

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076374.D
 Acq On : 24 Jan 2023 11:28
 Operator : JC\MD
 Sample : VN0124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 05:53:54 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	388035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	625914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	551925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230723	53.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	8.177	113	203821	52.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	10.571	98	749925	51.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.853	95	257929	54.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72897	18.332	ug/l	98
3) Chloromethane	2.377	50	79602	19.335	ug/l	96
4) Vinyl Chloride	2.530	62	106912	21.178	ug/l	99
5) Bromomethane	2.965	94	86938	21.029	ug/l	99
6) Chloroethane	3.130	64	79834	21.090	ug/l	96
7) Trichlorofluoromethane	3.512	101	127582	18.370	ug/l	96
8) Diethyl Ether	3.977	74	46929	20.145	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	71729	18.244	ug/l	98
10) Methyl Iodide	4.600	142	106196	17.683	ug/l	98
11) Tert butyl alcohol	5.530	59	49503	85.183	ug/l	100
12) 1,1-Dichloroethene	4.353	96	66294	17.837	ug/l	92
13) Acrolein	4.189	56	54000	77.699	ug/l	99
14) Allyl chloride	5.042	41	90007	20.781	ug/l	90
15) Acrylonitrile	5.736	53	157630	95.317	ug/l	98
16) Acetone	4.442	43	154839	111.130	ug/l	98
17) Carbon Disulfide	4.730	76	154284	16.672	ug/l	99
18) Methyl Acetate	5.036	43	88255	18.697	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	234179	19.354	ug/l	100
20) Methylene Chloride	5.294	84	78222	18.601	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	71879	17.852	ug/l	98
22) Diisopropyl ether	6.683	45	203535	19.927	ug/l	98
23) Vinyl Acetate	6.612	43	628768	95.249	ug/l	99
24) 1,1-Dichloroethane	6.577	63	131737	19.349	ug/l	98
25) 2-Butanone	7.488	43	206916	97.270	ug/l	95
26) 2,2-Dichloropropane	7.500	77	110843	19.316	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	87037	18.534	ug/l	97
28) Bromochloromethane	7.824	49	61934	22.443	ug/l	100
29) Tetrahydrofuran	7.841	42	126343	96.233	ug/l	98
30) Chloroform	7.971	83	147674	19.602	ug/l	100
31) Cyclohexane	8.265	56	115423	17.294	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	131136	19.066	ug/l	93
36) 1,1-Dichloropropene	8.377	75	101553	18.253	ug/l	99
37) Ethyl Acetate	7.565	43	79650	17.872	ug/l	97
38) Carbon Tetrachloride	8.365	117	117127	18.878	ug/l	97
39) Methylcyclohexane	9.606	83	124958	18.392	ug/l	99
40) Benzene	8.612	78	311144	18.703	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076374.D
 Acq On : 24 Jan 2023 11:28
 Operator : JC\MD
 Sample : VN0124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 05:53:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	45322	19.397	ug/l	97
42) 1,2-Dichloroethane	8.677	62	109445	19.228	ug/l	100
43) Isopropyl Acetate	8.694	43	136492	18.801	ug/l	98
44) Trichloroethene	9.353	130	85788	18.232	ug/l	97
45) 1,2-Dichloropropane	9.624	63	76291	19.154	ug/l	99
46) Dibromomethane	9.712	93	56092	18.652	ug/l	98
47) Bromodichloromethane	9.888	83	113209	19.410	ug/l	99
48) Methyl methacrylate	9.682	41	65434	19.039	ug/l	97
49) 1,4-Dioxane	9.700	88	27760	382.794	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	421899	98.998	ug/l	98
52) Toluene	10.635	92	205344	18.458	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	108283	19.475	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	123634	19.328	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	82399	19.377	ug/l	99
56) Ethyl methacrylate	10.876	69	108498	19.763	ug/l	98
57) 1,3-Dichloropropane	11.165	76	131521	19.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	149317	80.565	ug/l	100
59) 2-Hexanone	11.200	43	307412	99.542	ug/l	99
60) Dibromochloromethane	11.359	129	89826	20.066	ug/l	98
61) 1,2-Dibromoethane	11.471	107	81144	19.117	ug/l	99
64) Tetrachloroethene	11.106	164	85364	17.151	ug/l	97
65) Chlorobenzene	11.894	112	221540	18.989	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	82866	19.090	ug/l	98
67) Ethyl Benzene	11.965	91	391843	19.624	ug/l	99
68) m/p-Xylenes	12.070	106	314516	39.281	ug/l	99
69) o-Xylene	12.400	106	155518	19.778	ug/l	98
70) Styrene	12.412	104	247791	19.737	ug/l	99
71) Bromoform	12.576	173	63360	20.211	ug/l #	100
73) Isopropylbenzene	12.700	105	402943	20.695	ug/l	99
74) N-amyl acetate	12.494	43	115127	20.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	112572	20.112	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	88862m	18.789	ug/l	
77) Bromobenzene	12.982	156	94955	20.529	ug/l	97
78) n-propylbenzene	13.035	91	451954	20.573	ug/l	99
79) 2-Chlorotoluene	13.129	91	271414	20.133	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	339042	20.786	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	29652	19.603	ug/l	95
82) 4-Chlorotoluene	13.129	91	271414	20.133	ug/l	100
83) tert-Butylbenzene	13.441	119	312770	21.559	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	340425	20.814	ug/l	99
85) sec-Butylbenzene	13.617	105	416796	20.705	ug/l	99
86) p-Isopropyltoluene	13.729	119	348089	21.028	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	171624	18.702	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	169387	19.466	ug/l	98
89) n-Butylbenzene	14.059	91	266234	20.260	ug/l	99
90) Hexachloroethane	14.335	117	60705	21.248	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	170078	18.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18621	19.139	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	73909	17.603	ug/l	97
94) Hexachlorobutadiene	15.506	225	44657	18.411	ug/l	97
95) Naphthalene	15.647	128	210723	17.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73402	18.188	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076374.D
 Acq On : 24 Jan 2023 11:28
 Operator : JC\MD
 Sample : VN0124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0124MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 25 05:53:54 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

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

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

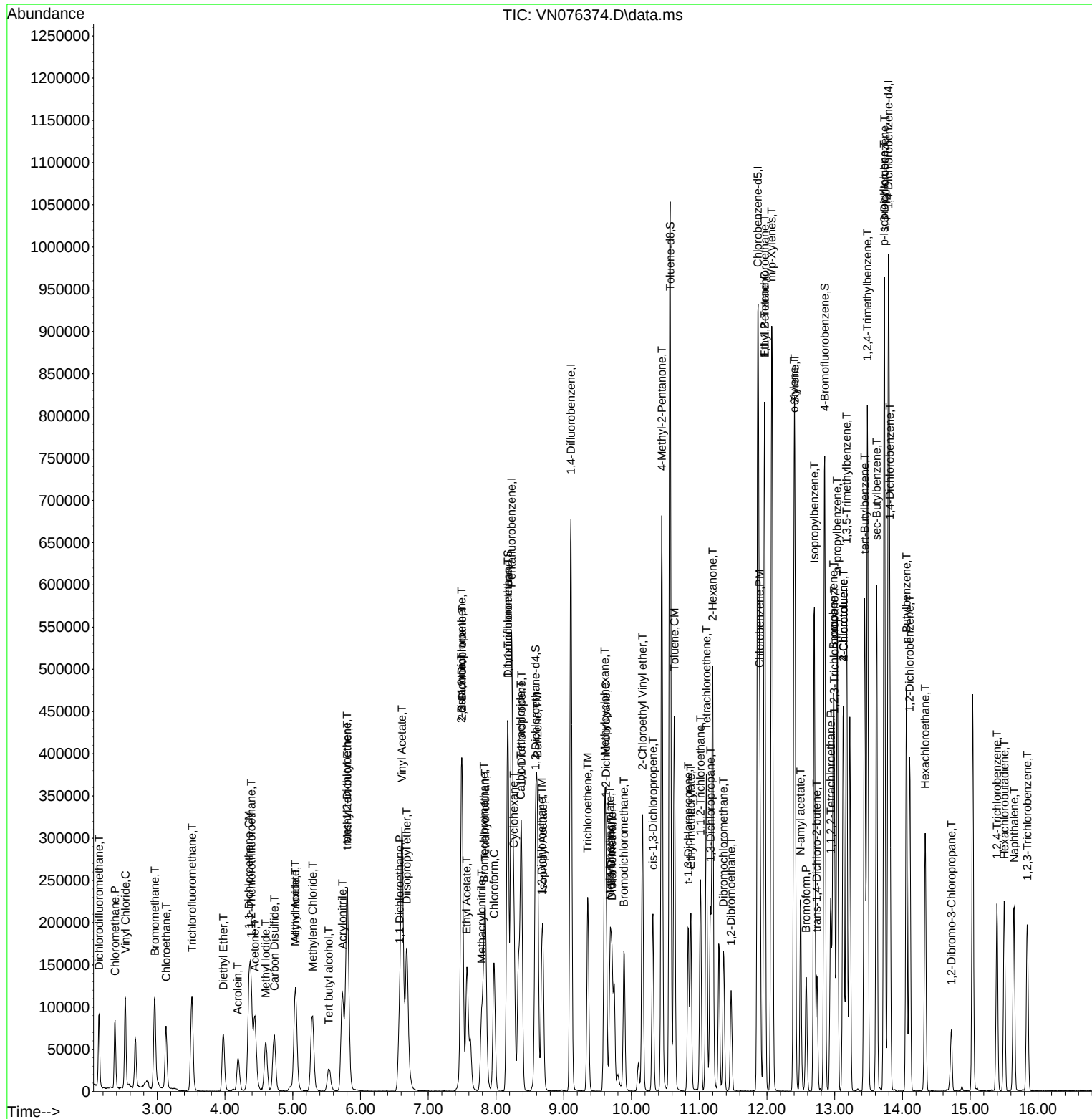
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076374.D
 Acq On : 24 Jan 2023 11:28
 Operator : JC\MD
 Sample : VN0124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

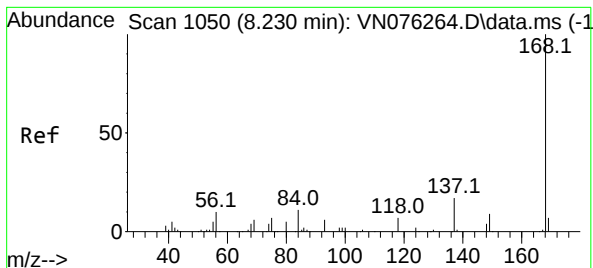
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 01/25/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

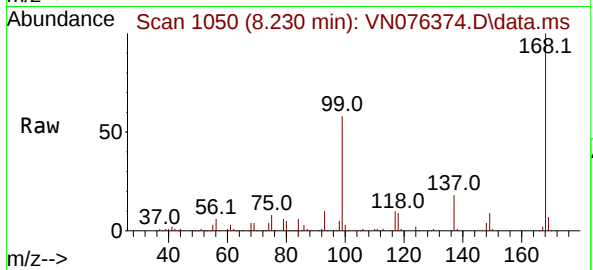
Quant Time: Jan 25 05:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

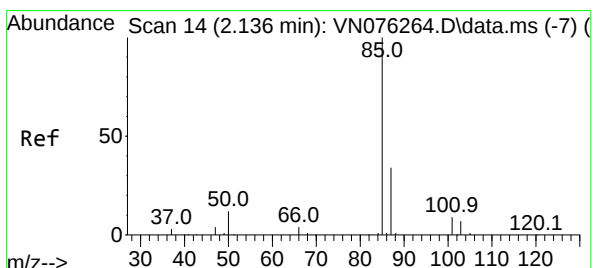
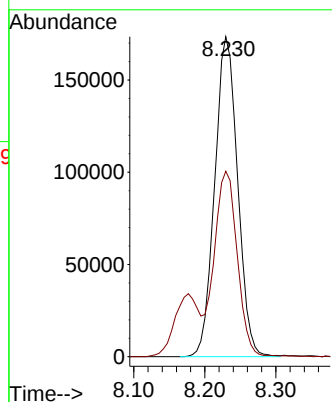
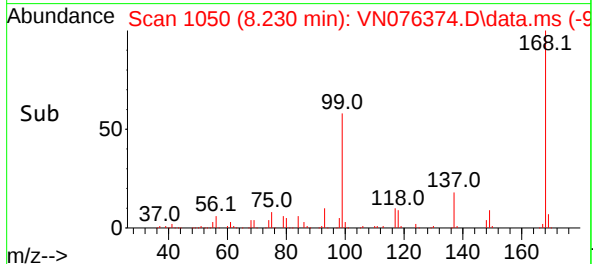
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion:168 Resp: 388035
Ion Ratio Lower Upper
168 100
99 57.7 41.6 62.4

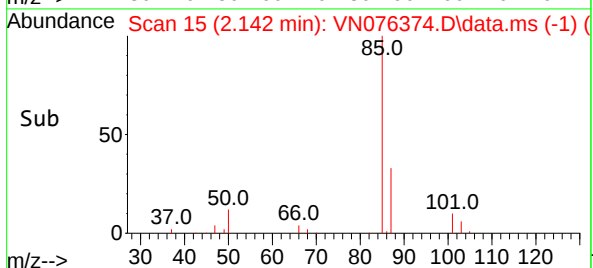
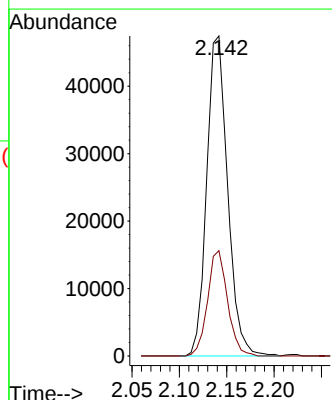
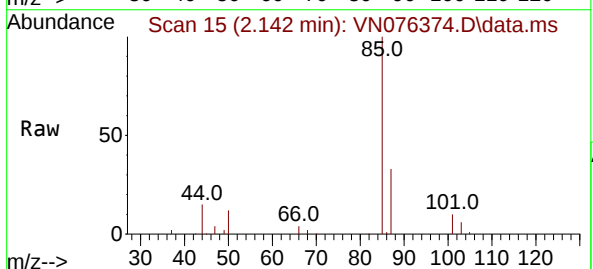
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#2
Dichlorodifluoromethane
Concen: 18.332 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 85 Resp: 72897
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.2





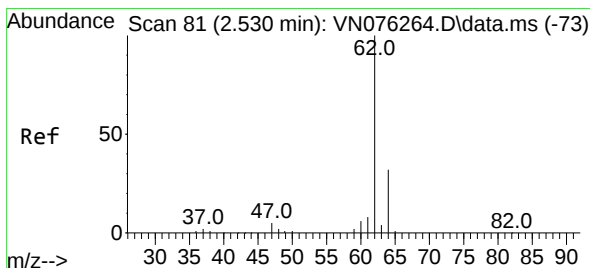
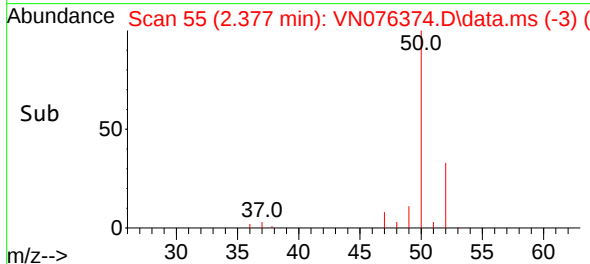
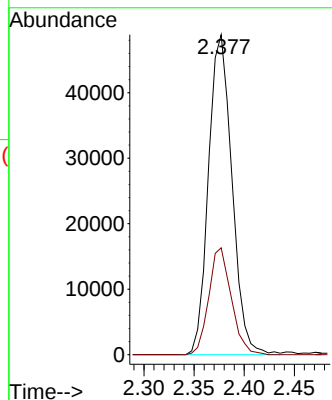
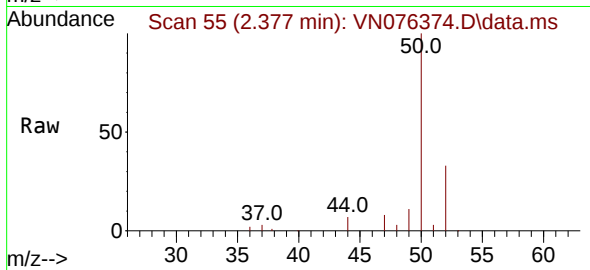
#3
Chloromethane
Concen: 19.335 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 50 Resp: 79602
Ion Ratio Lower Upper
50 100
52 33.4 24.8 37.2

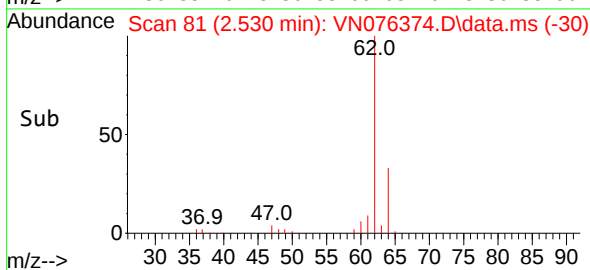
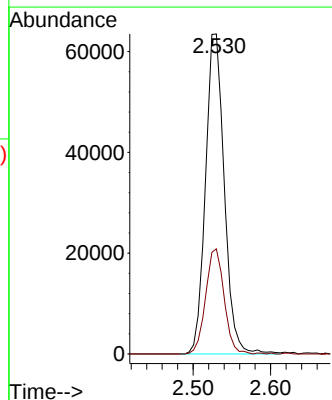
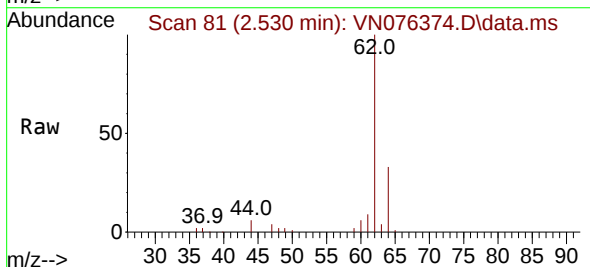
Manual Integrations
APPROVED

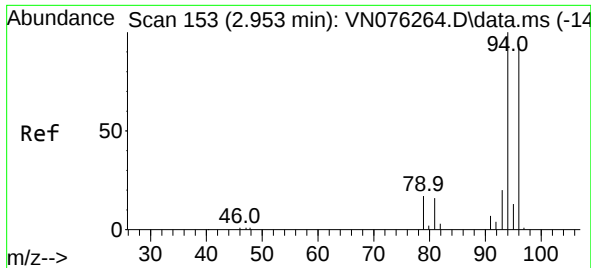
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#4
Vinyl Chloride
Concen: 21.178 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

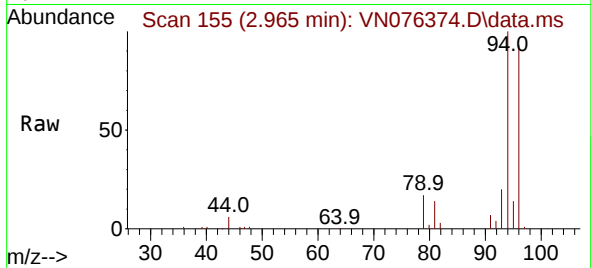
Tgt Ion: 62 Resp: 106912
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





#5
Bromomethane
Concen: 21.029 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

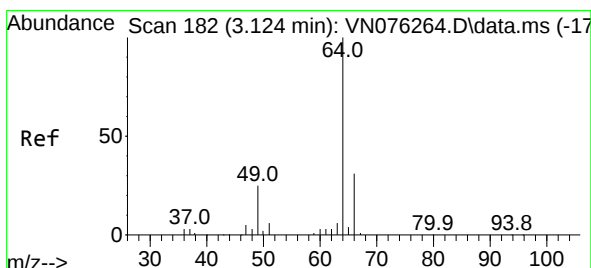
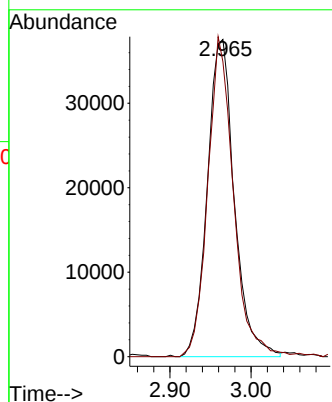
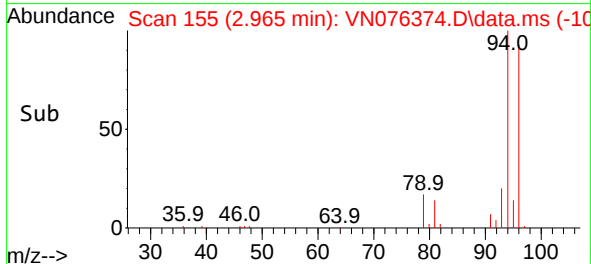
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 94 Resp: 86938
Ion Ratio Lower Upper
94 100
96 92.9 75.1 112.7

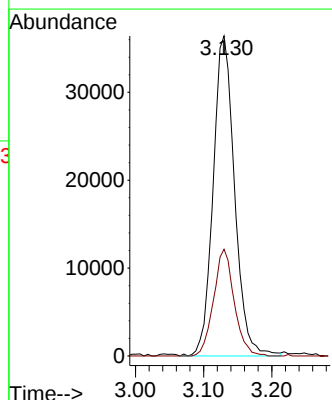
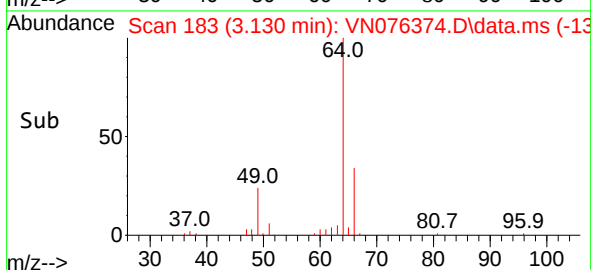
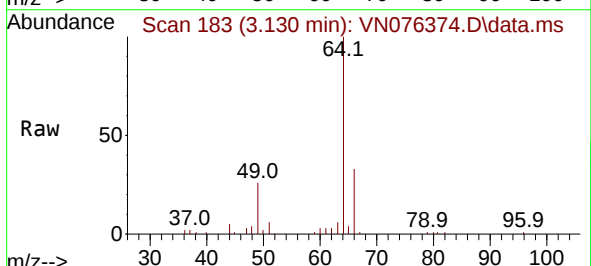
Manual Integrations
APPROVED

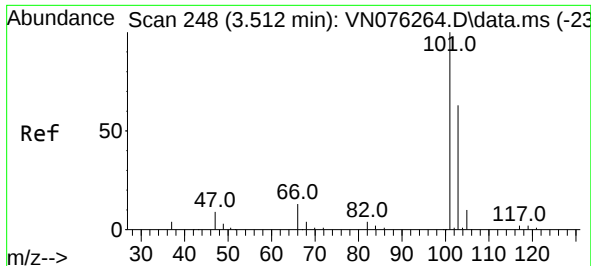
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#6
Chloroethane
Concen: 21.090 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

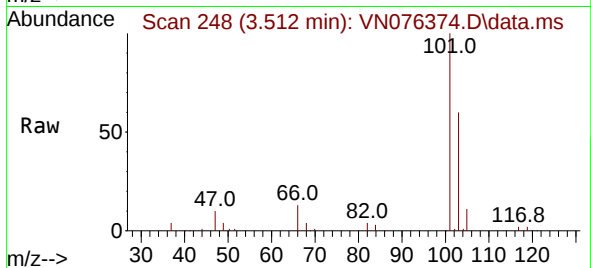
Tgt Ion: 64 Resp: 79834
Ion Ratio Lower Upper
64 100
66 33.3 24.8 37.2





#7
Trichlorofluoromethane
Concen: 18.370 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

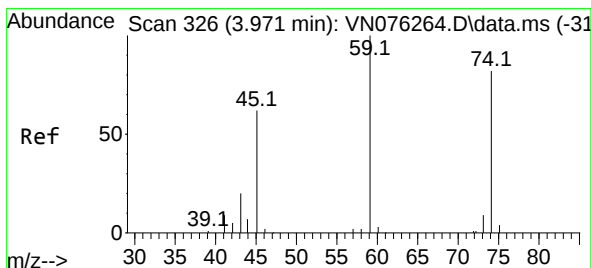
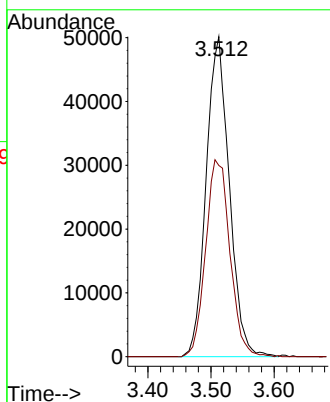
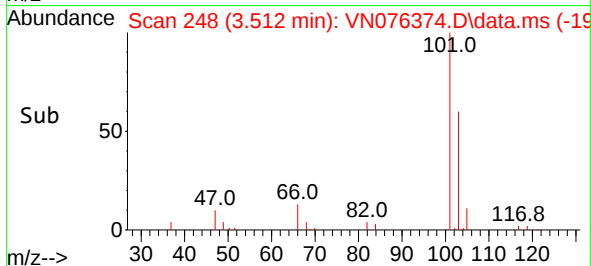
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



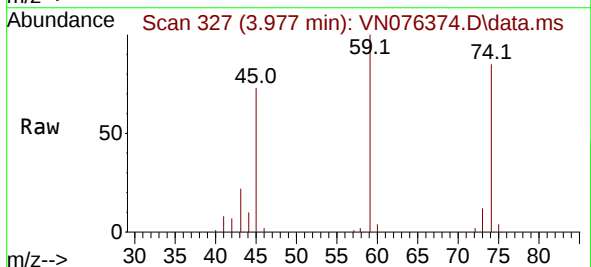
Tgt Ion:101 Resp: 12758
Ion Ratio Lower Upper
101 100
103 59.7 50.2 75.4

Manual Integrations
APPROVED

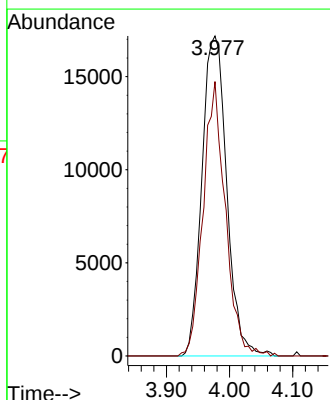
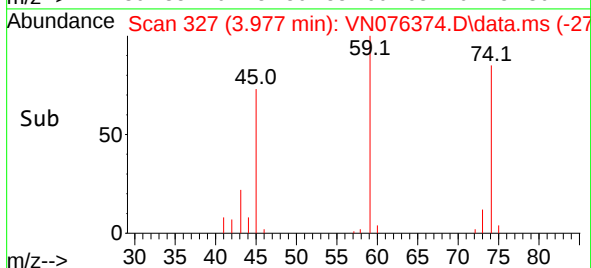
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

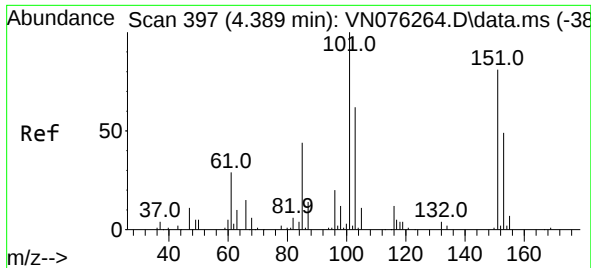


#8
Diethyl Ether
Concen: 20.145 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion: 74 Resp: 46929
Ion Ratio Lower Upper
74 100
45 76.8 37.8 113.3





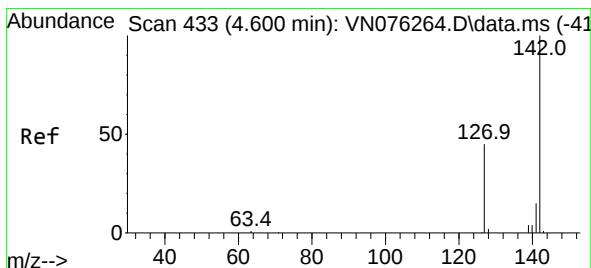
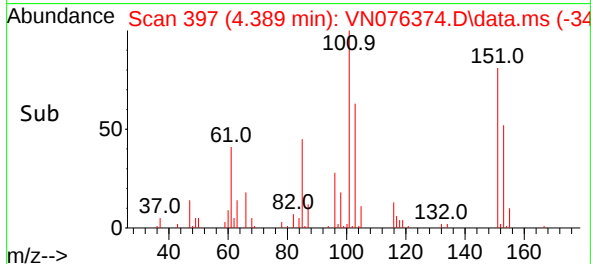
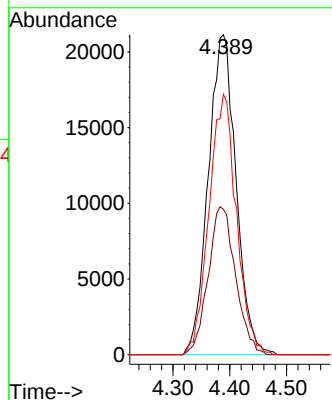
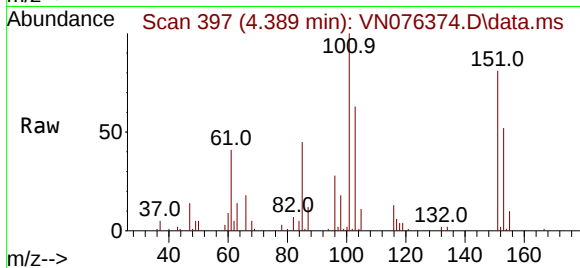
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.244 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion:101 Resp: 71729
Ion Ratio Lower Upper
101 100
85 45.7 35.5 53.3
151 80.2 65.5 98.3

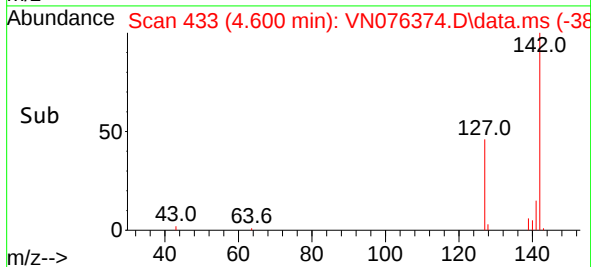
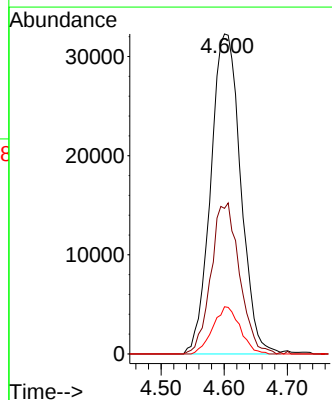
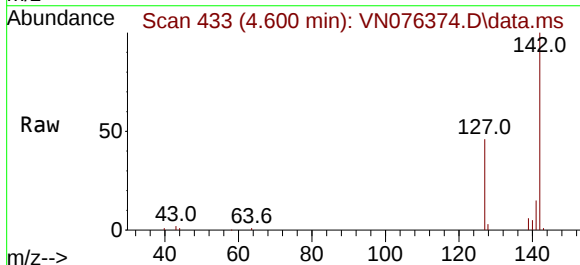
Manual Integrations
APPROVED

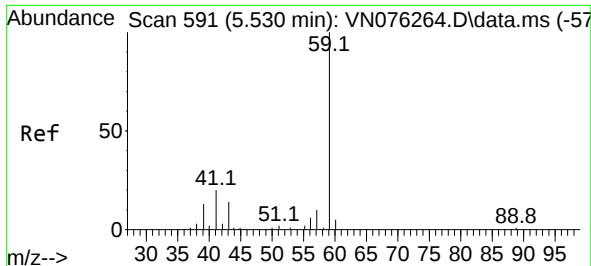
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 17.683 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:142 Resp: 106196
Ion Ratio Lower Upper
142 100
127 44.9 35.0 52.4
141 13.5 11.5 17.3





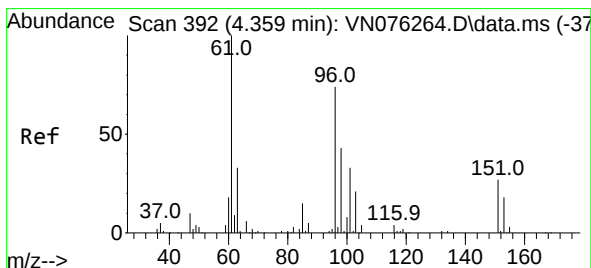
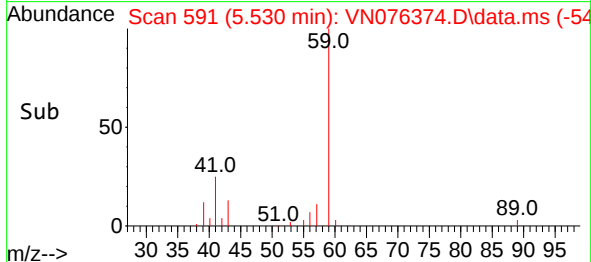
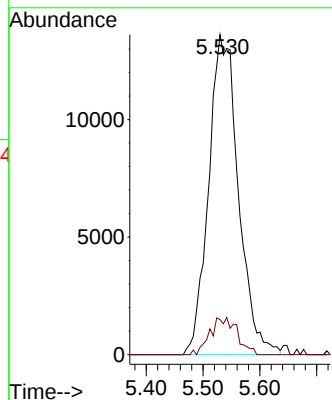
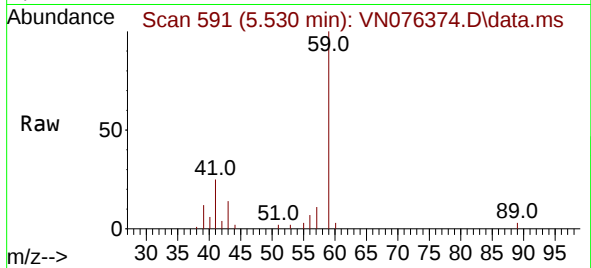
#11
Tert butyl alcohol
Concen: 85.183 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 59 Resp: 4950
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

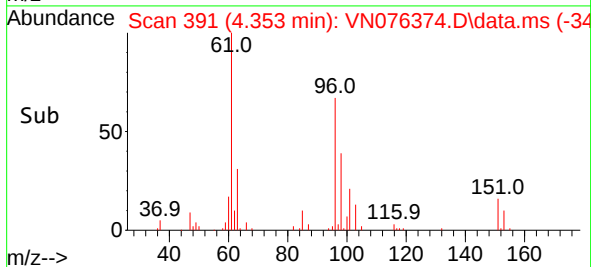
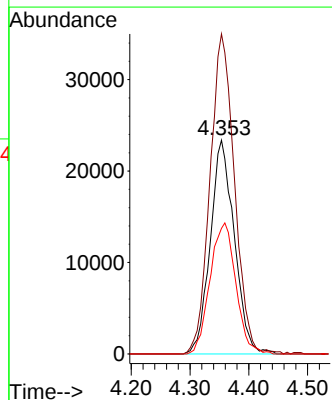
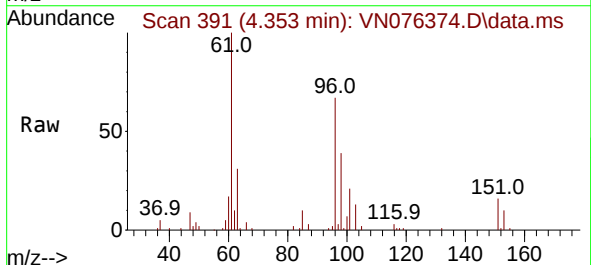
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#12
1,1-Dichloroethene
Concen: 17.837 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

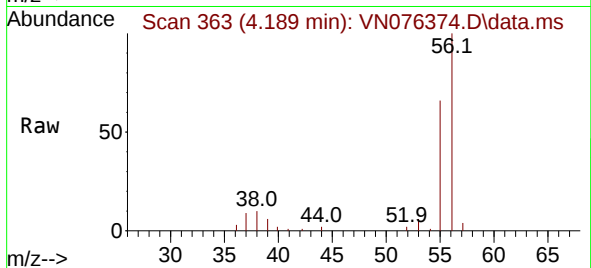
Tgt Ion: 96 Resp: 66294
Ion Ratio Lower Upper
96 100
61 149.7 108.2 162.4
98 58.8 47.0 70.6





#13
Acrolein
Concen: 77.699 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

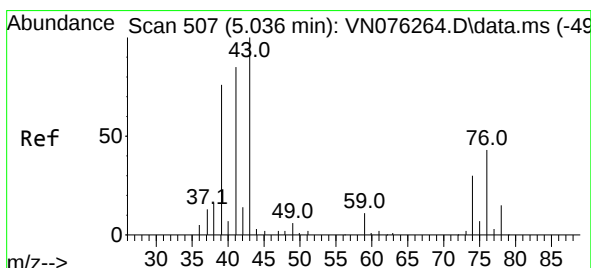
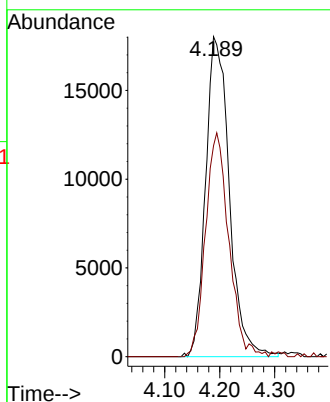
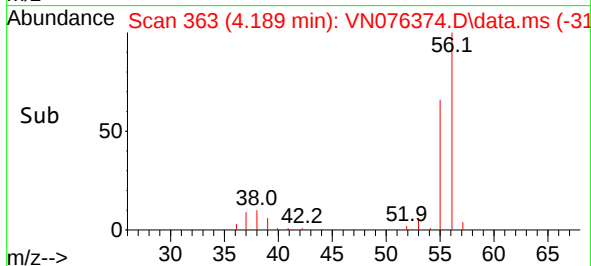
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



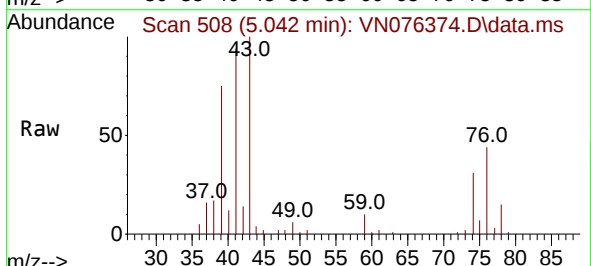
Tgt Ion: 56 Resp: 54000
Ion Ratio Lower Upper
56 100
55 68.6 55.8 83.6

Manual Integrations
APPROVED

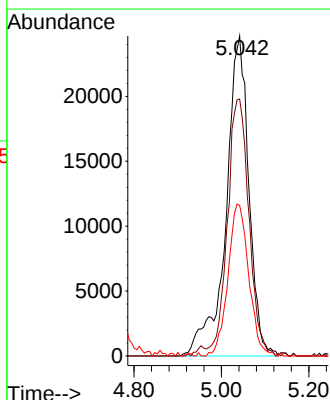
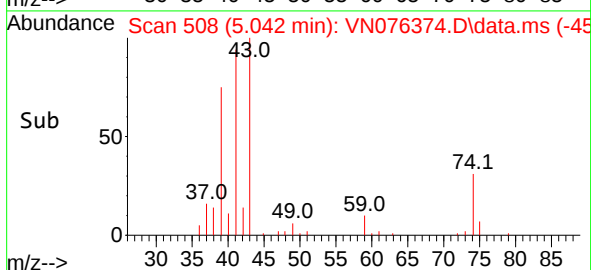
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

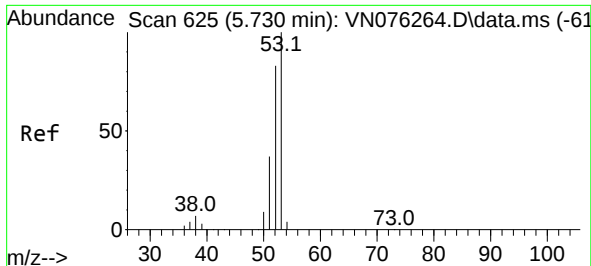


#14
Allyl chloride
Concen: 20.781 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



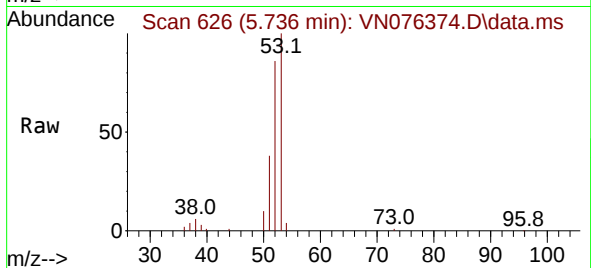
Tgt Ion: 41 Resp: 90007
Ion Ratio Lower Upper
41 100
39 75.0 67.4 101.0
76 43.0 39.8 59.8





#15
Acrylonitrile
Concen: 95.317 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

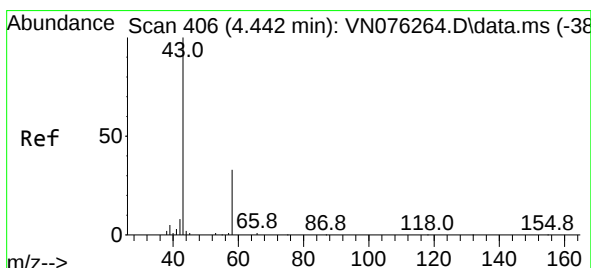
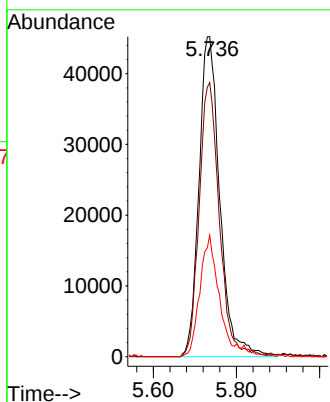
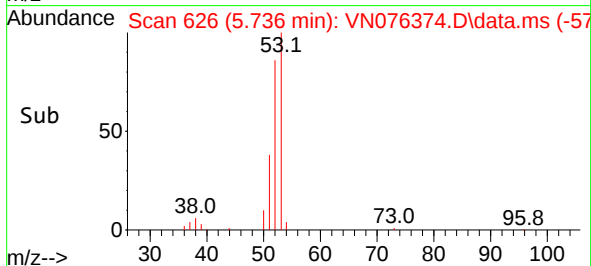
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 53 Resp: 157630
Ion Ratio Lower Upper
53 100
52 82.8 64.7 97.1
51 36.4 29.2 43.8

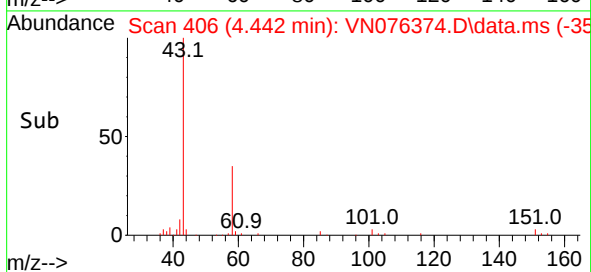
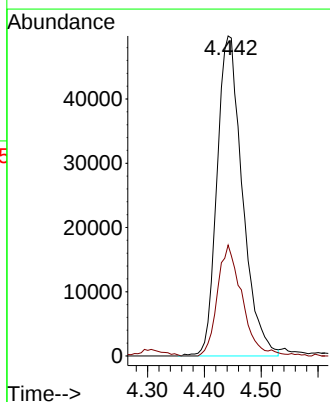
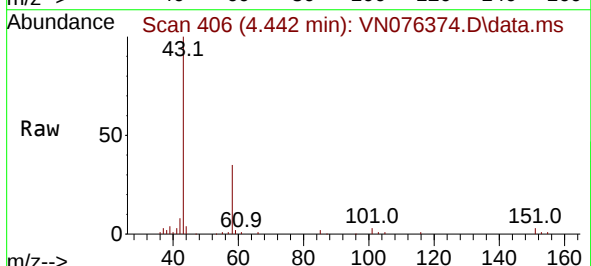
Manual Integrations
APPROVED

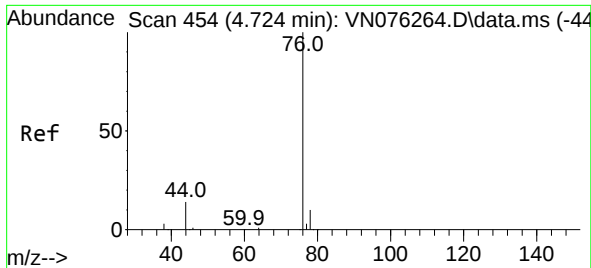
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#16
Acetone
Concen: 111.130 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

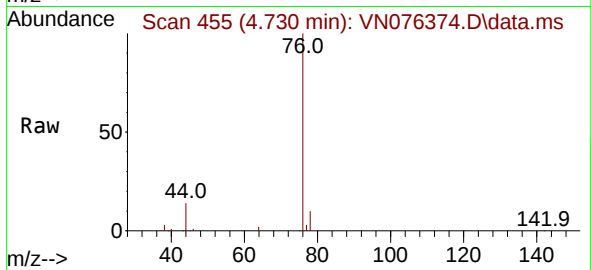
Tgt Ion: 43 Resp: 154839
Ion Ratio Lower Upper
43 100
58 34.3 26.7 40.1





#17
Carbon Disulfide
Concen: 16.672 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

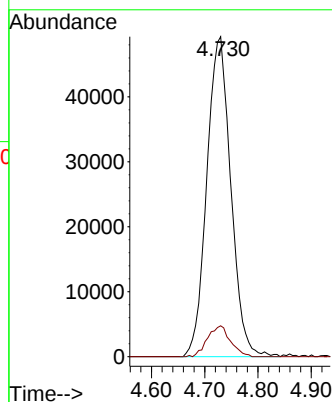
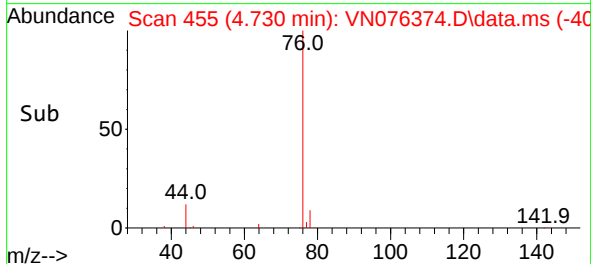
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 76 Resp: 154284
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0

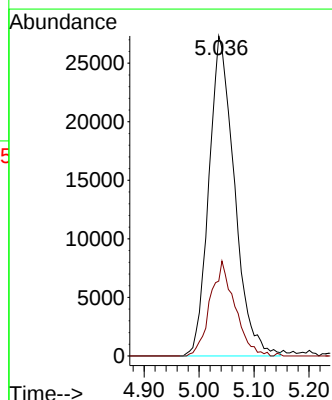
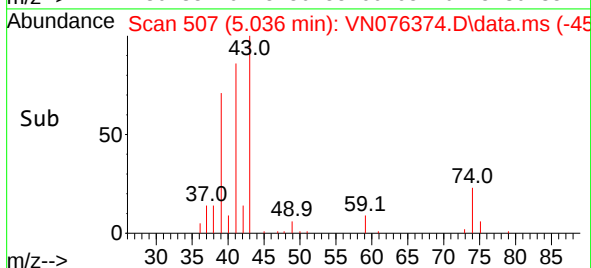
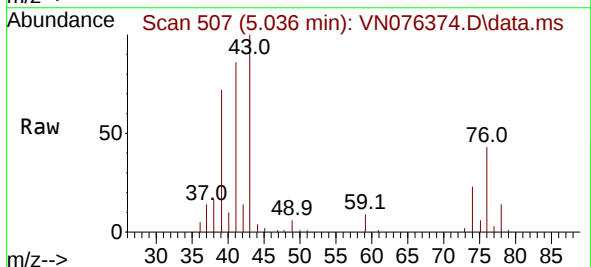
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#18
Methyl Acetate
Concen: 18.697 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 43 Resp: 88255
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9





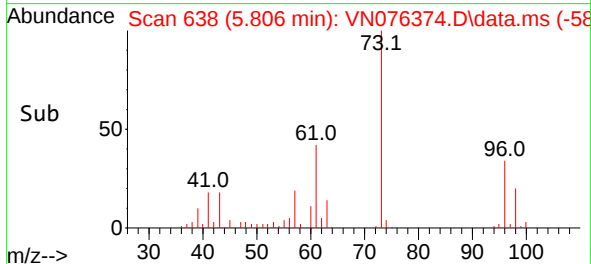
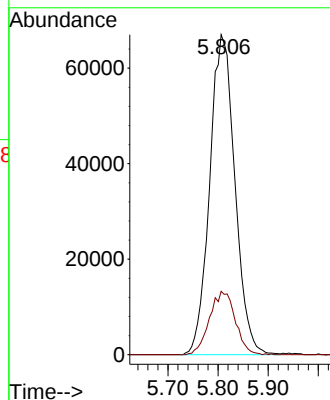
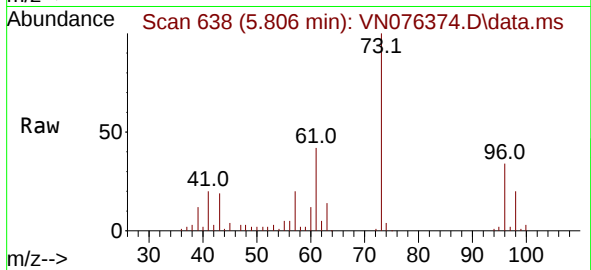
#19
Methyl tert-butyl Ether
Concen: 19.354 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 73 Resp: 234179
Ion Ratio Lower Upper
73 100
57 19.8 15.9 23.9

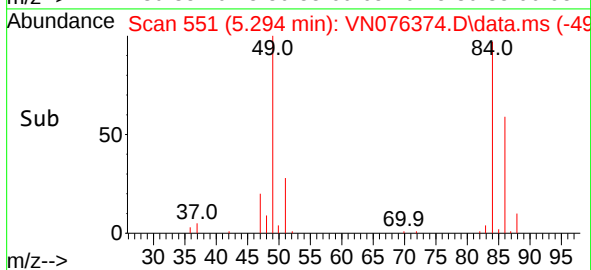
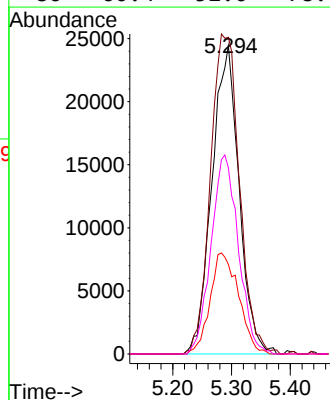
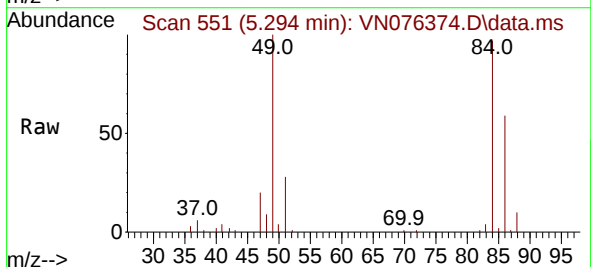
Manual Integrations
APPROVED

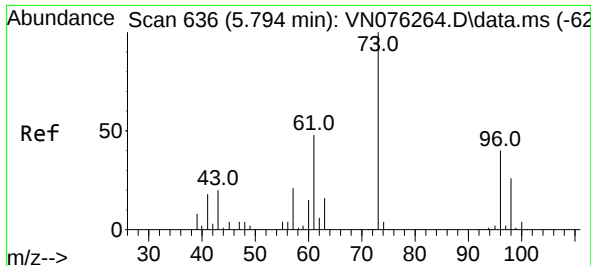
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 18.601 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

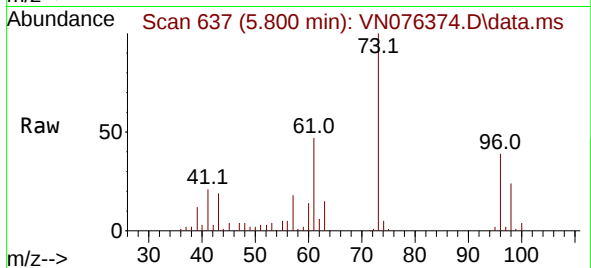
Tgt Ion: 84 Resp: 78222
Ion Ratio Lower Upper
84 100
49 102.7 84.5 126.7
51 29.1 26.0 39.0
86 60.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.852 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

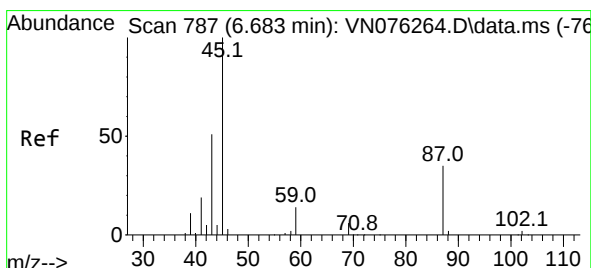
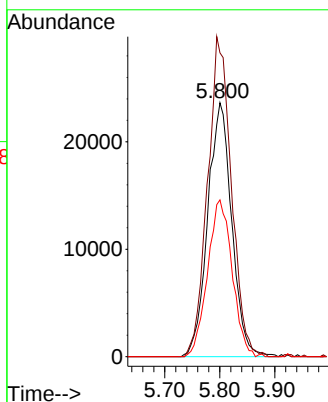
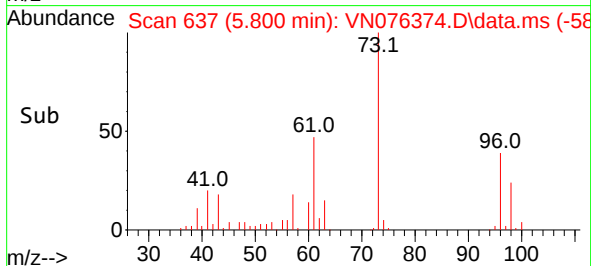
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 96 Resp: 71879
Ion Ratio Lower Upper
96 100
61 119.7 97.0 145.4
98 61.7 51.9 77.9

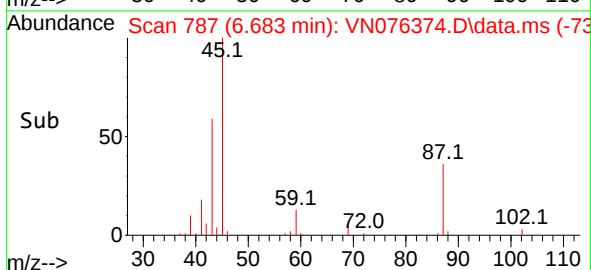
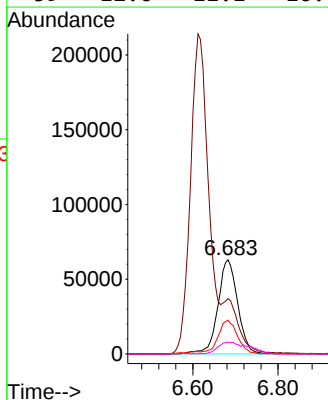
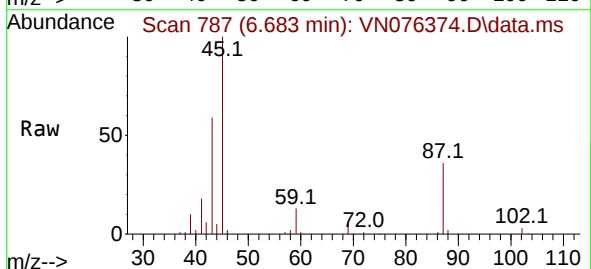
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 19.927 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 45 Resp: 203535
Ion Ratio Lower Upper
45 100
43 57.7 44.4 66.6
87 35.5 28.4 42.6
59 12.6 11.1 16.7





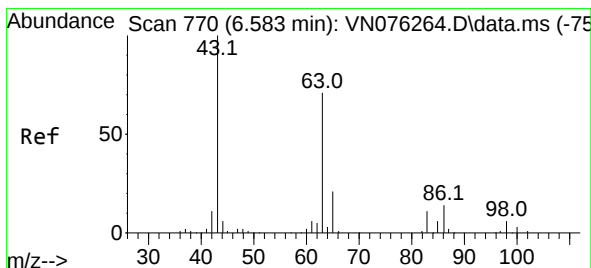
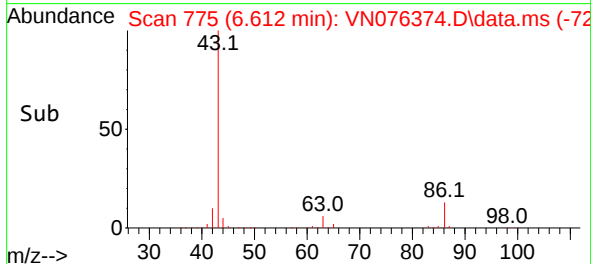
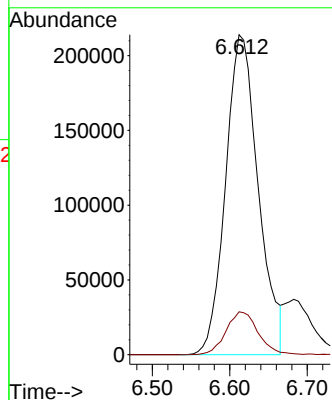
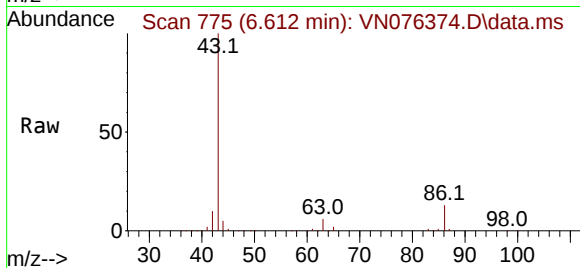
#23
 Vinyl Acetate
 Concen: 95.249 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076374.D
 Acq: 24 Jan 2023 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01

Tgt Ion: 43 Resp: 628768
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

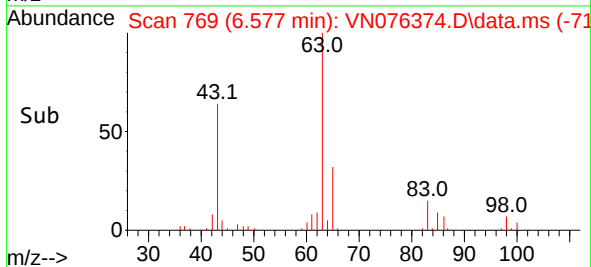
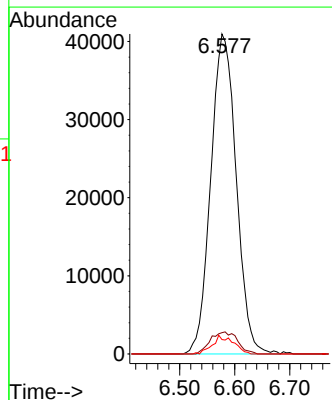
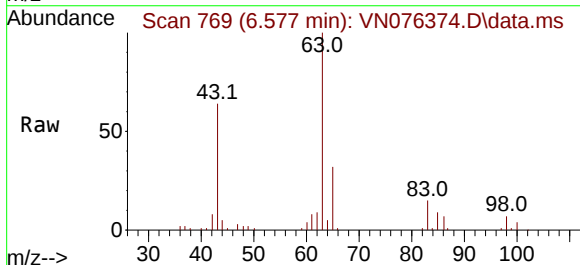
Manual Integrations
 APPROVED

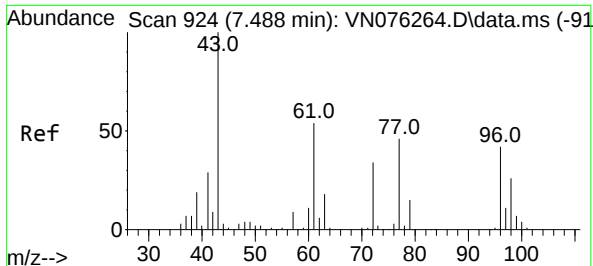
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#24
 1,1-Dichloroethane
 Concen: 19.349 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076374.D
 Acq: 24 Jan 2023 11:28

Tgt Ion: 63 Resp: 131737
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 97.270 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 43 Resp: 206910

Ion Ratio Lower Upper

43 100

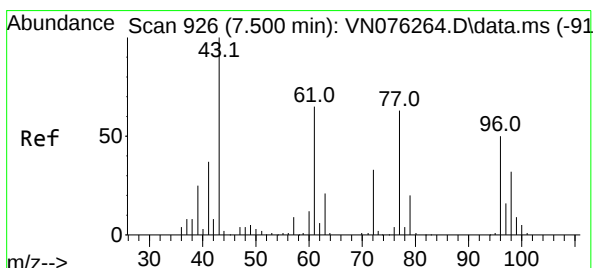
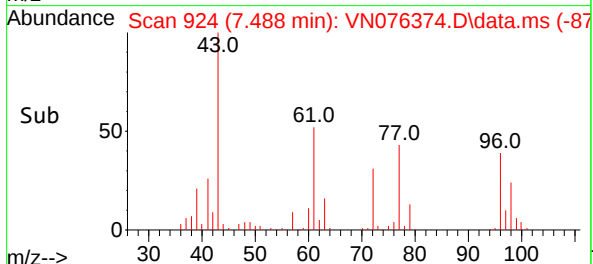
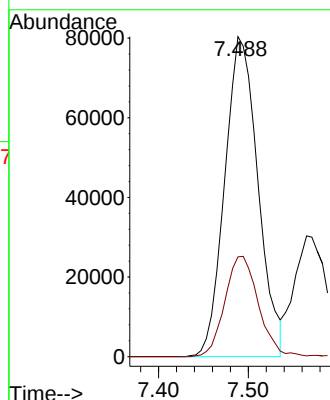
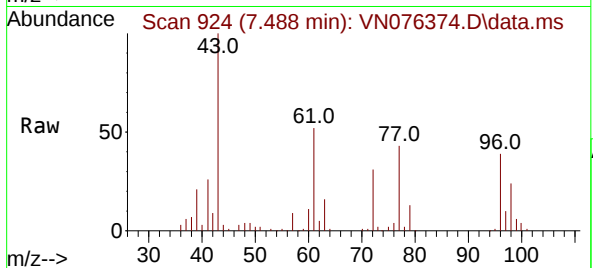
72 31.2 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#26

2,2-Dichloropropane

Concen: 19.316 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076374.D

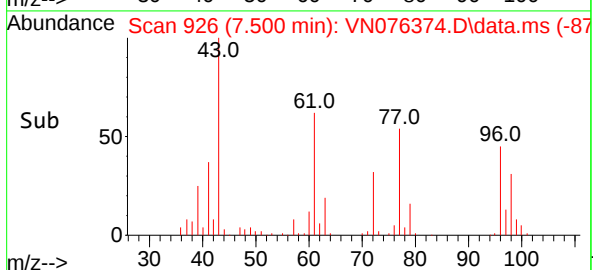
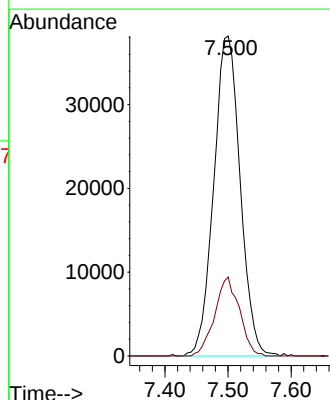
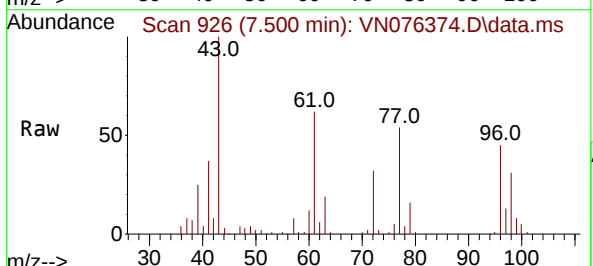
Acq: 24 Jan 2023 11:28

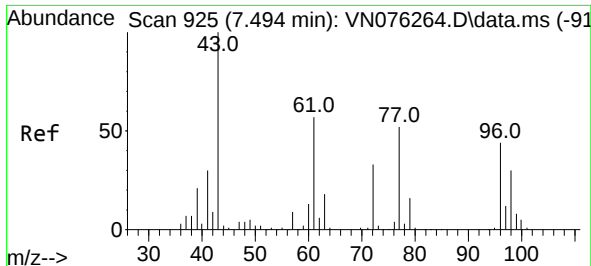
Tgt Ion: 77 Resp: 110843

Ion Ratio Lower Upper

77 100

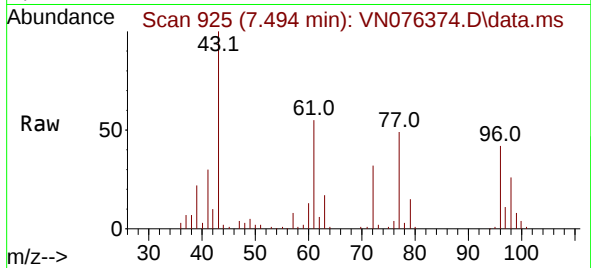
97 23.1 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.534 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076374.D
 Acq: 24 Jan 2023 11:28

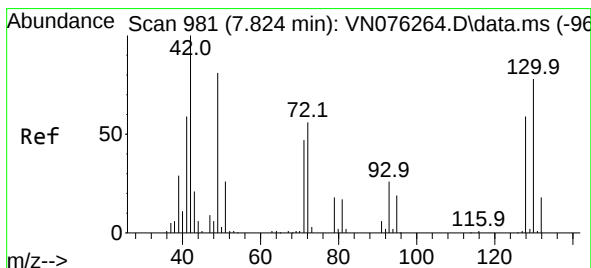
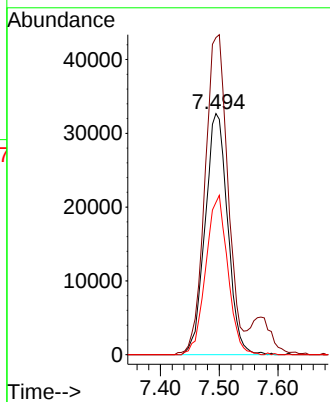
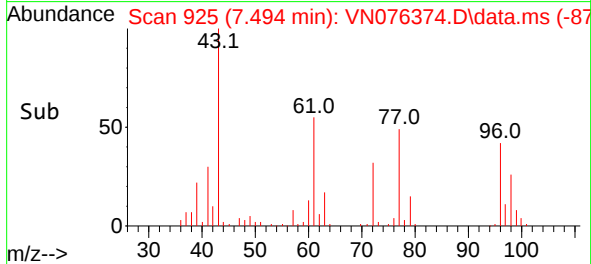
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBS01



Tgt Ion: 96 Resp: 8703
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 259.6
 98 64.6 0.0 129.4

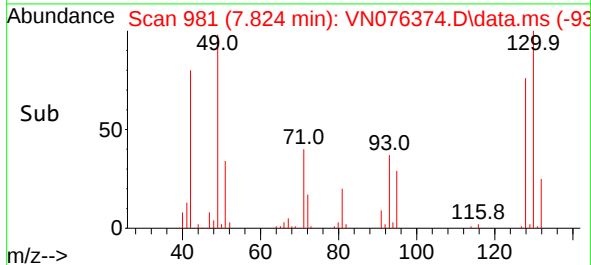
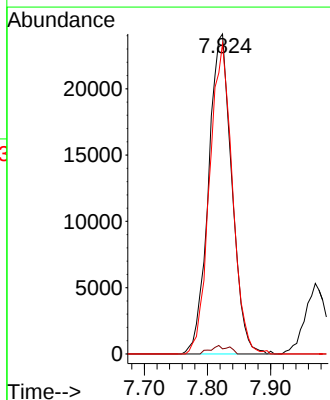
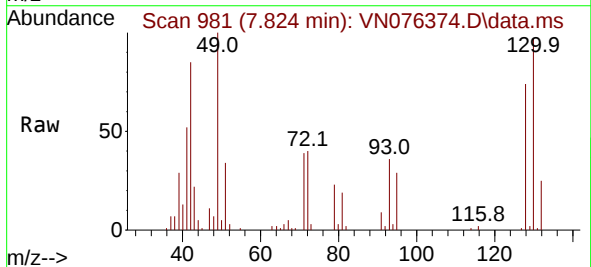
Manual Integrations
 APPROVED

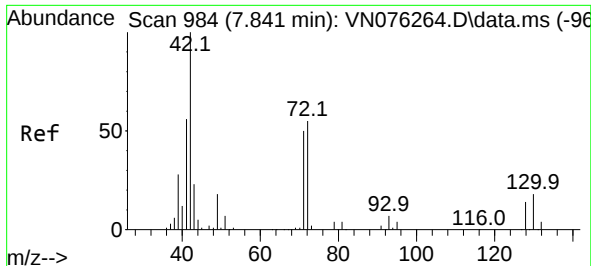
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#28
 Bromochloromethane
 Concen: 22.443 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076374.D
 Acq: 24 Jan 2023 11:28

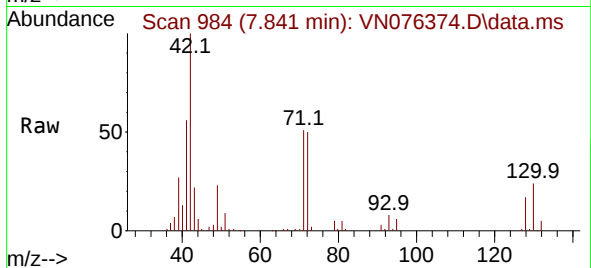
Tgt Ion: 49 Resp: 61934
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 94.7 76.0 114.0





#29
Tetrahydrofuran
Concen: 96.233 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

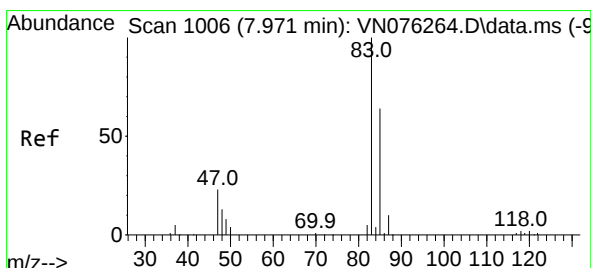
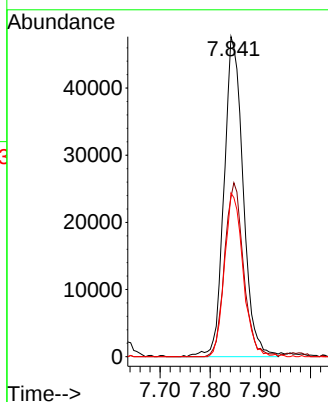
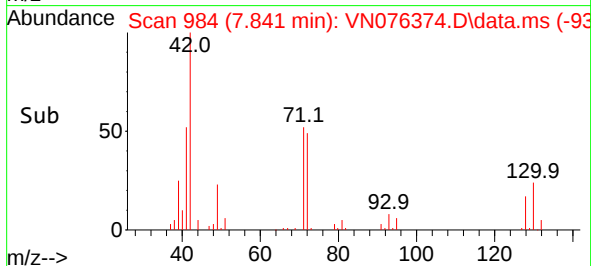
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



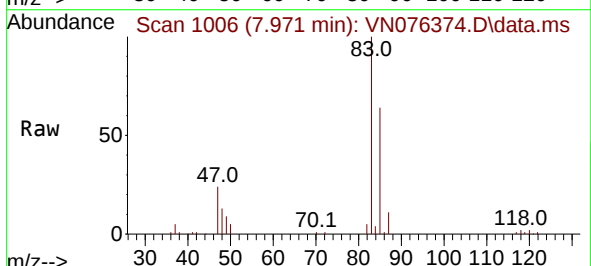
Tgt Ion: 42 Resp: 12634
Ion Ratio Lower Upper
42 100
72 53.7 44.0 66.0
71 49.8 41.1 61.7

Manual Integrations
APPROVED

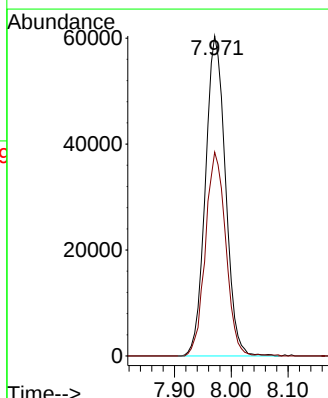
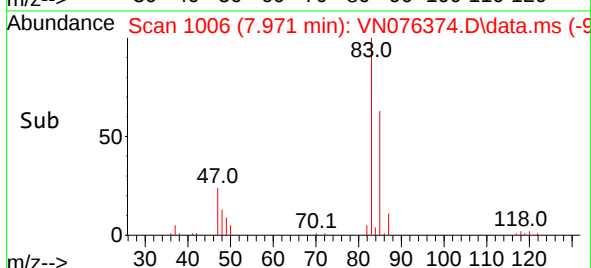
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

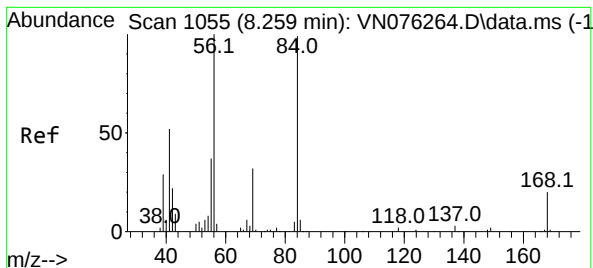


#30
Chloroform
Concen: 19.602 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion: 83 Resp: 147674
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.6





#31

Cyclohexane

Concen: 17.294 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 56 Resp: 11542

Ion Ratio Lower Upper

56 100

69 29.4 25.8 38.8

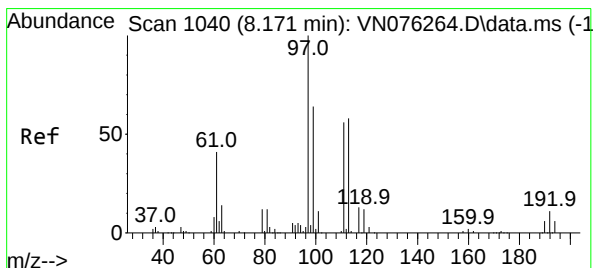
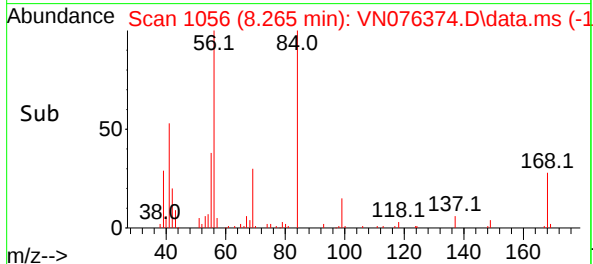
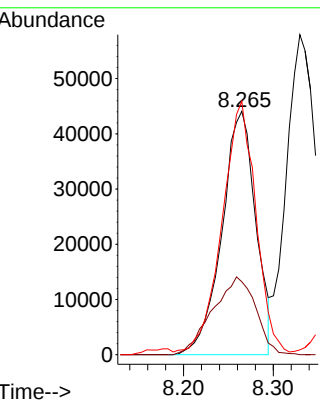
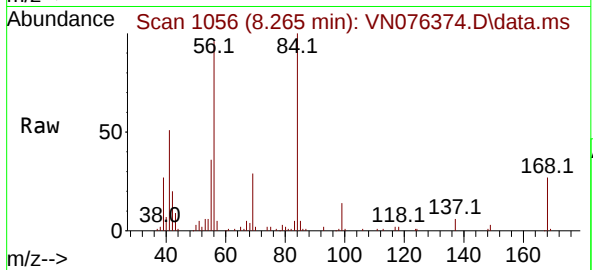
84 101.8 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#32

1,1,1-Trichloroethane

Concen: 19.066 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

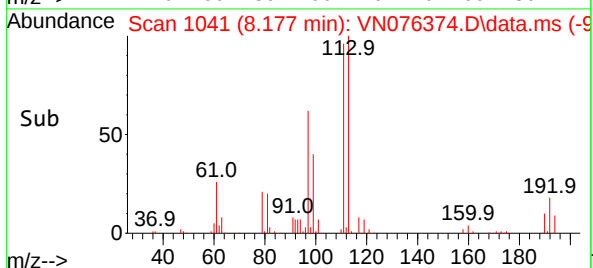
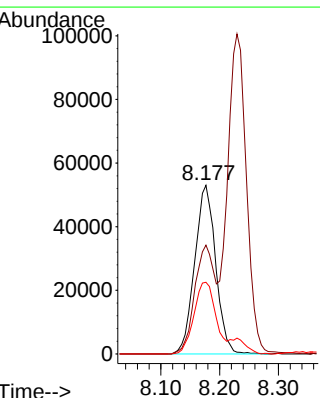
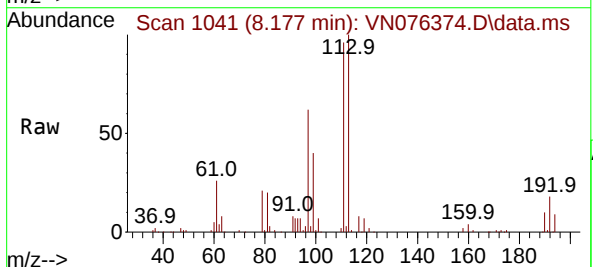
Tgt Ion: 97 Resp: 131136

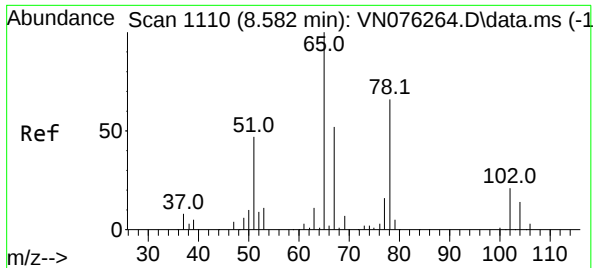
Ion Ratio Lower Upper

97 100

99 60.5 55.0 82.4

61 44.2 36.2 54.4





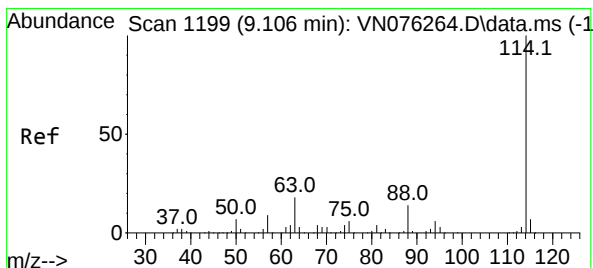
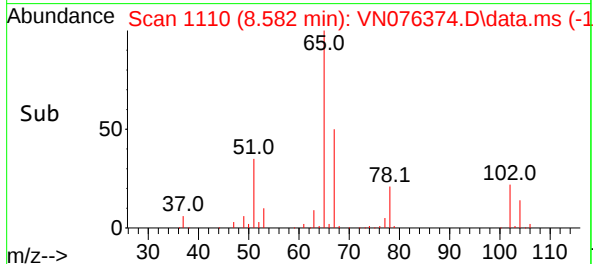
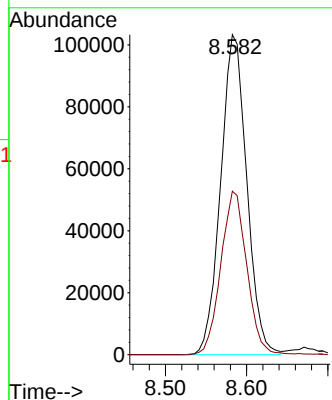
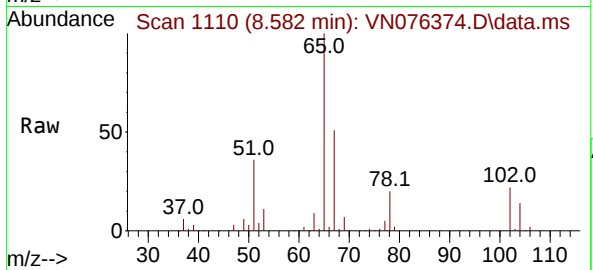
#33
1,2-Dichloroethane-d4
Concen: 53.104 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 65 Resp: 230723
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6

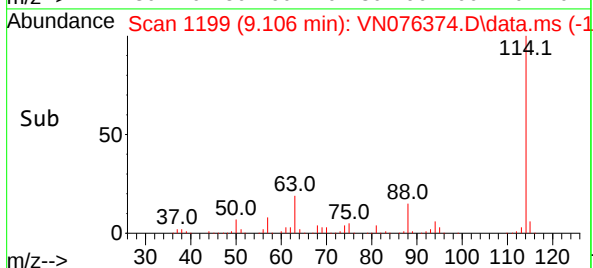
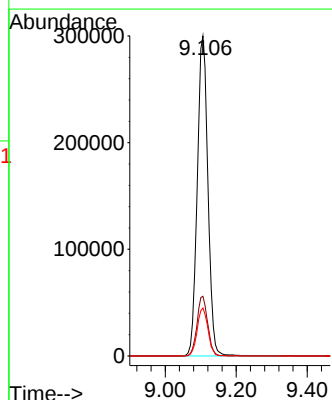
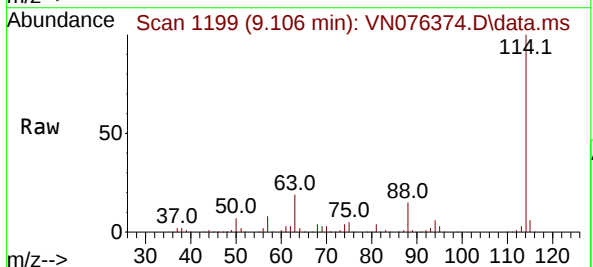
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
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: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:114 Resp: 625914
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.8
88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 52.057 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion:113 Resp: 20382

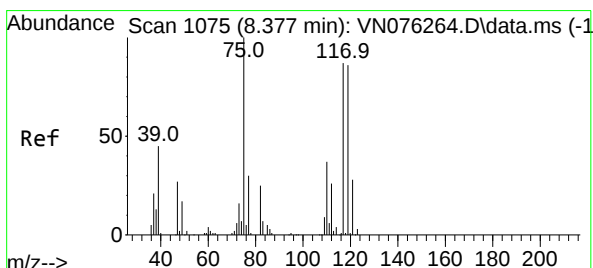
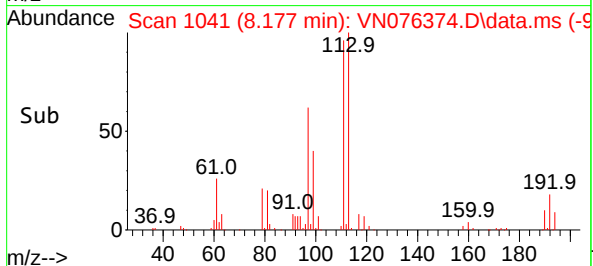
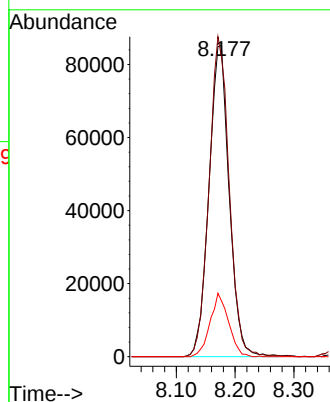
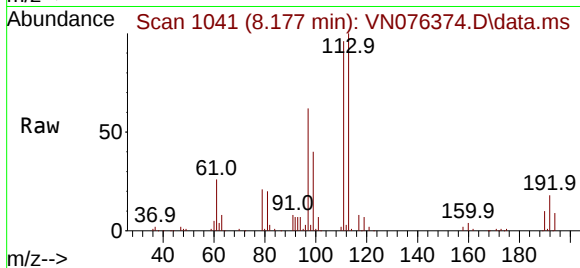
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	18.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#36

1,1-Dichloropropene

Concen: 18.253 ug/l

RT: 8.377 min Scan# 1075

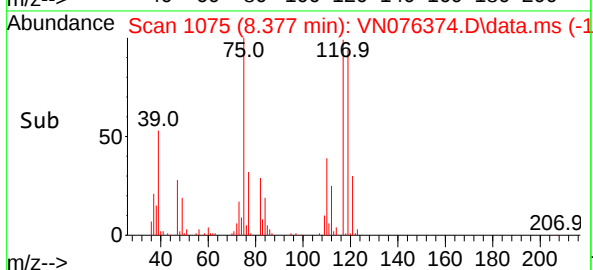
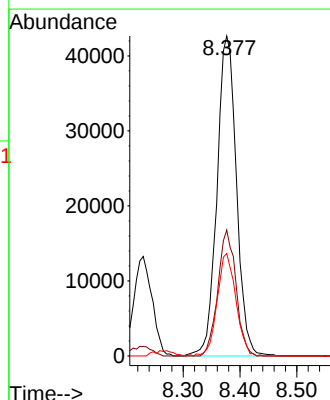
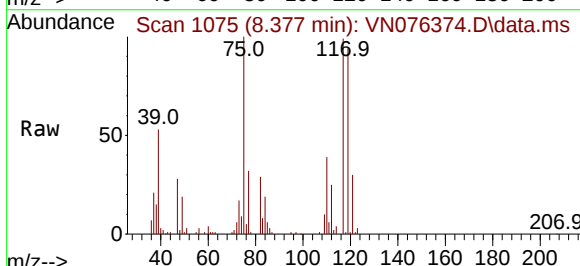
Delta R.T. -0.000 min

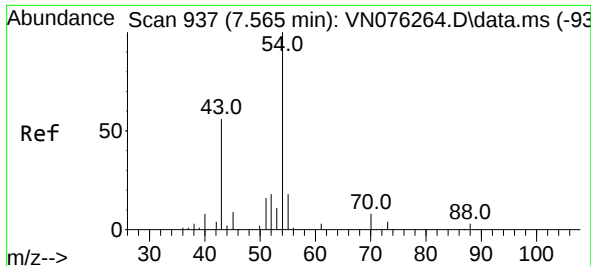
Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Tgt Ion: 75 Resp: 101553

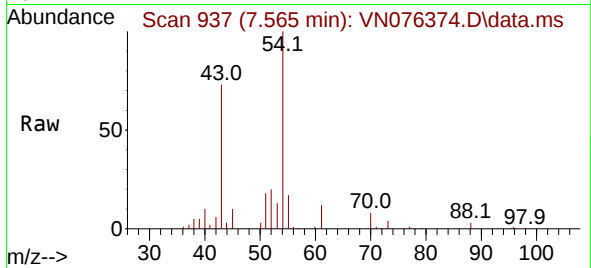
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.8	56.3
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 17.872 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

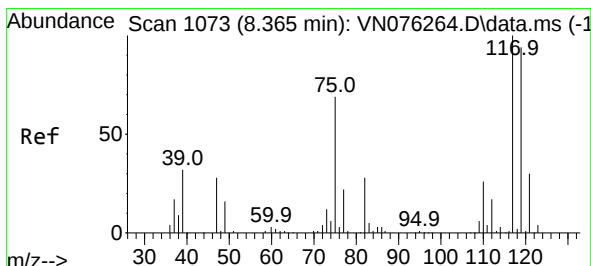
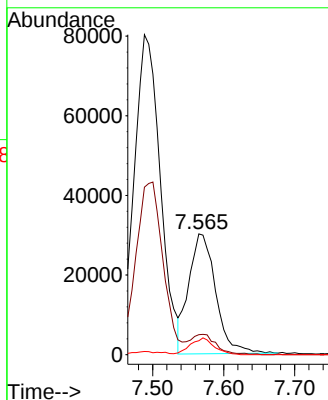
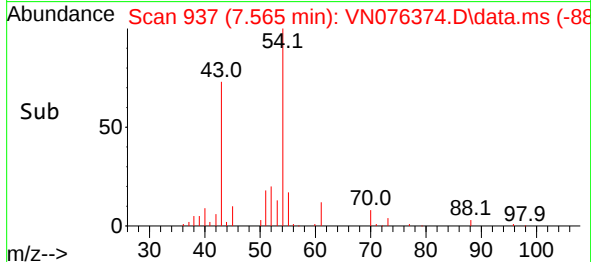
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 43 Resp: 79650
Ion Ratio Lower Upper
43 100
61 15.6 11.1 16.7
70 12.2 10.0 15.0

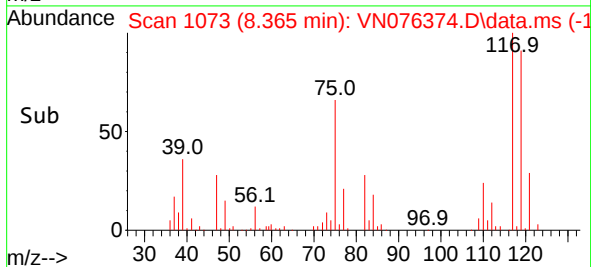
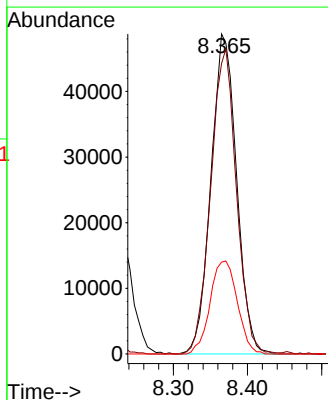
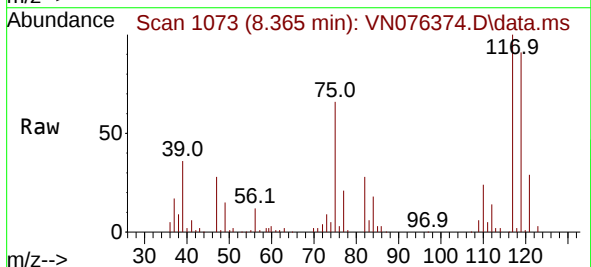
Manual Integrations
APPROVED

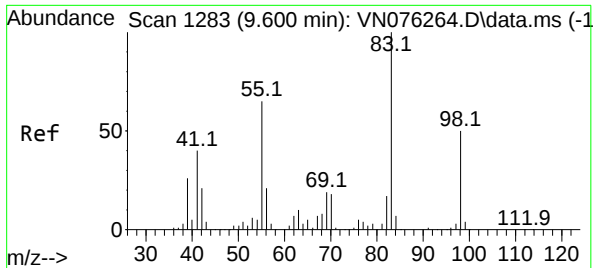
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 18.878 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

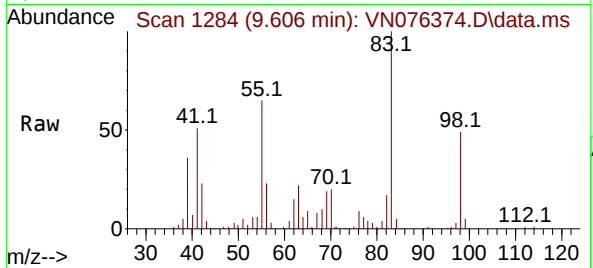
Tgt Ion:117 Resp: 117127
Ion Ratio Lower Upper
117 100
119 90.7 75.4 113.0
121 28.7 24.2 36.2





#39
Methylcyclohexane
Concen: 18.392 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

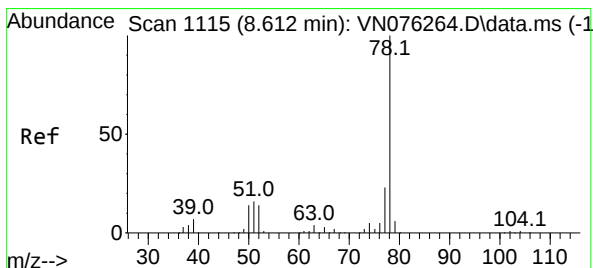
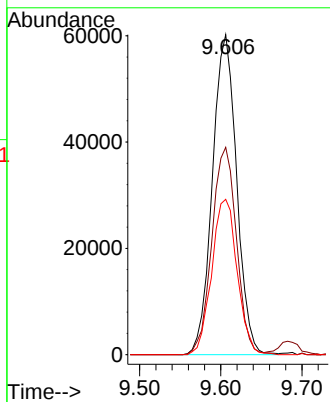
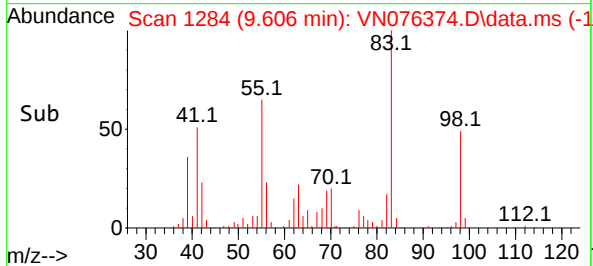
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 83 Resp: 124958
Ion Ratio Lower Upper
83 100
55 64.8 51.7 77.5
98 48.6 40.0 60.0

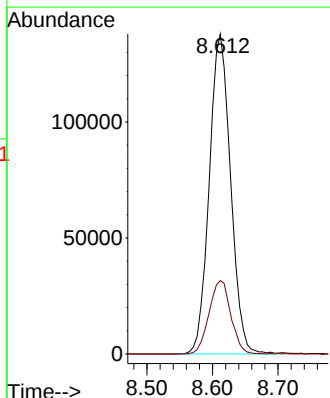
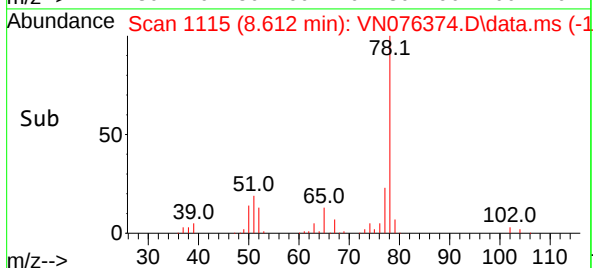
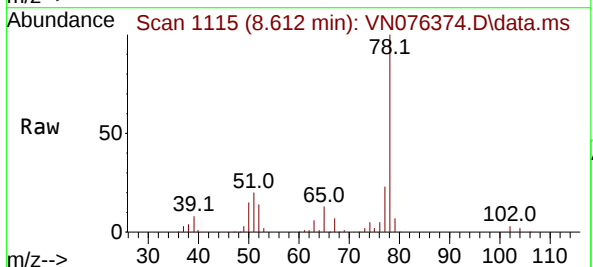
Manual Integrations
APPROVED

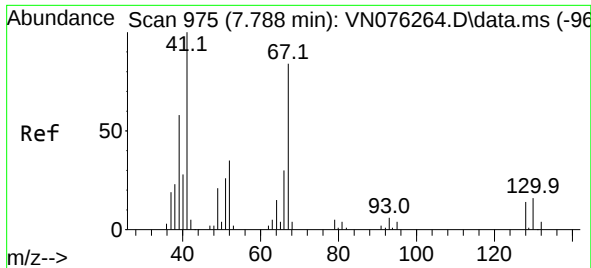
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#40
Benzene
Concen: 18.703 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 78 Resp: 311144
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0





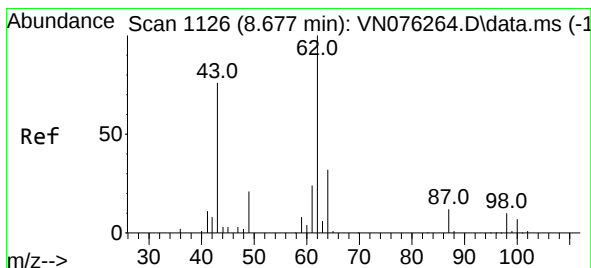
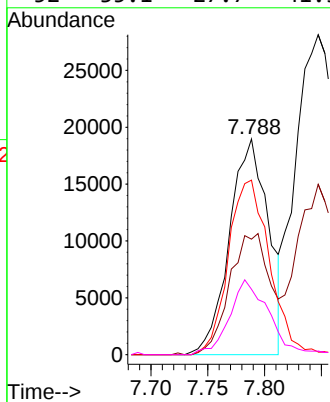
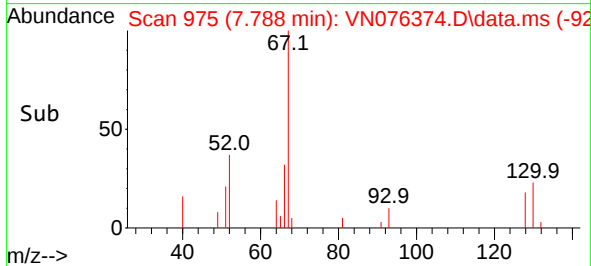
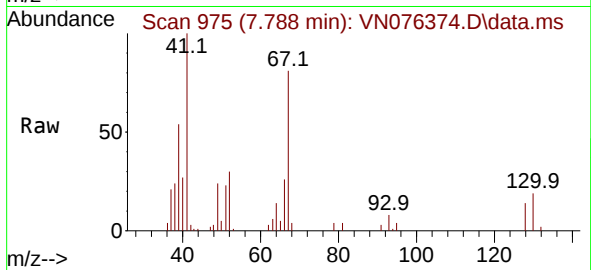
#41
Methacrylonitrile
Concen: 19.397 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 41 Resp: 4532
Ion Ratio Lower Upper
41 100
39 57.9 42.4 63.6
67 85.5 68.8 103.2
52 35.1 27.7 41.5

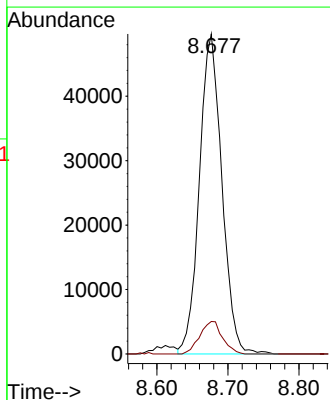
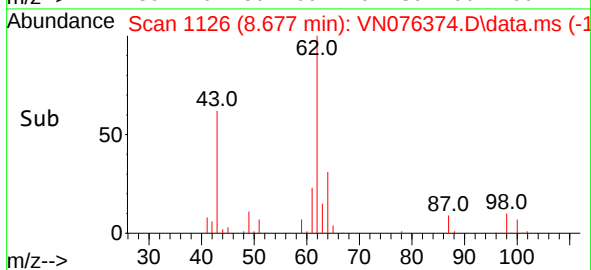
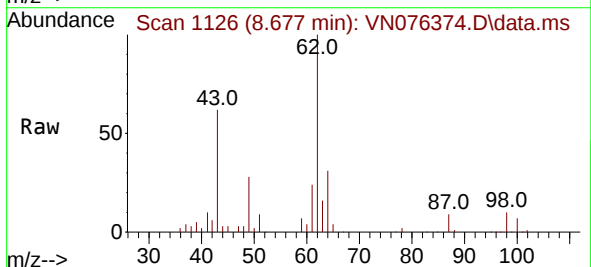
Manual Integrations
APPROVED

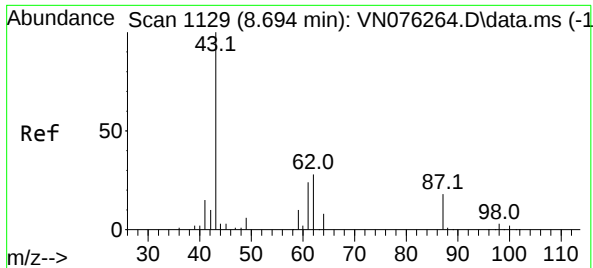
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#42
1,2-Dichloroethane
Concen: 19.228 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

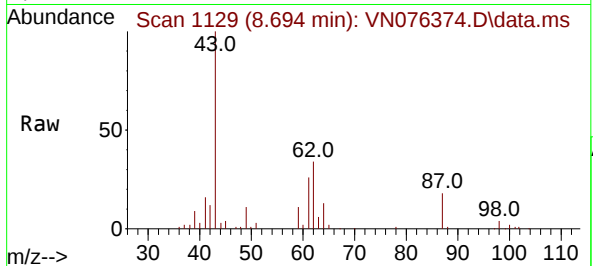
Tgt Ion: 62 Resp: 109445
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





#43
Isopropyl Acetate
Concen: 18.801 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

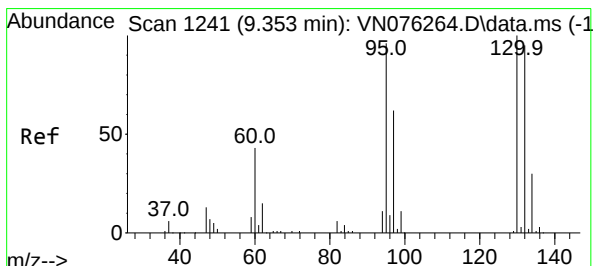
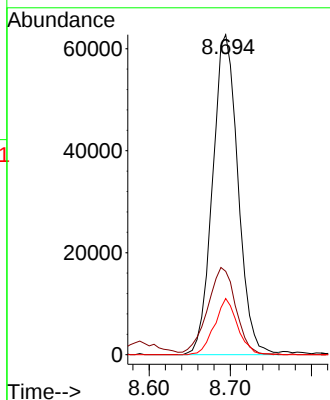
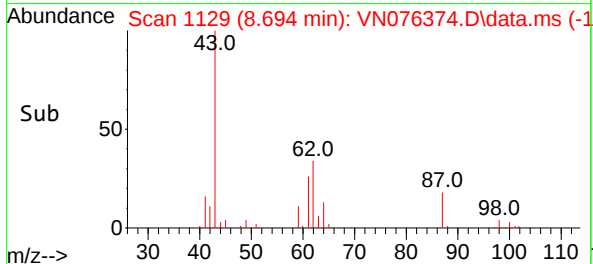
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 43 Resp: 136492
Ion Ratio Lower Upper
43 100
61 30.5 23.5 35.3
87 15.9 13.8 20.6

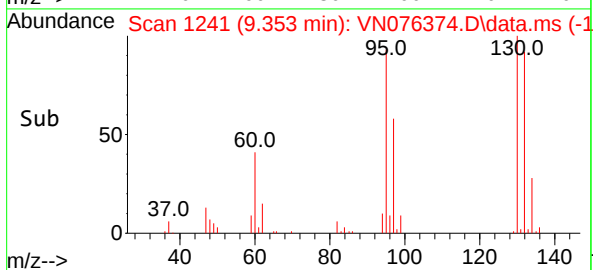
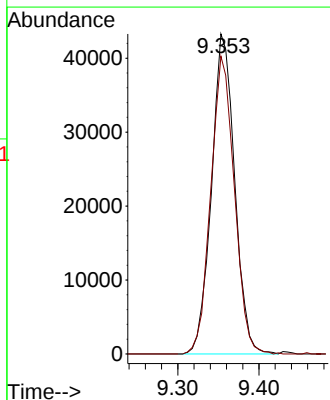
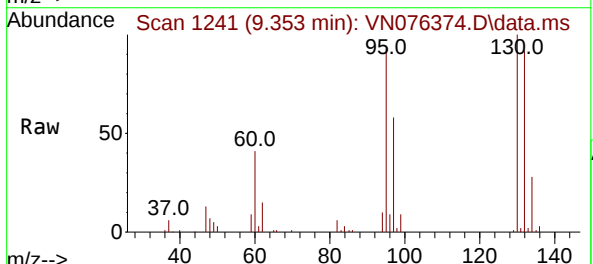
Manual Integrations
APPROVED

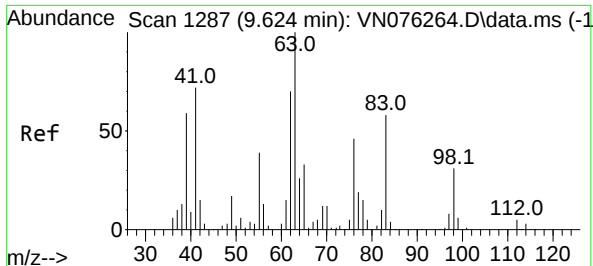
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#44
Trichloroethene
Concen: 18.232 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:130 Resp: 85788
Ion Ratio Lower Upper
130 100
95 93.1 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.154 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 63 Resp: 7629

Ion Ratio Lower Upper

63 100

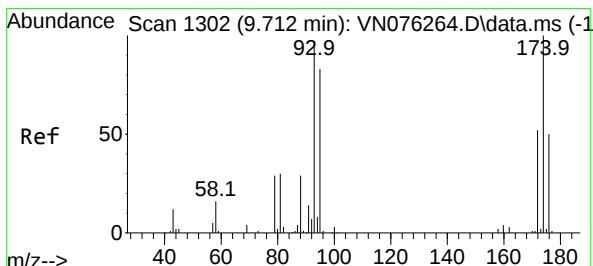
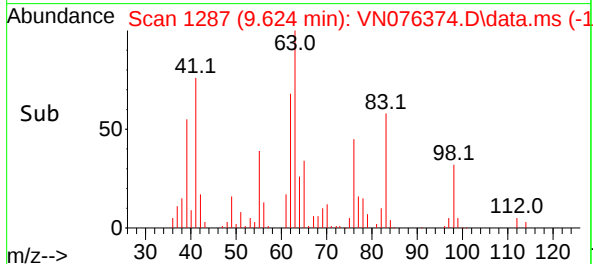
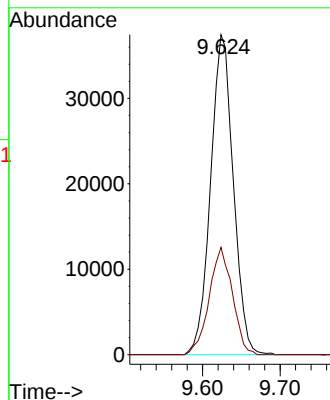
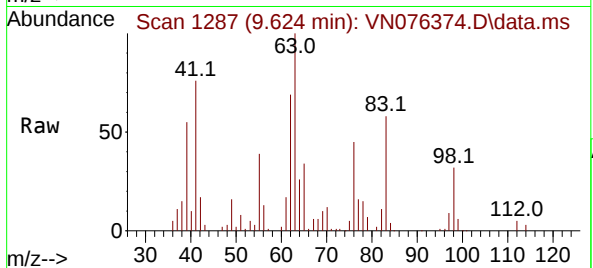
65 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#46

Dibromomethane

Concen: 18.652 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

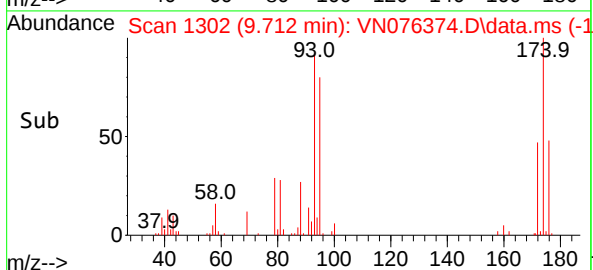
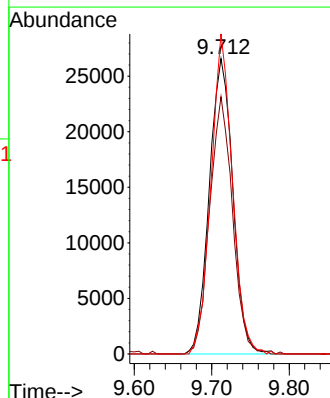
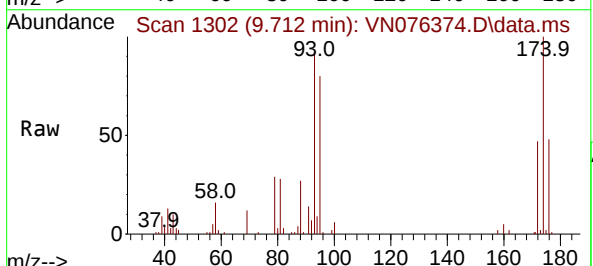
Tgt Ion: 93 Resp: 56092

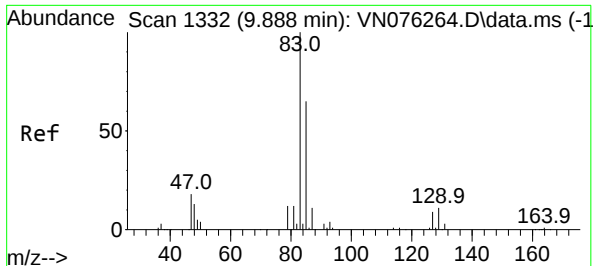
Ion Ratio Lower Upper

93 100

95 84.4 66.0 99.0

174 98.9 81.3 121.9





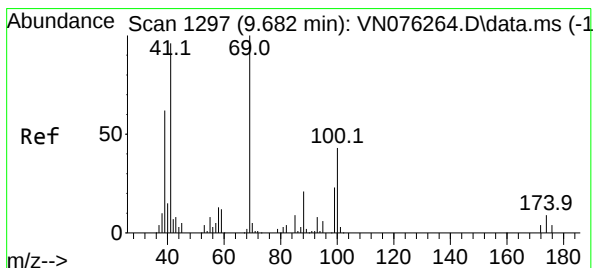
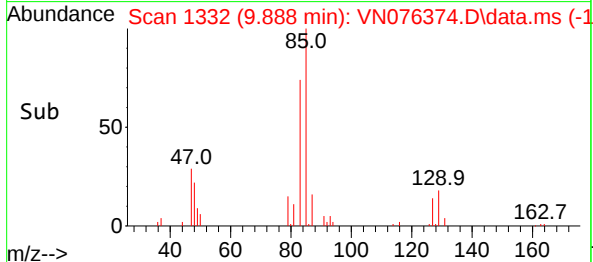
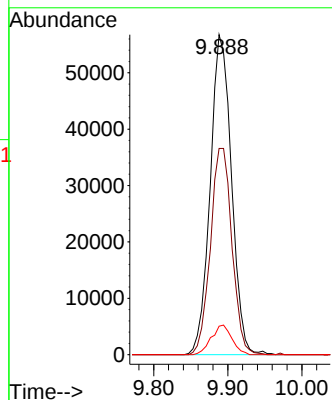
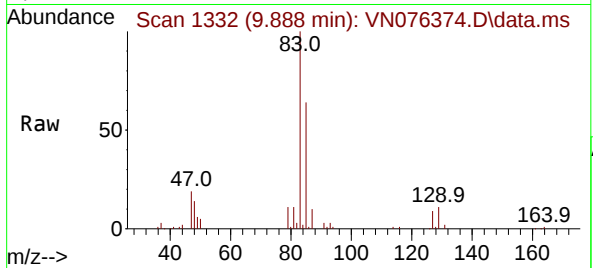
#47
Bromodichloromethane
Concen: 19.410 ug/l
RT: 9.888 min Scan# 113209
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 83 Resp: 113209
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1
127 8.9 7.4 11.0

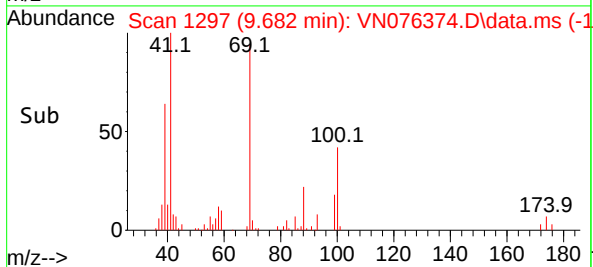
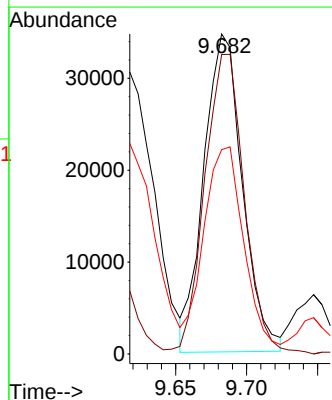
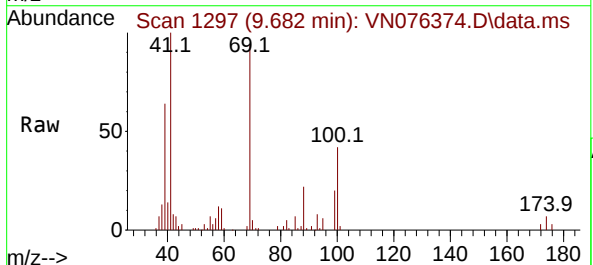
Manual Integrations
APPROVED

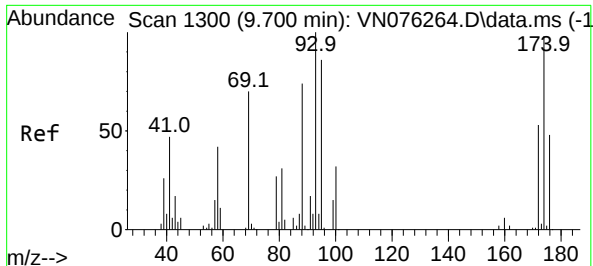
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#48
Methyl methacrylate
Concen: 19.039 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 41 Resp: 65434
Ion Ratio Lower Upper
41 100
69 96.8 80.8 121.2
39 68.8 54.4 81.6





#49

1,4-Dioxane

Concen: 382.794 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 88 Resp: 27760

Ion Ratio Lower Upper

88 100

43 28.7 18.1 27.1

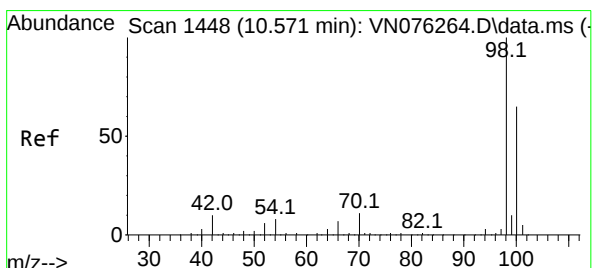
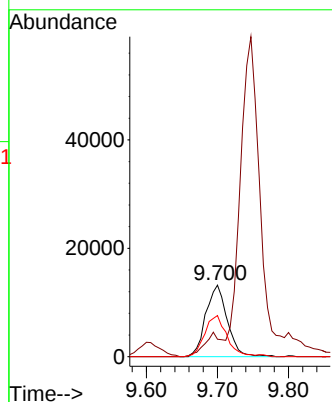
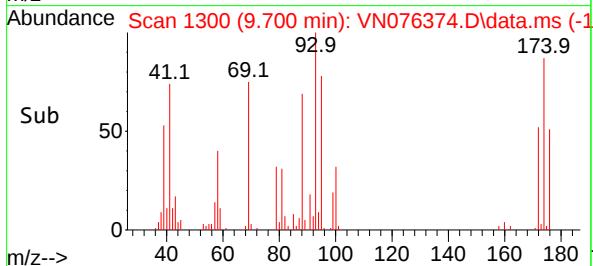
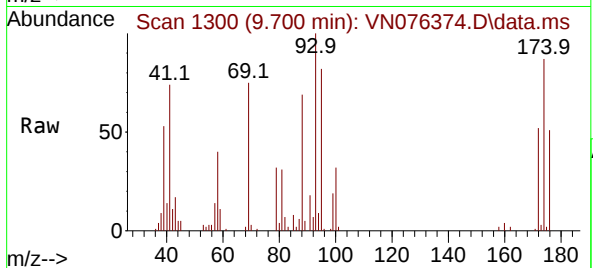
58 60.3 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 51.863 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076374.D

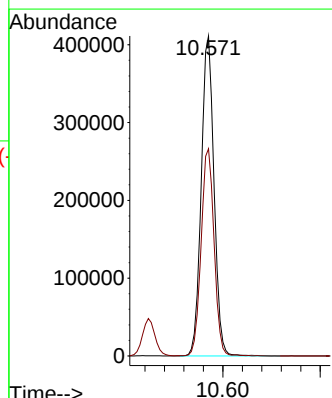
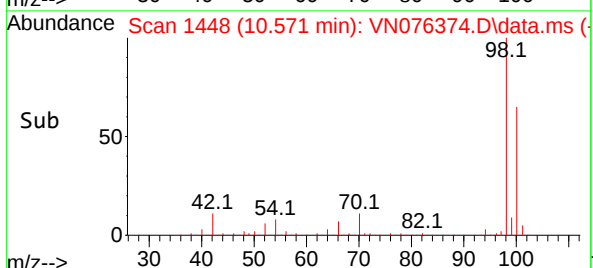
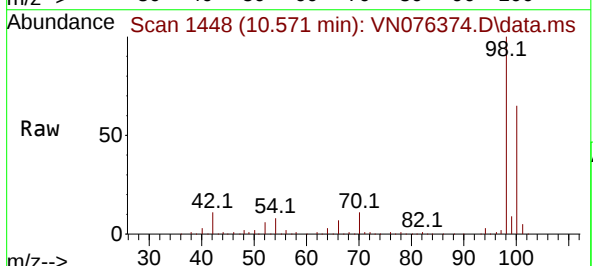
Acq: 24 Jan 2023 11:28

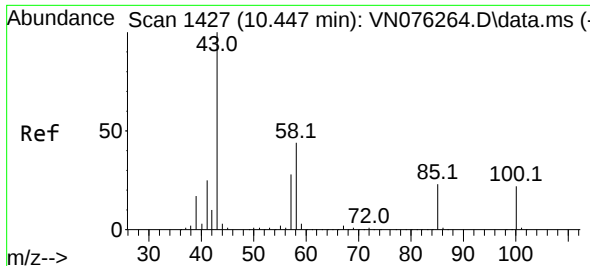
Tgt Ion: 98 Resp: 749925

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4





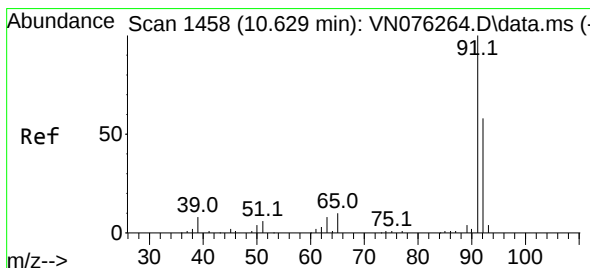
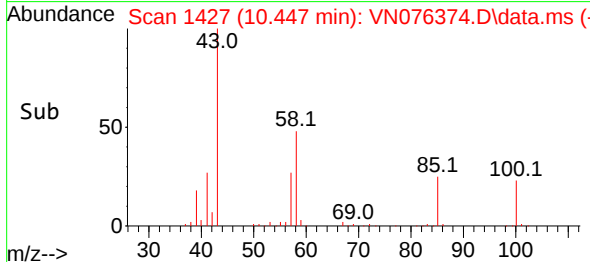
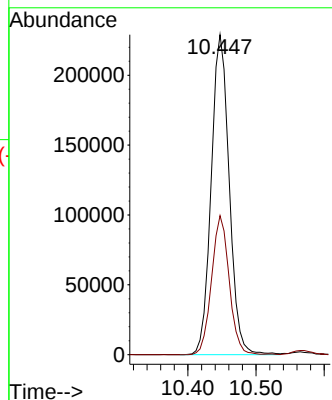
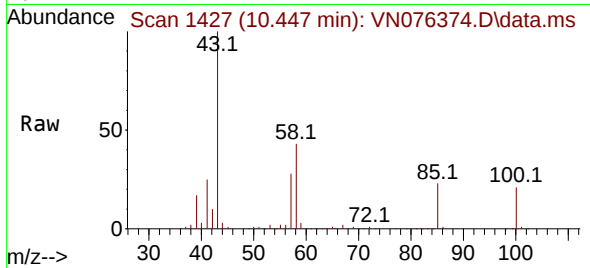
#51
4-Methyl-2-Pentanone
Concen: 98.998 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 43 Resp: 421899
Ion Ratio Lower Upper
43 100
58 42.6 35.1 52.7

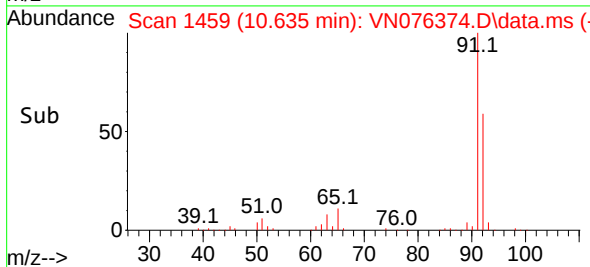
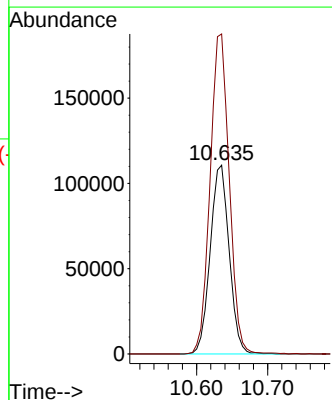
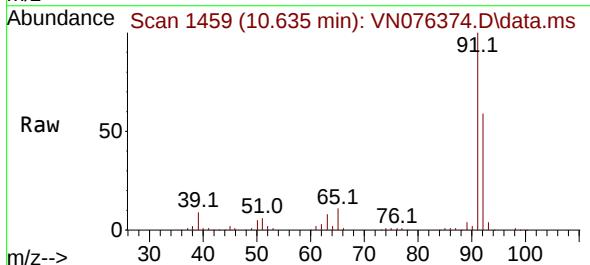
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#52
Toluene
Concen: 18.458 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 92 Resp: 205344
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0





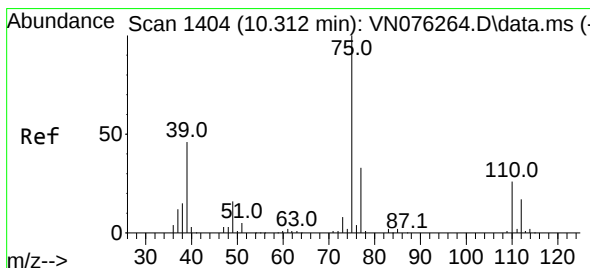
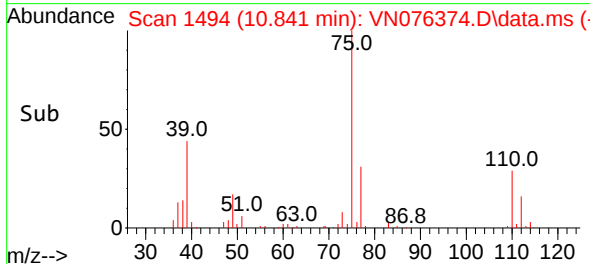
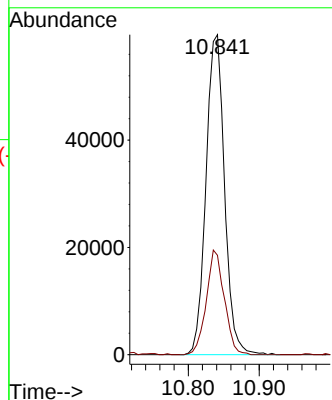
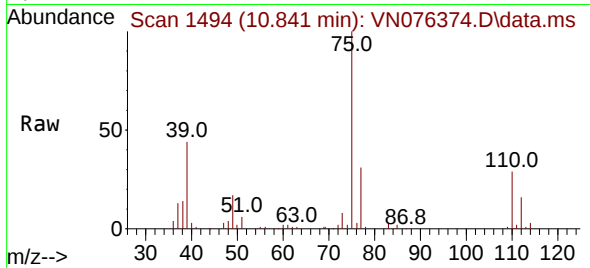
#53
t-1,3-Dichloropropene
Concen: 19.475 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 75 Resp: 108283
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

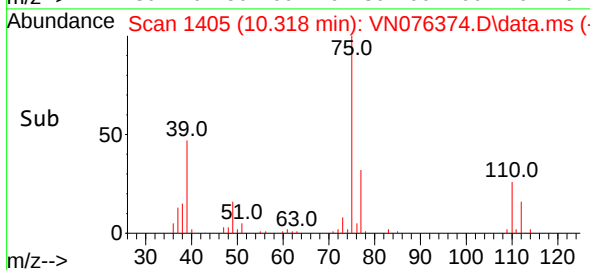
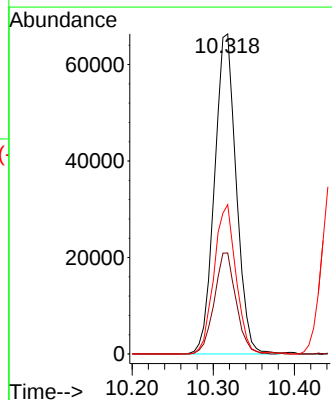
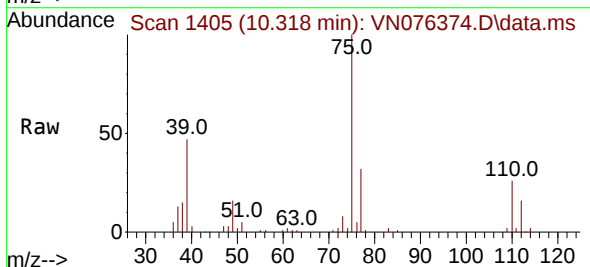
Manual Integrations
APPROVED

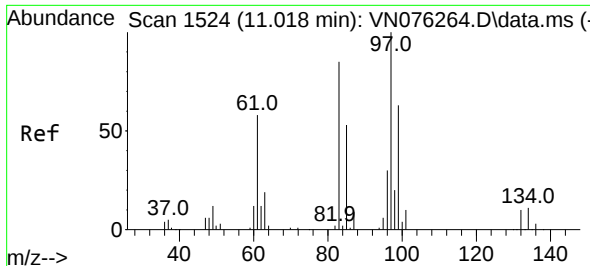
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#54
cis-1,3-Dichloropropene
Concen: 19.328 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

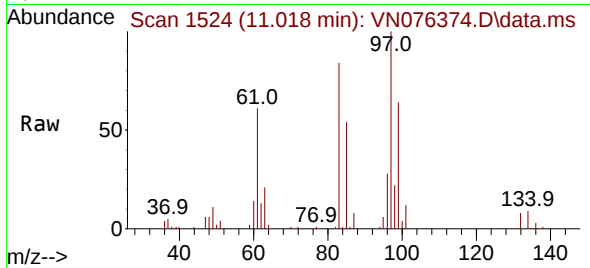
Tgt Ion: 75 Resp: 123634
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
39 46.7 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.377 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

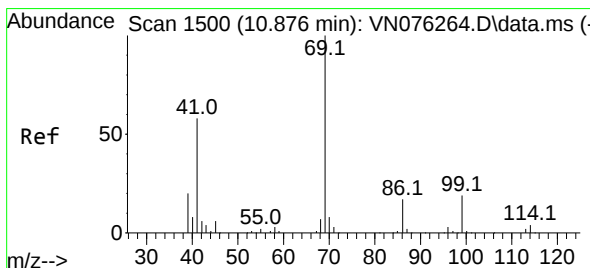
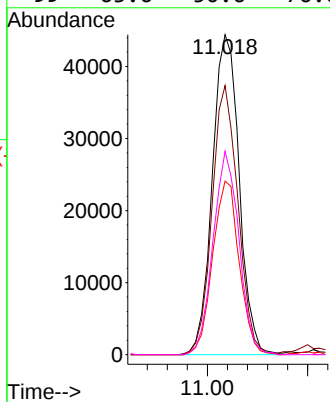
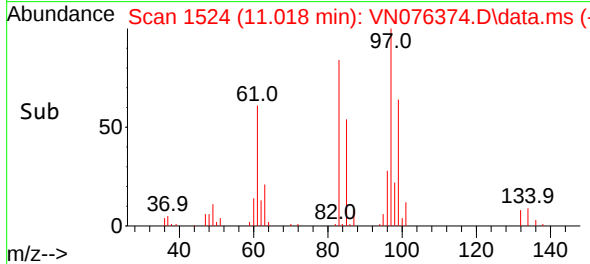
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



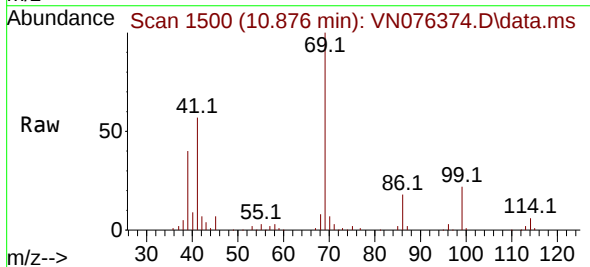
Tgt Ion: 97 Resp: 82399
Ion Ratio Lower Upper
97 100
83 84.1 67.8 101.6
85 54.3 42.3 63.5
99 63.6 50.6 76.0

Manual Integrations
APPROVED

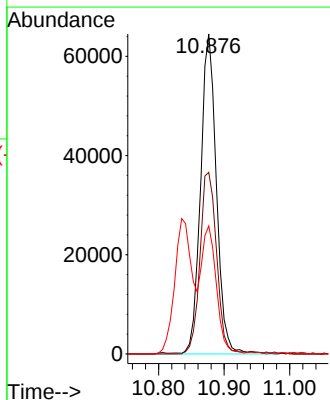
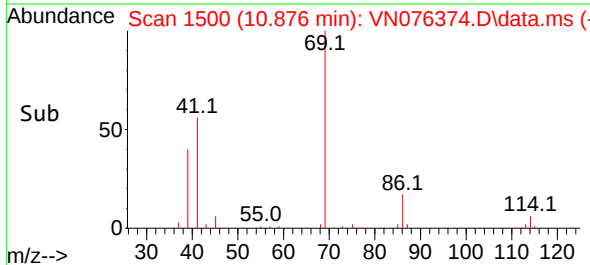
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

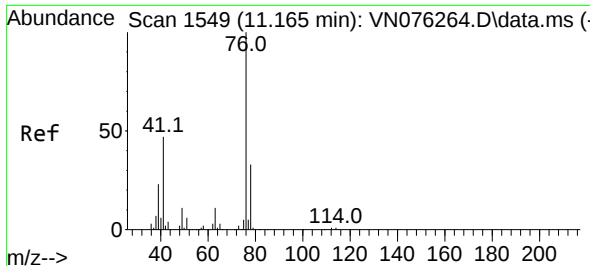


#56
Ethyl methacrylate
Concen: 19.763 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion: 69 Resp: 108498
Ion Ratio Lower Upper
69 100
41 58.8 45.3 67.9
39 37.0 29.3 43.9





#57

1,3-Dichloropropane

Concen: 19.032 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 76 Resp: 13152

Ion Ratio Lower Upper

76 100

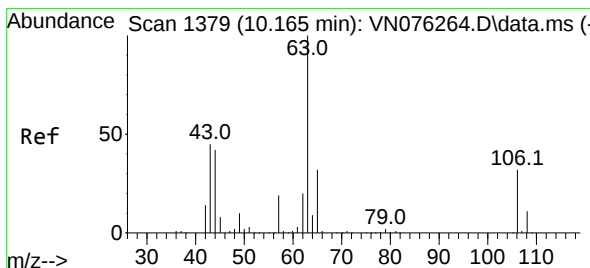
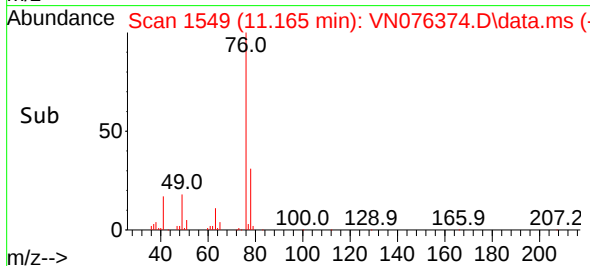
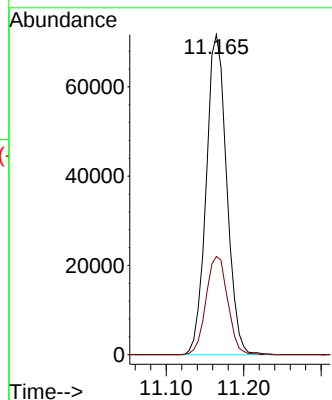
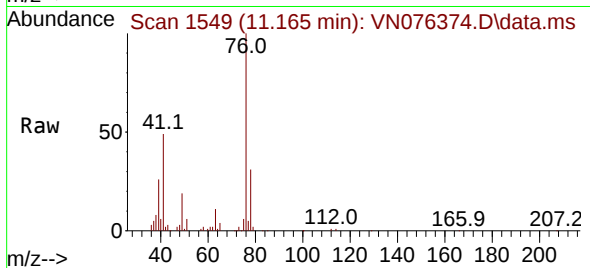
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 80.565 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076374.D

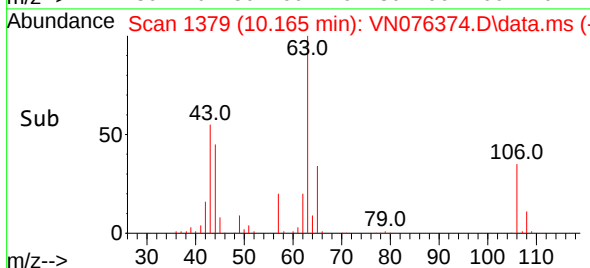
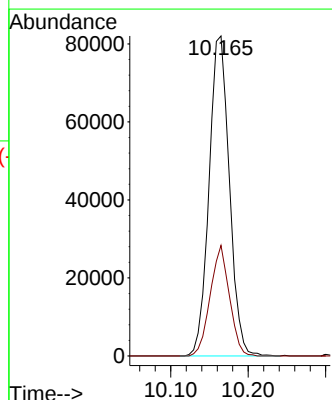
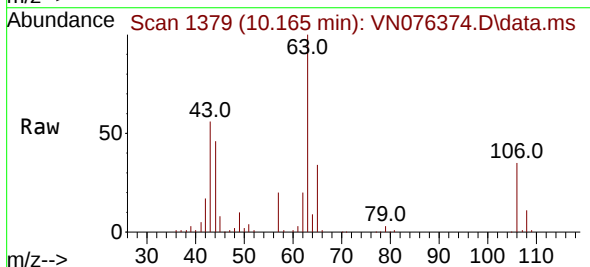
Acq: 24 Jan 2023 11:28

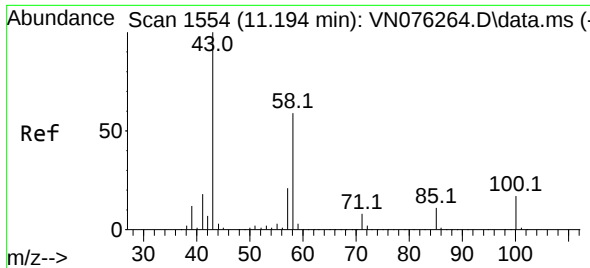
Tgt Ion: 63 Resp: 149317

Ion Ratio Lower Upper

63 100

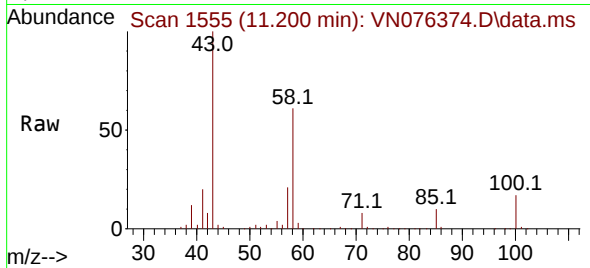
106 32.6 26.2 39.2





#59
2-Hexanone
Concen: 99.542 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

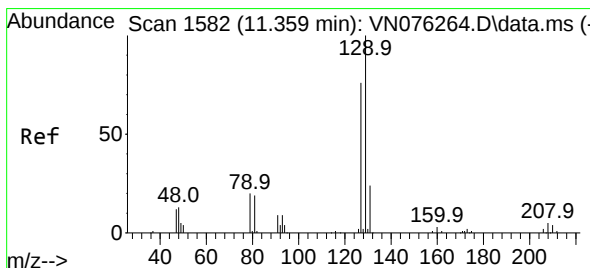
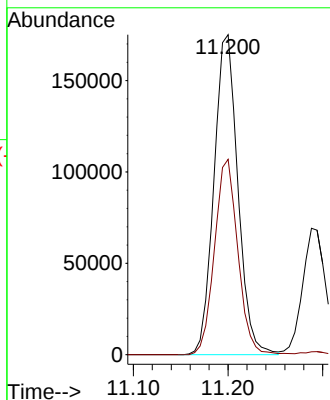
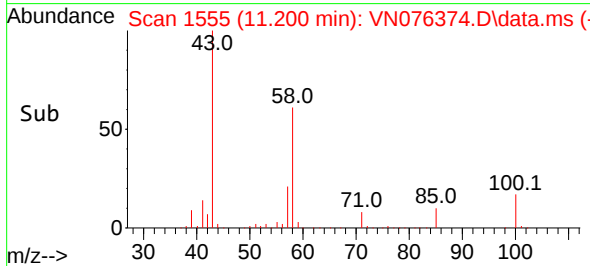
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 43 Resp: 307412
Ion Ratio Lower Upper
43 100
58 59.6 30.1 90.3

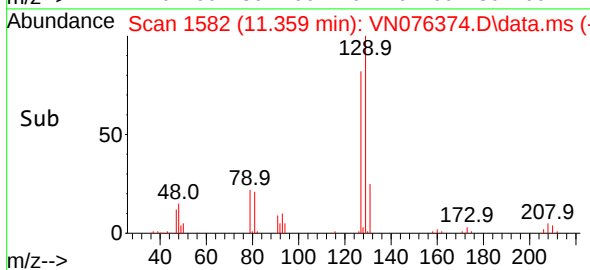
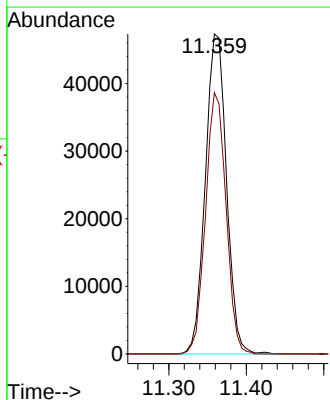
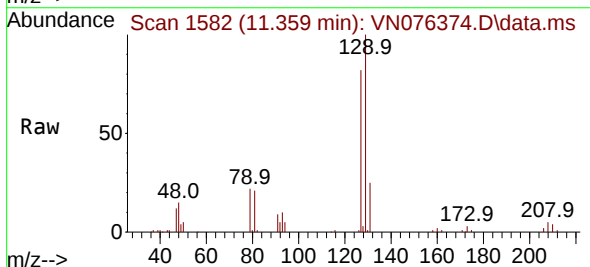
Manual Integrations
APPROVED

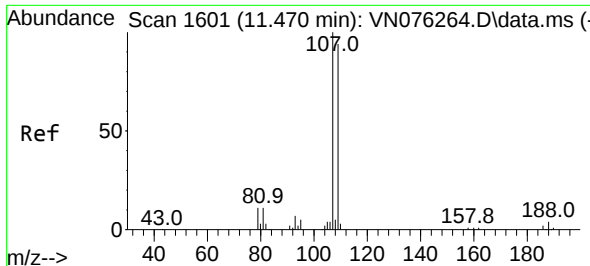
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#60
Dibromochloromethane
Concen: 20.066 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:129 Resp: 89826
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





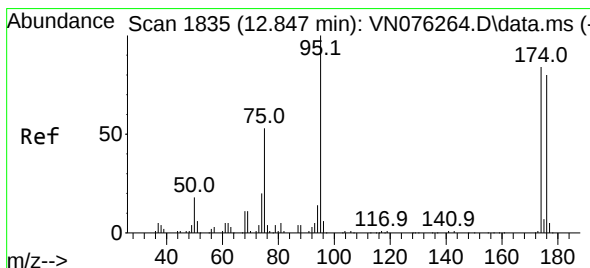
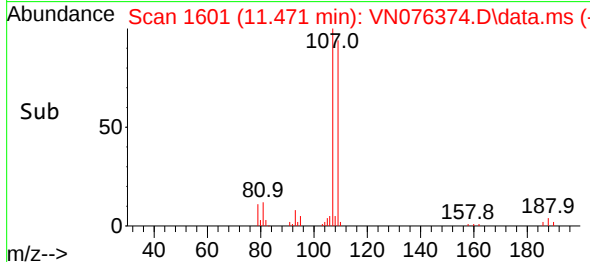
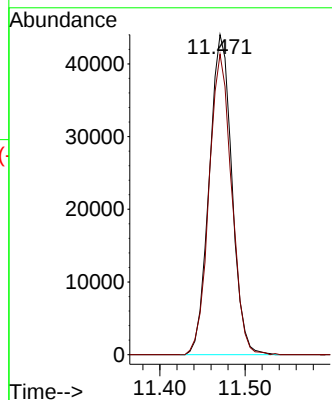
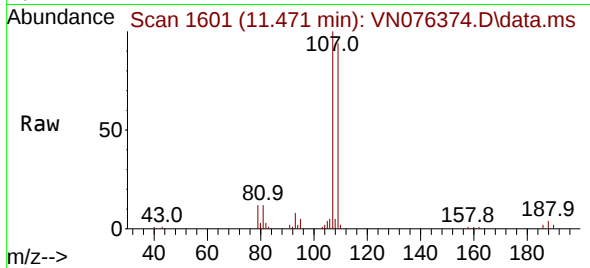
#61
1,2-Dibromoethane
Concen: 19.117 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion:107 Resp: 81144
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

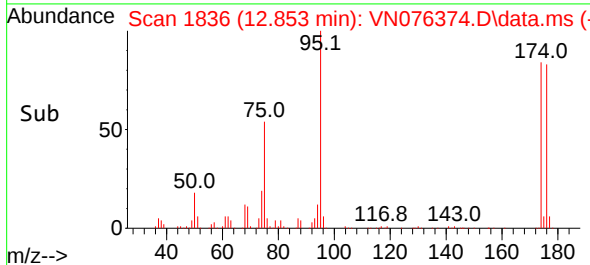
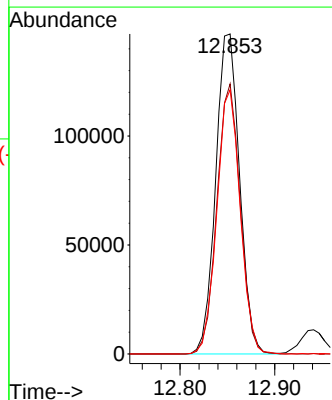
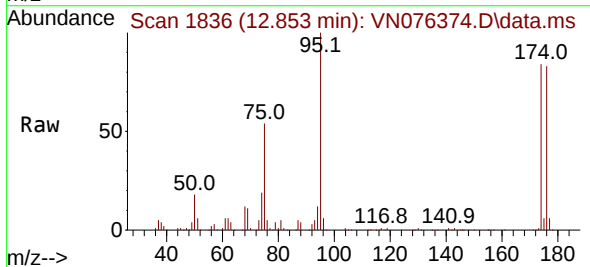
Manual Integrations
APPROVED

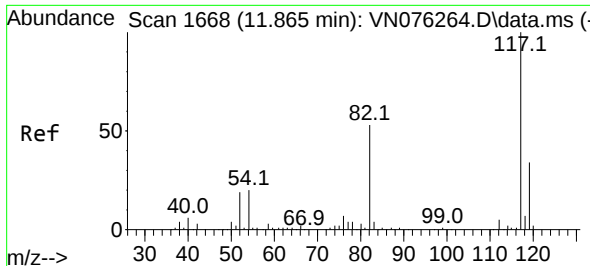
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#62
4-Bromofluorobenzene
Concen: 54.640 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

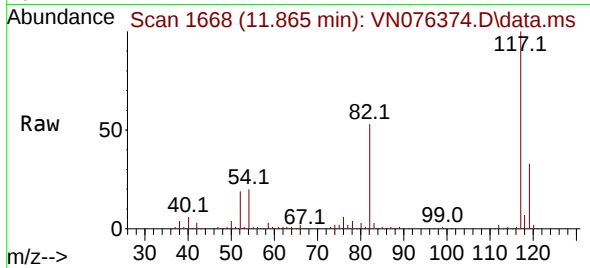
Tgt Ion: 95 Resp: 257929
Ion Ratio Lower Upper
95 100
174 82.3 0.0 174.6
176 80.5 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

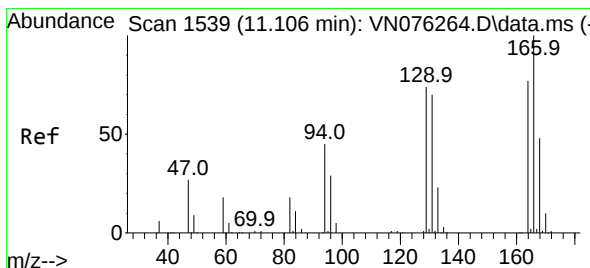
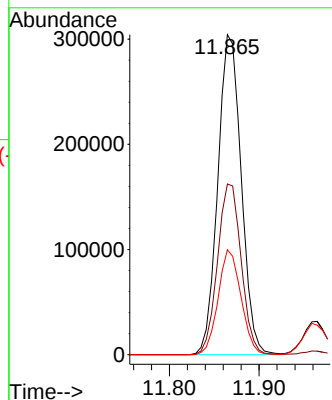
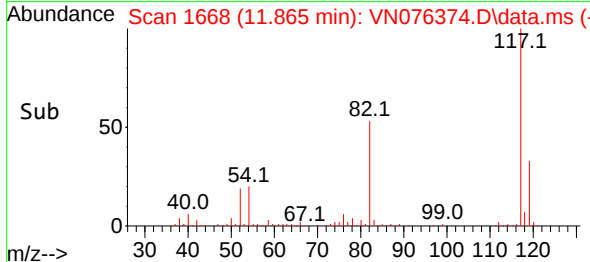
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



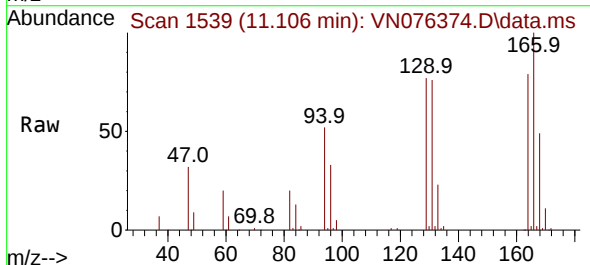
Tgt Ion:117 Resp: 55192
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.8 26.9 40.3

Manual Integrations
APPROVED

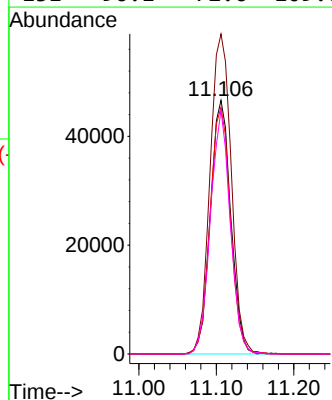
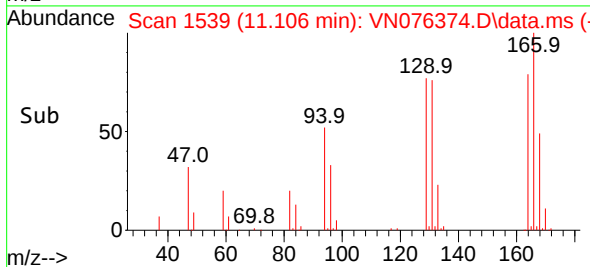
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

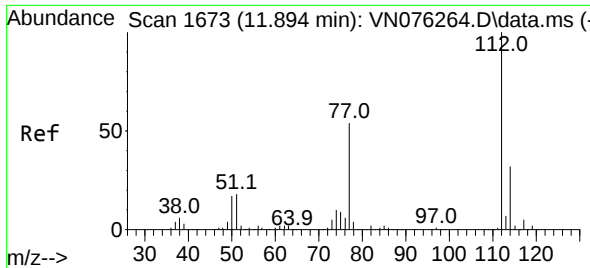


#64
Tetrachloroethene
Concen: 17.151 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



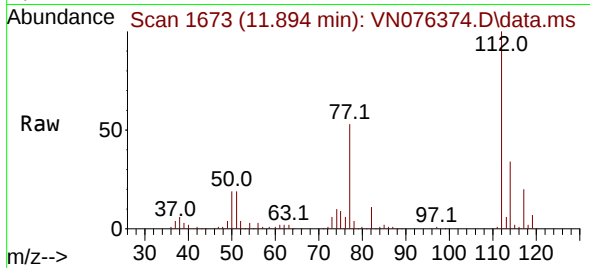
Tgt Ion:164 Resp: 85364
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 97.3 76.6 114.8
131 96.1 72.6 109.0





#65
Chlorobenzene
Concen: 18.989 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

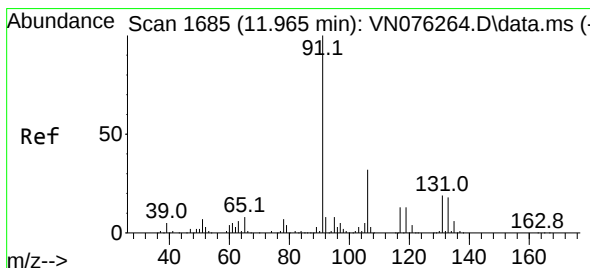
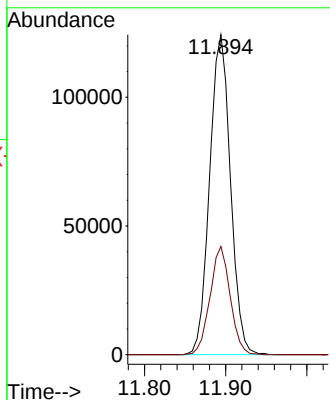
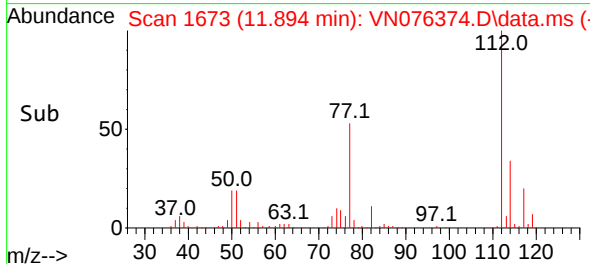
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



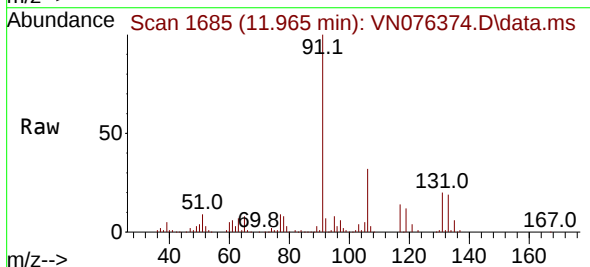
Tgt Ion:112 Resp: 221540
Ion Ratio Lower Upper
112 100
114 33.8 25.3 37.9

Manual Integrations
APPROVED

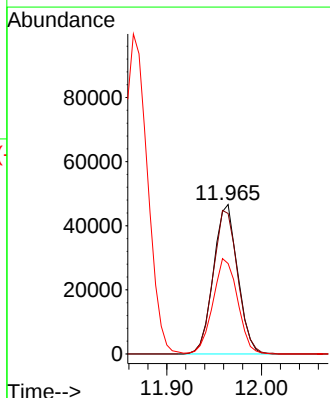
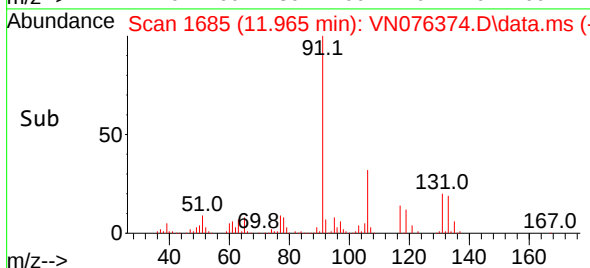
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

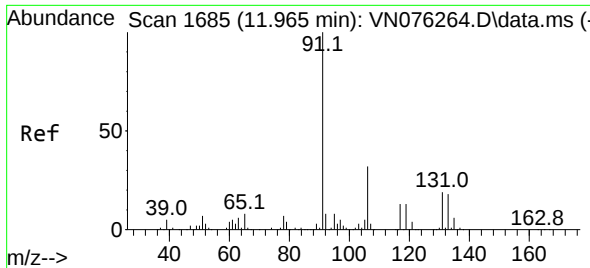


#66
1,1,1,2-Tetrachloroethane
Concen: 19.090 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



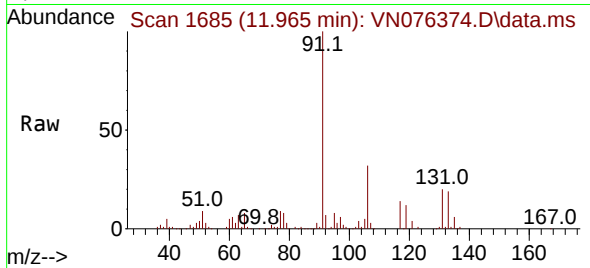
Tgt Ion:131 Resp: 82866
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.2
119 65.2 32.3 96.8





#67
Ethyl Benzene
Concen: 19.624 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

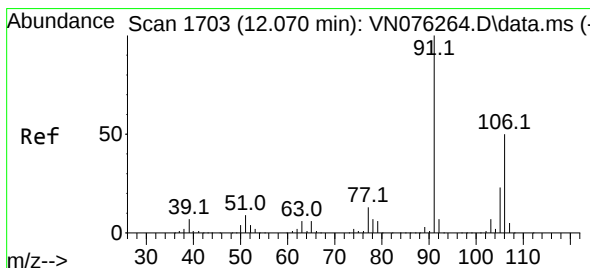
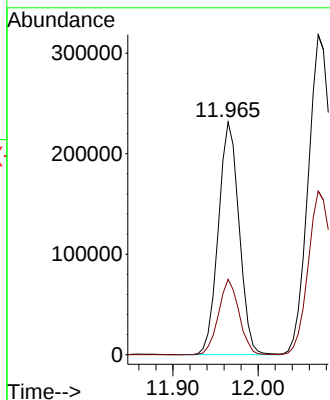
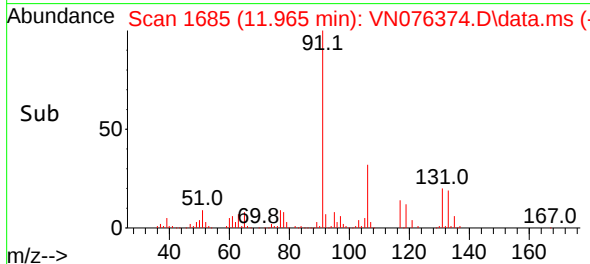
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



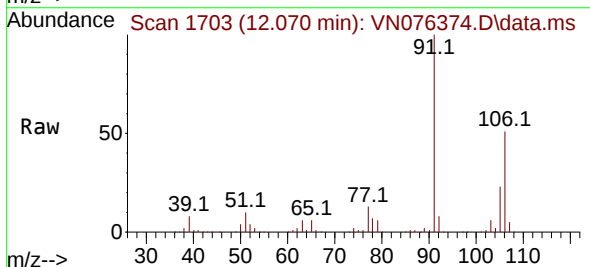
Tgt Ion: 91 Resp: 39184
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

Manual Integrations
APPROVED

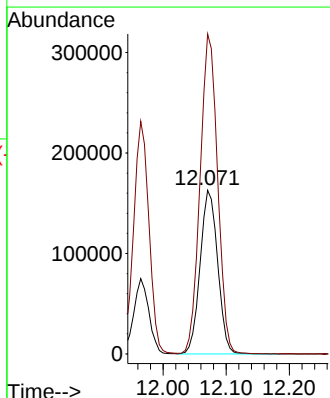
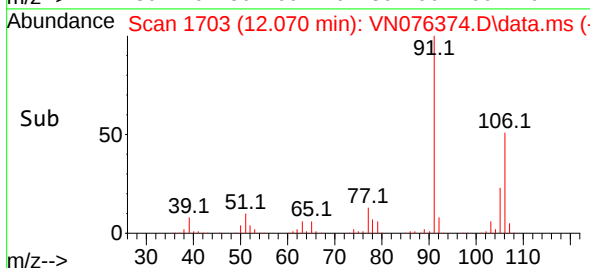
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

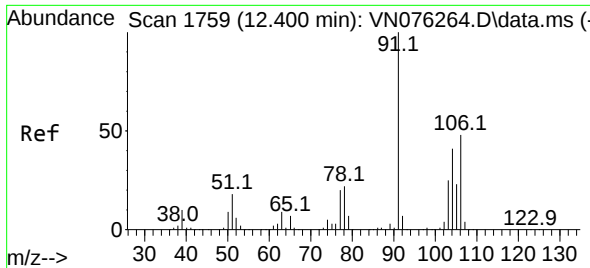


#68
m/p-Xylenes
Concen: 39.281 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion:106 Resp: 314516
Ion Ratio Lower Upper
106 100
91 195.6 157.5 236.3





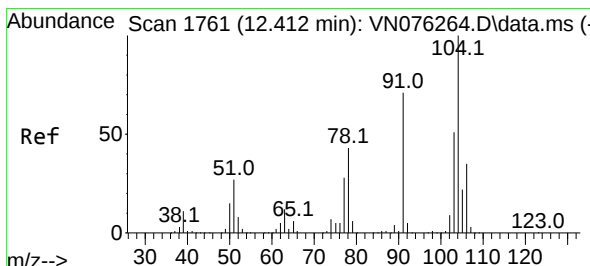
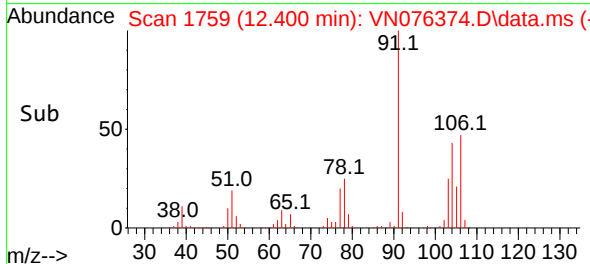
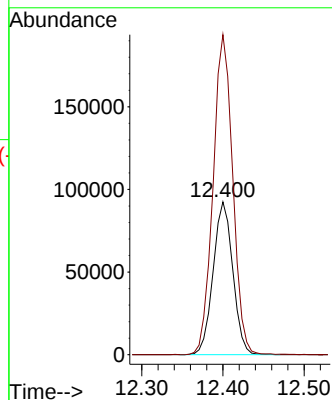
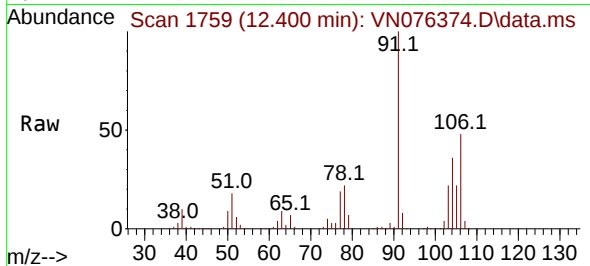
#69
o-Xylene
Concen: 19.778 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion:106 Resp: 155518
Ion Ratio Lower Upper
106 100
91 210.1 103.2 309.4

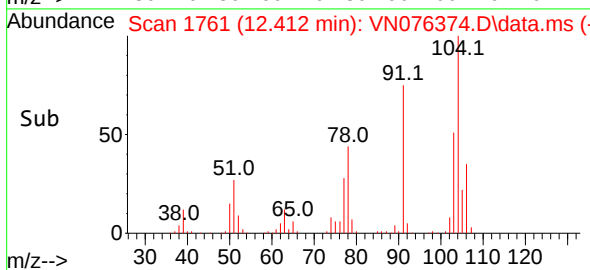
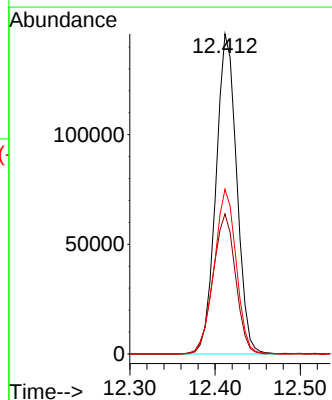
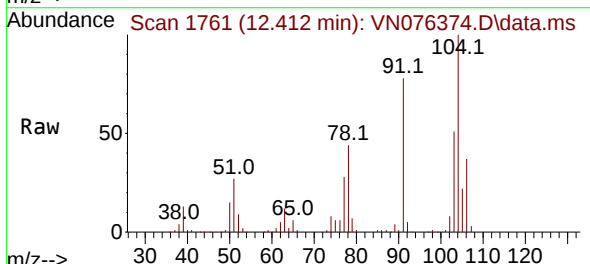
Manual Integrations
APPROVED

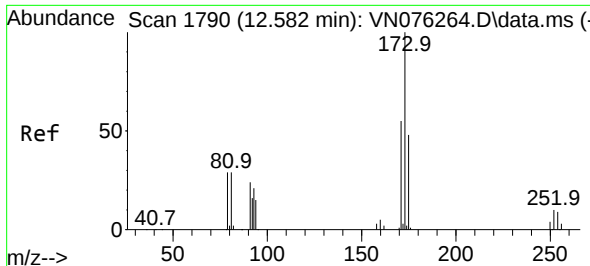
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#70
Styrene
Concen: 19.737 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

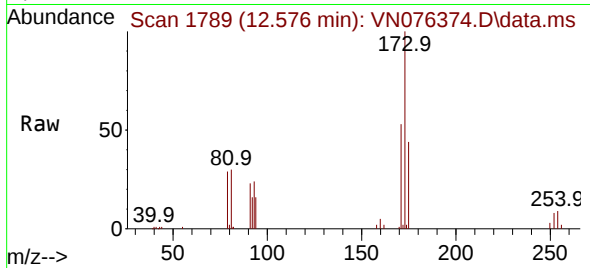
Tgt Ion:104 Resp: 247791
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.0
103 54.4 44.2 66.2





#71
Bromoform
Concen: 20.211 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

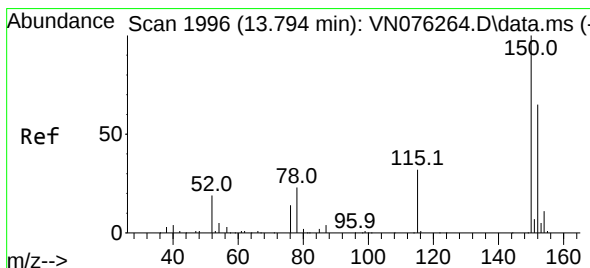
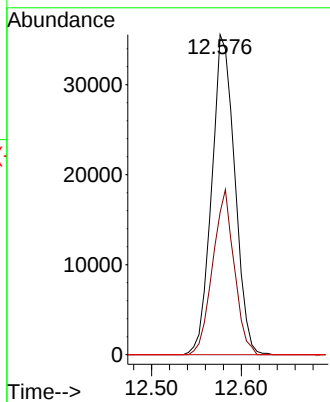
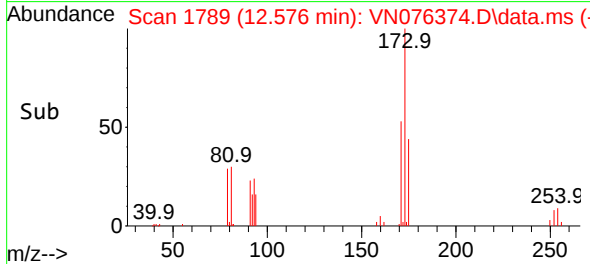
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



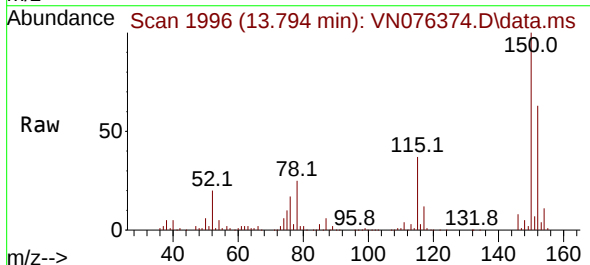
Tgt Ion:173 Resp: 63360
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

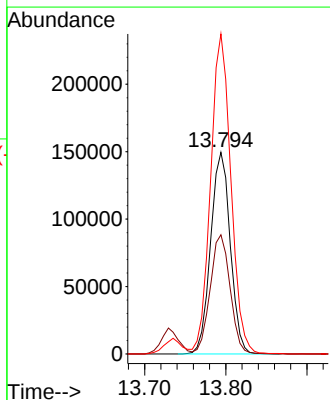
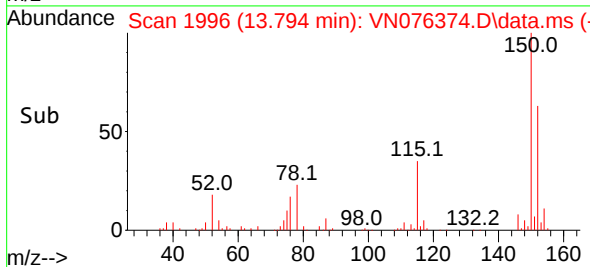
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

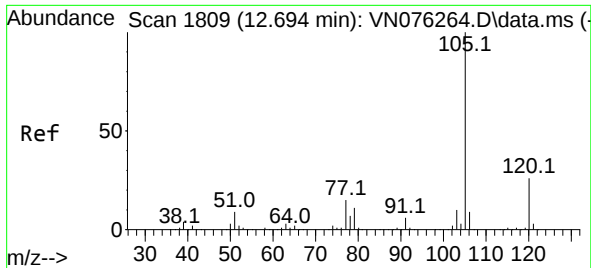


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion:152 Resp: 251681
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 163.6 0.0 351.4





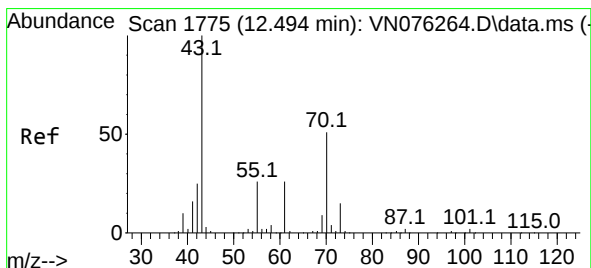
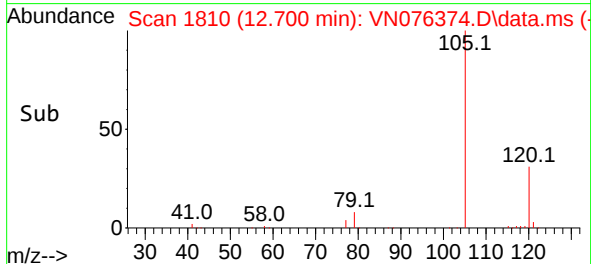
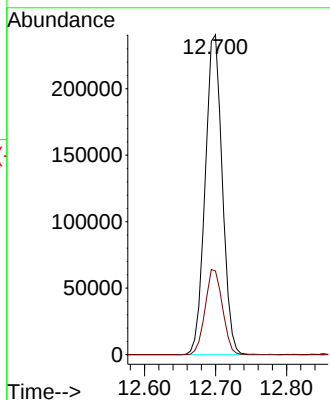
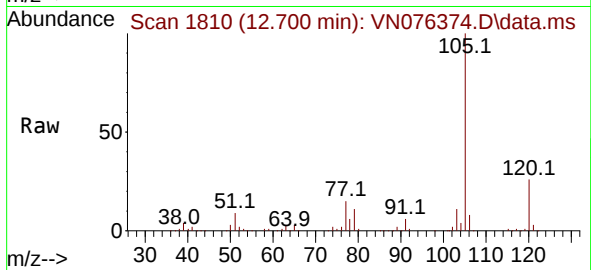
#73
Isopropylbenzene
Concen: 20.695 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion:105 Resp: 40294
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

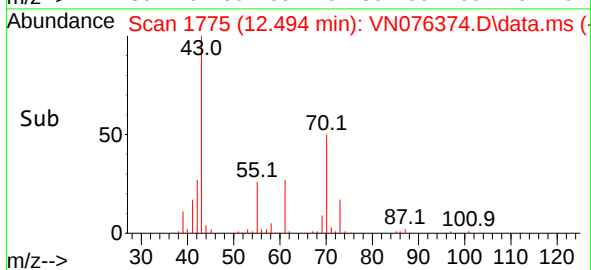
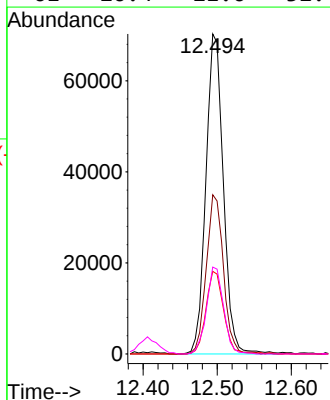
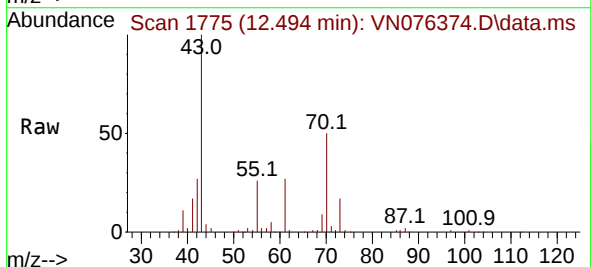
Manual Integrations
APPROVED

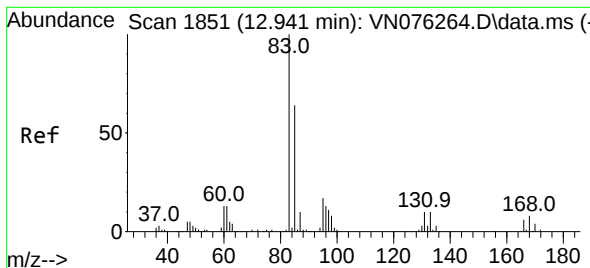
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#74
N-ethyl acetate
Concen: 20.556 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 43 Resp: 115127
Ion Ratio Lower Upper
43 100
70 48.9 41.2 61.8
55 26.1 21.0 31.6
61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.112 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion: 83 Resp: 112572

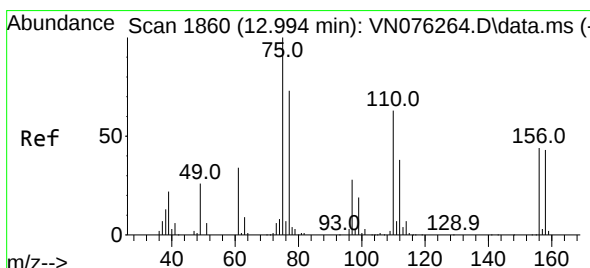
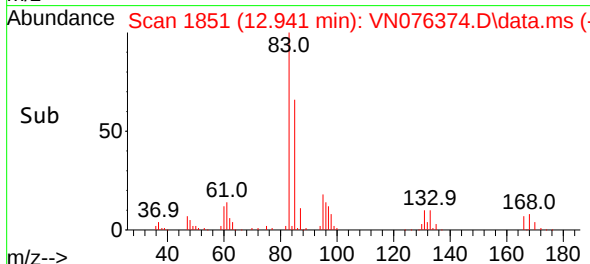
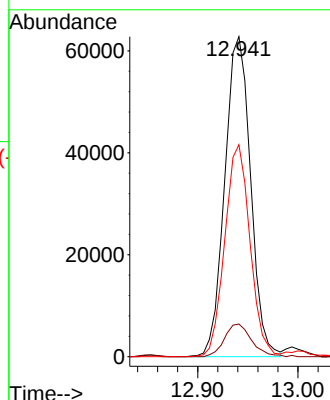
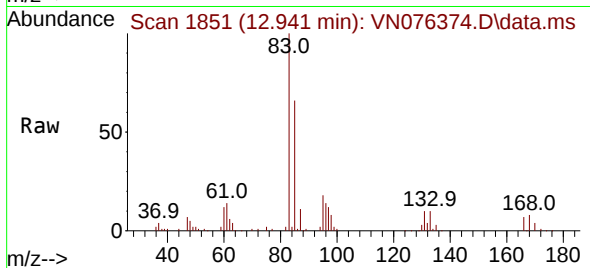
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.5	16.4
85	64.6	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#76

1,2,3-Trichloropropane

Concen: 18.789 ug/l m

RT: 12.994 min Scan# 1860

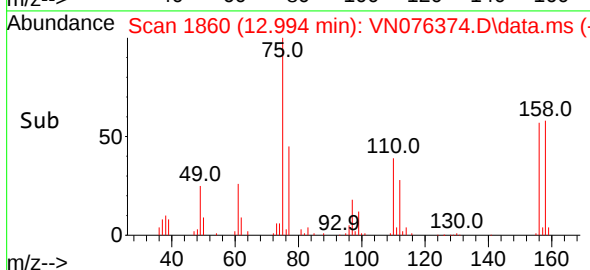
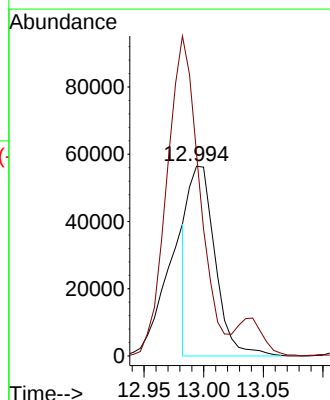
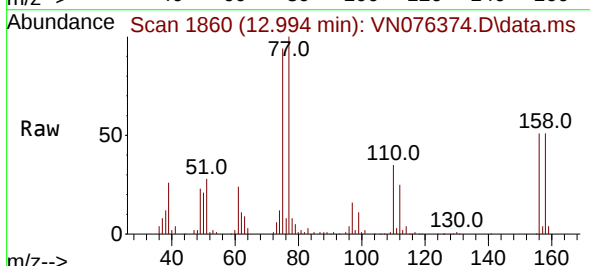
Delta R.T. -0.000 min

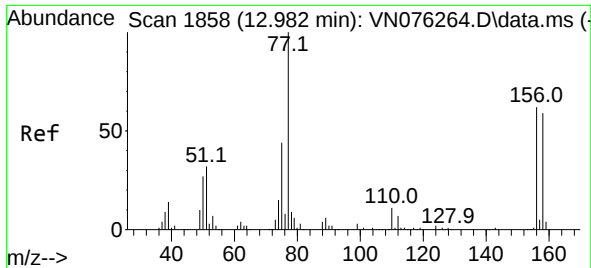
Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Tgt Ion: 75 Resp: 88862

Ion	Ratio	Lower	Upper
75	100		
77	206.1	75.2	225.6





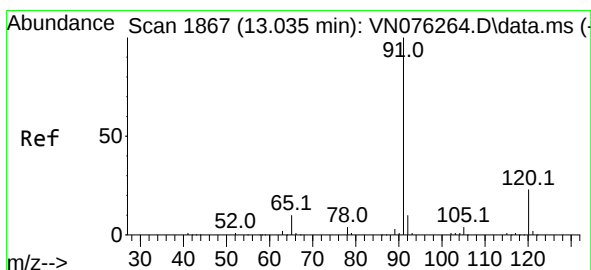
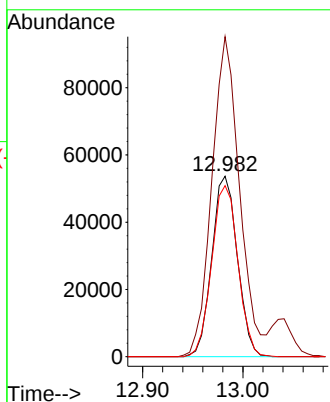
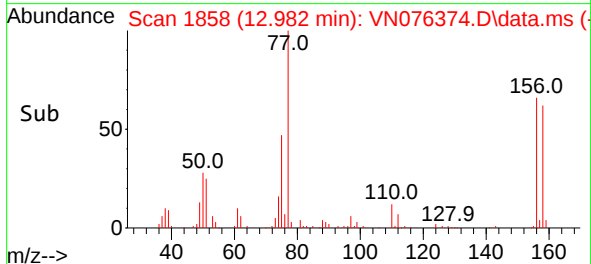
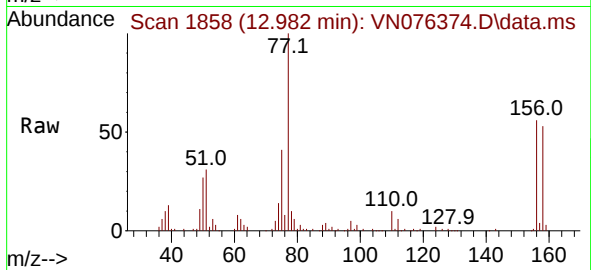
#77
Bromobenzene
Concen: 20.529 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion:156 Resp: 94958
Ion Ratio Lower Upper
156 100
77 192.8 93.4 280.2
158 97.4 48.4 145.2

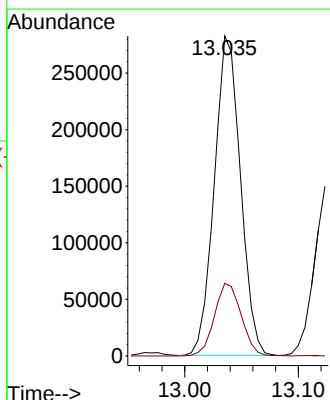
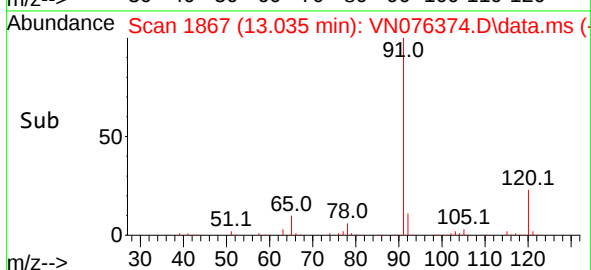
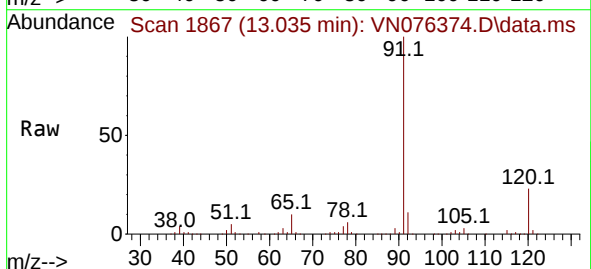
Manual Integrations
APPROVED

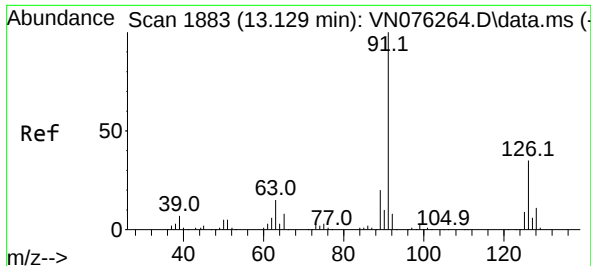
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#78
n-propylbenzene
Concen: 20.573 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion: 91 Resp: 451954
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





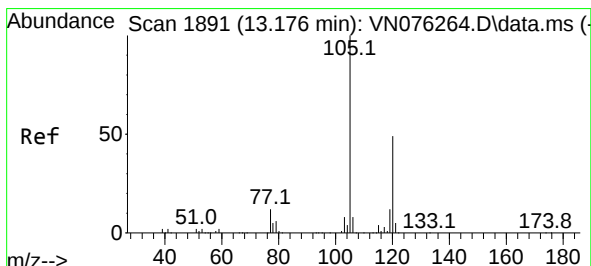
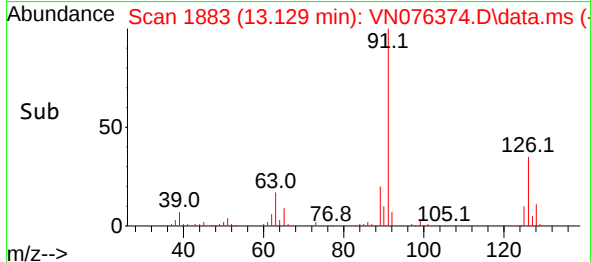
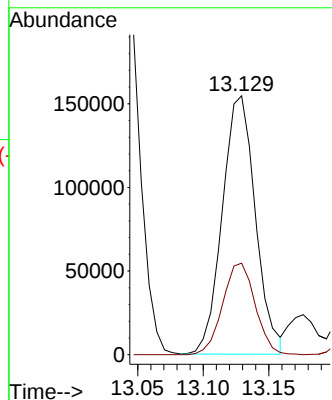
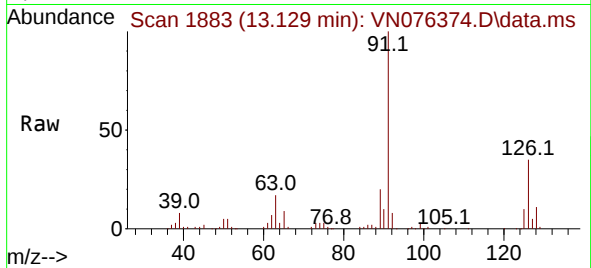
#79
2-Chlorotoluene
Concen: 20.133 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 91 Resp: 271414
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

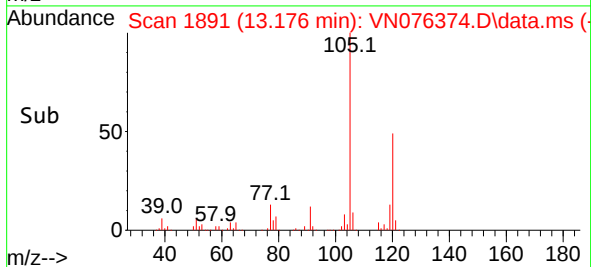
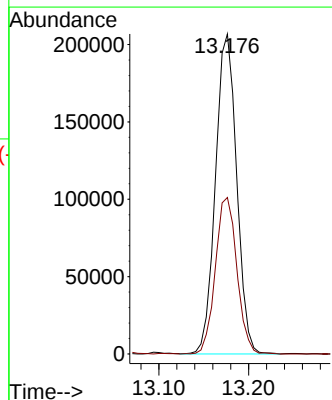
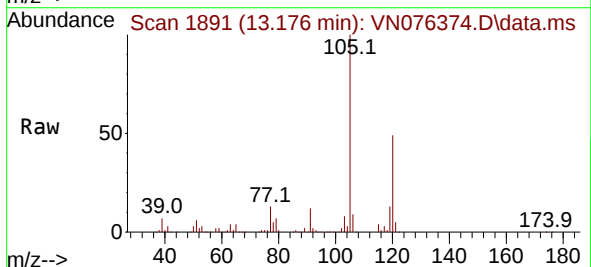
Manual Integrations
APPROVED

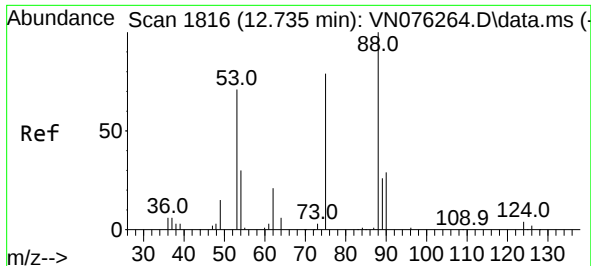
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.786 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:105 Resp: 339042
Ion Ratio Lower Upper
105 100
120 49.7 25.0 75.0





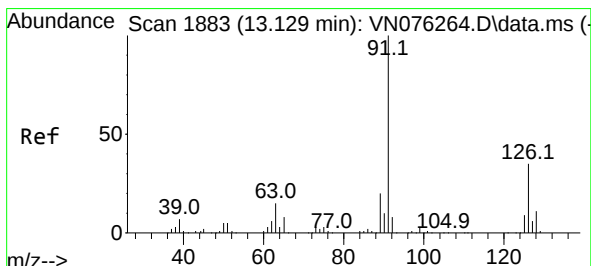
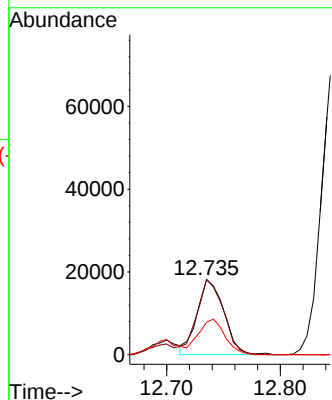
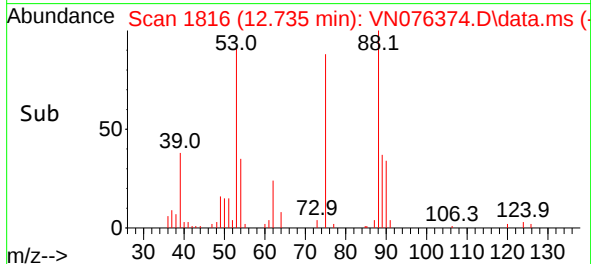
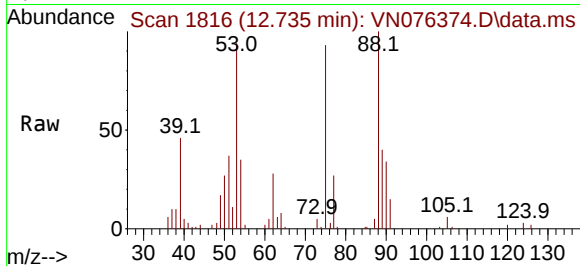
#81
trans-1,4-Dichloro-2-butene
Concen: 19.603 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01

Tgt Ion: 75 Resp: 29652
Ion Ratio Lower Upper
75 100
53 102.0 75.8 113.8
89 46.3 37.0 55.6

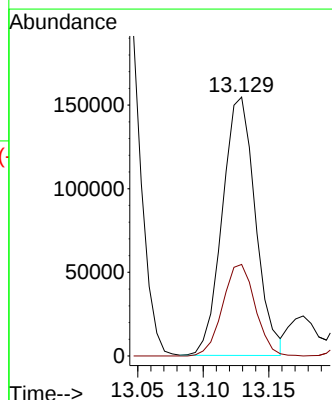
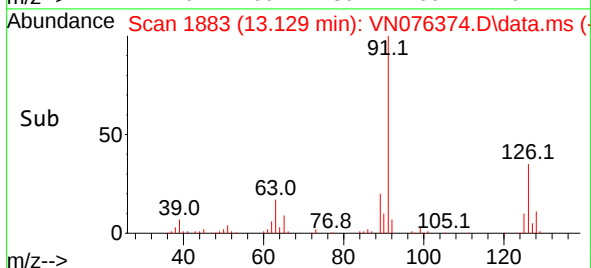
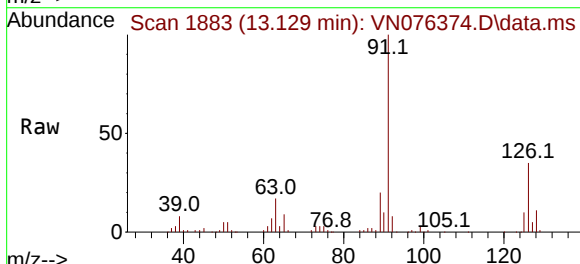
Manual Integrations
APPROVED

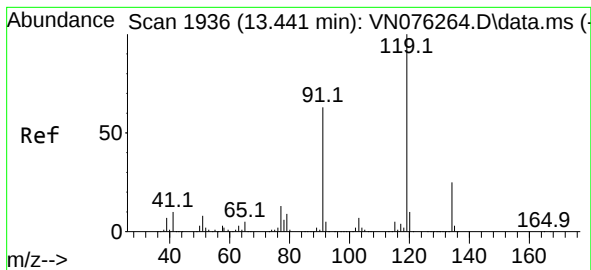
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#82
4-Chlorotoluene
Concen: 20.133 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

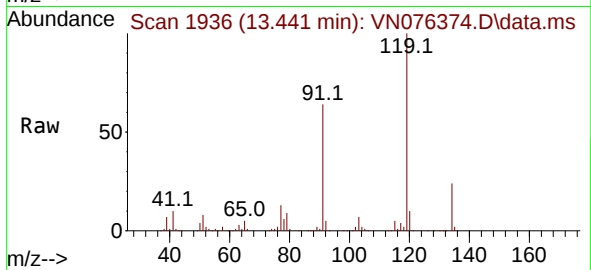
Tgt Ion: 91 Resp: 271414
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2





#83
tert-Butylbenzene
Concen: 21.559 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

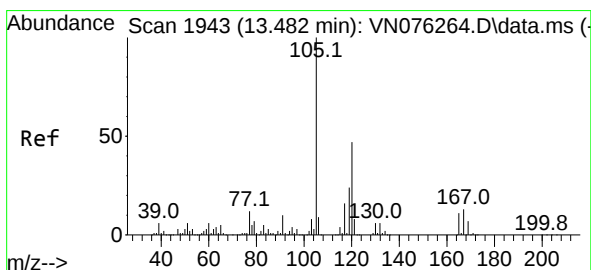
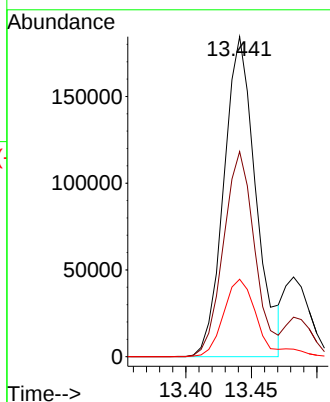
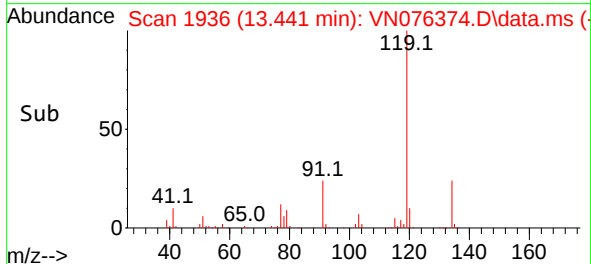
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



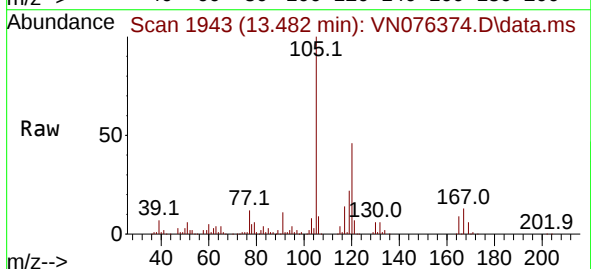
Tgt Ion:119 Resp: 312770
Ion Ratio Lower Upper
119 100
91 63.1 32.2 96.6
134 25.9 13.6 40.8

Manual Integrations
APPROVED

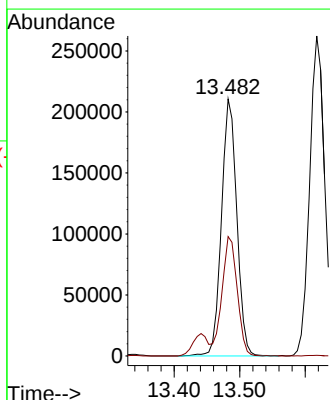
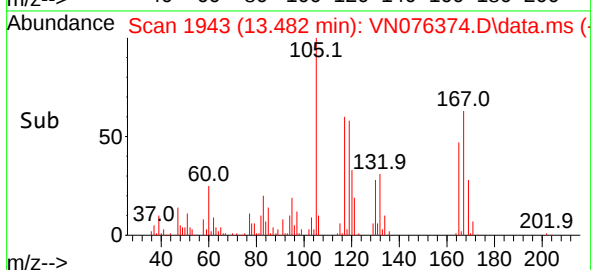
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

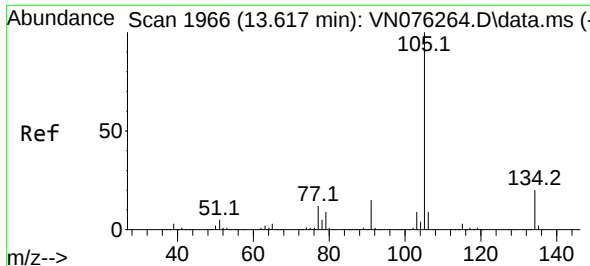


#84
1,2,4-Trimethylbenzene
Concen: 20.814 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



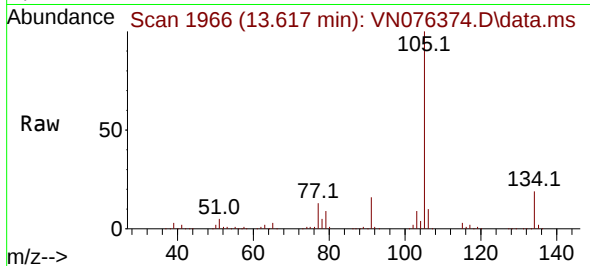
Tgt Ion:105 Resp: 340425
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.5





#85
sec-Butylbenzene
Concen: 20.705 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

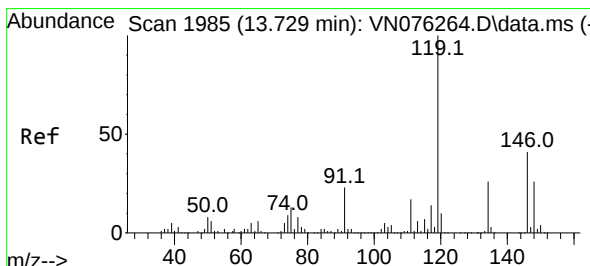
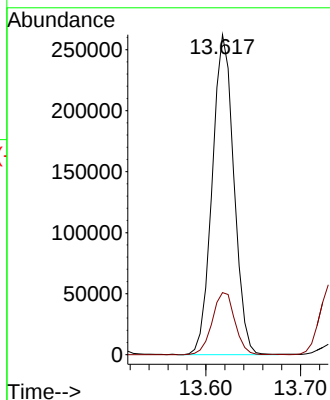
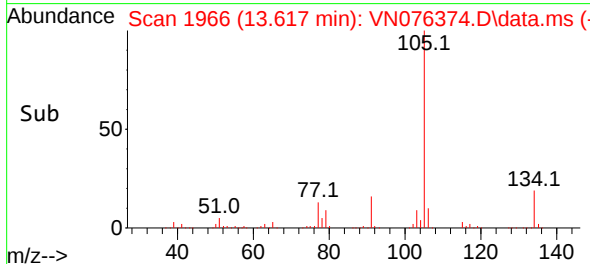
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



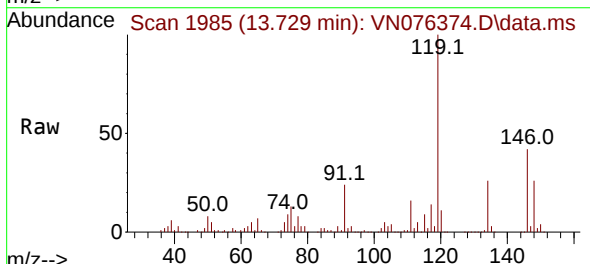
Tgt Ion:105 Resp: 416790
Ion Ratio Lower Upper
105 100
134 20.2 10.3 30.8

Manual Integrations
APPROVED

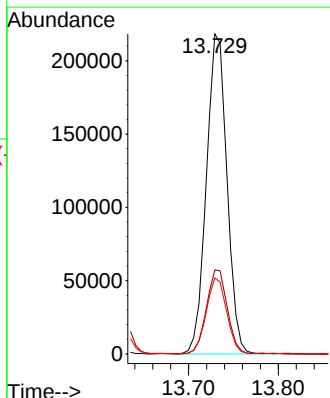
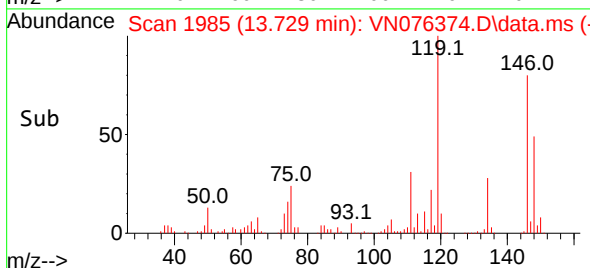
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

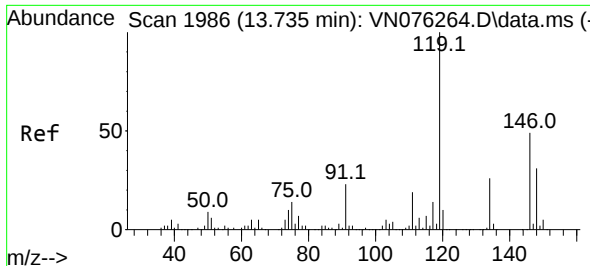


#86
p-Isopropyltoluene
Concen: 21.028 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28



Tgt Ion:119 Resp: 348089
Ion Ratio Lower Upper
119 100
134 26.6 13.2 39.6
91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.702 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

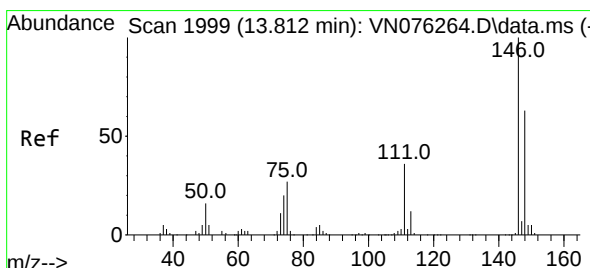
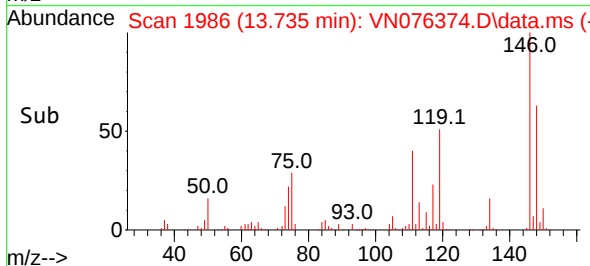
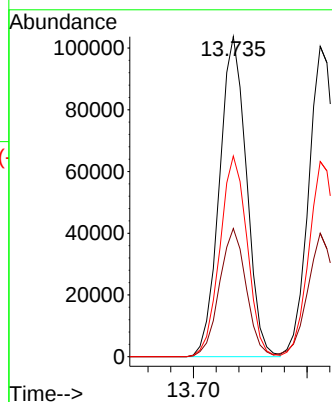
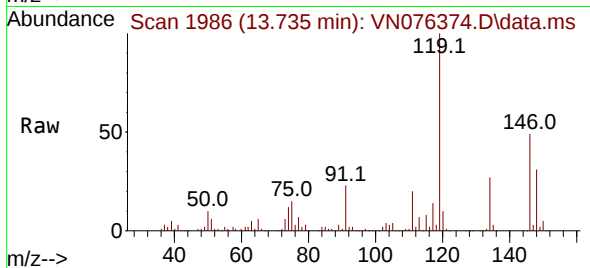
Tgt Ion:146 Resp: 171624
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 63.1 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#88

1,4-Dichlorobenzene

Concen: 19.466 ug/l

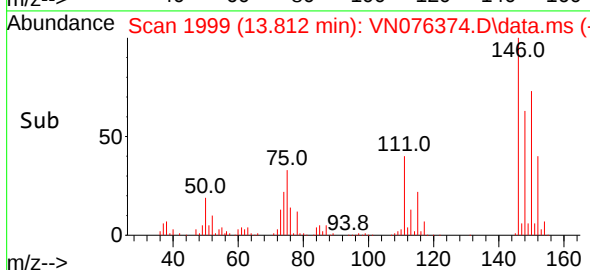
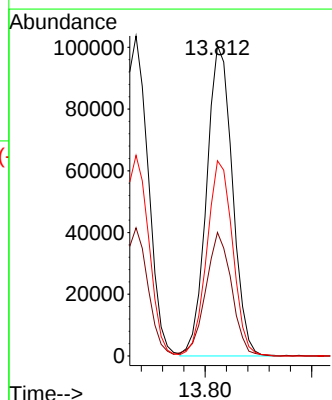
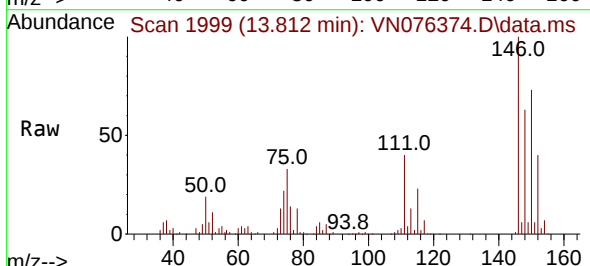
RT: 13.812 min Scan# 1999

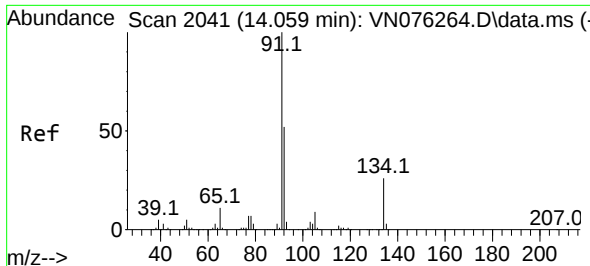
Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

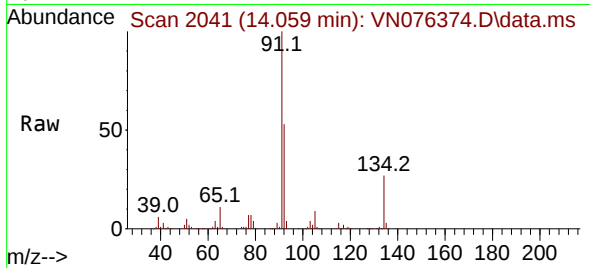
Tgt Ion:146 Resp: 169387
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.5
 148 63.0 31.9 95.9





#89
n-Butylbenzene
Concen: 20.260 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

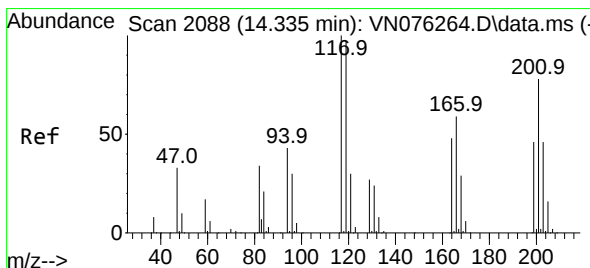
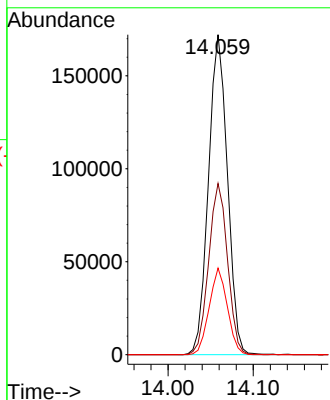
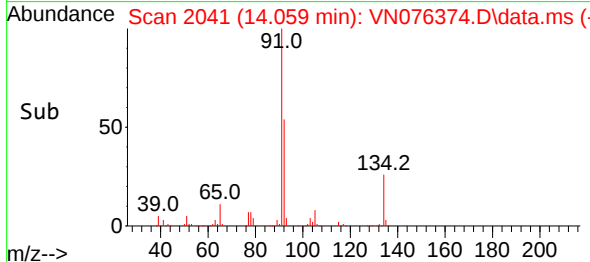
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion: 91 Resp: 266234
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 25.9 13.2 39.5

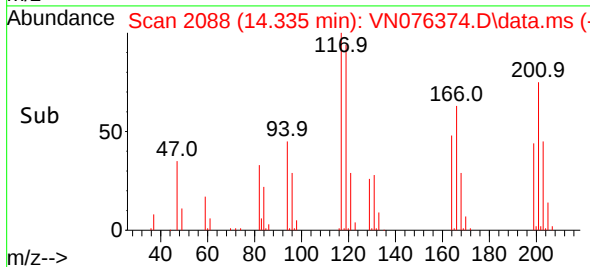
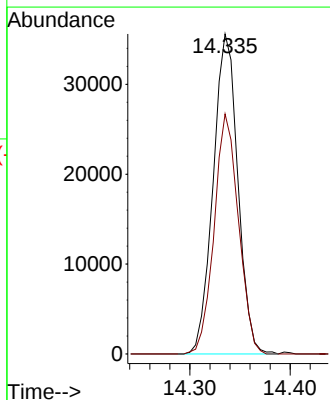
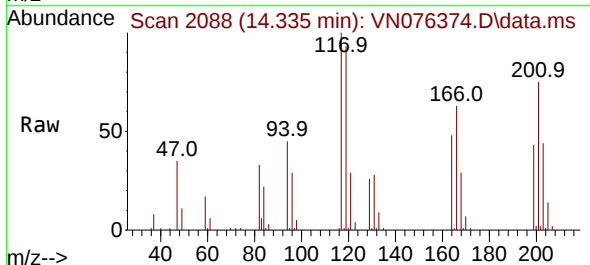
Manual Integrations
APPROVED

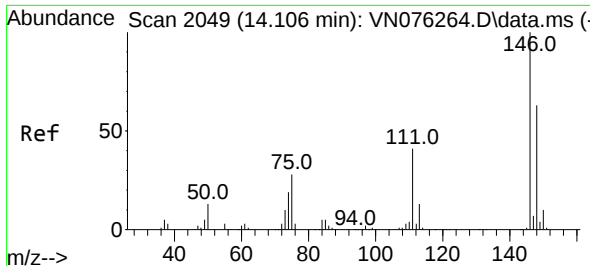
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#90
Hexachloroethane
Concen: 21.248 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:117 Resp: 60705
Ion Ratio Lower Upper
117 100
201 73.9 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 18.608 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion:146 Resp: 170078

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

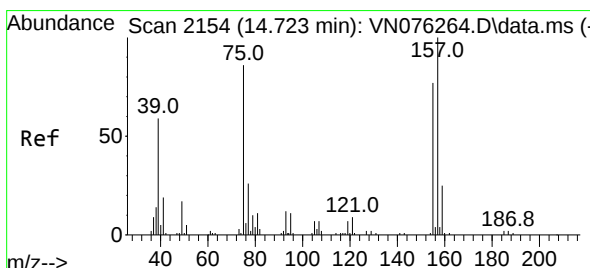
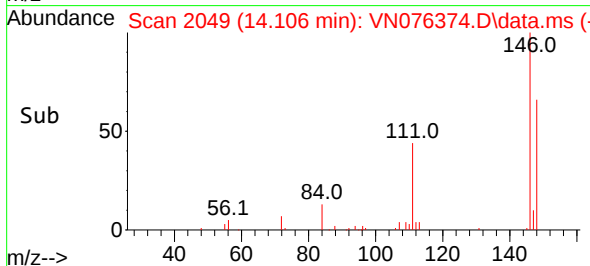
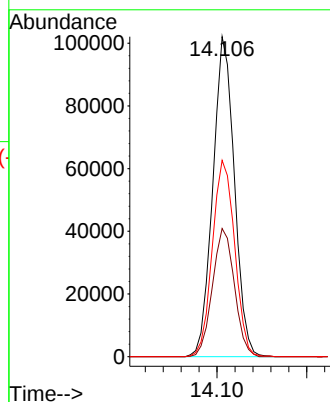
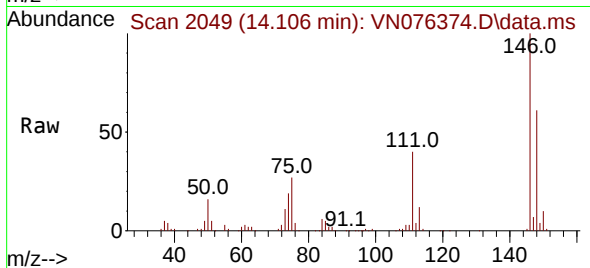
148 63.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.139 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

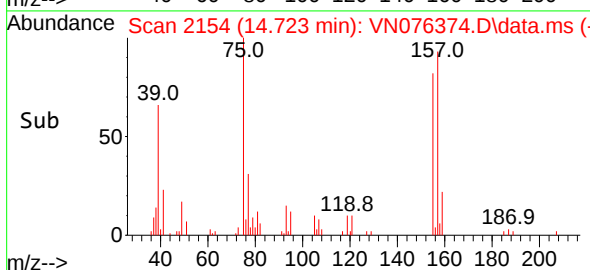
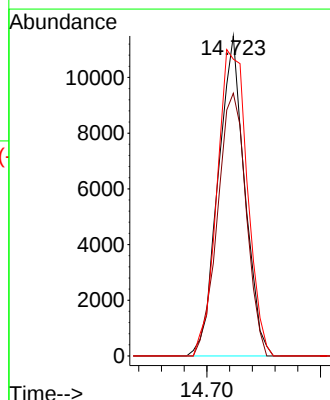
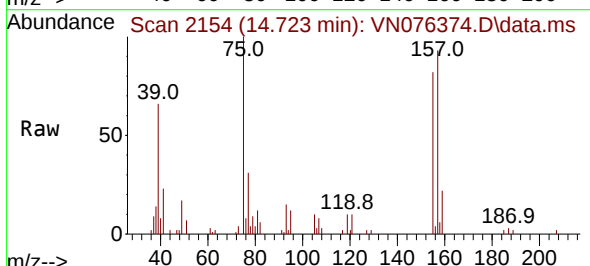
Tgt Ion: 75 Resp: 18621

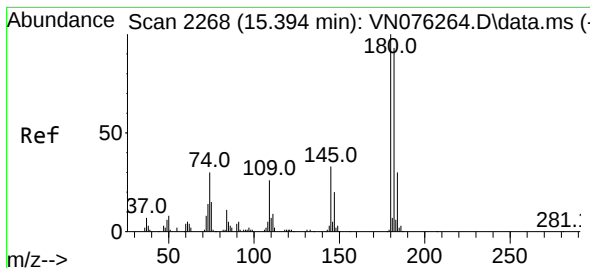
Ion Ratio Lower Upper

75 100

155 88.3 45.0 135.0

157 109.3 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 17.603 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0124MBS01

Tgt Ion:180 Resp: 73909

Ion Ratio Lower Upper

180 100

182 96.5 47.0 141.2

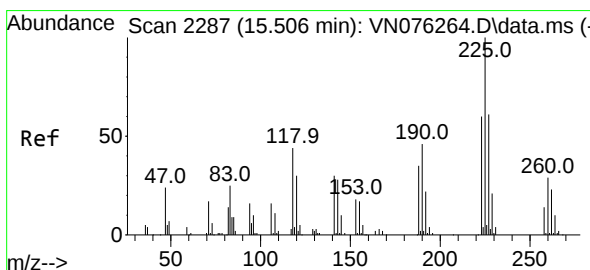
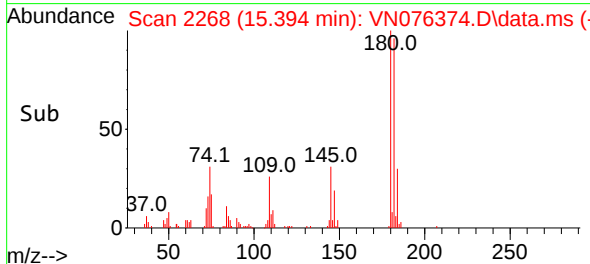
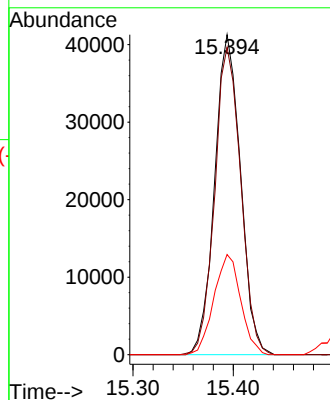
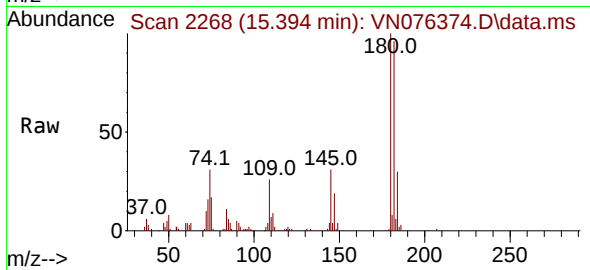
145 32.5 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#94

Hexachlorobutadiene

Concen: 18.411 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076374.D

Acq: 24 Jan 2023 11:28

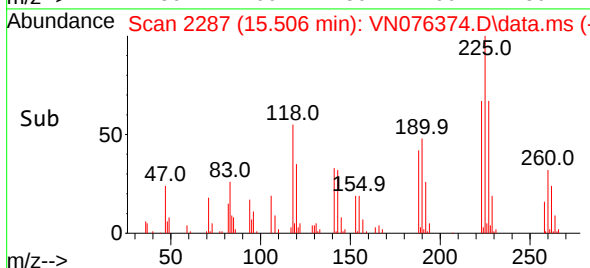
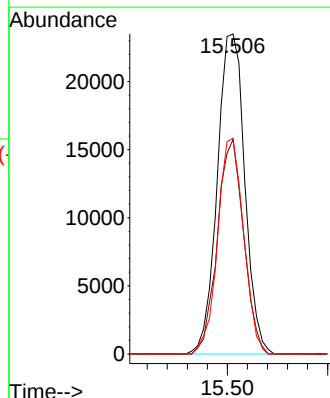
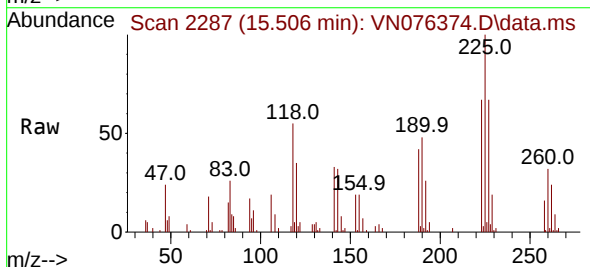
Tgt Ion:225 Resp: 44657

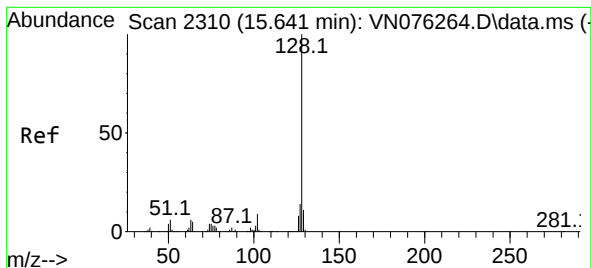
Ion Ratio Lower Upper

225 100

223 63.8 30.8 92.3

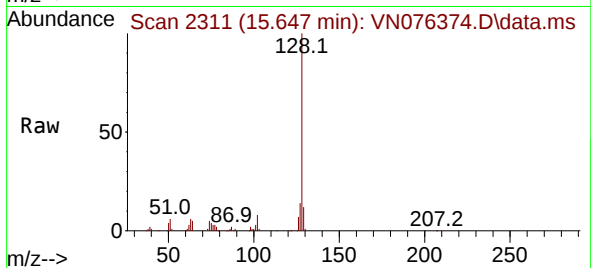
227 63.7 30.9 92.8





#95
Naphthalene
Concen: 17.361 ug/l
RT: 15.647 min Scan# 21072
Delta R.T. 0.006 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

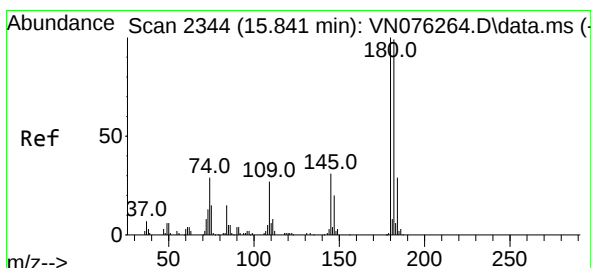
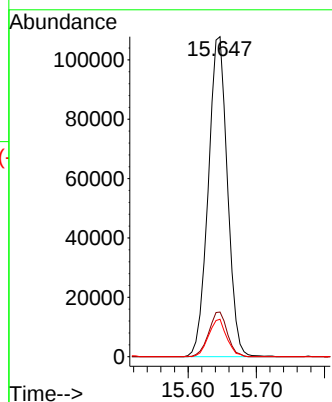
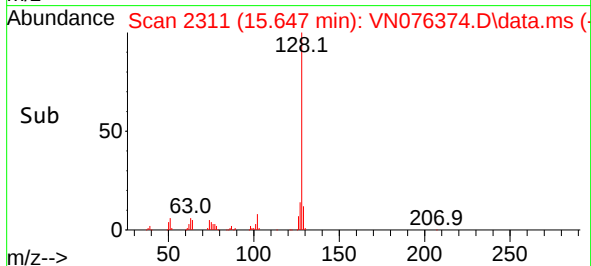
Instrument :
MSVOA_N
ClientSampleId :
VN0124MBS01



Tgt Ion:128 Resp: 21072
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.188 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076374.D
Acq: 24 Jan 2023 11:28

Tgt Ion:180 Resp: 73402
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 33.2 15.9 47.6

