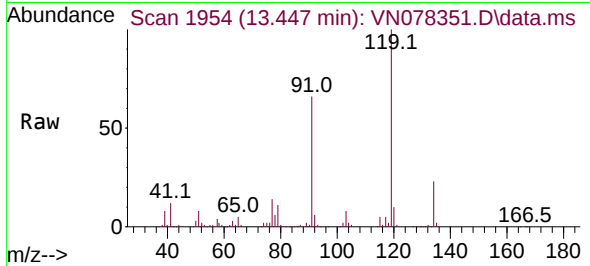
Tgt Ion: 91 Resp: 266050
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.854 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

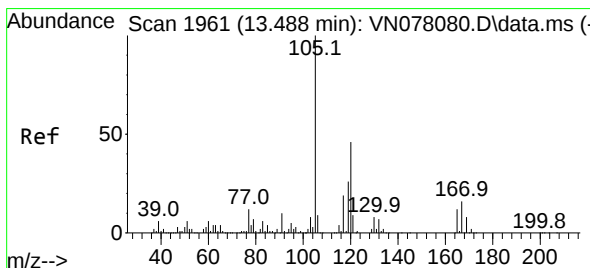
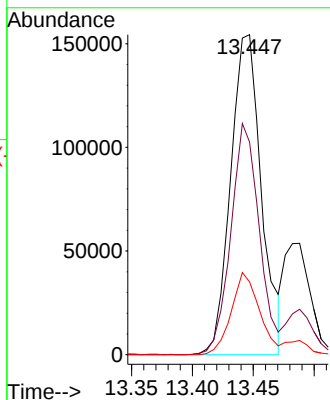
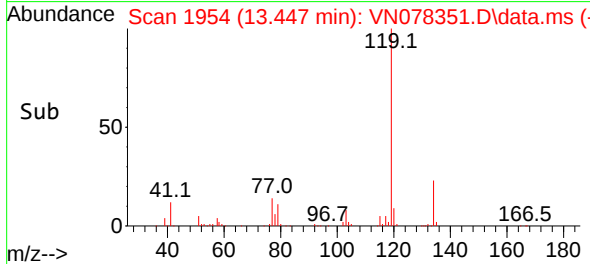
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



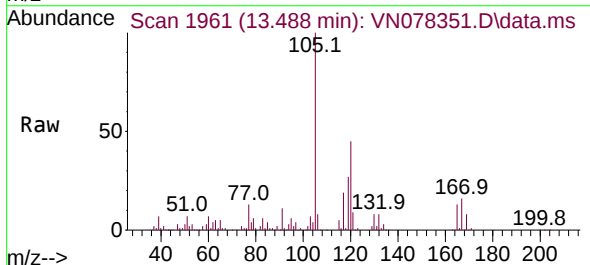
Tgt Ion:119 Resp: 271584
Ion Ratio Lower Upper
119 100
91 66.8 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
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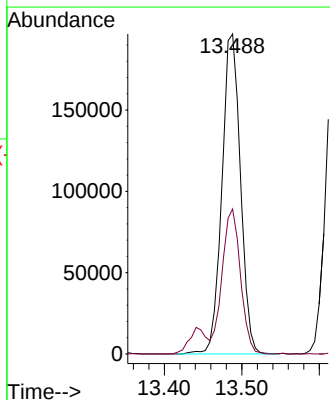
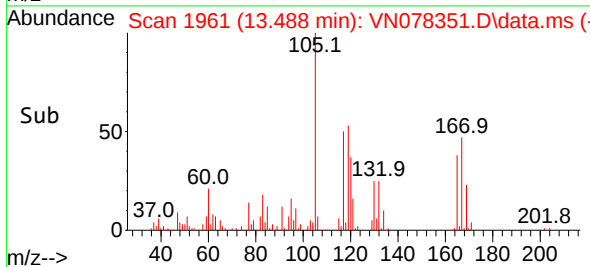
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

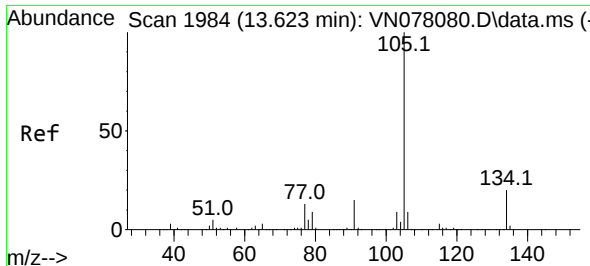


#84
1,2,4-Trimethylbenzene
Concen: 18.213 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion:105 Resp: 327315
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





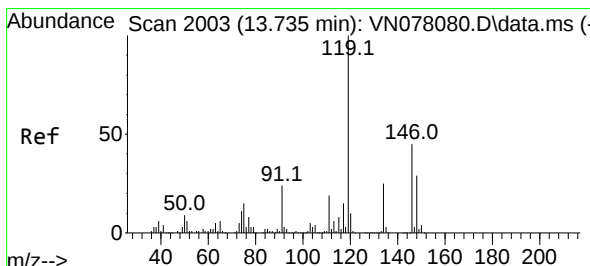
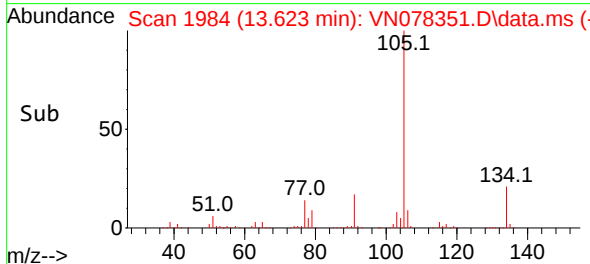
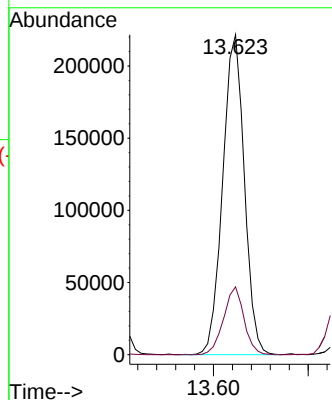
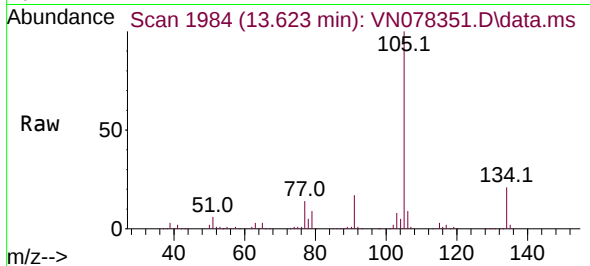
#85
 sec-Butylbenzene
 Concen: 16.657 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Tgt Ion:105 Resp: 351294
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

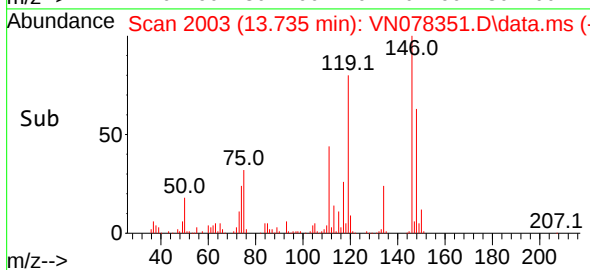
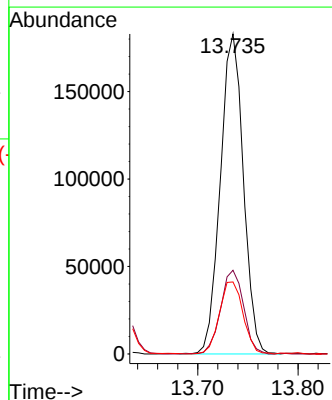
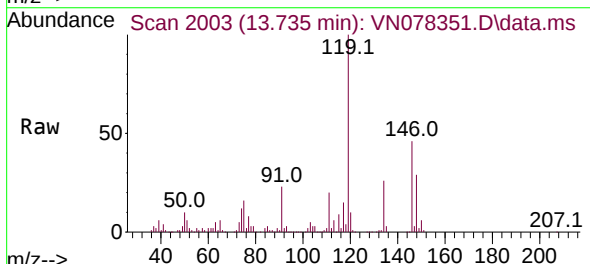
Manual Integrations
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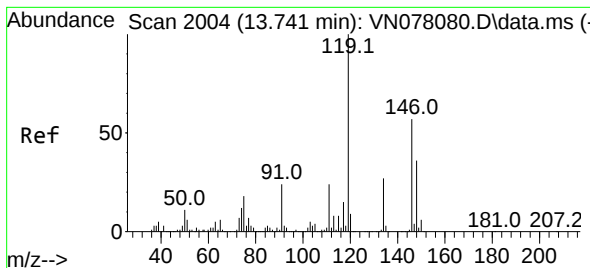
Reviewed By :John Carlone 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#86
 p-Isopropyltoluene
 Concen: 16.996 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078351.D
 Acq: 22 Jun 2023 15:40

Tgt Ion:119 Resp: 290881
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.943 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBSD01

Tgt Ion:146 Resp: 152320

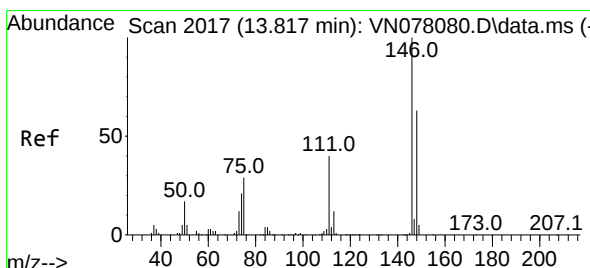
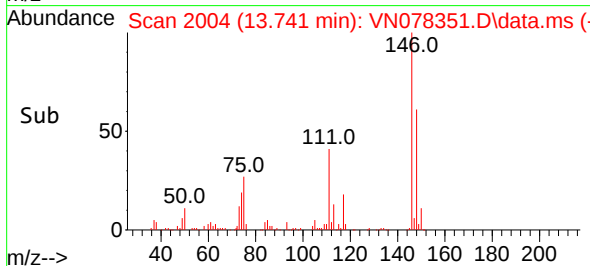
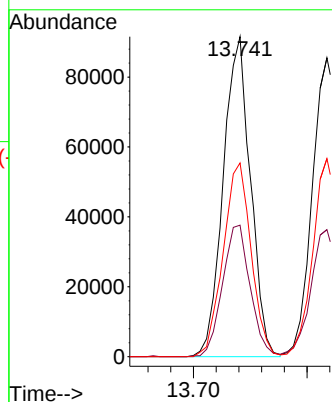
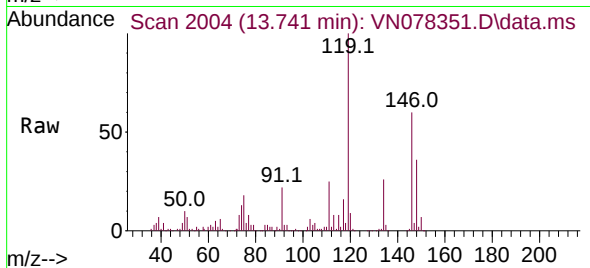
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.1	66.3
148	62.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#88

1,4-Dichlorobenzene

Concen: 17.308 ug/l

RT: 13.817 min Scan# 2017

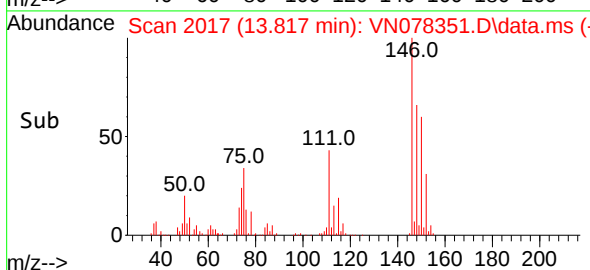
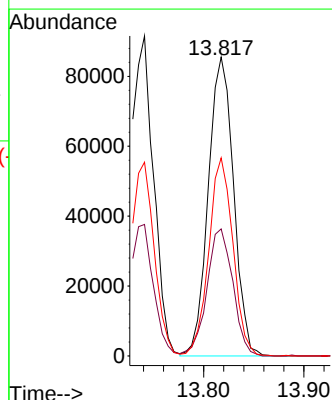
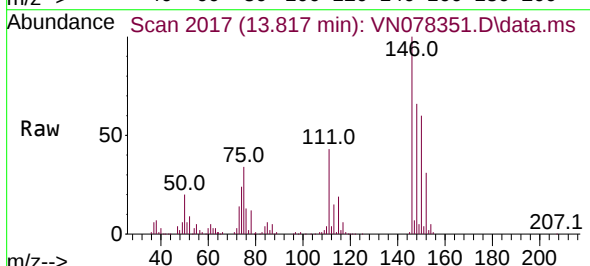
Delta R.T. 0.000 min

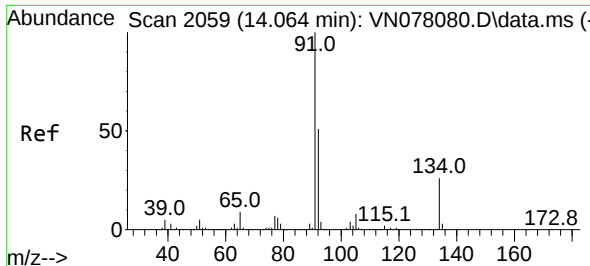
Lab File: VN078351.D

Acq: 22 Jun 2023 15:40

Tgt Ion:146 Resp: 150152

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.6	61.8
148	63.6	31.6	94.8





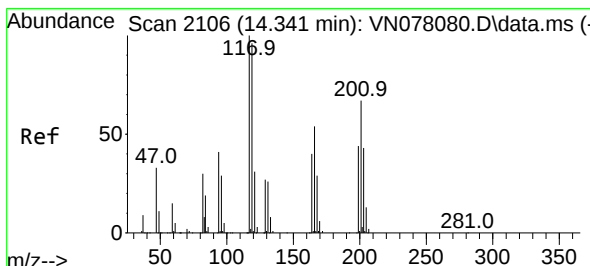
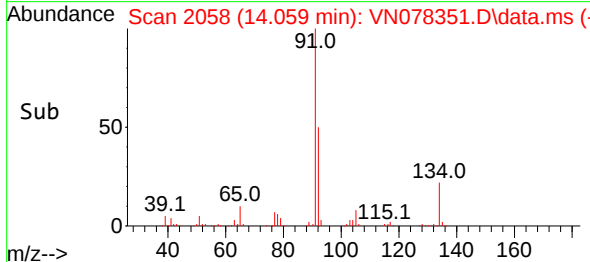
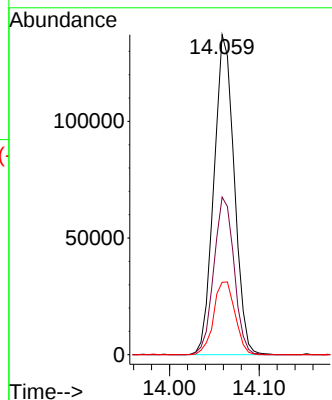
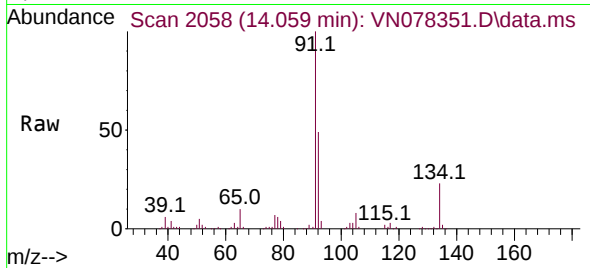
#89
n-Butylbenzene
Concen: 15.970 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion: 91 Resp: 21558
Ion Ratio Lower Upper
91 100
92 49.2 26.4 79.0
134 24.0 12.6 37.6

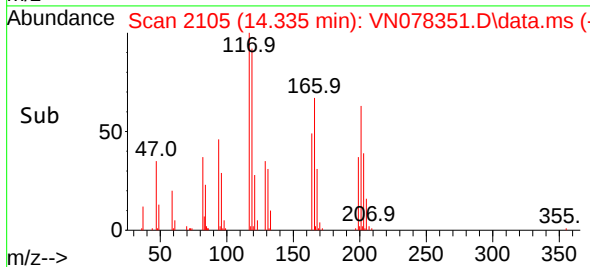
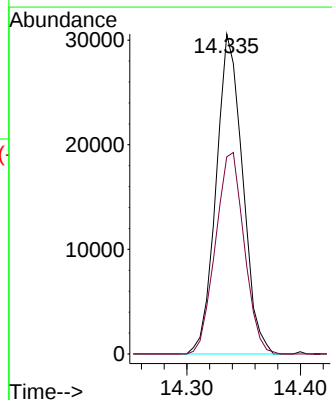
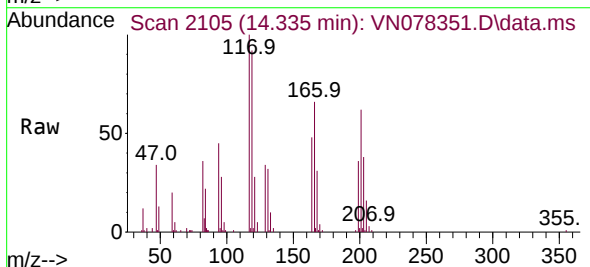
Manual Integrations
APPROVED

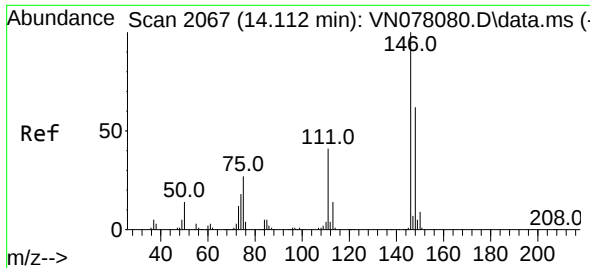
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#90
Hexachloroethane
Concen: 16.307 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Tgt Ion:117 Resp: 49528
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0





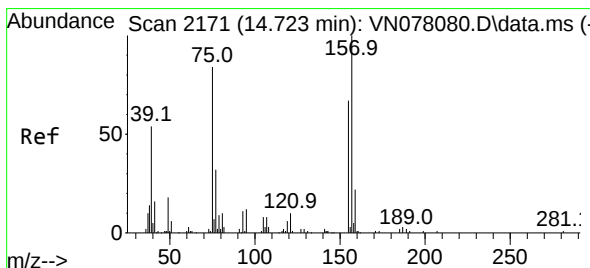
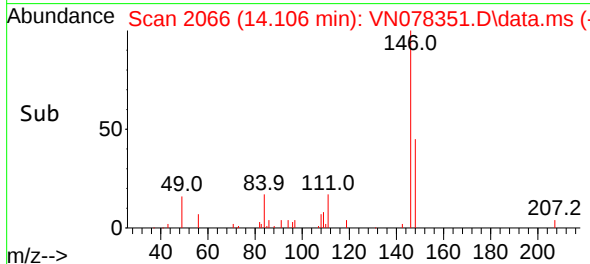
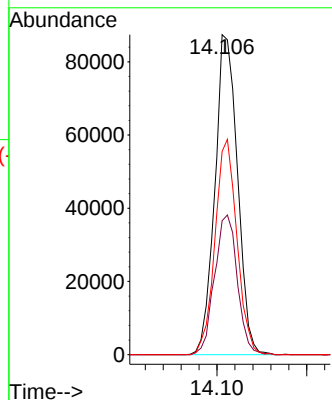
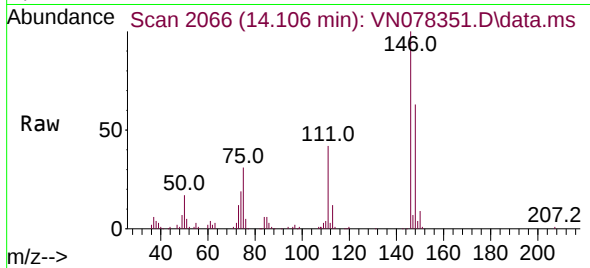
#91
1,2-Dichlorobenzene
Concen: 17.422 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01

Tgt Ion:146 Resp: 153080
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 65.2 31.8 95.3

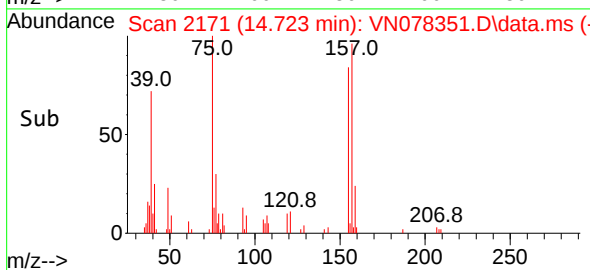
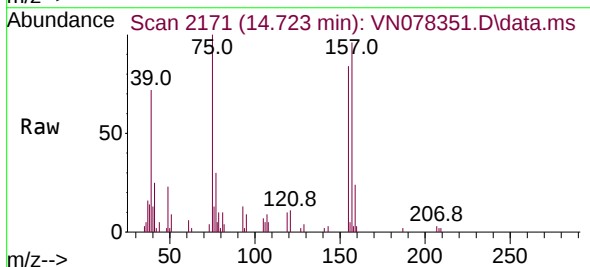
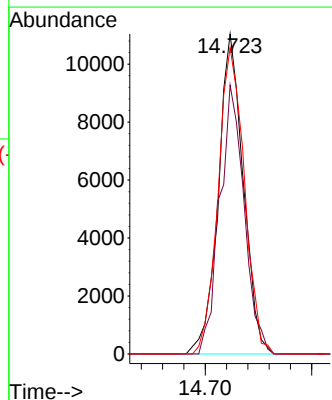
Manual Integrations
APPROVED

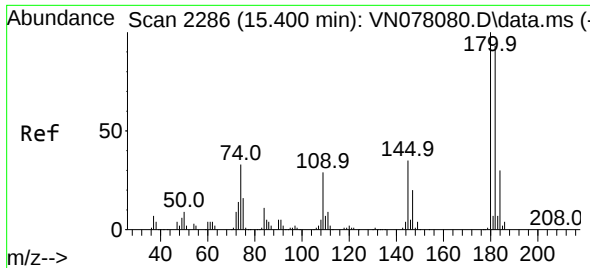
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.759 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

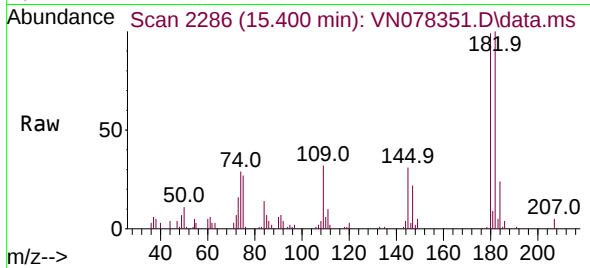
Tgt Ion: 75 Resp: 17872
Ion Ratio Lower Upper
75 100
155 82.8 39.1 117.2
157 100.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 12.243 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

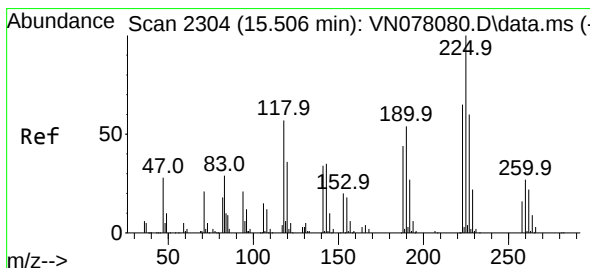
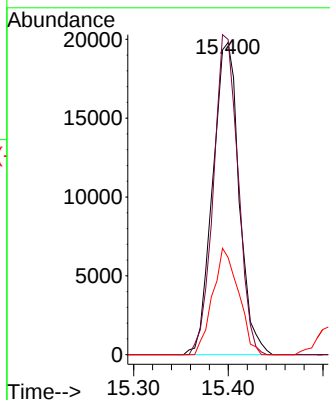
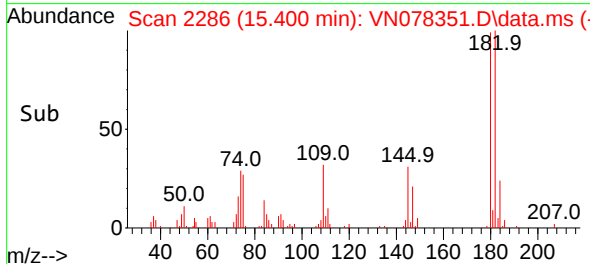
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



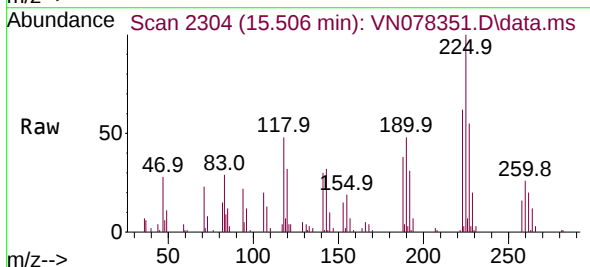
Tgt Ion:180 Resp: 38328
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
APPROVED

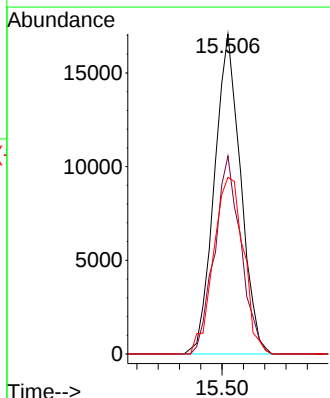
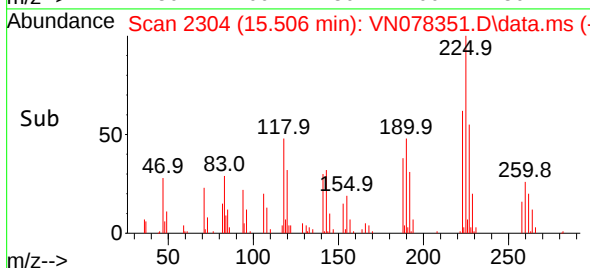
Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

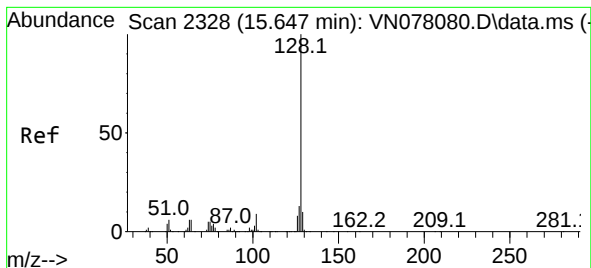


#94
Hexachlorobutadiene
Concen: 17.266 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



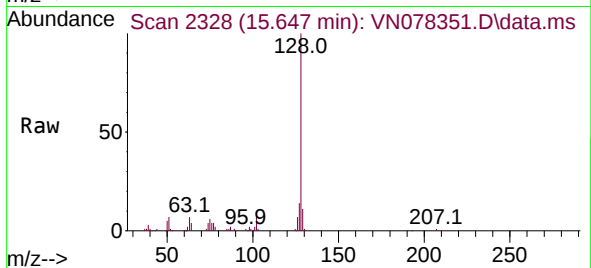
Tgt Ion:225 Resp: 29186
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 11.214 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40

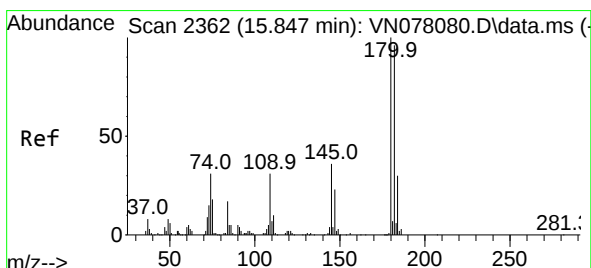
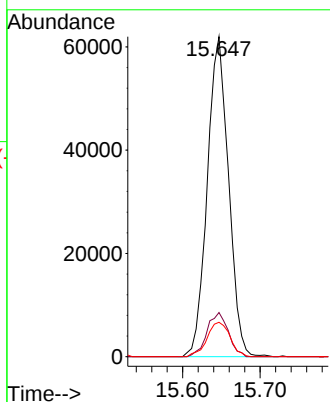
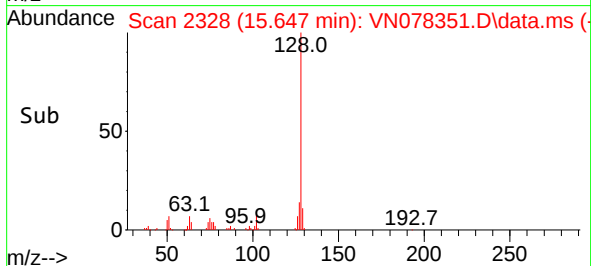
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBSD01



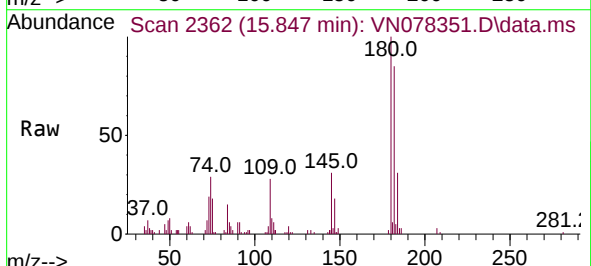
Tgt Ion:128 Resp: 118090
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 12.664 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078351.D
Acq: 22 Jun 2023 15:40



Tgt Ion:180 Resp: 44341
Ion Ratio Lower Upper
180 100
182 95.8 46.2 138.6
145 37.9 17.5 52.6

