

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078458.D
 Acq On : 11 Jul 2023 11:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 12 01:30:32 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/12/2023
 Supervised By : Mahesh Dadoda 07/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	490799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	828790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	749825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	312632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	349138	53.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.120%			
35) Dibromofluoromethane	8.177	113	306184	54.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	10.571	98	1148578	54.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.080%			
62) 4-Bromofluorobenzene	12.853	95	354017	54.077	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	275731	45.822	ug/l	100
3) Chloromethane	2.371	50	295537	45.186	ug/l	99
4) Vinyl Chloride	2.518	62	401463	47.450	ug/l	98
5) Bromomethane	2.948	94	260387	48.509	ug/l	99
6) Chloroethane	3.124	64	246624	48.115	ug/l	99
7) Trichlorofluoromethane	3.500	101	484275	47.882	ug/l	97
8) Diethyl Ether	3.971	74	160638	47.672	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	255253	47.677	ug/l	96
10) Methyl Iodide	4.594	142	369421	50.214	ug/l	98
11) Tert butyl alcohol	5.536	59	235064	231.680	ug/l	99
12) 1,1-Dichloroethene	4.347	96	247136	47.721	ug/l	90
13) Acrolein	4.189	56	241463	241.890	ug/l	96
14) Allyl chloride	5.036	41	324793	45.897	ug/l	94
15) Acrylonitrile	5.730	53	627350	244.722	ug/l	100
16) Acetone	4.436	43	473949	231.243	ug/l	94
17) Carbon Disulfide	4.718	76	678266	45.292	ug/l	100
18) Methyl Acetate	5.042	43	408697	47.105	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	841502	49.317	ug/l	95
20) Methylene Chloride	5.283	84	300152	51.082	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	281902	48.305	ug/l	85
22) Diisopropyl ether	6.683	45	809119	51.063	ug/l	95
23) Vinyl Acetate	6.612	43	2567589	254.885	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	520375	48.737	ug/l	99
25) 2-Butanone	7.494	43	793884	246.066	ug/l	88
26) 2,2-Dichloropropane	7.500	77	421948	48.318	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	332982	49.322	ug/l	95
28) Bromochloromethane	7.818	49	216219	42.995	ug/l	92
29) Tetrahydrofuran	7.847	42	528247	249.527	ug/l	85
30) Chloroform	7.977	83	561113	50.478	ug/l	92
31) Cyclohexane	8.265	56	401006	45.097	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	499195	50.088	ug/l	97
36) 1,1-Dichloropropene	8.382	75	410035	50.475	ug/l	97
37) Ethyl Acetate	7.571	43	346395	51.152	ug/l	95
38) Carbon Tetrachloride	8.371	117	445802	50.493	ug/l	96
39) Methylcyclohexane	9.606	83	382557	51.591	ug/l #	90
40) Benzene	8.612	78	1230087	51.112	ug/l	98

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 07/12/2023
 Supervised By : Mahesh Dadoda 07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	173461	50.246	ug/l	94
42) 1,2-Dichloroethane	8.682	62	411076	50.217	ug/l	100
43) Isopropyl Acetate	8.694	43	567506	50.901	ug/l	95
44) Trichloroethene	9.359	130	322872	49.776	ug/l	93
45) 1,2-Dichloropropane	9.629	63	309286	50.741	ug/l	95
46) Dibromomethane	9.718	93	225137	52.477	ug/l	93
47) Bromodichloromethane	9.894	83	441501	51.338	ug/l	96
48) Methyl methacrylate	9.688	41	262973	50.912	ug/l	91
49) 1,4-Dioxane	9.700	88	112467	998.419	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1740696	262.484	ug/l	93
52) Toluene	10.635	92	775329	51.980	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	466489	52.948	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	500667	53.312	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	302420	51.460	ug/l	95
56) Ethyl methacrylate	10.882	69	436834	53.174	ug/l	90
57) 1,3-Dichloropropane	11.171	76	512197	51.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	757031	258.580	ug/l	93
59) 2-Hexanone	11.200	43	1251226	265.474	ug/l	92
60) Dibromochloromethane	11.365	129	338730	52.209	ug/l	97
61) 1,2-Dibromoethane	11.476	107	317111	52.381	ug/l	97
64) Tetrachloroethene	11.112	164	282842	50.173	ug/l	98
65) Chlorobenzene	11.900	112	823328	49.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	319365	49.532	ug/l	98
67) Ethyl Benzene	11.970	91	1466842	51.776	ug/l	99
68) m/p-Xylenes	12.076	106	1109850	105.956	ug/l	98
69) o-Xylene	12.406	106	545202	51.532	ug/l	99
70) Styrene	12.417	104	886442	53.555	ug/l	98
71) Bromoform	12.582	173	227996	52.212	ug/l #	100
73) Isopropylbenzene	12.700	105	1365983	46.500	ug/l	99
74) N-amyl acetate	12.500	43	456211	45.064	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	427915	52.296	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	338915m	44.850	ug/l	
77) Bromobenzene	12.982	156	318045	49.778	ug/l	97
78) n-propylbenzene	13.041	91	1512042	48.129	ug/l	99
79) 2-Chlorotoluene	13.129	91	927916	45.092	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1103329	47.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	149079	51.842	ug/l	94
82) 4-Chlorotoluene	13.229	91	905694	47.180	ug/l	98
83) tert-Butylbenzene	13.441	119	942719	47.839	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1096099	48.617	ug/l	98
85) sec-Butylbenzene	13.623	105	1182934	47.491	ug/l	99
86) p-Isopropyltoluene	13.735	119	968161	48.406	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	540138	47.896	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	526277	46.331	ug/l	99
89) n-Butylbenzene	14.059	91	732461	51.183	ug/l	97
90) Hexachloroethane	14.341	117	185135	50.368	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	535807	47.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	69501	49.397	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	169028	47.190	ug/l	96
94) Hexachlorobutadiene	15.506	225	90475	48.722	ug/l	97
95) Naphthalene	15.647	128	517533	42.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	185324	44.997	ug/l	97

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MSVOA_N
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VSTDCCC050

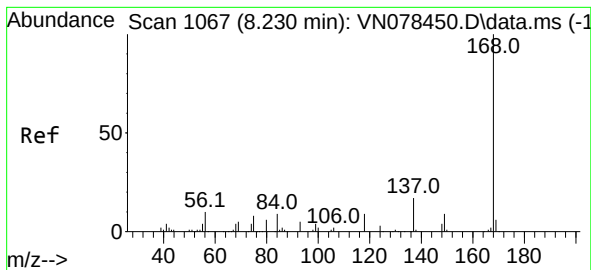
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

Quant Time: Jul 12 01:30:32 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

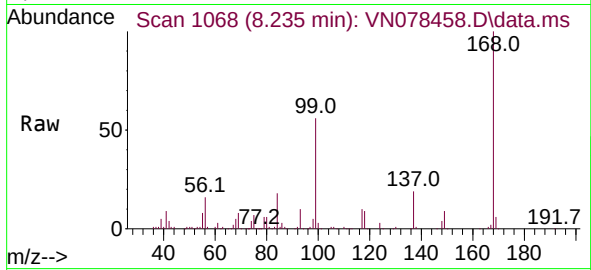
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

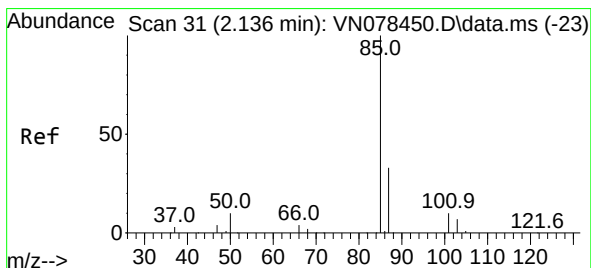
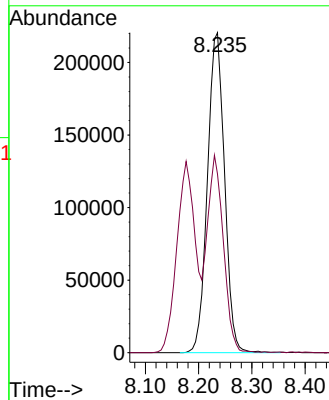
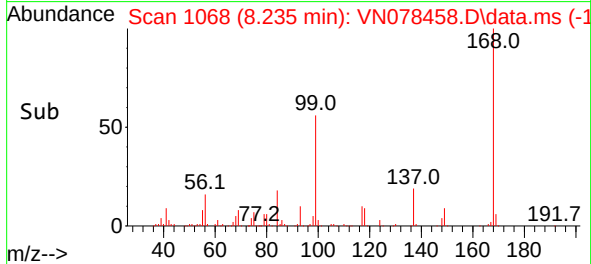
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 490799
Ion Ratio Lower Upper
168 100
99 55.6 53.0 79.6

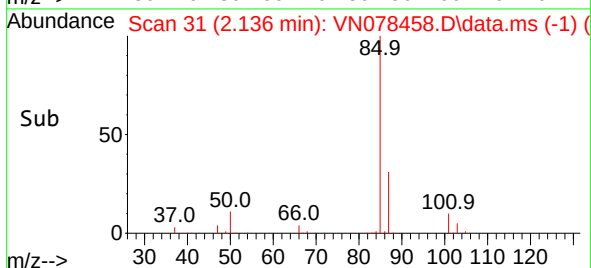
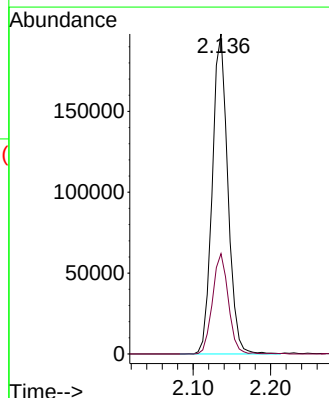
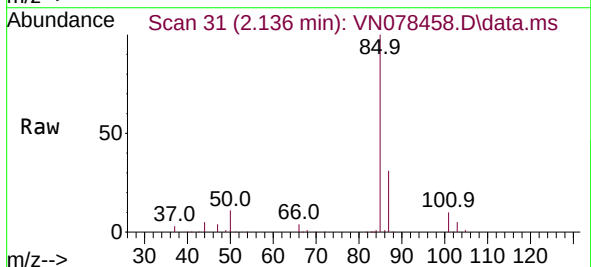
Manual Integrations
APPROVED

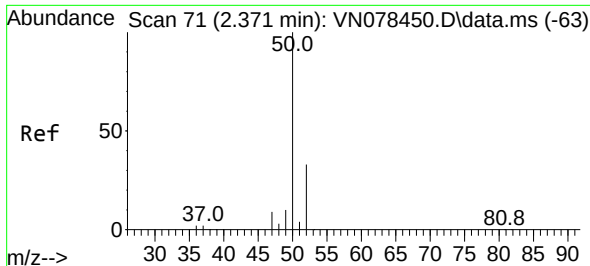
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#2
Dichlorodifluoromethane
Concen: 45.822 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

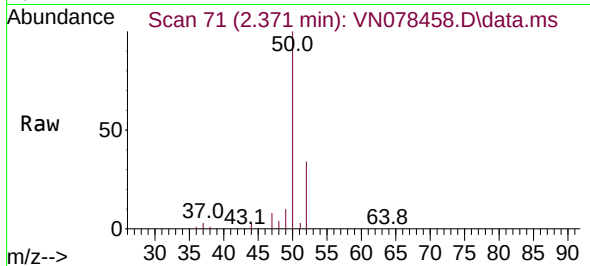
Tgt Ion: 85 Resp: 275731
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 45.186 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

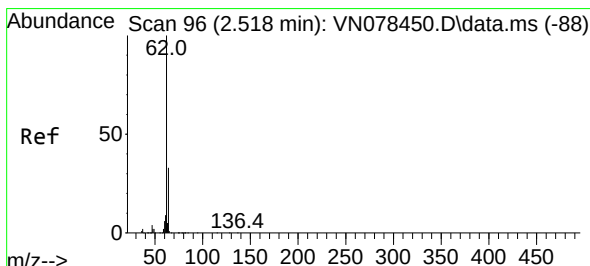
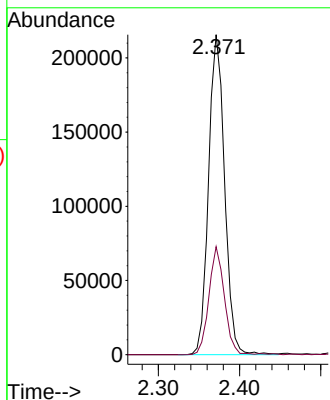
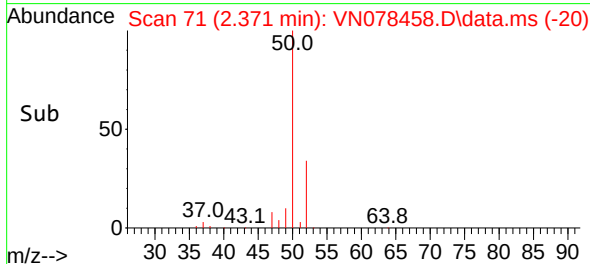
Instrument :
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VSTDCCC050



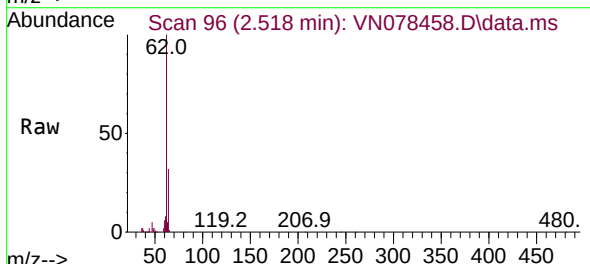
Tgt Ion: 50 Resp: 29553
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

Manual Integrations
APPROVED

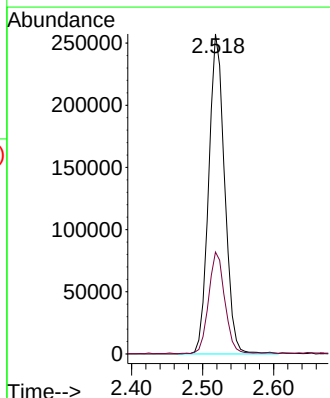
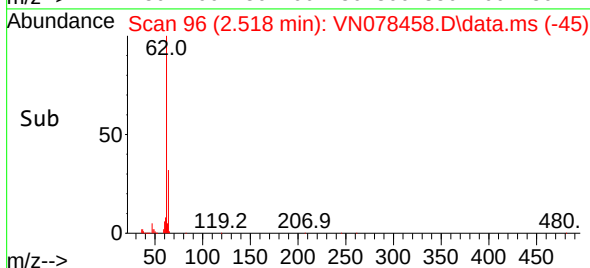
Reviewed By :John Carlone 07/12/2023
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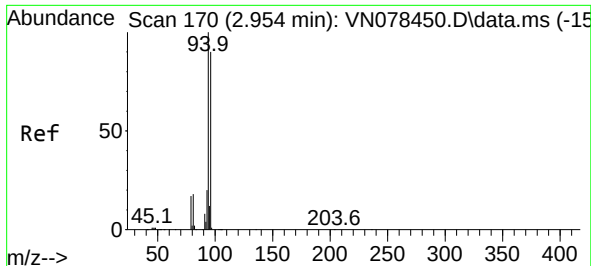


#4
Vinyl Chloride
Concen: 47.450 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



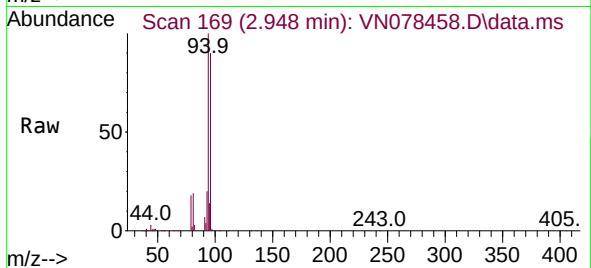
Tgt Ion: 62 Resp: 401463
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 48.509 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

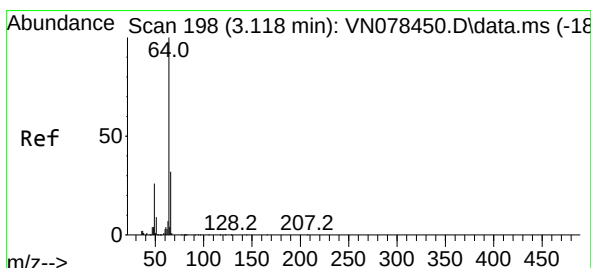
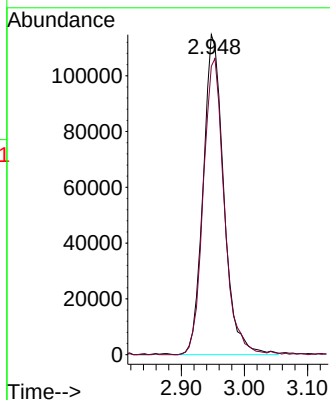
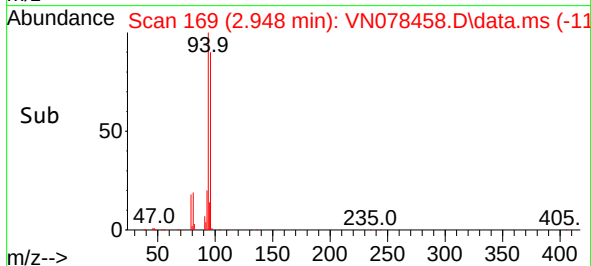
Instrument :
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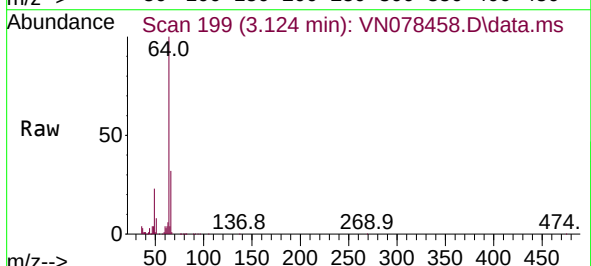
Tgt Ion: 94 Resp: 26038
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

Manual Integrations
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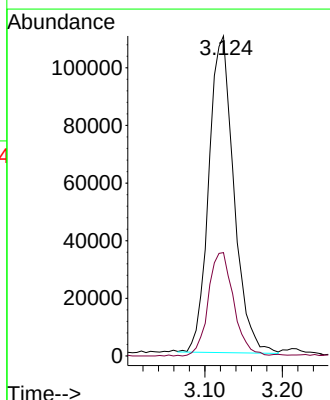
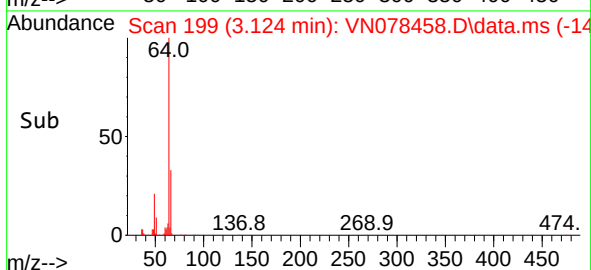
Reviewed By :John Carlone 07/12/2023
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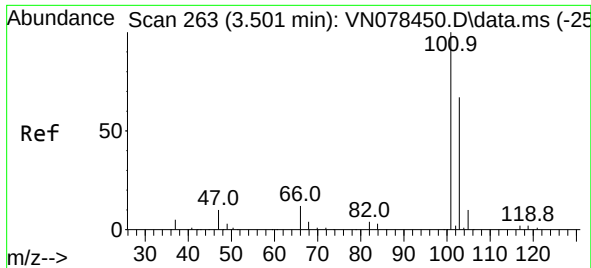


#6
Chloroethane
Concen: 48.115 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



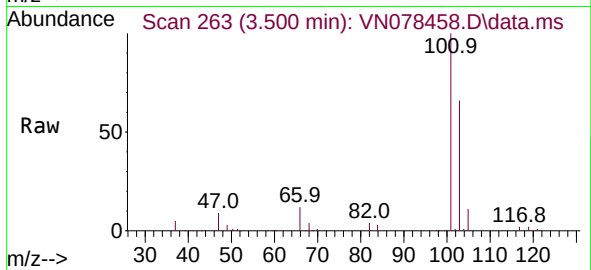
Tgt Ion: 64 Resp: 246624
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.882 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

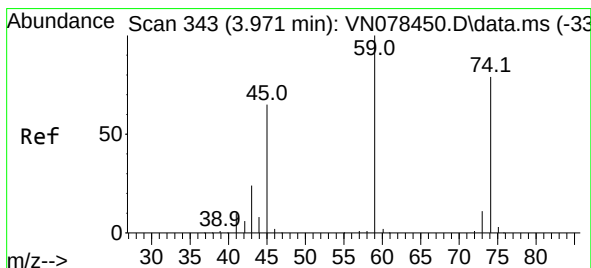
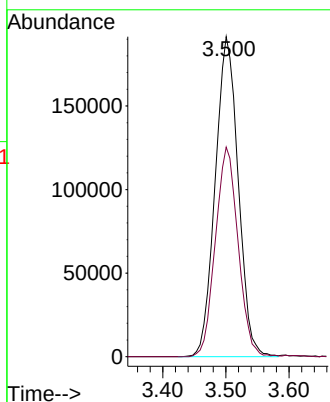
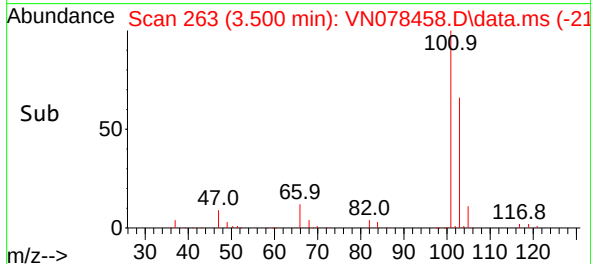
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 484275
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

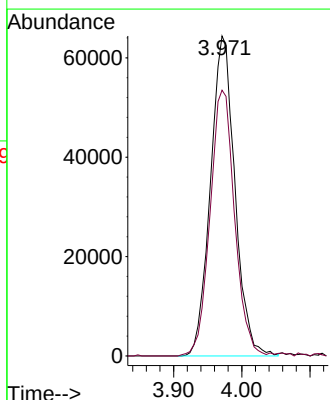
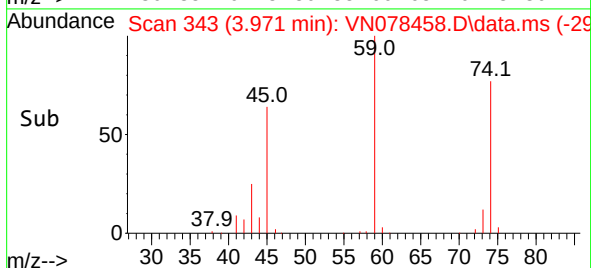
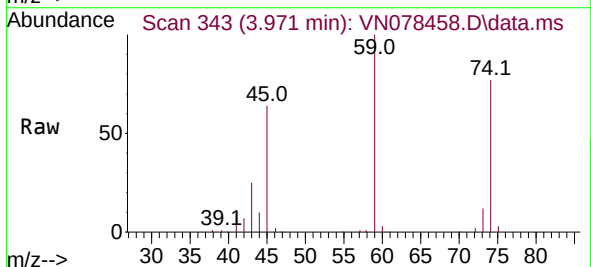
Manual Integrations
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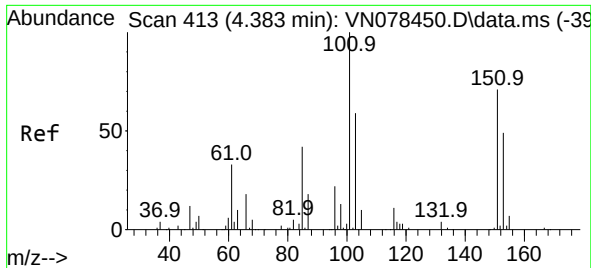
Reviewed By :John Carlone 07/12/2023
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#8
Diethyl Ether
Concen: 47.672 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion: 74 Resp: 160638
Ion Ratio Lower Upper
74 100
45 83.4 34.4 103.3





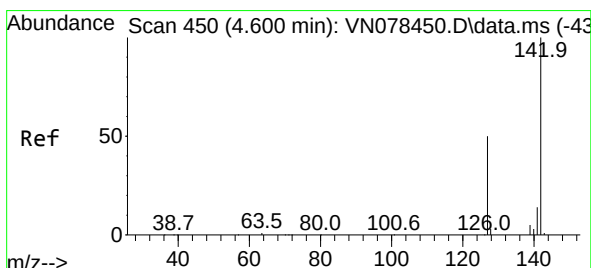
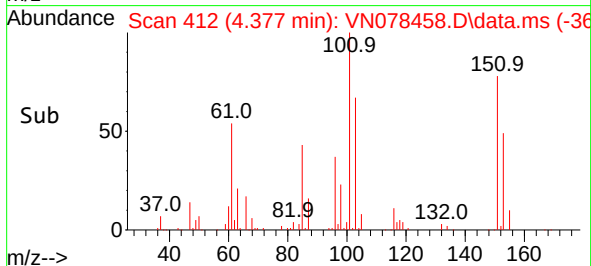
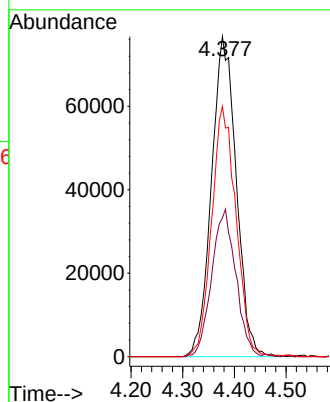
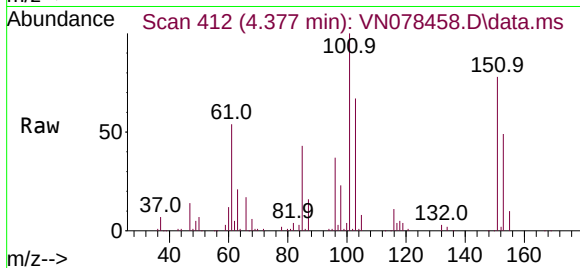
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.677 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078458.D
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VSTDCCC050

Tgt Ion:101 Resp: 25525
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 76.7 57.6 86.4

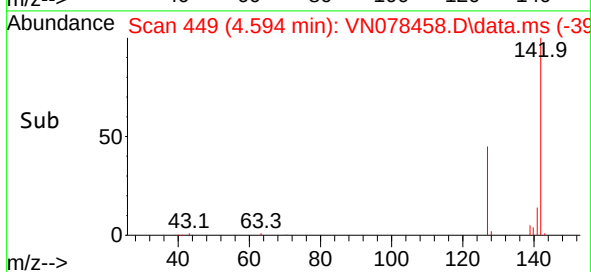
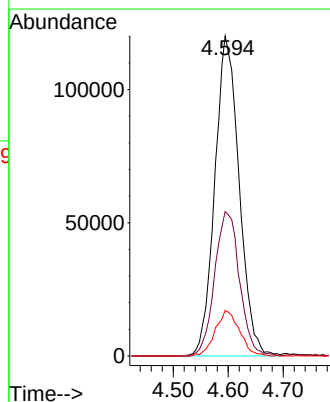
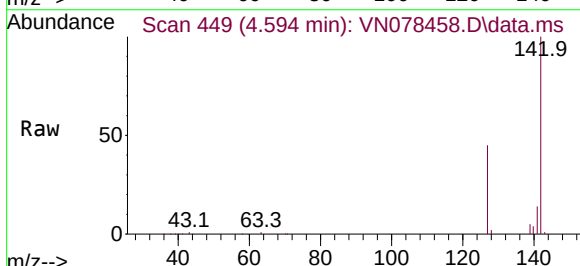
Manual Integrations
APPROVED

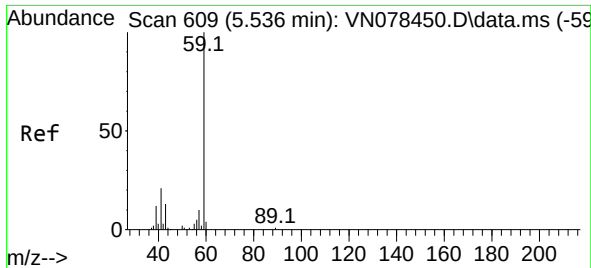
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#10
Methyl Iodide
Concen: 50.214 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

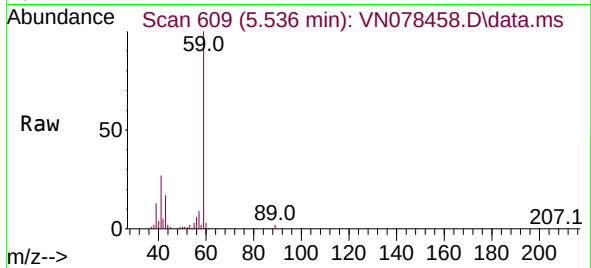
Tgt Ion:142 Resp: 369421
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 231.680 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

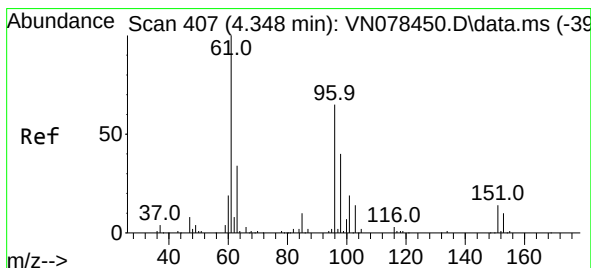
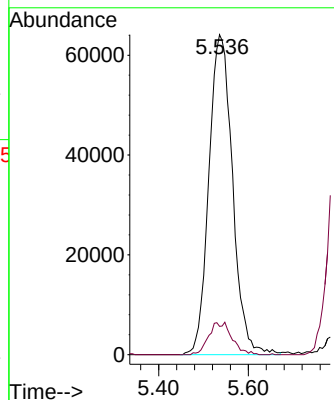
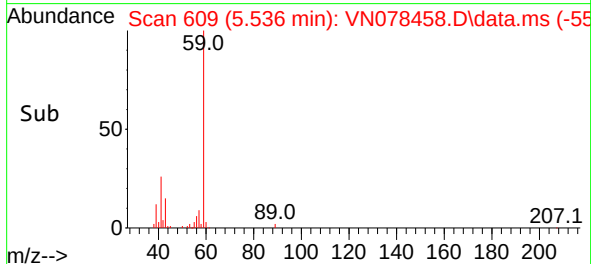
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



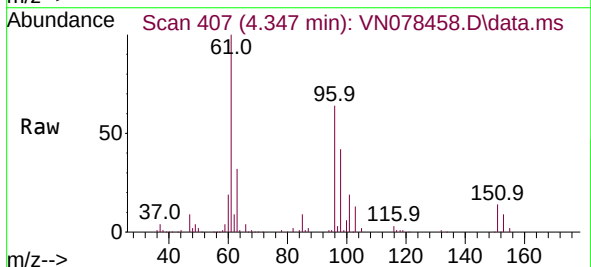
Tgt Ion: 59 Resp: 235064
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
APPROVED

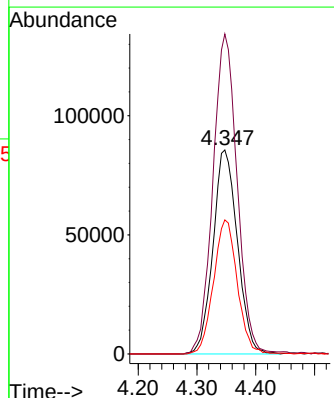
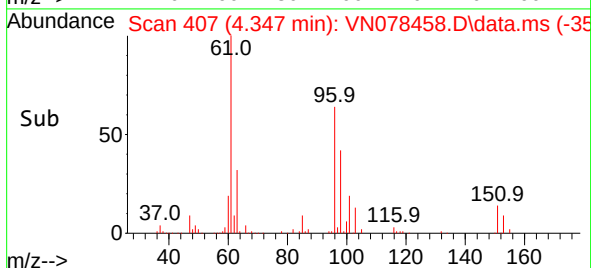
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

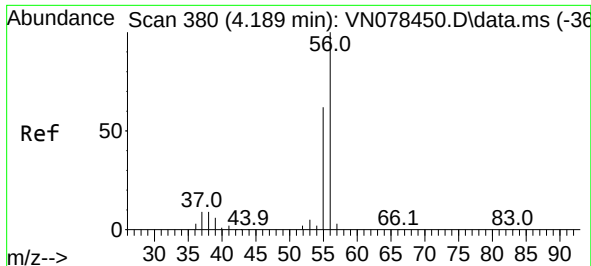


#12
1,1-Dichloroethene
Concen: 47.721 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



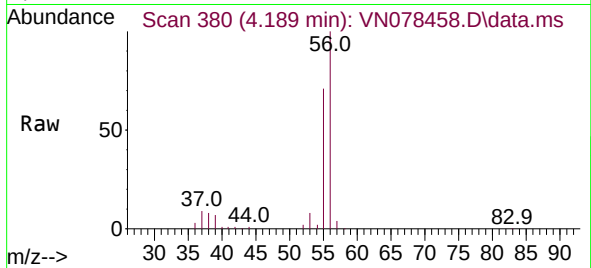
Tgt Ion: 96 Resp: 247136
Ion Ratio Lower Upper
96 100
61 156.8 112.7 169.1
98 65.8 51.2 76.8





#13
Acrolein
Concen: 241.890 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

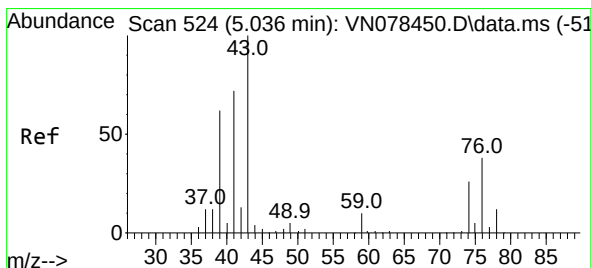
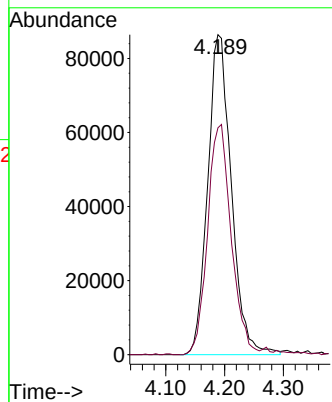
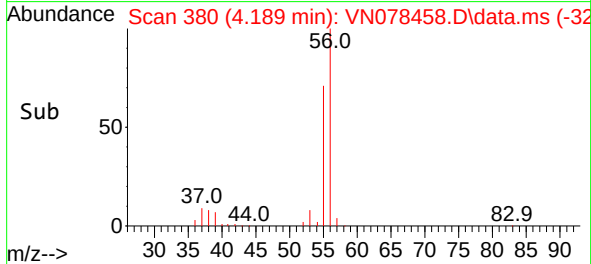
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 241463
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

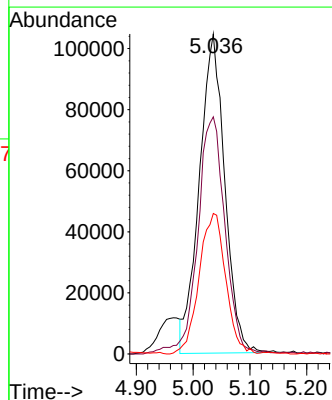
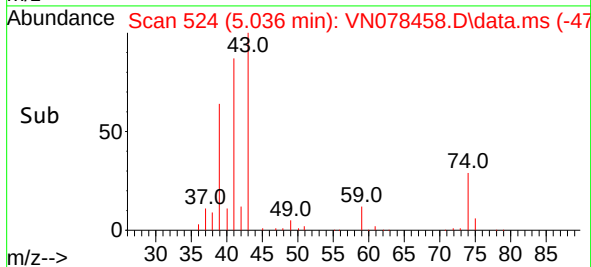
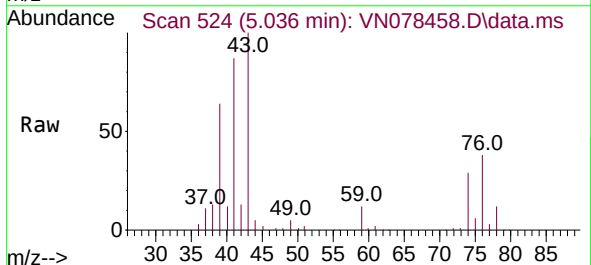
Manual Integrations
APPROVED

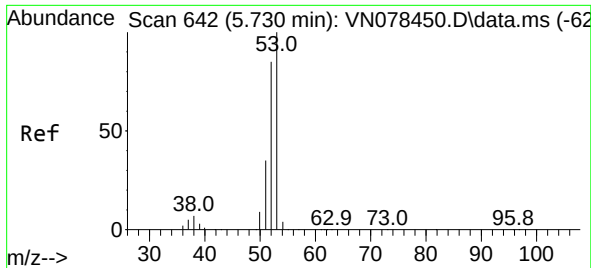
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#14
Allyl chloride
Concen: 45.897 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

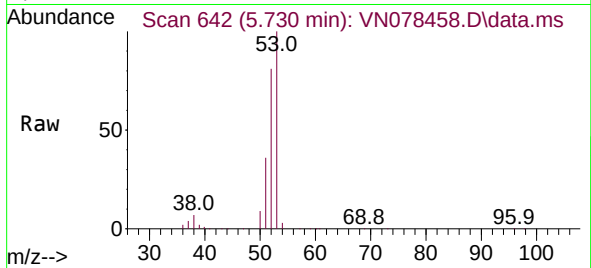
Tgt Ion: 41 Resp: 324793
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 45.9 39.1 58.7





#15
Acrylonitrile
Concen: 244.722 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

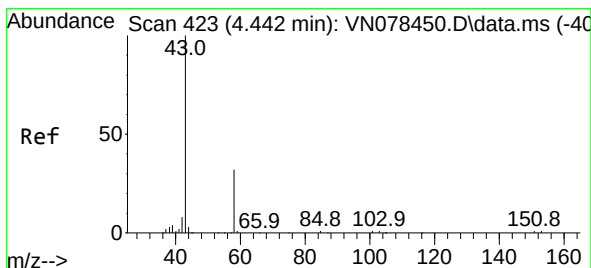
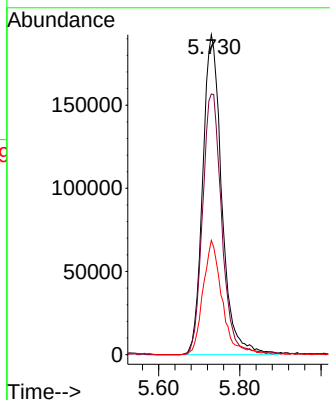
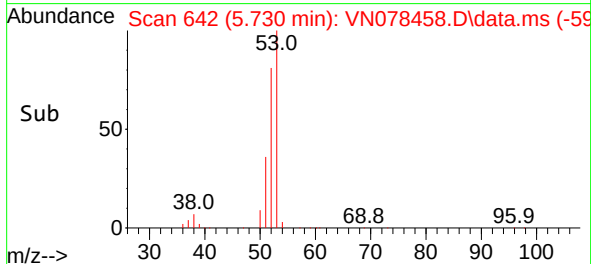
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 627350
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.1 28.9 43.3

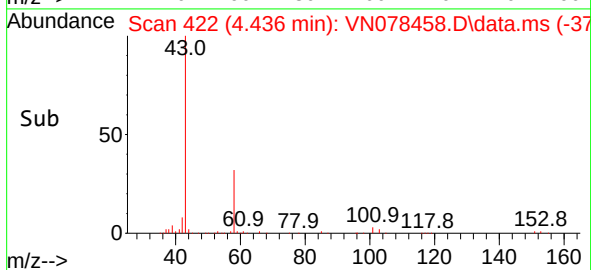
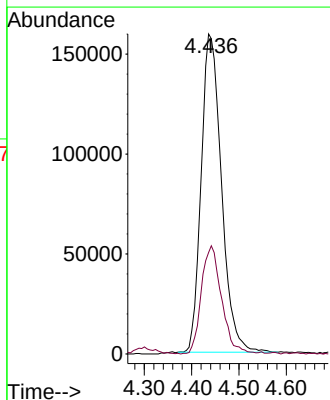
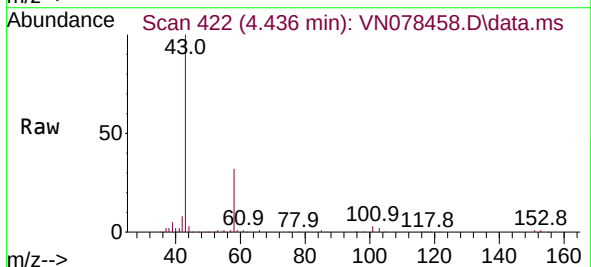
Manual Integrations
APPROVED

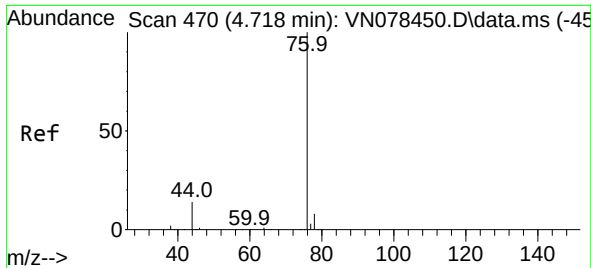
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#16
Acetone
Concen: 231.243 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

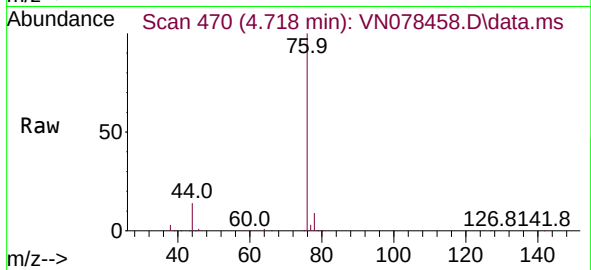
Tgt Ion: 43 Resp: 473949
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 45.292 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

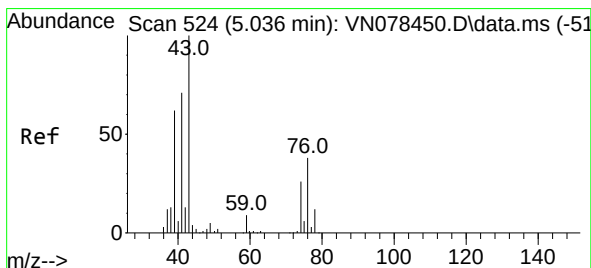
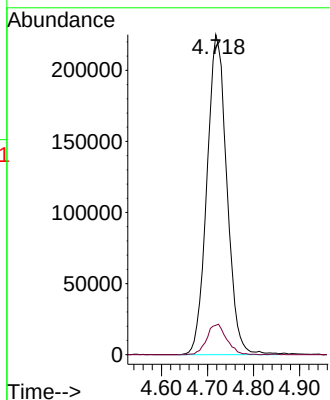
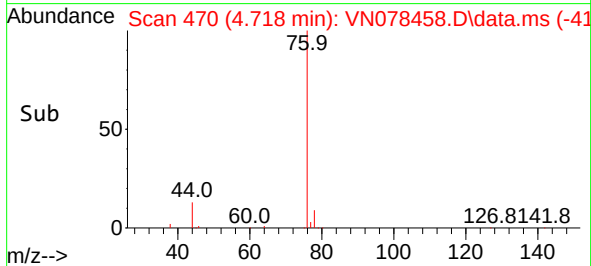
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



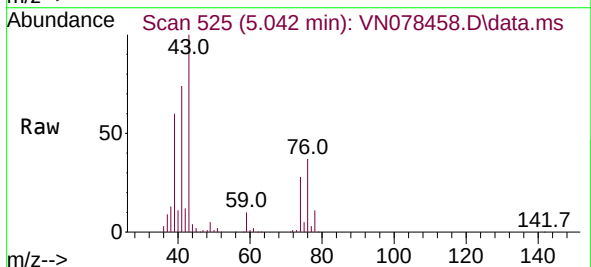
Tgt Ion: 76 Resp: 67826
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

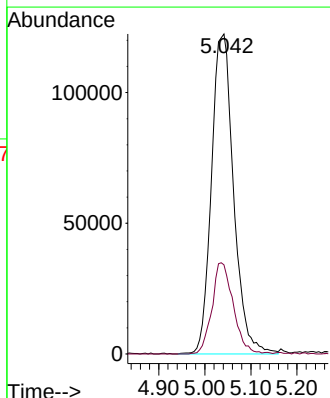
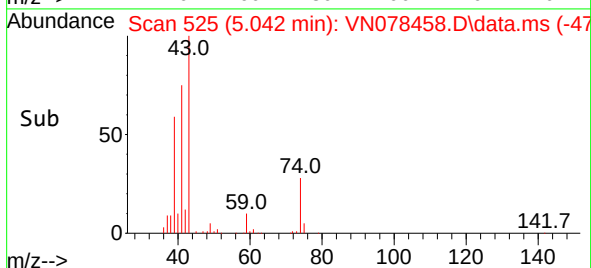
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

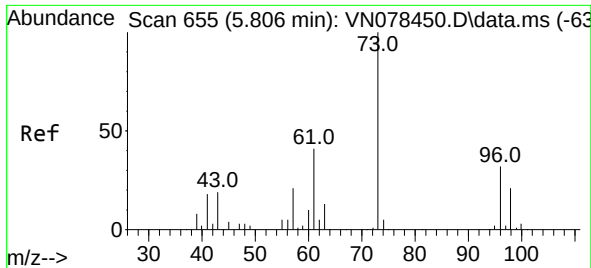


#18
Methyl Acetate
Concen: 47.105 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



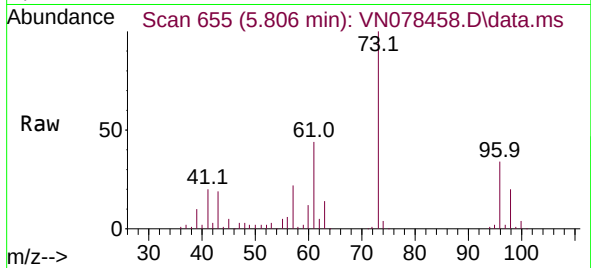
Tgt Ion: 43 Resp: 408697
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.317 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

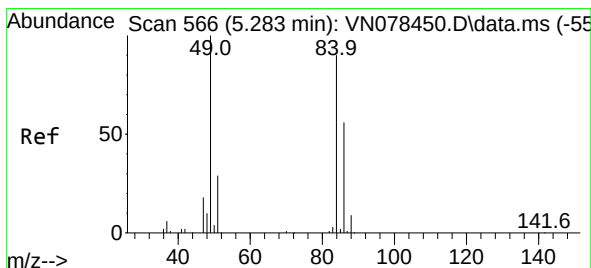
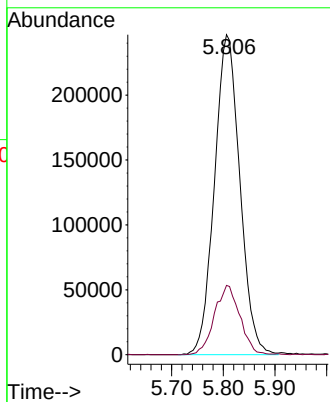
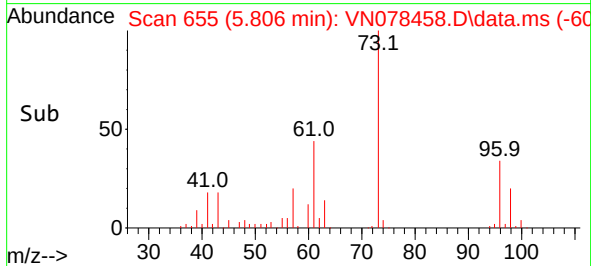
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 841502
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

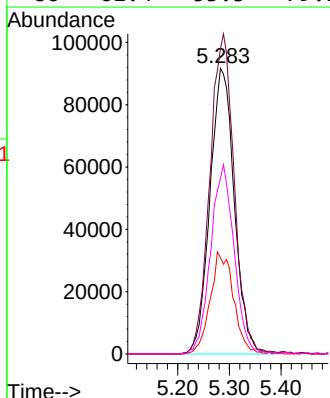
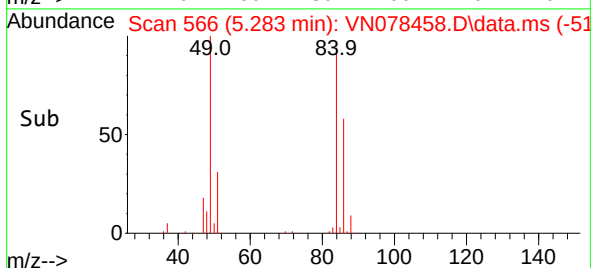
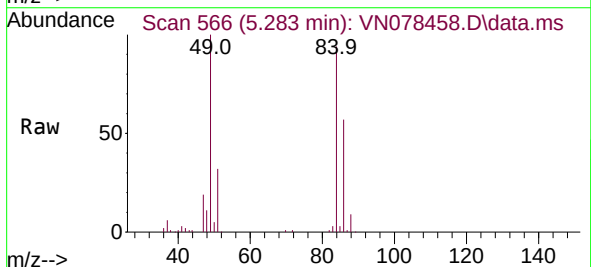
Manual Integrations
APPROVED

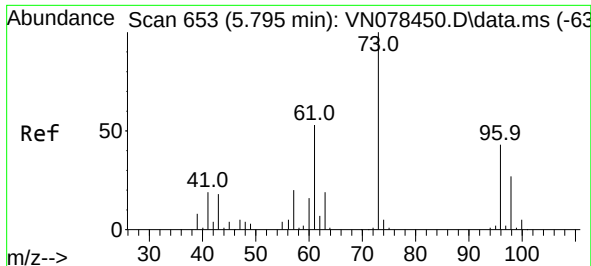
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#20
Methylene Chloride
Concen: 51.082 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

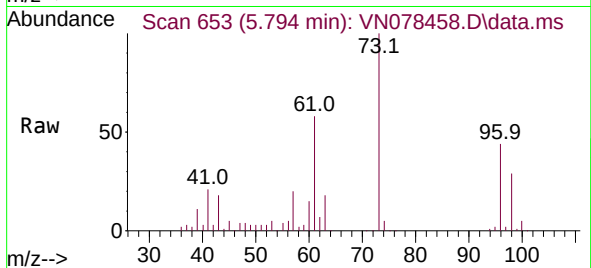
Tgt Ion: 84 Resp: 300152
Ion Ratio Lower Upper
84 100
49 106.8 79.7 119.5
51 33.7 25.2 37.8
86 61.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.305 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

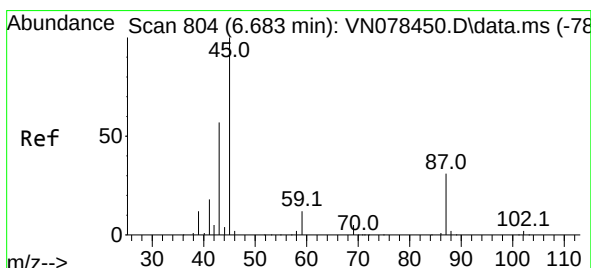
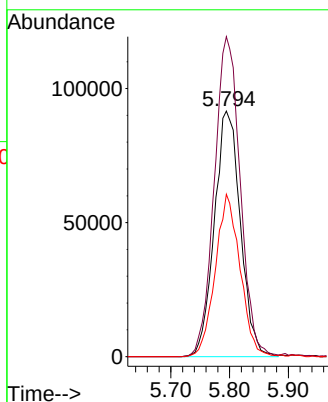
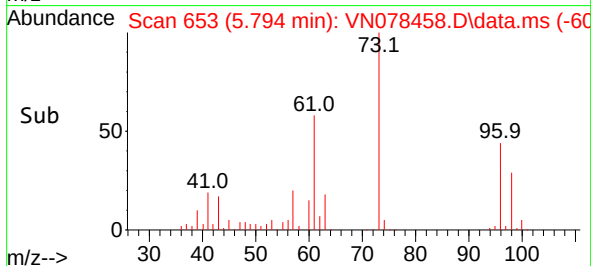
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



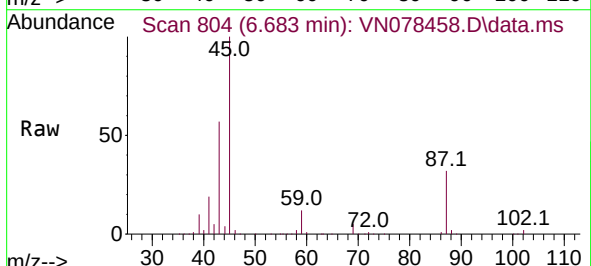
Tgt Ion: 96 Resp: 28190
Ion Ratio Lower Upper
96 100
61 130.3 90.1 135.1
98 66.1 46.4 69.6

Manual Integrations
APPROVED

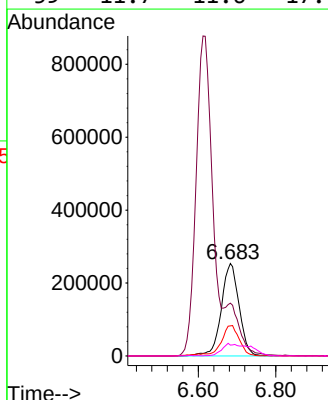
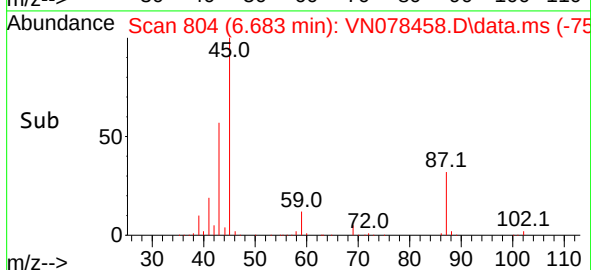
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

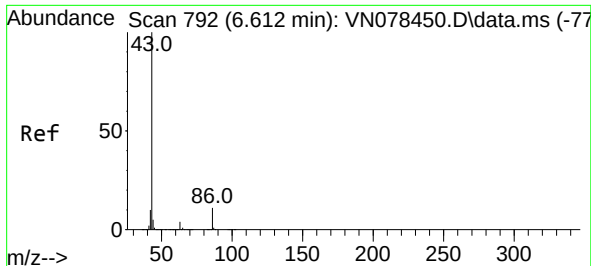


#22
Diisopropyl ether
Concen: 51.063 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



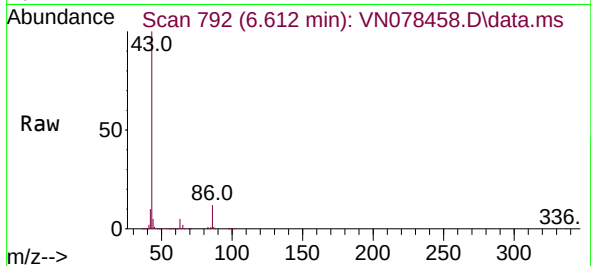
Tgt Ion: 45 Resp: 809119
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 32.3 31.8 47.8
59 11.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 254.885 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57

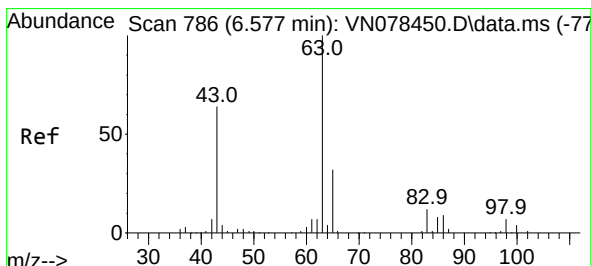
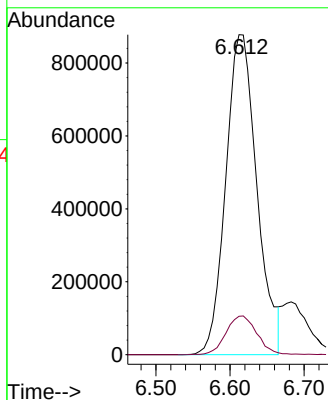
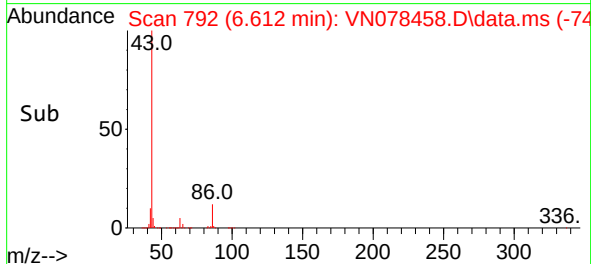
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



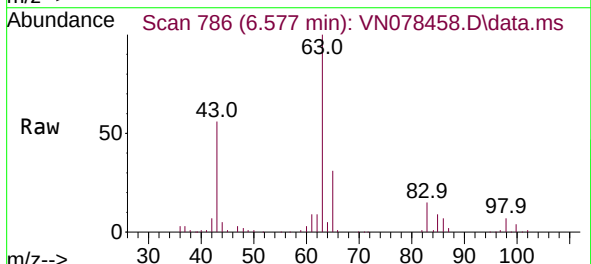
Tgt Ion: 43 Resp: 2567589
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

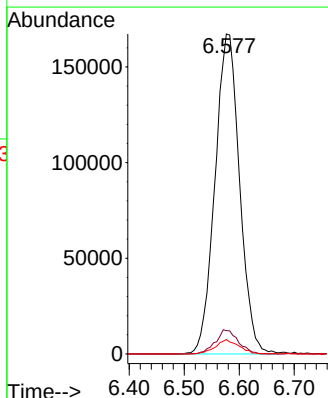
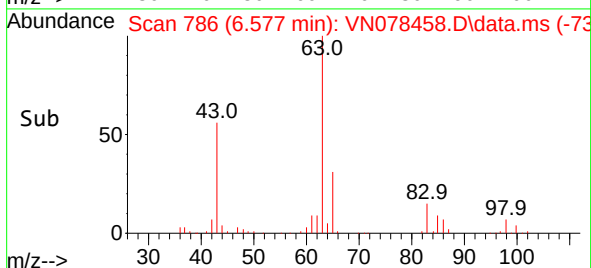
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

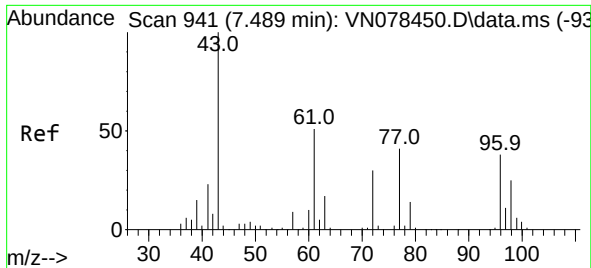


#24
 1,1-Dichloroethane
 Concen: 48.737 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57



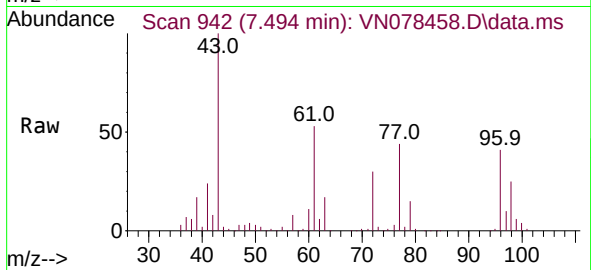
Tgt Ion: 63 Resp: 520375
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 246.066 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

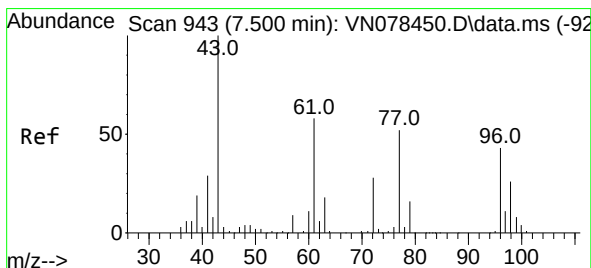
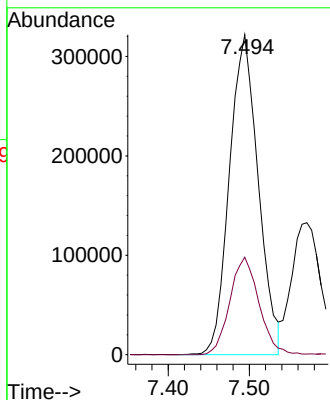
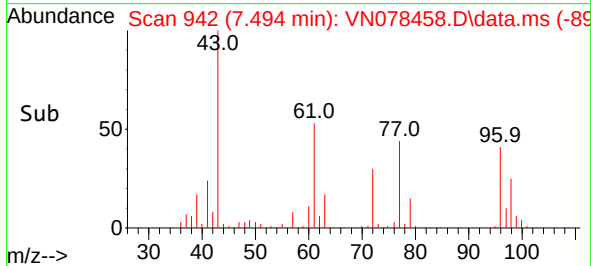
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 793884
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

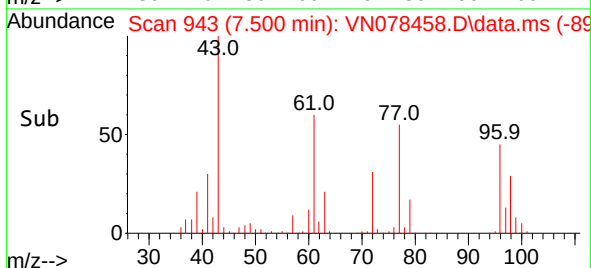
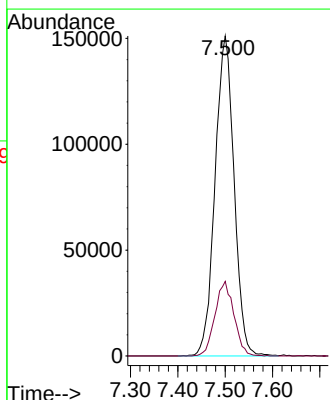
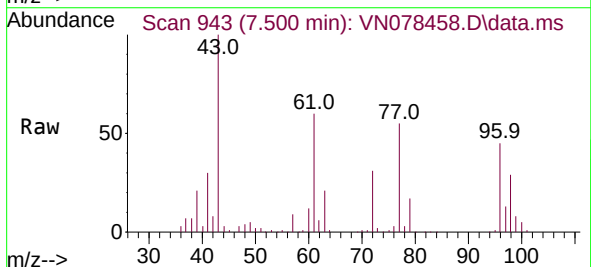
Manual Integrations
APPROVED

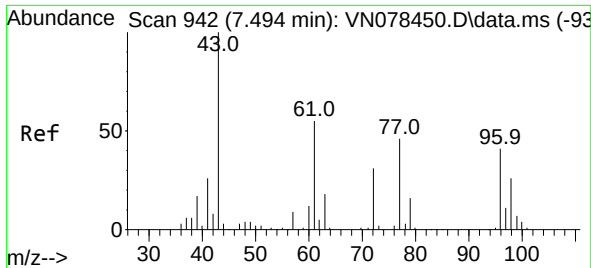
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#26
2,2-Dichloropropane
Concen: 48.318 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

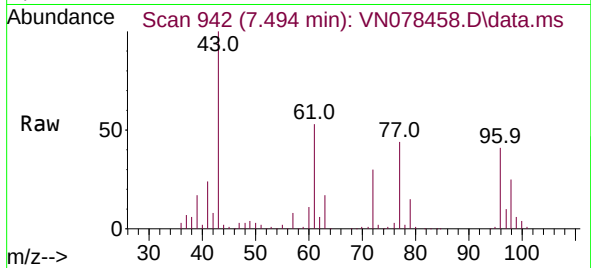
Tgt Ion: 77 Resp: 421948
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.322 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57

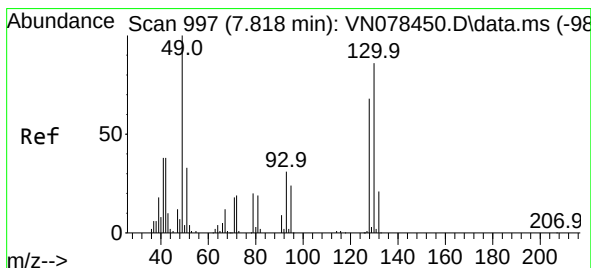
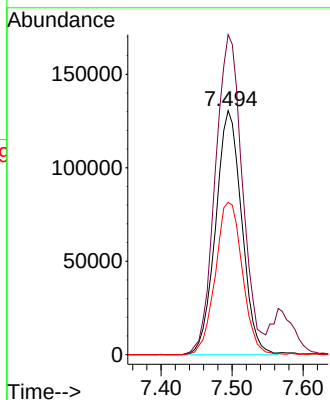
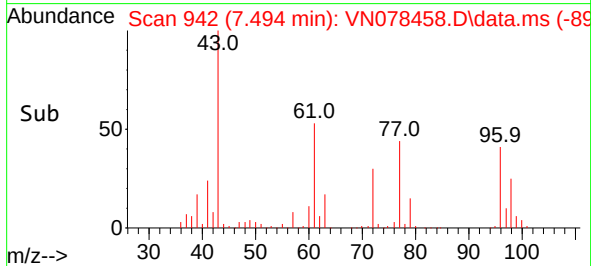
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



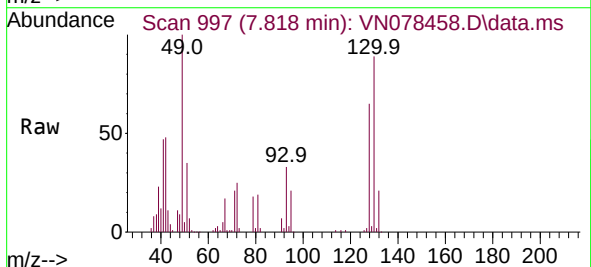
Tgt Ion: 96 Resp: 332982
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 255.2
 98 64.6 0.0 128.8

Manual Integrations
 APPROVED

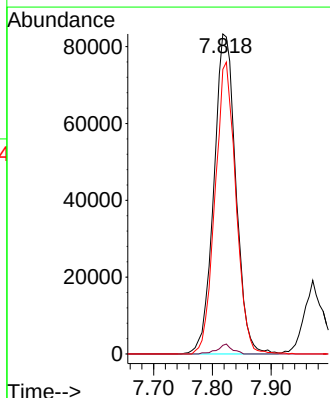
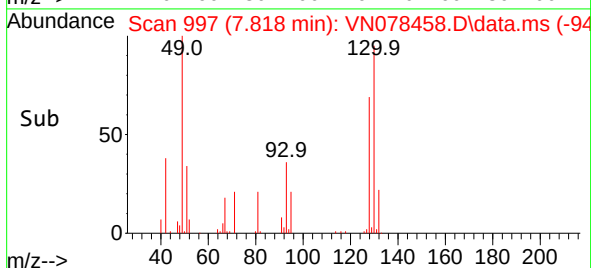
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

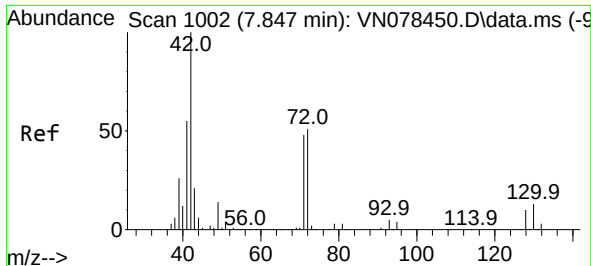


#28
 Bromochloromethane
 Concen: 42.995 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57



Tgt Ion: 49 Resp: 216219
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 86.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 249.527 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

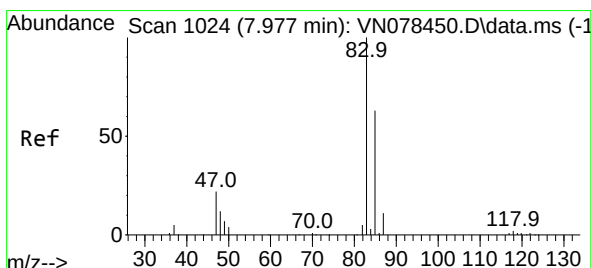
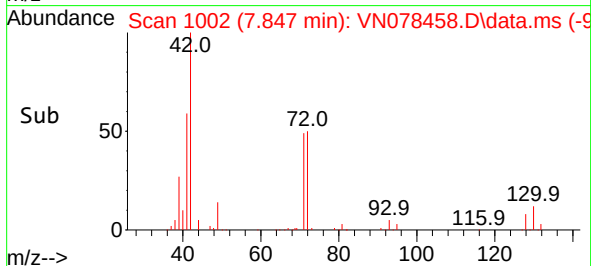
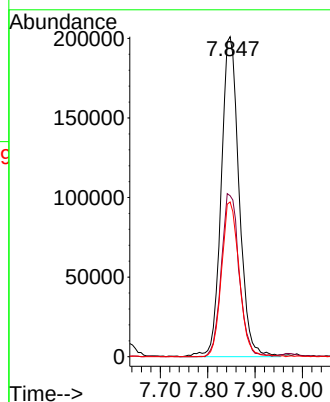
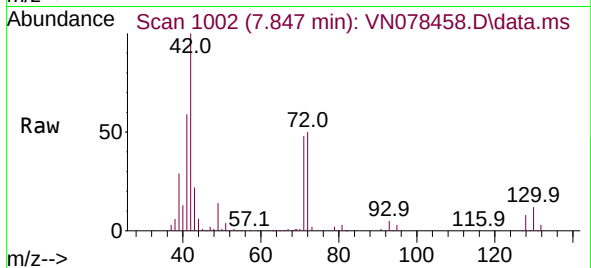
Tgt Ion: 42 Resp: 52824
 Ion Ratio Lower Upper
 42 100
 72 50.7 49.8 74.6
 71 47.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#30

Chloroform

Concen: 50.478 ug/l

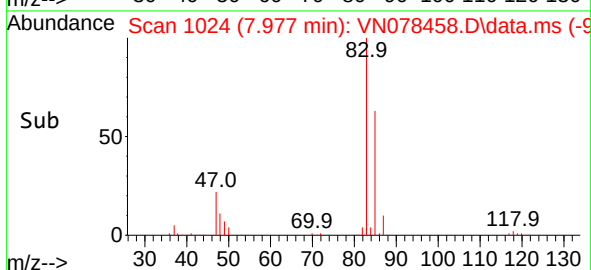
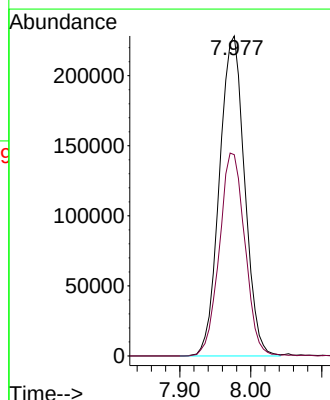
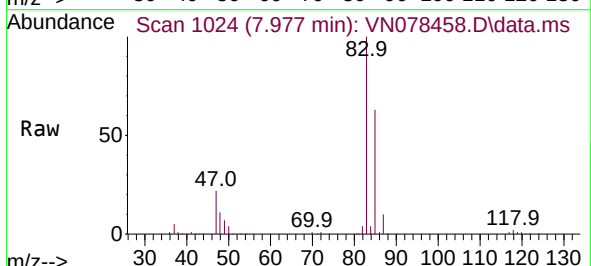
RT: 7.977 min Scan# 1024

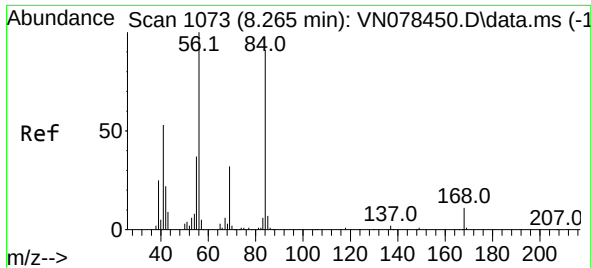
Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

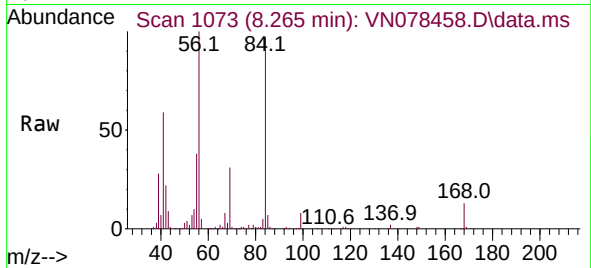
Tgt Ion: 83 Resp: 561113
 Ion Ratio Lower Upper
 83 100
 85 62.9 55.4 83.0





#31
Cyclohexane
Concen: 45.097 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

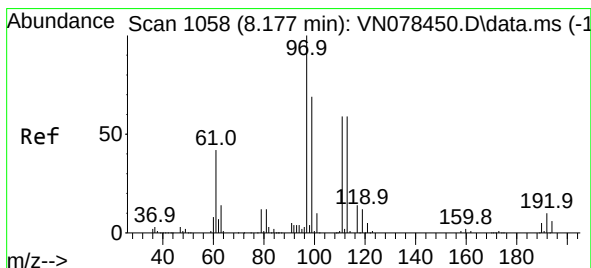
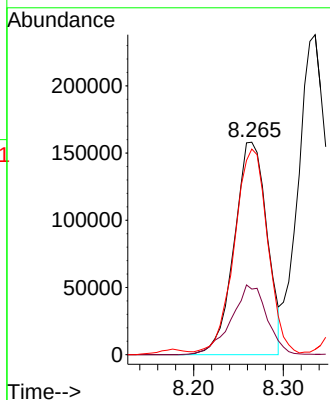
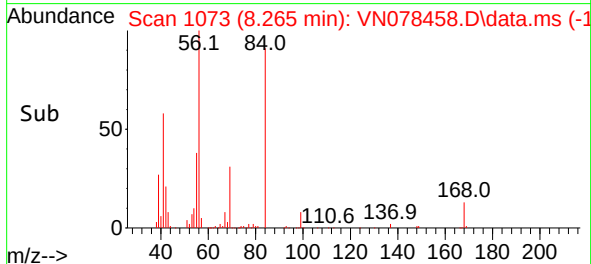
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 401000
Ion Ratio Lower Upper
56 100
69 30.8 26.8 40.2
84 94.5 81.8 122.6

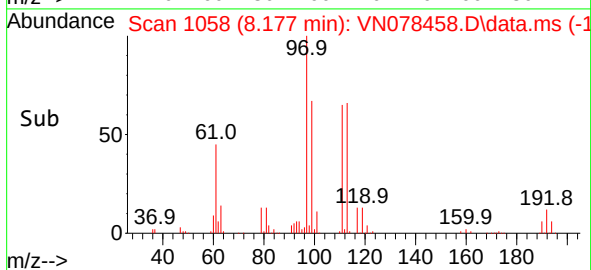
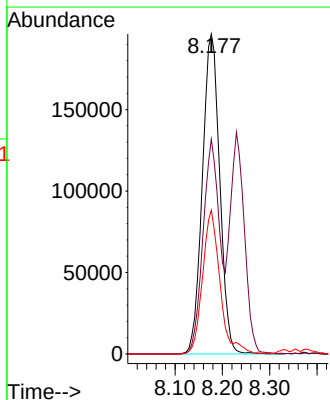
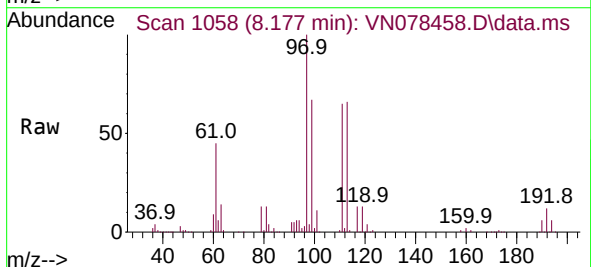
Manual Integrations
APPROVED

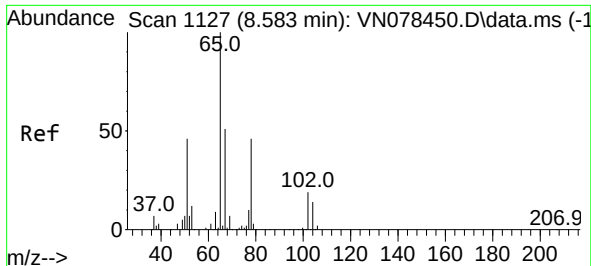
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#32
1,1,1-Trichloroethane
Concen: 50.088 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion: 97 Resp: 499195
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 45.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.063 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 349138

Ion Ratio Lower Upper

65 100

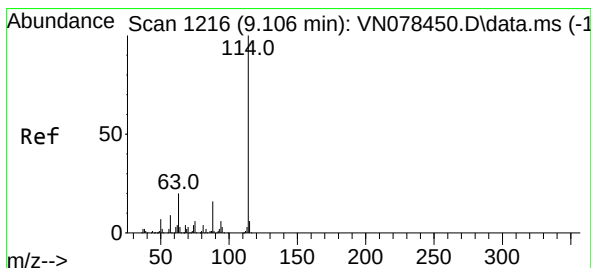
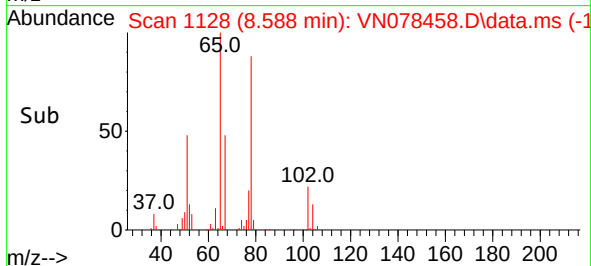
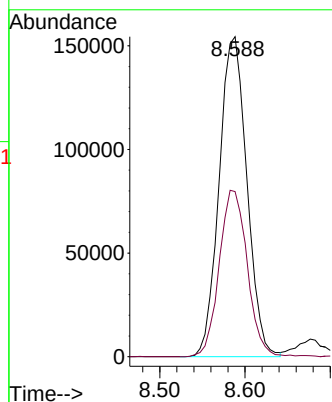
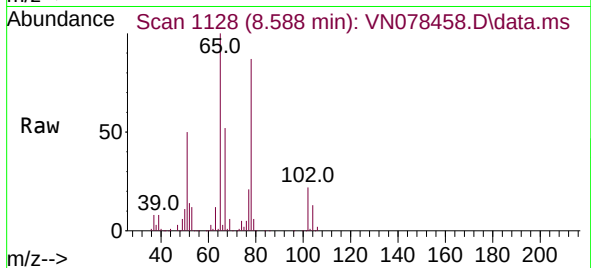
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

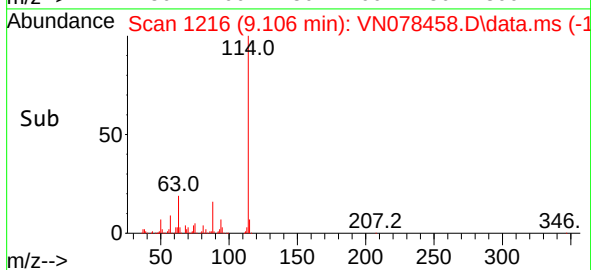
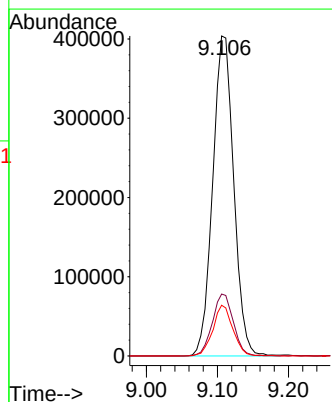
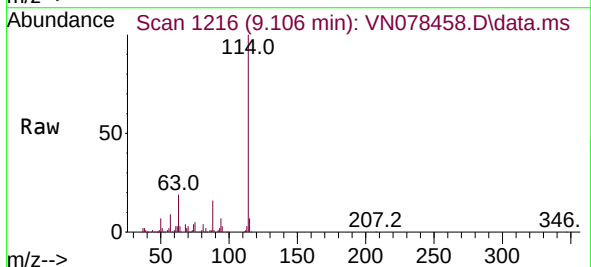
Tgt Ion:114 Resp: 828790

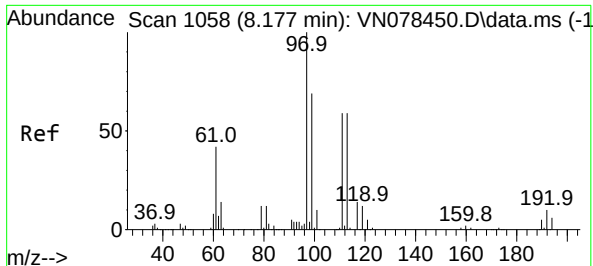
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.422 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078458.D

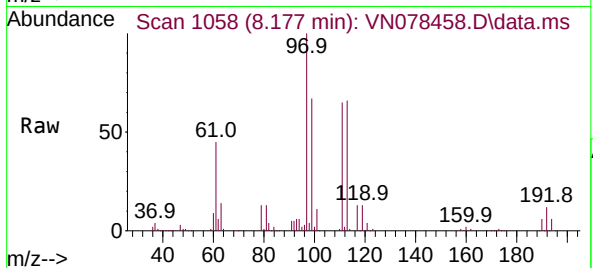
Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



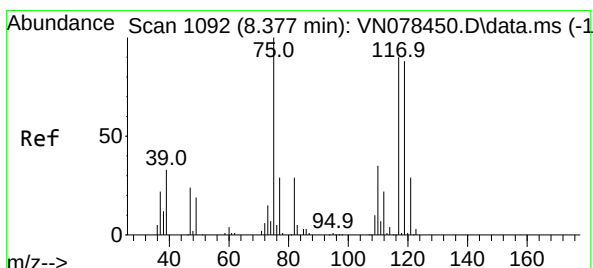
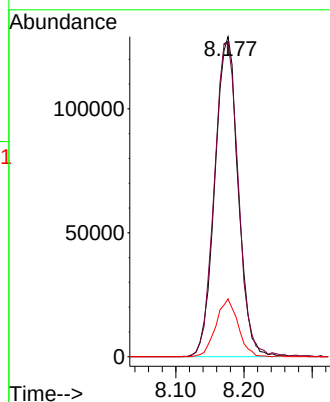
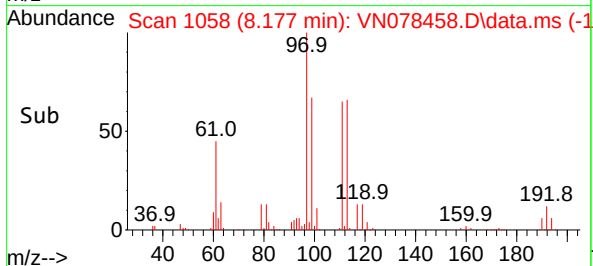
Tgt Ion:	113	Resp:	306184
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#36

1,1-Dichloropropene

Concen: 50.475 ug/l

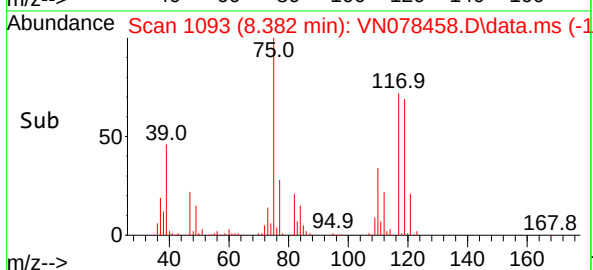
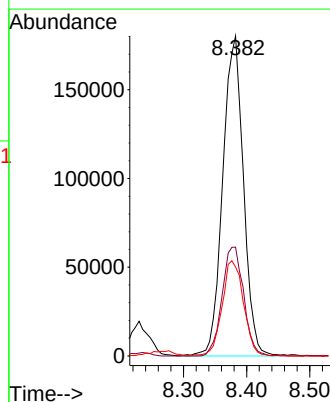
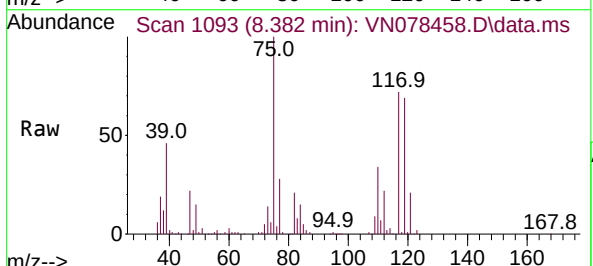
RT: 8.382 min Scan# 1093

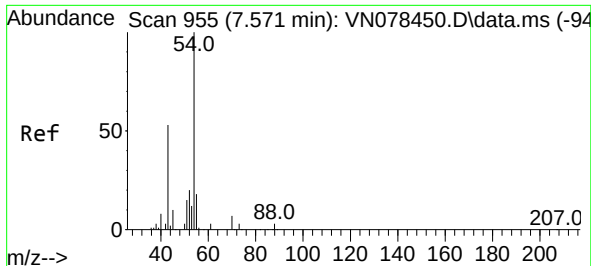
Delta R.T. 0.005 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Tgt Ion:	75	Resp:	410035
Ion Ratio	Lower	Upper	
75	100		
110	35.4	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 51.152 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078458.D

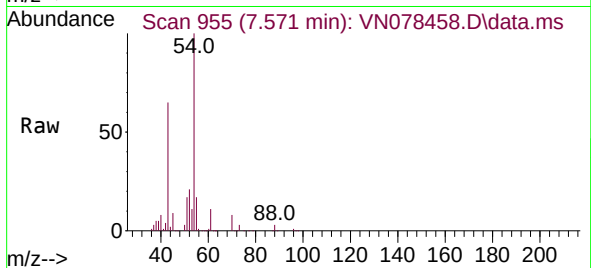
Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



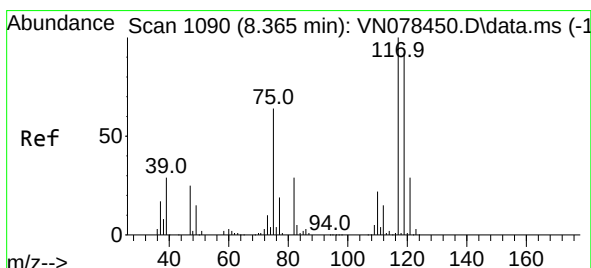
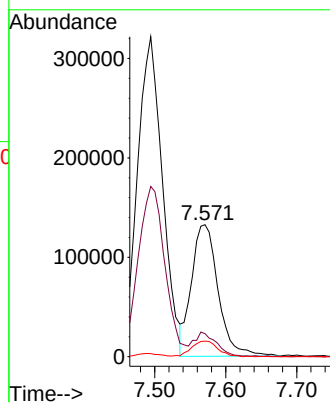
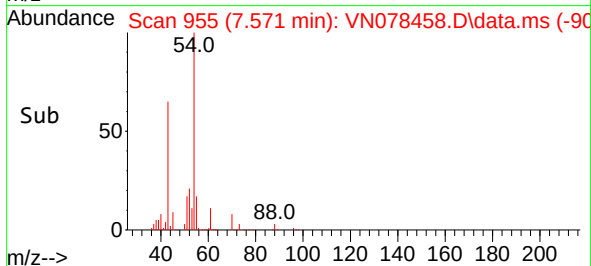
Tgt Ion:	43	Resp:	34639
Ion	Ratio	Lower	Upper
43	100		
61	14.9	13.2	19.8
70	11.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#38

Carbon Tetrachloride

Concen: 50.493 ug/l

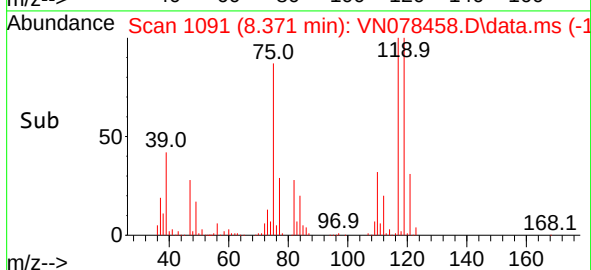
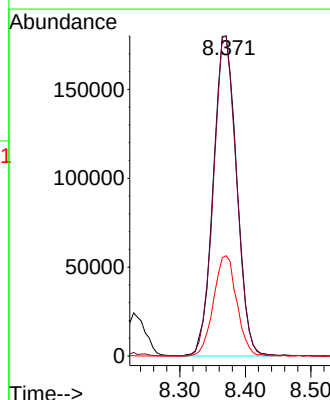
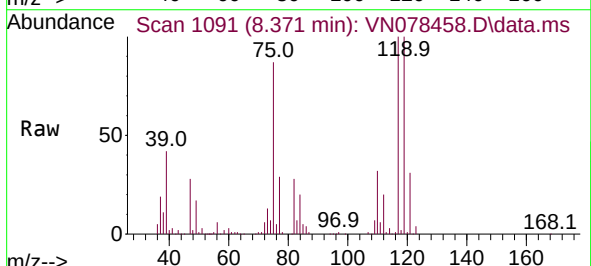
RT: 8.371 min Scan# 1091

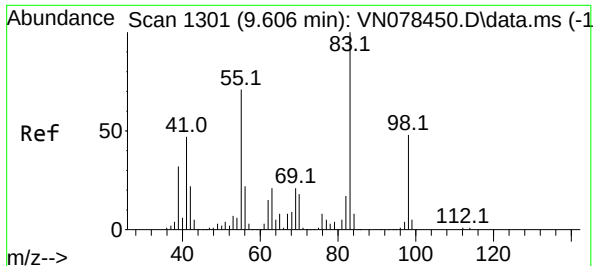
Delta R.T. 0.006 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Tgt Ion:	117	Resp:	445802
Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.3	115.9
121	31.3	23.3	34.9





#39

Methylcyclohexane

Concen: 51.591 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

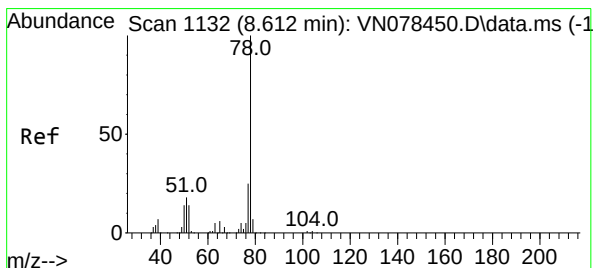
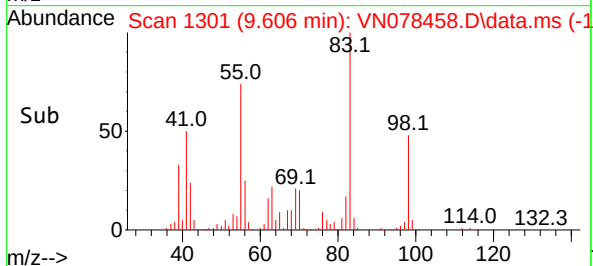
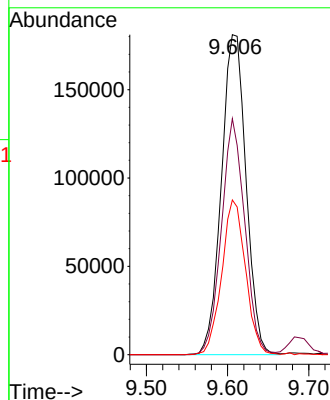
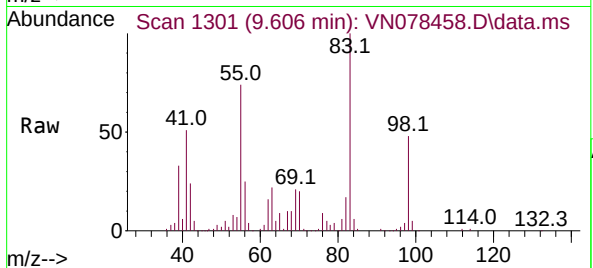
Tgt Ion: 83 Resp: 38255
 Ion Ratio Lower Upper
 83 100
 55 73.7 49.1 73.7
 98 48.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#40

Benzene

Concen: 51.112 ug/l

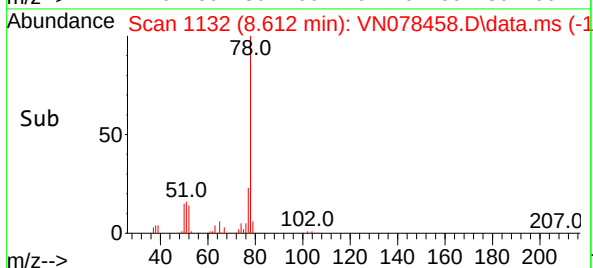
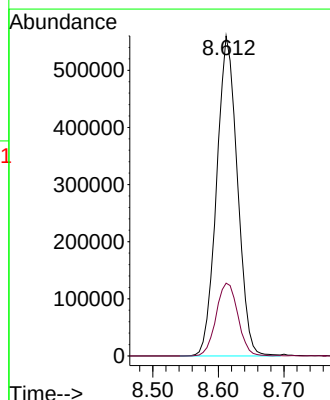
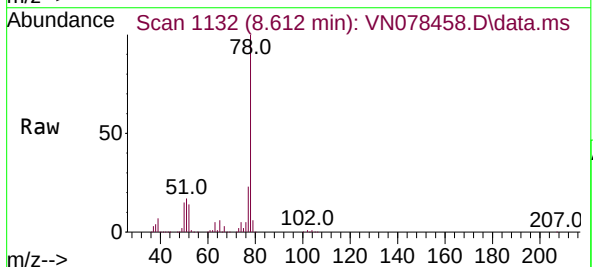
RT: 8.612 min Scan# 1132

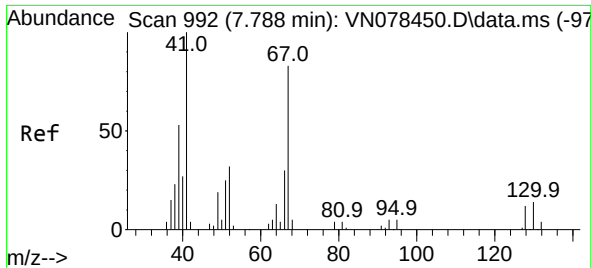
Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

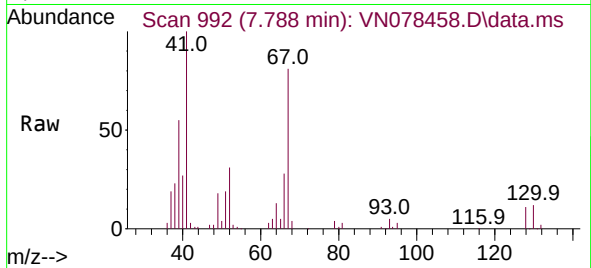
Tgt Ion: 78 Resp: 1230087
 Ion Ratio Lower Upper
 78 100
 77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 50.246 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

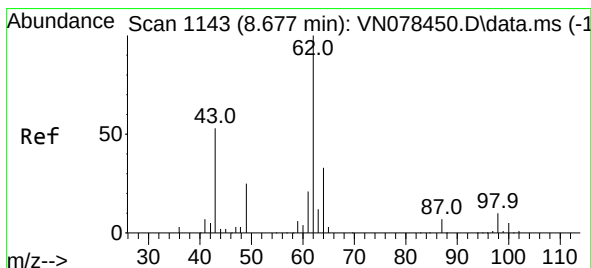
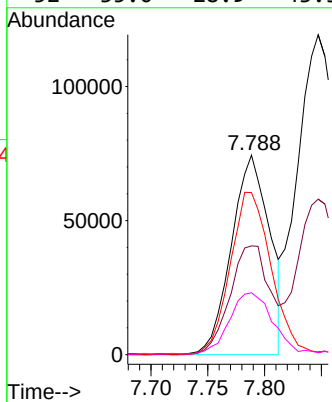
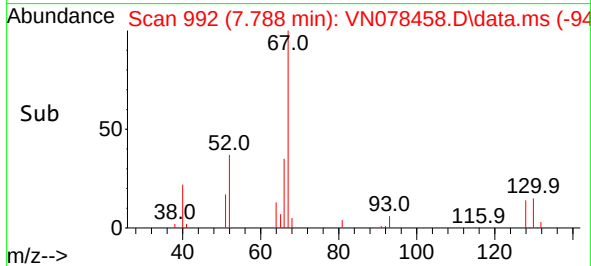
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



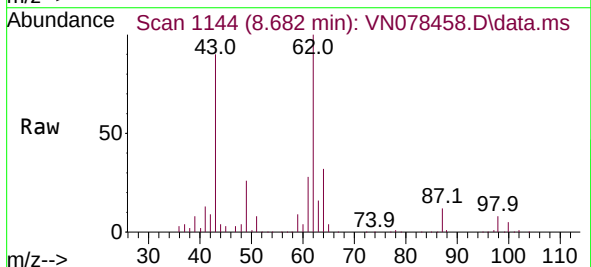
Tgt Ion: 41 Resp: 17346
Ion Ratio Lower Upper
41 100
39 56.5 42.6 64.0
67 88.4 77.5 116.3
52 35.0 28.9 43.3

Manual Integrations
APPROVED

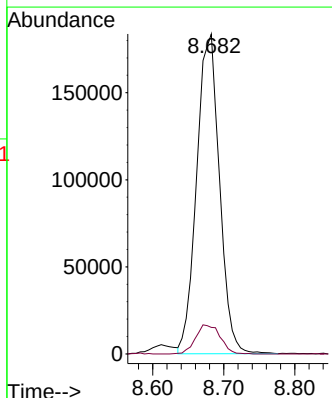
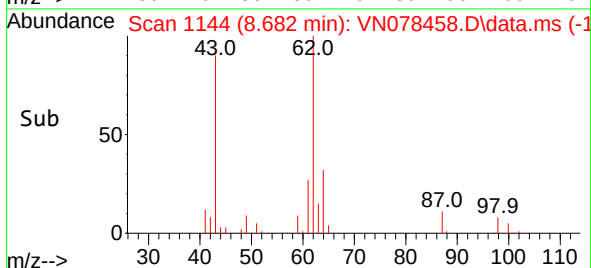
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

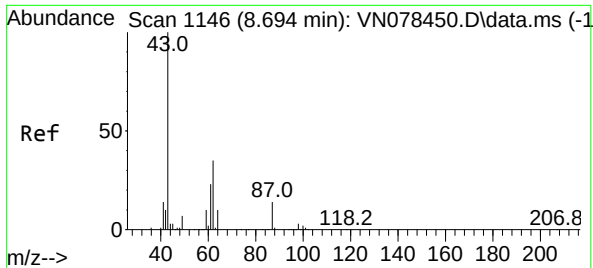


#42
1,2-Dichloroethane
Concen: 50.217 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



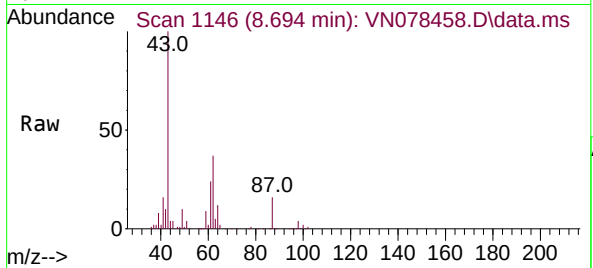
Tgt Ion: 62 Resp: 411076
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.901 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

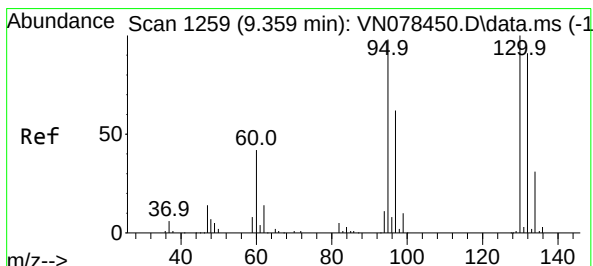
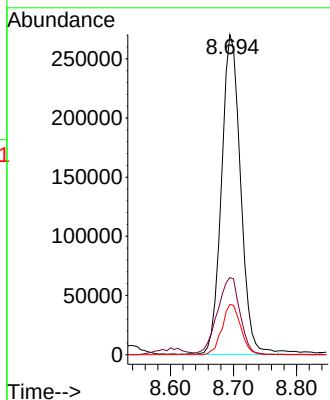
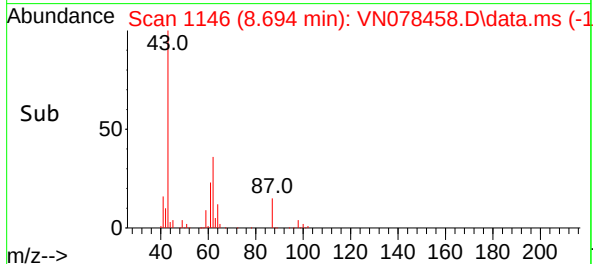
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 567500
Ion Ratio Lower Upper
43 100
61 28.3 24.7 37.1
87 15.5 14.6 21.8

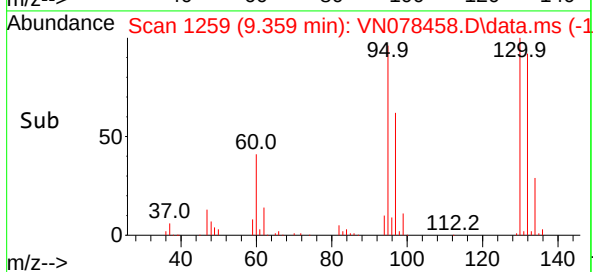
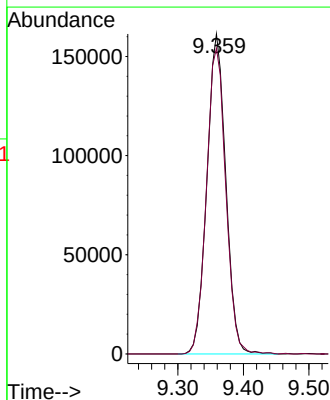
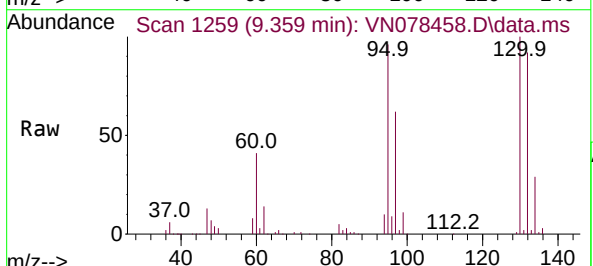
Manual Integrations
APPROVED

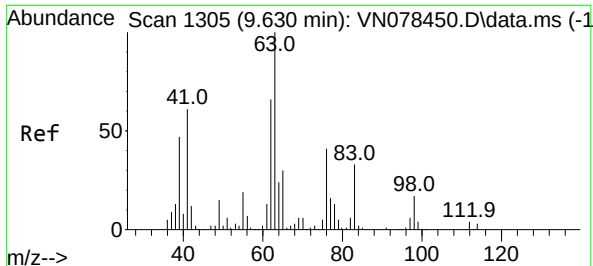
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#44
Trichloroethene
Concen: 49.776 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion:130 Resp: 322872
Ion Ratio Lower Upper
130 100
95 95.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.741 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 309280

Ion Ratio Lower Upper

63 100

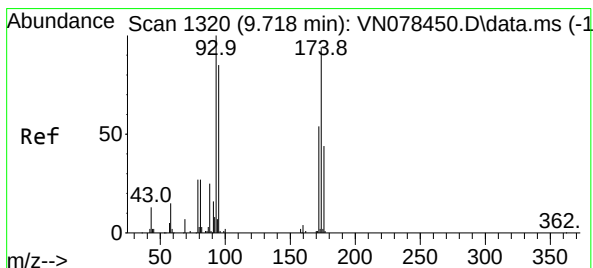
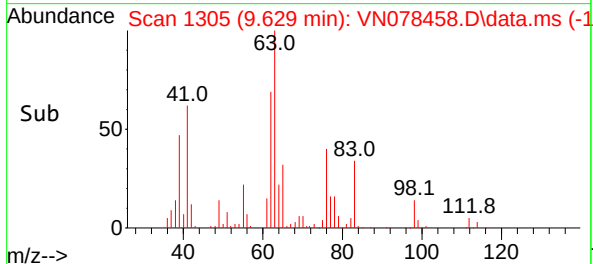
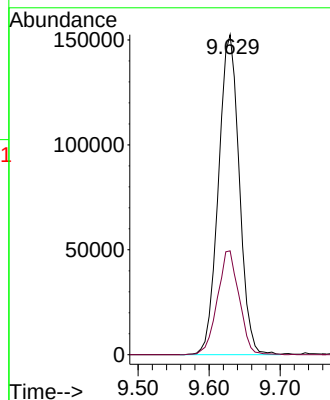
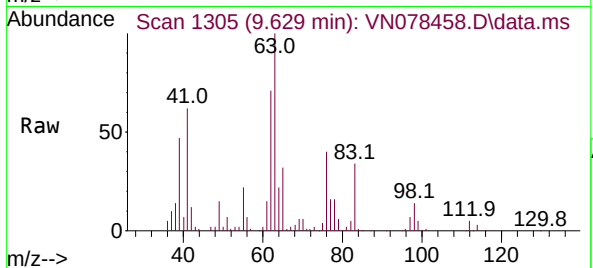
65 32.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#46

Dibromomethane

Concen: 52.477 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

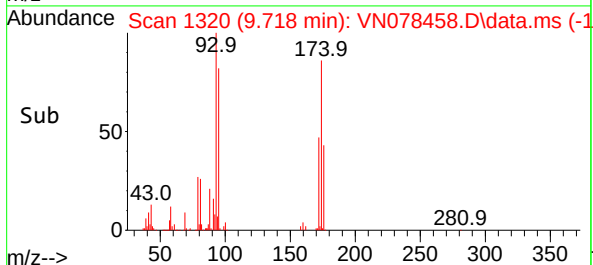
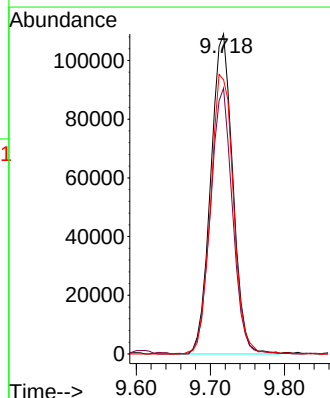
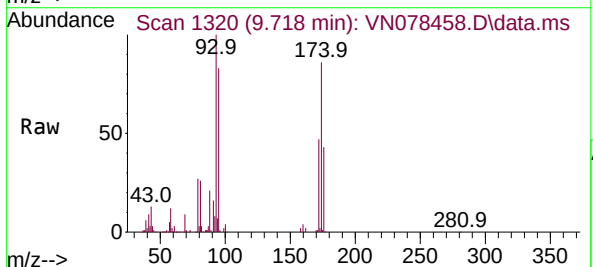
Tgt Ion: 93 Resp: 225137

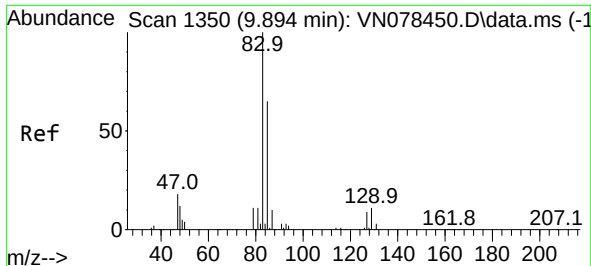
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

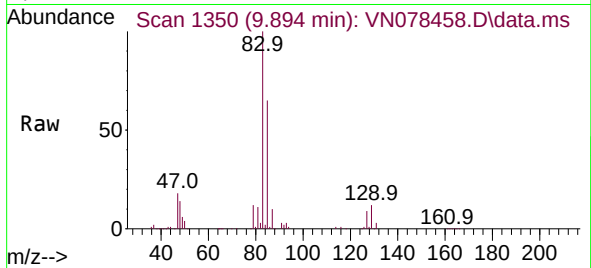
174 90.8 65.6 98.4





#47
Bromodichloromethane
Concen: 51.338 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

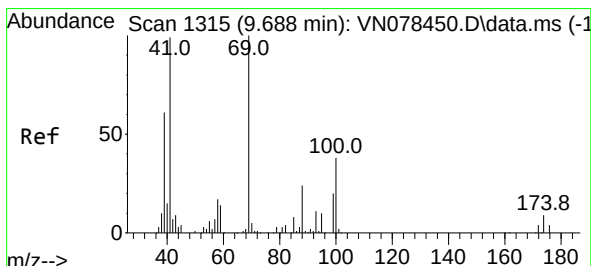
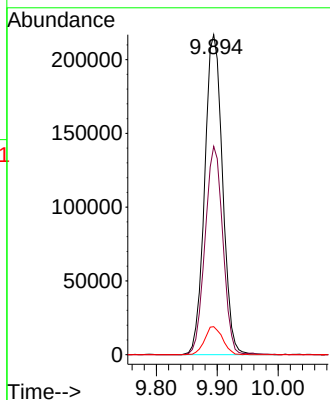
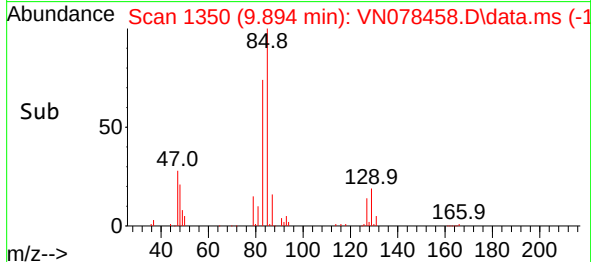
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



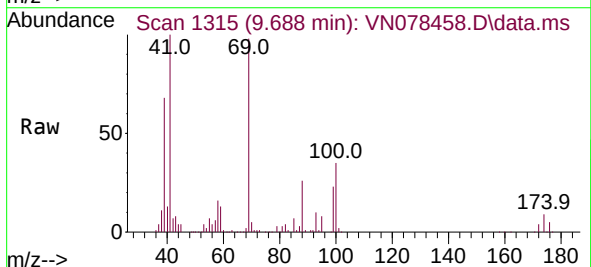
Tgt Ion: 83 Resp: 44150
Ion Ratio Lower Upper
83 100
85 65.1 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
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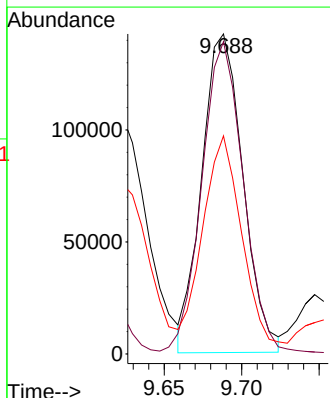
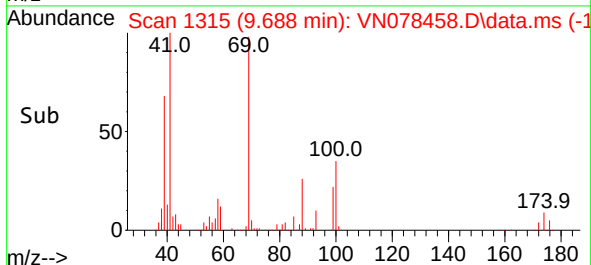
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

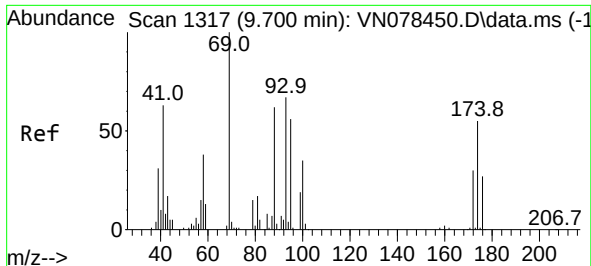


#48
Methyl methacrylate
Concen: 50.912 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



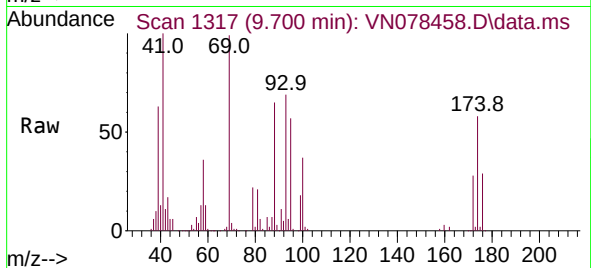
Tgt Ion: 41 Resp: 262973
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 66.4 54.6 81.8





#49
1,4-Dioxane
Concen: 998.419 ug/l
RT: 9.700 min Scan# 11246
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

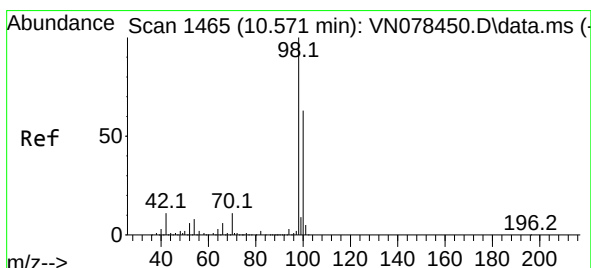
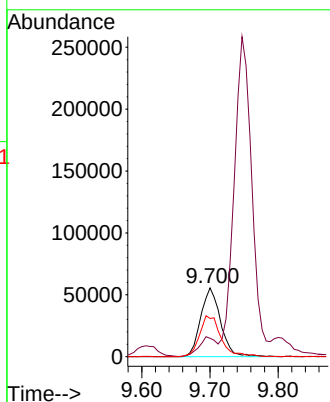
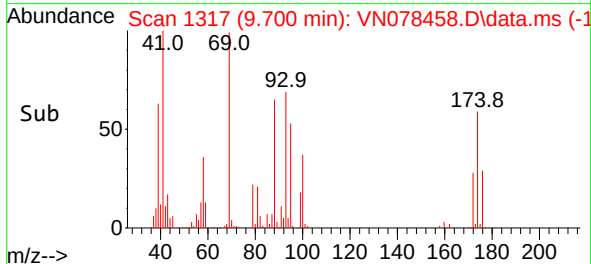
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 11246
Ion Ratio Lower Upper
88 100
43 24.6 17.0 25.6
58 64.2 47.0 70.4

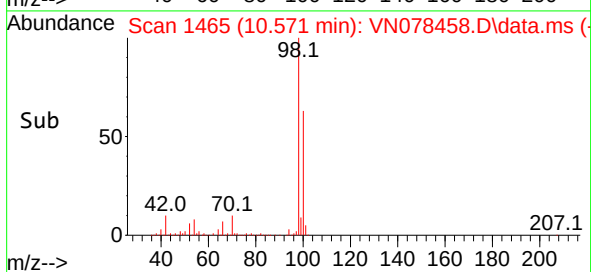
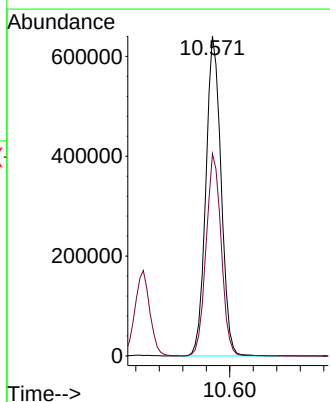
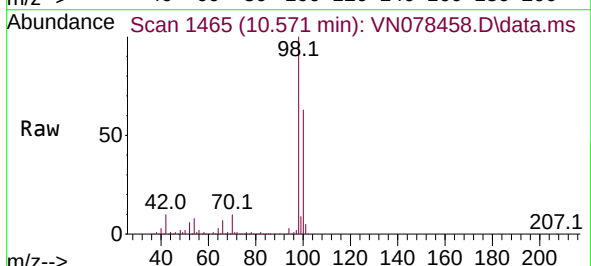
Manual Integrations
APPROVED

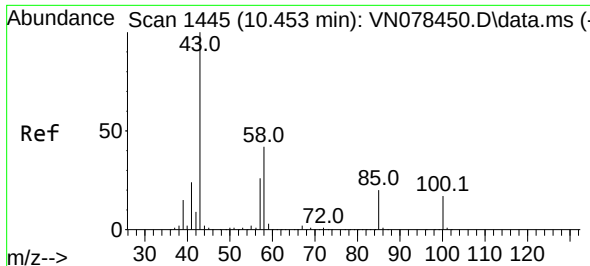
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#50
Toluene-d8
Concen: 54.041 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

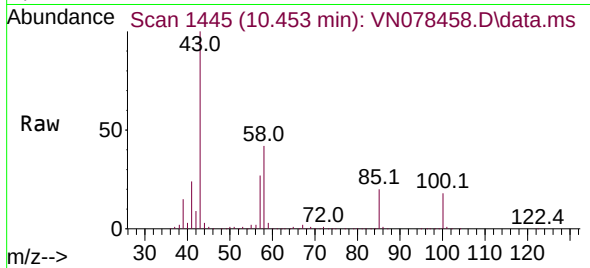
Tgt Ion: 98 Resp: 1148578
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 262.484 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

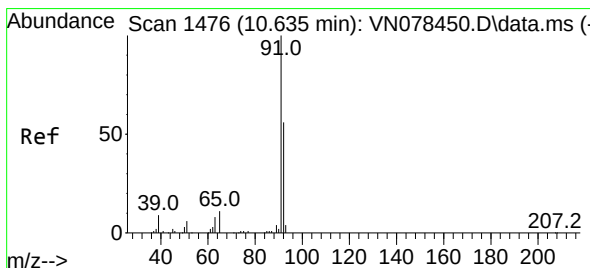
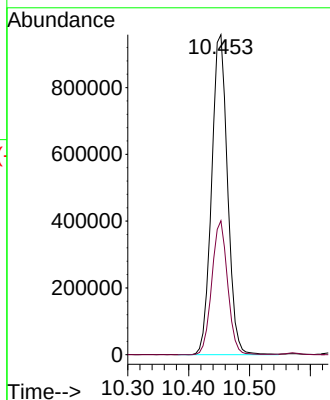
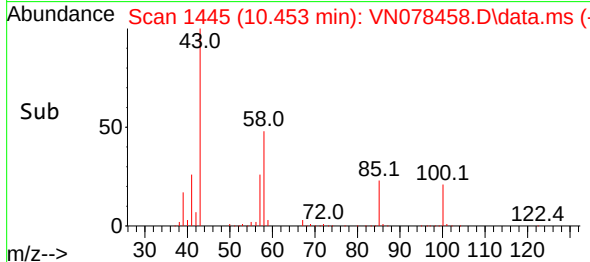
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



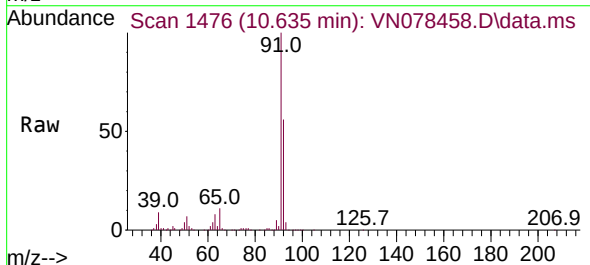
Tgt Ion: 43 Resp: 1740690
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

Manual Integrations
APPROVED

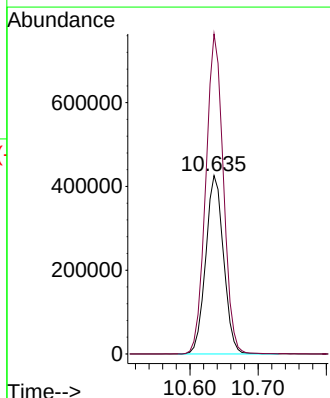
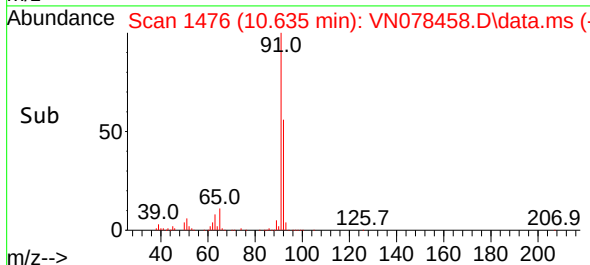
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

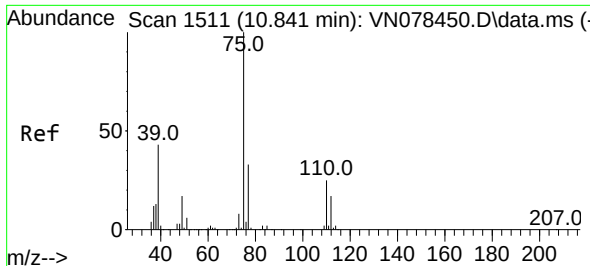


#52
Toluene
Concen: 51.980 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



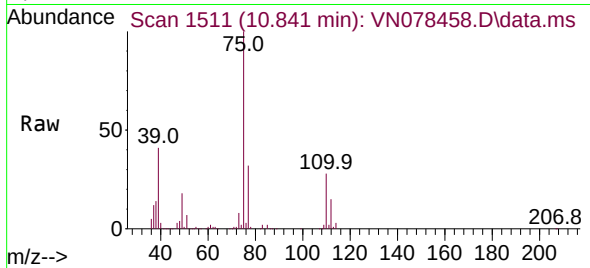
Tgt Ion: 92 Resp: 775329
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.948 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

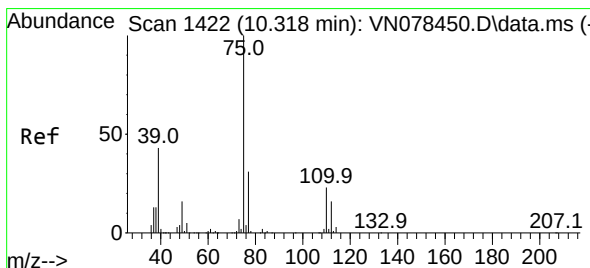
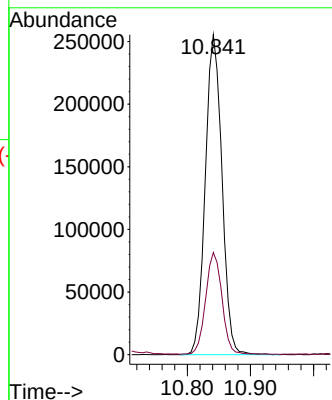
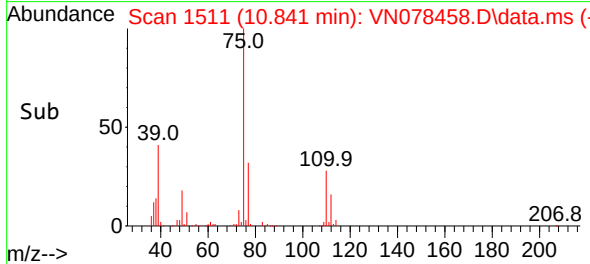
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 466489
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

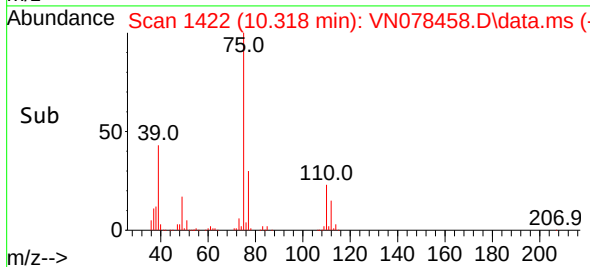
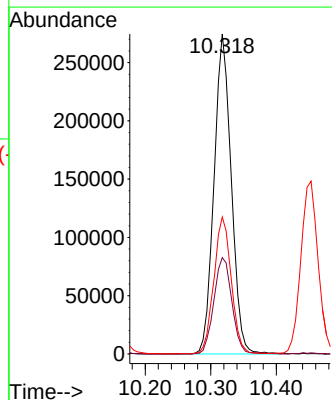
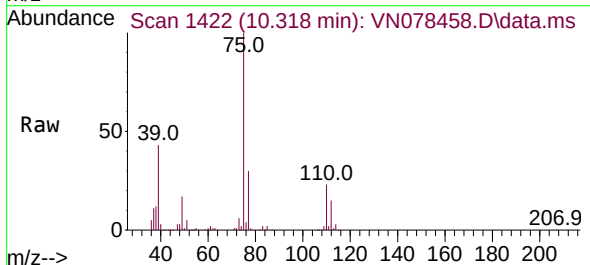
Manual Integrations
APPROVED

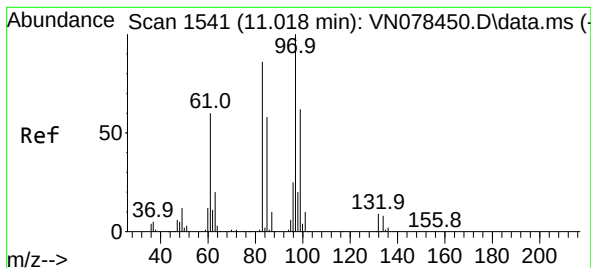
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#54
cis-1,3-Dichloropropene
Concen: 53.312 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

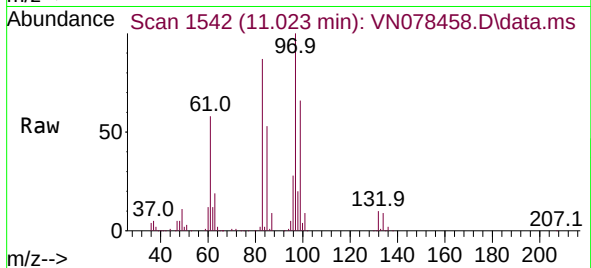
Tgt Ion: 75 Resp: 500667
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1
39 42.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.460 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

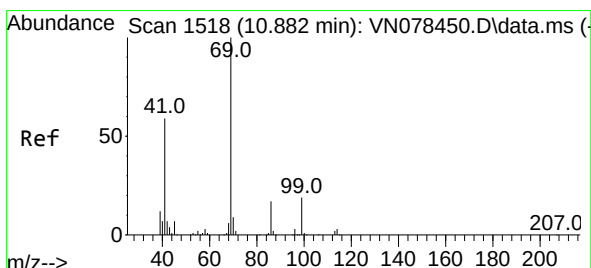
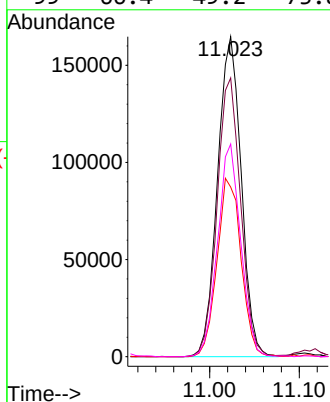
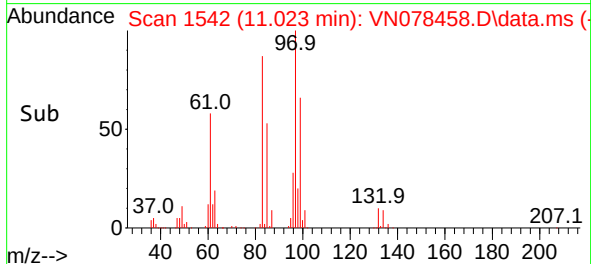
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



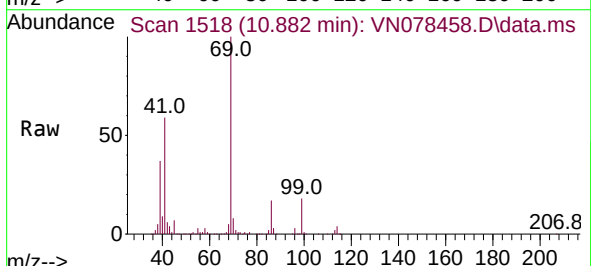
Tgt Ion: 97 Resp: 302420
Ion Ratio Lower Upper
97 100
83 87.1 65.1 97.7
85 53.0 43.4 65.2
99 66.4 49.2 73.8

Manual Integrations
APPROVED

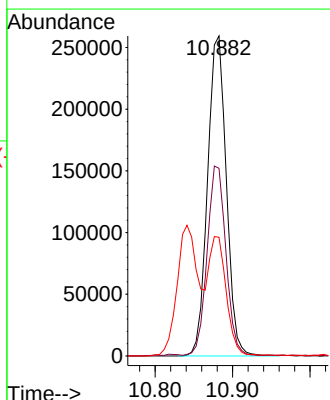
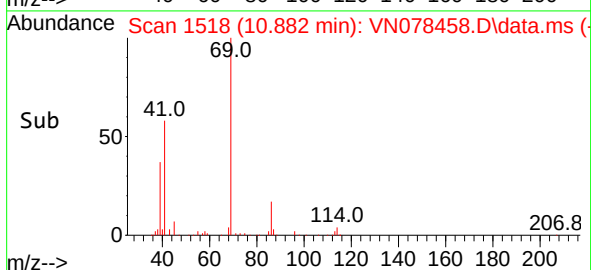
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

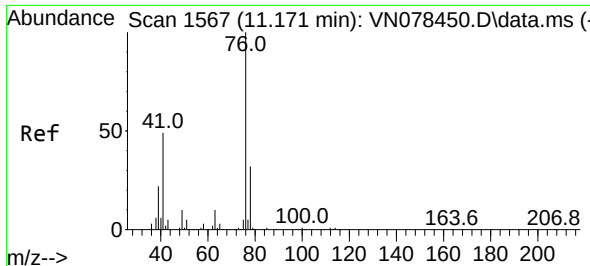


#56
Ethyl methacrylate
Concen: 53.174 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



Tgt Ion: 69 Resp: 436834
Ion Ratio Lower Upper
69 100
41 59.2 39.6 59.4
39 33.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.259 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 51219

Ion Ratio Lower Upper

76 100

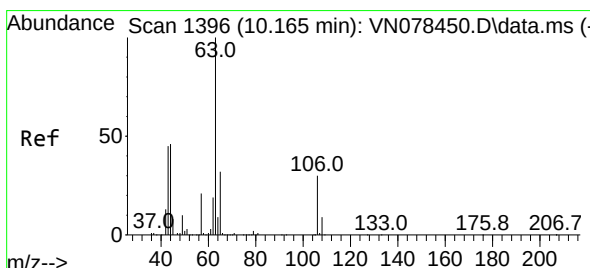
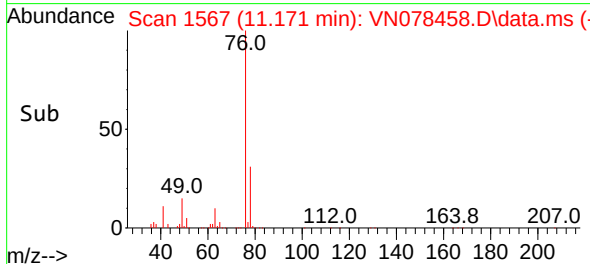
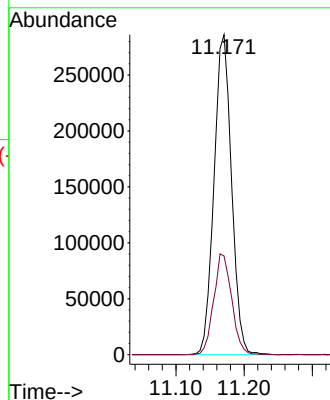
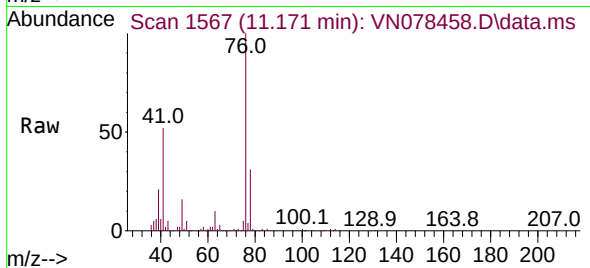
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.580 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078458.D

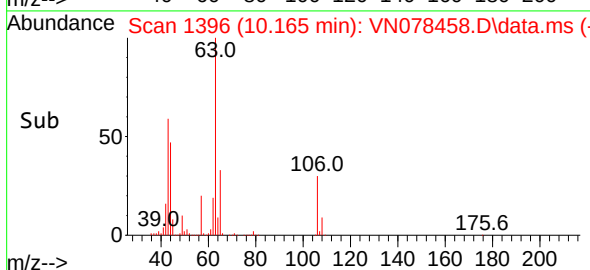
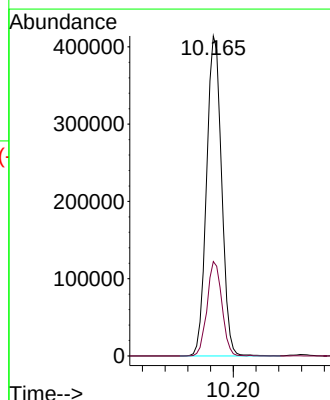
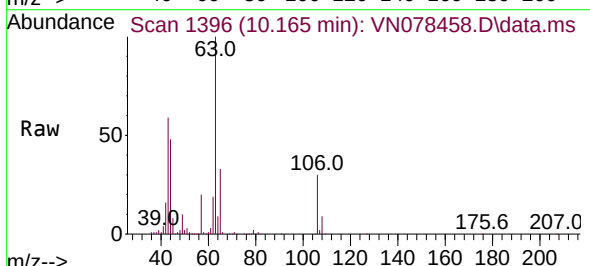
Acq: 11 Jul 2023 11:57

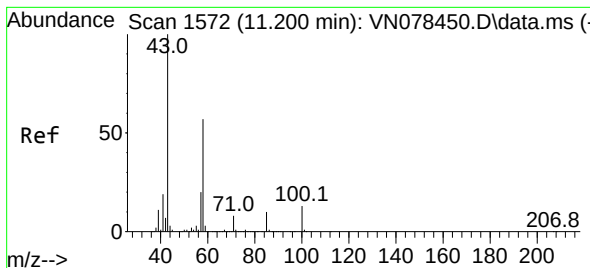
Tgt Ion: 63 Resp: 757031

Ion Ratio Lower Upper

63 100

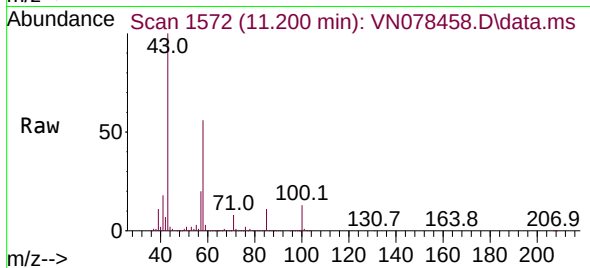
106 29.0 26.2 39.4





#59
2-Hexanone
Concen: 265.474 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

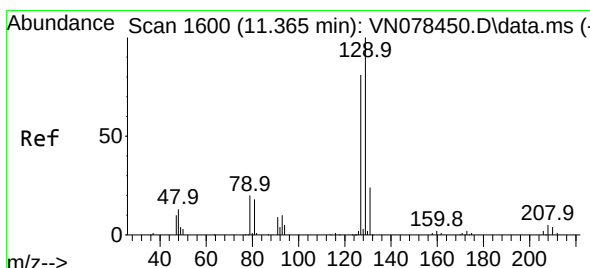
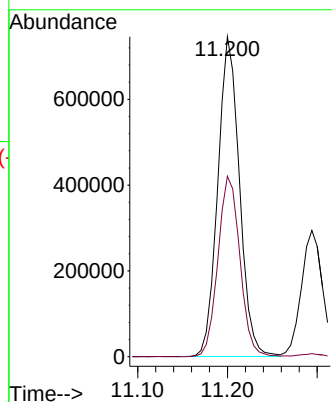
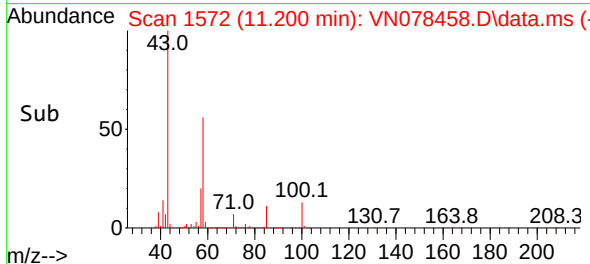
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



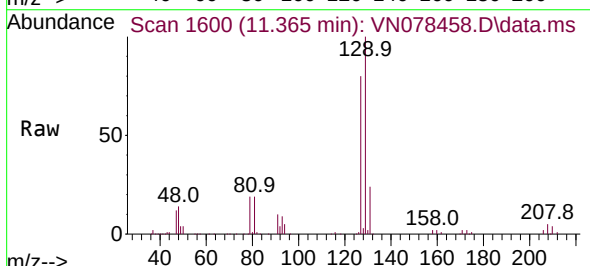
Tgt Ion: 43 Resp: 1251220
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1

Manual Integrations
APPROVED

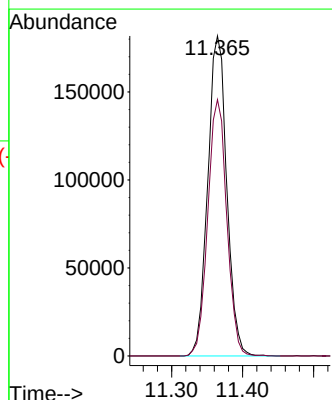
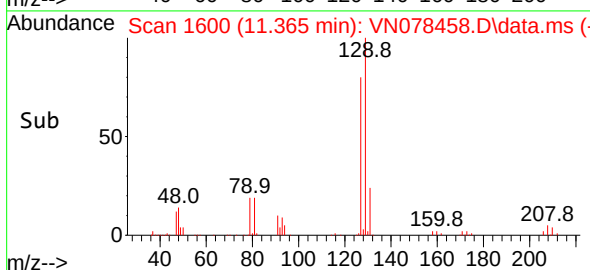
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

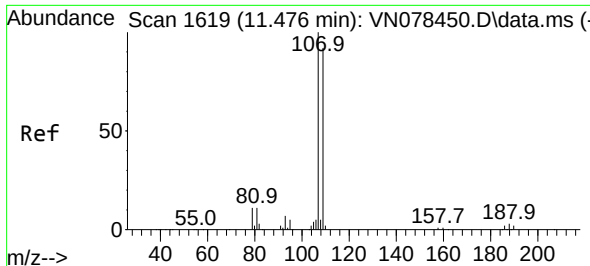


#60
Dibromochloromethane
Concen: 52.209 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



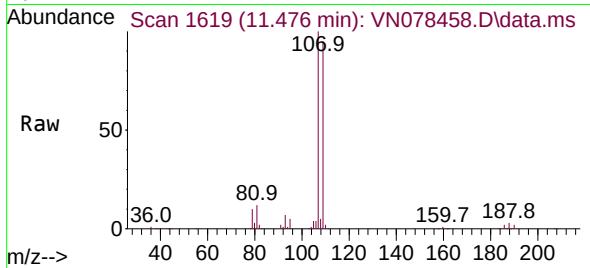
Tgt Ion:129 Resp: 338730
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.381 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

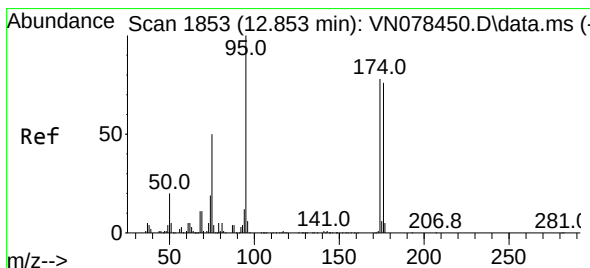
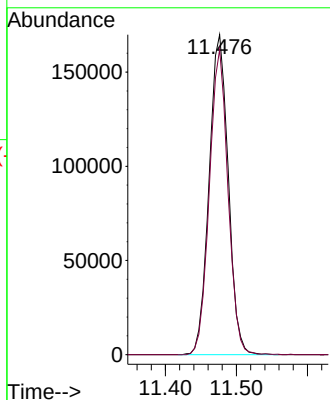
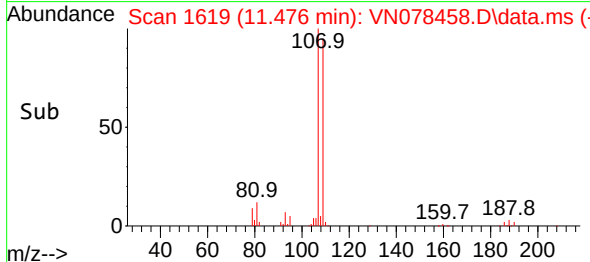
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



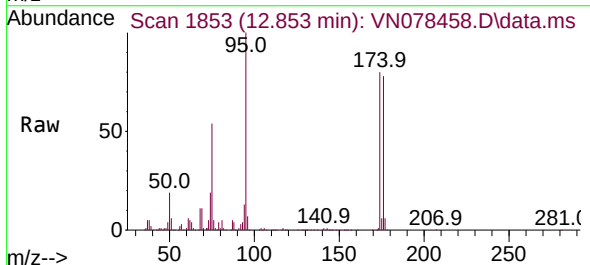
Tgt Ion:107 Resp: 31711
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

Manual Integrations
APPROVED

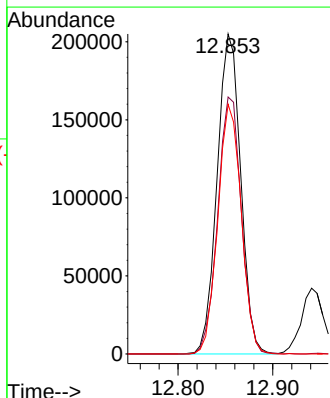
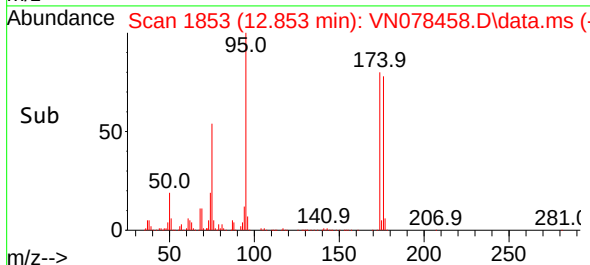
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

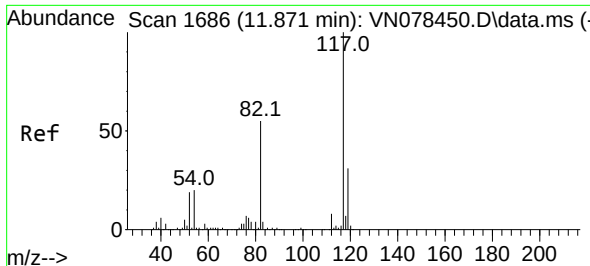


#62
4-Bromofluorobenzene
Concen: 54.077 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



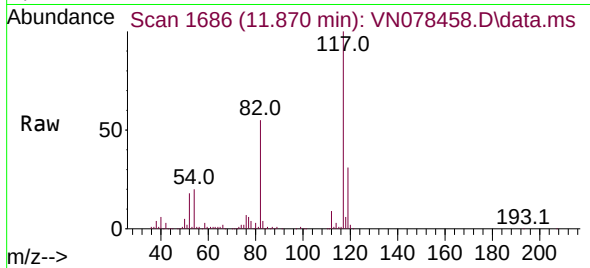
Tgt Ion: 95 Resp: 354017
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 77.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

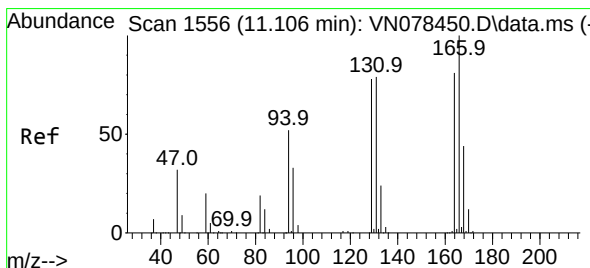
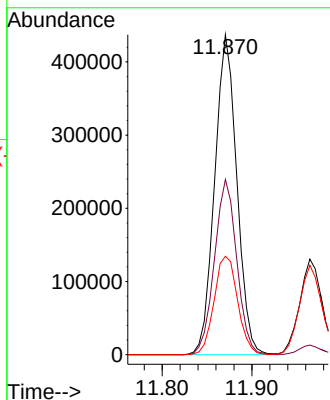
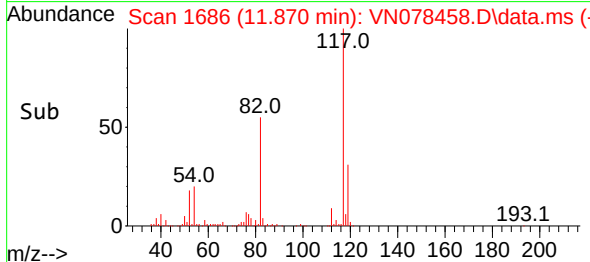
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 749825
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 30.7 25.6 38.4

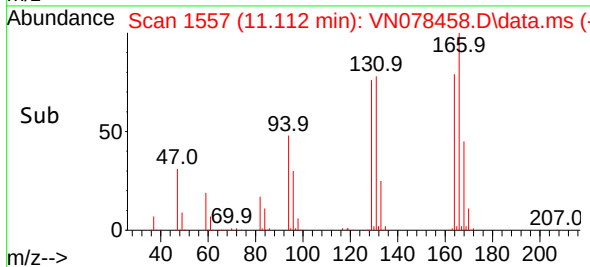
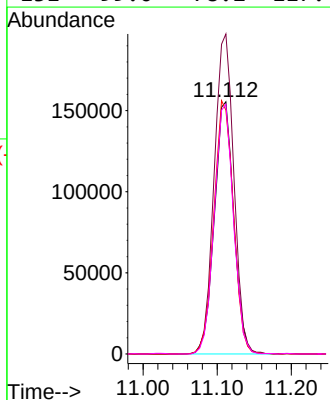
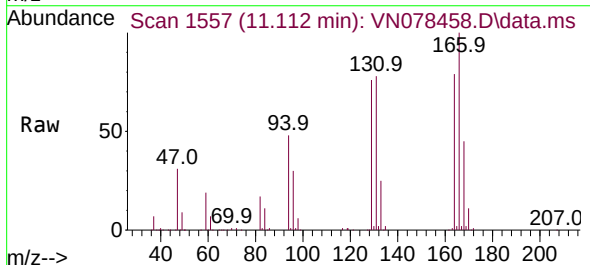
Manual Integrations
APPROVED

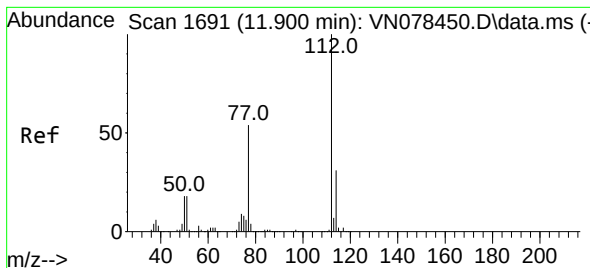
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#64
Tetrachloroethene
Concen: 50.173 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion:164 Resp: 282842
Ion Ratio Lower Upper
164 100
166 126.9 101.4 152.0
129 96.7 82.4 123.6
131 99.0 78.2 117.4





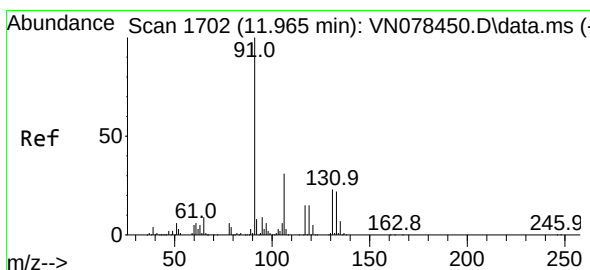
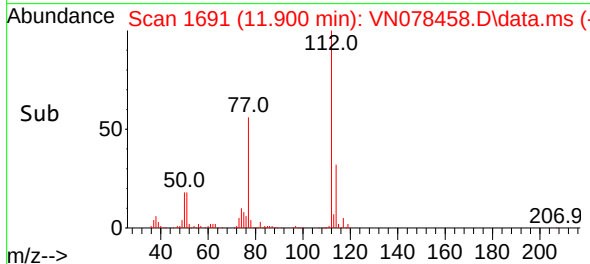
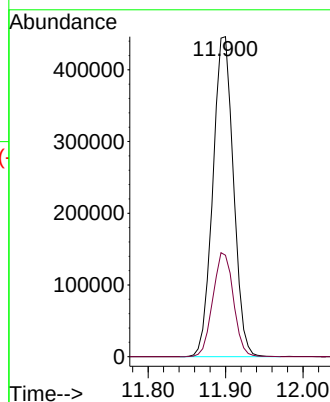
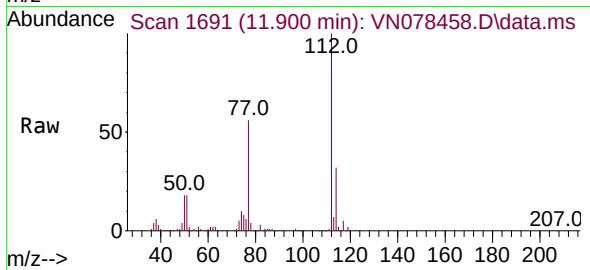
#65
Chlorobenzene
Concen: 49.124 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 823328
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

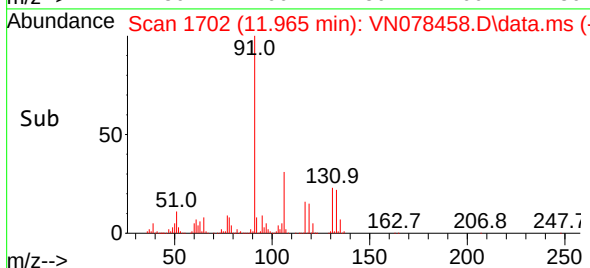
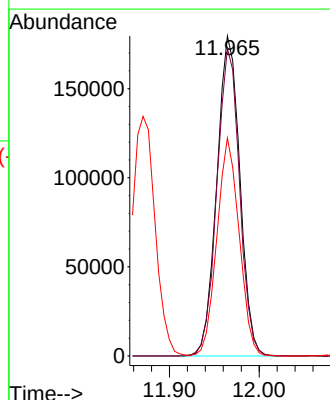
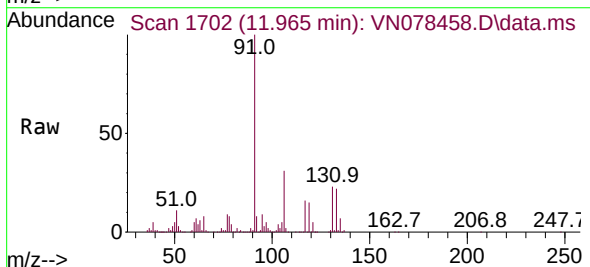
Manual Integrations
APPROVED

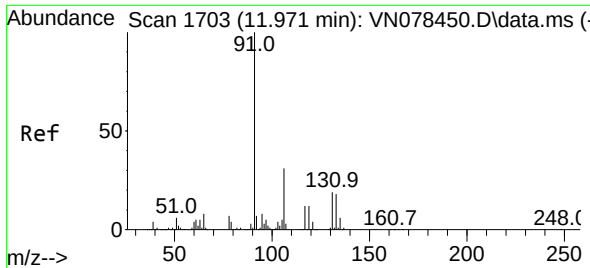
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.532 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

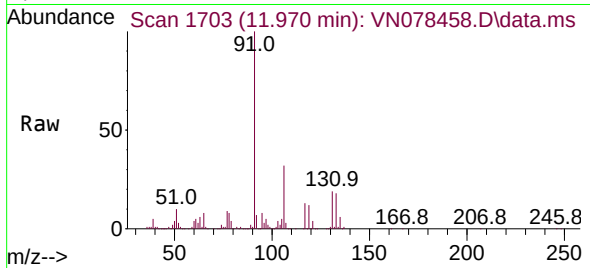
Tgt Ion:131 Resp: 319365
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 51.776 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

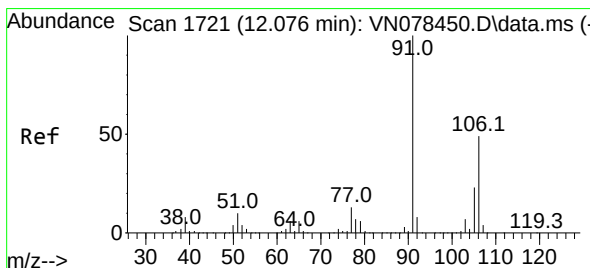
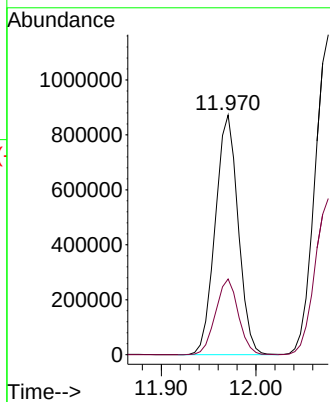
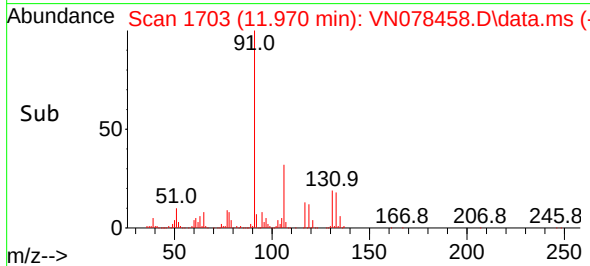
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



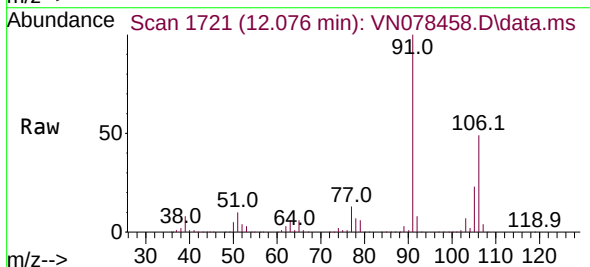
Tgt Ion: 91 Resp: 146684
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

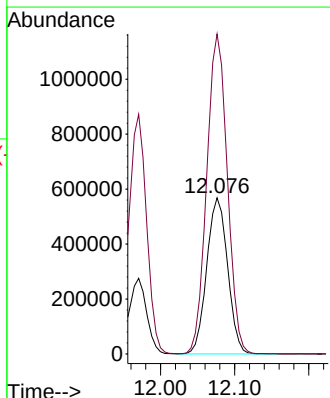
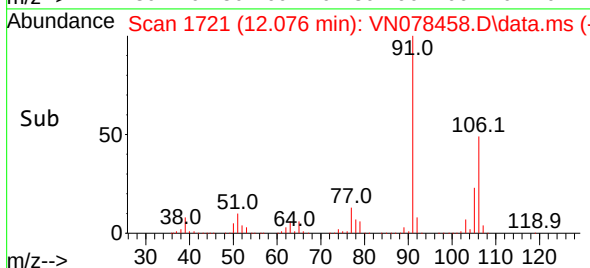
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

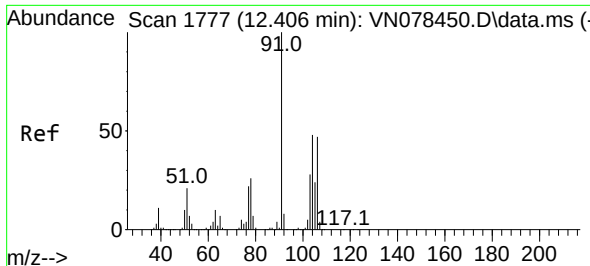


#68
m/p-Xylenes
Concen: 105.956 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



Tgt Ion:106 Resp: 1109850
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4





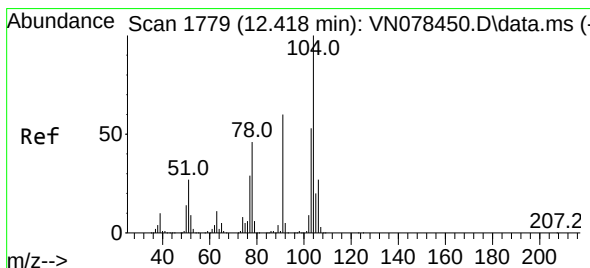
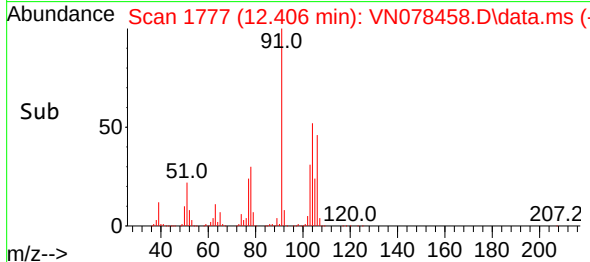
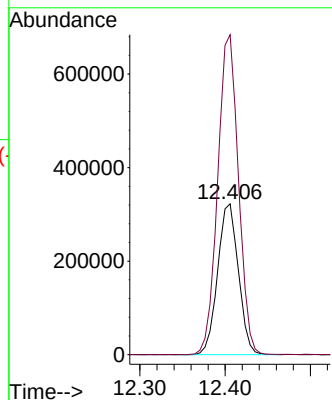
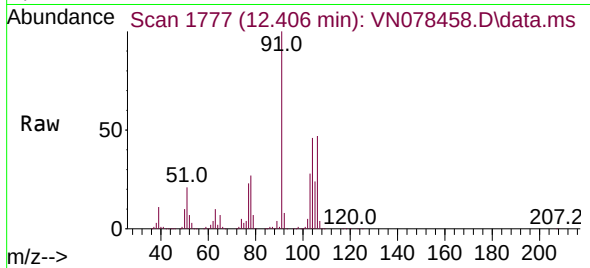
#69
o-Xylene
Concen: 51.532 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 545202
Ion Ratio Lower Upper
106 100
91 212.5 105.2 315.5

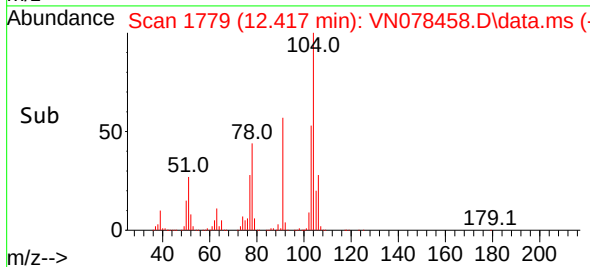
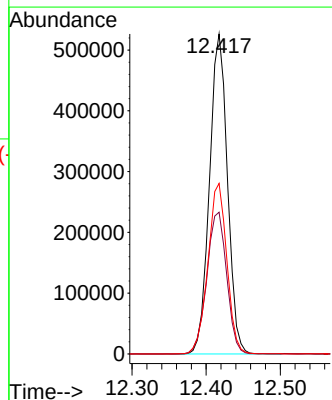
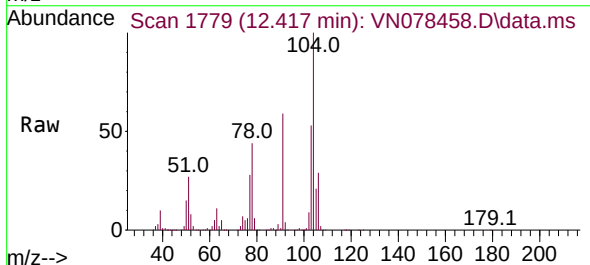
Manual Integrations
APPROVED

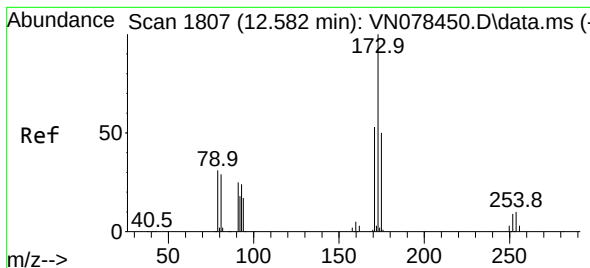
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#70
Styrene
Concen: 53.555 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion:104 Resp: 886442
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 52.212 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 227990

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

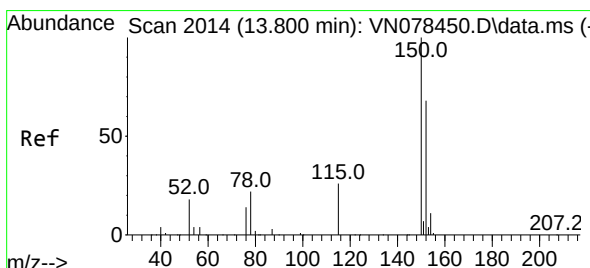
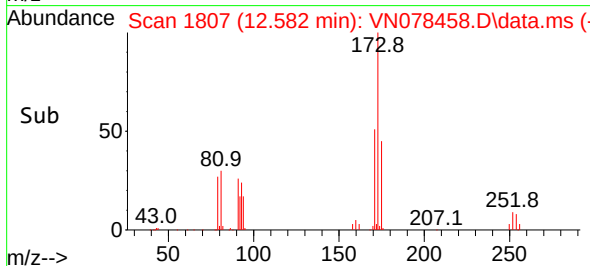
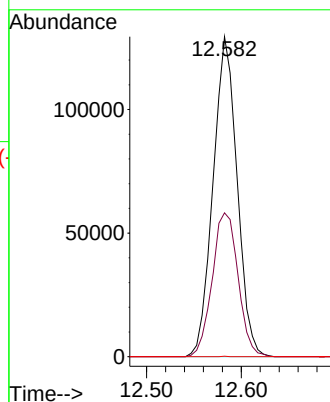
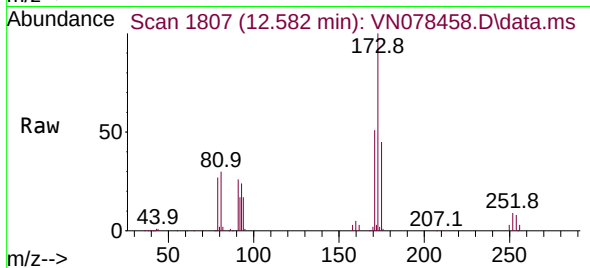
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

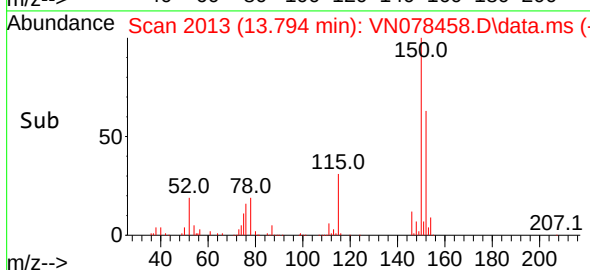
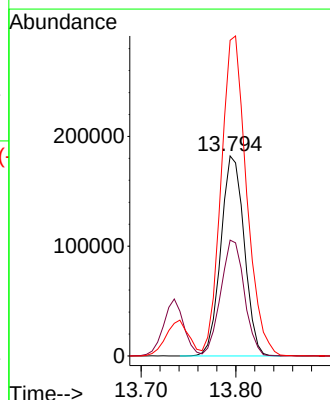
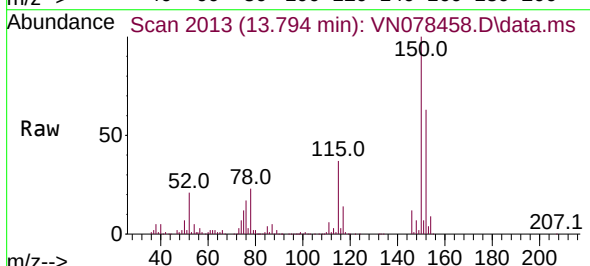
Tgt Ion:152 Resp: 312632

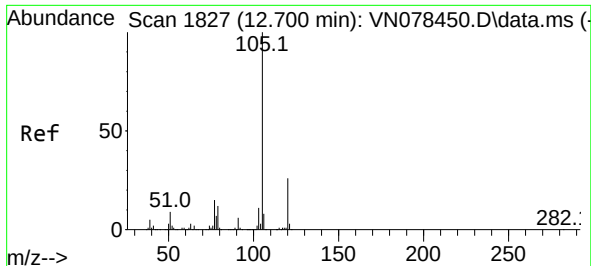
Ion Ratio Lower Upper

152 100

115 58.5 32.3 96.8

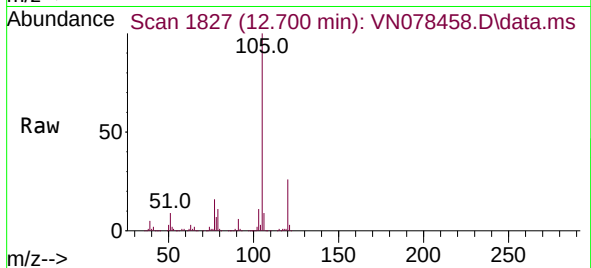
150 174.0 0.0 355.8





#73
Isopropylbenzene
Concen: 46.500 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

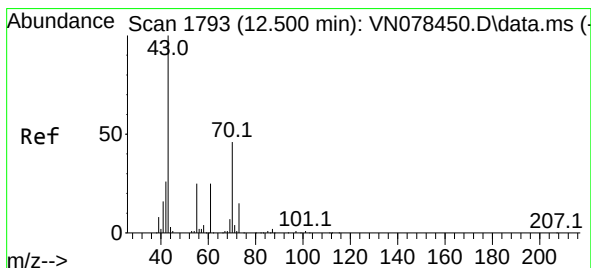
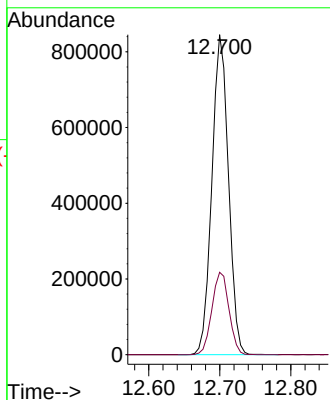
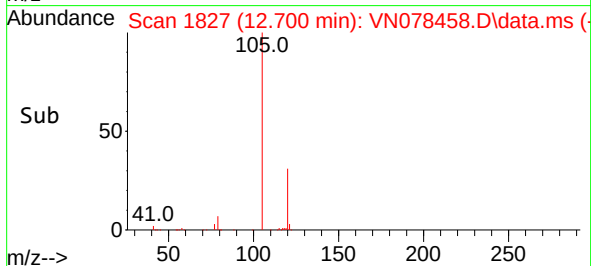
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1365983
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

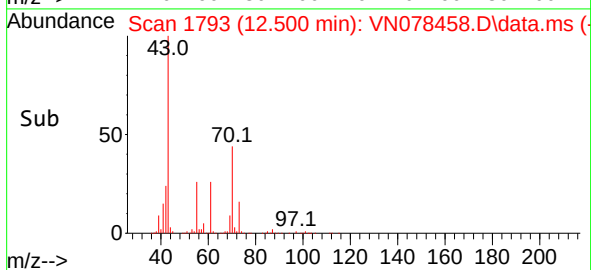
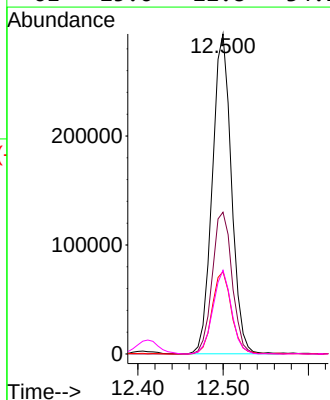
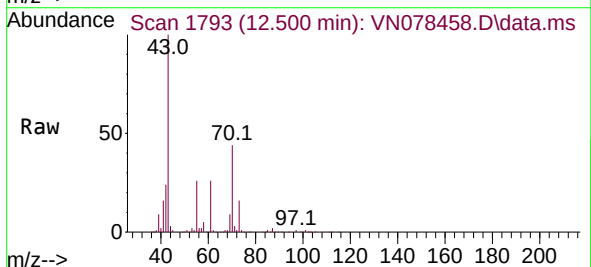
Manual Integrations
APPROVED

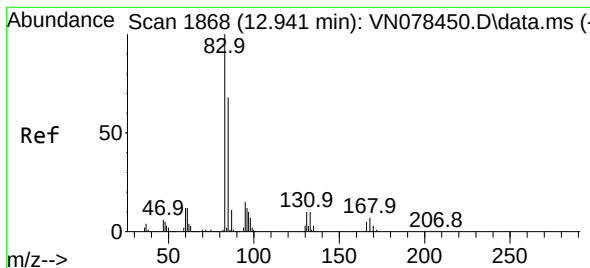
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#74
N-ethyl acetate
Concen: 45.064 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Tgt Ion: 43 Resp: 456211
Ion Ratio Lower Upper
43 100
70 46.1 43.4 65.2
55 26.0 21.4 32.0
61 25.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.296 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 427915

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

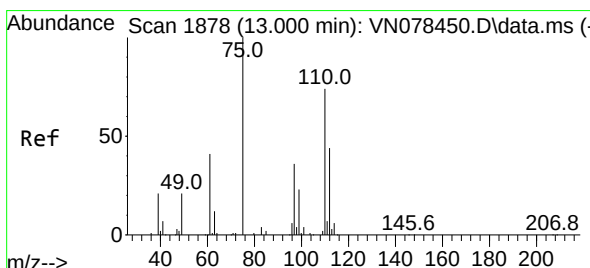
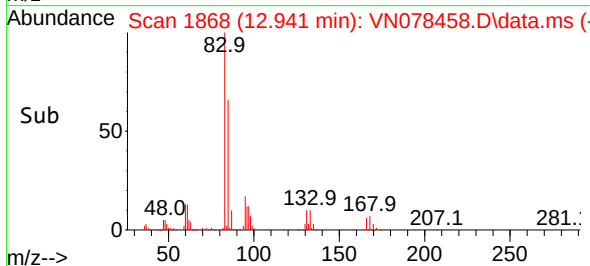
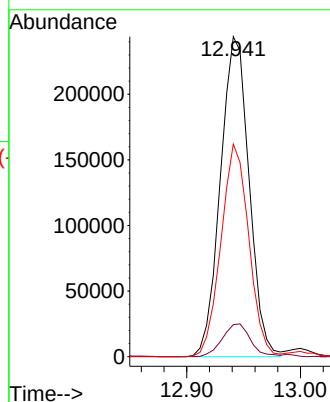
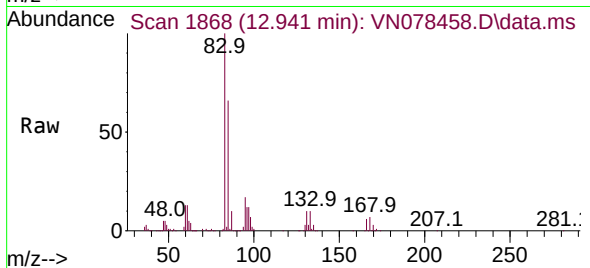
85 64.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#76

1,2,3-Trichloropropane

Concen: 44.850 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078458.D

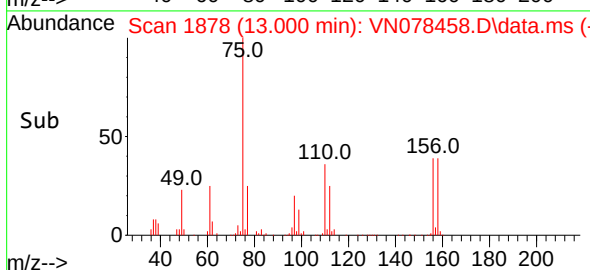
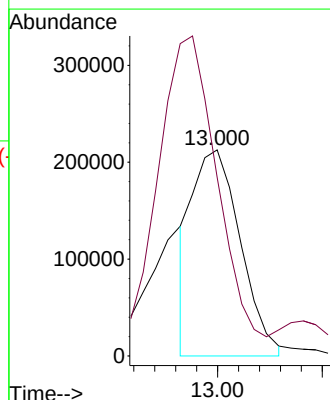
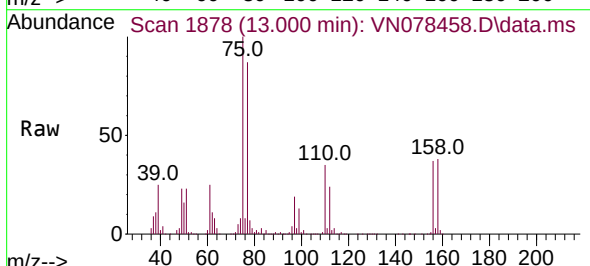
Acq: 11 Jul 2023 11:57

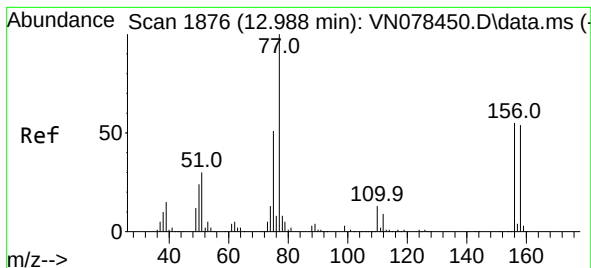
Tgt Ion: 75 Resp: 338915

Ion Ratio Lower Upper

75 100

77 197.0 84.5 253.5





#77

Bromobenzene

Concen: 49.778 ug/l

RT: 12.982 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 31804

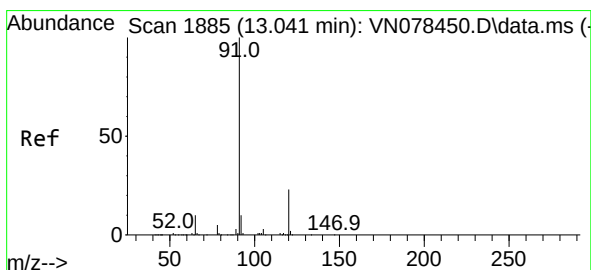
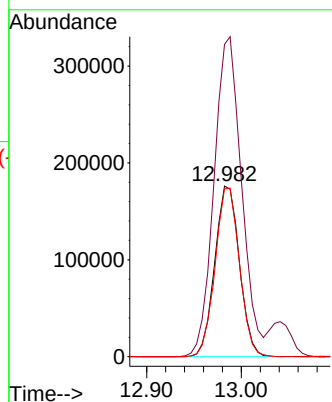
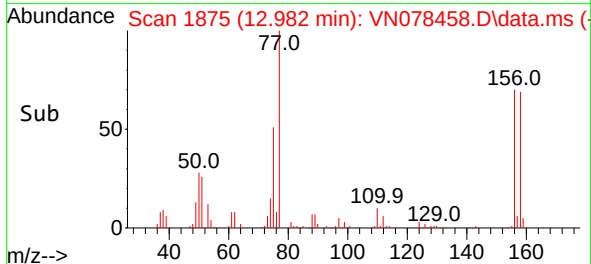
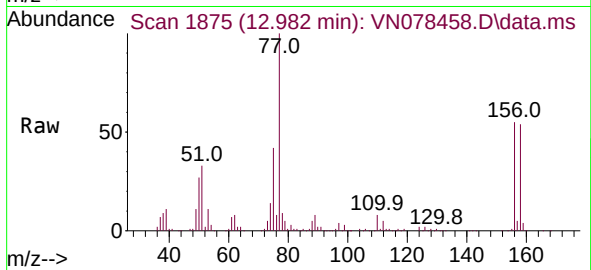
Ion	Ratio	Lower	Upper
156	100		
77	209.9	107.7	323.3
158	97.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#78

n-propylbenzene

Concen: 48.129 ug/l

RT: 13.041 min Scan# 1885

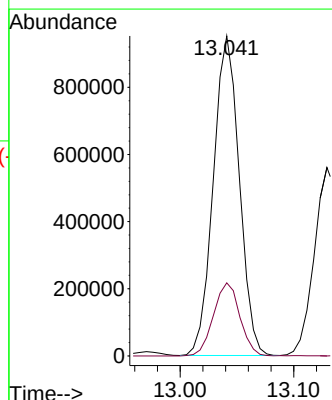
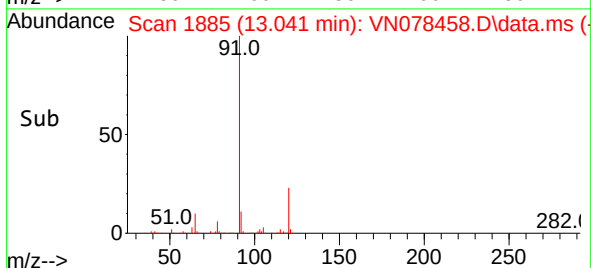
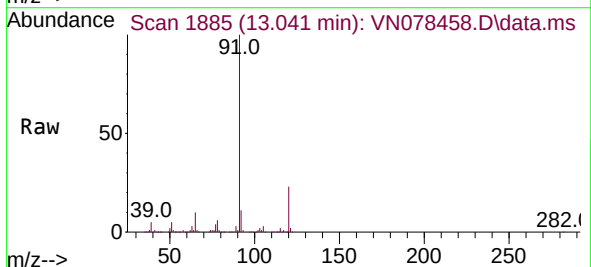
Delta R.T. -0.000 min

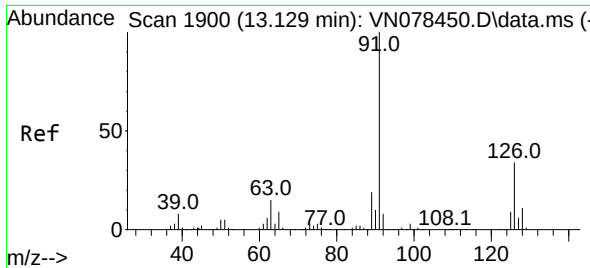
Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Tgt Ion: 91 Resp: 1512042

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4





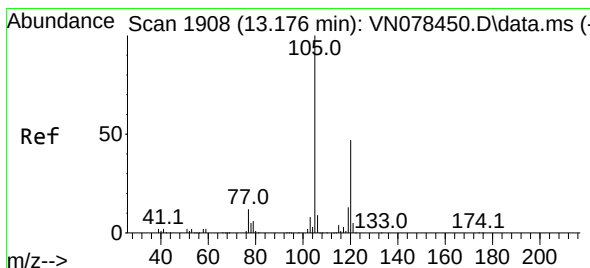
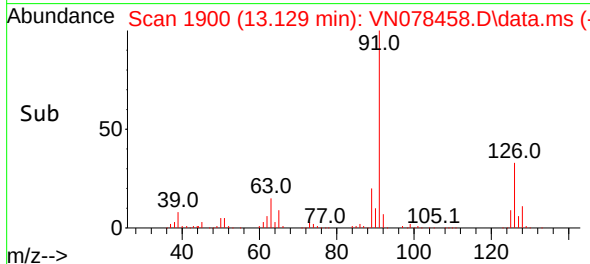
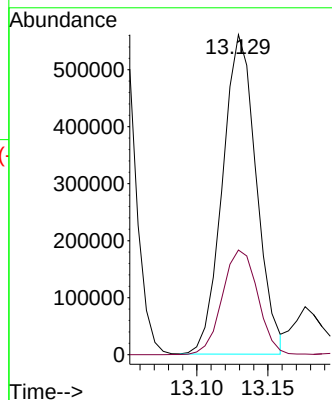
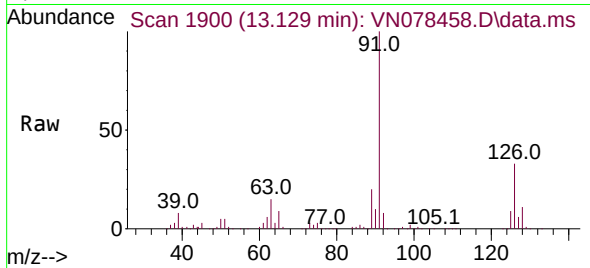
#79
2-Chlorotoluene
Concen: 45.092 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 927910
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

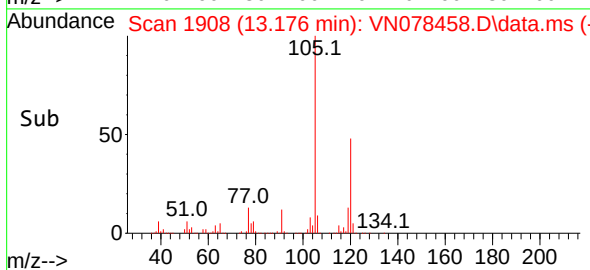
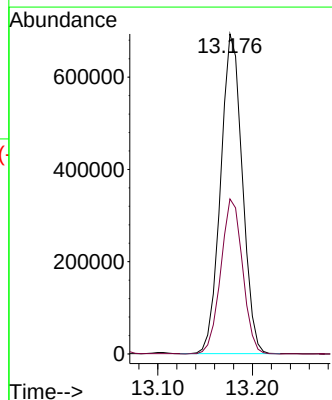
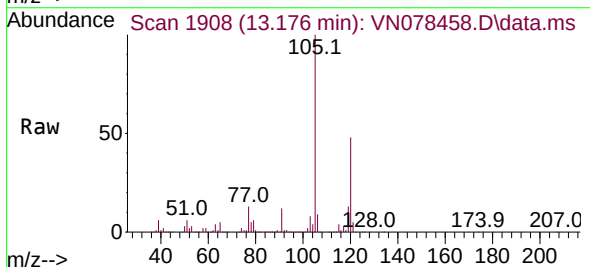
Manual Integrations
APPROVED

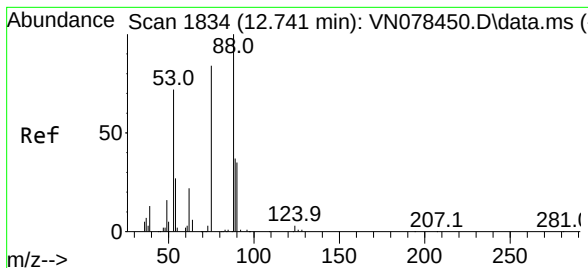
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.535 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

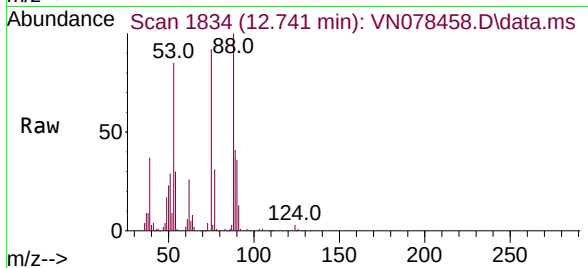
Tgt Ion:105 Resp: 1103329
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.842 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

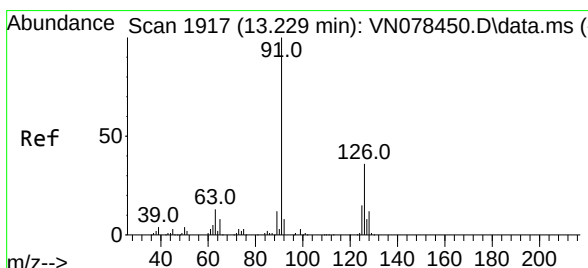
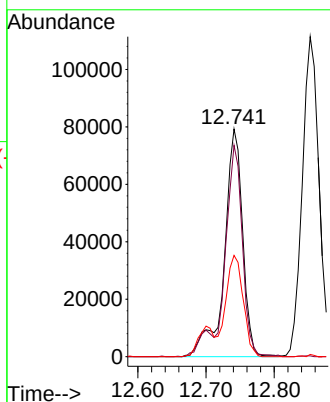
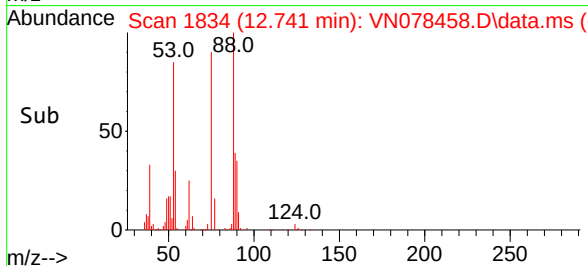
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 149079
Ion Ratio Lower Upper
75 100
53 80.9 67.4 101.2
89 42.7 38.8 58.2

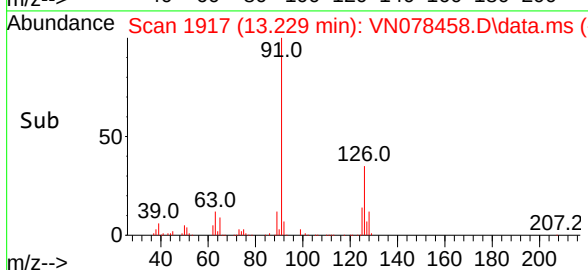
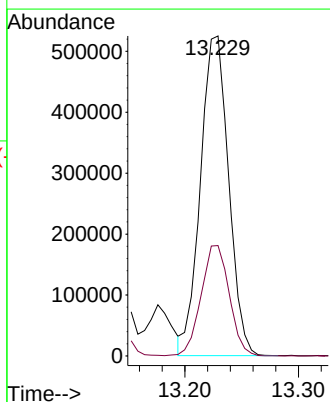
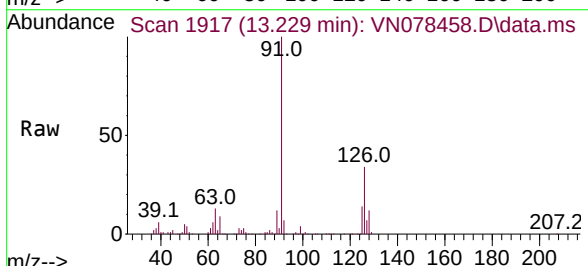
Manual Integrations
APPROVED

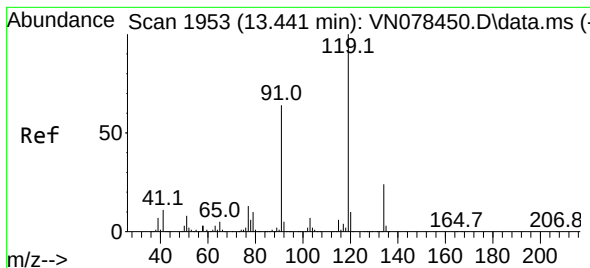
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#82
4-Chlorotoluene
Concen: 47.180 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

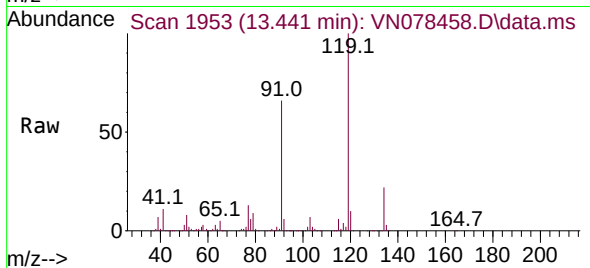
Tgt Ion: 91 Resp: 905694
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.839 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

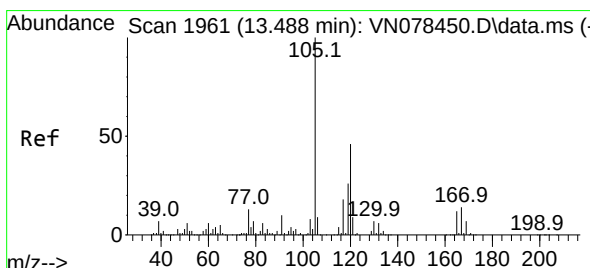
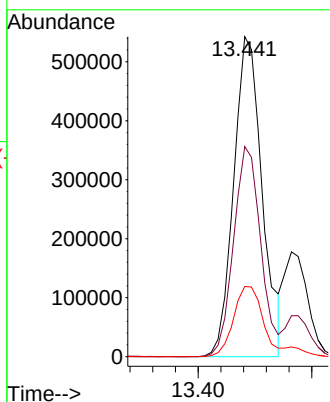
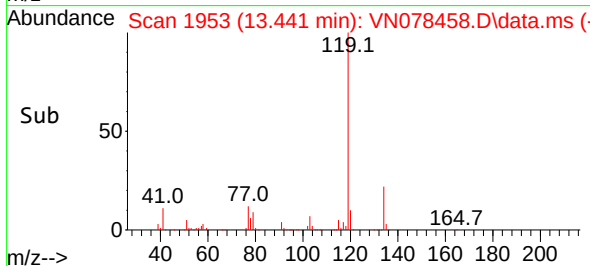
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



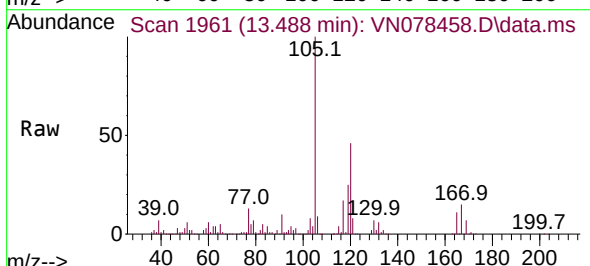
Tgt Ion:119 Resp: 942719
Ion Ratio Lower Upper
119 100
91 62.9 33.9 101.7
134 24.6 13.2 39.6

Manual Integrations
APPROVED

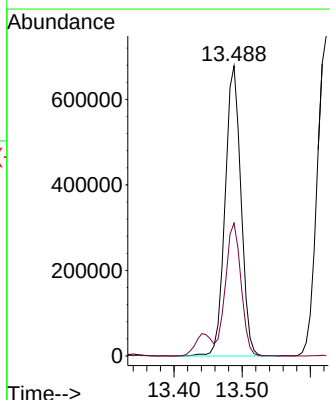
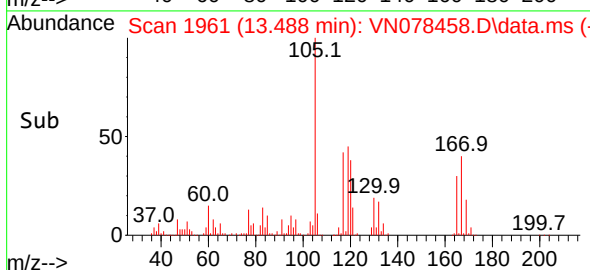
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

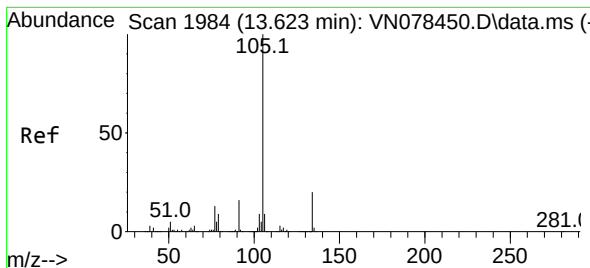


#84
1,2,4-Trimethylbenzene
Concen: 48.617 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



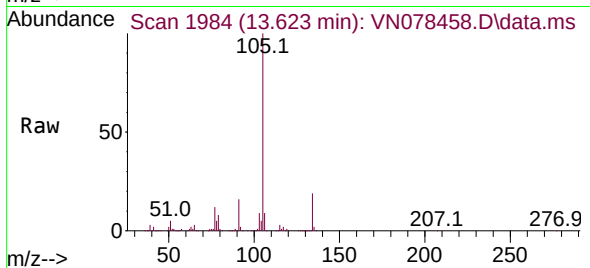
Tgt Ion:105 Resp: 1096099
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.491 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57

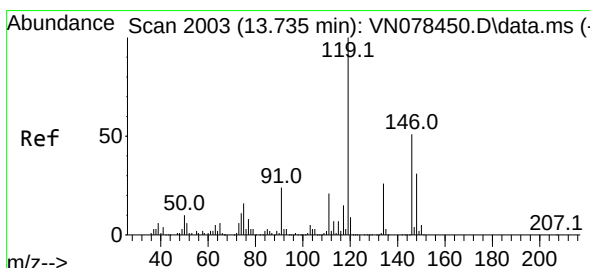
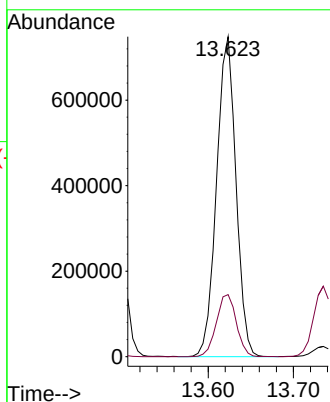
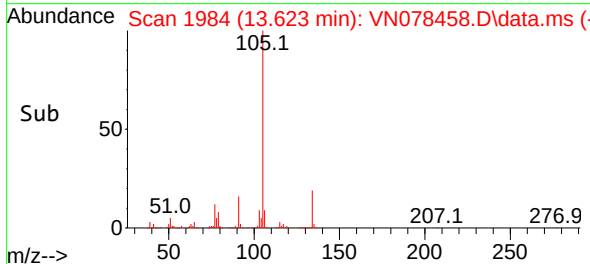
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



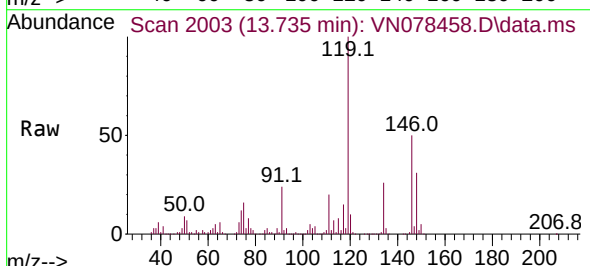
Tgt Ion:105 Resp: 1182934
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
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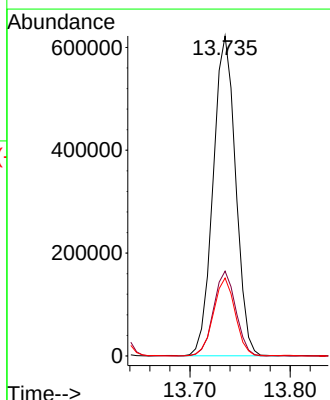
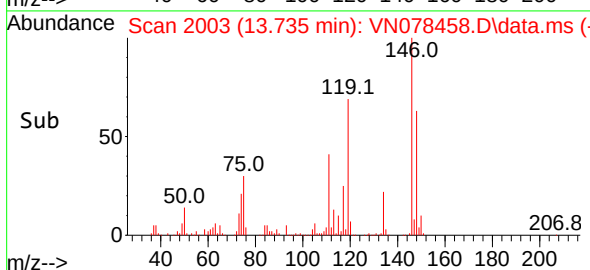
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

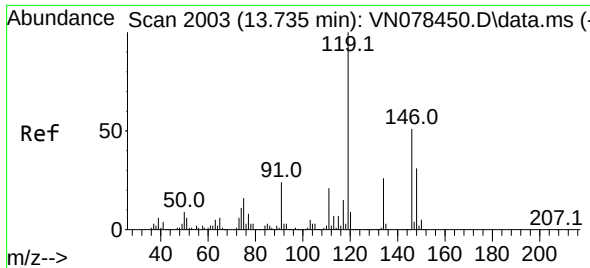


#86
 p-Isopropyltoluene
 Concen: 48.406 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57



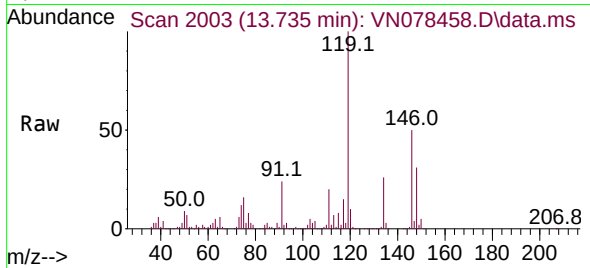
Tgt Ion:119 Resp: 968161
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 47.896 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57

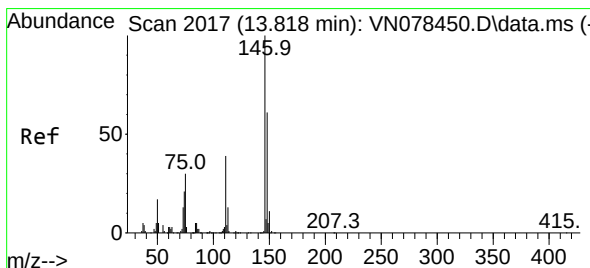
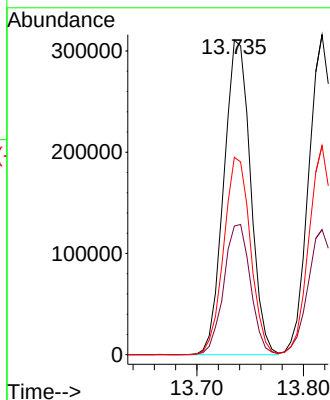
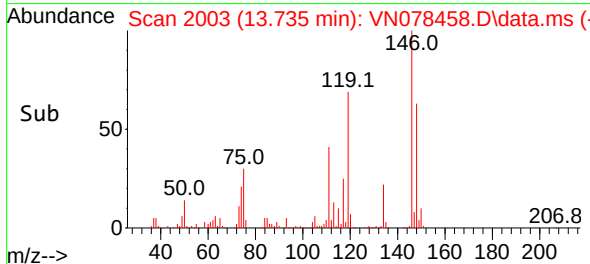
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



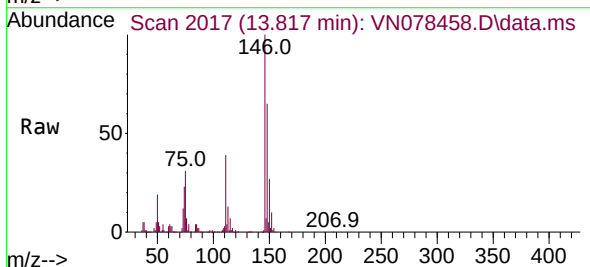
Tgt Ion:146 Resp: 540138
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 63.0 32.0 96.0

Manual Integrations
 APPROVED

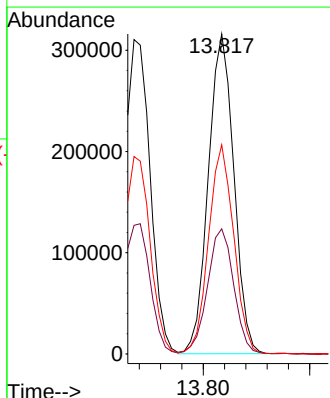
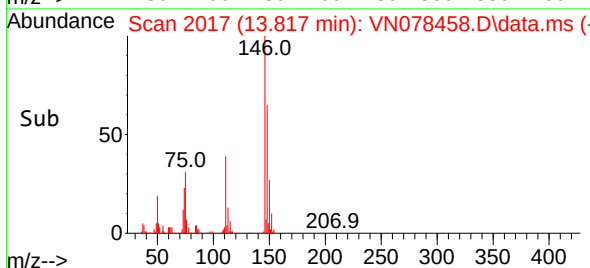
Reviewed By :John Carlone 07/12/2023
 Supervised By :Mahesh Dadoda 07/12/2023

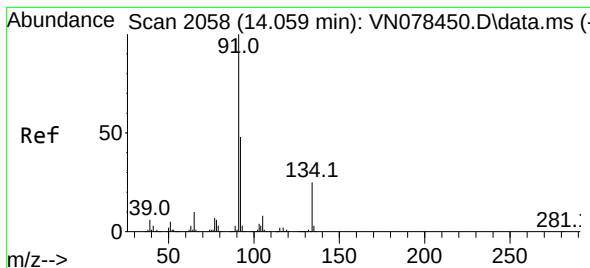


#88
 1,4-Dichlorobenzene
 Concen: 46.331 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078458.D
 Acq: 11 Jul 2023 11:57



Tgt Ion:146 Resp: 526277
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 51.183 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078458.D

Acq: 11 Jul 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 73246

Ion Ratio Lower Upper

91 100

92 49.9 26.4 79.0

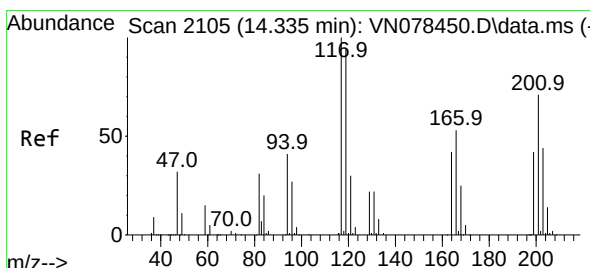
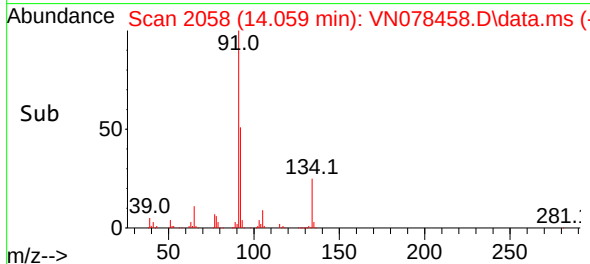
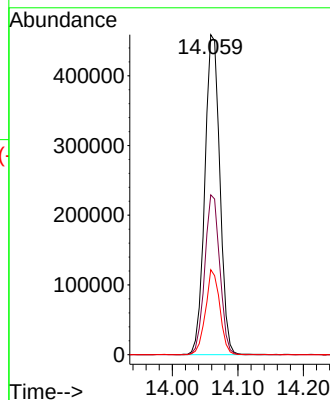
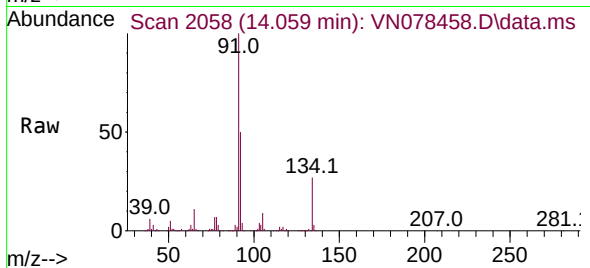
134 25.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2023

Supervised By :Mahesh Dadoda 07/12/2023



#90

Hexachloroethane

Concen: 50.368 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078458.D

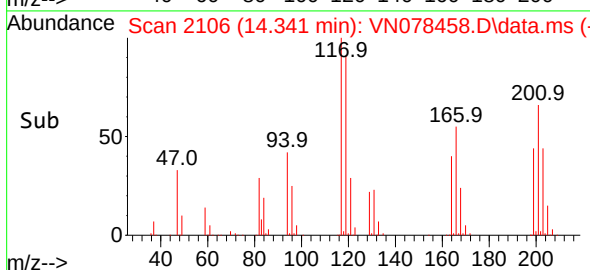
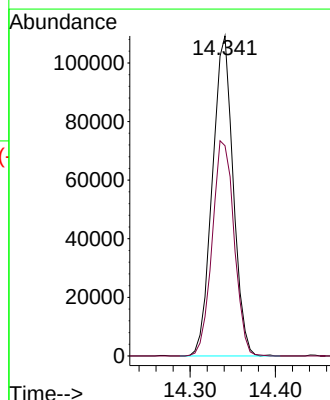
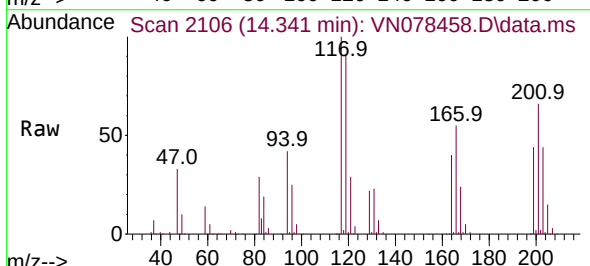
Acq: 11 Jul 2023 11:57

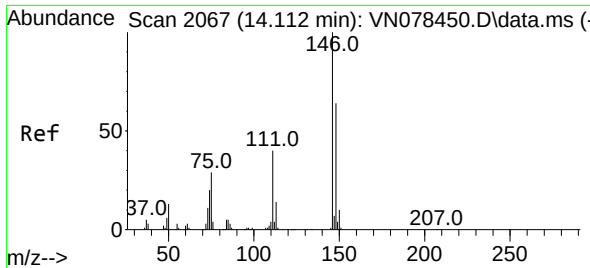
Tgt Ion:117 Resp: 185135

Ion Ratio Lower Upper

117 100

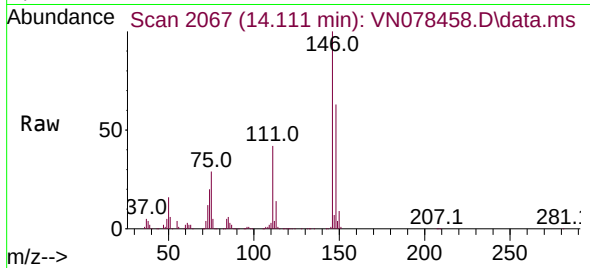
201 70.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.742 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

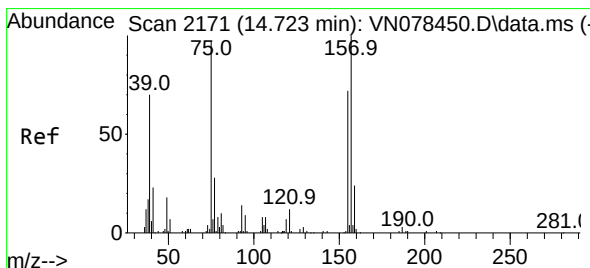
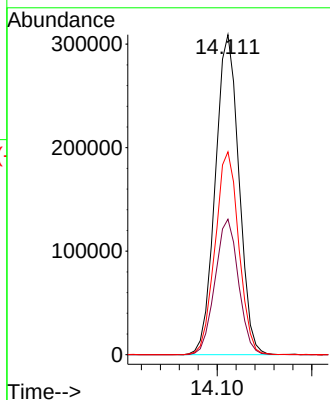
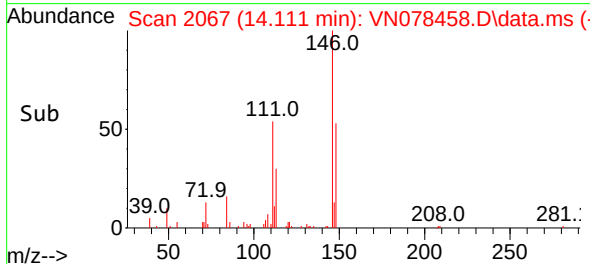
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 53580
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 63.5 31.8 95.3

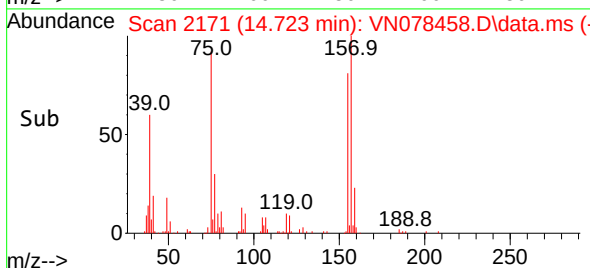
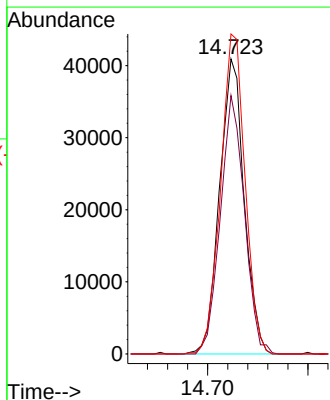
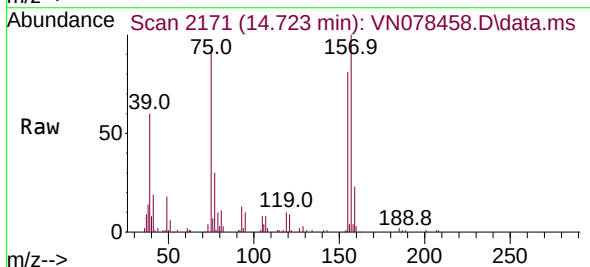
Manual Integrations
APPROVED

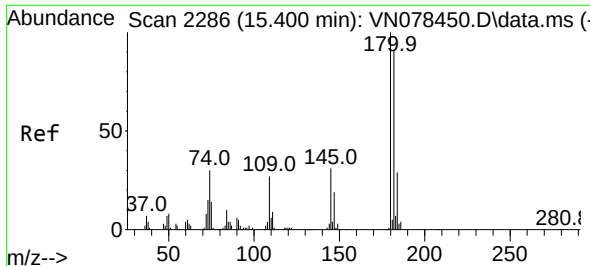
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.397 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

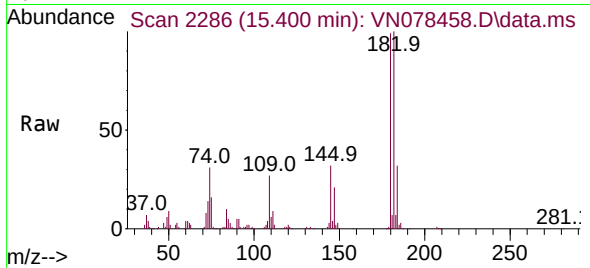
Tgt Ion: 75 Resp: 69501
Ion Ratio Lower Upper
75 100
155 85.6 39.1 117.2
157 107.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.190 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

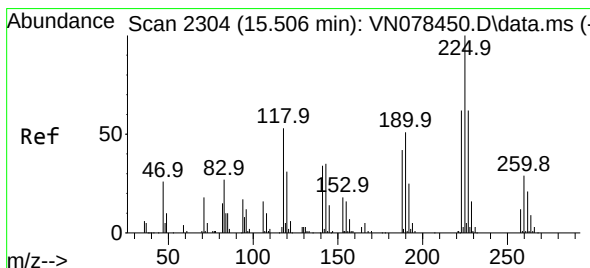
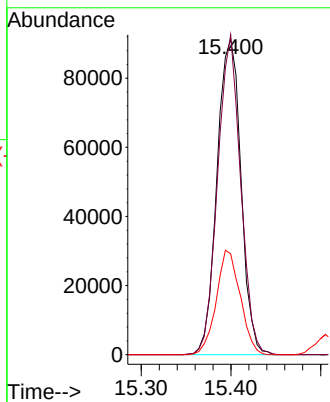
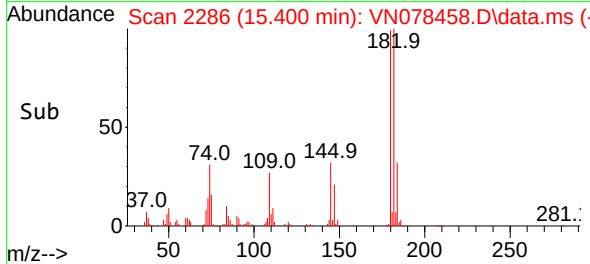
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



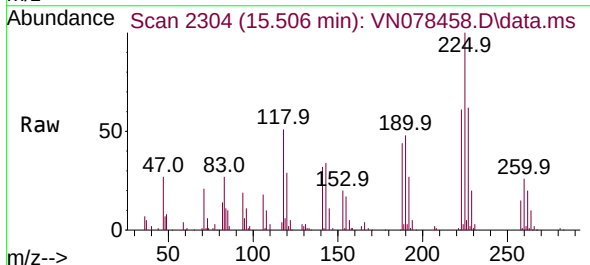
Tgt Ion:180 Resp: 169028
Ion Ratio Lower Upper
180 100
182 97.0 46.1 138.2
145 33.1 16.6 49.8

Manual Integrations
APPROVED

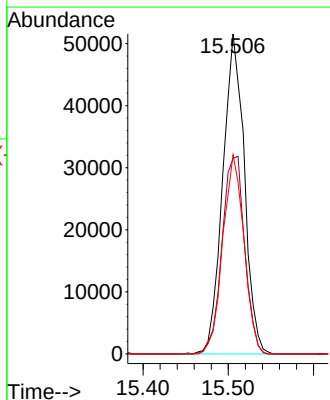
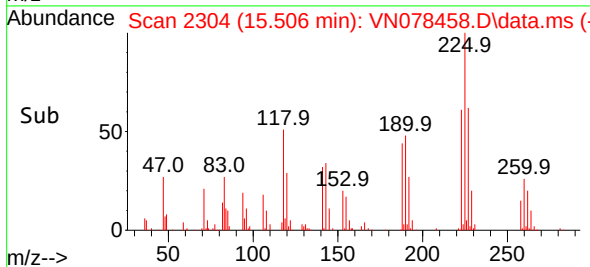
Reviewed By :John Carlone 07/12/2023
Supervised By :Mahesh Dadoda 07/12/2023

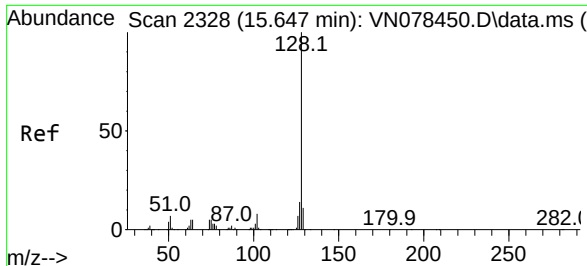


#94
Hexachlorobutadiene
Concen: 48.722 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



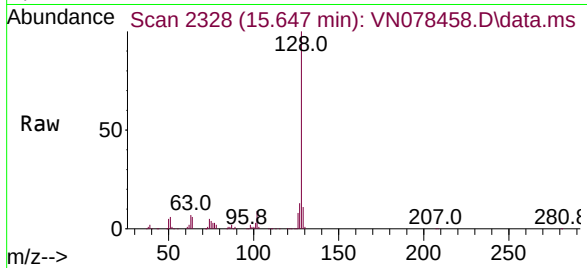
Tgt Ion:225 Resp: 90475
Ion Ratio Lower Upper
225 100
223 64.9 31.3 93.8
227 61.1 31.9 95.9





#95
Naphthalene
Concen: 42.264 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57

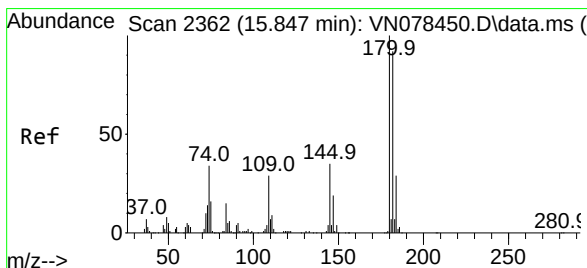
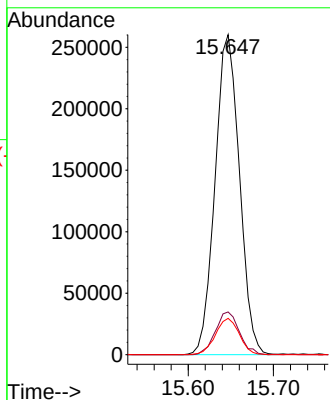
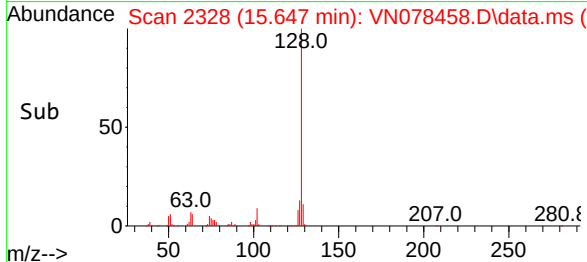
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



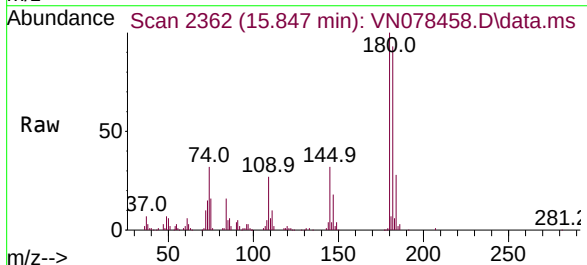
Tgt Ion:128 Resp: 51753
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 44.997 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078458.D
Acq: 11 Jul 2023 11:57



Tgt Ion:180 Resp: 185324
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 34.4 17.5 52.6

