

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076407.D
 Acq On : 25 Jan 2023 17:22
 Operator : JC\MD
 Sample : 01291-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD

Quant Time: Jan 26 07:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	476151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201598	56.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.960%			
35) Dibromofluoromethane	8.171	113	172861	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	10.571	98	632521	52.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.853	95	228995	58.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	167124	51.611	ug/l	97
3) Chloromethane	2.377	50	181523	54.143	ug/l	96
4) Vinyl Chloride	2.530	62	261666	63.650	ug/l	99
5) Bromomethane	2.953	94	188880	56.105	ug/l	98
6) Chloroethane	3.124	64	178580	57.931	ug/l	95
7) Trichlorofluoromethane	3.512	101	327022	57.821	ug/l	100
8) Diethyl Ether	3.977	74	111621	58.841	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	171670	53.618	ug/l	97
10) Methyl Iodide	4.600	142	249158	50.946	ug/l	96
11) Tert butyl alcohol	5.536	59	126415	267.126	ug/l	99
12) 1,1-Dichloroethene	4.353	96	157653	52.089	ug/l	86
13) Acrolein	4.194	56	205226	362.620	ug/l	99
14) Allyl chloride	5.036	41	217808	61.754	ug/l	91
15) Acrylonitrile	5.730	53	375798	279.051	ug/l	99
16) Acetone	4.442	43	299941	264.455	ug/l	98
17) Carbon Disulfide	4.724	76	361656	47.990	ug/l	98
18) Methyl Acetate	5.042	43	208115	54.143	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	576766	58.536	ug/l	99
20) Methylene Chloride	5.289	84	182859	54.539	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	169113	51.577	ug/l	96
22) Diisopropyl ether	6.683	45	496214	59.658	ug/l	98
23) Vinyl Acetate	6.618	43	1535930	285.720	ug/l	97
24) 1,1-Dichloroethane	6.577	63	309164	55.762	ug/l	99
25) 2-Butanone	7.494	43	470198	271.434	ug/l	95
26) 2,2-Dichloropropane	7.500	77	243998	52.215	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	208494	54.520	ug/l	98
28) Bromochloromethane	7.818	49	126390	56.242	ug/l	93
29) Tetrahydrofuran	7.841	42	307779	287.878	ug/l	97
30) Chloroform	7.971	83	350278	57.097	ug/l	99
31) Cyclohexane	8.265	56	269716	49.625	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	312920	55.868	ug/l	94
36) 1,1-Dichloropropene	8.377	75	242902	52.345	ug/l	99
37) Ethyl Acetate	7.571	43	190285	51.123	ug/l	97
38) Carbon Tetrachloride	8.371	117	278737	53.865	ug/l	99
39) Methylcyclohexane	9.606	83	298976	52.760	ug/l	98
40) Benzene	8.612	78	731979	52.753	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	110032	56.461	ug/l	97
42) 1,2-Dichloroethane	8.677	62	268772	56.614	ug/l	98
43) Isopropyl Acetate	8.694	43	331450	54.740	ug/l	99
44) Trichloroethene	9.353	130	193017	49.183	ug/l	98
45) 1,2-Dichloropropane	9.624	63	178728	53.800	ug/l	100
46) Dibromomethane	9.712	93	133795	53.343	ug/l	97
47) Bromodichloromethane	9.894	83	273217	56.163	ug/l	98
48) Methyl methacrylate	9.682	41	163944	57.193	ug/l	96
49) 1,4-Dioxane	9.694	88	66363	1097.176	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1031832	290.289	ug/l	98
52) Toluene	10.635	92	483933	52.153	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	270368	58.301	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	291546	54.645	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	193074	54.436	ug/l	98
56) Ethyl methacrylate	10.876	69	275075	60.074	ug/l	98
57) 1,3-Dichloropropane	11.165	76	319228	55.385	ug/l	98
59) 2-Hexanone	11.194	43	737110	286.169	ug/l	99
60) Dibromochloromethane	11.359	129	216774	58.060	ug/l	100
61) 1,2-Dibromoethane	11.470	107	192750	54.445	ug/l	99
64) Tetrachloroethene	11.106	164	183809	42.806	ug/l	96
65) Chlorobenzene	11.894	112	512159	50.884	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	200325	53.493	ug/l	99
67) Ethyl Benzene	11.965	91	948943	55.087	ug/l	99
68) m/p-Xylenes	12.070	106	738994	106.984	ug/l	98
69) o-Xylene	12.400	106	367412	54.163	ug/l	97
70) Styrene	12.412	104	589050	54.385	ug/l	98
71) Bromoform	12.582	173	150117	55.507	ug/l #	99
73) Isopropylbenzene	12.700	105	969979	54.524	ug/l	99
74) N-amyl acetate	12.494	43	287124	56.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	272149	53.216	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	237712m	56.873	ug/l	
77) Bromobenzene	12.982	156	223525	53.785	ug/l	95
78) n-propylbenzene	13.035	91	1109479	55.273	ug/l	98
79) 2-Chlorotoluene	13.129	91	653545	53.058	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	820617	55.062	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	70813	51.235	ug/l	93
82) 4-Chlorotoluene	13.129	91	653545	53.058	ug/l	99
83) tert-Butylbenzene	13.441	119	722382	54.498	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	818755	54.787	ug/l	98
85) sec-Butylbenzene	13.617	105	1012420	55.044	ug/l	99
86) p-Isopropyltoluene	13.729	119	861530	56.962	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	419972	50.087	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	410505	51.463	ug/l	99
89) n-Butylbenzene	14.059	91	681453	56.757	ug/l	100
90) Hexachloroethane	14.335	117	147713	56.586	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	416620	49.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48075	54.080	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	192380	47.735	ug/l	99
94) Hexachlorobutadiene	15.506	225	101103	45.620	ug/l	97
95) Naphthalene	15.641	128	578286	48.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	186665	48.563	ug/l	99

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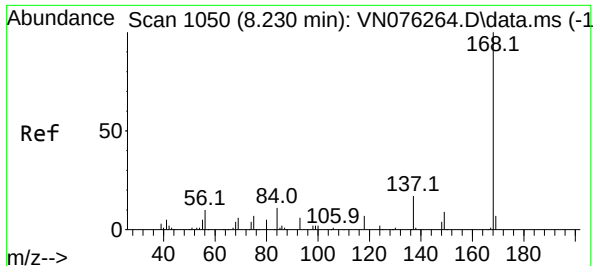
Manual Integrations
APPROVED

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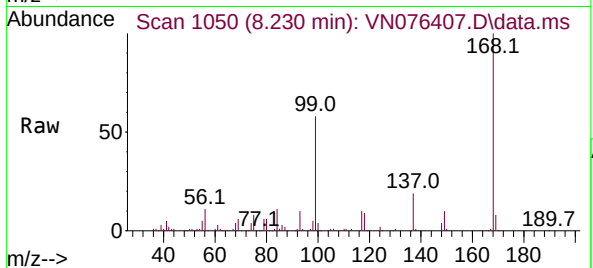
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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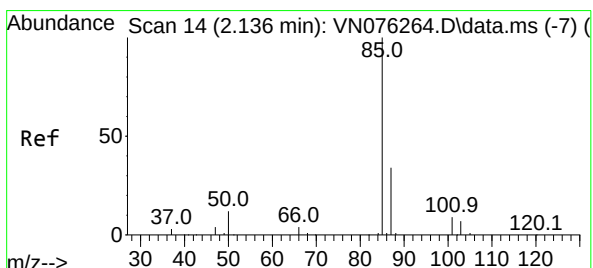
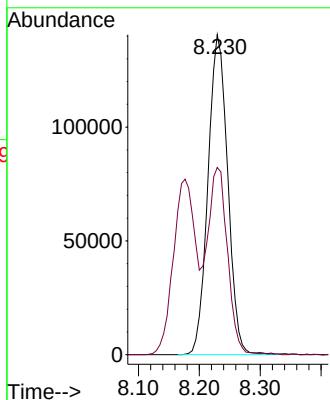
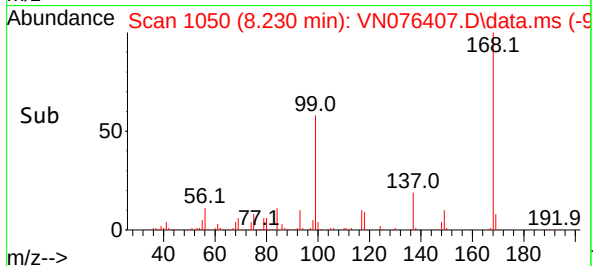
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



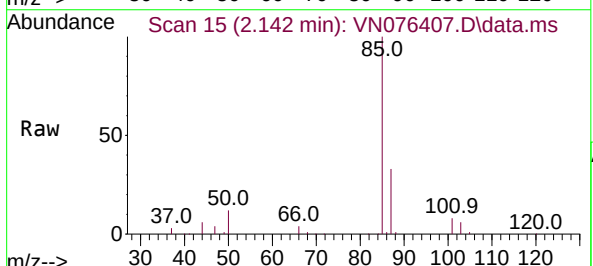
Tgt Ion:168 Resp: 315990
Ion Ratio Lower Upper
168 100
99 58.2 41.6 62.4

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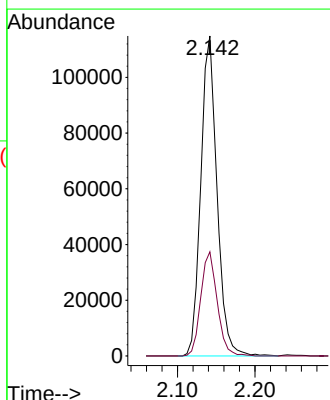
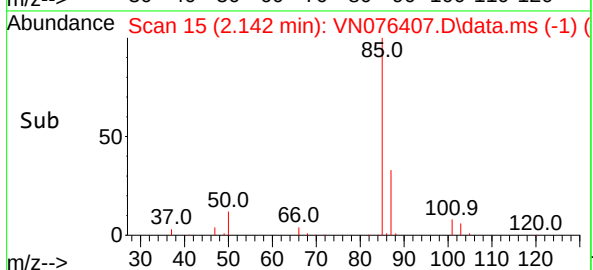
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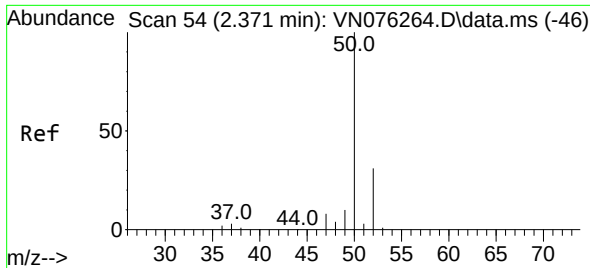


#2
Dichlorodifluoromethane
Concen: 51.611 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



Tgt Ion: 85 Resp: 167124
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.2





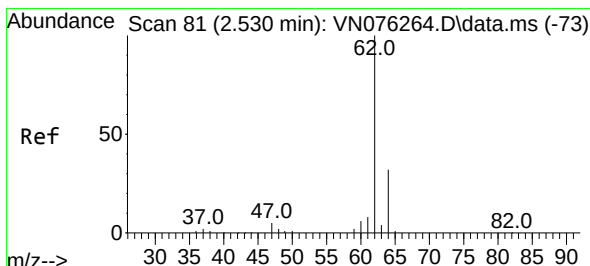
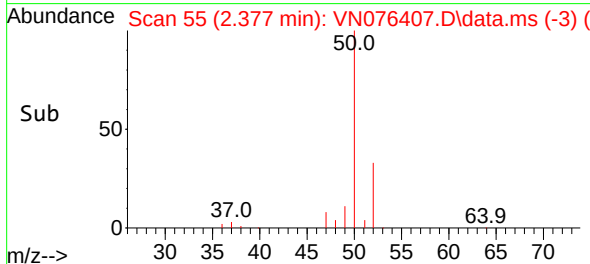
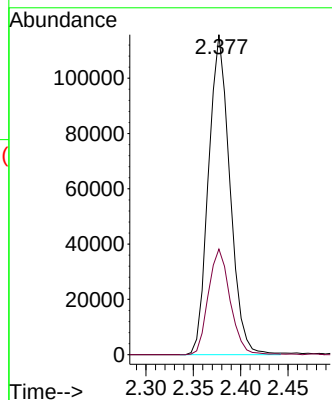
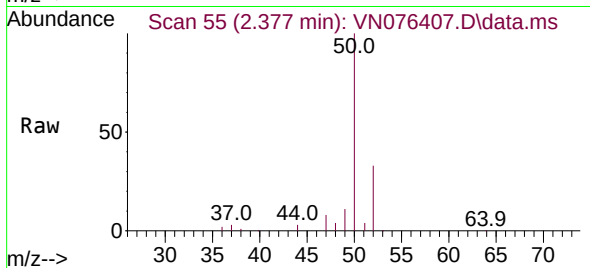
#3
Chloromethane
Concen: 54.143 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076407.D
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Tgt Ion: 50 Resp: 18152
Ion Ratio Lower Upper
50 100
52 33.0 24.8 37.2

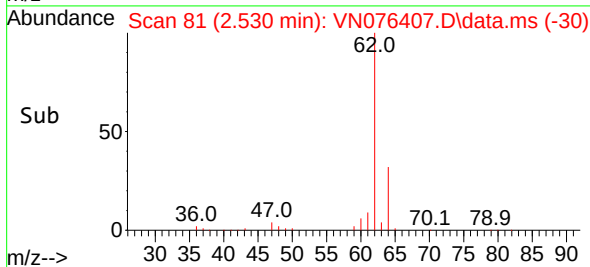
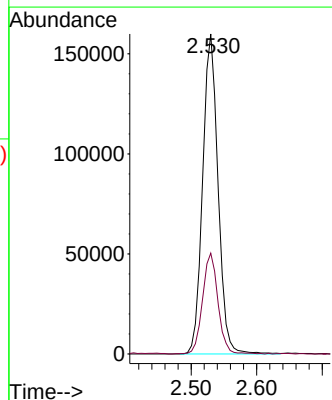
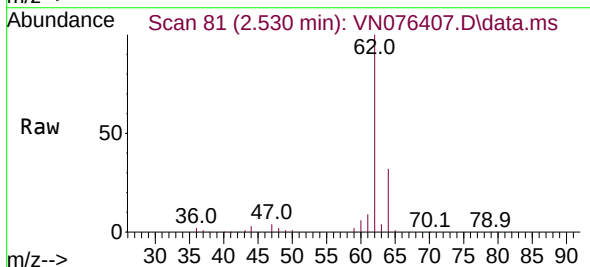
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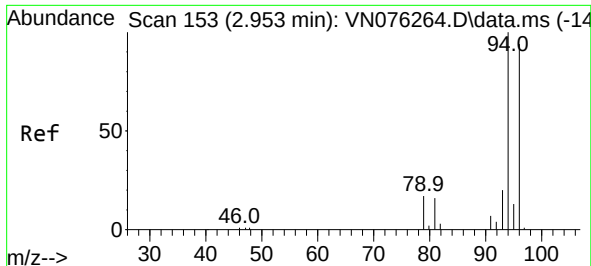
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#4
Vinyl Chloride
Concen: 63.650 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

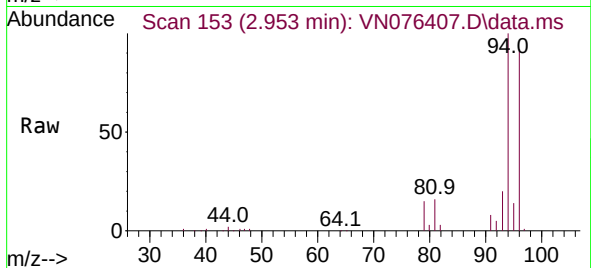
Tgt Ion: 62 Resp: 261666
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 56.105 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

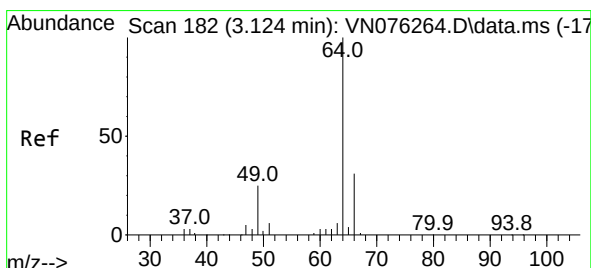
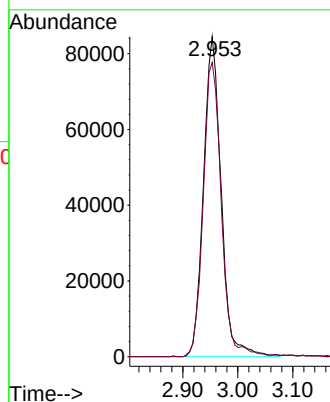
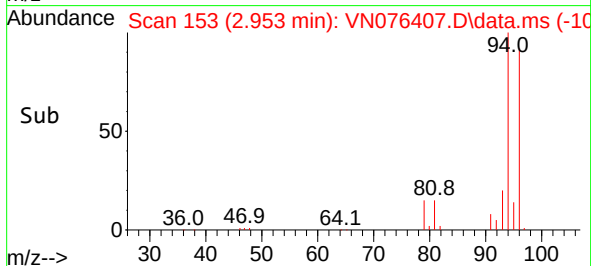
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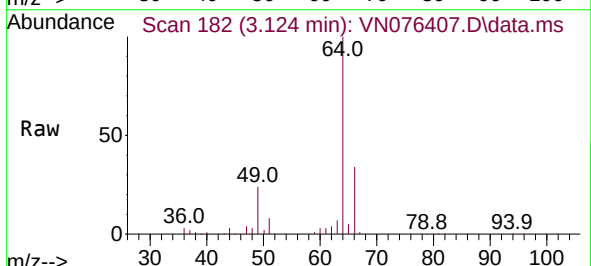
Tgt Ion: 94 Resp: 188880
Ion Ratio Lower Upper
94 100
96 91.9 75.1 112.7

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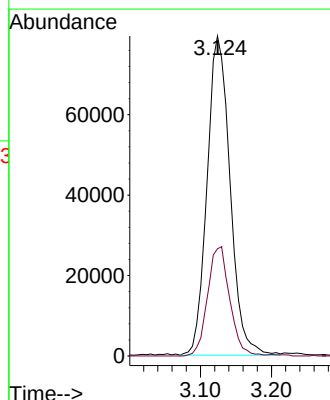
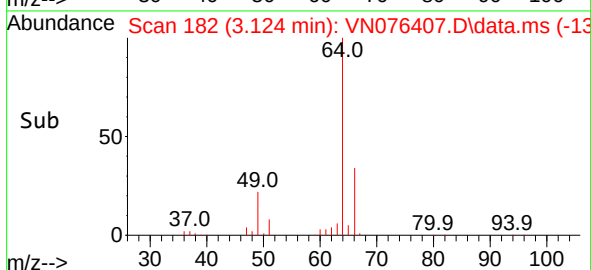
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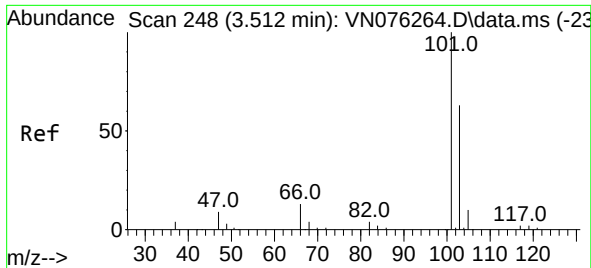


#6
Chloroethane
Concen: 57.931 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076407.D
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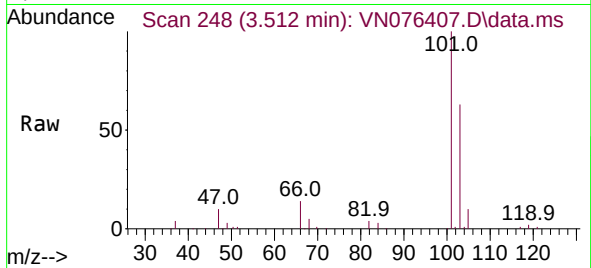
Tgt Ion: 64 Resp: 178580
Ion Ratio Lower Upper
64 100
66 33.6 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 57.821 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076407.D
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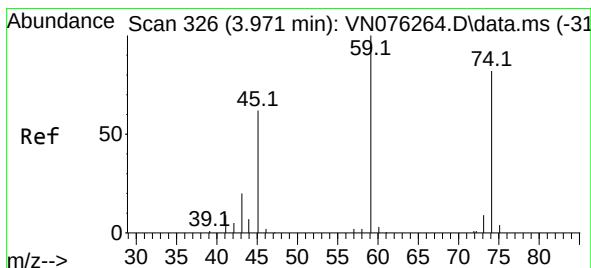
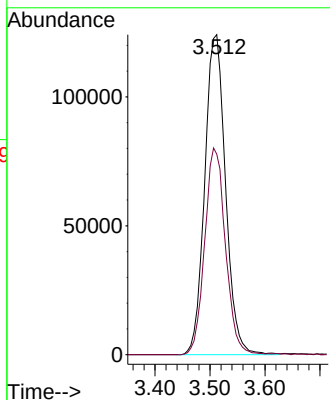
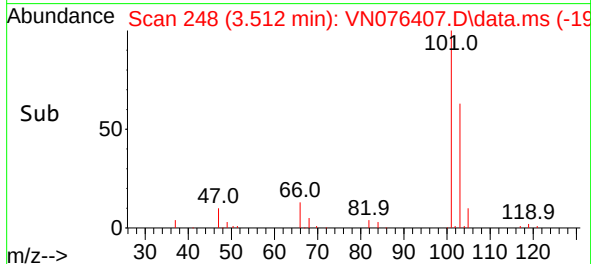
Instrument :
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 BP-VPB-RW10-GW-338-340MSD



Tgt Ion:101 Resp: 32702
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.2 75.4

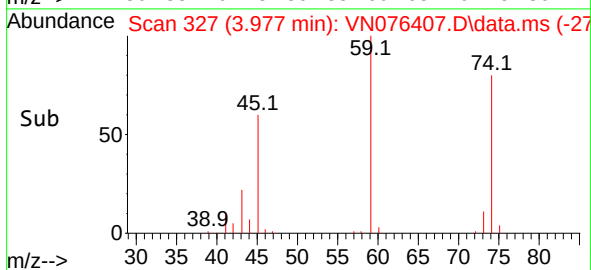
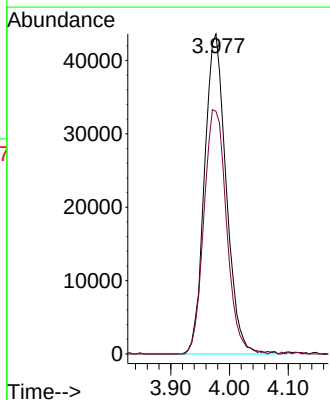
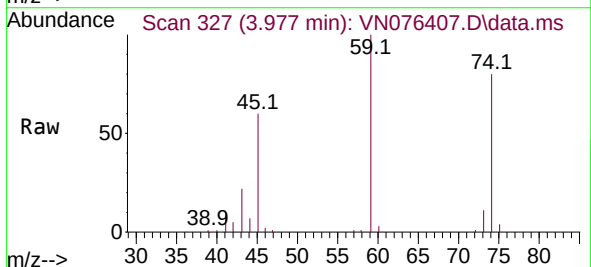
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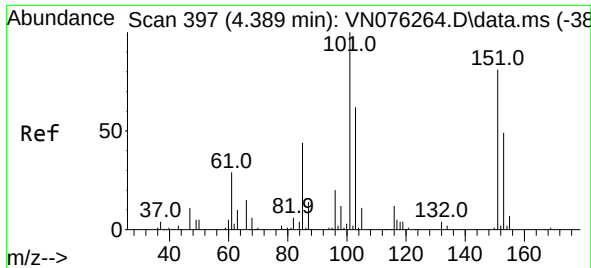
Reviewed By :John Carlone 01/26/2023
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#8
 Diethyl Ether
 Concen: 58.841 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 111621
 Ion Ratio Lower Upper
 74 100
 45 79.9 37.8 113.3





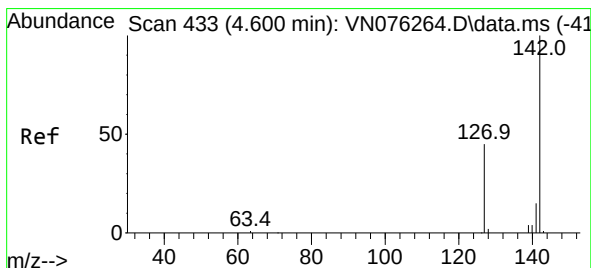
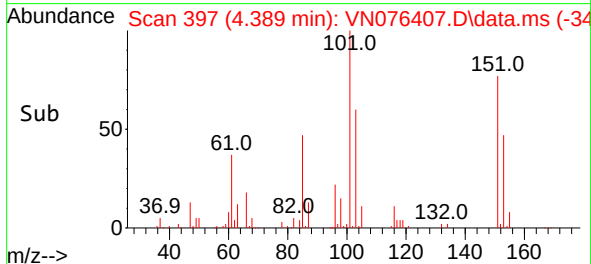
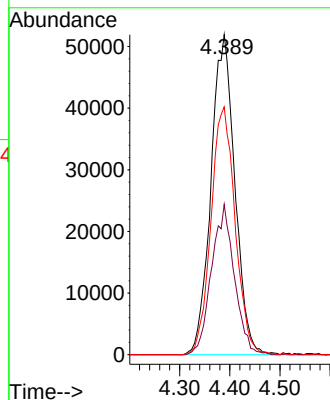
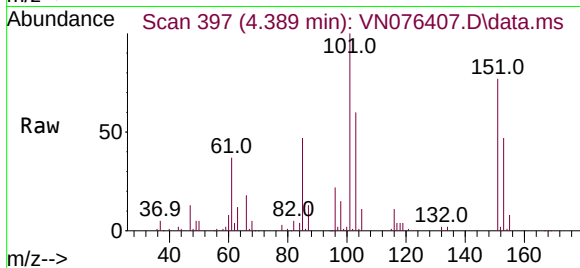
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.618 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD

Tgt Ion:101 Resp: 171670
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 78.4 65.5 98.3

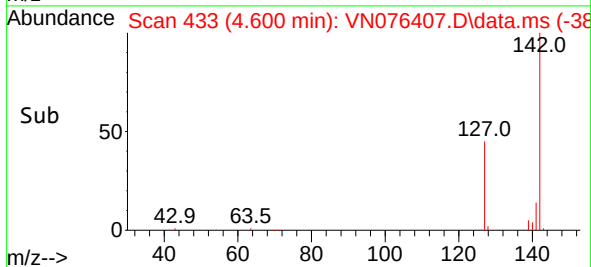
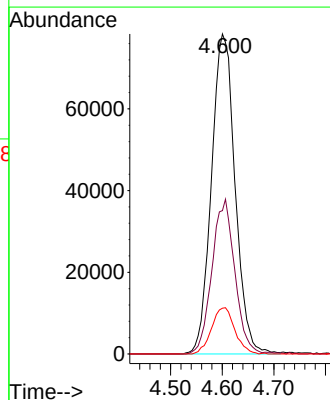
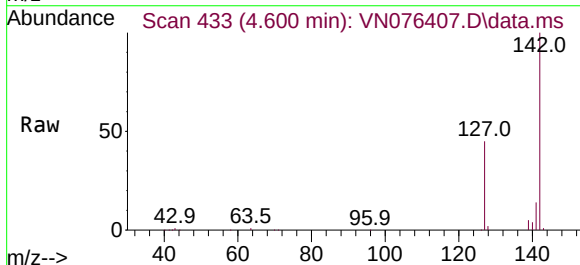
Manual Integrations
APPROVED

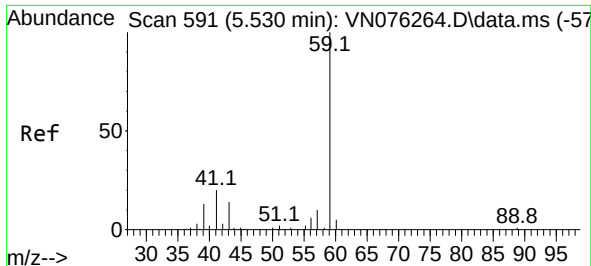
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 50.946 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

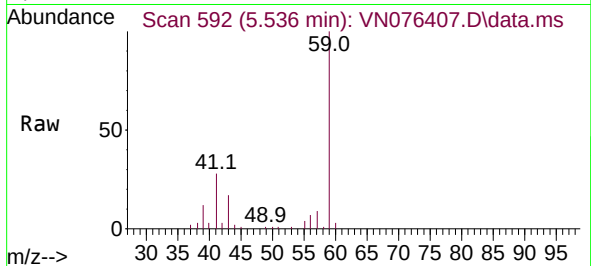
Tgt Ion:142 Resp: 249158
Ion Ratio Lower Upper
142 100
127 46.8 35.0 52.4
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 267.126 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

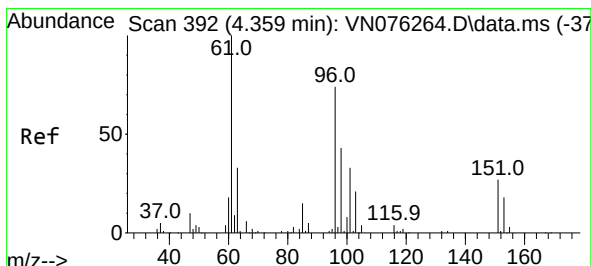
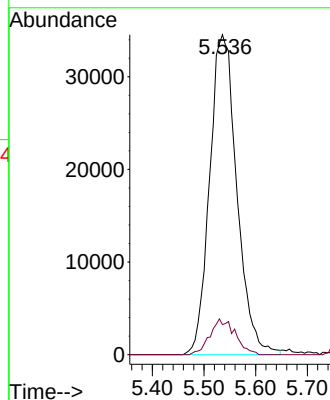
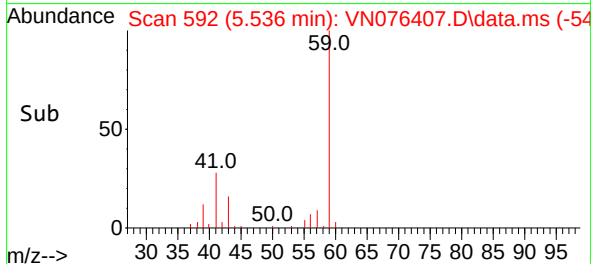
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 59 Resp: 126415
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

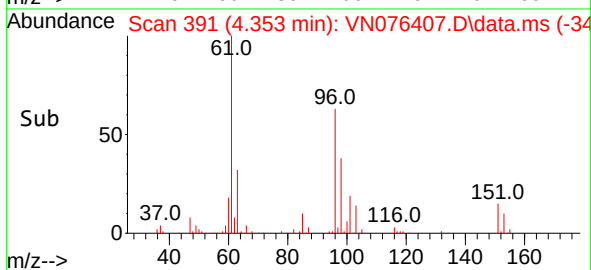
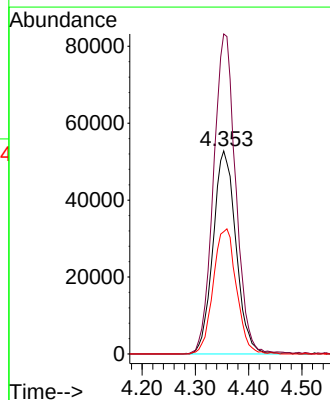
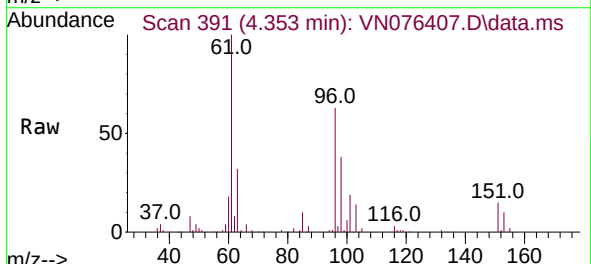
Manual Integrations
APPROVED

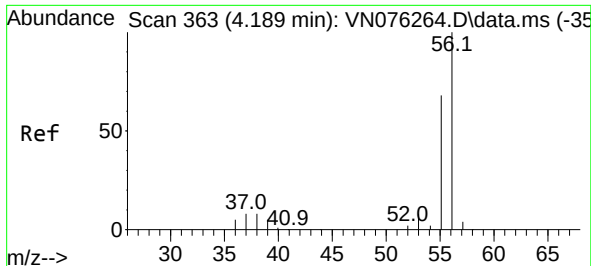
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#12
1,1-Dichloroethene
Concen: 52.089 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

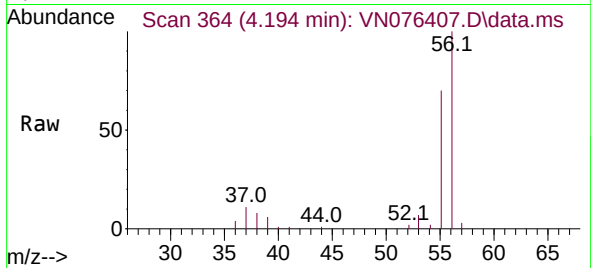
Tgt Ion: 96 Resp: 157653
Ion Ratio Lower Upper
96 100
61 157.7 108.2 162.4
98 60.2 47.0 70.6





#13
Acrolein
Concen: 362.620 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

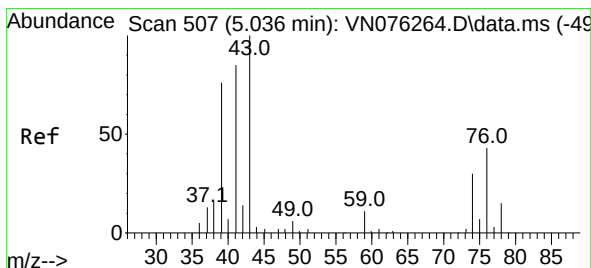
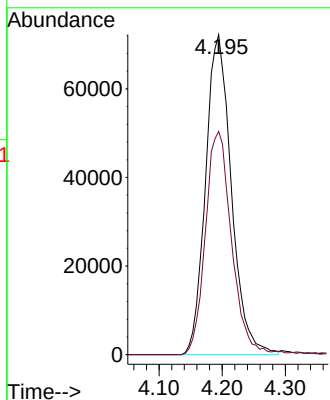
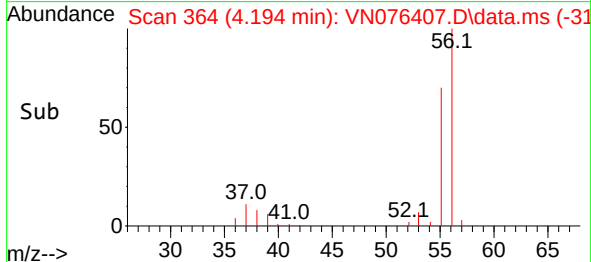
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



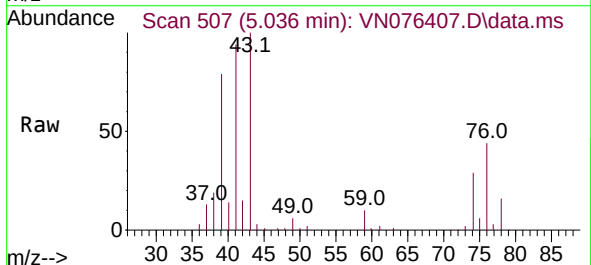
Tgt Ion: 56 Resp: 205220
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.6

Manual Integrations
APPROVED

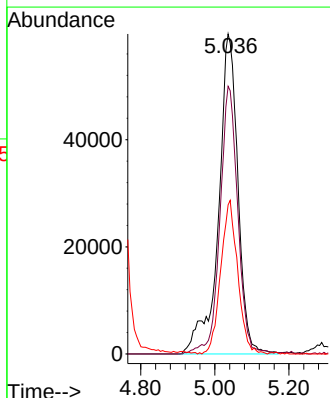
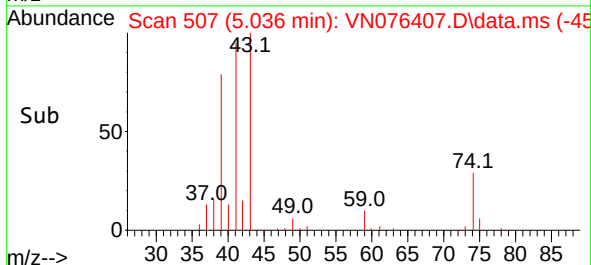
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

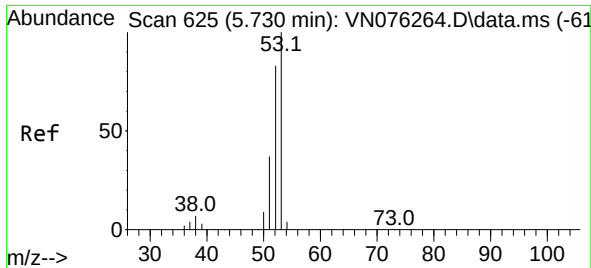


#14
Allyl chloride
Concen: 61.754 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



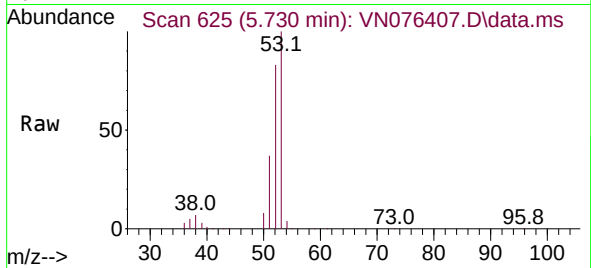
Tgt Ion: 41 Resp: 217808
Ion Ratio Lower Upper
41 100
39 76.7 67.4 101.0
76 41.9 39.8 59.8





#15
Acrylonitrile
Concen: 279.051 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

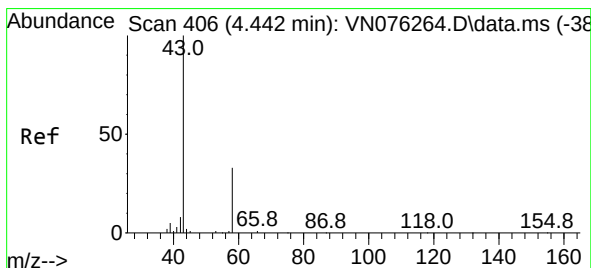
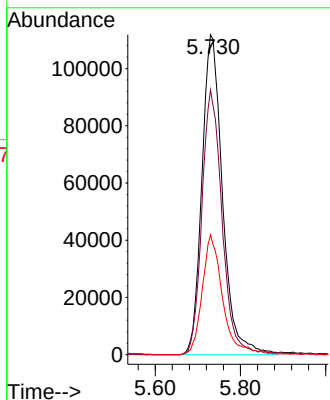
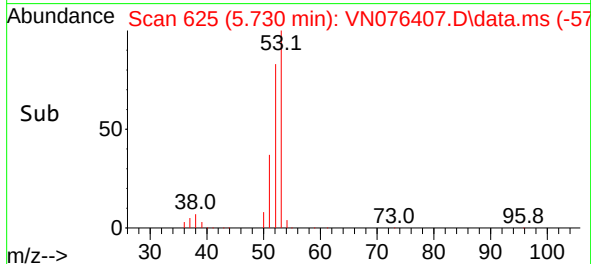
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 53 Resp: 375798
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 37.2 29.2 43.8

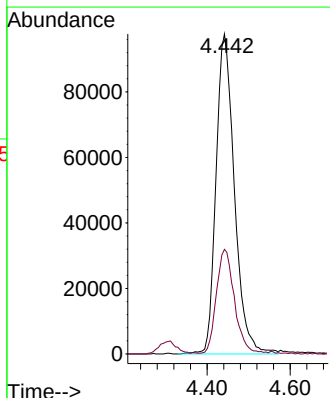
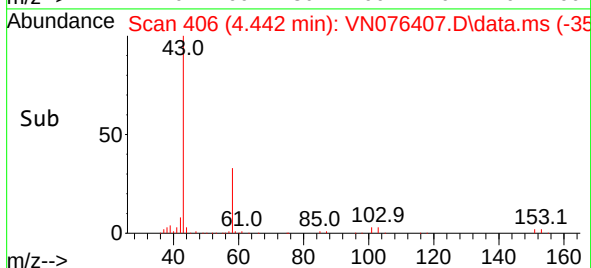
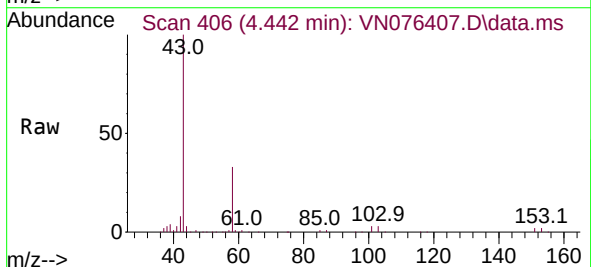
Manual Integrations
APPROVED

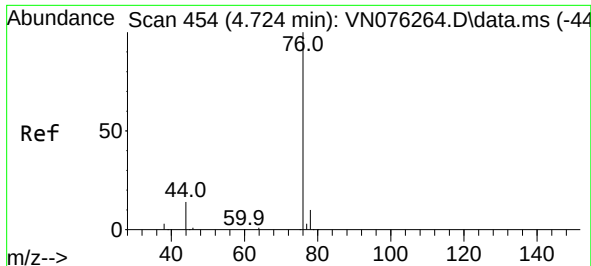
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#16
Acetone
Concen: 264.455 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

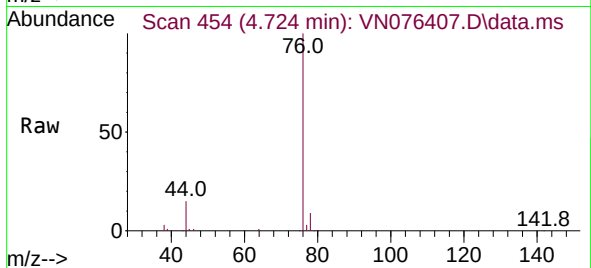
Tgt Ion: 43 Resp: 299941
Ion Ratio Lower Upper
43 100
58 32.3 26.7 40.1





#17
Carbon Disulfide
Concen: 47.990 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

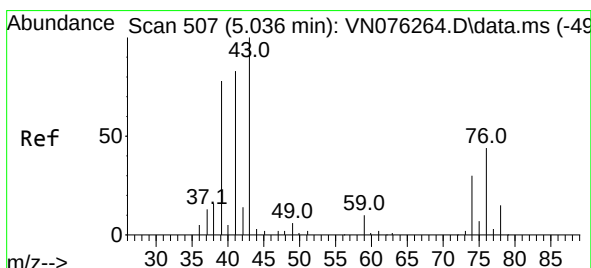
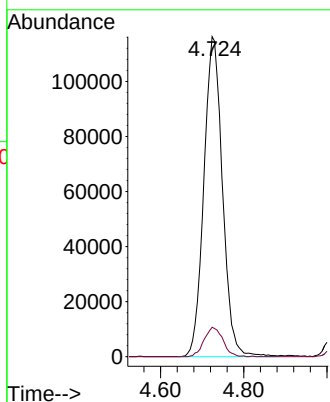
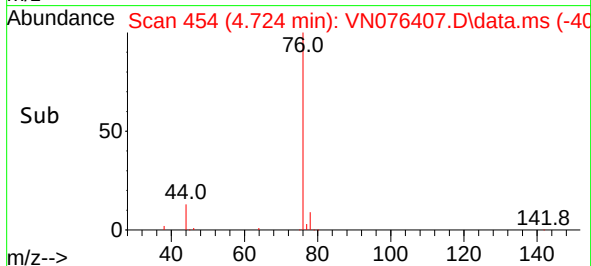
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 76 Resp: 361650
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0

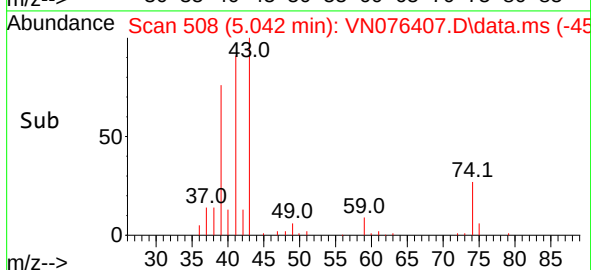
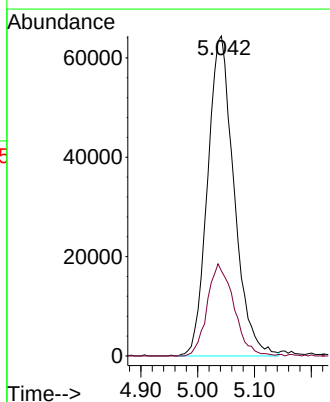
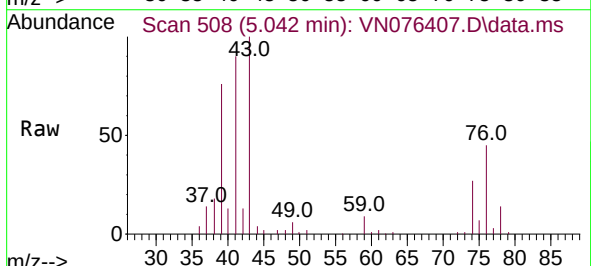
Manual Integrations
APPROVED

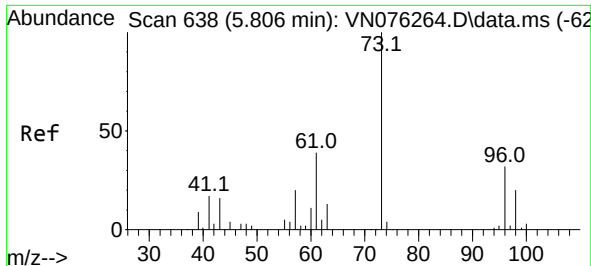
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#18
Methyl Acetate
Concen: 54.143 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

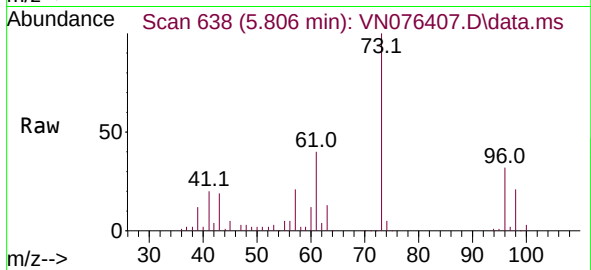
Tgt Ion: 43 Resp: 208115
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 58.536 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

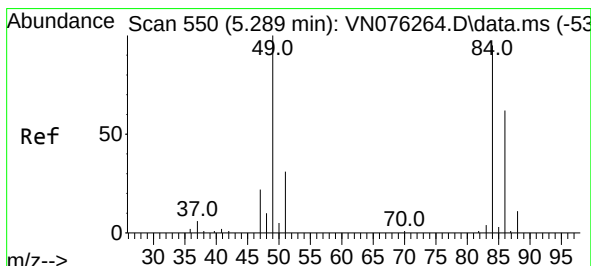
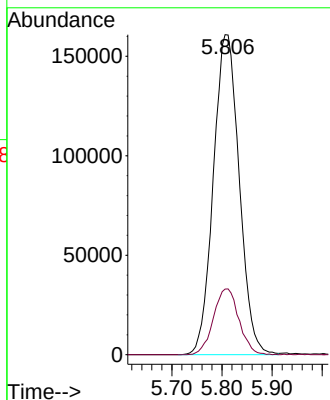
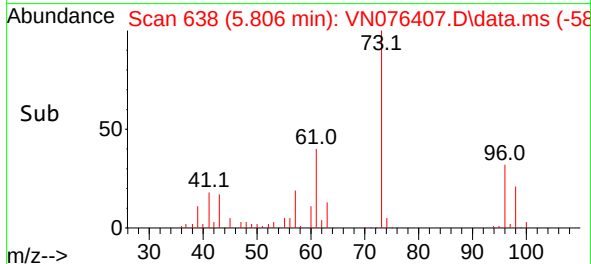
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 73 Resp: 57676
Ion Ratio Lower Upper
73 100
57 20.5 15.9 23.9

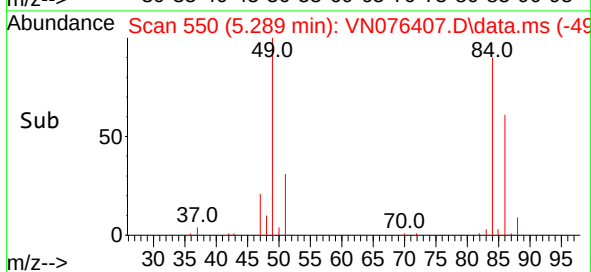
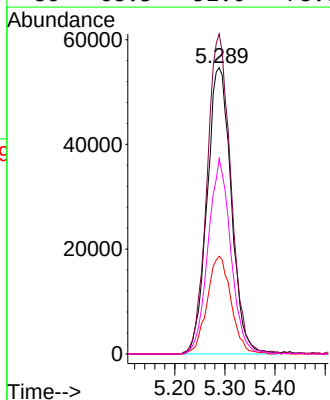
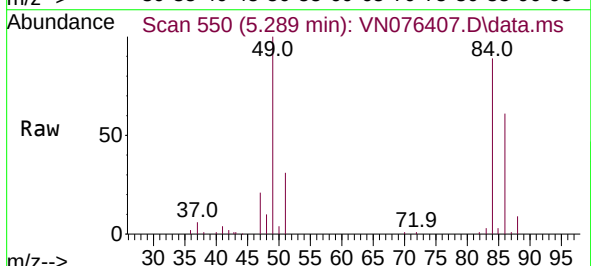
Manual Integrations
APPROVED

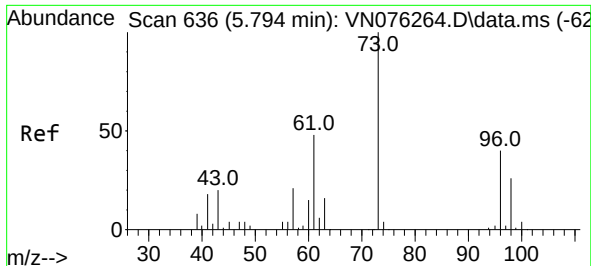
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 54.539 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

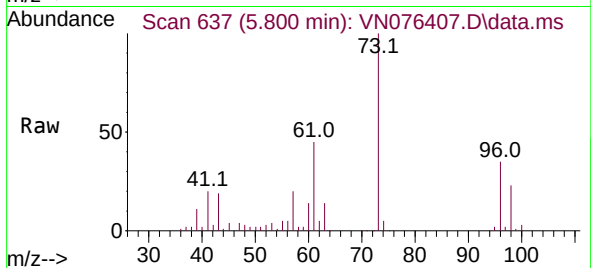
Tgt Ion: 84 Resp: 182859
Ion Ratio Lower Upper
84 100
49 111.8 84.5 126.7
51 34.2 26.0 39.0
86 68.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.577 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

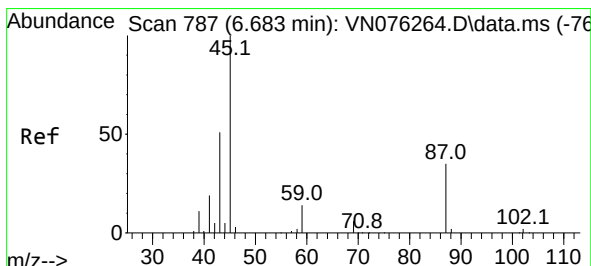
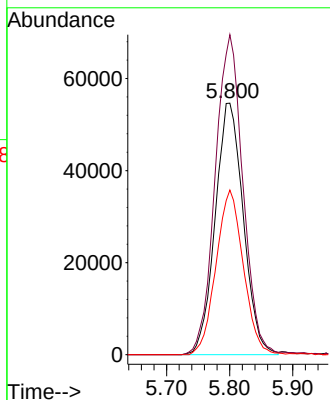
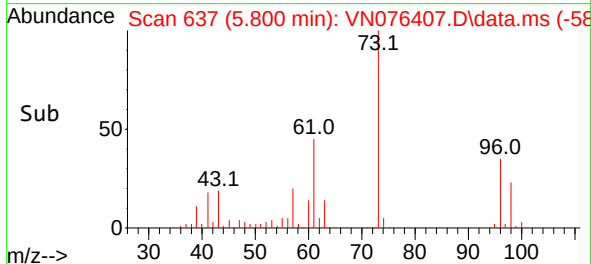
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 96 Resp: 16911
Ion Ratio Lower Upper
96 100
61 127.2 97.0 145.4
98 65.5 51.9 77.9

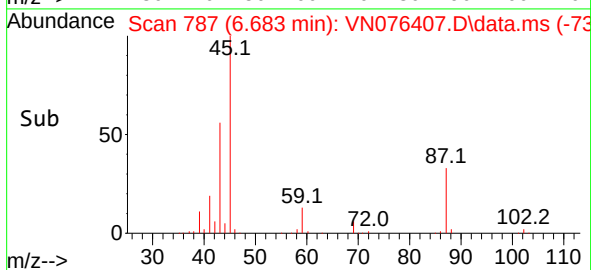
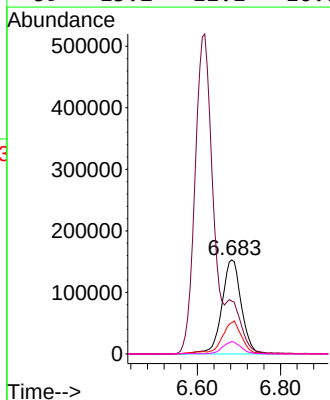
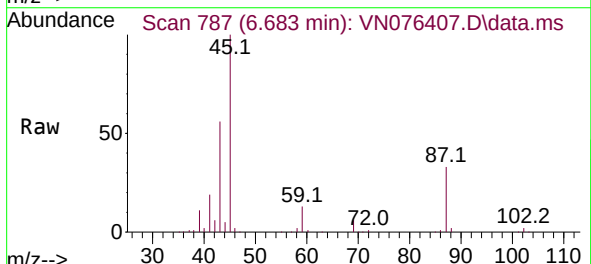
Manual Integrations
APPROVED

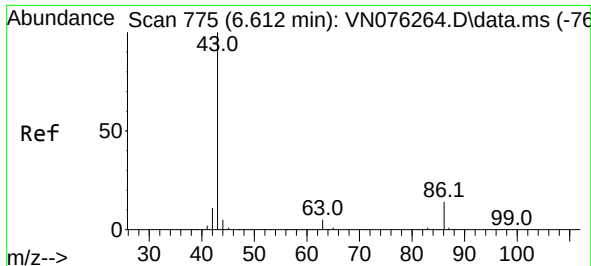
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 59.658 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 45 Resp: 496214
Ion Ratio Lower Upper
45 100
43 55.1 44.4 66.6
87 33.0 28.4 42.6
59 13.2 11.1 16.7





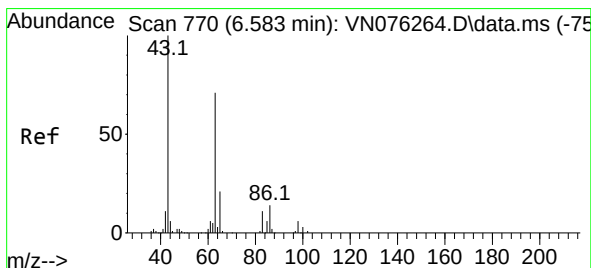
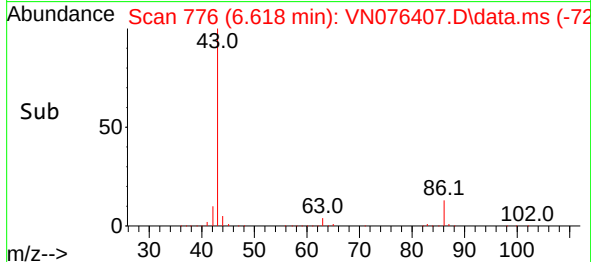
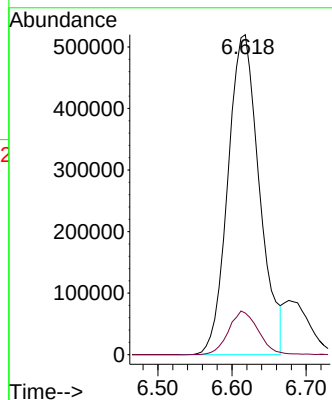
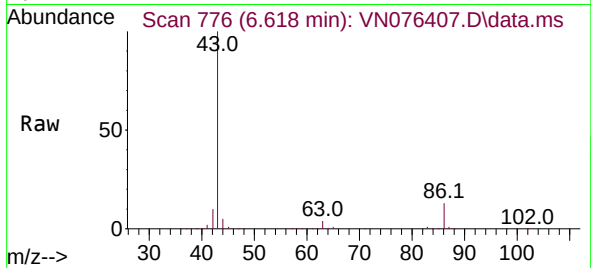
#23
 Vinyl Acetate
 Concen: 285.720 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076407.D
 Acq: 25 Jan 2023 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 43 Resp: 1535930
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8

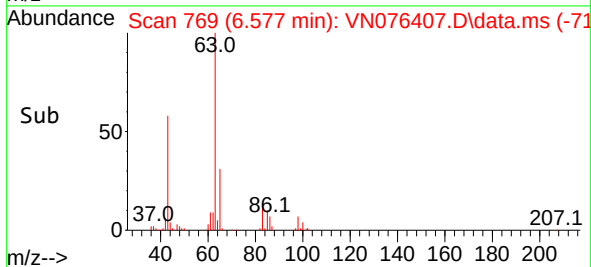
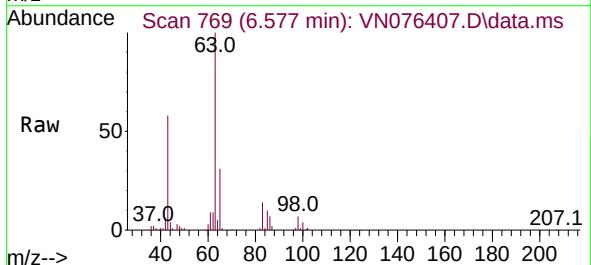
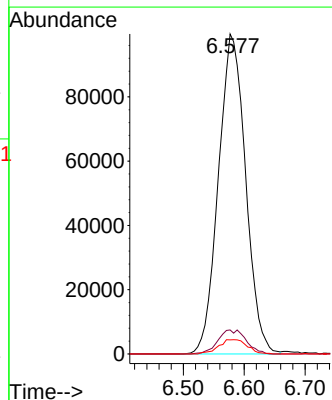
Manual Integrations
 APPROVED

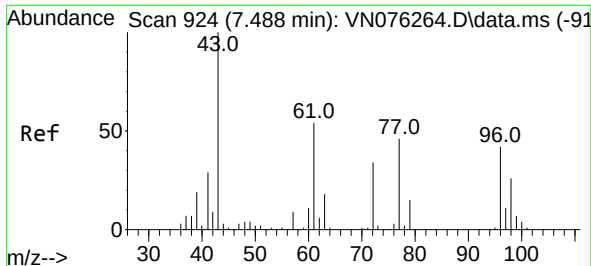
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#24
 1,1-Dichloroethane
 Concen: 55.762 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076407.D
 Acq: 25 Jan 2023 17:22

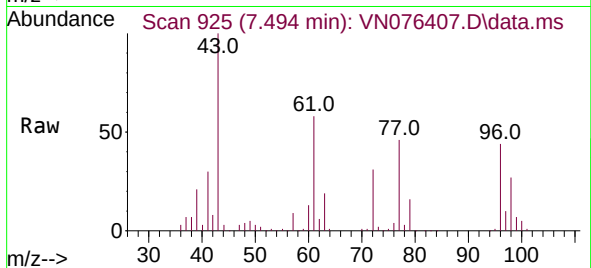
Tgt Ion: 63 Resp: 309164
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 271.434 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

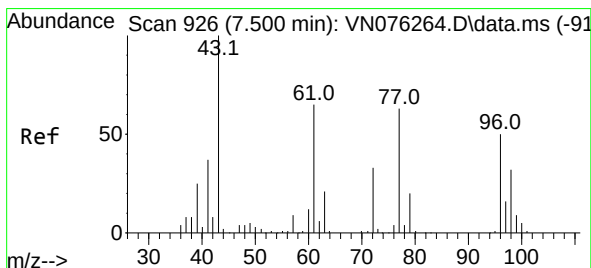
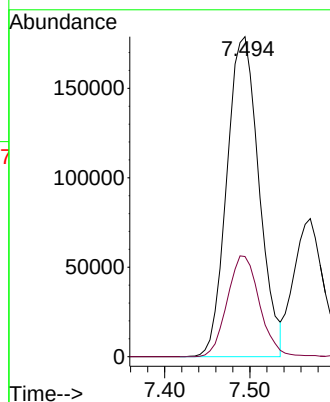
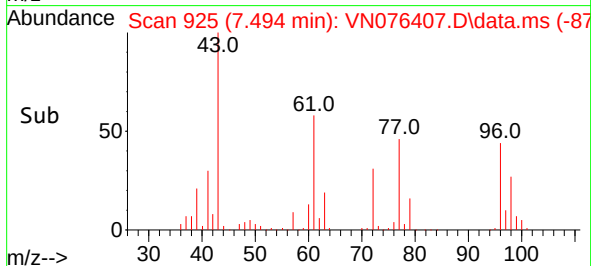
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 43 Resp: 470198
Ion Ratio Lower Upper
43 100
72 31.3 27.4 41.2

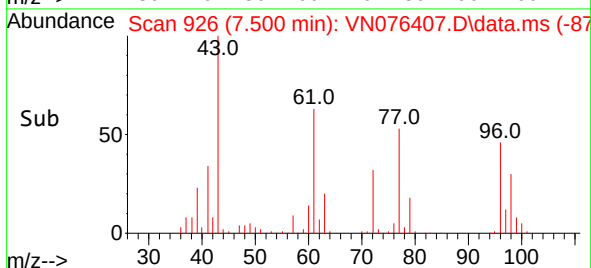
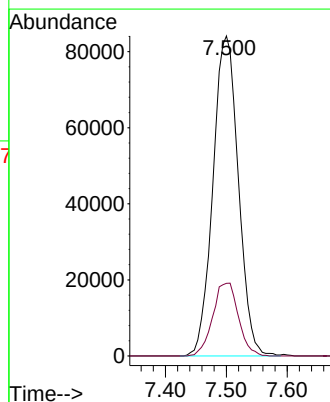
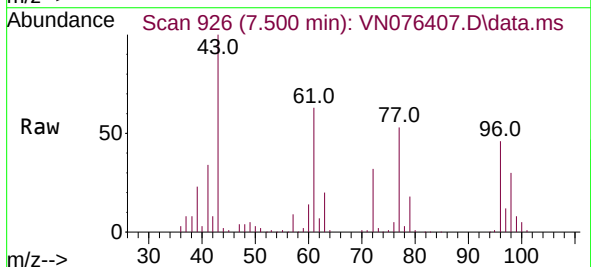
Manual Integrations
APPROVED

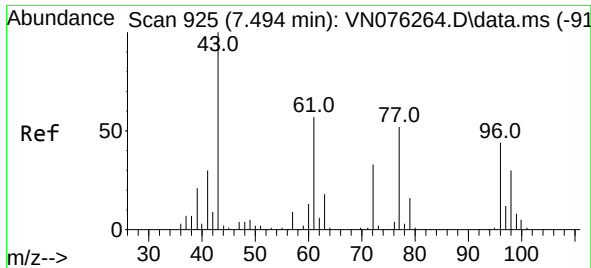
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#26
2,2-Dichloropropane
Concen: 52.215 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

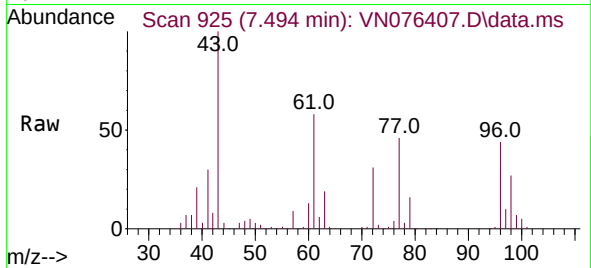
Tgt Ion: 77 Resp: 243998
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 54.520 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

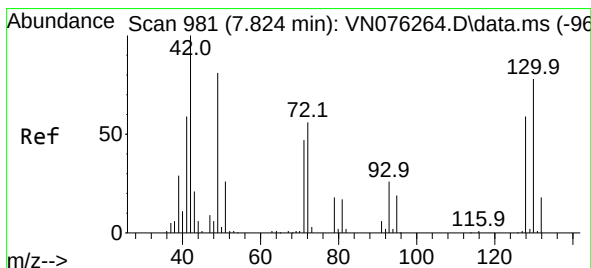
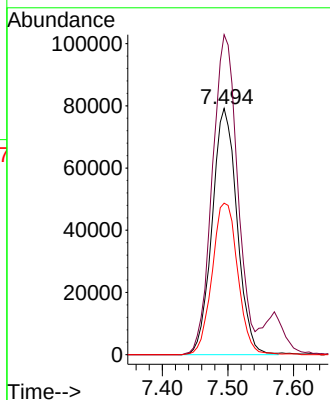
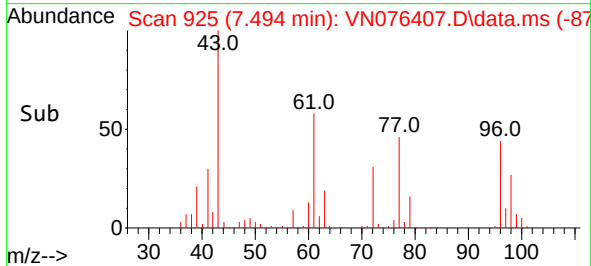
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 96 Resp: 208494
Ion Ratio Lower Upper
96 100
61 131.8 0.0 259.6
98 63.3 0.0 129.4

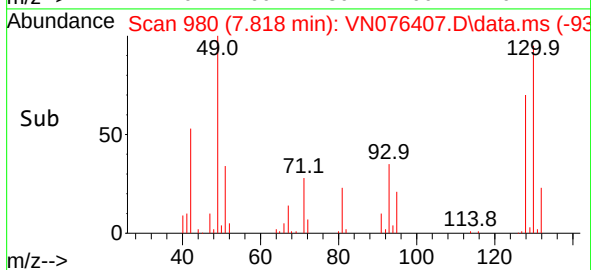
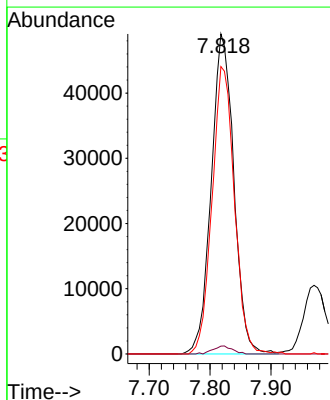
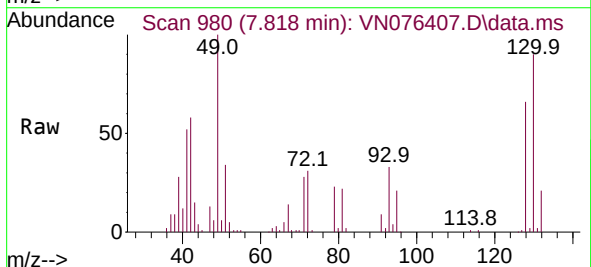
Manual Integrations
APPROVED

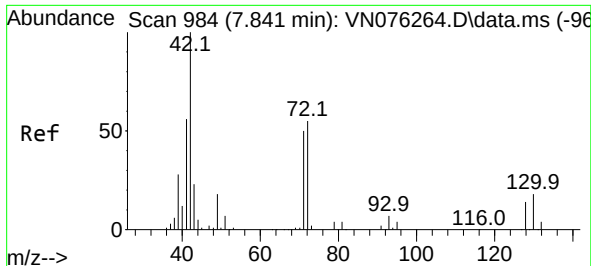
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#28
Bromochloromethane
Concen: 56.242 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

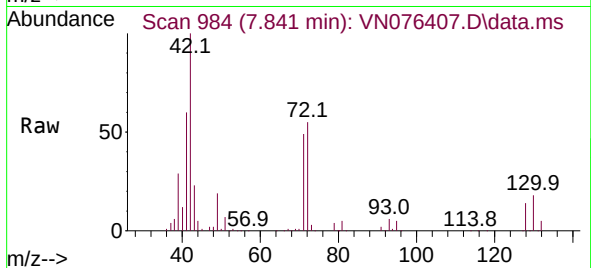
Tgt Ion: 49 Resp: 126390
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.2
130 88.5 76.0 114.0





#29
Tetrahydrofuran
Concen: 287.878 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

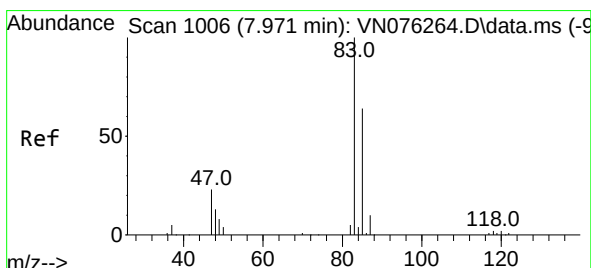
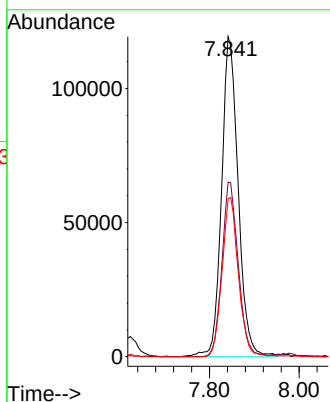
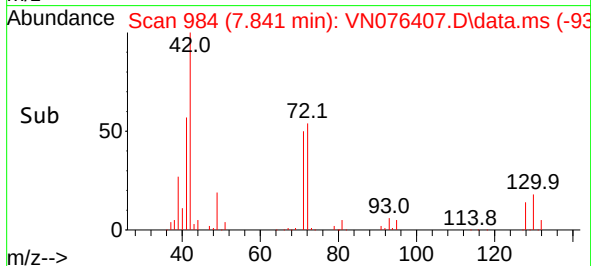
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 42 Resp: 307779
Ion Ratio Lower Upper
42 100
72 53.5 44.0 66.0
71 49.0 41.1 61.7

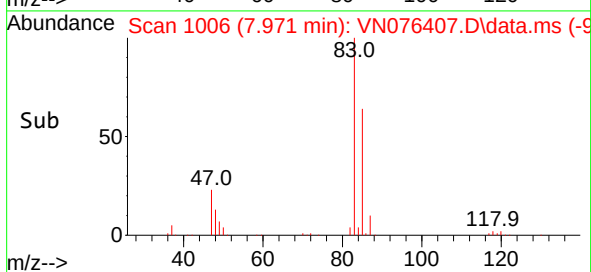
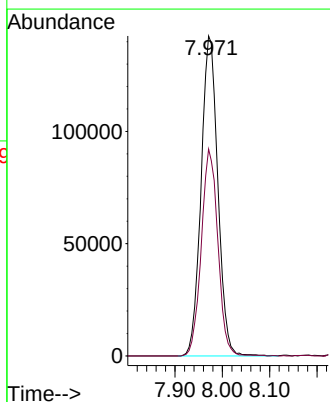
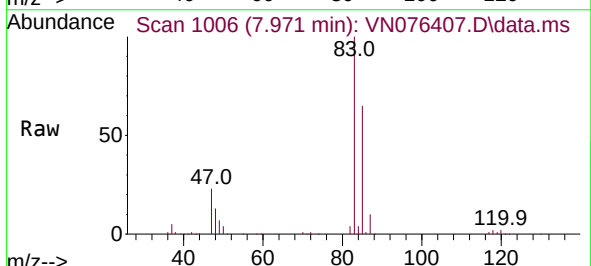
Manual Integrations
APPROVED

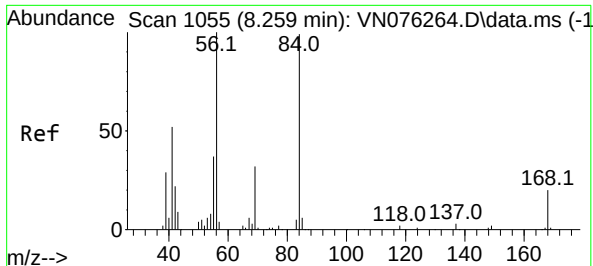
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#30
Chloroform
Concen: 57.097 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

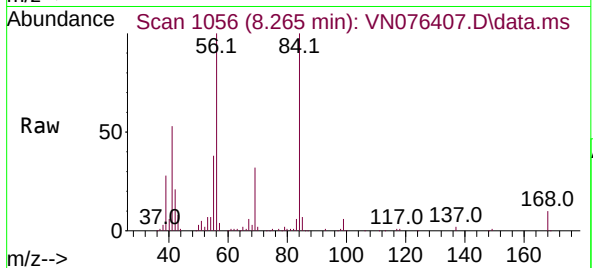
Tgt Ion: 83 Resp: 350278
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6





#31
Cyclohexane
Concen: 49.625 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

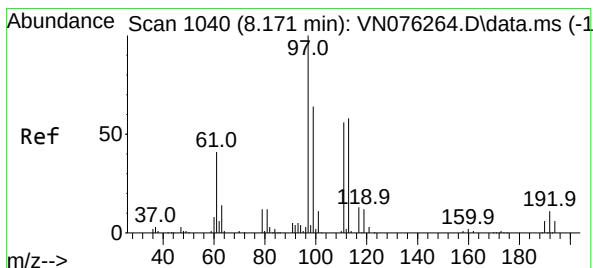
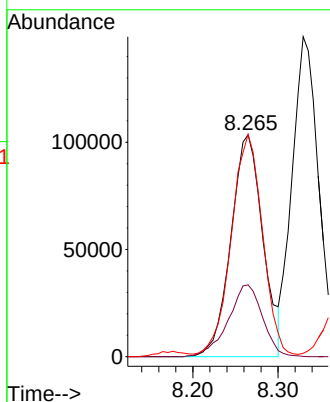
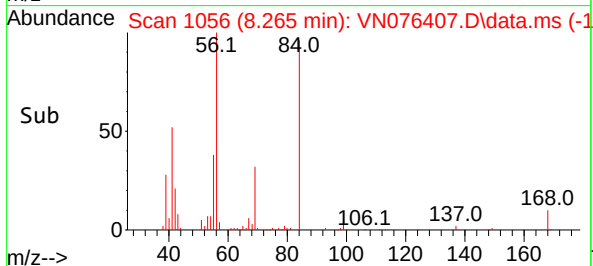
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 56 Resp: 269710
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.8
84 98.3 79.0 118.4

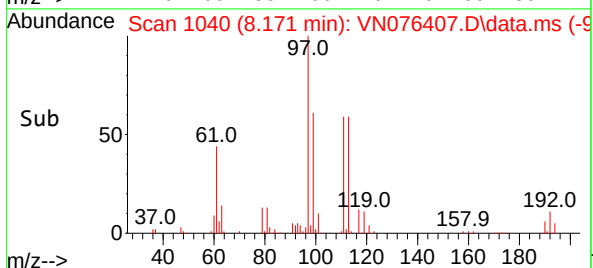
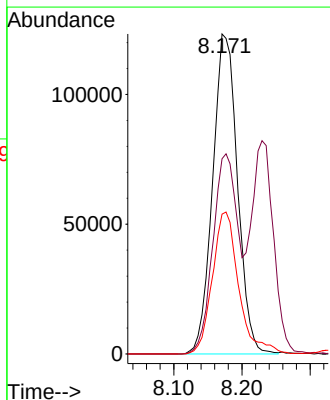
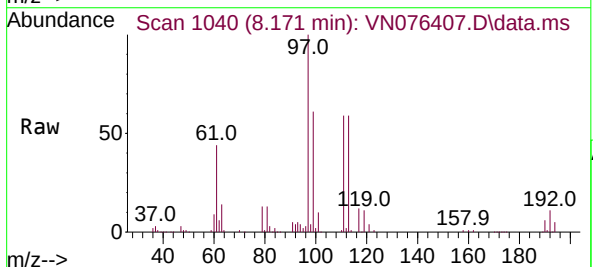
Manual Integrations
APPROVED

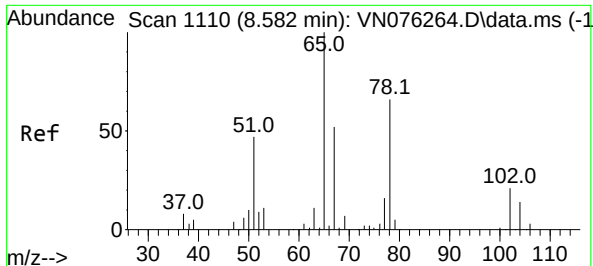
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#32
1,1,1-Trichloroethane
Concen: 55.868 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 97 Resp: 312920
Ion Ratio Lower Upper
97 100
99 62.0 55.0 82.4
61 47.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 56.979 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 65 Resp: 201598

Ion Ratio Lower Upper

65 100

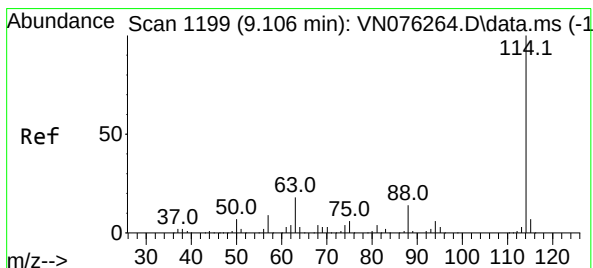
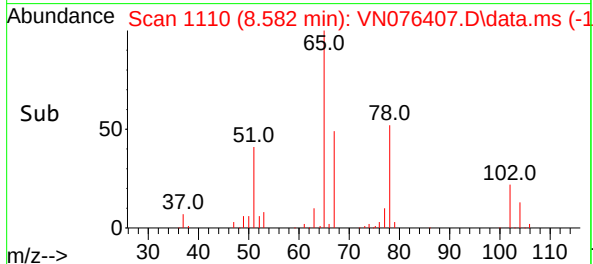
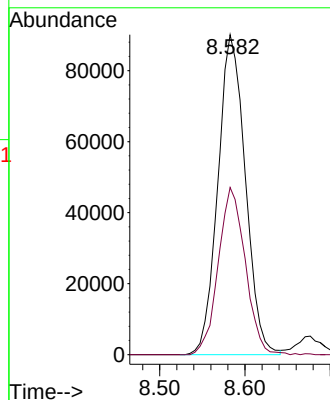
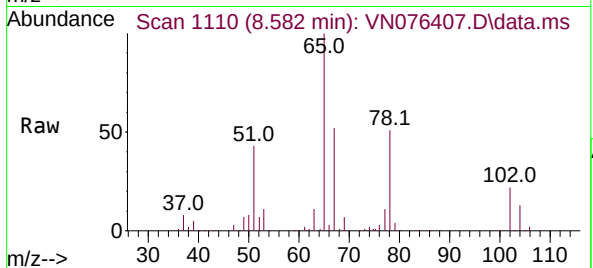
67 51.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

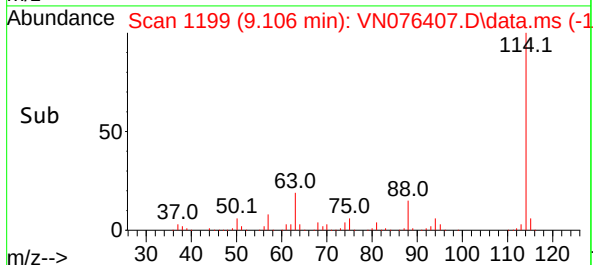
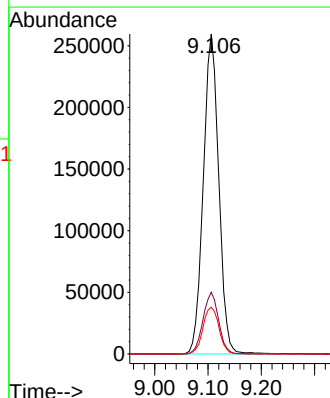
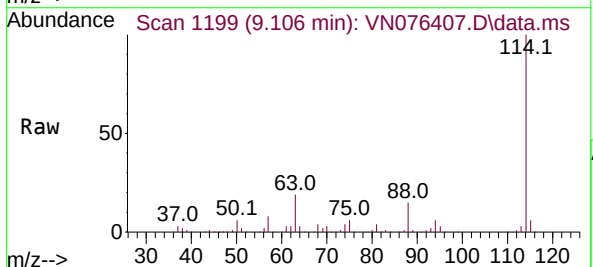
Tgt Ion:114 Resp: 522048

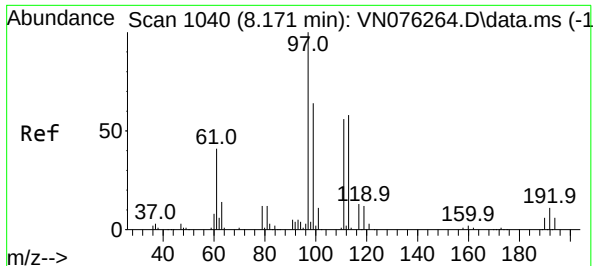
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.8

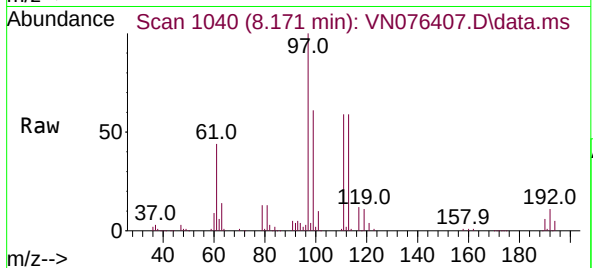
88 14.6 0.0 28.0





#35
Dibromofluoromethane
Concen: 52.933 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

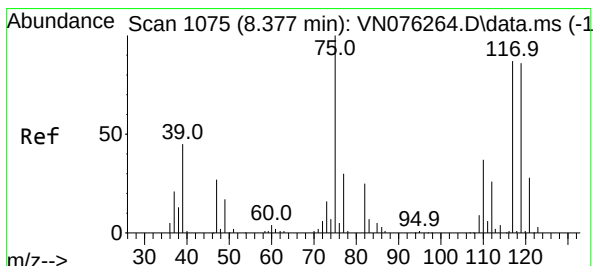
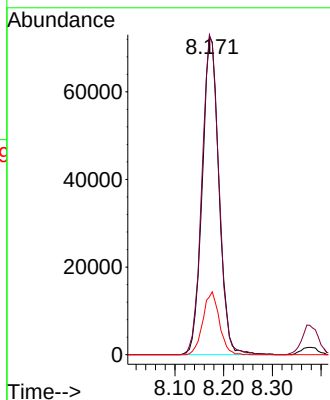
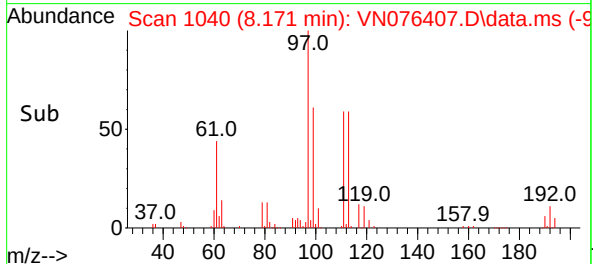
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



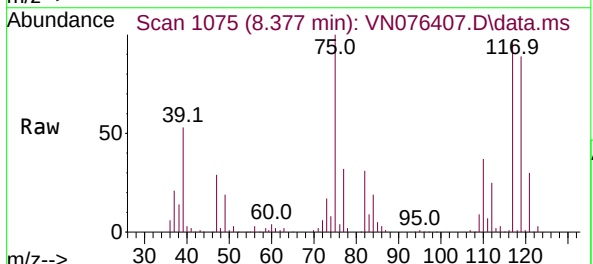
Tgt Ion: 113 Resp: 17286
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 19.4 15.6 23.4

Manual Integrations
APPROVED

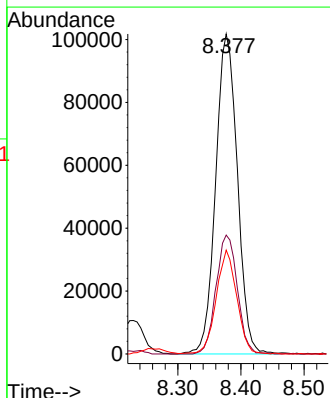
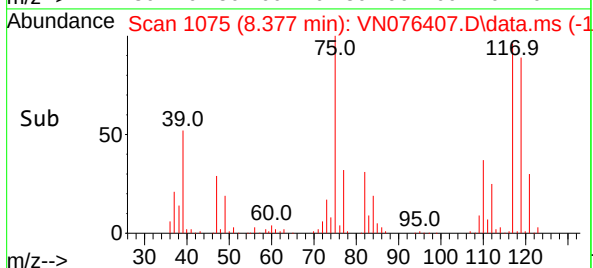
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

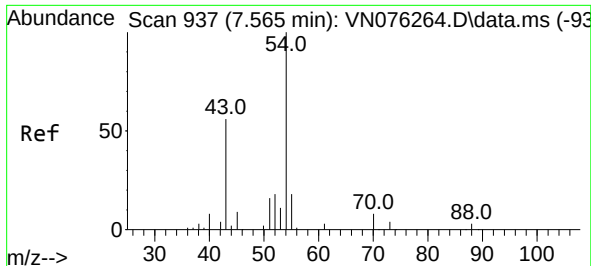


#36
1,1-Dichloropropene
Concen: 52.345 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



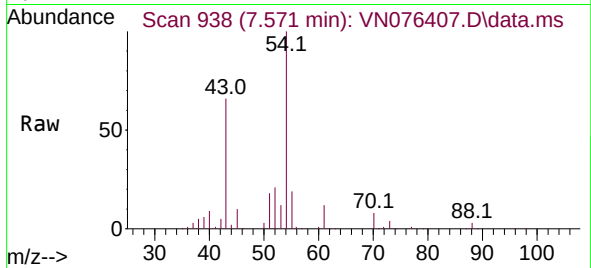
Tgt Ion: 75 Resp: 242902
Ion Ratio Lower Upper
75 100
110 36.4 18.8 56.3
77 30.8 25.0 37.4





#37
Ethyl Acetate
Concen: 51.123 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

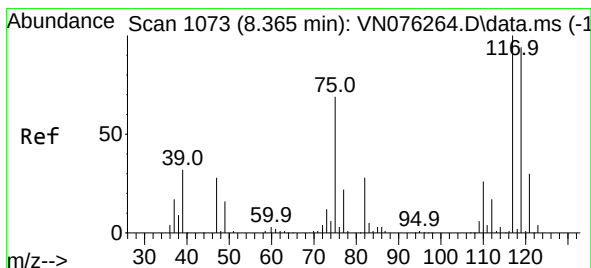
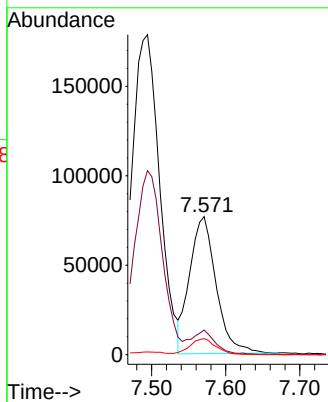
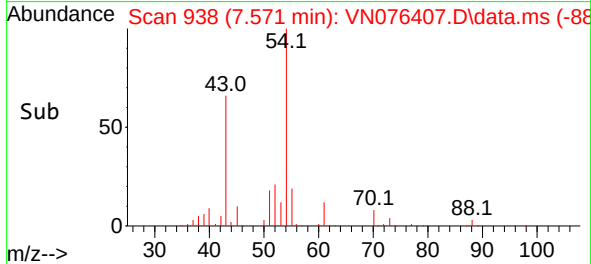
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 43 Resp: 190285
Ion Ratio Lower Upper
43 100
61 15.4 11.1 16.7
70 11.7 10.0 15.0

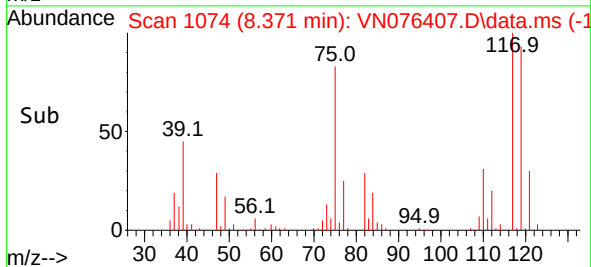
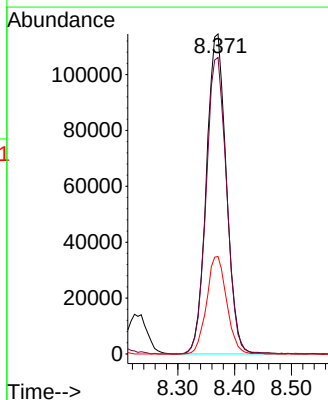
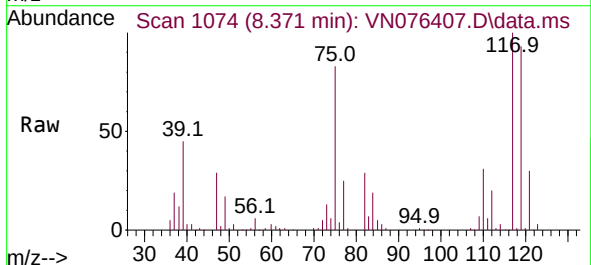
Manual Integrations
APPROVED

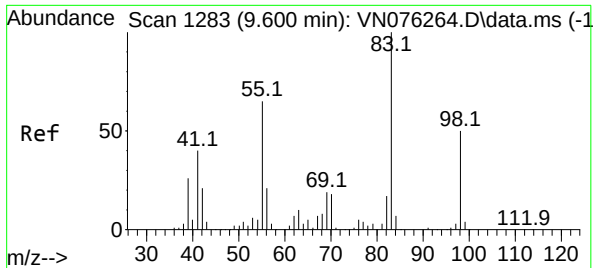
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 53.865 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion:117 Resp: 278737
Ion Ratio Lower Upper
117 100
119 92.7 75.4 113.0
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 52.760 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076407.D

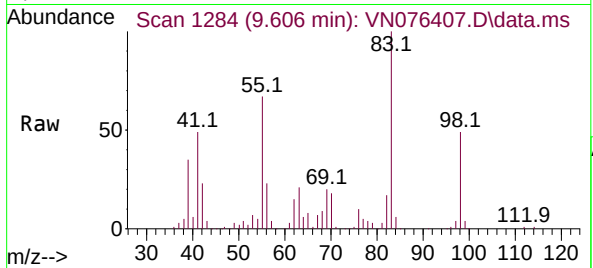
Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD



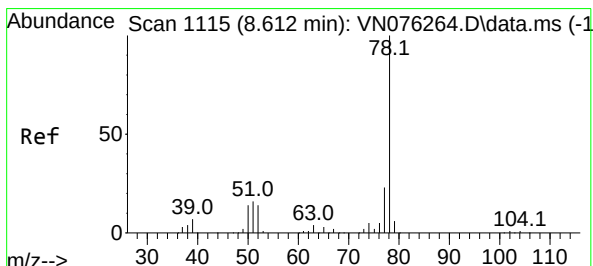
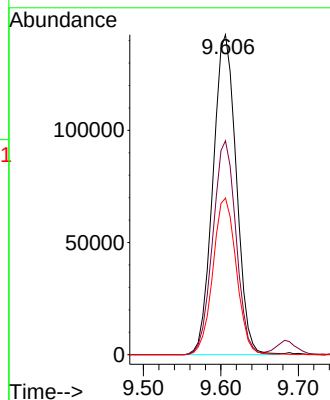
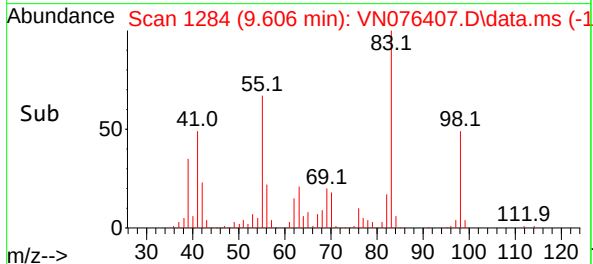
Tgt Ion:	83	Resp:	298970
Ion Ratio	Lower	Upper	
83	100		
55	66.9	51.7	77.5
98	49.0	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#40

Benzene

Concen: 52.753 ug/l

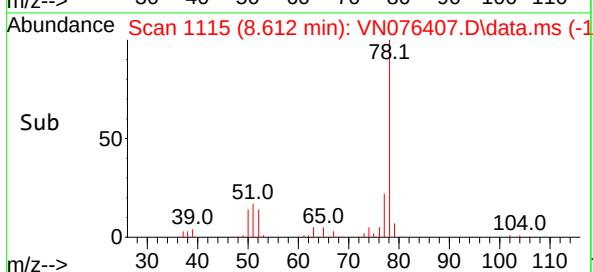
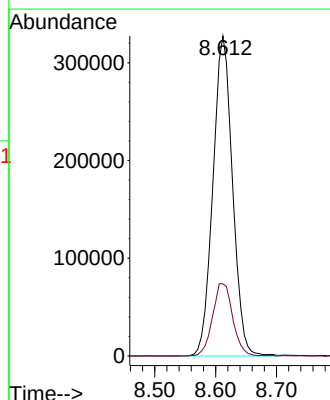
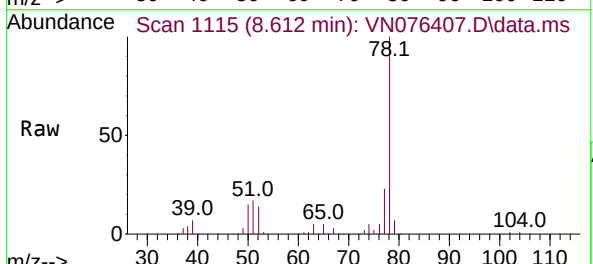
RT: 8.612 min Scan# 1115

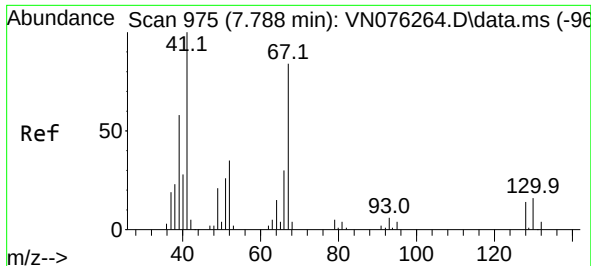
Delta R.T. -0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

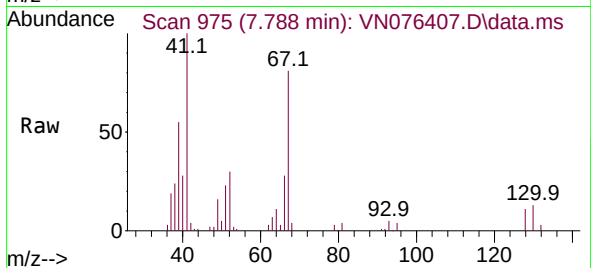
Tgt Ion:	78	Resp:	731979
Ion Ratio	Lower	Upper	
78	100		
77	22.6	18.6	28.0





#41
Methacrylonitrile
Concen: 56.461 ug/l
RT: 7.788 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

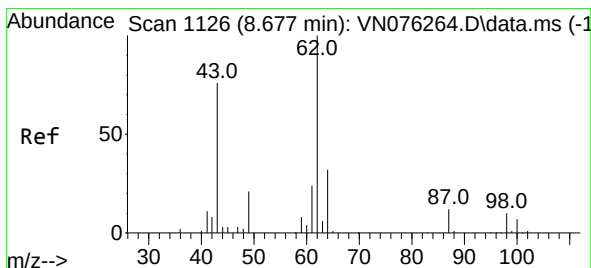
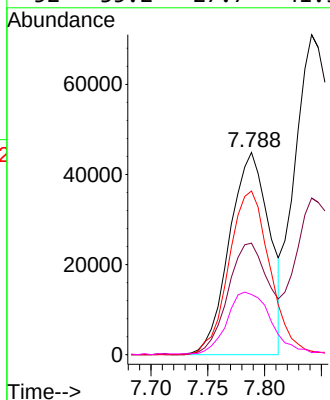
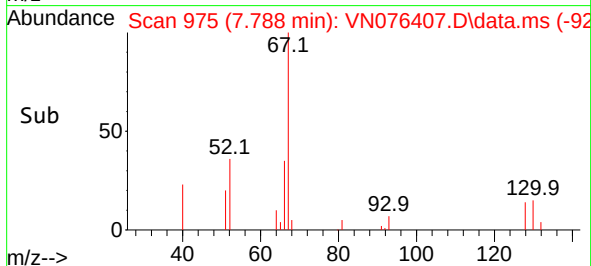
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 41 Resp: 110032
Ion Ratio Lower Upper
41 100
39 57.1 42.4 63.6
67 84.2 68.8 103.2
52 35.2 27.7 41.5

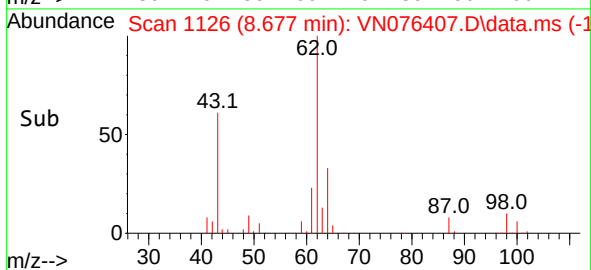
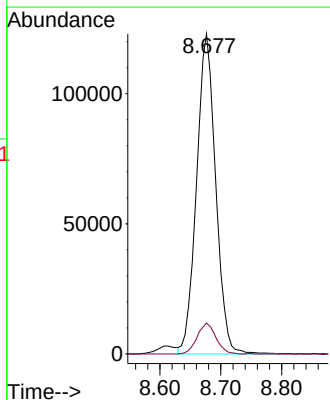
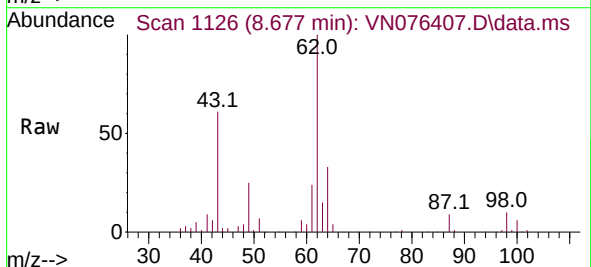
Manual Integrations
APPROVED

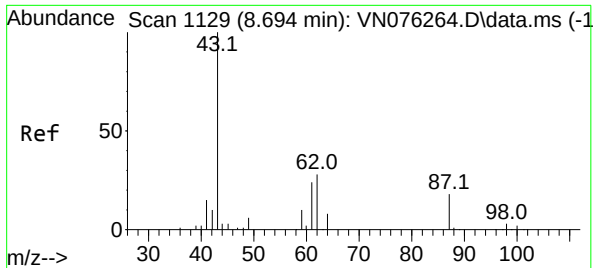
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#42
1,2-Dichloroethane
Concen: 56.614 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 62 Resp: 268772
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 54.740 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 43 Resp: 331450

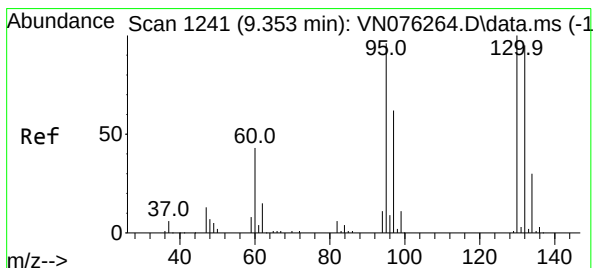
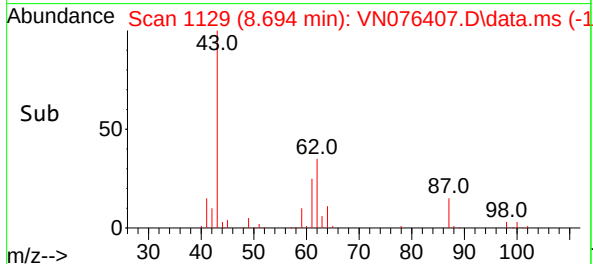
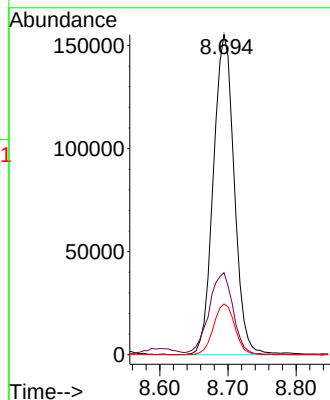
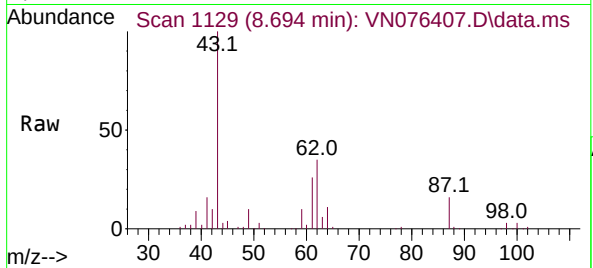
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.5	35.3
87	16.1	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#44

Trichloroethene

Concen: 49.183 ug/l

RT: 9.353 min Scan# 1241

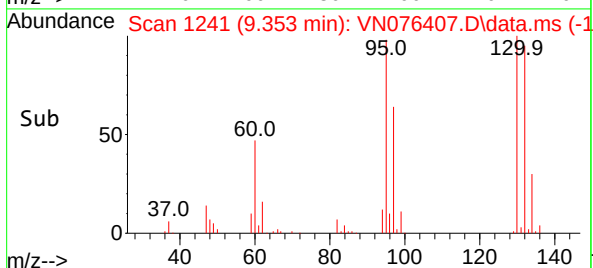
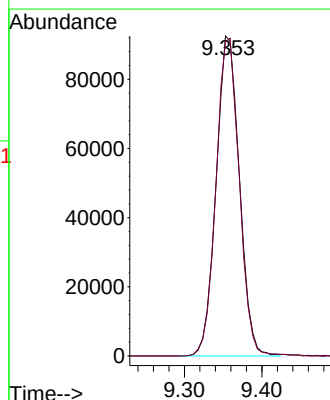
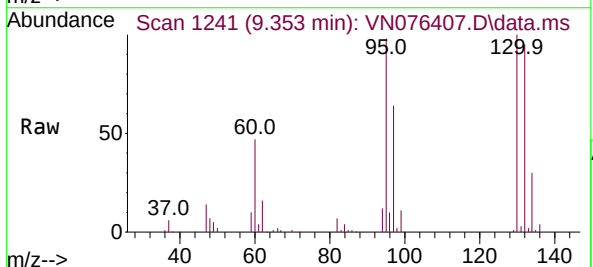
Delta R.T. -0.000 min

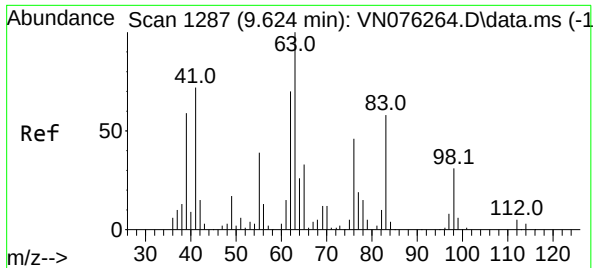
Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Tgt Ion:130 Resp: 193017

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	192.0





#45

1,2-Dichloropropane

Concen: 53.800 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 63 Resp: 178728

Ion Ratio Lower Upper

63 100

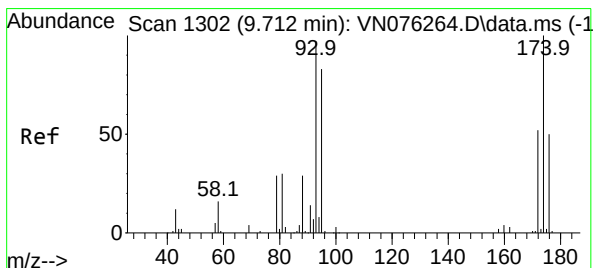
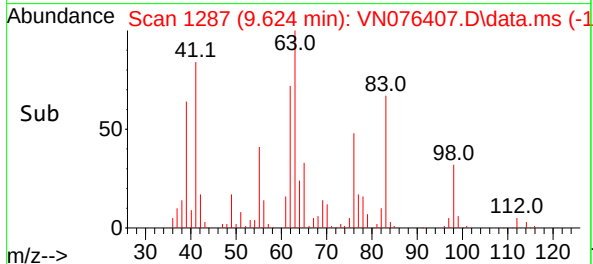
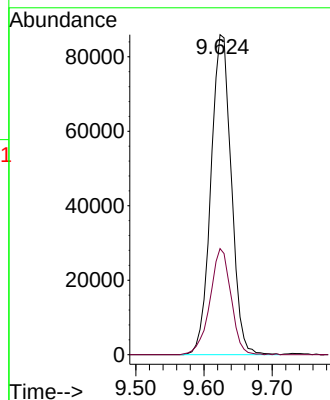
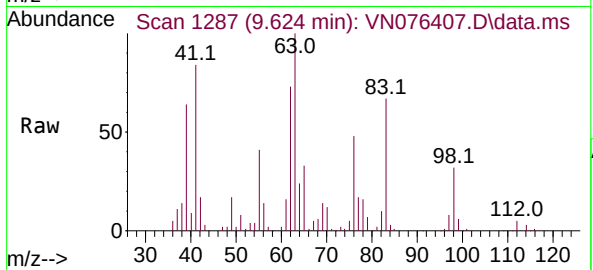
65 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#46

Dibromomethane

Concen: 53.343 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

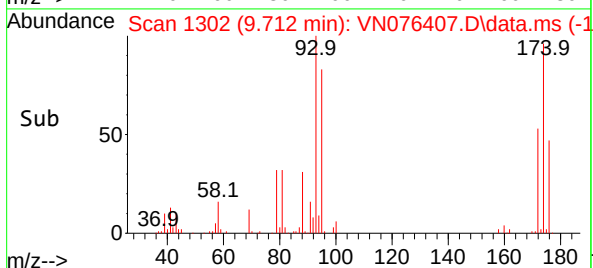
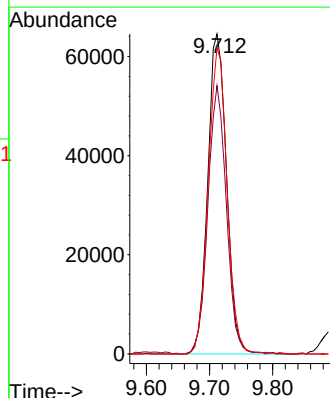
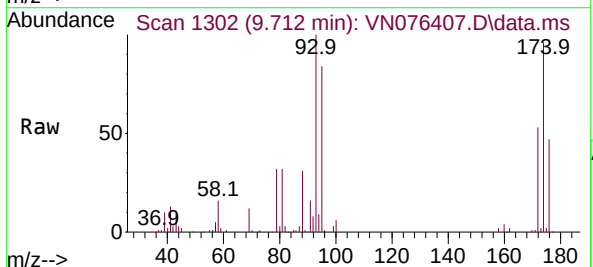
Tgt Ion: 93 Resp: 133795

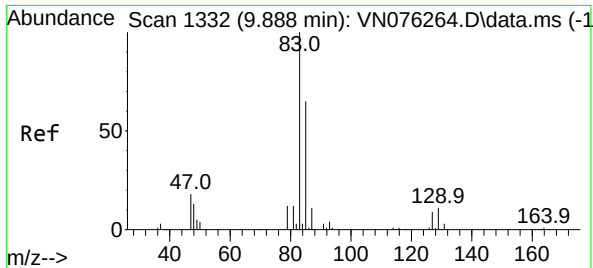
Ion Ratio Lower Upper

93 100

95 82.4 66.0 99.0

174 95.9 81.3 121.9





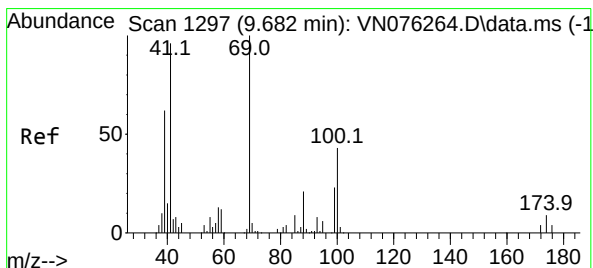
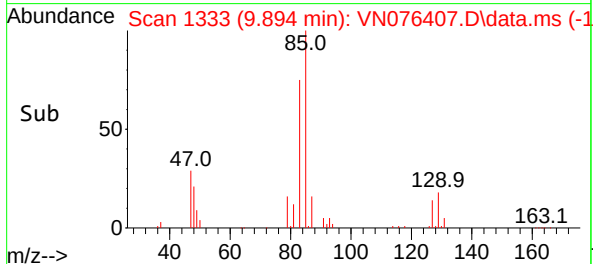
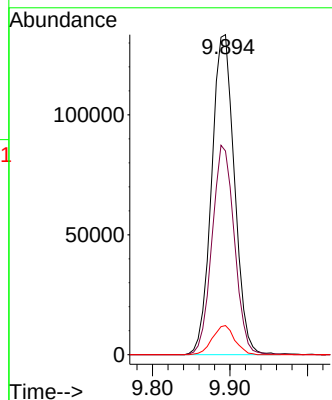
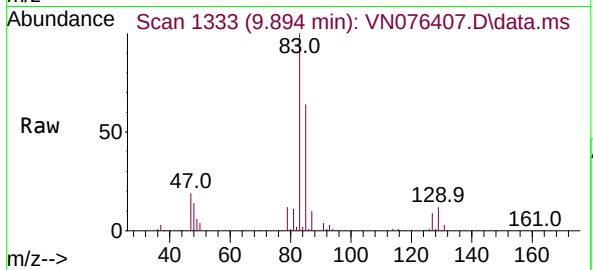
#47
Bromodichloromethane
Concen: 56.163 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 83 Resp: 27321
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1
127 9.1 7.4 11.0

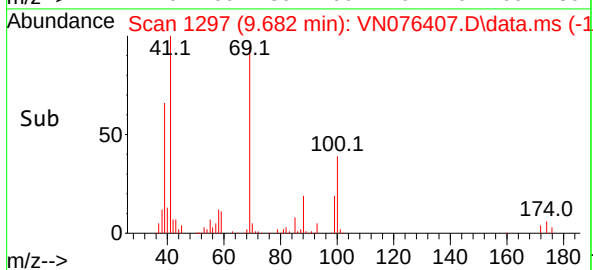
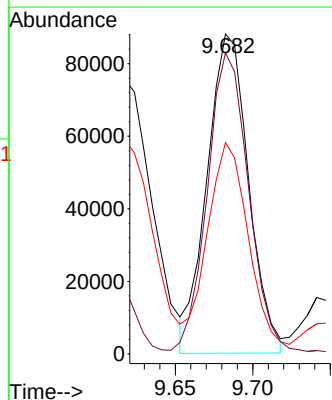
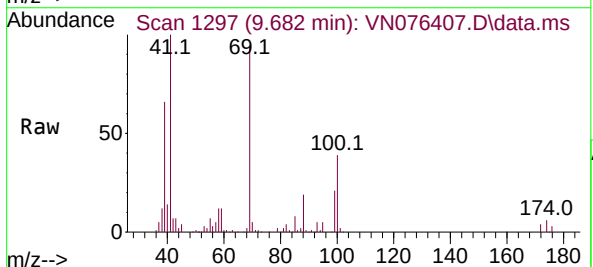
Manual Integrations
APPROVED

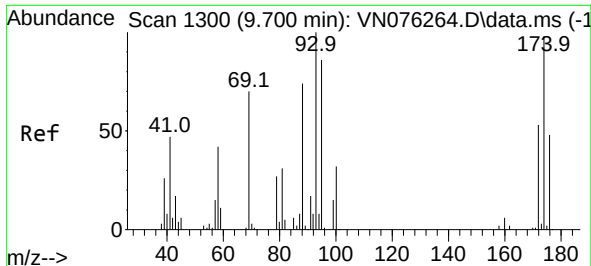
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#48
Methyl methacrylate
Concen: 57.193 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 41 Resp: 163944
Ion Ratio Lower Upper
41 100
69 95.2 80.8 121.2
39 67.2 54.4 81.6





#49

1,4-Dioxane

Concen: 1097.176 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 88 Resp: 6636

Ion Ratio Lower Upper

88 100

43 27.1 18.1 27.1

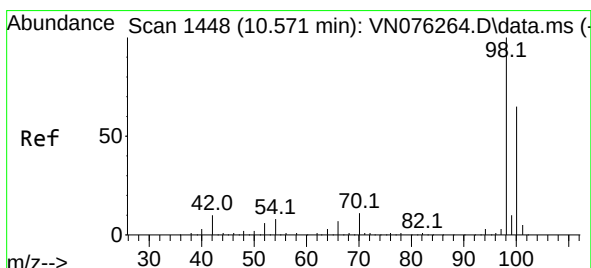
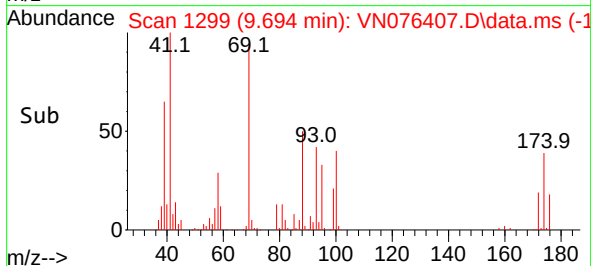
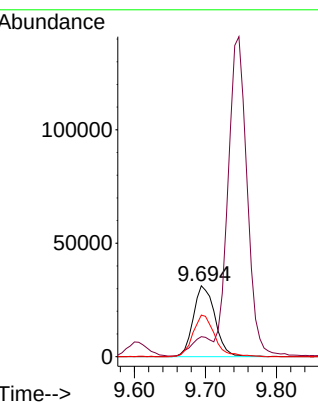
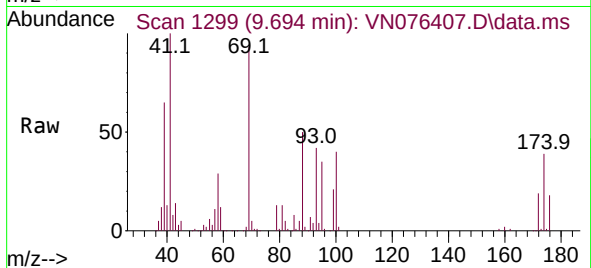
58 59.3 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 52.446 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076407.D

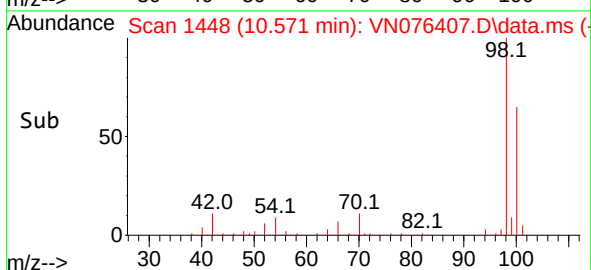
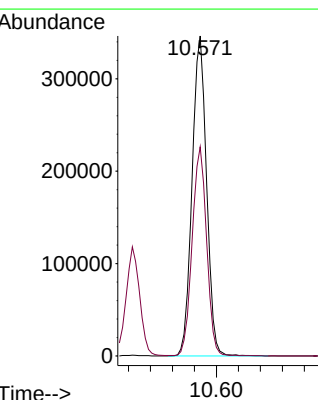
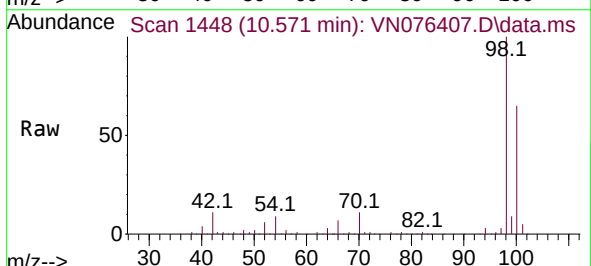
Acq: 25 Jan 2023 17:22

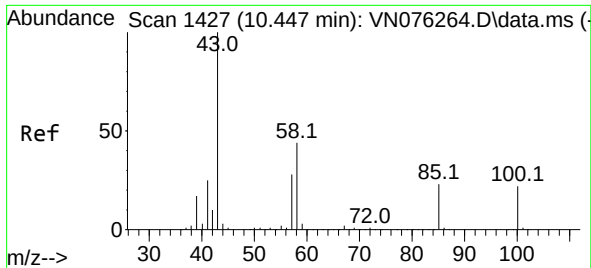
Tgt Ion: 98 Resp: 632521

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





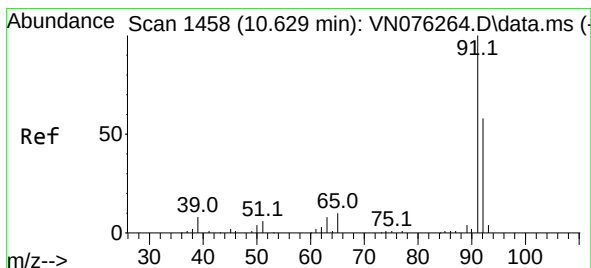
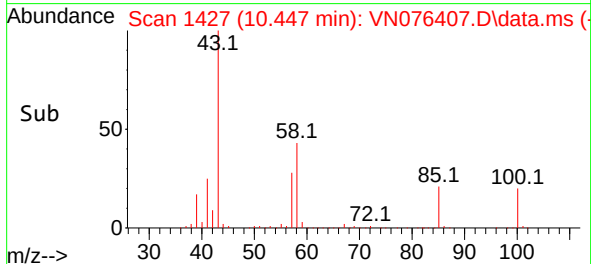
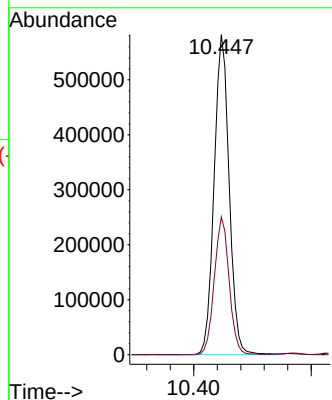
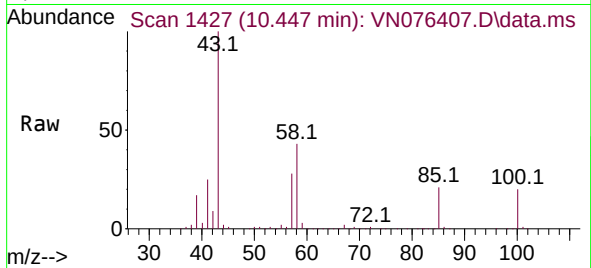
#51
4-Methyl-2-Pentanone
Concen: 290.289 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 43 Resp: 103183
Ion Ratio Lower Upper
43 100
58 42.5 35.1 52.7

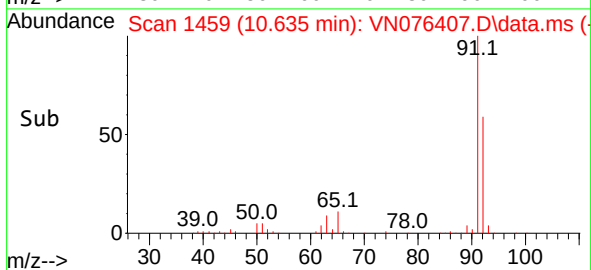
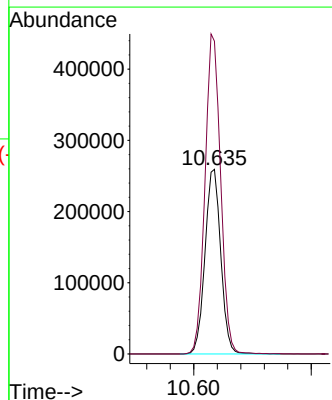
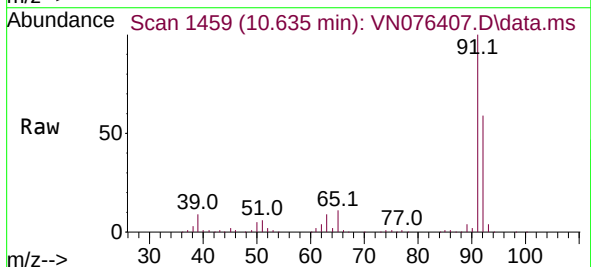
Manual Integrations
APPROVED

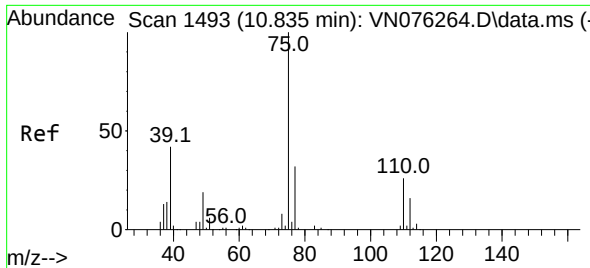
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#52
Toluene
Concen: 52.153 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 92 Resp: 483933
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





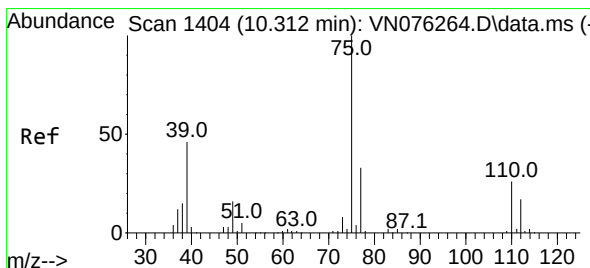
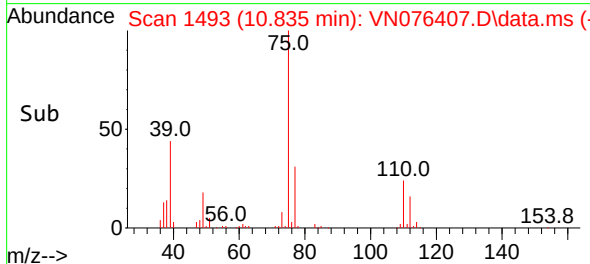
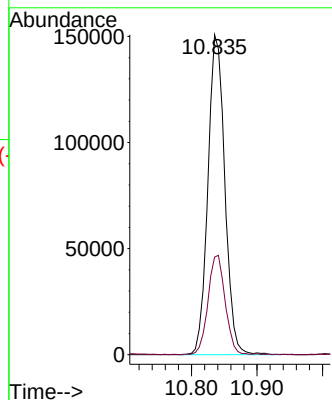
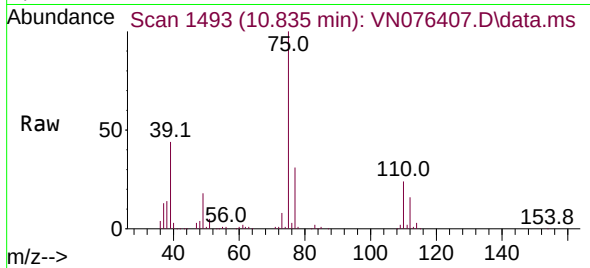
#53
 t-1,3-Dichloropropene
 Concen: 58.301 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076407.D
 Acq: 25 Jan 2023 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 75 Resp: 270368
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6

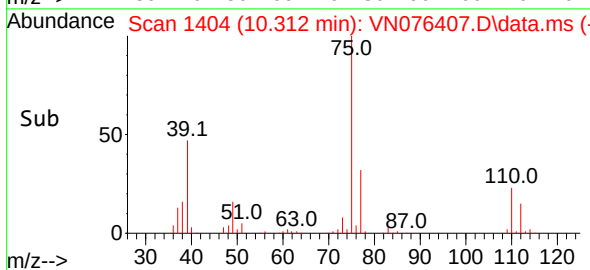
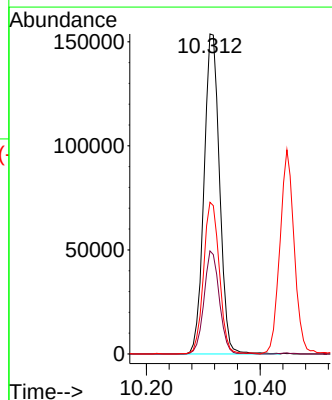
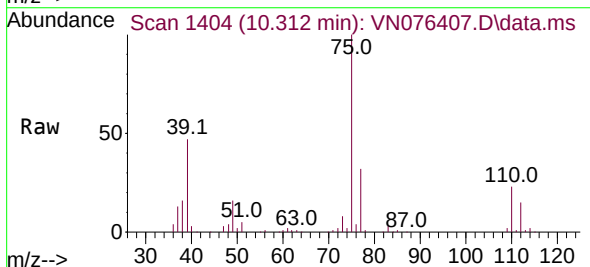
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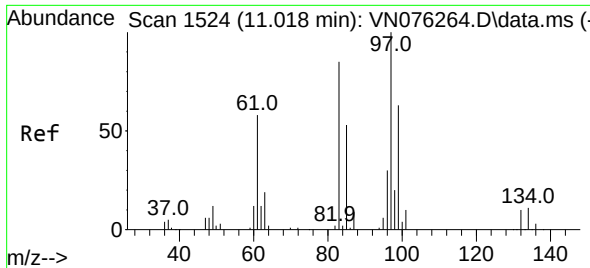
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.645 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076407.D
 Acq: 25 Jan 2023 17:22

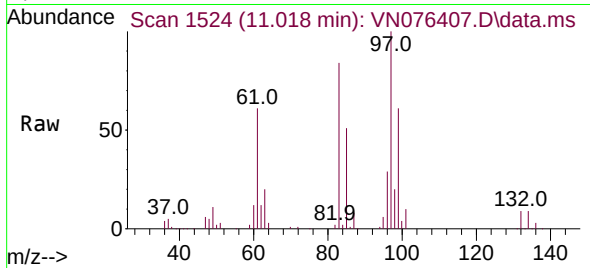
Tgt Ion: 75 Resp: 291546
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.5 39.7
 39 47.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 54.436 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

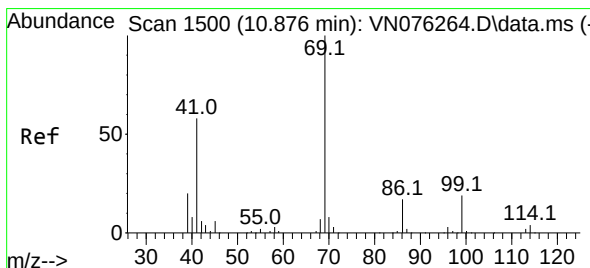
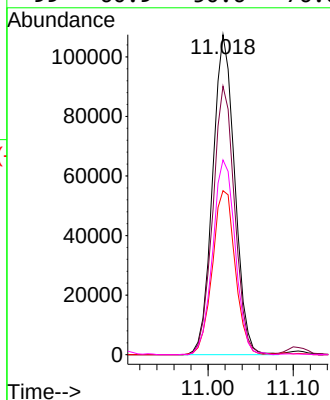
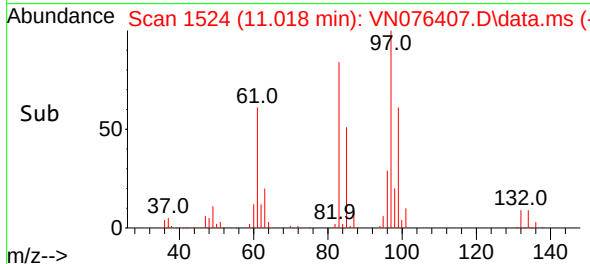
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 97 Resp: 193074
Ion Ratio Lower Upper
97 100
83 83.9 67.8 101.6
85 51.2 42.3 63.5
99 60.9 50.6 76.0

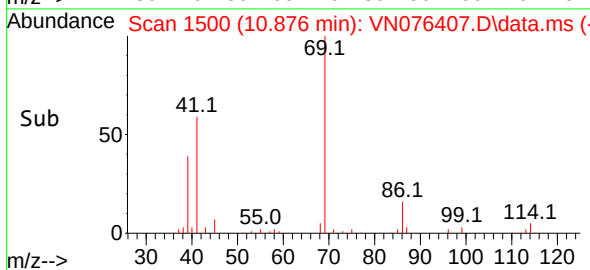
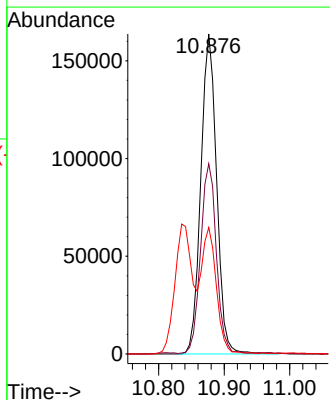
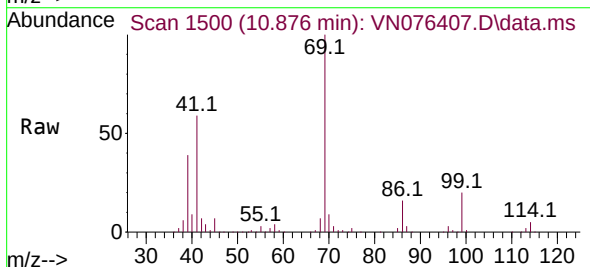
Manual Integrations
APPROVED

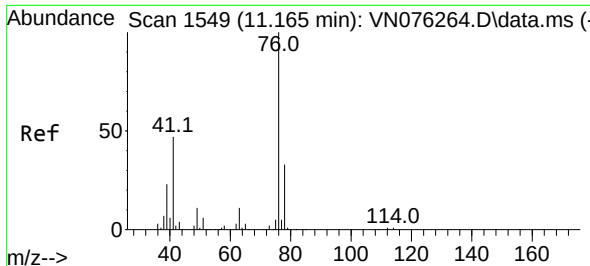
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#56
Ethyl methacrylate
Concen: 60.074 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion: 69 Resp: 275075
Ion Ratio Lower Upper
69 100
41 59.1 45.3 67.9
39 36.4 29.3 43.9





#57

1,3-Dichloropropane

Concen: 55.385 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 76 Resp: 319228

Ion Ratio Lower Upper

76 100

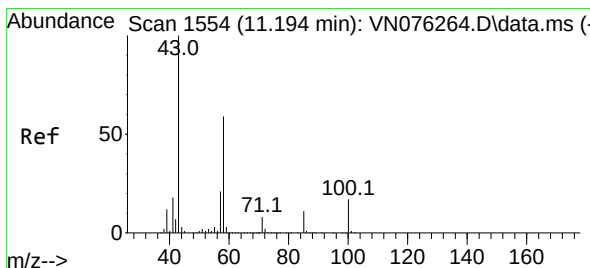
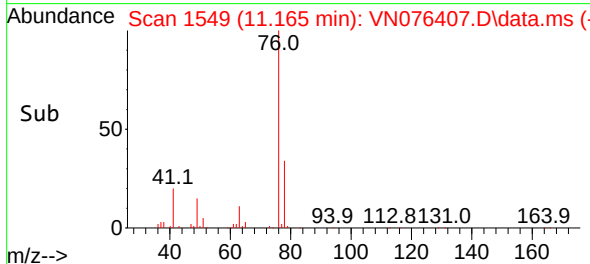
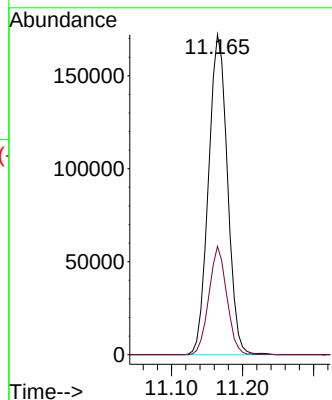
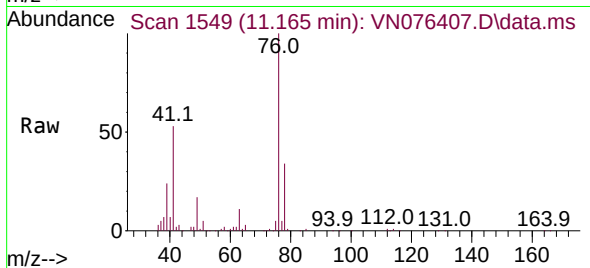
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#59

2-Hexanone

Concen: 286.169 ug/l

RT: 11.194 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN076407.D

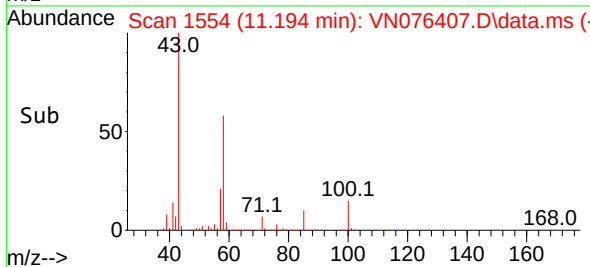
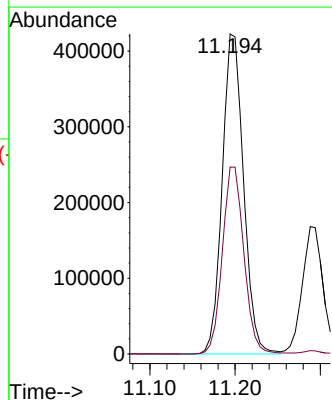
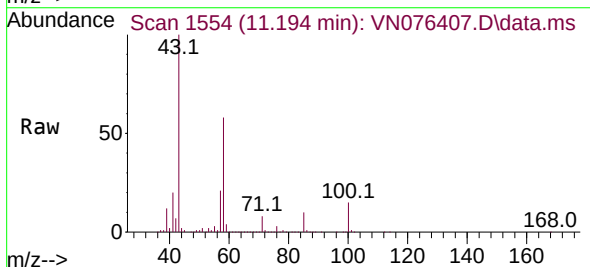
Acq: 25 Jan 2023 17:22

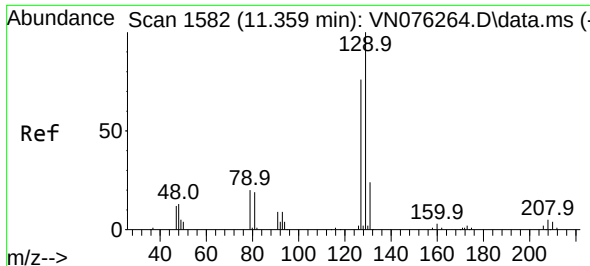
Tgt Ion: 43 Resp: 737110

Ion Ratio Lower Upper

43 100

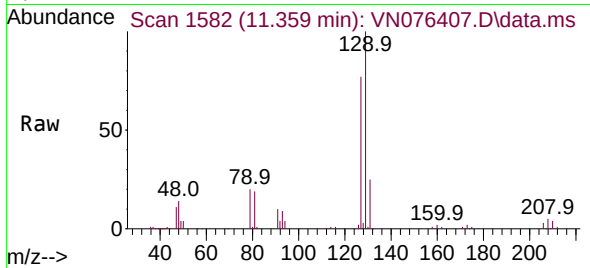
58 59.1 30.1 90.3





#60
Dibromochloromethane
Concen: 58.060 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

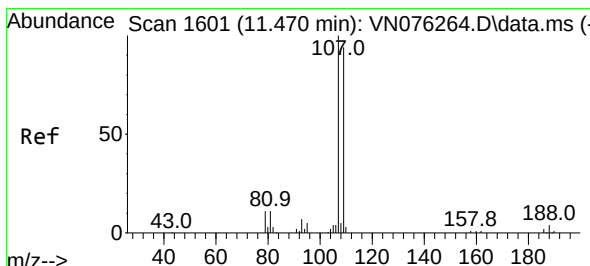
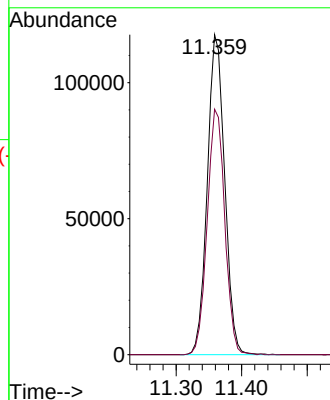
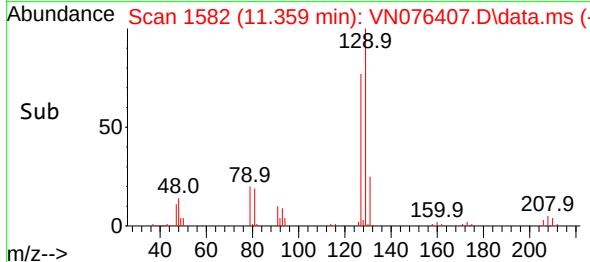
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



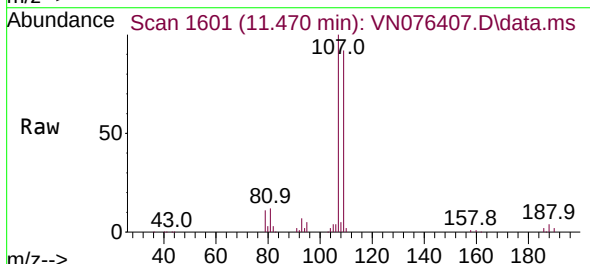
Tgt Ion:129 Resp: 216774
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

Manual Integrations
APPROVED

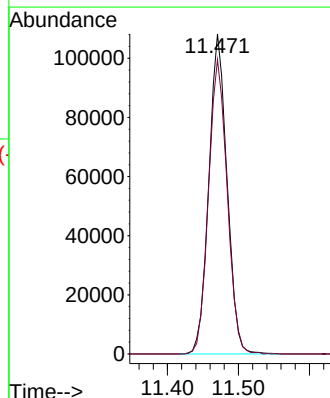
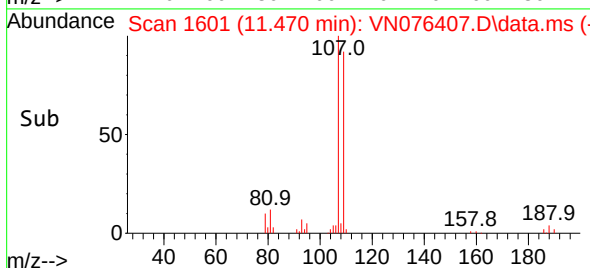
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

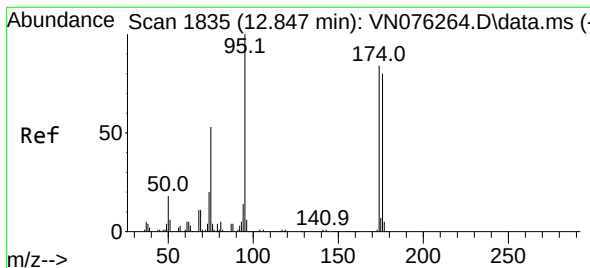


#61
1,2-Dibromoethane
Concen: 54.445 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



Tgt Ion:107 Resp: 192750
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0





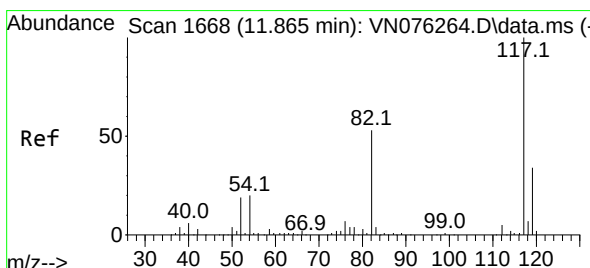
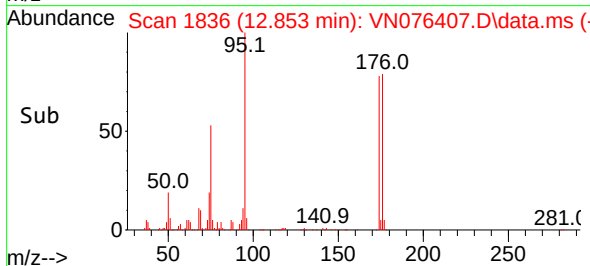
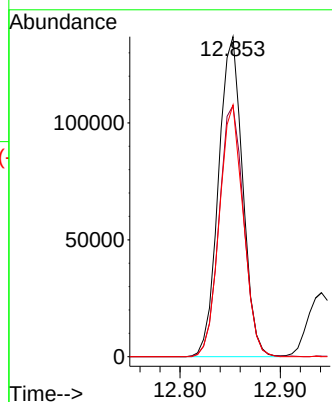
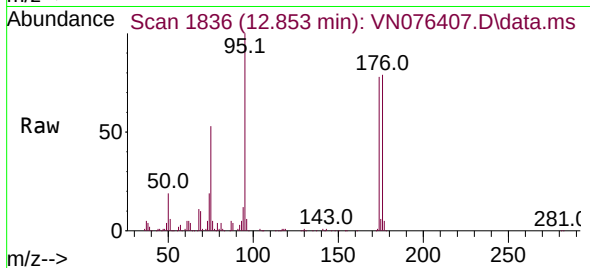
#62
4-Bromofluorobenzene
Concen: 58.163 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD

Tgt Ion: 95 Resp: 228995
Ion Ratio Lower Upper
95 100
174 80.0 0.0 174.6
176 78.1 0.0 167.8

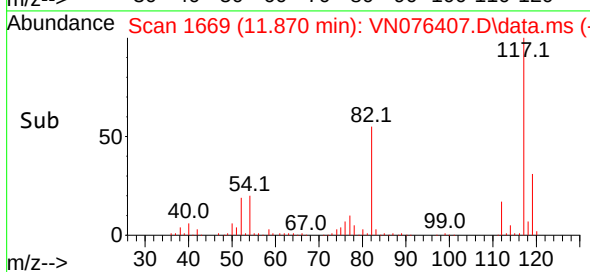
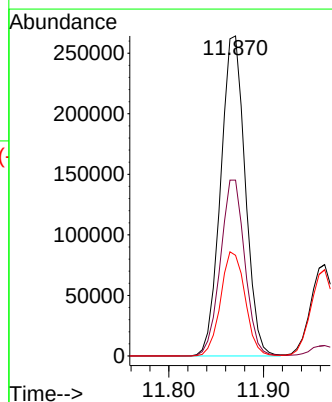
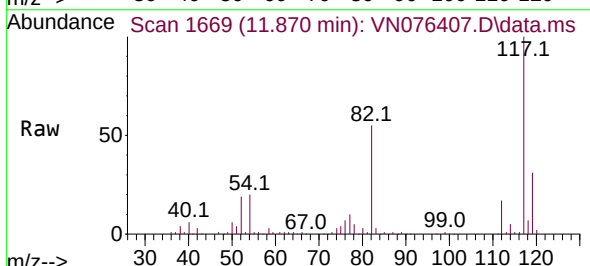
Manual Integrations
APPROVED

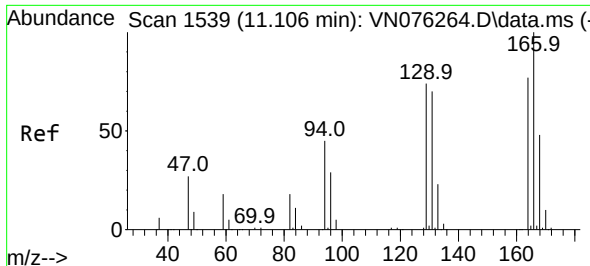
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

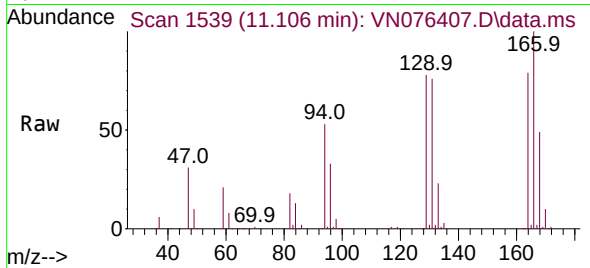
Tgt Ion:117 Resp: 476151
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.2
119 31.4 26.9 40.3





#64
Tetrachloroethene
Concen: 42.806 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

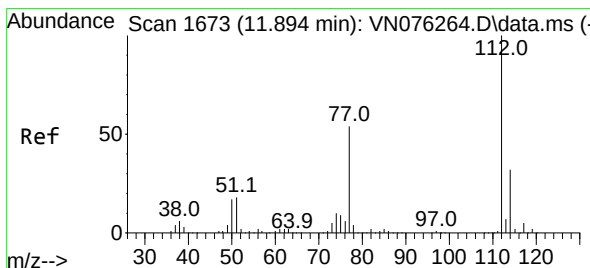
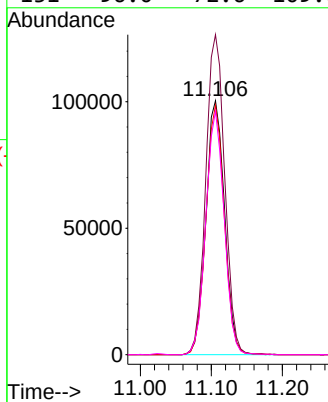
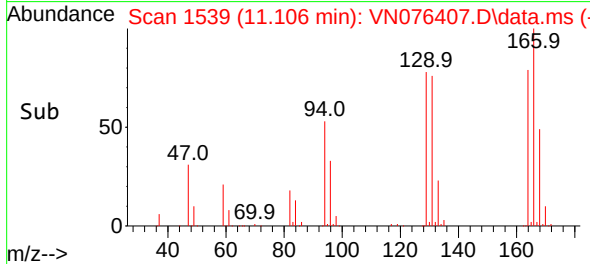
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion:164 Resp: 183809
Ion Ratio Lower Upper
164 100
166 126.1 104.0 156.0
129 98.3 76.6 114.8
131 96.0 72.6 109.0

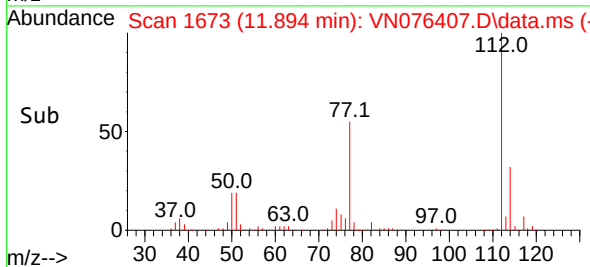
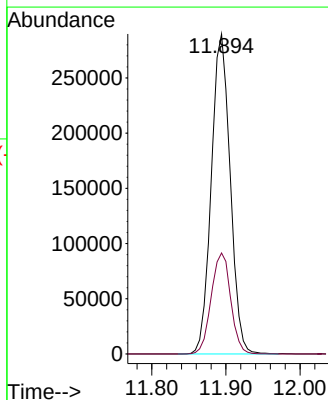
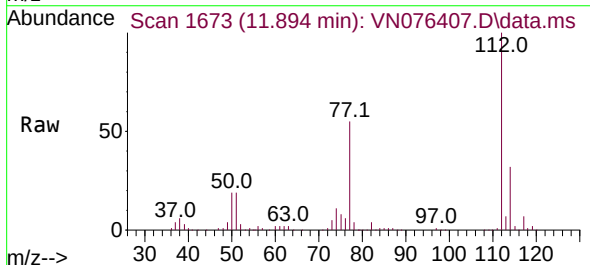
Manual Integrations
APPROVED

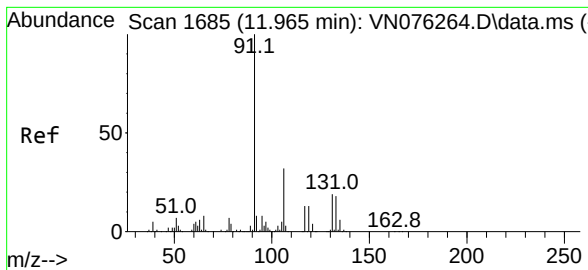
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#65
Chlorobenzene
Concen: 50.884 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

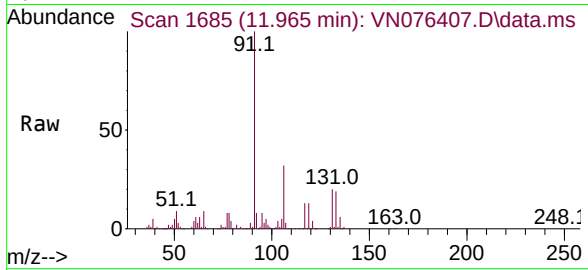
Tgt Ion:112 Resp: 512159
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9





#66
1,1,1,2-Tetrachloroethane
Concen: 53.493 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

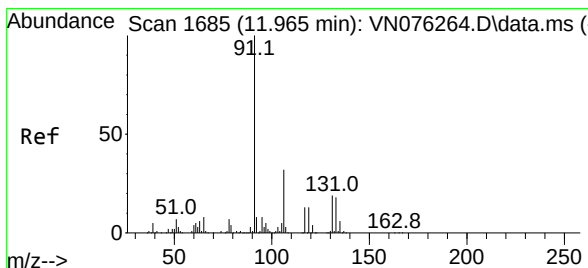
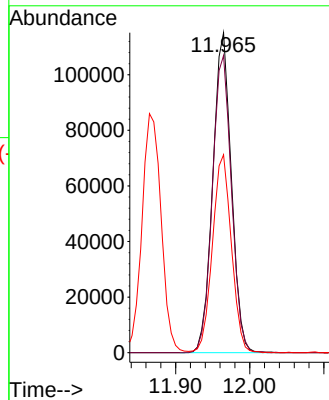
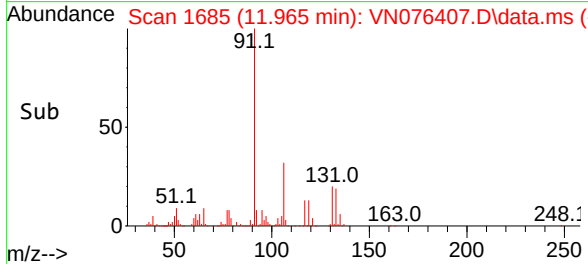
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-GW-338-340MSD



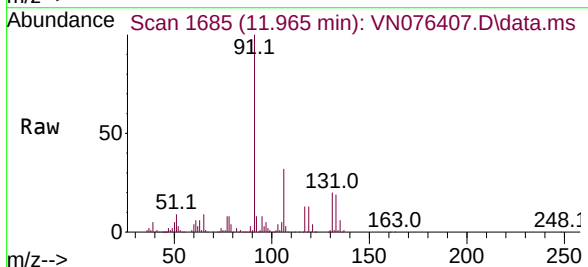
Tgt Ion:131 Resp: 200329
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 63.1 32.3 96.8

Manual Integrations
APPROVED

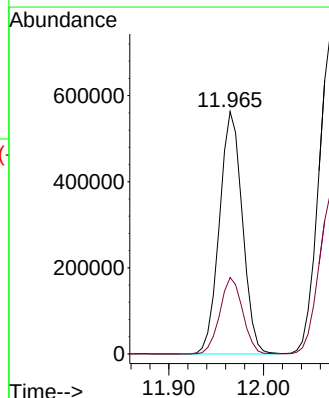
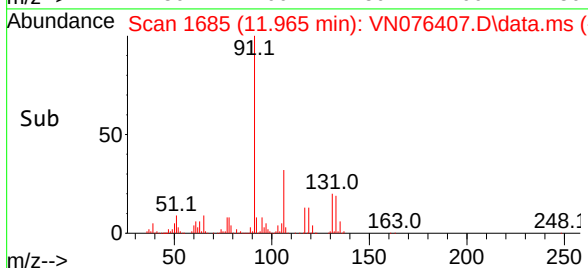
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

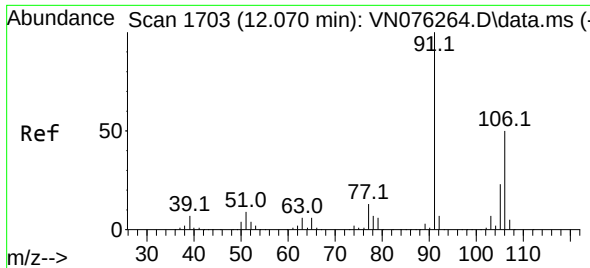


#67
Ethyl Benzene
Concen: 55.087 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



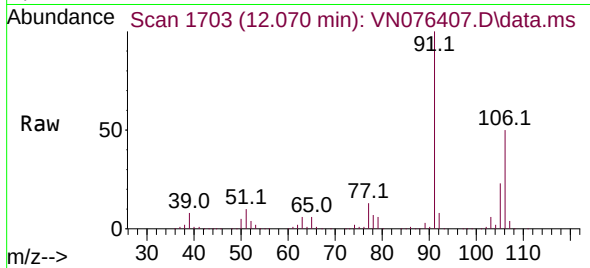
Tgt Ion: 91 Resp: 948943
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3





#68
m/p-Xylenes
Concen: 106.984 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

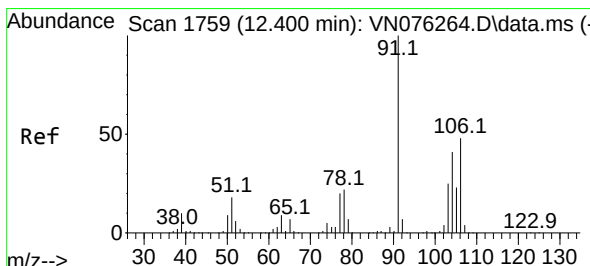
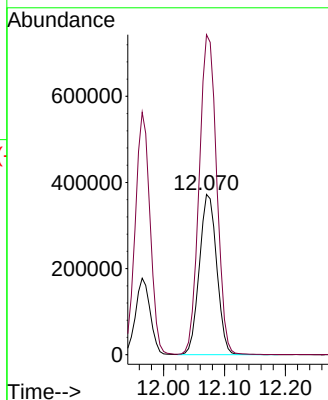
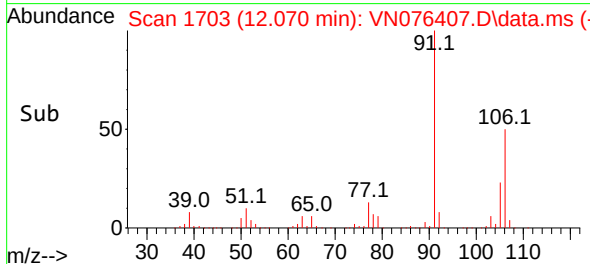
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



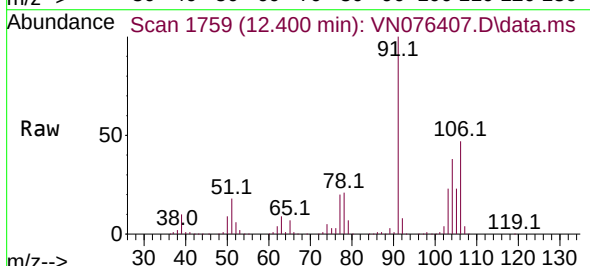
Tgt Ion:106 Resp: 738994
Ion Ratio Lower Upper
106 100
91 200.5 157.5 236.3

Manual Integrations
APPROVED

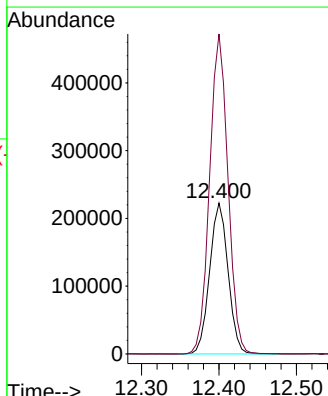
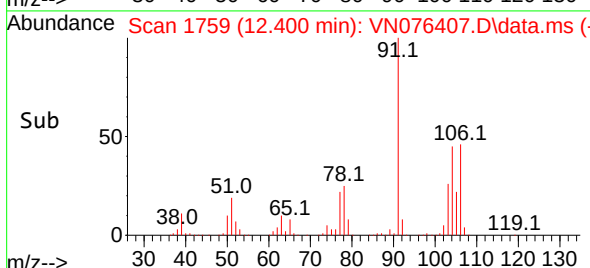
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

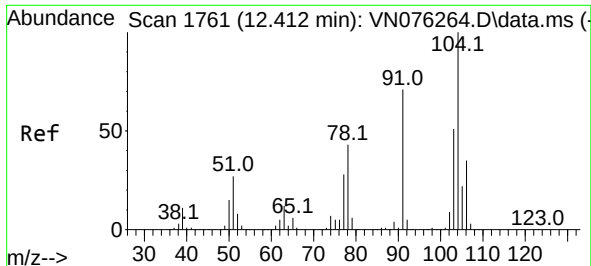


#69
o-Xylene
Concen: 54.163 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



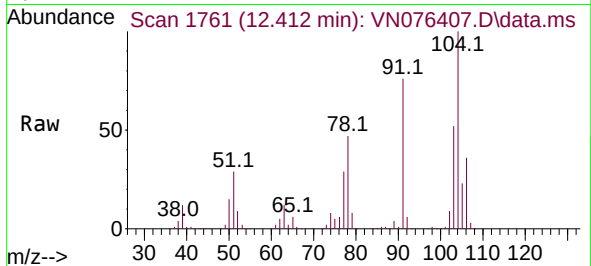
Tgt Ion:106 Resp: 367412
Ion Ratio Lower Upper
106 100
91 211.5 103.2 309.4





#70
Styrene
Concen: 54.385 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

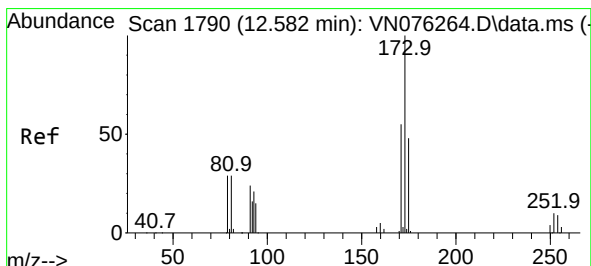
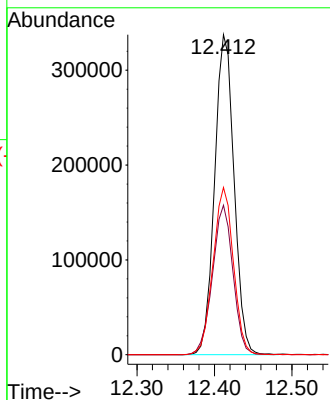
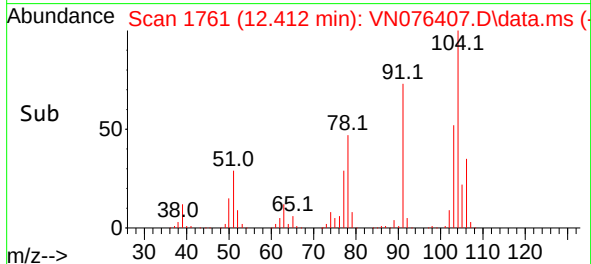
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion:104 Resp: 589050
Ion Ratio Lower Upper
104 100
78 49.0 37.4 56.0
103 54.7 44.2 66.2

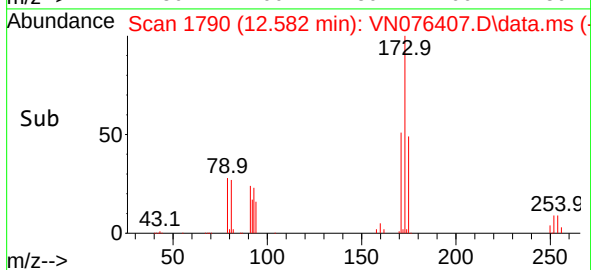
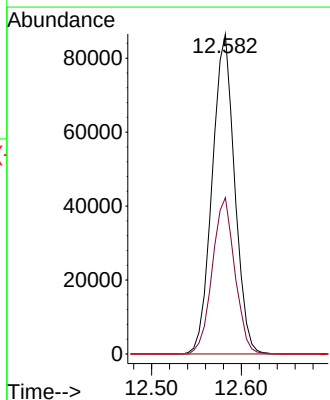
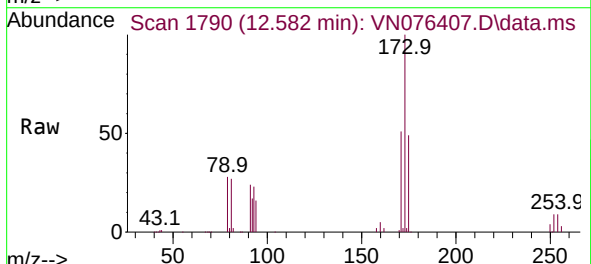
Manual Integrations
APPROVED

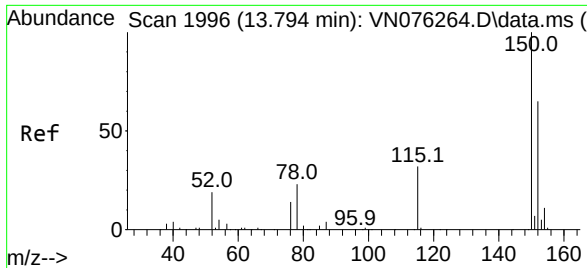
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#71
Bromoform
Concen: 55.507 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

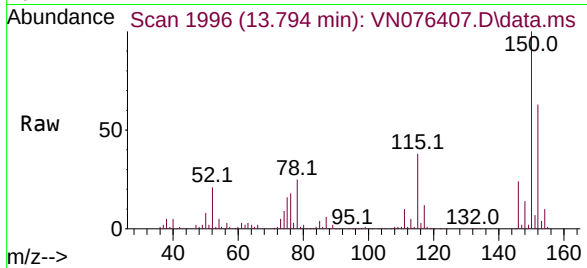
Tgt Ion:173 Resp: 150117
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

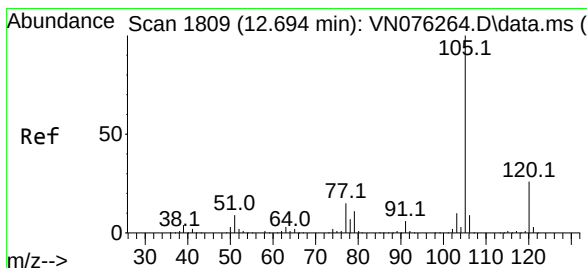
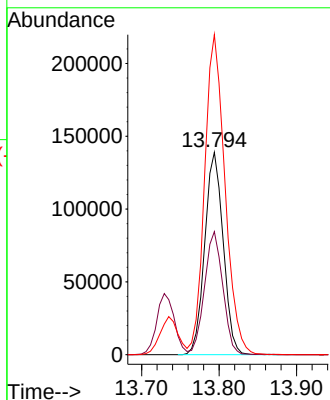
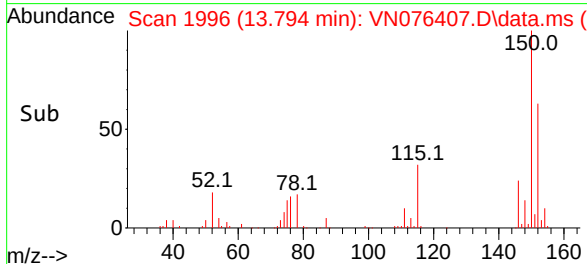
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



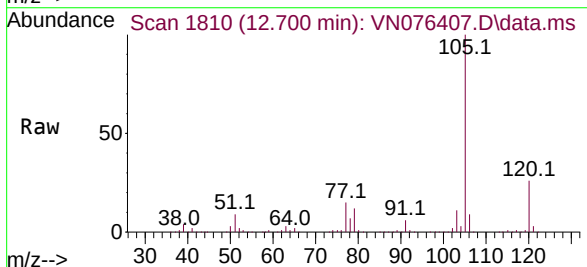
Tgt Ion:152 Resp: 229960
Ion Ratio Lower Upper
152 100
115 60.4 29.6 88.9
150 174.6 0.0 351.4

Manual Integrations
APPROVED

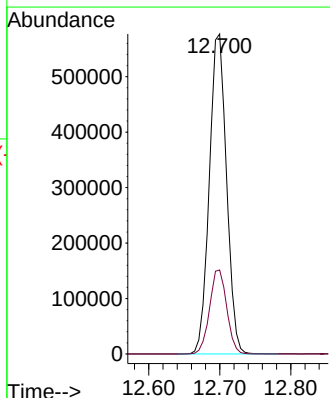
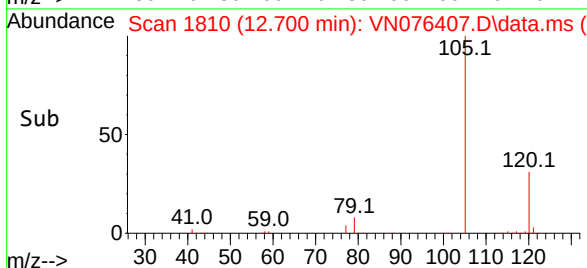
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

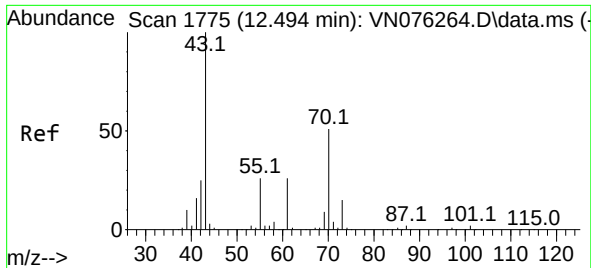


#73
Isopropylbenzene
Concen: 54.524 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



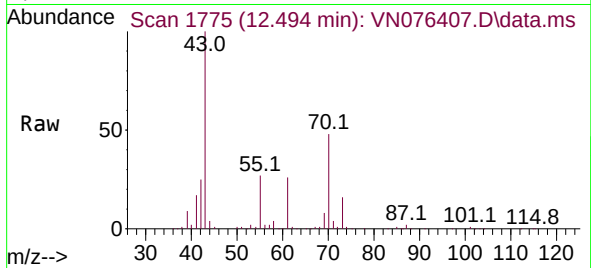
Tgt Ion:105 Resp: 969979
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1





#74
N-amy1 acetate
Concen: 56.109 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

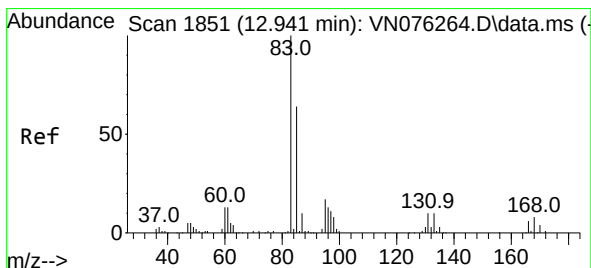
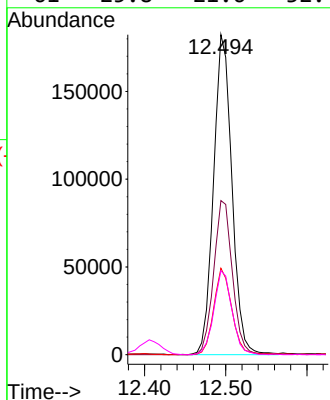
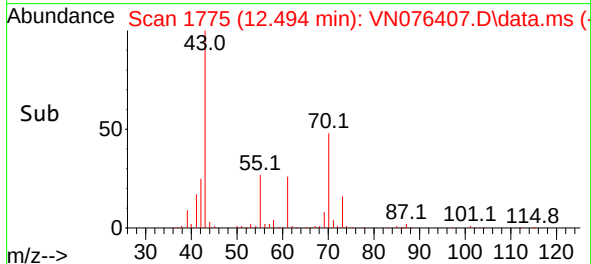
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



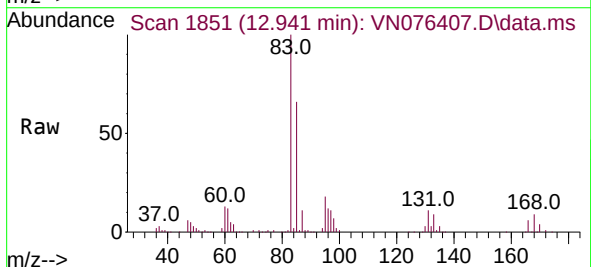
Tgt Ion: 43 Resp: 287124
Ion Ratio Lower Upper
43 100
70 49.0 41.2 61.8
55 26.7 21.0 31.6
61 25.8 21.6 32.4

Manual Integrations
APPROVED

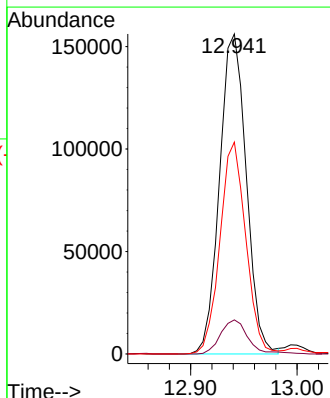
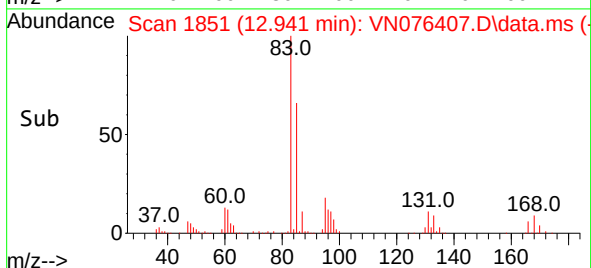
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

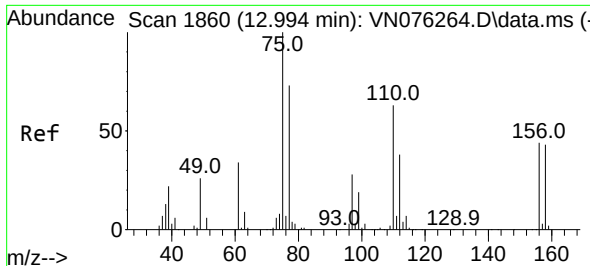


#75
1,1,2,2-Tetrachloroethane
Concen: 53.216 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



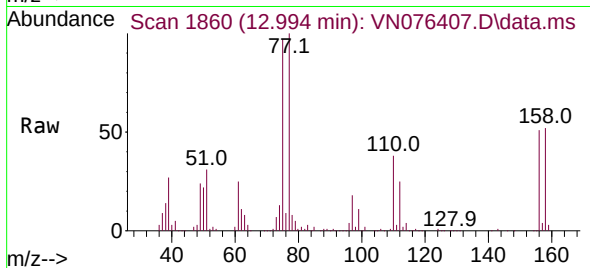
Tgt Ion: 83 Resp: 272149
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 63.9 31.7 95.1





#76
1,2,3-Trichloropropane
Concen: 56.873 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

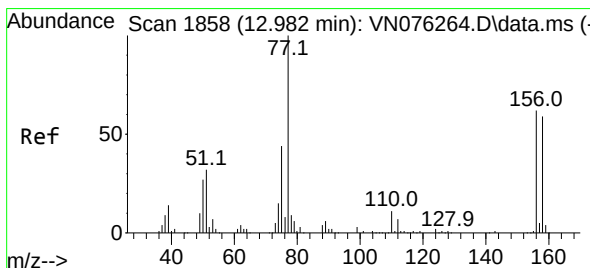
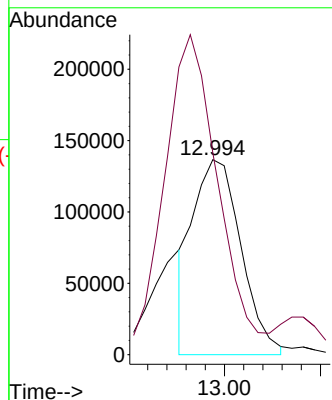
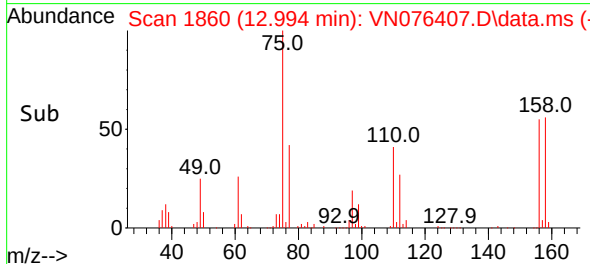
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



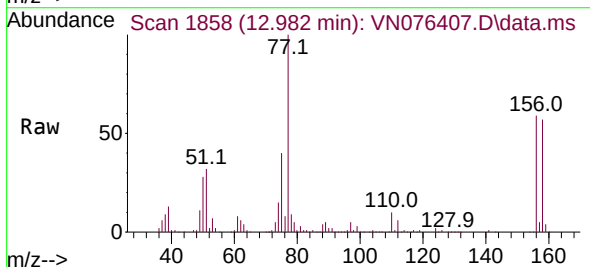
Tgt Ion: 75 Resp: 237712
Ion Ratio Lower Upper
75 100
77 184.6 75.2 225.6

Manual Integrations
APPROVED

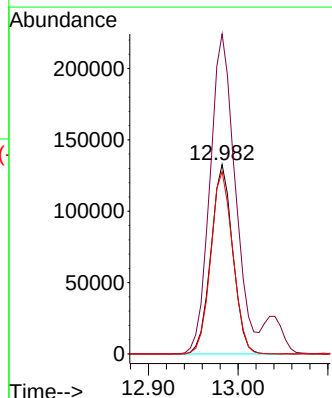
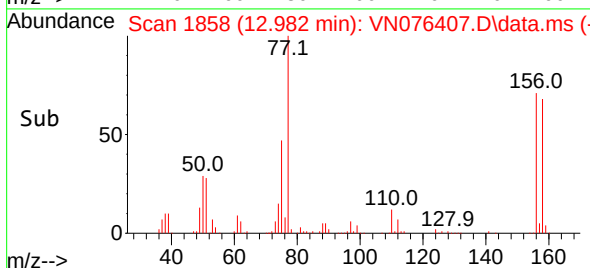
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

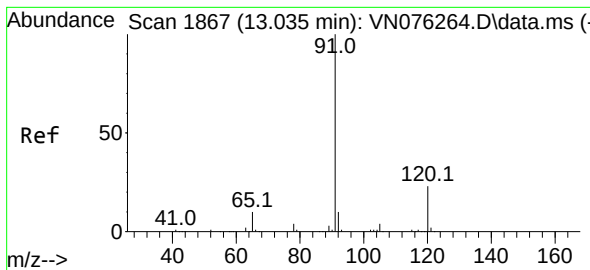


#77
Bromobenzene
Concen: 53.785 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



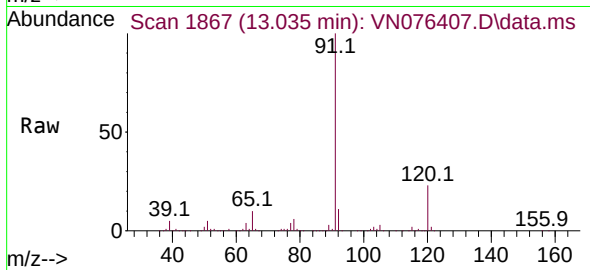
Tgt Ion:156 Resp: 223525
Ion Ratio Lower Upper
156 100
77 196.3 93.4 280.2
158 97.5 48.4 145.2





#78
n-propylbenzene
Concen: 55.273 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

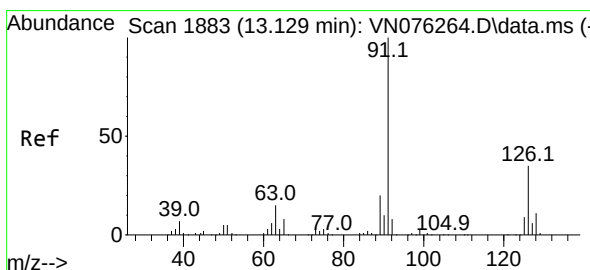
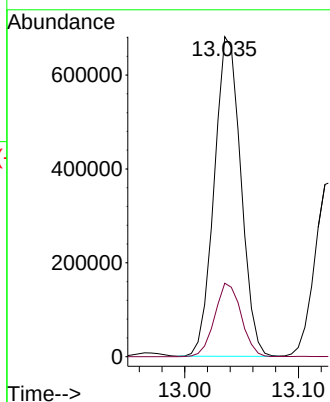
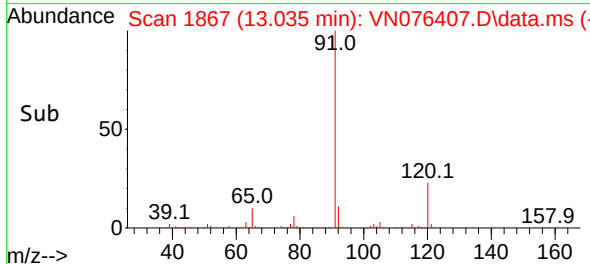
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



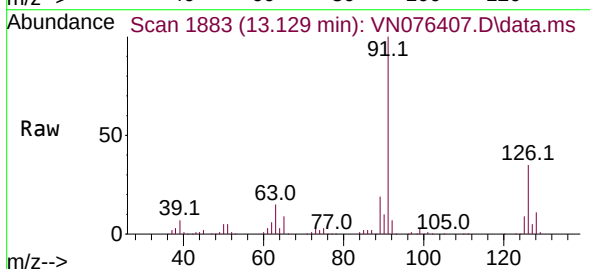
Tgt Ion: 91 Resp: 1109479
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5

Manual Integrations
APPROVED

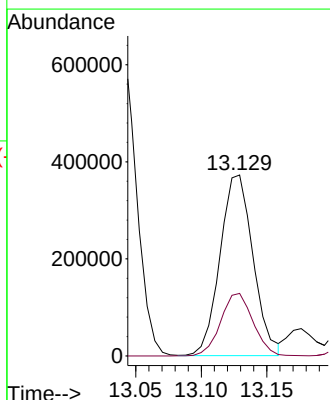
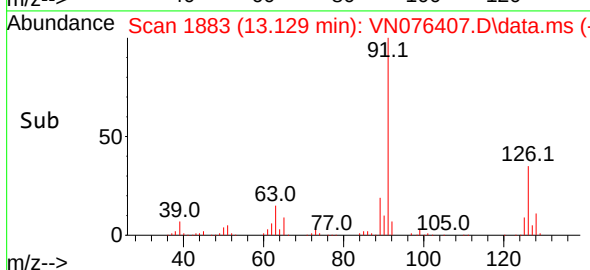
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

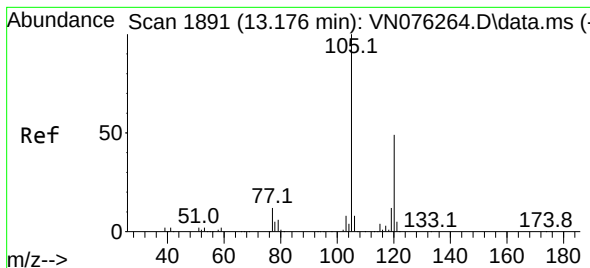


#79
2-Chlorotoluene
Concen: 53.058 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



Tgt Ion: 91 Resp: 653545
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 55.062 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion:105 Resp: 82061

Ion Ratio Lower Upper

105 100

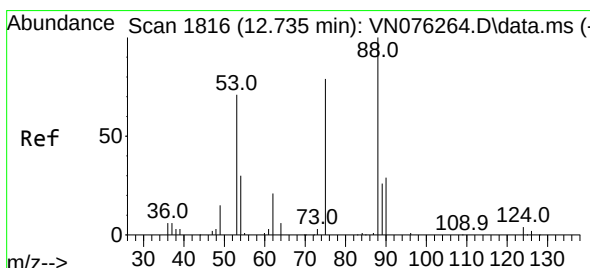
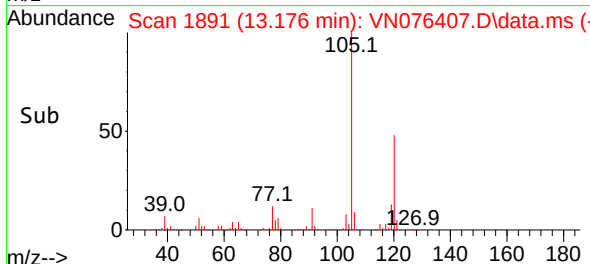
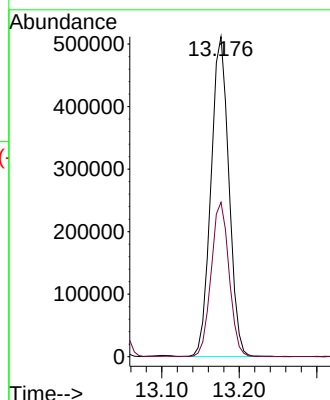
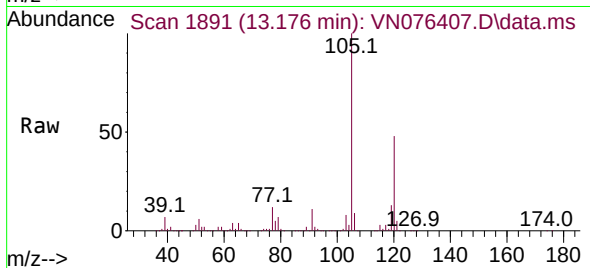
120 48.3 25.0 75.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 51.235 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. 0.006 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

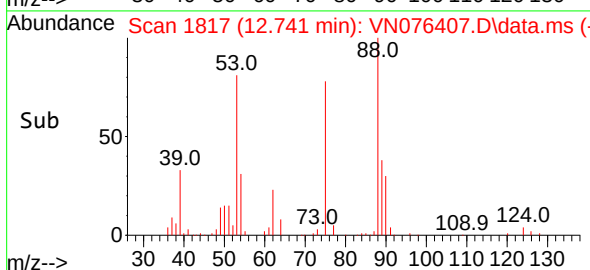
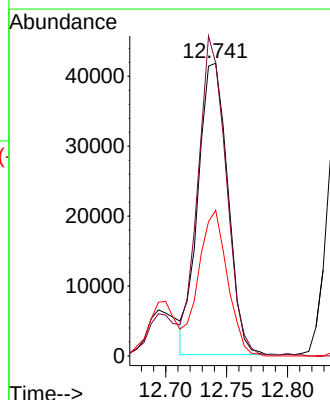
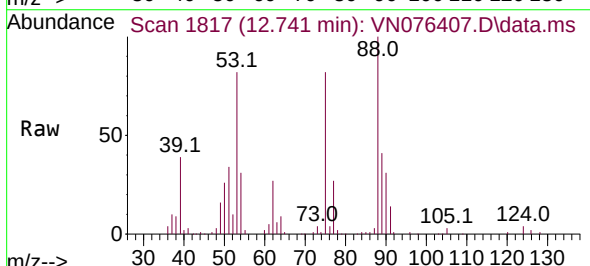
Tgt Ion: 75 Resp: 70813

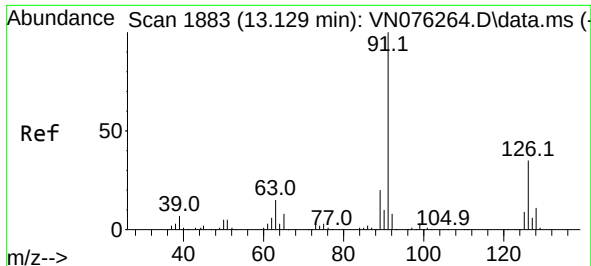
Ion Ratio Lower Upper

75 100

53 103.4 75.8 113.8

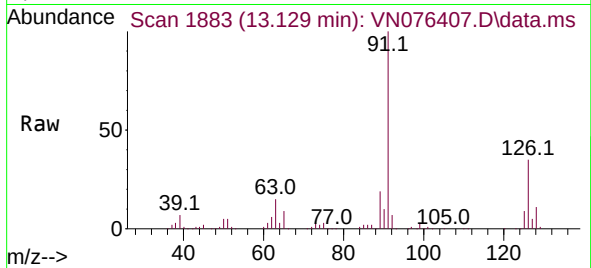
89 49.0 37.0 55.6





#82
4-Chlorotoluene
Concen: 53.058 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

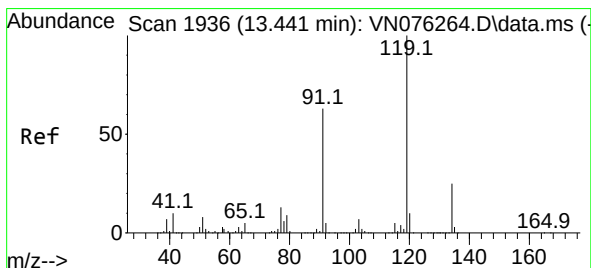
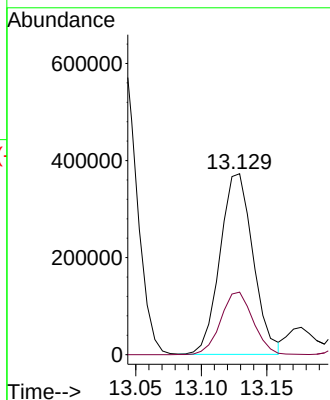
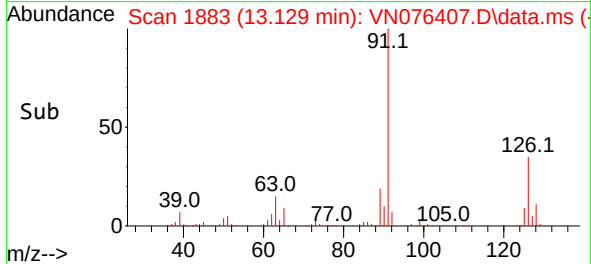
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



Tgt Ion: 91 Resp: 653549
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2

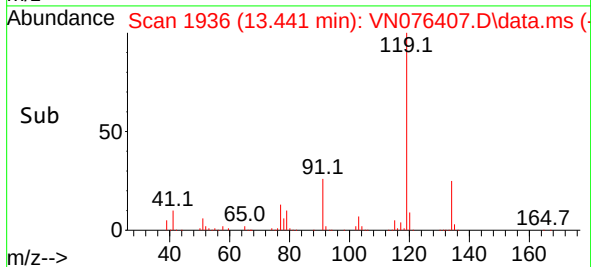
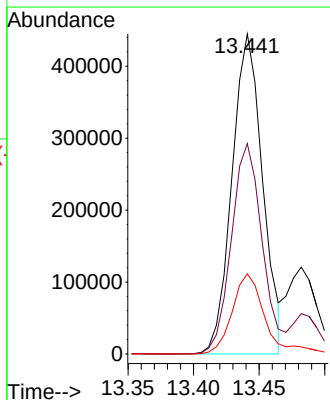
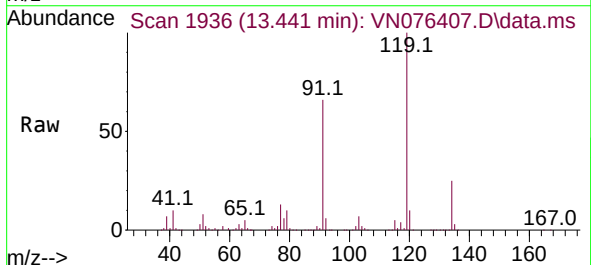
Manual Integrations
APPROVED

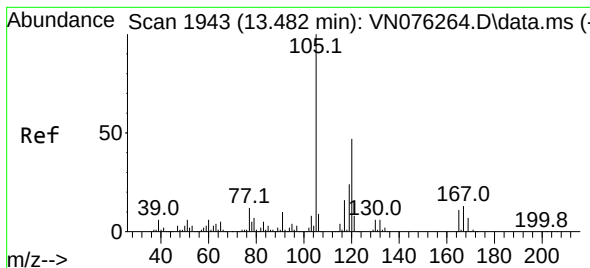
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#83
tert-Butylbenzene
Concen: 54.498 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

Tgt Ion:119 Resp: 722382
Ion Ratio Lower Upper
119 100
91 66.7 32.2 96.6
134 26.8 13.6 40.8





#84

1,2,4-Trimethylbenzene

Concen: 54.787 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076407.D

Acq: 25 Jan 2023 17:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MSD

Tgt Ion:105 Resp: 81875

Ion Ratio Lower Upper

105 100

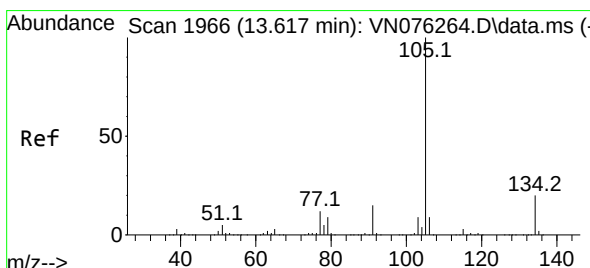
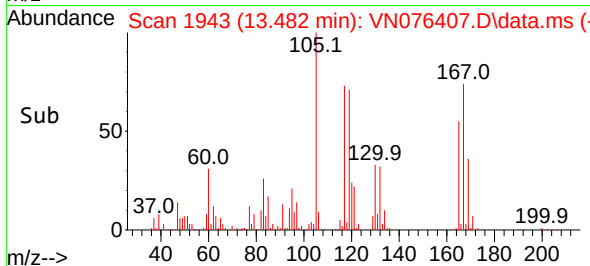
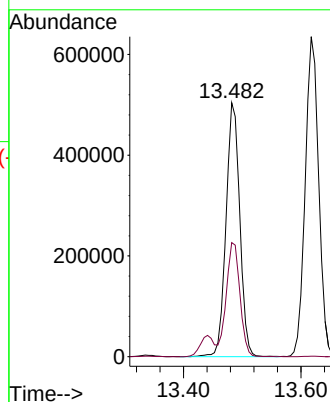
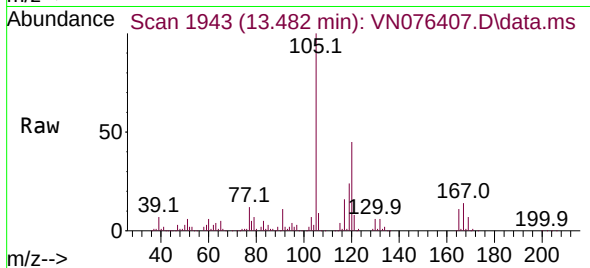
120 44.3 22.9 68.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#85

sec-Butylbenzene

Concen: 55.044 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076407.D

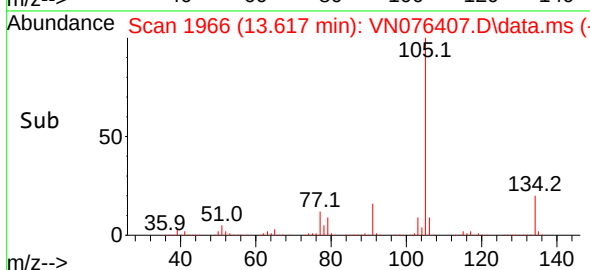
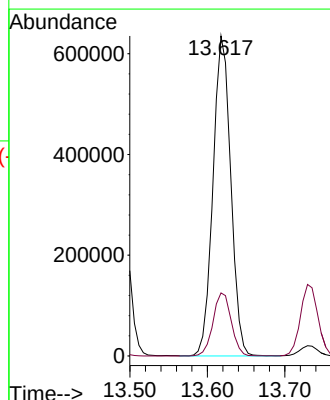
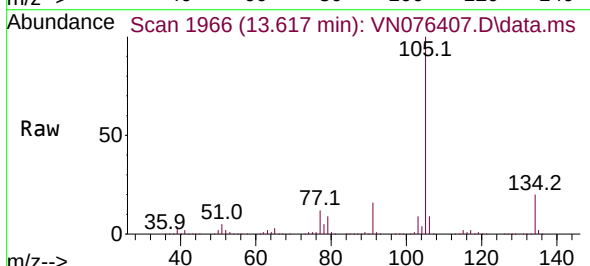
Acq: 25 Jan 2023 17:22

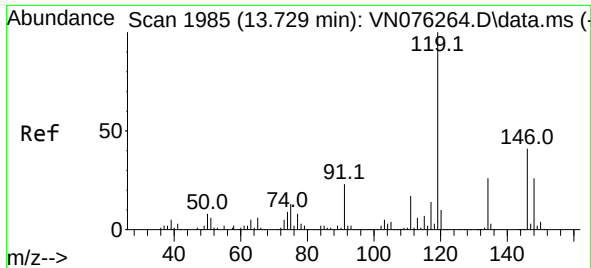
Tgt Ion:105 Resp: 1012420

Ion Ratio Lower Upper

105 100

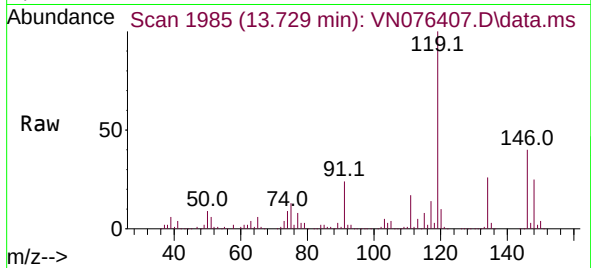
134 20.2 10.3 30.8





#86
p-Isopropyltoluene
Concen: 56.962 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

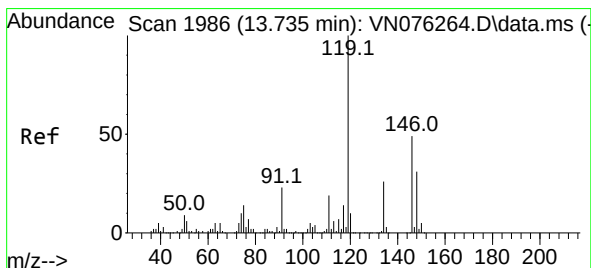
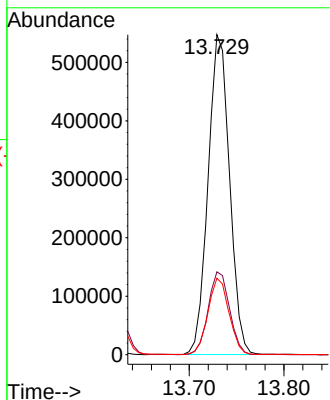
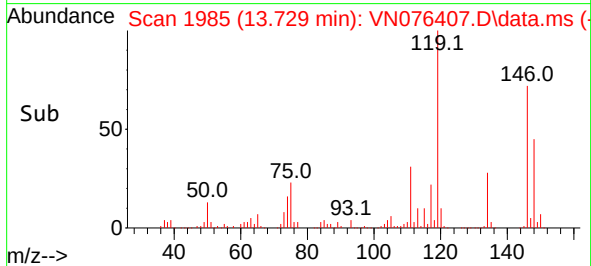
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



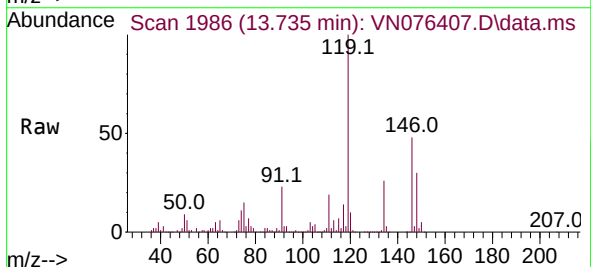
Tgt Ion:119 Resp: 861530
Ion Ratio Lower Upper
119 100
134 25.8 13.2 39.6
91 23.4 11.8 35.3

Manual Integrations
APPROVED

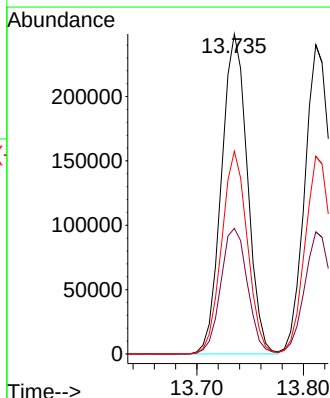
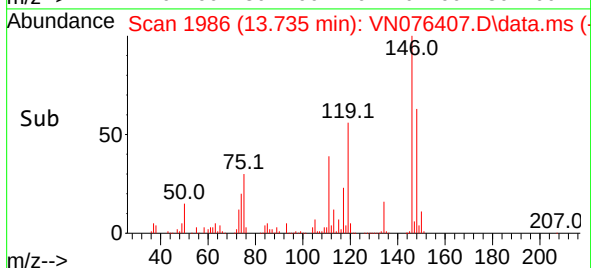
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

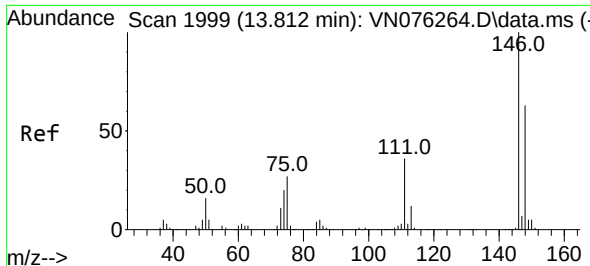


#87
1,3-Dichlorobenzene
Concen: 50.087 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



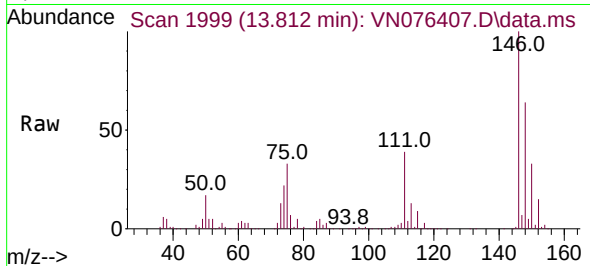
Tgt Ion:146 Resp: 419972
Ion Ratio Lower Upper
146 100
111 40.5 19.9 59.7
148 62.8 31.6 94.8





#88
1,4-Dichlorobenzene
Concen: 51.463 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

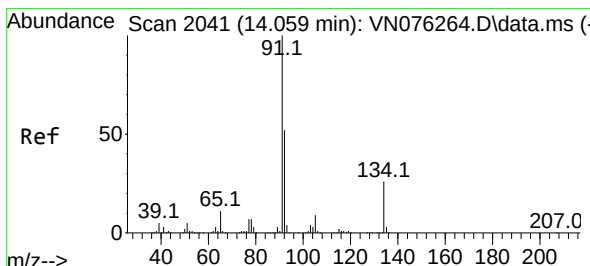
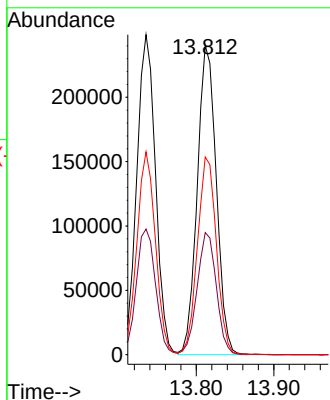
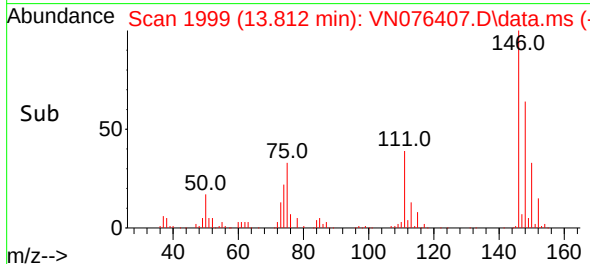
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



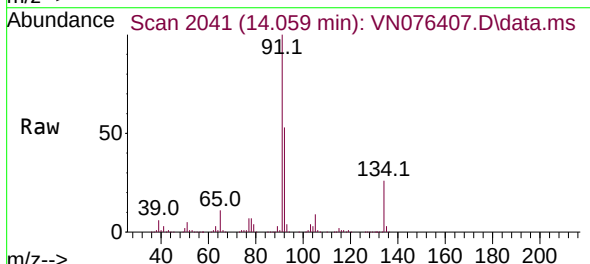
Tgt Ion:146 Resp: 410509
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.5
148 63.5 31.9 95.9

Manual Integrations
APPROVED

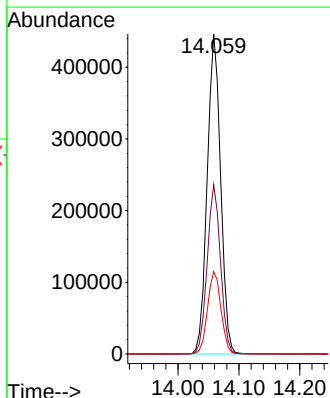
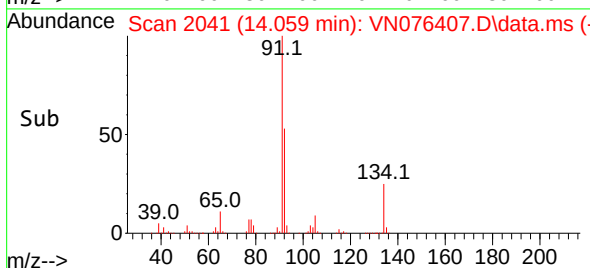
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

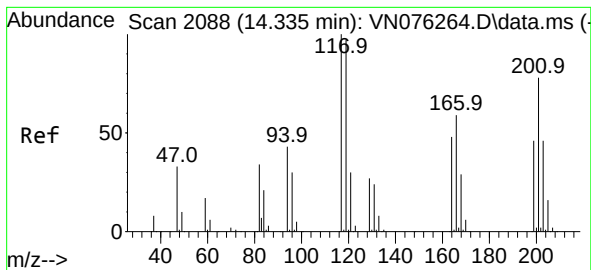


#89
n-Butylbenzene
Concen: 56.757 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



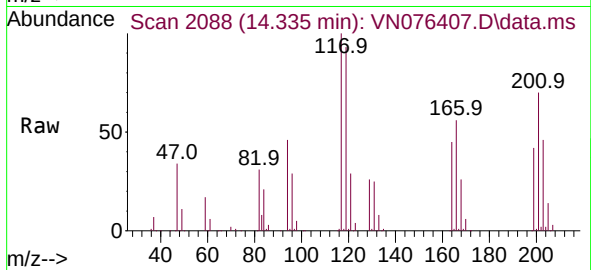
Tgt Ion: 91 Resp: 681453
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 25.8 13.2 39.5





#90
Hexachloroethane
Concen: 56.586 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

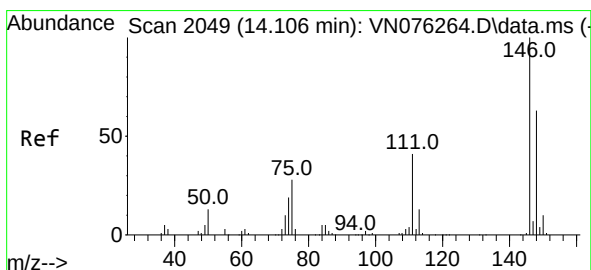
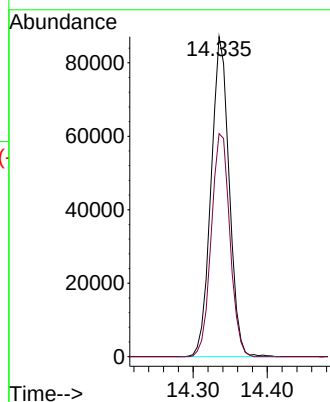
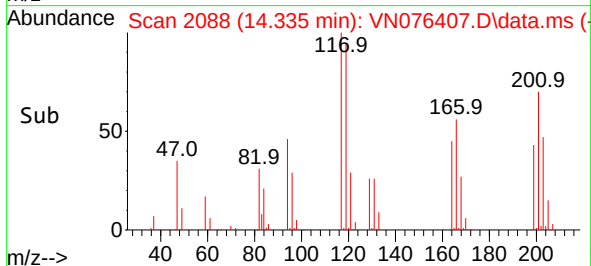
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



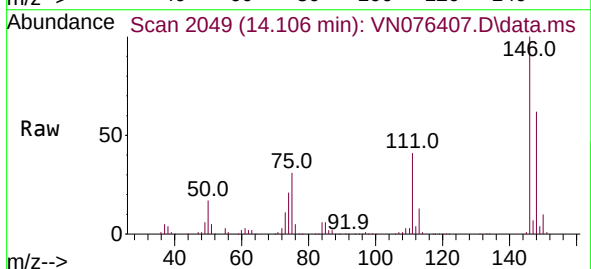
Tgt Ion:117 Resp: 14771
Ion Ratio Lower Upper
117 100
201 71.6 37.3 111.9

Manual Integrations
APPROVED

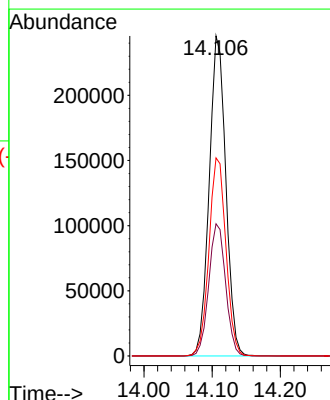
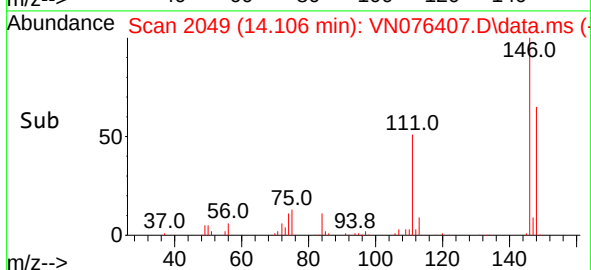
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

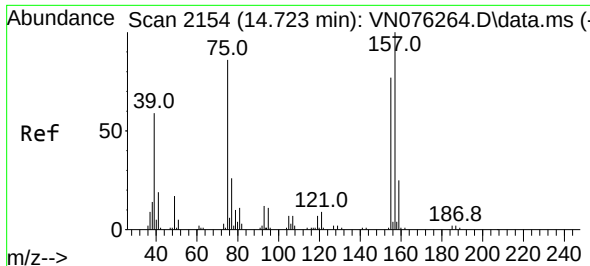


#91
1,2-Dichlorobenzene
Concen: 49.887 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



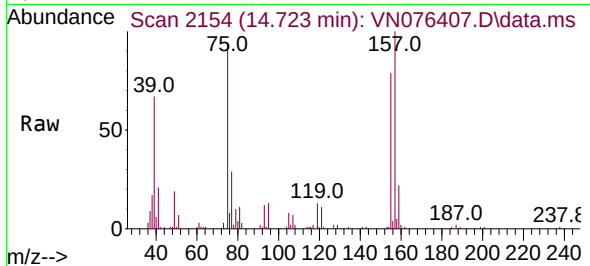
Tgt Ion:146 Resp: 416620
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.8
148 63.3 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 54.080 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

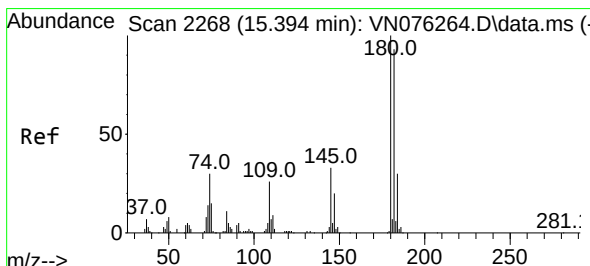
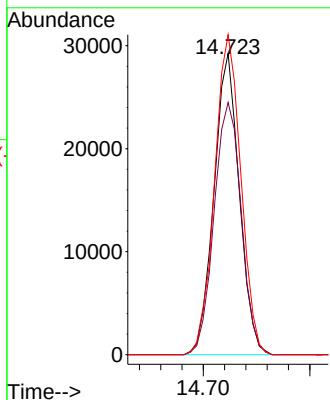
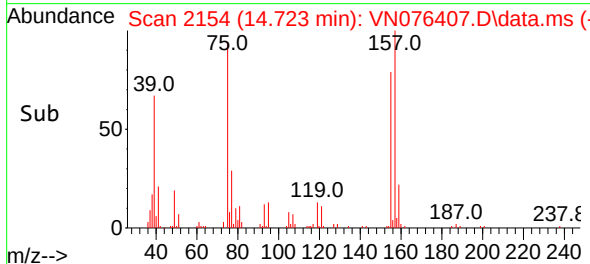
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



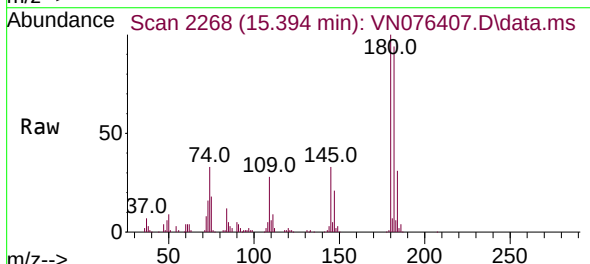
Tgt Ion: 75 Resp: 48075
Ion Ratio Lower Upper
75 100
155 89.7 45.0 135.0
157 110.4 58.3 174.9

Manual Integrations
APPROVED

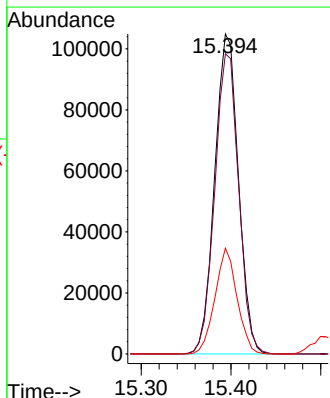
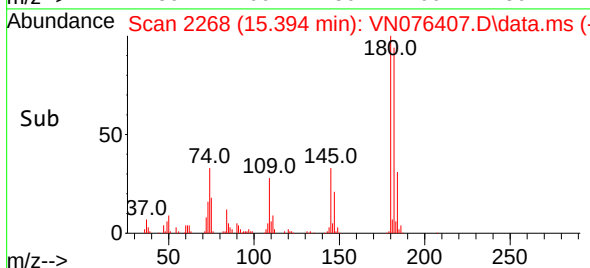
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

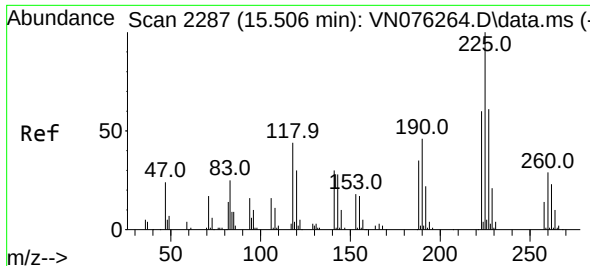


#93
1,2,4-Trichlorobenzene
Concen: 47.735 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



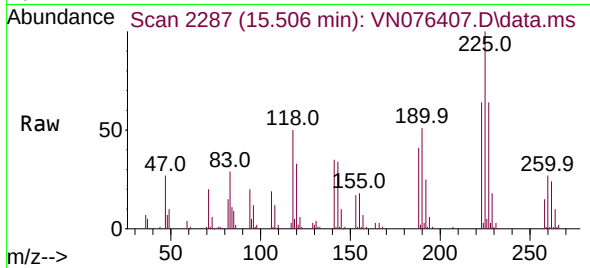
Tgt Ion:180 Resp: 192380
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 30.8 15.2 45.5





#94
Hexachlorobutadiene
Concen: 45.620 ug/l
RT: 15.506 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22

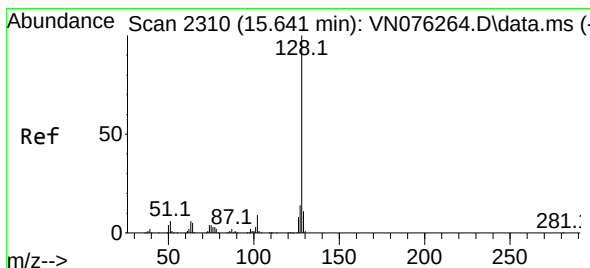
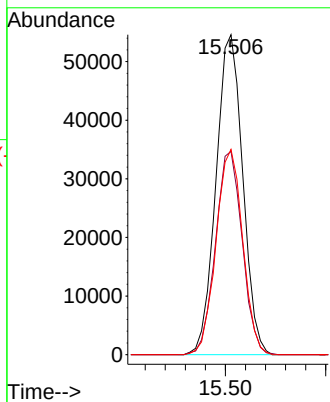
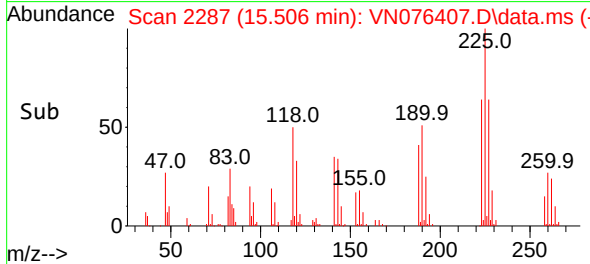
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MSD



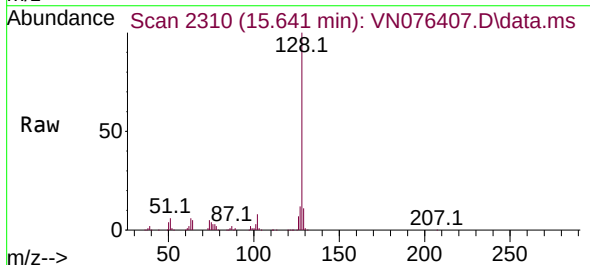
Tgt Ion:225 Resp: 10110
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.3
227 63.8 30.9 92.8

Manual Integrations
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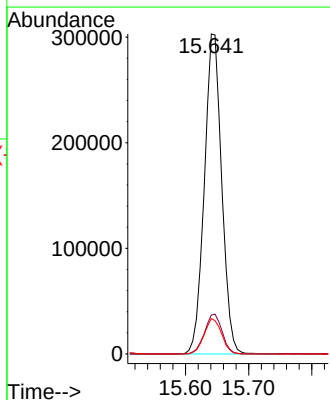
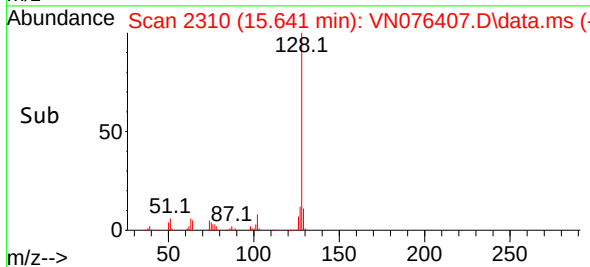
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

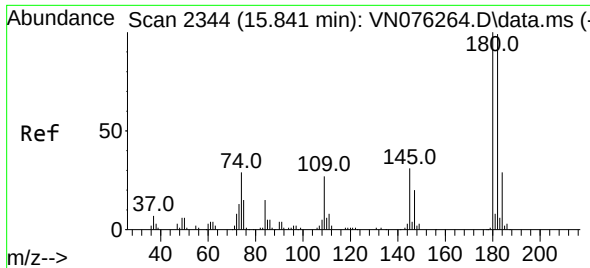


#95
Naphthalene
Concen: 48.458 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076407.D
Acq: 25 Jan 2023 17:22



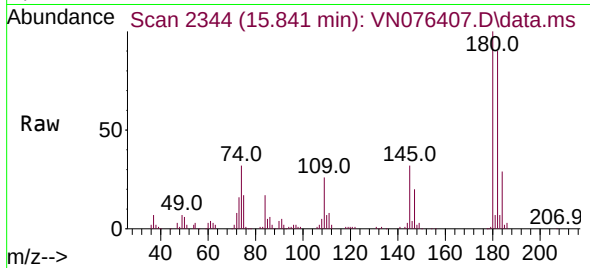
Tgt Ion:128 Resp: 578286
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.563 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076407.D
 Acq: 25 Jan 2023 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MSD



Tgt Ion:180 Resp: 18666
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.5 142.5
 145 32.8 15.9 47.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

