

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077914.D
 Acq On : 25 May 2023 20:02
 Operator : JC\MD
 Sample : 02944-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS

Quant Time: May 26 04:38:47 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 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	696858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279020	47.489	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.980%		
35) Dibromofluoromethane	8.171	113	246447	54.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.460%		
50) Toluene-d8	10.577	98	898868	51.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.853	95	308337	49.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	187238	41.898	ug/l	97
3) Chloromethane	2.371	50	214099	45.007	ug/l	99
4) Vinyl Chloride	2.518	62	274619	48.740	ug/l	99
5) Bromomethane	2.959	94	200894	48.210	ug/l	99
6) Chloroethane	3.124	64	195496	48.145	ug/l	97
7) Trichlorofluoromethane	3.506	101	393477	50.111	ug/l	97
8) Diethyl Ether	3.971	74	139754	48.753	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	212351	48.867	ug/l	99
10) Methyl Iodide	4.600	142	298235	57.548	ug/l	99
11) Tert butyl alcohol	5.524	59	167286	206.305	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	207427	50.223	ug/l	87
13) Acrolein	4.195	56	109115	211.928	ug/l	97
14) Allyl chloride	5.036	41	276254	45.532	ug/l	94
15) Acrylonitrile	5.730	53	500052	230.829	ug/l	99
16) Acetone	4.436	43	378696	204.868	ug/l	96
17) Carbon Disulfide	4.724	76	515153	46.292	ug/l	98
18) Methyl Acetate	5.036	43	337400	43.509	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	730827	48.887	ug/l	96
20) Methylene Chloride	5.289	84	247351	51.469	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	229592	49.488	ug/l #	83
22) Diisopropyl ether	6.683	45	695649	48.916	ug/l	94
23) Vinyl Acetate	6.618	43	1946042	220.860	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	437655	50.232	ug/l	97
25) 2-Butanone	7.489	43	624332	215.912	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	325719	44.004	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	278284	50.027	ug/l	90
28) Bromochloromethane	7.818	49	177505	47.108	ug/l	93
29) Tetrahydrofuran	7.847	42	412352	217.784	ug/l	86
30) Chloroform	7.977	83	481992	50.290	ug/l	94
31) Cyclohexane	8.265	56	365862	45.816	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	424808	52.134	ug/l	97
36) 1,1-Dichloropropene	8.383	75	354864	53.391	ug/l	97
37) Ethyl Acetate	7.565	43	254126	42.897	ug/l	94
38) Carbon Tetrachloride	8.371	117	367764	54.796	ug/l	99
39) Methylcyclohexane	9.606	83	389842	47.910	ug/l	95
40) Benzene	8.612	78	1045985	53.330	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077914.D
 Acq On : 25 May 2023 20:02
 Operator : JC\MD
 Sample : 02944-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS

Quant Time: May 26 04:38:47 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 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	141400	44.819	ug/l	95
42) 1,2-Dichloroethane	8.677	62	359278	50.427	ug/l	99
43) Isopropyl Acetate	8.694	43	452902	46.805	ug/l	96
44) Trichloroethene	9.359	130	280625	56.505	ug/l	94
45) 1,2-Dichloropropane	9.630	63	266968	53.363	ug/l	95
46) Dibromomethane	9.712	93	185266	51.752	ug/l	94
47) Bromodichloromethane	9.894	83	377375	55.061	ug/l	95
48) Methyl methacrylate	9.688	41	223835	48.790	ug/l	90
49) 1,4-Dioxane	9.700	88	82326	950.094	ug/l #	95
51) 4-Methyl-2-Pentanone	10.453	43	1399493	243.316	ug/l	93
52) Toluene	10.635	92	676926	55.438	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	385127	53.063	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	415860	51.994	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	262391	54.120	ug/l	99
56) Ethyl methacrylate	10.882	69	378284	51.604	ug/l	91
57) 1,3-Dichloropropane	11.171	76	436335	52.498	ug/l	100
59) 2-Hexanone	11.200	43	980733	230.525	ug/l	93
60) Dibromochloromethane	11.371	129	280308	56.004	ug/l	98
61) 1,2-Dibromoethane	11.476	107	265022	54.794	ug/l	100
64) Tetrachloroethene	11.112	164	259118	60.544	ug/l	99
65) Chlorobenzene	11.900	112	717051	54.046	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	266562	58.066	ug/l	98
67) Ethyl Benzene	11.971	91	1293176	54.391	ug/l	99
68) m/p-Xylenes	12.076	106	1000019	111.004	ug/l	99
69) o-Xylene	12.406	106	495841	55.966	ug/l	99
70) Styrene	12.418	104	753034	53.504	ug/l	98
71) Bromoform	12.582	173	174669	57.196	ug/l #	100
73) Isopropylbenzene	12.700	105	1265552	56.004	ug/l	99
74) N-amyl acetate	12.500	43	368102	44.070	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	345238	49.661	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	340428m	51.853	ug/l	
77) Bromobenzene	12.988	156	280976	54.485	ug/l	95
78) n-propylbenzene	13.041	91	1428217	53.610	ug/l	100
79) 2-Chlorotoluene	13.129	91	857709	53.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1032313	54.354	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	96666	47.066	ug/l	92
82) 4-Chlorotoluene	13.229	91	812924	51.395	ug/l	99
83) tert-Butylbenzene	13.447	119	876944	52.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1044050	55.895	ug/l	99
85) sec-Butylbenzene	13.623	105	1198523	50.864	ug/l	100
86) p-Isopropyltoluene	13.735	119	997831	53.117	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	495978	52.006	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	474703	50.160	ug/l	100
89) n-Butylbenzene	14.065	91	783834	45.365	ug/l	98
90) Hexachloroethane	14.341	117	161763	52.418	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	485405	54.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58936	43.789	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	199291	38.278	ug/l	97
94) Hexachlorobutadiene	15.506	225	88164	40.785	ug/l	99
95) Naphthalene	15.647	128	640426	35.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	198571	38.954	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
Data File : VN077914.D
Acq On : 25 May 2023 20:02
Operator : JC\MD
Sample : 02944-04MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS

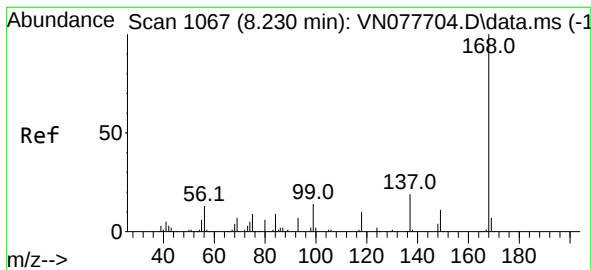
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 26 04:38:47 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

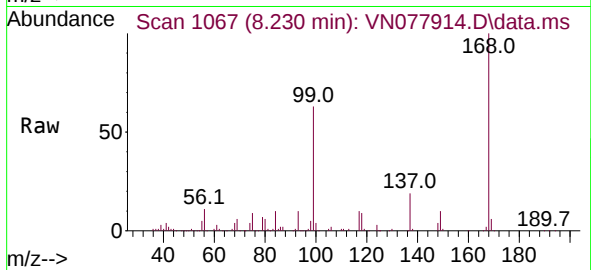
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

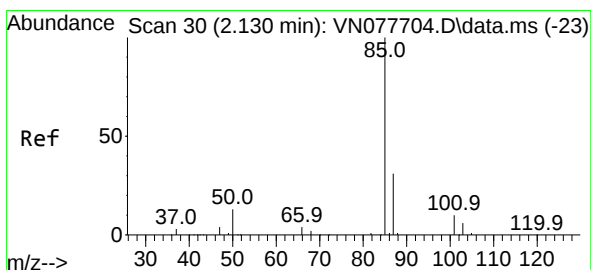
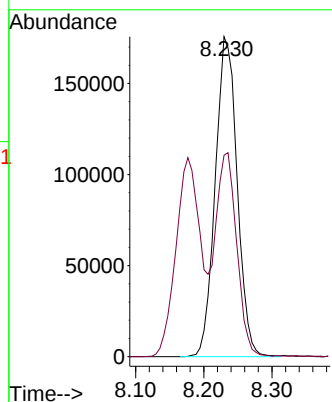
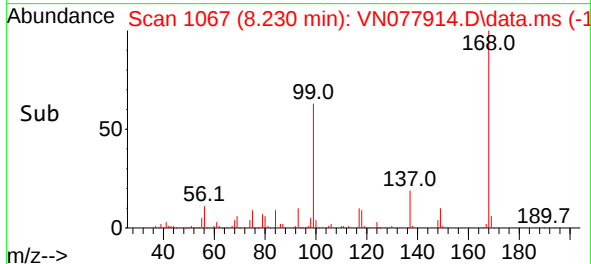
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



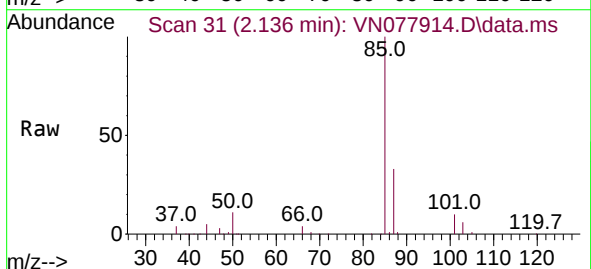
Tgt Ion:168 Resp: 392670
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6

Manual Integrations
APPROVED

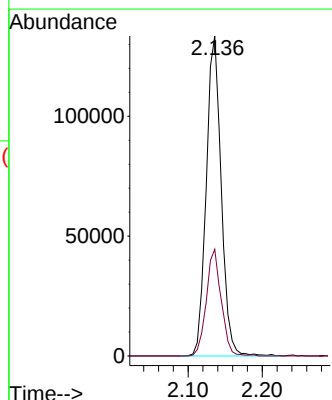
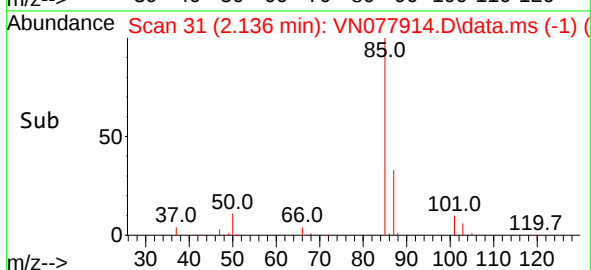
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

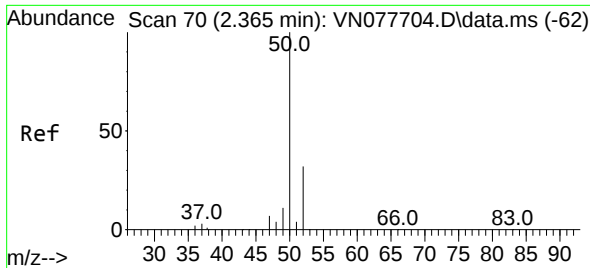


#2
Dichlorodifluoromethane
Concen: 41.898 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



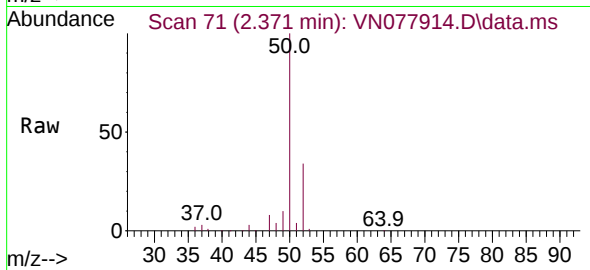
Tgt Ion: 85 Resp: 187238
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 45.007 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

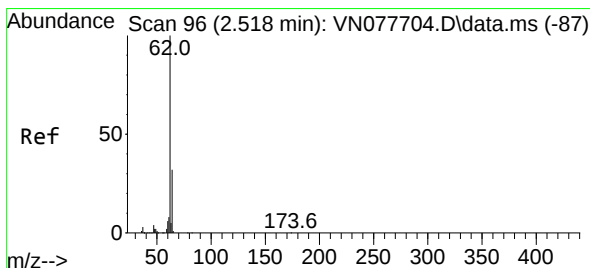
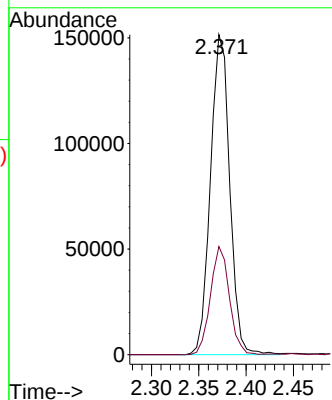
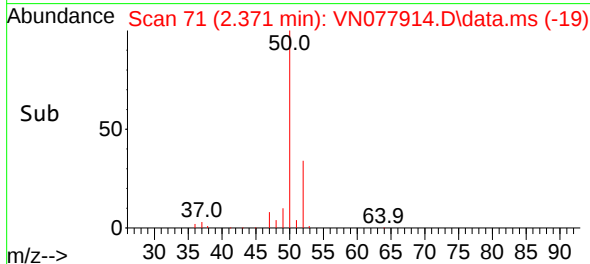
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 50 Resp: 214099
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

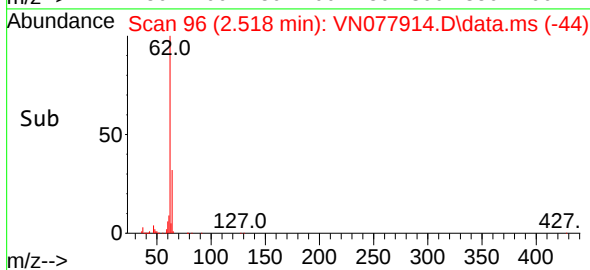
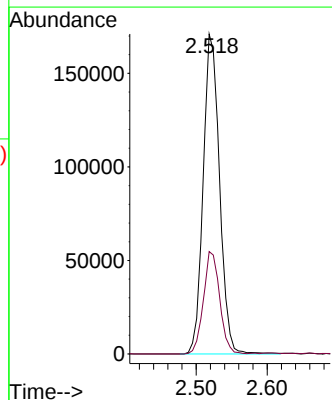
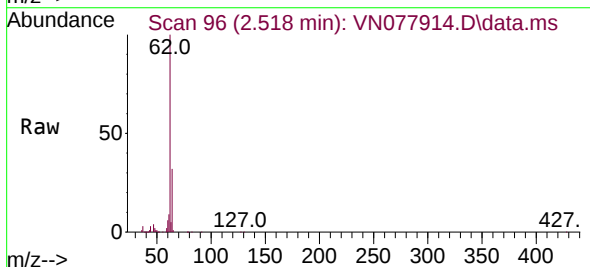
Manual Integrations
APPROVED

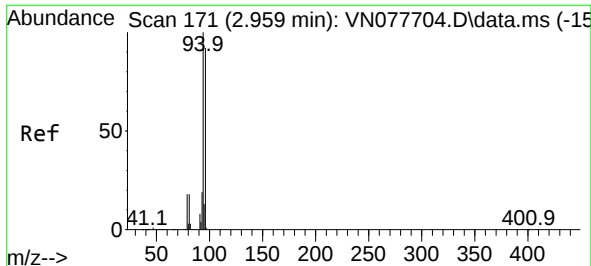
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#4
Vinyl Chloride
Concen: 48.740 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

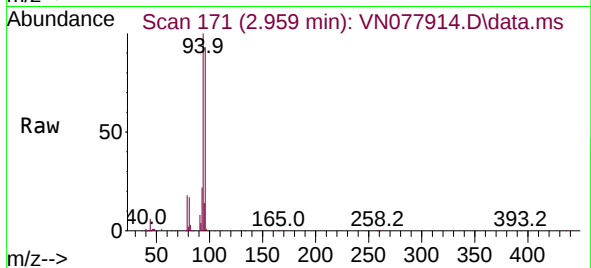
Tgt Ion: 62 Resp: 274619
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 48.210 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

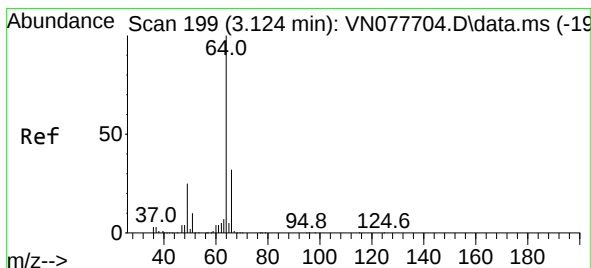
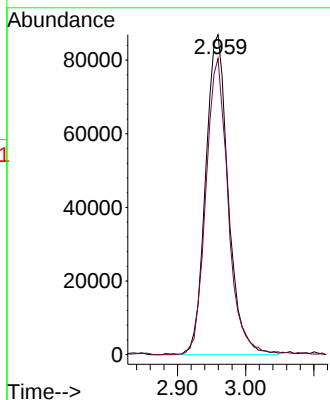
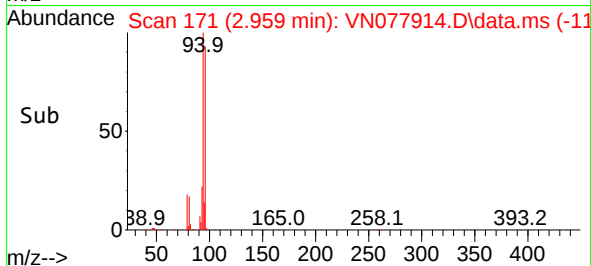
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 94 Resp: 200894
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7

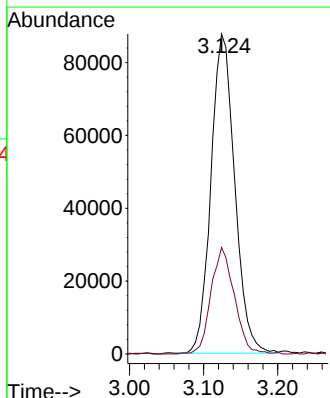
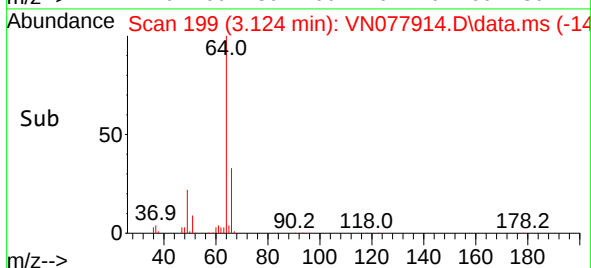
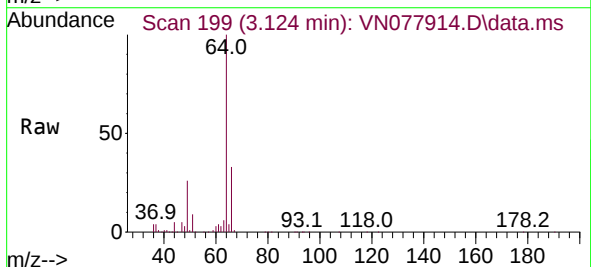
Manual Integrations
APPROVED

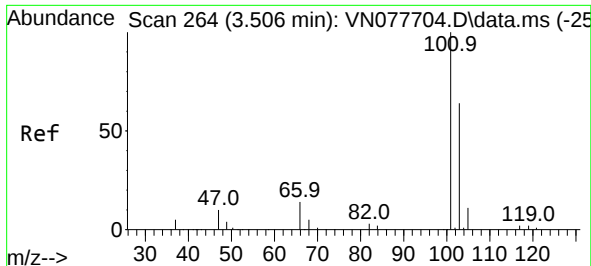
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#6
Chloroethane
Concen: 48.145 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

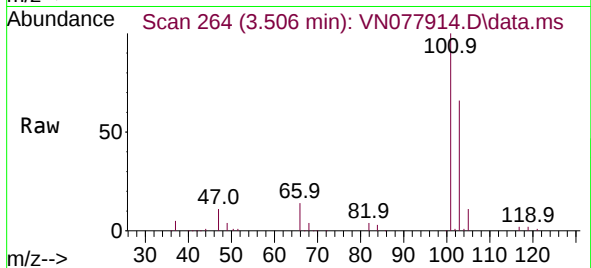
Tgt Ion: 64 Resp: 195496
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 50.111 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

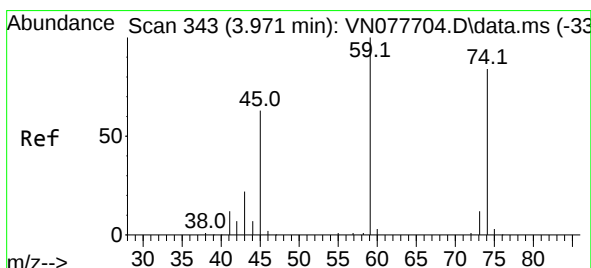
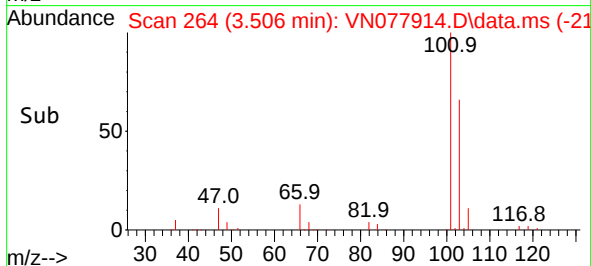
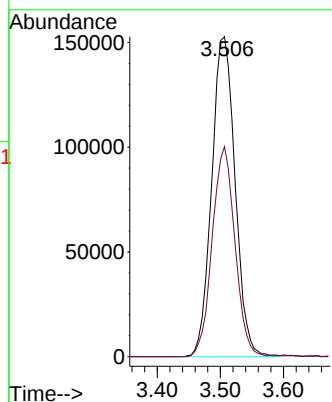
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion:101 Resp: 39347
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

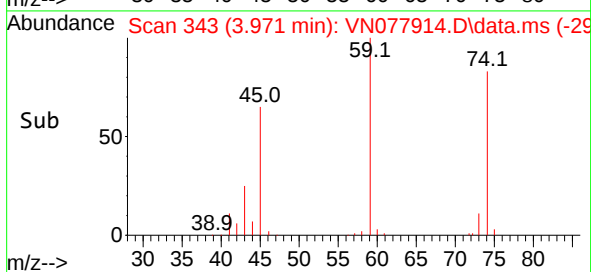
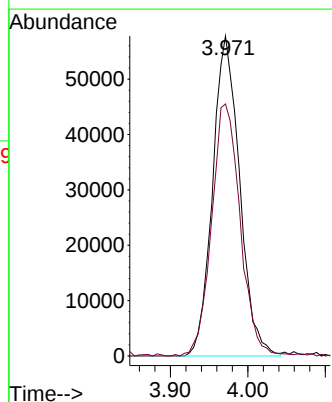
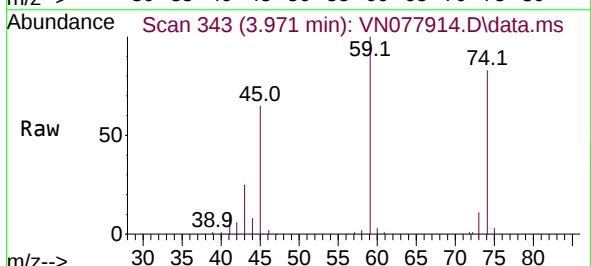
Manual Integrations
APPROVED

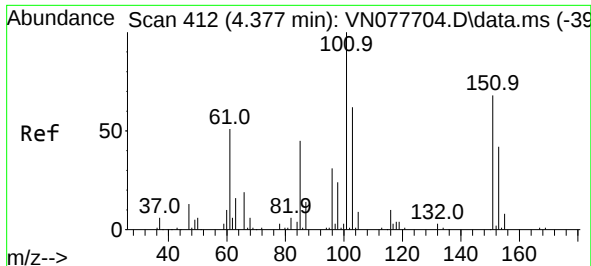
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#8
Diethyl Ether
Concen: 48.753 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

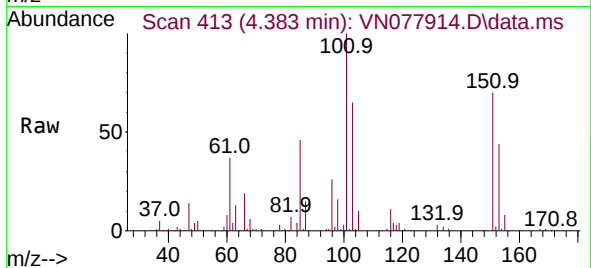
Tgt Ion: 74 Resp: 139754
Ion Ratio Lower Upper
74 100
45 83.5 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.867 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

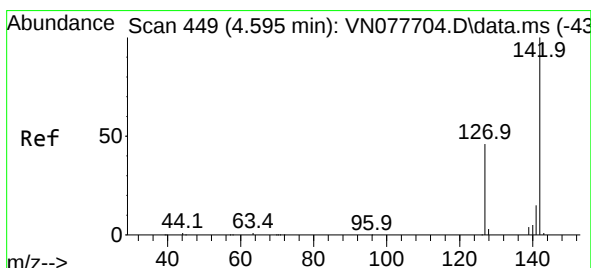
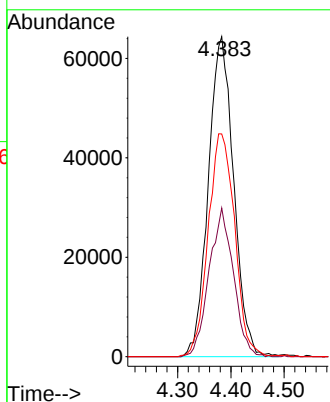
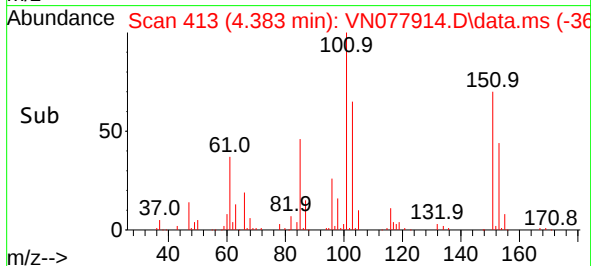
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



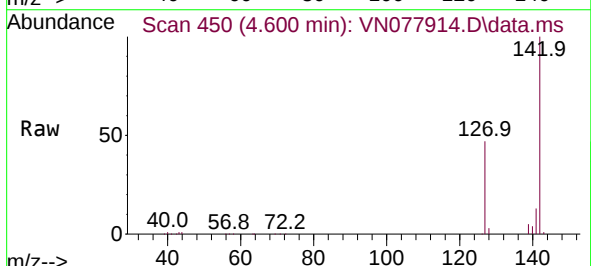
Tgt Ion:101 Resp: 21235
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 73.0 57.6 86.4

Manual Integrations
APPROVED

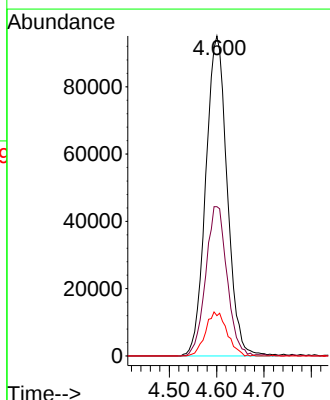
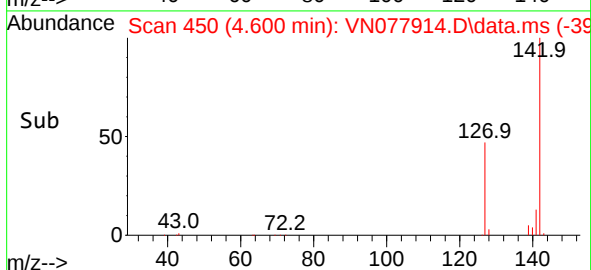
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

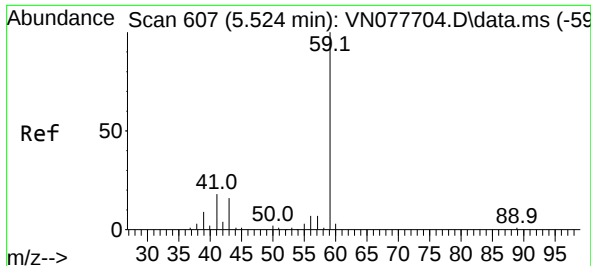


#10
Methyl Iodide
Concen: 57.548 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



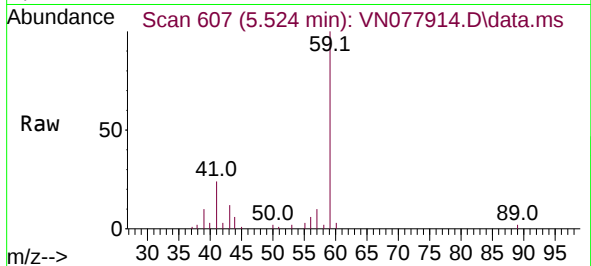
Tgt Ion:142 Resp: 298235
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 12.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 206.305 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

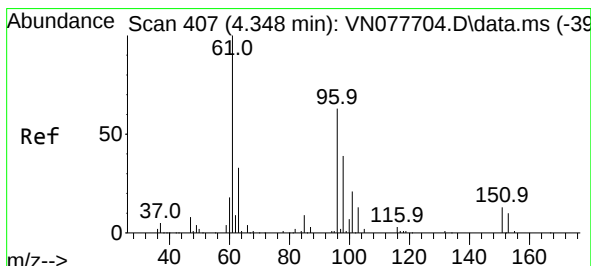
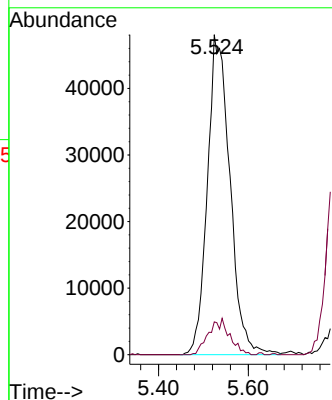
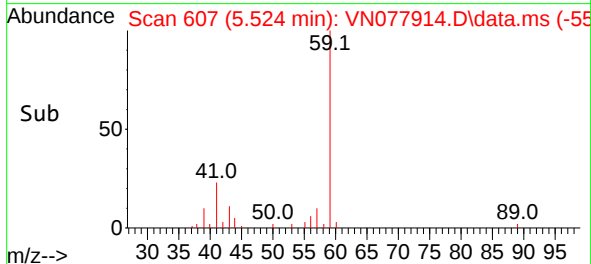
Instrument :
MSVOA_N
Client Sample Id :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 59 Resp: 167280
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.4

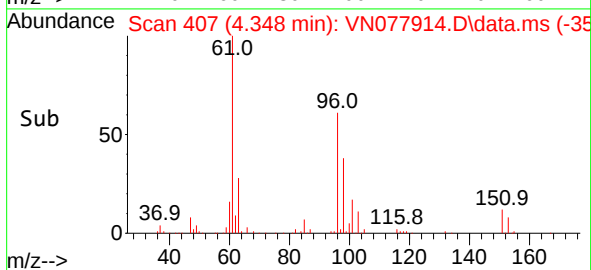
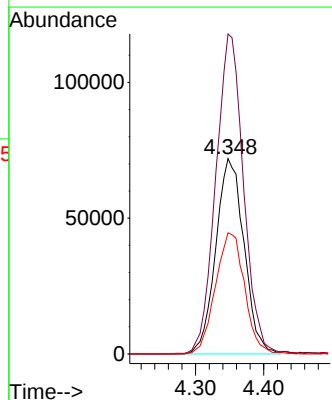
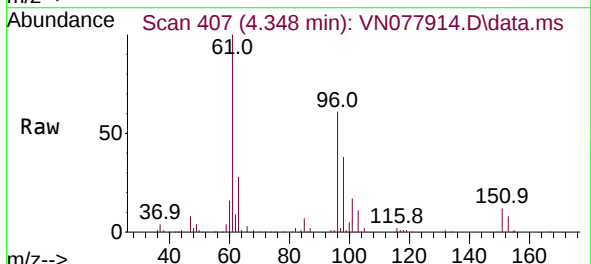
Manual Integrations
APPROVED

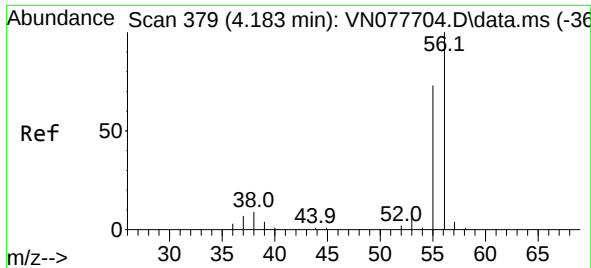
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#12
1,1-Dichloroethene
Concen: 50.223 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

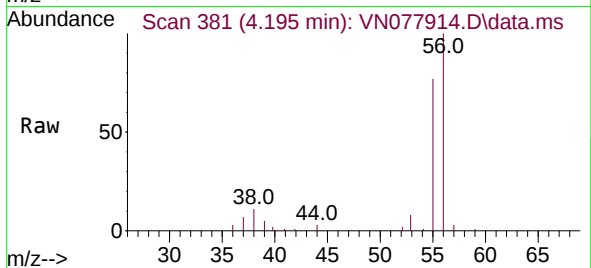
Tgt Ion: 96 Resp: 207427
Ion Ratio Lower Upper
96 100
61 163.4 112.7 169.1
98 62.0 51.2 76.8





#13
Acrolein
Concen: 211.928 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

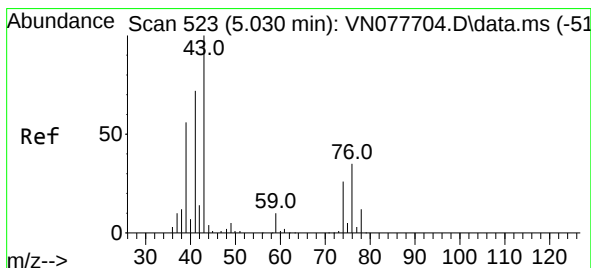
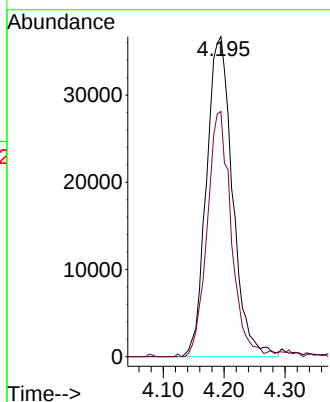
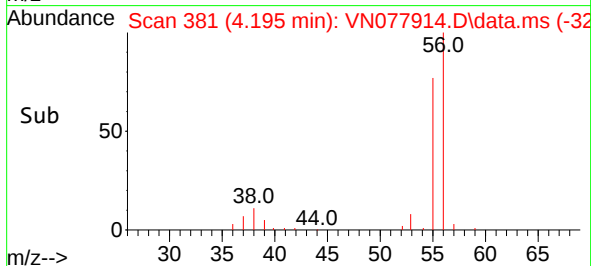
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 56 Resp: 109115
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

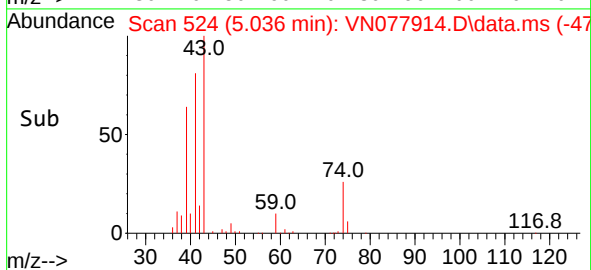
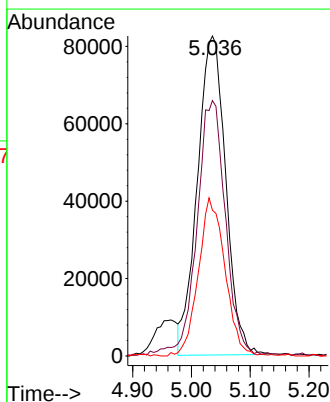
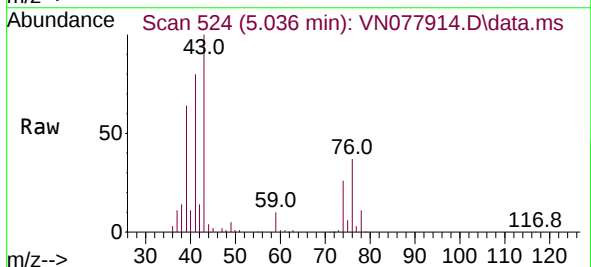
Manual Integrations
APPROVED

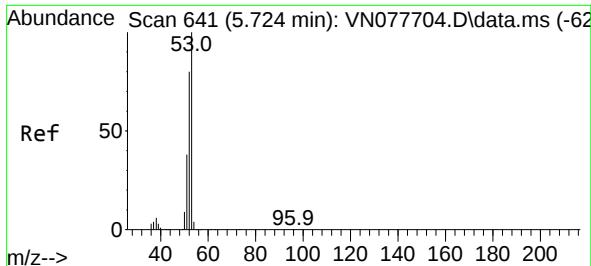
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#14
Allyl chloride
Concen: 45.532 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

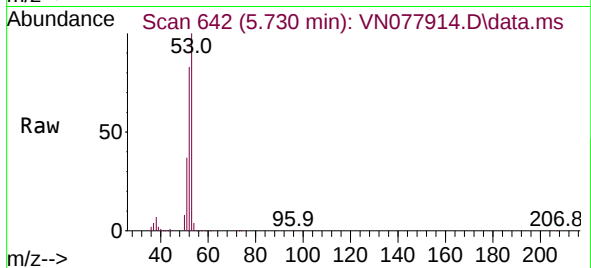
Tgt Ion: 41 Resp: 276254
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 46.6 39.1 58.7





#15
Acrylonitrile
Concen: 230.829 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

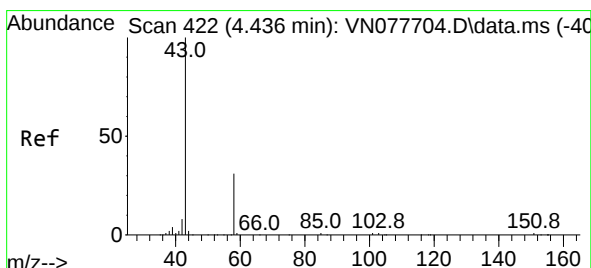
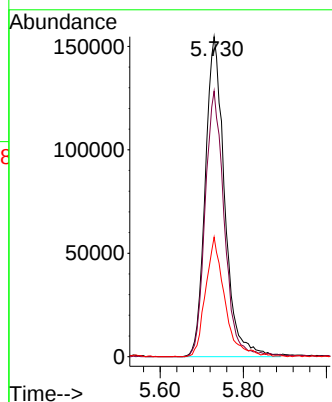
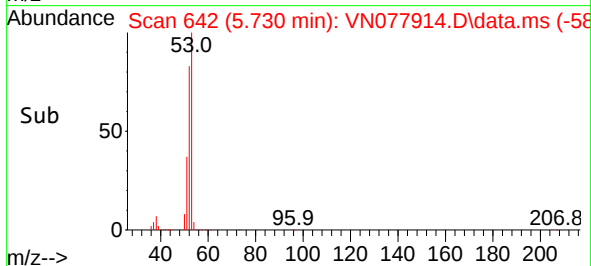
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 53 Resp: 500052
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.8 28.9 43.3

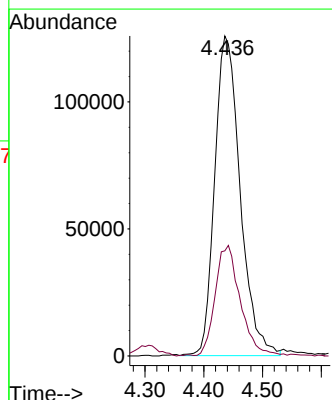
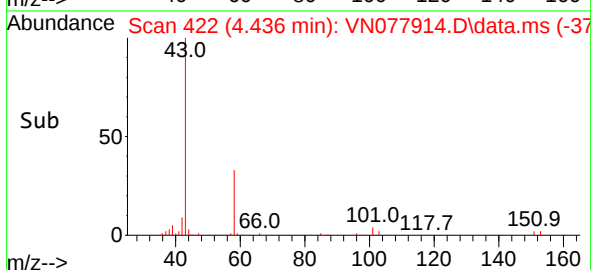
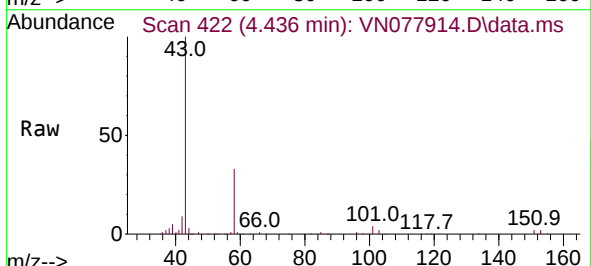
Manual Integrations
APPROVED

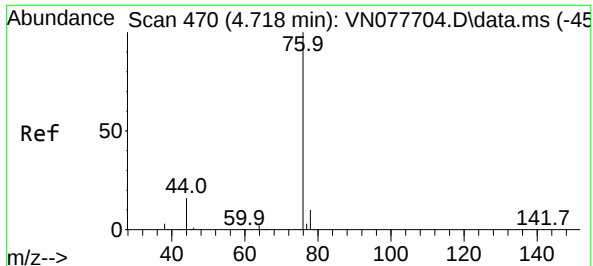
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#16
Acetone
Concen: 204.868 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

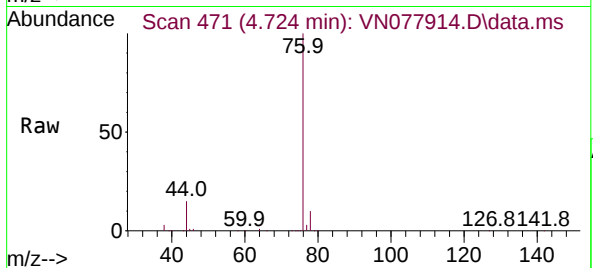
Tgt Ion: 43 Resp: 378696
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





#17
Carbon Disulfide
Concen: 46.292 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

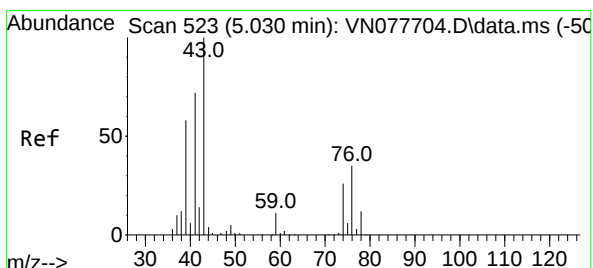
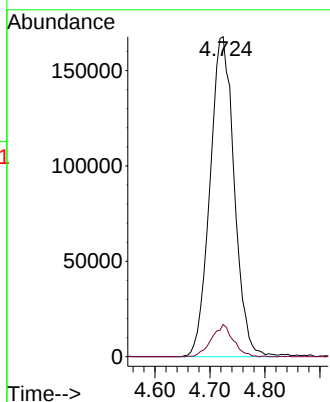
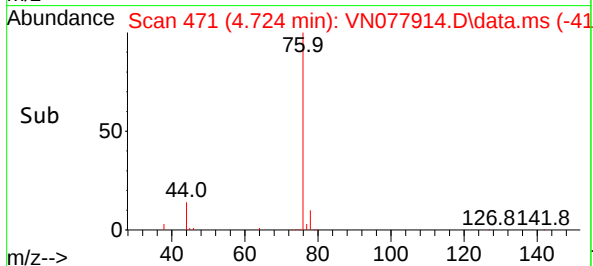
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 76 Resp: 51515
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

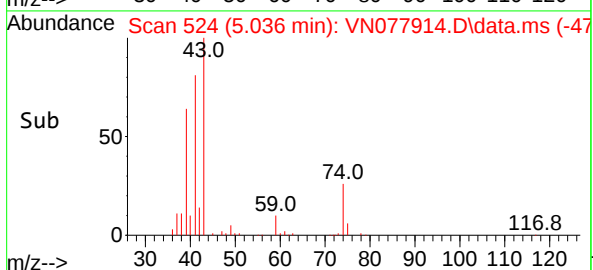
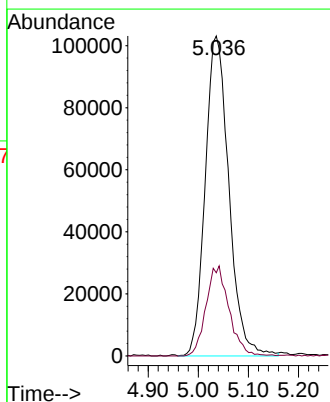
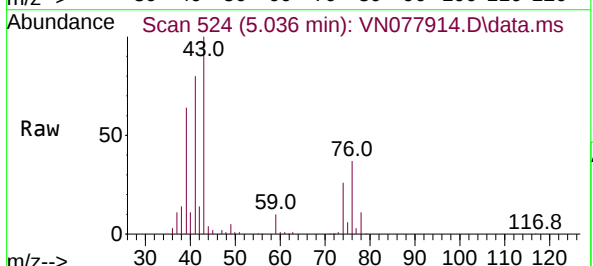
Manual Integrations
APPROVED

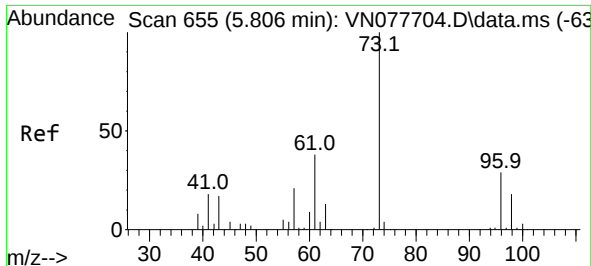
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#18
Methyl Acetate
Concen: 43.509 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

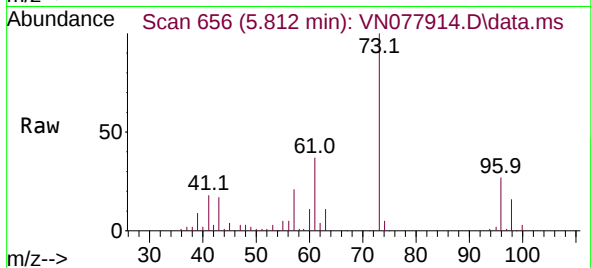
Tgt Ion: 43 Resp: 337400
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 48.887 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

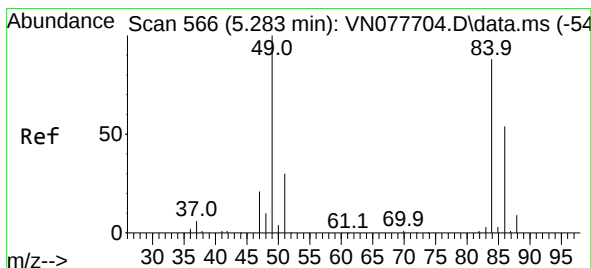
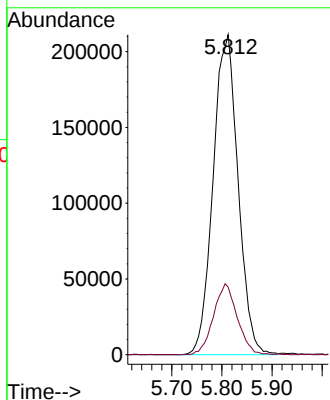
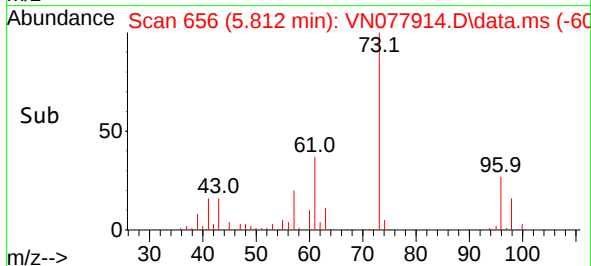
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 73 Resp: 73082
Ion Ratio Lower Upper
73 100
57 21.2 15.6 23.4

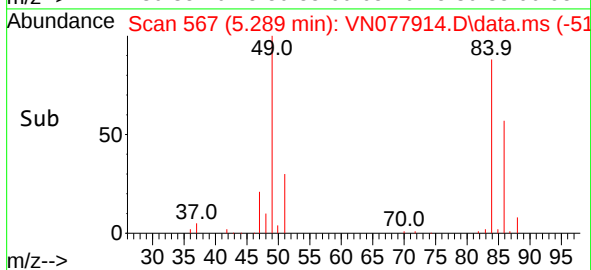
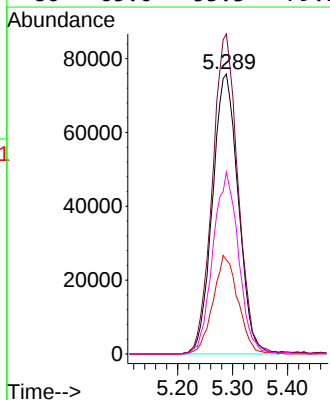
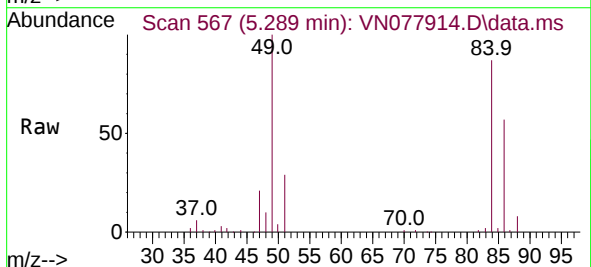
Manual Integrations
APPROVED

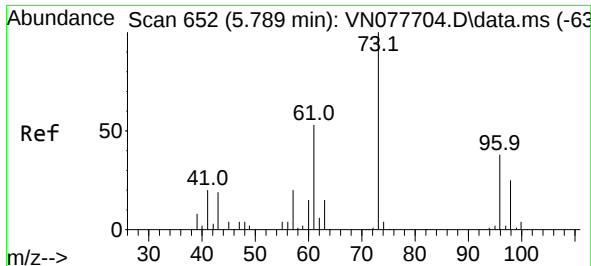
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#20
Methylene Chloride
Concen: 51.469 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

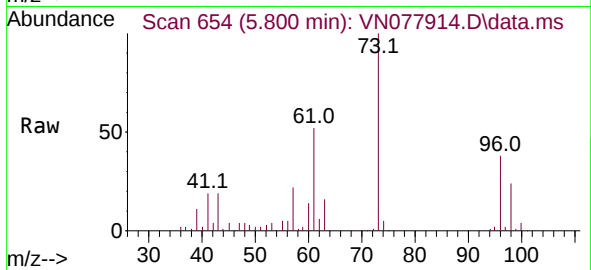
Tgt Ion: 84 Resp: 247351
Ion Ratio Lower Upper
84 100
49 114.3 79.7 119.5
51 33.6 25.2 37.8
86 65.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.488 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

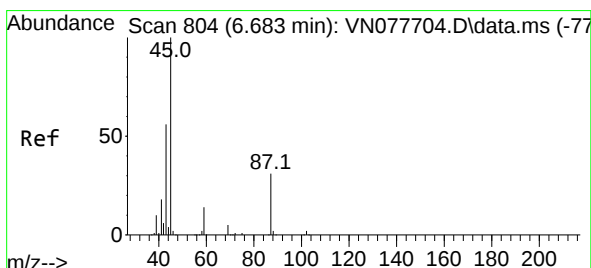
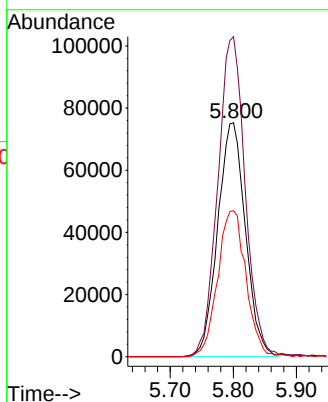
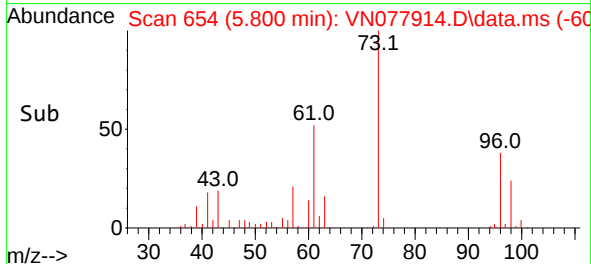
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 96 Resp: 229592
Ion Ratio Lower Upper
96 100
61 136.8 90.1 135.1
98 62.3 46.4 69.6

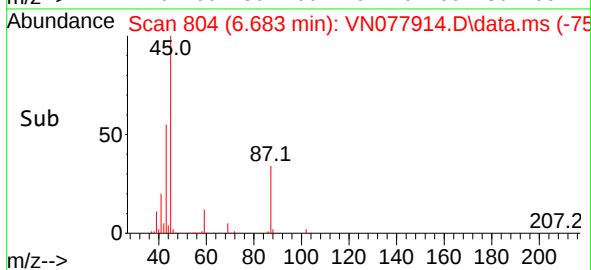
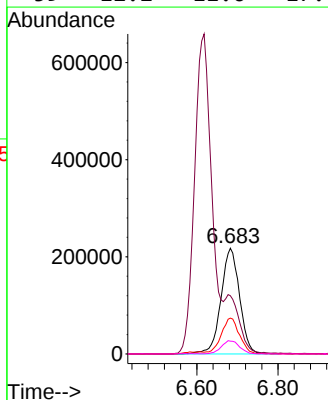
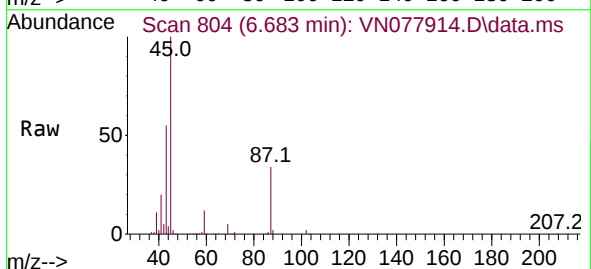
Manual Integrations
APPROVED

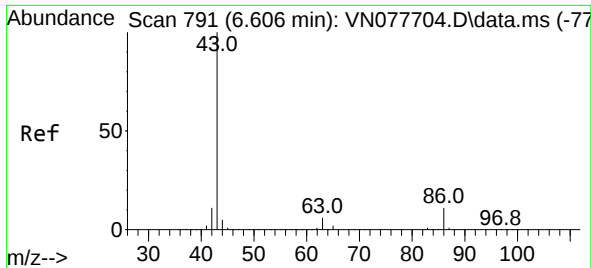
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#22
Diisopropyl ether
Concen: 48.916 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Tgt Ion: 45 Resp: 695649
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 34.0 31.8 47.8
59 12.2 11.6 17.4





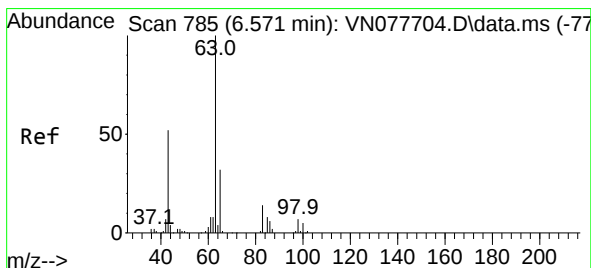
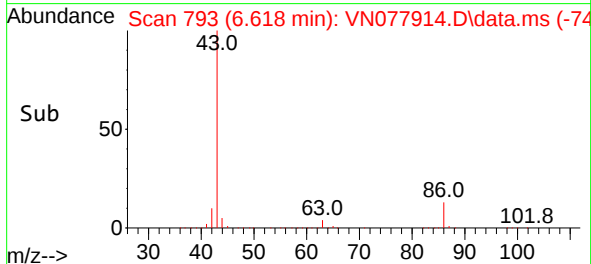
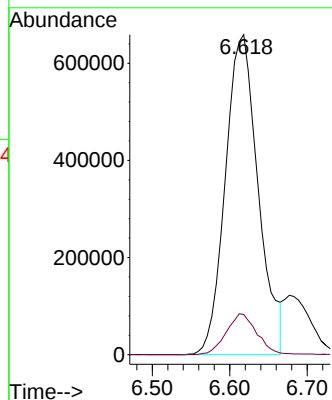
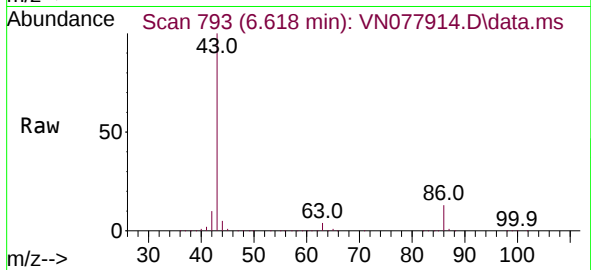
#23
 Vinyl Acetate
 Concen: 220.860 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS

Tgt Ion: 43 Resp: 194604
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

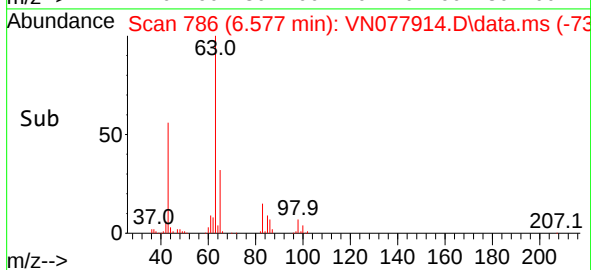
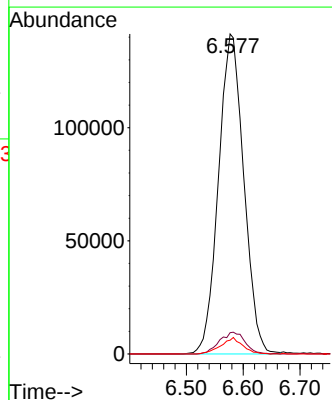
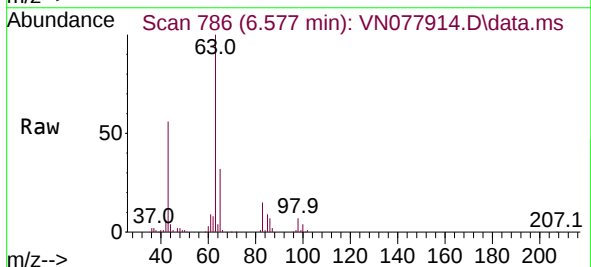
Manual Integrations
 APPROVED

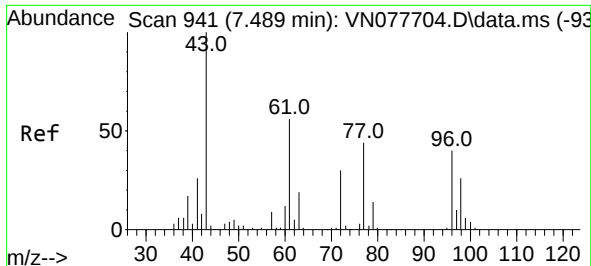
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#24
 1,1-Dichloroethane
 Concen: 50.232 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

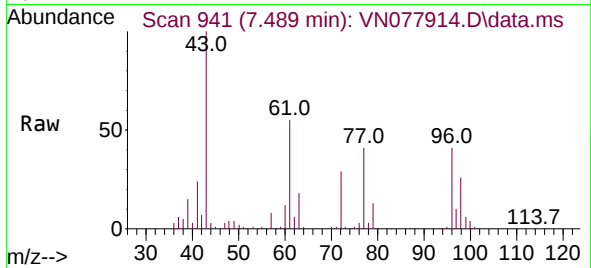
Tgt Ion: 63 Resp: 437655
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 215.912 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

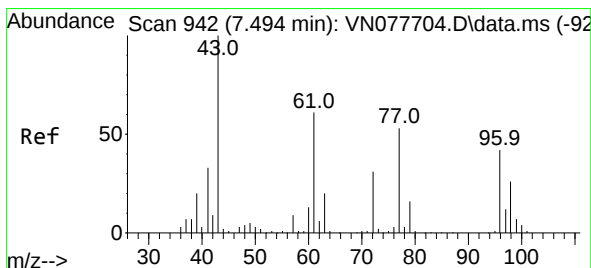
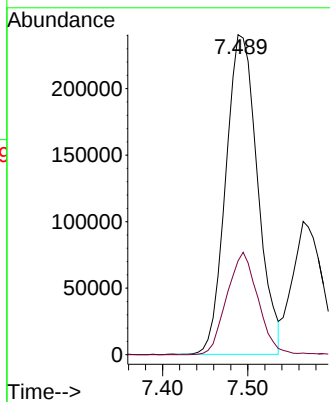
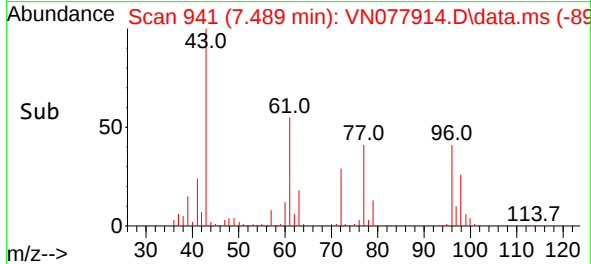
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 43 Resp: 62433
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

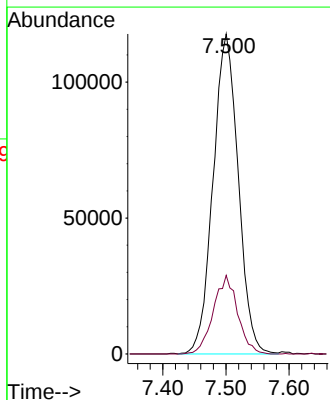
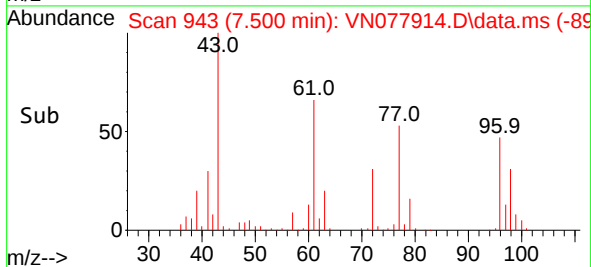
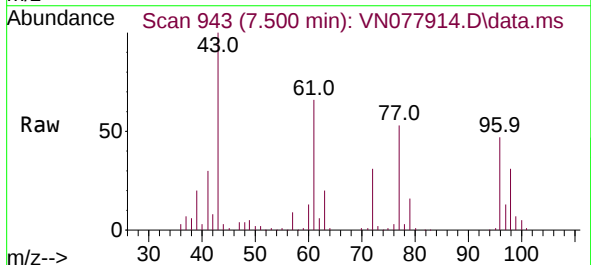
Manual Integrations
APPROVED

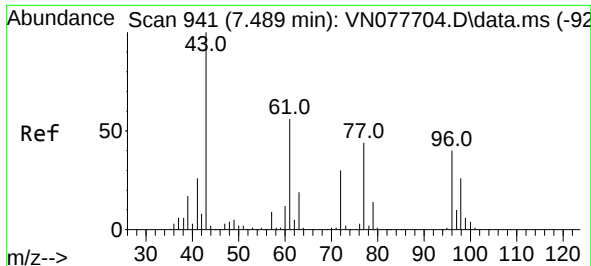
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#26
2,2-Dichloropropane
Concen: 44.004 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

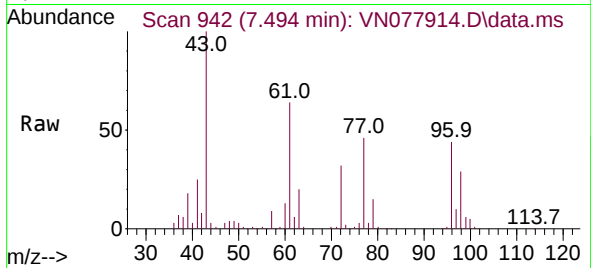
Tgt Ion: 77 Resp: 325719
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.027 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

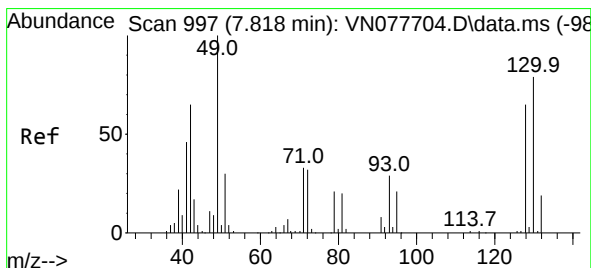
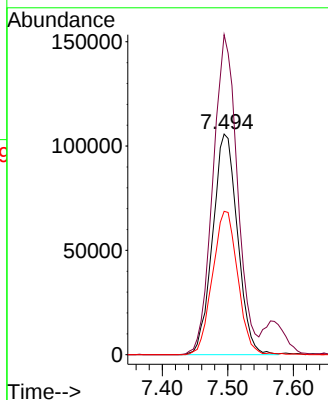
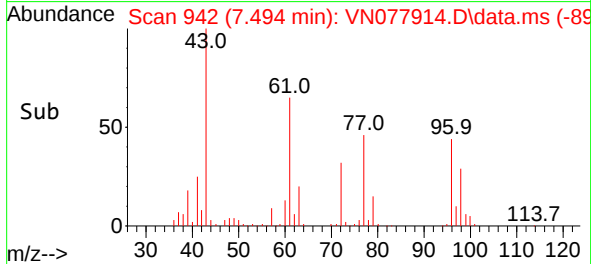
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS



Tgt Ion: 96 Resp: 278284
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 255.2
 98 65.6 0.0 128.8

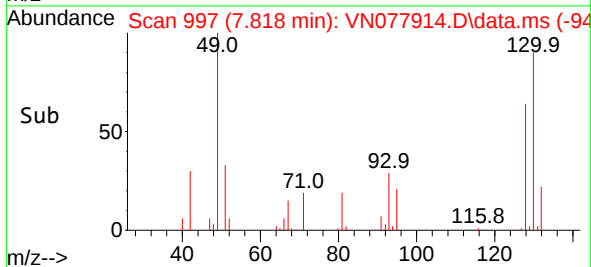
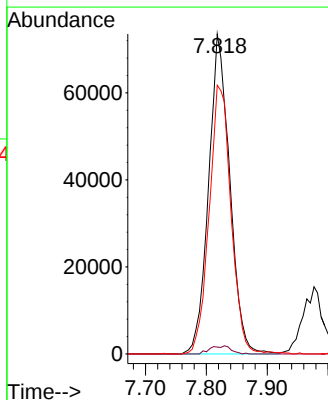
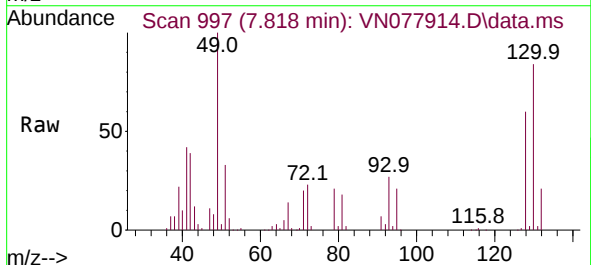
Manual Integrations
 APPROVED

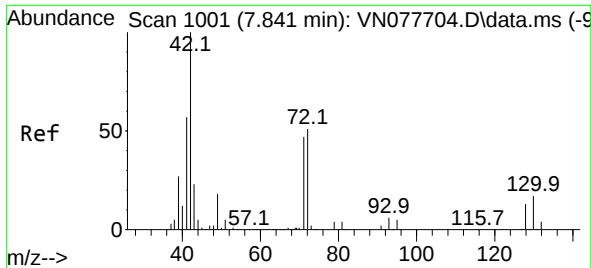
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#28
 Bromochloromethane
 Concen: 47.108 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

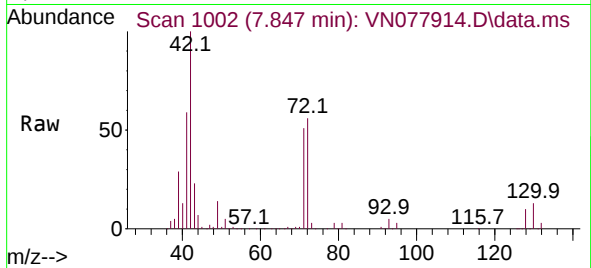
Tgt Ion: 49 Resp: 177505
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 86.8 75.3 112.9





#29
Tetrahydrofuran
Concen: 217.784 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

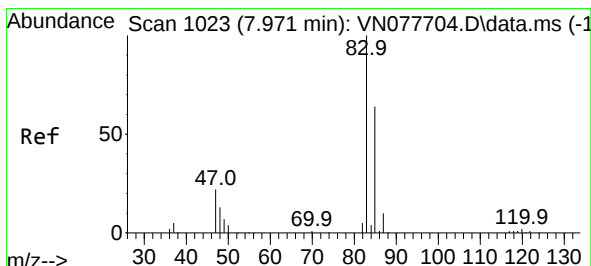
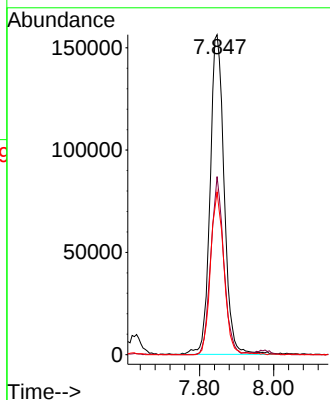
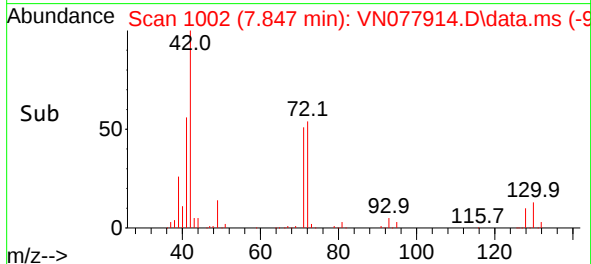
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 42 Resp: 412352
Ion Ratio Lower Upper
42 100
72 51.5 49.8 74.6
71 48.8 47.4 71.2

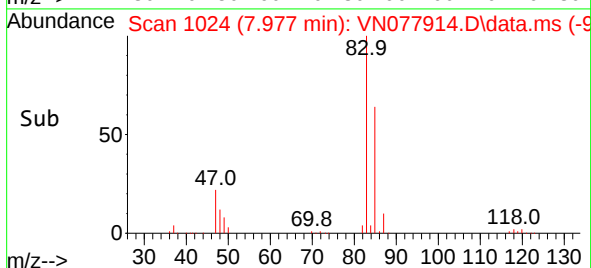
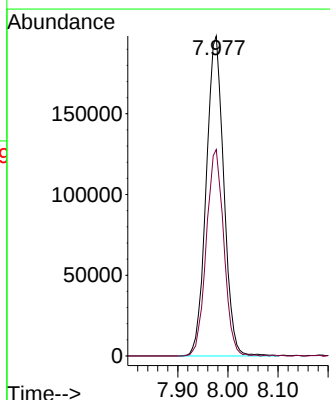
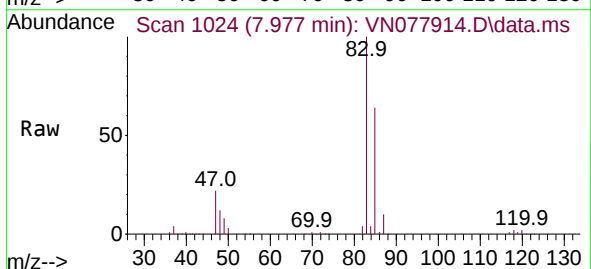
Manual Integrations
APPROVED

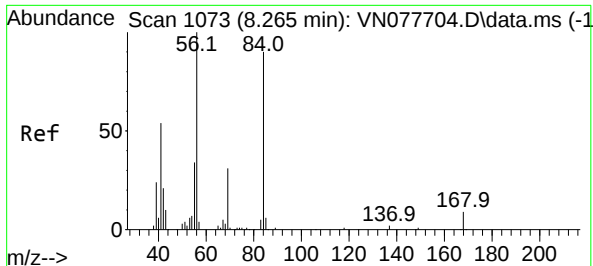
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#30
Chloroform
Concen: 50.290 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

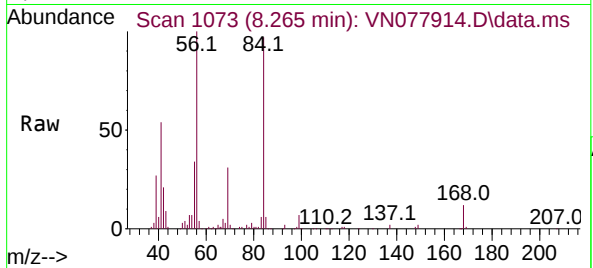
Tgt Ion: 83 Resp: 481992
Ion Ratio Lower Upper
83 100
85 64.5 55.4 83.0





#31
Cyclohexane
Concen: 45.816 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

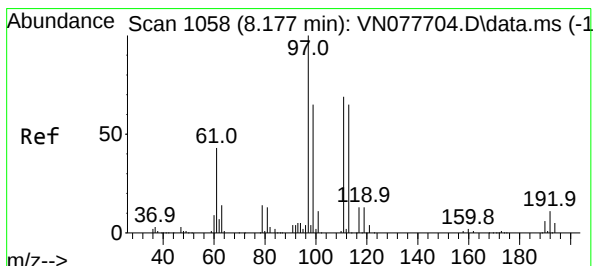
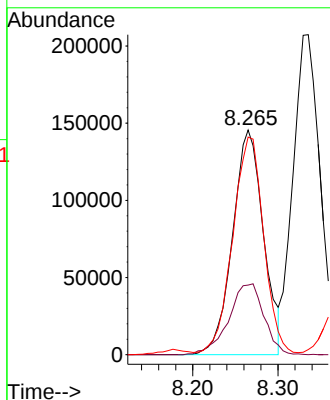
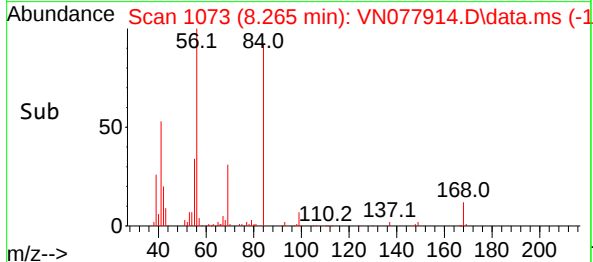
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-338-340MS



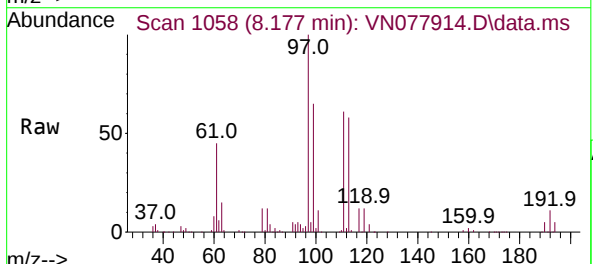
Tgt Ion: 56 Resp: 365862
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 94.9 81.8 122.6

Manual Integrations
APPROVED

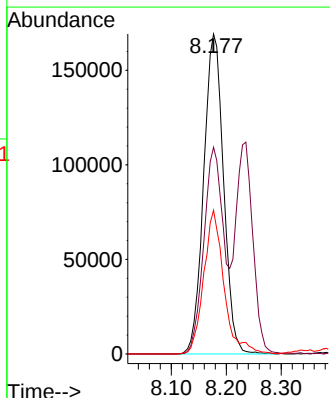
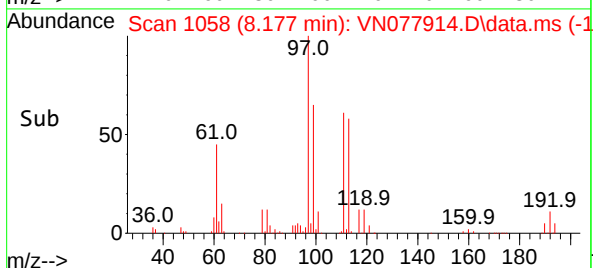
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

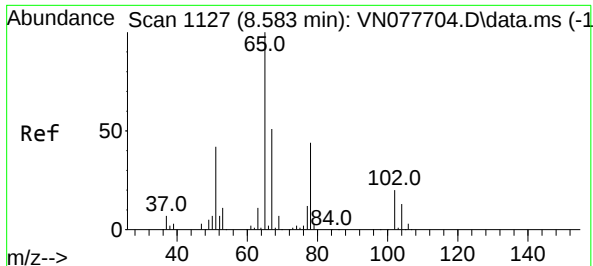


#32
1,1,1-Trichloroethane
Concen: 52.134 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion: 97 Resp: 424808
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 45.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.489 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion: 65 Resp: 279020

Ion Ratio Lower Upper

65 100

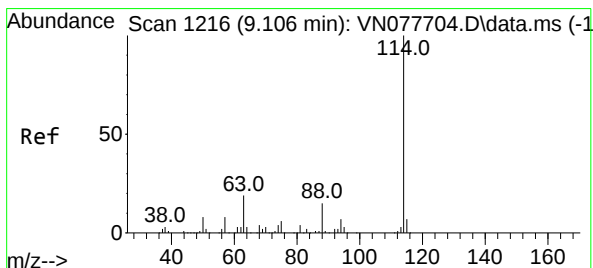
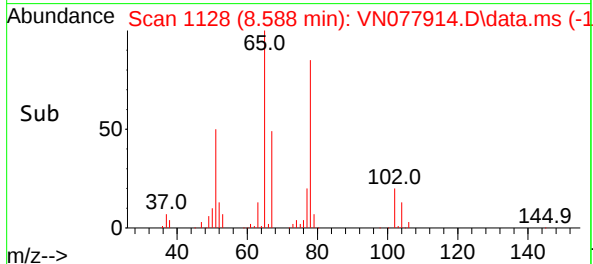
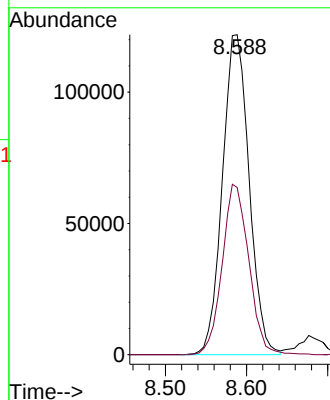
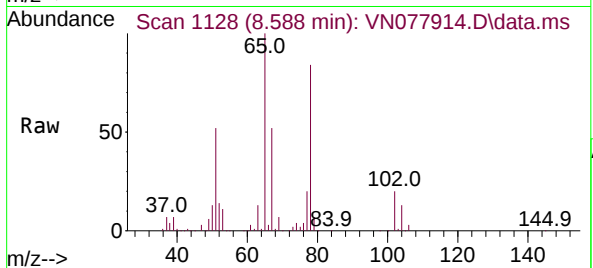
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

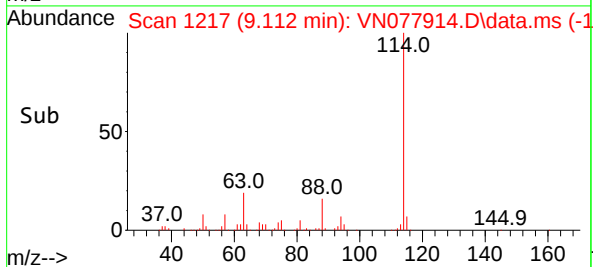
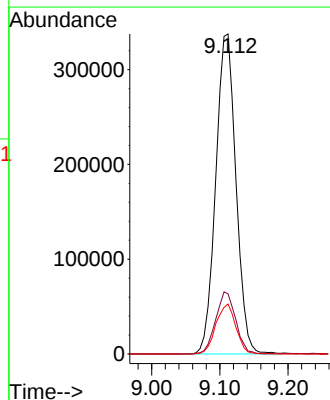
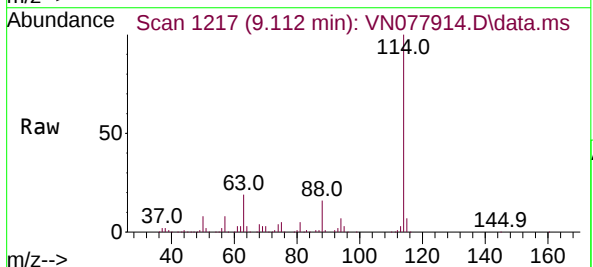
Tgt Ion:114 Resp: 696858

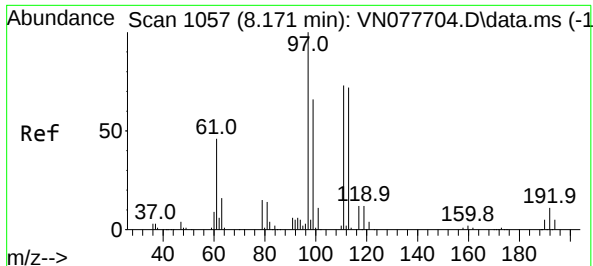
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.234 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077914.D

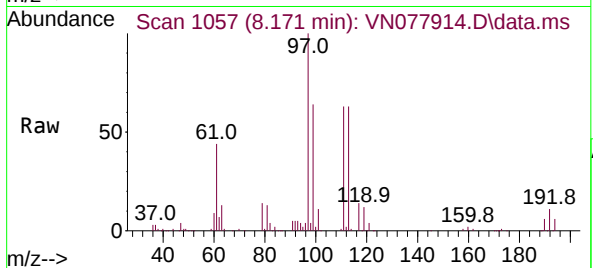
Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS



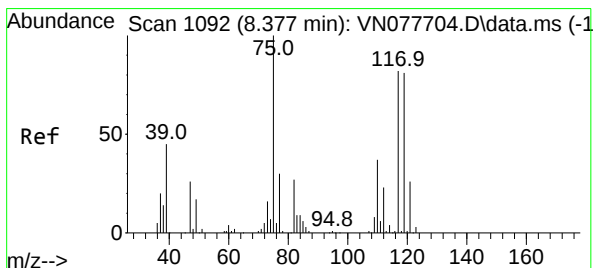
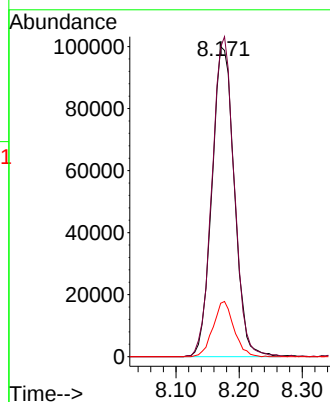
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#36

1,1-Dichloropropene

Concen: 53.391 ug/l

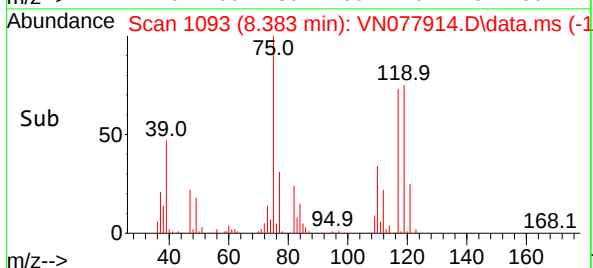
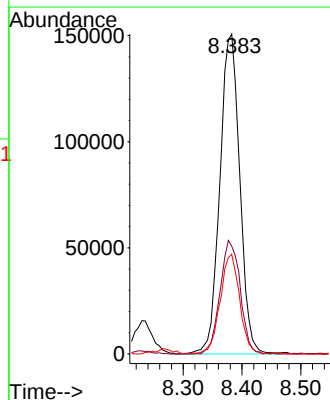
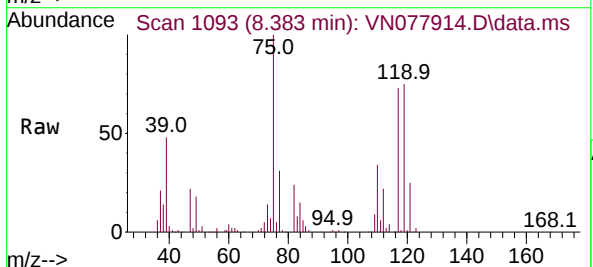
RT: 8.383 min Scan# 1093

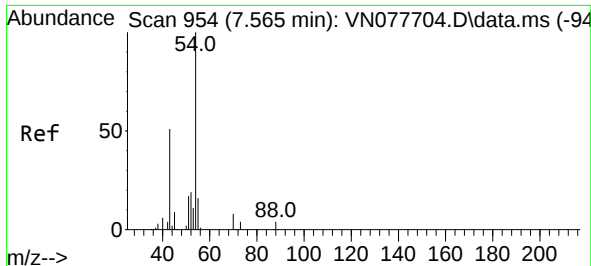
Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.1	57.3
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 42.897 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion: 43 Resp: 254120

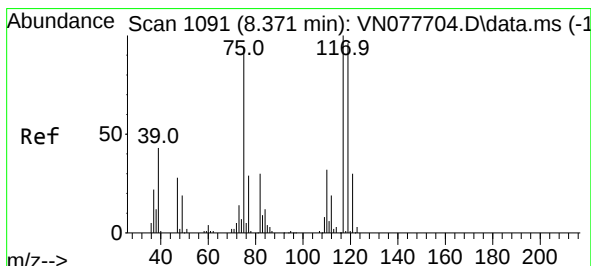
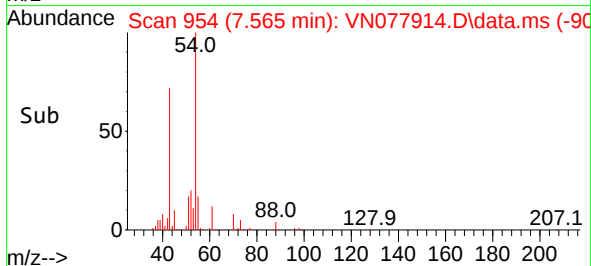
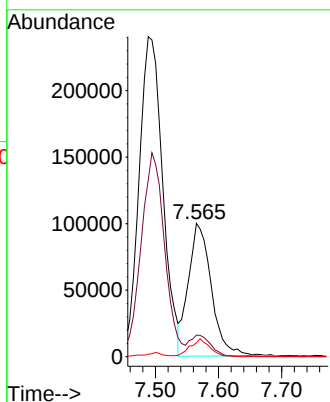
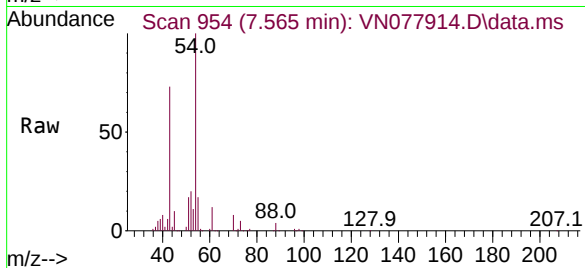
Ion	Ratio	Lower	Upper
43	100		
61	14.1	13.2	19.8
70	11.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#38

Carbon Tetrachloride

Concen: 54.796 ug/l

RT: 8.371 min Scan# 1091

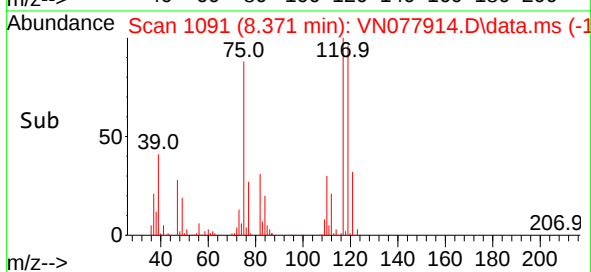
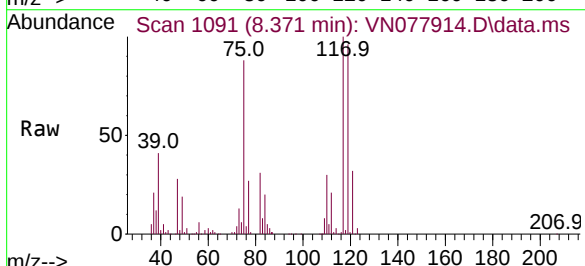
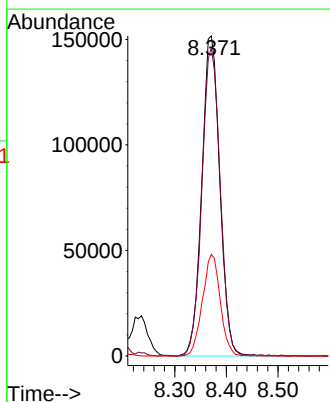
Delta R.T. -0.000 min

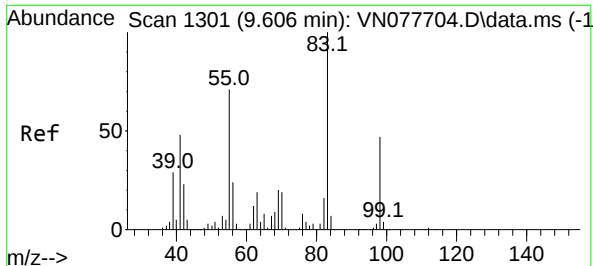
Lab File: VN077914.D

Acq: 25 May 2023 20:02

Tgt Ion:117 Resp: 367764

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
121	31.7	23.3	34.9





#39

Methylcyclohexane

Concen: 47.910 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

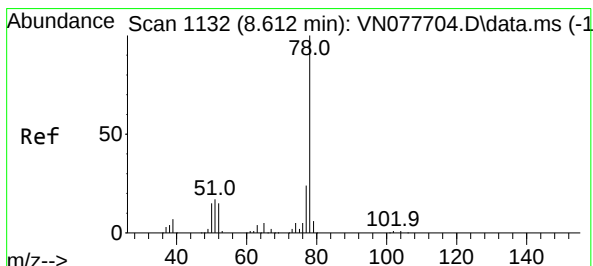
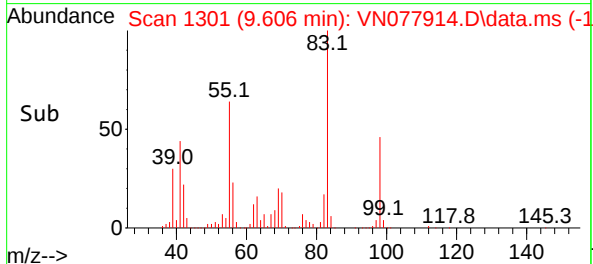
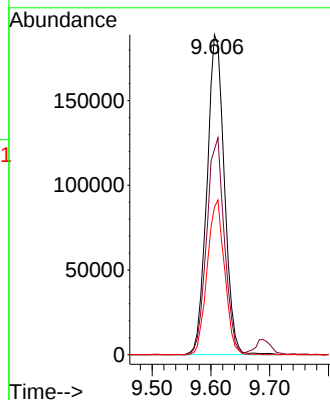
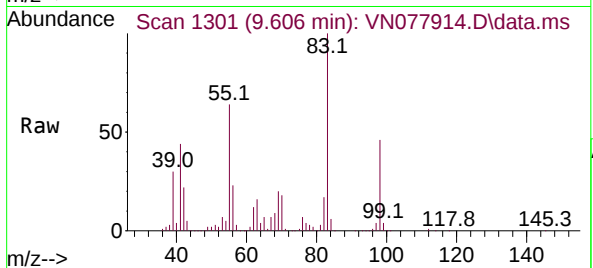
Tgt Ion:	83	Resp:	38984
Ion Ratio	Lower	Upper	
83	100		
55	64.1	49.1	73.7
98	46.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#40

Benzene

Concen: 53.330 ug/l

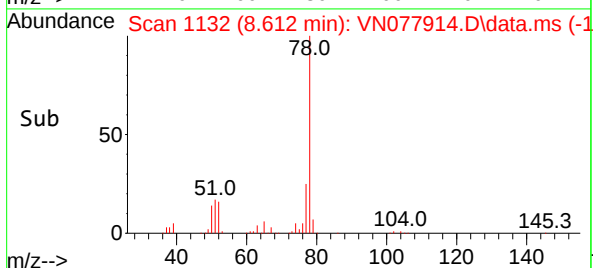
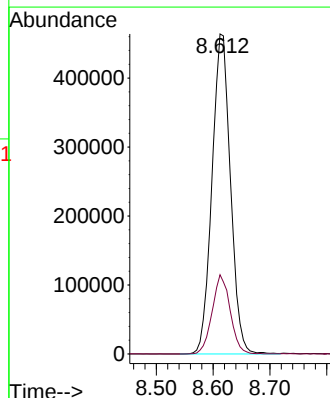
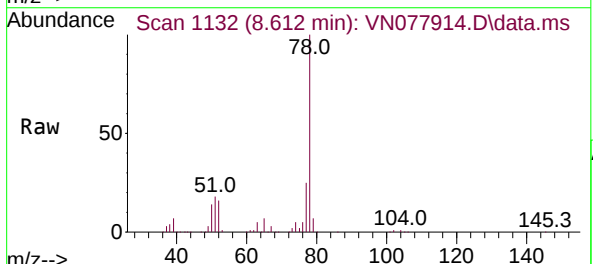
RT: 8.612 min Scan# 1132

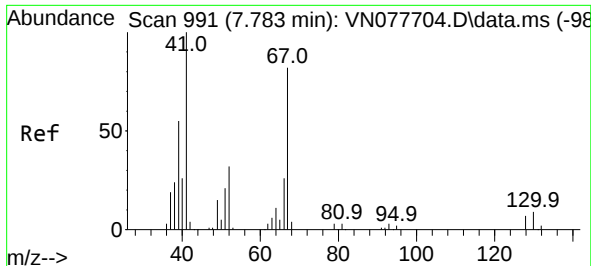
Delta R.T. -0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

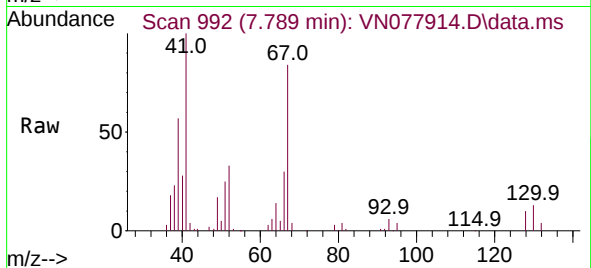
Tgt Ion:	78	Resp:	1045985
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.0	28.6





#41
Methacrylonitrile
Concen: 44.819 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

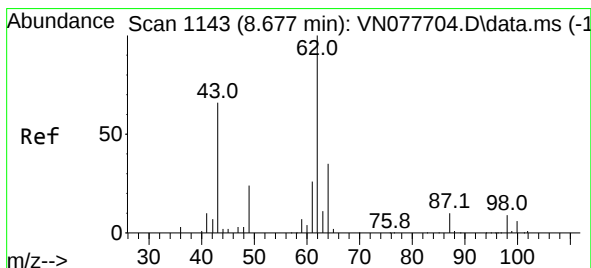
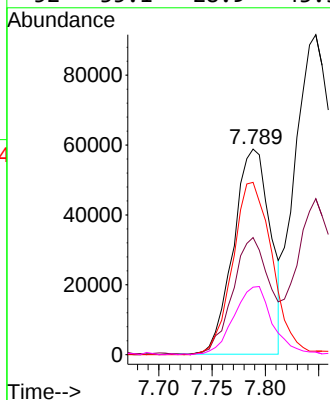
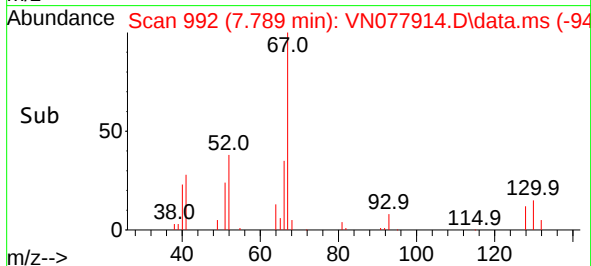
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



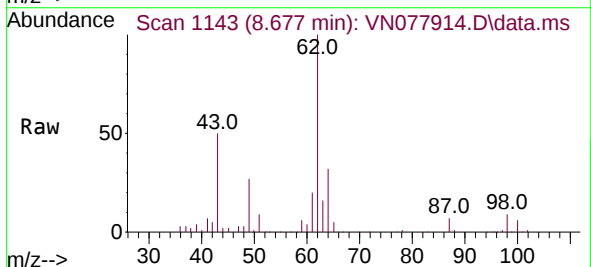
Tgt Ion: 41 Resp: 141400
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 90.6 77.5 116.3
52 35.1 28.9 43.3

Manual Integrations
APPROVED

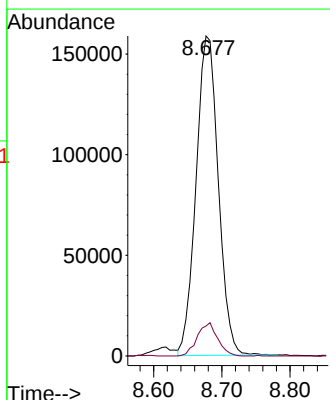
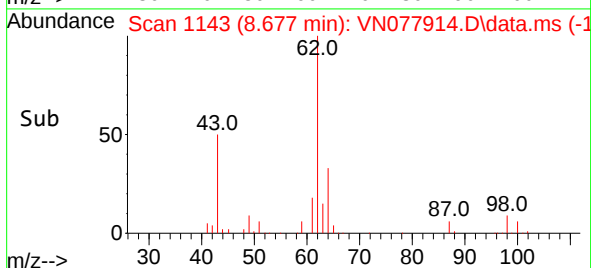
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

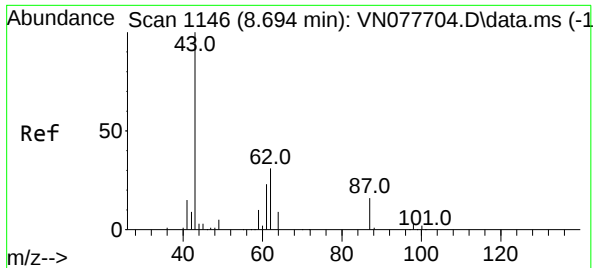


#42
1,2-Dichloroethane
Concen: 50.427 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion: 62 Resp: 359278
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





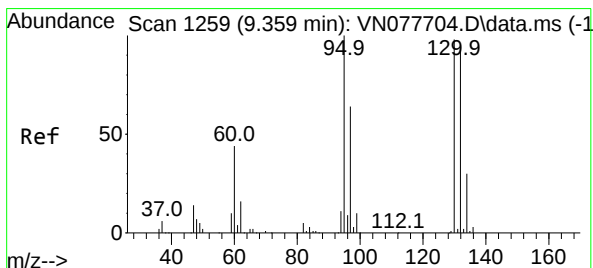
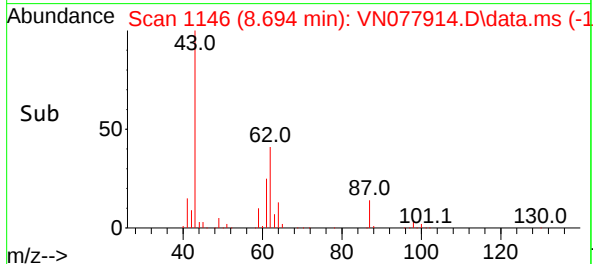
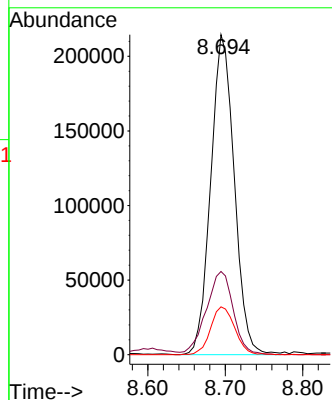
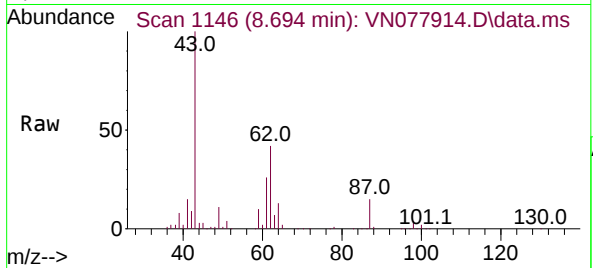
#43
Isopropyl Acetate
Concen: 46.805 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS

Tgt Ion: 43 Resp: 452902
Ion Ratio Lower Upper
43 100
61 29.9 24.7 37.1
87 15.4 14.6 21.8

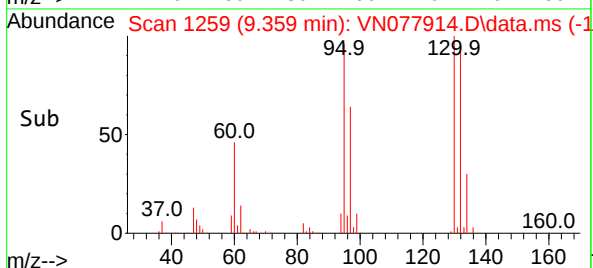
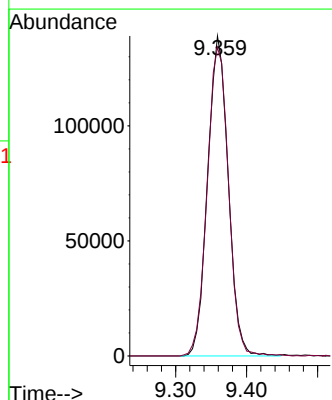
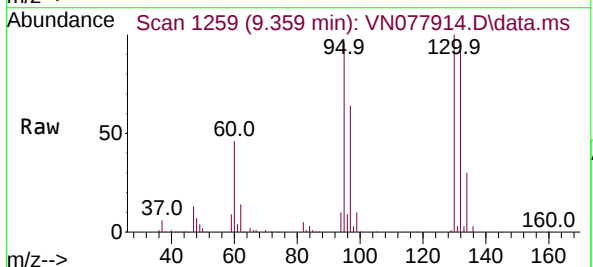
Manual Integrations
APPROVED

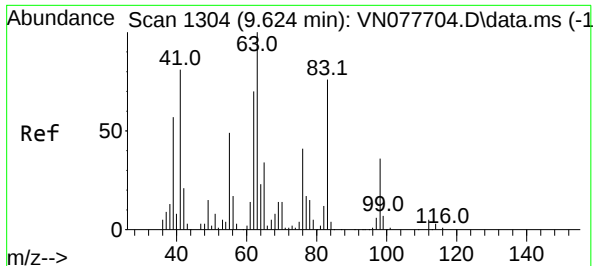
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#44
Trichloroethene
Concen: 56.505 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Tgt Ion:130 Resp: 280625
Ion Ratio Lower Upper
130 100
95 96.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.363 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion: 63 Resp: 266968

Ion Ratio Lower Upper

63 100

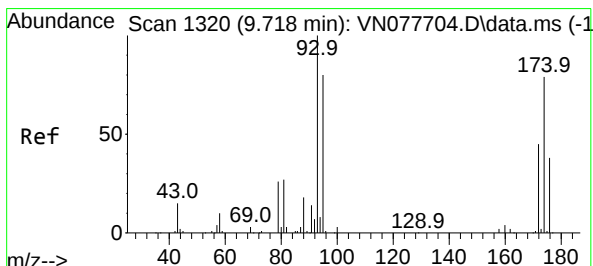
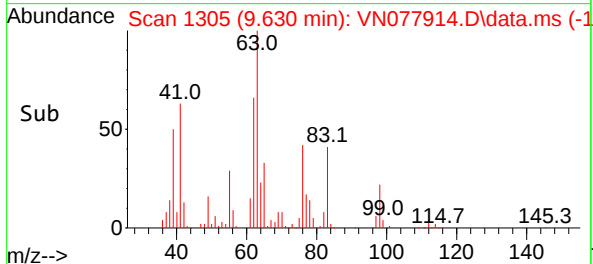
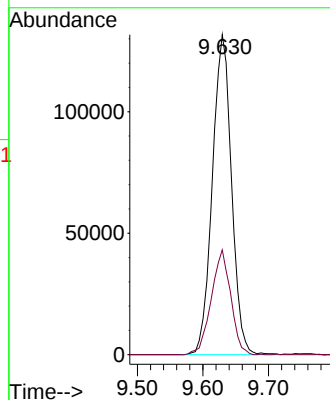
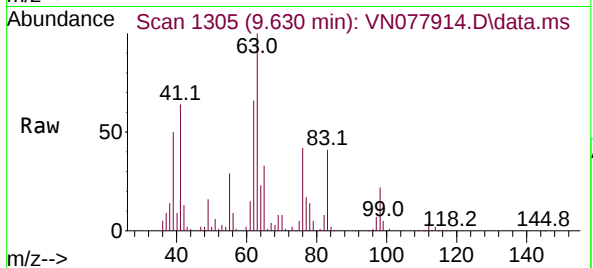
65 32.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#46

Dibromomethane

Concen: 51.752 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

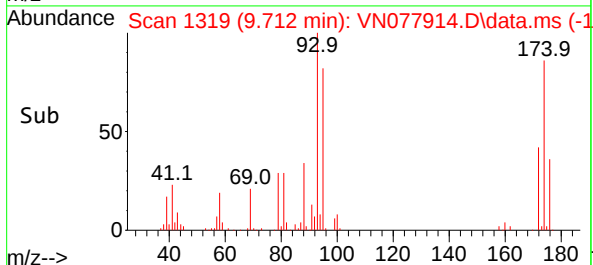
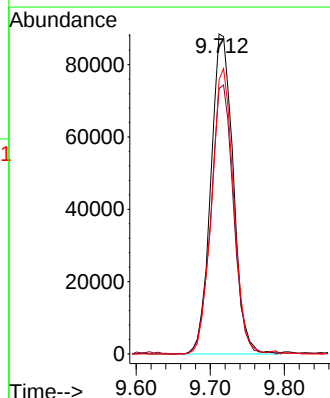
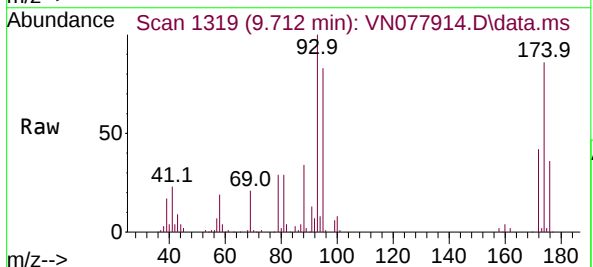
Tgt Ion: 93 Resp: 185266

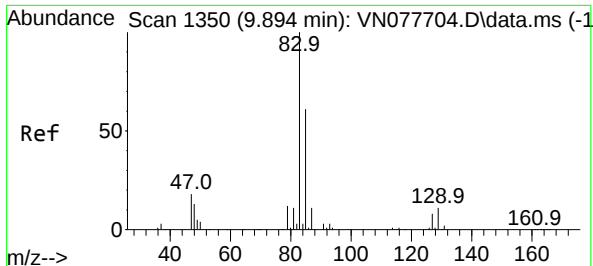
Ion Ratio Lower Upper

93 100

95 84.9 63.8 95.8

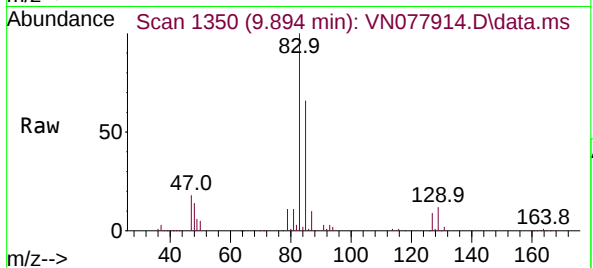
174 87.2 65.6 98.4





#47
Bromodichloromethane
Concen: 55.061 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

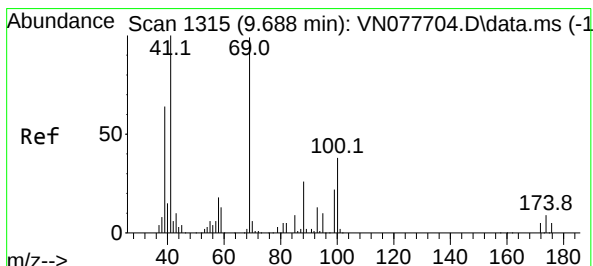
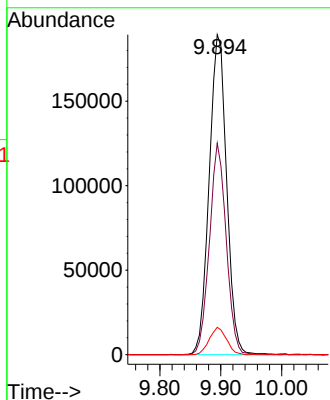
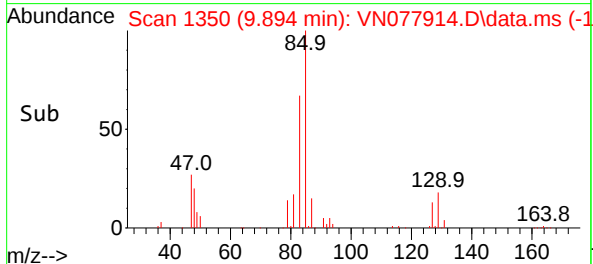
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 83 Resp: 377375
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 8.5 7.0 10.6

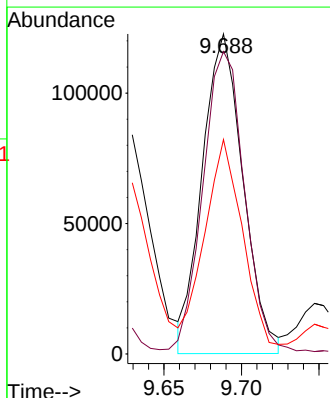
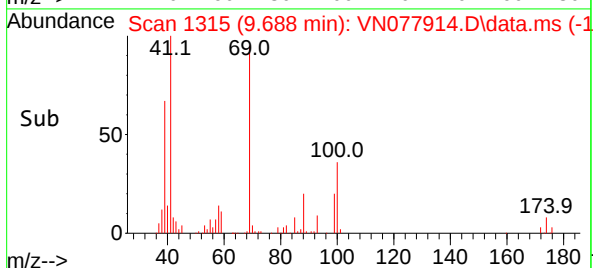
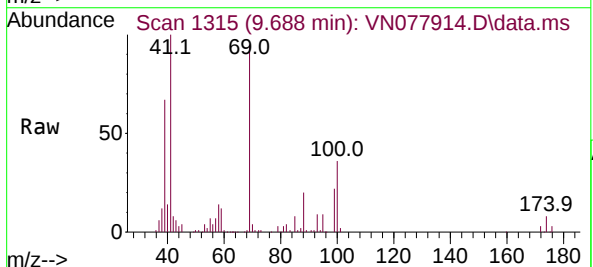
Manual Integrations
APPROVED

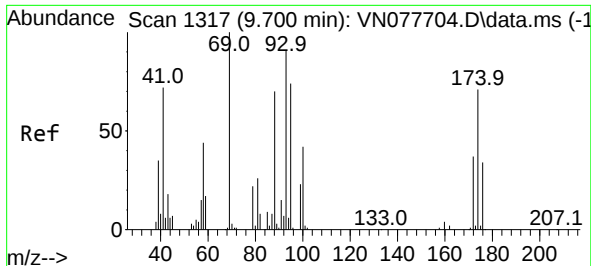
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#48
Methyl methacrylate
Concen: 48.790 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Tgt Ion: 41 Resp: 223835
Ion Ratio Lower Upper
41 100
69 99.0 90.4 135.6
39 64.4 54.6 81.8





#49

1,4-Dioxane

Concen: 950.094 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

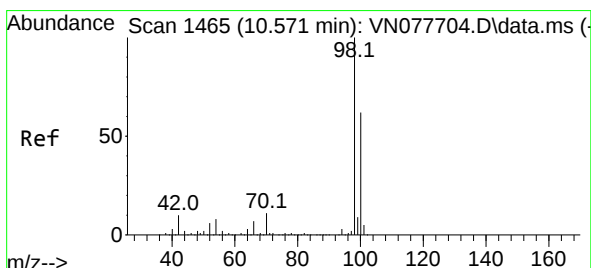
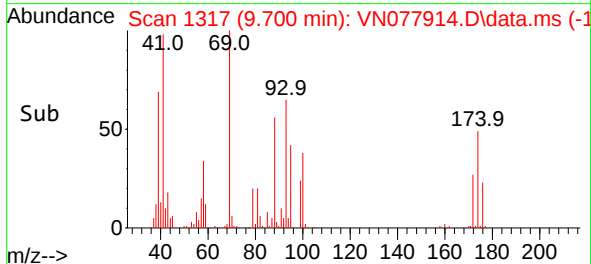
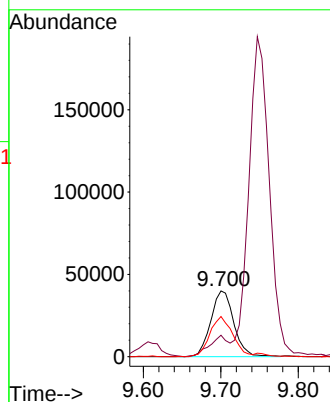
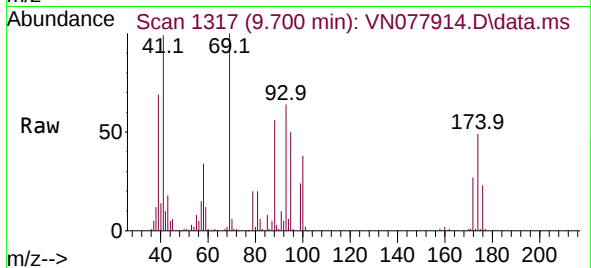
Tgt Ion:	88	Resp:	82320
Ion Ratio	Lower	Upper	
88	100		
43	26.8	17.0	25.6
58	60.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#50

Toluene-d8

Concen: 51.391 ug/l

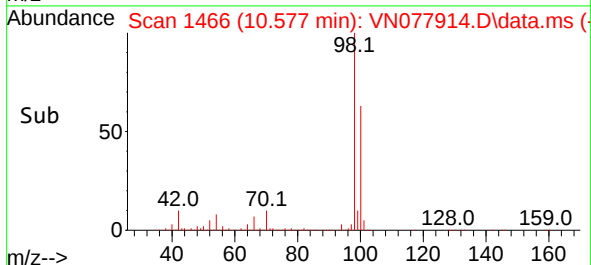
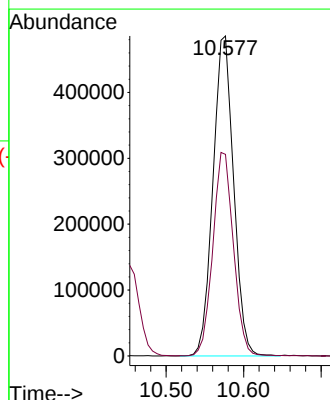
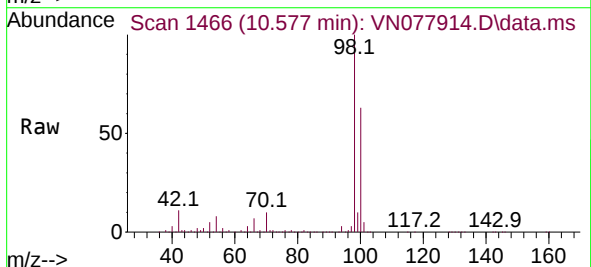
RT: 10.577 min Scan# 1466

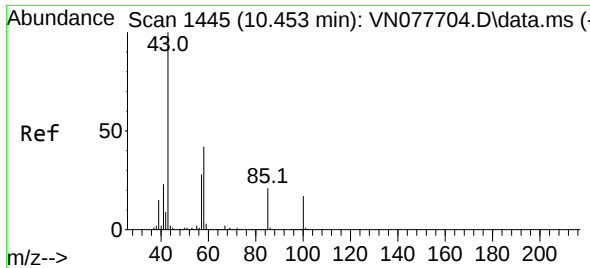
Delta R.T. 0.006 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

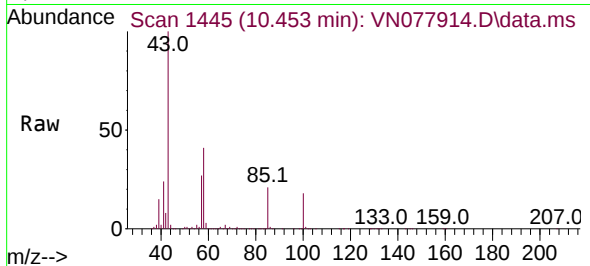
Tgt Ion:	98	Resp:	898868
Ion Ratio	Lower	Upper	
98	100		
100	63.2	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 243.316 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

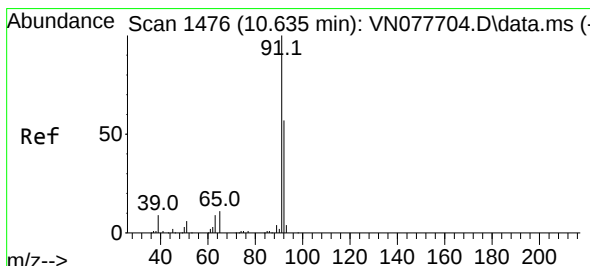
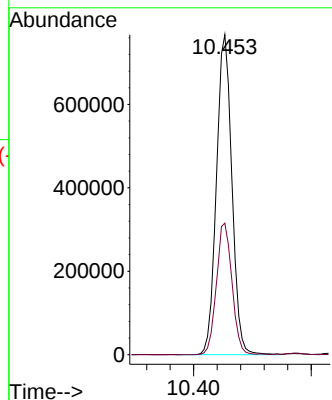
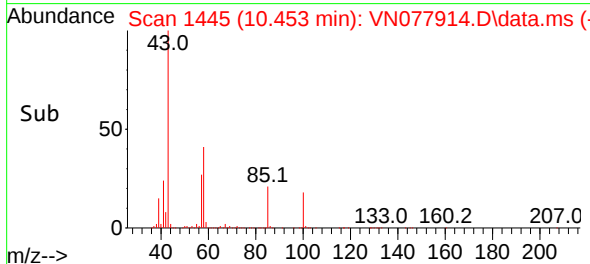
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 43 Resp: 139949
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

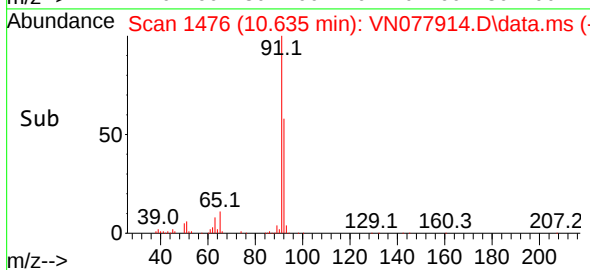
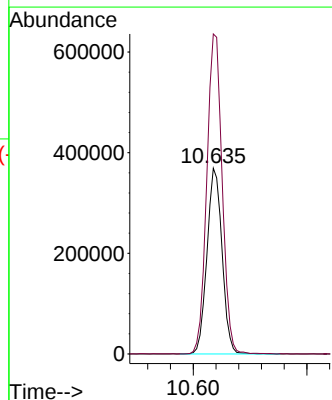
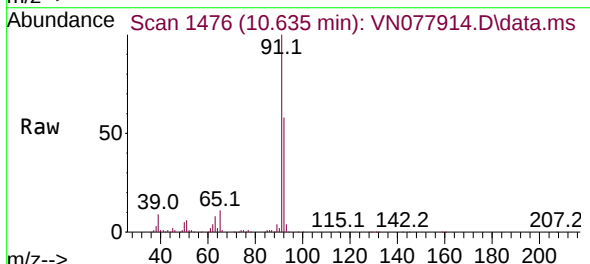
Manual Integrations
APPROVED

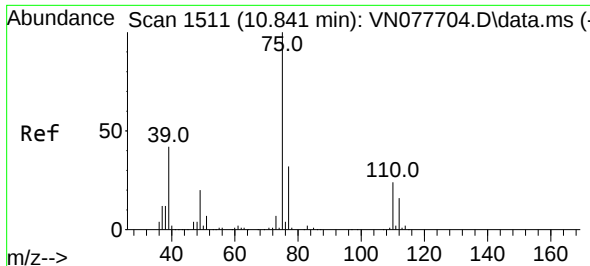
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#52
Toluene
Concen: 55.438 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

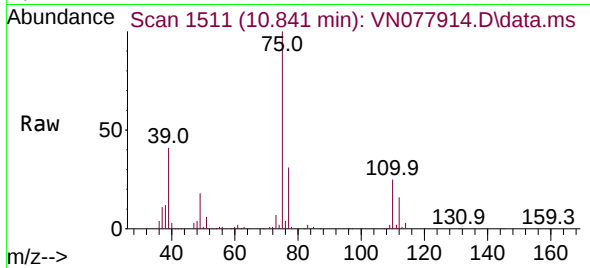
Tgt Ion: 92 Resp: 676926
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 53.063 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

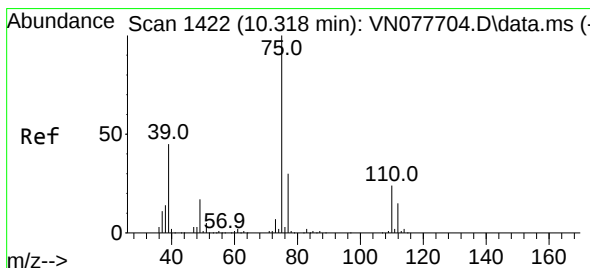
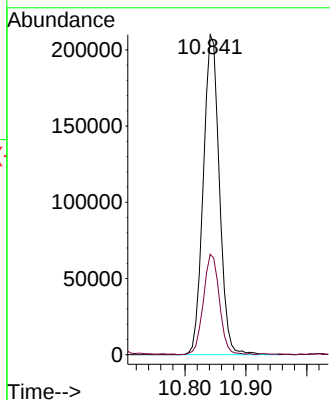
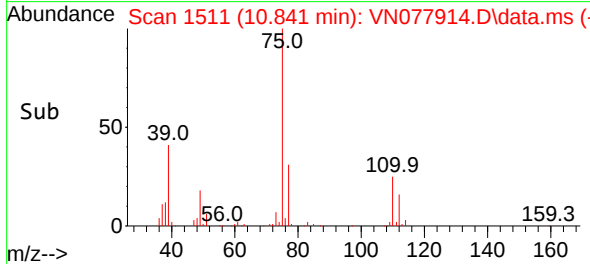
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS



Tgt Ion: 75 Resp: 38512
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0

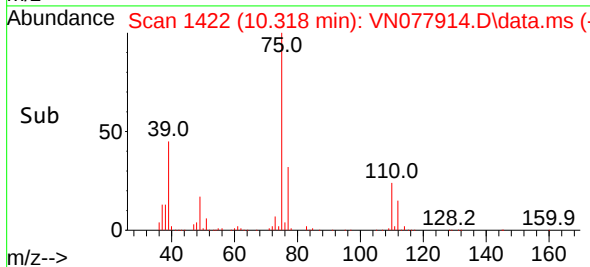
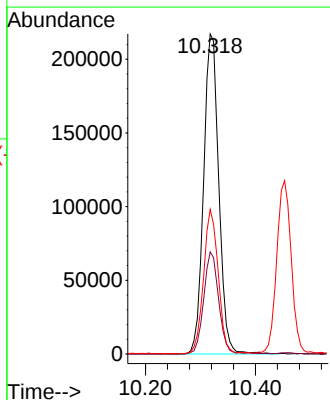
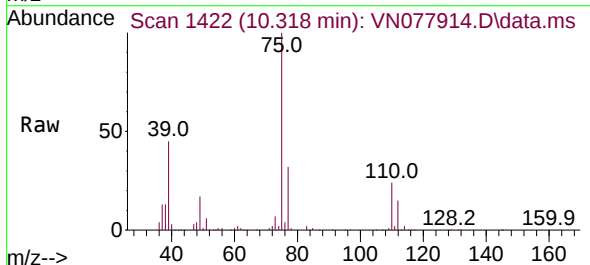
Manual Integrations
 APPROVED

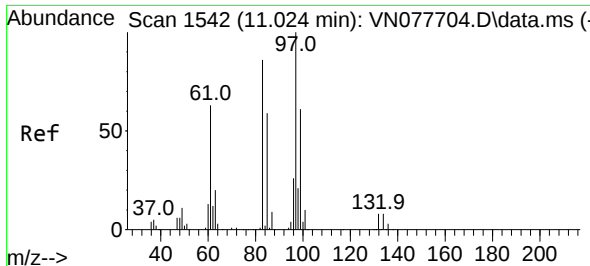
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.994 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

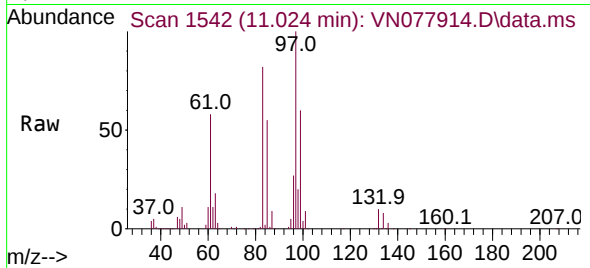
Tgt Ion: 75 Resp: 415860
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 45.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.120 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

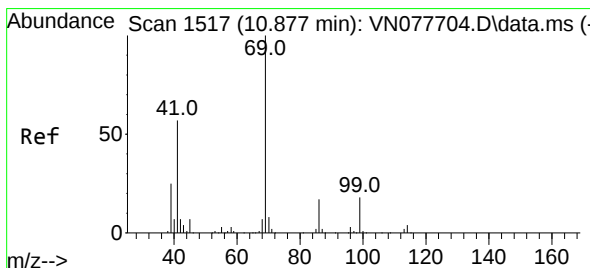
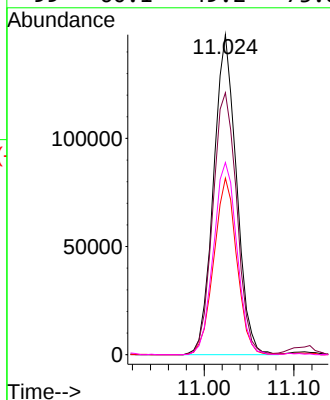
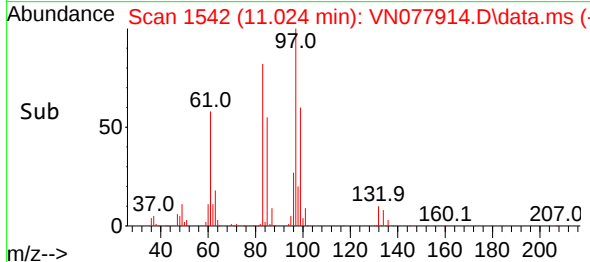
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-338-340MS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.1	97.7
85	55.2	43.4	65.2
99	60.1	49.2	73.8

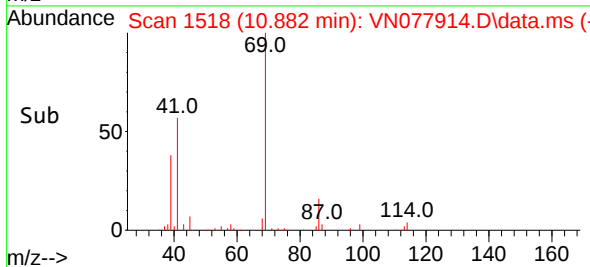
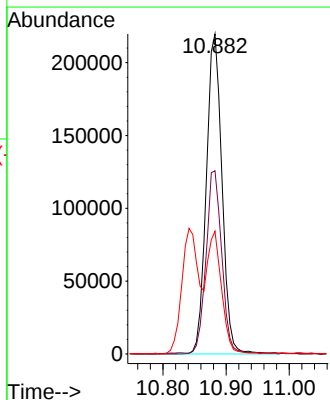
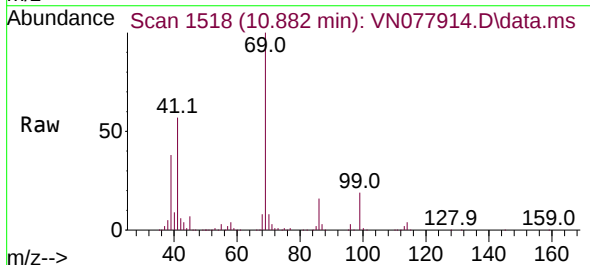
Manual Integrations
APPROVED

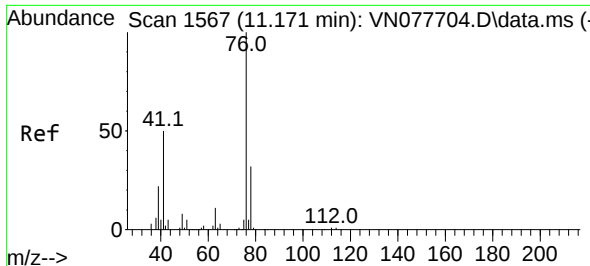
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#56
Ethyl methacrylate
Concen: 51.604 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

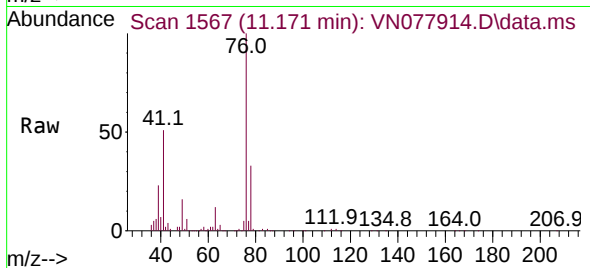
Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	39.6	59.4
39	34.0	28.6	43.0





#57
1,3-Dichloropropane
Concen: 52.498 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

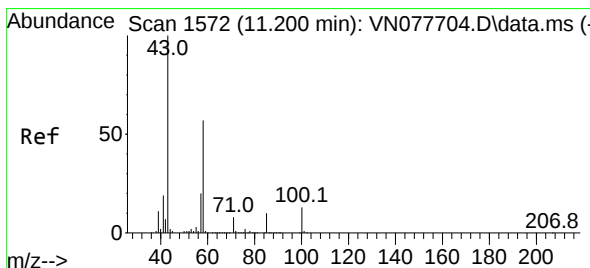
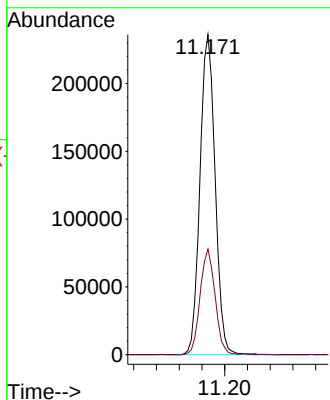
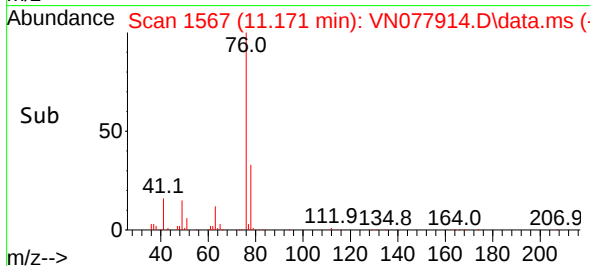
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



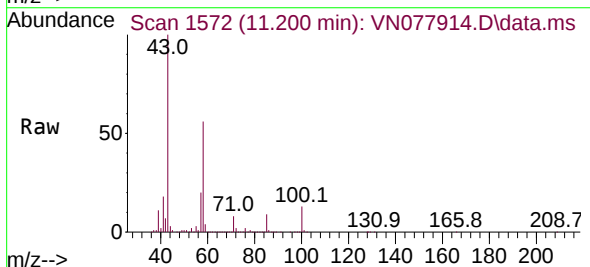
Tgt Ion: 76 Resp: 436333
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

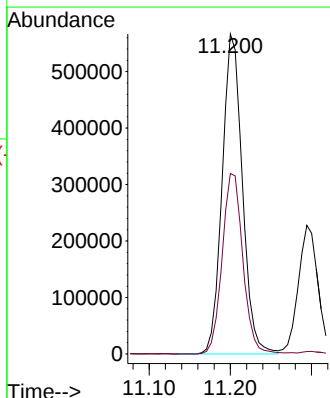
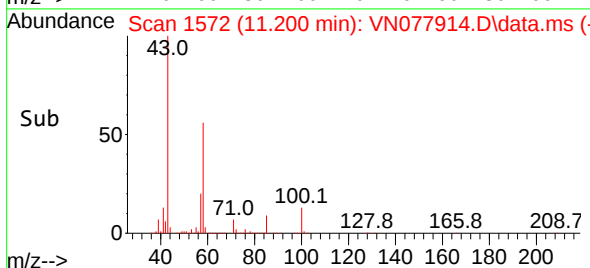
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

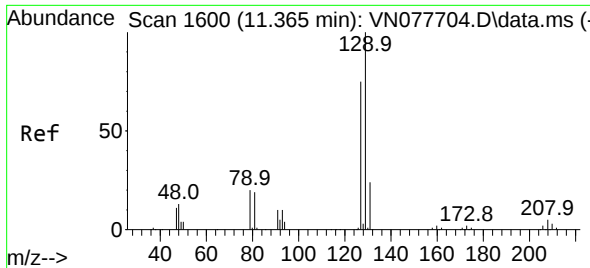


#59
2-Hexanone
Concen: 230.525 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



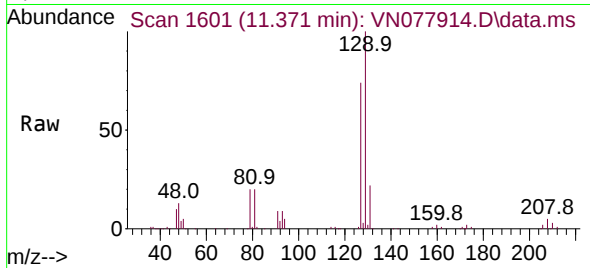
Tgt Ion: 43 Resp: 980733
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1





#60
Dibromochloromethane
Concen: 56.004 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

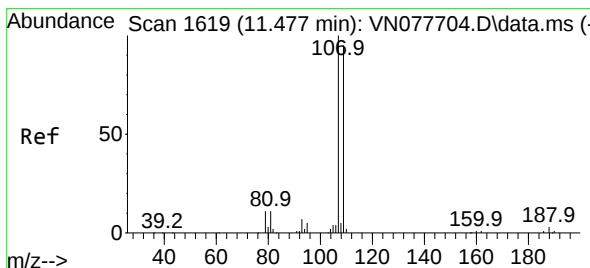
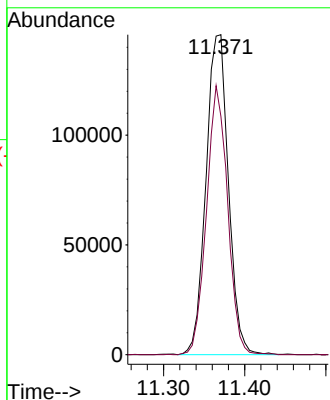
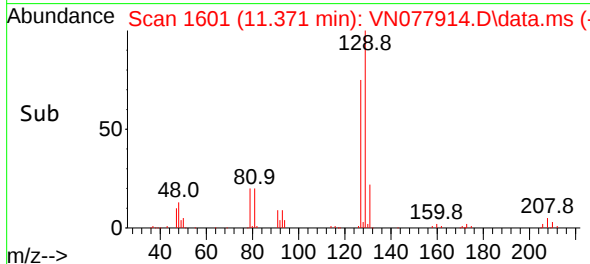
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion:129 Resp: 280308
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0

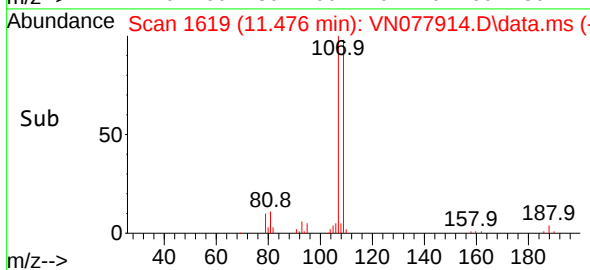
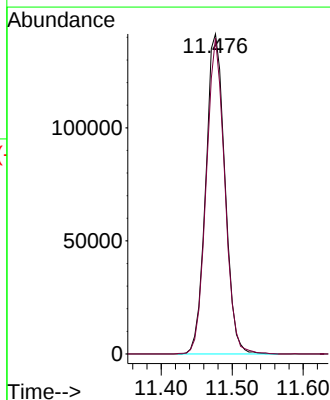
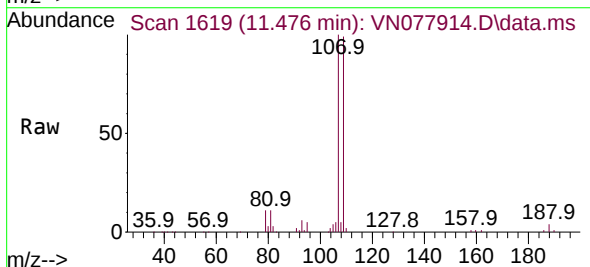
Manual Integrations
APPROVED

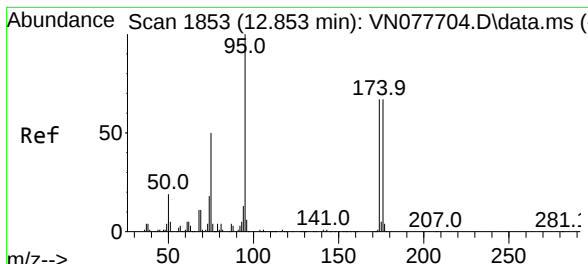
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#61
1,2-Dibromoethane
Concen: 54.794 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

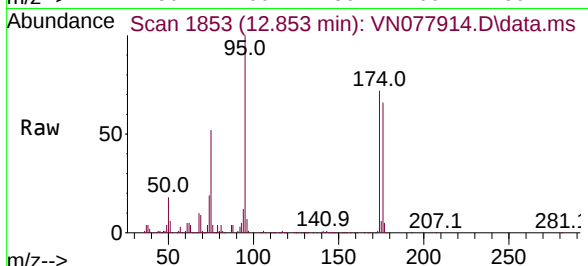
Tgt Ion:107 Resp: 265022
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8





#62
4-Bromofluorobenzene
Concen: 49.914 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

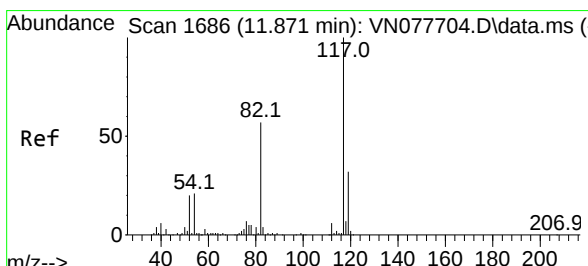
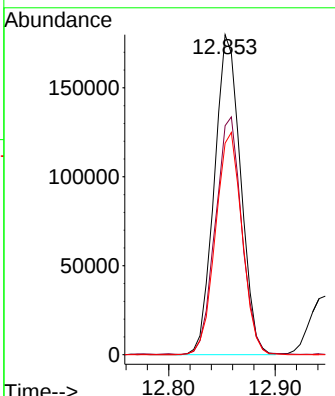
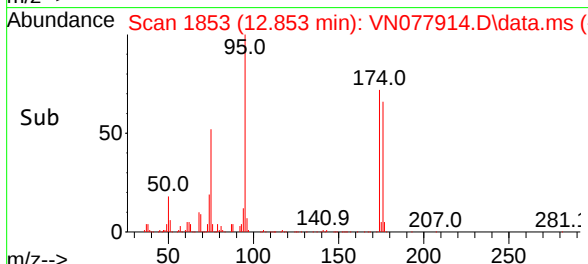
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-338-340MS



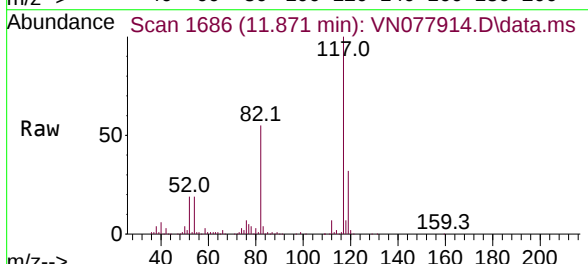
Tgt Ion:	95	Resp:	30833
Ion Ratio	Lower	Upper	
95	100		
174	74.4	0.0	143.8
176	70.1	0.0	135.8

Manual Integrations
APPROVED

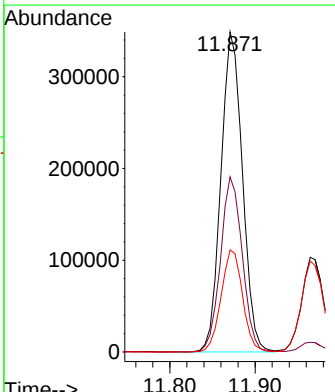
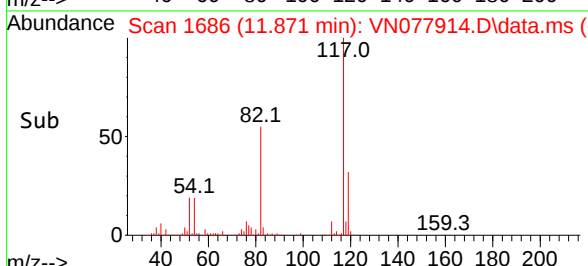
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

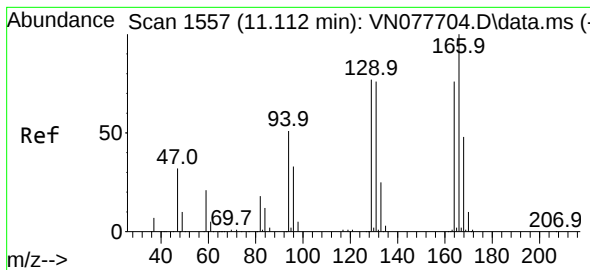


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



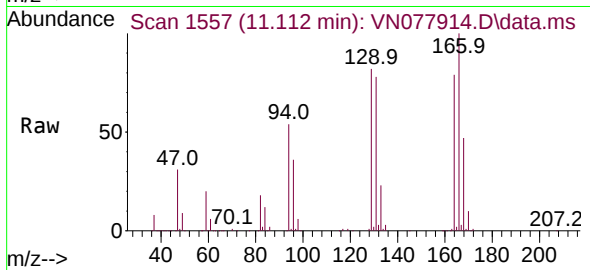
Tgt Ion:	117	Resp:	611997
Ion Ratio	Lower	Upper	
117	100		
82	54.7	44.0	66.0
119	31.9	25.6	38.4





#64
Tetrachloroethene
Concen: 60.544 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

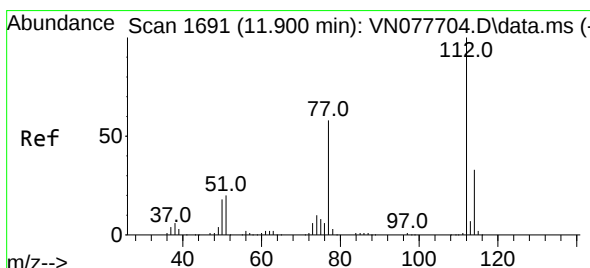
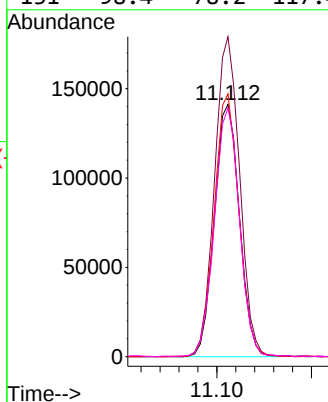
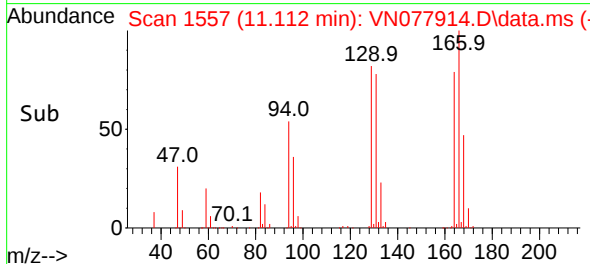
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion:164 Resp: 259118
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 104.0 82.4 123.6
131 98.4 78.2 117.4

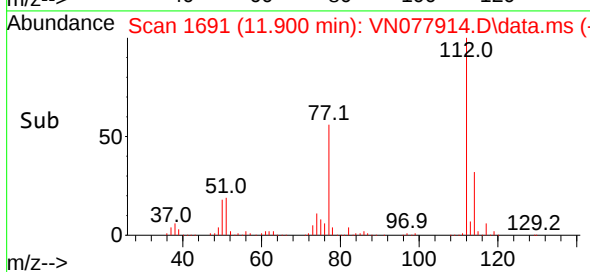
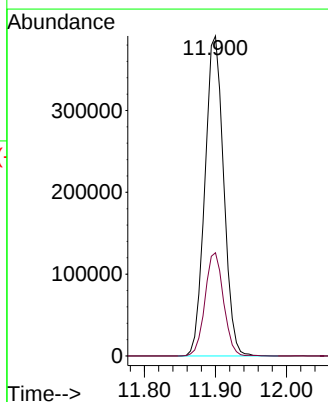
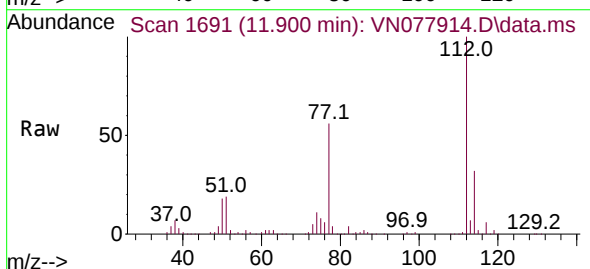
Manual Integrations
APPROVED

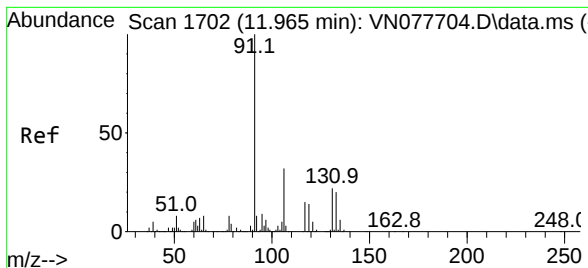
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#65
Chlorobenzene
Concen: 54.046 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

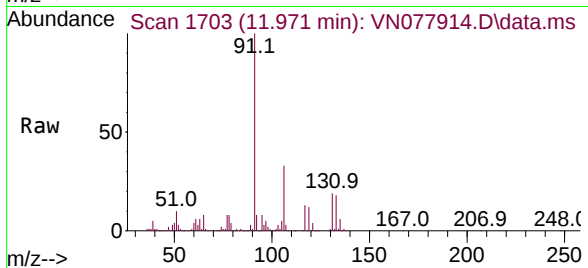
Tgt Ion:112 Resp: 717051
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 58.066 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

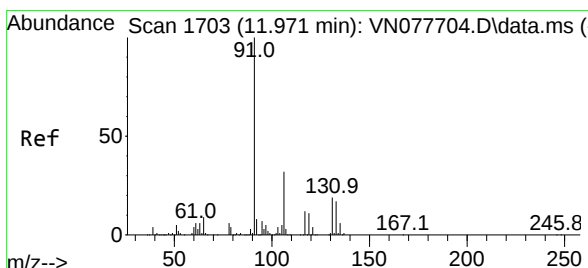
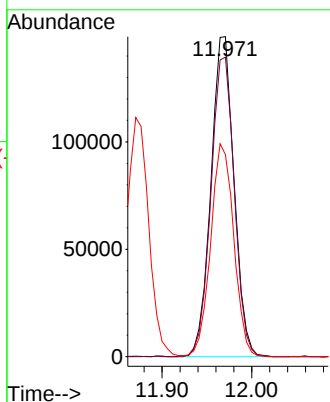
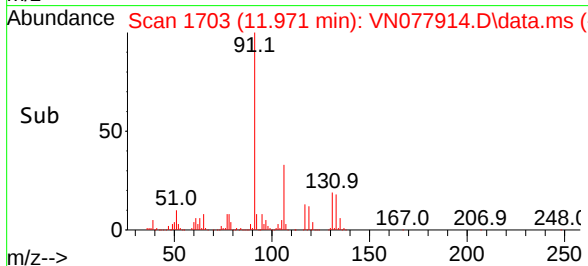
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion:131 Resp: 266562
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 66.4 34.1 102.2

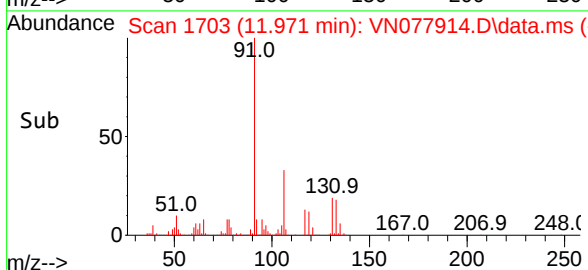
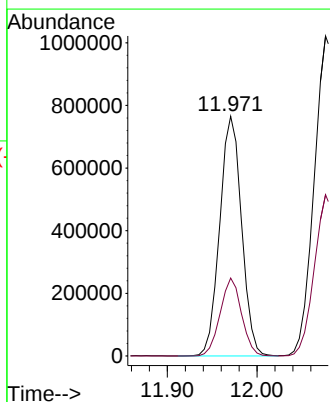
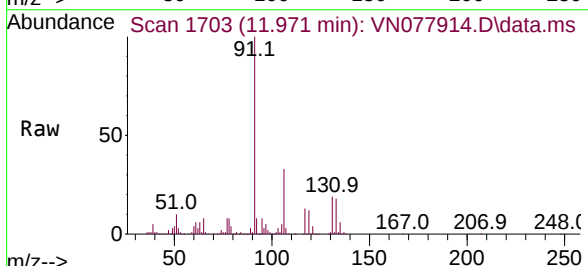
Manual Integrations
APPROVED

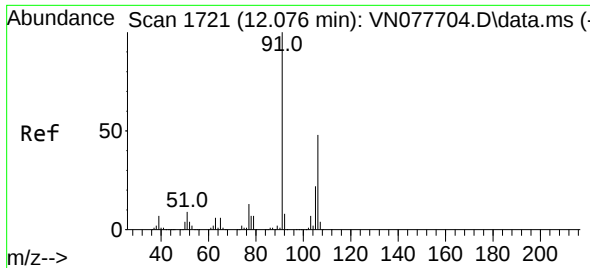
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#67
Ethyl Benzene
Concen: 54.391 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

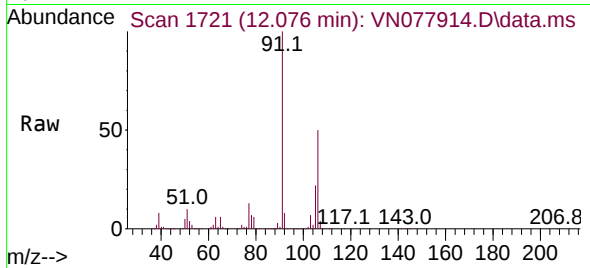
Tgt Ion: 91 Resp: 1293176
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4





#68
m/p-Xylenes
Concen: 111.004 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

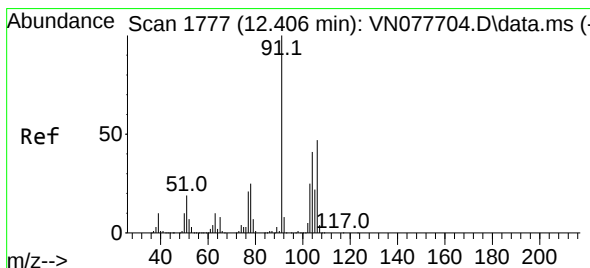
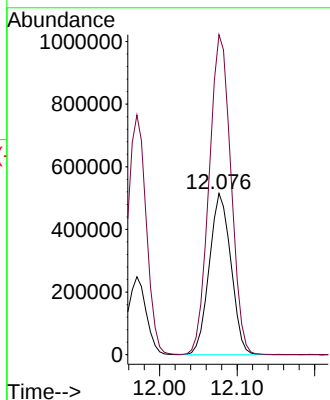
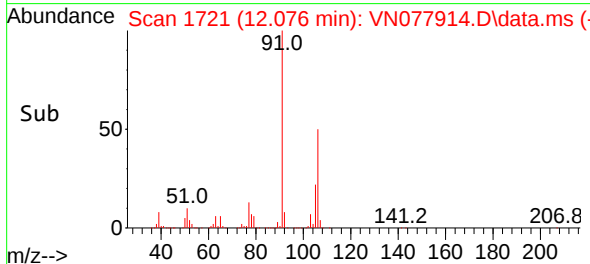
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



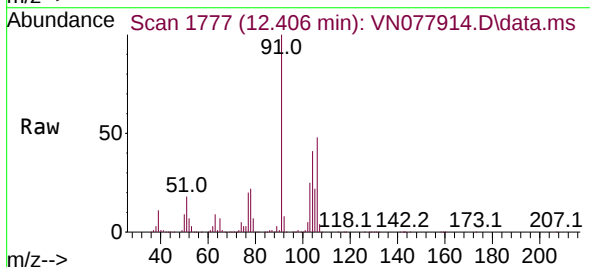
Tgt Ion:106 Resp: 1000019
Ion Ratio Lower Upper
106 100
91 200.5 159.6 239.4

Manual Integrations
APPROVED

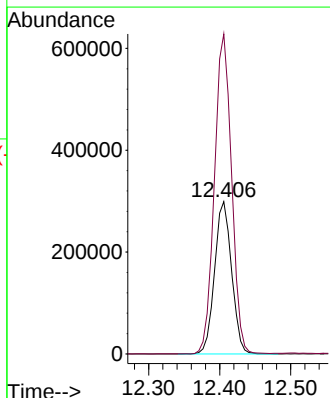
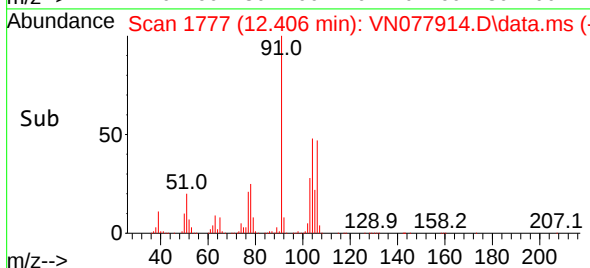
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

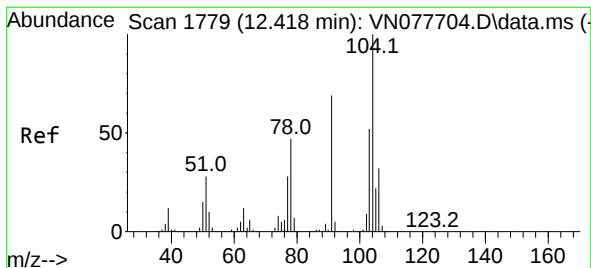


#69
o-Xylene
Concen: 55.966 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion:106 Resp: 495841
Ion Ratio Lower Upper
106 100
91 211.5 105.2 315.5





#70

Styrene

Concen: 53.504 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.001 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

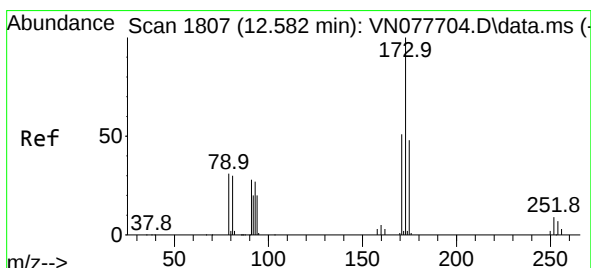
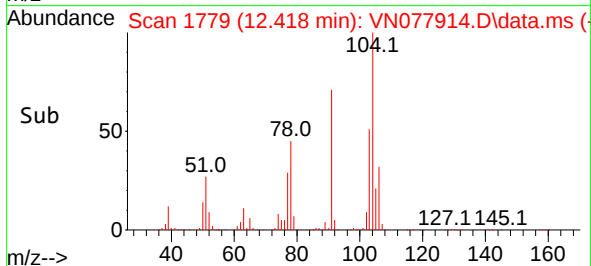
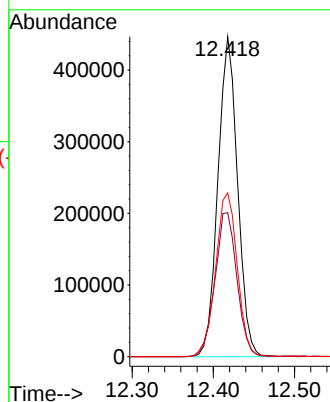
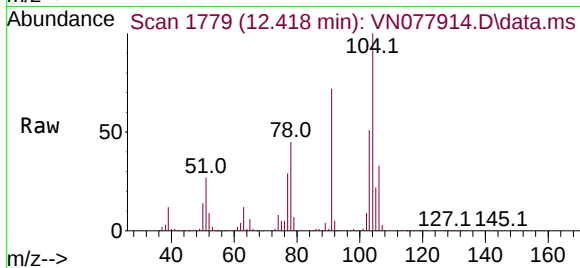
Tgt Ion:	104	Resp:	753034
Ion Ratio	Lower	Upper	
104	100		
78	50.4	39.5	59.3
103	56.2	43.2	64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#71

Bromoform

Concen: 57.196 ug/l

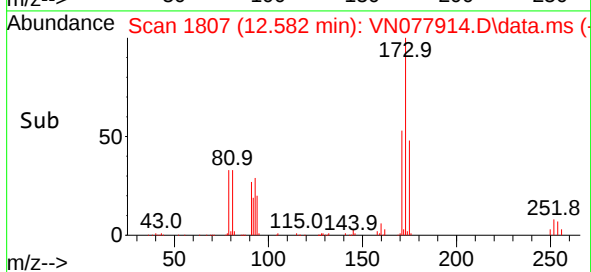
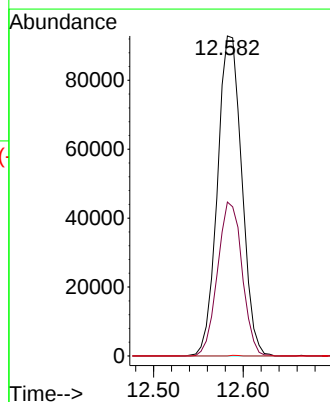
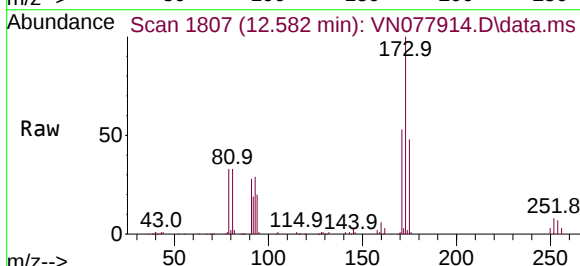
RT: 12.582 min Scan# 1807

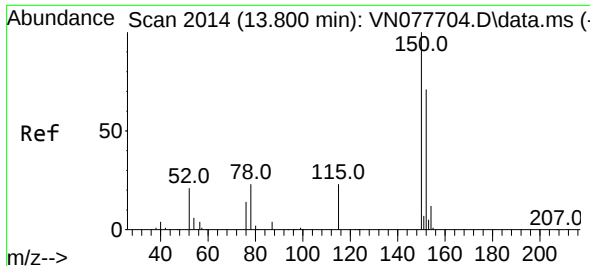
Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

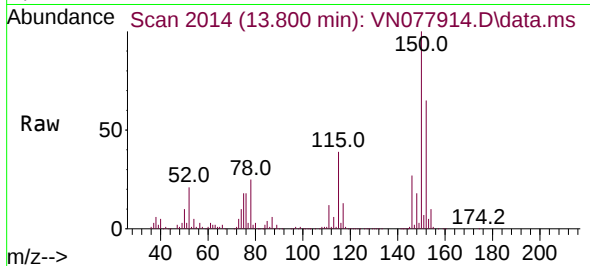
Tgt Ion:	173	Resp:	174669
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	73.0
254	0.1	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

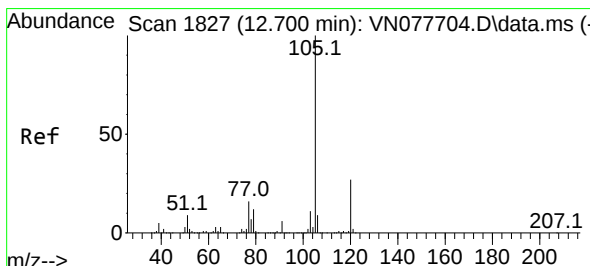
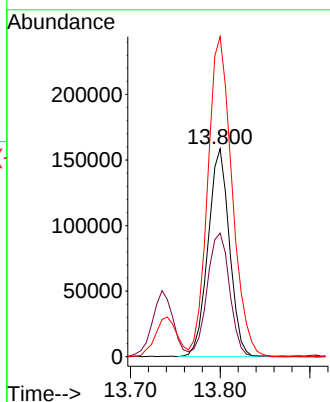
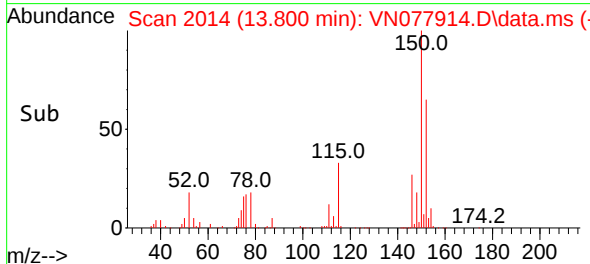
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



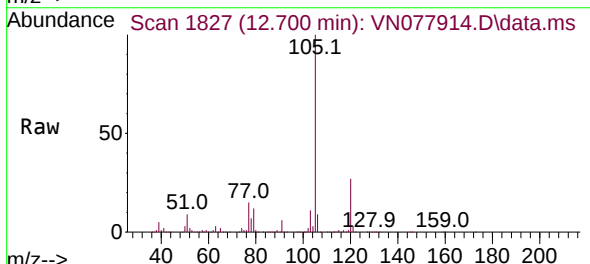
Tgt Ion:152 Resp: 26215
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 174.8 0.0 355.8

Manual Integrations
APPROVED

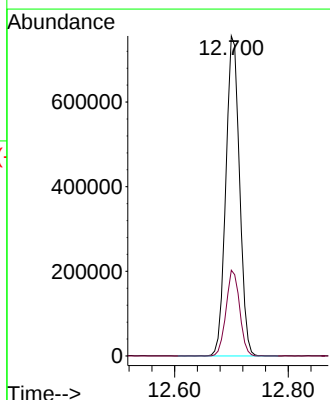
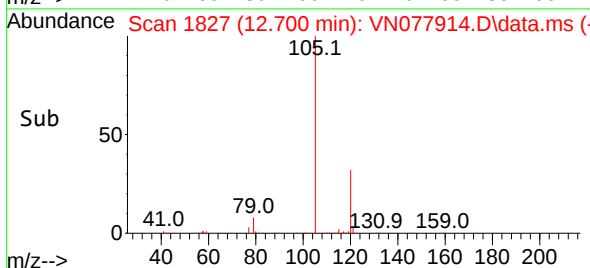
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

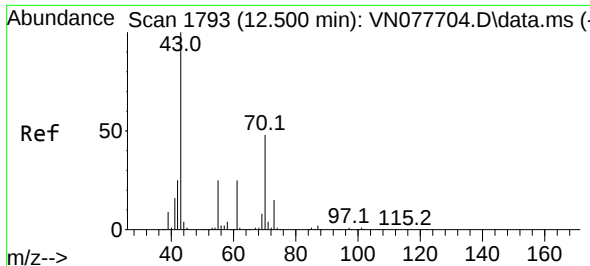


#73
Isopropylbenzene
Concen: 56.004 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



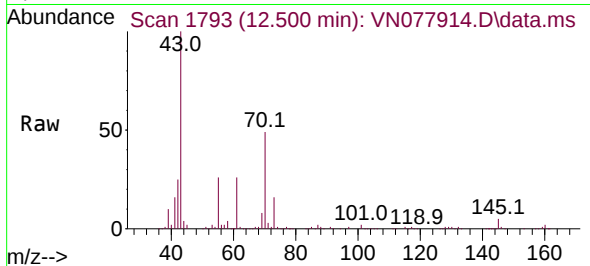
Tgt Ion:105 Resp: 1265552
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1





#74
N-amy1 acetate
Concen: 44.070 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

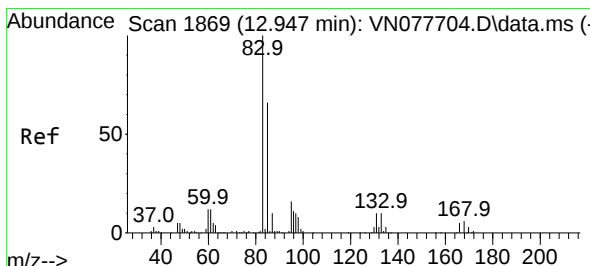
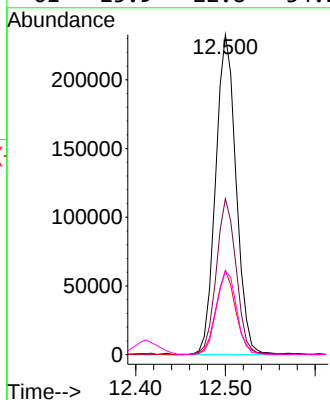
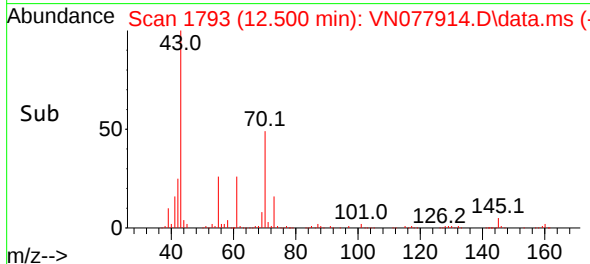
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion: 43 Resp: 36810
Ion Ratio Lower Upper
43 100
70 47.6 43.4 65.2
55 25.8 21.4 32.0
61 25.9 22.8 34.2

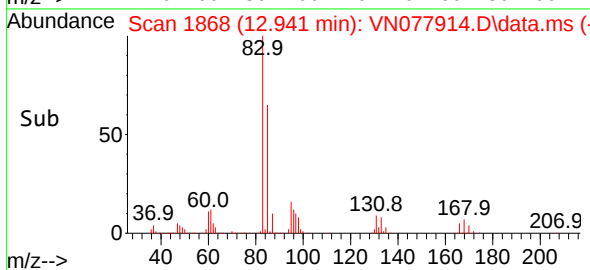
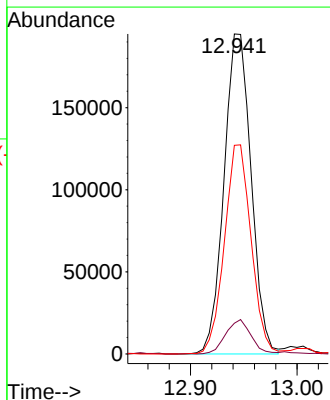
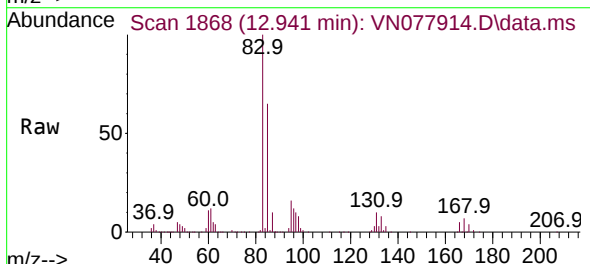
Manual Integrations
APPROVED

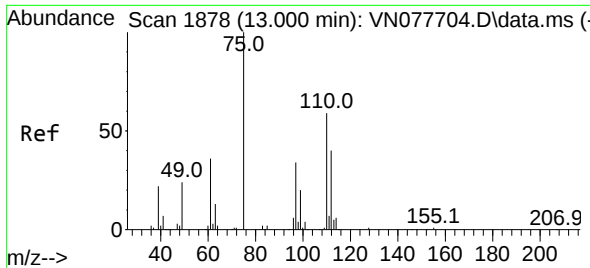
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 49.661 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

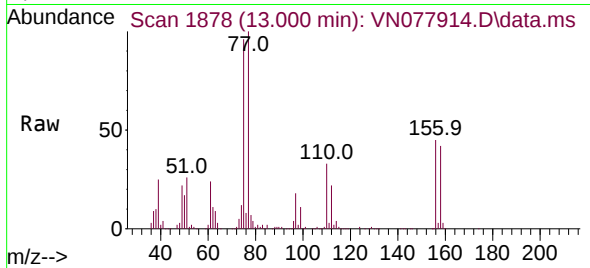
Tgt Ion: 83 Resp: 345238
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.5 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 51.853 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

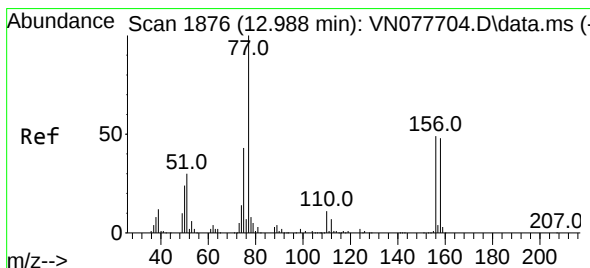
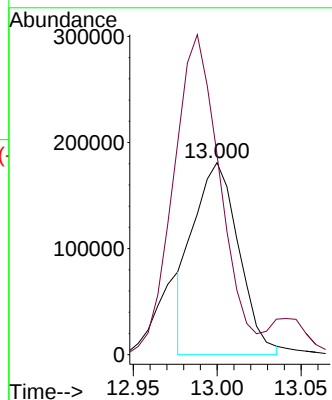
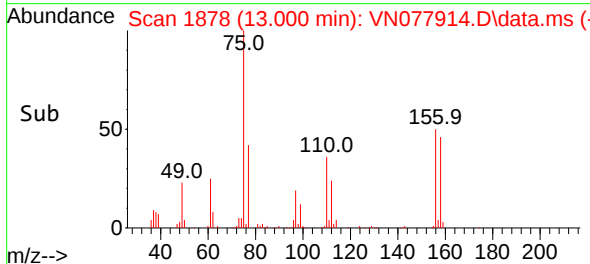
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



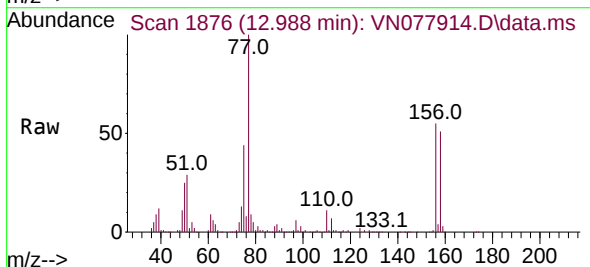
Tgt Ion: 75 Resp: 340428
Ion Ratio Lower Upper
75 100
77 171.5 84.5 253.5

Manual Integrations
APPROVED

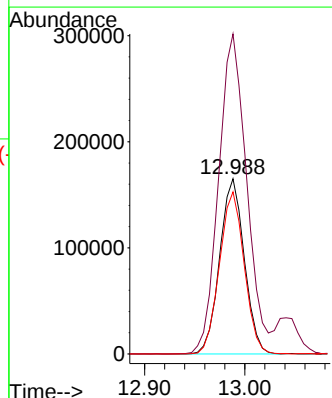
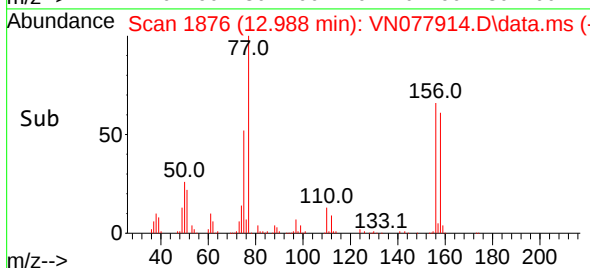
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

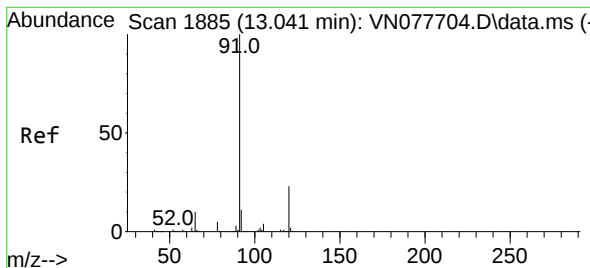


#77
Bromobenzene
Concen: 54.485 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion:156 Resp: 280976
Ion Ratio Lower Upper
156 100
77 207.8 107.7 323.3
158 93.1 48.4 145.3





#78

n-propylbenzene

Concen: 53.610 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion: 91 Resp: 142821

Ion Ratio Lower Upper

91 100

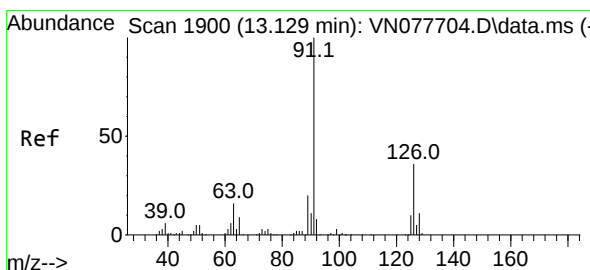
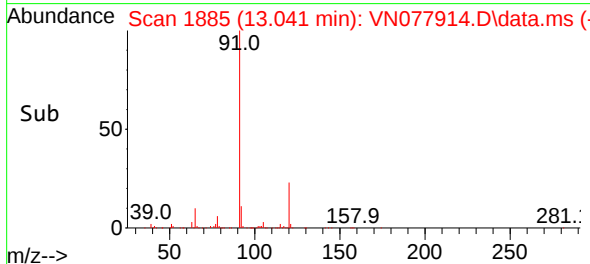
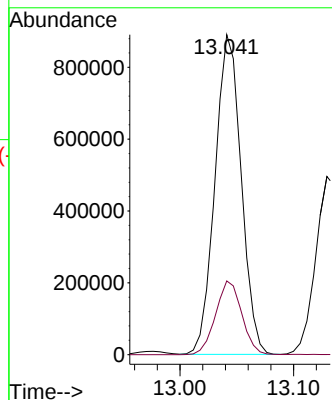
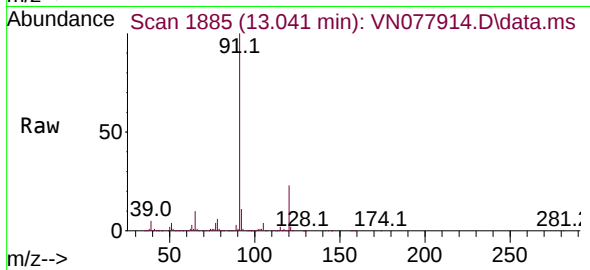
120 23.0 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#79

2-Chlorotoluene

Concen: 53.954 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN077914.D

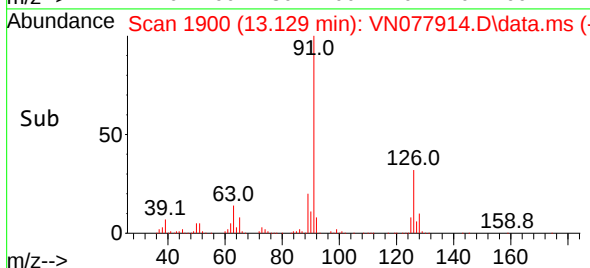
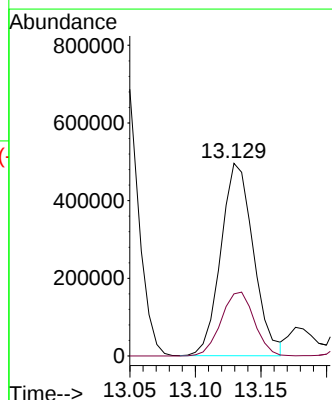
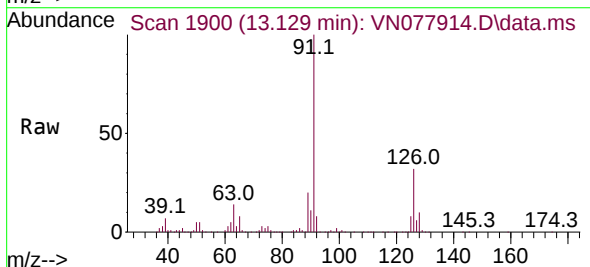
Acq: 25 May 2023 20:02

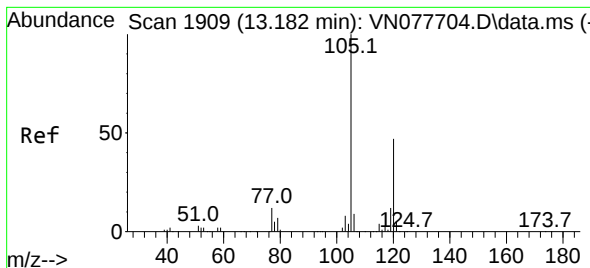
Tgt Ion: 91 Resp: 857709

Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 54.354 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion:105 Resp: 103231

Ion Ratio Lower Upper

105 100

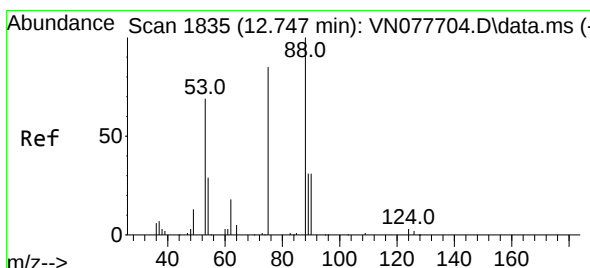
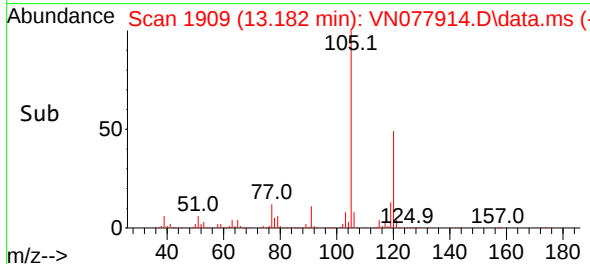
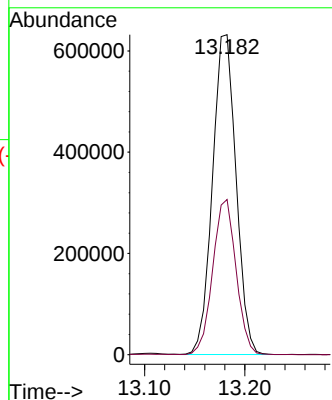
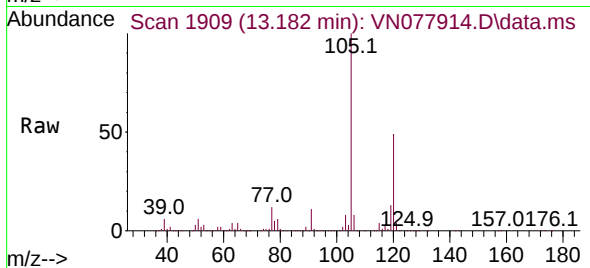
120 48.1 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 47.066 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

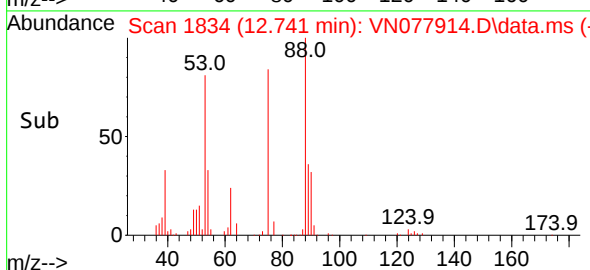
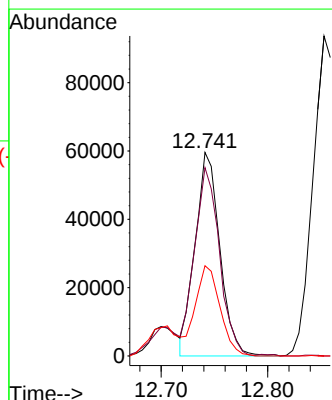
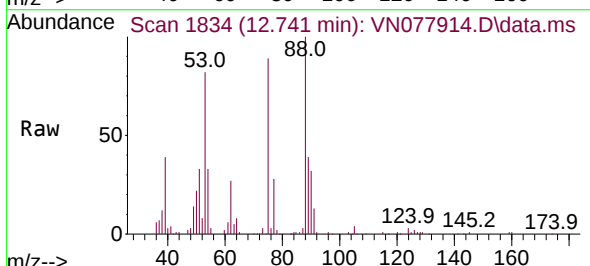
Tgt Ion: 75 Resp: 96666

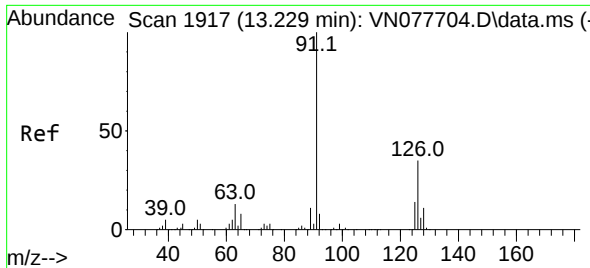
Ion Ratio Lower Upper

75 100

53 92.4 67.4 101.2

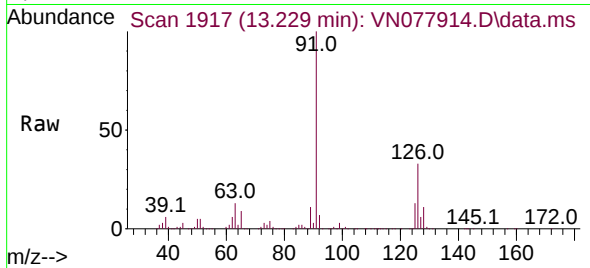
89 44.7 38.8 58.2





#82
4-Chlorotoluene
Concen: 51.395 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

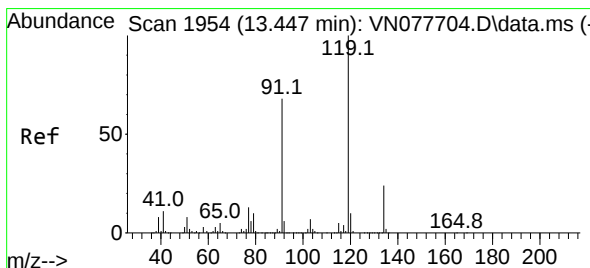
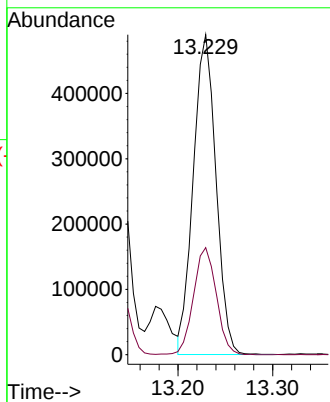
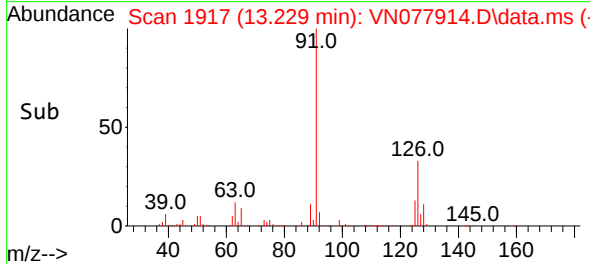
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



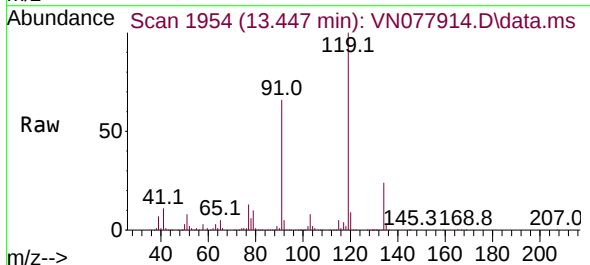
Tgt Ion: 91 Resp: 812924
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0

Manual Integrations
APPROVED

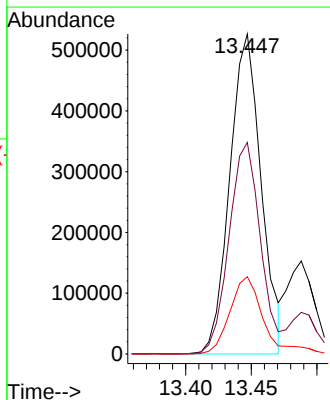
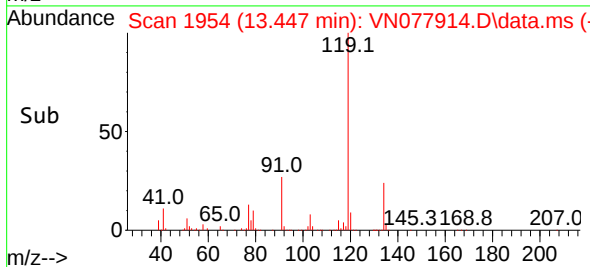
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

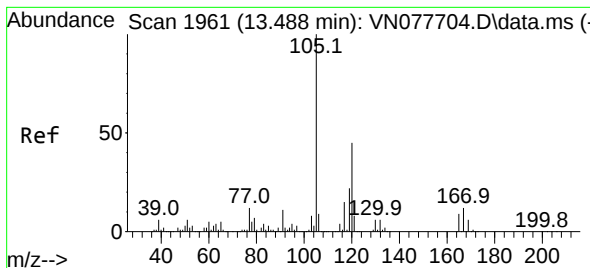


#83
tert-Butylbenzene
Concen: 52.891 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion:119 Resp: 876944
Ion Ratio Lower Upper
119 100
91 65.8 33.9 101.7
134 25.8 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 55.895 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077914.D

Acq: 25 May 2023 20:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-338-340MS

Tgt Ion:105 Resp: 1044050

Ion Ratio Lower Upper

105 100

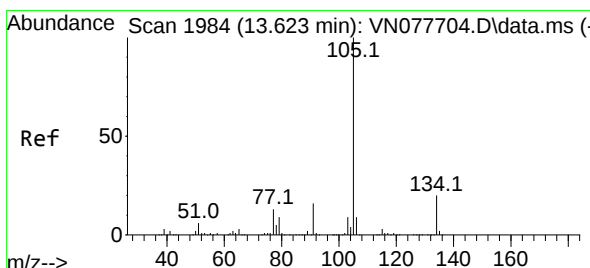
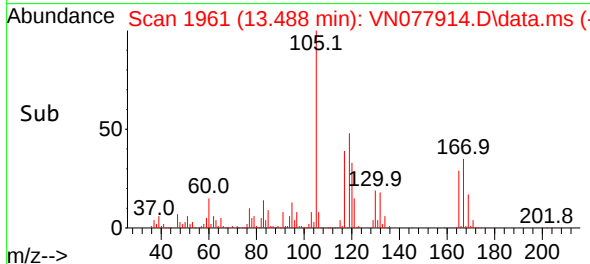
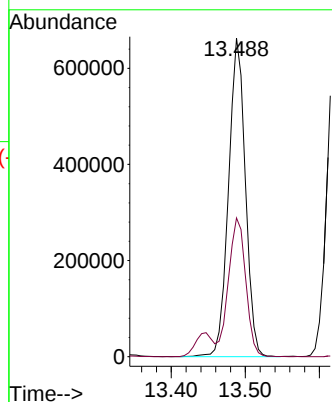
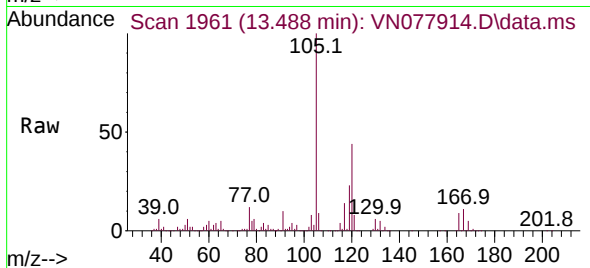
120 44.8 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#85

sec-Butylbenzene

Concen: 50.864 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077914.D

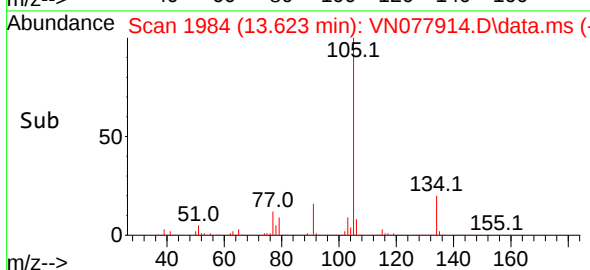
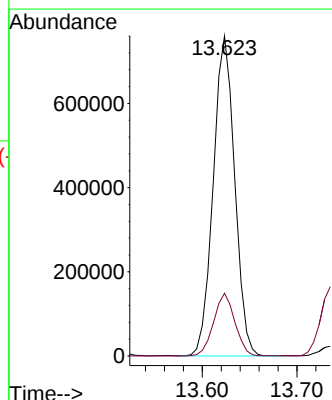
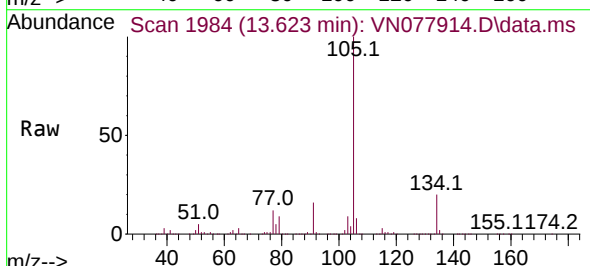
Acq: 25 May 2023 20:02

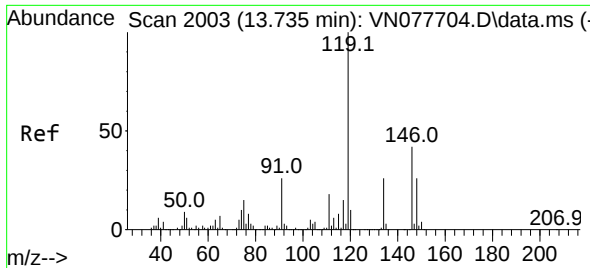
Tgt Ion:105 Resp: 1198523

Ion Ratio Lower Upper

105 100

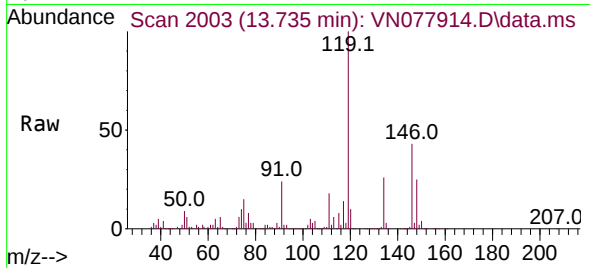
134 19.4 9.8 29.3





#86
p-Isopropyltoluene
Concen: 53.117 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

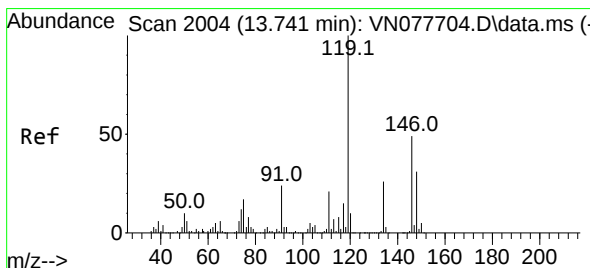
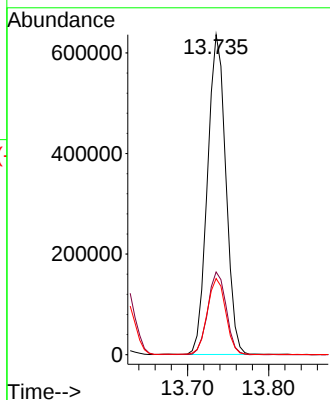
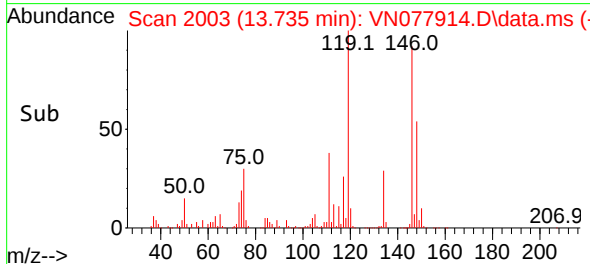
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



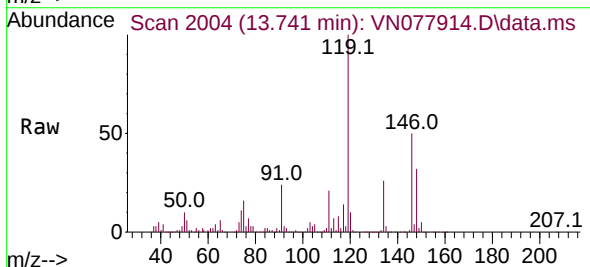
Tgt Ion:119 Resp: 99783
Ion Ratio Lower Upper
119 100
134 26.0 12.6 37.8
91 23.9 12.4 37.2

Manual Integrations
APPROVED

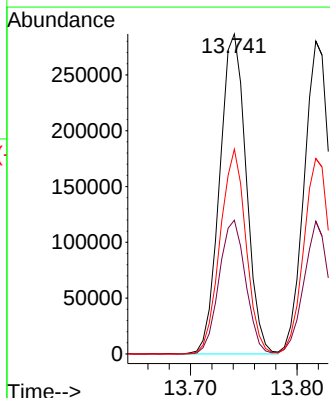
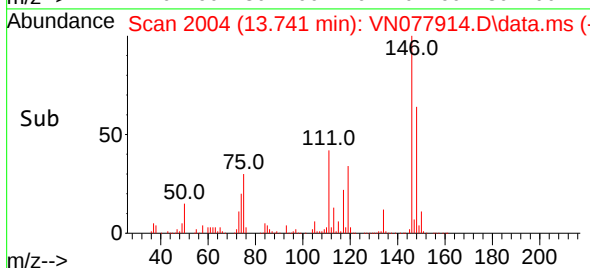
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

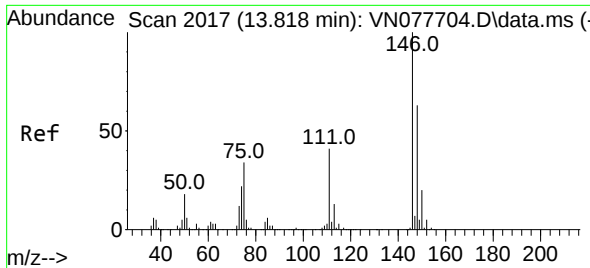


#87
1,3-Dichlorobenzene
Concen: 52.006 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02



Tgt Ion:146 Resp: 495978
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 62.2 32.0 96.0





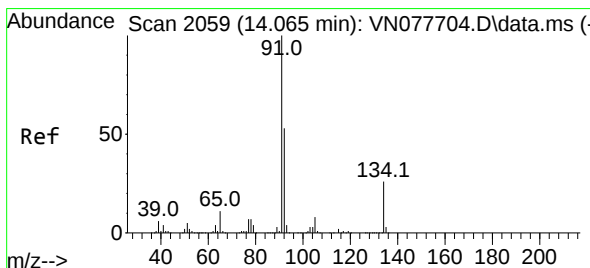
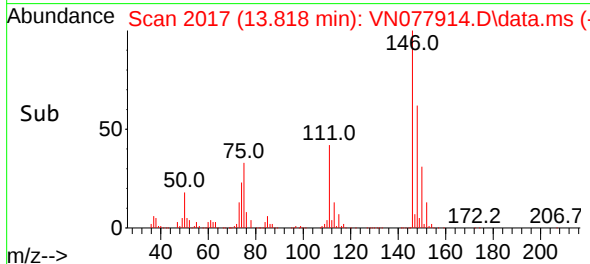
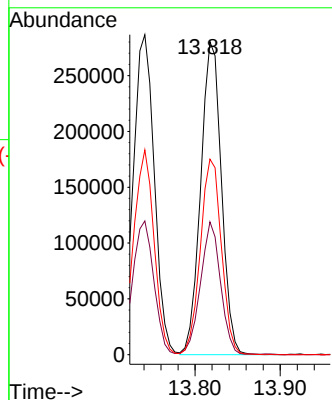
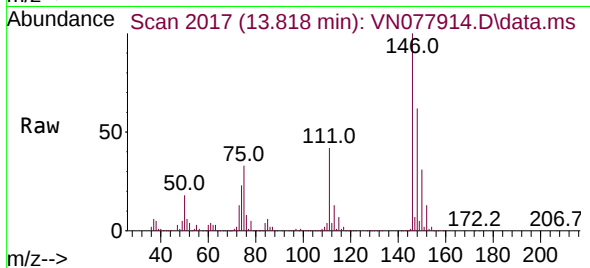
#88
1,4-Dichlorobenzene
Concen: 50.160 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS

Tgt Ion:146 Resp: 47470
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.3 31.6 94.8

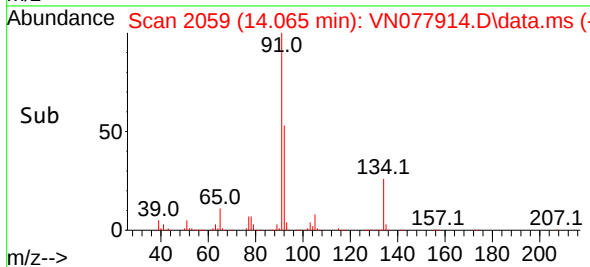
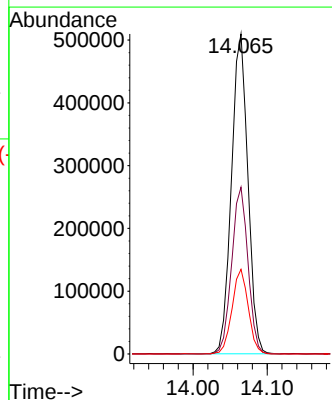
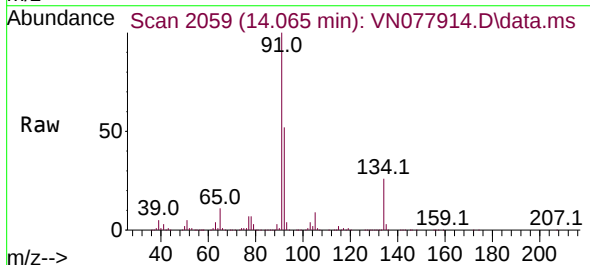
Manual Integrations
APPROVED

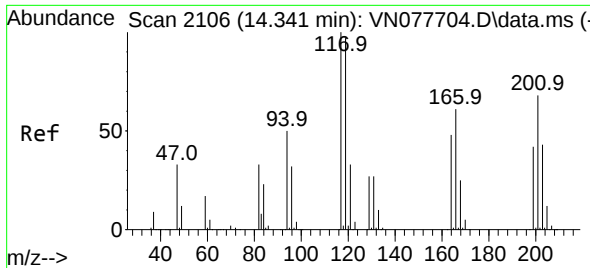
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#89
n-Butylbenzene
Concen: 45.365 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Tgt Ion: 91 Resp: 783834
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 26.2 12.6 37.6





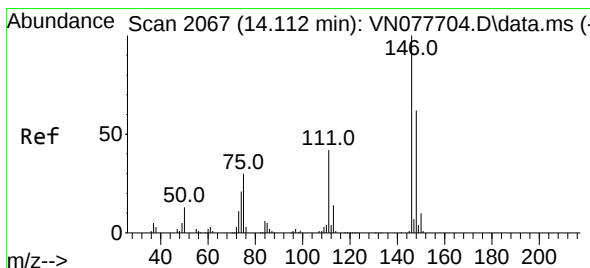
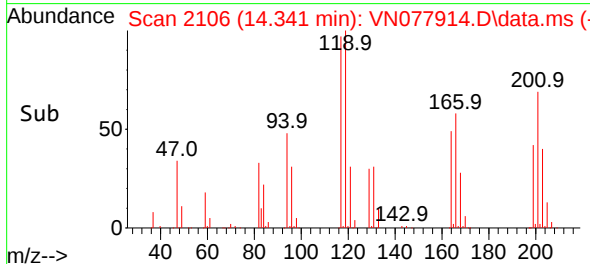
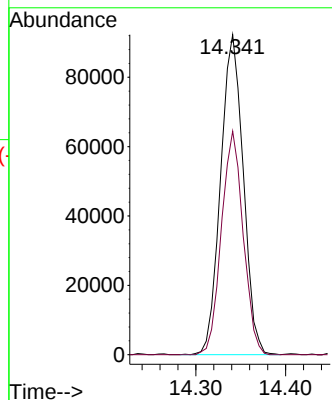
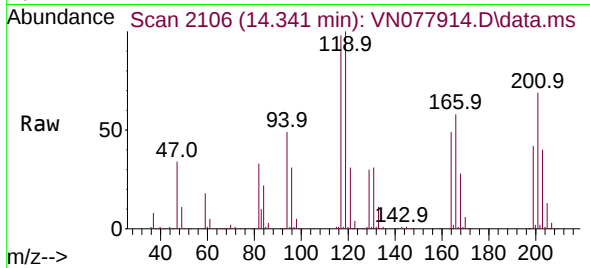
#90
Hexachloroethane
Concen: 52.418 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS

Tgt Ion:117 Resp: 16176
Ion Ratio Lower Upper
117 100
201 66.9 29.3 88.0

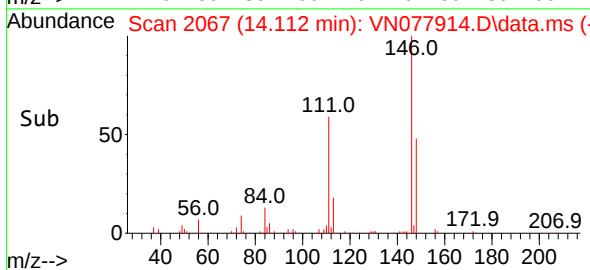
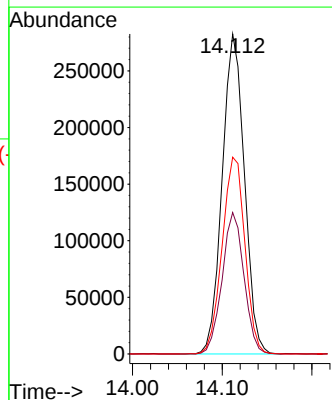
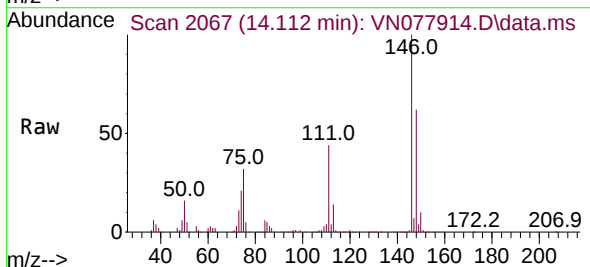
Manual Integrations
APPROVED

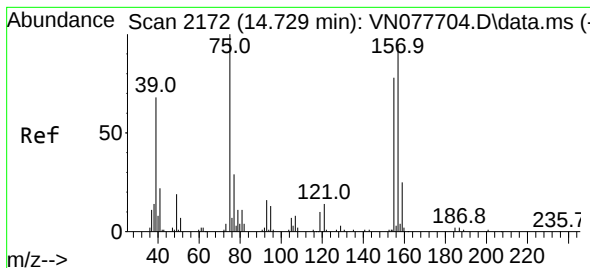
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#91
1,2-Dichlorobenzene
Concen: 54.482 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

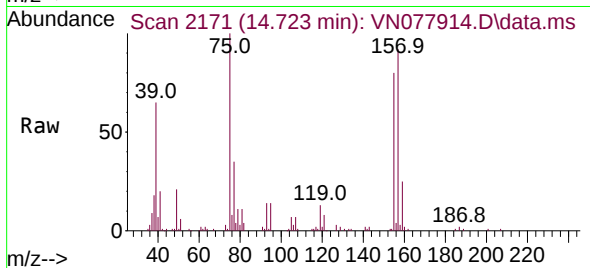
Tgt Ion:146 Resp: 485405
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.2 31.8 95.3





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.789 ug/l
 RT: 14.723 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

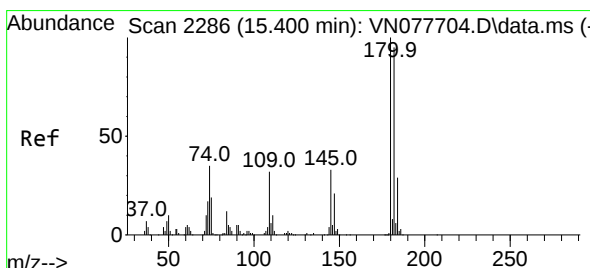
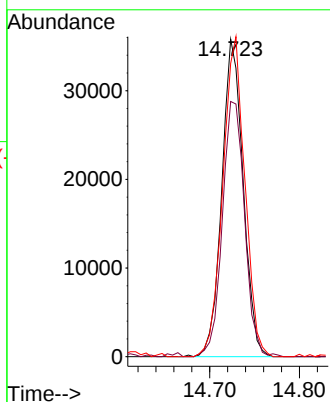
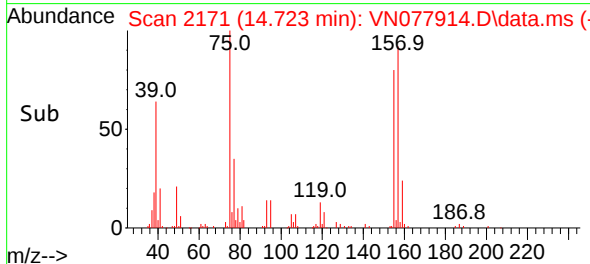
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS



Tgt Ion: 75 Resp: 58930
 Ion Ratio Lower Upper
 75 100
 155 83.9 39.1 117.2
 157 104.3 50.3 150.9

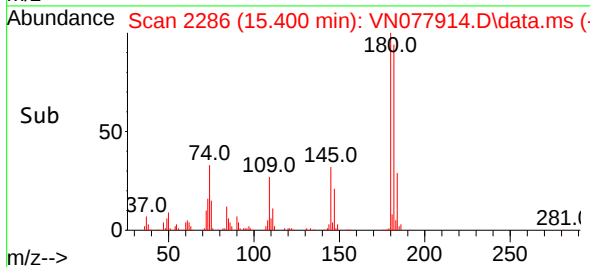
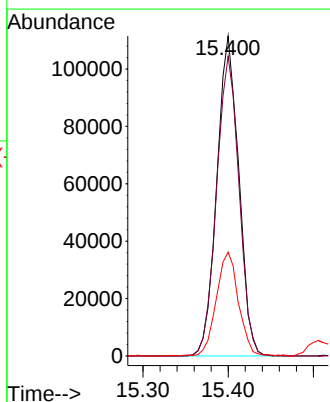
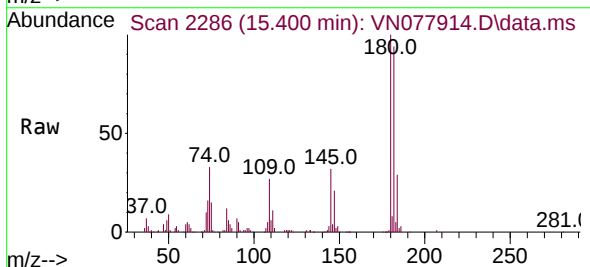
Manual Integrations
 APPROVED

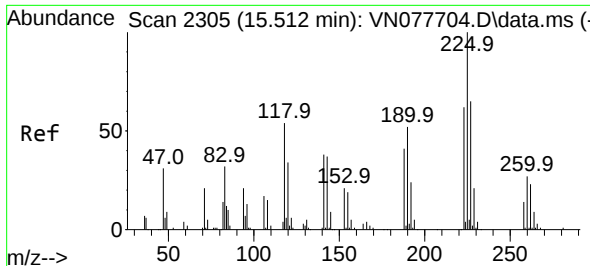
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#93
 1,2,4-Trichlorobenzene
 Concen: 38.278 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

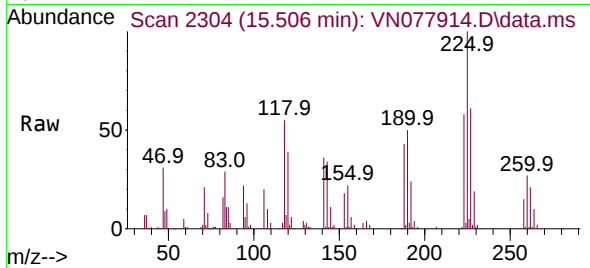
Tgt Ion:180 Resp: 199291
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.1 138.2
 145 32.8 16.6 49.8





#94
Hexachlorobutadiene
Concen: 40.785 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

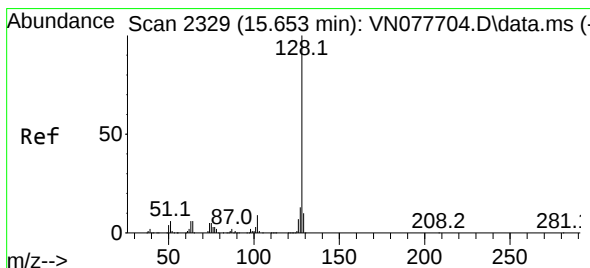
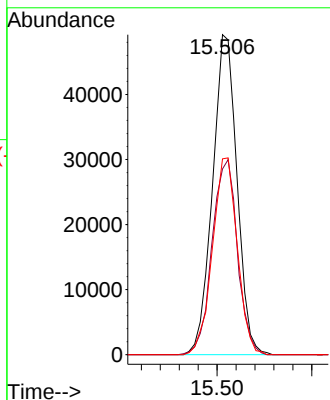
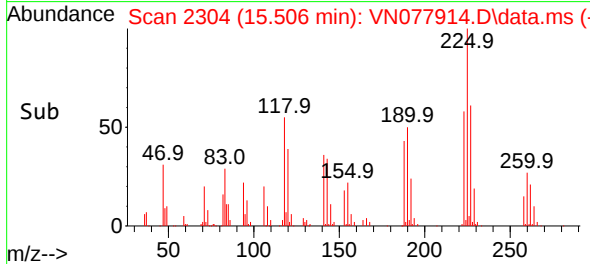
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-338-340MS



Tgt Ion:225 Resp: 88164
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 62.5 31.9 95.9

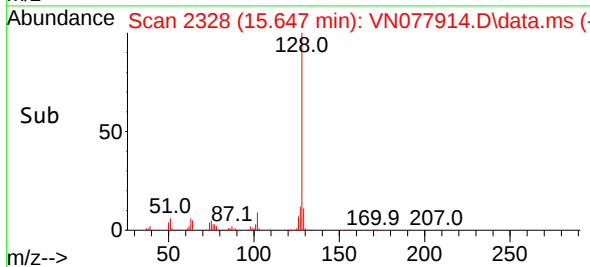
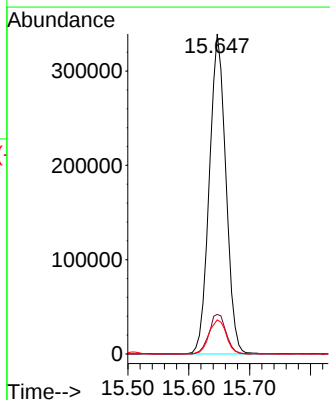
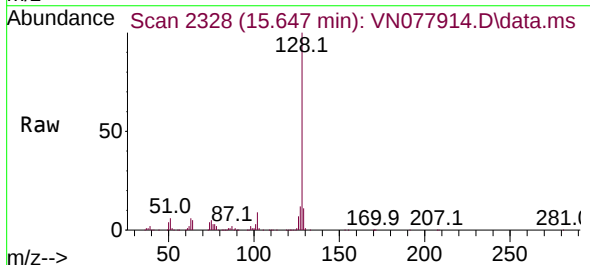
Manual Integrations
APPROVED

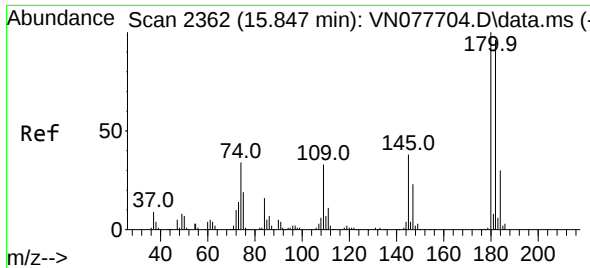
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#95
Naphthalene
Concen: 35.737 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077914.D
Acq: 25 May 2023 20:02

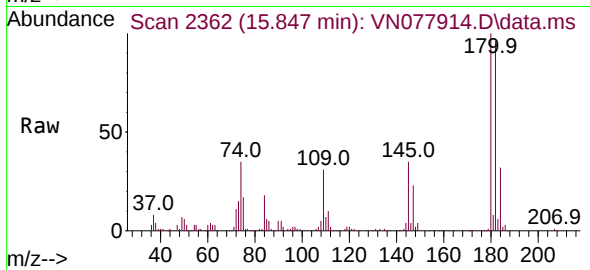
Tgt Ion:128 Resp: 640426
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 38.954 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077914.D
 Acq: 25 May 2023 20:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-338-340MS



Tgt Ion:180 Resp: 19857
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.2 138.6
 145 35.0 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

