

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077956.D
 Acq On : 27 May 2023 04:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 01:44:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	348151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	634503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275426	52.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	8.177	113	231938	56.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.120%			
50) Toluene-d8	10.571	98	854643	53.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.853	95	289465	51.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	179815	45.383	ug/l	97
3) Chloromethane	2.371	50	198405	47.126	ug/l	98
4) Vinyl Chloride	2.518	62	258351	51.717	ug/l	96
5) Bromomethane	2.948	94	188499	51.020	ug/l	96
6) Chloroethane	3.124	64	195206	54.222	ug/l	99
7) Trichlorofluoromethane	3.500	101	365438	52.492	ug/l	98
8) Diethyl Ether	3.965	74	133655	52.588	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	201373	52.268	ug/l	100
10) Methyl Iodide	4.595	142	274517	59.746	ug/l	97
11) Tert butyl alcohol	5.530	59	188732	262.520	ug/l	99
12) 1,1-Dichloroethene	4.347	96	192544	52.582	ug/l	84
13) Acrolein	4.189	56	111128	248.268	ug/l	97
14) Allyl chloride	5.030	41	249817	46.440	ug/l	91
15) Acrylonitrile	5.730	53	505948	263.420	ug/l	99
16) Acetone	4.436	43	415875	253.754	ug/l	93
17) Carbon Disulfide	4.724	76	465671	47.198	ug/l	99
18) Methyl Acetate	5.036	43	369063	53.679	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	705467	53.226	ug/l	97
20) Methylene Chloride	5.283	84	238975	56.270	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	216992	52.754	ug/l #	83
22) Diisopropyl ether	6.683	45	667017	52.901	ug/l	94
23) Vinyl Acetate	6.618	43	2005994	256.780	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	421575	54.575	ug/l	96
25) 2-Butanone	7.494	43	653305	254.827	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	233857	35.634	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	267510	54.240	ug/l	95
28) Bromochloromethane	7.824	49	162787	48.727	ug/l	90
29) Tetrahydrofuran	7.847	42	431048	256.774	ug/l	85
30) Chloroform	7.977	83	458316	53.936	ug/l	91
31) Cyclohexane	8.265	56	348736	49.256	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	406173	56.222	ug/l	97
36) 1,1-Dichloropropene	8.377	75	332662	54.969	ug/l	97
37) Ethyl Acetate	7.571	43	270937	50.229	ug/l #	95
38) Carbon Tetrachloride	8.371	117	351582	57.533	ug/l	97
39) Methylcyclohexane	9.606	83	364853	49.245	ug/l	94
40) Benzene	8.612	78	1011164	56.621	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	142757	49.696	ug/l	94
42) 1,2-Dichloroethane	8.677	62	353419	54.479	ug/l	97
43) Isopropyl Acetate	8.694	43	483562	54.885	ug/l #	95
44) Trichloroethene	9.359	130	249936	55.272	ug/l	97
45) 1,2-Dichloropropane	9.629	63	261238	57.349	ug/l	98
46) Dibromomethane	9.718	93	179955	55.208	ug/l	95
47) Bromodichloromethane	9.894	83	366380	58.711	ug/l	95
48) Methyl methacrylate	9.688	41	223813	53.579	ug/l	89
49) 1,4-Dioxane	9.700	88	93595	1186.295	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1437569	274.498	ug/l	93
52) Toluene	10.635	92	633176	56.951	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	352066	53.275	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	384738	52.830	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	250019	56.636	ug/l	95
56) Ethyl methacrylate	10.882	69	370098	55.448	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	425499	56.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	736708	224.355	ug/l	93
59) 2-Hexanone	11.200	43	1026965	265.115	ug/l	93
60) Dibromochloromethane	11.365	129	269873	59.218	ug/l	98
61) 1,2-Dibromoethane	11.476	107	256828	58.318	ug/l	97
64) Tetrachloroethene	11.112	164	214330	53.708	ug/l	97
65) Chlorobenzene	11.900	112	678709	54.863	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	255971	59.799	ug/l	98
67) Ethyl Benzene	11.970	91	1233450	55.638	ug/l	97
68) m/p-Xylenes	12.076	106	937465	111.601	ug/l	98
69) o-Xylene	12.406	106	466851	56.512	ug/l	98
70) Styrene	12.418	104	744185	56.707	ug/l	99
71) Bromoform	12.588	173	171650	60.280	ug/l #	99
73) Isopropylbenzene	12.706	105	1188348	56.914	ug/l	100
74) N-amyl acetate	12.500	43	383724	49.720	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	354518	55.192	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	301377m	49.682	ug/l	
77) Bromobenzene	12.988	156	261519	54.885	ug/l	99
78) n-propylbenzene	13.041	91	1338587	54.379	ug/l	99
79) 2-Chlorotoluene	13.129	91	811437	55.242	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	983405	56.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	88978	46.887	ug/l	90
82) 4-Chlorotoluene	13.229	91	769984	52.686	ug/l	97
83) tert-Butylbenzene	13.447	119	835941	54.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	978524	56.697	ug/l	100
85) sec-Butylbenzene	13.623	105	1131010	51.948	ug/l	100
86) p-Isopropyltoluene	13.735	119	939906	54.150	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467547	53.058	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	443217	50.686	ug/l	99
89) n-Butylbenzene	14.064	91	732149	45.860	ug/l	98
90) Hexachloroethane	14.341	117	162666	57.047	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	461773	56.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59148	47.562	ug/l	100
93) 1,2,4-Trichlorobenzene	15.400	180	184166	38.283	ug/l	98
94) Hexachlorobutadiene	15.511	225	77014	38.558	ug/l	98
95) Naphthalene	15.653	128	600389	36.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	190560	40.458	ug/l	97

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

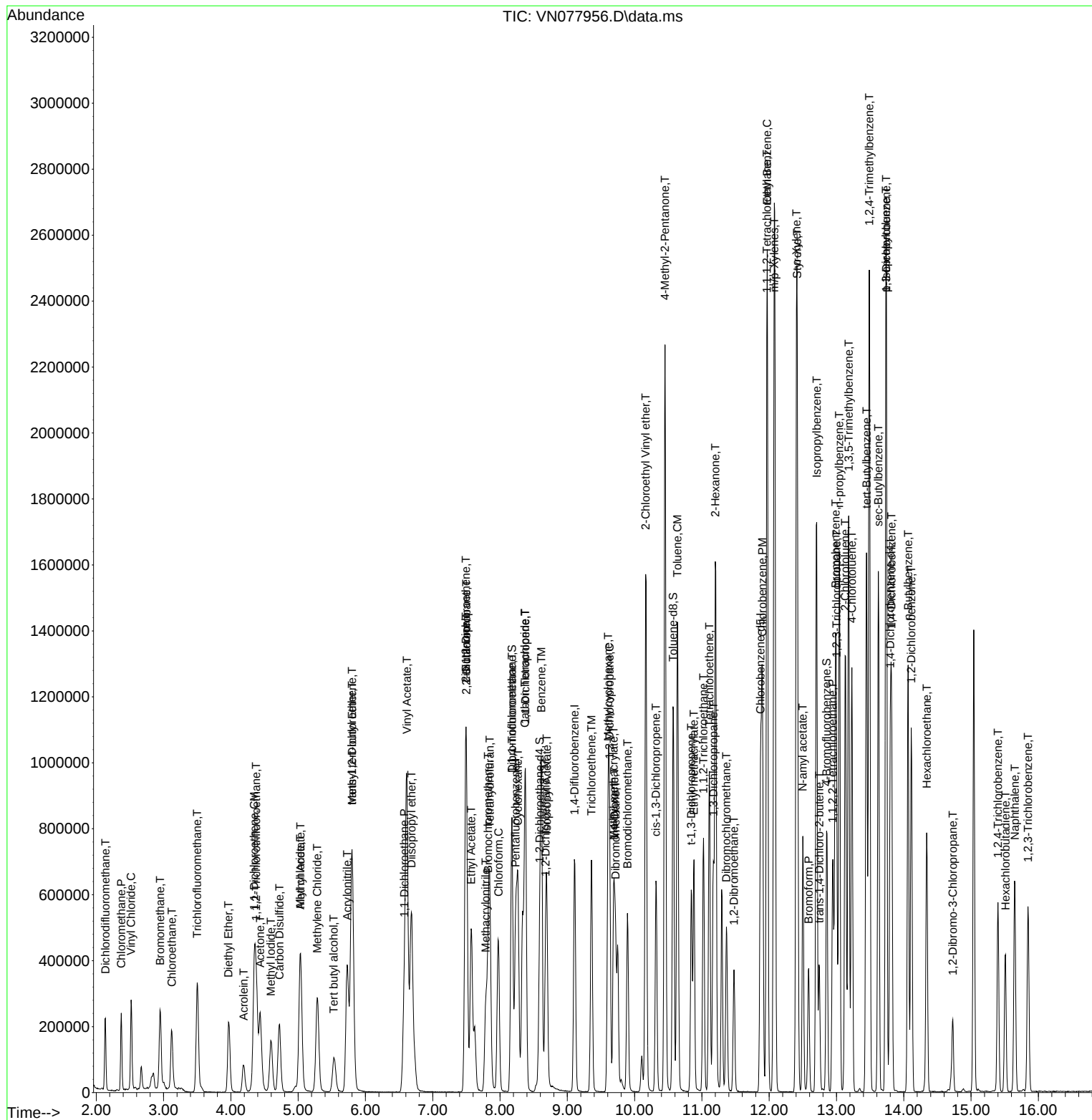
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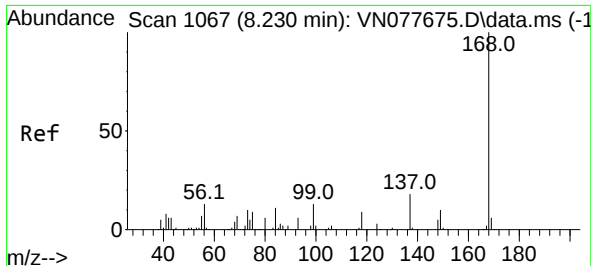
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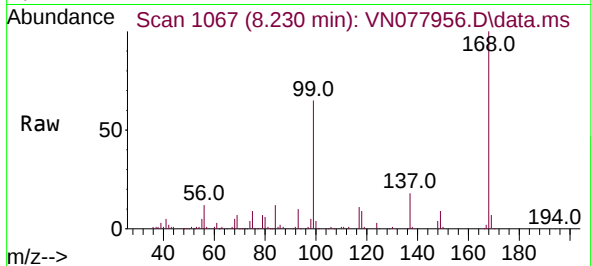
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077956.D
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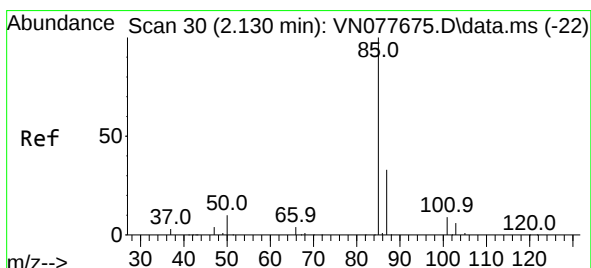
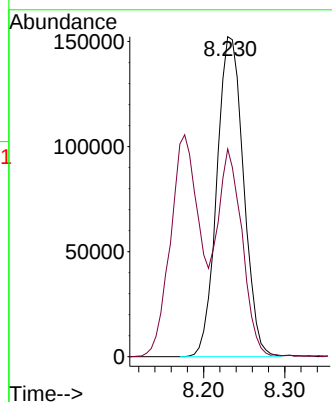
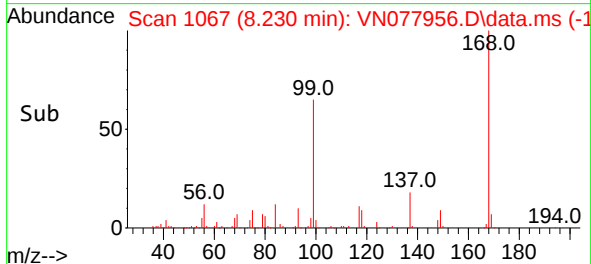
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



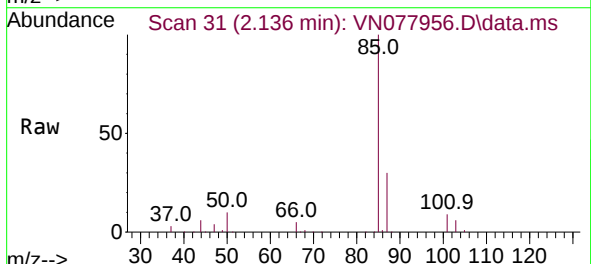
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Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6

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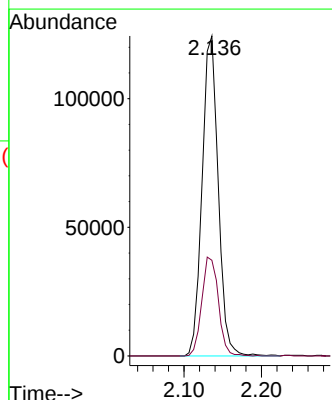
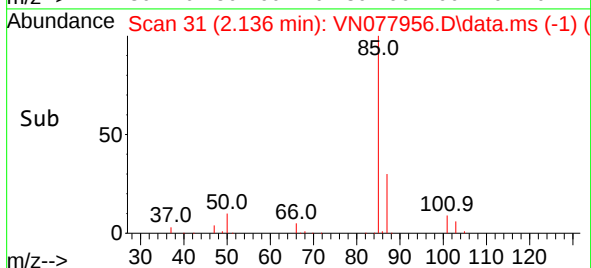
Reviewed By :John Carlone 05/30/2023
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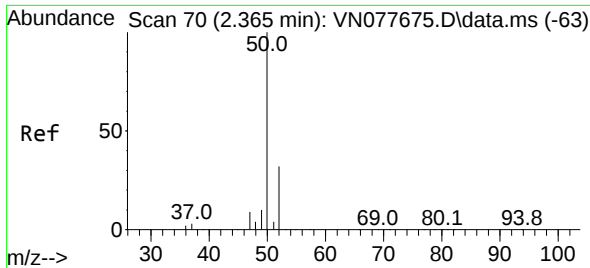


#2
Dichlorodifluoromethane
Concen: 45.383 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



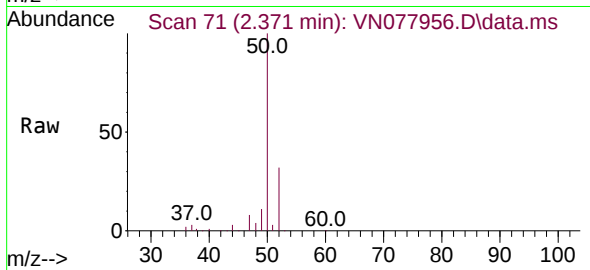
Tgt Ion: 85 Resp: 179815
Ion Ratio Lower Upper
85 100
87 29.9 15.8 47.4





#3
Chloromethane
Concen: 47.126 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

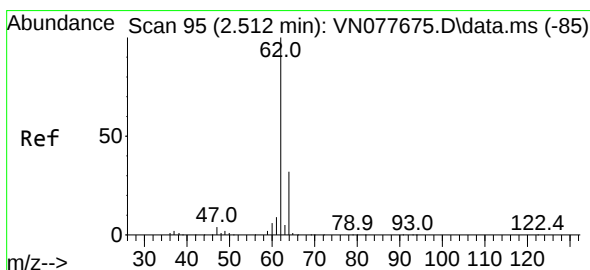
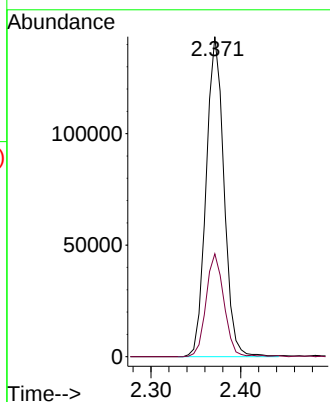
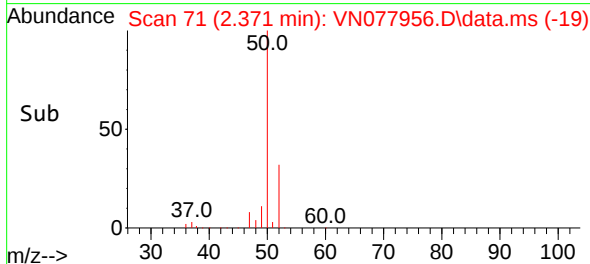
Instrument :
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Tgt Ion: 50 Resp: 198409
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

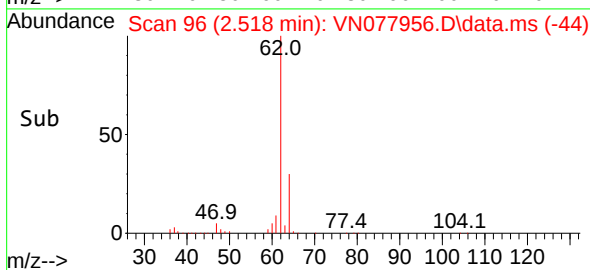
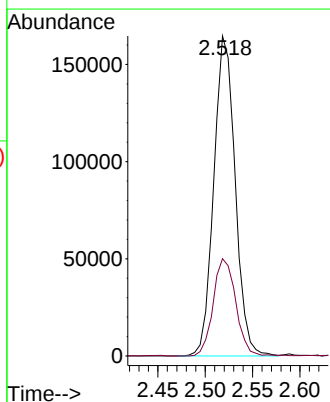
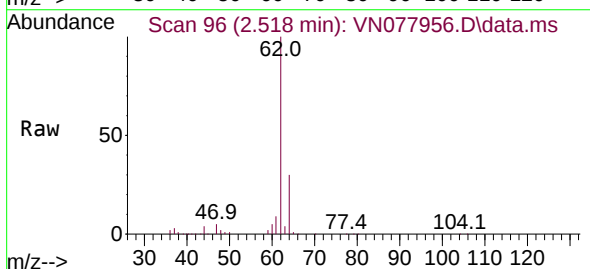
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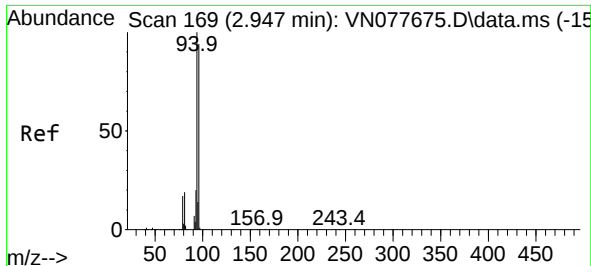
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 51.717 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

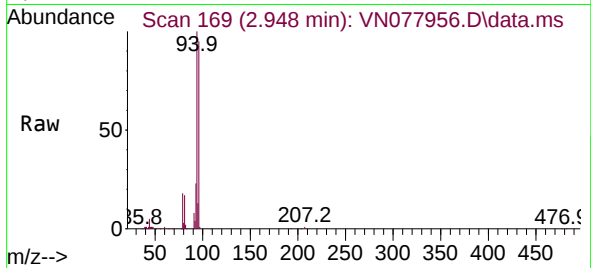
Tgt Ion: 62 Resp: 258351
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2





#5
Bromomethane
Concen: 51.020 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

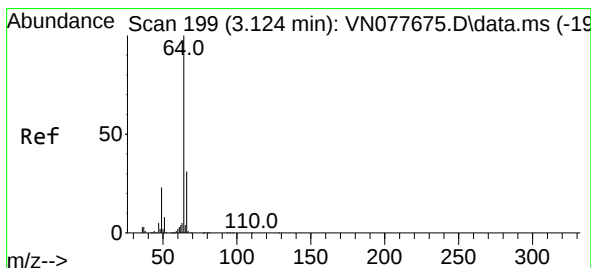
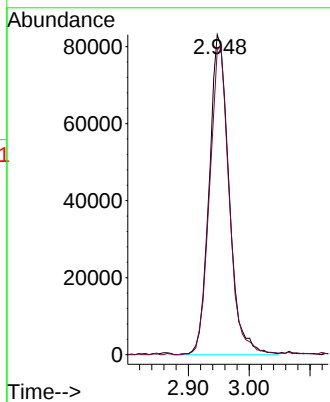
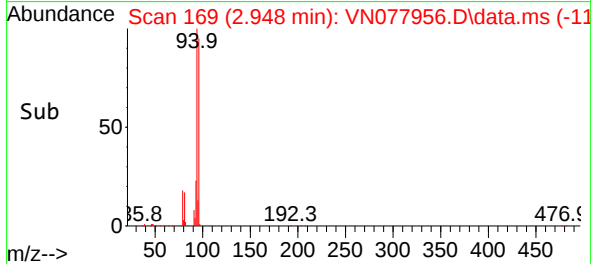
Instrument :
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Tgt Ion: 94 Resp: 188499
Ion Ratio Lower Upper
94 100
96 95.2 73.1 109.7

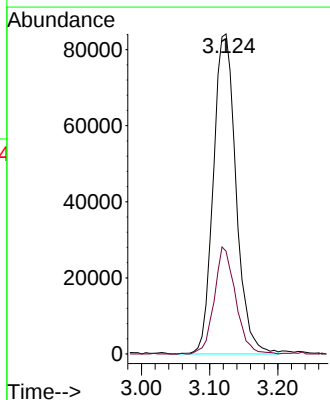
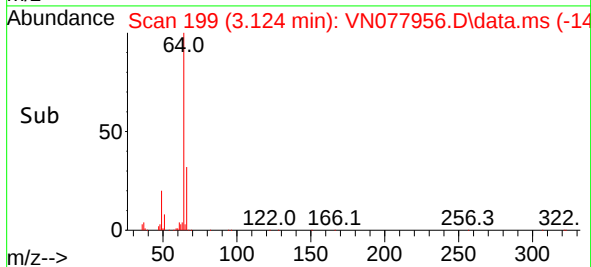
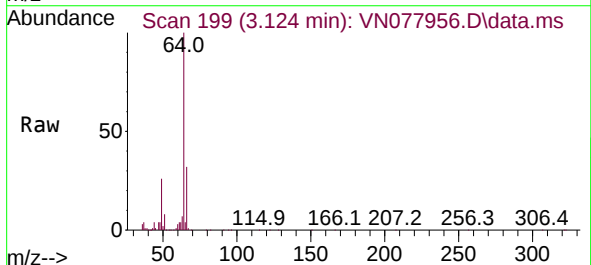
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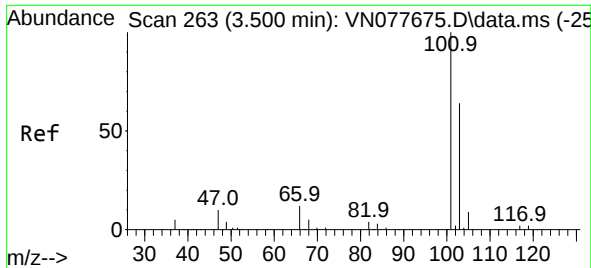
Reviewed By :John Carlone 05/30/2023
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#6
Chloroethane
Concen: 54.222 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077956.D
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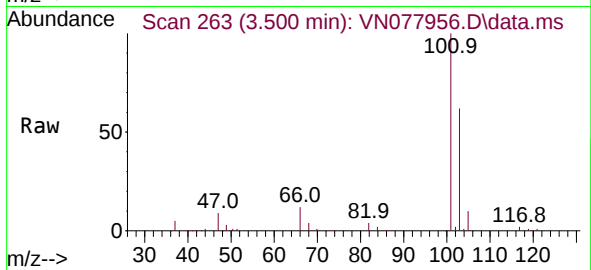
Tgt Ion: 64 Resp: 195206
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 52.492 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

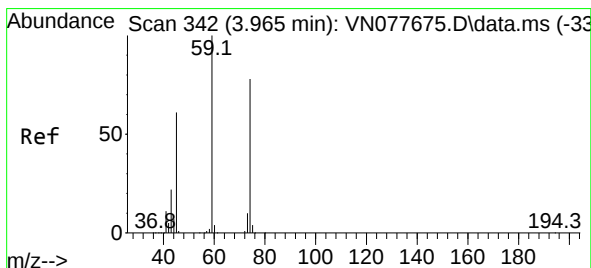
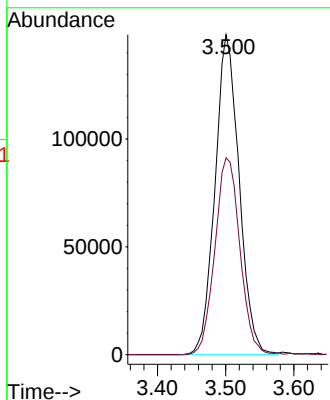
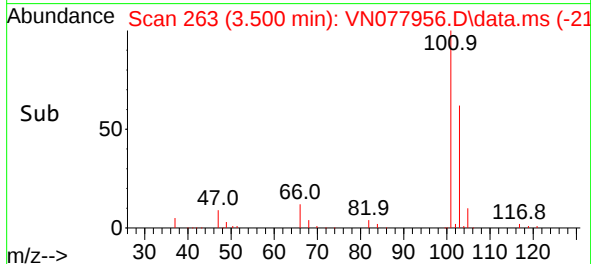
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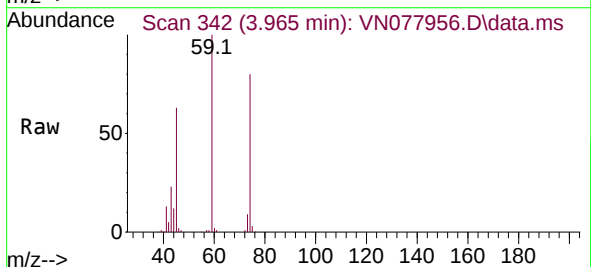
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 Ion Ratio Lower Upper
 101 100
 103 61.5 50.7 76.1

Manual Integrations
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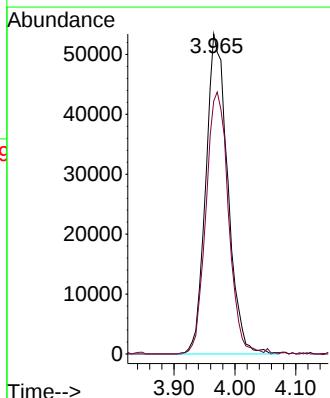
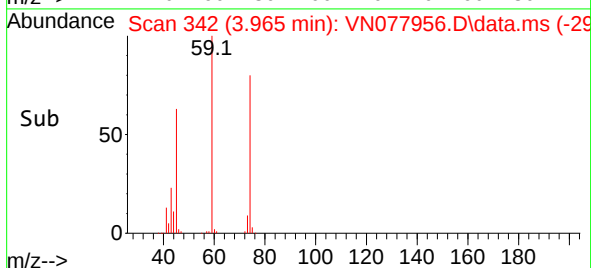
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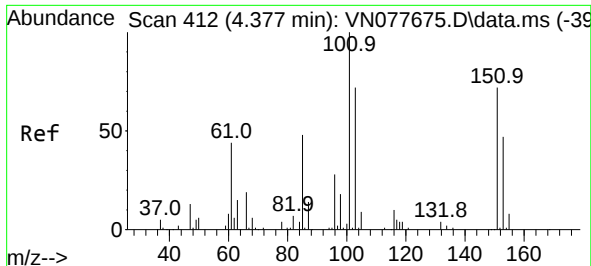


#8
 Diethyl Ether
 Concen: 52.588 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51



Tgt Ion: 74 Resp: 133655
 Ion Ratio Lower Upper
 74 100
 45 84.0 34.4 103.3





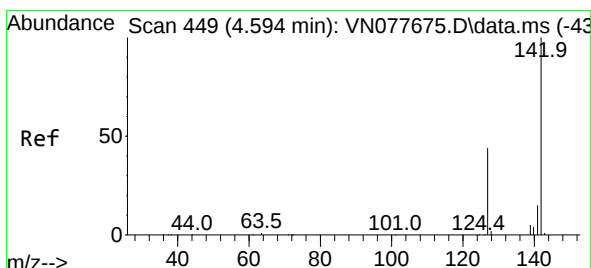
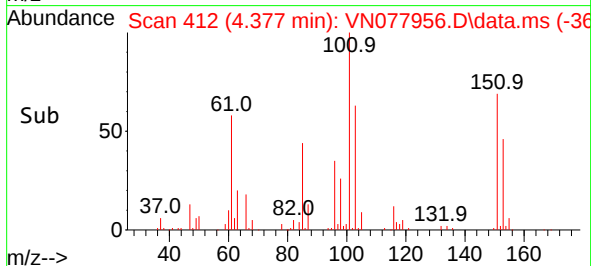
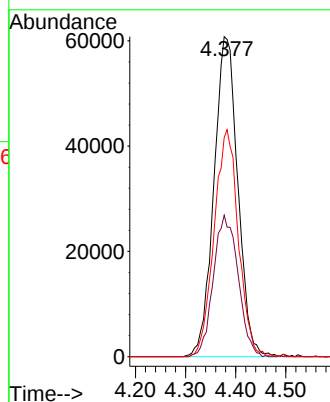
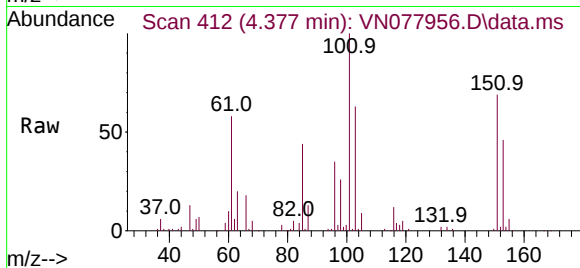
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.268 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20137
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 71.8 57.6 86.4

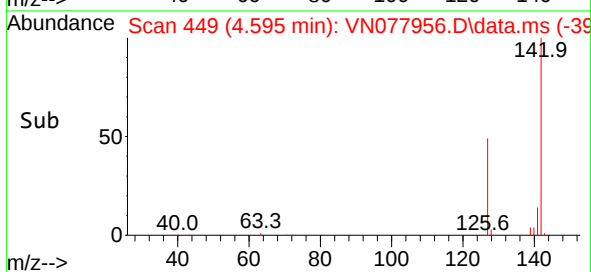
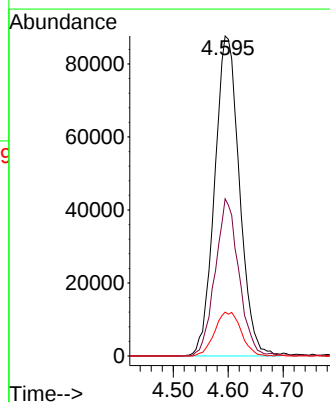
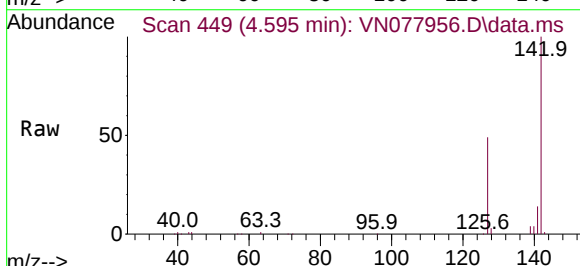
Manual Integrations
APPROVED

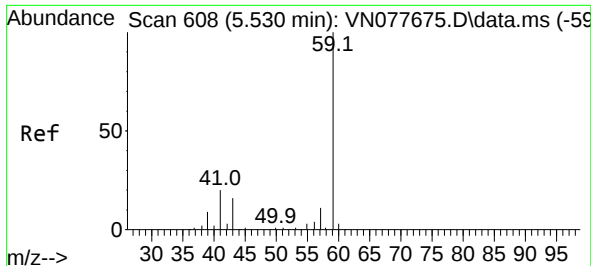
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 59.746 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

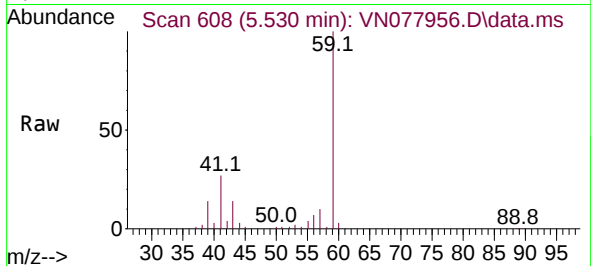
Tgt Ion:142 Resp: 274517
Ion Ratio Lower Upper
142 100
127 49.1 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 262.520 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

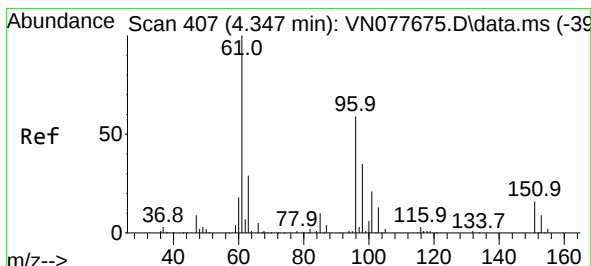
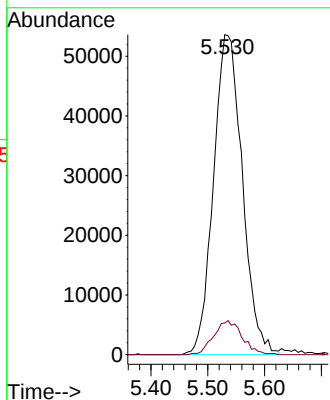
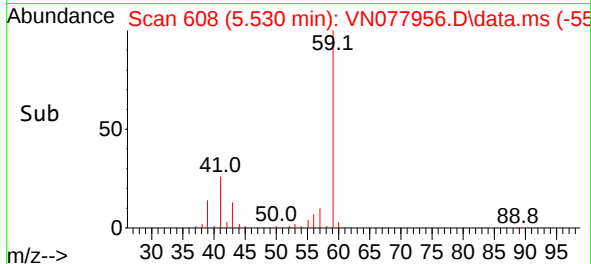
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



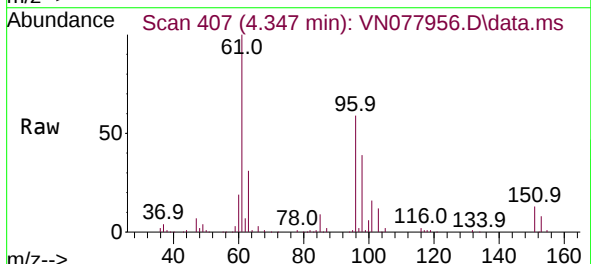
Tgt Ion: 59 Resp: 188732
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

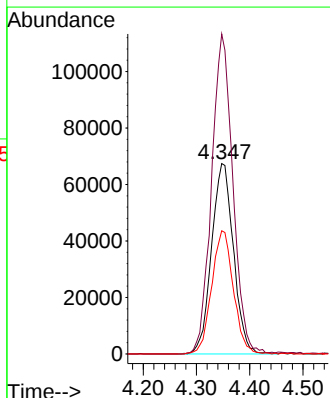
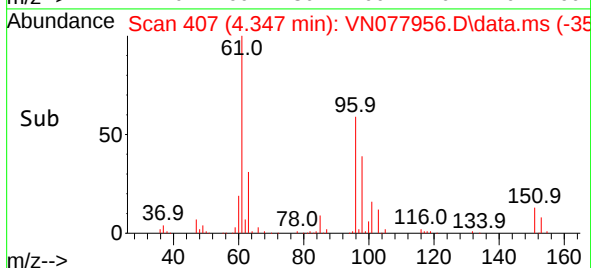
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

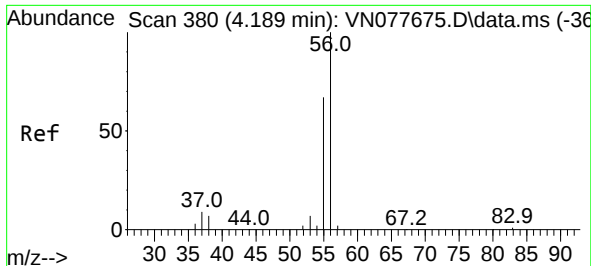


#12
1,1-Dichloroethene
Concen: 52.582 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



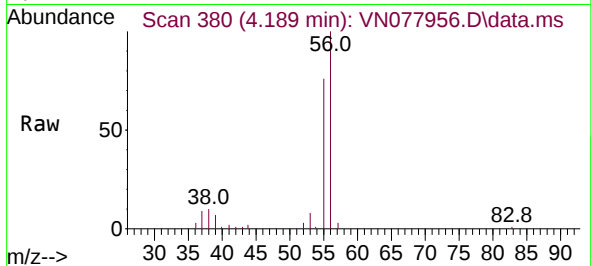
Tgt Ion: 96 Resp: 192544
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 64.7 51.2 76.8





#13
Acrolein
Concen: 248.268 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

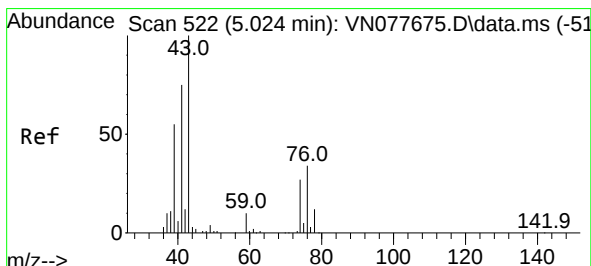
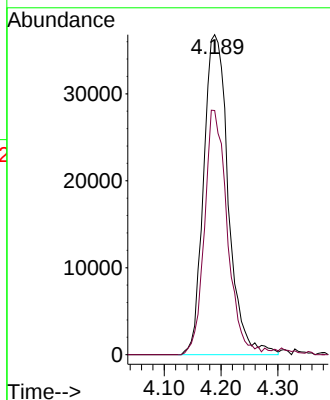
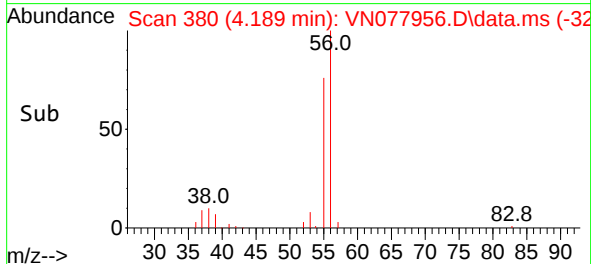
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 111128
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

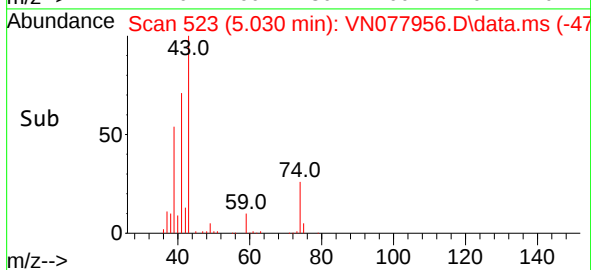
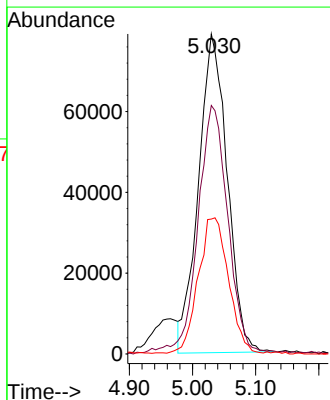
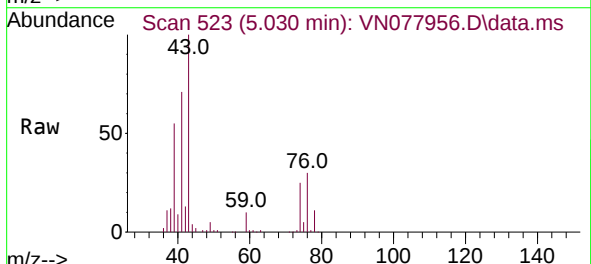
Manual Integrations
APPROVED

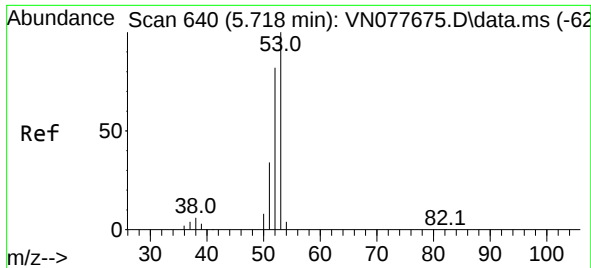
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 46.440 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

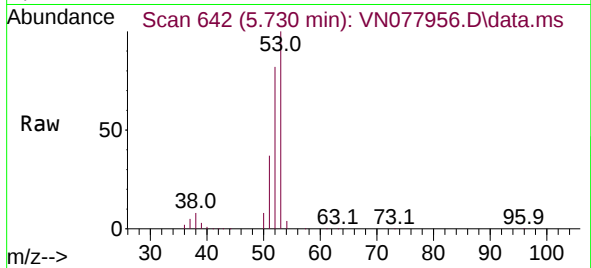
Tgt Ion: 41 Resp: 249817
Ion Ratio Lower Upper
41 100
39 82.0 58.8 88.2
76 44.7 39.1 58.7





#15
Acrylonitrile
Concen: 263.420 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

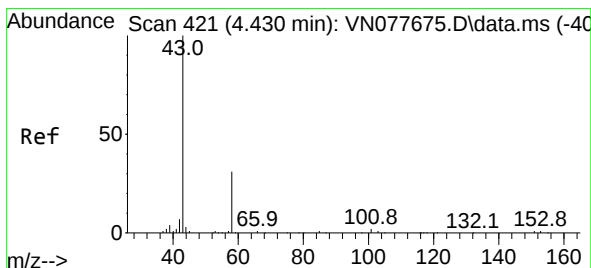
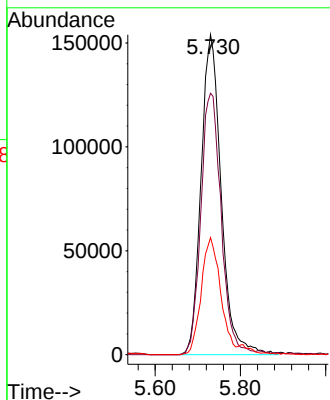
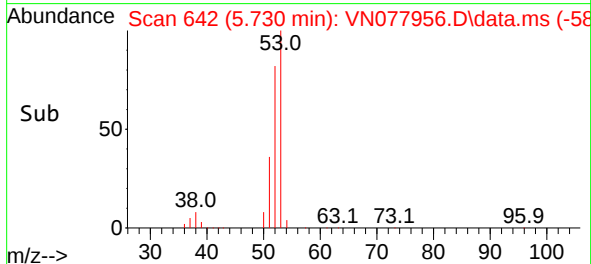
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 505948
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.1 28.9 43.3

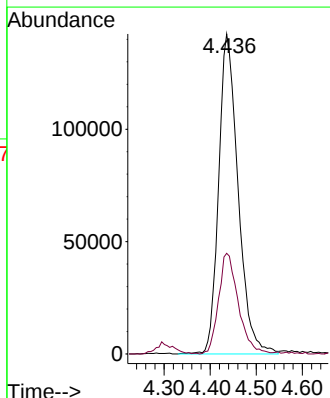
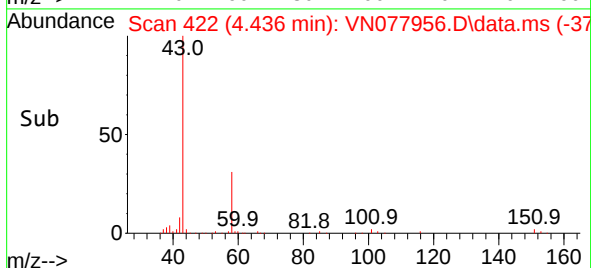
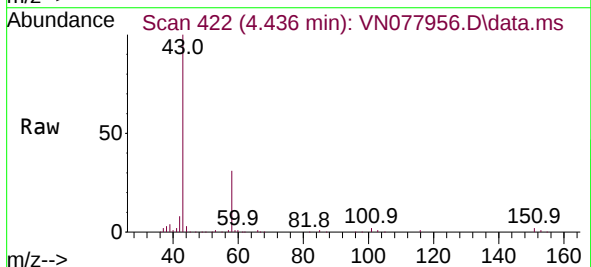
Manual Integrations
APPROVED

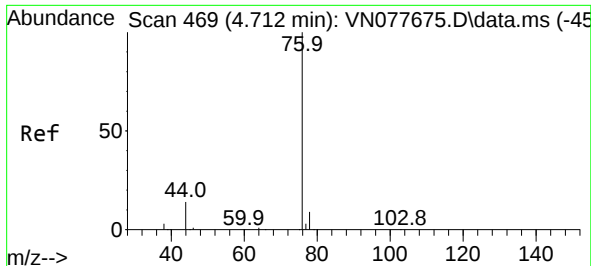
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 253.754 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

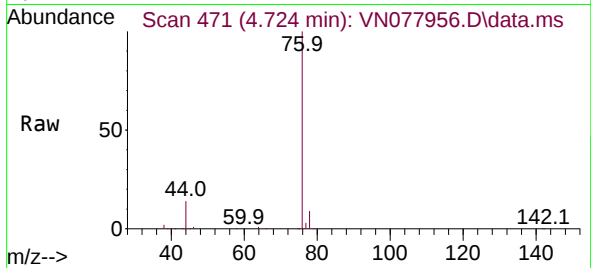
Tgt Ion: 43 Resp: 415875
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





#17
Carbon Disulfide
Concen: 47.198 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

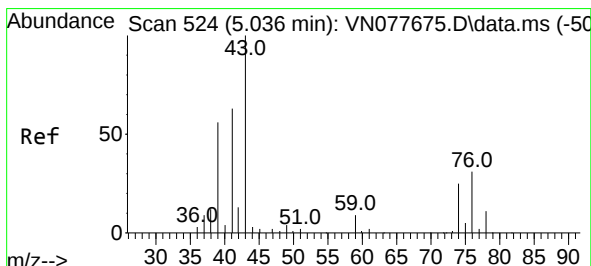
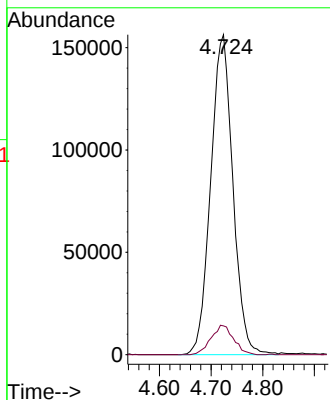
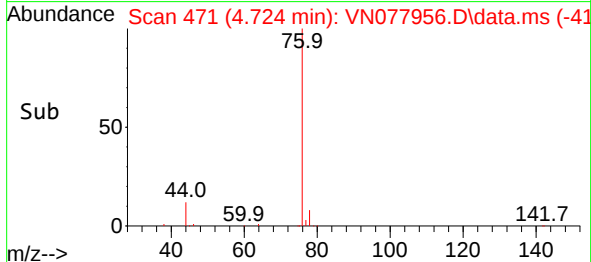
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 46567
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

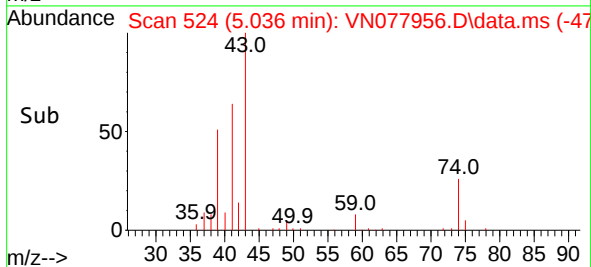
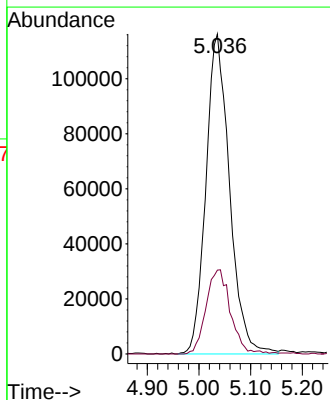
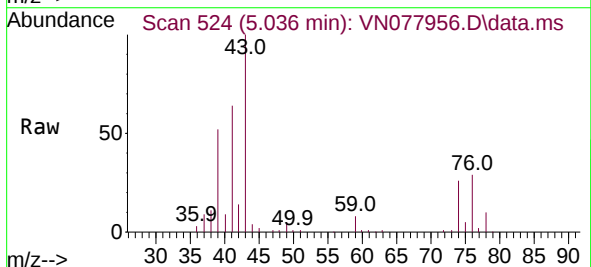
Manual Integrations
APPROVED

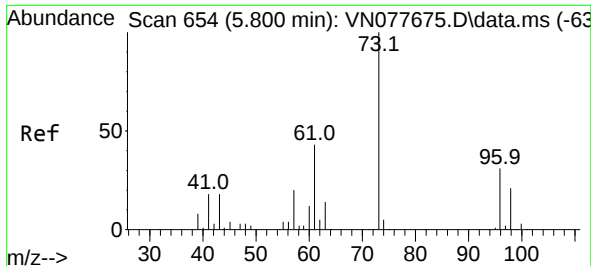
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 53.679 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

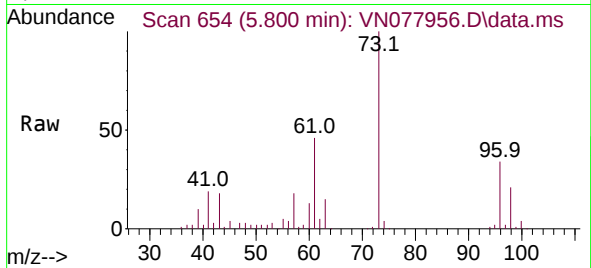
Tgt Ion: 43 Resp: 369063
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 53.226 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

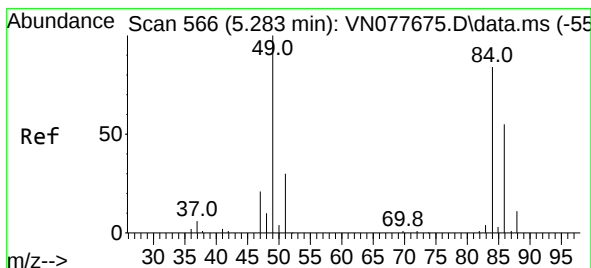
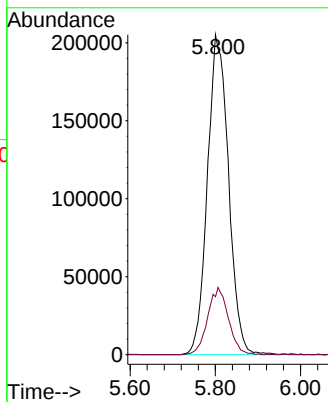
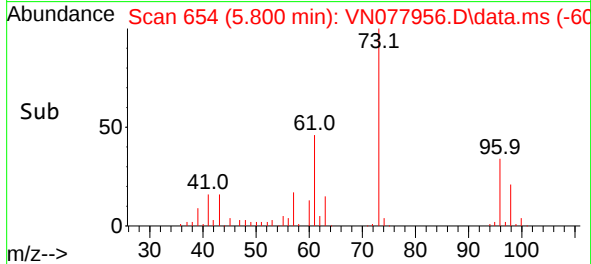
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 70546
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4

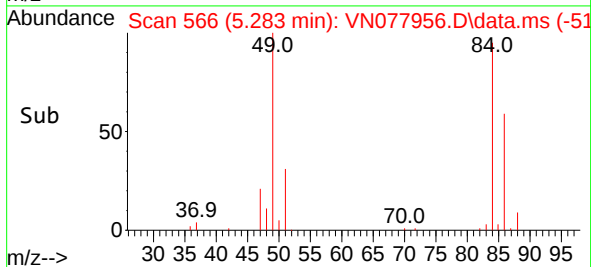
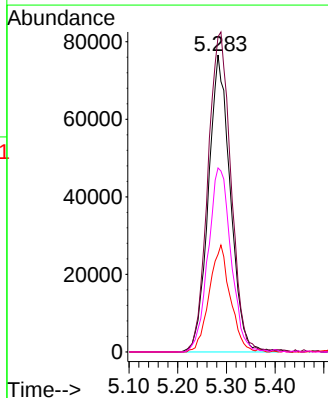
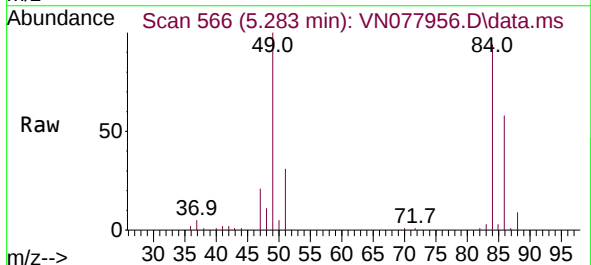
Manual Integrations
APPROVED

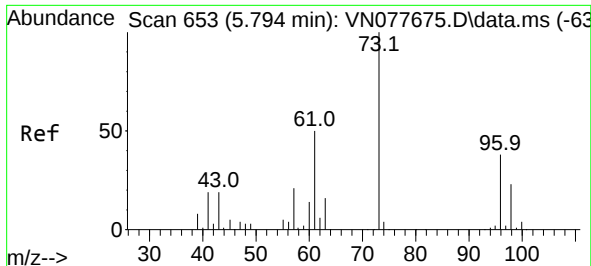
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 56.270 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

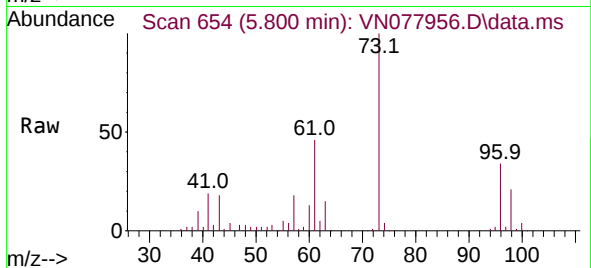
Tgt Ion: 84 Resp: 238975
Ion Ratio Lower Upper
84 100
49 106.2 79.7 119.5
51 32.9 25.2 37.8
86 62.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.754 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

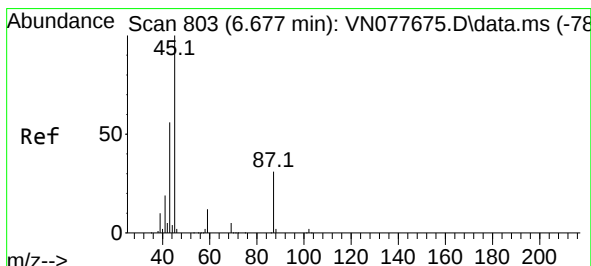
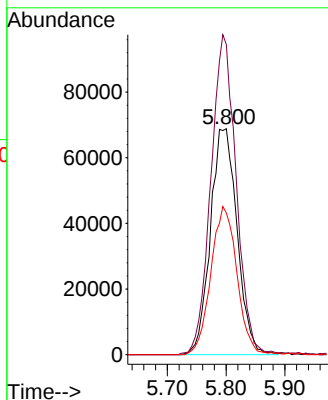
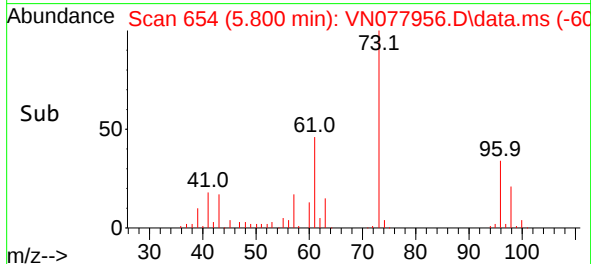
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 216992
Ion Ratio Lower Upper
96 100
61 137.2 90.1 135.1
98 62.7 46.4 69.6

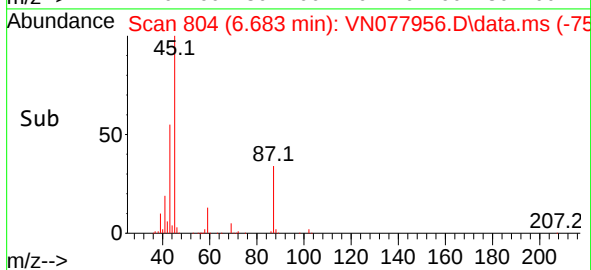
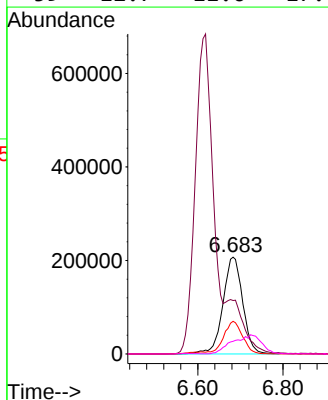
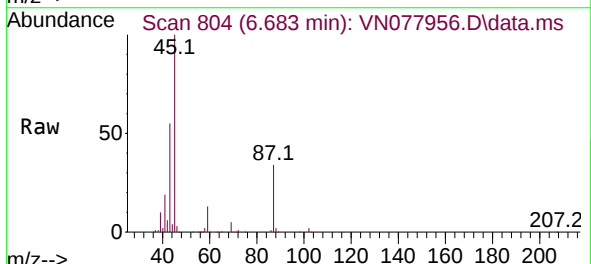
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 52.901 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

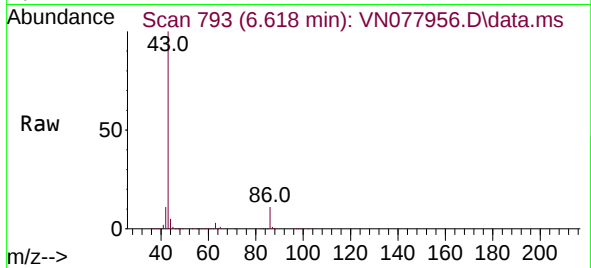
Tgt Ion: 45 Resp: 667017
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 33.5 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 256.780 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.012 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

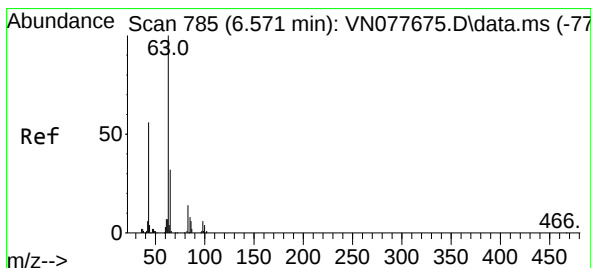
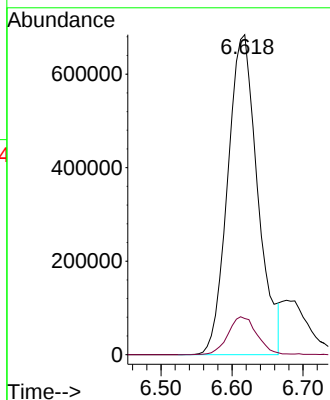
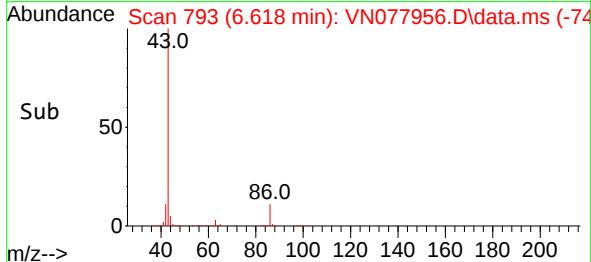
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2005994
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

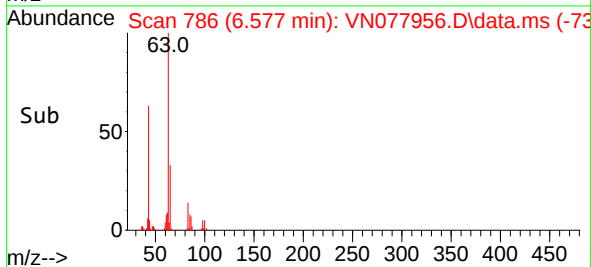
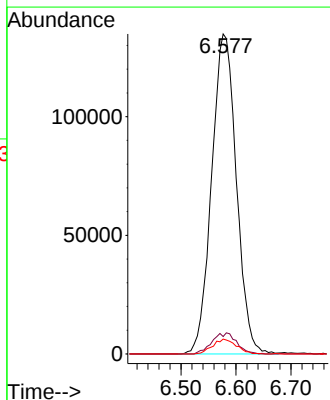
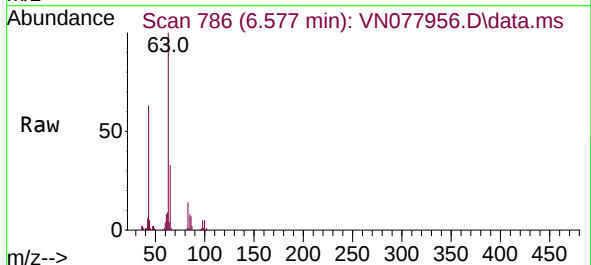
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 54.575 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

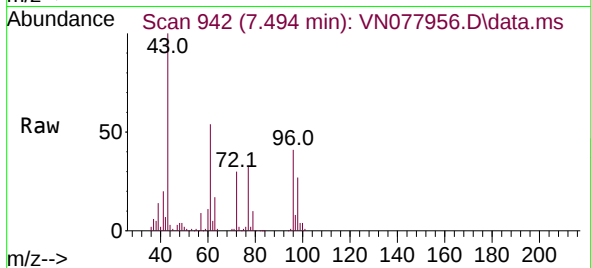
Tgt Ion: 63 Resp: 421575
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 254.827 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

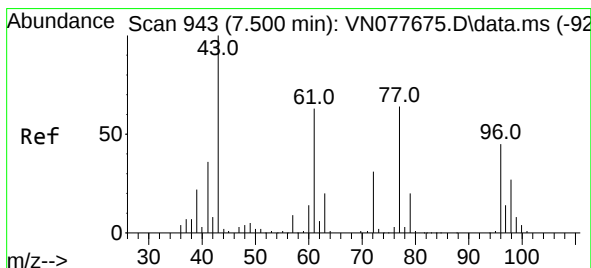
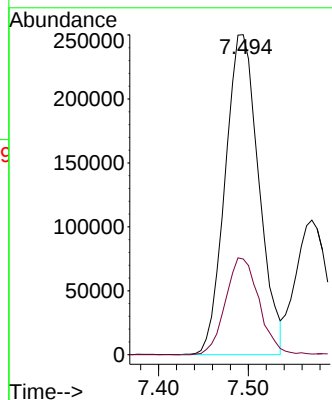
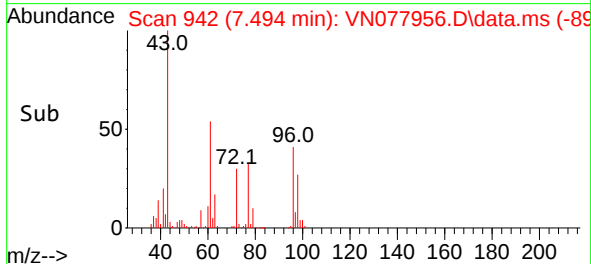
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65330
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2

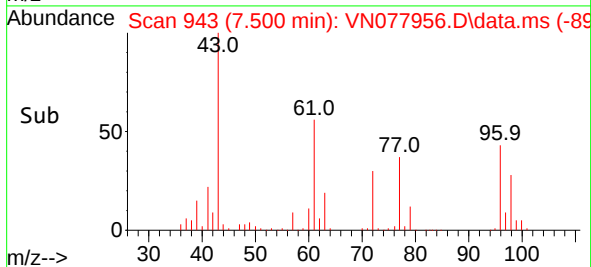
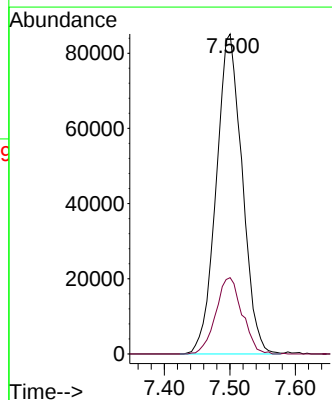
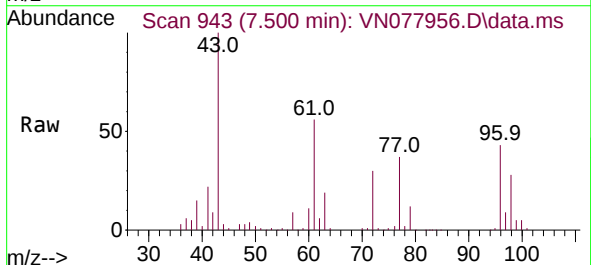
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 35.634 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

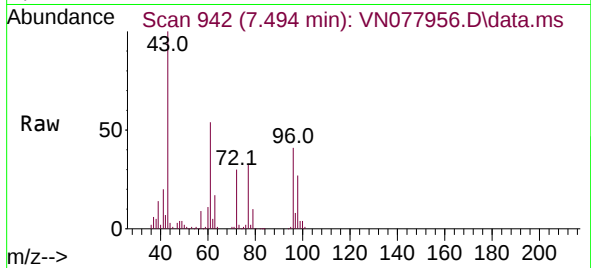
Tgt Ion: 77 Resp: 233857
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.240 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

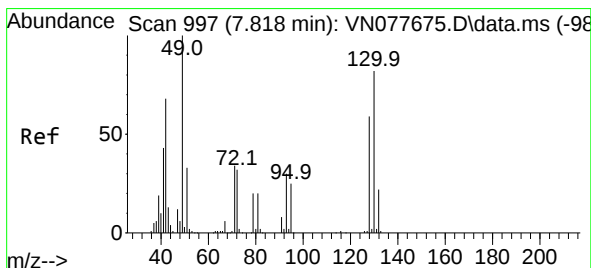
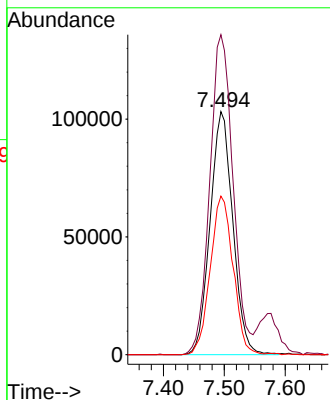
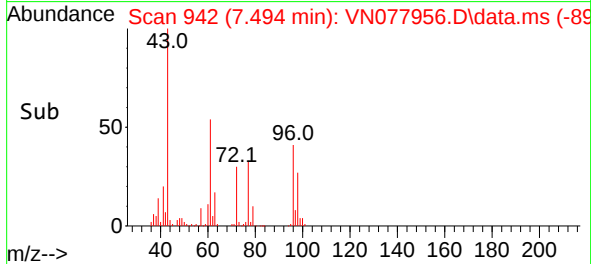
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 267510
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 255.2
 98 65.4 0.0 128.8

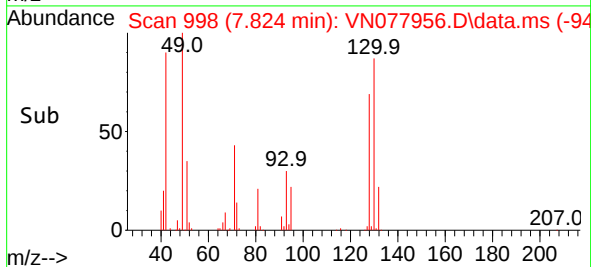
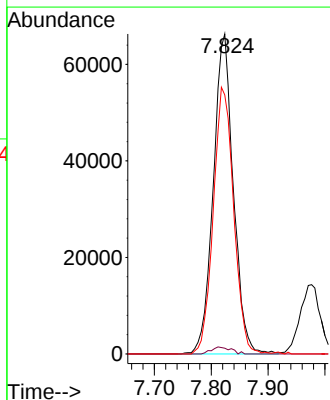
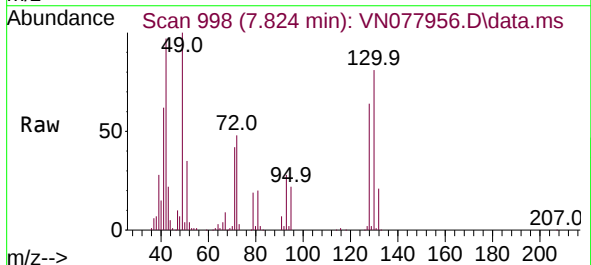
Manual Integrations
 APPROVED

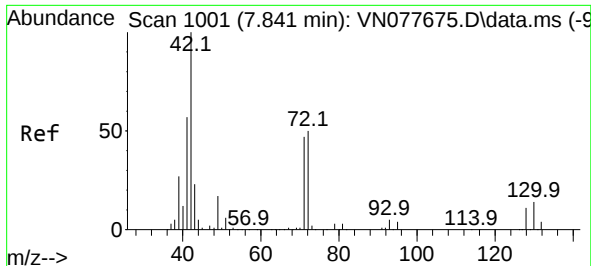
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#28
 Bromochloromethane
 Concen: 48.727 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

Tgt Ion: 49 Resp: 162787
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 84.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 256.774 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 431048

Ion Ratio Lower Upper

42 100

72 50.9 49.8 74.6

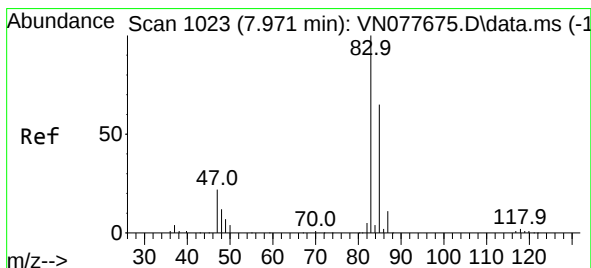
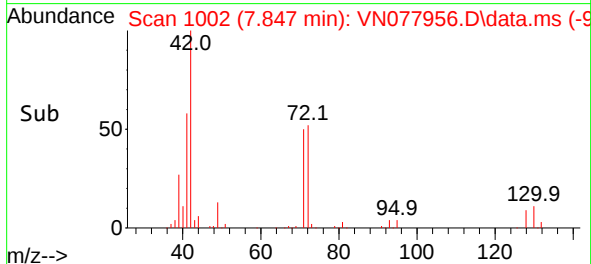
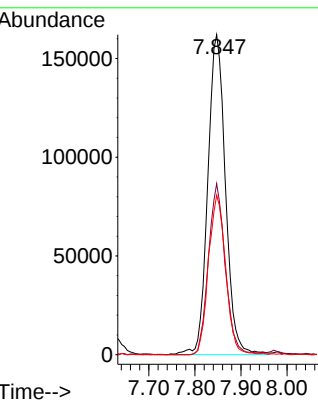
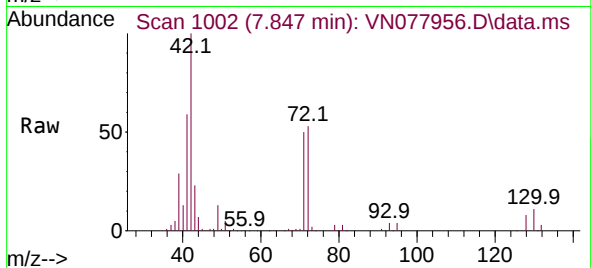
71 48.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 53.936 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077956.D

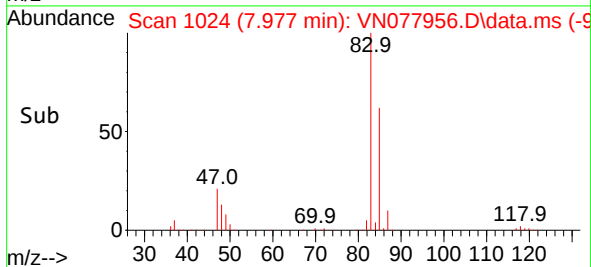
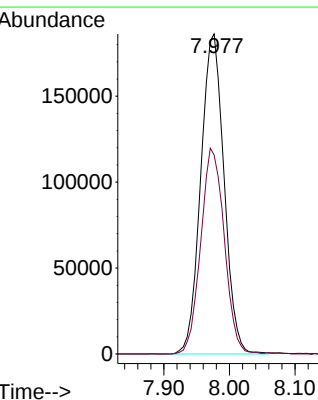
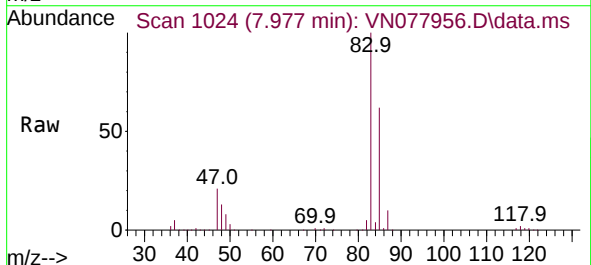
Acq: 27 May 2023 04:51

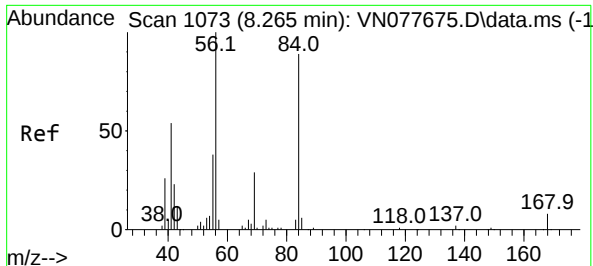
Tgt Ion: 83 Resp: 458316

Ion Ratio Lower Upper

83 100

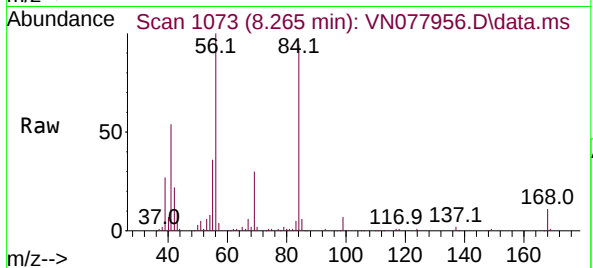
85 62.2 55.4 83.0





#31
Cyclohexane
Concen: 49.256 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

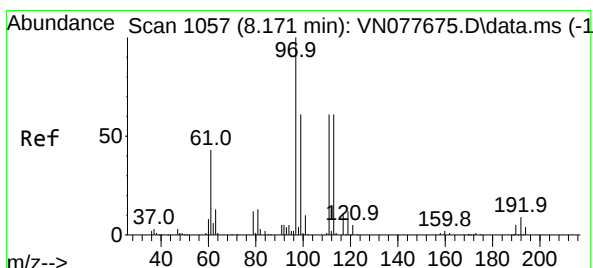
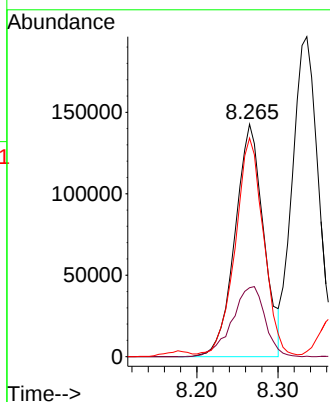
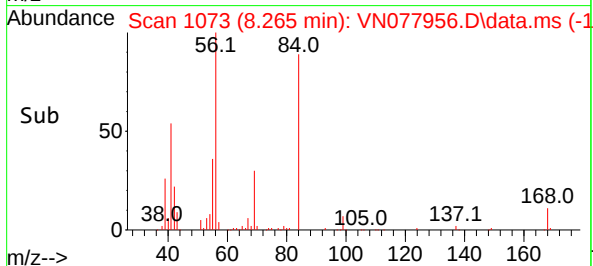
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



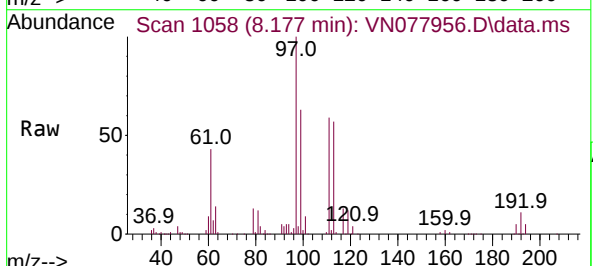
Tgt Ion: 56 Resp: 348730
Ion Ratio Lower Upper
56 100
69 29.6 26.8 40.2
84 91.5 81.8 122.6

Manual Integrations
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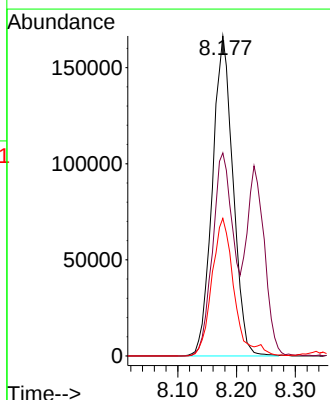
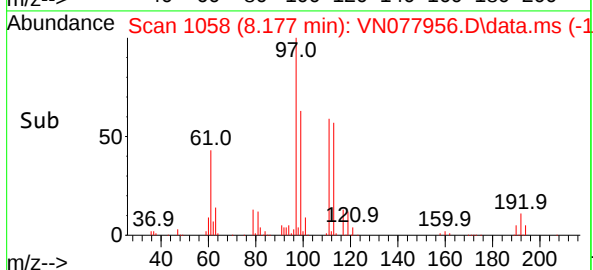
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

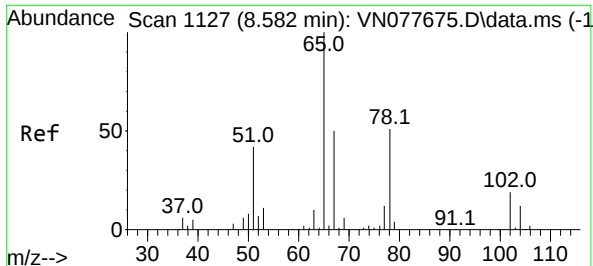


#32
1,1,1-Trichloroethane
Concen: 56.222 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



Tgt Ion: 97 Resp: 406173
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 46.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.873 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 275420

Ion Ratio Lower Upper

65 100

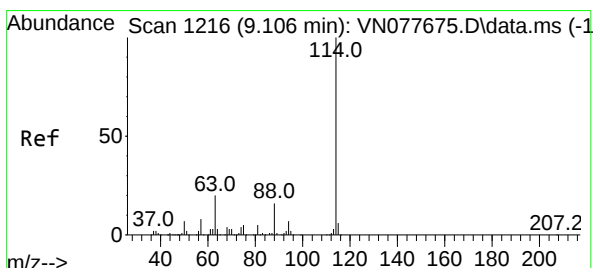
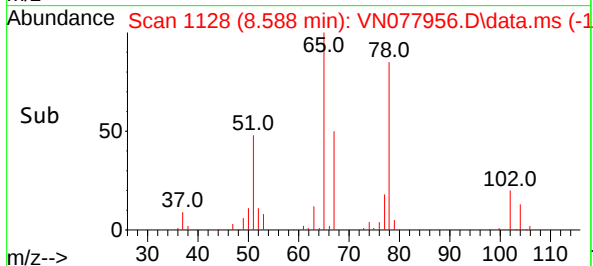
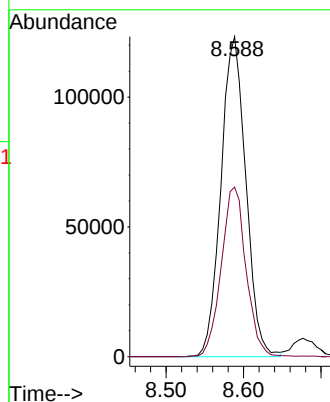
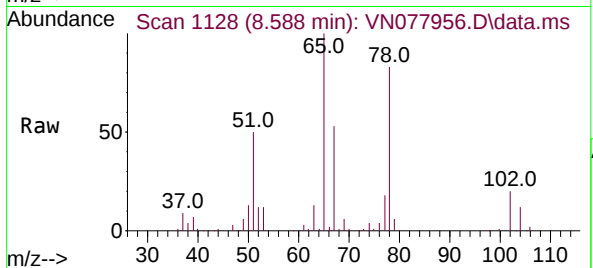
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

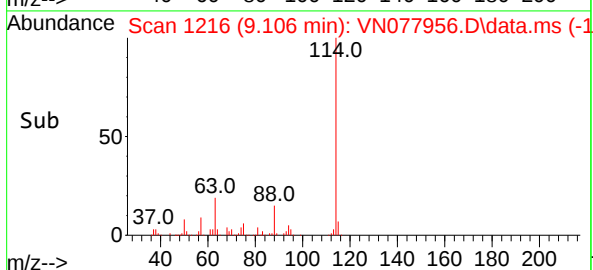
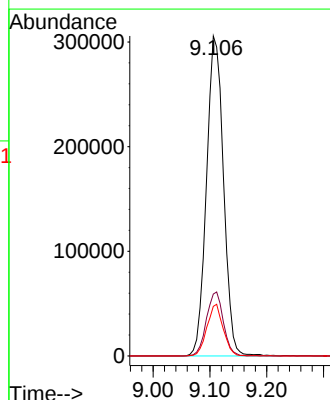
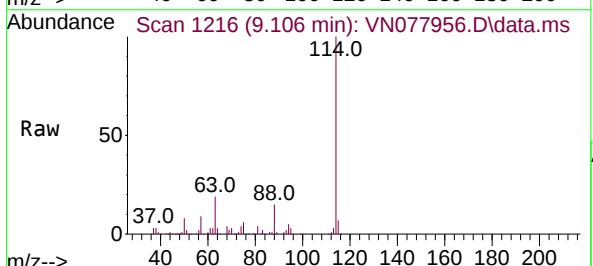
Tgt Ion:114 Resp: 634503

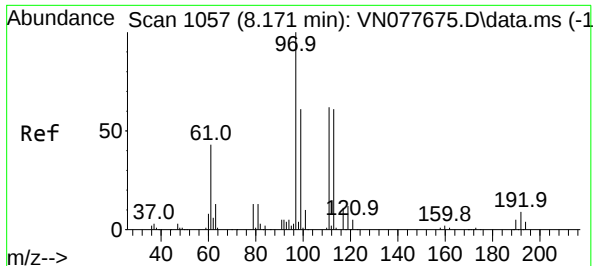
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.057 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 231938

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

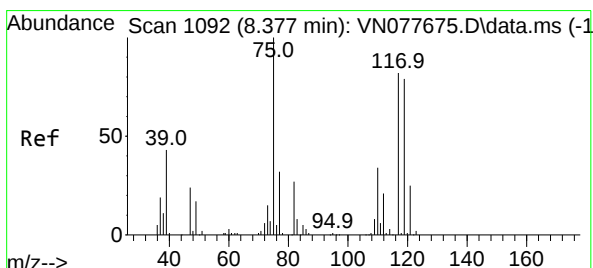
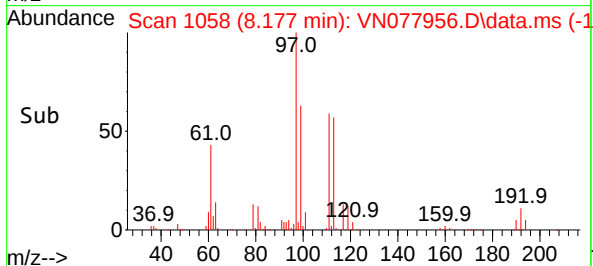
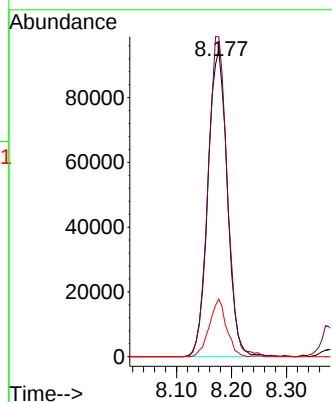
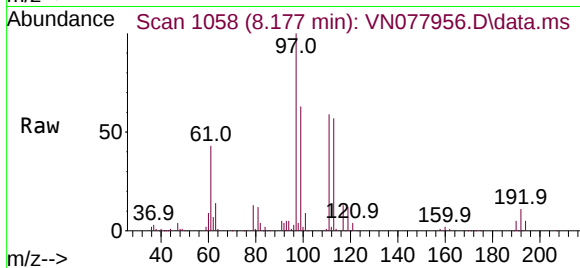
192 16.7 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 54.969 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

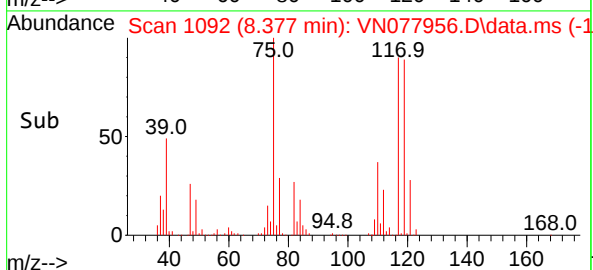
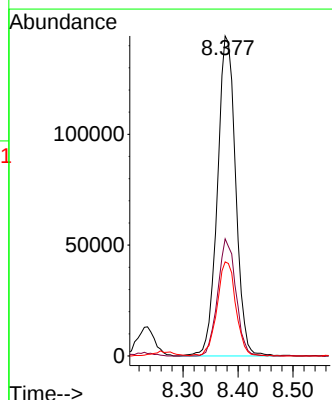
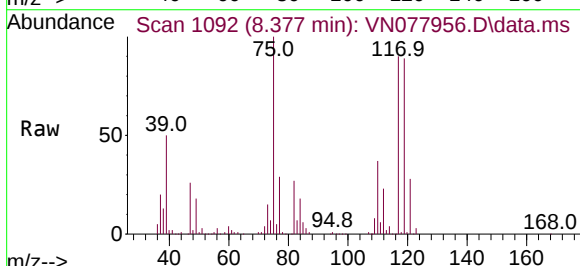
Tgt Ion: 75 Resp: 332662

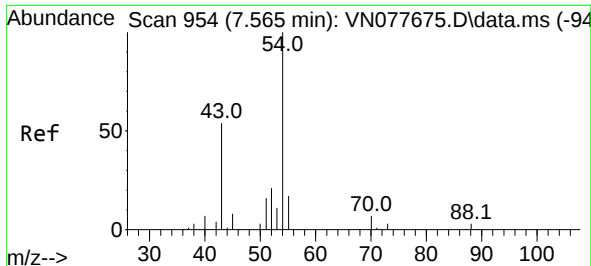
Ion Ratio Lower Upper

75 100

110 36.3 19.1 57.3

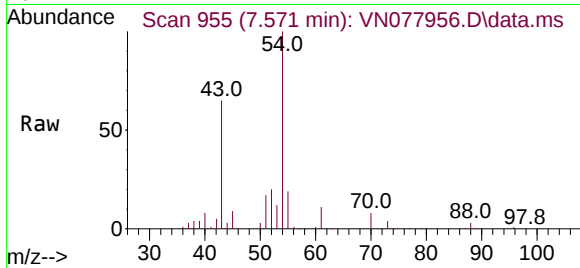
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 50.229 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

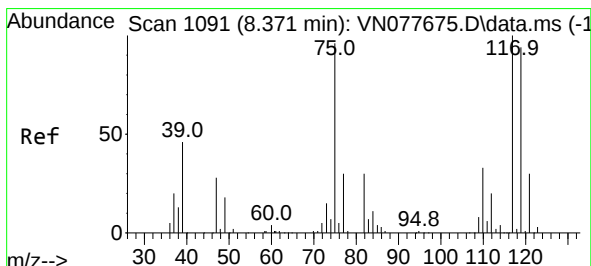
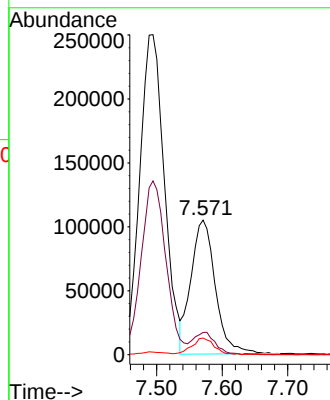
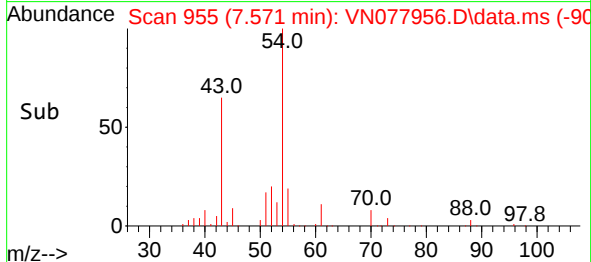
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27093
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 11.0 11.3 16.9

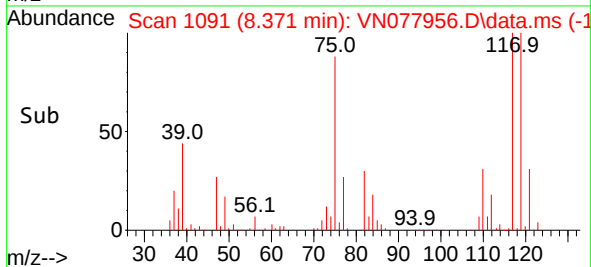
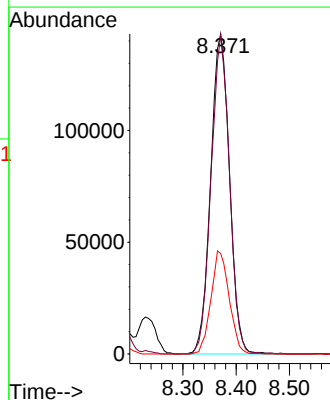
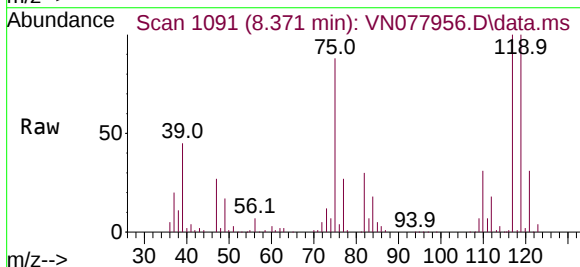
Manual Integrations
APPROVED

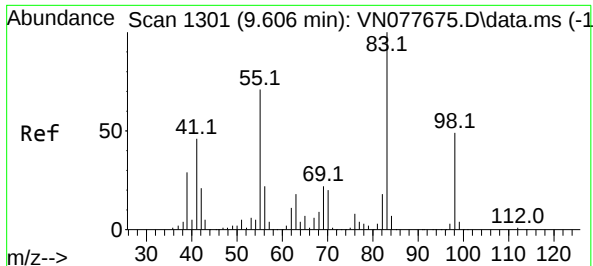
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#38
Carbon Tetrachloride
Concen: 57.533 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion:117 Resp: 351582
Ion Ratio Lower Upper
117 100
119 99.6 77.3 115.9
121 31.4 23.3 34.9





#39

Methylcyclohexane

Concen: 49.245 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 36485

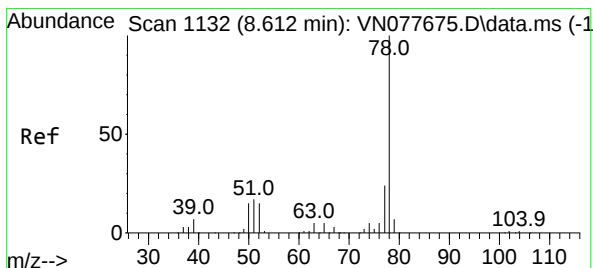
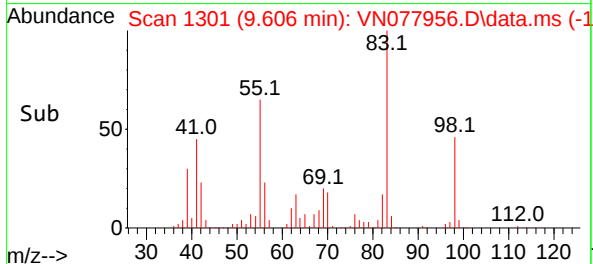
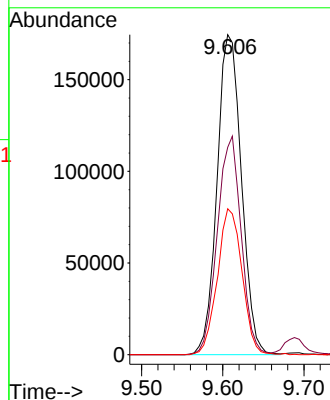
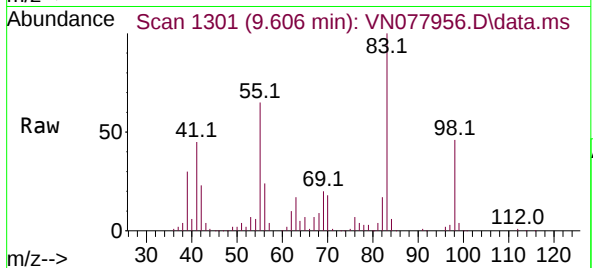
Ion	Ratio	Lower	Upper
83	100		
55	64.8	49.1	73.7
98	45.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 56.621 ug/l

RT: 8.612 min Scan# 1132

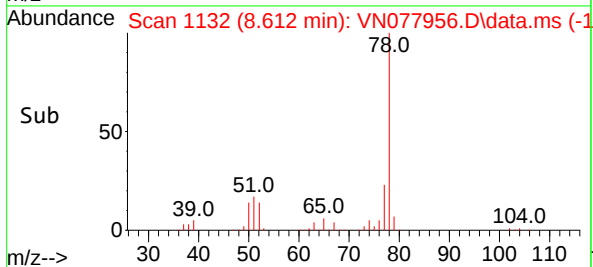
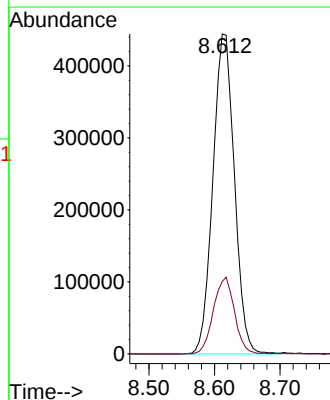
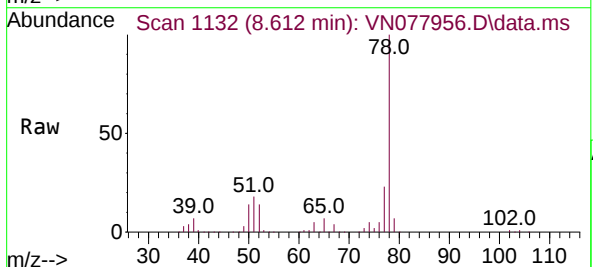
Delta R.T. -0.000 min

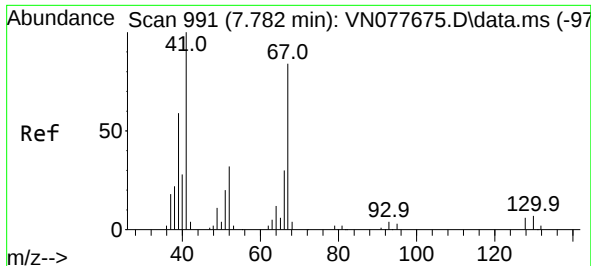
Lab File: VN077956.D

Acq: 27 May 2023 04:51

Tgt Ion: 78 Resp: 1011164

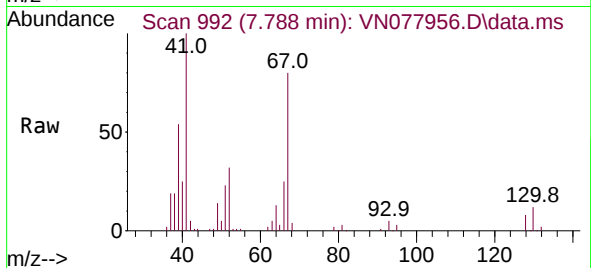
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





#41
Methacrylonitrile
Concen: 49.696 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

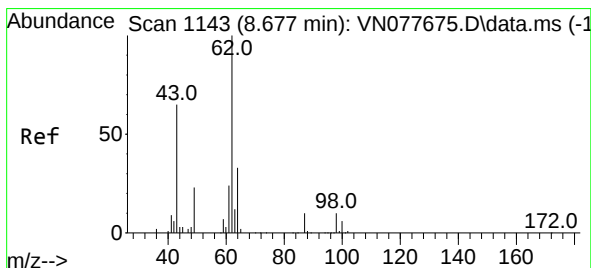
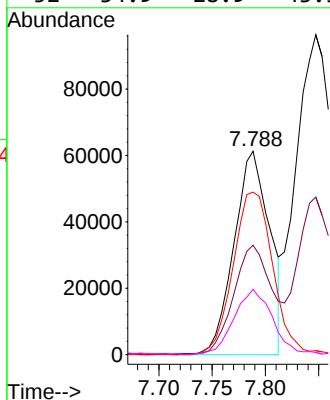
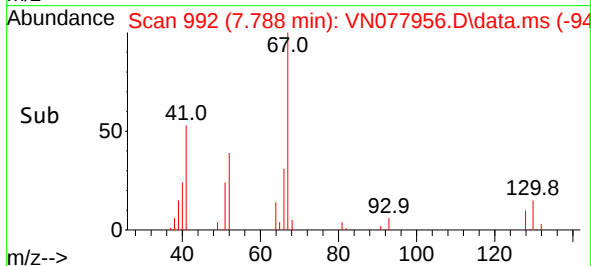
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14275
Ion Ratio Lower Upper
41 100
39 58.7 42.6 64.0
67 89.6 77.5 116.3
52 34.9 28.9 43.3

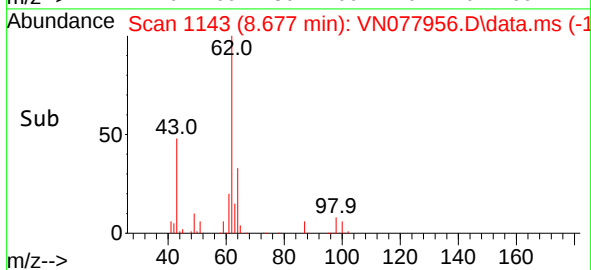
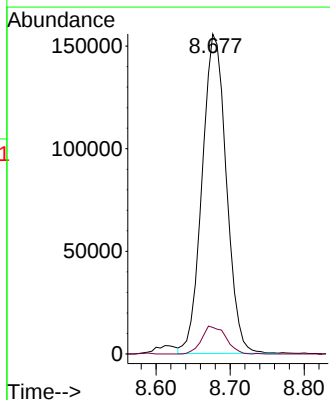
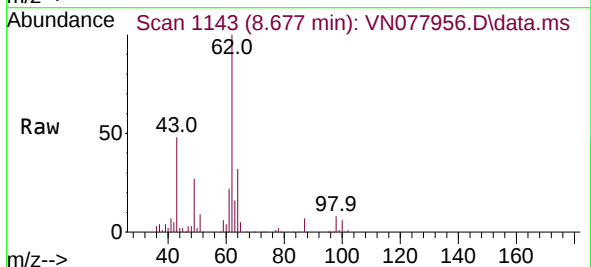
Manual Integrations
APPROVED

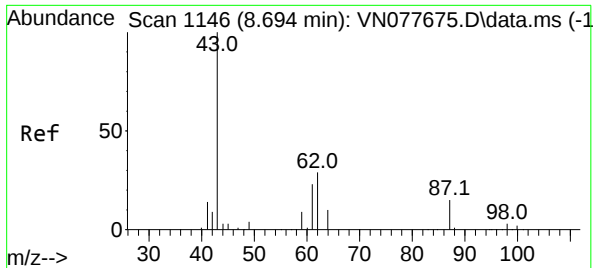
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 54.479 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

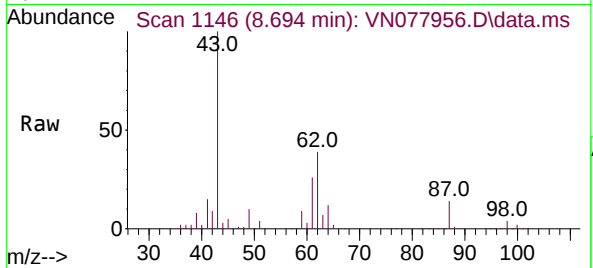
Tgt Ion: 62 Resp: 353419
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 54.885 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

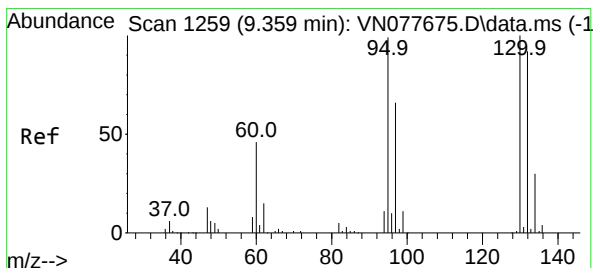
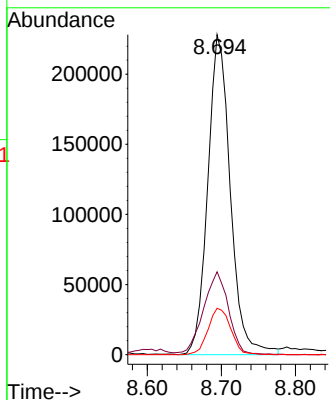
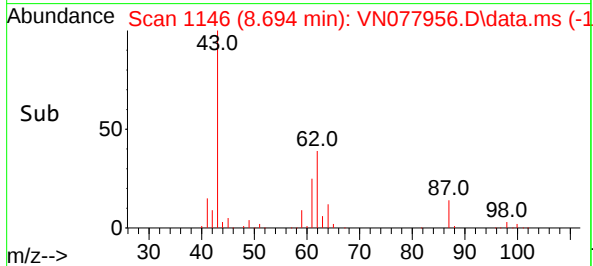
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 483562
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 14.5 14.6 21.8

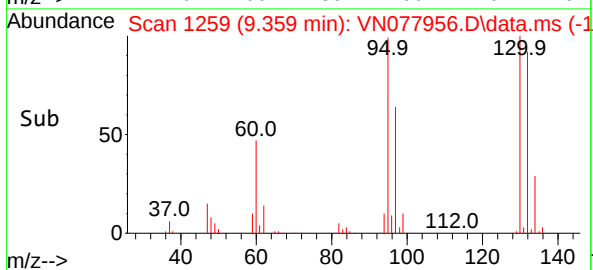
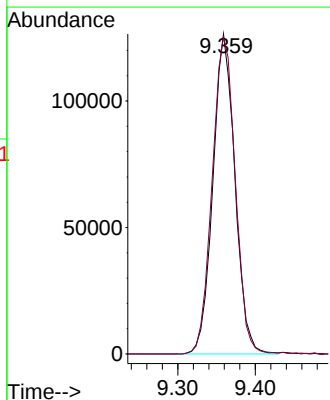
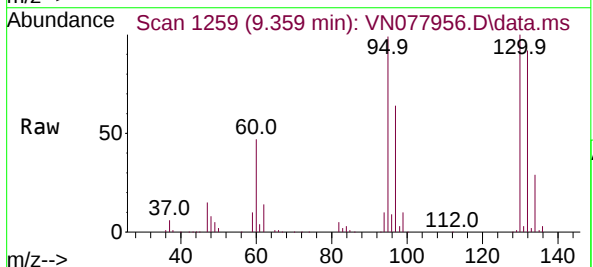
Manual Integrations
APPROVED

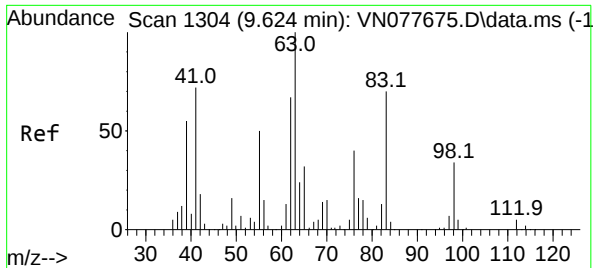
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#44
Trichloroethene
Concen: 55.272 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion:130 Resp: 249936
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.349 ug/l

RT: 9.629 min Scan# 1304

Delta R.T. 0.005 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 261238

Ion Ratio Lower Upper

63 100

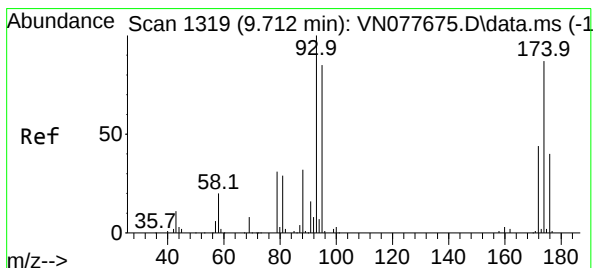
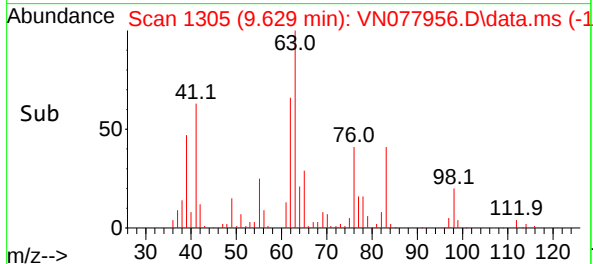
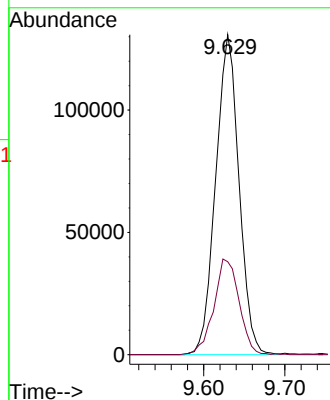
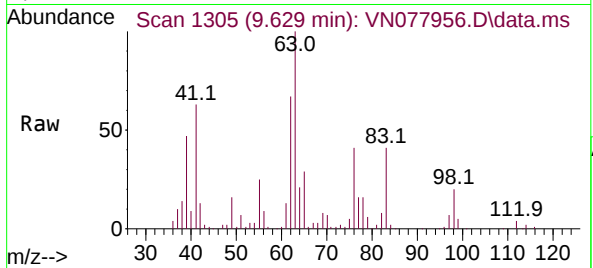
65 29.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 55.208 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

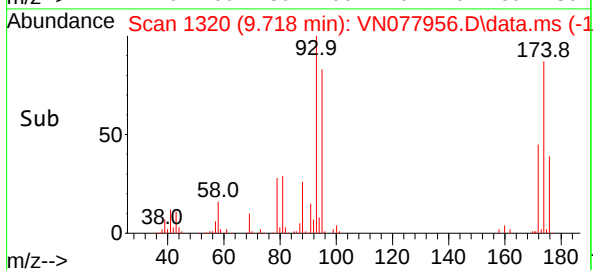
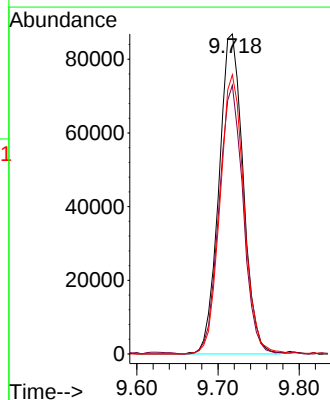
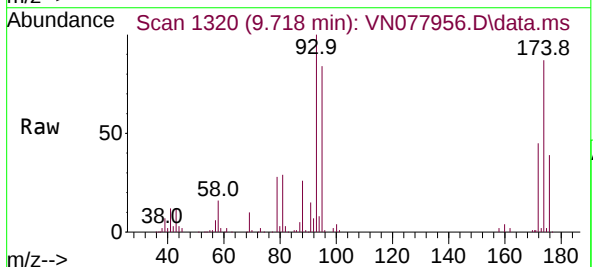
Tgt Ion: 93 Resp: 179955

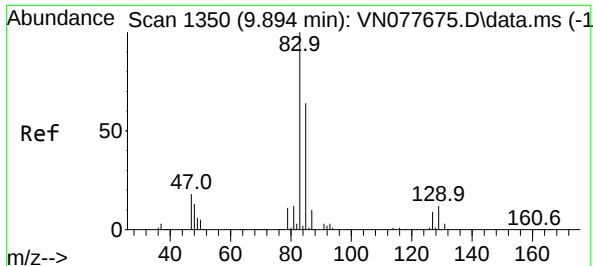
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

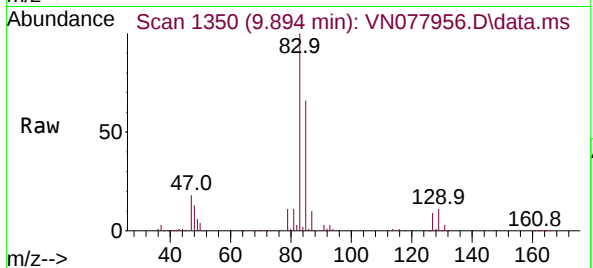
174 86.6 65.6 98.4





#47
Bromodichloromethane
Concen: 58.711 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

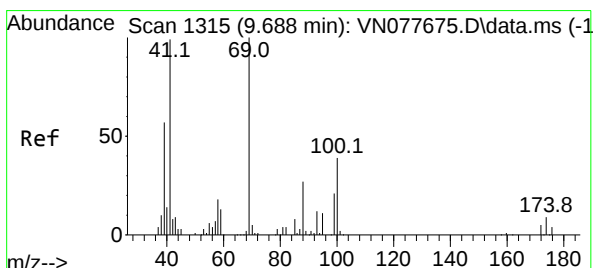
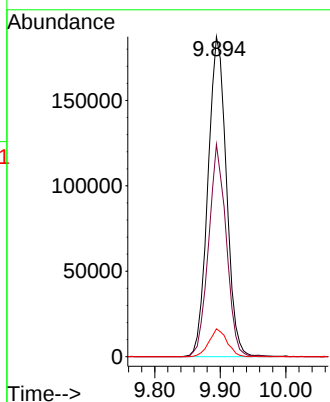
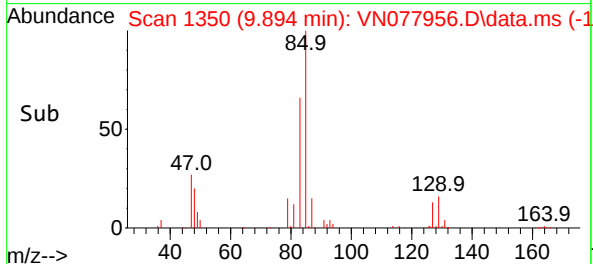
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 366380
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 8.7 7.0 10.6

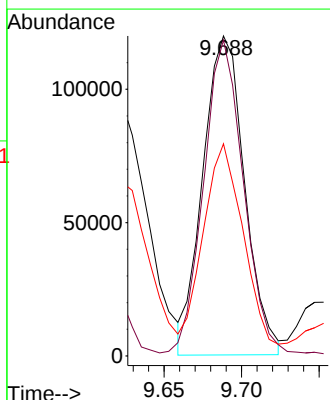
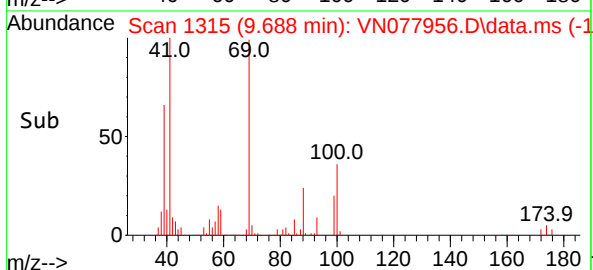
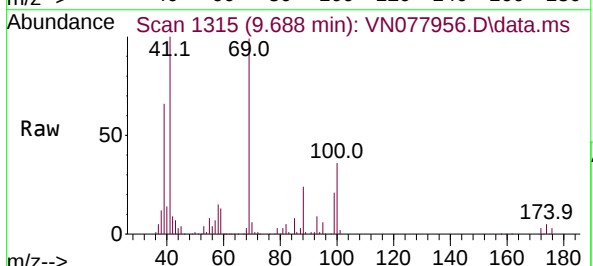
Manual Integrations
APPROVED

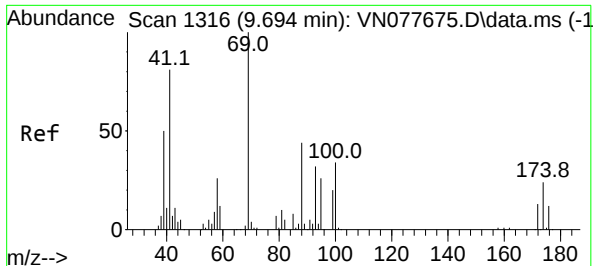
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#48
Methyl methacrylate
Concen: 53.579 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion: 41 Resp: 223813
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 65.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1186.295 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077956.D

Acq: 27 May 2023 04:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 9359

Ion Ratio Lower Upper

88 100

43 24.2 17.0 25.6

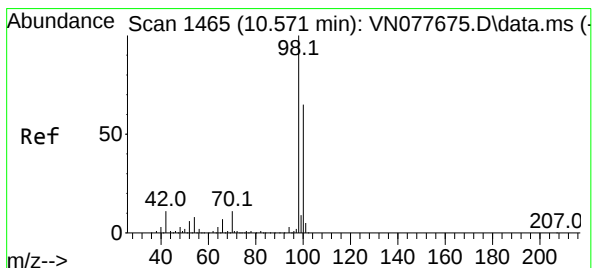
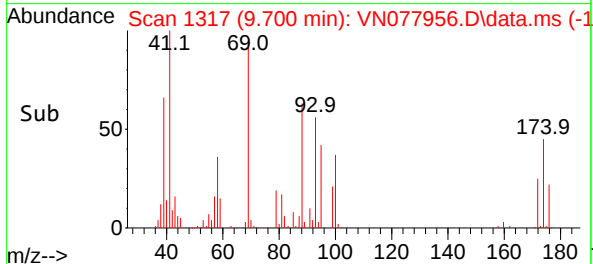
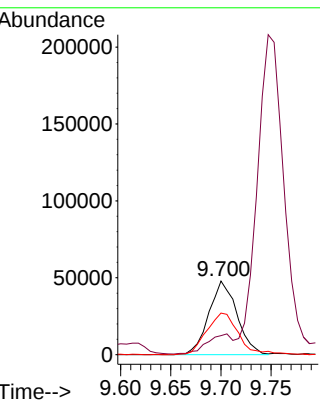
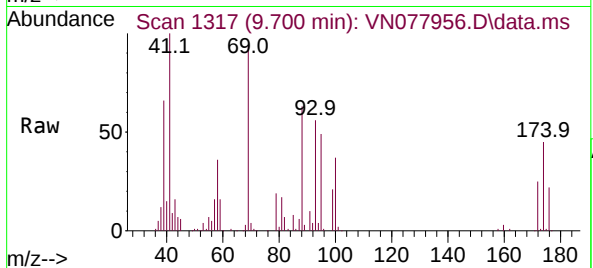
58 64.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 53.665 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077956.D

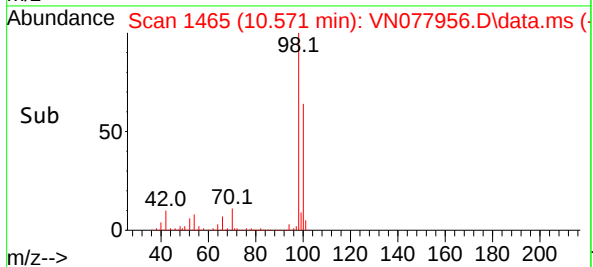
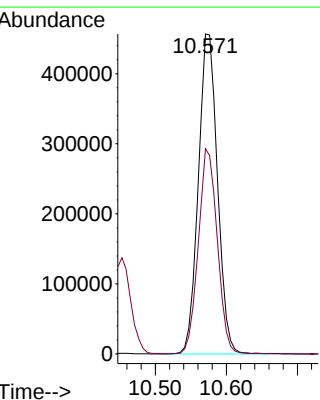
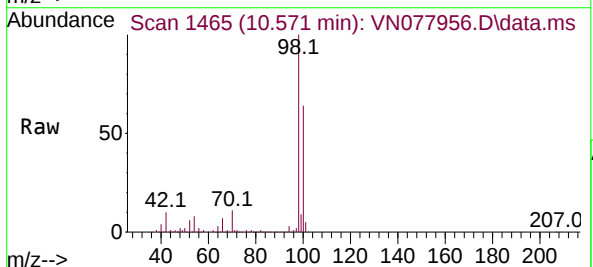
Acq: 27 May 2023 04:51

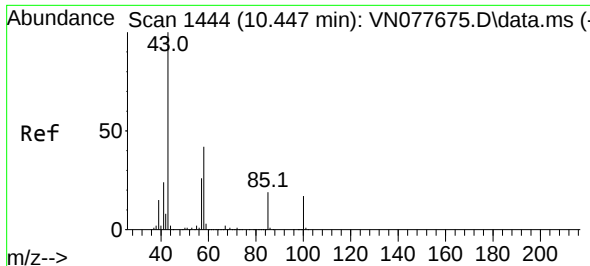
Tgt Ion: 98 Resp: 854643

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





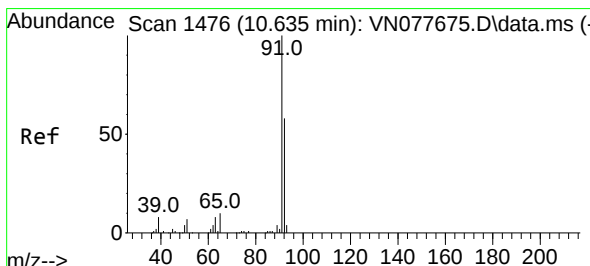
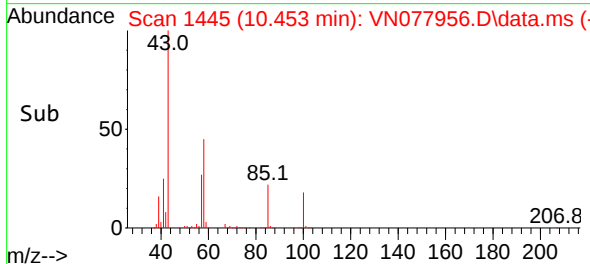
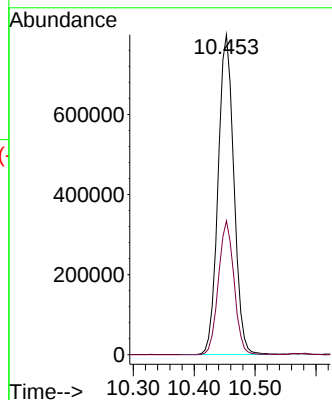
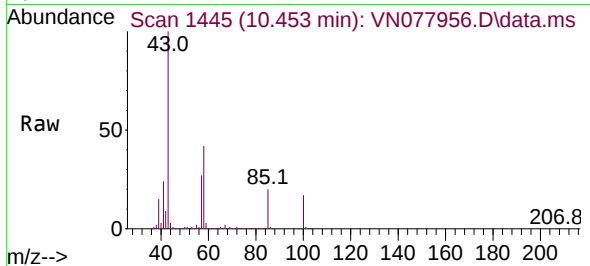
#51
4-Methyl-2-Pentanone
Concen: 274.498 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1437569
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

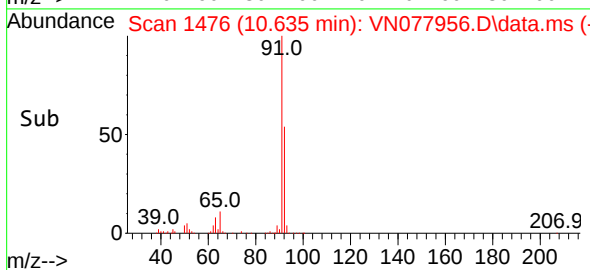
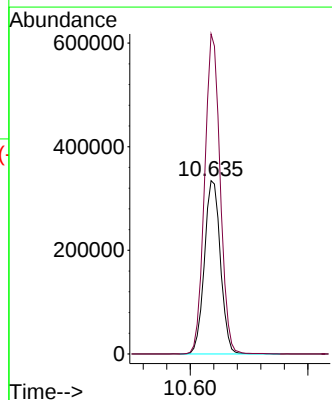
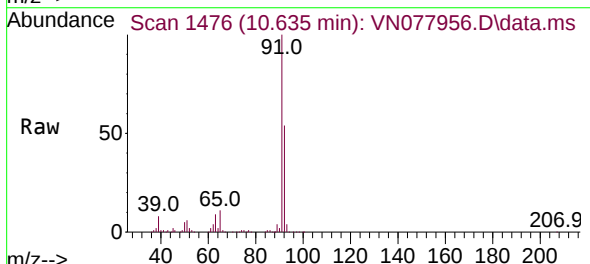
Manual Integrations
APPROVED

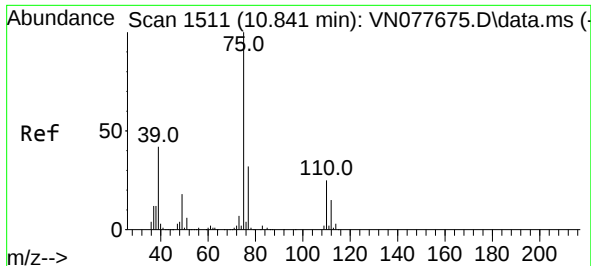
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 56.951 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion: 92 Resp: 633176
Ion Ratio Lower Upper
92 100
91 178.9 137.4 206.0





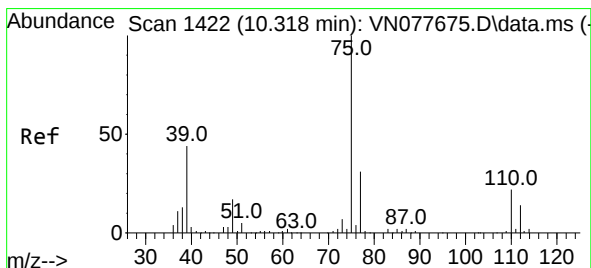
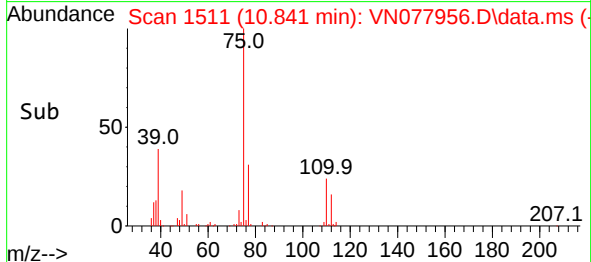
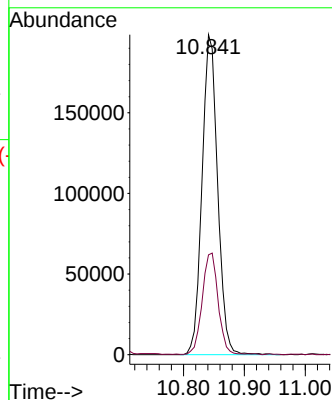
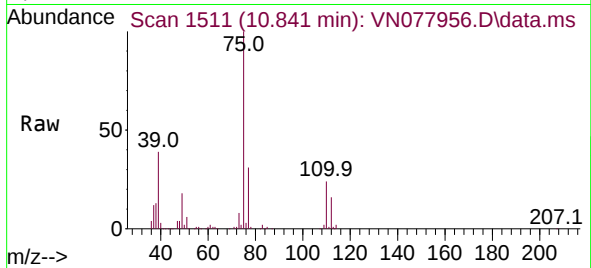
#53
t-1,3-Dichloropropene
Concen: 53.275 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 352060
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

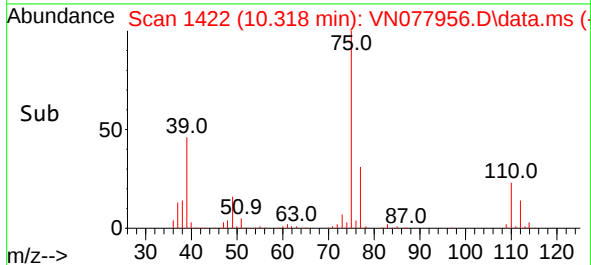
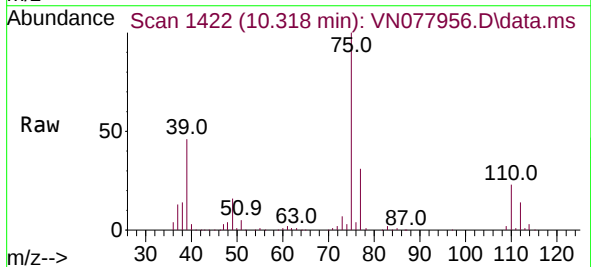
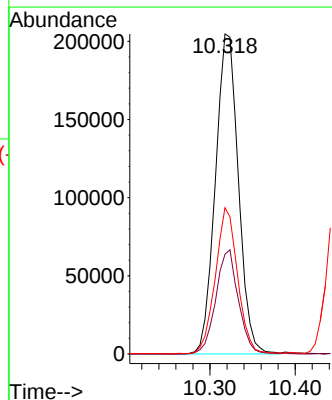
Manual Integrations
APPROVED

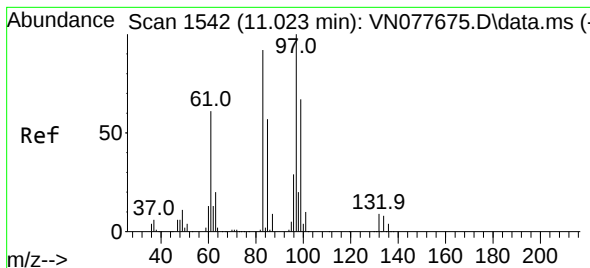
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#54
cis-1,3-Dichloropropene
Concen: 52.830 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

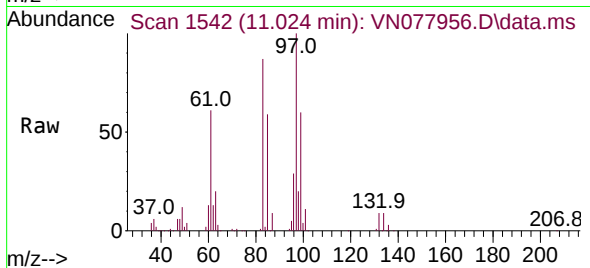
Tgt Ion: 75 Resp: 384738
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.636 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

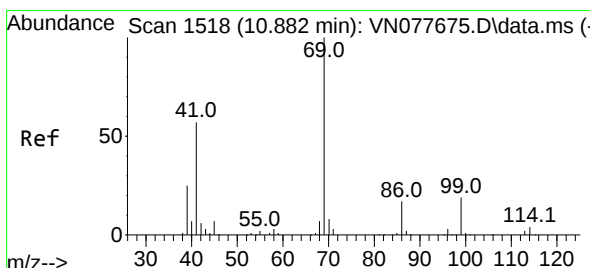
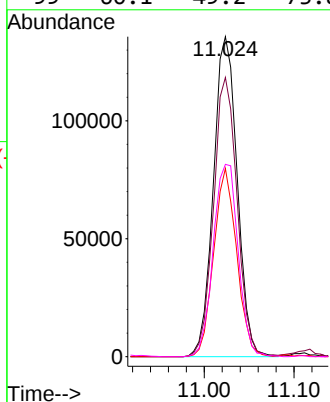
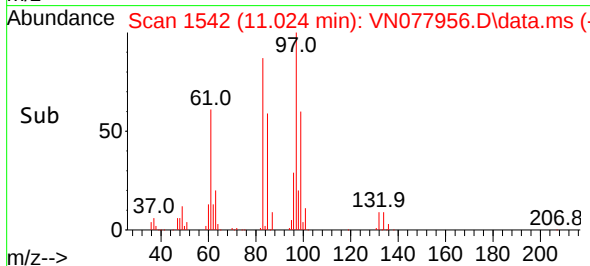
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	250019
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.1	97.7
85	58.8	43.4	65.2
99	60.1	49.2	73.8

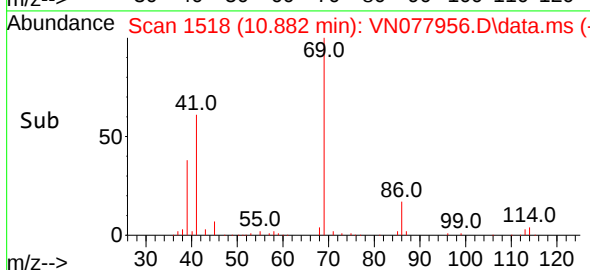
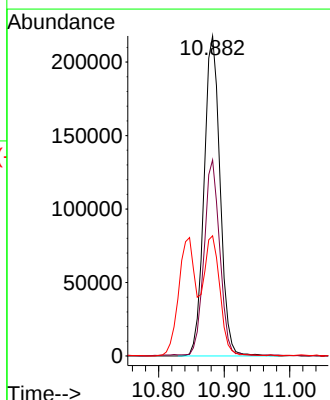
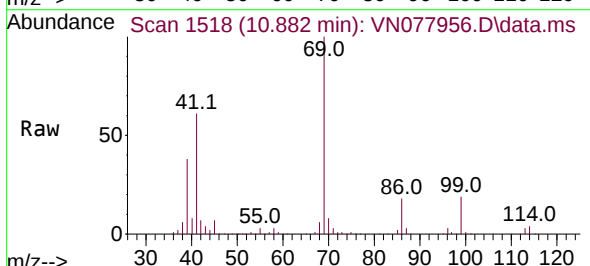
Manual Integrations
APPROVED

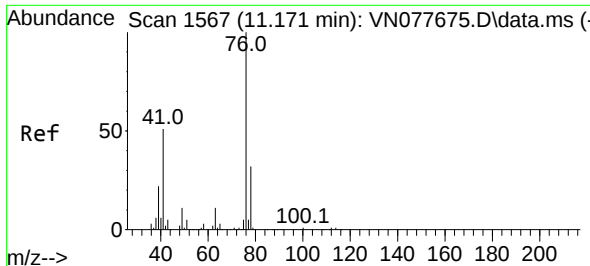
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#56
Ethyl methacrylate
Concen: 55.448 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

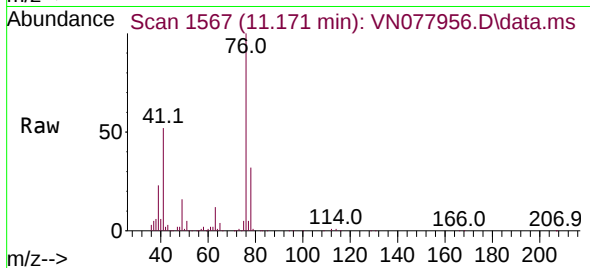
Tgt Ion:	69	Resp:	370098
Ion	Ratio	Lower	Upper
69	100		
41	59.5	39.6	59.4#
39	38.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 56.225 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

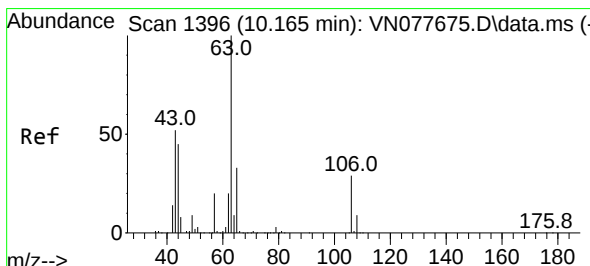
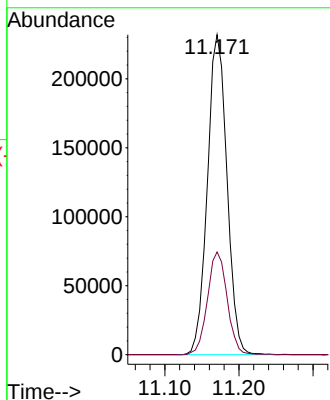
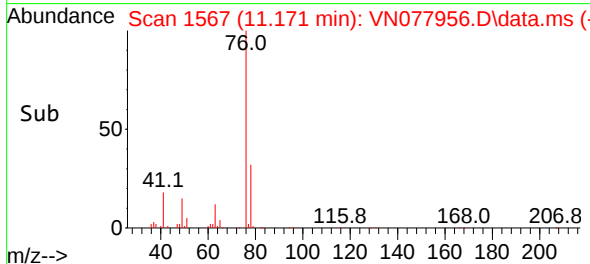
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



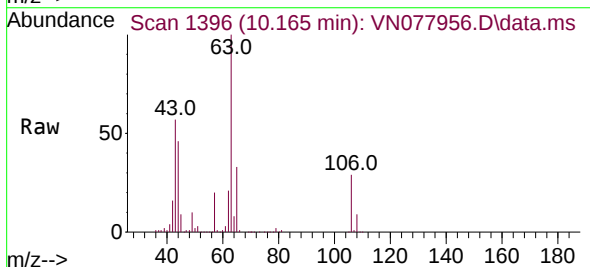
Tgt Ion: 76 Resp: 425499
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

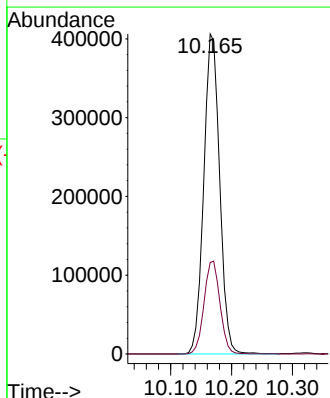
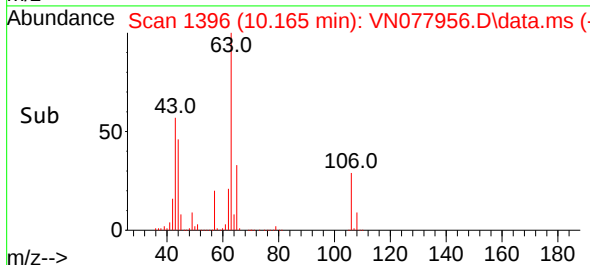
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#58
2-Chloroethyl Vinyl ether
Concen: 224.355 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



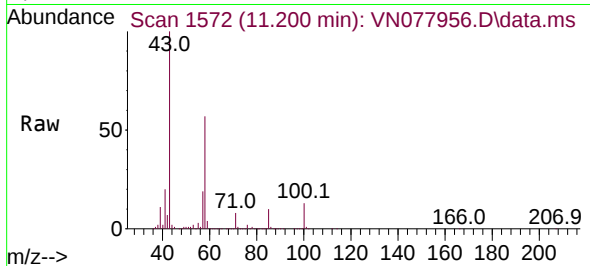
Tgt Ion: 63 Resp: 736708
Ion Ratio Lower Upper
63 100
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 265.115 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

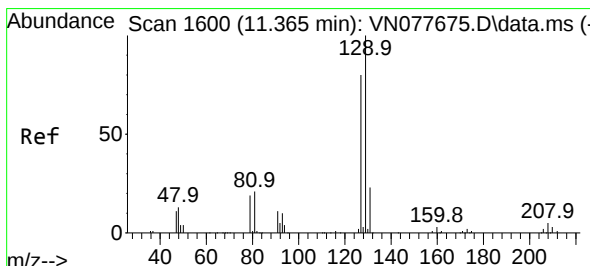
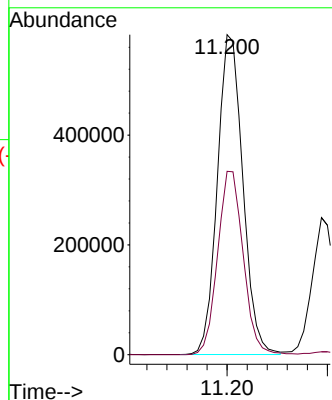
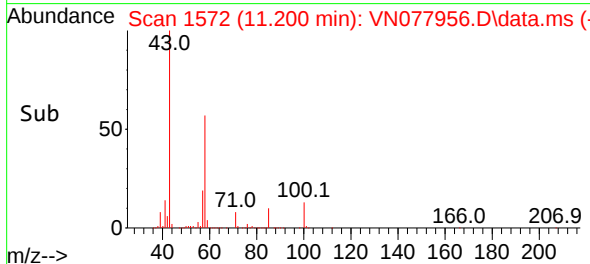
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 102696
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

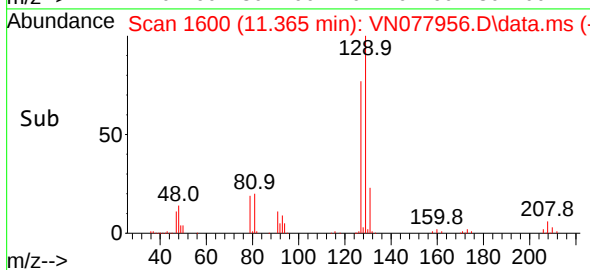
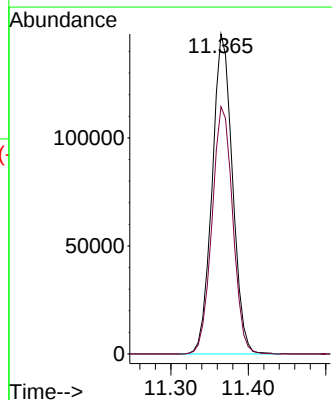
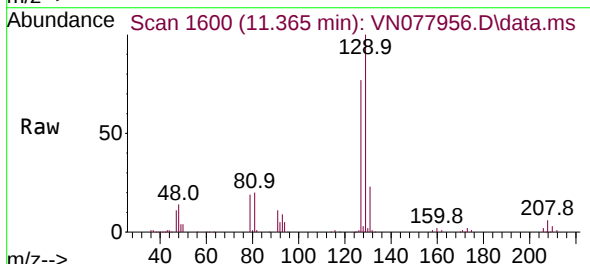
Manual Integrations
APPROVED

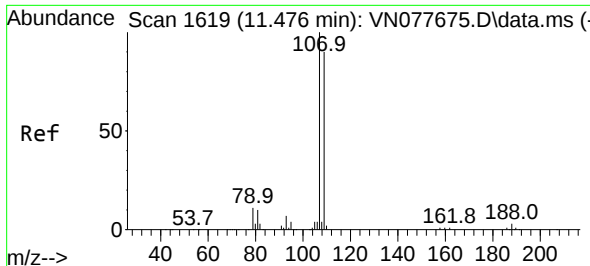
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 59.218 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

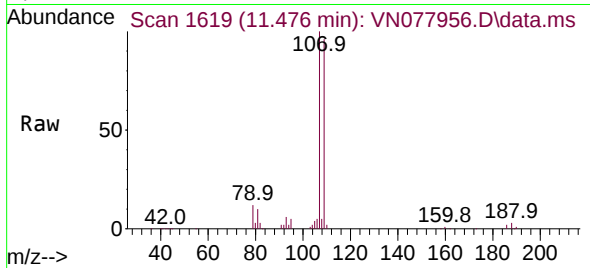
Tgt Ion:129 Resp: 269873
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 58.318 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

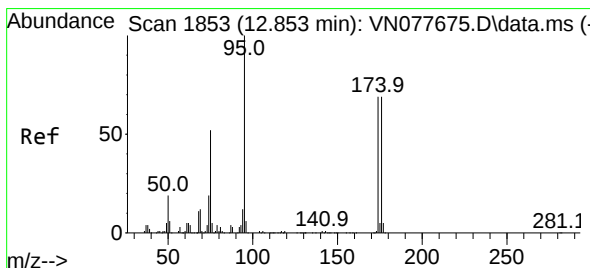
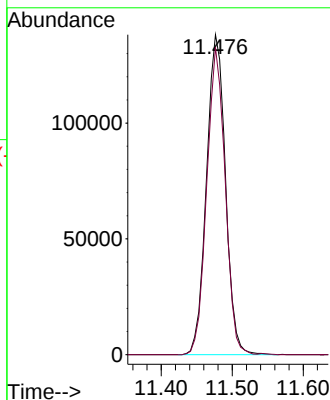
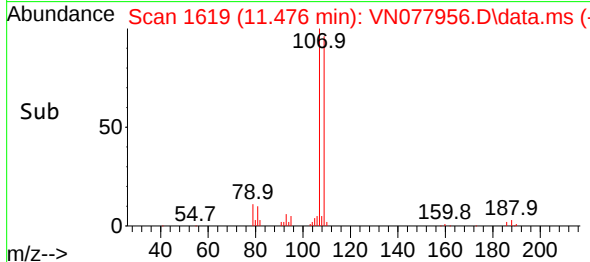
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



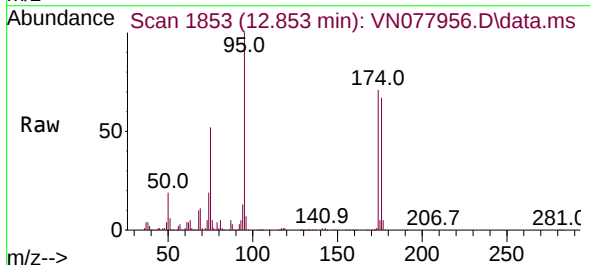
Tgt Ion:107 Resp: 256828
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

Manual Integrations
APPROVED

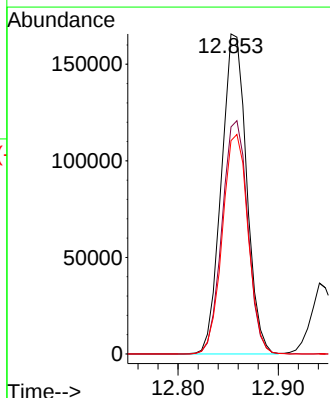
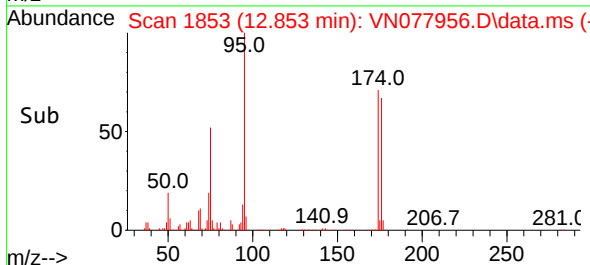
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

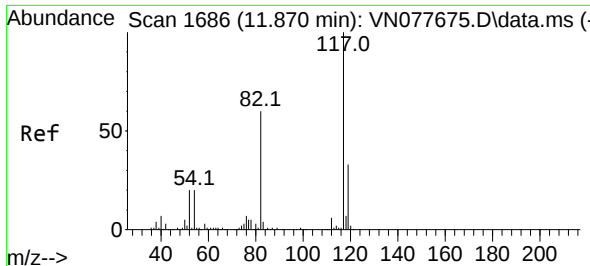


#62
4-Bromofluorobenzene
Concen: 51.464 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



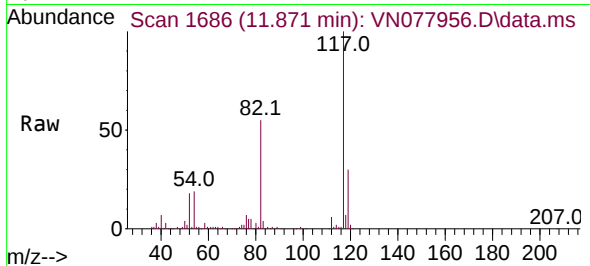
Tgt Ion: 95 Resp: 289465
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

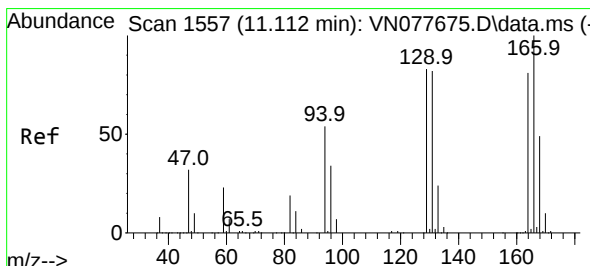
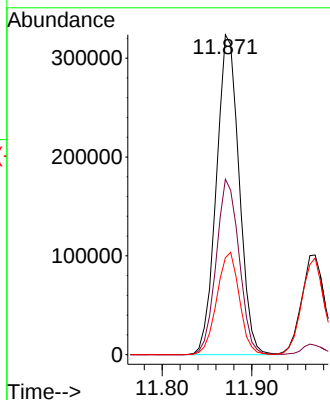
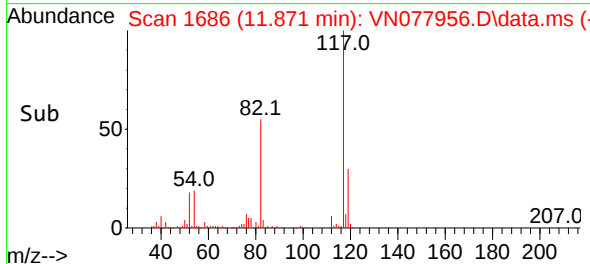
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 570640
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 30.3 25.6 38.4

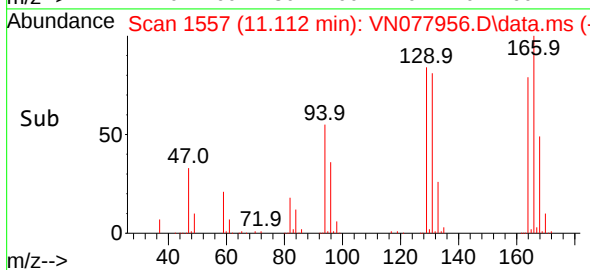
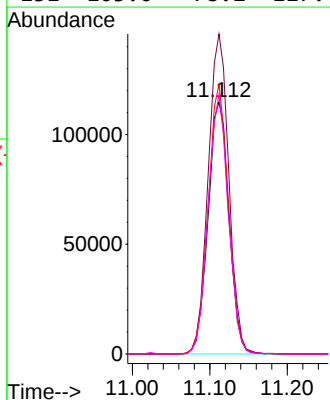
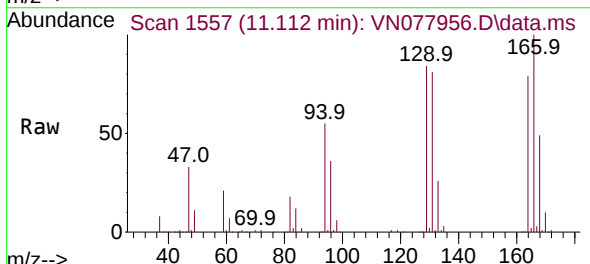
Manual Integrations
APPROVED

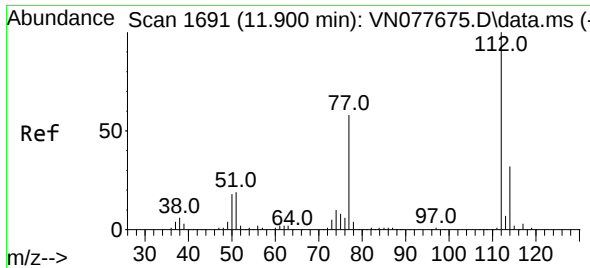
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 53.708 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

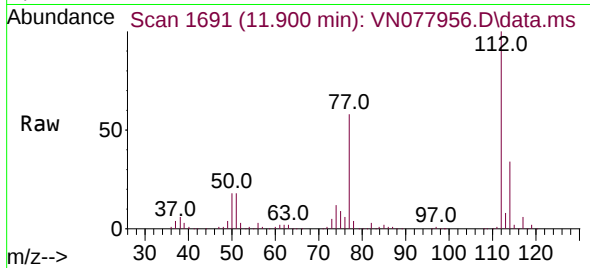
Tgt Ion:164 Resp: 214330
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 107.0 82.4 123.6
131 103.0 78.2 117.4





#65
Chlorobenzene
Concen: 54.863 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

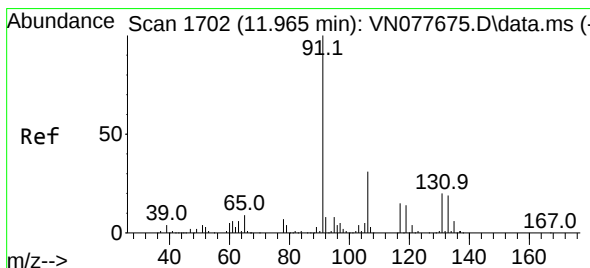
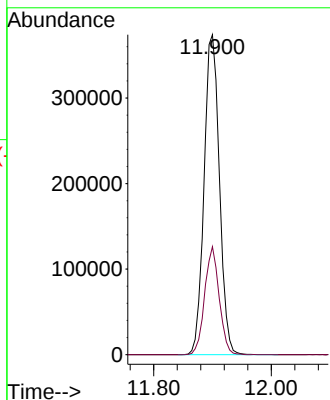
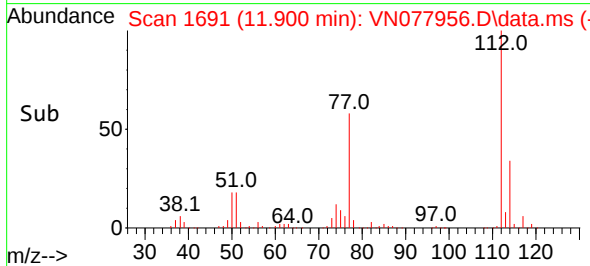
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



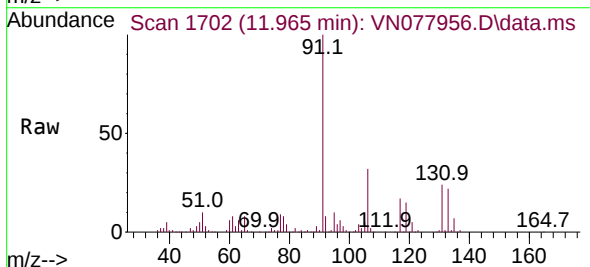
Tgt Ion:112 Resp: 678709
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.4

Manual Integrations
APPROVED

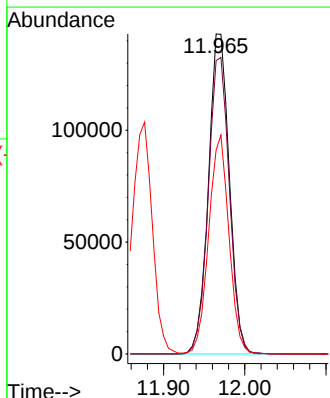
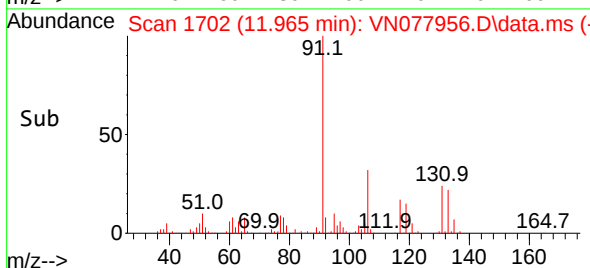
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

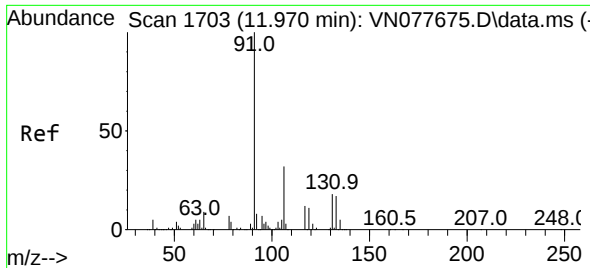


#66
1,1,1,2-Tetrachloroethane
Concen: 59.799 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



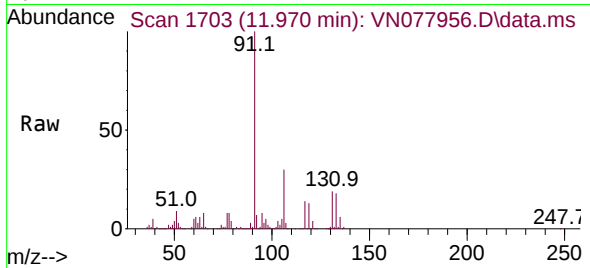
Tgt Ion:131 Resp: 255971
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 66.2 34.1 102.2





#67
Ethyl Benzene
Concen: 55.638 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

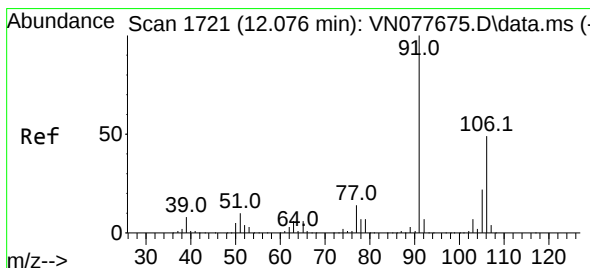
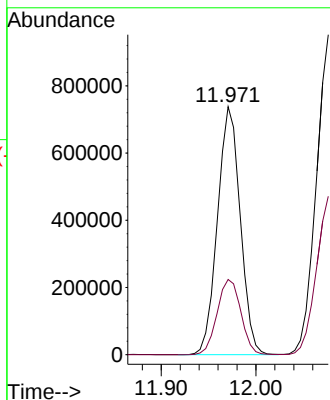
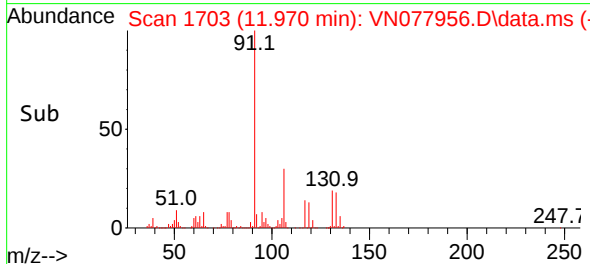
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



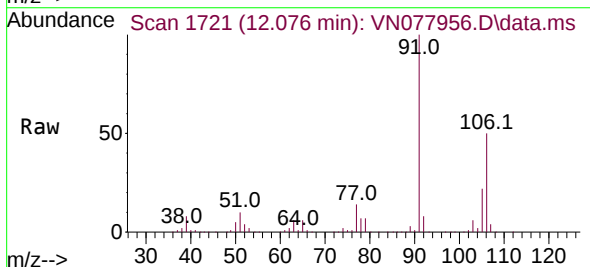
Tgt Ion: 91 Resp: 1233456
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

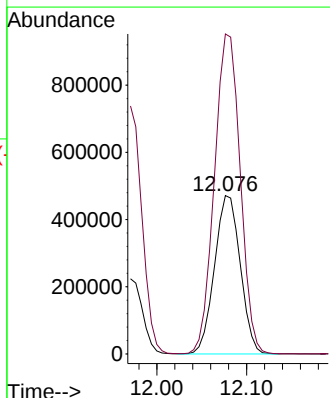
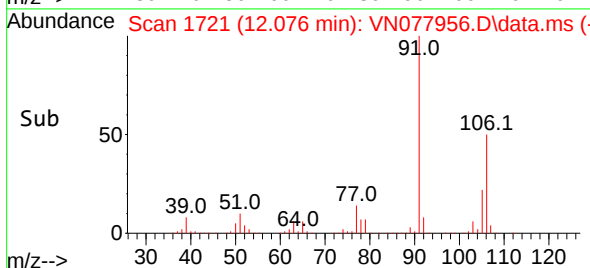
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

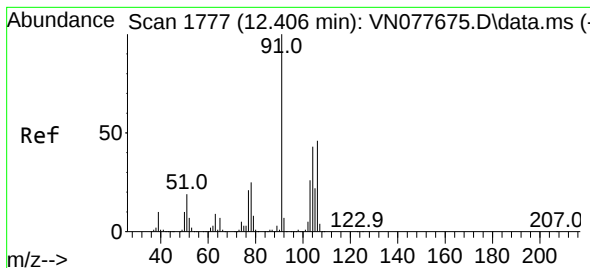


#68
m/p-Xylenes
Concen: 111.601 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



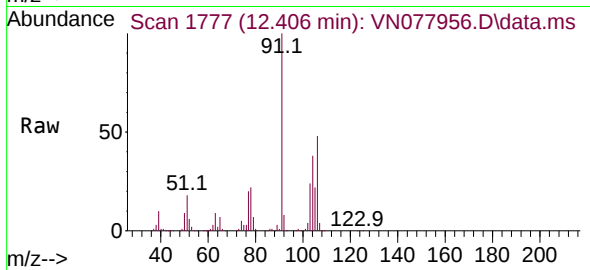
Tgt Ion:106 Resp: 937465
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





#69
o-Xylene
Concen: 56.512 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

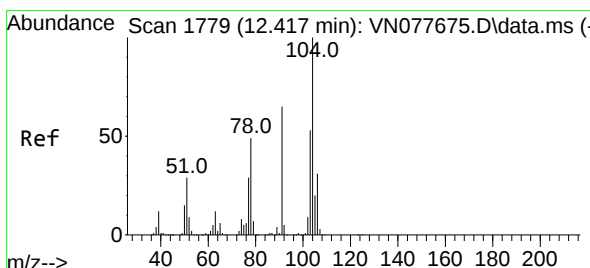
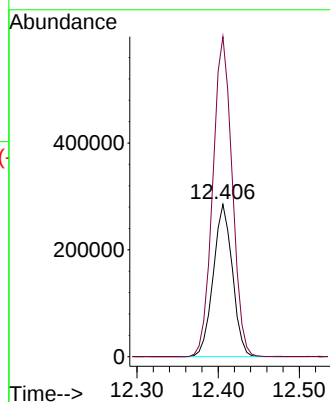
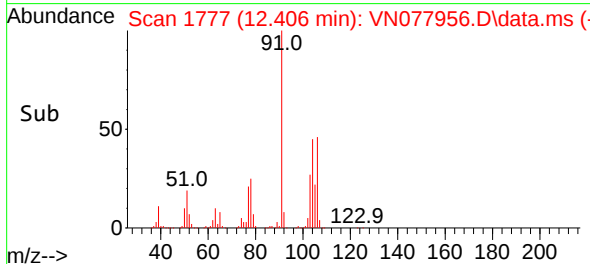
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 46685
Ion Ratio Lower Upper
106 100
91 213.2 105.2 315.5

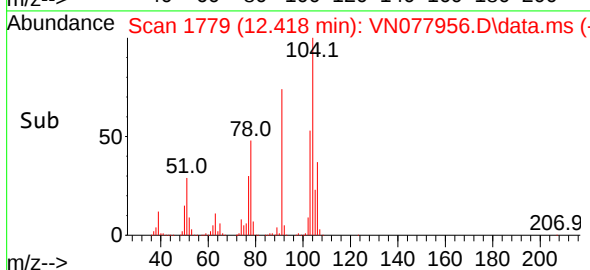
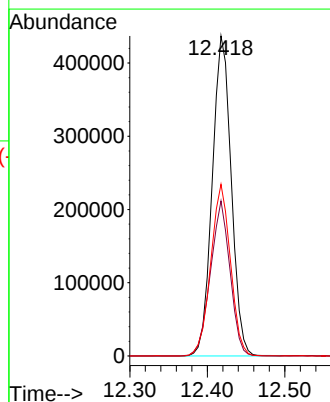
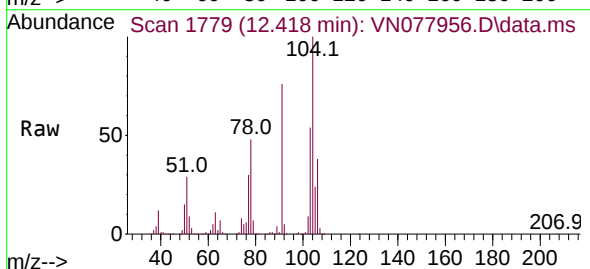
Manual Integrations
APPROVED

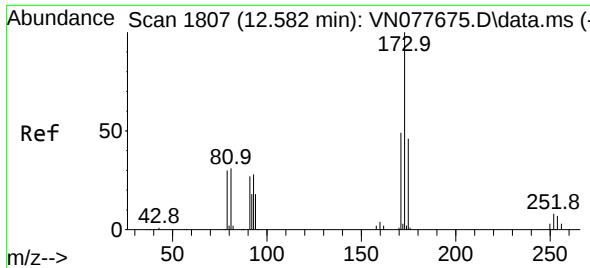
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 56.707 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

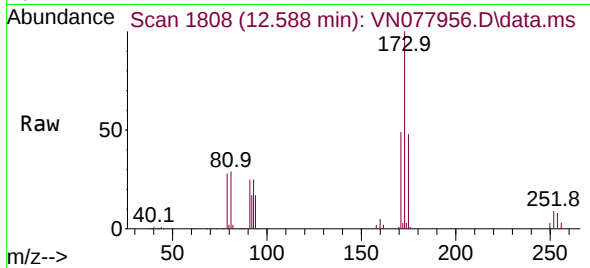
Tgt Ion:104 Resp: 744185
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 60.280 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

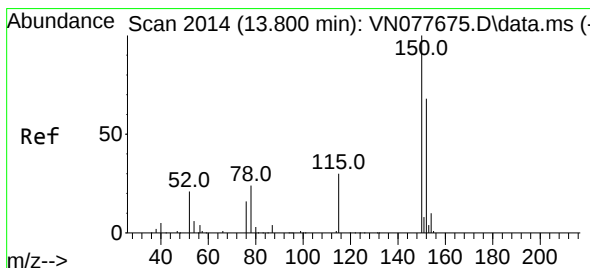
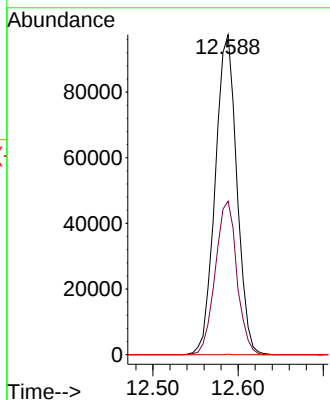
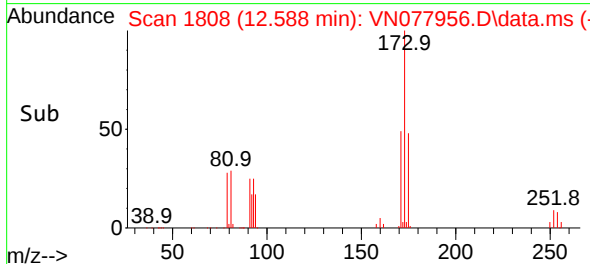
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



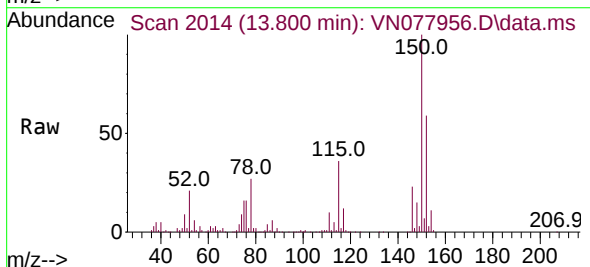
Tgt Ion:173 Resp: 171650
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

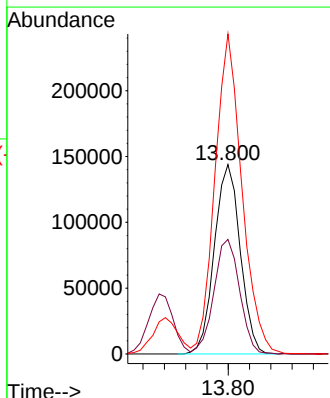
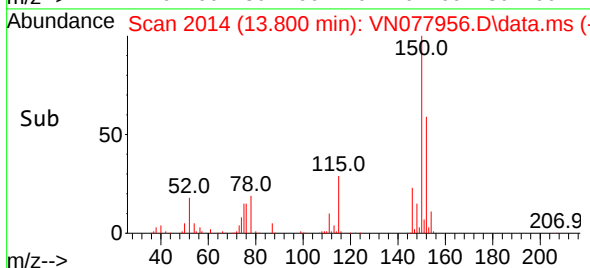
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

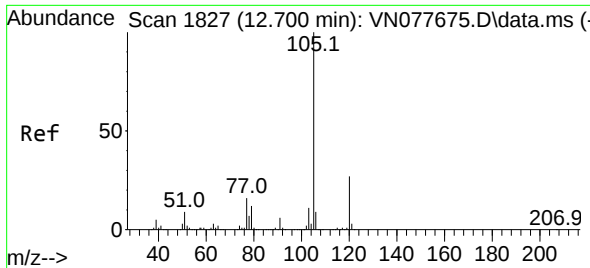


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



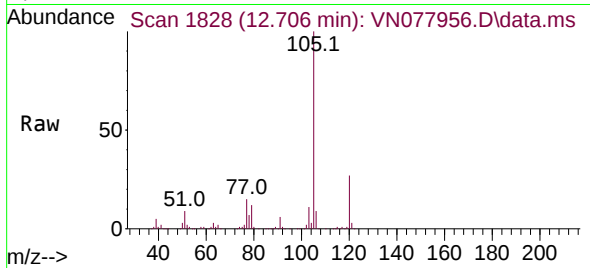
Tgt Ion:152 Resp: 242223
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 176.2 0.0 355.8





#73
Isopropylbenzene
Concen: 56.914 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

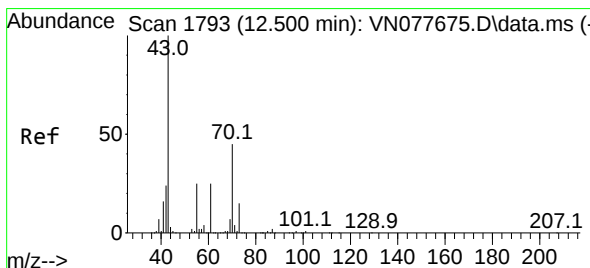
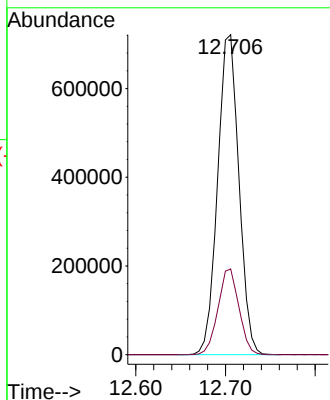
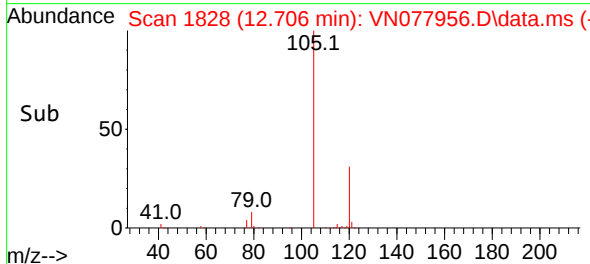
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 118834
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

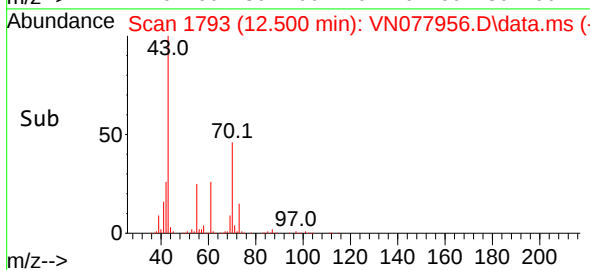
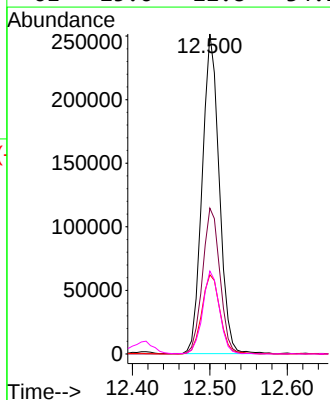
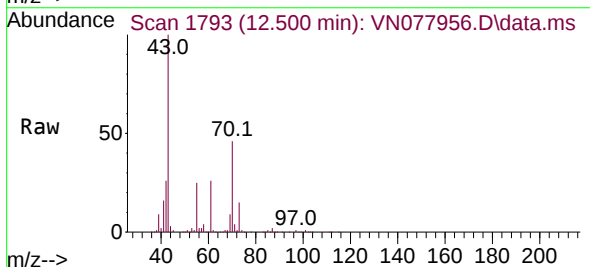
Manual Integrations
APPROVED

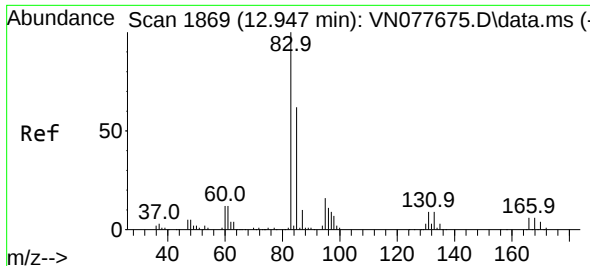
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#74
N-ethyl acetate
Concen: 49.720 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

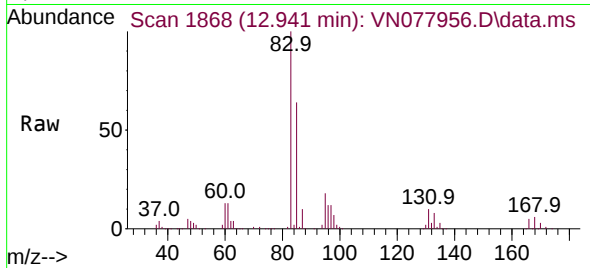
Tgt Ion: 43 Resp: 383724
Ion Ratio Lower Upper
43 100
70 46.7 43.4 65.2
55 26.4 21.4 32.0
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.192 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

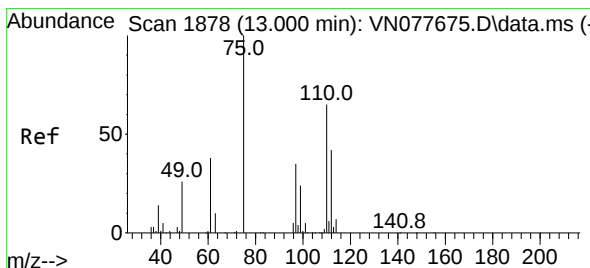
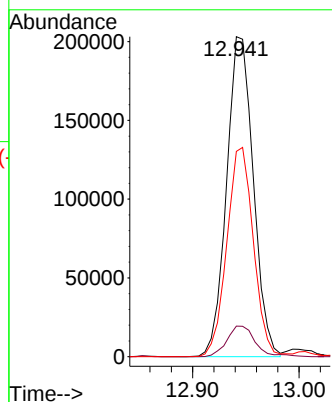
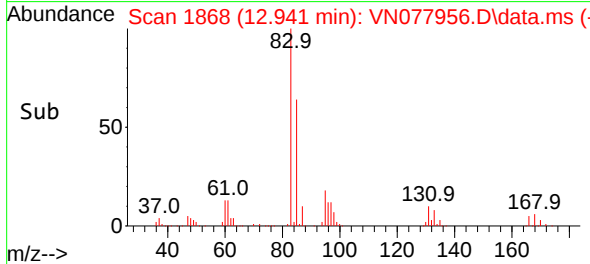
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 354518
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.1 31.9 95.7

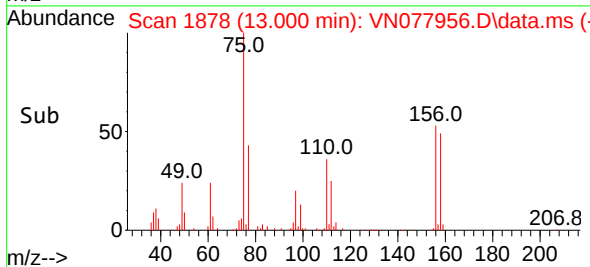
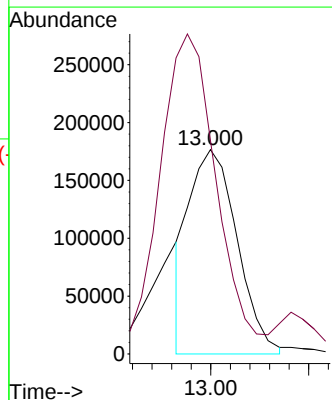
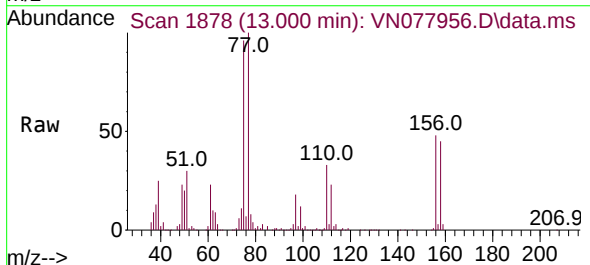
Manual Integrations
APPROVED

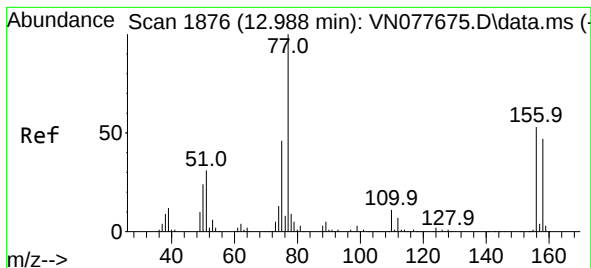
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 49.682 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

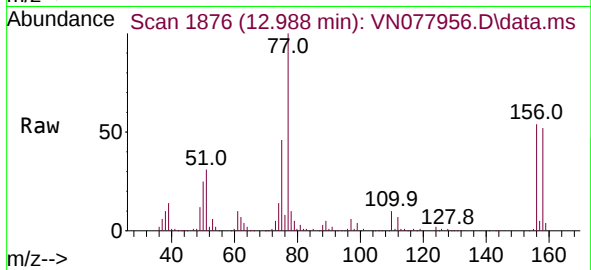
Tgt Ion: 75 Resp: 301377
Ion Ratio Lower Upper
75 100
77 186.0 84.5 253.5





#77
Bromobenzene
Concen: 54.885 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

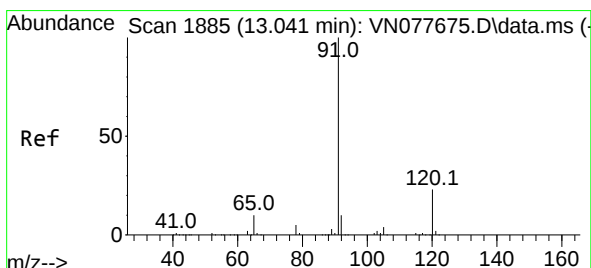
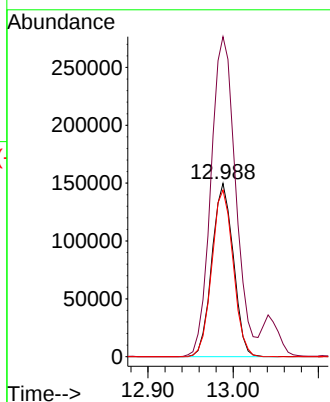
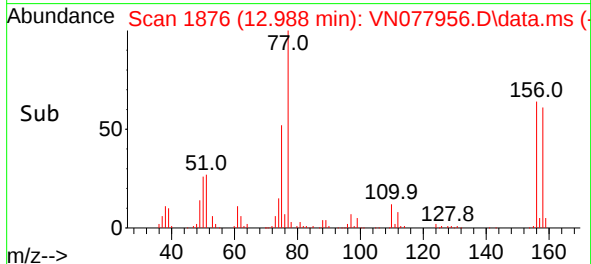
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 261519
Ion Ratio Lower Upper
156 100
77 214.3 107.7 323.3
158 95.8 48.4 145.3

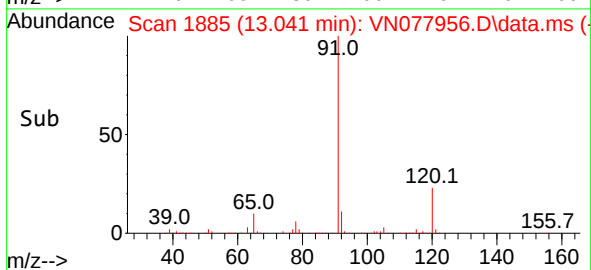
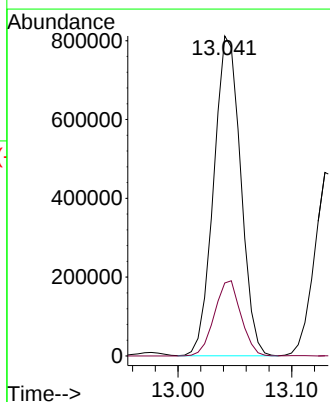
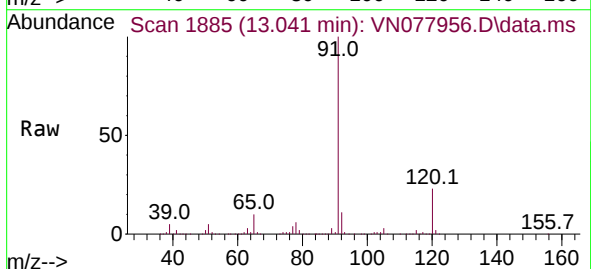
Manual Integrations
APPROVED

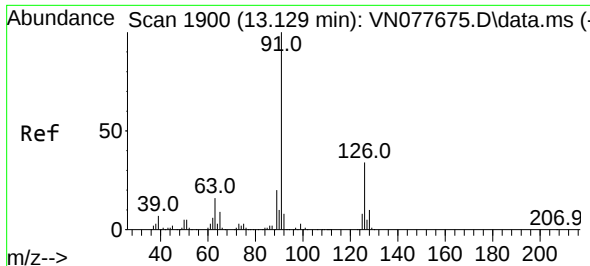
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 54.379 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

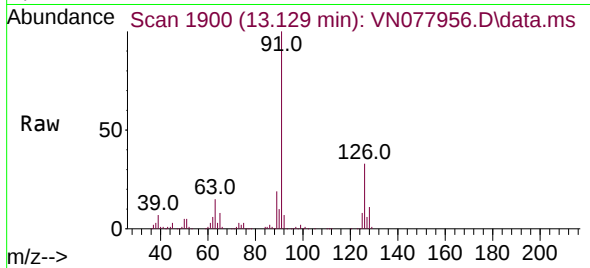
Tgt Ion: 91 Resp: 1338587
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 55.242 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

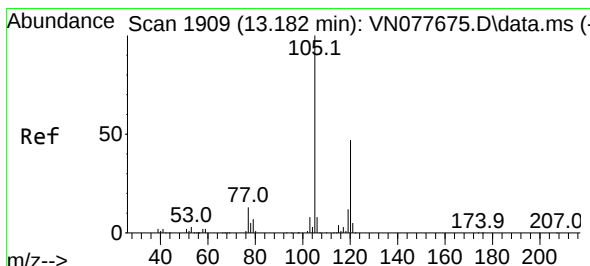
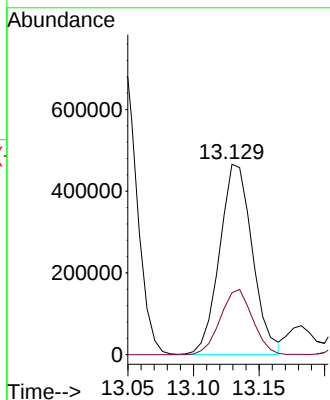
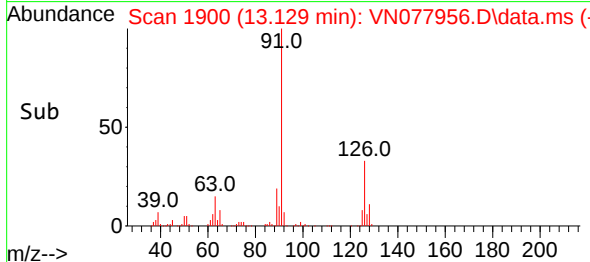
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



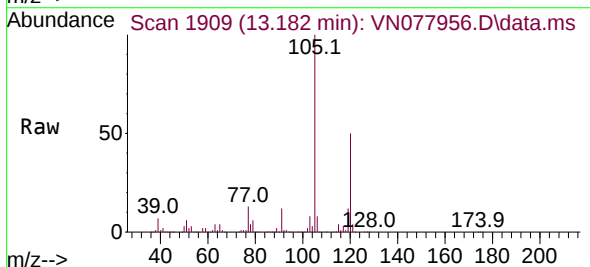
Tgt Ion: 91 Resp: 81143
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

Manual Integrations
APPROVED

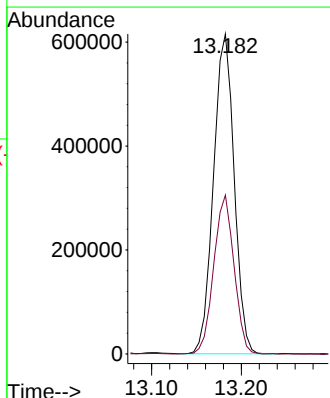
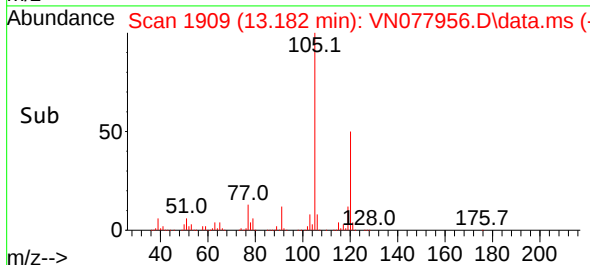
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

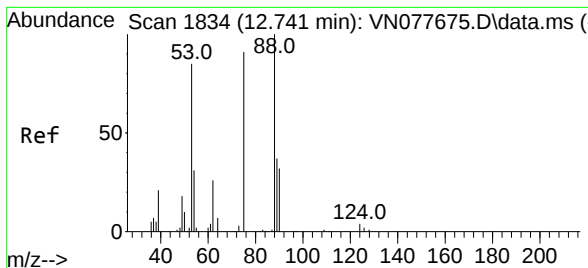


#80
1,3,5-Trimethylbenzene
Concen: 56.039 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



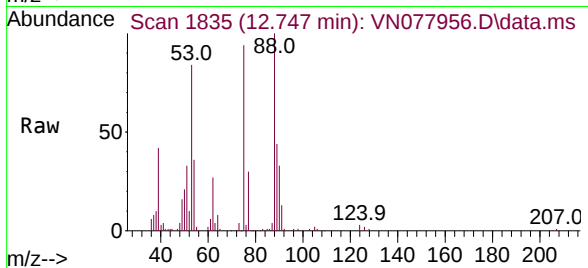
Tgt Ion:105 Resp: 983405
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.887 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

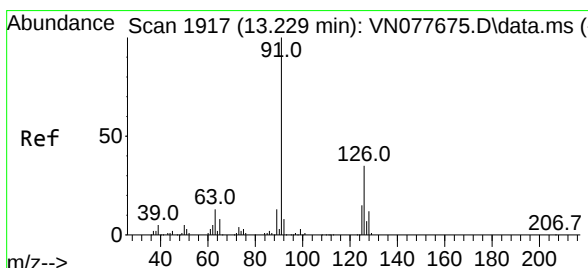
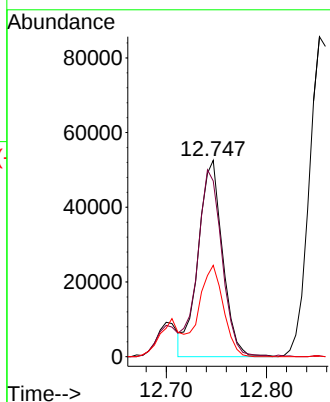
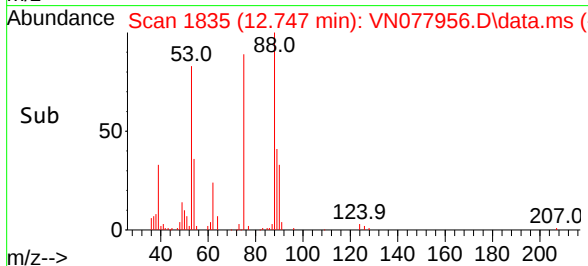
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 88978
Ion Ratio Lower Upper
75 100
53 96.5 67.4 101.2
89 46.3 38.8 58.2

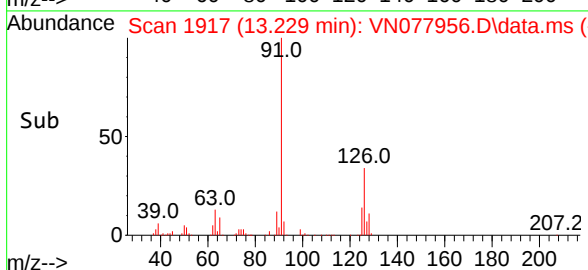
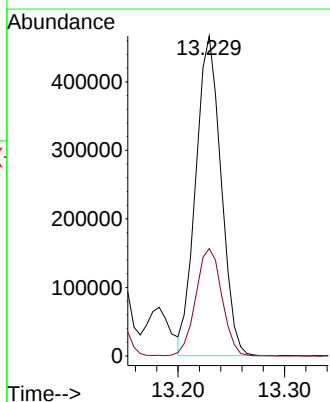
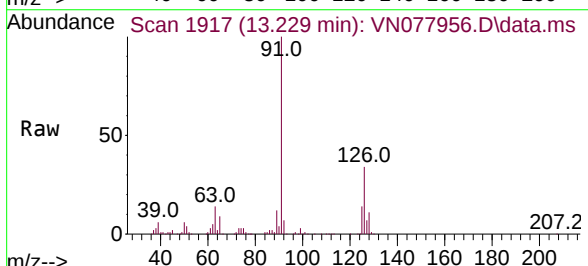
Manual Integrations
APPROVED

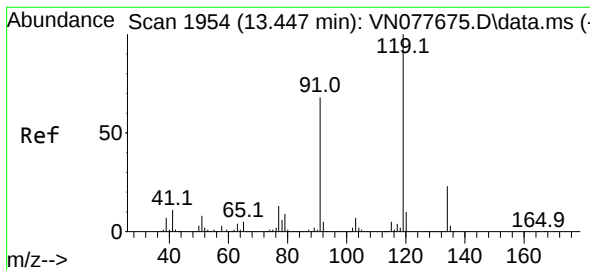
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 52.686 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion: 91 Resp: 769984
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





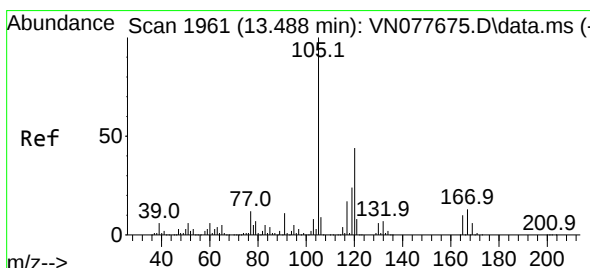
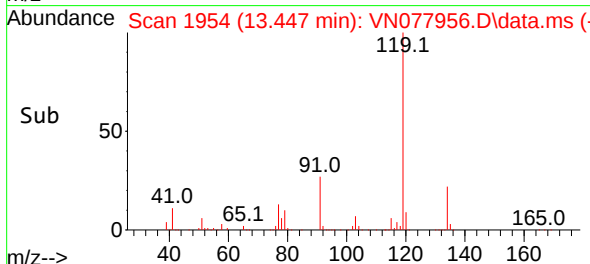
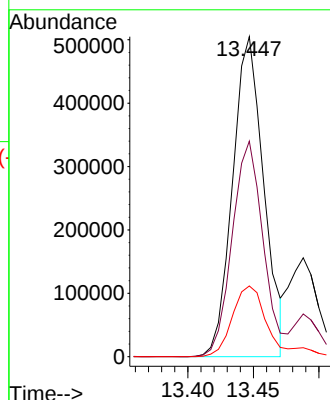
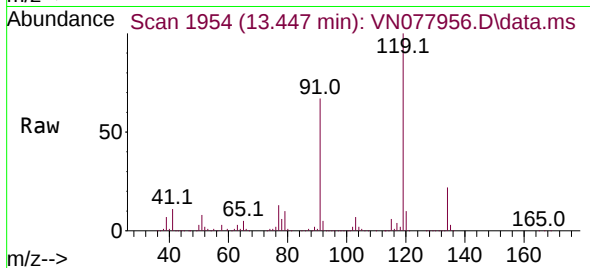
#83
tert-Butylbenzene
Concen: 54.566 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 83594
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 25.4 13.2 39.6

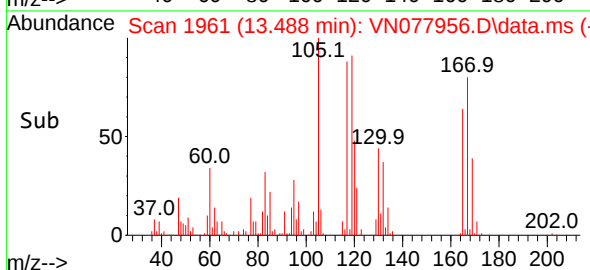
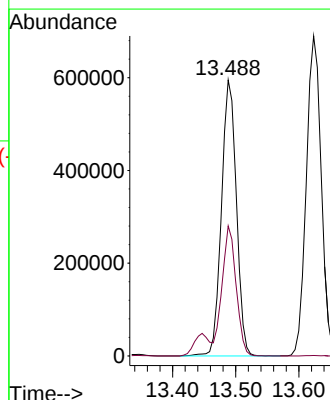
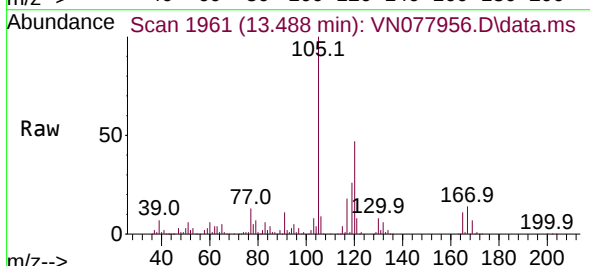
Manual Integrations
APPROVED

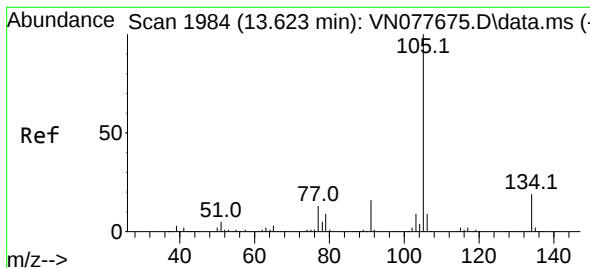
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.697 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

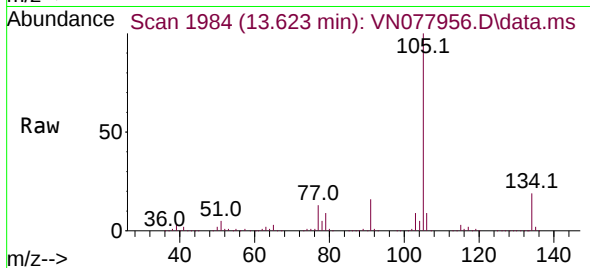
Tgt Ion:105 Resp: 978524
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.948 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51

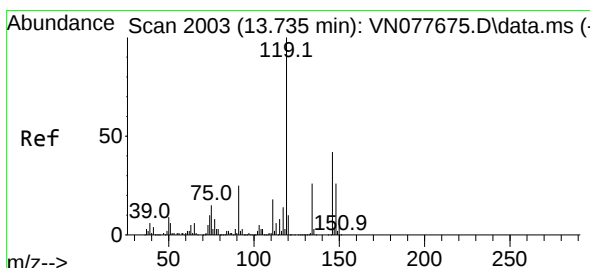
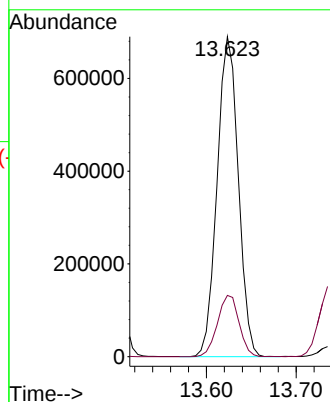
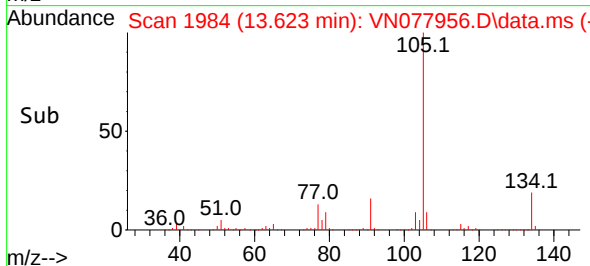
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



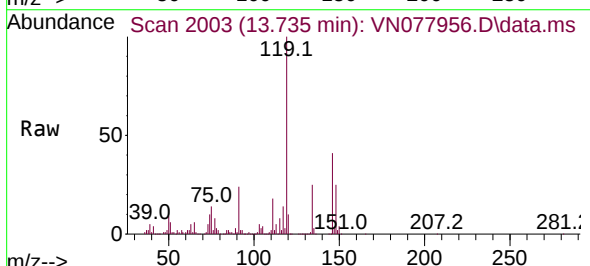
Tgt Ion:105 Resp: 1131010
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

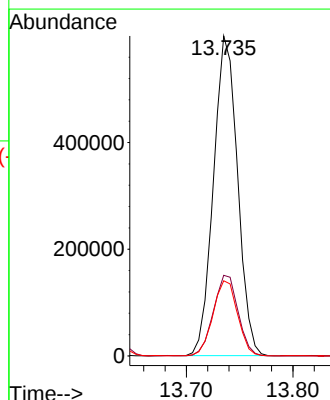
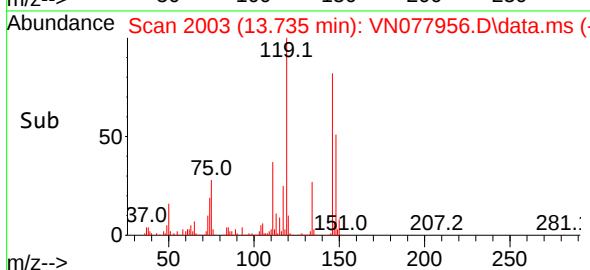
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

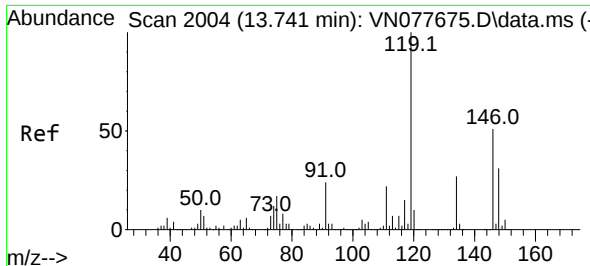


#86
 p-Isopropyltoluene
 Concen: 54.150 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077956.D
 Acq: 27 May 2023 04:51



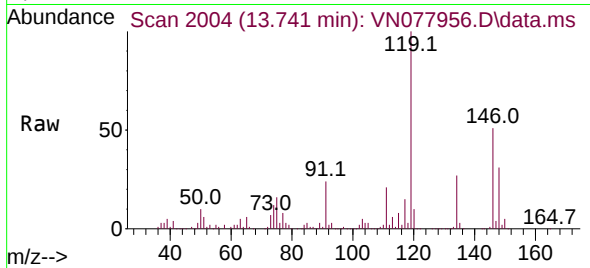
Tgt Ion:119 Resp: 939906
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 53.058 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

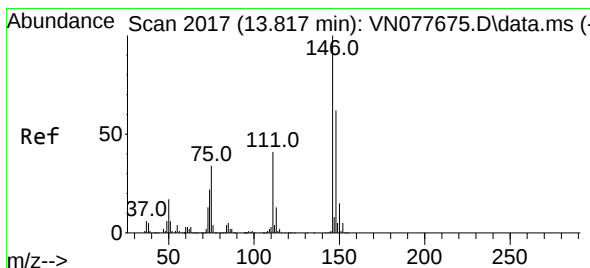
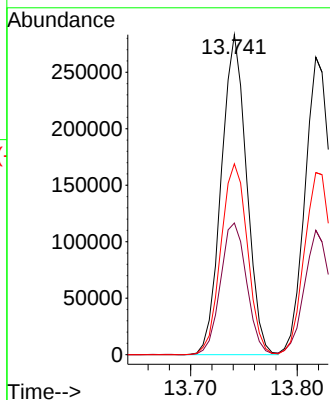
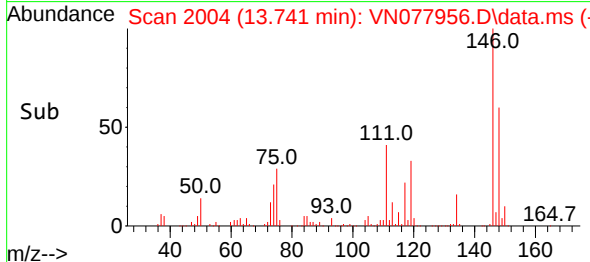
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 46754
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 62.5 32.0 96.0

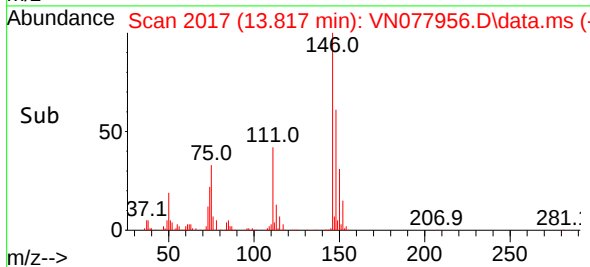
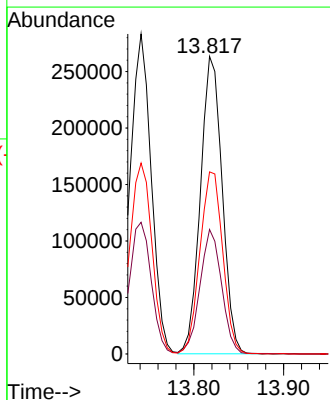
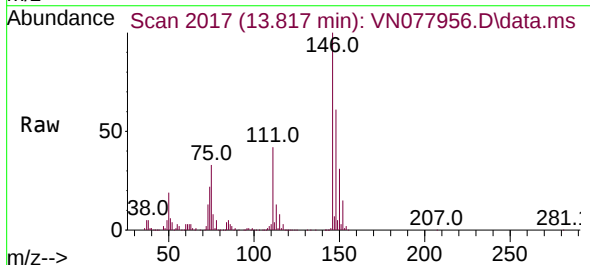
Manual Integrations
APPROVED

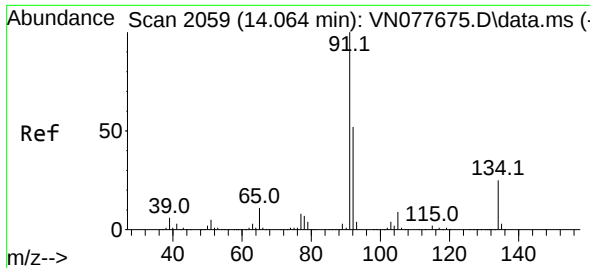
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#88
1,4-Dichlorobenzene
Concen: 50.686 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion:146 Resp: 443217
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 64.2 31.6 94.8





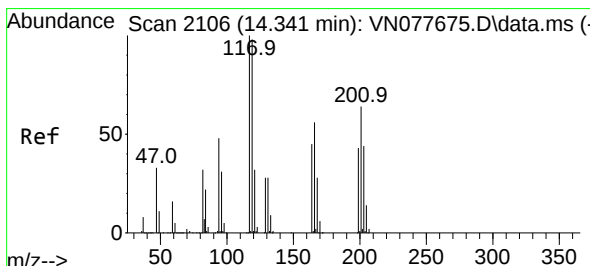
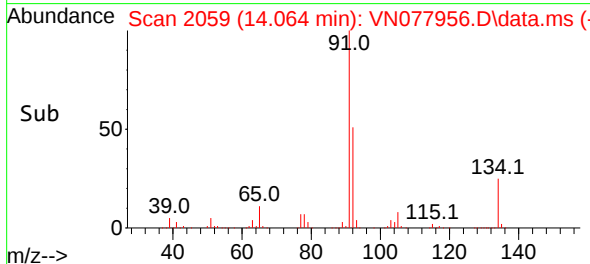
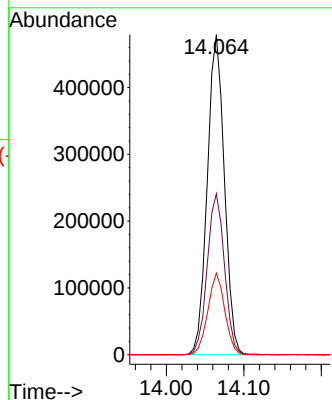
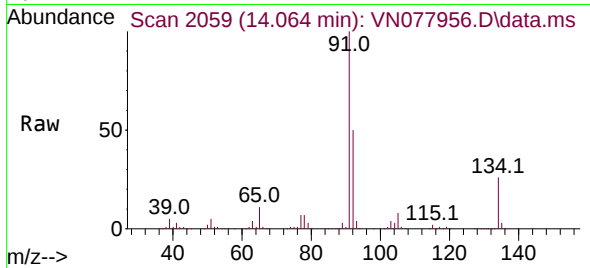
#89
n-Butylbenzene
Concen: 45.860 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 732149
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.2 12.6 37.6

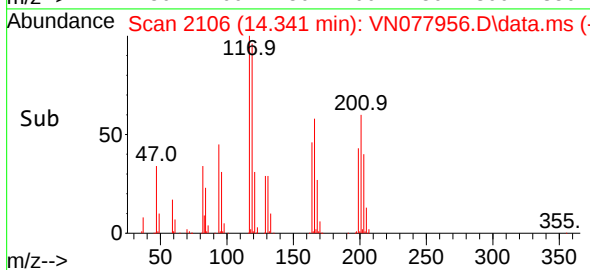
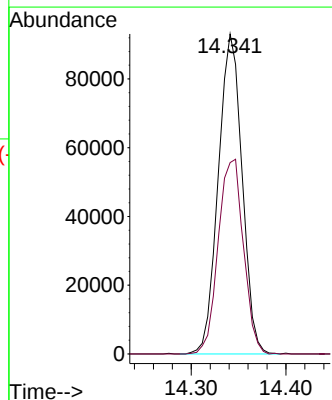
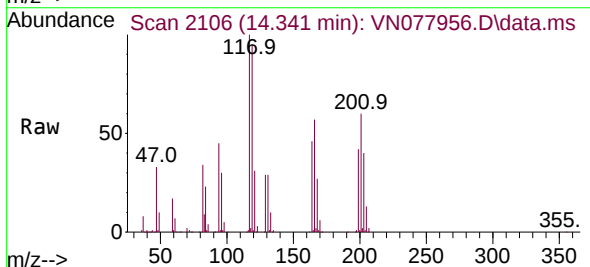
Manual Integrations
APPROVED

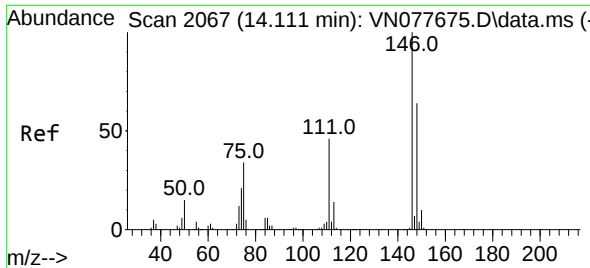
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#90
Hexachloroethane
Concen: 57.047 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

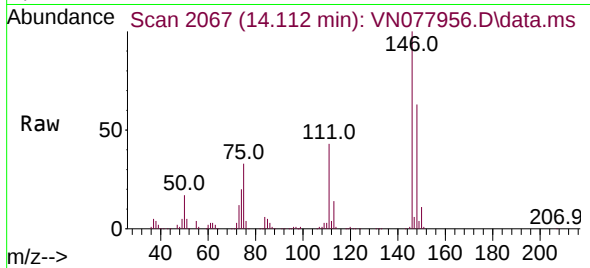
Tgt Ion:117 Resp: 162666
Ion Ratio Lower Upper
117 100
201 64.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 56.094 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

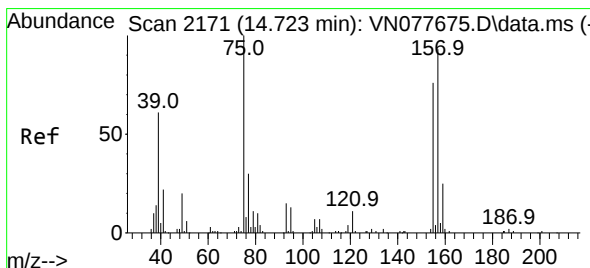
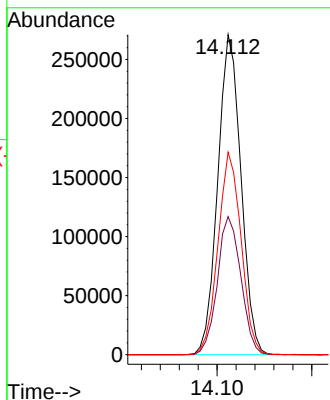
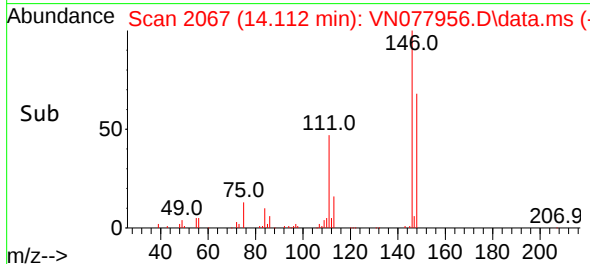
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



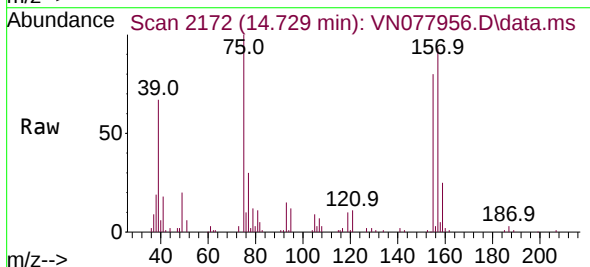
Tgt Ion:146 Resp: 46177
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.0 31.8 95.3

Manual Integrations
APPROVED

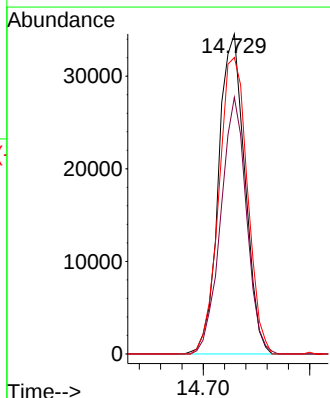
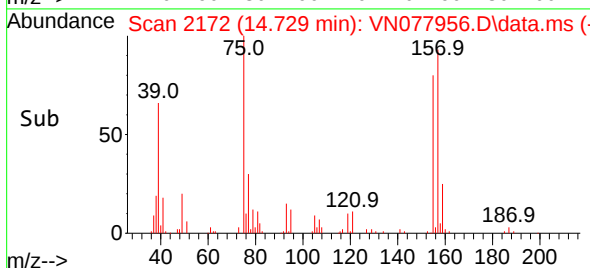
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

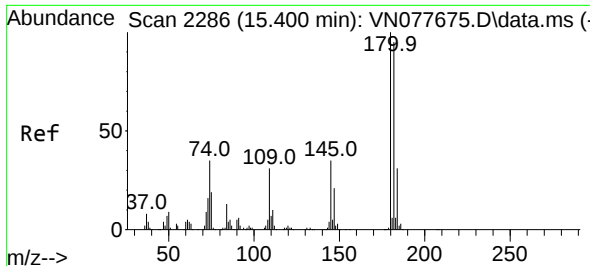


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.562 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



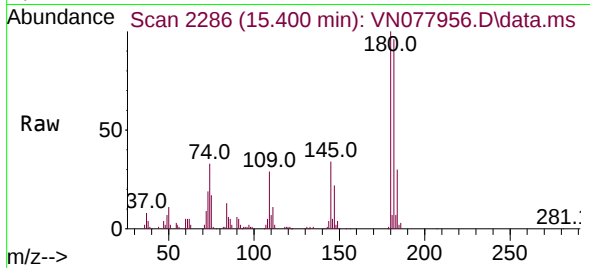
Tgt Ion: 75 Resp: 59148
Ion Ratio Lower Upper
75 100
155 78.5 39.1 117.2
157 100.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 38.283 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

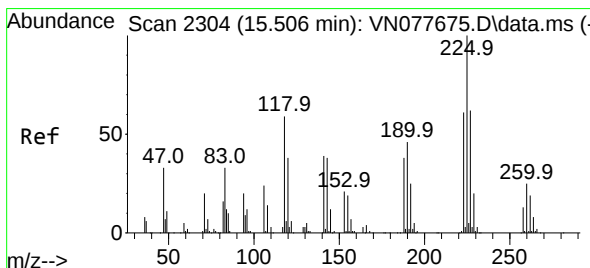
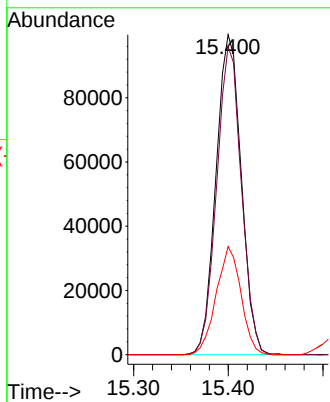
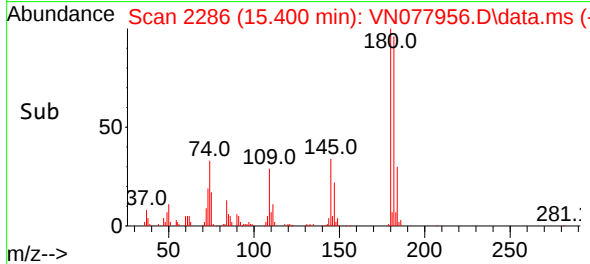
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



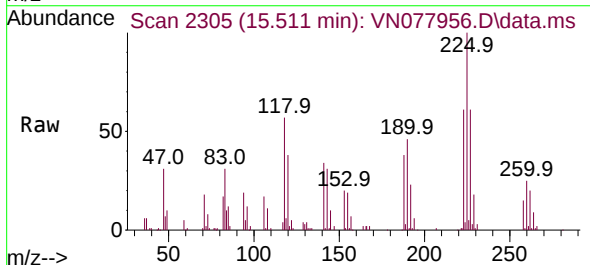
Tgt Ion:180 Resp: 184160
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 33.3 16.6 49.8

Manual Integrations
APPROVED

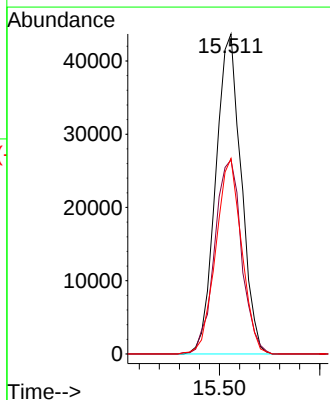
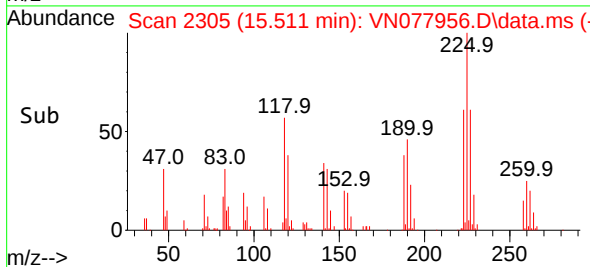
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

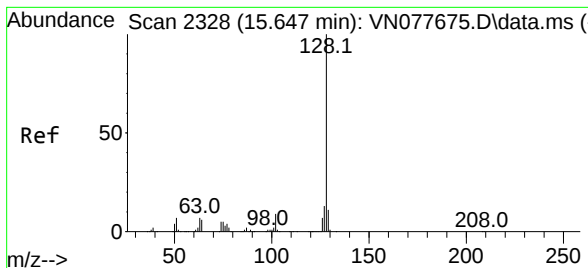


#94
Hexachlorobutadiene
Concen: 38.558 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51



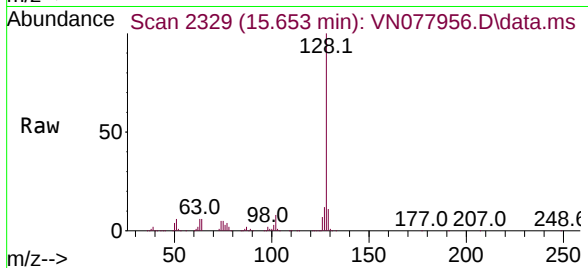
Tgt Ion:225 Resp: 77014
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 62.0 31.9 95.9





#95
Naphthalene
Concen: 36.259 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

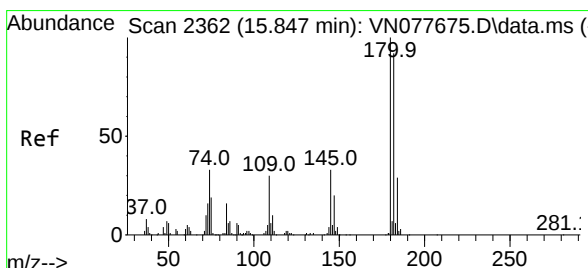
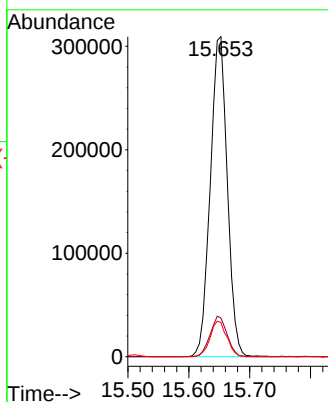
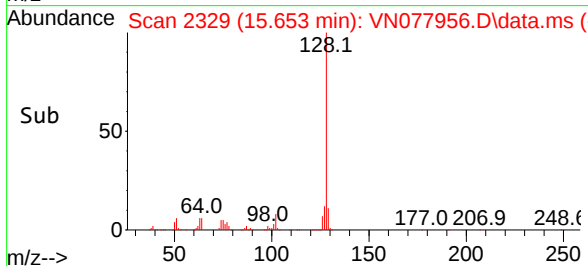
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 600389
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.458 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077956.D
Acq: 27 May 2023 04:51

Tgt Ion:180 Resp: 190560
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 35.2 17.5 52.6

