

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078575.D
 Acq On : 19 Jul 2023 13:00
 Operator : JC\MD
 Sample : VN0719WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:31:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	468667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	807697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	715132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329105	52.380	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.177	113	281241	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.571	98	1059948	51.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.853	95	322322	50.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	95675	16.650	ug/l	94
3) Chloromethane	2.371	50	120857	19.351	ug/l	93
4) Vinyl Chloride	2.518	62	143395	17.749	ug/l	97
5) Bromomethane	2.959	94	102440	16.739	ug/l	95
6) Chloroethane	3.124	64	96574	18.552	ug/l	98
7) Trichlorofluoromethane	3.506	101	179844	18.622	ug/l	97
8) Diethyl Ether	3.971	74	60658	18.851	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	95427	18.666	ug/l	94
10) Methyl Iodide	4.594	142	127322	18.123	ug/l #	94
11) Tert butyl alcohol	5.541	59	91048	93.975	ug/l #	83
12) 1,1-Dichloroethene	4.347	96	89807	18.160	ug/l #	83
13) Acrolein	4.195	56	83787	87.899	ug/l	94
14) Allyl chloride	5.042	41	134306	19.875	ug/l	95
15) Acrylonitrile	5.730	53	235814	96.332	ug/l	99
16) Acetone	4.436	43	187843	95.978	ug/l	93
17) Carbon Disulfide	4.724	76	225300	15.755	ug/l	99
18) Methyl Acetate	5.042	43	162373	19.598	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	311494	19.117	ug/l	99
20) Methylene Chloride	5.289	84	112100	19.216	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	104361	18.727	ug/l	90
22) Diisopropyl ether	6.683	45	307086	20.295	ug/l #	93
23) Vinyl Acetate	6.618	43	916073	95.233	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	198215	19.441	ug/l	97
25) 2-Butanone	7.494	43	295686	95.976	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	171435	20.558	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	122789	19.047	ug/l	91
28) Bromochloromethane	7.824	49	72047	15.003	ug/l	91
29) Tetrahydrofuran	7.847	42	193411	95.675	ug/l #	83
30) Chloroform	7.971	83	212718	20.040	ug/l	94
31) Cyclohexane	8.265	56	146251	17.224	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	186859	19.635	ug/l	97
36) 1,1-Dichloropropene	8.377	75	147273	18.603	ug/l	98
37) Ethyl Acetate	7.565	43	126060	19.101	ug/l #	96
38) Carbon Tetrachloride	8.365	117	166015	19.294	ug/l	98
39) Methylcyclohexane	9.606	83	133534	18.479	ug/l	92
40) Benzene	8.612	78	461155	19.662	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	64858	19.278	ug/l	95
42) 1,2-Dichloroethane	8.677	62	159180	19.953	ug/l	99
43) Isopropyl Acetate	8.694	43	226809	20.874	ug/l #	92
44) Trichloroethene	9.359	130	117706	18.620	ug/l	93
45) 1,2-Dichloropropane	9.629	63	123021	20.710	ug/l	95
46) Dibromomethane	9.712	93	82941	19.838	ug/l	92
47) Bromodichloromethane	9.894	83	169806	20.261	ug/l #	92
48) Methyl methacrylate	9.688	41	97974	19.463	ug/l	88
49) 1,4-Dioxane	9.700	88	41255	375.803	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	641256	99.222	ug/l	93
52) Toluene	10.635	92	285893	19.667	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	169842	19.781	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	187937	20.534	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	116810	20.395	ug/l	96
56) Ethyl methacrylate	10.882	69	160156	20.004	ug/l	91
57) 1,3-Dichloropropane	11.171	76	195461	20.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	232544	81.505	ug/l	94
59) 2-Hexanone	11.200	43	441666	96.156	ug/l	91
60) Dibromochloromethane	11.365	129	124342	19.666	ug/l	98
61) 1,2-Dibromoethane	11.471	107	119563	20.266	ug/l	94
64) Tetrachloroethene	11.112	164	96322	17.915	ug/l	97
65) Chlorobenzene	11.894	112	302964	18.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	118119	19.208	ug/l	95
67) Ethyl Benzene	11.970	91	520486	19.263	ug/l	100
68) m/p-Xylenes	12.076	106	406035	40.644	ug/l	99
69) o-Xylene	12.400	106	192978	19.125	ug/l	97
70) Styrene	12.418	104	311672	19.743	ug/l	98
71) Bromoform	12.582	173	78641	18.883	ug/l #	95
73) Isopropylbenzene	12.700	105	482098	18.303	ug/l	99
74) N-amyl acetate	12.500	43	162769	17.931	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	164114	20.479	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	126070m	18.606	ug/l	
77) Bromobenzene	12.982	156	117448	19.563	ug/l	96
78) n-propylbenzene	13.041	91	541000	19.205	ug/l	100
79) 2-Chlorotoluene	13.129	91	343389	18.610	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	398824	19.163	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	44891	17.410	ug/l	91
82) 4-Chlorotoluene	13.229	91	325770	18.926	ug/l	97
83) tert-Butylbenzene	13.441	119	334287	18.919	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	383096	18.951	ug/l	97
85) sec-Butylbenzene	13.617	105	423790	18.975	ug/l	99
86) p-Isopropyltoluene	13.735	119	351249	19.586	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	195330	19.317	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	185109	18.174	ug/l	99
89) n-Butylbenzene	14.059	91	247250	19.269	ug/l	97
90) Hexachloroethane	14.335	117	68260	20.223	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	190979	18.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23960	17.763	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	49395	15.380	ug/l	92
94) Hexachlorobutadiene	15.506	225	35374	18.700	ug/l	95
95) Naphthalene	15.647	128	142117	12.944	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59060	15.993	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

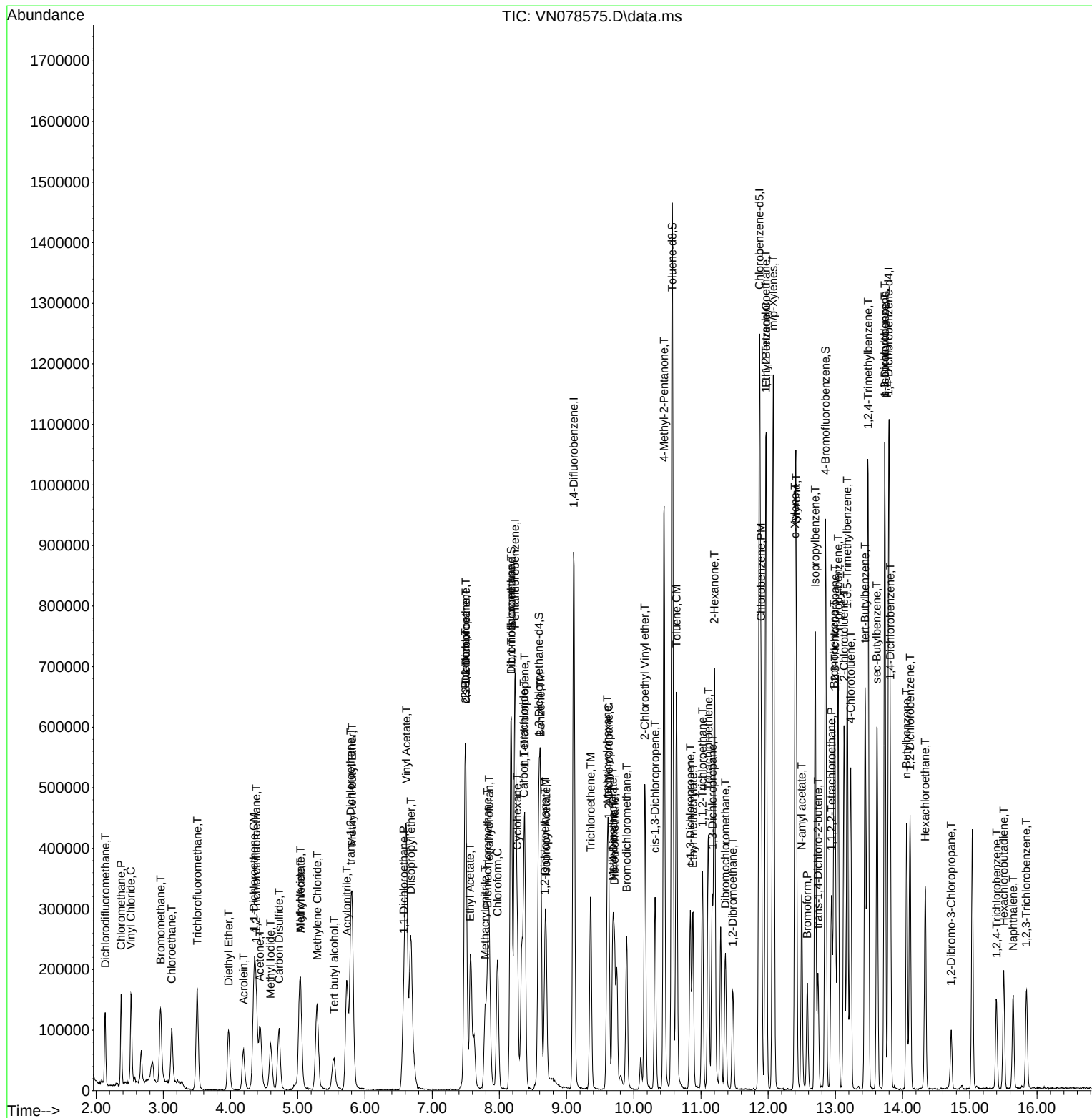
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
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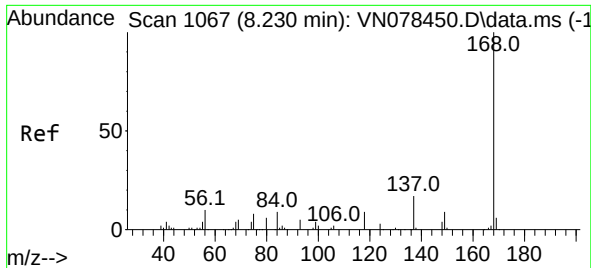
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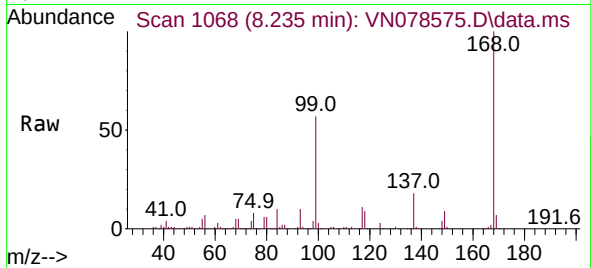
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

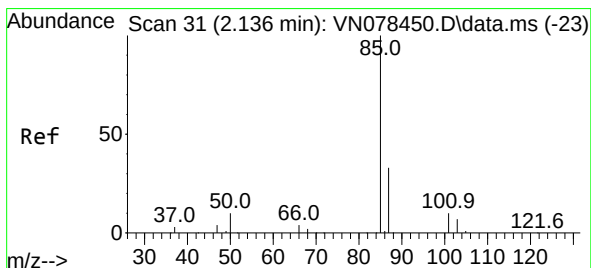
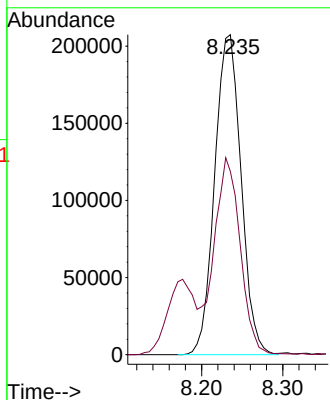
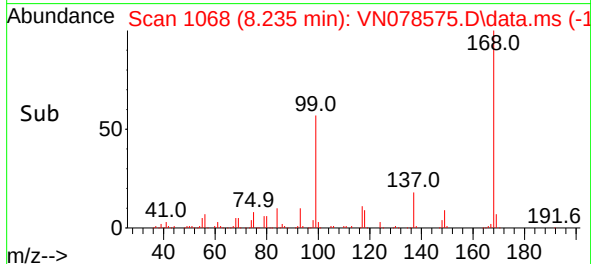
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:168 Resp: 46866
Ion Ratio Lower Upper
168 100
99 57.0 53.0 79.6

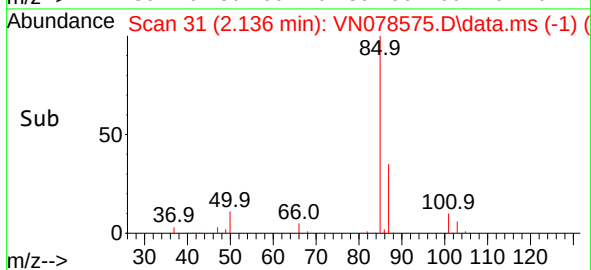
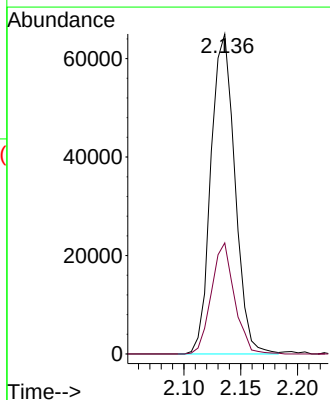
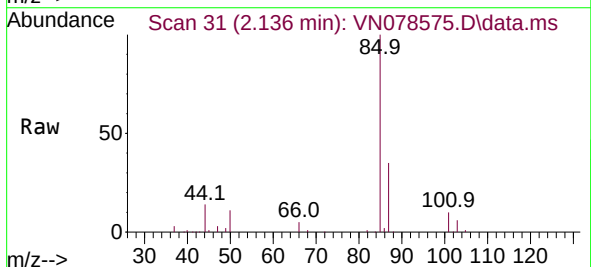
Manual Integrations
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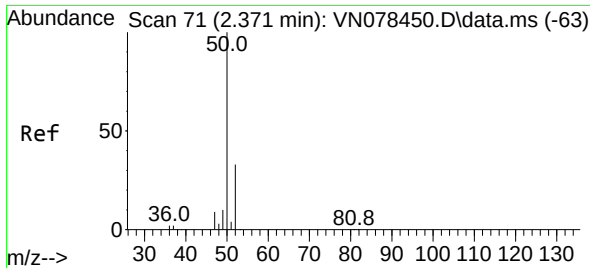
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#2
Dichlorodifluoromethane
Concen: 16.650 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

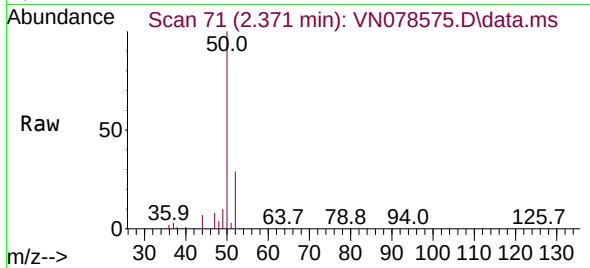
Tgt Ion: 85 Resp: 95675
Ion Ratio Lower Upper
85 100
87 34.7 15.8 47.4





#3
Chloromethane
Concen: 19.351 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

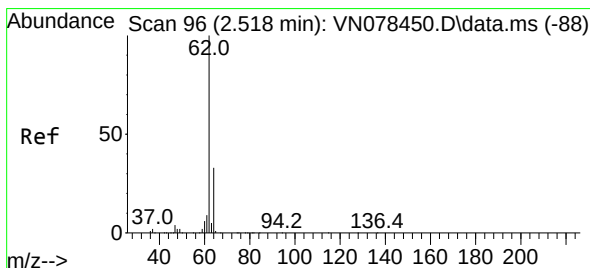
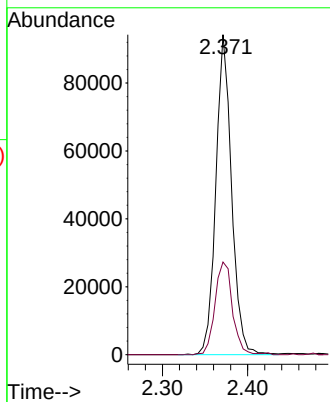
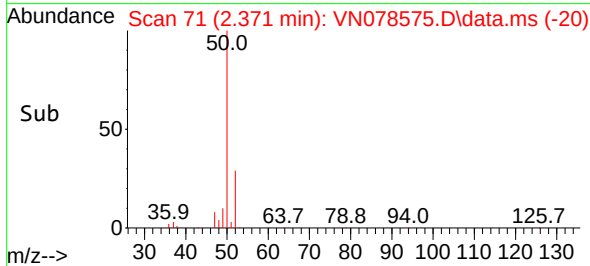
Instrument :
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Tgt Ion: 50 Resp: 12085
Ion Ratio Lower Upper
50 100
52 28.9 26.5 39.7

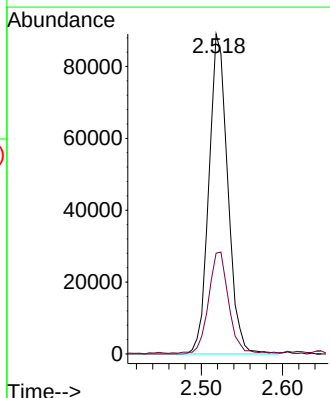
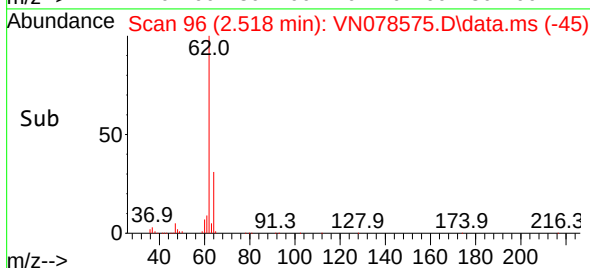
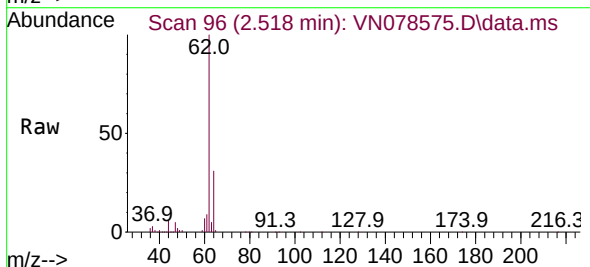
Manual Integrations
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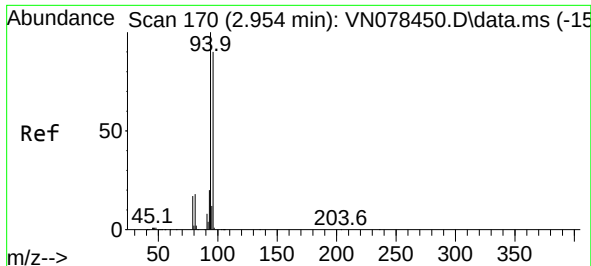
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#4
Vinyl Chloride
Concen: 17.749 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

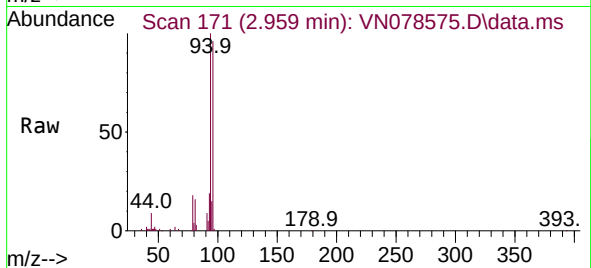
Tgt Ion: 62 Resp: 143395
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





#5
Bromomethane
Concen: 16.739 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

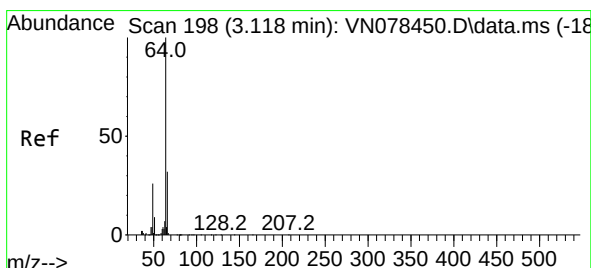
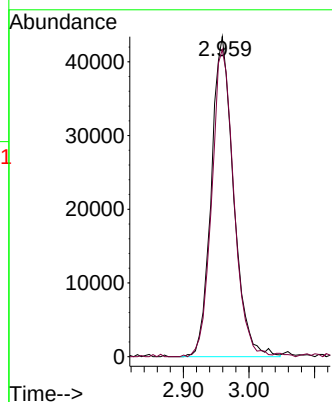
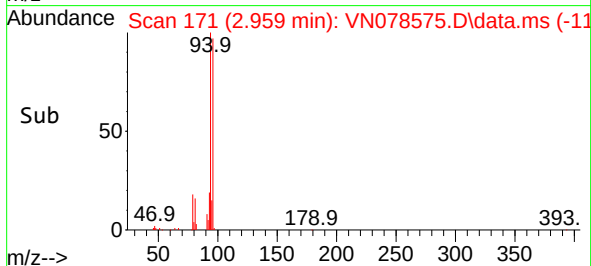
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Tgt Ion: 94 Resp: 102440
Ion Ratio Lower Upper
94 100
96 96.0 73.1 109.7

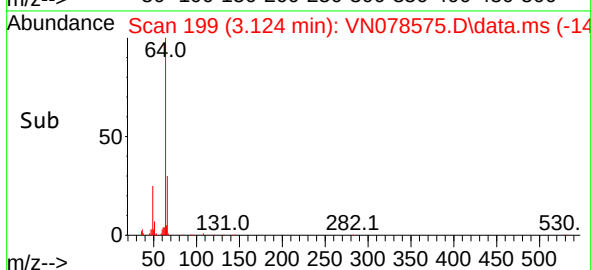
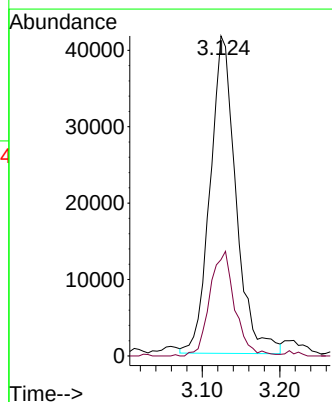
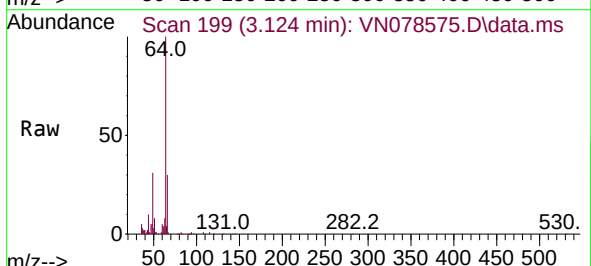
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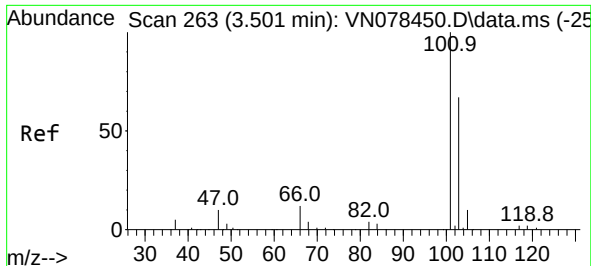
Reviewed By :John Carlone 07/20/2023
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#6
Chloroethane
Concen: 18.552 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

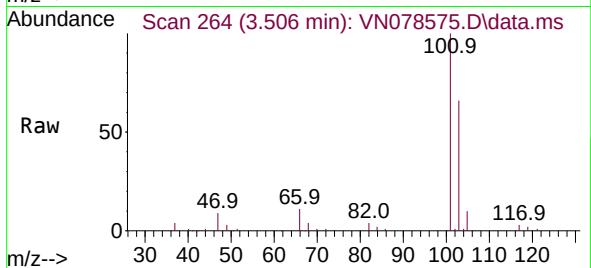
Tgt Ion: 64 Resp: 96574
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.622 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

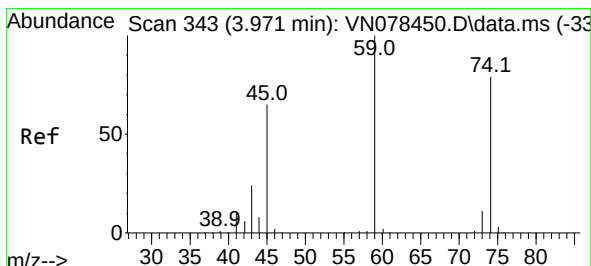
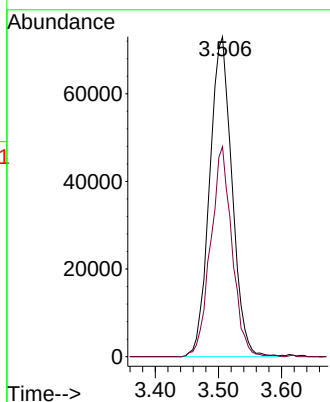
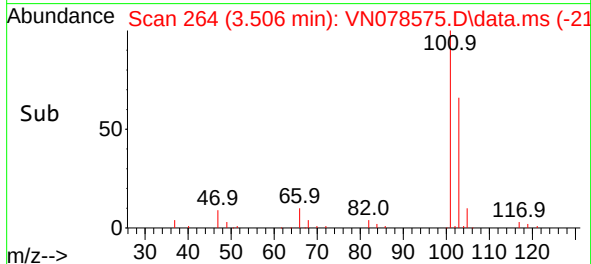
Instrument :
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Tgt Ion:101 Resp: 17984
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

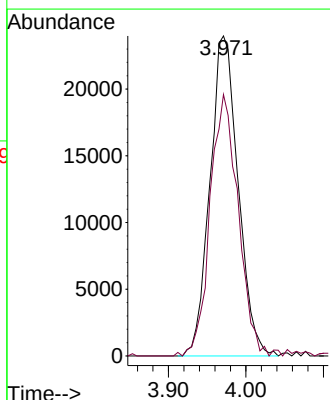
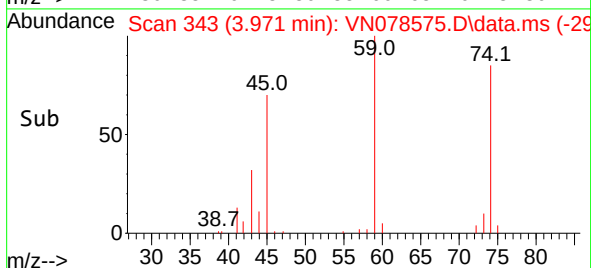
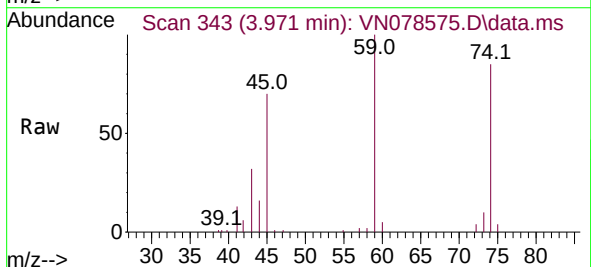
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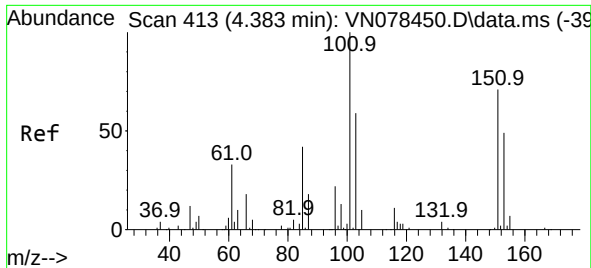
Reviewed By :John Carlone 07/20/2023
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#8
Diethyl Ether
Concen: 18.851 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion: 74 Resp: 60658
Ion Ratio Lower Upper
74 100
45 81.1 34.4 103.3





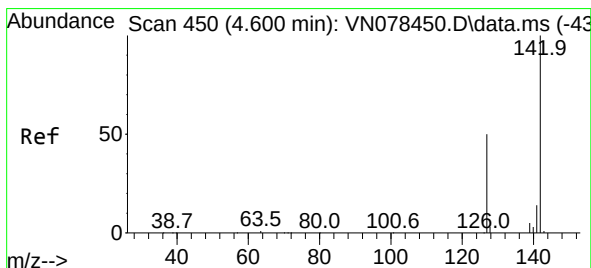
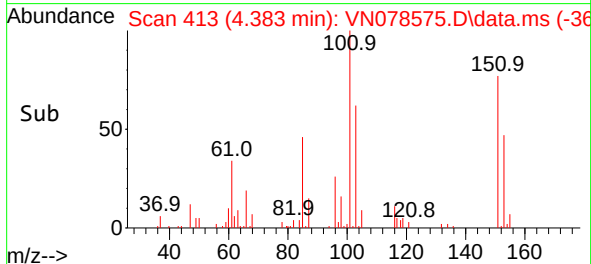
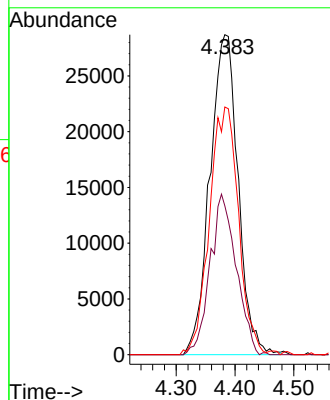
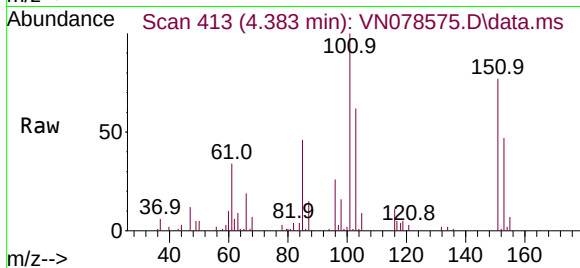
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.666 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tgt Ion:101 Resp: 9542
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 79.8 57.6 86.4

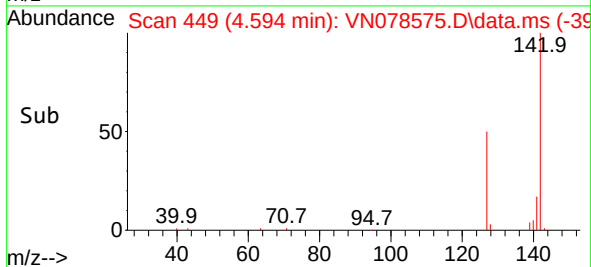
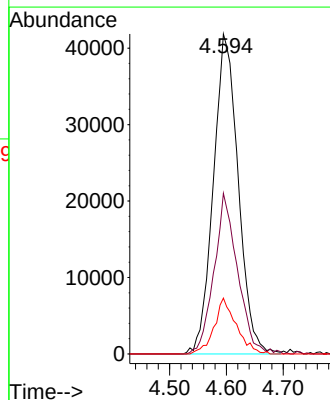
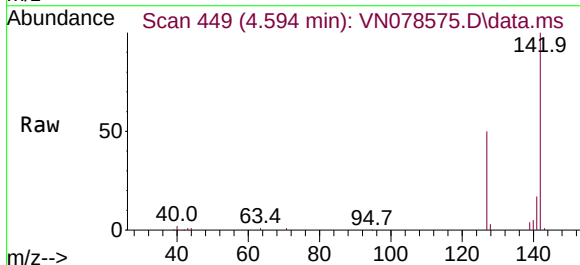
Manual Integrations
APPROVED

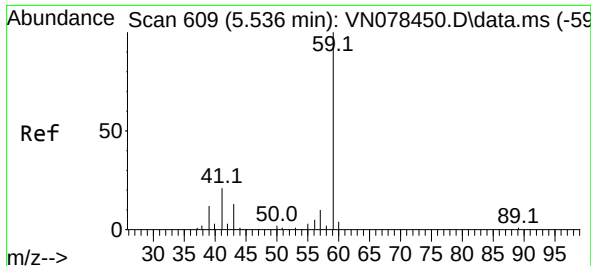
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#10
Methyl Iodide
Concen: 18.123 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

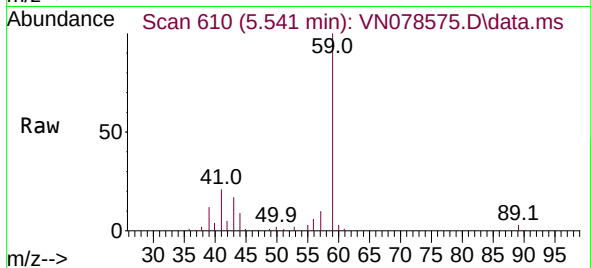
Tgt Ion:142 Resp: 127322
Ion Ratio Lower Upper
142 100
127 50.2 37.6 56.4
141 17.5 11.4 17.0#





#11
Tert butyl alcohol
Concen: 93.975 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

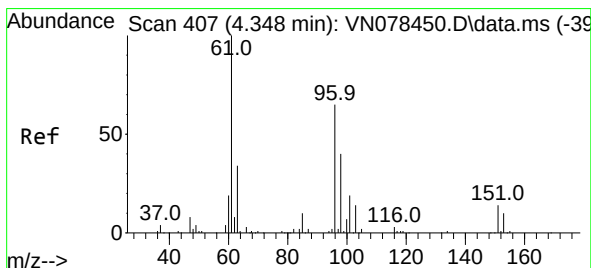
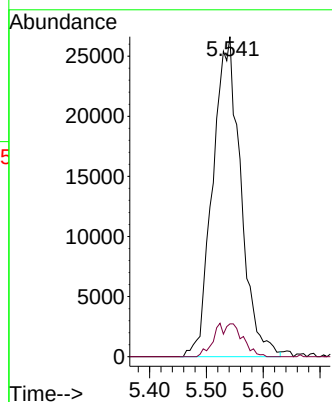
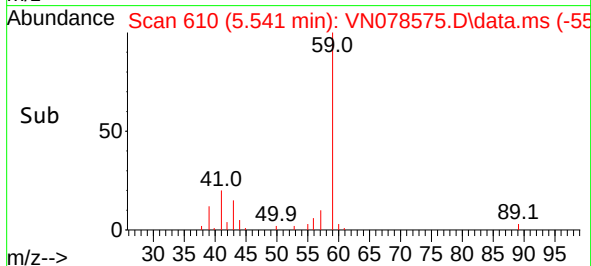
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 59 Resp: 91048
Ion Ratio Lower Upper
59 100
57 4.1 8.2 12.4

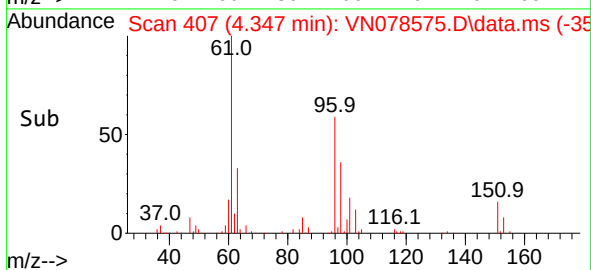
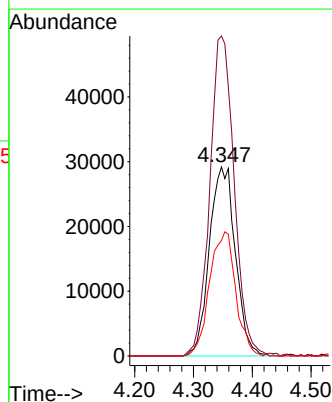
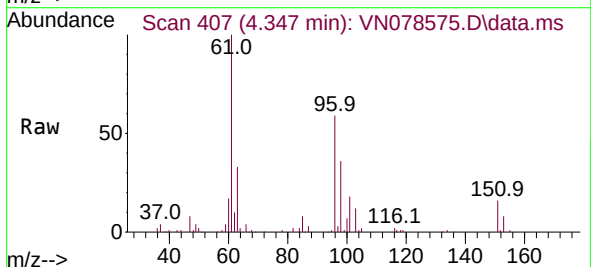
Manual Integrations
APPROVED

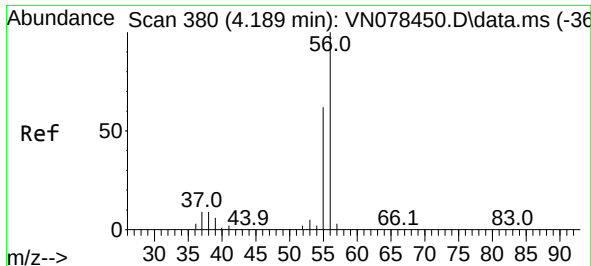
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#12
1,1-Dichloroethene
Concen: 18.160 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

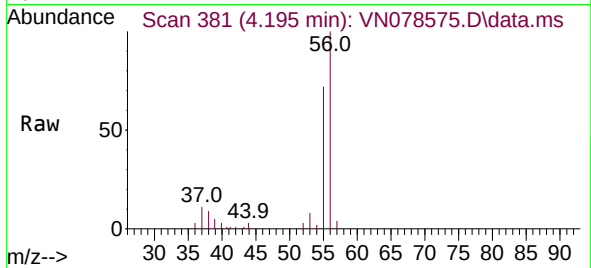
Tgt Ion: 96 Resp: 89807
Ion Ratio Lower Upper
96 100
61 169.4 112.7 169.1#
98 61.0 51.2 76.8





#13
Acrolein
Concen: 87.899 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

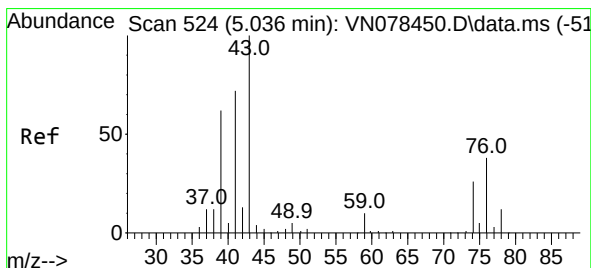
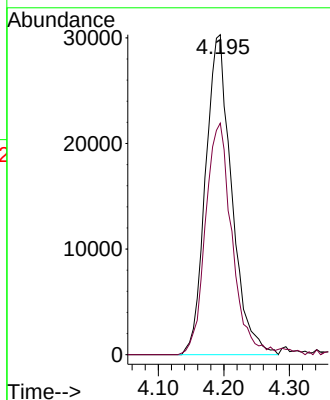
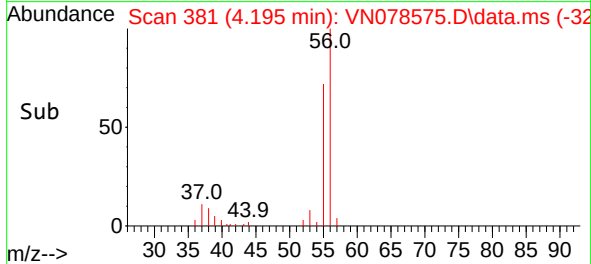
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 56 Resp: 8378
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

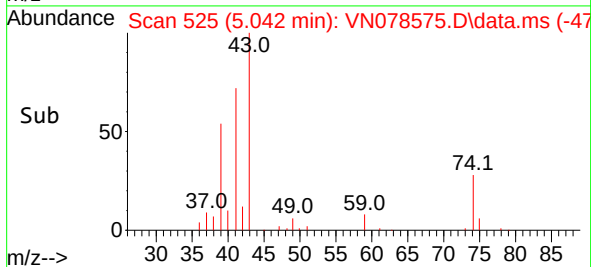
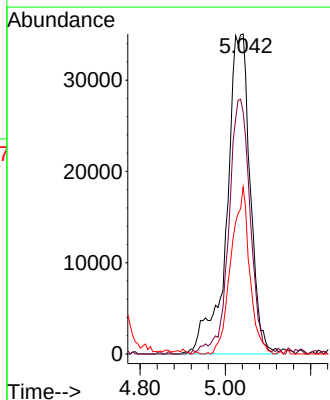
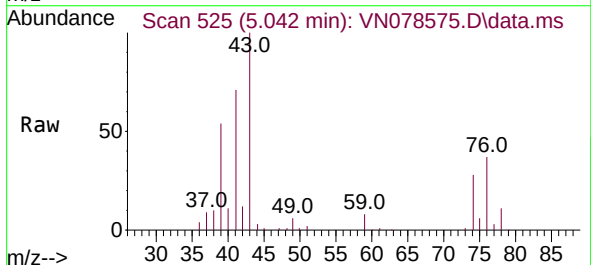
Manual Integrations
APPROVED

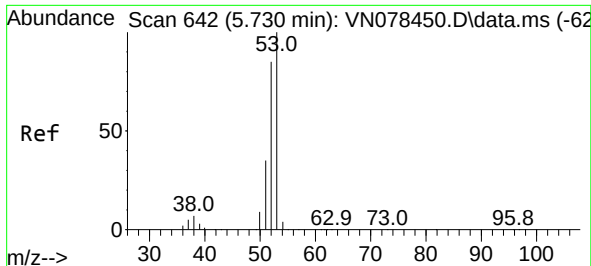
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#14
Allyl chloride
Concen: 19.875 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

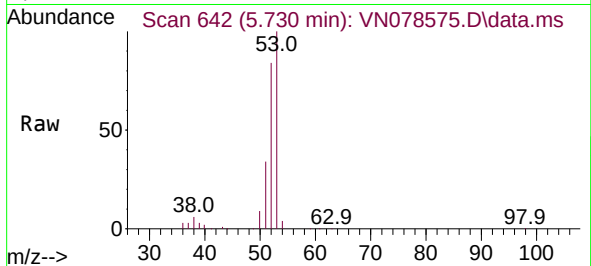
Tgt Ion: 41 Resp: 134306
Ion Ratio Lower Upper
41 100
39 72.2 58.8 88.2
76 41.1 39.1 58.7





#15
Acrylonitrile
Concen: 96.332 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

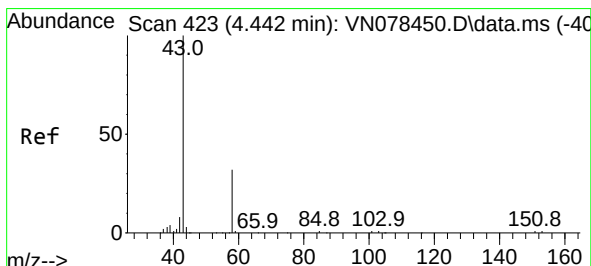
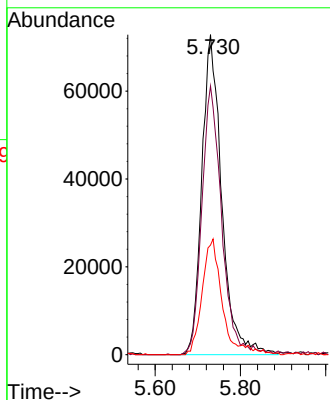
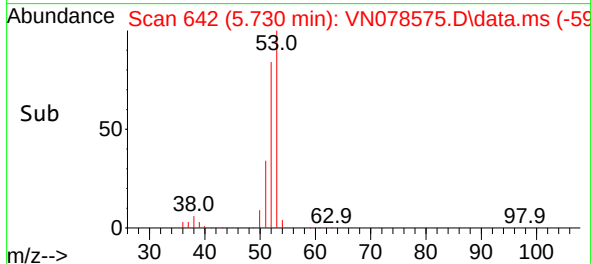
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 53 Resp: 235814
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.7 28.9 43.3

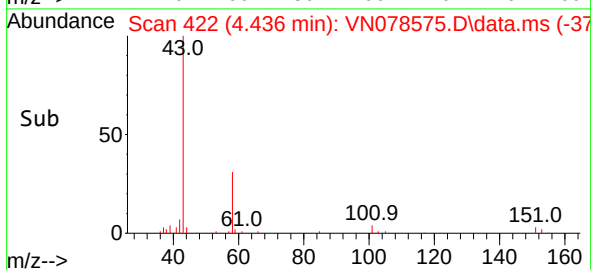
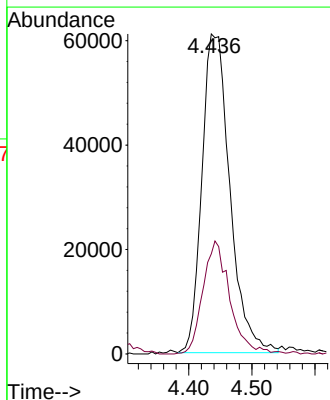
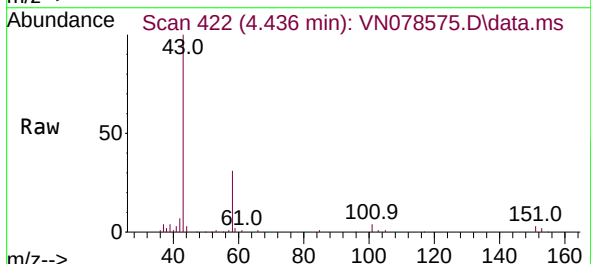
Manual Integrations
APPROVED

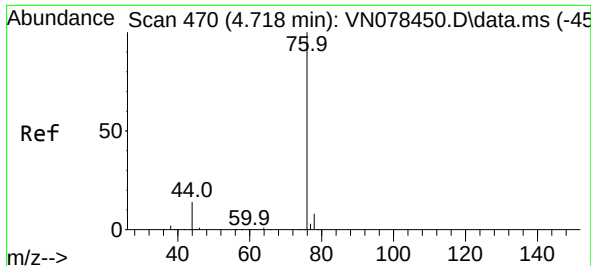
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#16
Acetone
Concen: 95.978 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion: 43 Resp: 187843
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





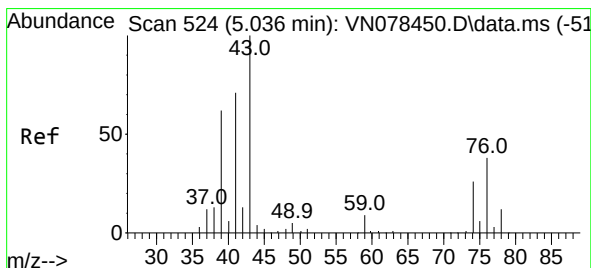
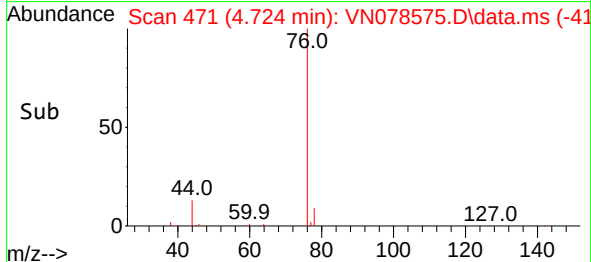
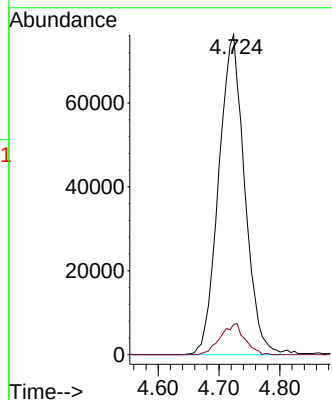
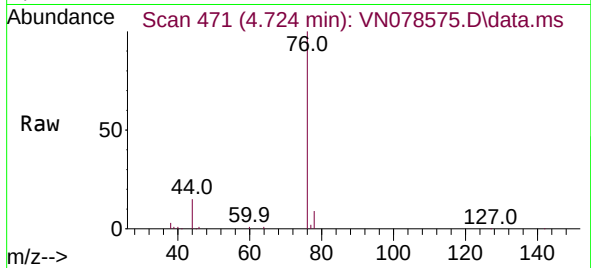
#17
Carbon Disulfide
Concen: 15.755 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tgt Ion: 76 Resp: 225300
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

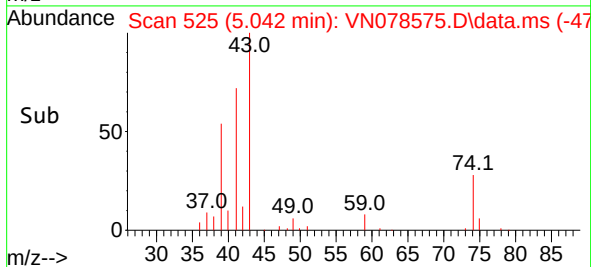
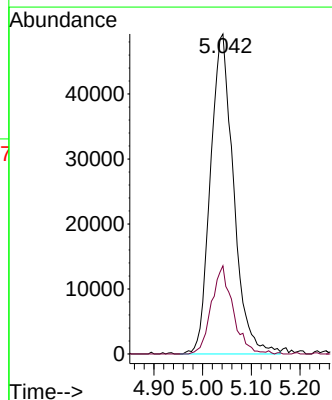
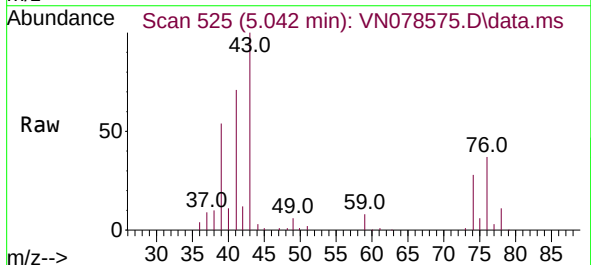
Manual Integrations
APPROVED

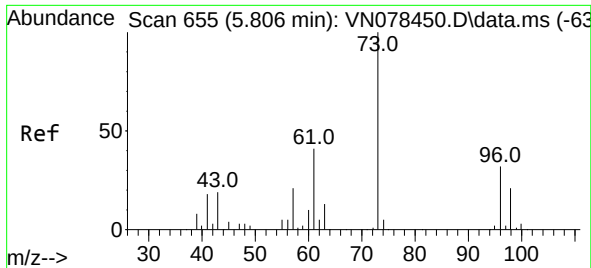
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#18
Methyl Acetate
Concen: 19.598 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

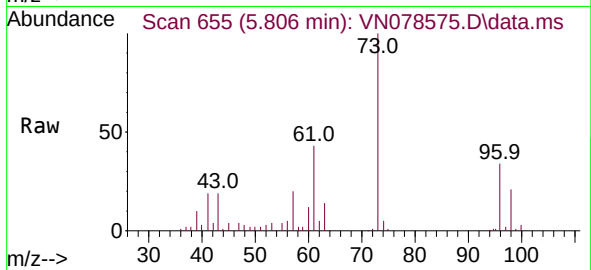
Tgt Ion: 43 Resp: 162373
Ion Ratio Lower Upper
43 100
74 25.5 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.117 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

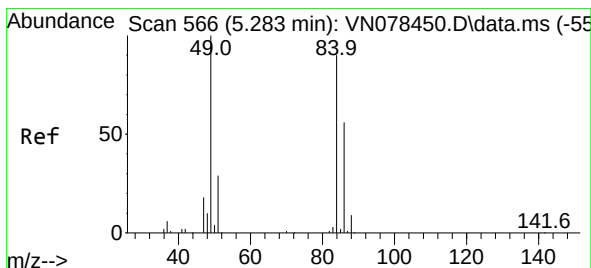
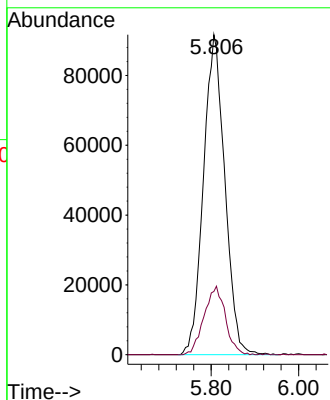
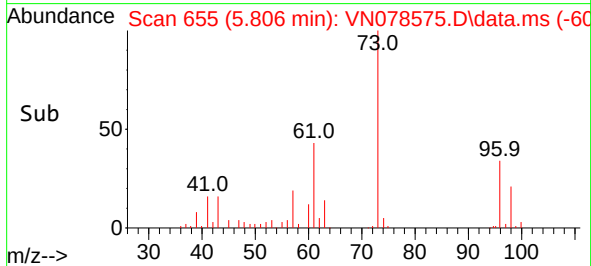
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 73 Resp: 311494
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

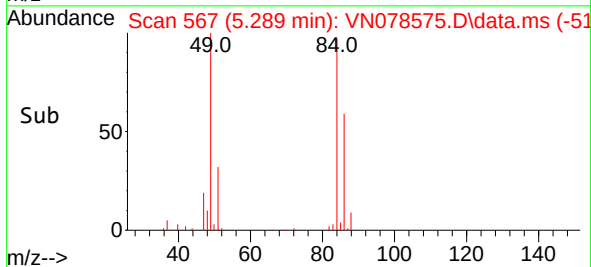
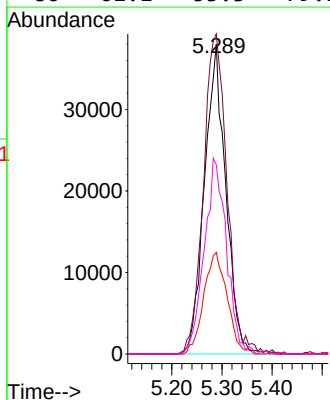
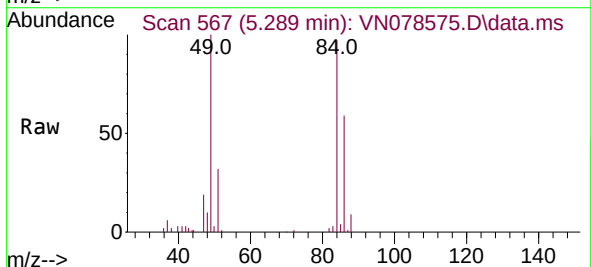
Manual Integrations
APPROVED

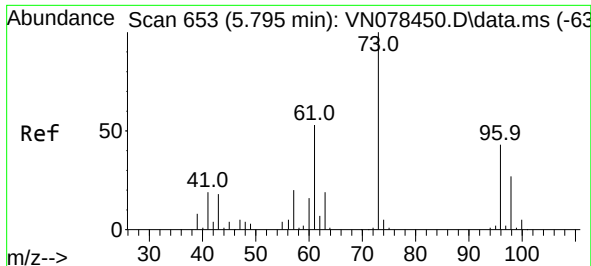
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#20
Methylene Chloride
Concen: 19.216 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

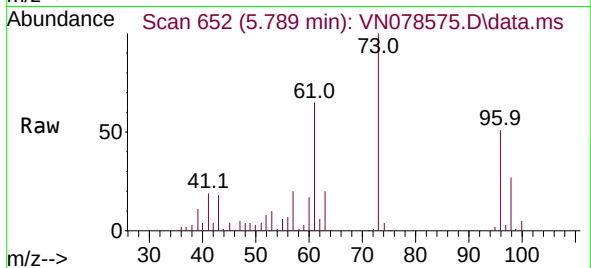
Tgt Ion: 84 Resp: 112100
Ion Ratio Lower Upper
84 100
49 103.3 79.7 119.5
51 32.8 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.727 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

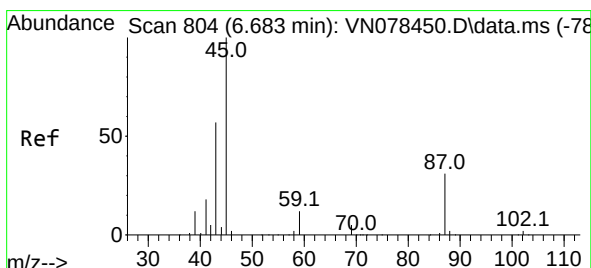
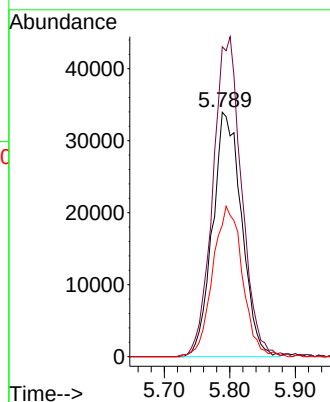
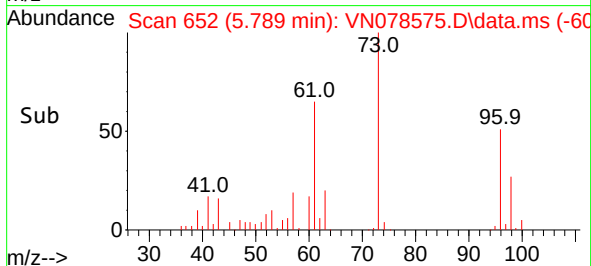
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 96 Resp: 10436
Ion Ratio Lower Upper
96 100
61 126.2 90.1 135.1
98 53.8 46.4 69.6

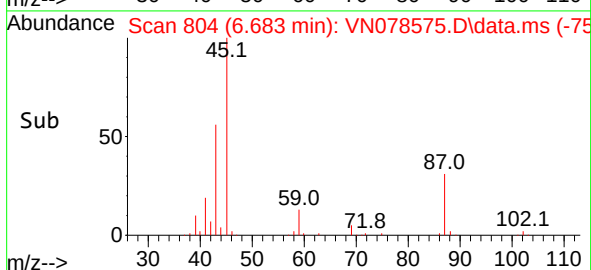
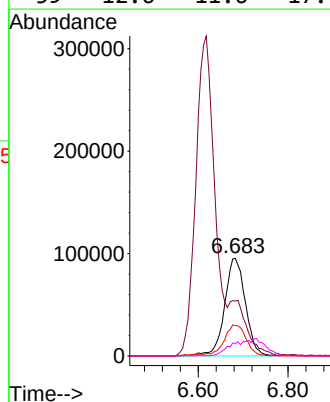
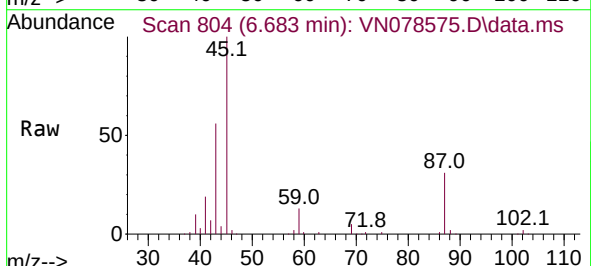
Manual Integrations
APPROVED

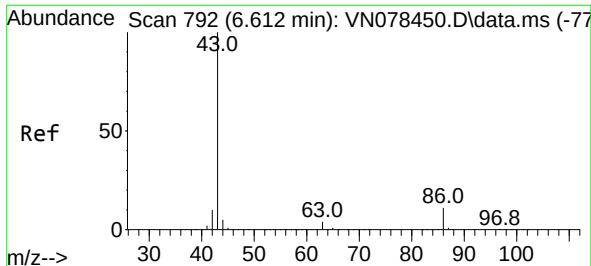
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#22
Diisopropyl ether
Concen: 20.295 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

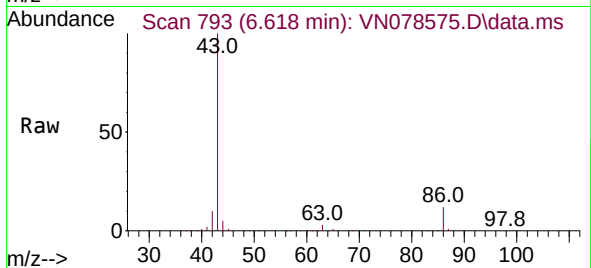
Tgt Ion: 45 Resp: 307086
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 31.3 31.8 47.8#
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.233 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00

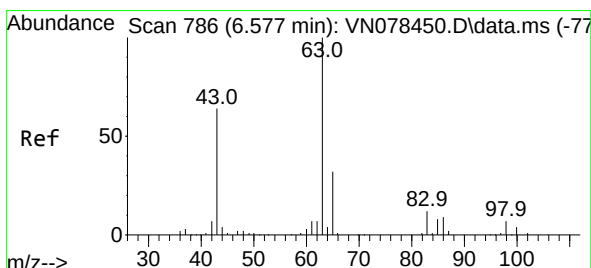
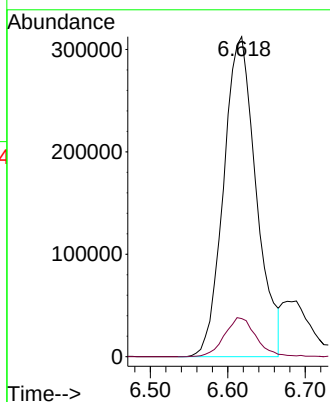
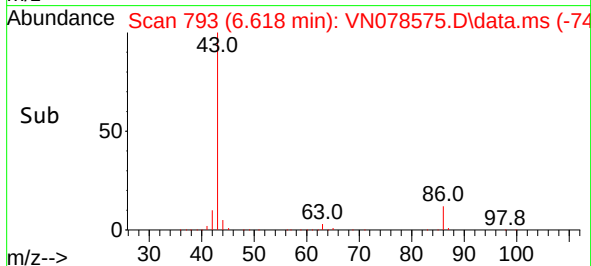
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01



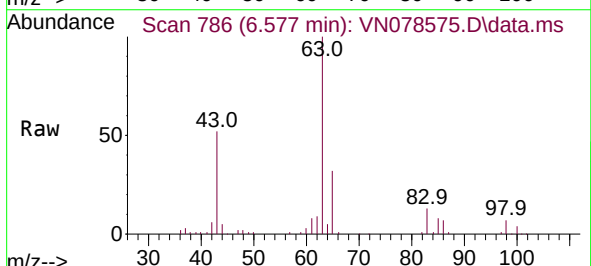
Tgt Ion: 43 Resp: 916073
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

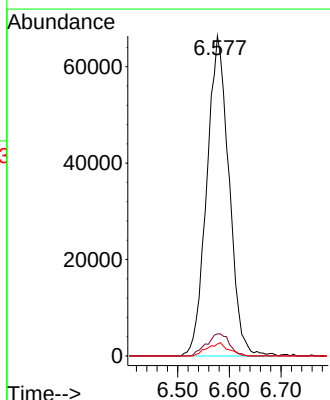
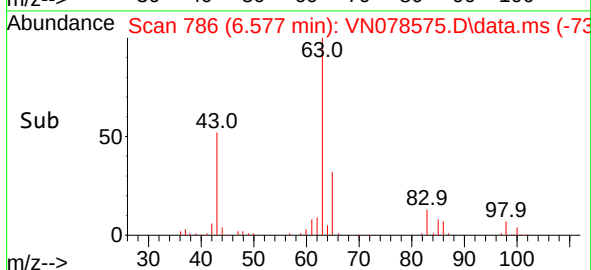
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

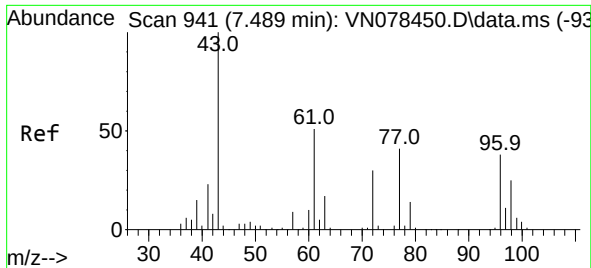


#24
 1,1-Dichloroethane
 Concen: 19.441 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00



Tgt Ion: 63 Resp: 198215
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 3.8 2.5 7.4





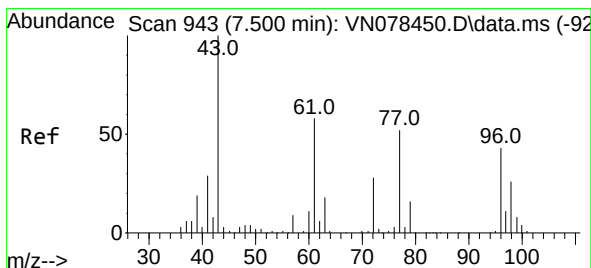
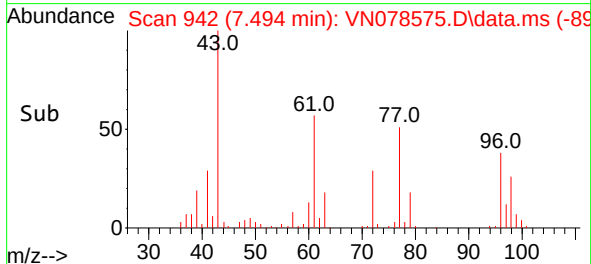
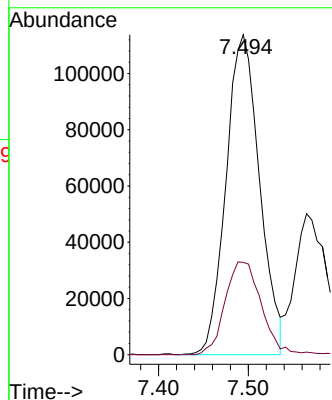
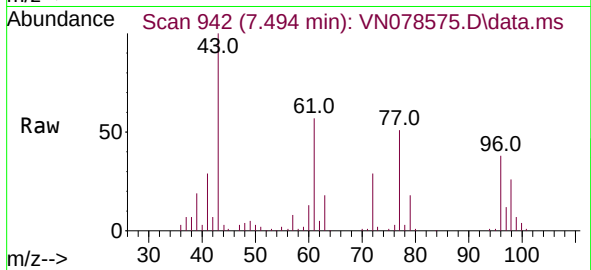
#25
2-Butanone
Concen: 95.976 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tgt Ion: 43 Resp: 295680
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

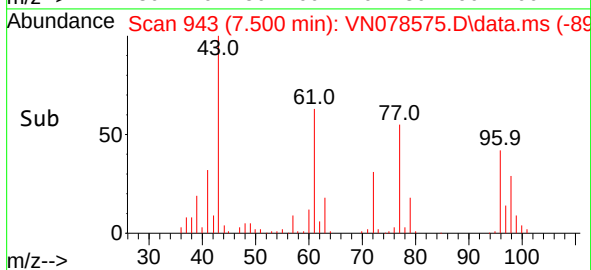
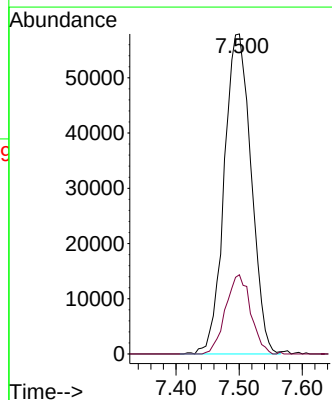
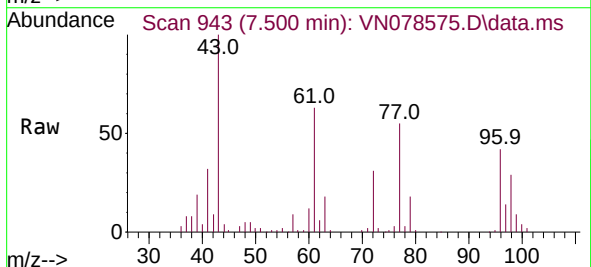
Manual Integrations
APPROVED

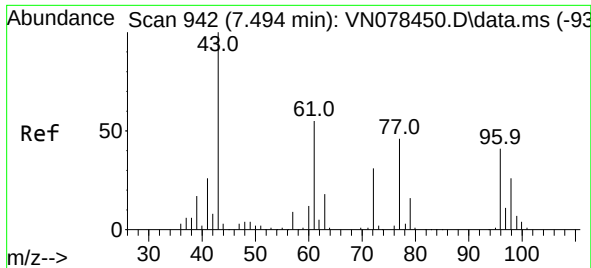
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#26
2,2-Dichloropropane
Concen: 20.558 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

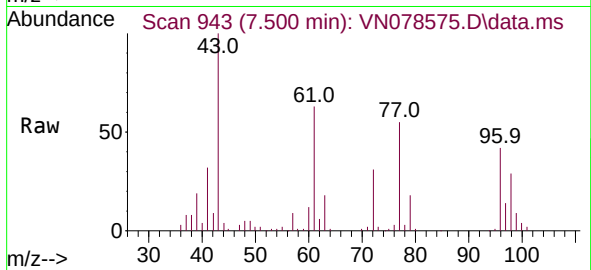
Tgt Ion: 77 Resp: 171435
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.047 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00

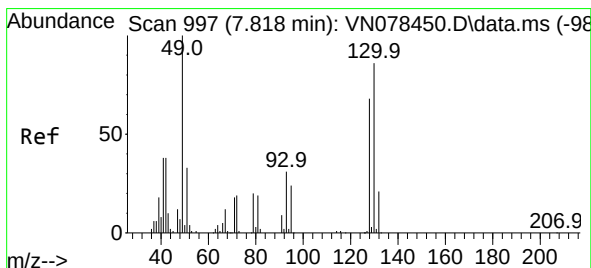
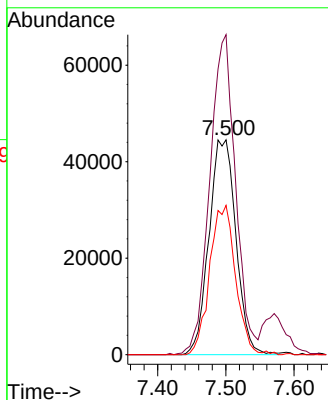
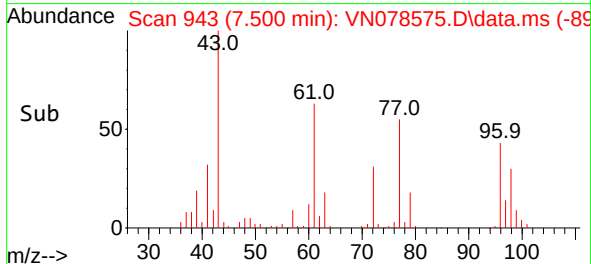
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01



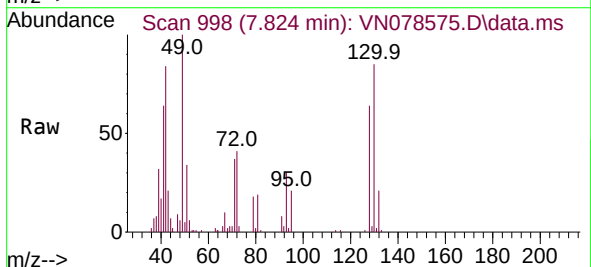
Tgt Ion: 96 Resp: 122789
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 255.2
 98 66.3 0.0 128.8

Manual Integrations
 APPROVED

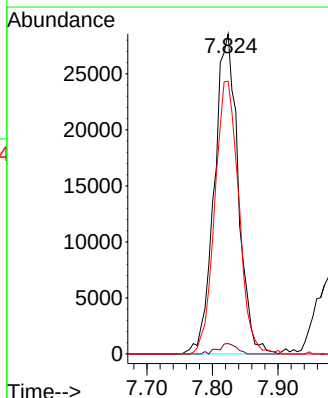
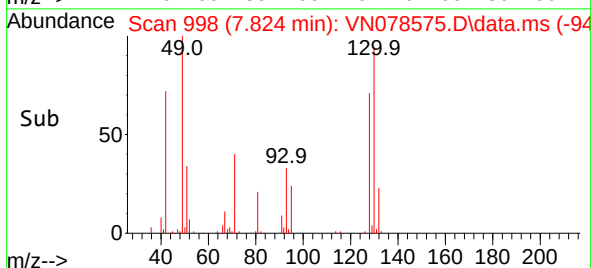
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

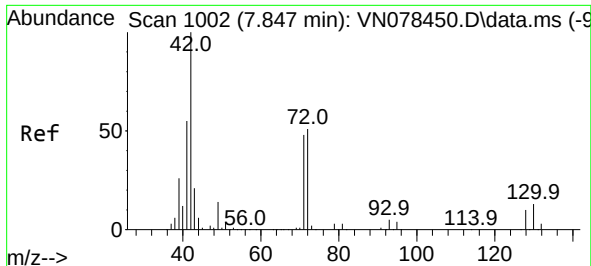


#28
 Bromochloromethane
 Concen: 15.003 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00



Tgt Ion: 49 Resp: 72047
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 85.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.675 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion: 42 Resp: 19341

Ion Ratio Lower Upper

42 100

72 49.4 49.8 74.6

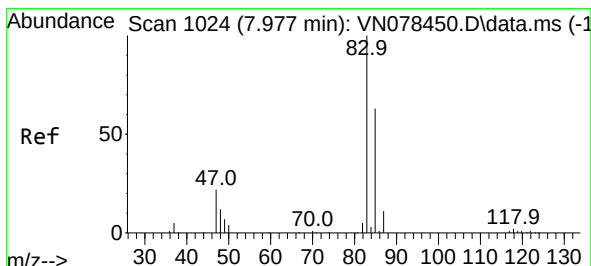
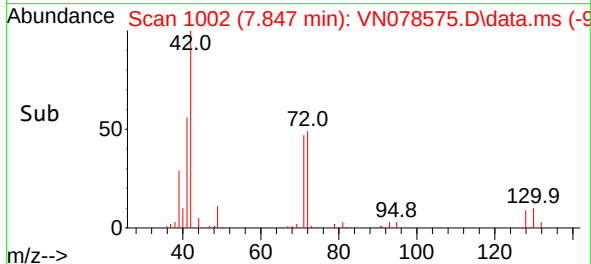
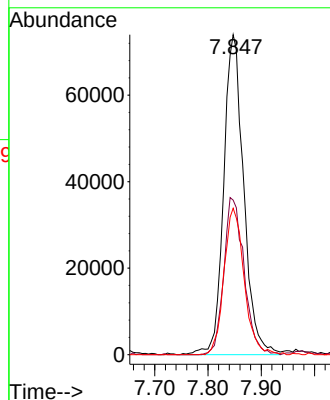
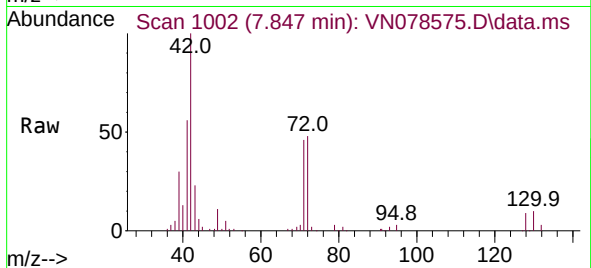
71 46.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#30

Chloroform

Concen: 20.040 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078575.D

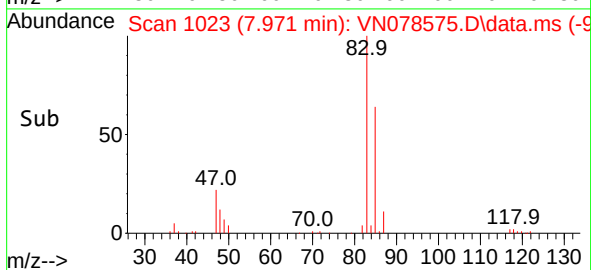
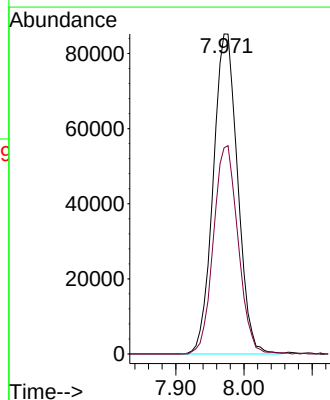
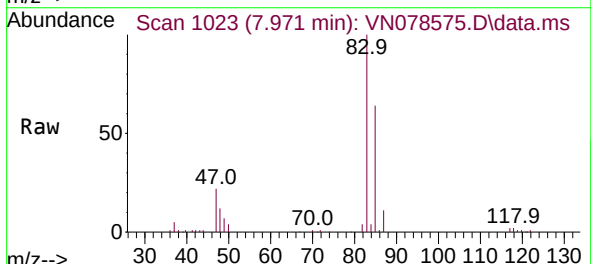
Acq: 19 Jul 2023 13:00

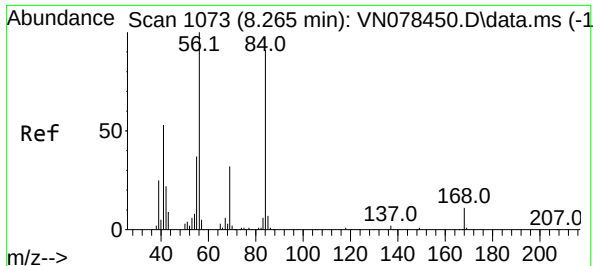
Tgt Ion: 83 Resp: 212718

Ion Ratio Lower Upper

83 100

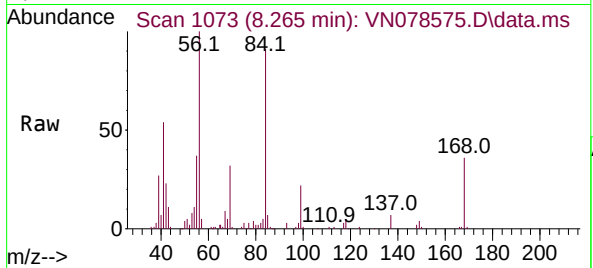
85 64.4 55.4 83.0





#31
Cyclohexane
Concen: 17.224 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

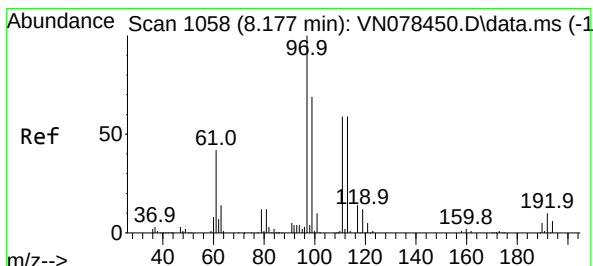
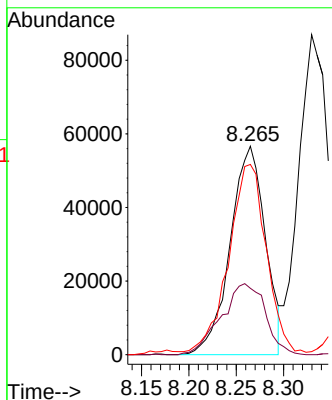
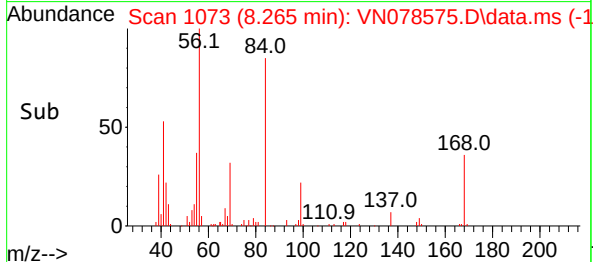
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 56 Resp: 14625
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 89.8 81.8 122.6

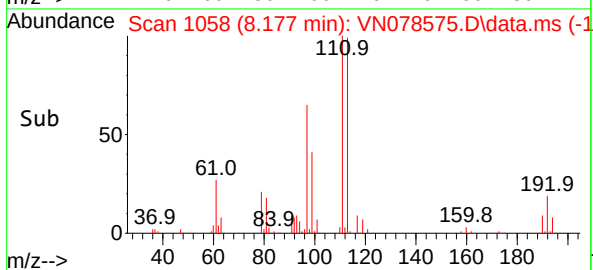
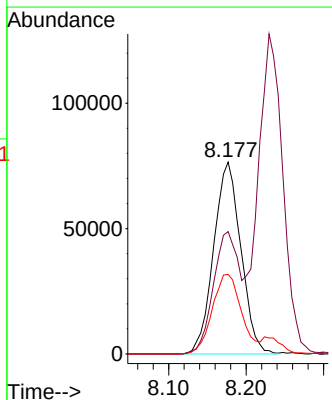
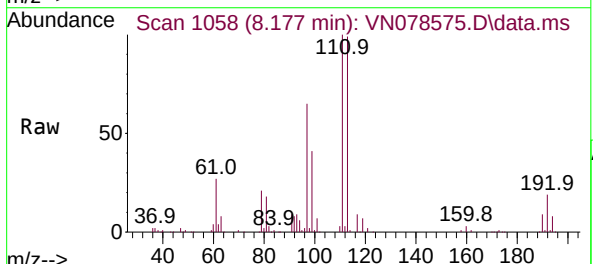
Manual Integrations
APPROVED

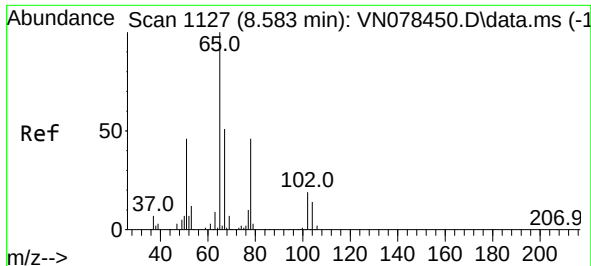
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.635 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion: 97 Resp: 186859
Ion Ratio Lower Upper
97 100
99 59.7 50.3 75.5
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.380 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion: 65 Resp: 32910

Ion Ratio Lower Upper

65 100

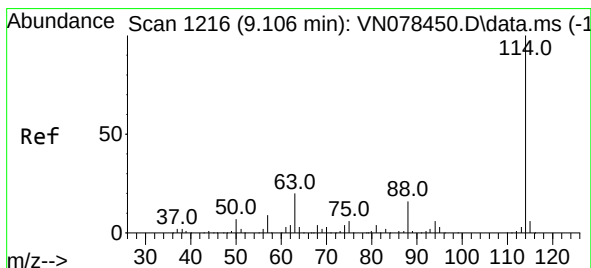
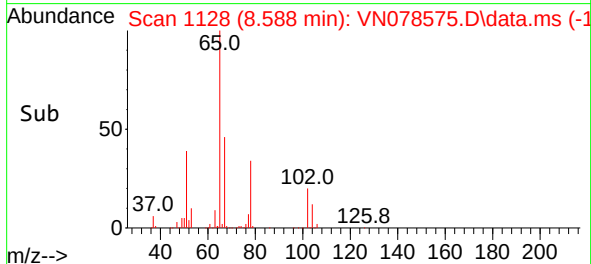
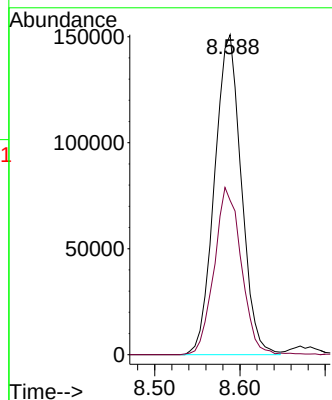
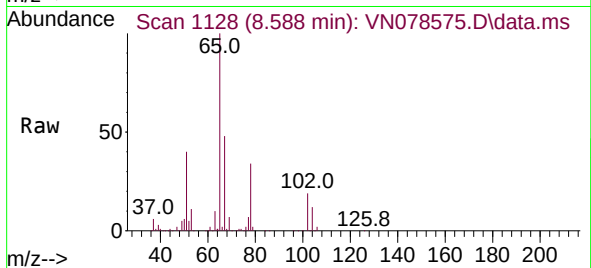
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

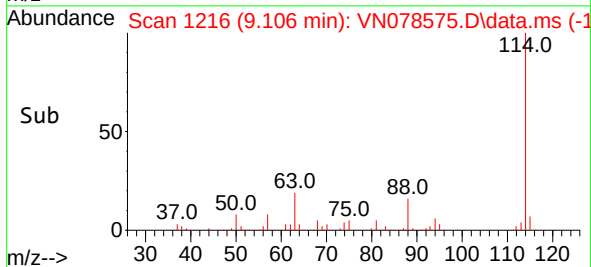
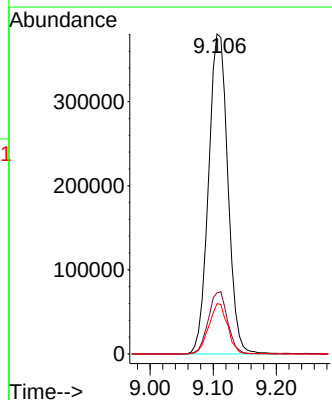
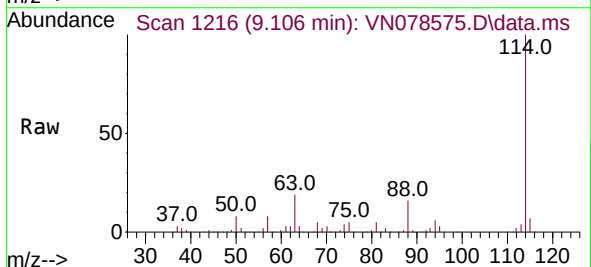
Tgt Ion:114 Resp: 807697

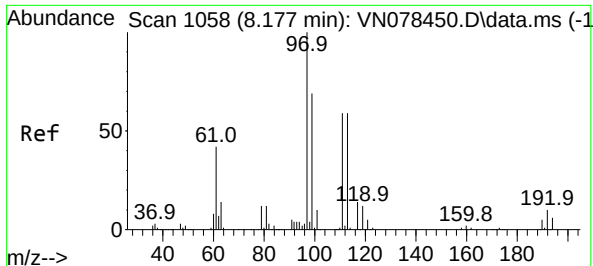
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion:113 Resp: 28124

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

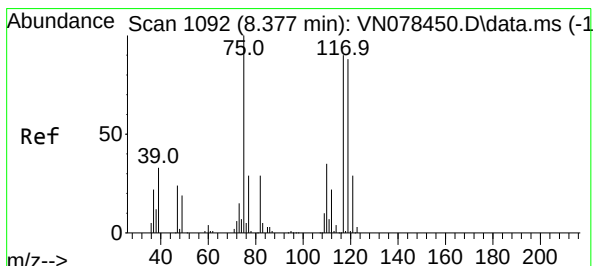
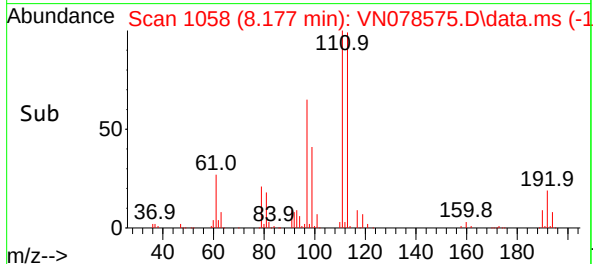
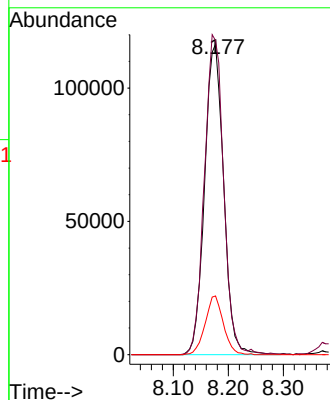
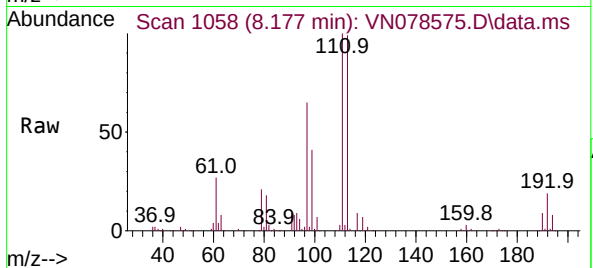
192 18.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#36

1,1-Dichloropropene

Concen: 18.603 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

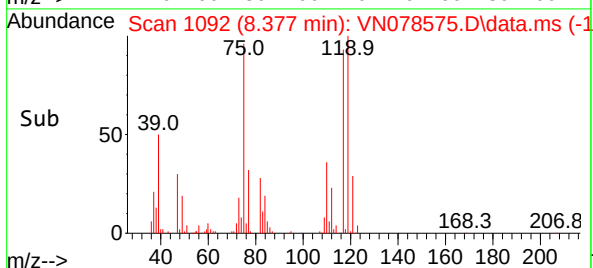
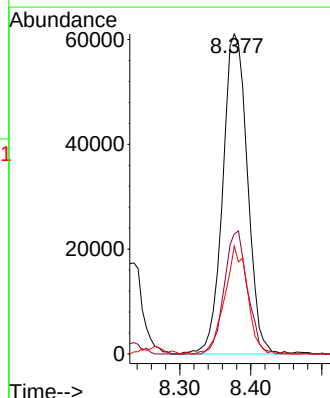
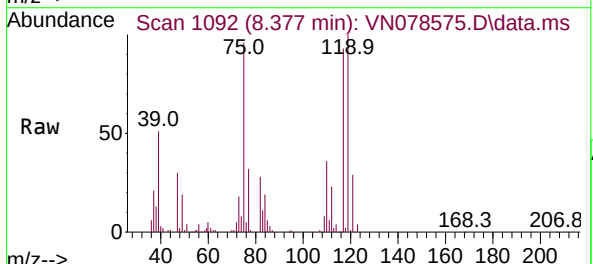
Tgt Ion: 75 Resp: 147273

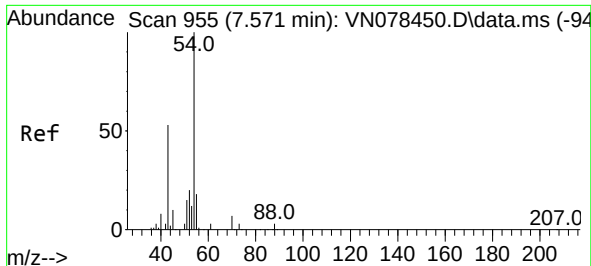
Ion Ratio Lower Upper

75 100

110 36.3 19.1 57.3

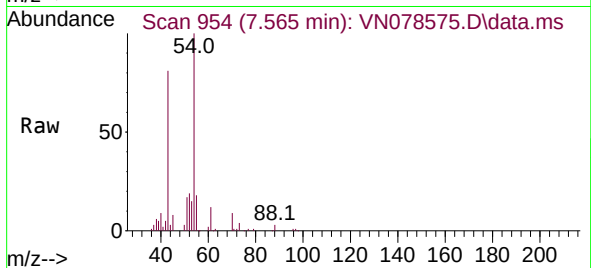
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

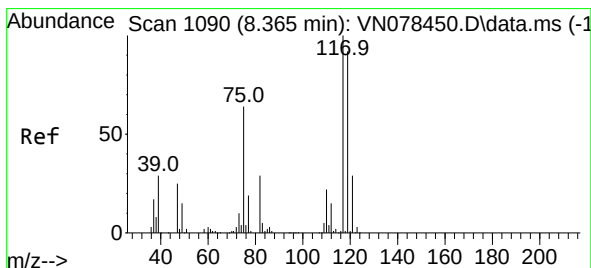
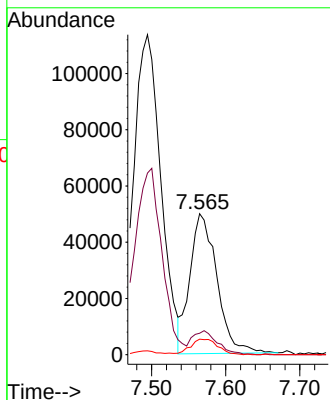
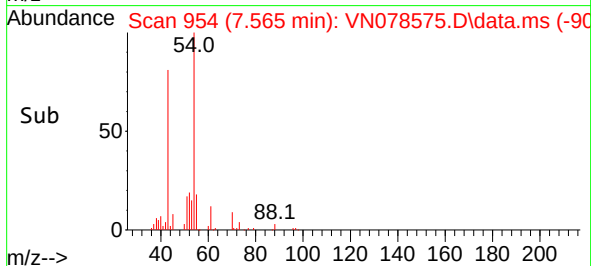
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 43 Resp: 126060
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 11.2 11.3 16.9

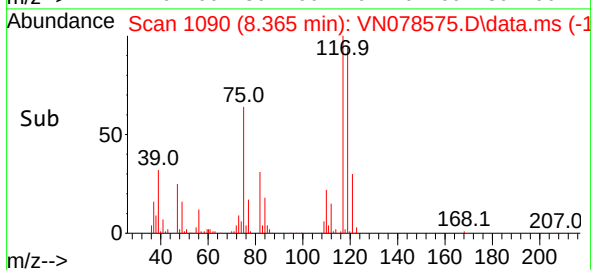
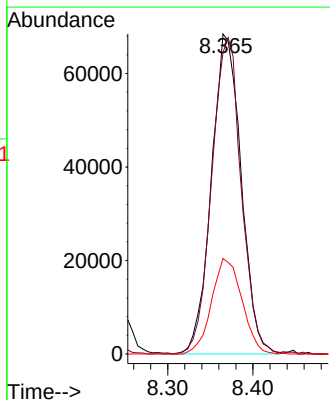
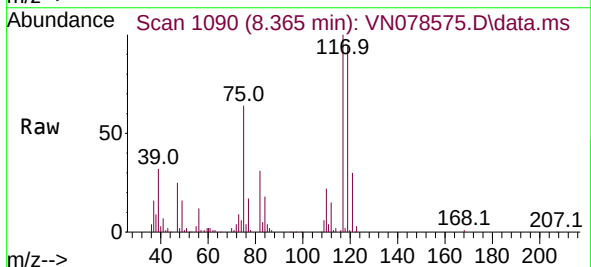
Manual Integrations
APPROVED

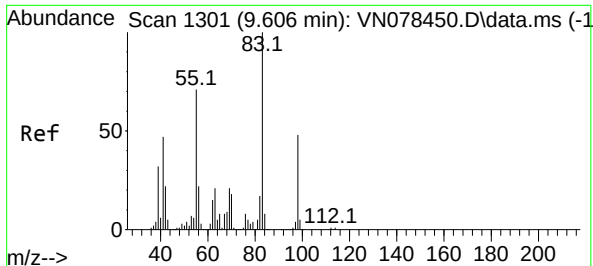
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#38
Carbon Tetrachloride
Concen: 19.294 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion:117 Resp: 166015
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 29.8 23.3 34.9





#39

Methylcyclohexane

Concen: 18.479 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion: 83 Resp: 133534

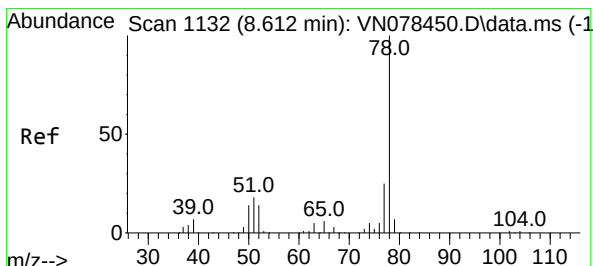
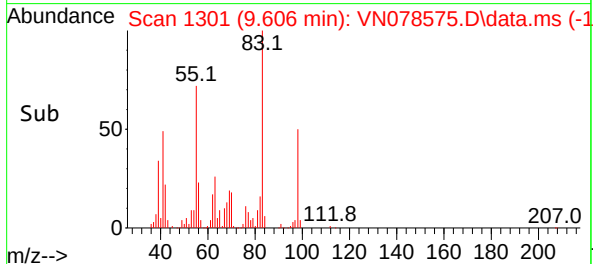
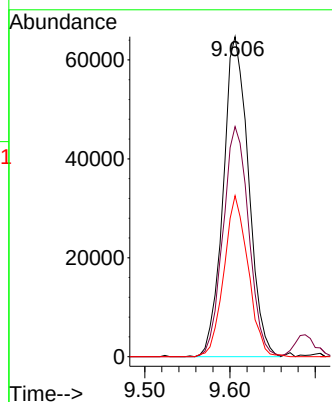
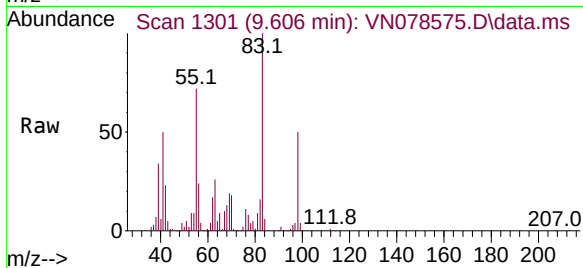
Ion	Ratio	Lower	Upper
83	100		
55	71.9	49.1	73.7
98	50.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#40

Benzene

Concen: 19.662 ug/l

RT: 8.612 min Scan# 1132

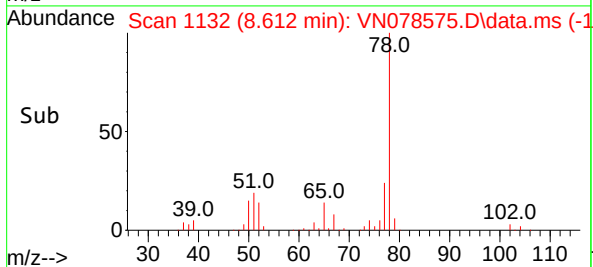
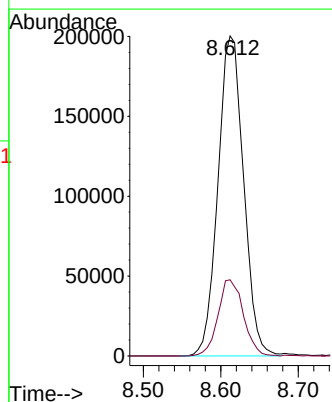
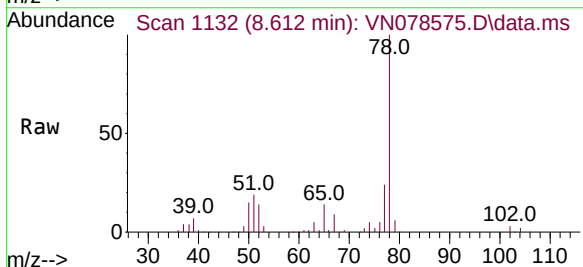
Delta R.T. -0.000 min

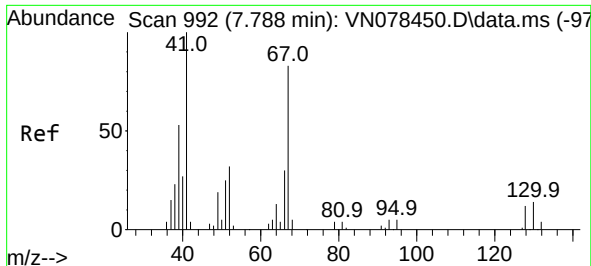
Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Tgt Ion: 78 Resp: 461155

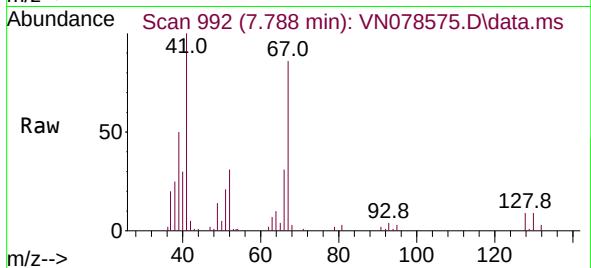
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 19.278 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

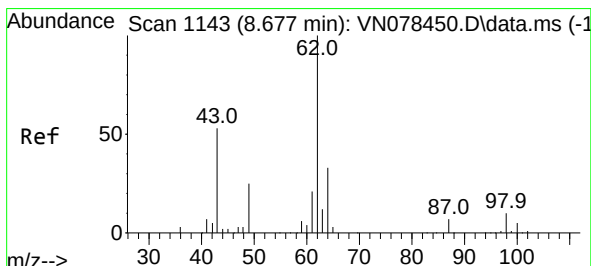
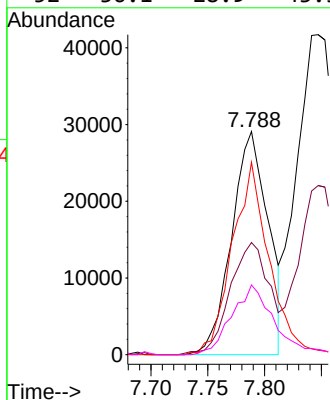
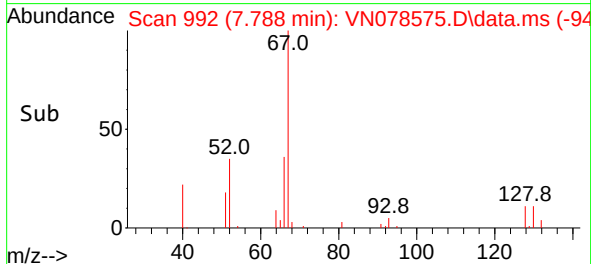
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 41 Resp: 64858
Ion Ratio Lower Upper
41 100
39 53.8 42.6 64.0
67 87.6 77.5 116.3
52 36.1 28.9 43.3

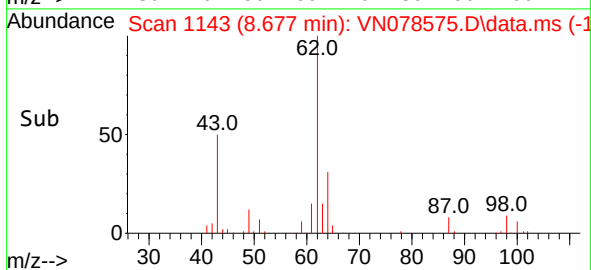
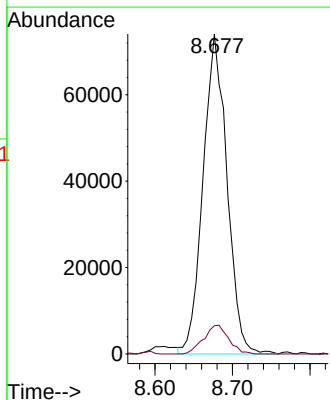
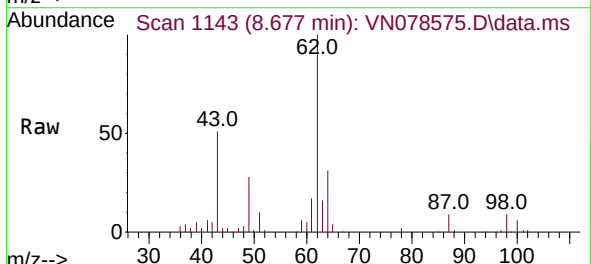
Manual Integrations
APPROVED

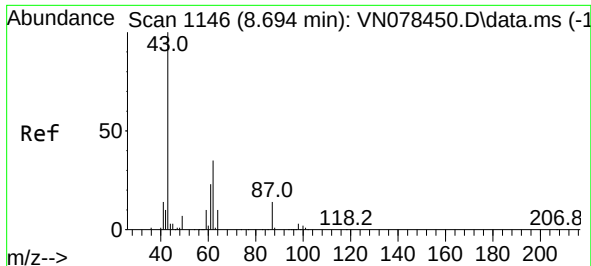
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#42
1,2-Dichloroethane
Concen: 19.953 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

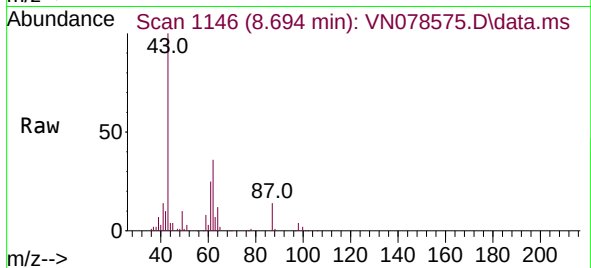
Tgt Ion: 62 Resp: 159180
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.874 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

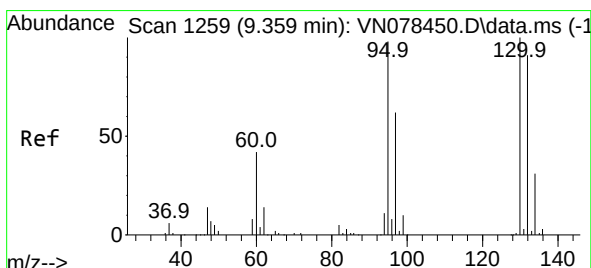
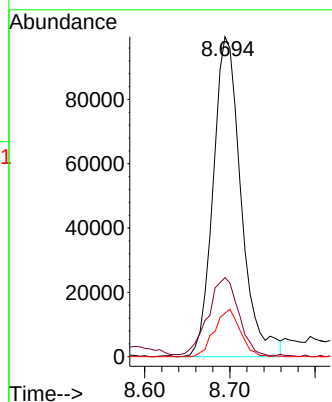
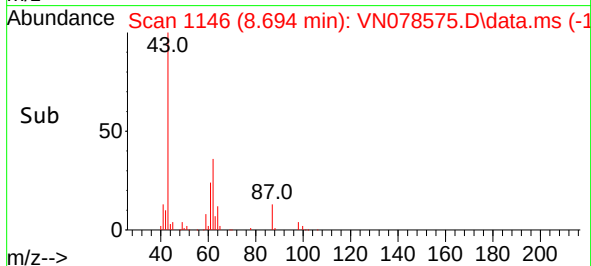
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 43 Resp: 226809
Ion Ratio Lower Upper
43 100
61 26.8 24.7 37.1
87 13.7 14.6 21.8

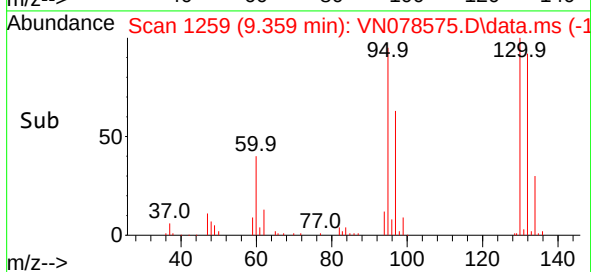
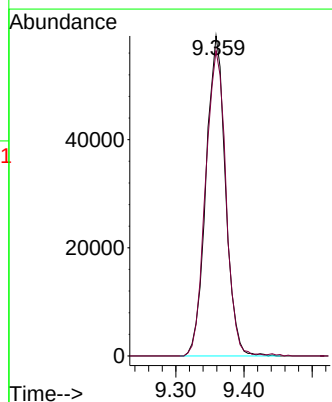
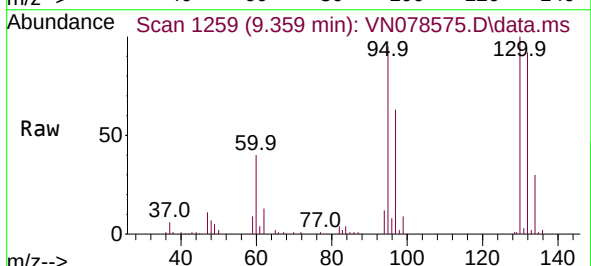
Manual Integrations
APPROVED

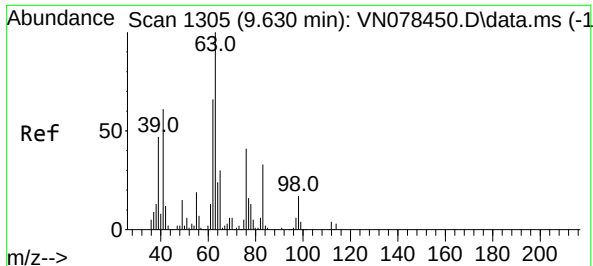
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#44
Trichloroethene
Concen: 18.620 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion:130 Resp: 117706
Ion Ratio Lower Upper
130 100
95 95.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.710 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion: 63 Resp: 12302

Ion Ratio Lower Upper

63 100

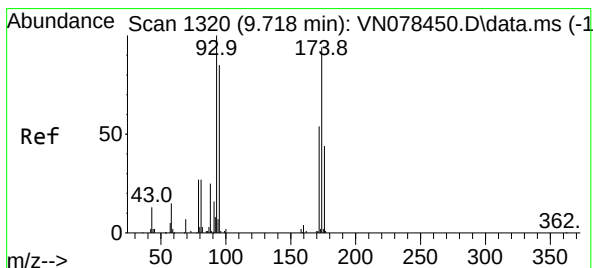
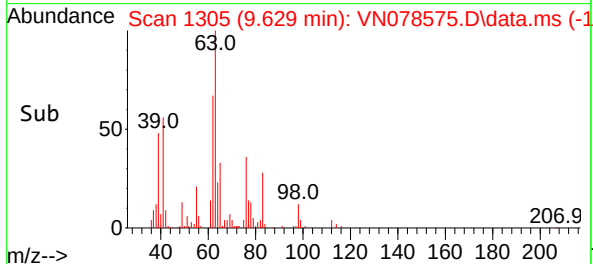
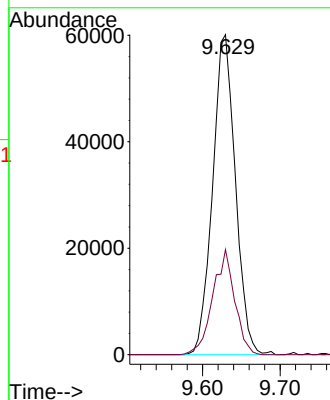
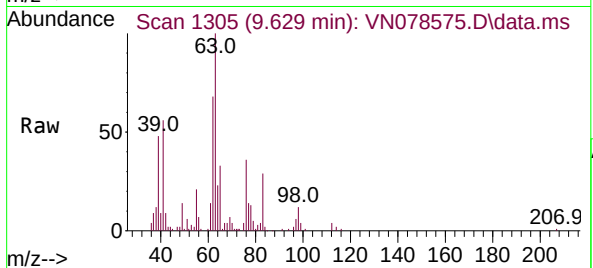
65 32.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#46

Dibromomethane

Concen: 19.838 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

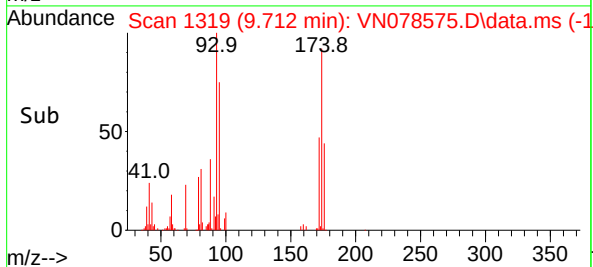
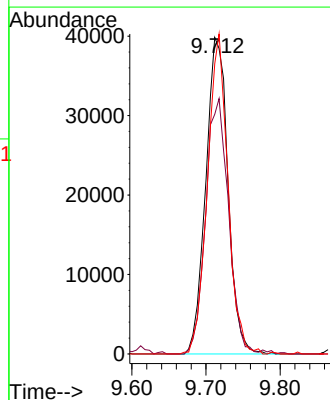
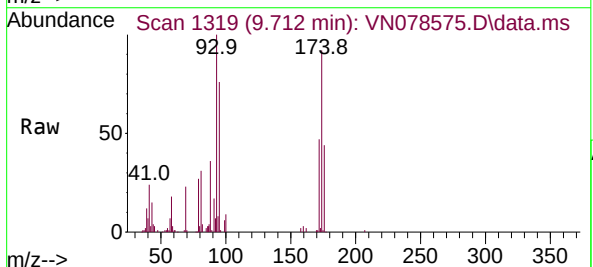
Tgt Ion: 93 Resp: 82941

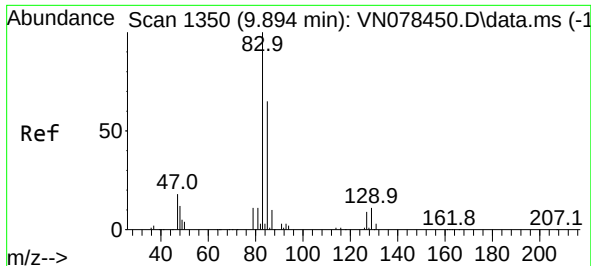
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

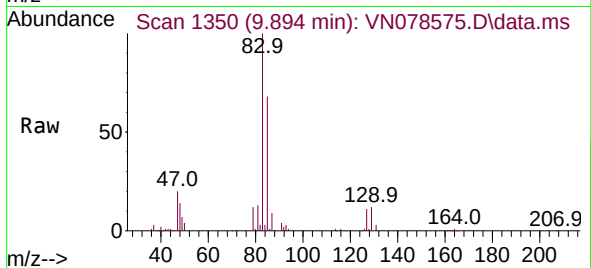
174 93.0 65.6 98.4





#47
Bromodichloromethane
Concen: 20.261 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

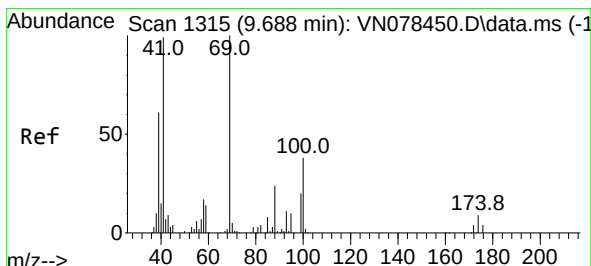
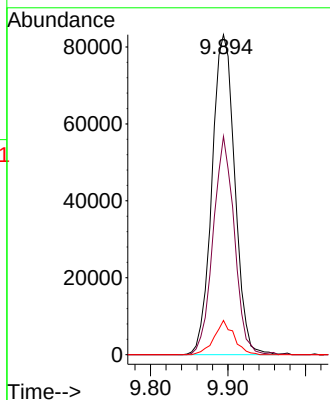
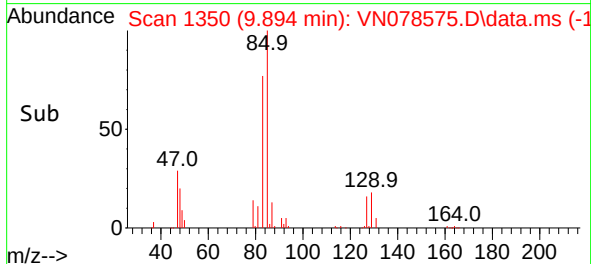
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



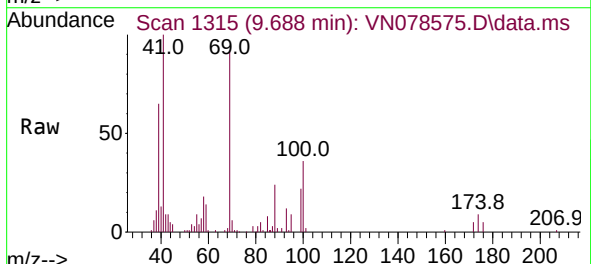
Tgt Ion: 83 Resp: 169800
Ion Ratio Lower Upper
83 100
85 68.2 49.6 74.4
127 10.7 7.0 10.6

Manual Integrations
APPROVED

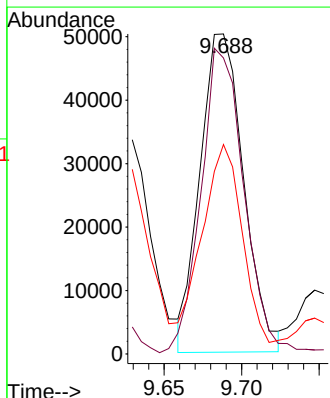
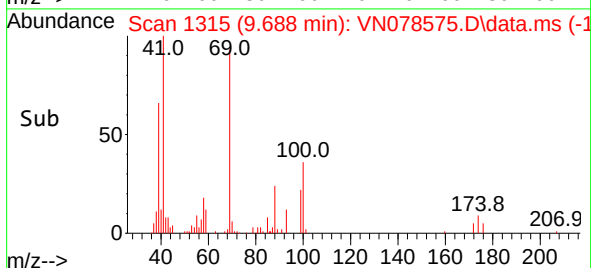
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

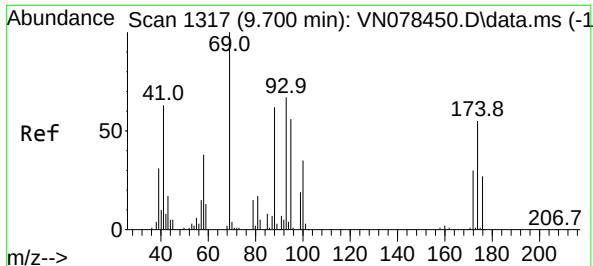


#48
Methyl methacrylate
Concen: 19.463 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



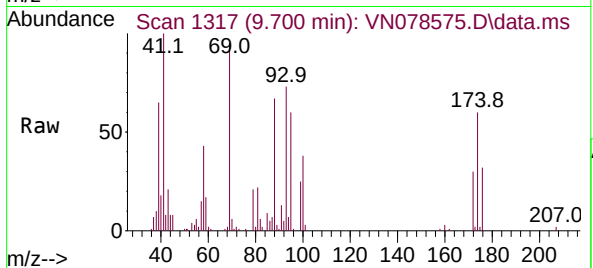
Tgt Ion: 41 Resp: 97974
Ion Ratio Lower Upper
41 100
69 95.2 90.4 135.6
39 64.8 54.6 81.8





#49
1,4-Dioxane
Concen: 375.803 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

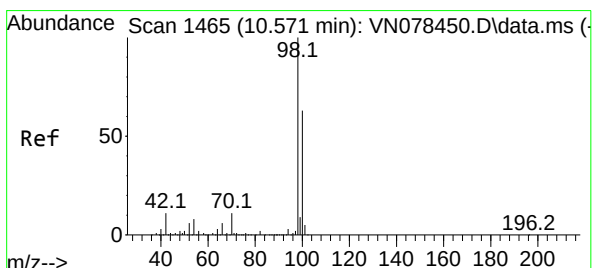
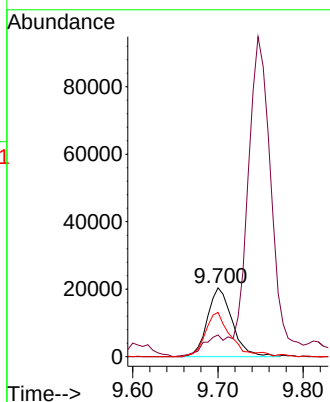
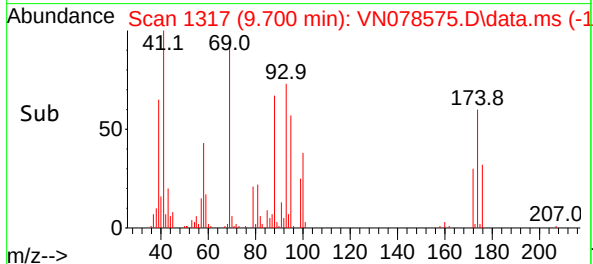
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 88 Resp: 4125
Ion Ratio Lower Upper
88 100
43 25.3 17.0 25.6
58 66.2 47.0 70.4

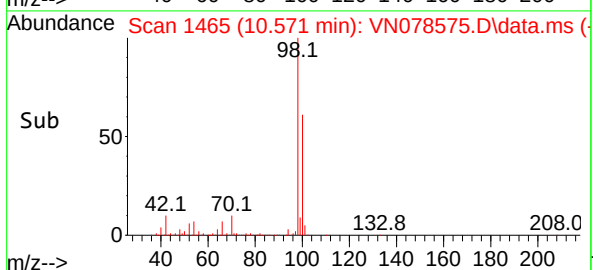
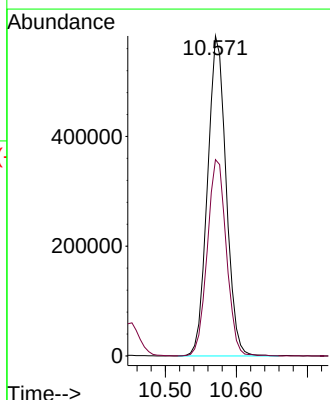
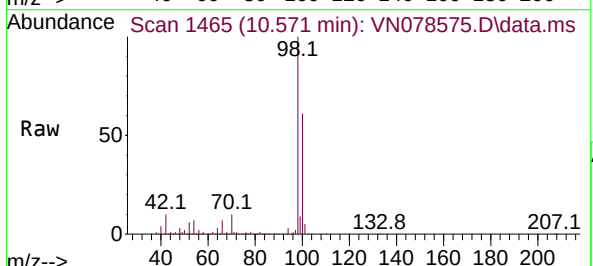
Manual Integrations
APPROVED

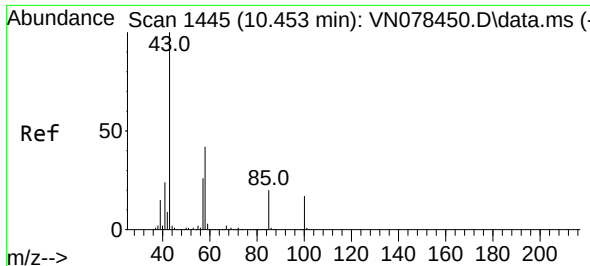
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#50
Toluene-d8
Concen: 51.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion: 98 Resp: 1059948
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





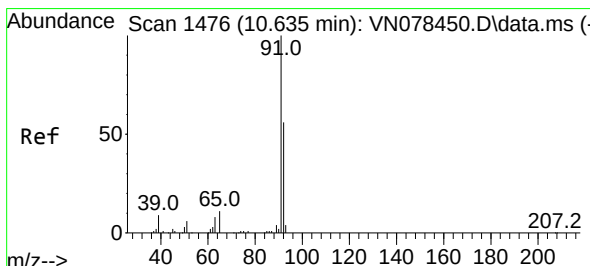
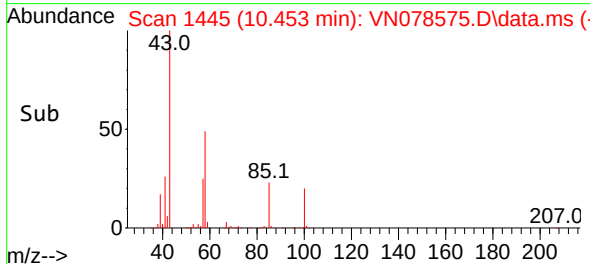
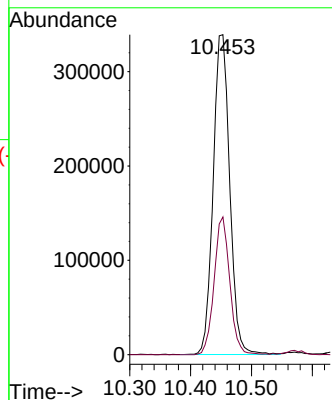
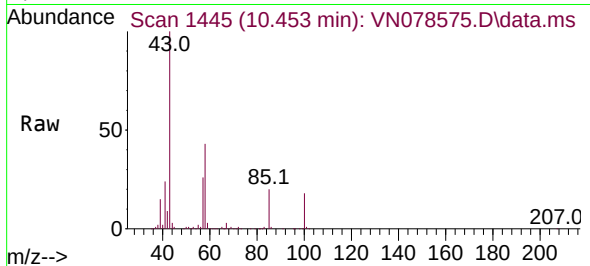
#51
4-Methyl-2-Pentanone
Concen: 99.222 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tgt Ion: 43 Resp: 641250
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

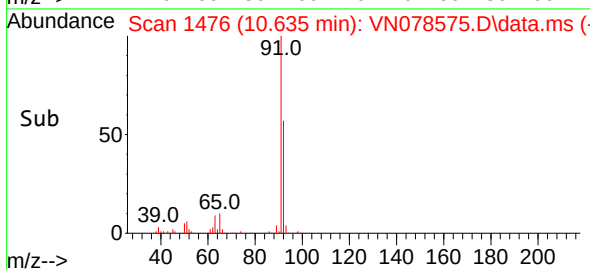
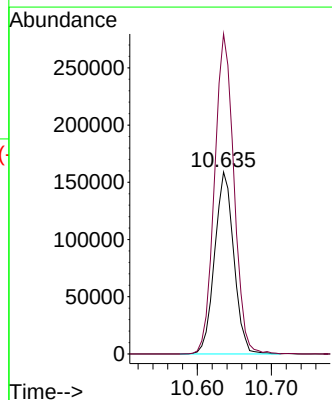
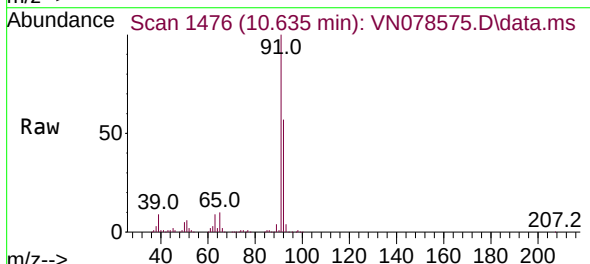
Manual Integrations
APPROVED

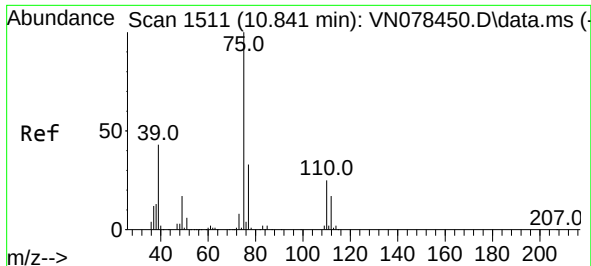
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#52
Toluene
Concen: 19.667 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

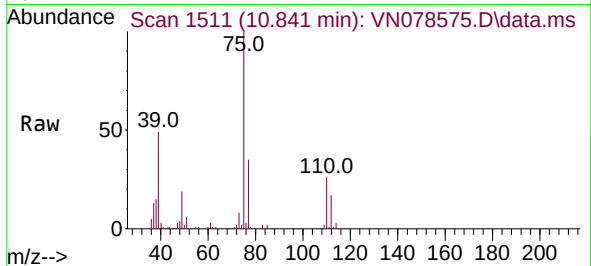
Tgt Ion: 92 Resp: 285893
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.781 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

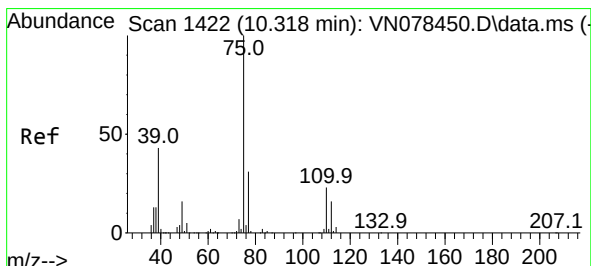
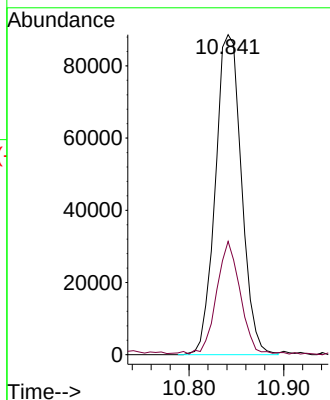
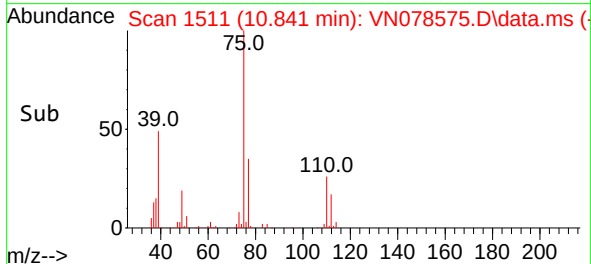
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



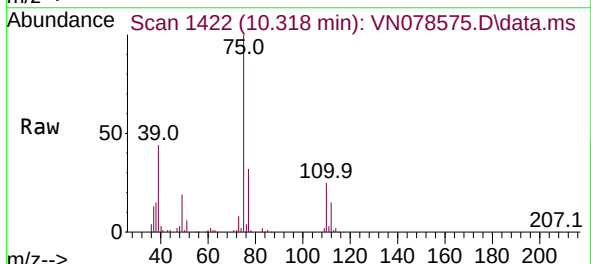
Tgt Ion: 75 Resp: 16984
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0

Manual Integrations
APPROVED

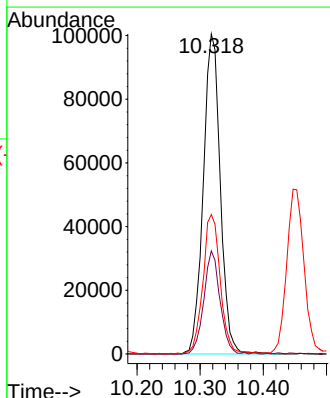
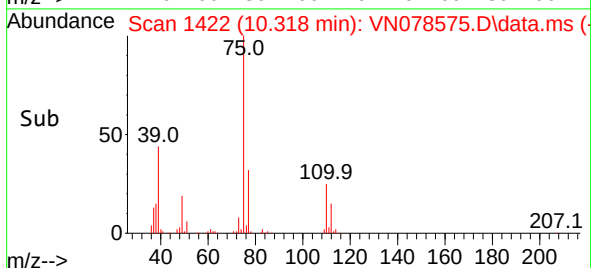
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

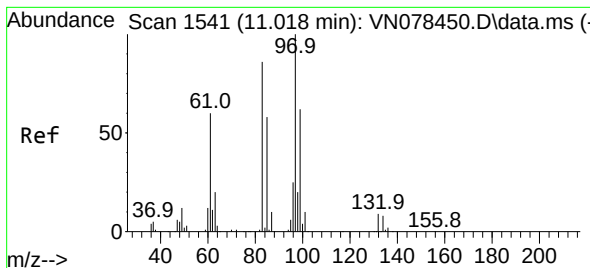


#54
cis-1,3-Dichloropropene
Concen: 20.534 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



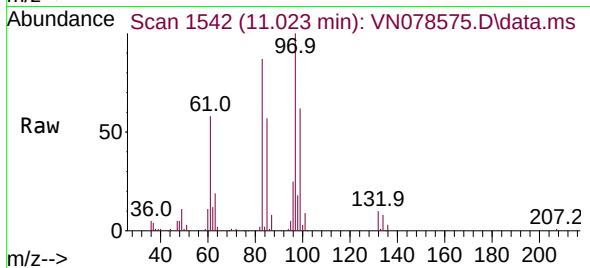
Tgt Ion: 75 Resp: 187937
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 43.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.395 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

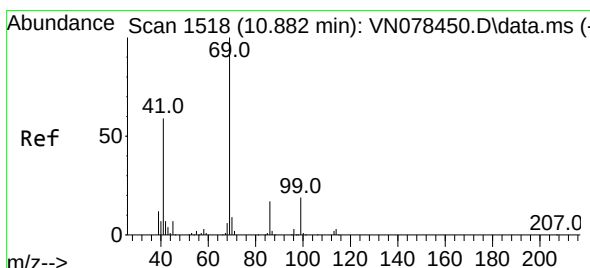
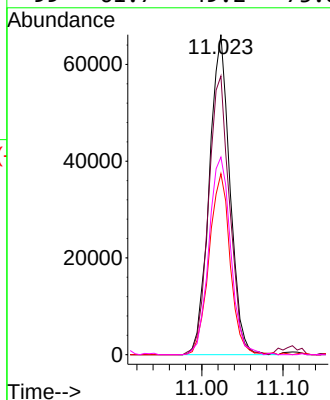
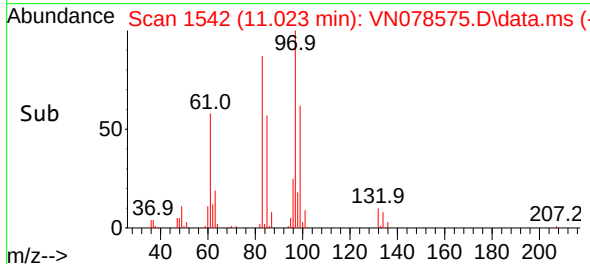
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



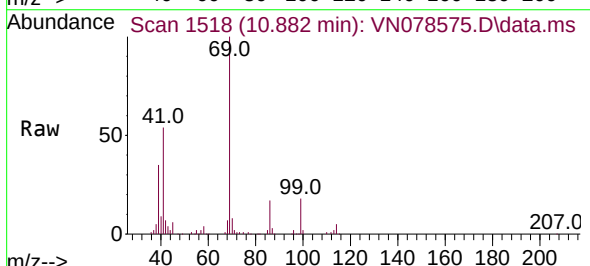
Tgt Ion: 97 Resp: 116810
Ion Ratio Lower Upper
97 100
83 87.1 65.1 97.7
85 56.6 43.4 65.2
99 61.7 49.2 73.8

Manual Integrations
APPROVED

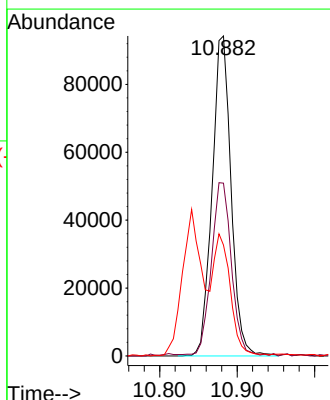
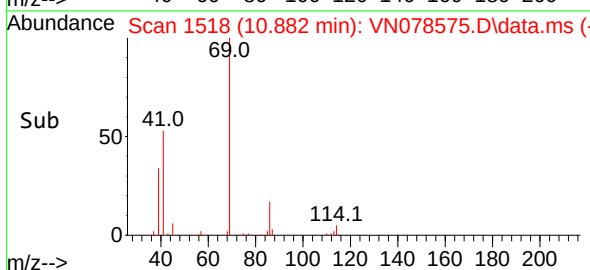
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

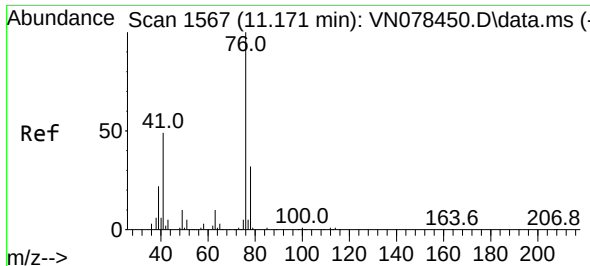


#56
Ethyl methacrylate
Concen: 20.004 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



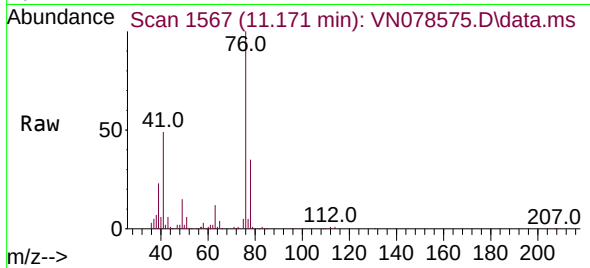
Tgt Ion: 69 Resp: 160156
Ion Ratio Lower Upper
69 100
41 57.1 39.6 59.4
39 32.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 20.072 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

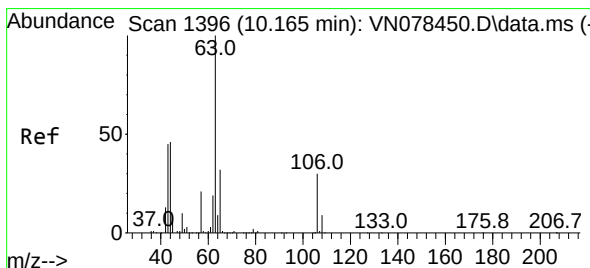
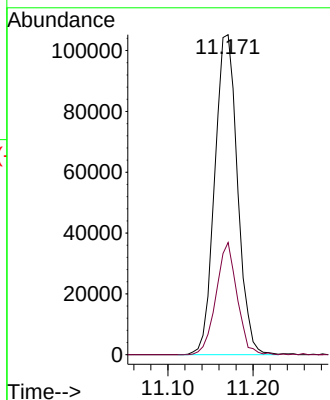
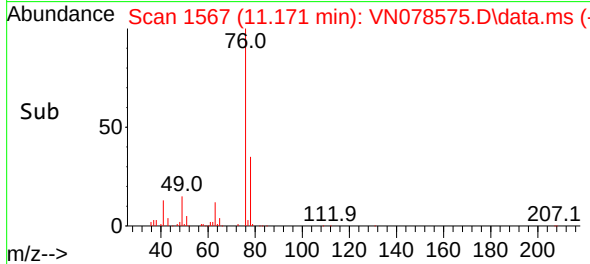
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 76 Resp: 19546
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

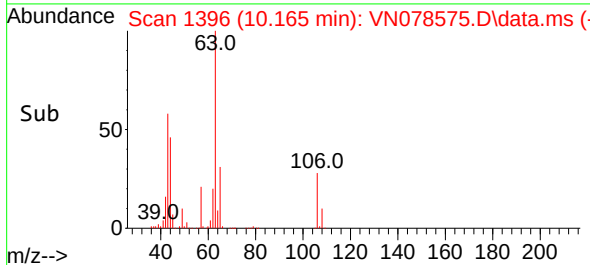
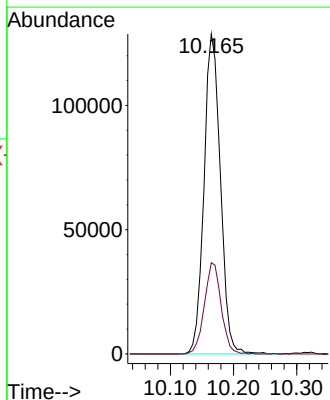
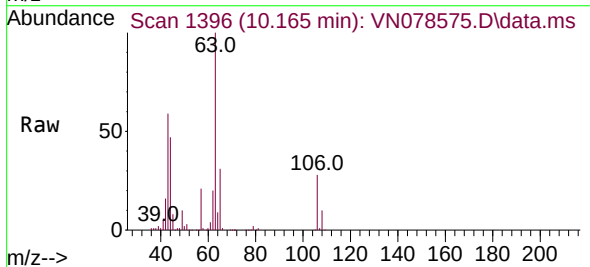
Manual Integrations
APPROVED

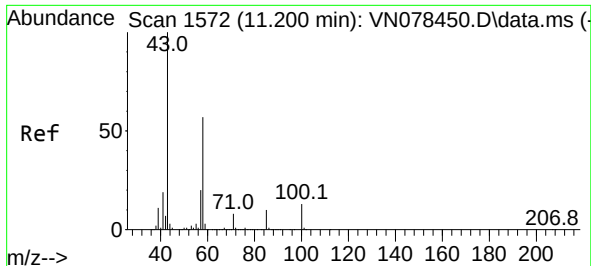
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 81.505 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

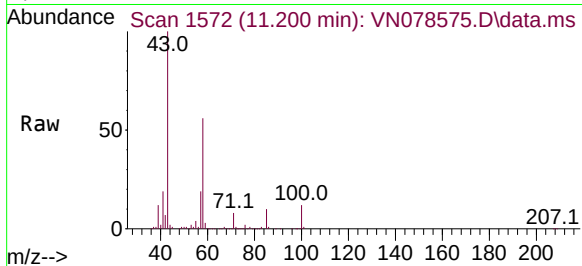
Tgt Ion: 63 Resp: 232544
Ion Ratio Lower Upper
63 100
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 96.156 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

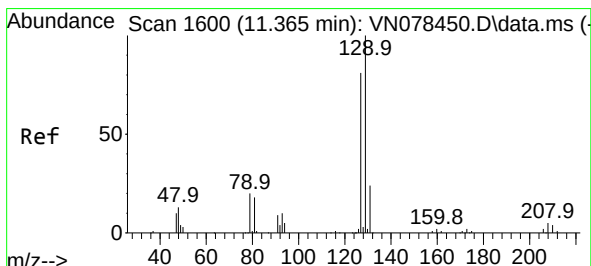
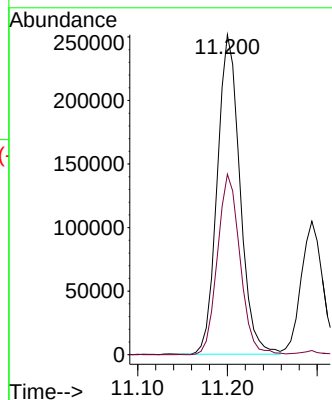
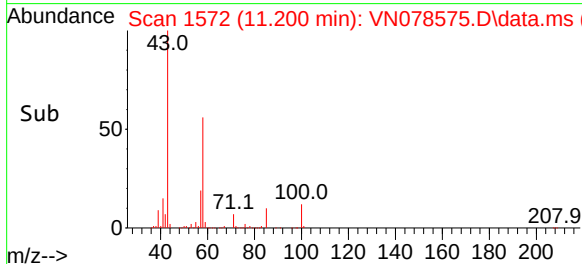
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 43 Resp: 441660
Ion Ratio Lower Upper
43 100
58 56.2 31.7 95.1

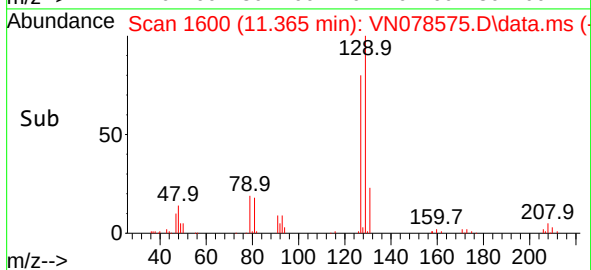
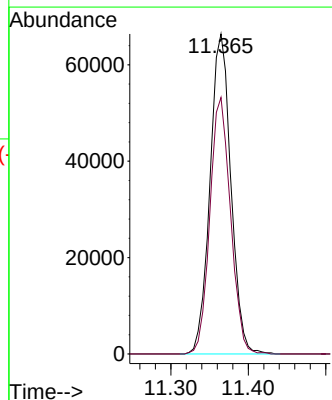
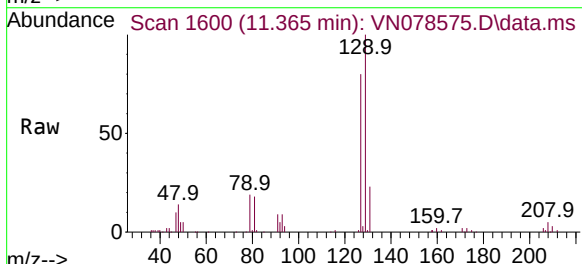
Manual Integrations
APPROVED

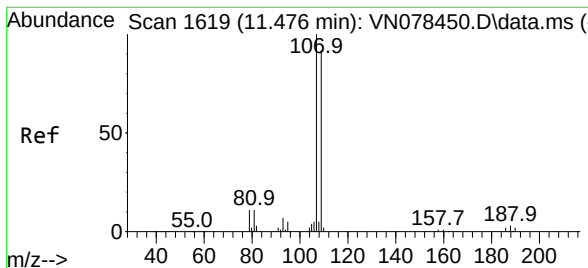
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#60
Dibromochloromethane
Concen: 19.666 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

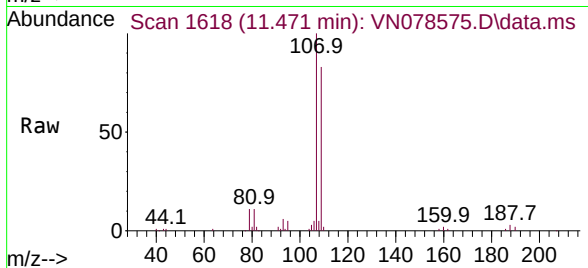
Tgt Ion:129 Resp: 124342
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.266 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

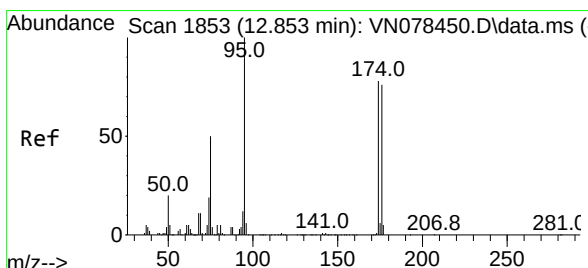
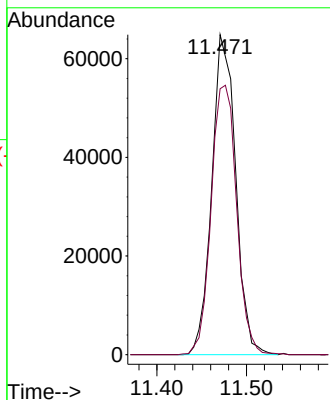
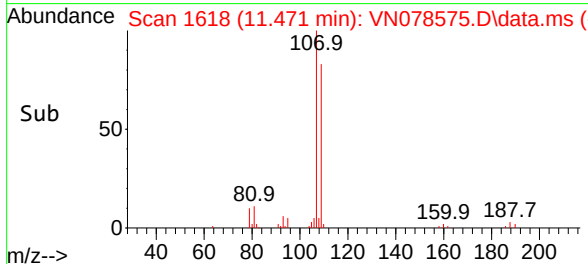
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:107 Resp: 11956
Ion Ratio Lower Upper
107 100
109 90.1 76.6 114.8

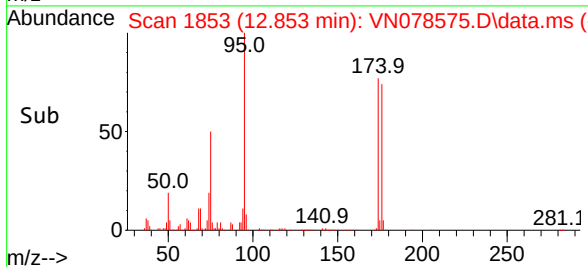
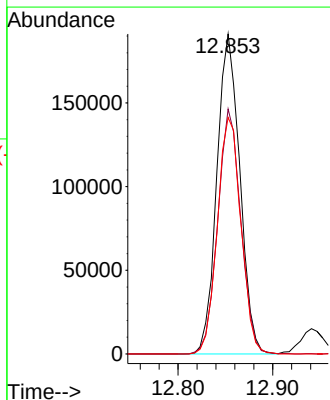
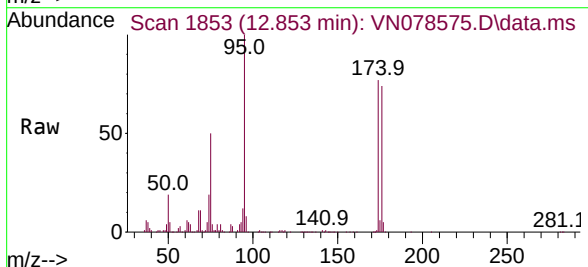
Manual Integrations
APPROVED

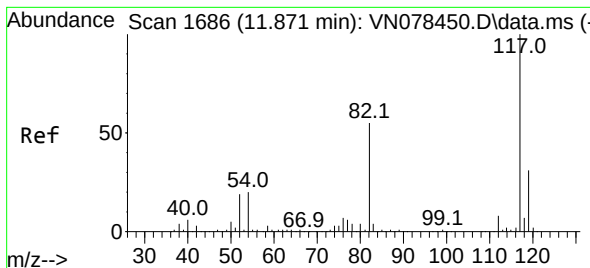
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#62
4-Bromofluorobenzene
Concen: 50.521 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

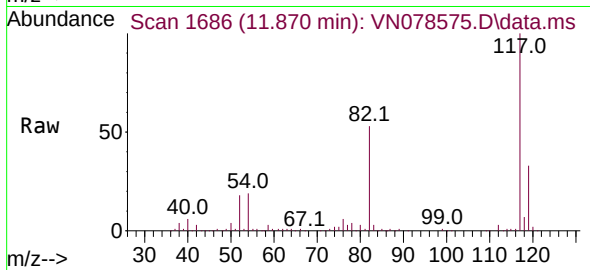
Tgt Ion: 95 Resp: 322322
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 75.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

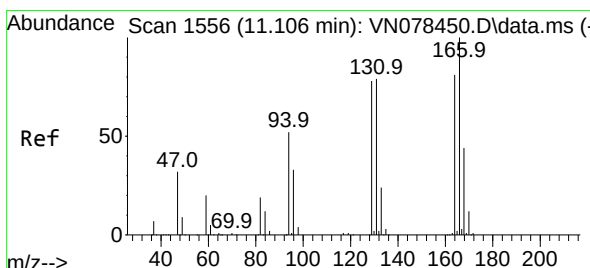
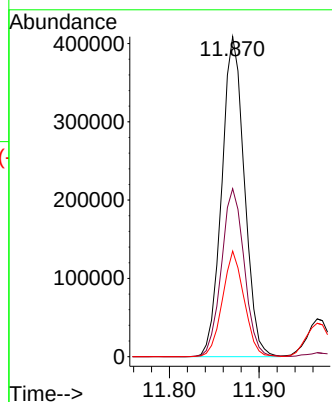
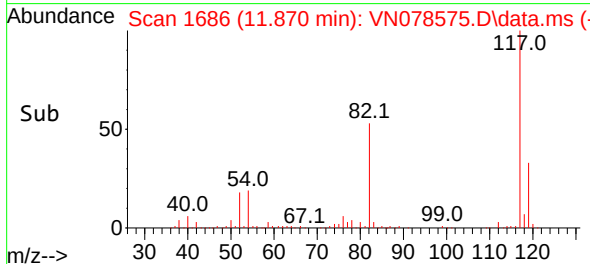
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:117 Resp: 71513
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 33.0 25.6 38.4

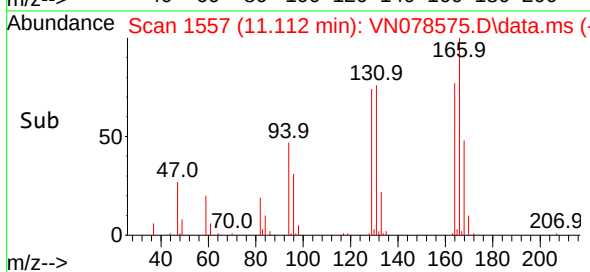
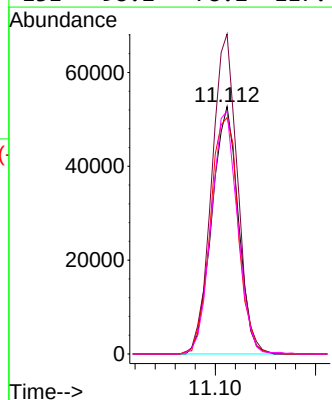
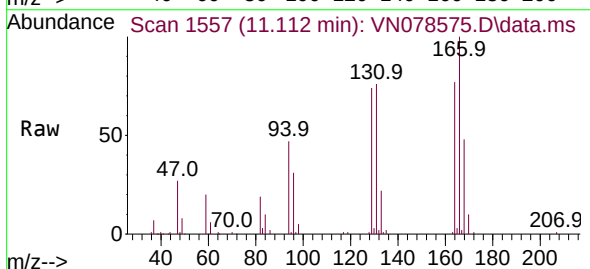
Manual Integrations
APPROVED

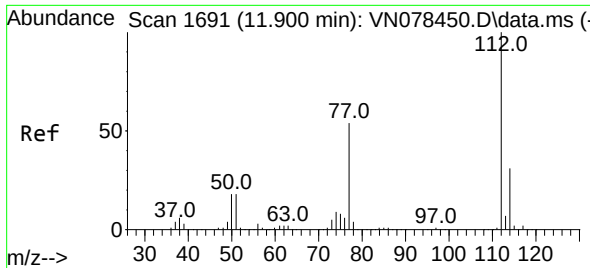
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#64
Tetrachloroethene
Concen: 17.915 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

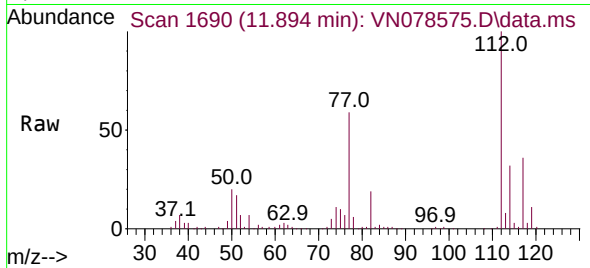
Tgt Ion:164 Resp: 96322
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 95.6 82.4 123.6
131 98.2 78.2 117.4





#65
Chlorobenzene
Concen: 18.953 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

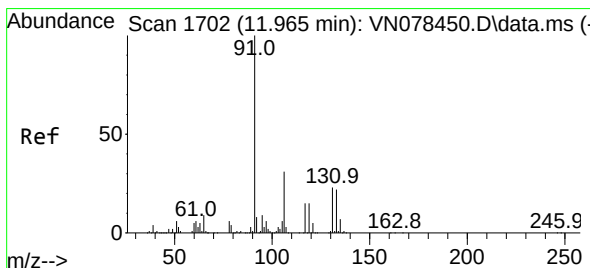
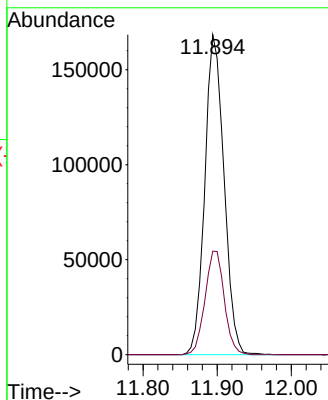
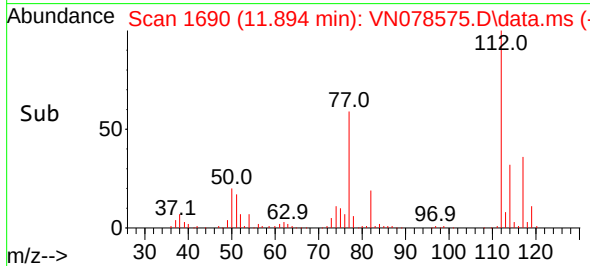
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:112 Resp: 302964
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

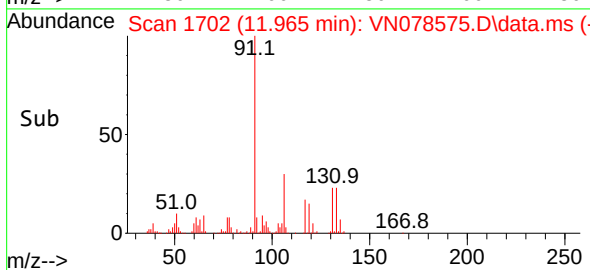
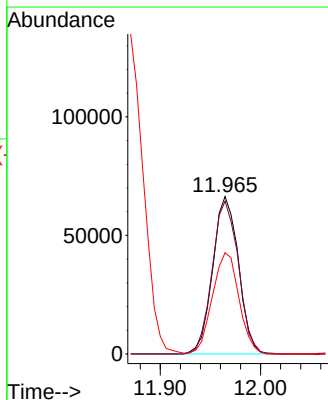
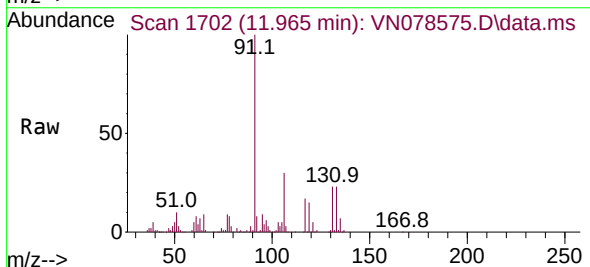
Manual Integrations
APPROVED

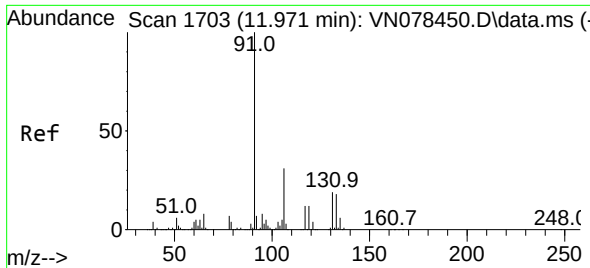
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

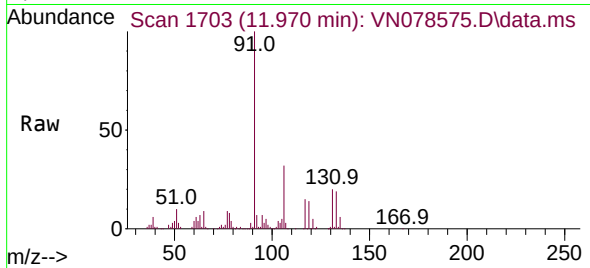
Tgt Ion:131 Resp: 118119
Ion Ratio Lower Upper
131 100
133 99.0 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 19.263 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

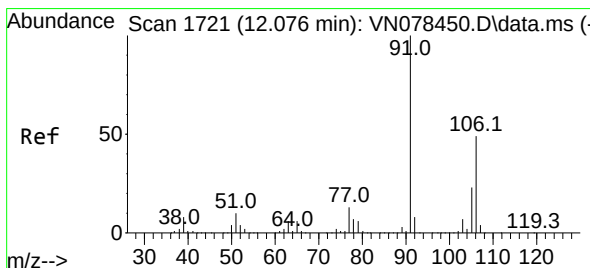
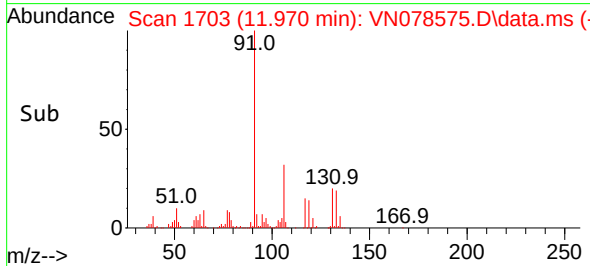
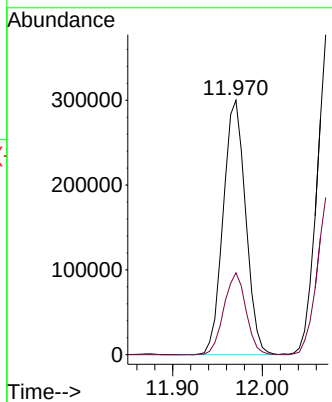
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 91 Resp: 520480
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

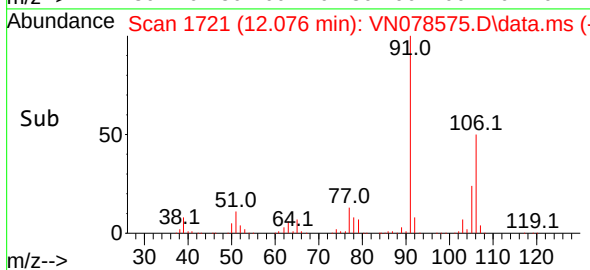
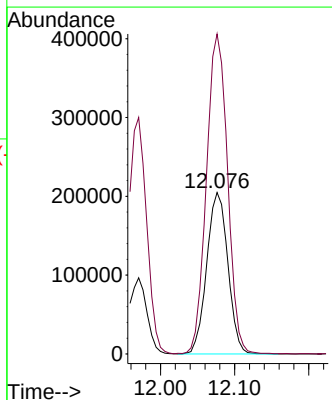
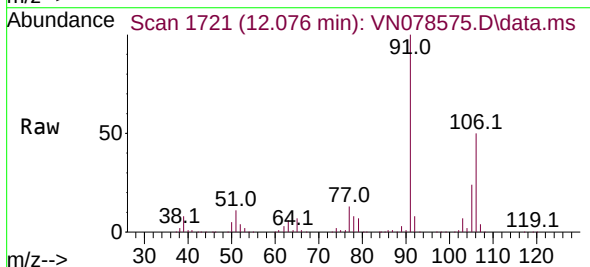
Manual Integrations
APPROVED

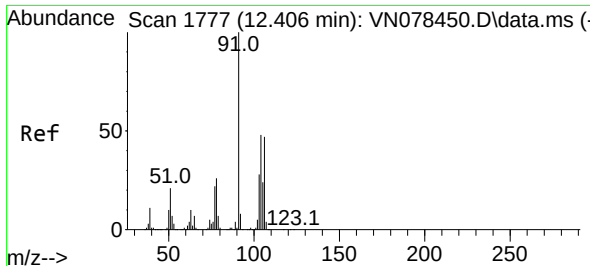
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#68
m/p-Xylenes
Concen: 40.644 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

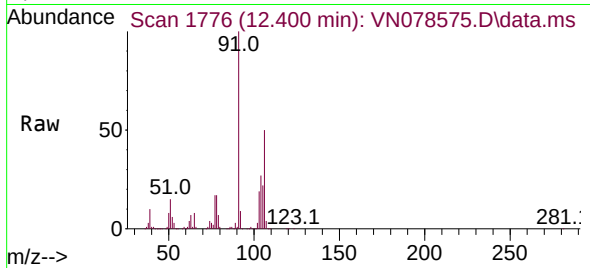
Tgt Ion:106 Resp: 406035
Ion Ratio Lower Upper
106 100
91 198.0 159.6 239.4





#69
o-Xylene
Concen: 19.125 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

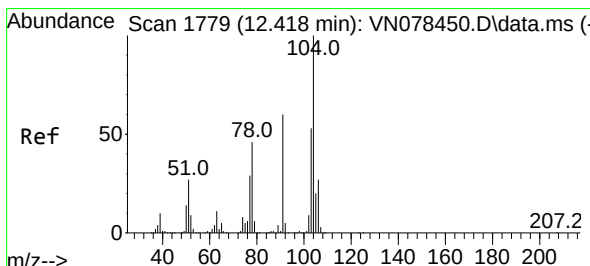
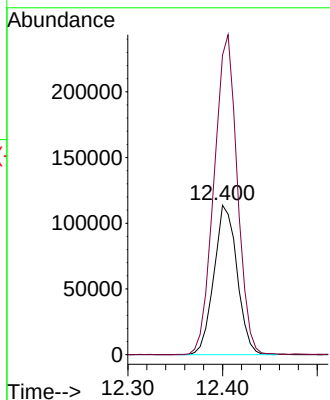
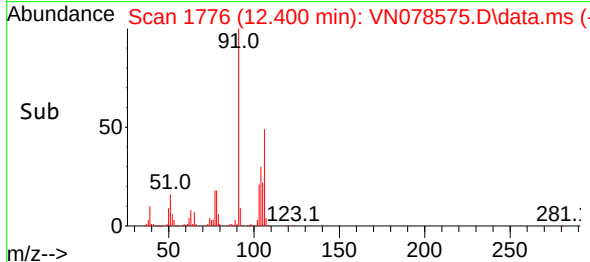
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:106 Resp: 192978
Ion Ratio Lower Upper
106 100
91 215.3 105.2 315.5

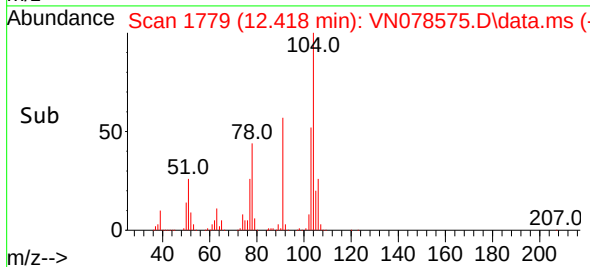
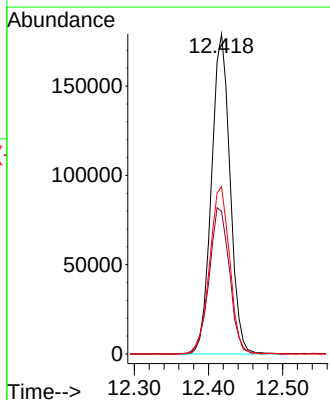
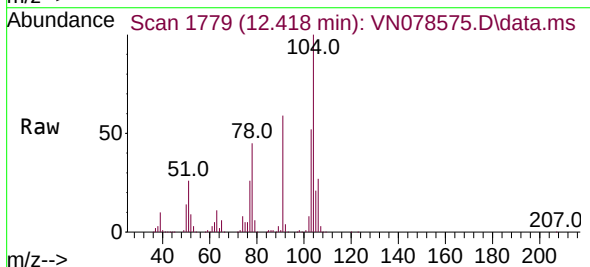
Manual Integrations
APPROVED

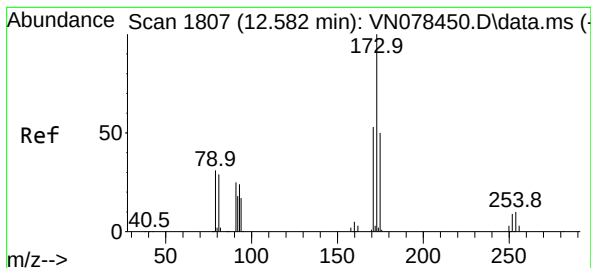
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#70
Styrene
Concen: 19.743 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion:104 Resp: 311672
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 18.883 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

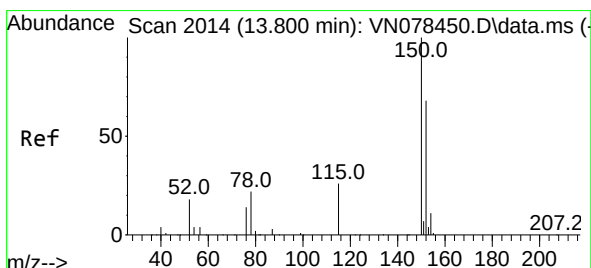
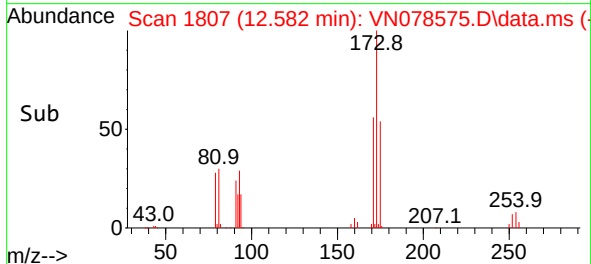
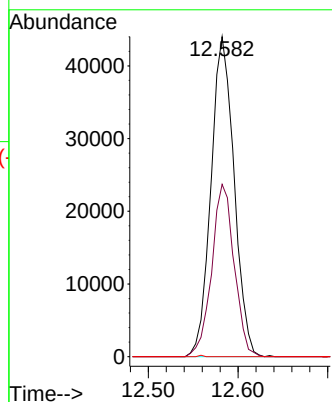
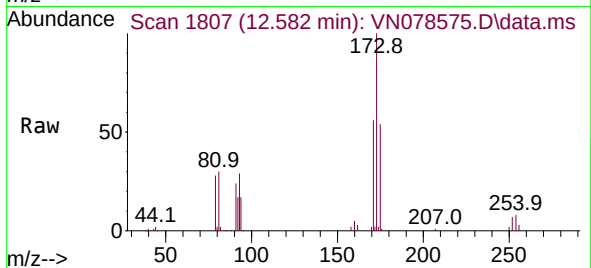
Tgt Ion:	173	Resp:	7864
Ion Ratio	Lower	Upper	
173	100		
175	52.3	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

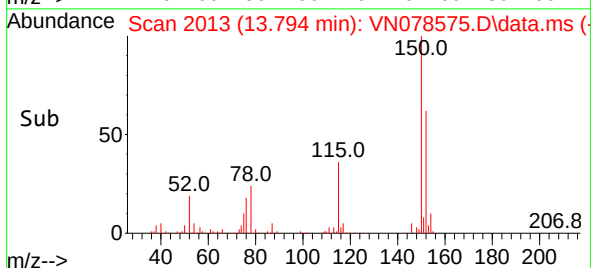
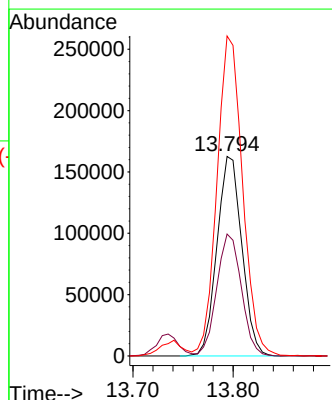
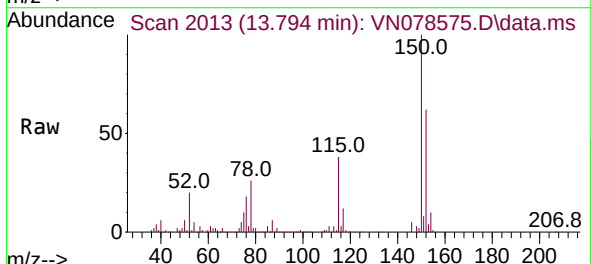
RT: 13.794 min Scan# 2013

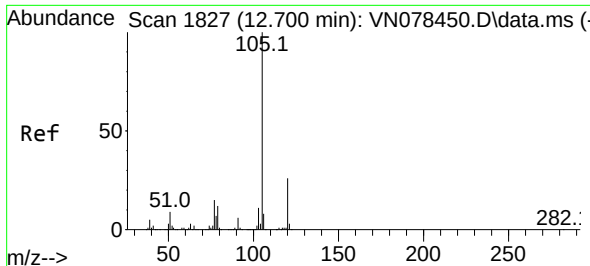
Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

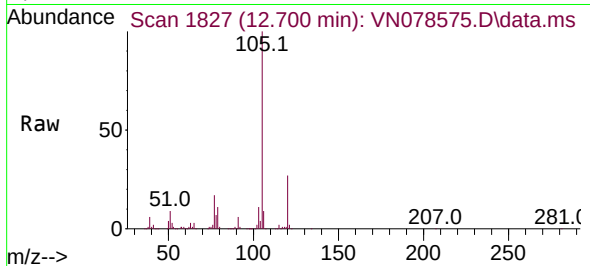
Tgt Ion:	152	Resp:	280322
Ion Ratio	Lower	Upper	
152	100		
115	60.3	32.3	96.8
150	165.1	0.0	355.8





#73
Isopropylbenzene
Concen: 18.303 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

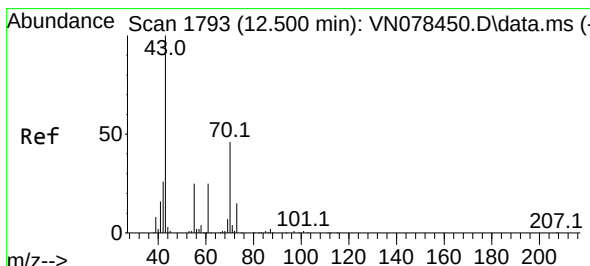
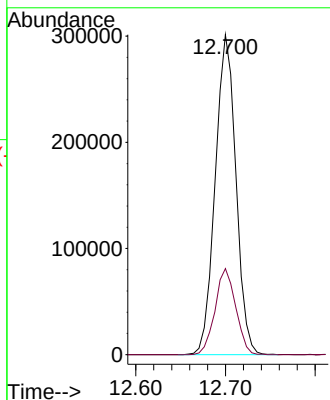
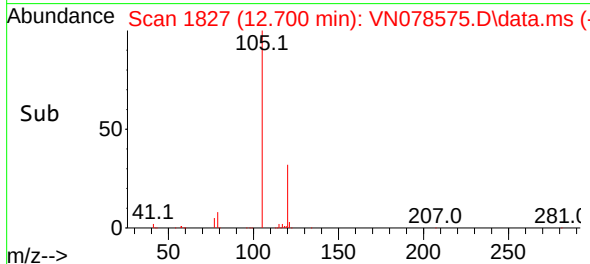
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



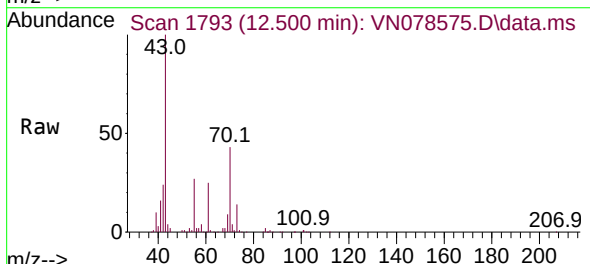
Tgt Ion:105 Resp: 482098
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
APPROVED

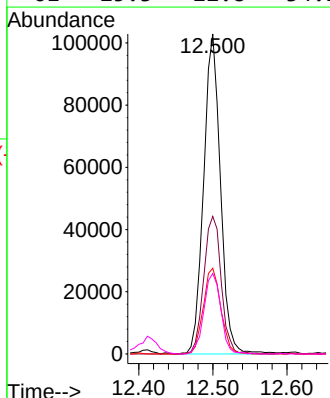
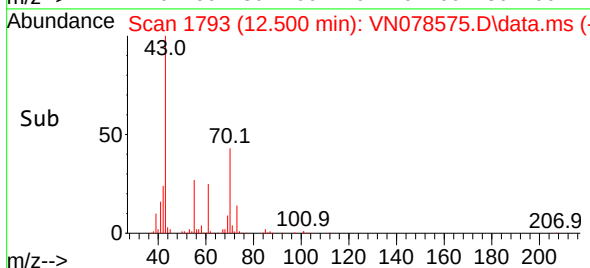
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

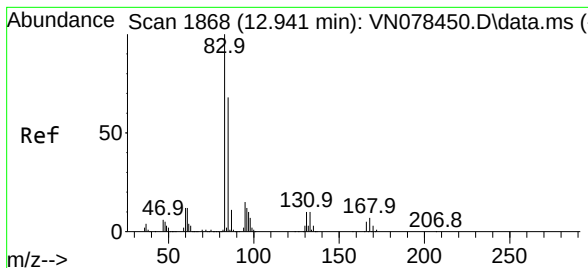


#74
N-ethyl acetate
Concen: 17.931 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



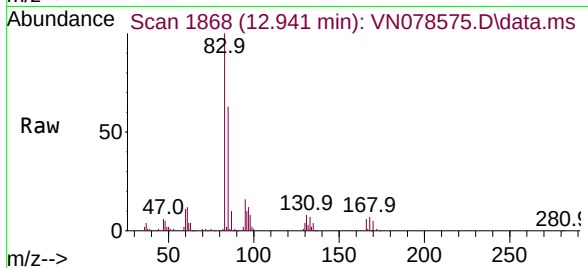
Tgt Ion: 43 Resp: 162769
Ion Ratio Lower Upper
43 100
70 44.6 43.4 65.2
55 27.9 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.479 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

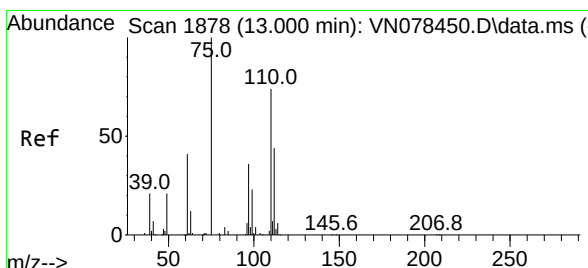
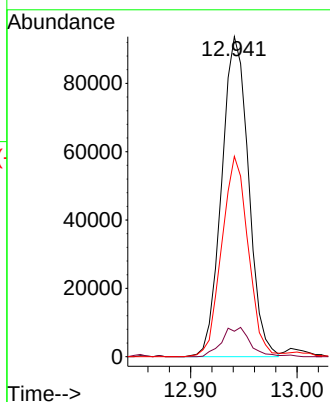
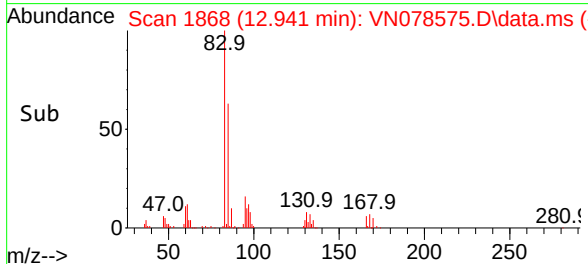
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



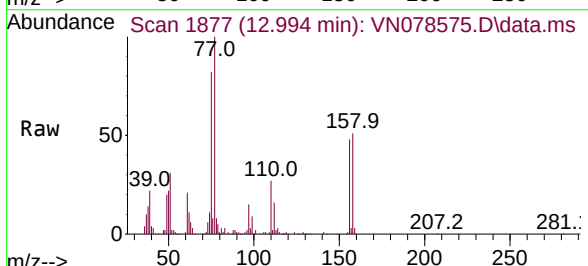
Tgt Ion: 83 Resp: 164114
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 61.9 31.9 95.7

Manual Integrations
APPROVED

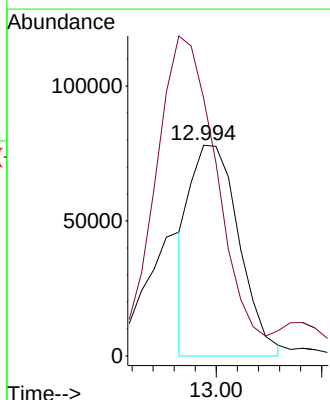
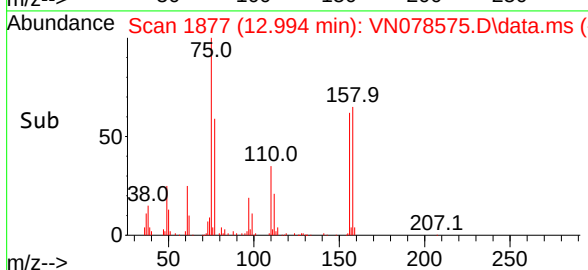
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

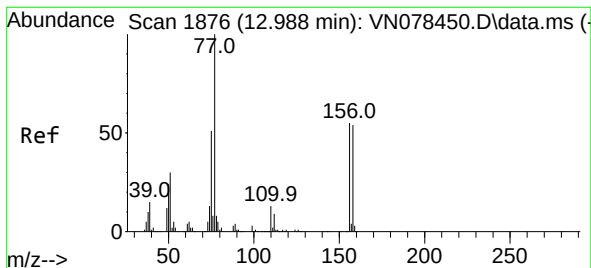


#76
1,2,3-Trichloropropane
Concen: 18.606 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



Tgt Ion: 75 Resp: 126070
Ion Ratio Lower Upper
75 100
77 193.1 84.5 253.5





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 12.982 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion:156 Resp: 117448

Ion Ratio Lower Upper

156 100

77 207.3 107.7 323.3

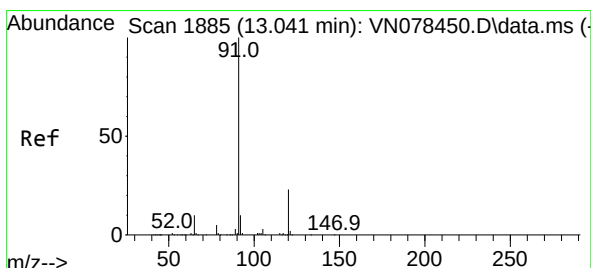
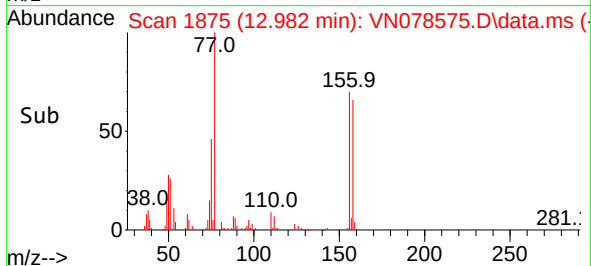
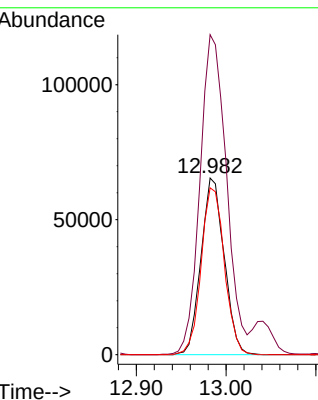
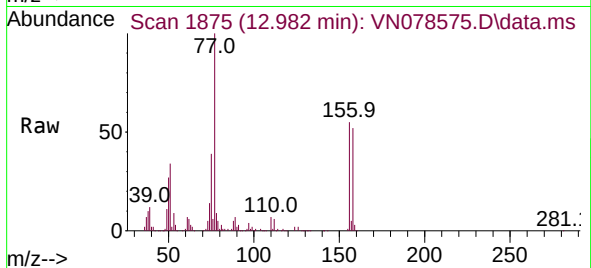
158 94.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#78

n-propylbenzene

Concen: 19.205 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078575.D

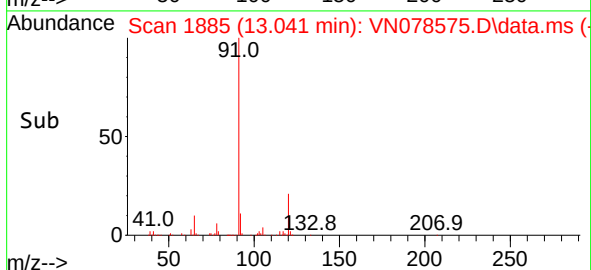
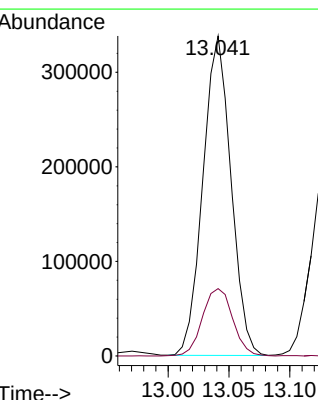
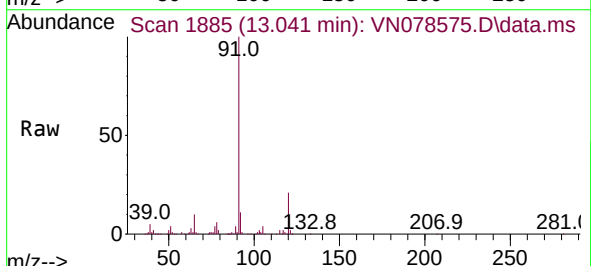
Acq: 19 Jul 2023 13:00

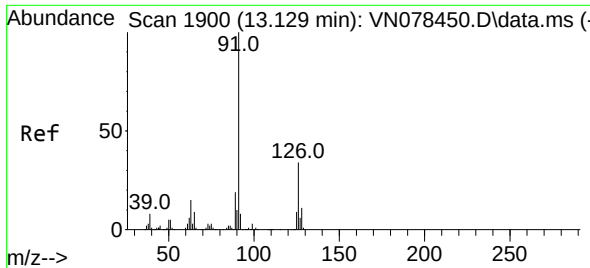
Tgt Ion: 91 Resp: 541000

Ion Ratio Lower Upper

91 100

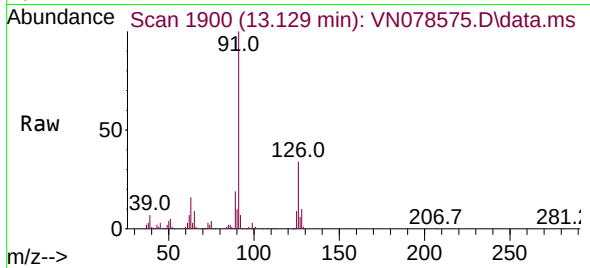
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.610 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

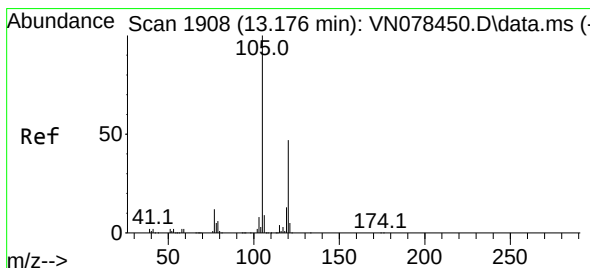
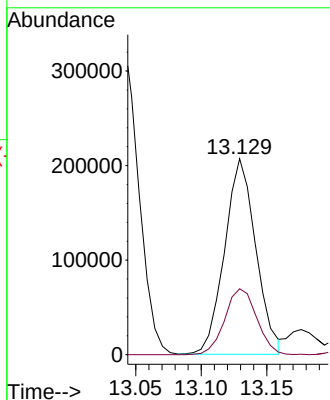
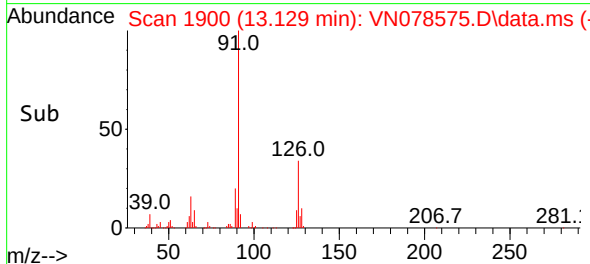
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



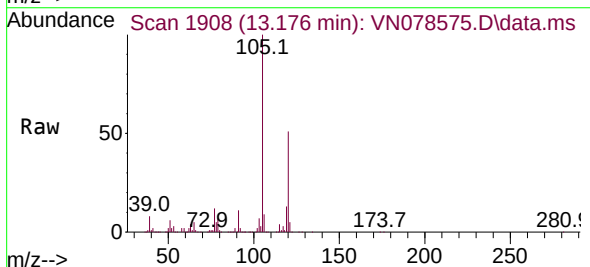
Tgt Ion: 91 Resp: 343389
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

Manual Integrations
APPROVED

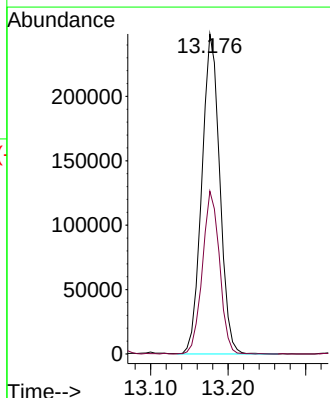
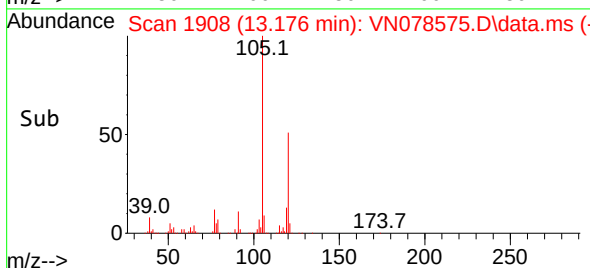
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

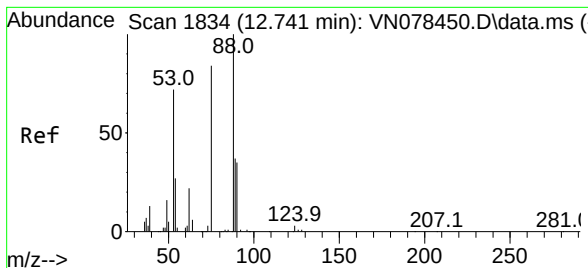


#80
1,3,5-Trimethylbenzene
Concen: 19.163 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00



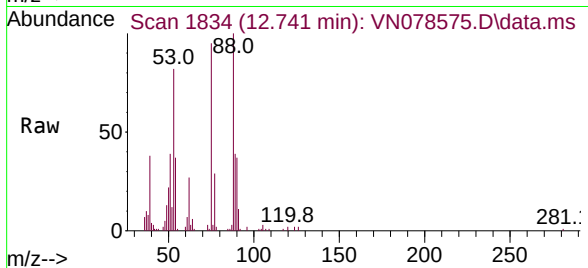
Tgt Ion:105 Resp: 398824
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.410 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

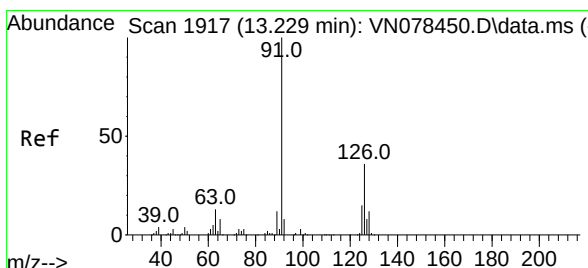
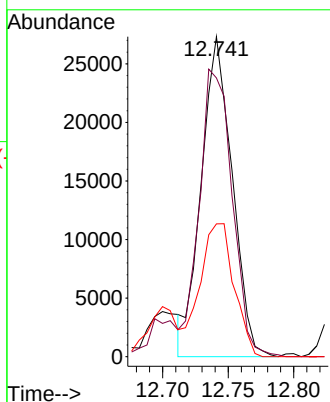
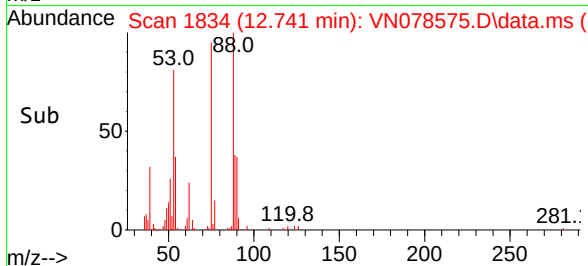
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 75 Resp: 4489
Ion Ratio Lower Upper
75 100
53 95.6 67.4 101.2
89 46.6 38.8 58.2

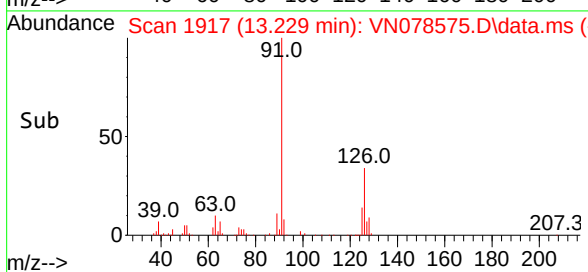
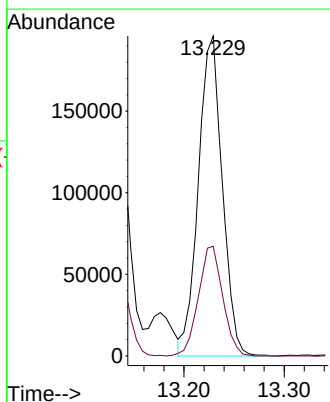
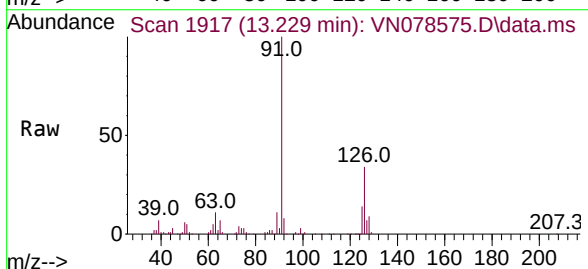
Manual Integrations
APPROVED

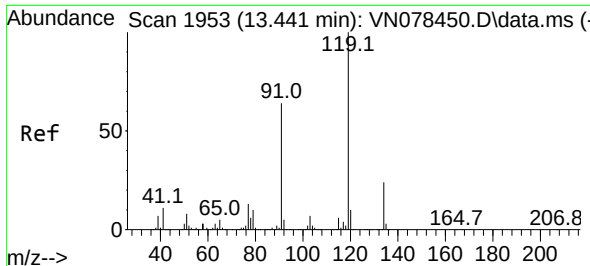
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#82
4-Chlorotoluene
Concen: 18.926 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

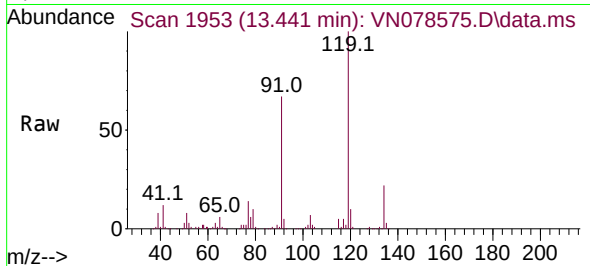
Tgt Ion: 91 Resp: 325770
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 18.919 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00

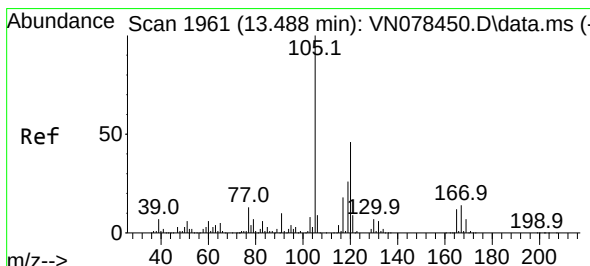
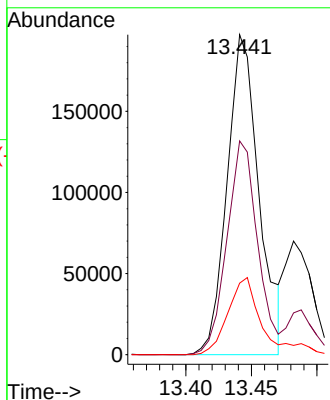
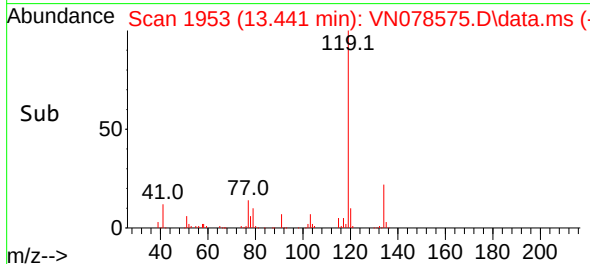
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01



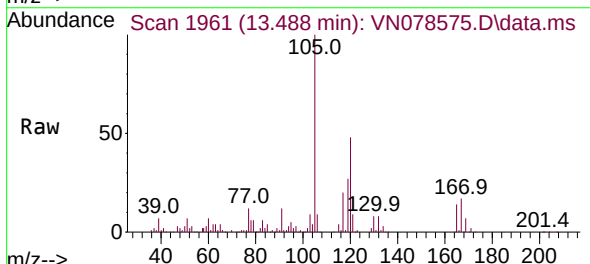
Tgt Ion:119 Resp: 33428
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.9 101.7
 134 25.9 13.2 39.6

Manual Integrations
 APPROVED

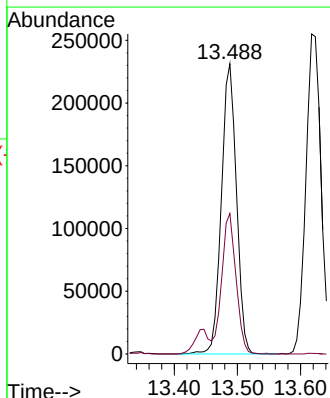
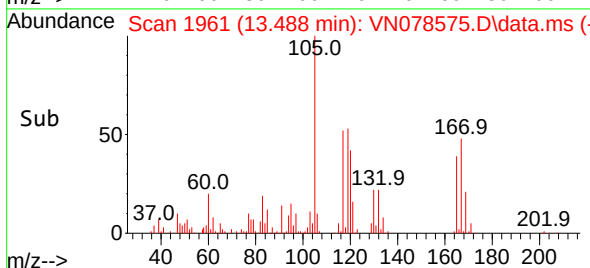
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

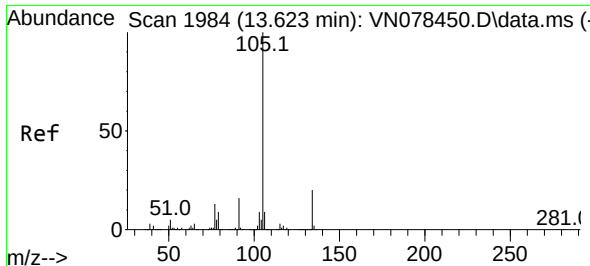


#84
 1,2,4-Trimethylbenzene
 Concen: 18.951 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00



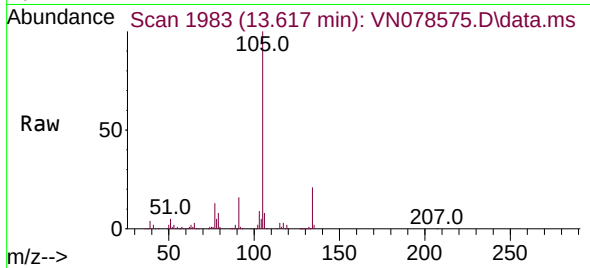
Tgt Ion:105 Resp: 383096
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.975 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00

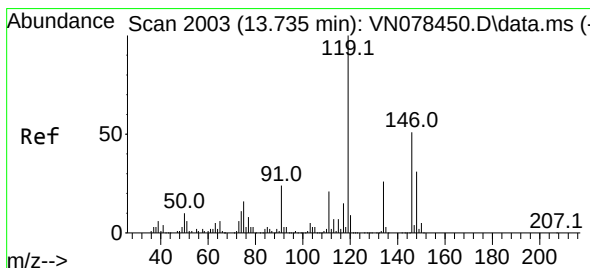
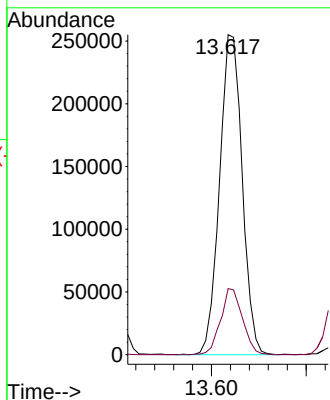
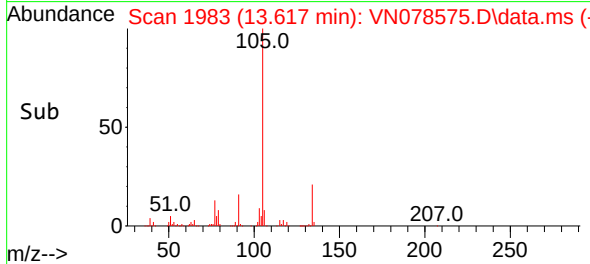
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01



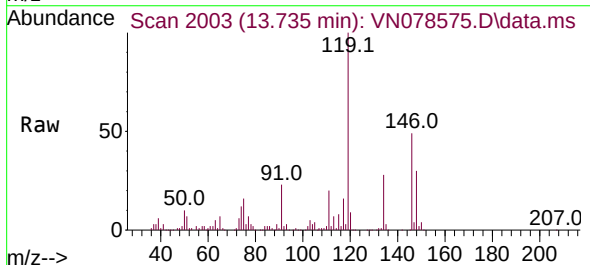
Tgt Ion:105 Resp: 423790
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

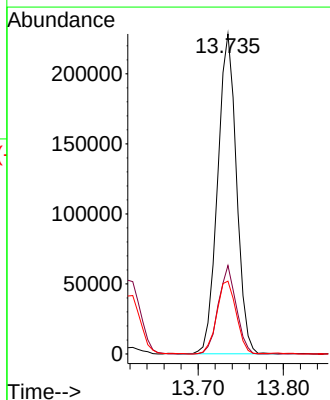
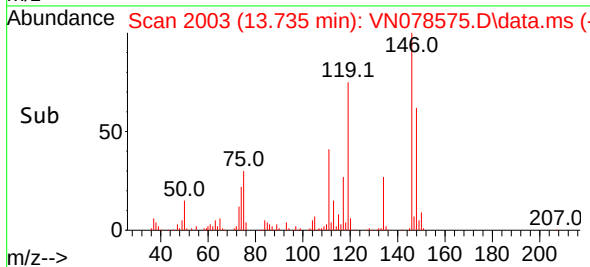
Reviewed By :John Carlone 07/20/2023
 Supervised By :Mahesh Dadoda 07/20/2023

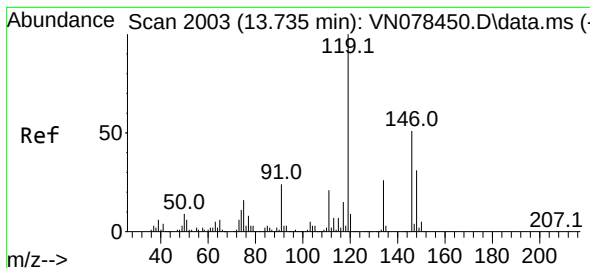


#86
 p-Isopropyltoluene
 Concen: 19.586 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078575.D
 Acq: 19 Jul 2023 13:00



Tgt Ion:119 Resp: 351249
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.317 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

Tgt Ion:146 Resp: 195330

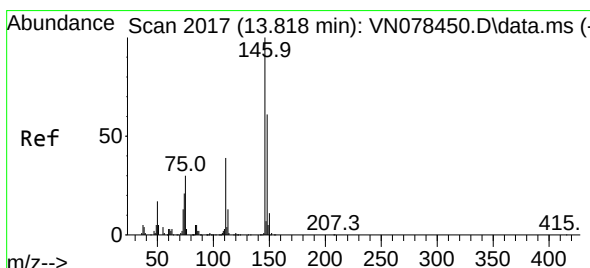
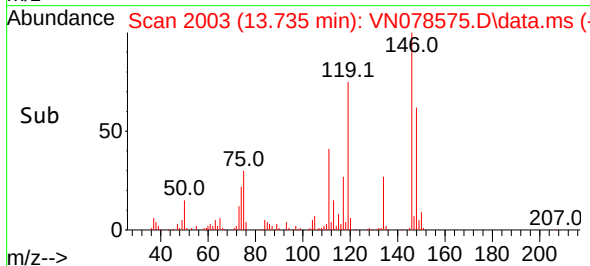
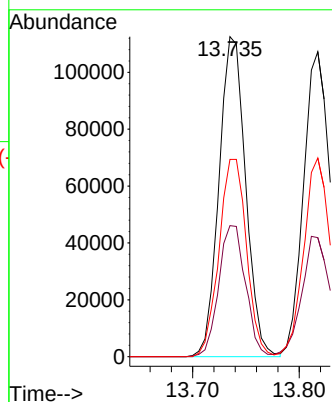
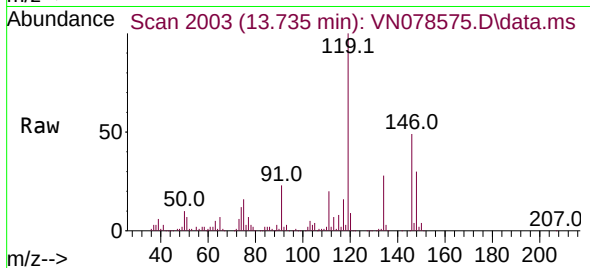
Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.1	66.3
148	63.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2023

Supervised By :Mahesh Dadoda 07/20/2023



#88

1,4-Dichlorobenzene

Concen: 18.174 ug/l

RT: 13.817 min Scan# 2017

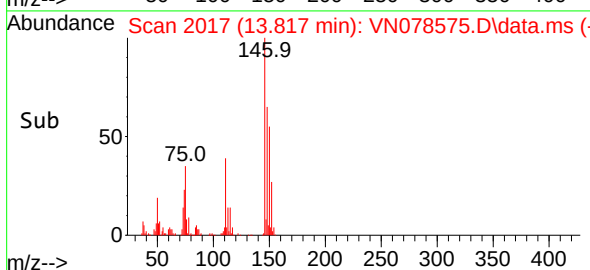
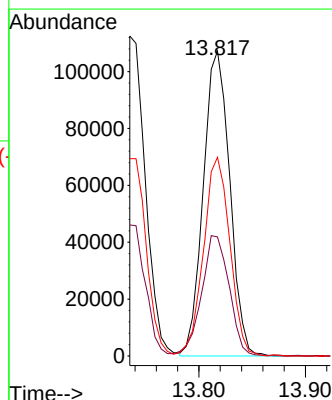
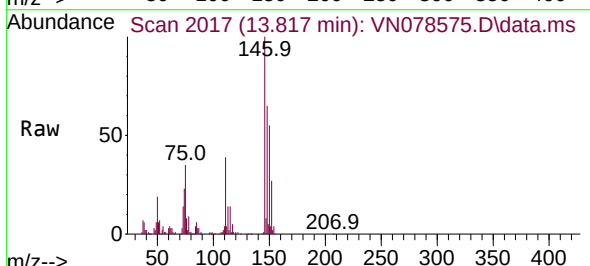
Delta R.T. -0.001 min

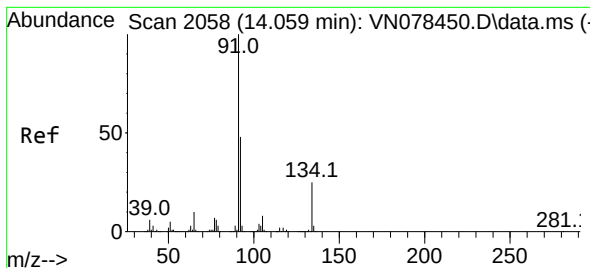
Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Tgt Ion:146 Resp: 185109

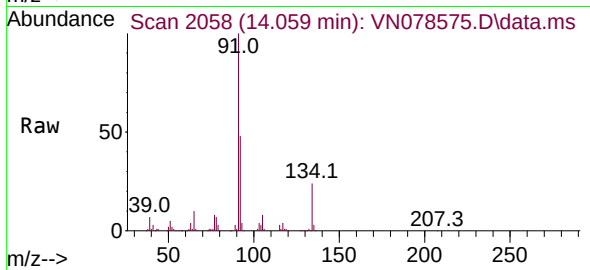
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	65.0	31.6	94.8





#89
n-Butylbenzene
Concen: 19.269 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

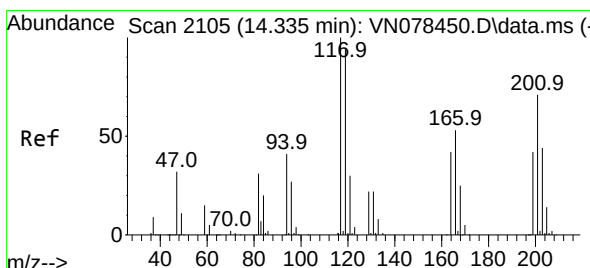
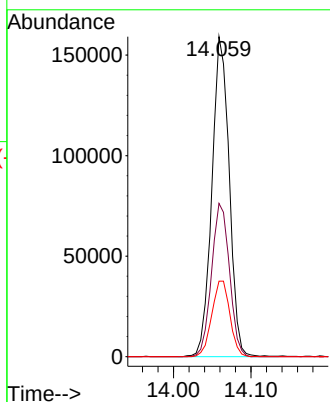
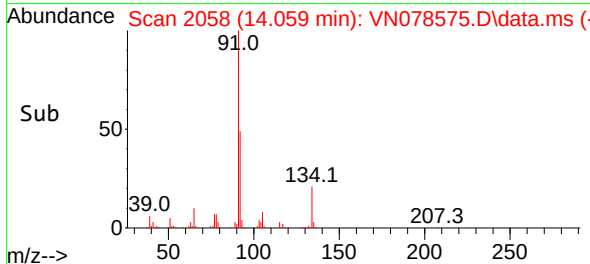
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion: 91 Resp: 247250
Ion Ratio Lower Upper
91 100
92 49.5 26.4 79.0
134 24.7 12.6 37.6

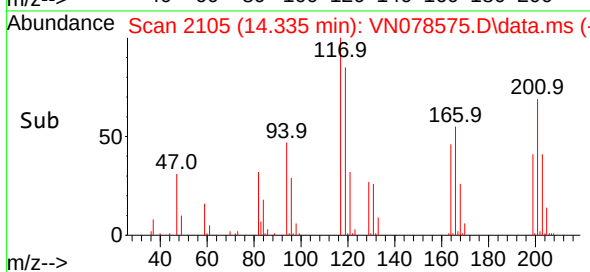
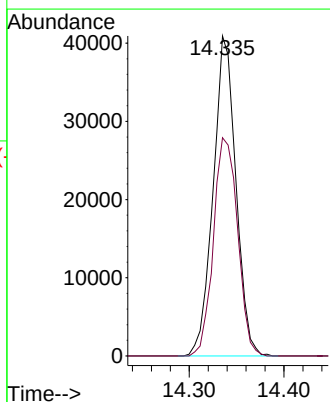
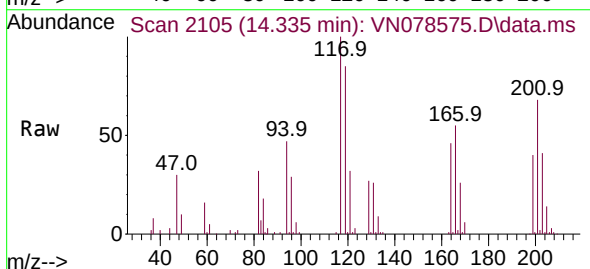
Manual Integrations
APPROVED

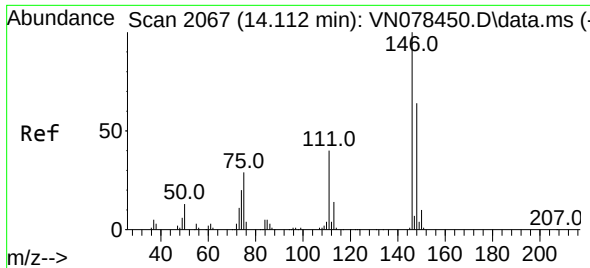
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#90
Hexachloroethane
Concen: 20.223 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion:117 Resp: 68260
Ion Ratio Lower Upper
117 100
201 72.4 29.3 88.0





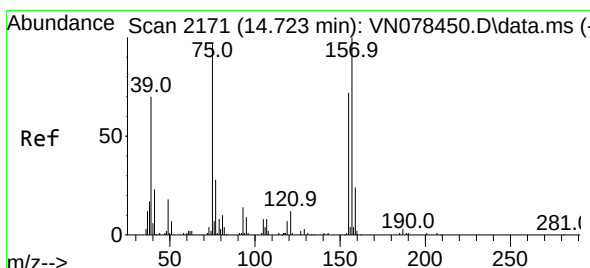
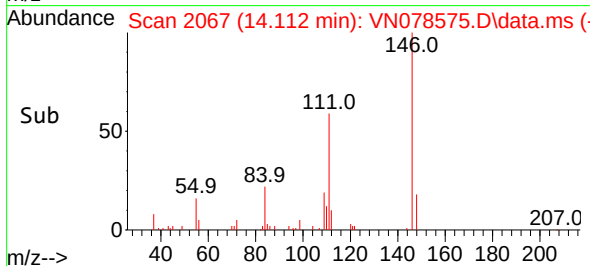
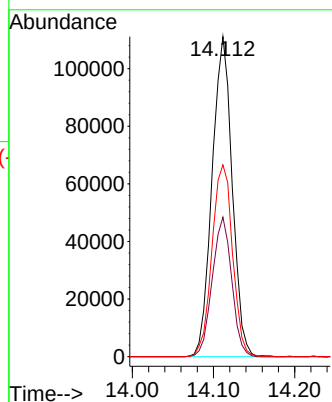
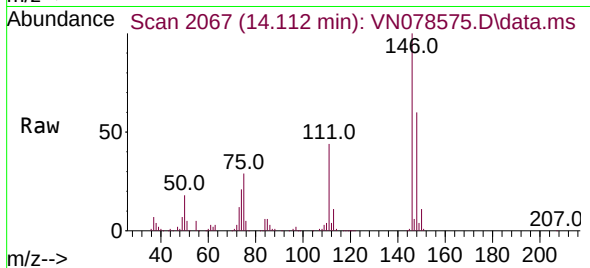
#91
1,2-Dichlorobenzene
Concen: 18.978 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tgt Ion:146 Resp: 190979
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 61.4 31.8 95.3

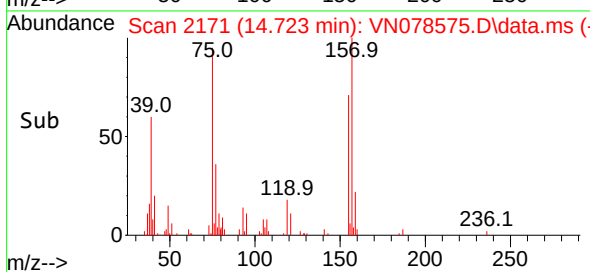
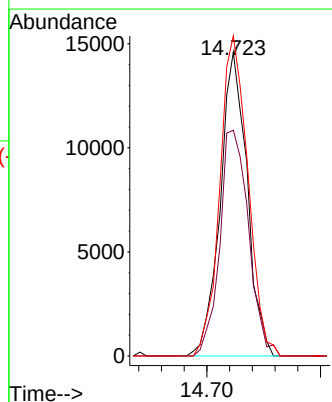
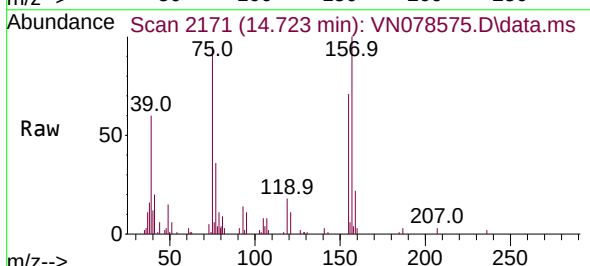
Manual Integrations
APPROVED

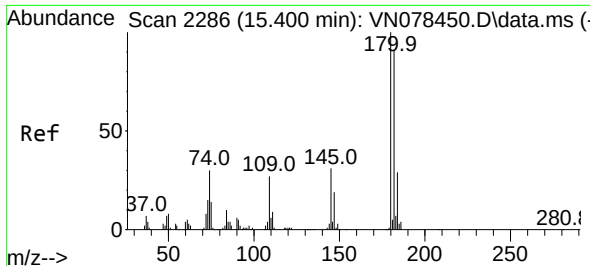
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.763 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

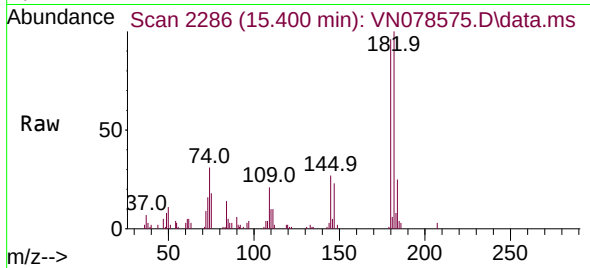
Tgt Ion: 75 Resp: 23960
Ion Ratio Lower Upper
75 100
155 79.6 39.1 117.2
157 110.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.380 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

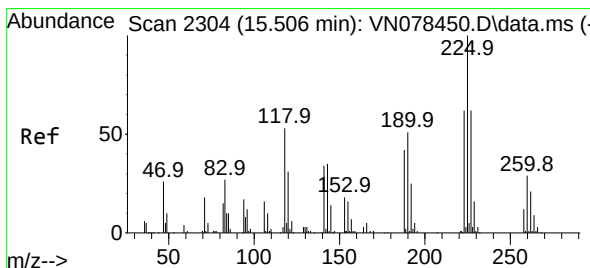
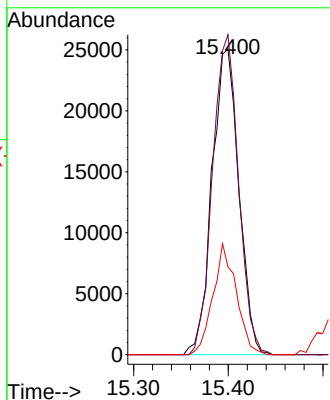
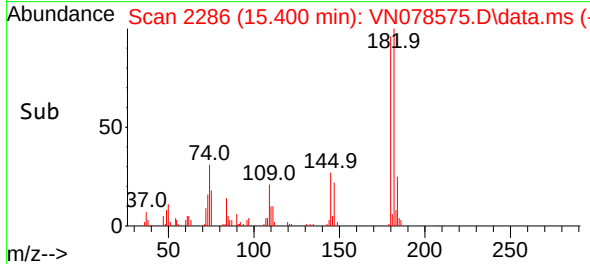
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:180 Resp: 49398
Ion Ratio Lower Upper
180 100
182 100.9 46.1 138.2
145 31.5 16.6 49.8

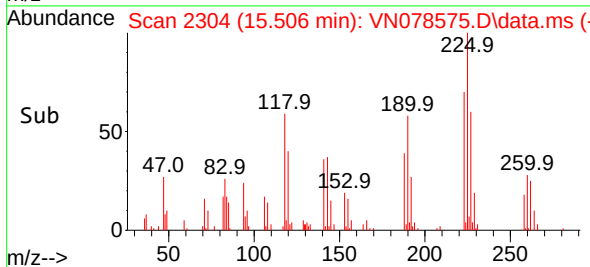
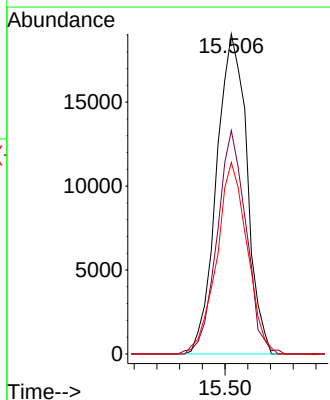
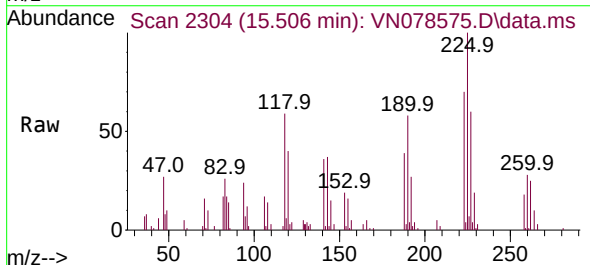
Manual Integrations
APPROVED

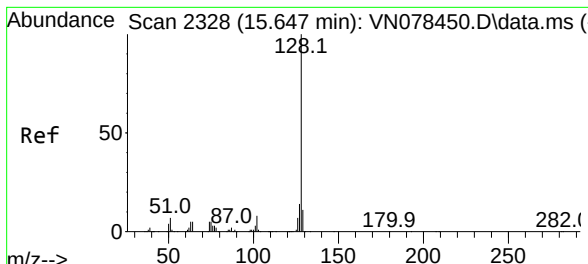
Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#94
Hexachlorobutadiene
Concen: 18.700 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

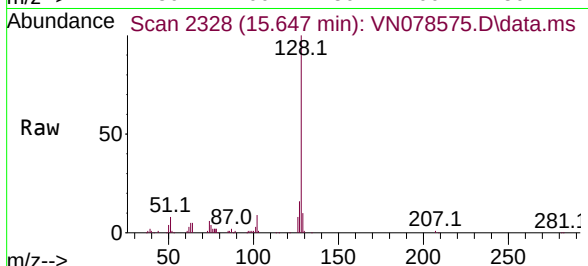
Tgt Ion:225 Resp: 35374
Ion Ratio Lower Upper
225 100
223 66.7 31.3 93.8
227 60.2 31.9 95.9





#95
Naphthalene
Concen: 12.944 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

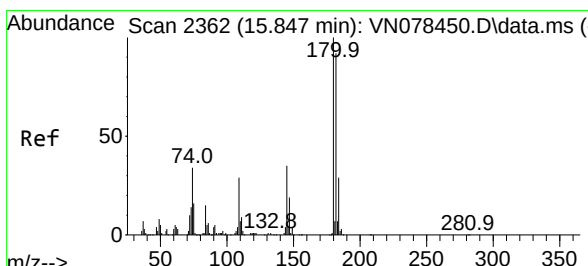
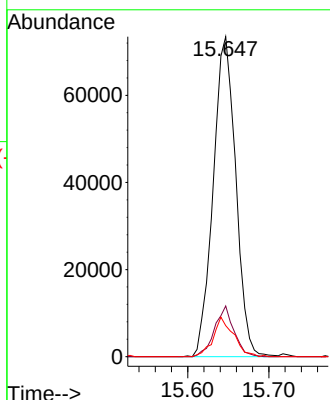
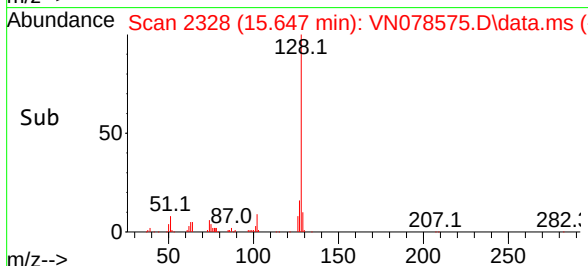
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01



Tgt Ion:128 Resp: 142117
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.993 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078575.D
Acq: 19 Jul 2023 13:00

Tgt Ion:180 Resp: 59060
Ion Ratio Lower Upper
180 100
182 90.4 46.2 138.6
145 33.5 17.5 52.6

