

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076977.D
 Acq On : 14 Mar 2023 12:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	295359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	443934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	397804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	203392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	183311	41.590	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.180%		
35) Dibromofluoromethane	8.172	113	124277	42.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.000%		
50) Toluene-d8	10.572	98	441237	40.465	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	80.940%#		
62) 4-Bromofluorobenzene	12.854	95	181094	45.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	256825	48.275	ug/l	98
3) Chloromethane	2.378	50	97891	34.003	ug/l	98
4) Vinyl Chloride	2.525	62	117059	43.806	ug/l	99
5) Bromomethane	2.949	94	101237	51.505	ug/l	99
6) Chloroethane	3.119	64	76605	45.158	ug/l	96
7) Trichlorofluoromethane	3.507	101	408607	58.931	ug/l	99
8) Diethyl Ether	3.972	74	101867	45.663	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	175072	49.421	ug/l	92
10) Methyl Iodide	4.601	142	203844	54.978	ug/l #	76
11) Tert butyl alcohol	5.531	59	155675	253.900	ug/l	98
12) 1,1-Dichloroethene	4.354	96	158995	48.701	ug/l	90
13) Acrolein	4.190	56	131041	237.773	ug/l	99
14) Allyl chloride	5.037	41	186538	39.828	ug/l	86
15) Acrylonitrile	5.725	53	336585	194.240	ug/l	96
16) Acetone	4.437	43	452483	296.263	ug/l #	86
17) Carbon Disulfide	4.725	76	410128	45.350	ug/l	99
18) Methyl Acetate	5.031	43	209542	37.201	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	621993	53.580	ug/l	95
20) Methylene Chloride	5.290	84	168853	42.997	ug/l	92
21) trans-1,2-Dichloroethene	5.801	96	167664	48.443	ug/l	89
22) Diisopropyl ether	6.684	45	410137	39.582	ug/l	94
23) Vinyl Acetate	6.613	43	1420101	222.556	ug/l	97
24) 1,1-Dichloroethane	6.578	63	303675	45.882	ug/l	97
25) 2-Butanone	7.490	43	461554	212.483	ug/l	93
26) 2,2-Dichloropropane	7.501	77	360062	61.473	ug/l	92
27) cis-1,2-Dichloroethene	7.495	96	198348	49.664	ug/l	88
28) Bromochloromethane	7.819	49	94003	39.263	ug/l	94
29) Tetrahydrofuran	7.842	42	254822	189.264	ug/l	99
30) Chloroform	7.972	83	385202	54.165	ug/l	99
31) Cyclohexane	8.266	56	248735	39.334	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	412769	61.908	ug/l	96
36) 1,1-Dichloropropene	8.378	75	264369	57.774	ug/l	96
37) Ethyl Acetate	7.566	43	171106	46.758	ug/l	96
38) Carbon Tetrachloride	8.366	117	380603	71.067	ug/l	97
39) Methylcyclohexane	9.607	83	312081	56.183	ug/l	91
40) Benzene	8.613	78	699613	51.869	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076977.D
 Acq On : 14 Mar 2023 12:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 04:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	95675	43.937	ug/l #	89
42) 1,2-Dichloroethane	8.678	62	336207	63.904	ug/l	91
43) Isopropyl Acetate	8.695	43	319782	49.503	ug/l	95
44) Trichloroethene	9.354	130	201809	57.894	ug/l	100
45) 1,2-Dichloropropane	9.625	63	152511	45.956	ug/l	92
46) Dibromomethane	9.713	93	133459	57.582	ug/l	92
47) Bromodichloromethane	9.889	83	313342	63.727	ug/l	97
48) Methyl methacrylate	9.684	41	160026	50.559	ug/l	84
49) 1,4-Dioxane	9.695	88	65174	1087.462	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	899362	231.762	ug/l	95
52) Toluene	10.631	92	474944	57.213	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	316879	64.642	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	310512	57.679	ug/l #	86
55) 1,1,2-Trichloroethane	11.019	97	172153	53.300	ug/l	98
56) Ethyl methacrylate	10.878	69	273589	55.846	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	300654	52.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	423199	271.278	ug/l	95
59) 2-Hexanone	11.195	43	706253	249.609	ug/l	90
60) Dibromochloromethane	11.360	129	233129	65.513	ug/l	98
61) 1,2-Dibromoethane	11.472	107	184552	57.009	ug/l	99
64) Tetrachloroethene	11.107	164	219915	68.305	ug/l	98
65) Chlorobenzene	11.895	112	502447	56.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	218725	62.967	ug/l	94
67) Ethyl Benzene	11.966	91	976797	59.699	ug/l	96
68) m/p-Xylenes	12.072	106	723251	117.606	ug/l	82
69) o-Xylene	12.401	106	354083	59.307	ug/l	79
70) Styrene	12.413	104	591966	61.374	ug/l #	89
71) Bromoform	12.577	173	172043	68.343	ug/l #	99
73) Isopropylbenzene	12.695	105	1001940	55.284	ug/l	95
74) N-amyl acetate	12.495	43	271274	45.208	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	214528	40.228	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	240342m	48.740	ug/l	
77) Bromobenzene	12.983	156	226620	55.933	ug/l	99
78) n-propylbenzene	13.036	91	1130584	56.020	ug/l	97
79) 2-Chlorotoluene	13.130	91	704425	53.824	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	904967	58.618	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.736	75	79286	52.521	ug/l #	82
82) 4-Chlorotoluene	13.224	91	701425	56.719	ug/l	92
83) tert-Butylbenzene	13.442	119	783950	59.772	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	898975	58.202	ug/l	91
85) sec-Butylbenzene	13.619	105	1026273	57.085	ug/l	99
86) p-Isopropyltoluene	13.730	119	916435	63.125	ug/l	92
87) 1,3-Dichlorobenzene	13.736	146	429460	58.160	ug/l	97
88) 1,4-Dichlorobenzene	13.819	146	425306	57.417	ug/l	98
89) n-Butylbenzene	14.060	91	749044	61.829	ug/l	99
90) Hexachloroethane	14.336	117	160523	57.543	ug/l	76
91) 1,2-Dichlorobenzene	14.107	146	414202	55.838	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	67720	57.517	ug/l	81
93) 1,2,4-Trichlorobenzene	15.395	180	264736	64.204	ug/l	99
94) Hexachlorobutadiene	15.507	225	157822	71.840	ug/l	98
95) Naphthalene	15.642	128	731909	59.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	251317	62.767	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
Data File : VN076977.D
Acq On : 14 Mar 2023 12:33
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 04:19:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076977.D
 Acq On : 14 Mar 2023 12:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023

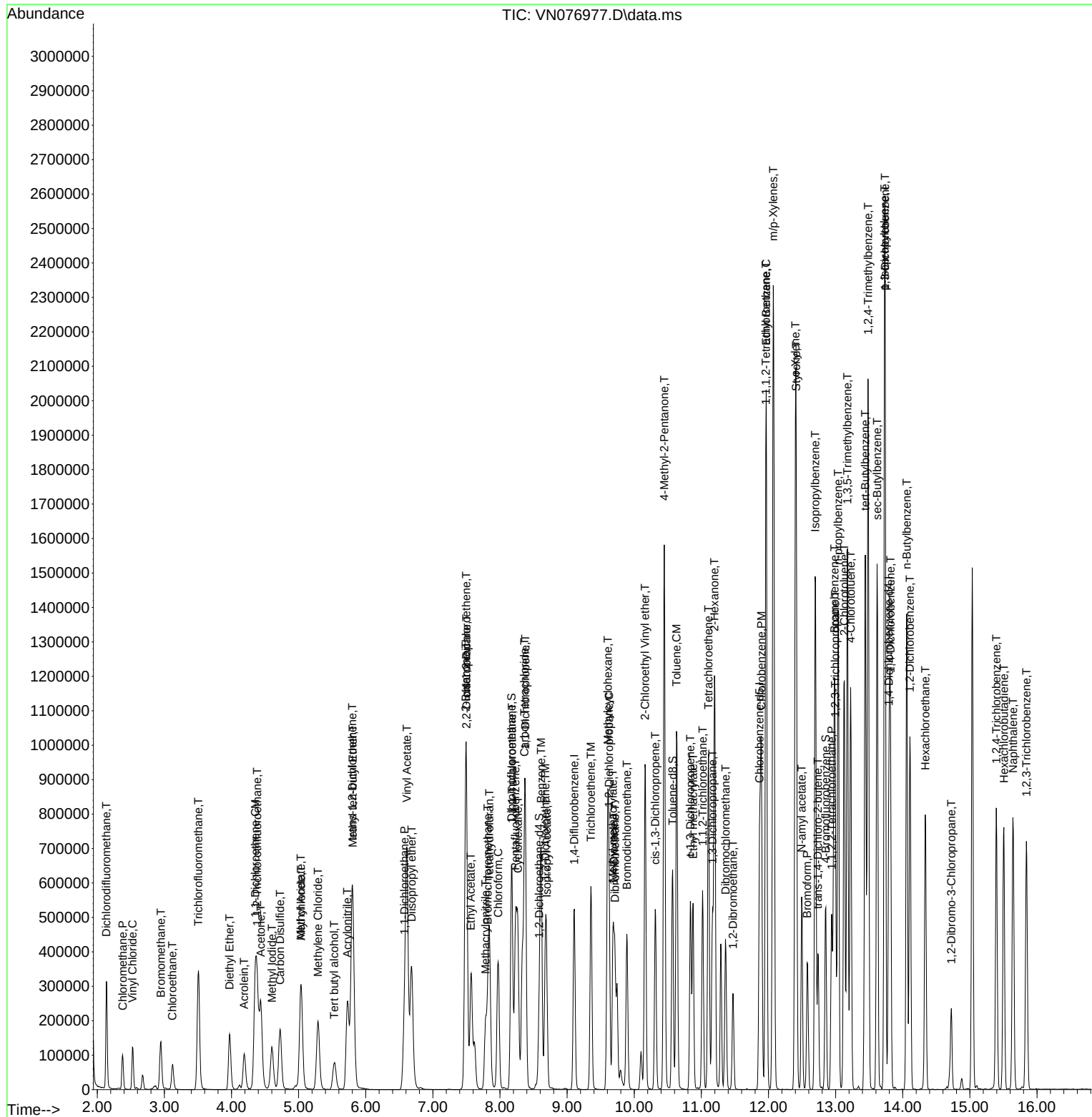
Quant Time: Mar 15 04:19:09 2023

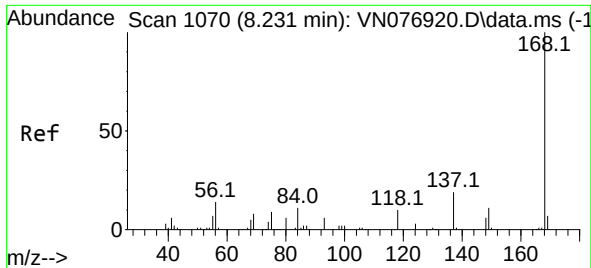
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M

Quant Title : SW846 8260

QLast Update : Fri Mar 10 13:47:39 2023

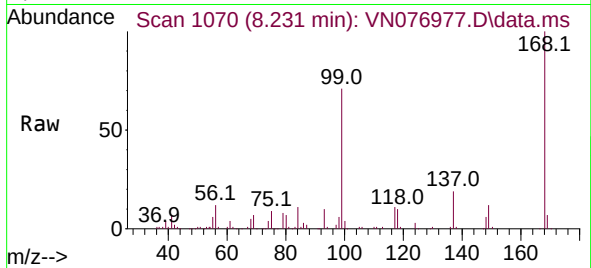
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

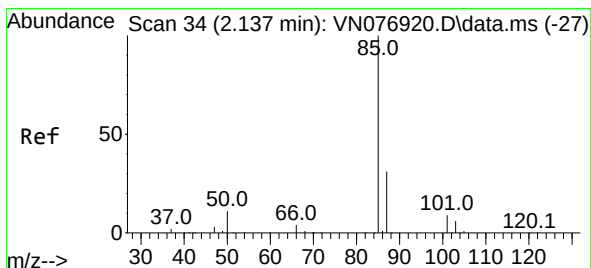
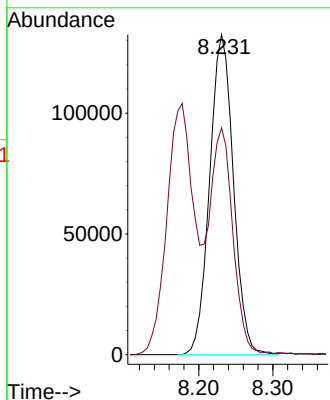
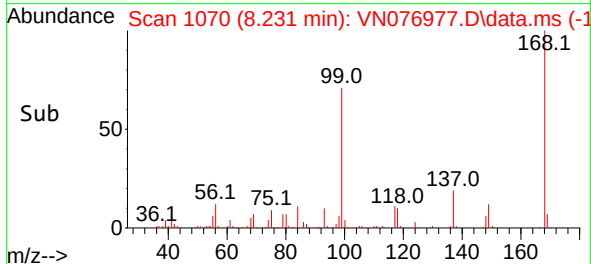
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 295359
Ion Ratio Lower Upper
168 100
99 70.2 48.6 73.0

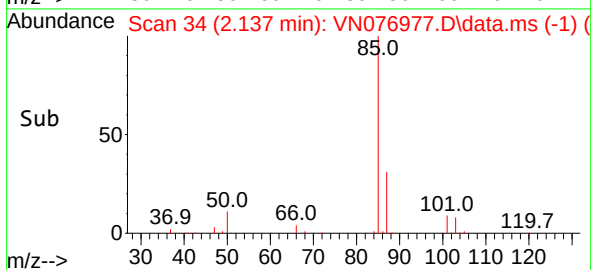
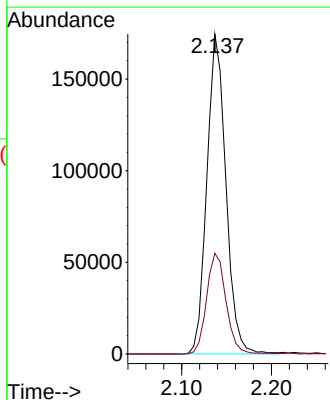
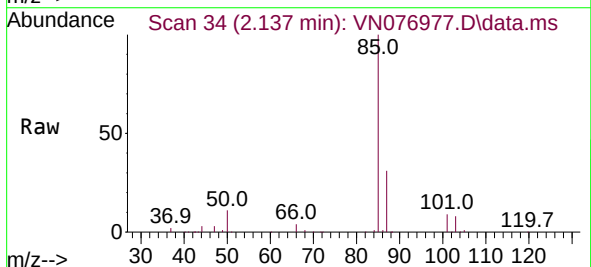
Manual Integrations
APPROVED

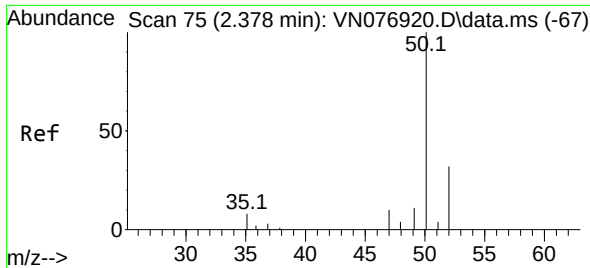
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#2
Dichlorodifluoromethane
Concen: 48.275 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 85 Resp: 256825
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6





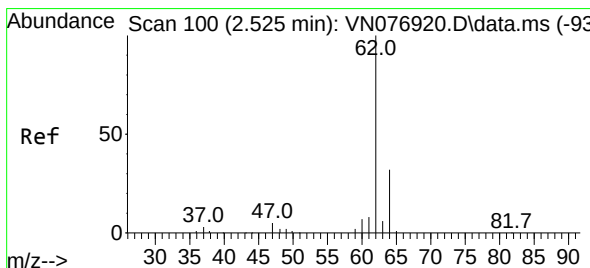
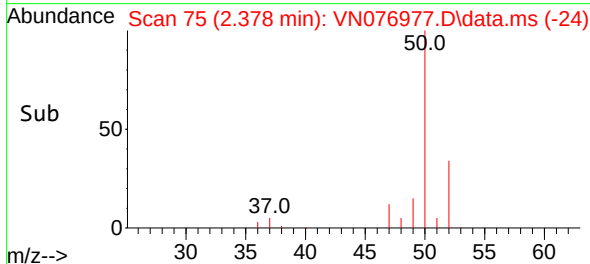
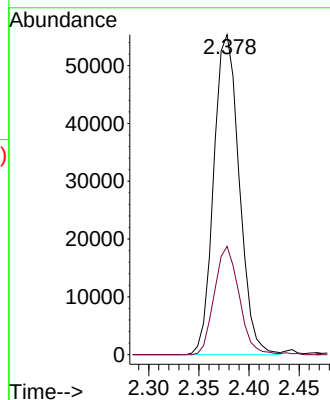
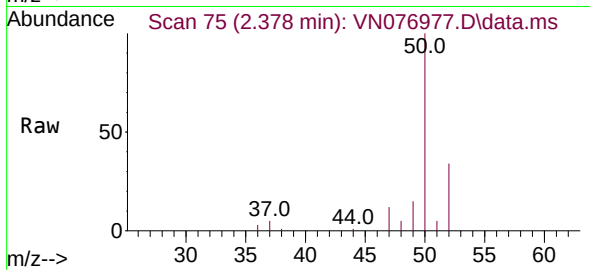
#3
Chloromethane
Concen: 34.003 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9789
Ion Ratio Lower Upper
50 100
52 33.8 27.9 41.9

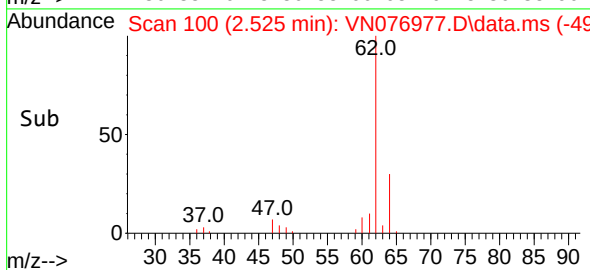
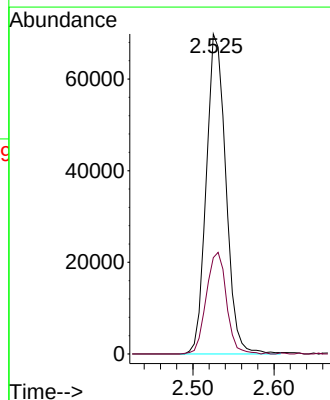
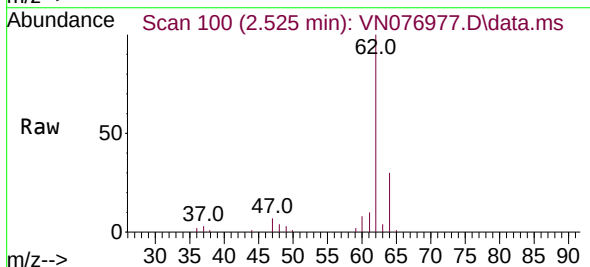
Manual Integrations
APPROVED

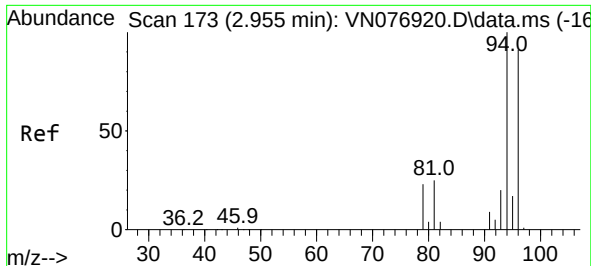
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#4
Vinyl Chloride
Concen: 43.806 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

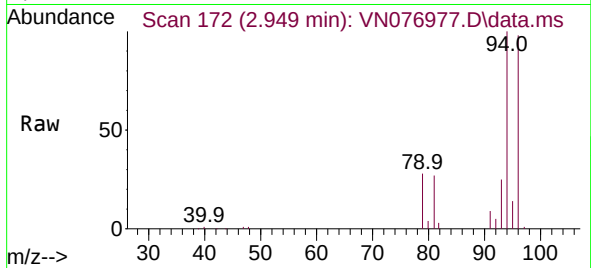
Tgt Ion: 62 Resp: 117059
Ion Ratio Lower Upper
62 100
64 30.1 24.5 36.7





#5
Bromomethane
Concen: 51.505 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

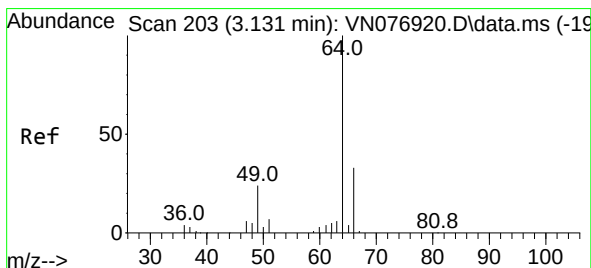
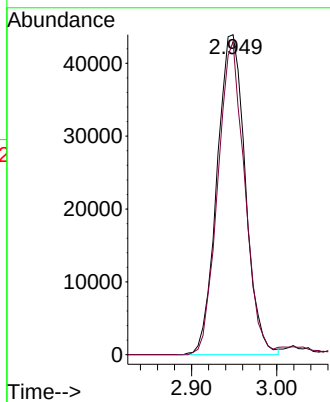
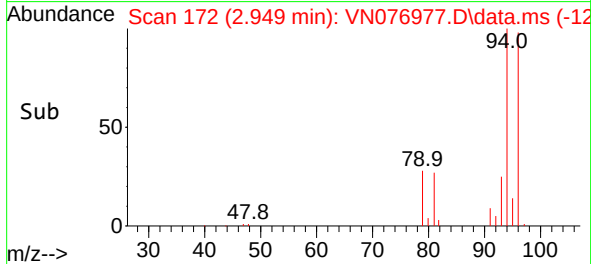
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 10123
Ion Ratio Lower Upper
94 100
96 97.8 79.0 118.6

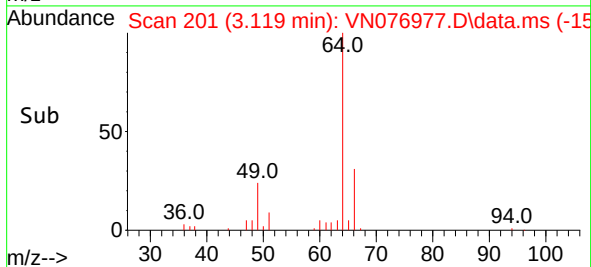
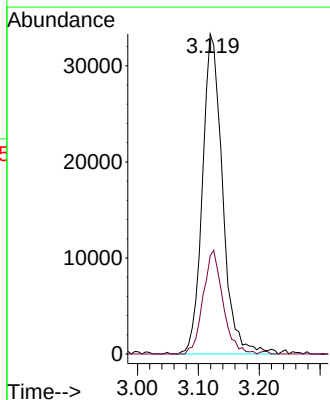
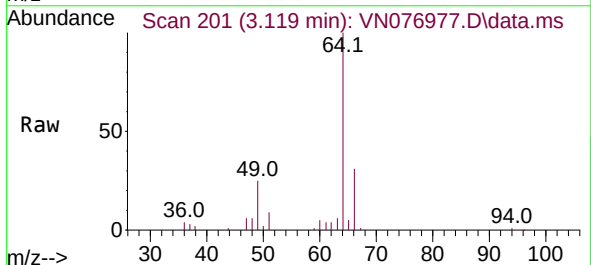
Manual Integrations
APPROVED

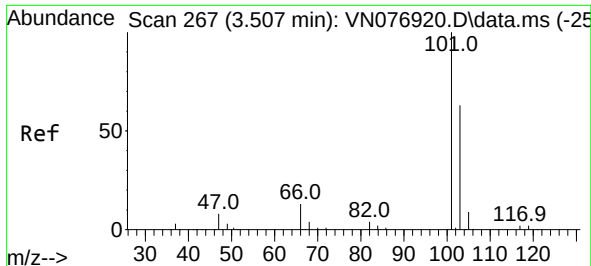
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#6
Chloroethane
Concen: 45.158 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 64 Resp: 76605
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





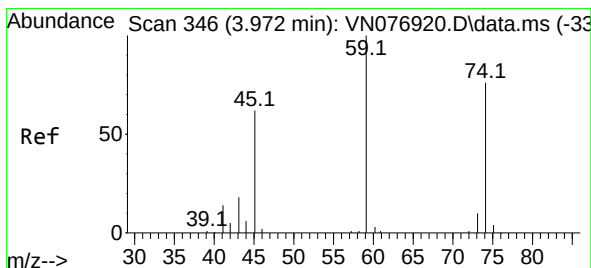
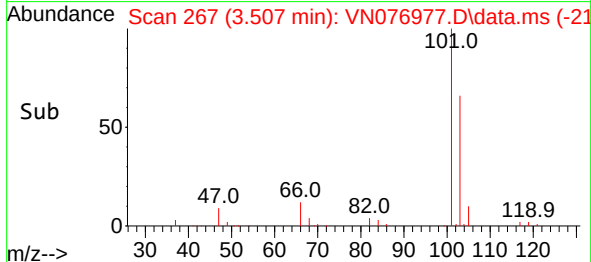
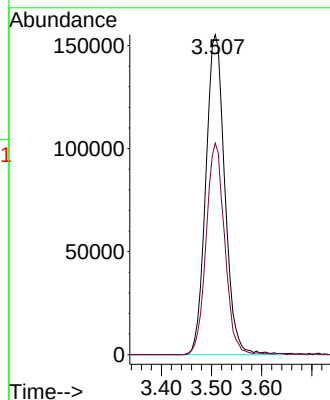
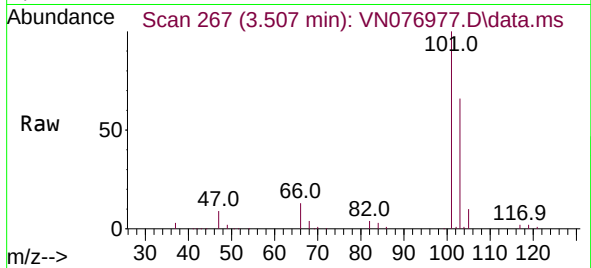
#7
Trichlorofluoromethane
Concen: 58.931 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 40860
Ion Ratio Lower Upper
101 100
103 66.1 53.4 80.0

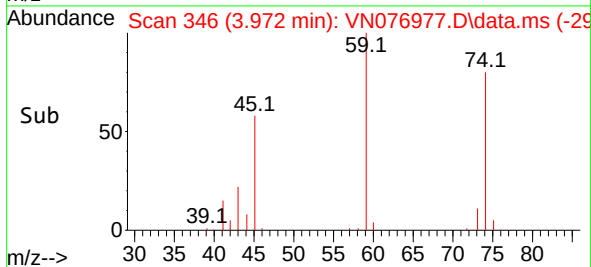
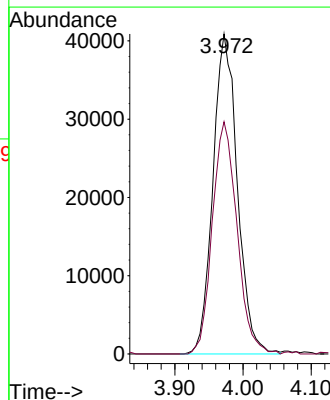
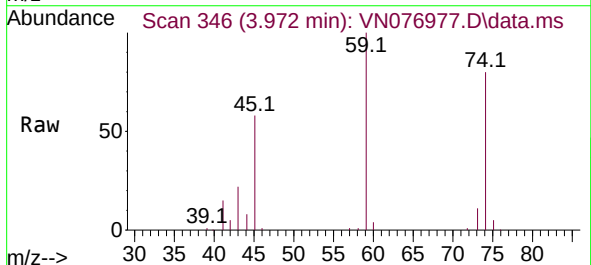
Manual Integrations
APPROVED

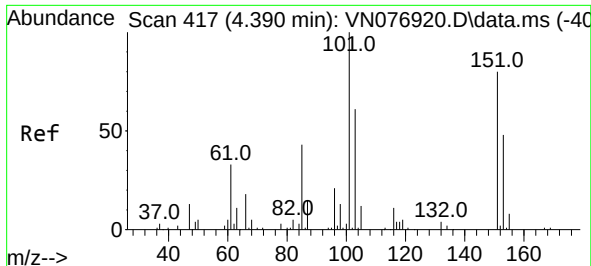
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#8
Diethyl Ether
Concen: 45.663 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 74 Resp: 101867
Ion Ratio Lower Upper
74 100
45 73.5 35.5 106.5





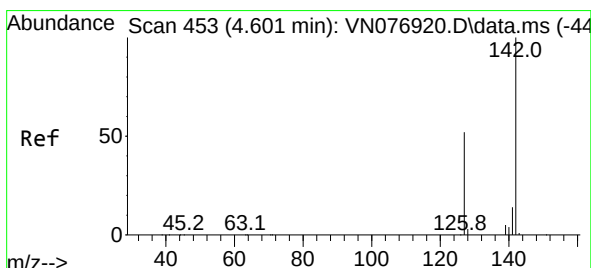
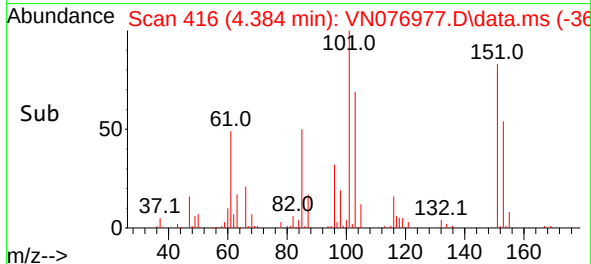
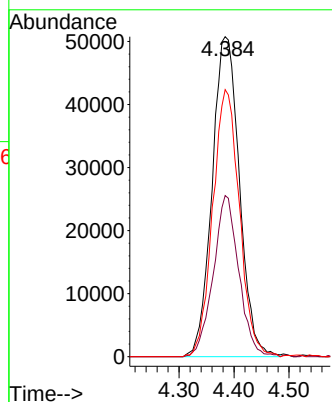
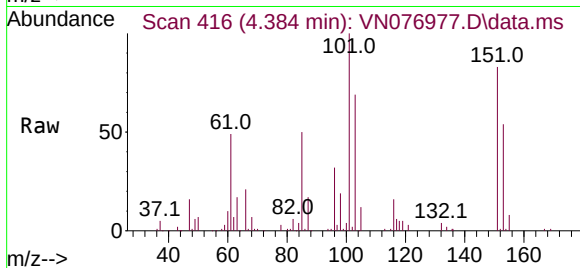
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.421 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 175072
Ion Ratio Lower Upper
101 100
85 47.1 35.2 52.8
151 81.5 58.9 88.3

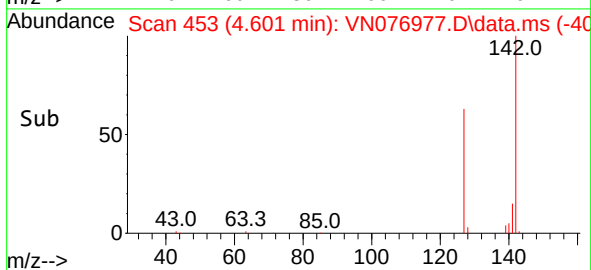
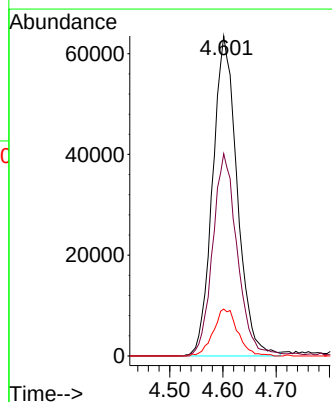
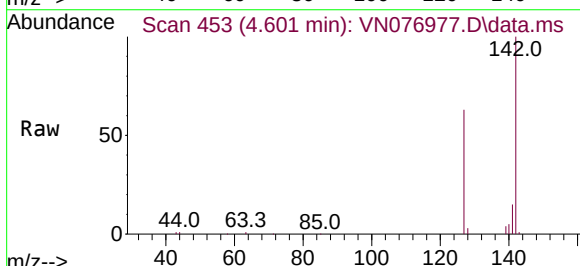
Manual Integrations
APPROVED

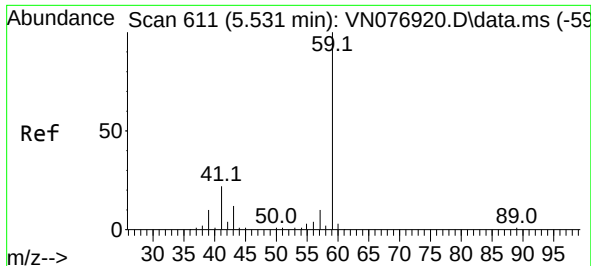
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#10
Methyl Iodide
Concen: 54.978 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

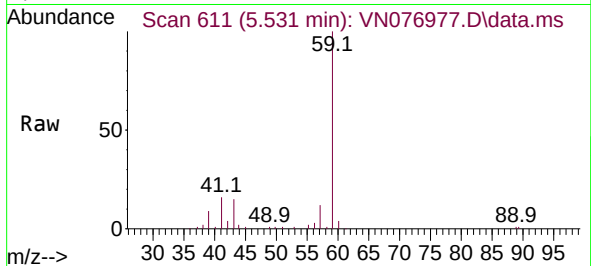
Tgt Ion:142 Resp: 203844
Ion Ratio Lower Upper
142 100
127 63.2 35.2 52.8#
141 14.7 10.2 15.2





#11
Tert butyl alcohol
Concen: 253.900 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

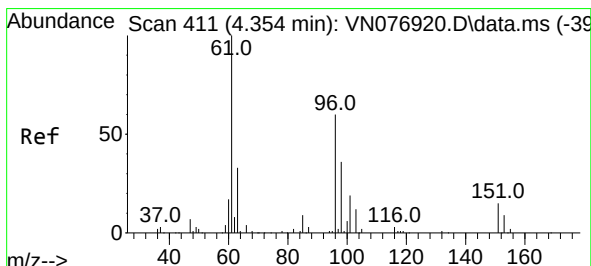
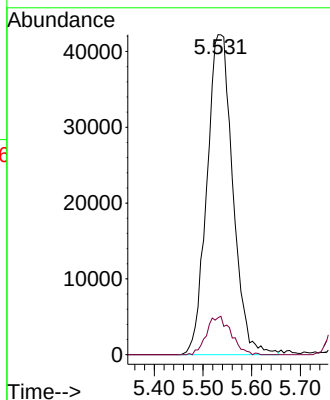
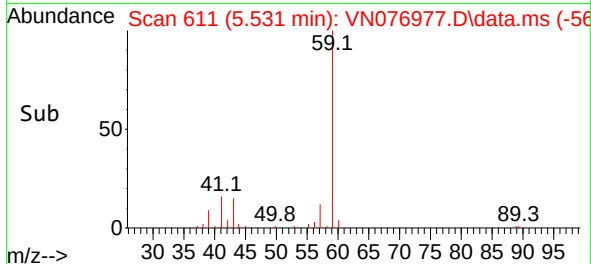
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



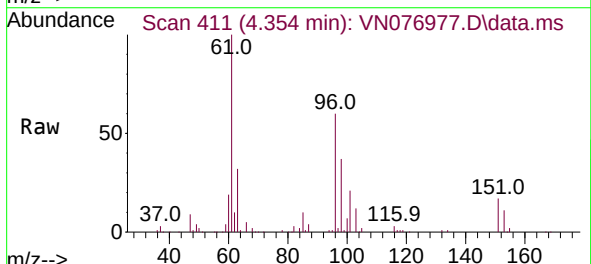
Tgt Ion: 59 Resp: 155679
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
APPROVED

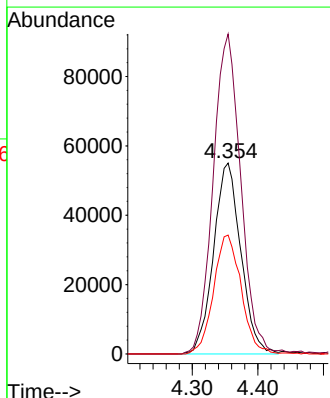
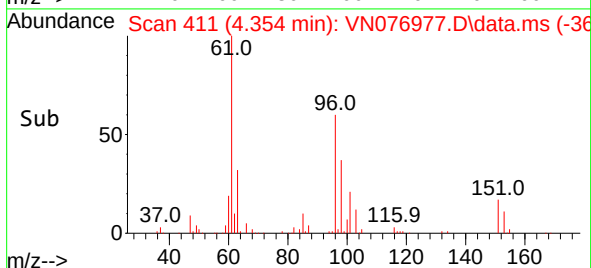
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

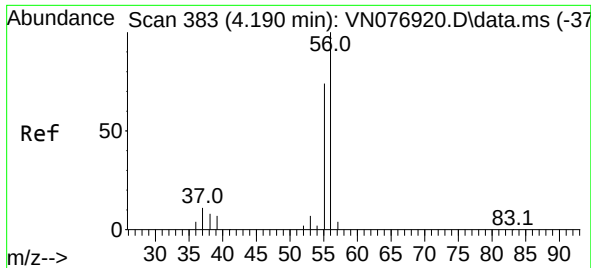


#12
1,1-Dichloroethene
Concen: 48.701 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion: 96 Resp: 158995
Ion Ratio Lower Upper
96 100
61 167.7 121.3 181.9
98 62.3 52.1 78.1





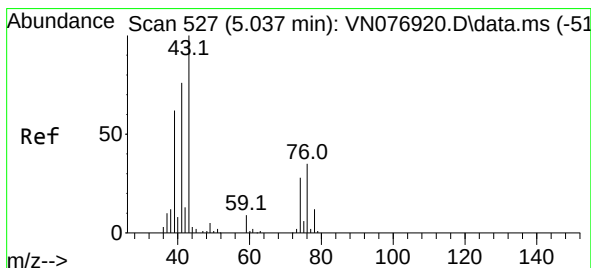
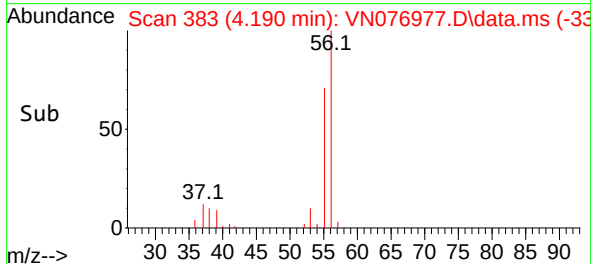
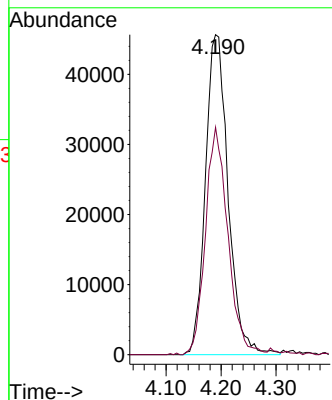
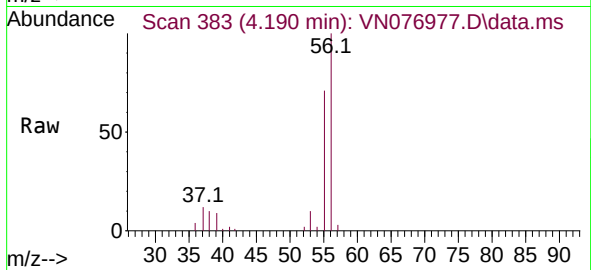
#13
Acrolein
Concen: 237.773 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 13104
Ion Ratio Lower Upper
56 100
55 70.1 56.7 85.1

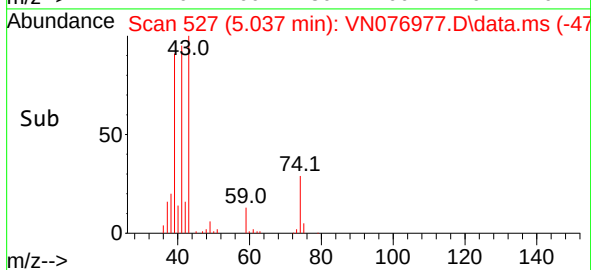
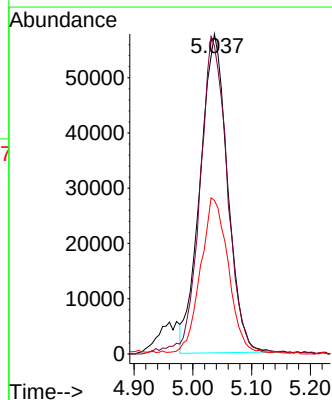
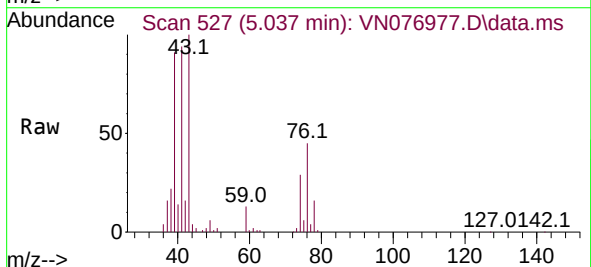
Manual Integrations
APPROVED

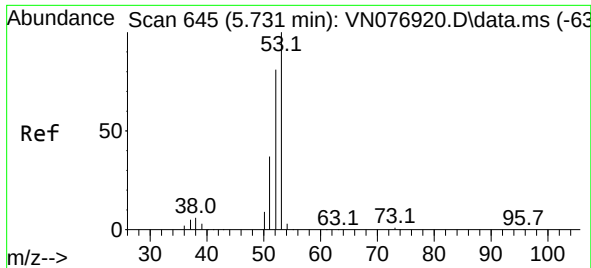
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#14
Allyl chloride
Concen: 39.828 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

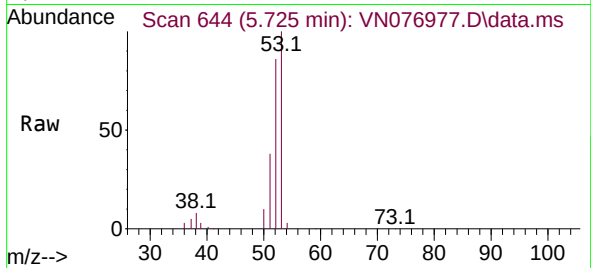
Tgt Ion: 41 Resp: 186538
Ion Ratio Lower Upper
41 100
39 100.7 68.1 102.1
76 48.8 44.1 66.1





#15
Acrylonitrile
Concen: 194.240 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

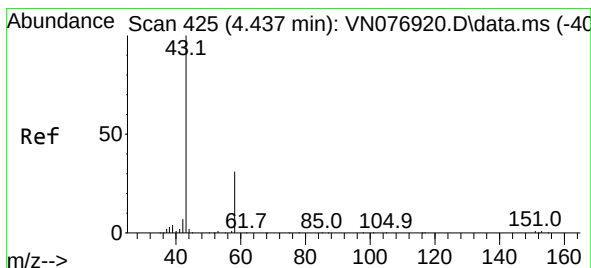
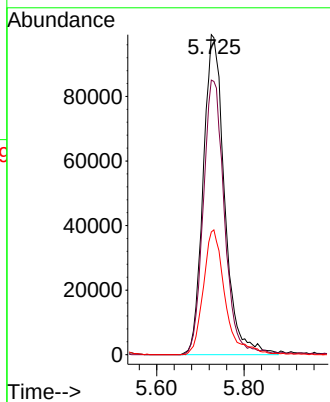
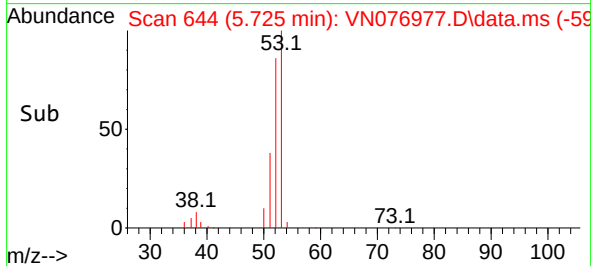
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 336585
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 39.5 28.8 43.2

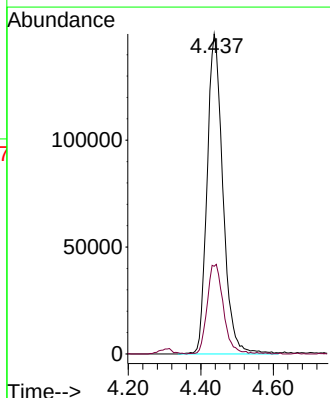
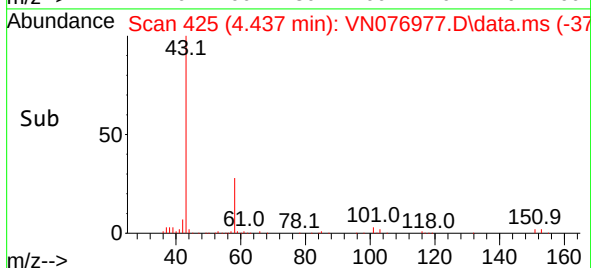
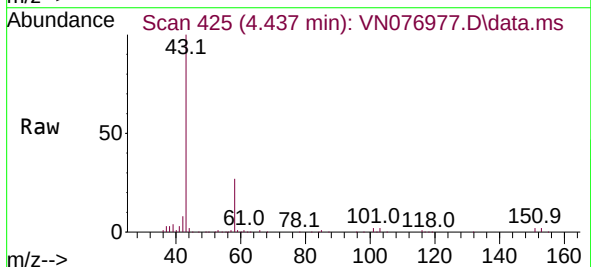
Manual Integrations
APPROVED

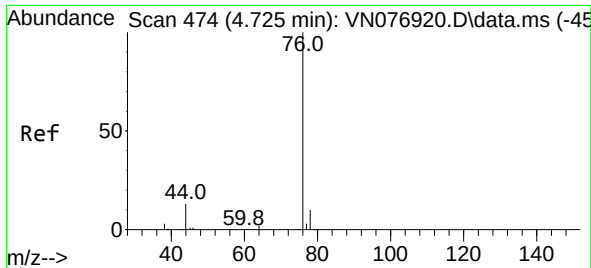
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#16
Acetone
Concen: 296.263 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 43 Resp: 452483
Ion Ratio Lower Upper
43 100
58 27.3 28.2 42.2#





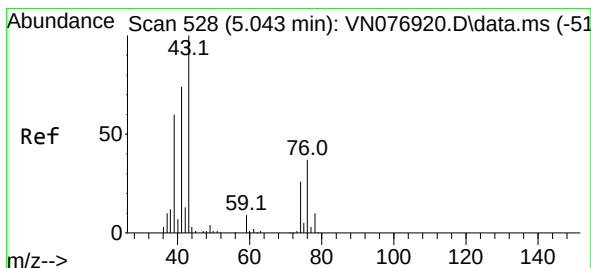
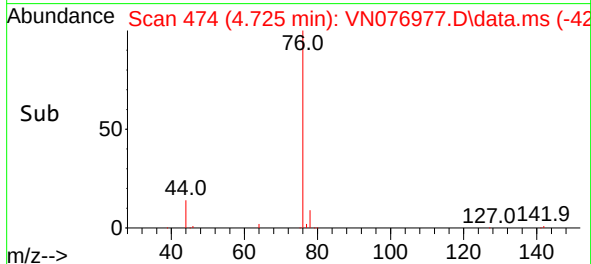
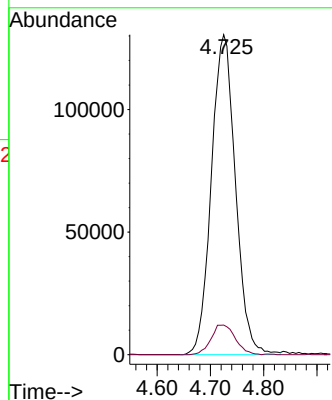
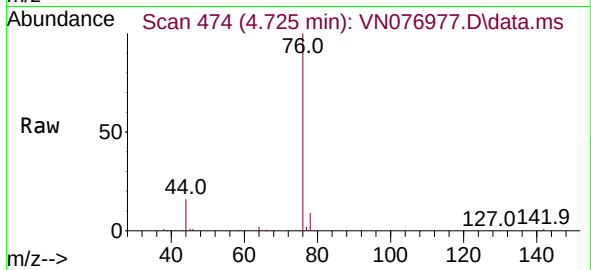
#17
Carbon Disulfide
Concen: 45.350 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 410128
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

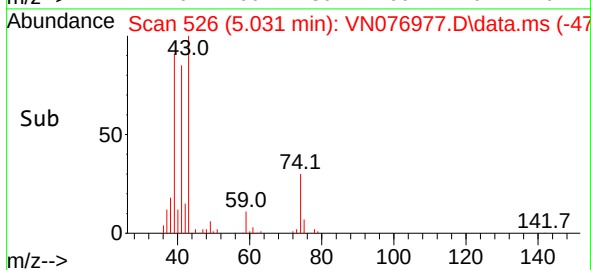
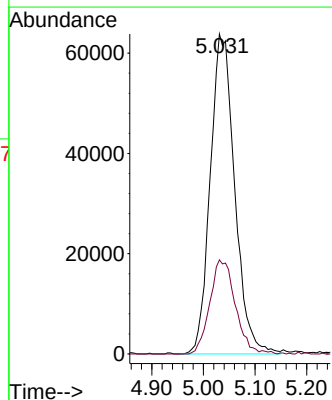
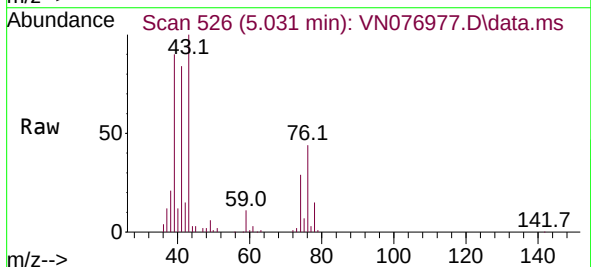
Manual Integrations
APPROVED

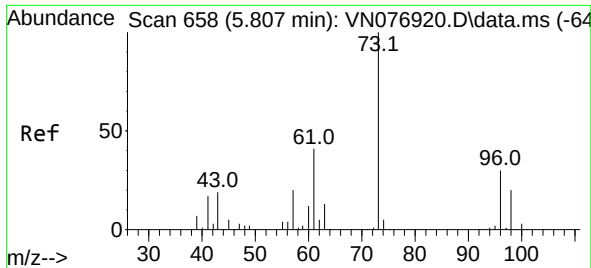
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#18
Methyl Acetate
Concen: 37.201 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

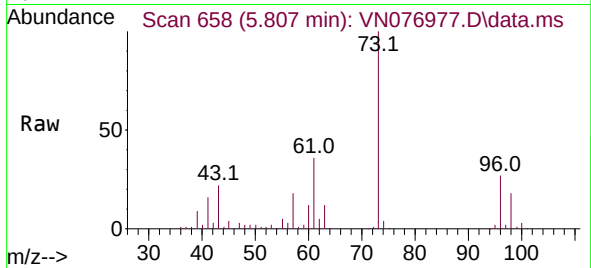
Tgt Ion: 43 Resp: 209542
Ion Ratio Lower Upper
43 100
74 30.7 25.9 38.9





#19
Methyl tert-butyl Ether
Concen: 53.580 ug/l
RT: 5.807 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

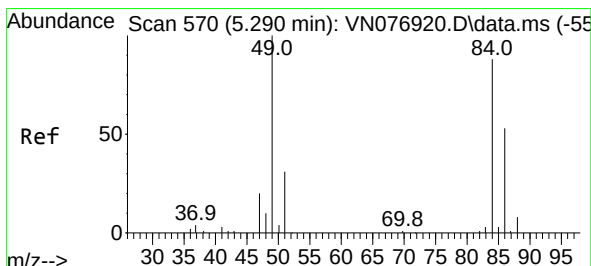
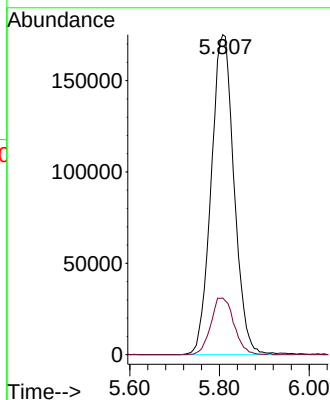
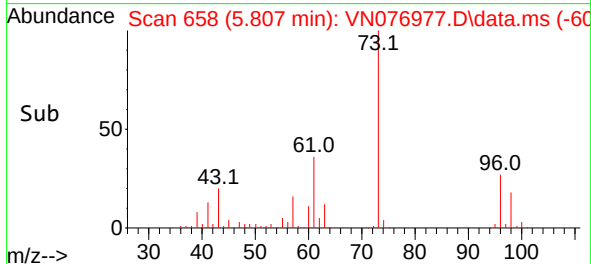
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



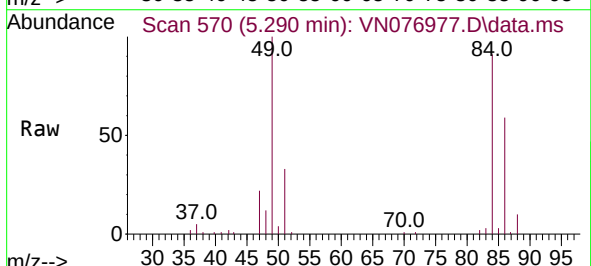
Tgt Ion: 73 Resp: 62199
Ion Ratio Lower Upper
73 100
57 17.7 16.1 24.1

Manual Integrations
APPROVED

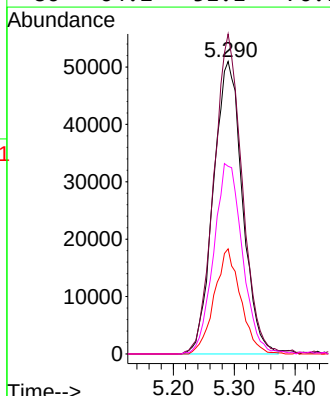
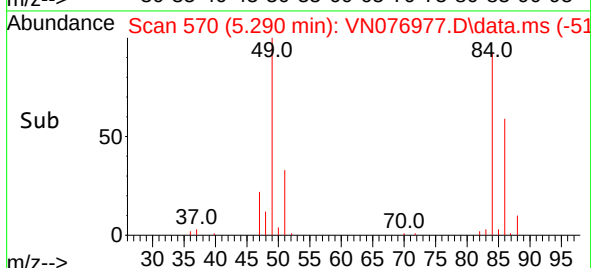
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

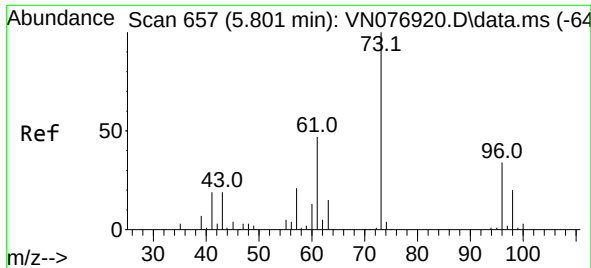


#20
Methylene Chloride
Concen: 42.997 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion: 84 Resp: 168853
Ion Ratio Lower Upper
84 100
49 109.4 76.6 114.8
51 36.0 25.4 38.2
86 64.2 51.1 76.7





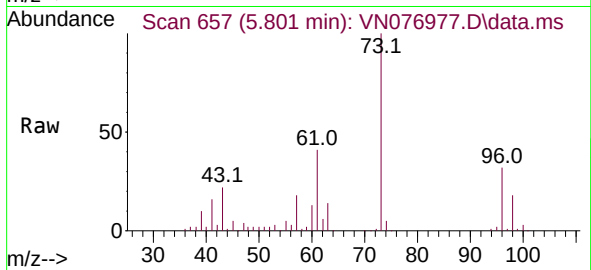
#21
trans-1,2-Dichloroethene
Concen: 48.443 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



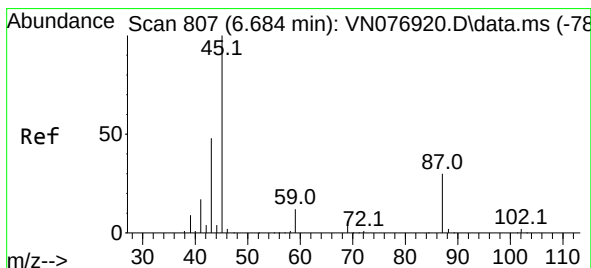
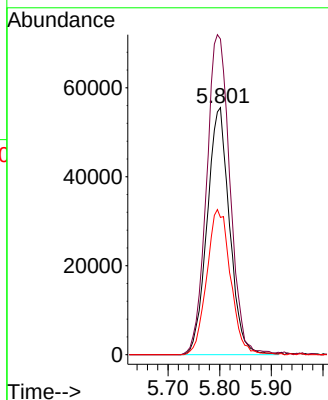
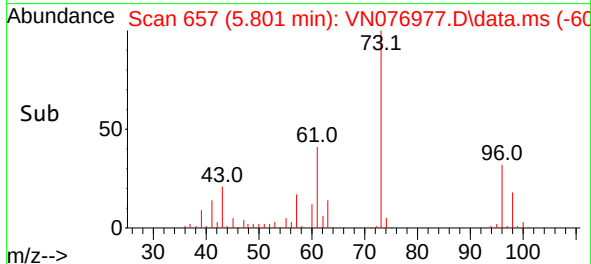
Tgt Ion: 96 Resp: 167664
Ion Ratio Lower Upper
96 100
61 127.7 95.0 142.6
98 55.6 54.5 81.7

Manual Integrations

APPROVED

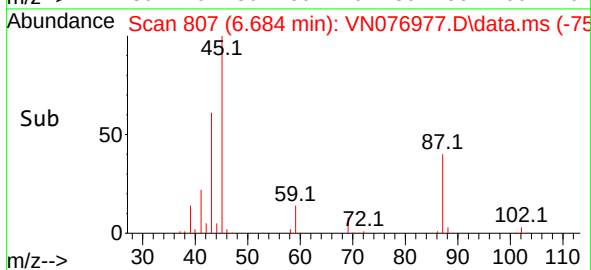
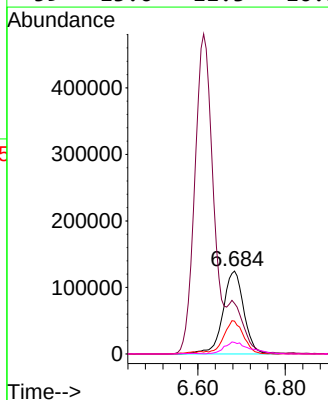
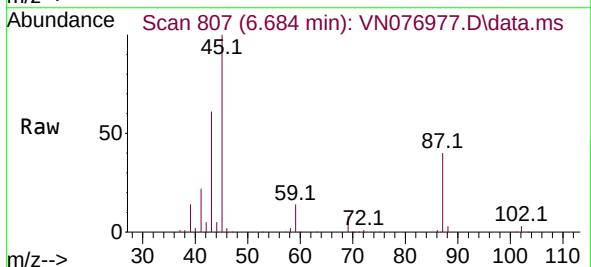
Reviewed By :John Carlone 03/15/2023

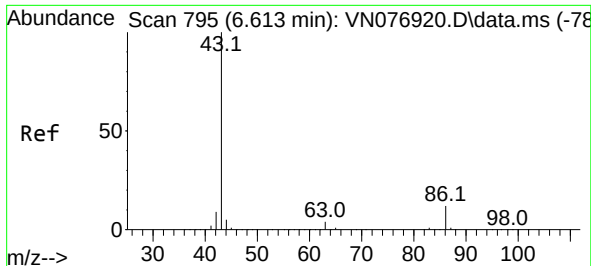
Supervised By :Mahesh Dadoda 03/15/2023



#22
Diisopropyl ether
Concen: 39.582 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 45 Resp: 410137
Ion Ratio Lower Upper
45 100
43 59.6 42.6 63.8
87 39.6 29.7 44.5
59 13.6 11.3 16.9





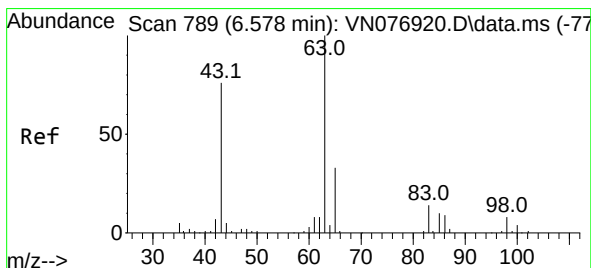
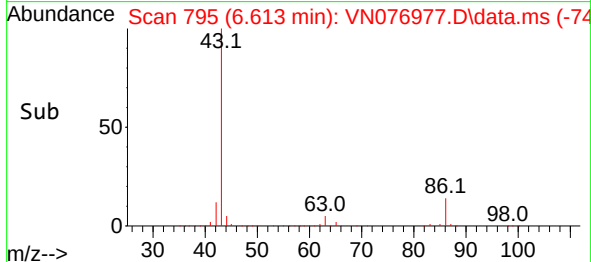
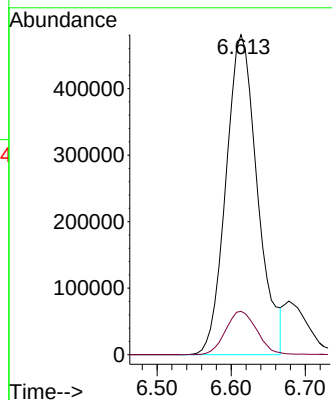
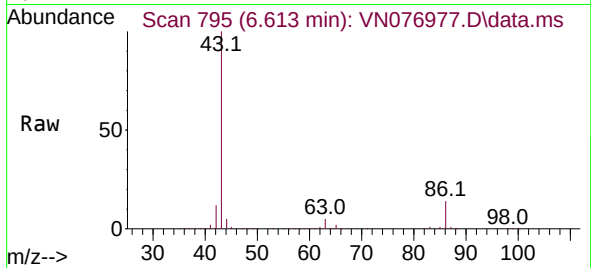
#23
 Vinyl Acetate
 Concen: 222.556 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 142010
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.8 17.6

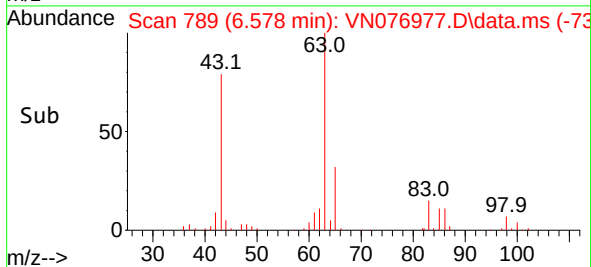
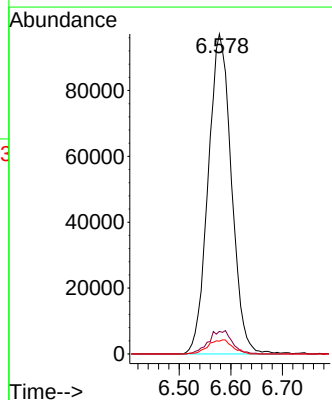
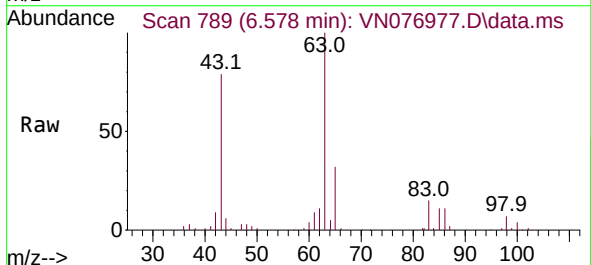
Manual Integrations
 APPROVED

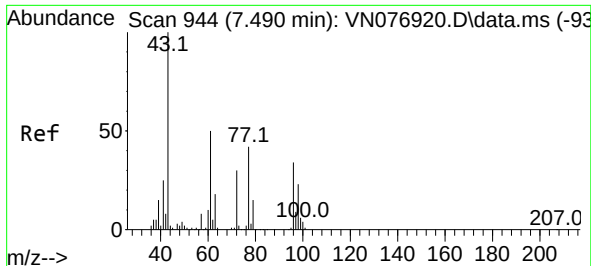
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023



#24
 1,1-Dichloroethane
 Concen: 45.882 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33

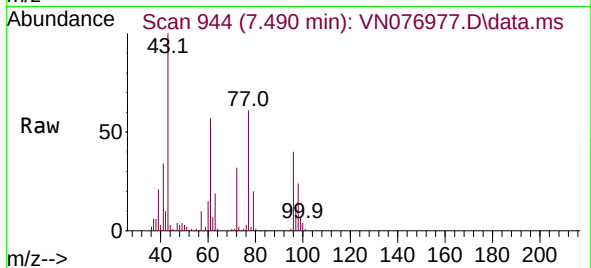
Tgt Ion: 63 Resp: 303675
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.6
 100 4.0 2.2 6.6





#25
2-Butanone
Concen: 212.483 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

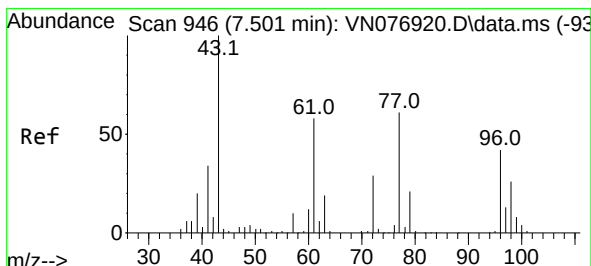
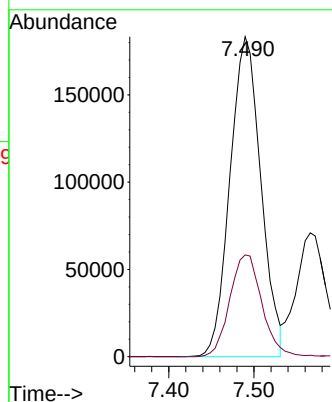
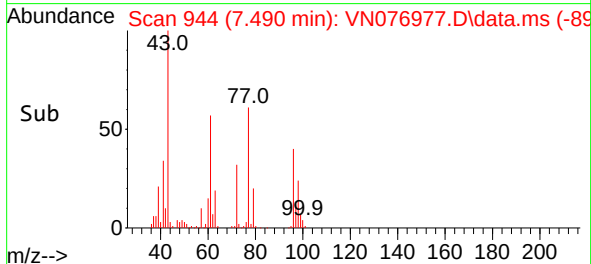
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 461554
Ion Ratio Lower Upper
43 100
72 31.8 28.8 43.2

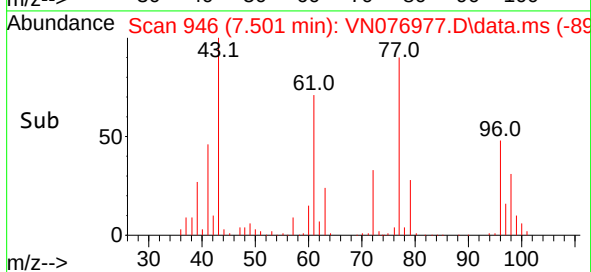
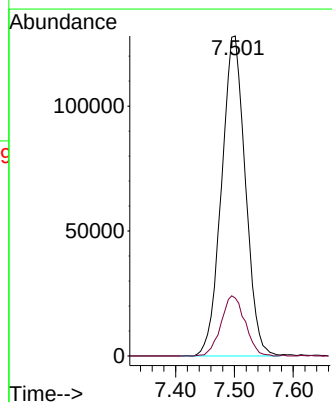
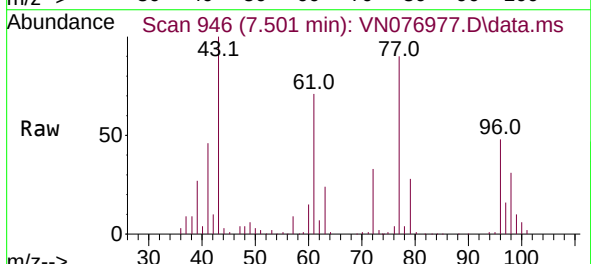
Manual Integrations
APPROVED

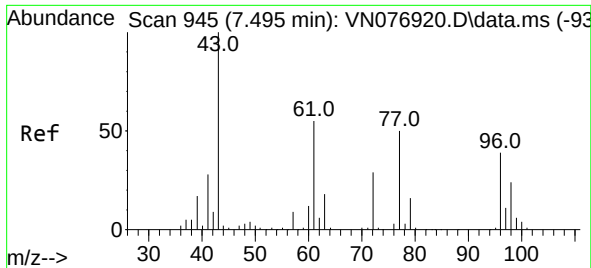
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#26
2,2-Dichloropropane
Concen: 61.473 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

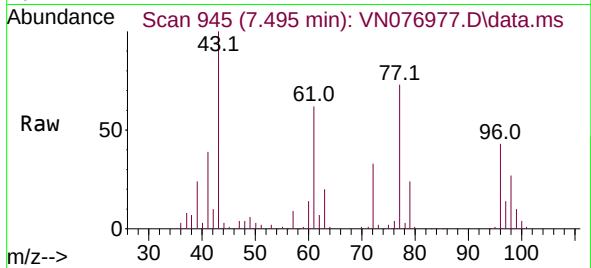
Tgt Ion: 77 Resp: 360062
Ion Ratio Lower Upper
77 100
97 19.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.664 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33

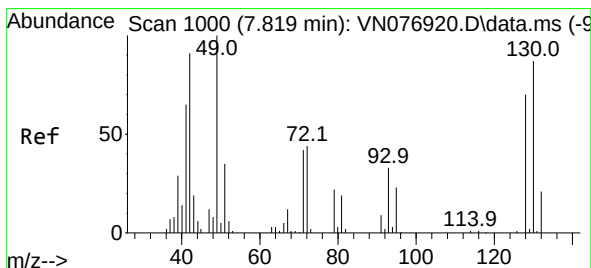
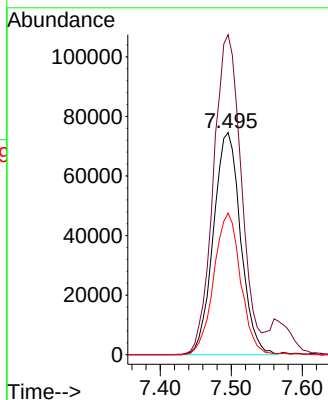
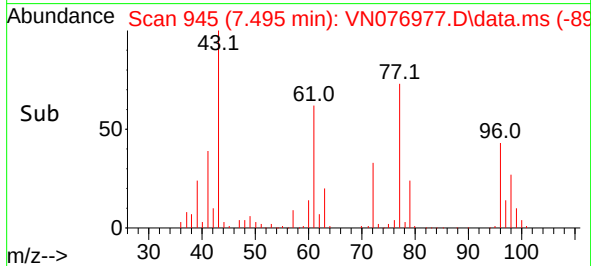
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



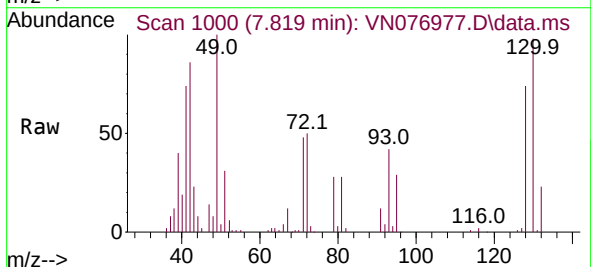
Tgt Ion: 96 Resp: 198348
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 255.6
 98 63.1 0.0 127.4

Manual Integrations
 APPROVED

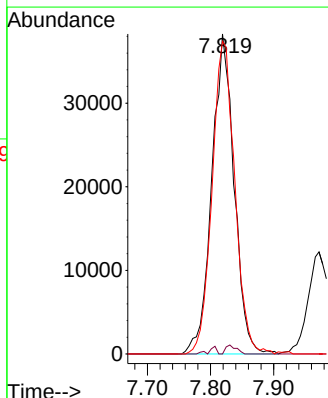
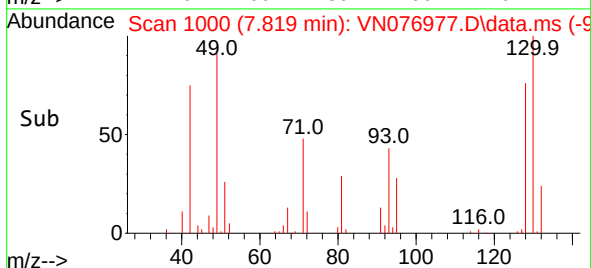
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

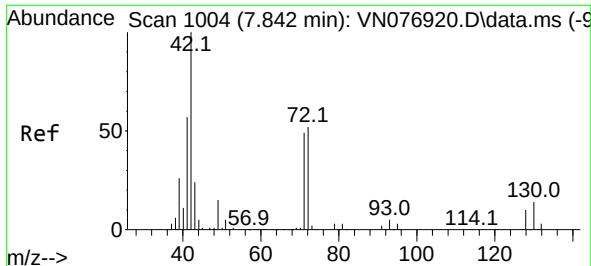


#28
 Bromochloromethane
 Concen: 39.263 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33



Tgt Ion: 49 Resp: 94003
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 99.3 74.8 112.2





#29

Tetrahydrofuran

Concen: 189.264 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076977.D

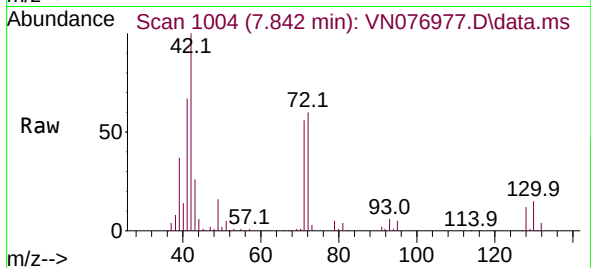
Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 25482

Ion Ratio Lower Upper

42 100

72 59.4 48.6 73.0

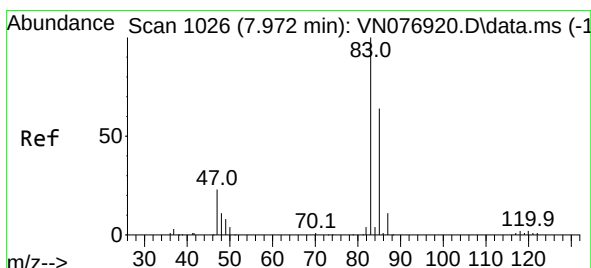
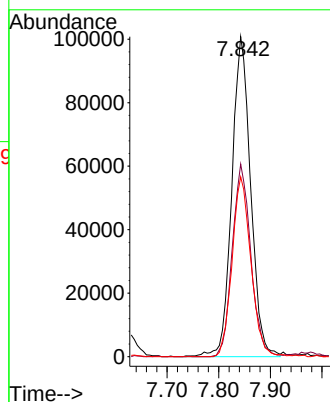
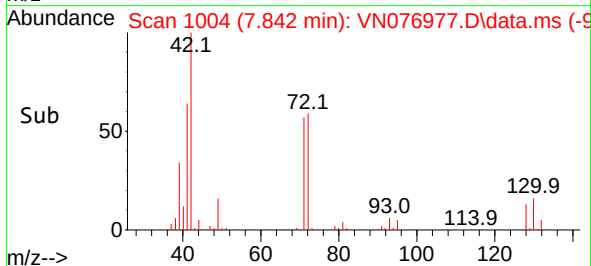
71 56.2 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#30

Chloroform

Concen: 54.165 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076977.D

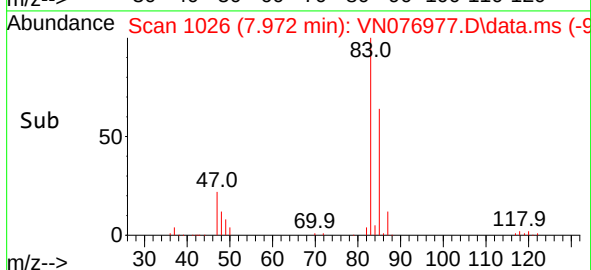
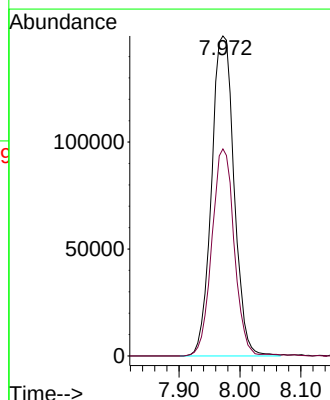
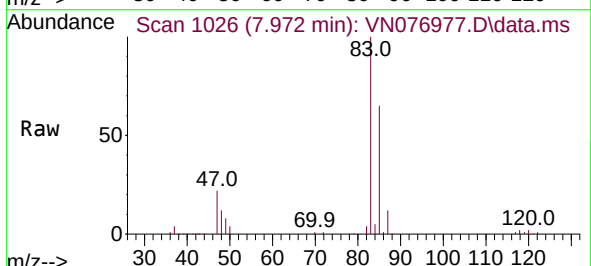
Acq: 14 Mar 2023 12:33

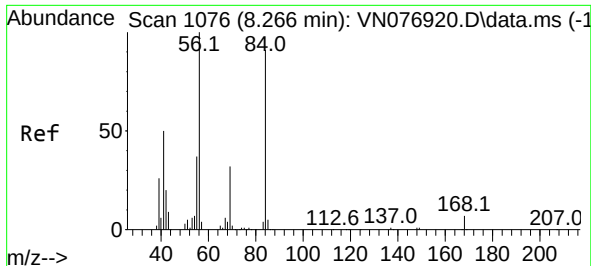
Tgt Ion: 83 Resp: 385202

Ion Ratio Lower Upper

83 100

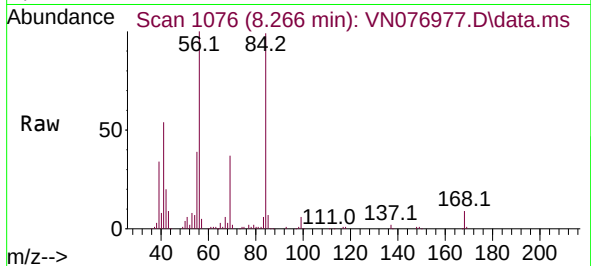
85 64.7 51.3 76.9





#31
Cyclohexane
Concen: 39.334 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

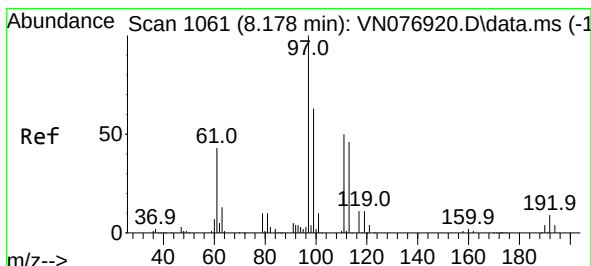
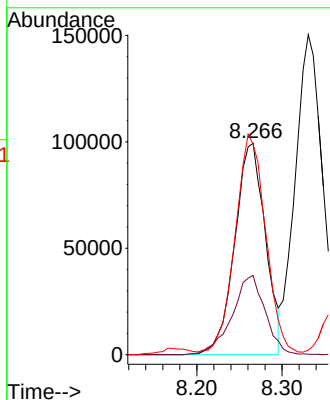
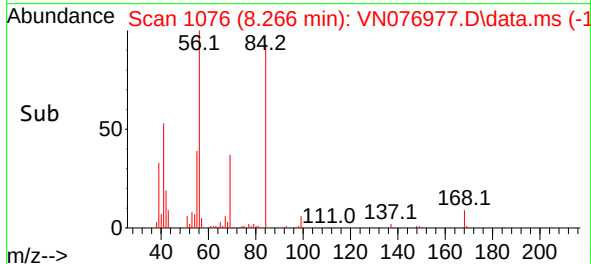
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



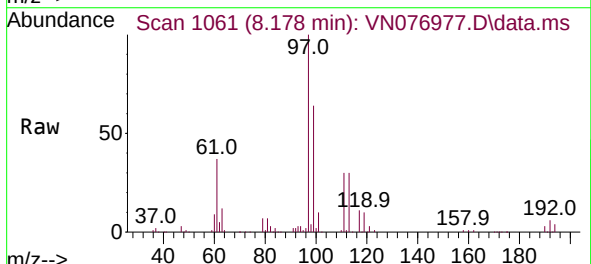
Tgt Ion: 56 Resp: 248735
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 96.8 82.9 124.3

Manual Integrations
APPROVED

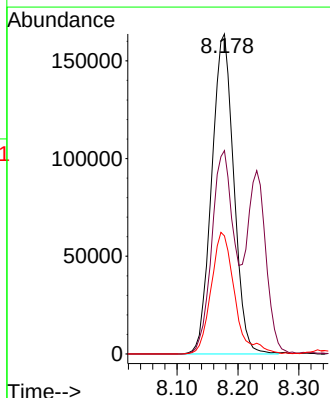
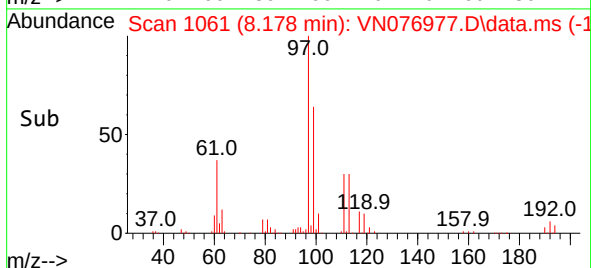
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

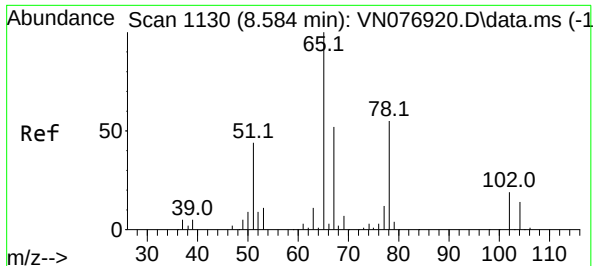


#32
1,1,1-Trichloroethane
Concen: 61.908 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion: 97 Resp: 412769
Ion Ratio Lower Upper
97 100
99 62.4 51.2 76.8
61 40.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 41.590 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDECC050

Tgt Ion: 65 Resp: 18331

Ion Ratio Lower Upper

65 100

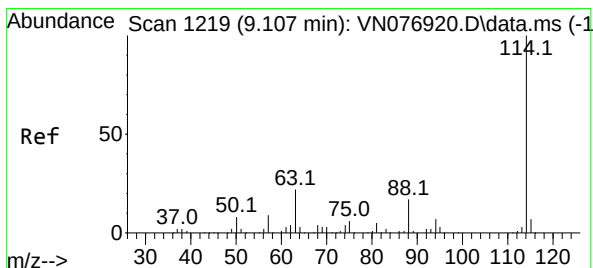
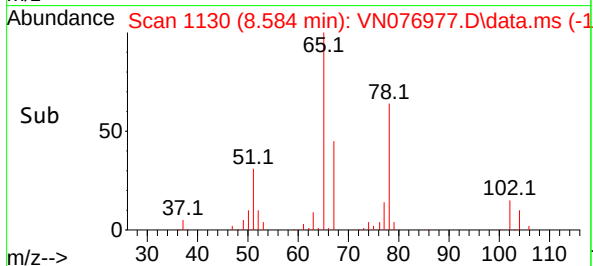
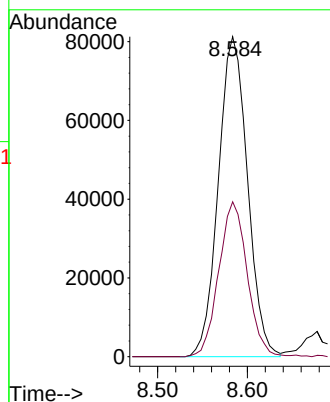
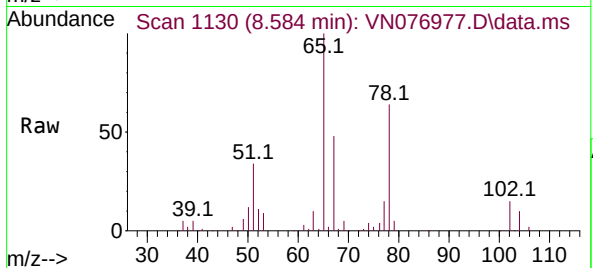
67 47.4 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

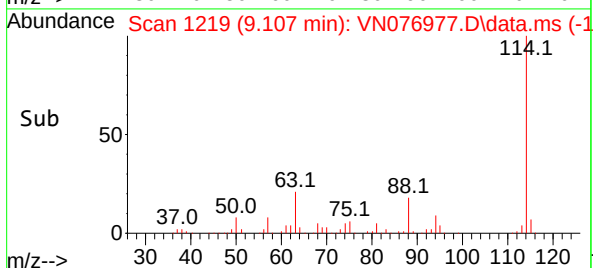
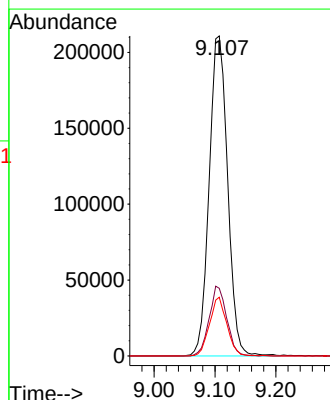
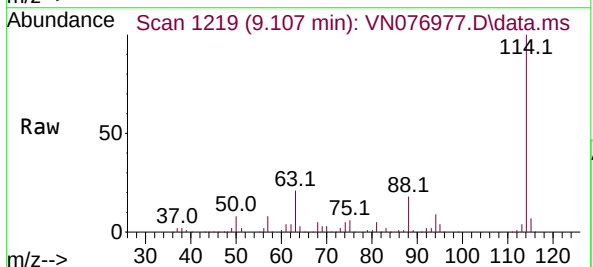
Tgt Ion:114 Resp: 443934

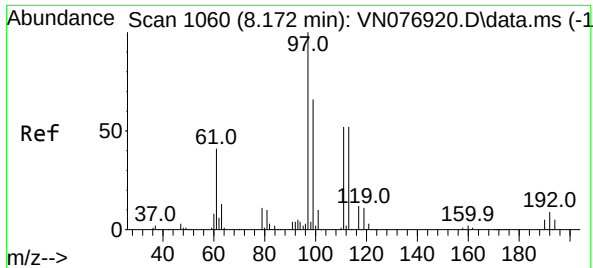
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

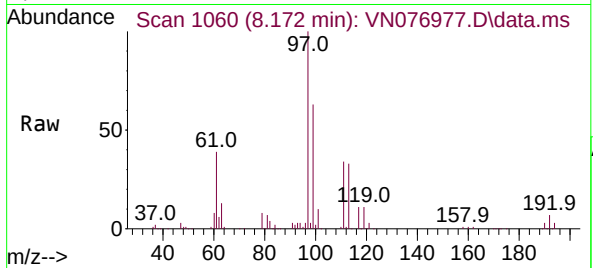
88 18.3 0.0 28.6





#35
Dibromofluoromethane
Concen: 42.004 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

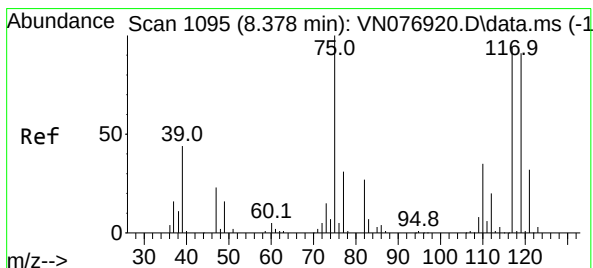
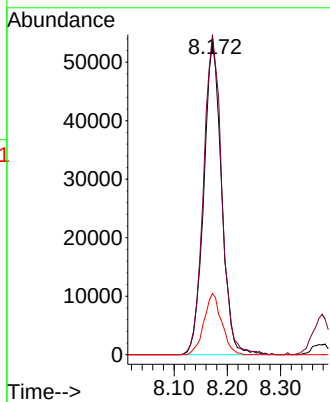
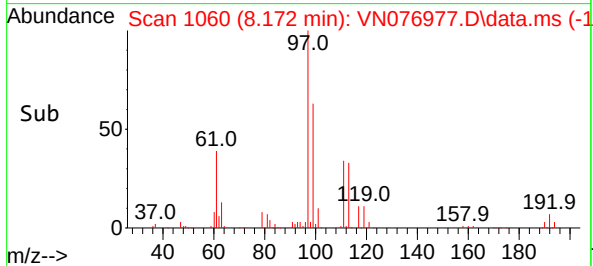
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



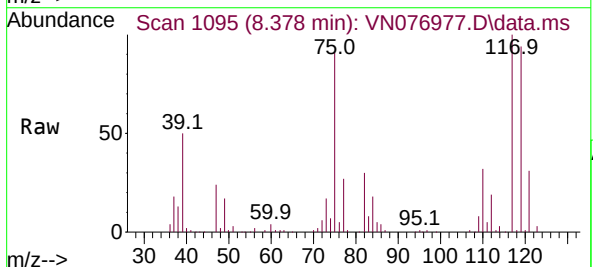
Tgt Ion: 113 Resp: 12427
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.8
192 19.4 13.9 20.9

Manual Integrations
APPROVED

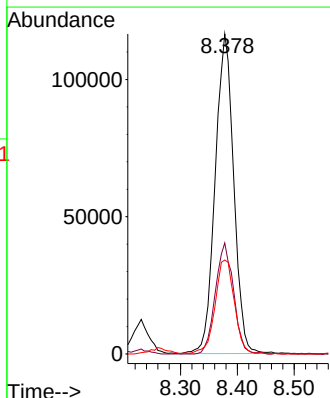
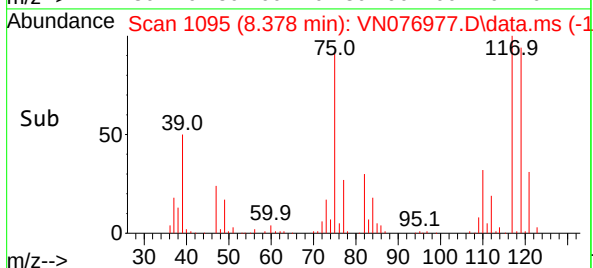
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

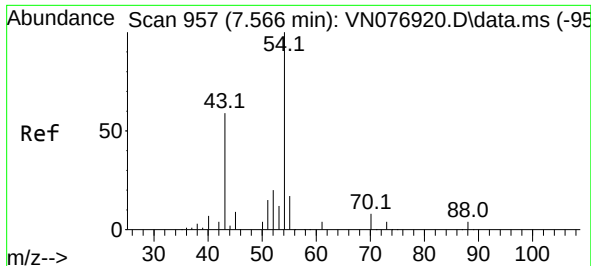


#36
1,1-Dichloropropene
Concen: 57.774 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion: 75 Resp: 264369
Ion Ratio Lower Upper
75 100
110 34.0 18.9 56.9
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 46.758 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 171100

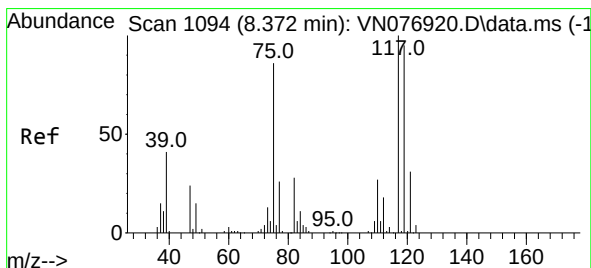
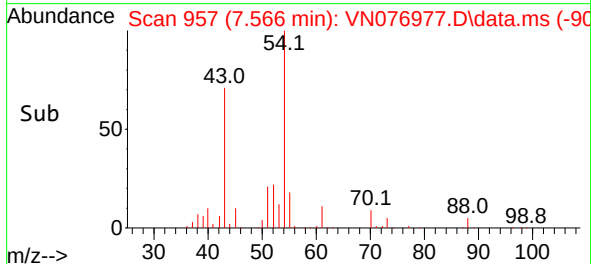
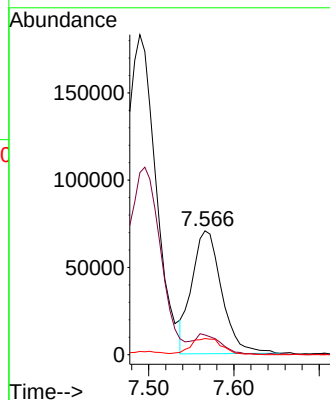
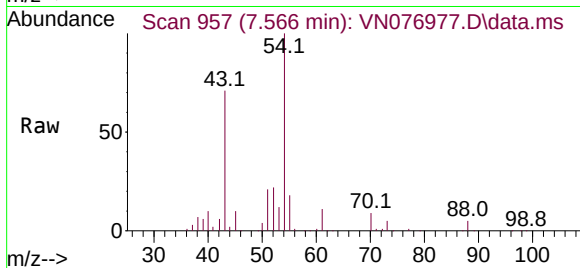
Ion	Ratio	Lower	Upper
43	100		
61	13.9	13.5	20.3
70	14.0	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#38

Carbon Tetrachloride

Concen: 71.067 ug/l

RT: 8.366 min Scan# 1093

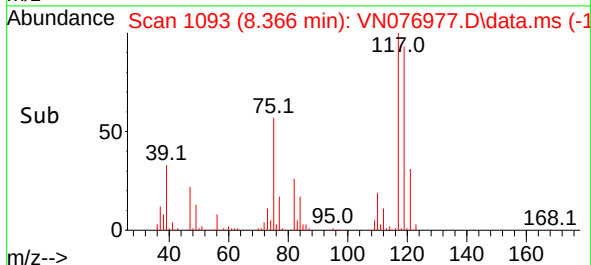
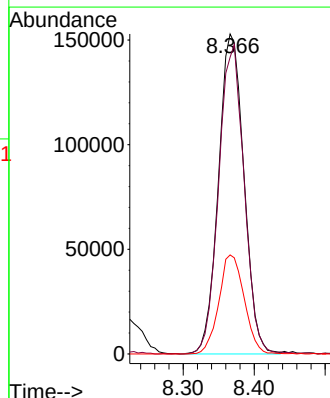
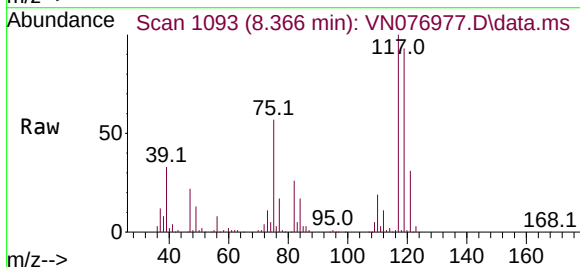
Delta R.T. -0.006 min

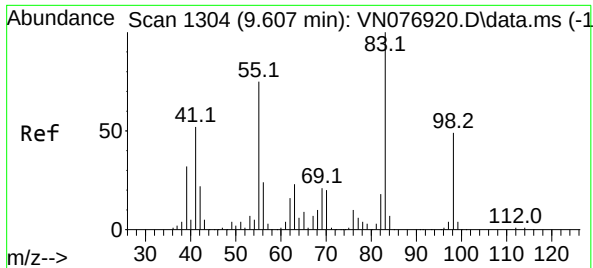
Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Tgt Ion:117 Resp: 380603

Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.9	115.3
121	30.9	23.2	34.8





#39
Methylcyclohexane
Concen: 56.183 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

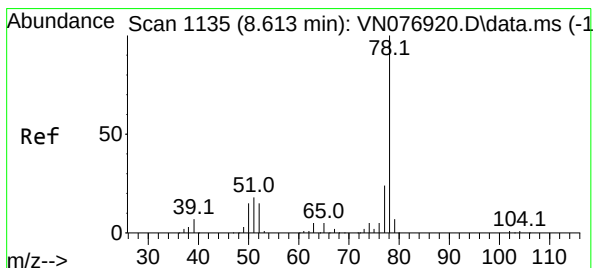
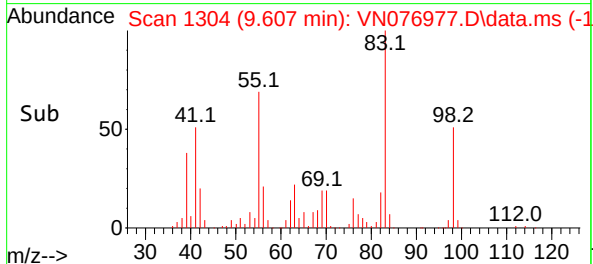
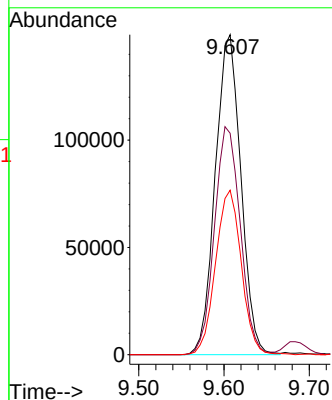
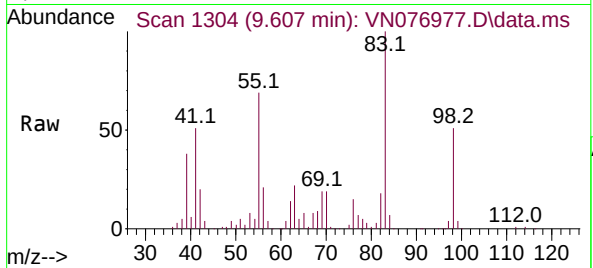
VSTDCCC050

Tgt Ion: 83 Resp: 31208
Ion Ratio Lower Upper
83 100
55 69.2 47.0 70.4
98 51.4 39.4 59.0

Manual Integrations

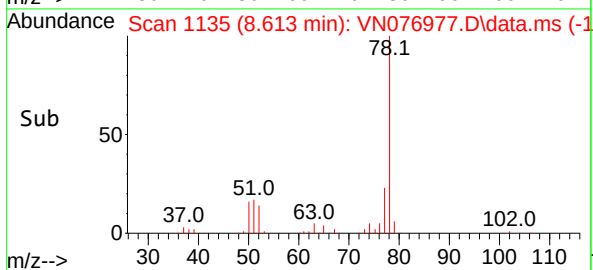
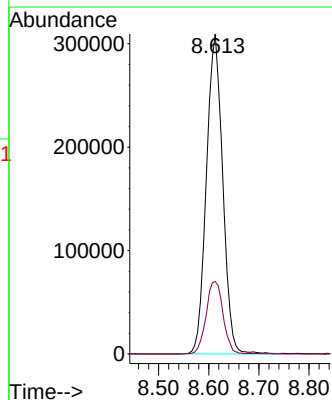
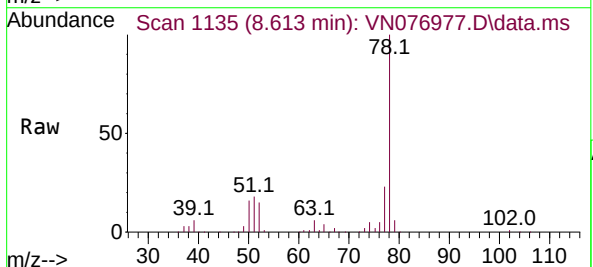
APPROVED

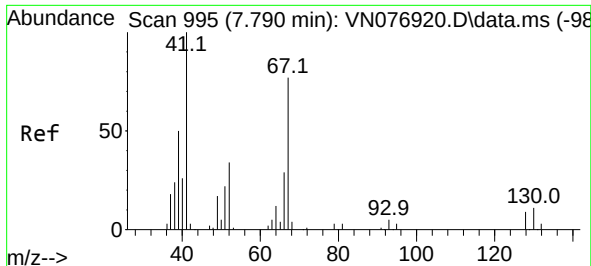
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#40
Benzene
Concen: 51.869 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

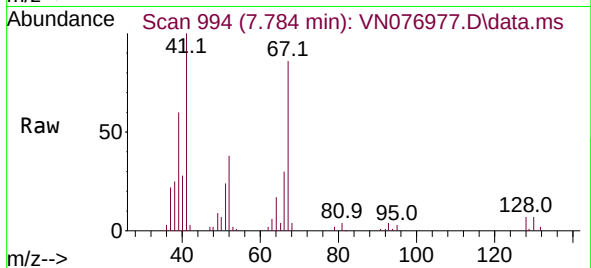
Tgt Ion: 78 Resp: 699613
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 43.937 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

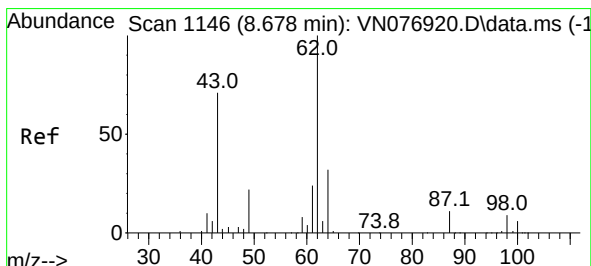
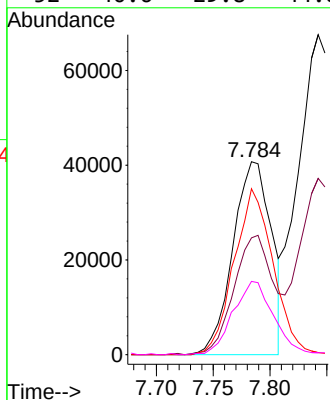
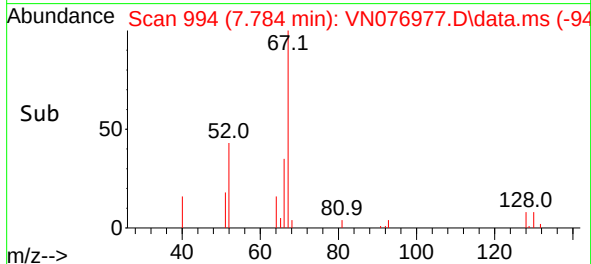
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 95679
Ion Ratio Lower Upper
41 100
39 65.5 43.4 65.0
67 87.6 78.6 118.0
52 40.6 29.8 44.8

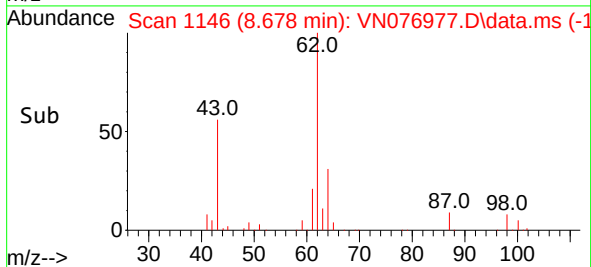
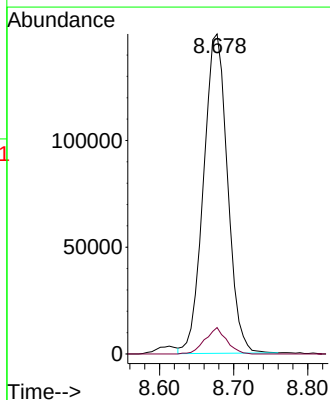
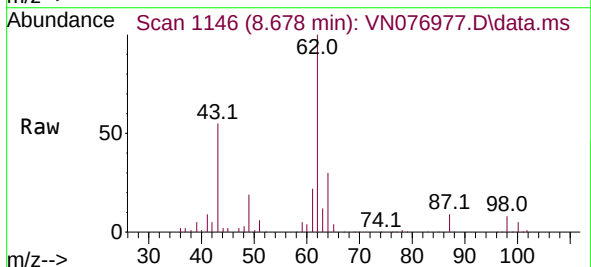
Manual Integrations
APPROVED

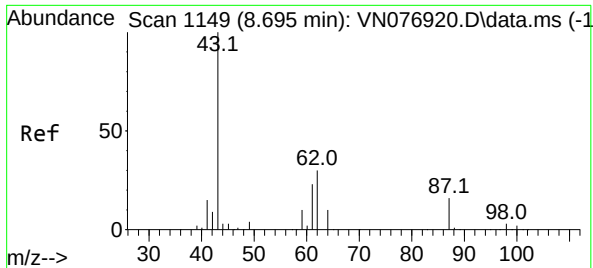
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#42
1,2-Dichloroethane
Concen: 63.904 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

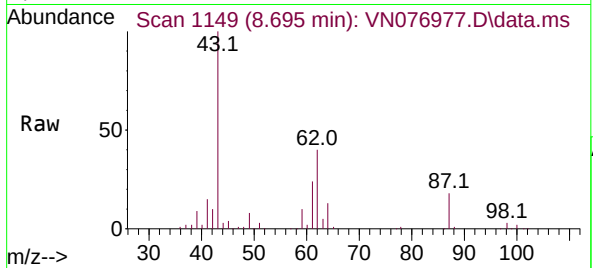
Tgt Ion: 62 Resp: 336207
Ion Ratio Lower Upper
62 100
98 7.4 0.0 21.8





#43
Isopropyl Acetate
Concen: 49.503 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

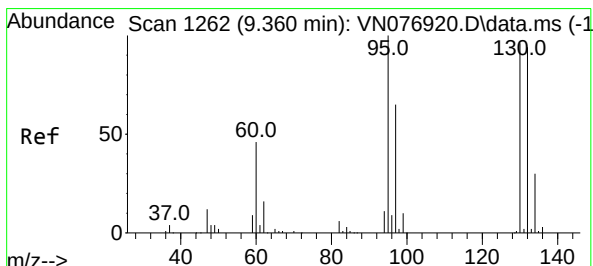
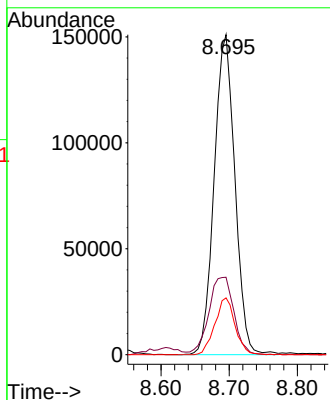
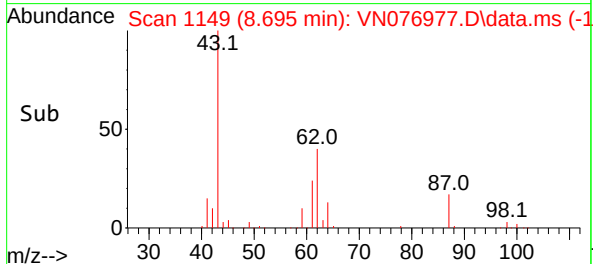
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



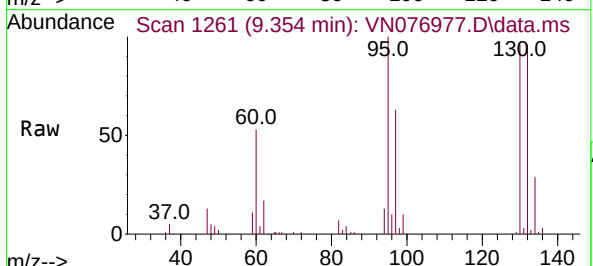
Tgt Ion: 43 Resp: 31978
Ion Ratio Lower Upper
43 100
61 29.3 26.2 39.2
87 17.2 14.8 22.2

Manual Integrations
APPROVED

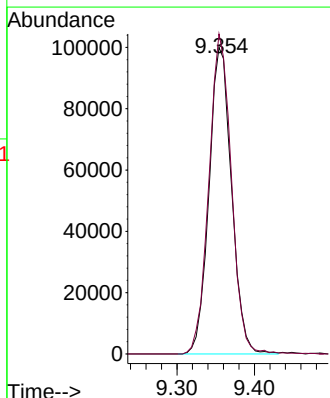
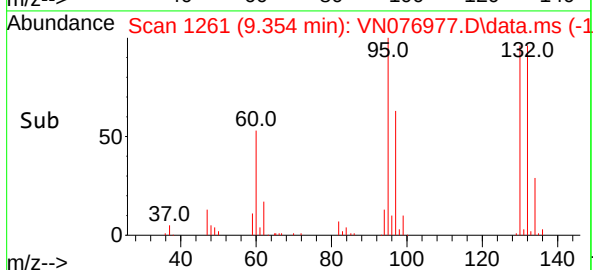
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

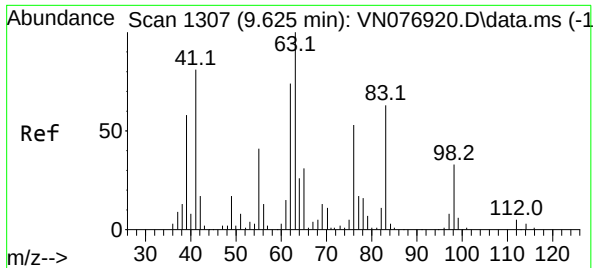


#44
Trichloroethene
Concen: 57.894 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion:130 Resp: 201809
Ion Ratio Lower Upper
130 100
95 104.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 45.956 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15251

Ion Ratio Lower Upper

63 100

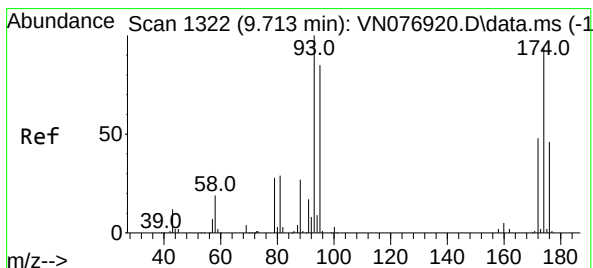
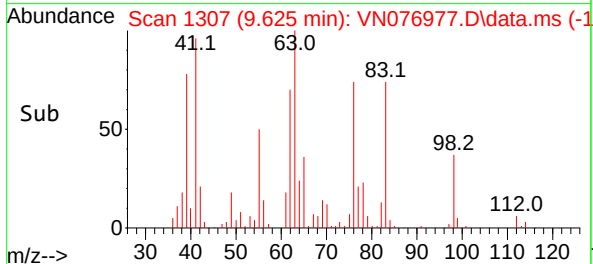
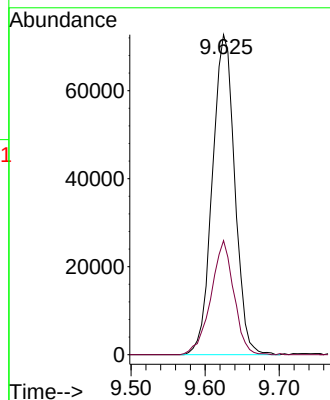
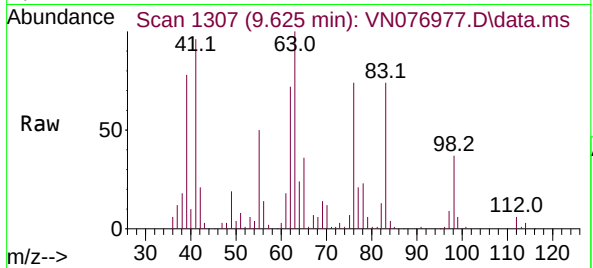
65 35.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#46

Dibromomethane

Concen: 57.582 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

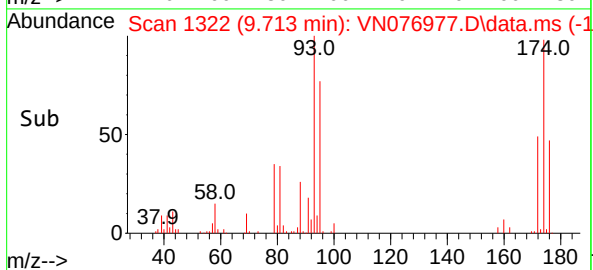
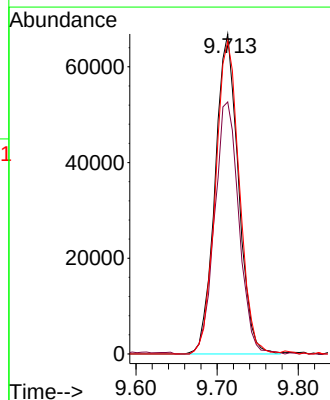
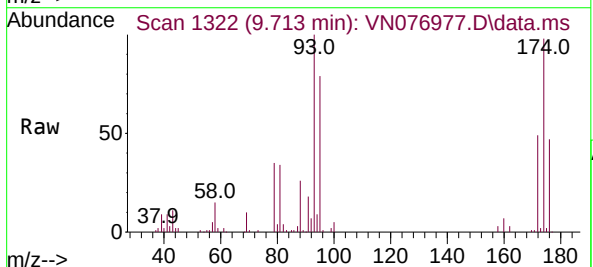
Tgt Ion: 93 Resp: 133459

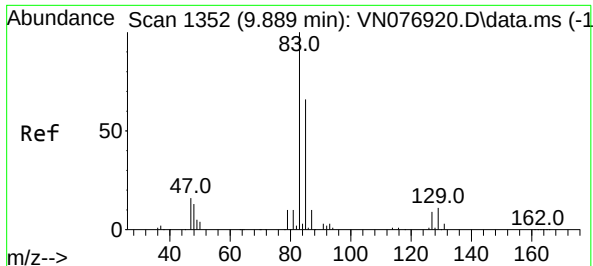
Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

174 99.8 69.3 103.9





#47

Bromodichloromethane

Concen: 63.727 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31334

Ion Ratio Lower Upper

83 100

85 63.3 52.6 78.8

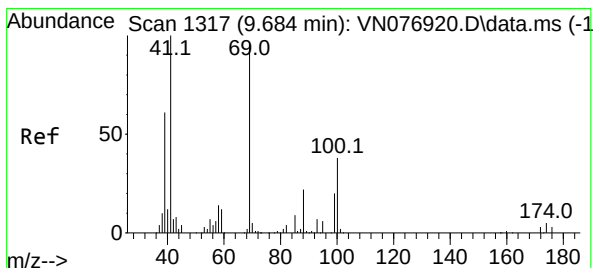
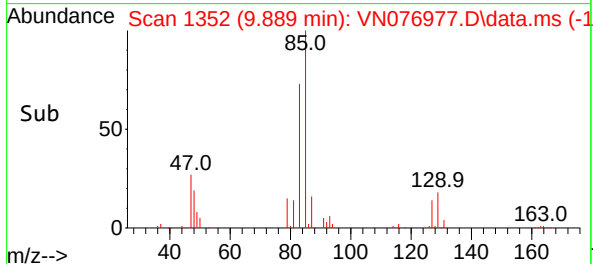
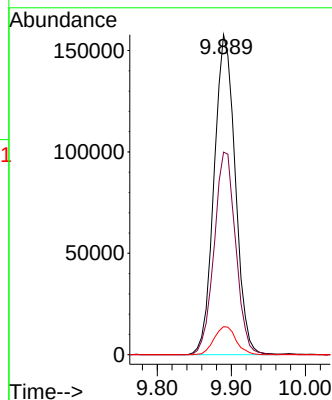
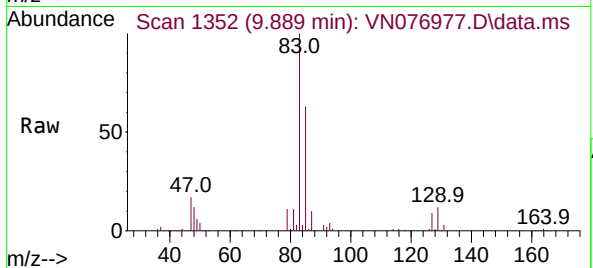
127 8.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#48

Methyl methacrylate

Concen: 50.559 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

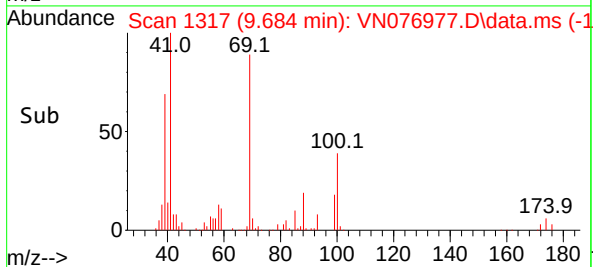
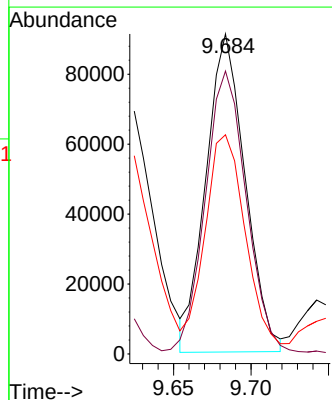
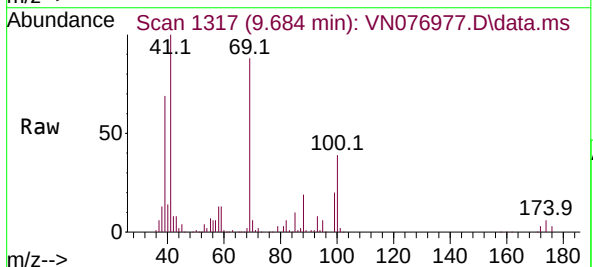
Tgt Ion: 41 Resp: 160026

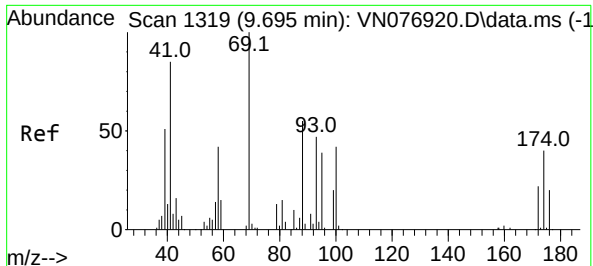
Ion Ratio Lower Upper

41 100

69 94.6 92.6 139.0

39 72.2 51.4 77.0





#49

1,4-Dioxane

Concen: 1087.462 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 65174

Ion Ratio Lower Upper

88 100

43 25.6 15.3 22.9

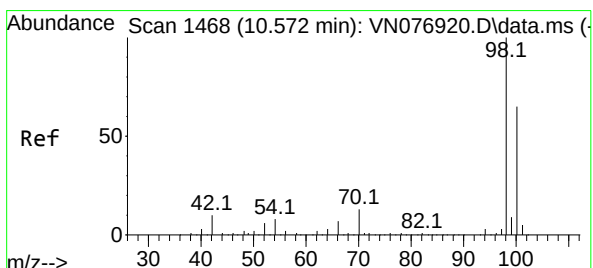
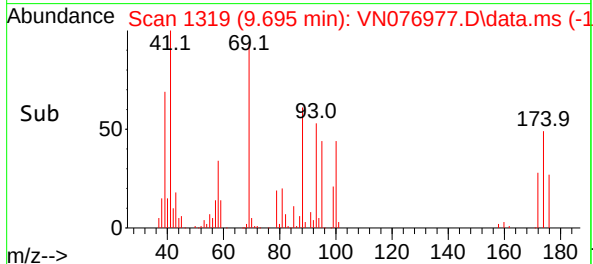
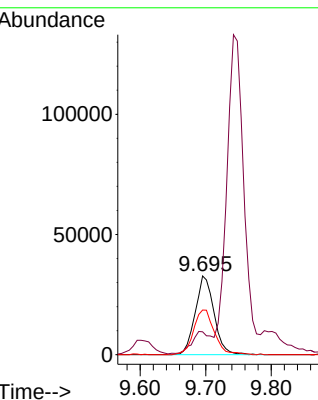
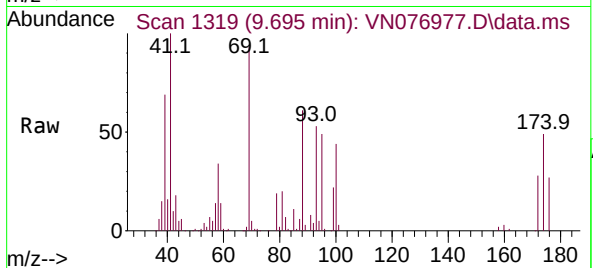
58 62.8 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#50

Toluene-d8

Concen: 40.465 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076977.D

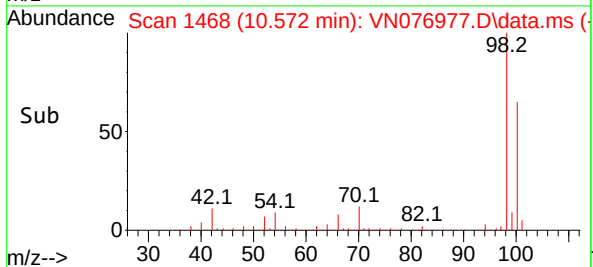
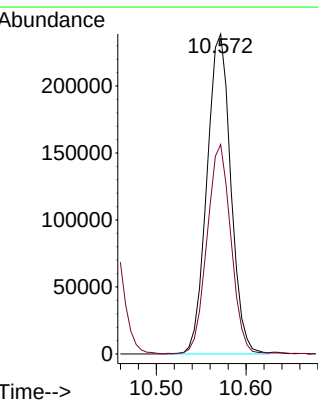
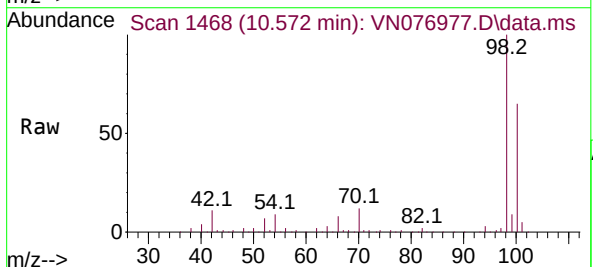
Acq: 14 Mar 2023 12:33

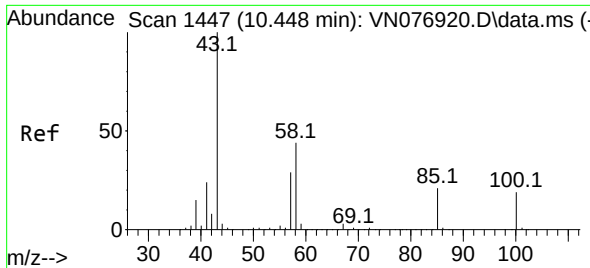
Tgt Ion: 98 Resp: 441237

Ion Ratio Lower Upper

98 100

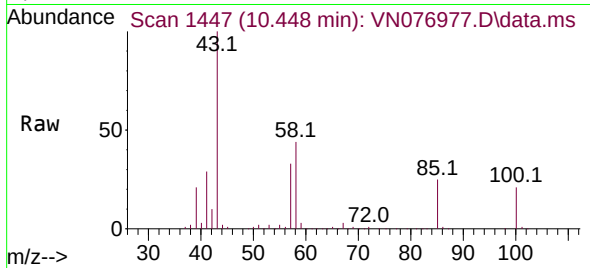
100 65.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 231.762 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

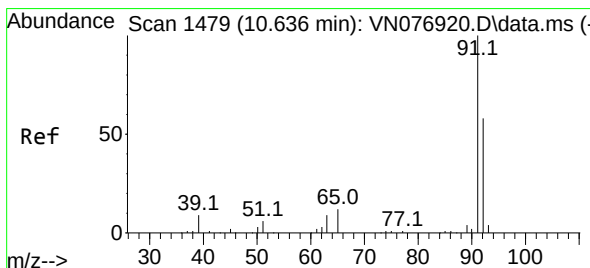
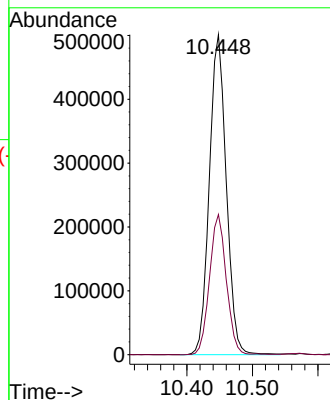
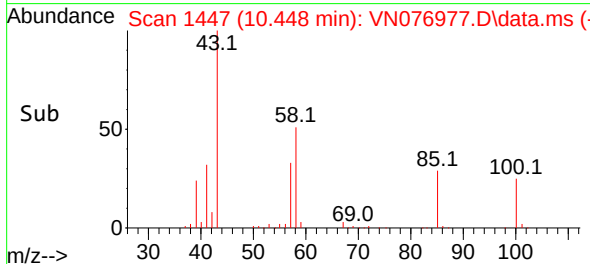
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 899362
Ion Ratio Lower Upper
43 100
58 43.5 37.4 56.0

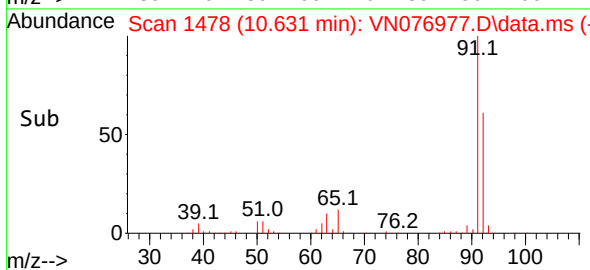
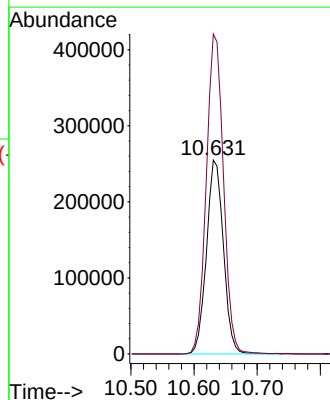
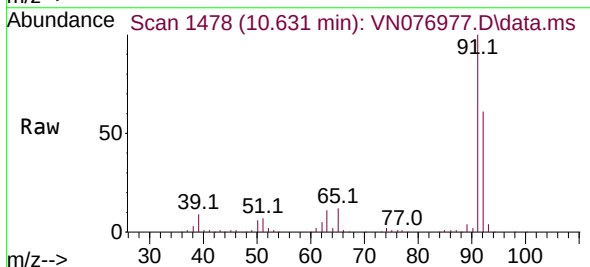
Manual Integrations
APPROVED

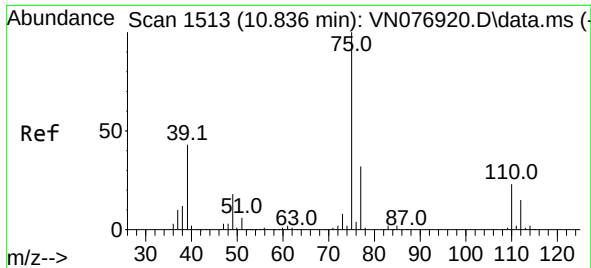
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#52
Toluene
Concen: 57.213 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 92 Resp: 474944
Ion Ratio Lower Upper
92 100
91 167.2 138.2 207.2





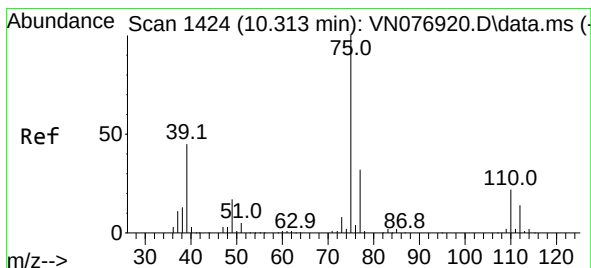
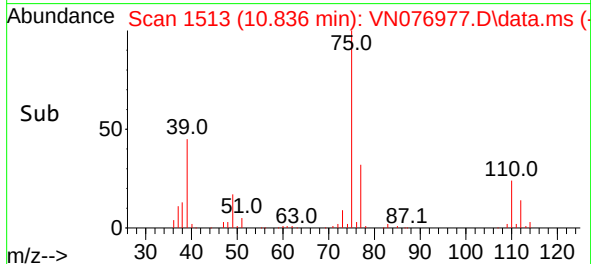
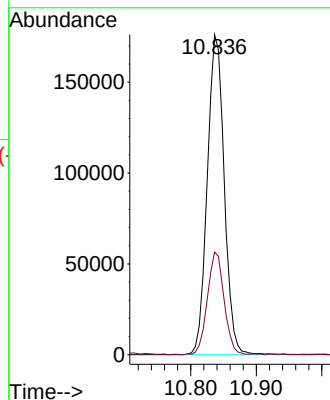
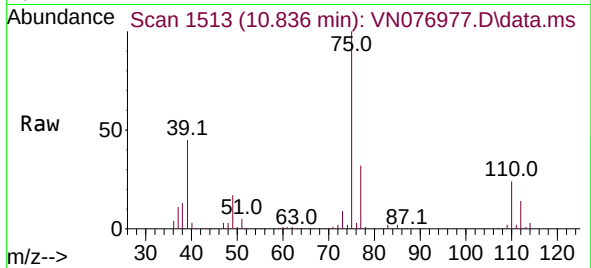
#53
t-1,3-Dichloropropene
Concen: 64.642 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 316879
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6

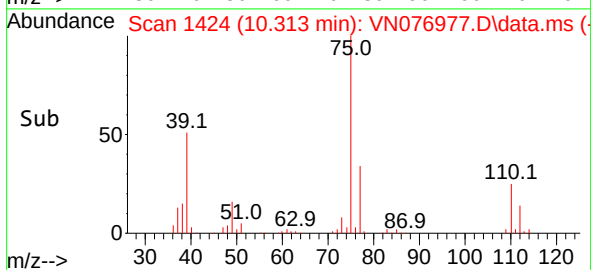
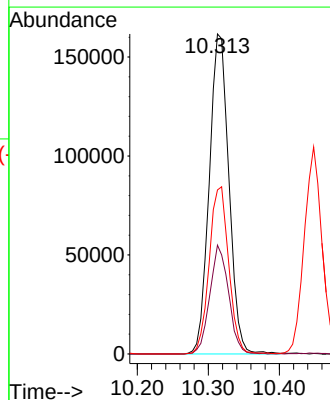
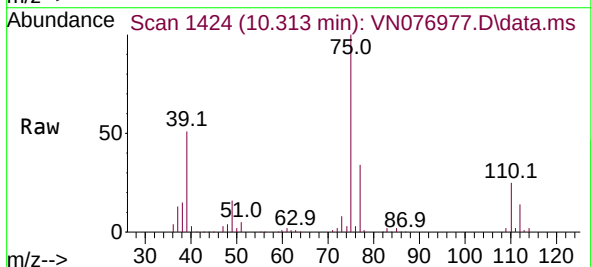
Manual Integrations
APPROVED

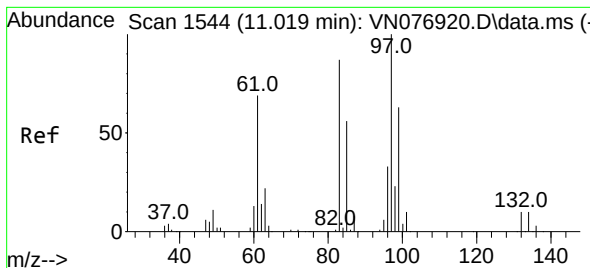
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#54
cis-1,3-Dichloropropene
Concen: 57.679 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

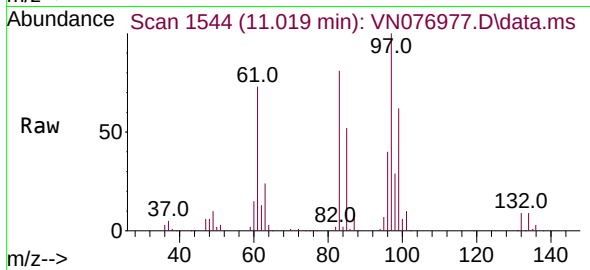
Tgt Ion: 75 Resp: 310512
Ion Ratio Lower Upper
75 100
77 34.0 25.7 38.5
39 51.3 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 53.300 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

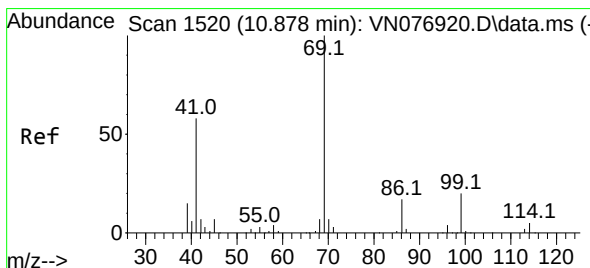
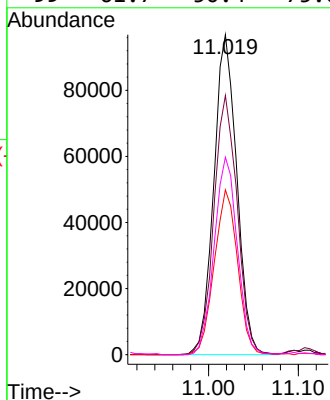
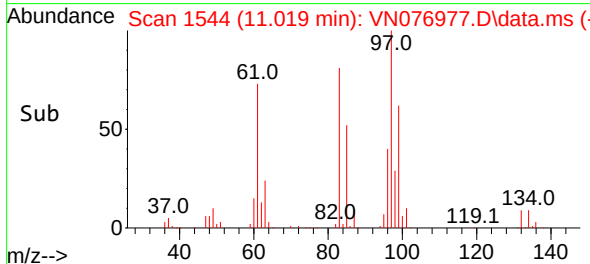
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



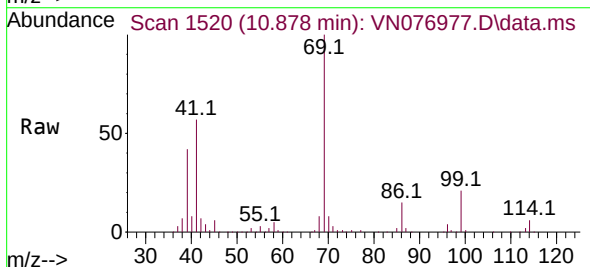
Tgt Ion: 97 Resp: 17215
Ion Ratio Lower Upper
97 100
83 81.0 67.1 100.7
85 51.5 41.8 62.8
99 61.7 50.4 75.6

Manual Integrations
APPROVED

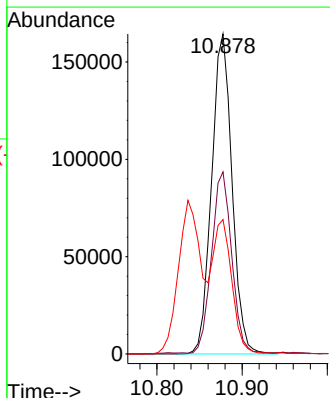
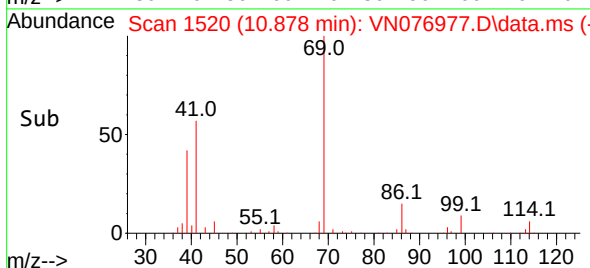
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

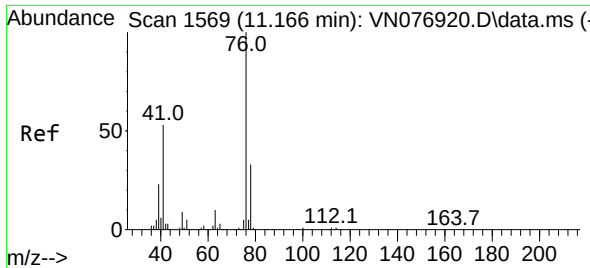


#56
Ethyl methacrylate
Concen: 55.846 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



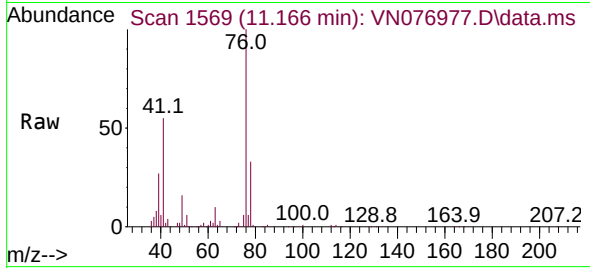
Tgt Ion: 69 Resp: 273589
Ion Ratio Lower Upper
69 100
41 55.9 38.0 57.0
39 37.9 22.4 33.6





#57
1,3-Dichloropropane
Concen: 52.789 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

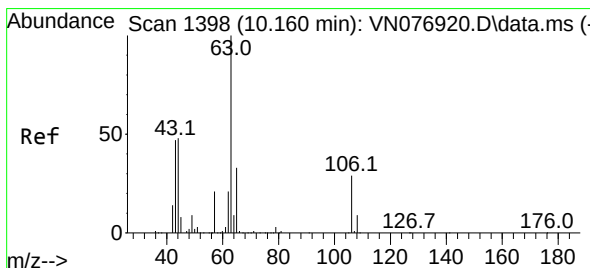
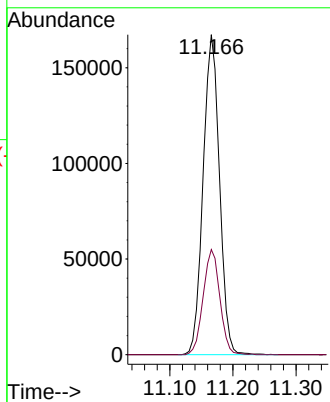
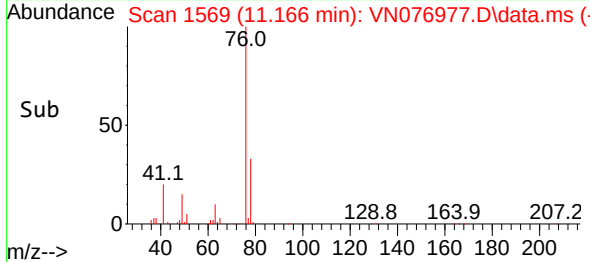
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 300654
Ion Ratio Lower Upper
76 100
78 33.4 26.1 39.1

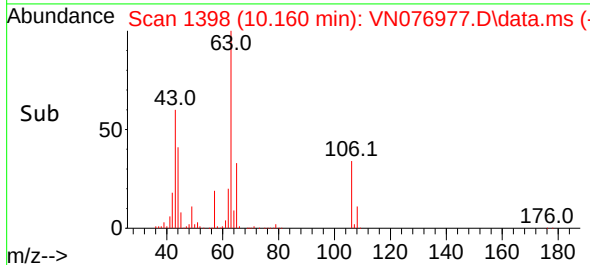
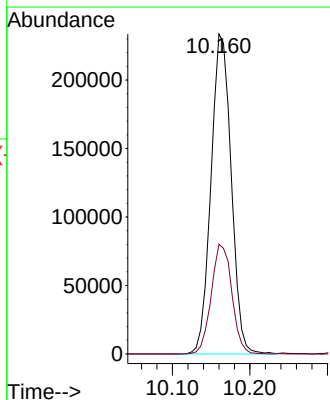
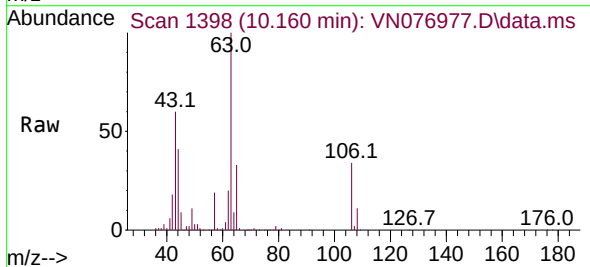
Manual Integrations
APPROVED

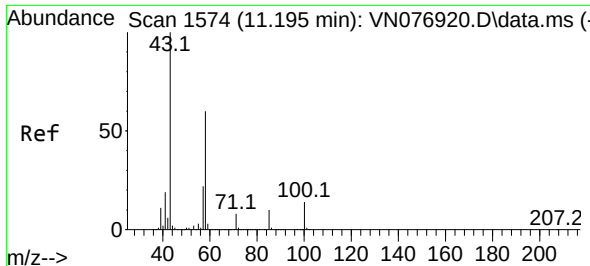
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 271.278 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

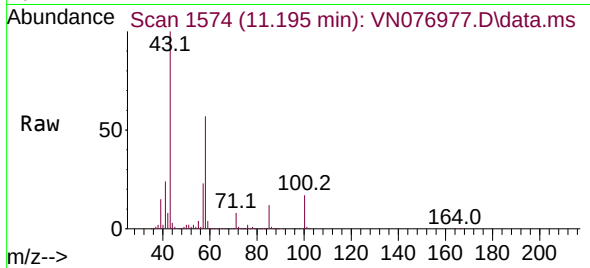
Tgt Ion: 63 Resp: 423199
Ion Ratio Lower Upper
63 100
106 34.8 25.6 38.4





#59
2-Hexanone
Concen: 249.609 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

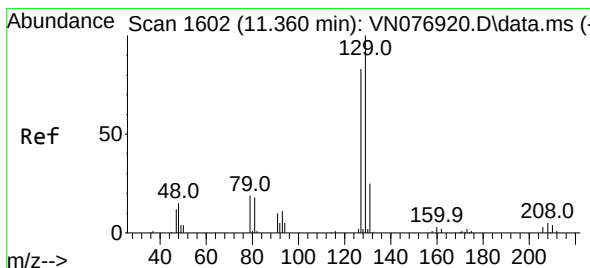
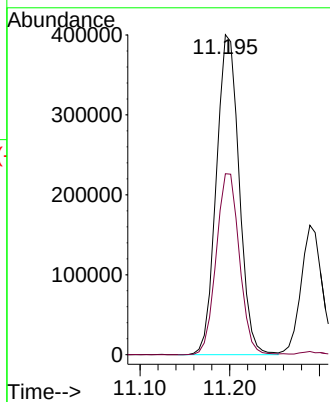
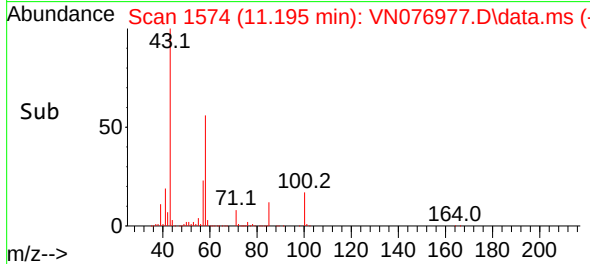
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 70625
Ion Ratio Lower Upper
43 100
58 57.6 32.6 98.0

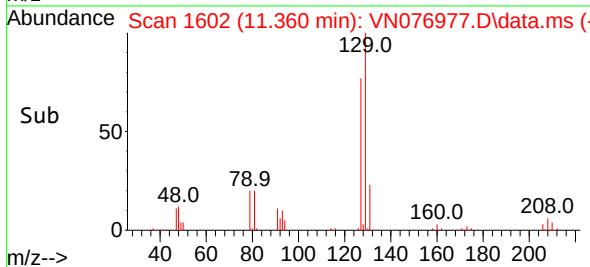
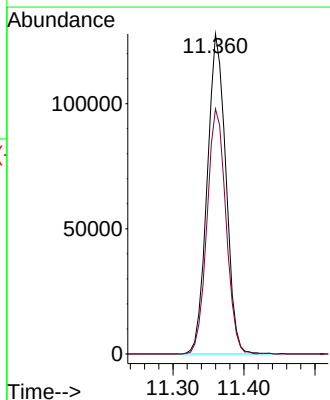
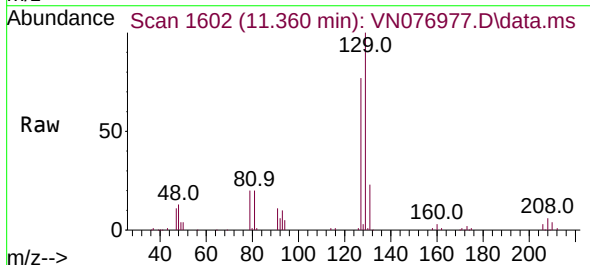
Manual Integrations
APPROVED

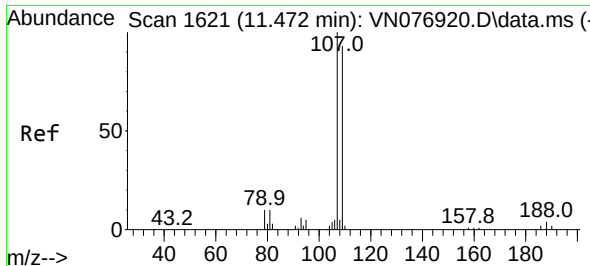
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#60
Dibromochloromethane
Concen: 65.513 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

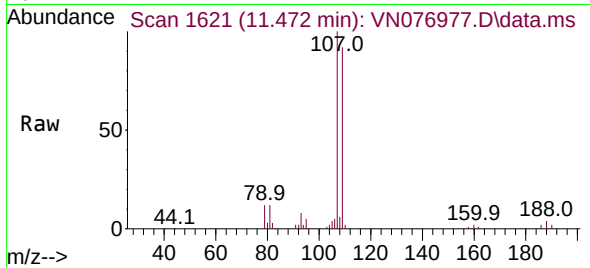
Tgt Ion:129 Resp: 233129
Ion Ratio Lower Upper
129 100
127 77.7 39.6 118.8





#61
1,2-Dibromoethane
Concen: 57.009 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

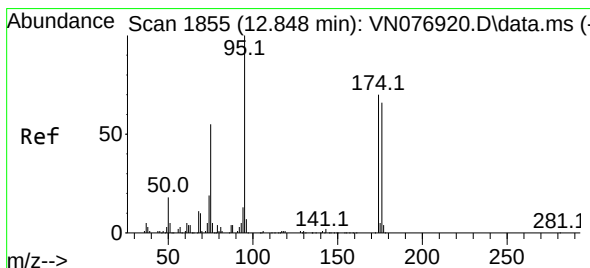
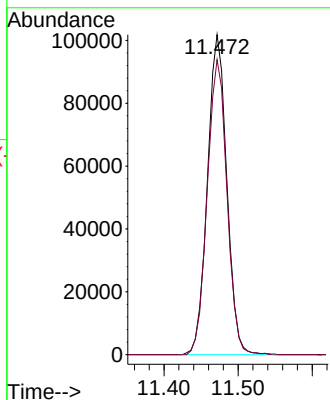
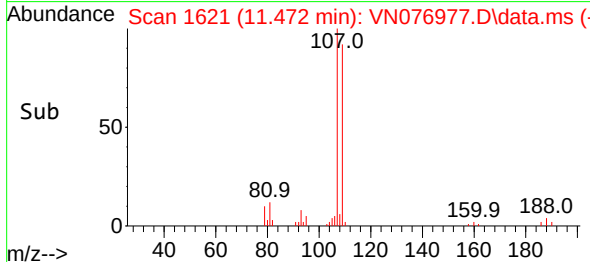
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



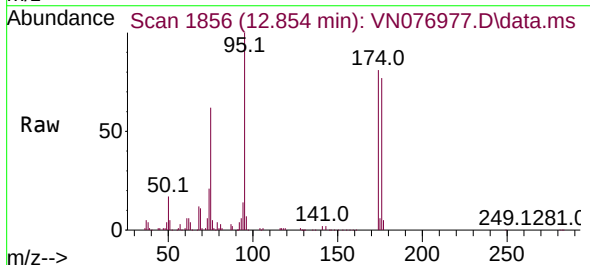
Tgt Ion:107 Resp: 184552
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9

Manual Integrations
APPROVED

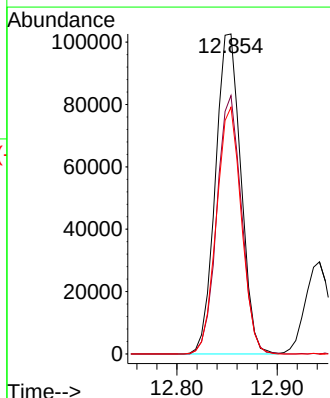
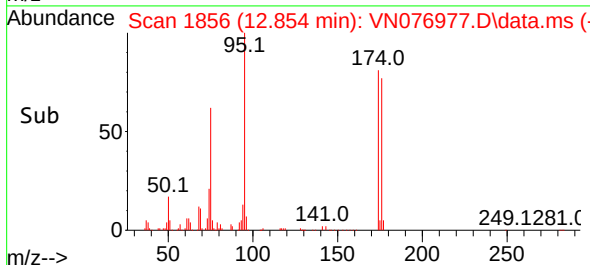
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

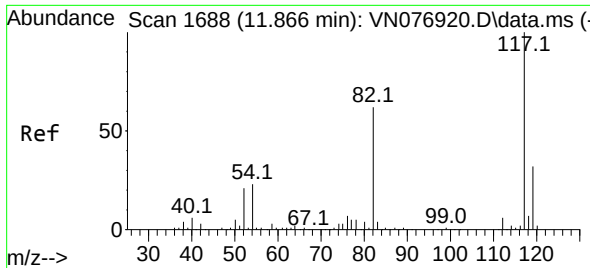


#62
4-Bromofluorobenzene
Concen: 45.405 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



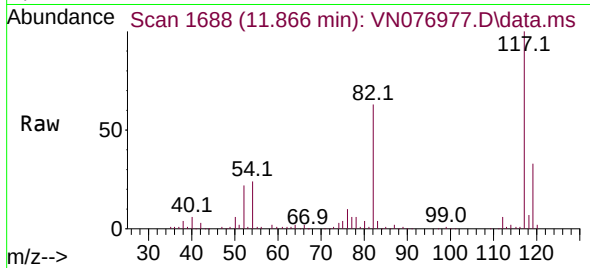
Tgt Ion: 95 Resp: 181094
Ion Ratio Lower Upper
95 100
174 77.9 0.0 162.4
176 75.4 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

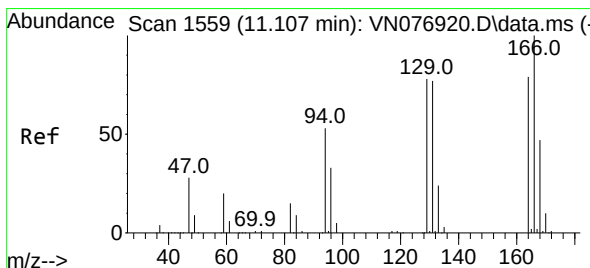
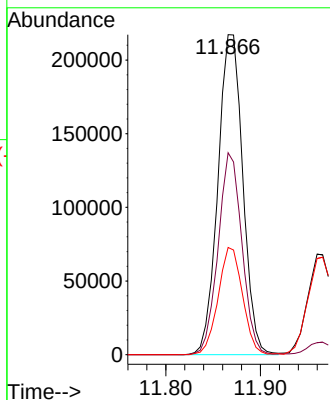
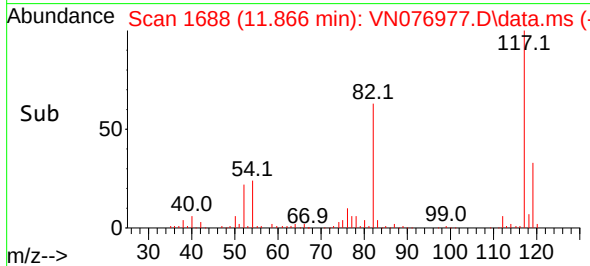
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



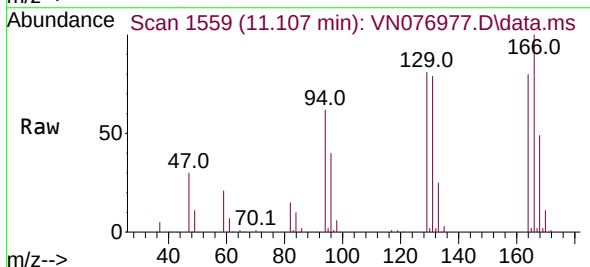
Tgt Ion:117 Resp: 397804
Ion Ratio Lower Upper
117 100
82 63.1 43.5 65.3
119 33.5 25.5 38.3

Manual Integrations
APPROVED

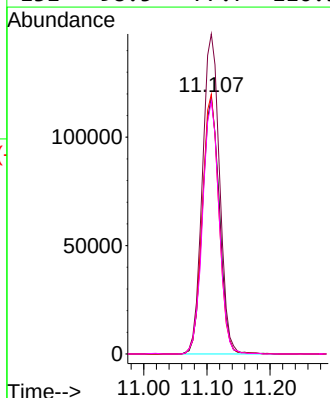
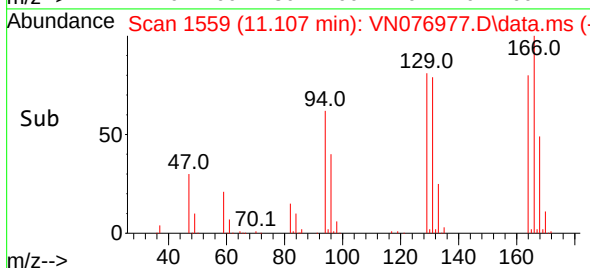
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

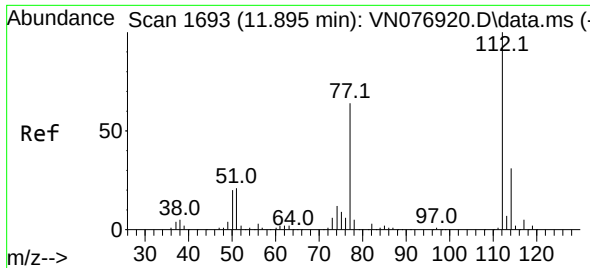


#64
Tetrachloroethene
Concen: 68.305 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion:164 Resp: 219915
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 101.1 81.5 122.3
131 98.5 77.7 116.5





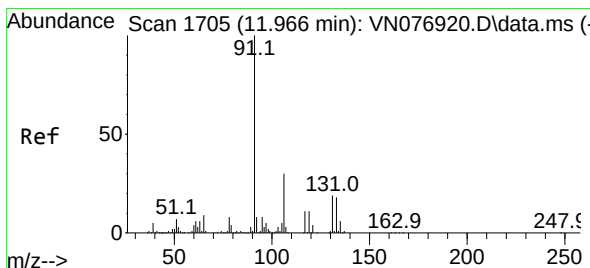
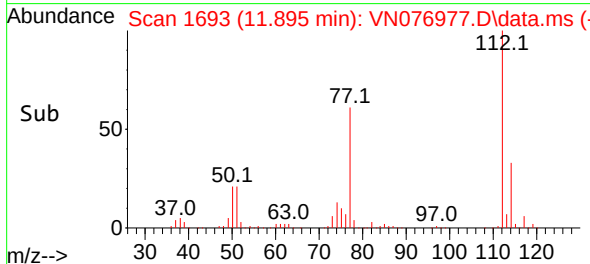
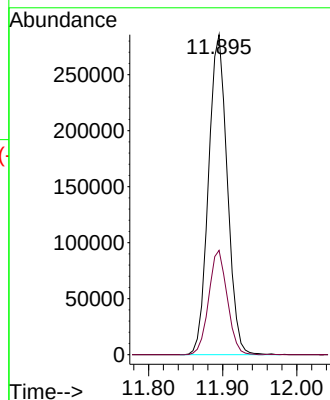
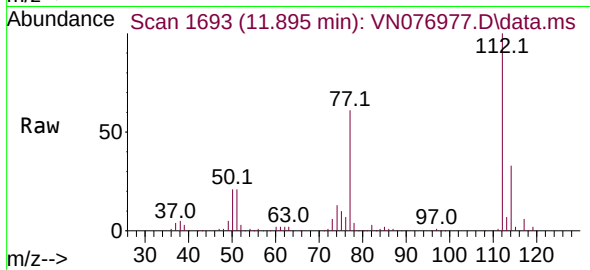
#65
Chlorobenzene
Concen: 56.467 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 50244
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

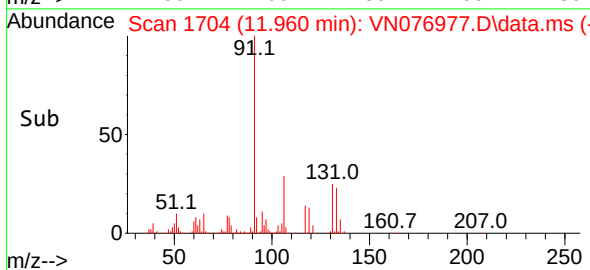
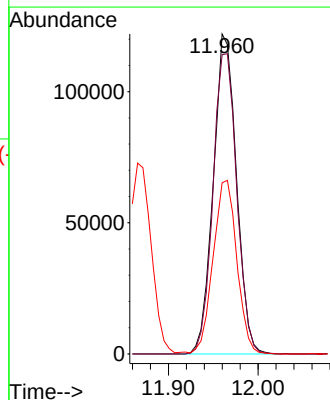
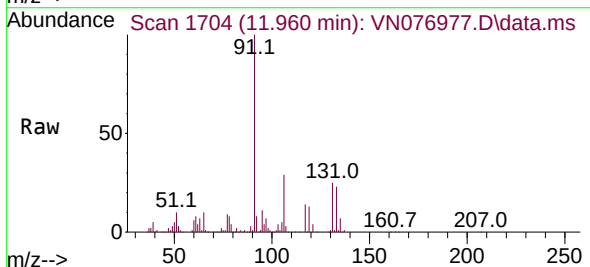
Manual Integrations
APPROVED

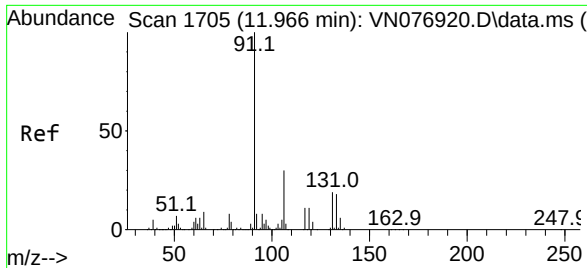
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 62.967 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

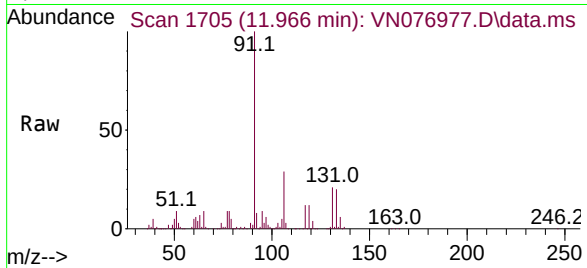
Tgt Ion:131 Resp: 218725
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 55.8 33.1 99.2





#67
Ethyl Benzene
Concen: 59.699 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

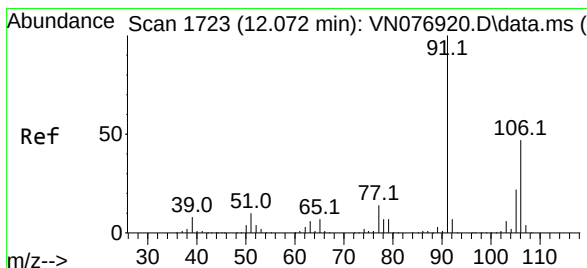
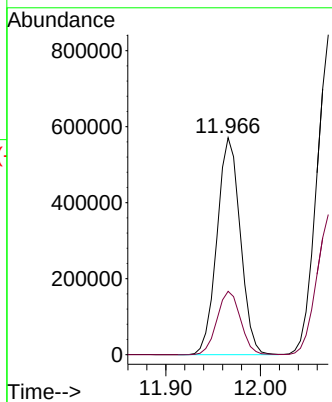
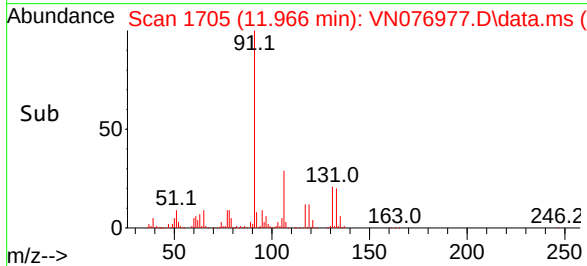
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



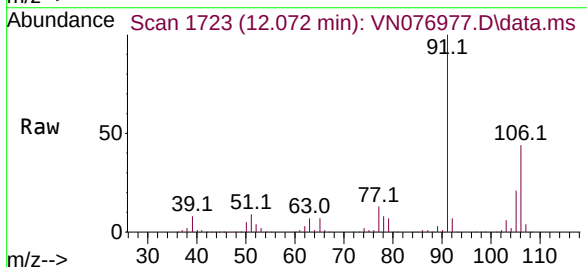
Tgt Ion: 91 Resp: 97679
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7

Manual Integrations
APPROVED

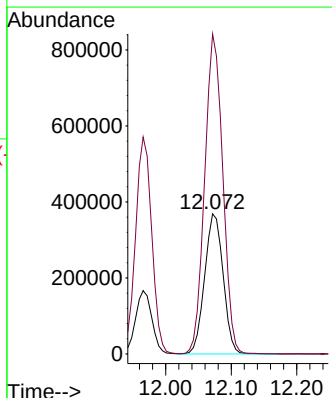
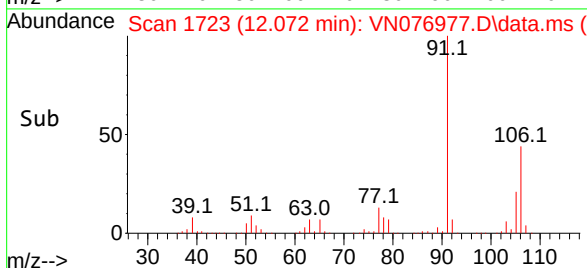
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

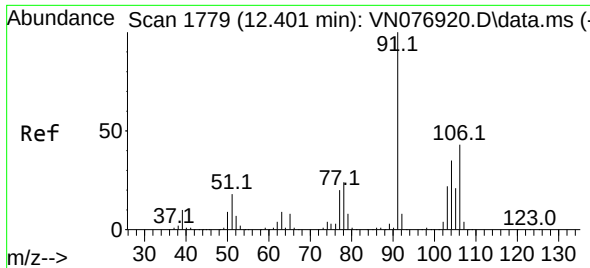


#68
m/p-Xylenes
Concen: 117.606 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion:106 Resp: 723251
Ion Ratio Lower Upper
106 100
91 223.9 158.0 237.0





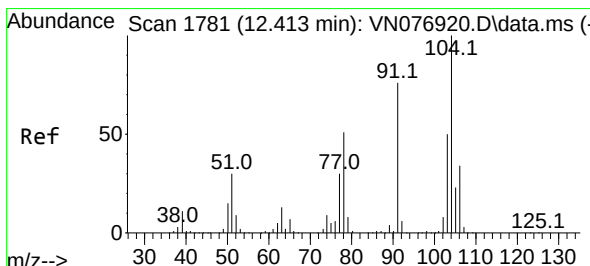
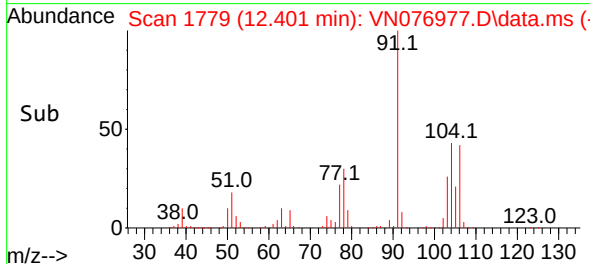
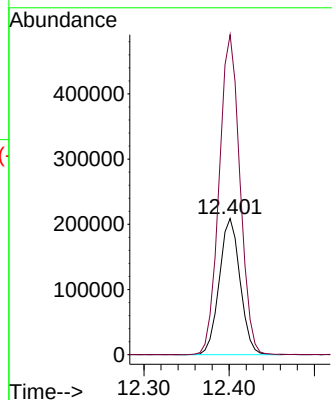
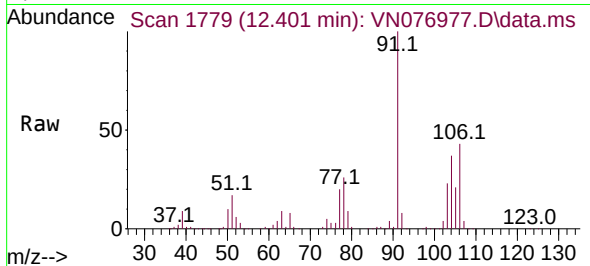
#69
o-Xylene
Concen: 59.307 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 354083
Ion Ratio Lower Upper
106 100
91 235.6 101.8 305.4

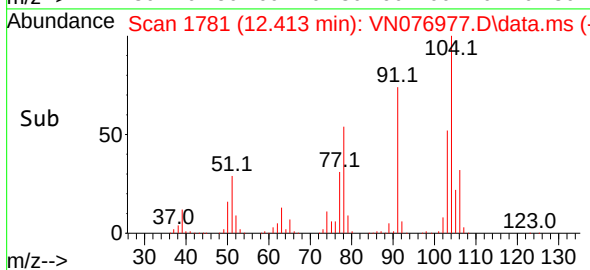
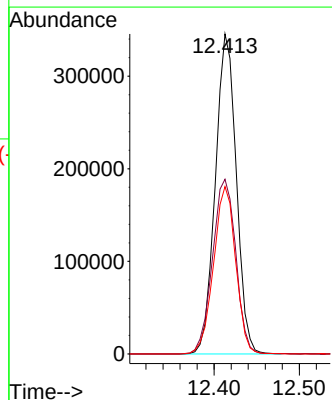
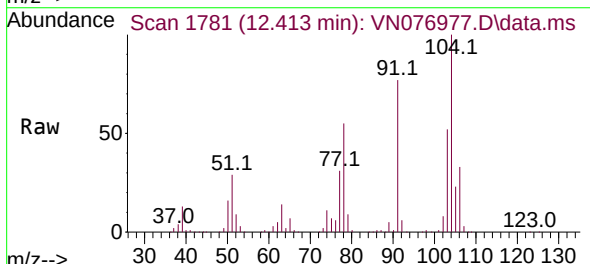
Manual Integrations
APPROVED

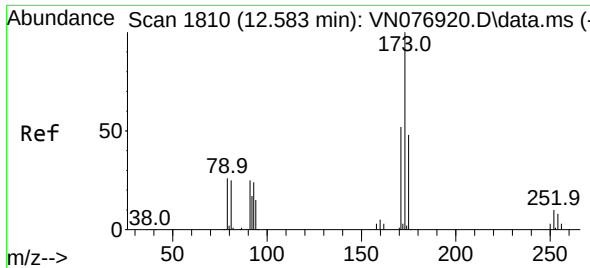
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#70
Styrene
Concen: 61.374 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

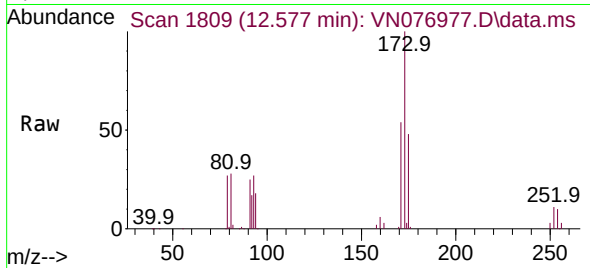
Tgt Ion:104 Resp: 591966
Ion Ratio Lower Upper
104 100
78 60.7 36.6 55.0#
103 55.2 43.4 65.0





#71
Bromoform
Concen: 68.343 ug/l
RT: 12.577 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

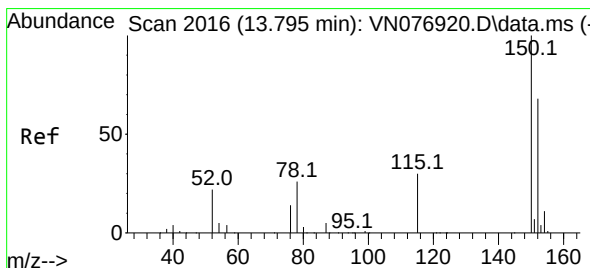
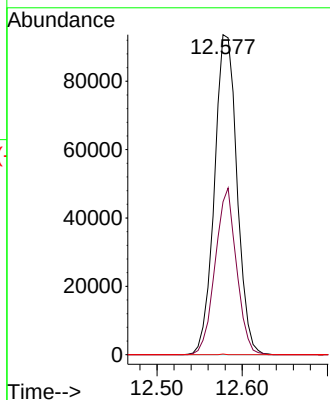
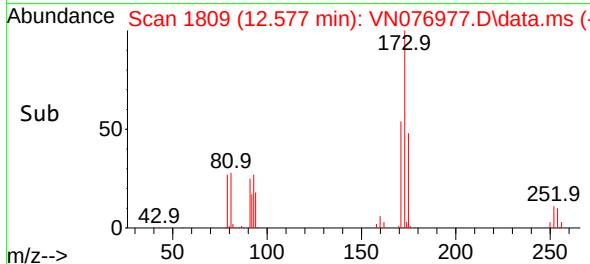
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 17204
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.0 0.0 0.0

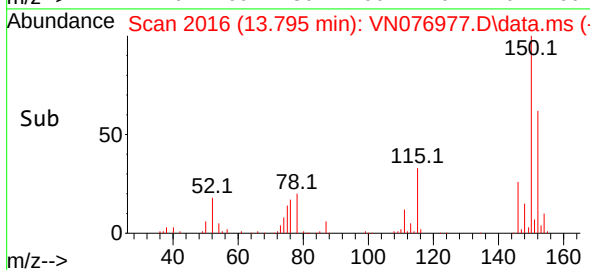
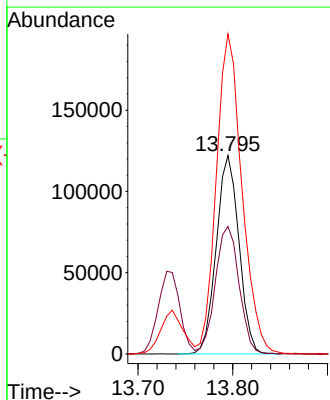
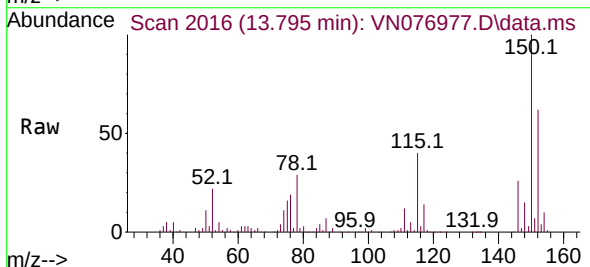
Manual Integrations
APPROVED

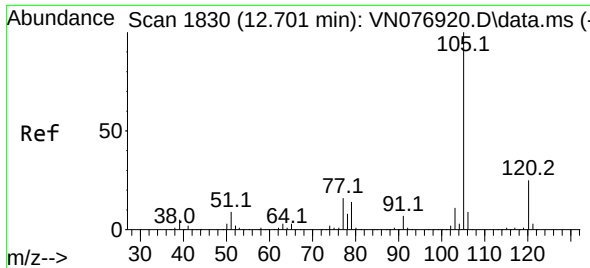
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

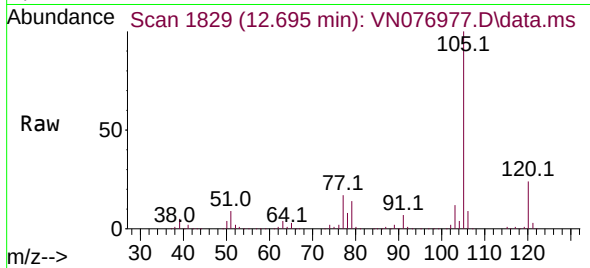
Tgt Ion:152 Resp: 203392
Ion Ratio Lower Upper
152 100
115 67.2 30.3 90.9
150 181.9 0.0 353.6





#73
Isopropylbenzene
Concen: 55.284 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

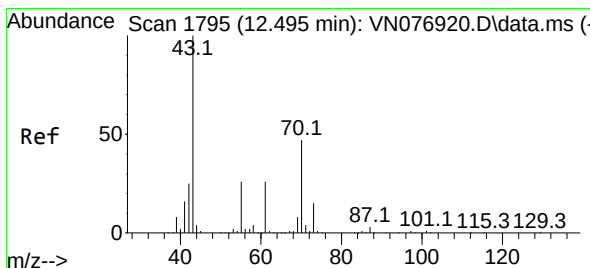
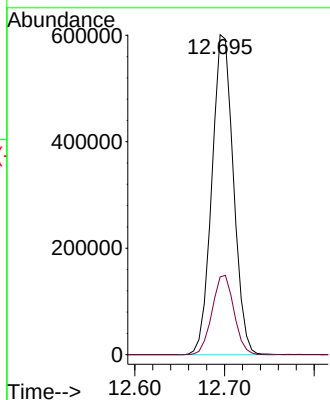
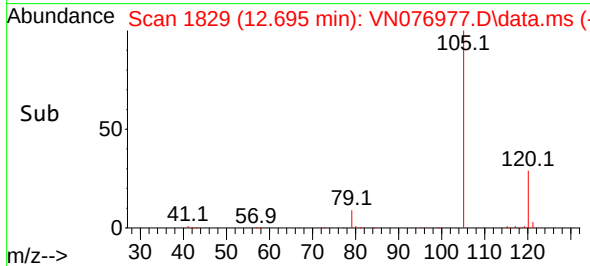
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1001940
Ion Ratio Lower Upper
105 100
120 25.2 13.8 41.4

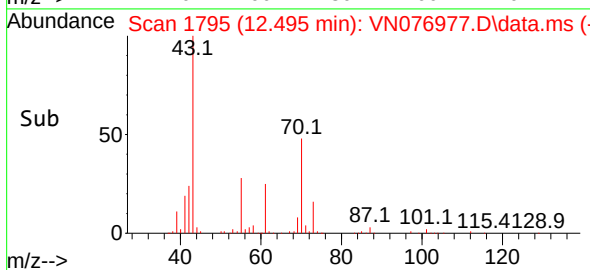
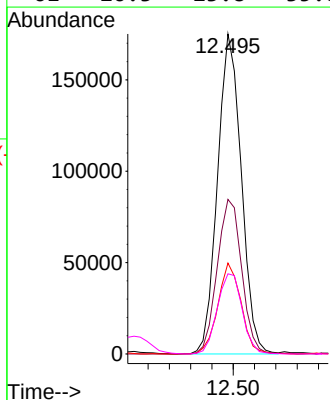
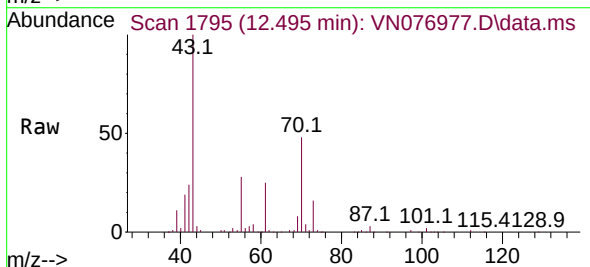
Manual Integrations
APPROVED

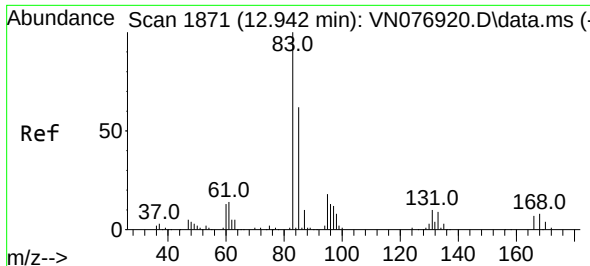
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#74
N-ethyl acetate
Concen: 45.208 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

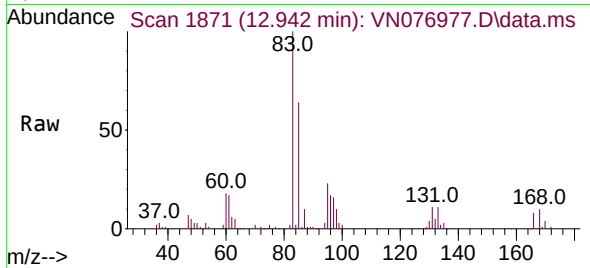
Tgt Ion: 43 Resp: 271274
Ion Ratio Lower Upper
43 100
70 49.9 46.8 70.2
55 27.7 23.4 35.2
61 26.3 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 40.228 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

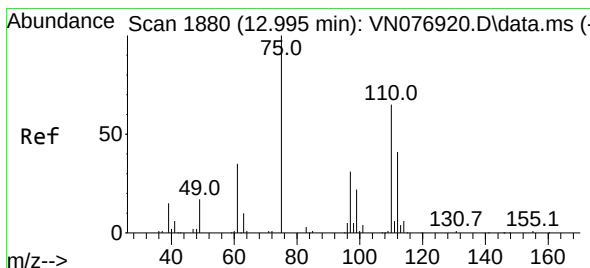
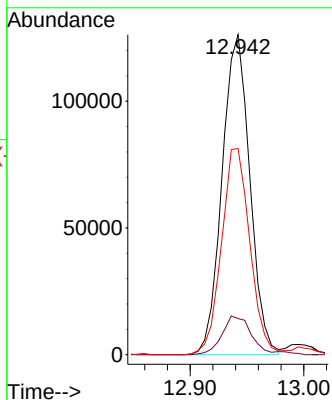
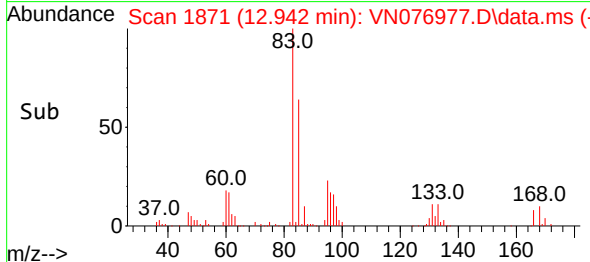
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 214528
Ion Ratio Lower Upper
83 100
131 13.1 5.3 16.1
85 66.0 32.0 96.0

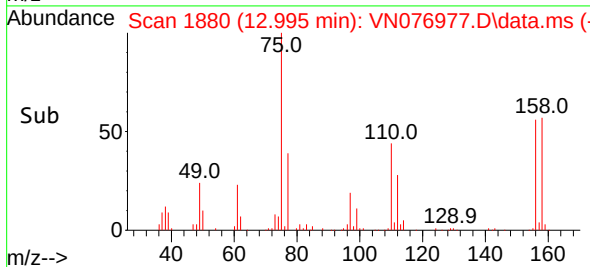
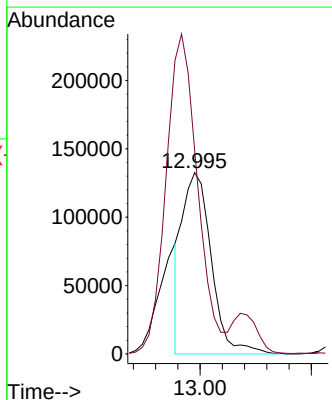
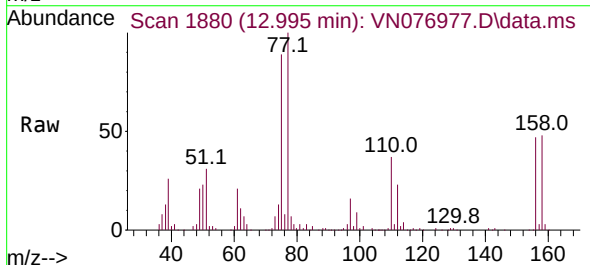
Manual Integrations
APPROVED

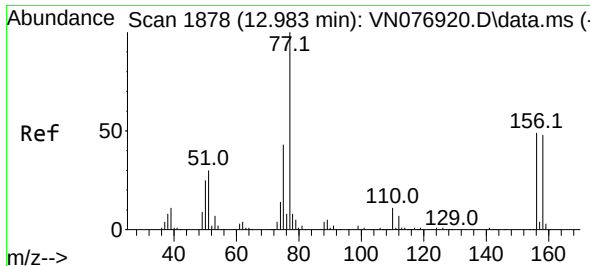
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#76
1,2,3-Trichloropropane
Concen: 48.740 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

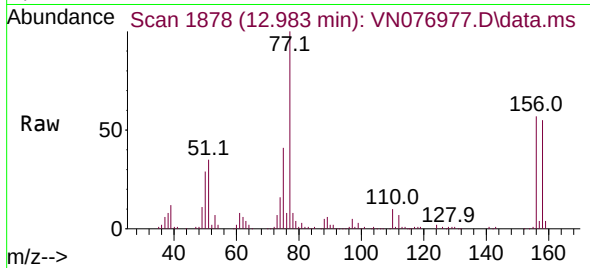
Tgt Ion: 75 Resp: 240342
Ion Ratio Lower Upper
75 100
77 192.5 93.8 281.4





#77
Bromobenzene
Concen: 55.933 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

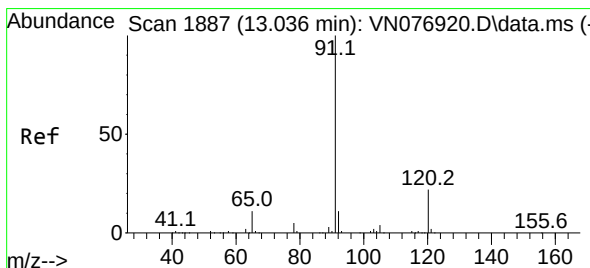
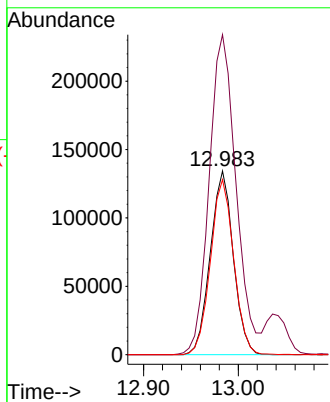
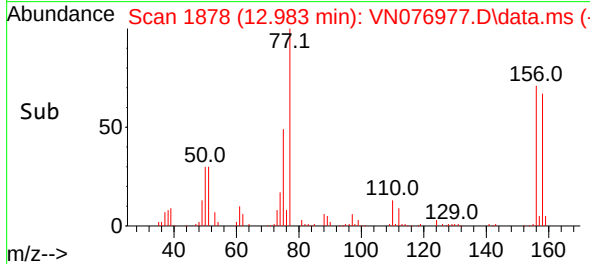
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 226620
Ion Ratio Lower Upper
156 100
77 204.2 101.3 303.7
158 96.4 48.9 146.7

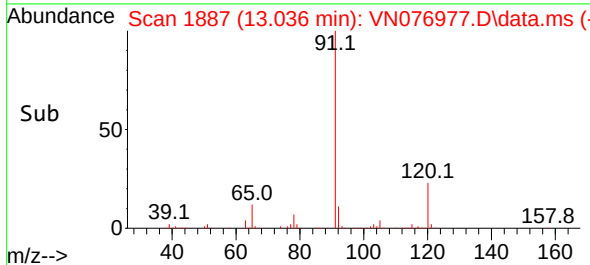
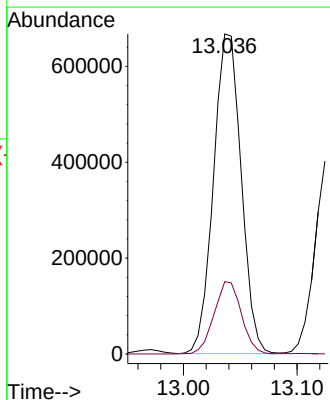
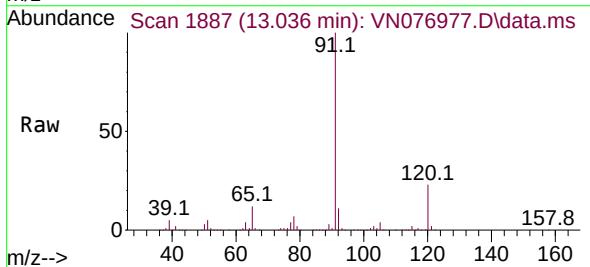
Manual Integrations
APPROVED

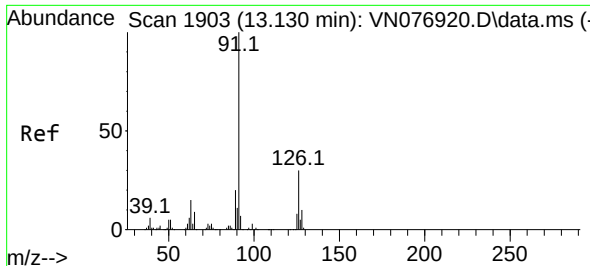
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#78
n-propylbenzene
Concen: 56.020 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

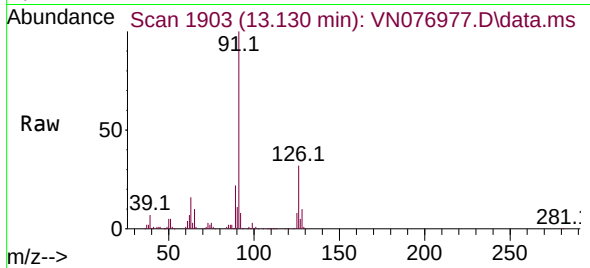
Tgt Ion: 91 Resp: 1130584
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.7





#79
2-Chlorotoluene
Concen: 53.824 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

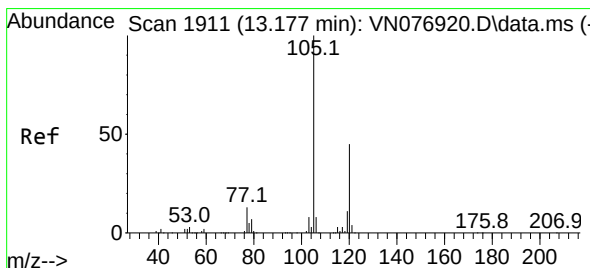
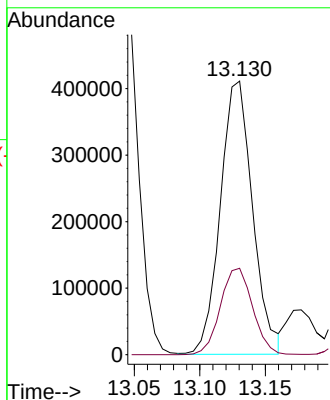
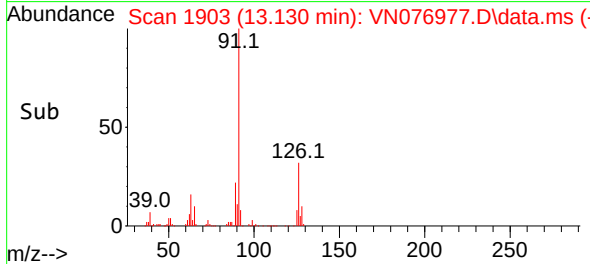
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



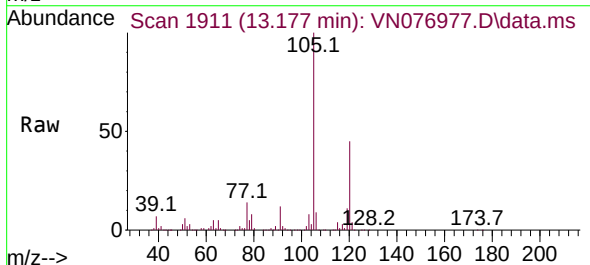
Tgt Ion: 91 Resp: 704425
Ion Ratio Lower Upper
91 100
126 31.6 17.7 53.1

Manual Integrations
APPROVED

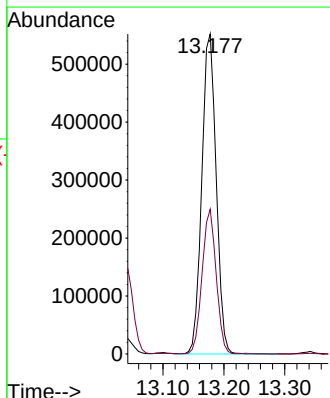
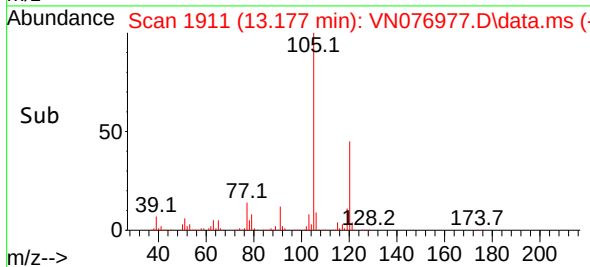
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

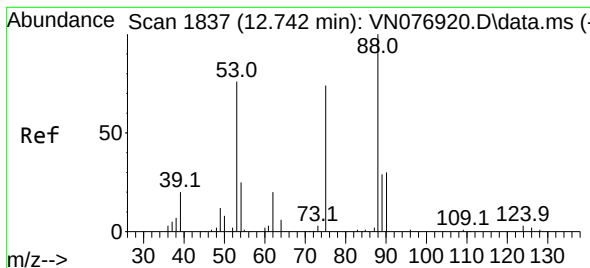


#80
1,3,5-Trimethylbenzene
Concen: 58.618 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



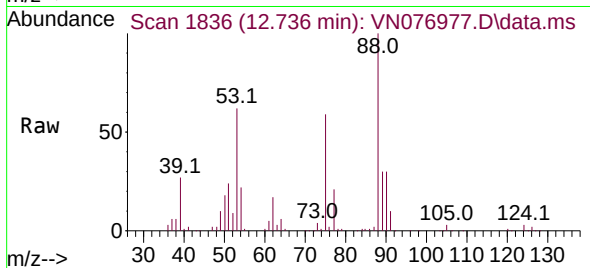
Tgt Ion:105 Resp: 904967
Ion Ratio Lower Upper
105 100
120 44.3 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.521 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

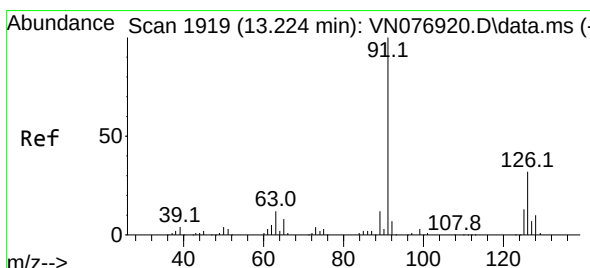
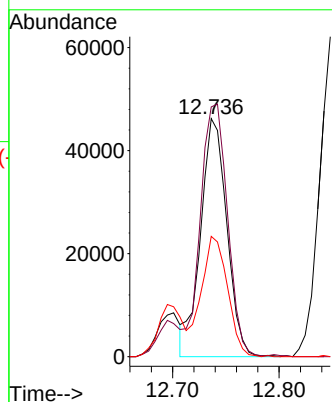
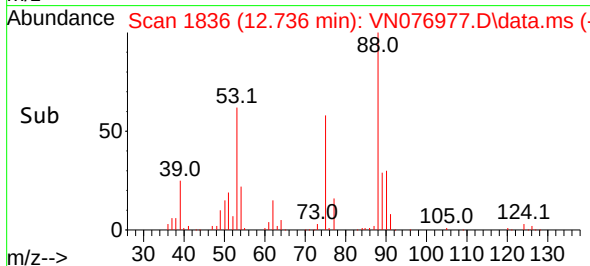
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



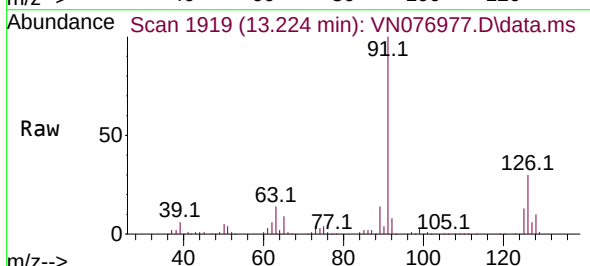
Tgt Ion: 75 Resp: 79280
Ion Ratio Lower Upper
75 100
53 109.4 67.4 101.0
89 50.6 39.5 59.3

Manual Integrations
APPROVED

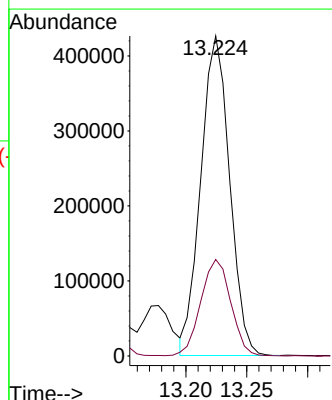
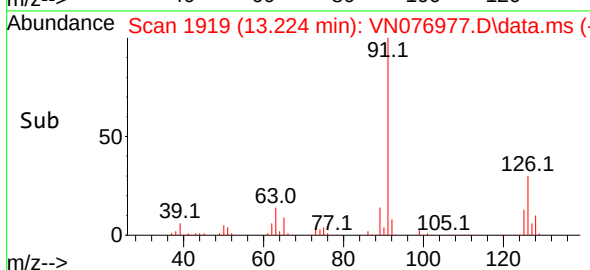
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

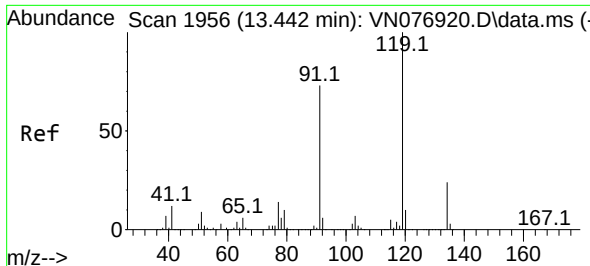


#82
4-Chlorotoluene
Concen: 56.719 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



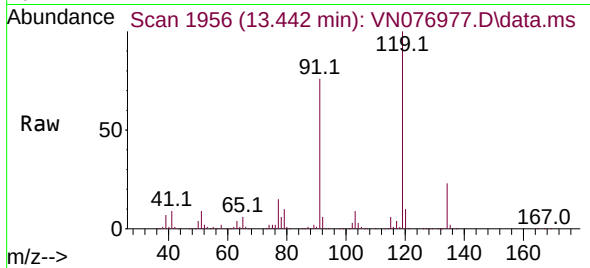
Tgt Ion: 91 Resp: 701425
Ion Ratio Lower Upper
91 100
126 31.4 18.0 54.0





#83
tert-Butylbenzene
Concen: 59.772 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

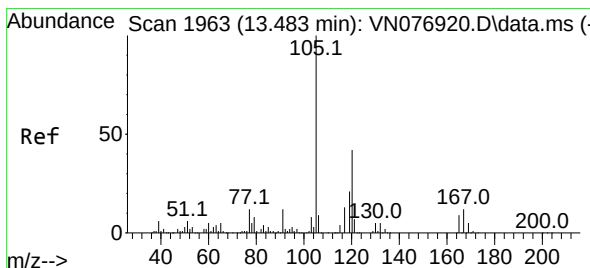
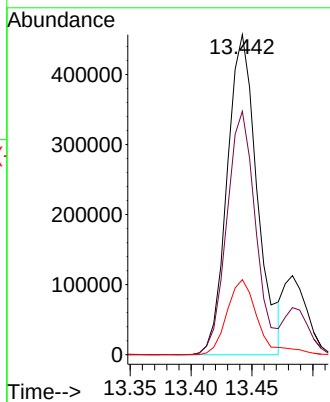
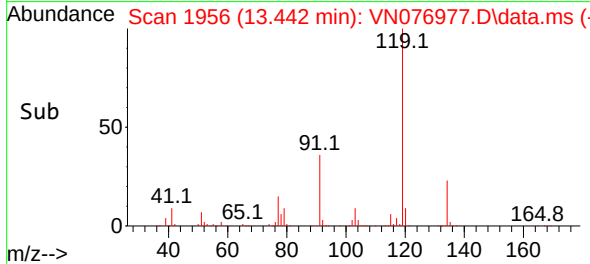
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



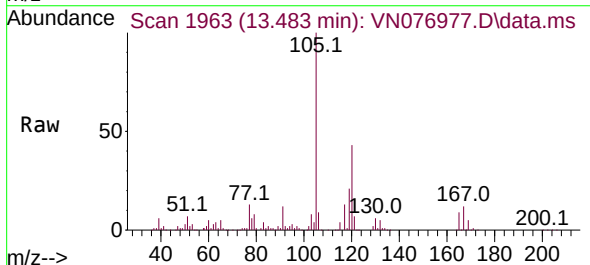
Tgt Ion:119 Resp: 783950
Ion Ratio Lower Upper
119 100
91 73.7 31.9 95.5
134 24.1 13.8 41.4

Manual Integrations
APPROVED

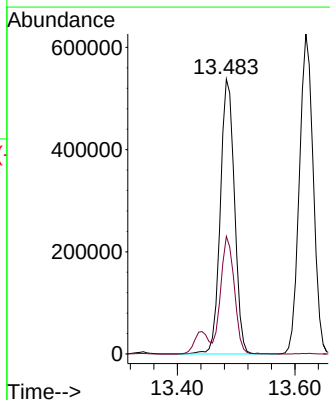
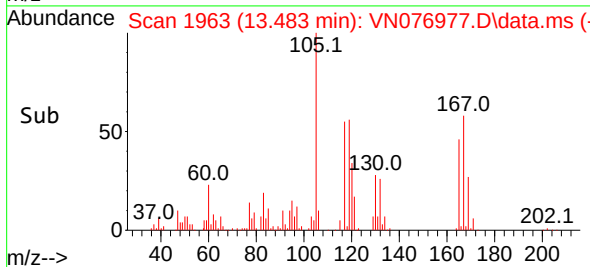
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

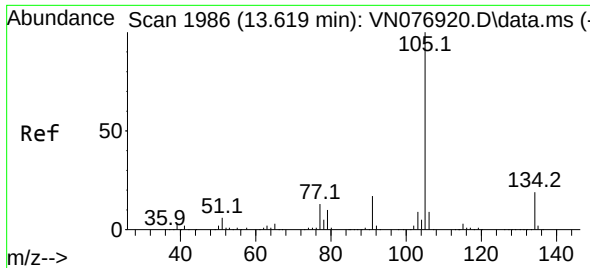


#84
1,2,4-Trimethylbenzene
Concen: 58.202 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



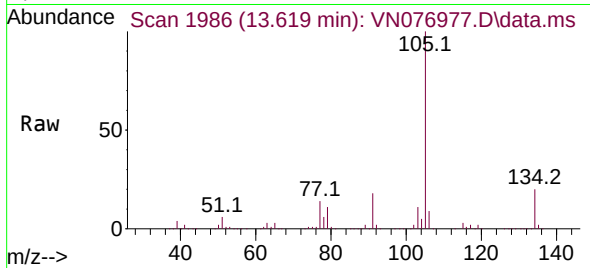
Tgt Ion:105 Resp: 898975
Ion Ratio Lower Upper
105 100
120 41.0 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 57.085 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33

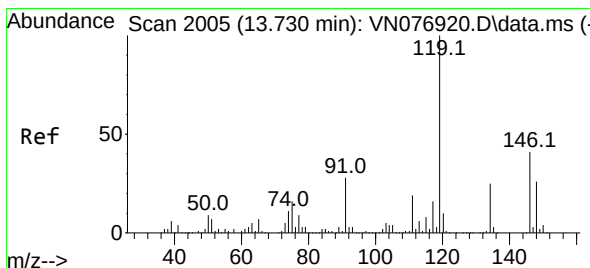
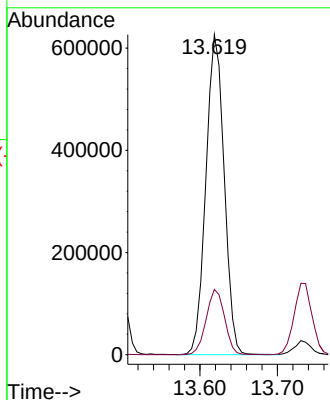
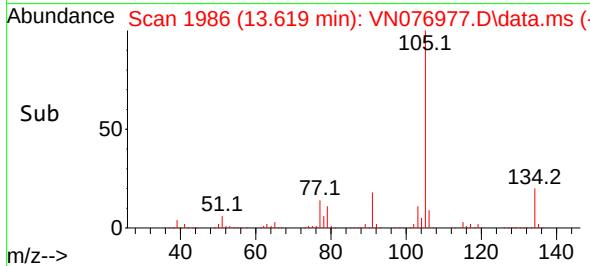
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



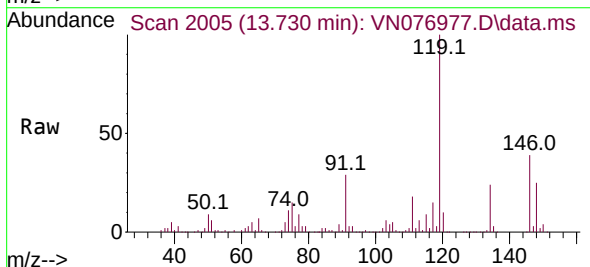
Tgt Ion:105 Resp: 102627
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2

Manual Integrations
 APPROVED

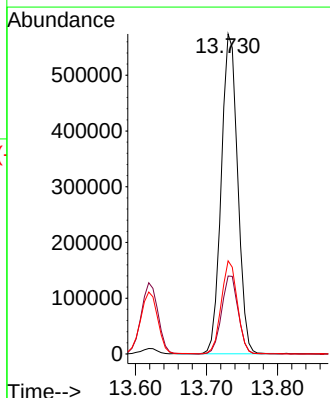
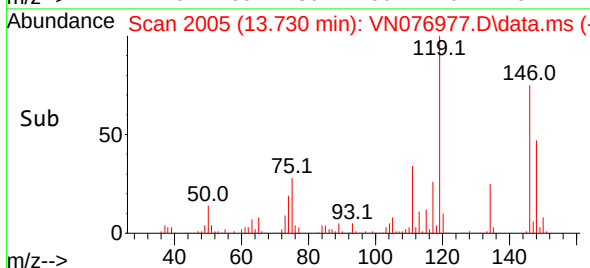
Reviewed By :John Carlone 03/15/2023
 Supervised By :Mahesh Dadoda 03/15/2023

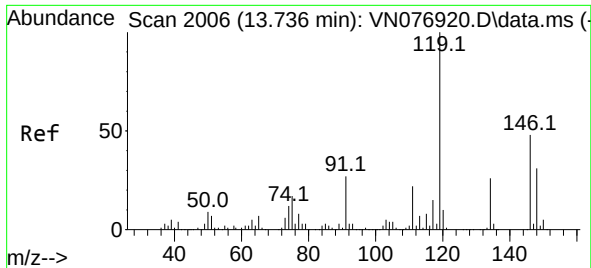


#86
 p-Isopropyltoluene
 Concen: 63.125 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076977.D
 Acq: 14 Mar 2023 12:33



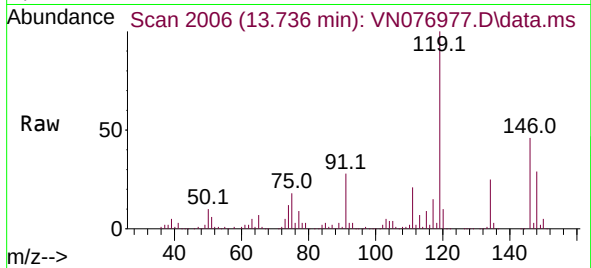
Tgt Ion:119 Resp: 916435
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.5 40.5
 91 28.3 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 58.160 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

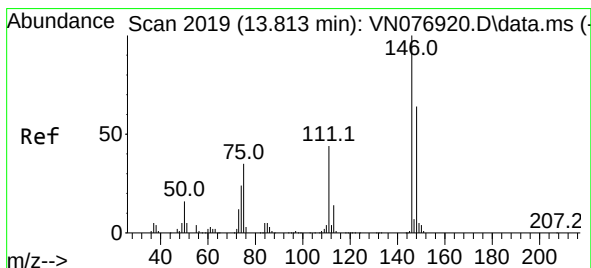
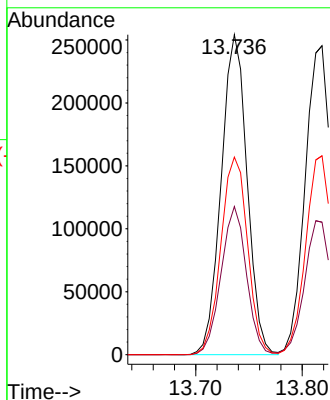
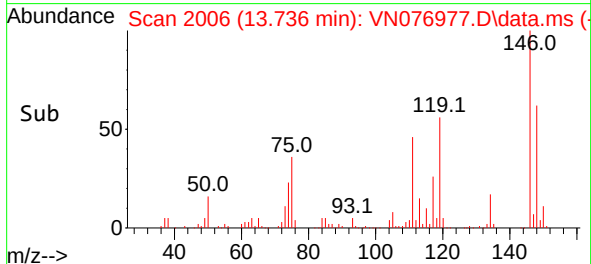
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



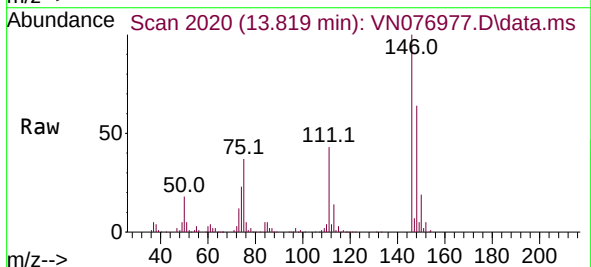
Tgt Ion:146 Resp: 429460
Ion Ratio Lower Upper
146 100
111 45.3 20.4 61.2
148 63.5 31.5 94.5

Manual Integrations
APPROVED

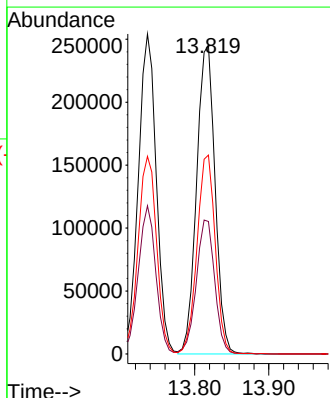
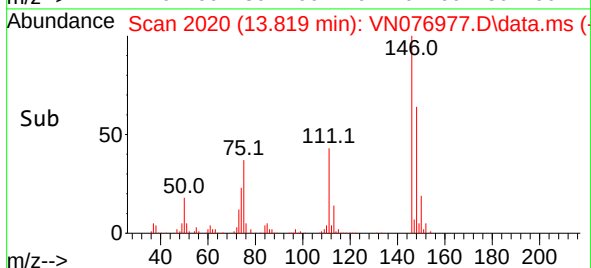
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023

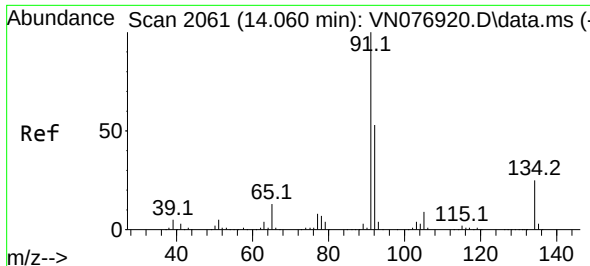


#88
1,4-Dichlorobenzene
Concen: 57.417 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33



Tgt Ion:146 Resp: 425306
Ion Ratio Lower Upper
146 100
111 43.5 20.0 60.0
148 63.5 31.8 95.4





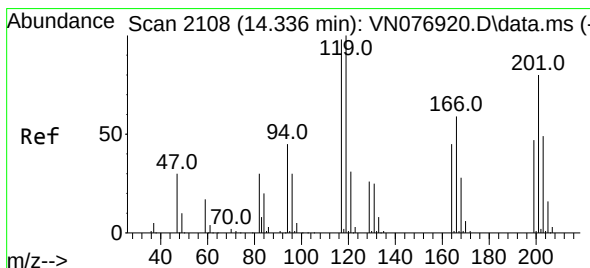
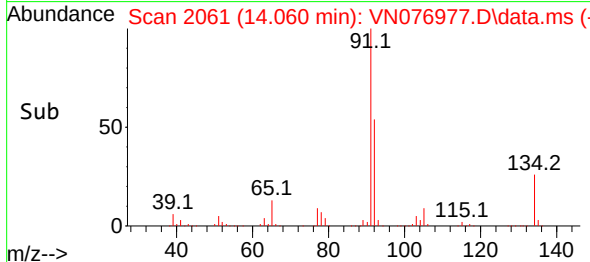
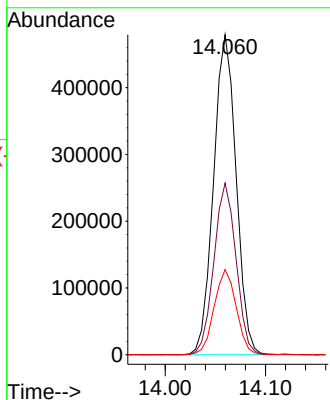
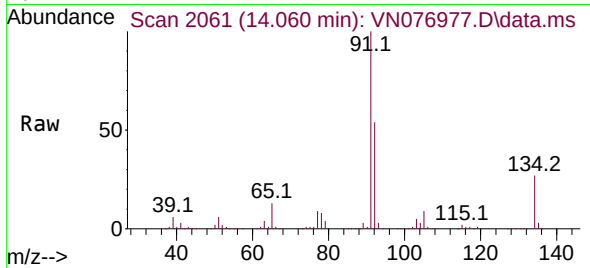
#89
n-Butylbenzene
Concen: 61.829 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 749044
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 26.0 13.6 40.7

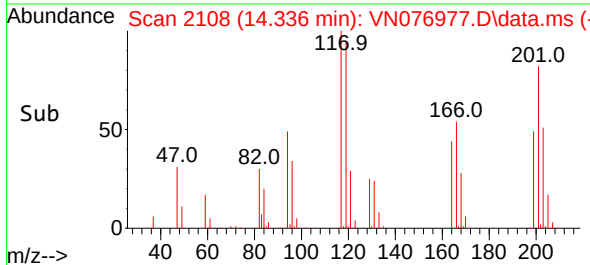
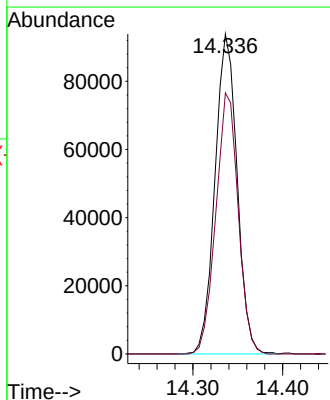
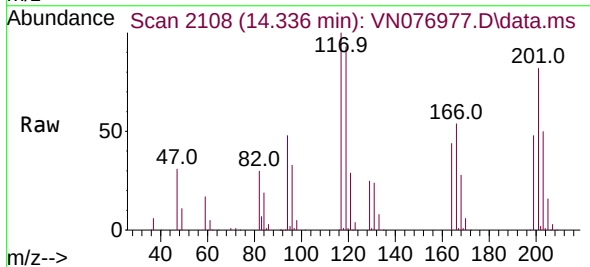
Manual Integrations
APPROVED

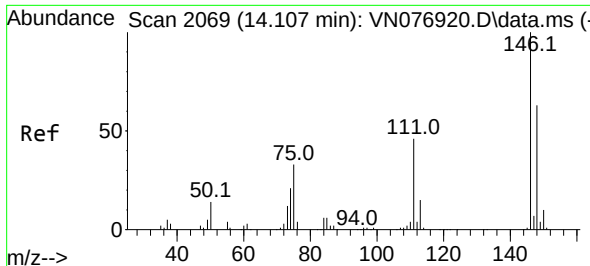
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#90
Hexachloroethane
Concen: 57.543 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

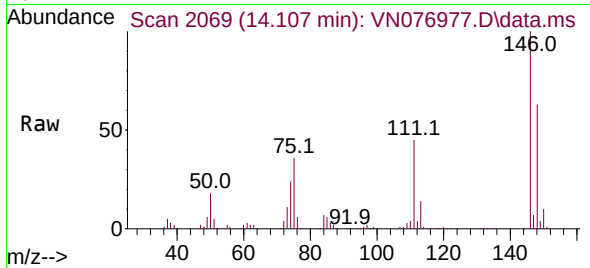
Tgt Ion:117 Resp: 160523
Ion Ratio Lower Upper
117 100
201 82.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 55.838 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

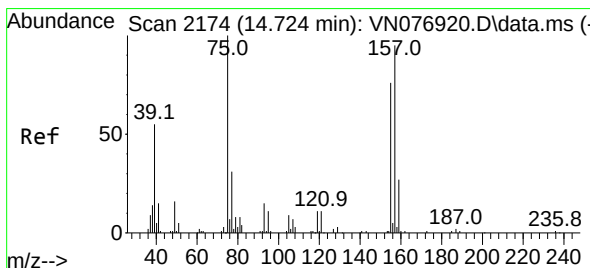
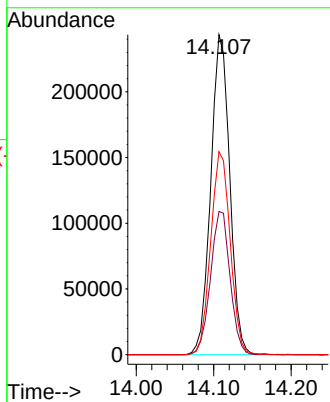
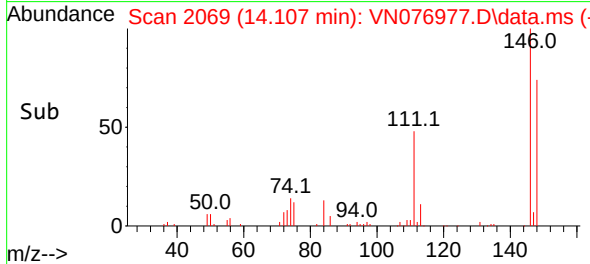
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 41420
Ion Ratio Lower Upper
146 100
111 46.1 21.4 64.2
148 65.3 32.0 96.0

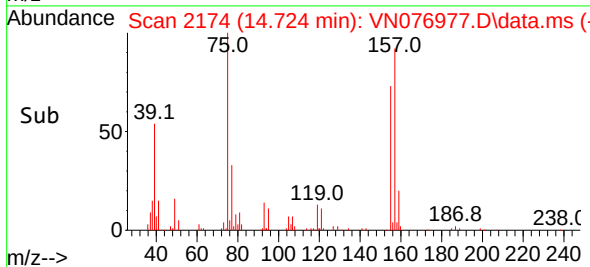
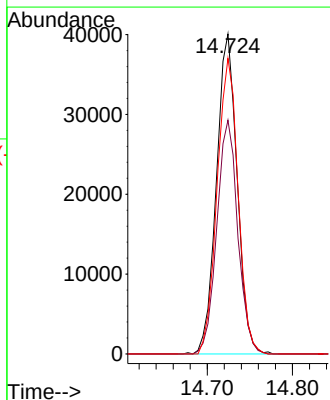
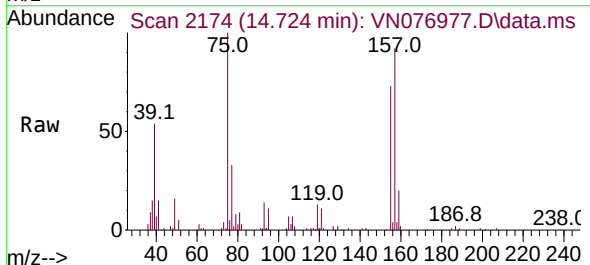
Manual Integrations
APPROVED

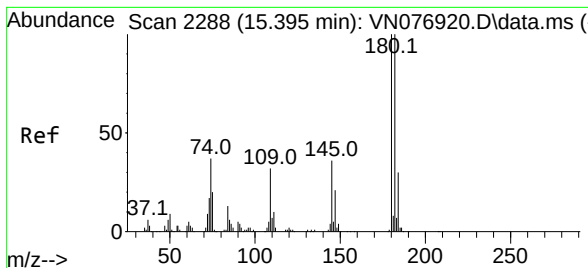
Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.517 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion: 75 Resp: 67720
Ion Ratio Lower Upper
75 100
155 74.0 44.3 132.8
157 93.5 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 64.204 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 264730

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

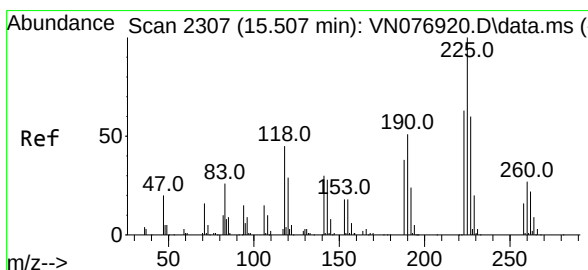
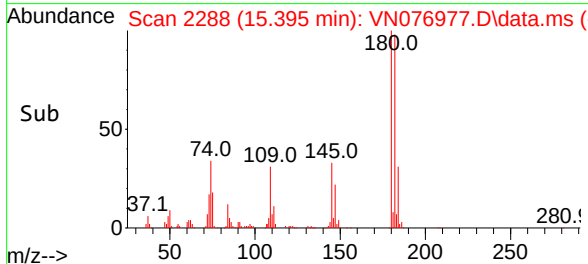
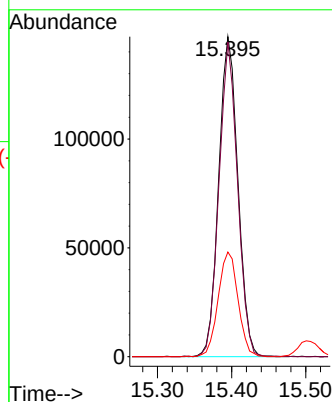
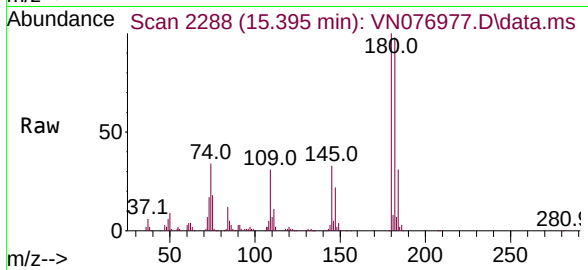
145 33.8 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2023

Supervised By :Mahesh Dadoda 03/15/2023



#94

Hexachlorobutadiene

Concen: 71.840 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076977.D

Acq: 14 Mar 2023 12:33

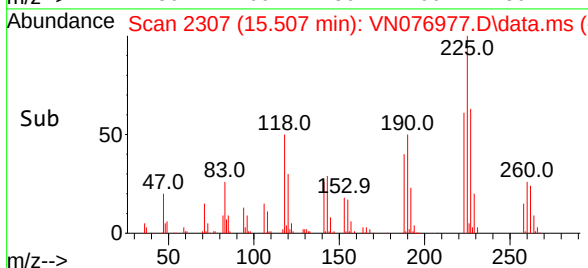
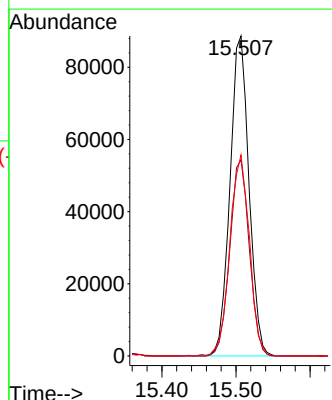
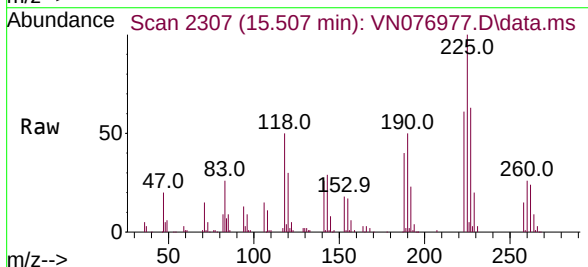
Tgt Ion:225 Resp: 157822

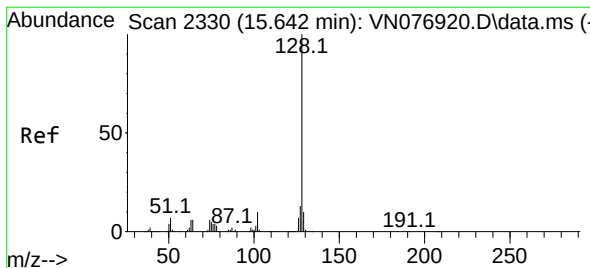
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.0

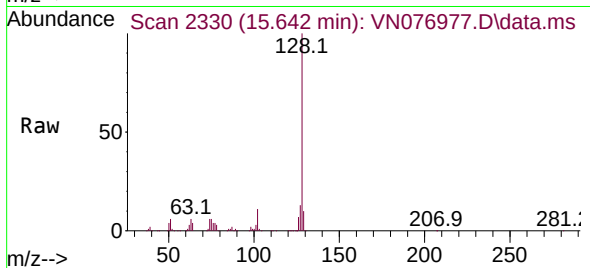
227 64.4 30.9 92.7





#95
Naphthalene
Concen: 59.620 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

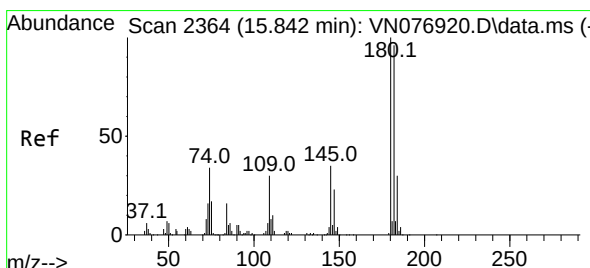
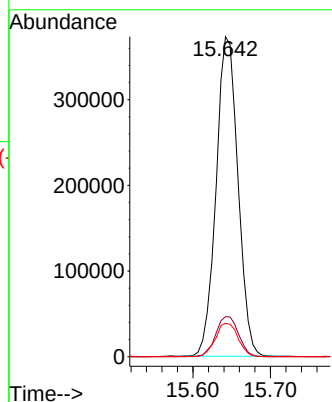
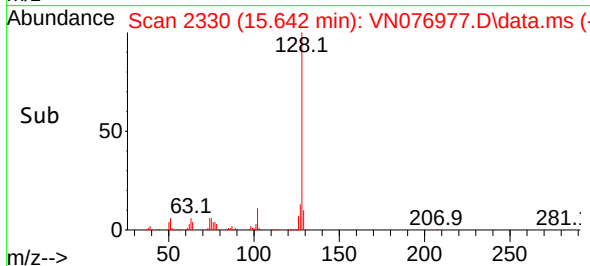
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 731909
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2023
Supervised By :Mahesh Dadoda 03/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 62.767 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076977.D
Acq: 14 Mar 2023 12:33

Tgt Ion:180 Resp: 251317
Ion Ratio Lower Upper
180 100
182 95.5 47.7 143.1
145 36.8 17.0 51.0

