

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076371.D
 Acq On : 24 Jan 2023 10:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 06:19:50 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	8.229	168	391184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	625240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	557355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226388	51.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	8.171	113	198395	50.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	10.570	98	737810	51.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.853	95	258227	54.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	187619	46.803	ug/l	99
3) Chloromethane	2.371	50	187140	45.089	ug/l	97
4) Vinyl Chloride	2.530	62	251218	49.362	ug/l	99
5) Bromomethane	2.953	94	202171	48.509	ug/l	96
6) Chloroethane	3.124	64	187312	49.084	ug/l	98
7) Trichlorofluoromethane	3.506	101	331210	47.305	ug/l	98
8) Diethyl Ether	3.971	74	119106	50.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	192543	48.577	ug/l	99
10) Methyl Iodide	4.600	142	287742	47.526	ug/l	98
11) Tert butyl alcohol	5.530	59	114432	195.324	ug/l	100
12) 1,1-Dichloroethene	4.347	96	178201	47.560	ug/l	90
13) Acrolein	4.189	56	145551	207.743	ug/l	99
14) Allyl chloride	5.036	41	237407	54.372	ug/l	91
15) Acrylonitrile	5.730	53	380182	228.041	ug/l	99
16) Acetone	4.441	43	422419	300.861	ug/l	99
17) Carbon Disulfide	4.724	76	415844	44.574	ug/l	97
18) Methyl Acetate	5.041	43	215440	45.275	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	609168	49.940	ug/l	99
20) Methylene Chloride	5.288	84	198726	47.804	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	191141	47.090	ug/l	98
22) Diisopropyl ether	6.683	45	533572	51.818	ug/l	99
23) Vinyl Acetate	6.612	43	1695026	254.705	ug/l	99
24) 1,1-Dichloroethane	6.577	63	335498	48.880	ug/l	99
25) 2-Butanone	7.488	43	518183	241.635	ug/l	96
26) 2,2-Dichloropropane	7.494	77	298972	51.681	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	230257	48.637	ug/l	99
28) Bromochloromethane	7.818	49	146426	52.633	ug/l	95
29) Tetrahydrofuran	7.841	42	306778	231.785	ug/l	98
30) Chloroform	7.971	83	379026	49.907	ug/l	99
31) Cyclohexane	8.265	56	302554	44.967	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	346051	49.907	ug/l	96
36) 1,1-Dichloropropene	8.377	75	270710	48.710	ug/l	99
37) Ethyl Acetate	7.565	43	199490	44.755	ug/l	98
38) Carbon Tetrachloride	8.371	117	311231	50.218	ug/l	97
39) Methylcyclohexane	9.606	83	350522	51.647	ug/l	97
40) Benzene	8.612	78	806336	48.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	112082	48.020	ug/l	97
42) 1,2-Dichloroethane	8.676	62	282253	49.641	ug/l	99
43) Isopropyl Acetate	8.694	43	355345	49.001	ug/l	99
44) Trichloroethene	9.359	130	217811	46.341	ug/l	100
45) 1,2-Dichloropropane	9.623	63	195930	49.244	ug/l	97
46) Dibromomethane	9.712	93	144882	48.230	ug/l	99
47) Bromodichloromethane	9.888	83	301065	51.673	ug/l	95
48) Methyl methacrylate	9.682	41	168859	49.185	ug/l	97
49) 1,4-Dioxane	9.700	88	64549	891.053	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1028828	241.673	ug/l	98
52) Toluene	10.635	92	539766	48.570	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	305720	55.044	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	334642	52.371	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	206420	48.594	ug/l	98
56) Ethyl methacrylate	10.876	69	290570	52.984	ug/l	98
57) 1,3-Dichloropropane	11.165	76	337920	48.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	419474	226.574	ug/l	99
59) 2-Hexanone	11.194	43	769696	249.501	ug/l	100
60) Dibromochloromethane	11.359	129	241713	54.055	ug/l	100
61) 1,2-Dibromoethane	11.470	107	207738	48.994	ug/l	99
64) Tetrachloroethene	11.106	164	209149	41.611	ug/l	99
65) Chlorobenzene	11.894	112	571865	48.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	223596	51.008	ug/l	100
67) Ethyl Benzene	11.965	91	1043561	51.753	ug/l	100
68) m/p-Xylenes	12.070	106	827773	102.376	ug/l	99
69) o-Xylene	12.400	106	405553	51.075	ug/l	97
70) Styrene	12.412	104	672173	53.017	ug/l	99
71) Bromoform	12.582	173	168892	53.351	ug/l #	99
73) Isopropylbenzene	12.700	105	1075142	50.536	ug/l	100
74) N-amyl acetate	12.500	43	303947	49.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	280643	45.888	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	255418m	51.001	ug/l	
77) Bromobenzene	12.982	156	250922	50.453	ug/l	99
78) n-propylbenzene	13.041	91	1225677	51.059	ug/l	100
79) 2-Chlorotoluene	13.129	91	712376	48.361	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	909277	51.017	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	80252	48.553	ug/l	97
82) 4-Chlorotoluene	13.129	91	712376	48.361	ug/l	100
83) tert-Butylbenzene	13.441	119	794190	50.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	914819	51.188	ug/l	100
85) sec-Butylbenzene	13.617	105	1147206	52.155	ug/l	99
86) p-Isopropyltoluene	13.735	119	983384	54.368	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	478946	47.764	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	469045	49.174	ug/l	99
89) n-Butylbenzene	14.058	91	808603	56.315	ug/l	99
90) Hexachloroethane	14.335	117	171271	54.863	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	466705	46.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51538	48.479	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	256235	53.016	ug/l	99
94) Hexachlorobutadiene	15.505	225	137730	51.967	ug/l	98
95) Naphthalene	15.647	128	708492	49.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	241267	52.393	ug/l	99

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VSTDCCC050

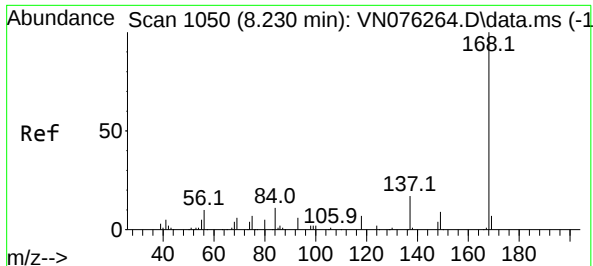
Manual Integrations
APPROVED

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



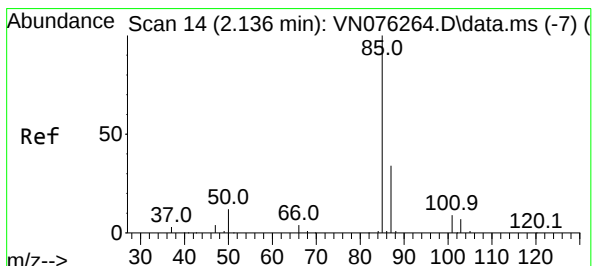
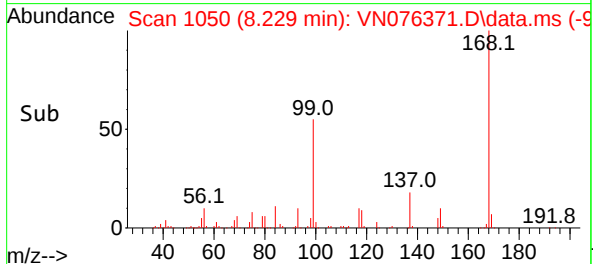
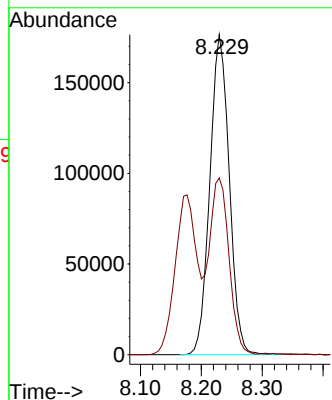
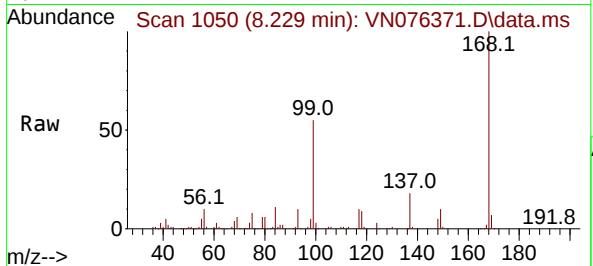
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 391184
Ion Ratio Lower Upper
168 100
99 55.0 41.6 62.4

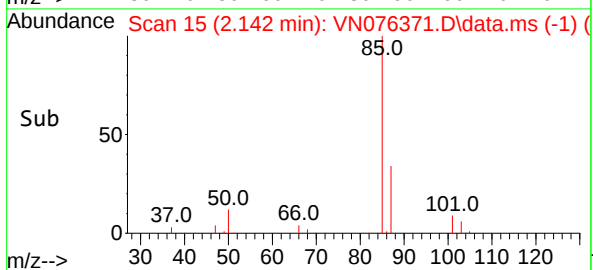
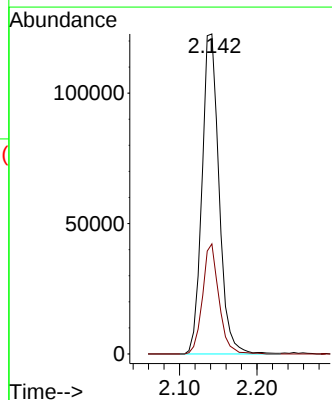
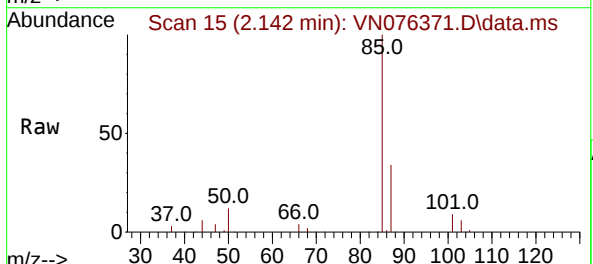
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 46.803 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

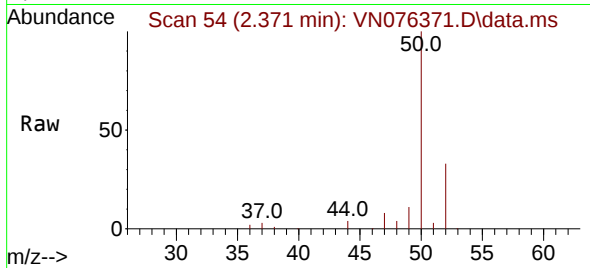
Tgt Ion: 85 Resp: 187619
Ion Ratio Lower Upper
85 100
87 34.4 17.1 51.2





#3
Chloromethane
Concen: 45.089 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

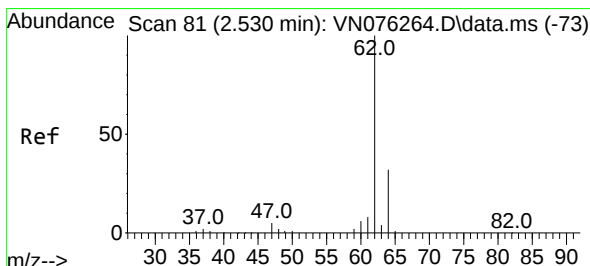
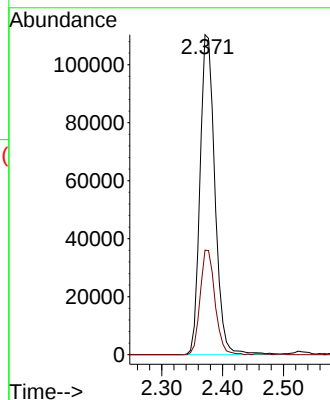
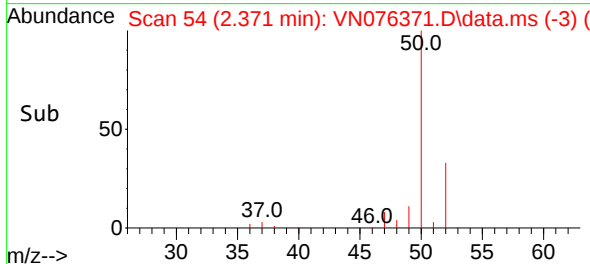
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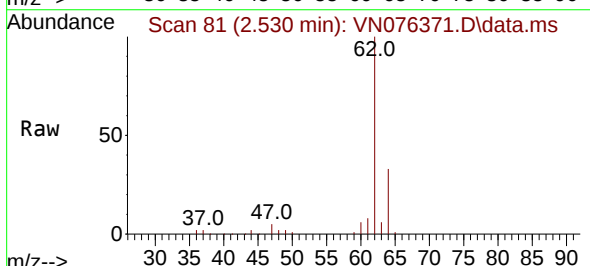
Tgt Ion: 50 Resp: 187140
Ion Ratio Lower Upper
50 100
52 32.6 24.8 37.2

Manual Integrations
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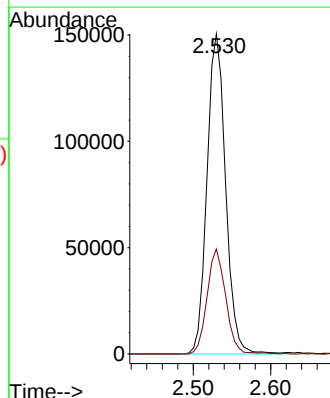
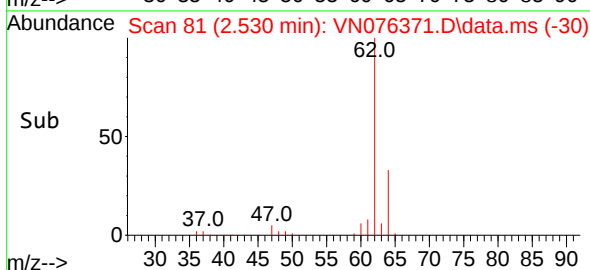
Reviewed By :John Carlone 01/25/2023
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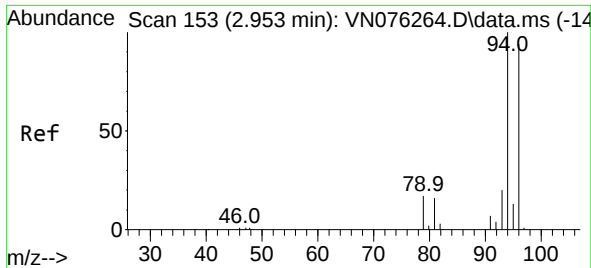


#4
Vinyl Chloride
Concen: 49.362 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



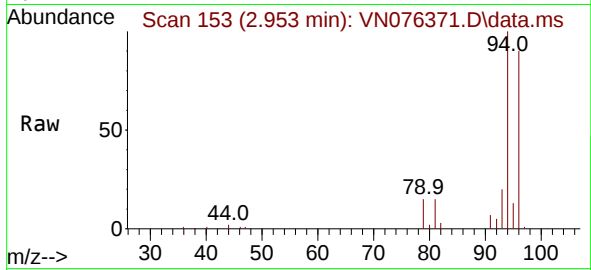
Tgt Ion: 62 Resp: 251218
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





#5
Bromomethane
Concen: 48.509 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

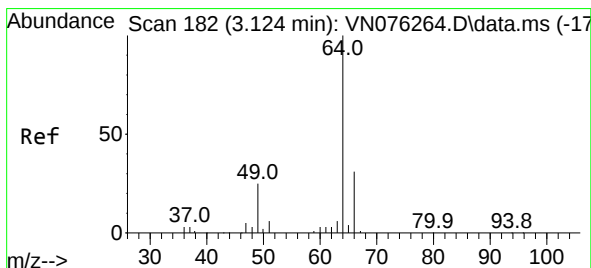
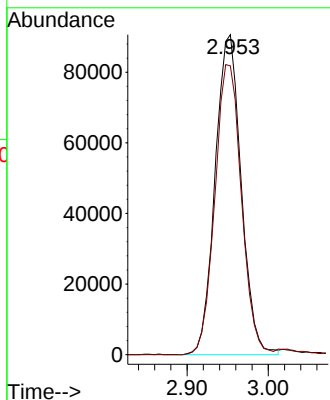
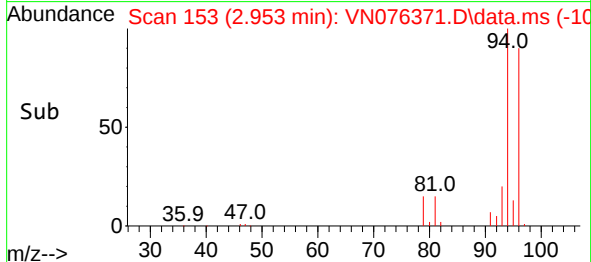
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 20217
Ion Ratio Lower Upper
94 100
96 90.2 75.1 112.7

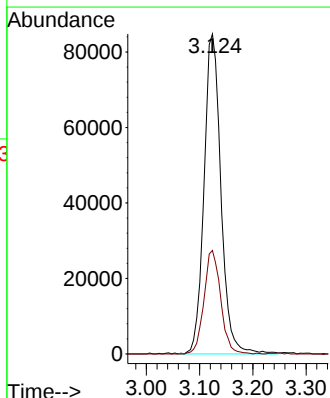
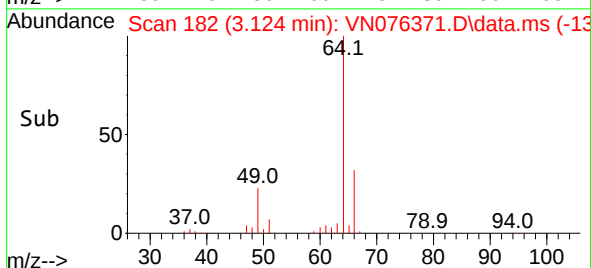
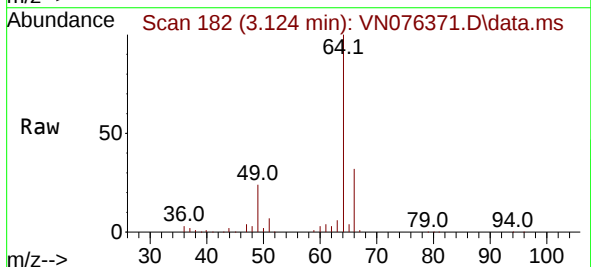
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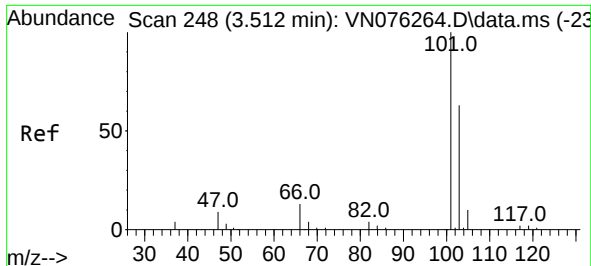
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#6
Chloroethane
Concen: 49.084 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 64 Resp: 187312
Ion Ratio Lower Upper
64 100
66 32.4 24.8 37.2





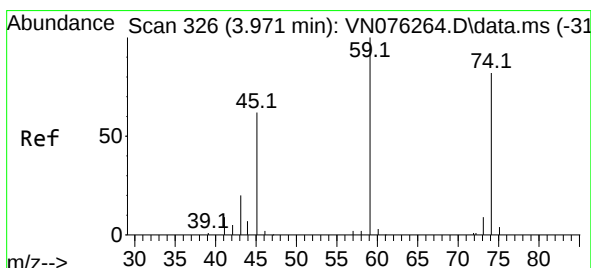
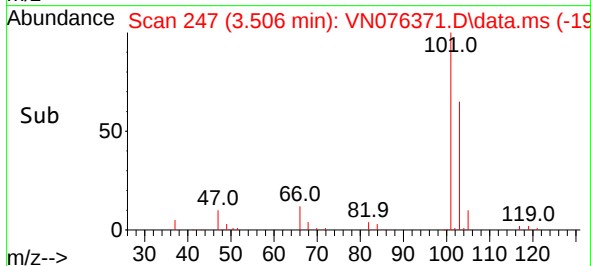
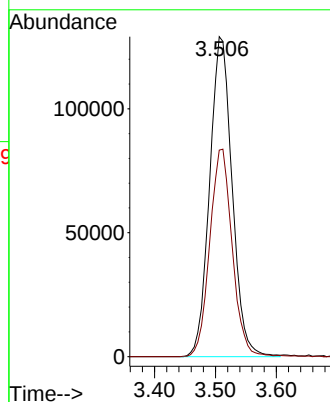
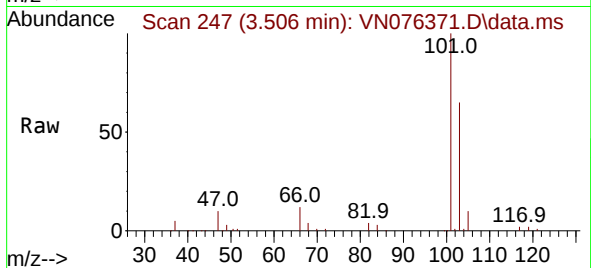
#7
Trichlorofluoromethane
Concen: 47.305 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 331210
Ion Ratio Lower Upper
101 100
103 64.6 50.2 75.4

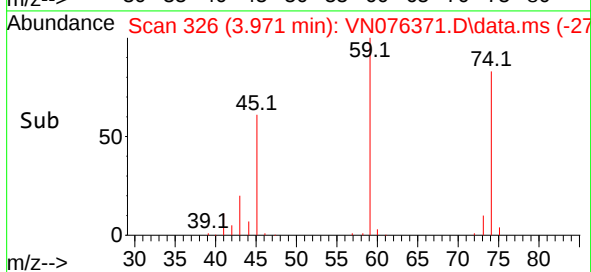
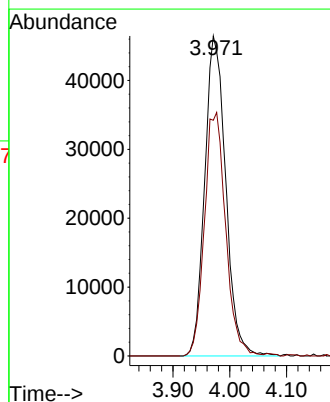
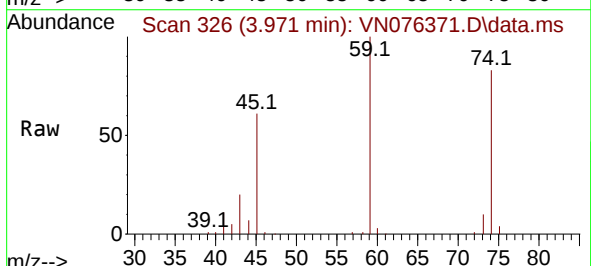
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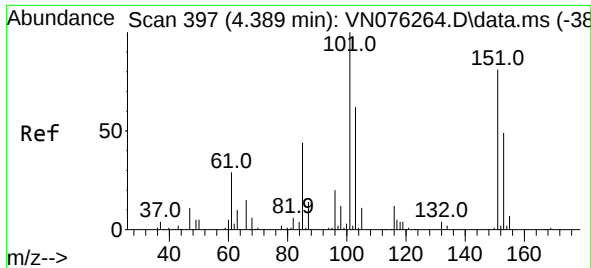
Reviewed By :John Carlone 01/25/2023
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#8
Diethyl Ether
Concen: 50.717 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 74 Resp: 119106
Ion Ratio Lower Upper
74 100
45 76.9 37.8 113.3





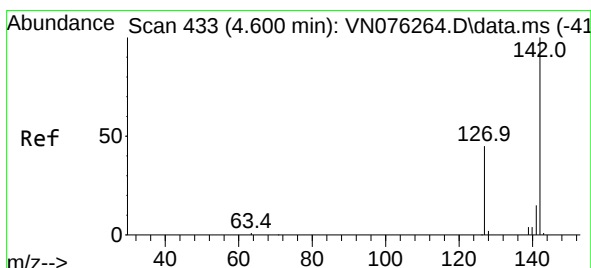
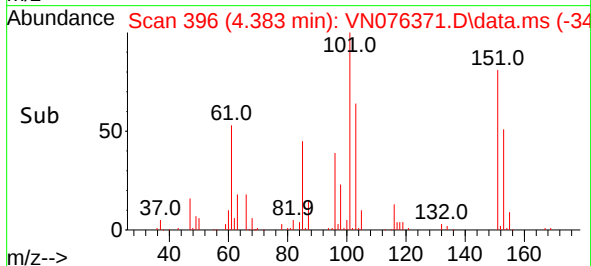
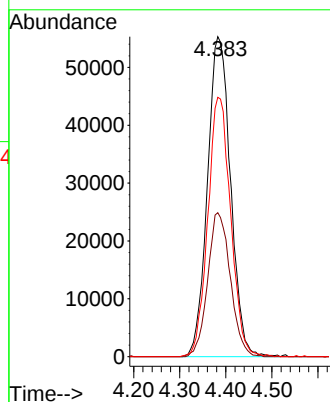
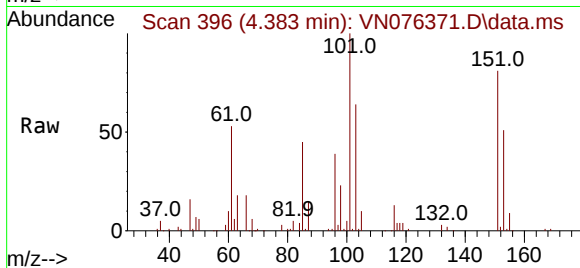
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1,1,2-Trichlorotrifluoroethane
Concen: 48.577 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 19254
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 80.1 65.5 98.3

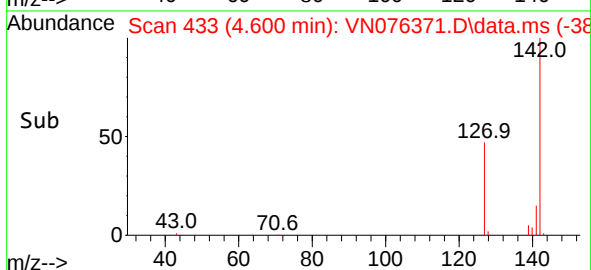
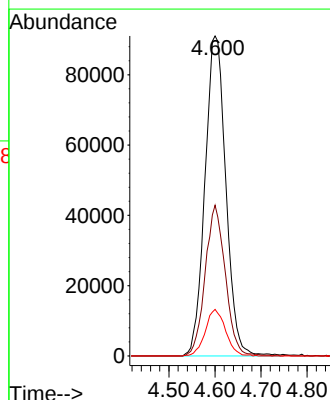
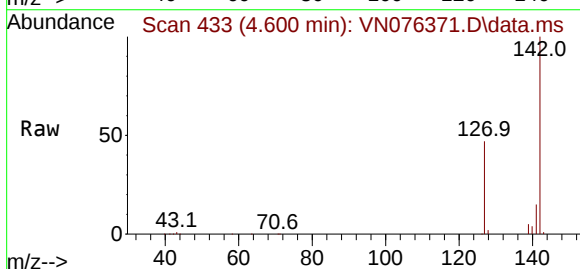
Manual Integrations
APPROVED

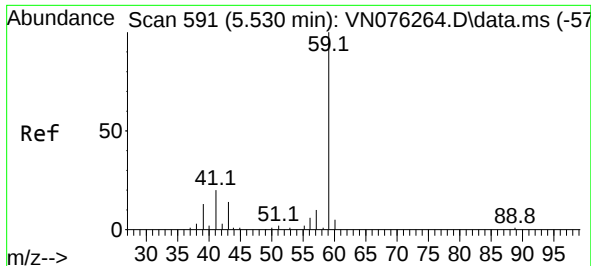
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 47.526 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

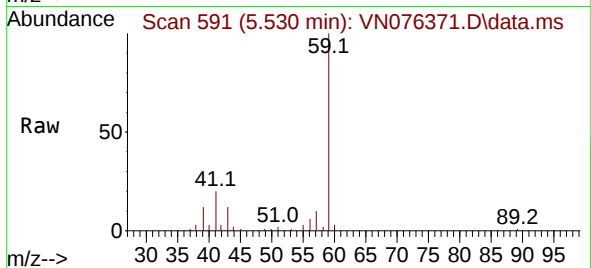
Tgt Ion:142 Resp: 287742
Ion Ratio Lower Upper
142 100
127 45.3 35.0 52.4
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 195.324 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

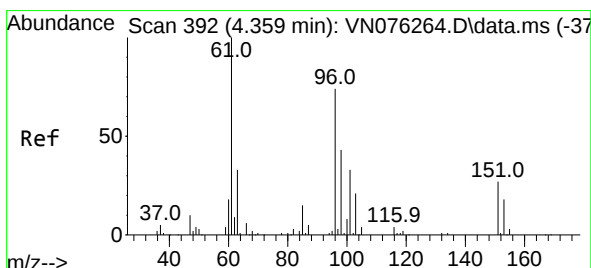
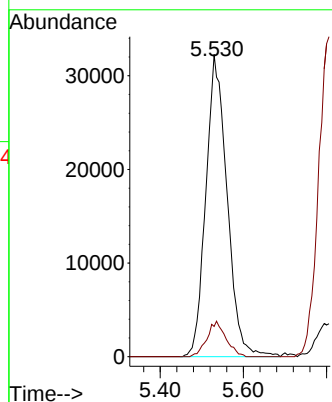
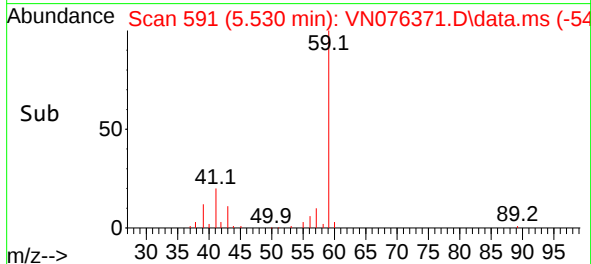
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



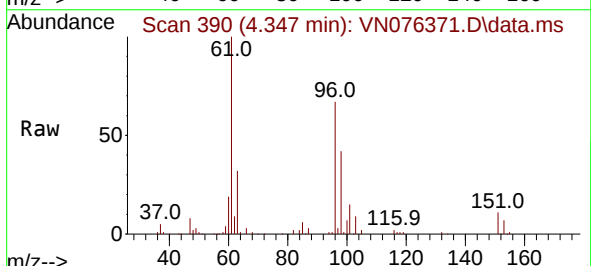
Tgt Ion: 59 Resp: 114432
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

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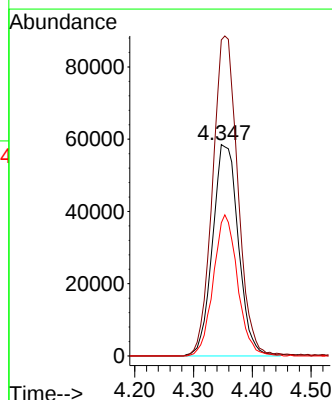
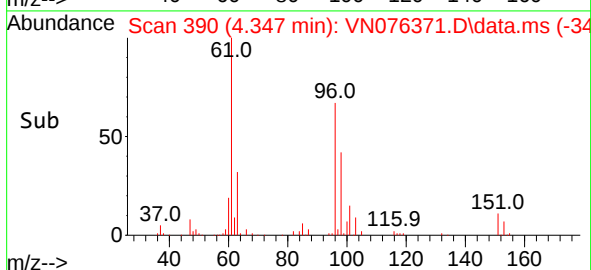
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

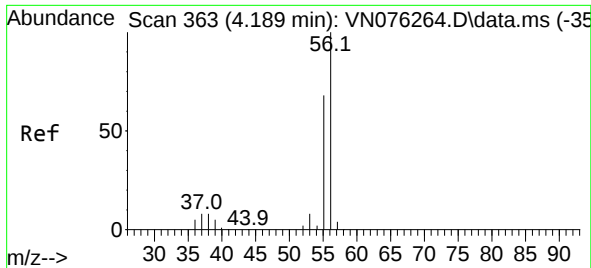


#12
1,1-Dichloroethene
Concen: 47.560 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



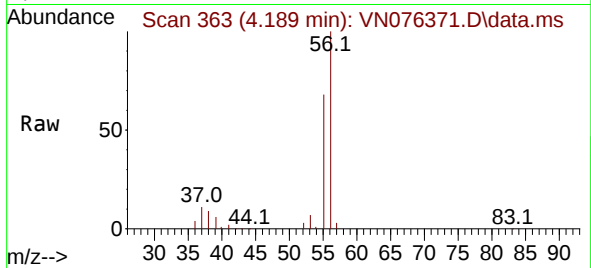
Tgt Ion: 96 Resp: 178201
Ion Ratio Lower Upper
96 100
61 149.5 108.2 162.4
98 62.9 47.0 70.6





#13
Acrolein
Concen: 207.743 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

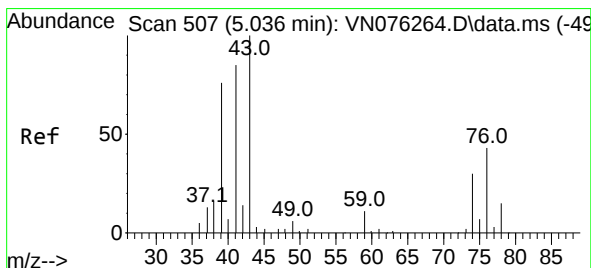
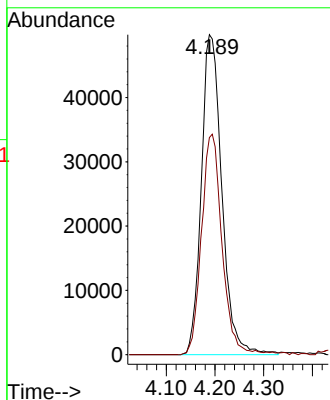
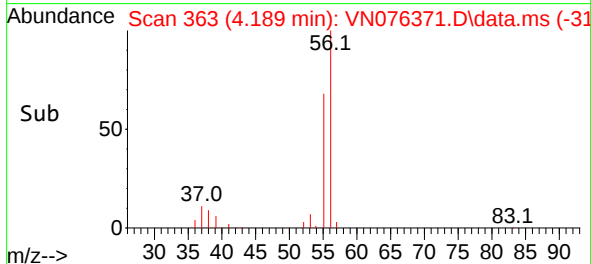
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14555
Ion Ratio Lower Upper
56 100
55 68.6 55.8 83.6

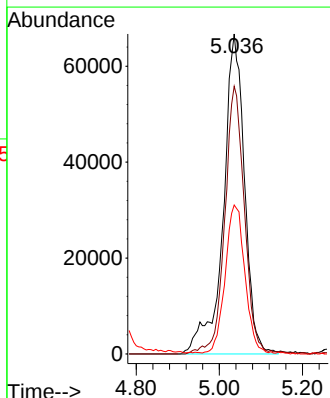
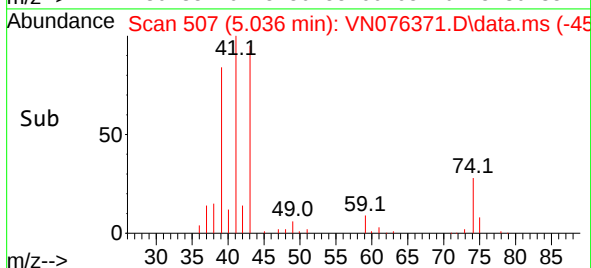
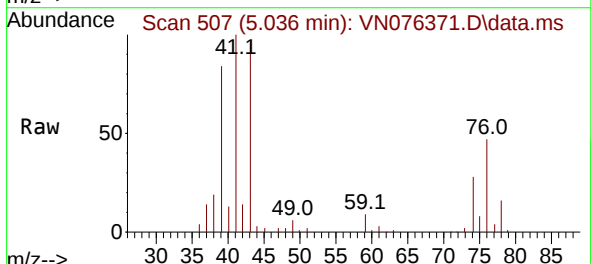
Manual Integrations
APPROVED

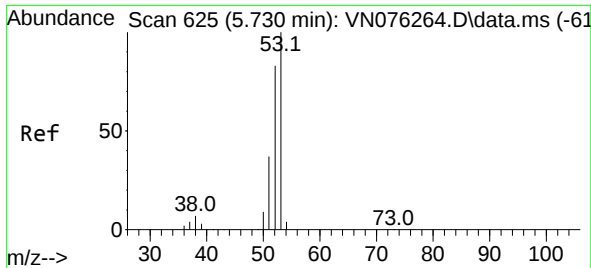
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#14
Allyl chloride
Concen: 54.372 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

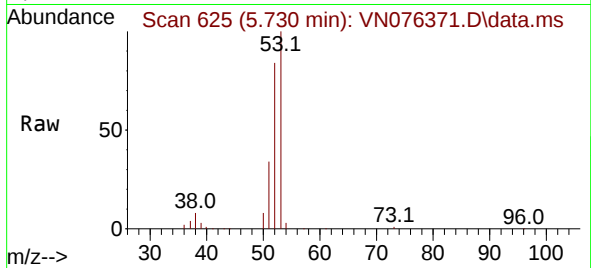
Tgt Ion: 41 Resp: 237407
Ion Ratio Lower Upper
41 100
39 77.1 67.4 101.0
76 42.6 39.8 59.8





#15
Acrylonitrile
Concen: 228.041 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

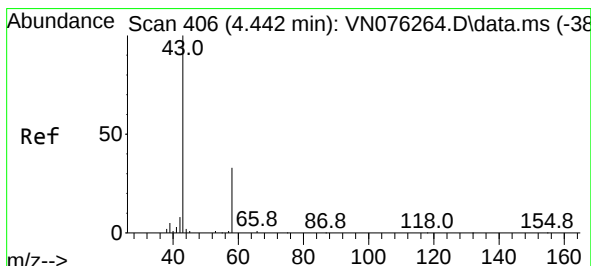
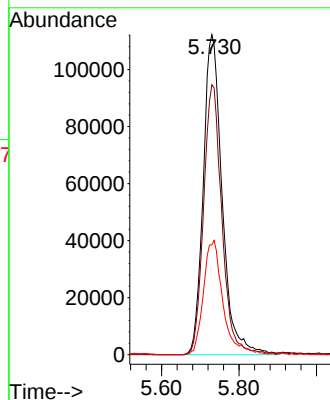
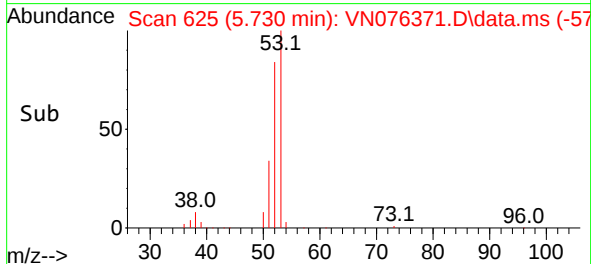
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 38018
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 36.9 29.2 43.8

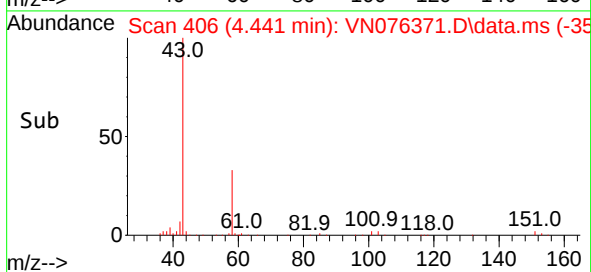
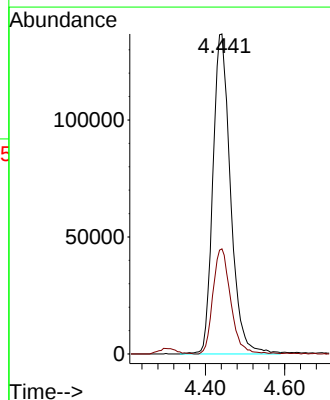
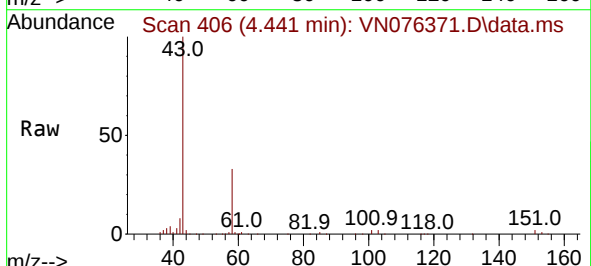
Manual Integrations
APPROVED

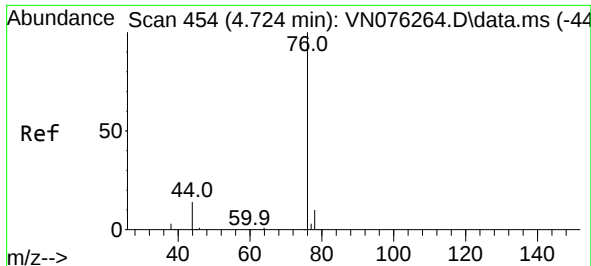
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#16
Acetone
Concen: 300.861 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

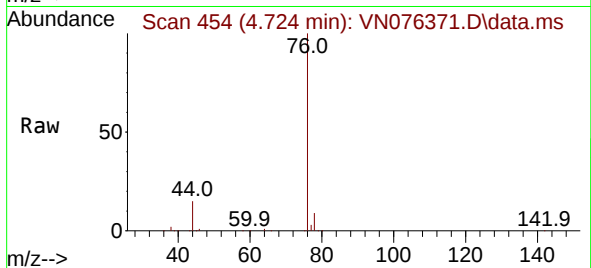
Tgt Ion: 43 Resp: 422419
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1





#17
Carbon Disulfide
Concen: 44.574 ug/l
RT: 4.724 min Scan# 415844
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

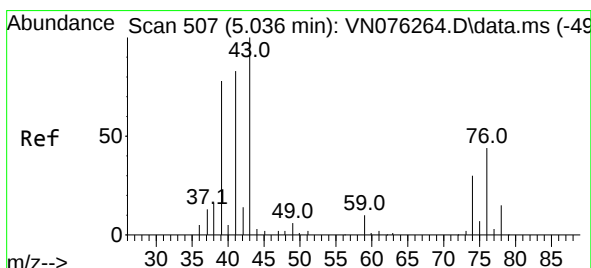
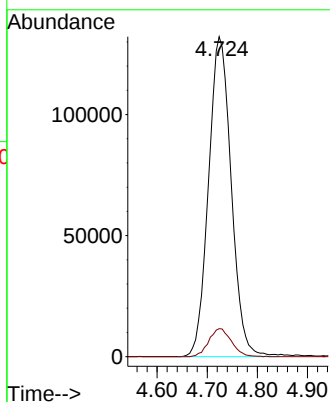
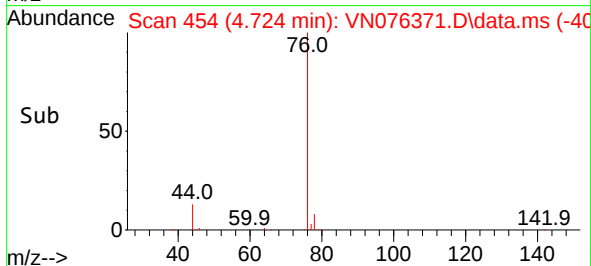
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



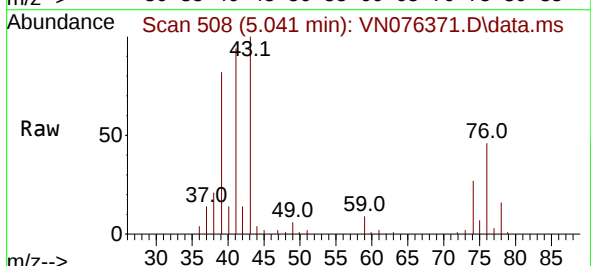
Tgt Ion: 76 Resp: 415844
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0

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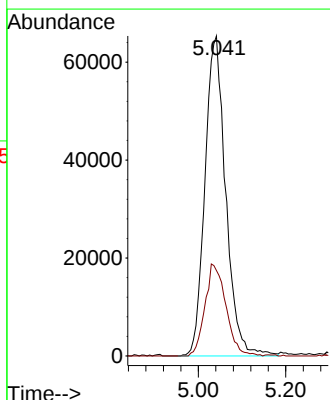
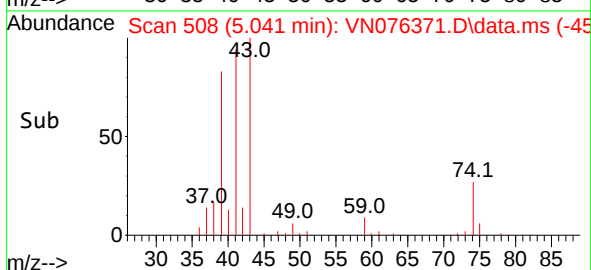
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

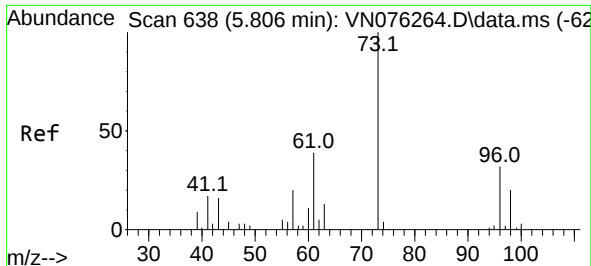


#18
Methyl Acetate
Concen: 45.275 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



Tgt Ion: 43 Resp: 215440
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9





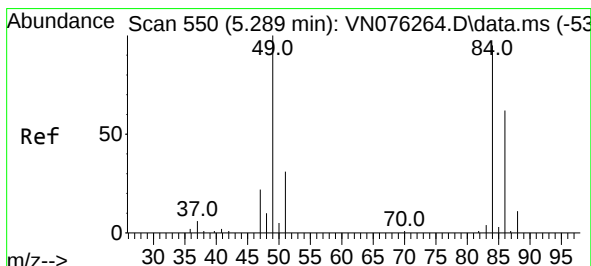
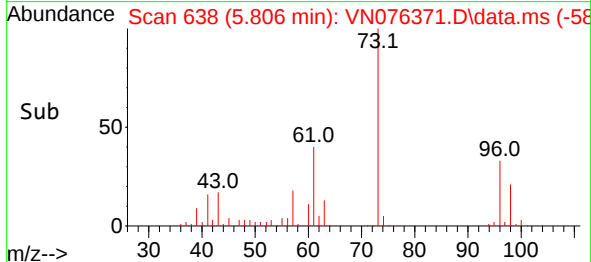
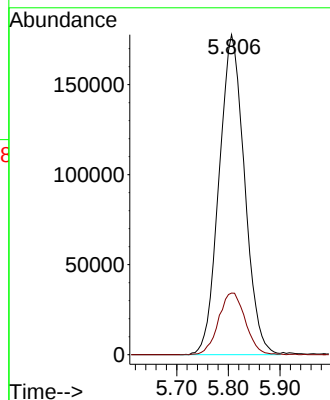
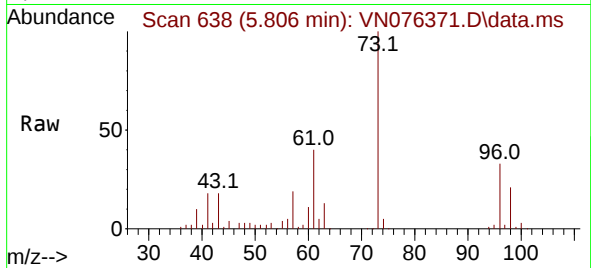
#19
Methyl tert-butyl Ether
Concen: 49.940 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 60916
Ion Ratio Lower Upper
73 100
57 19.2 15.9 23.9

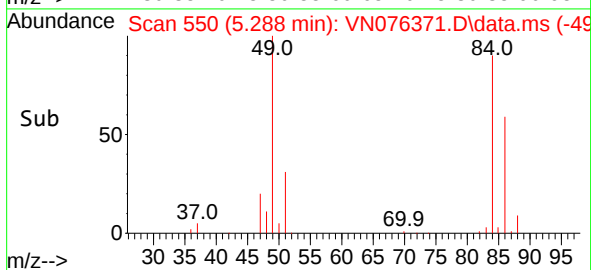
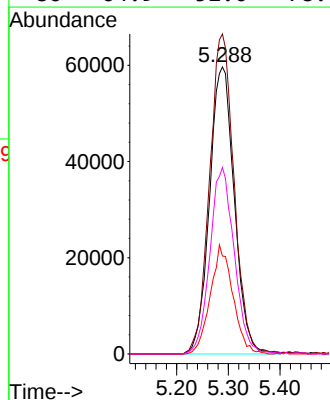
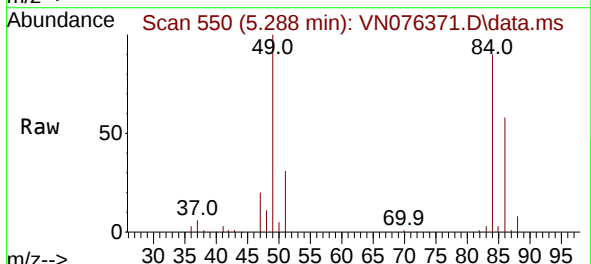
Manual Integrations
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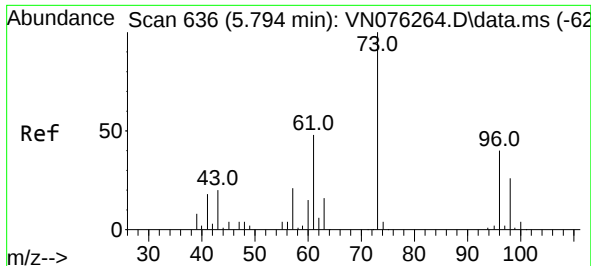
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 47.804 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 84 Resp: 198726
Ion Ratio Lower Upper
84 100
49 111.5 84.5 126.7
51 34.1 26.0 39.0
86 64.9 52.0 78.0





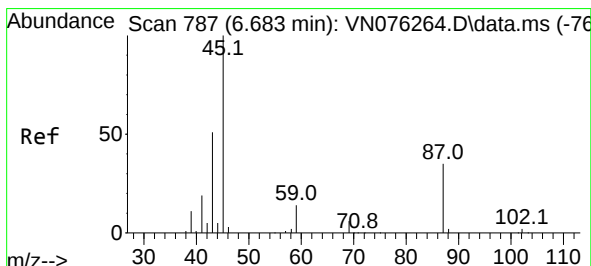
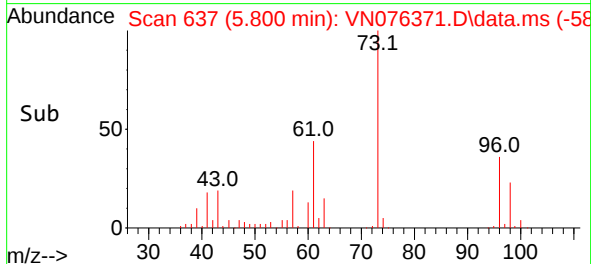
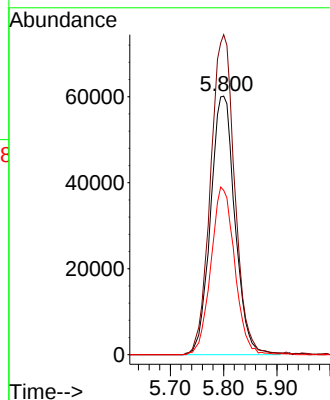
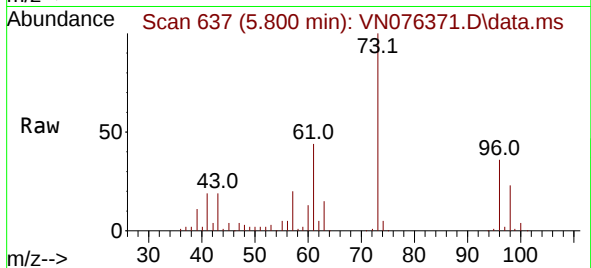
#21
trans-1,2-Dichloroethene
Concen: 47.090 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 19114
Ion Ratio Lower Upper
96 100
61 123.8 97.0 145.4
98 63.6 51.9 77.9

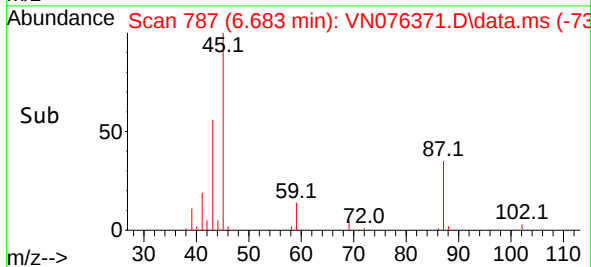
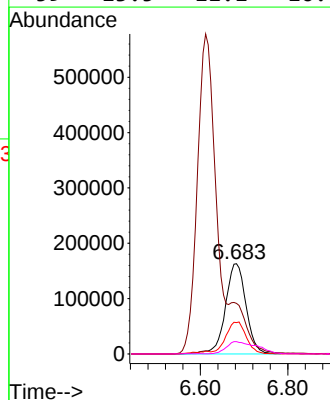
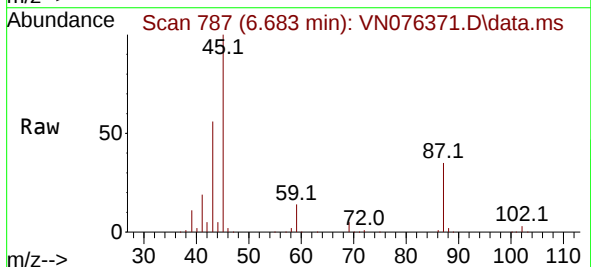
Manual Integrations
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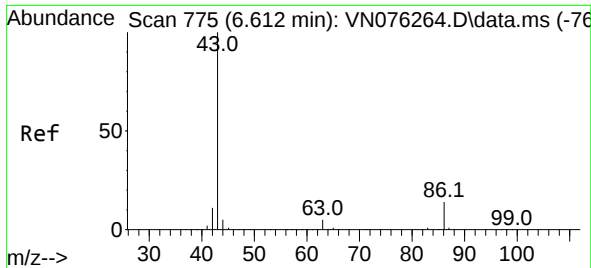
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 51.818 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 45 Resp: 533572
Ion Ratio Lower Upper
45 100
43 54.7 44.4 66.6
87 34.5 28.4 42.6
59 13.5 11.1 16.7





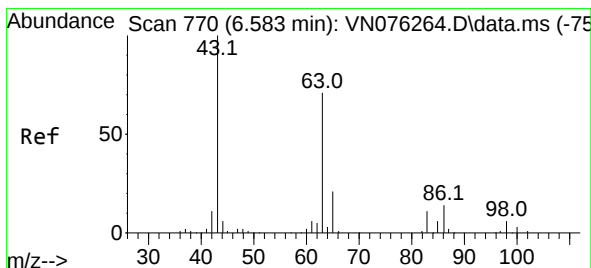
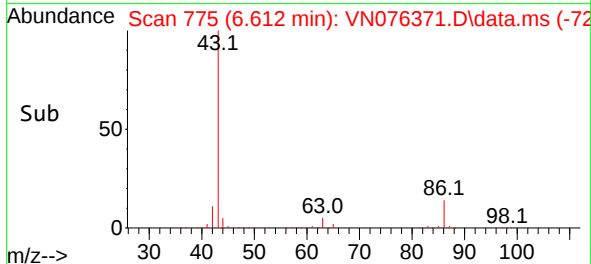
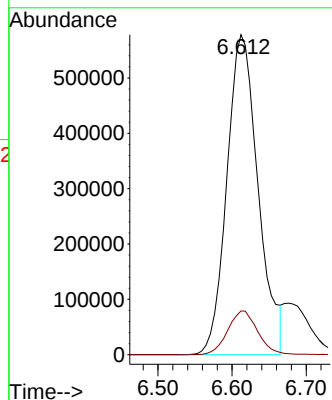
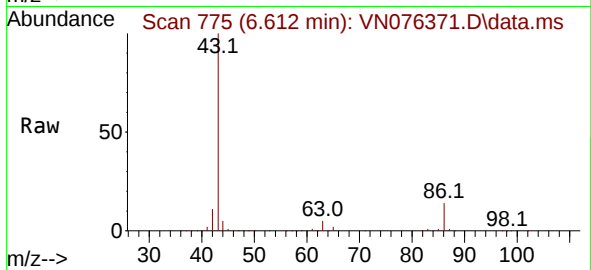
#23
 Vinyl Acetate
 Concen: 254.705 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1695020
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8

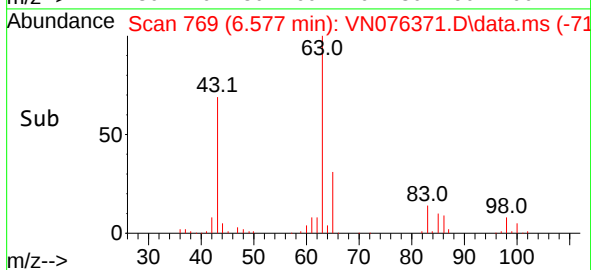
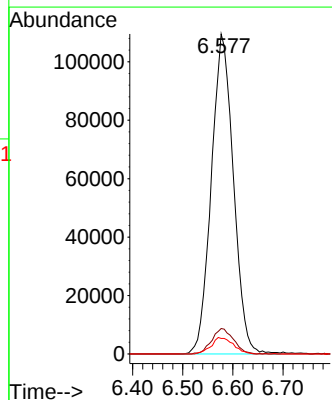
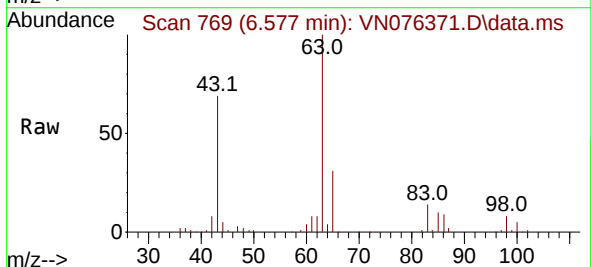
Manual Integrations
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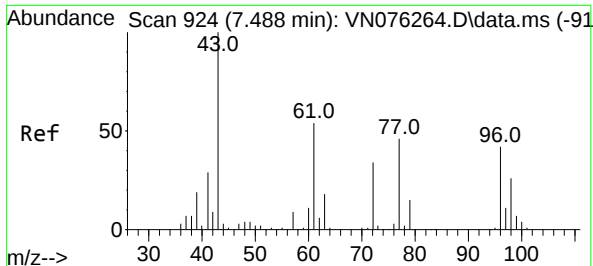
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#24
 1,1-Dichloroethane
 Concen: 48.880 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

Tgt Ion: 63 Resp: 335498
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 241.635 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 51818

Ion Ratio Lower Upper

43 100

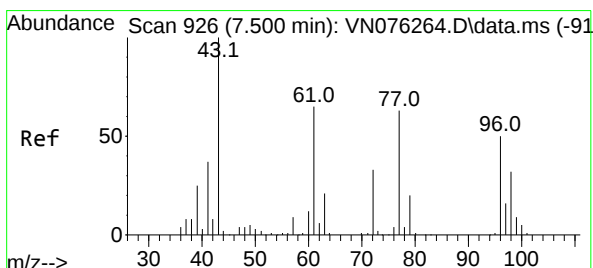
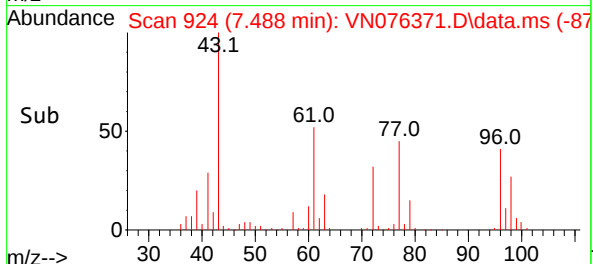
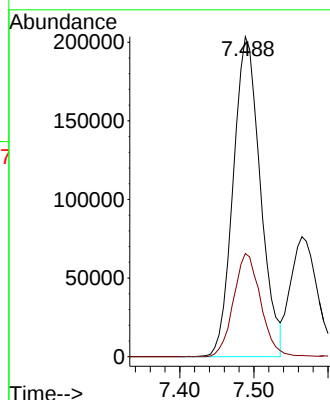
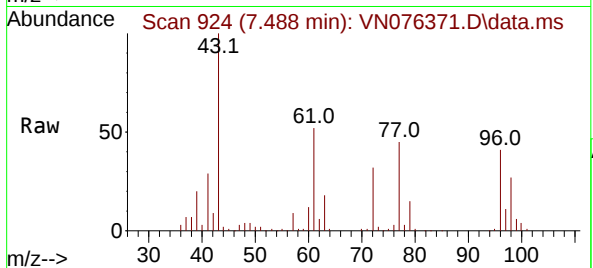
72 32.2 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#26

2,2-Dichloropropane

Concen: 51.681 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076371.D

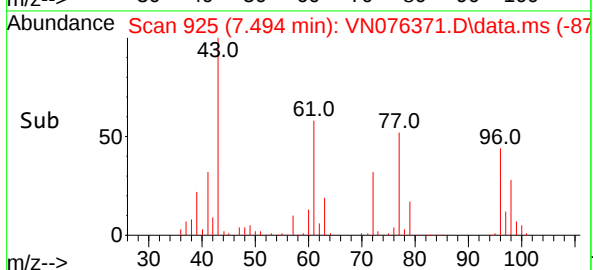
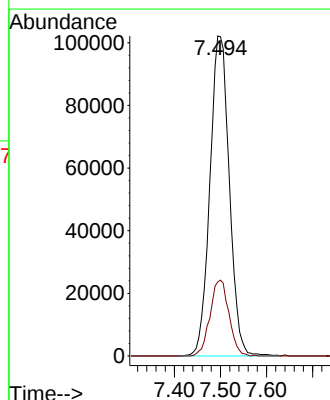
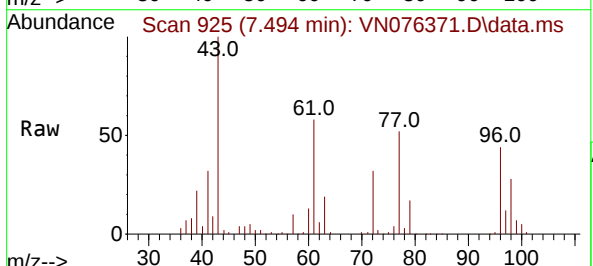
Acq: 24 Jan 2023 10:06

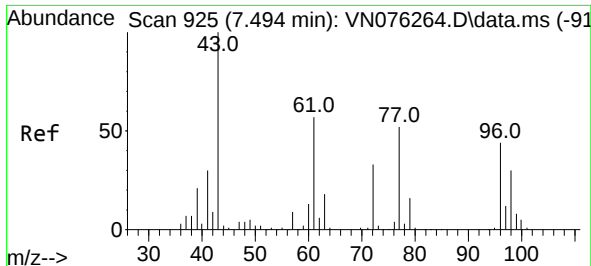
Tgt Ion: 77 Resp: 298972

Ion Ratio Lower Upper

77 100

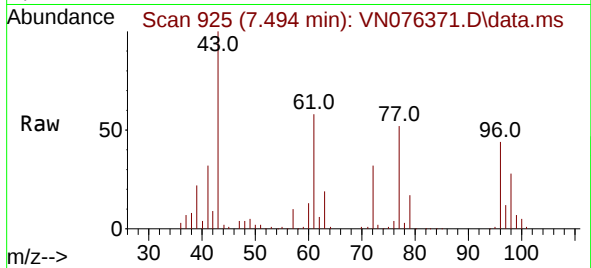
97 23.1 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 48.637 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

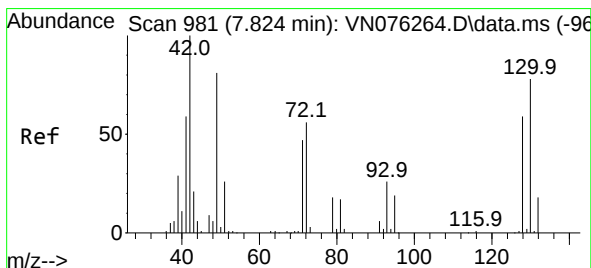
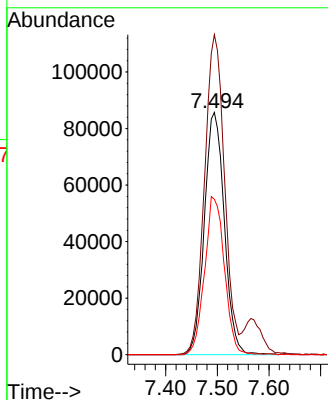
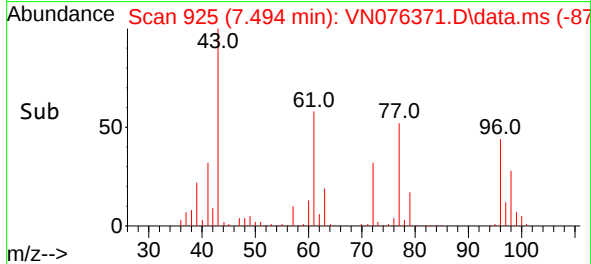
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 23025
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 259.6
 98 64.6 0.0 129.4

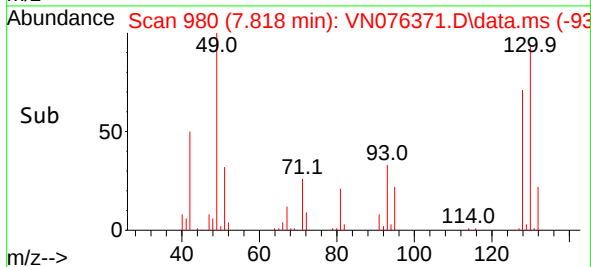
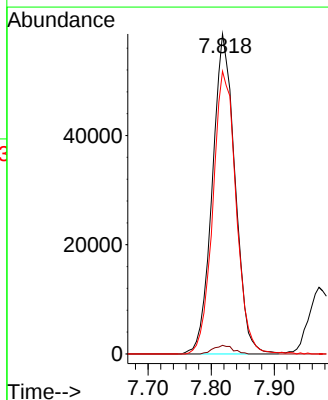
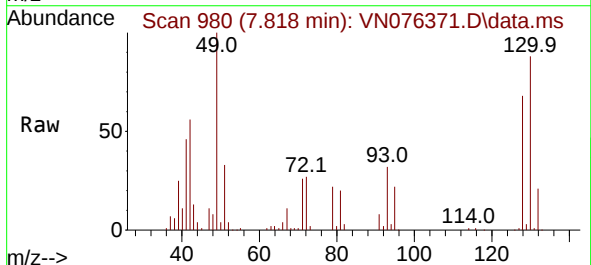
Manual Integrations
 APPROVED

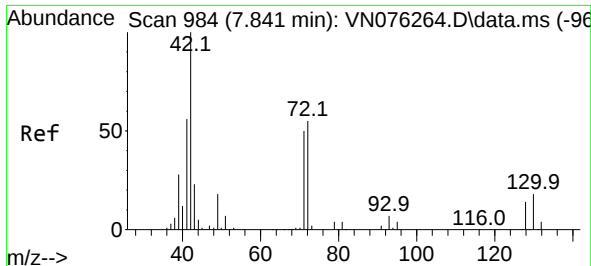
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#28
 Bromochloromethane
 Concen: 52.633 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

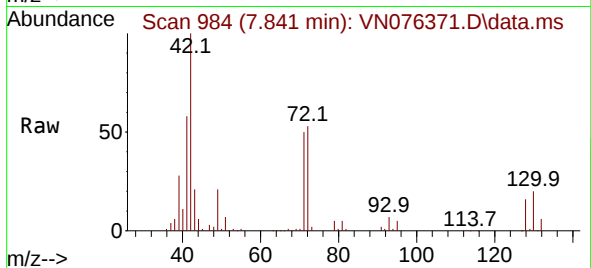
Tgt Ion: 49 Resp: 146426
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 90.5 76.0 114.0





#29
Tetrahydrofuran
Concen: 231.785 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

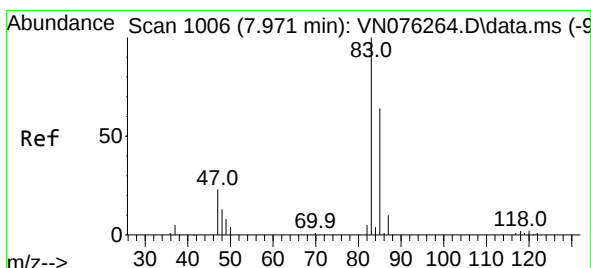
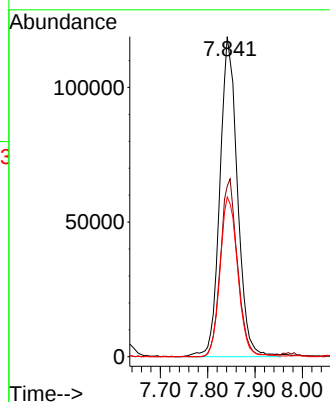
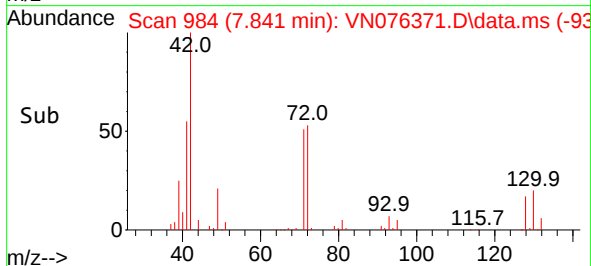
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



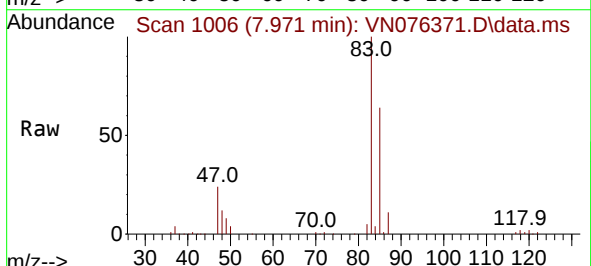
Tgt Ion: 42 Resp: 306778
Ion Ratio Lower Upper
42 100
72 53.8 44.0 66.0
71 50.1 41.1 61.7

Manual Integrations
APPROVED

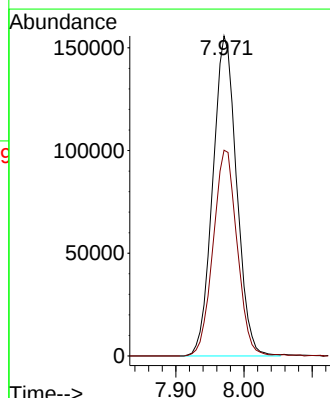
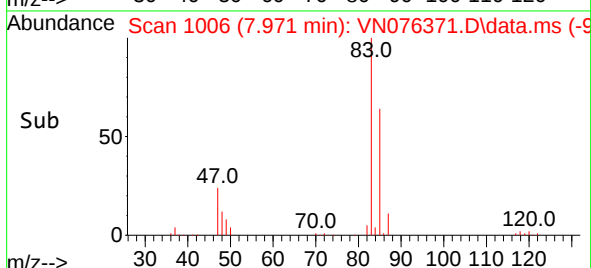
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

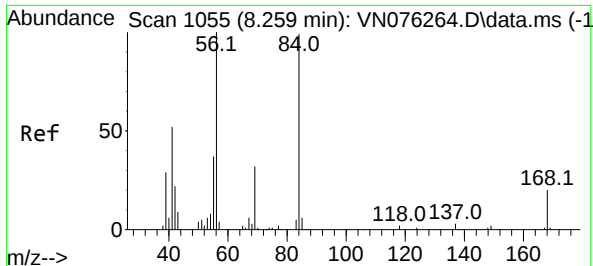


#30
Chloroform
Concen: 49.907 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



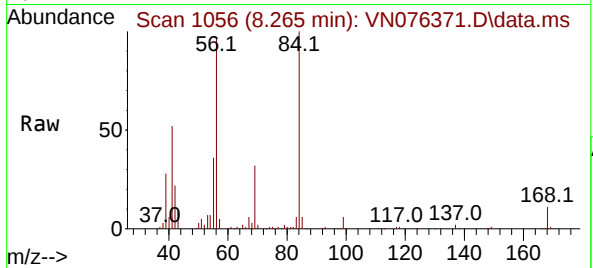
Tgt Ion: 83 Resp: 379026
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.6





#31
Cyclohexane
Concen: 44.967 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

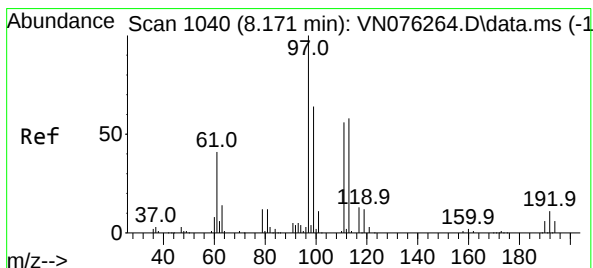
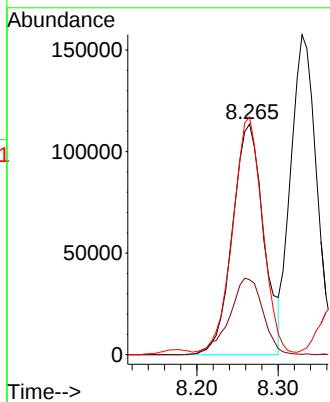
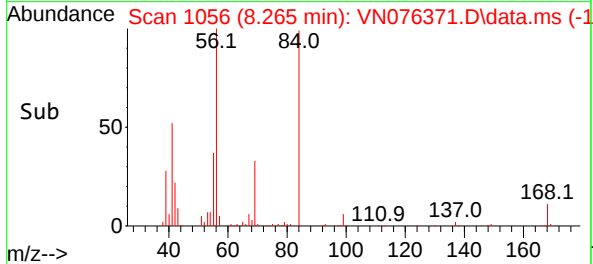
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



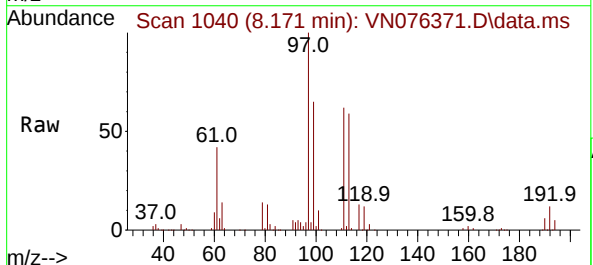
Tgt Ion: 56 Resp: 302554
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.8
84 100.9 79.0 118.4

Manual Integrations
APPROVED

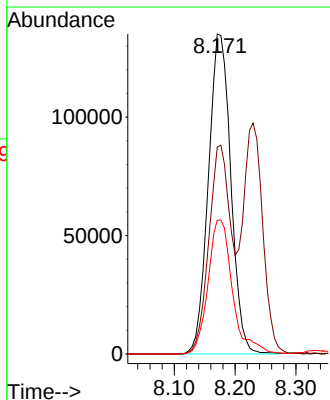
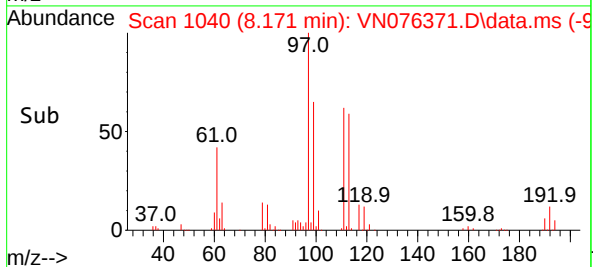
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

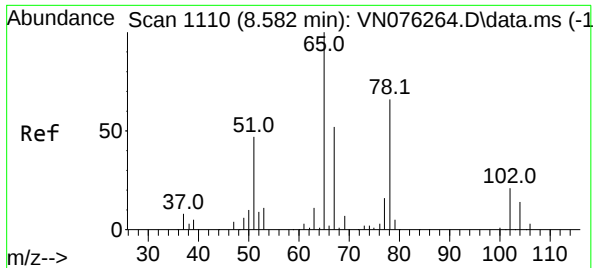


#32
1,1,1-Trichloroethane
Concen: 49.907 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



Tgt Ion: 97 Resp: 346051
Ion Ratio Lower Upper
97 100
99 63.0 55.0 82.4
61 45.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.686 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22638

Ion Ratio Lower Upper

65 100

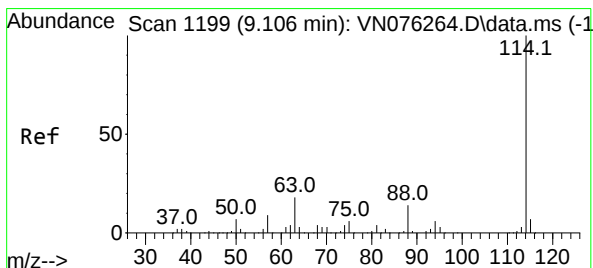
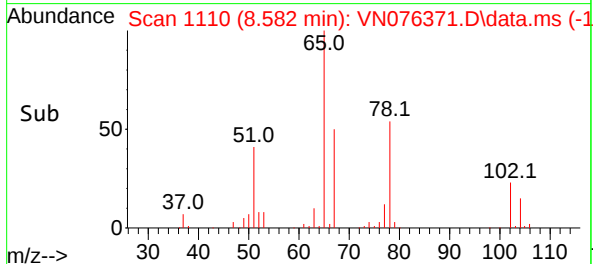
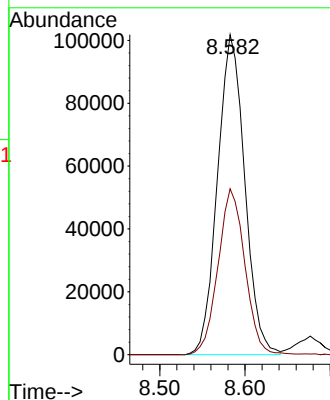
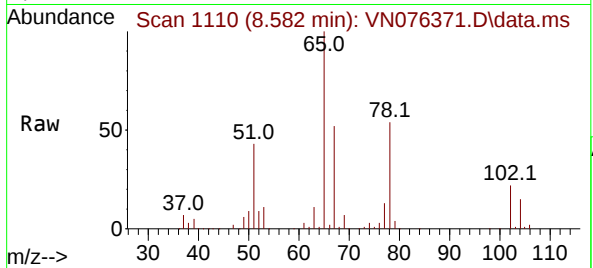
67 51.1 0.0 104.6

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: VN076371.D

Acq: 24 Jan 2023 10:06

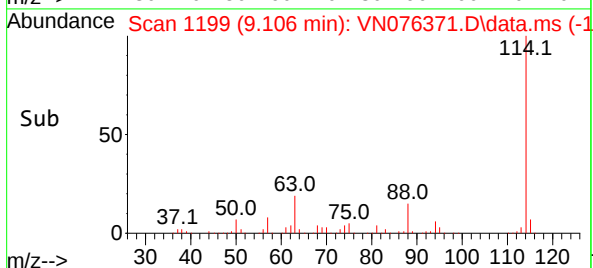
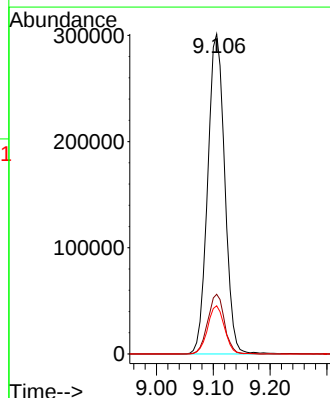
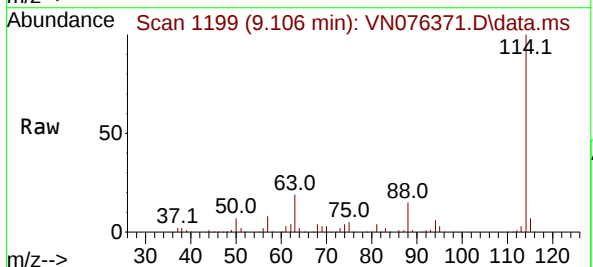
Tgt Ion:114 Resp: 625240

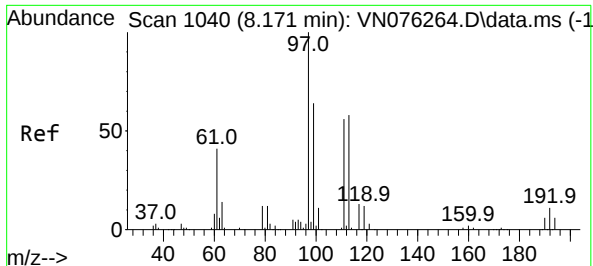
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.726 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 19839

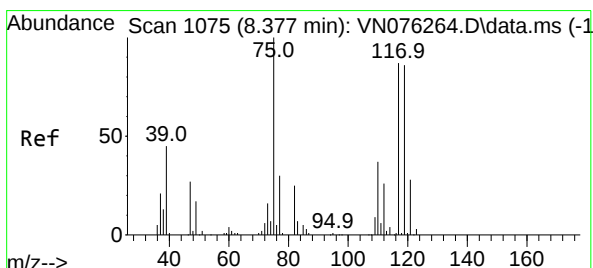
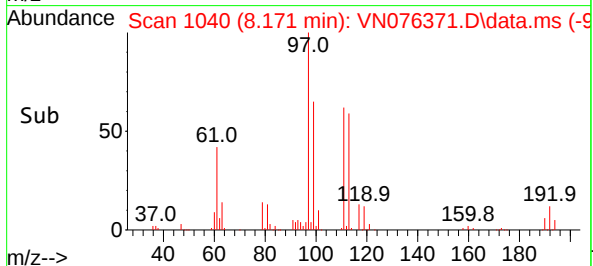
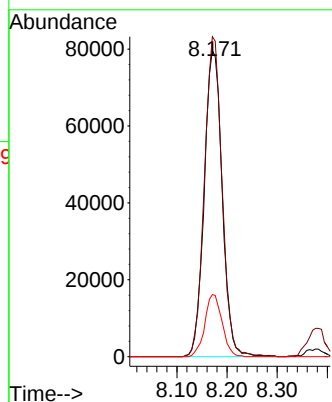
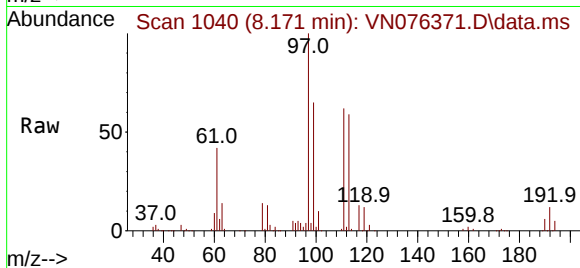
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	19.5	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#36

1,1-Dichloropropene

Concen: 48.710 ug/l

RT: 8.377 min Scan# 1075

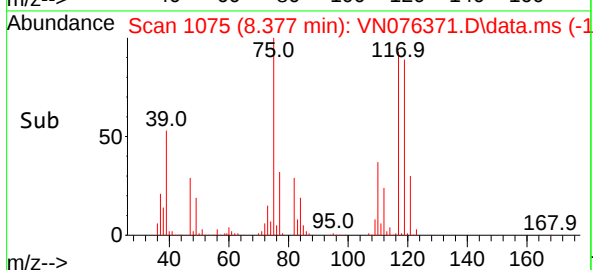
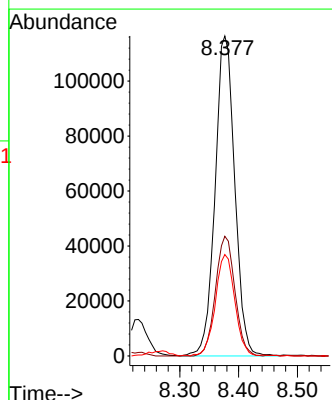
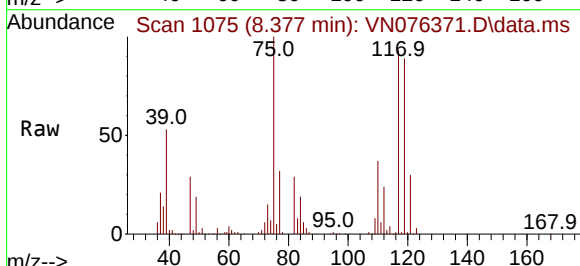
Delta R.T. -0.001 min

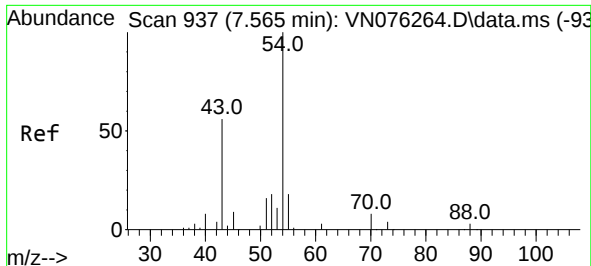
Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 270710

Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.8	56.3
77	30.9	25.0	37.4





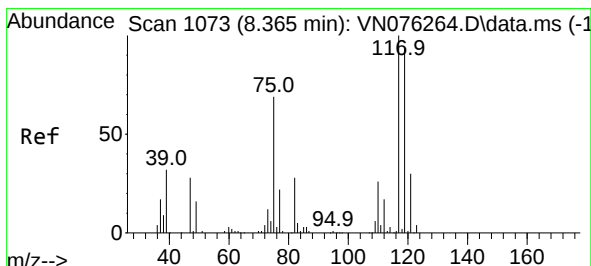
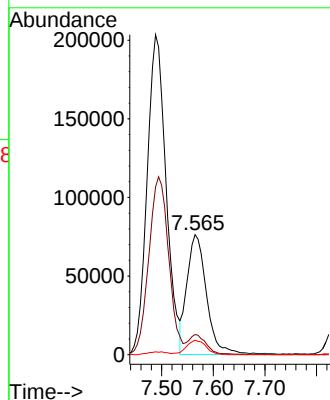
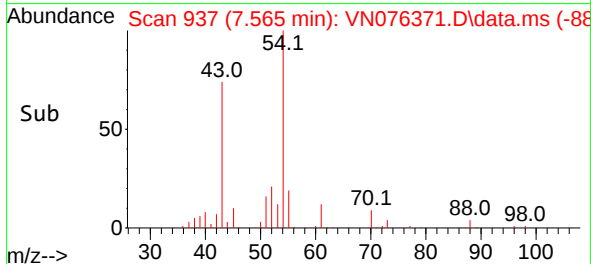
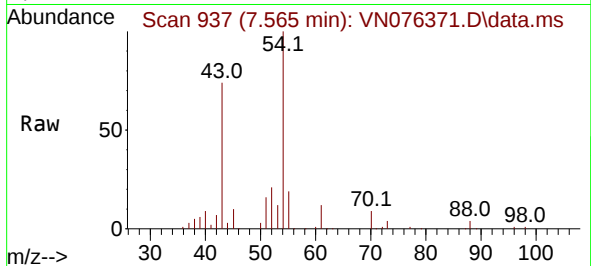
#37
Ethyl Acetate
Concen: 44.755 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 199490
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 12.0 10.0 15.0

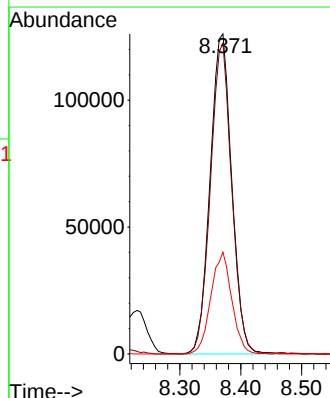
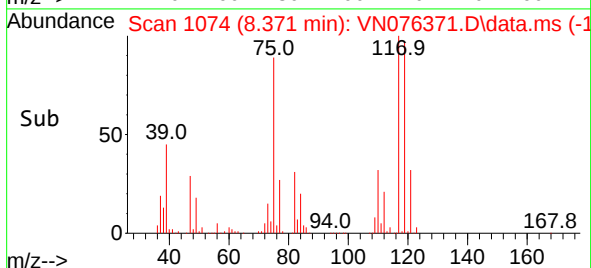
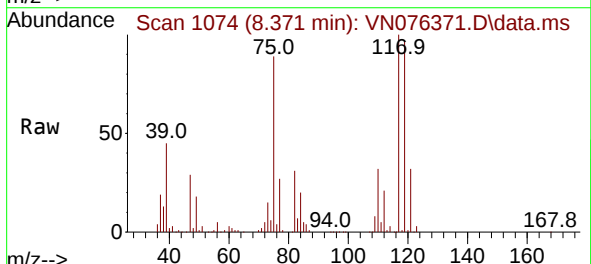
Manual Integrations
APPROVED

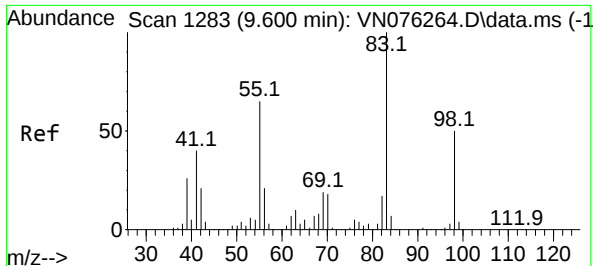
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 50.218 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:117 Resp: 311231
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 51.647 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

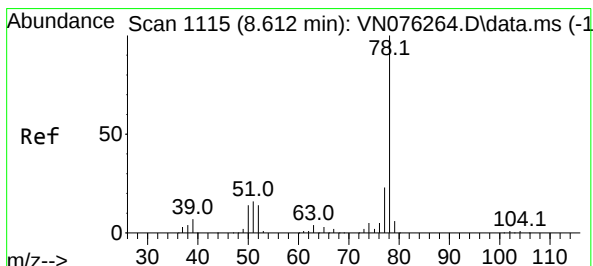
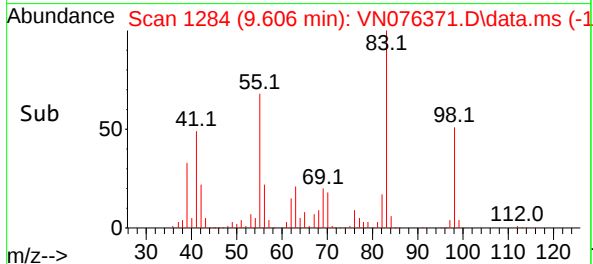
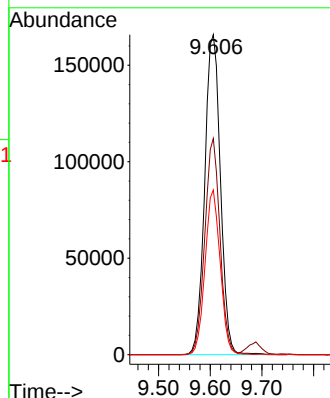
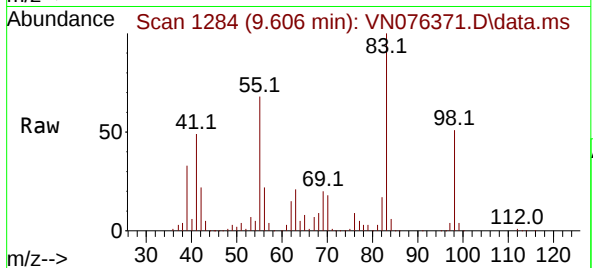
VSTDCCC050

Tgt Ion: 83 Resp: 35052
 Ion Ratio Lower Upper
 83 100
 55 67.6 51.7 77.5
 98 51.5 40.0 60.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 48.521 ug/l

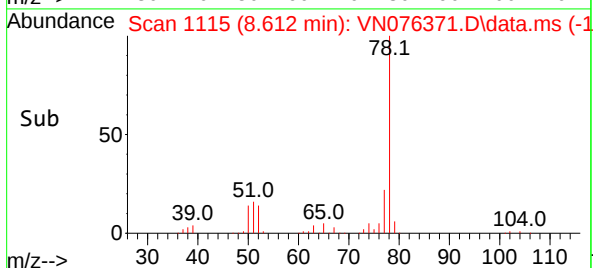
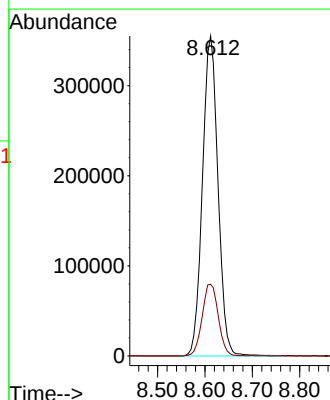
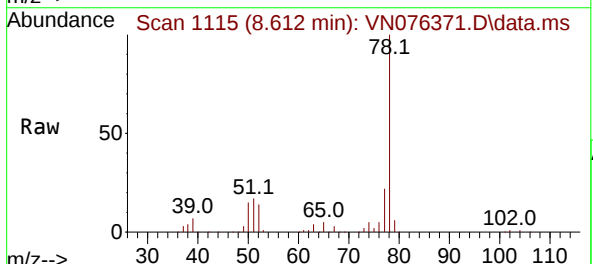
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

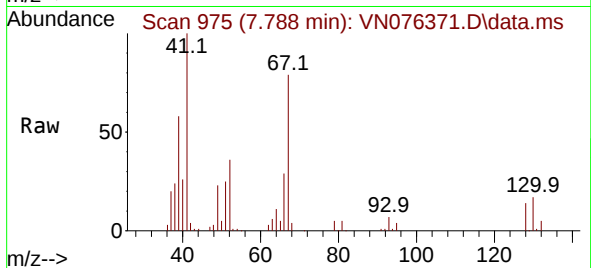
Tgt Ion: 78 Resp: 806336
 Ion Ratio Lower Upper
 78 100
 77 22.4 18.6 28.0





#41
Methacrylonitrile
Concen: 48.020 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

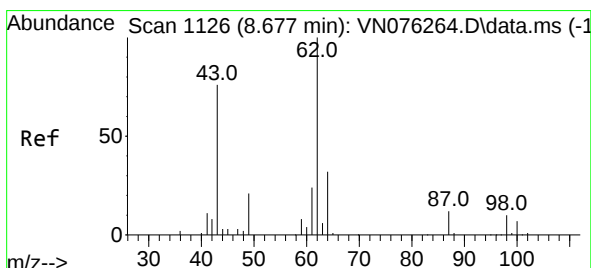
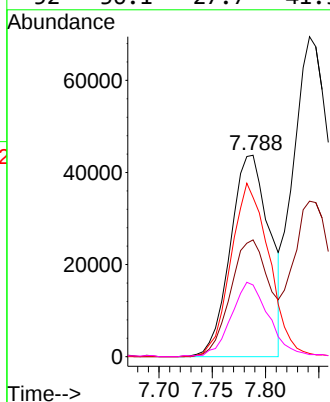
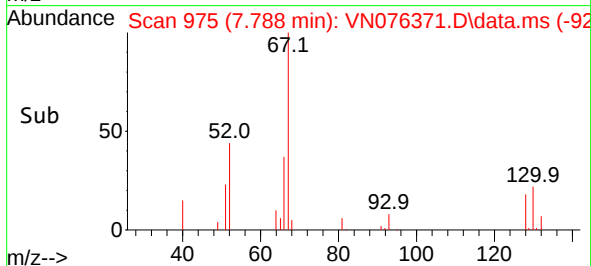
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11208
Ion Ratio Lower Upper
41 100
39 57.8 42.4 63.6
67 84.8 68.8 103.2
52 36.1 27.7 41.5

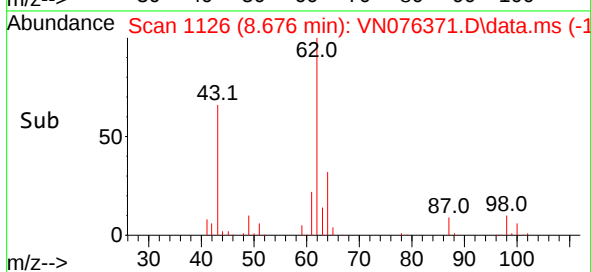
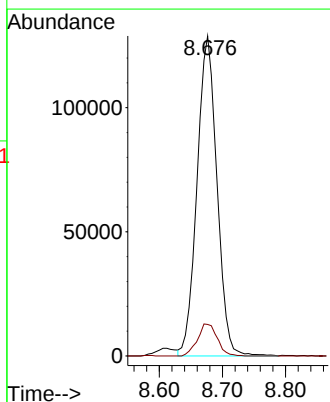
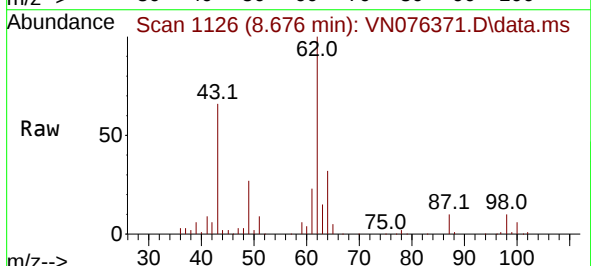
Manual Integrations
APPROVED

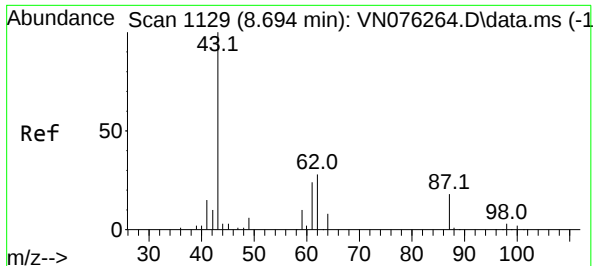
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#42
1,2-Dichloroethane
Concen: 49.641 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 62 Resp: 282253
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43

Isopropyl Acetate

Concen: 49.001 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 35534

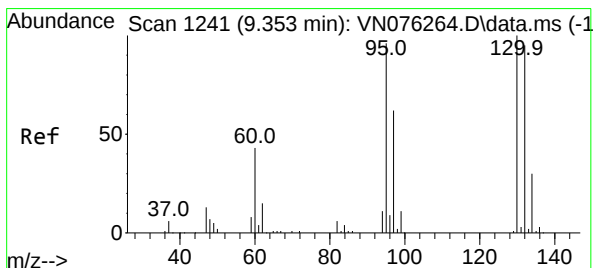
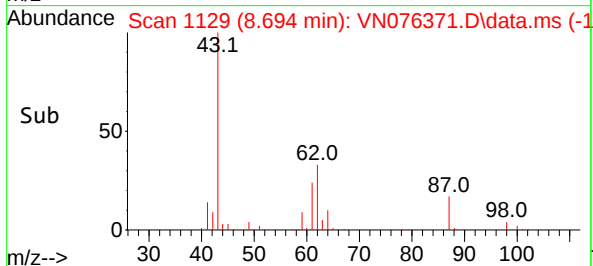
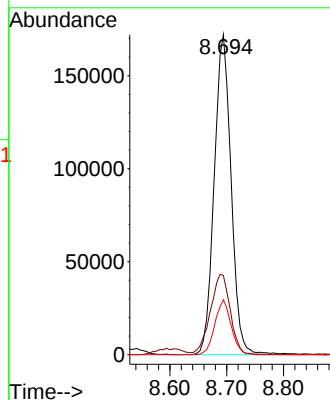
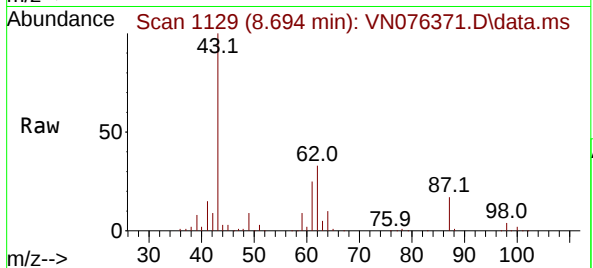
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.5	35.3
87	16.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#44

Trichloroethene

Concen: 46.341 ug/l

RT: 9.359 min Scan# 1242

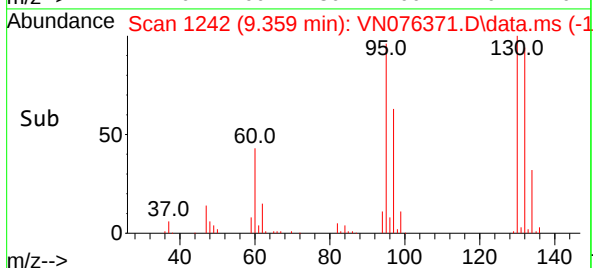
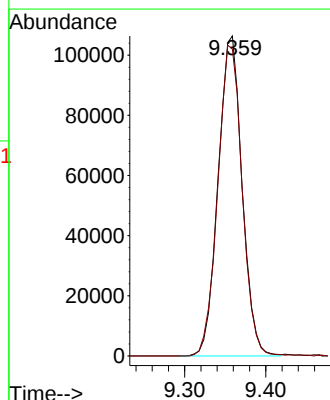
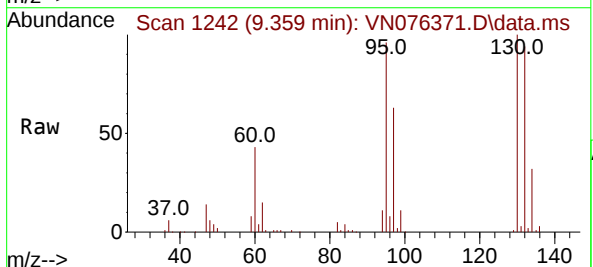
Delta R.T. 0.006 min

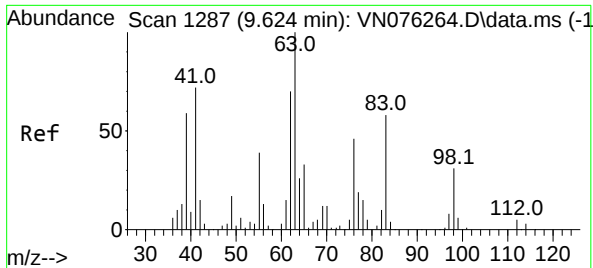
Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Tgt Ion:130 Resp: 217811

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 49.244 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 195930

Ion Ratio Lower Upper

63 100

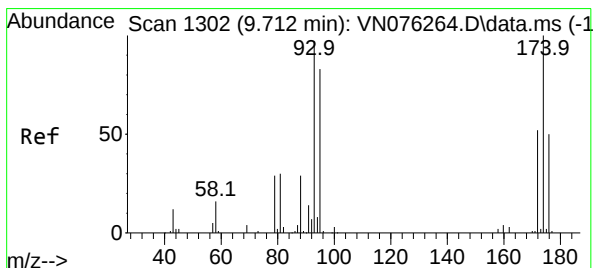
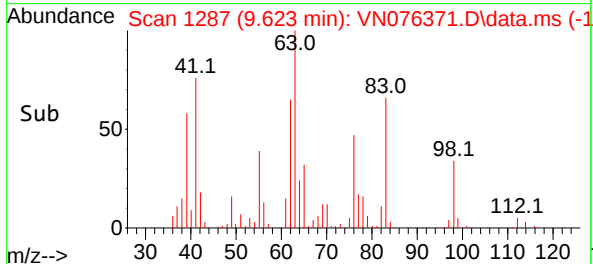
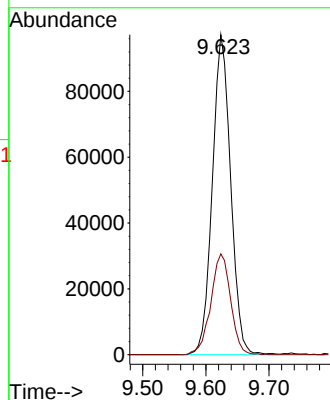
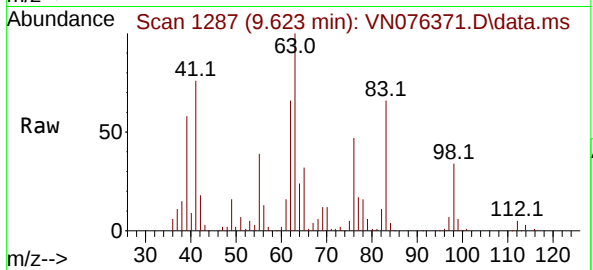
65 31.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#46

Dibromomethane

Concen: 48.230 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

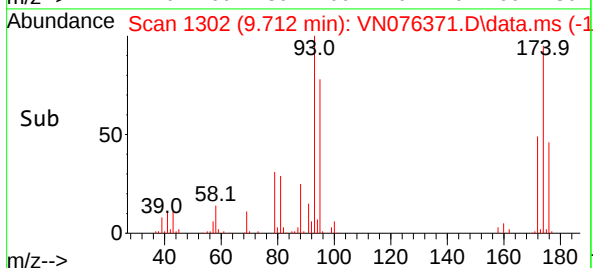
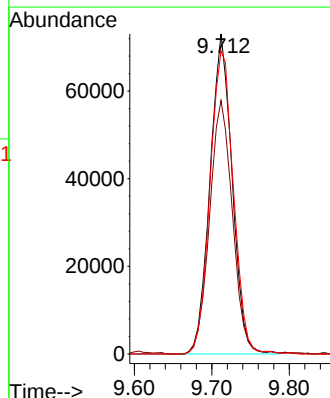
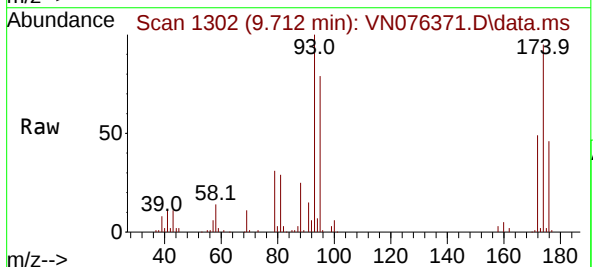
Tgt Ion: 93 Resp: 144882

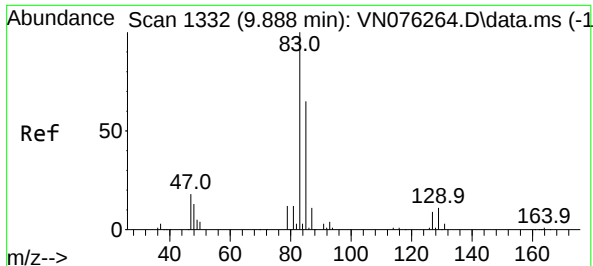
Ion Ratio Lower Upper

93 100

95 81.9 66.0 99.0

174 99.9 81.3 121.9





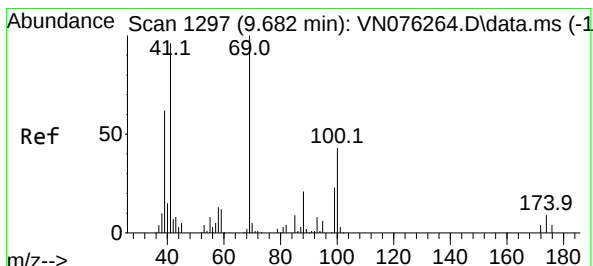
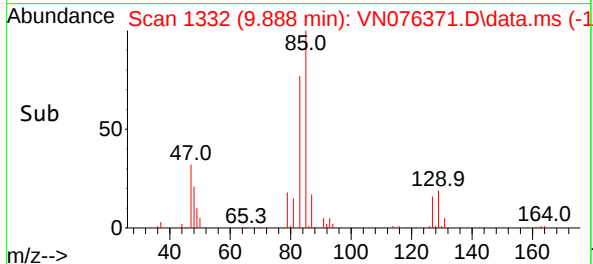
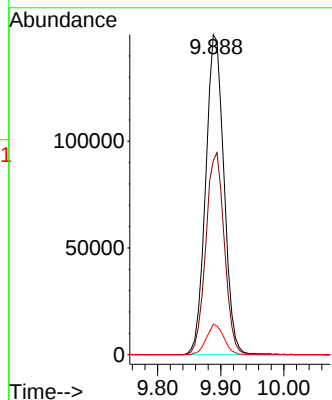
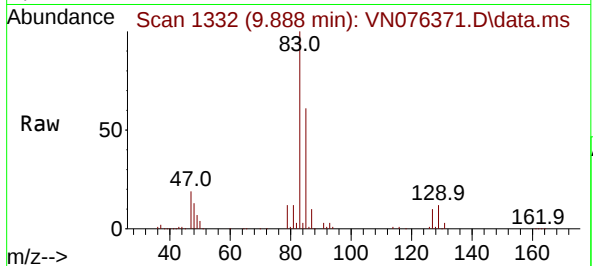
#47
Bromodichloromethane
Concen: 51.673 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 30106
Ion Ratio Lower Upper
83 100
85 60.7 52.1 78.1
127 9.5 7.4 11.0

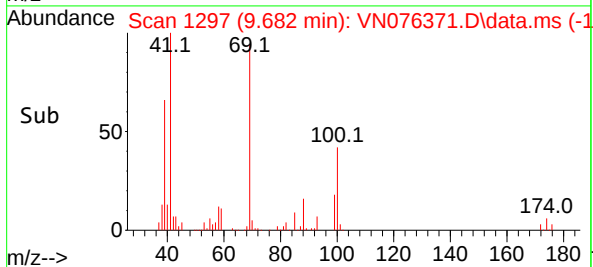
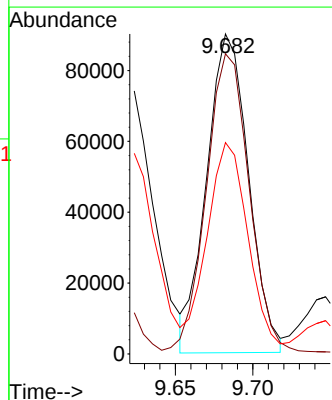
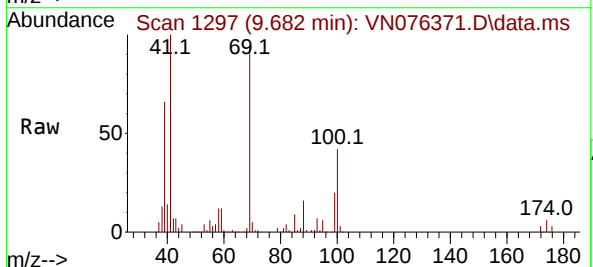
Manual Integrations
APPROVED

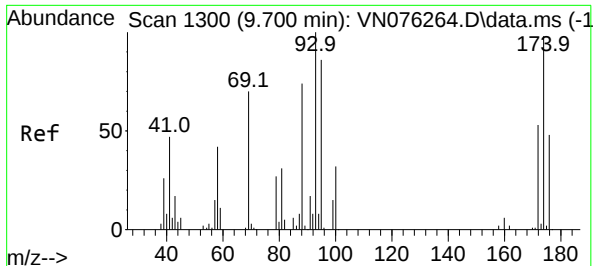
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#48
Methyl methacrylate
Concen: 49.185 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 41 Resp: 168859
Ion Ratio Lower Upper
41 100
69 98.3 80.8 121.2
39 66.0 54.4 81.6





#49

1,4-Dioxane

Concen: 891.053 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 64549

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1

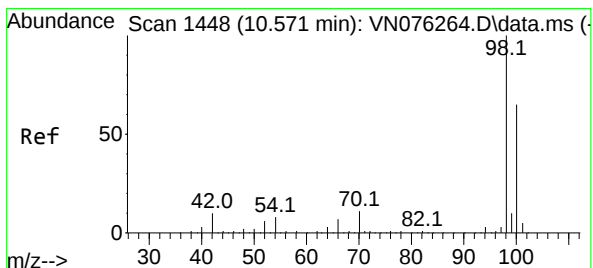
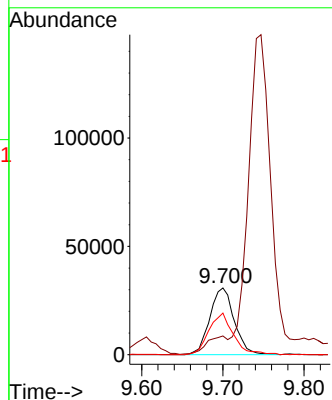
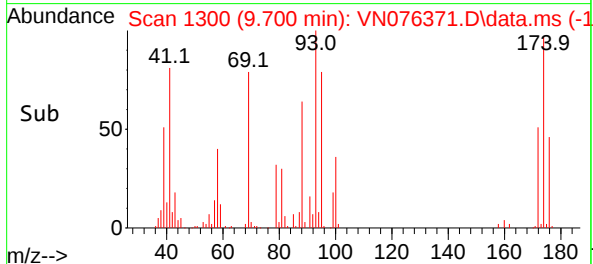
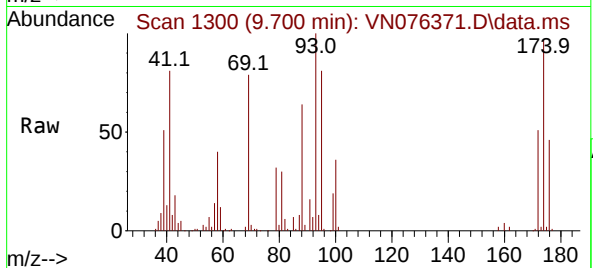
58 62.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 51.080 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076371.D

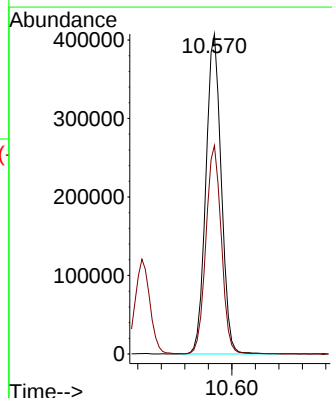
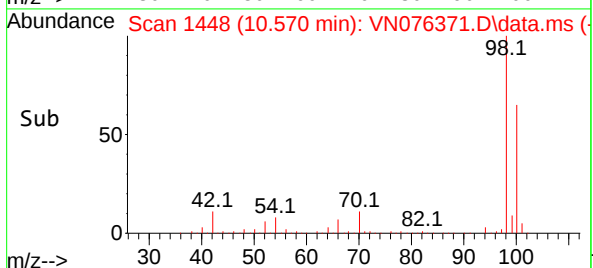
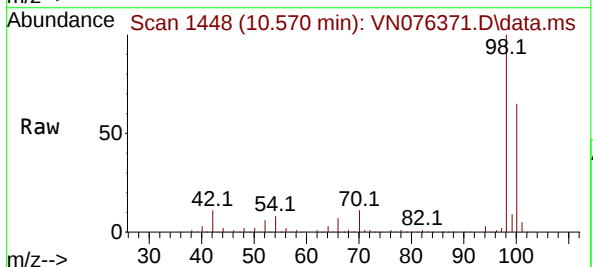
Acq: 24 Jan 2023 10:06

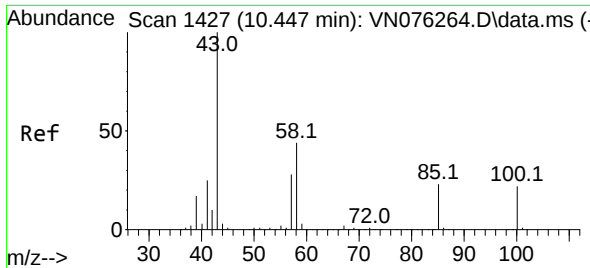
Tgt Ion: 98 Resp: 737810

Ion Ratio Lower Upper

98 100

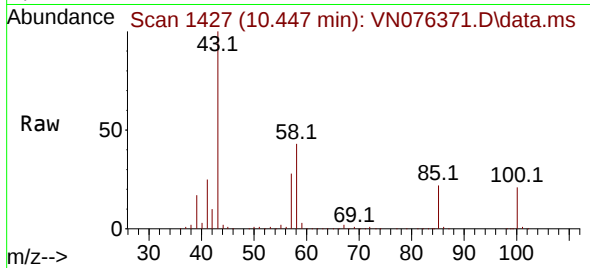
100 65.2 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 241.673 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

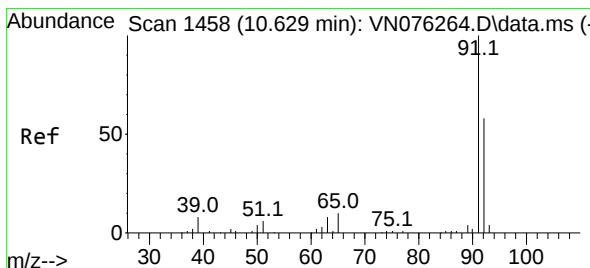
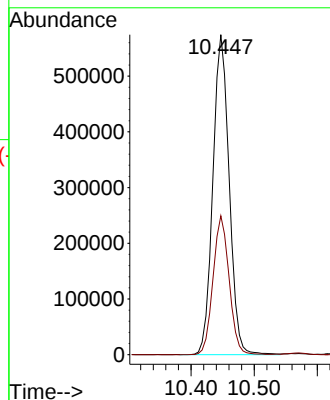
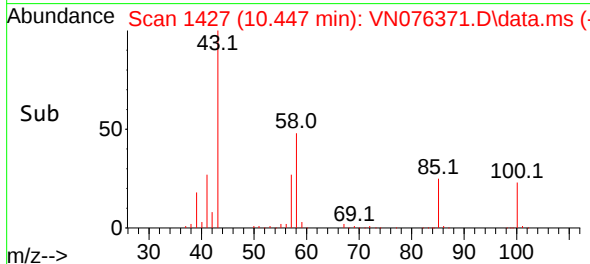
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1028828
Ion Ratio Lower Upper
43 100
58 42.9 35.1 52.7

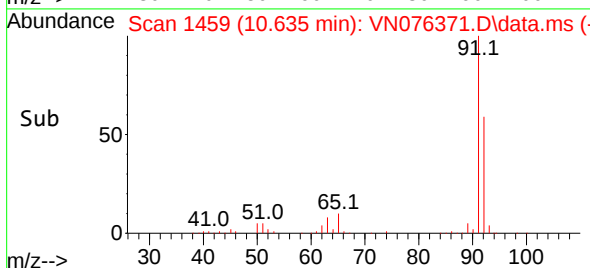
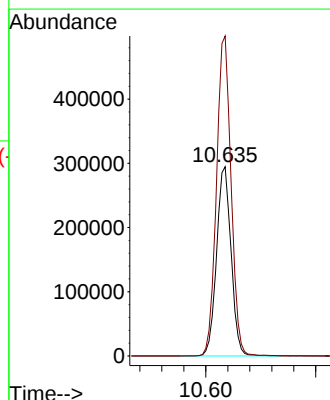
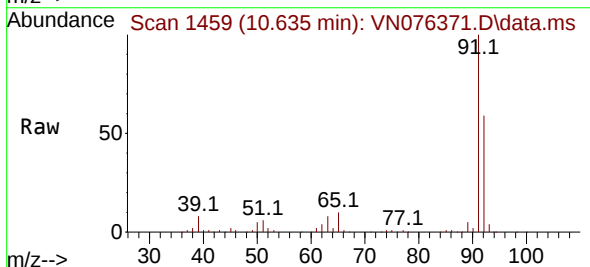
Manual Integrations
APPROVED

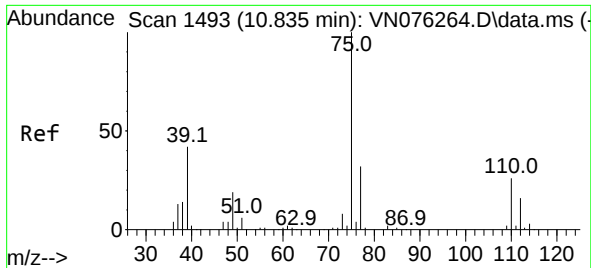
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#52
Toluene
Concen: 48.570 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 92 Resp: 539766
Ion Ratio Lower Upper
92 100
91 170.0 136.6 205.0





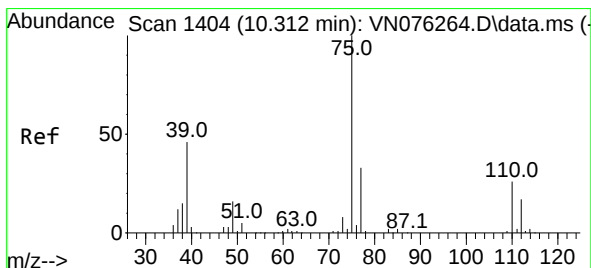
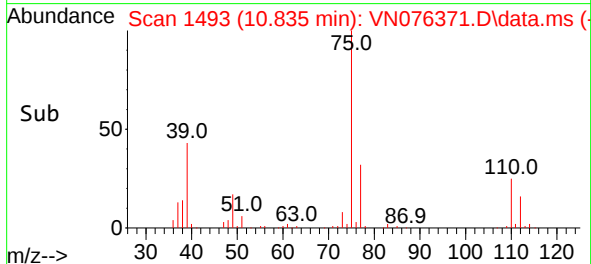
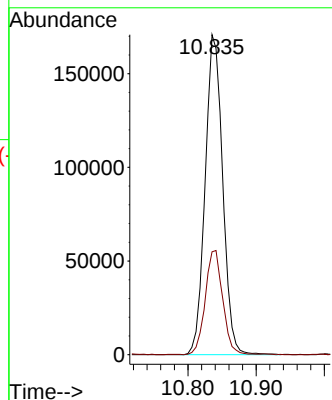
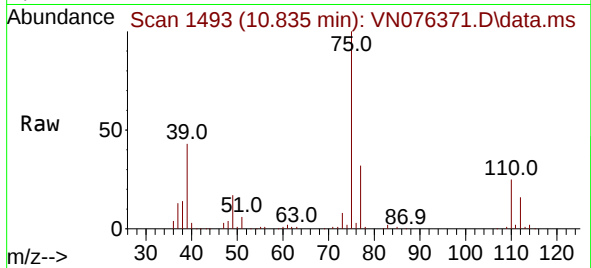
#53
t-1,3-Dichloropropene
Concen: 55.044 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 305720
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

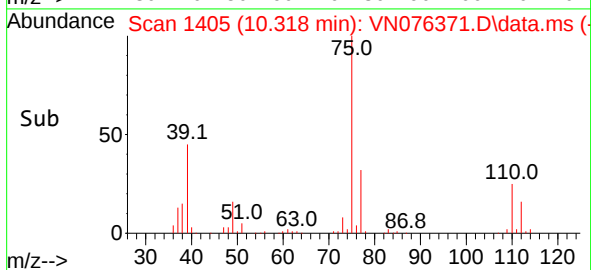
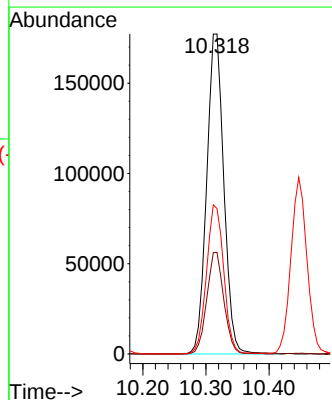
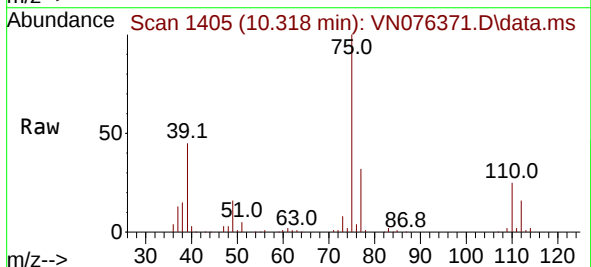
Manual Integrations
APPROVED

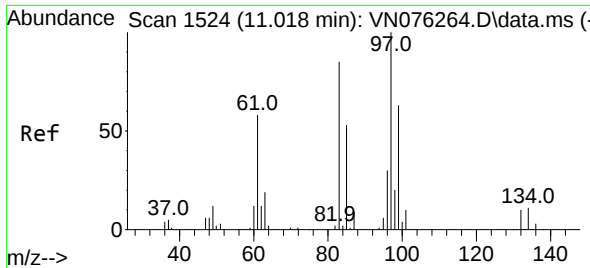
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#54
cis-1,3-Dichloropropene
Concen: 52.371 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 334642
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
39 45.5 37.1 55.7





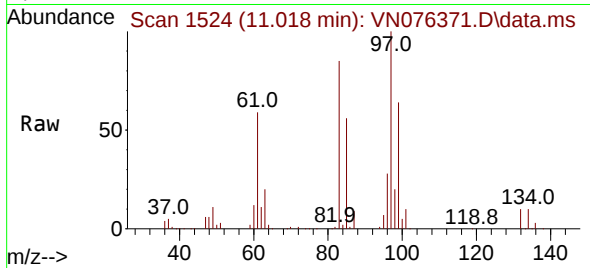
#55
1,1,2-Trichloroethane
Concen: 48.594 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

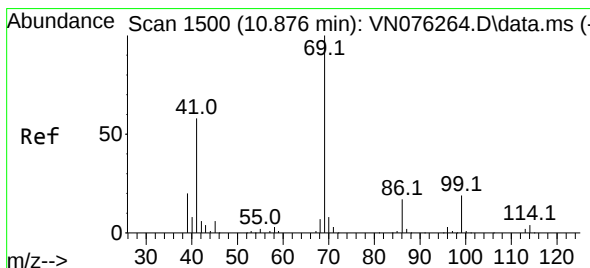
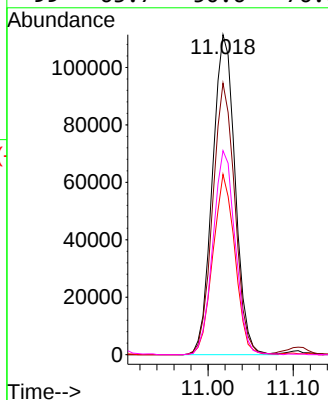
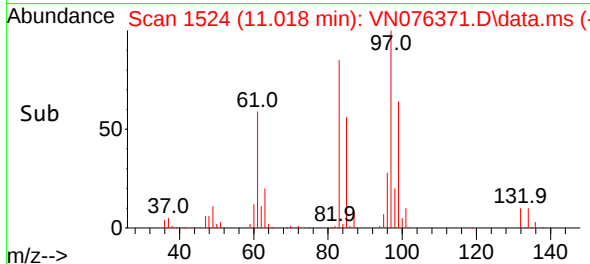


Tgt Ion: 97 Resp: 206420
Ion Ratio Lower Upper
97 100
83 84.8 67.8 101.6
85 56.3 42.3 63.5
99 63.7 50.6 76.0

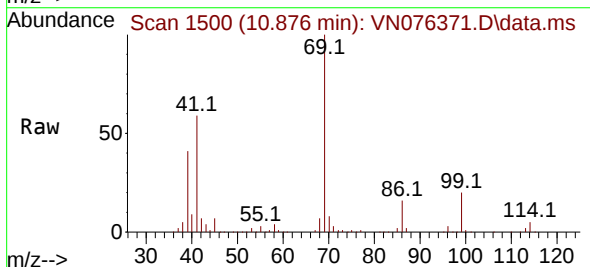
Manual Integrations

APPROVED

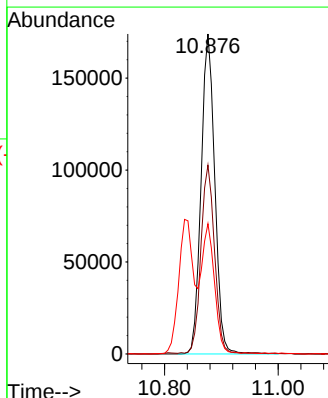
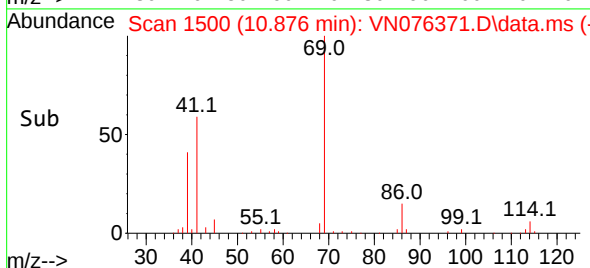
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

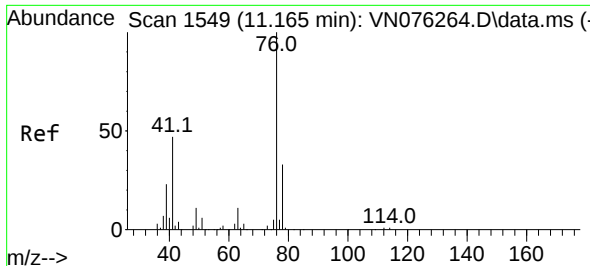


#56
Ethyl methacrylate
Concen: 52.984 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



Tgt Ion: 69 Resp: 290570
Ion Ratio Lower Upper
69 100
41 58.3 45.3 67.9
39 36.8 29.3 43.9





#57

1,3-Dichloropropane

Concen: 48.952 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 337920

Ion Ratio Lower Upper

76 100

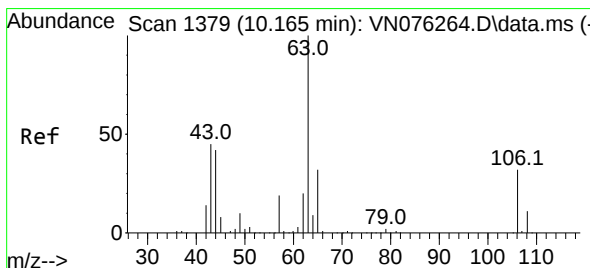
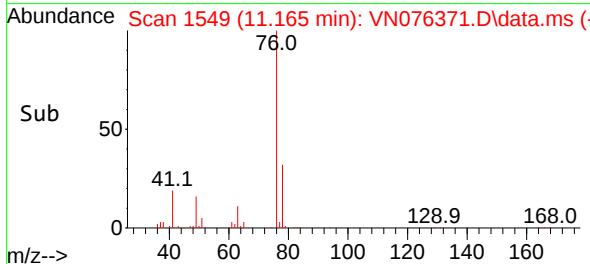
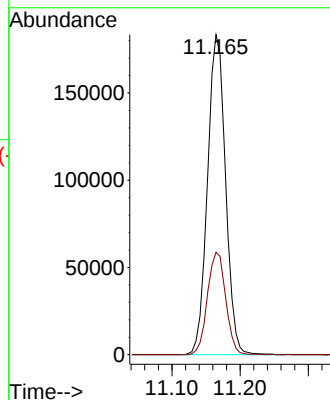
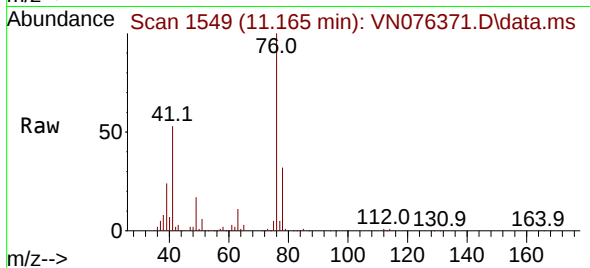
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 226.574 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076371.D

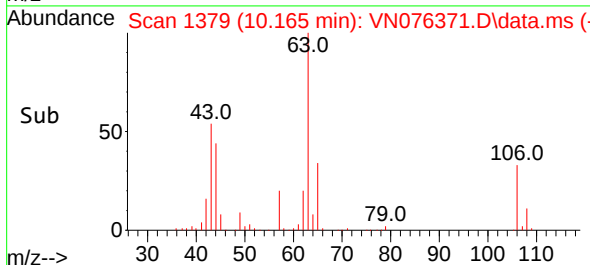
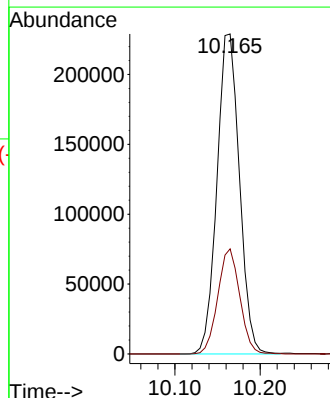
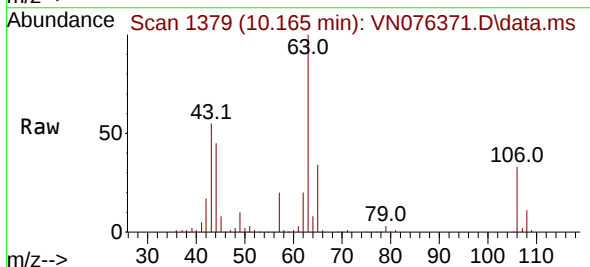
Acq: 24 Jan 2023 10:06

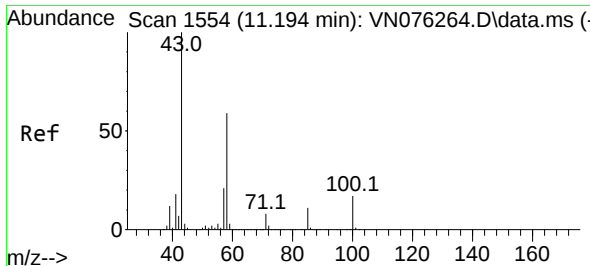
Tgt Ion: 63 Resp: 419474

Ion Ratio Lower Upper

63 100

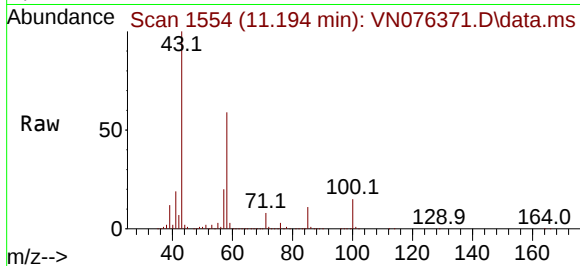
106 32.2 26.2 39.2





#59
2-Hexanone
Concen: 249.501 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

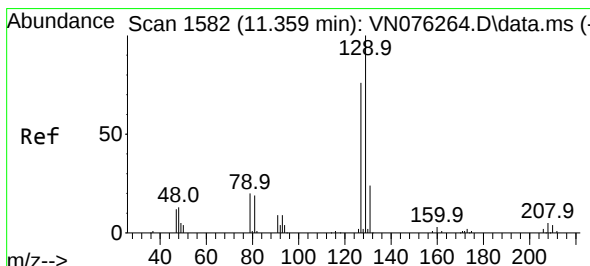
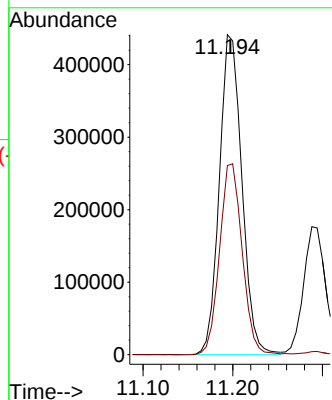
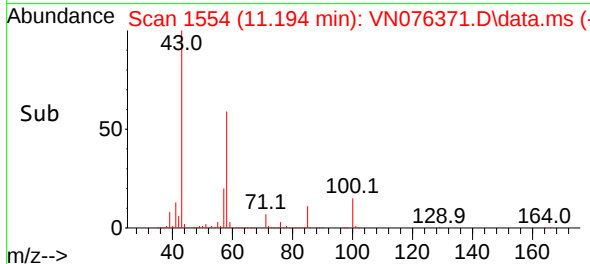
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 769690
Ion Ratio Lower Upper
43 100
58 60.0 30.1 90.3

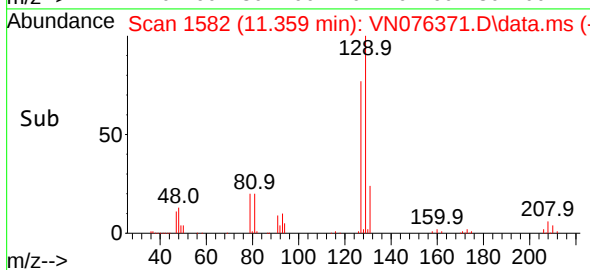
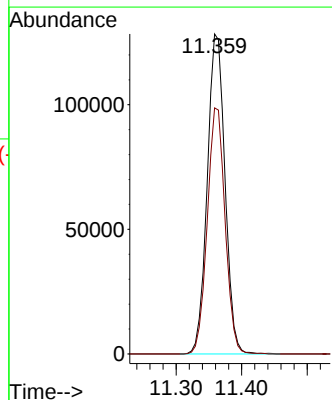
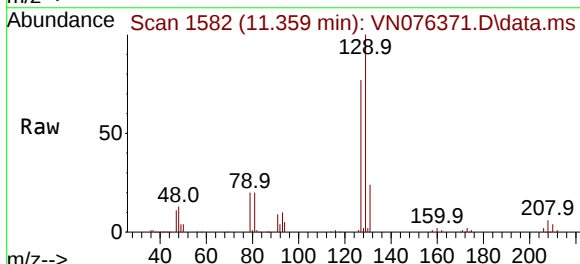
Manual Integrations
APPROVED

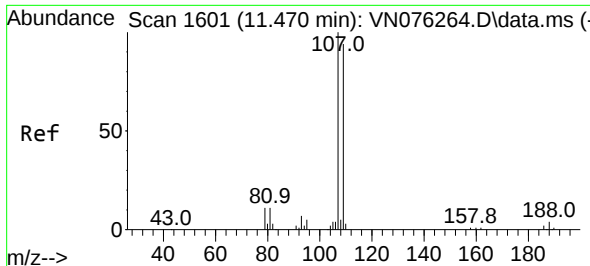
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#60
Dibromochloromethane
Concen: 54.055 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:129 Resp: 241713
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





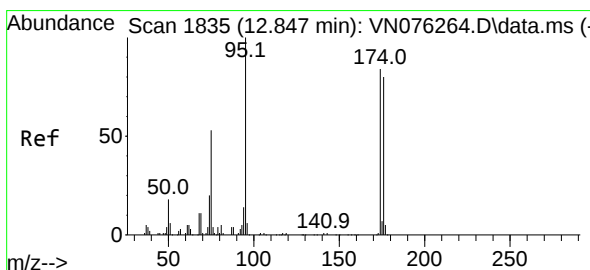
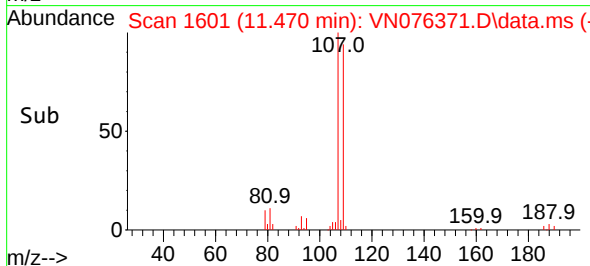
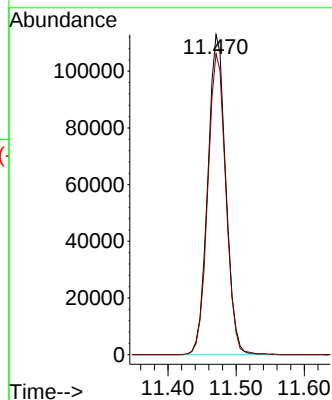
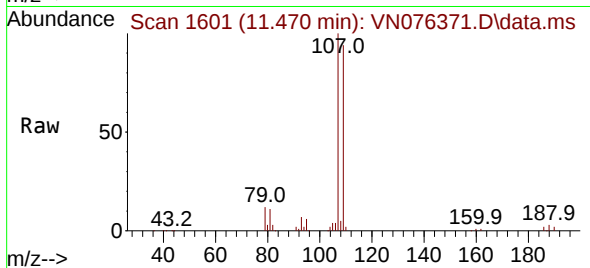
#61
1,2-Dibromoethane
Concen: 48.994 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 207738
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0

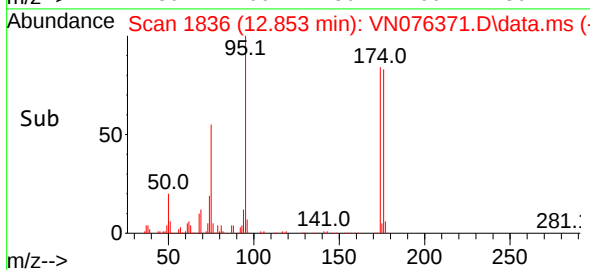
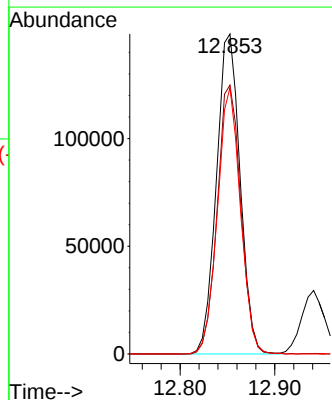
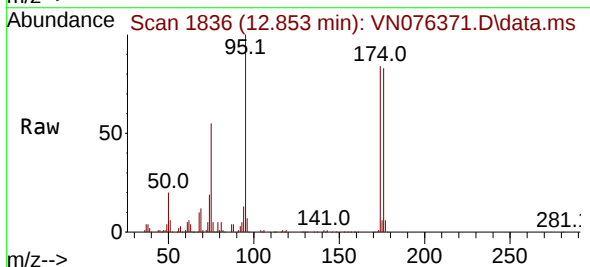
Manual Integrations
APPROVED

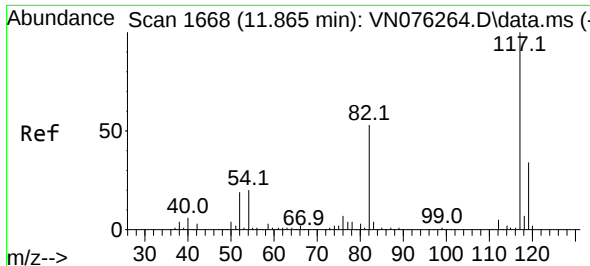
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#62
4-Bromofluorobenzene
Concen: 54.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

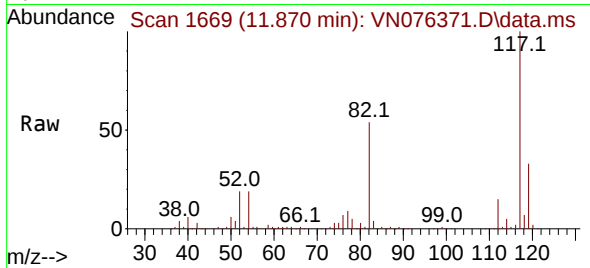
Tgt Ion: 95 Resp: 258227
Ion Ratio Lower Upper
95 100
174 83.5 0.0 174.6
176 80.7 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

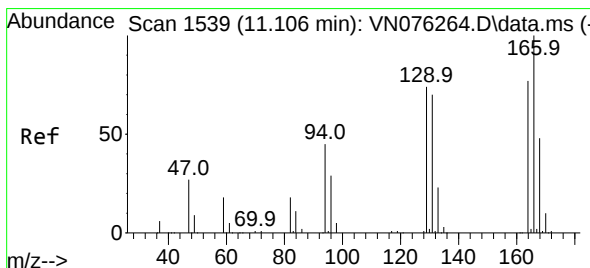
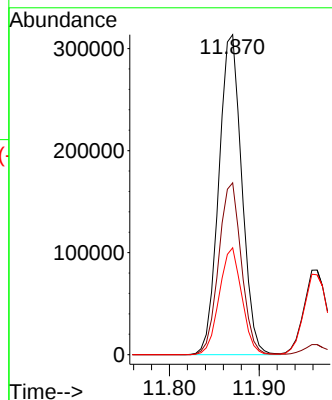
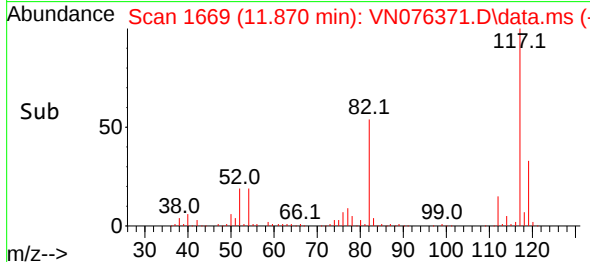
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 55735
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 33.4 26.9 40.3

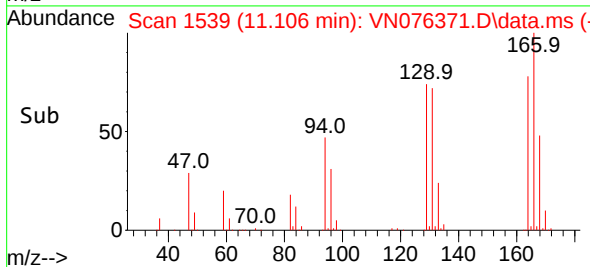
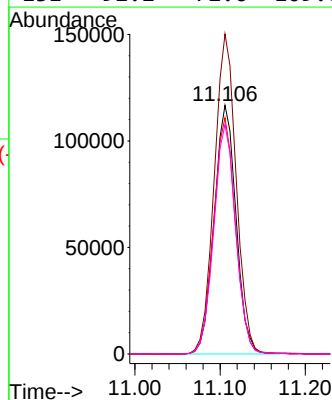
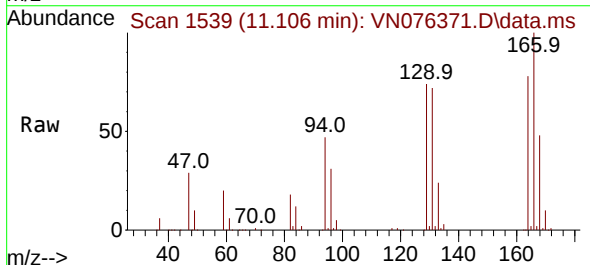
Manual Integrations
APPROVED

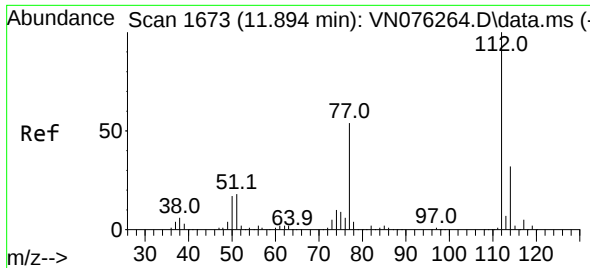
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#64
Tetrachloroethene
Concen: 41.611 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:164 Resp: 209149
Ion Ratio Lower Upper
164 100
166 128.7 104.0 156.0
129 95.0 76.6 114.8
131 92.2 72.6 109.0





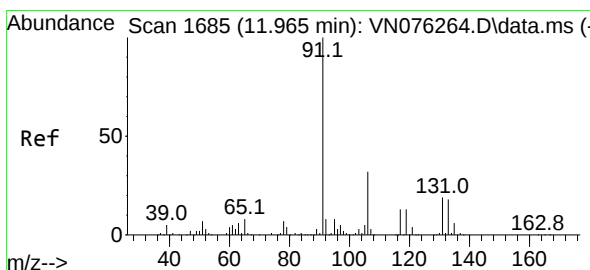
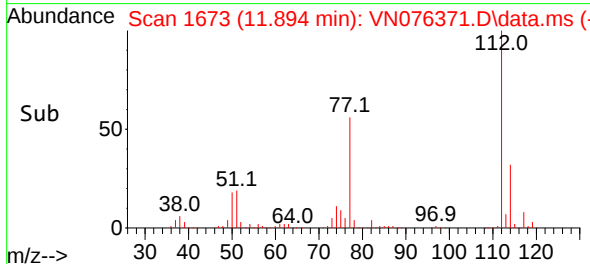
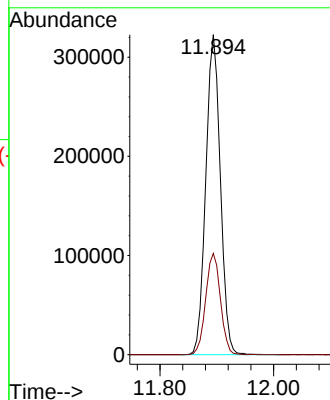
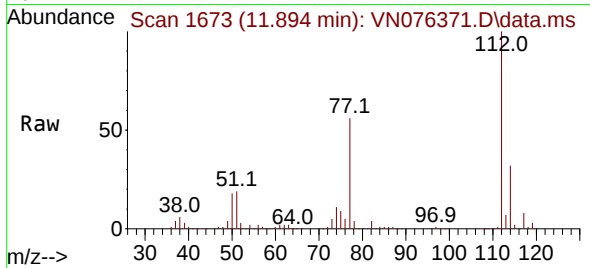
#65
Chlorobenzene
Concen: 48.538 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 57186
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

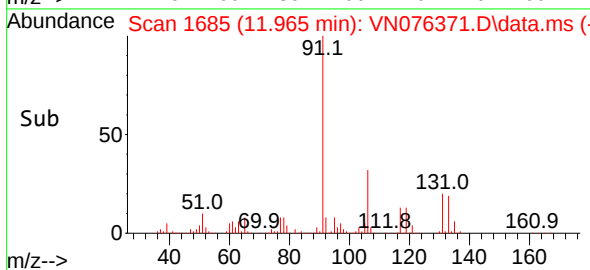
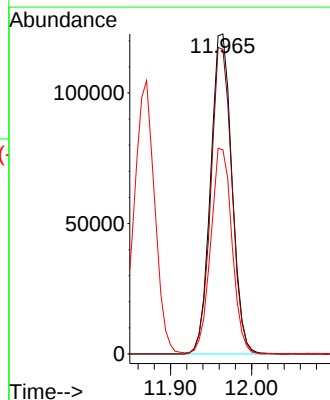
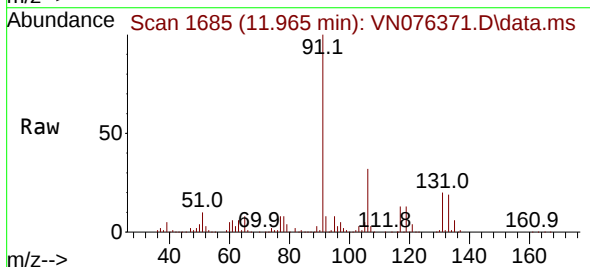
Manual Integrations
APPROVED

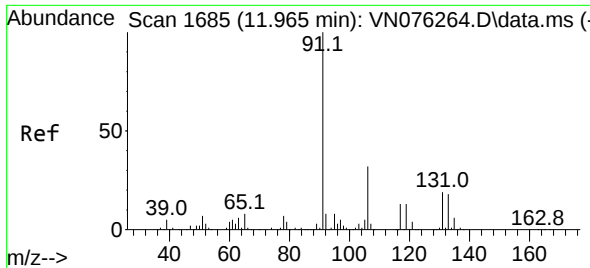
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.008 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

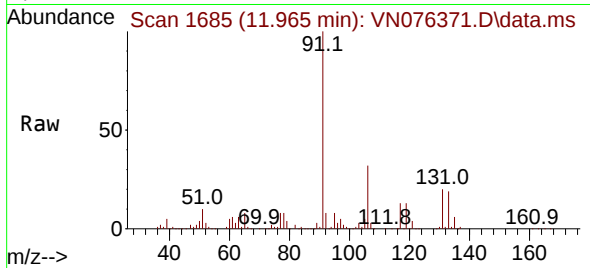
Tgt Ion:131 Resp: 223596
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.2 32.3 96.8





#67
Ethyl Benzene
Concen: 51.753 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

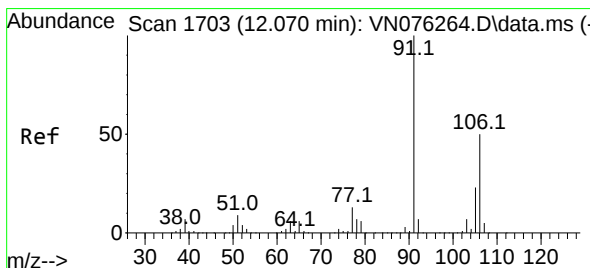
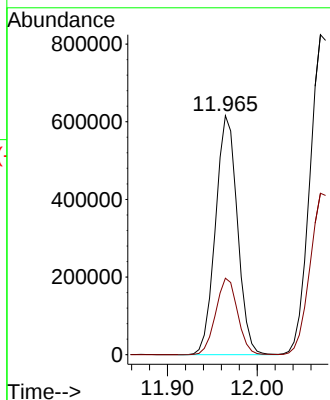
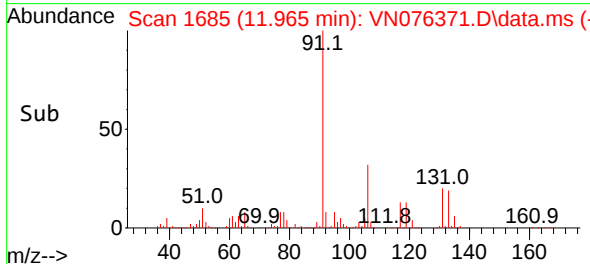
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



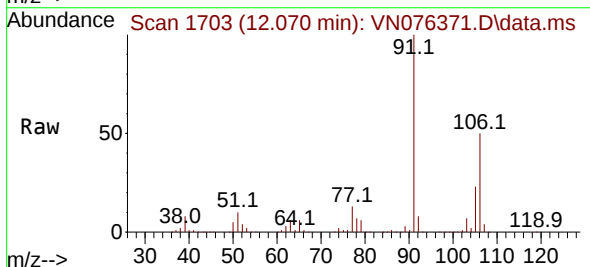
Tgt Ion: 91 Resp: 104356
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

Manual Integrations
APPROVED

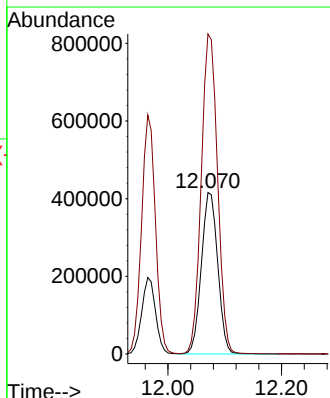
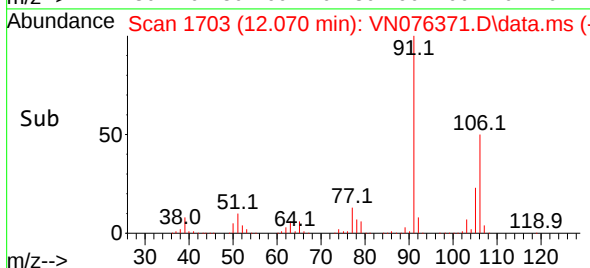
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

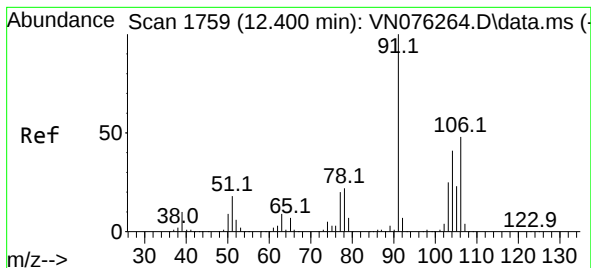


#68
m/p-Xylenes
Concen: 102.376 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



Tgt Ion:106 Resp: 827773
Ion Ratio Lower Upper
106 100
91 197.7 157.5 236.3





#69

o-Xylene

Concen: 51.075 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 40555

Ion Ratio Lower Upper

106 100

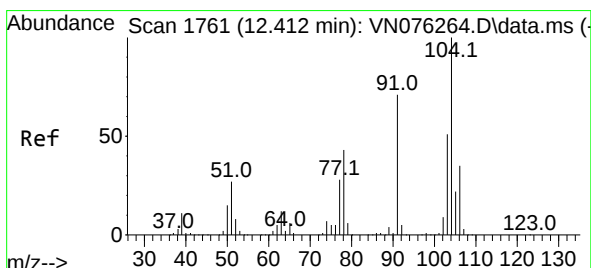
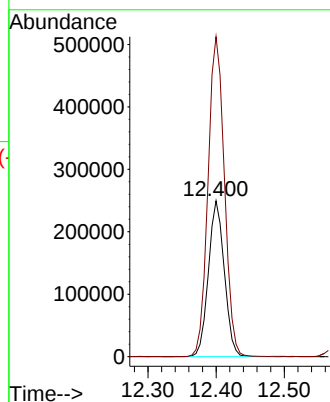
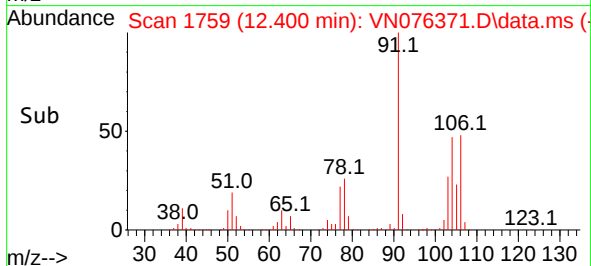
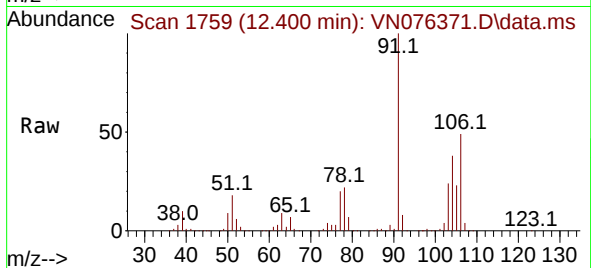
91 211.3 103.2 309.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#70

Styrene

Concen: 53.017 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

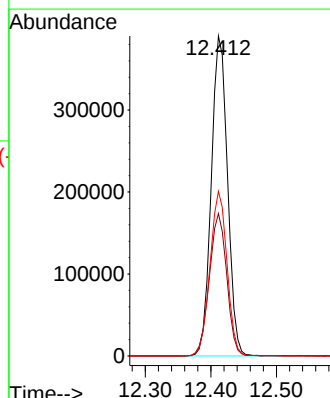
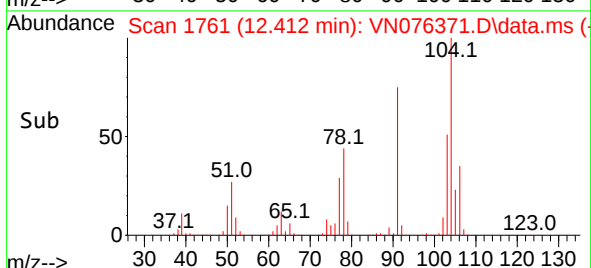
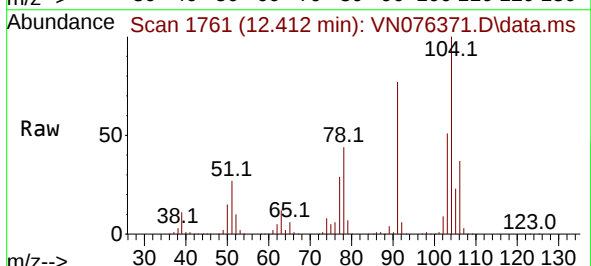
Tgt Ion:104 Resp: 672173

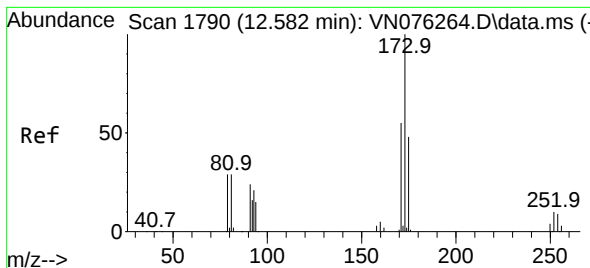
Ion Ratio Lower Upper

104 100

78 47.5 37.4 56.0

103 54.0 44.2 66.2





#71

Bromoform

Concen: 53.351 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 16889

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

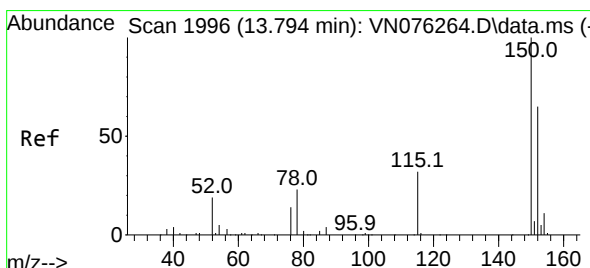
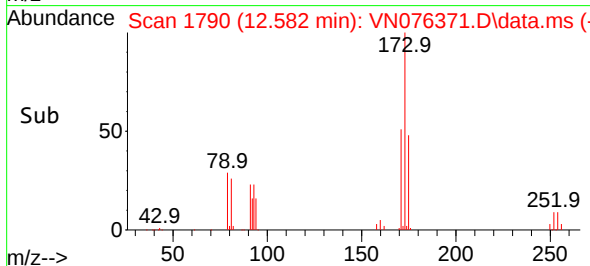
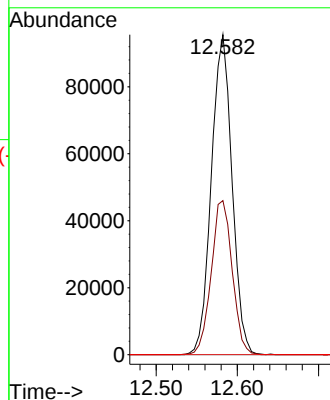
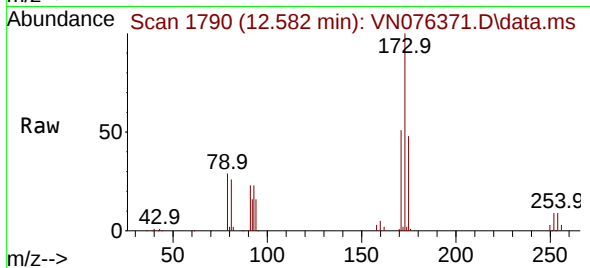
254 0.0 0.0 0.0

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: VN076371.D

Acq: 24 Jan 2023 10:06

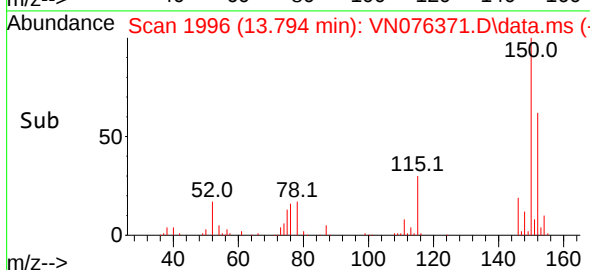
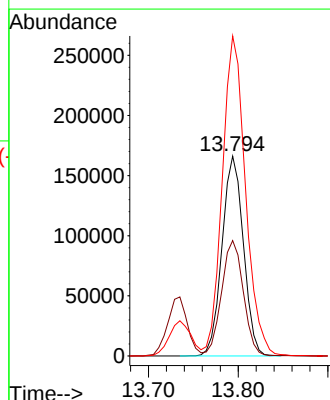
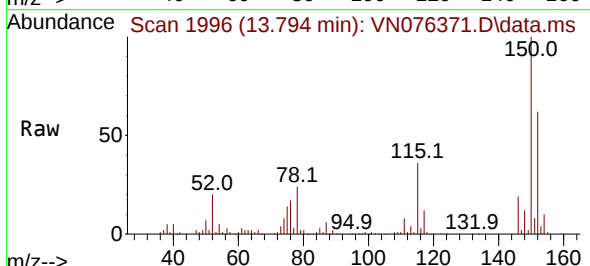
Tgt Ion:152 Resp: 275008

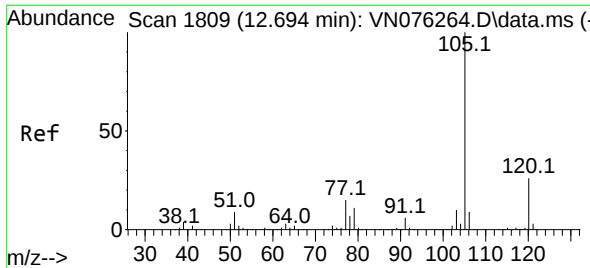
Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.9

150 173.9 0.0 351.4





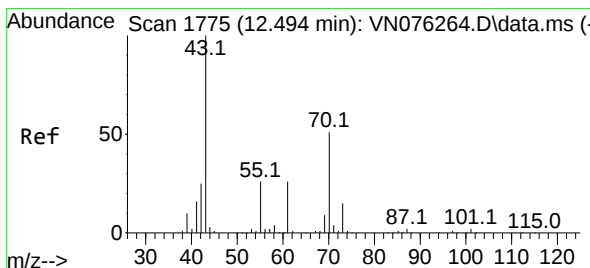
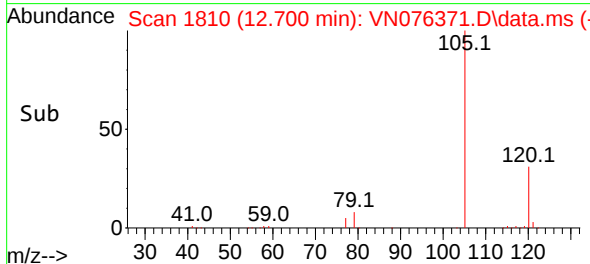
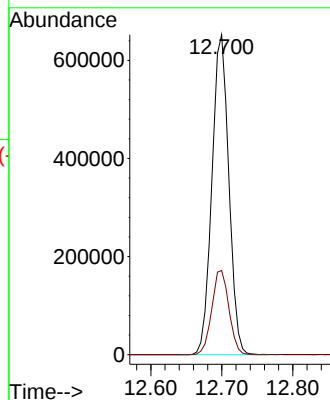
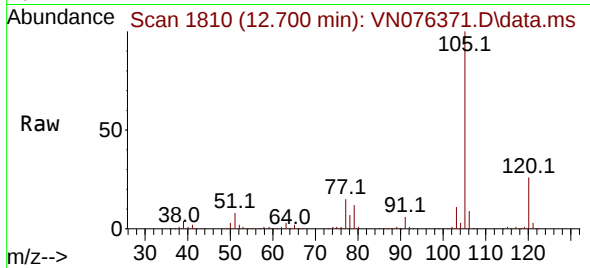
#73
Isopropylbenzene
Concen: 50.536 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 107514
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

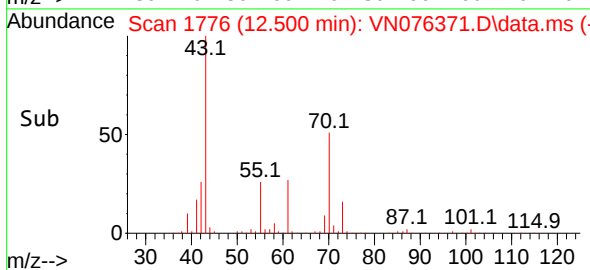
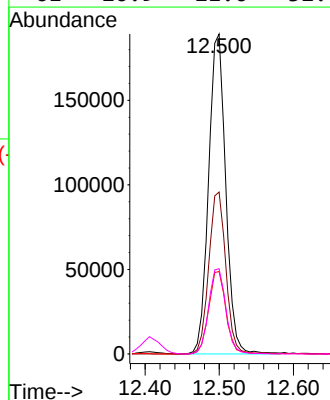
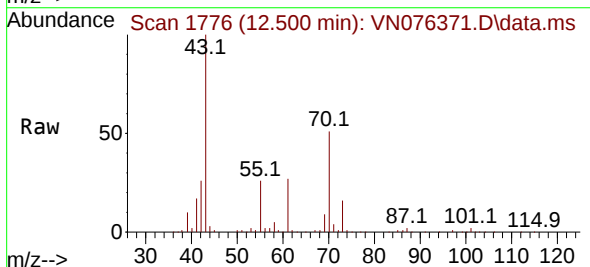
Manual Integrations
APPROVED

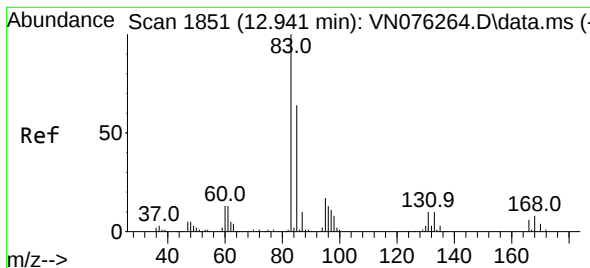
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#74
N-ethyl acetate
Concen: 49.667 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 43 Resp: 303947
Ion Ratio Lower Upper
43 100
70 50.6 41.2 61.8
55 26.1 21.0 31.6
61 26.9 21.6 32.4





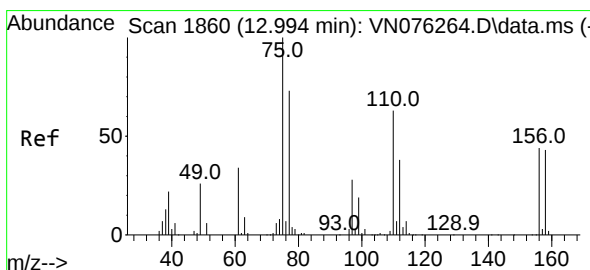
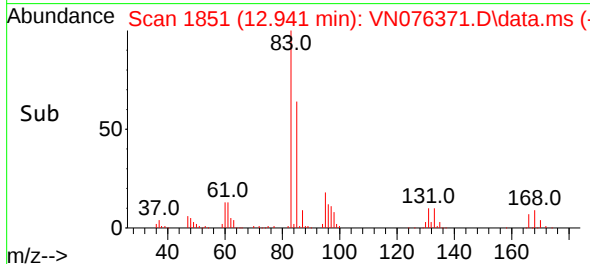
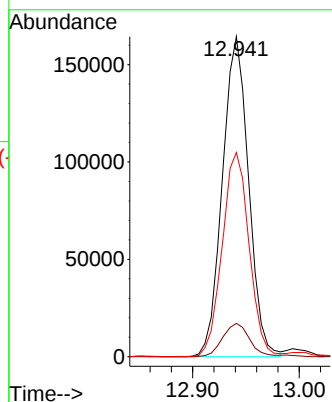
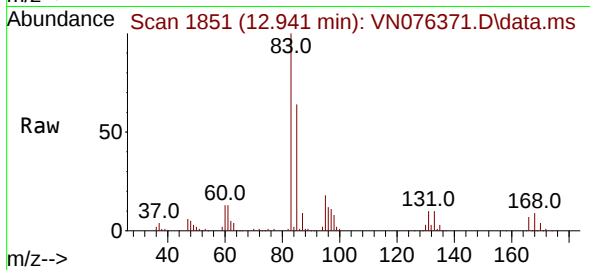
#75
1,1,2,2-Tetrachloroethane
Concen: 45.888 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 28064
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.4
85 65.4 31.7 95.1

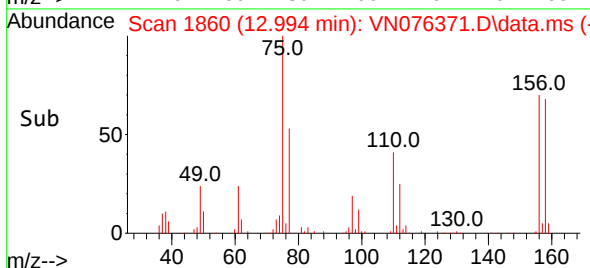
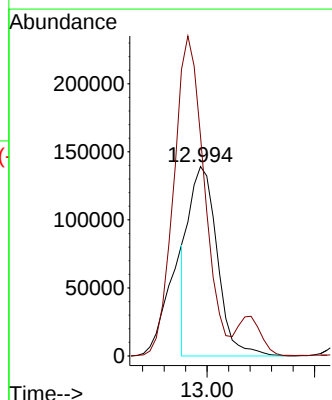
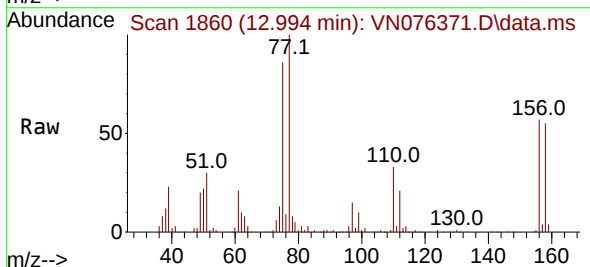
Manual Integrations
APPROVED

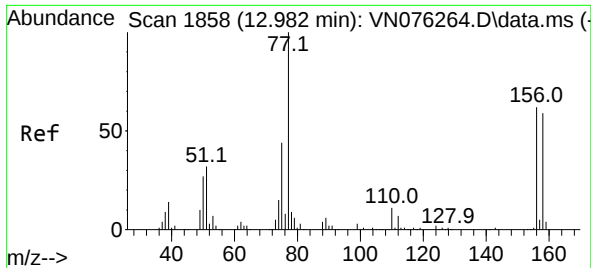
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#76
1,2,3-Trichloropropane
Concen: 51.001 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

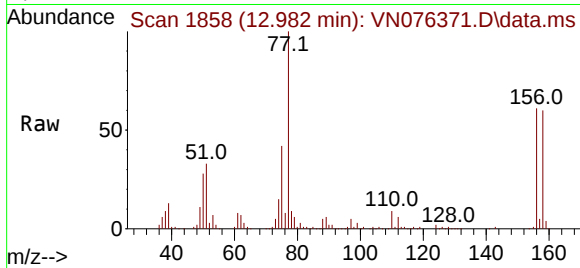
Tgt Ion: 75 Resp: 255418
Ion Ratio Lower Upper
75 100
77 182.4 75.2 225.6





#77
Bromobenzene
Concen: 50.453 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

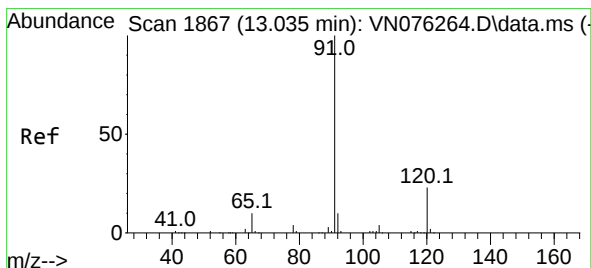
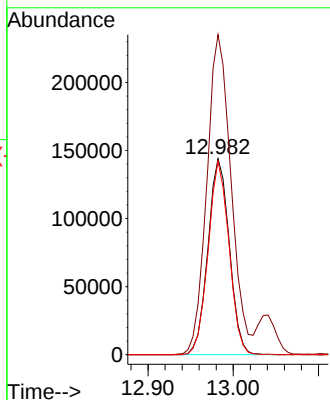
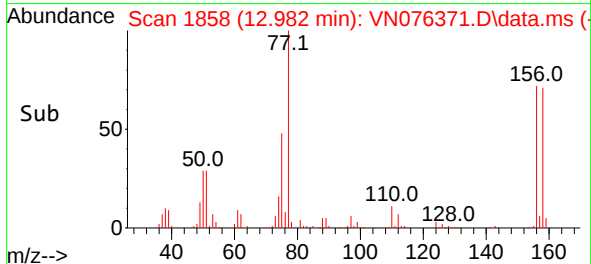
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 250922
Ion Ratio Lower Upper
156 100
77 185.6 93.4 280.2
158 96.4 48.4 145.2

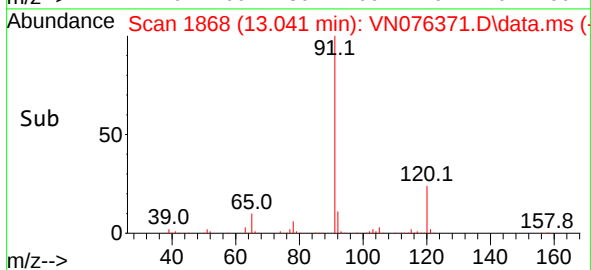
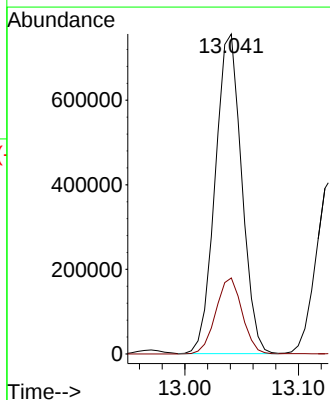
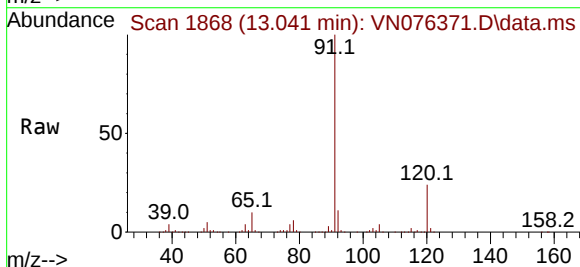
Manual Integrations
APPROVED

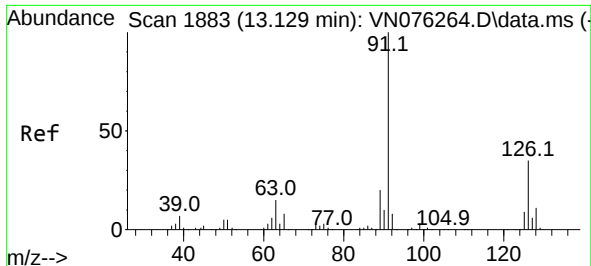
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#78
n-propylbenzene
Concen: 51.059 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 91 Resp: 1225677
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





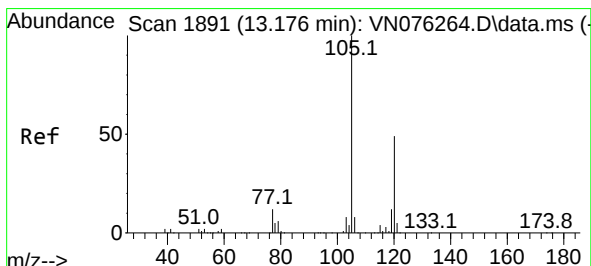
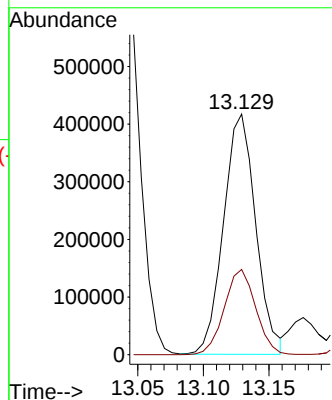
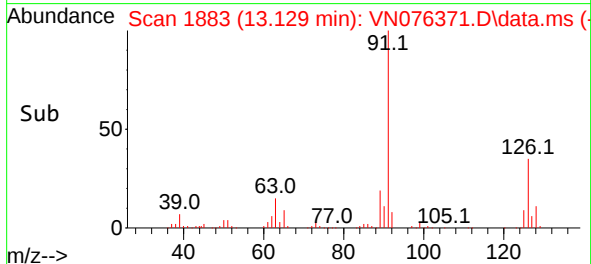
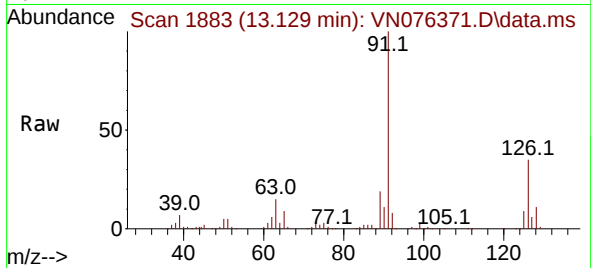
#79
2-Chlorotoluene
Concen: 48.361 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 712370
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2

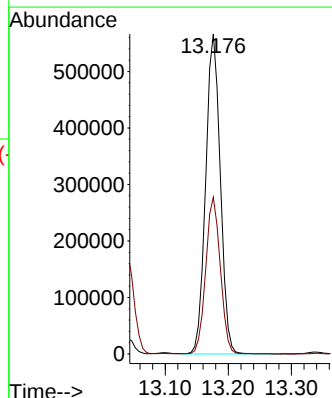
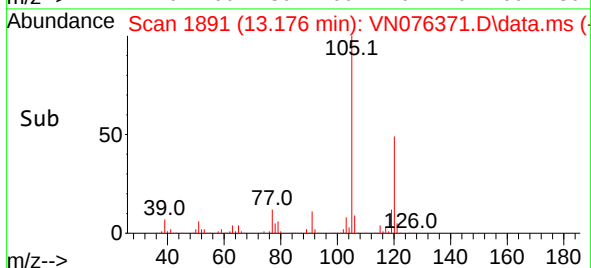
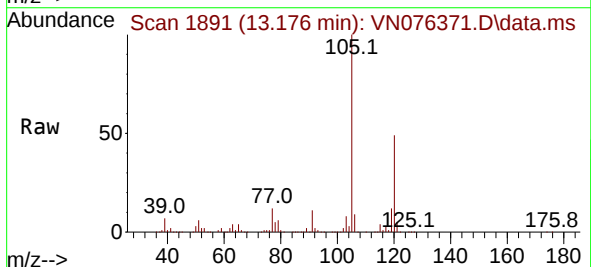
Manual Integrations
APPROVED

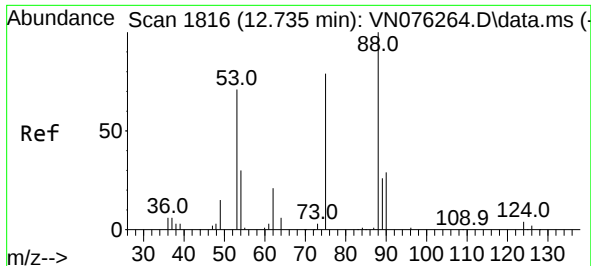
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.017 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

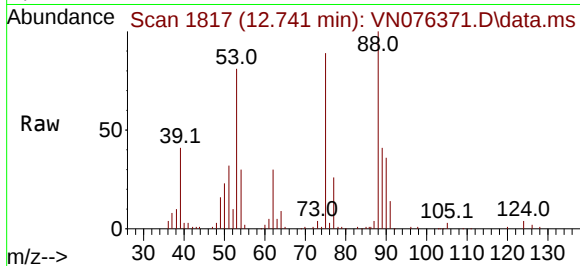
Tgt Ion:105 Resp: 909277
Ion Ratio Lower Upper
105 100
120 48.9 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 48.553 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

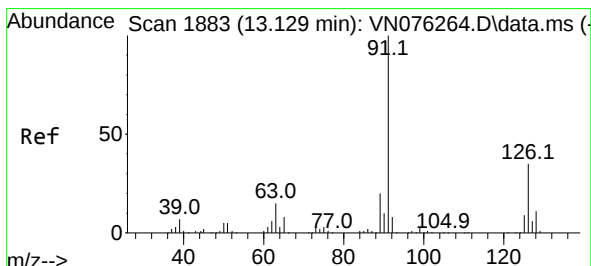
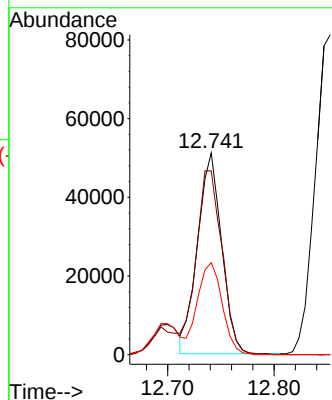
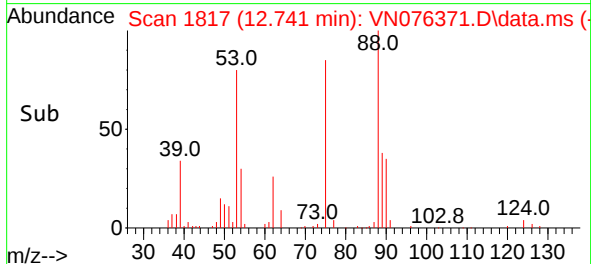
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



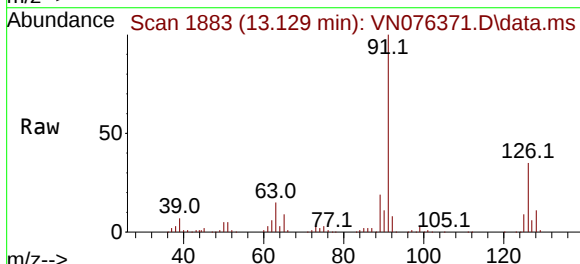
Tgt Ion: 75 Resp: 80252
Ion Ratio Lower Upper
75 100
53 99.0 75.8 113.8
89 46.5 37.0 55.6

Manual Integrations
APPROVED

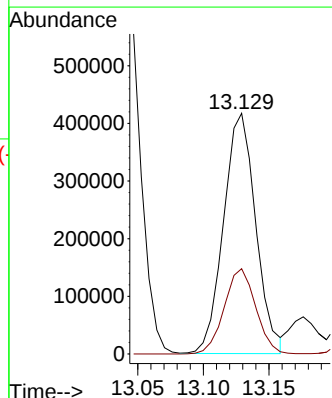
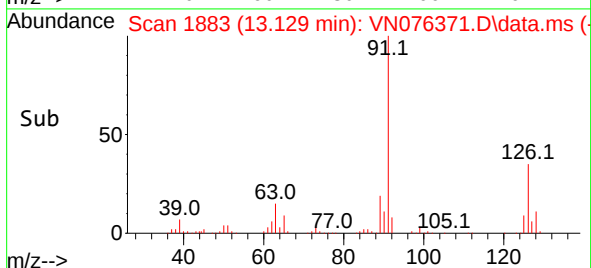
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

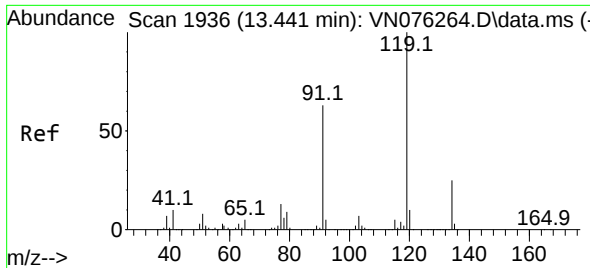


#82
4-Chlorotoluene
Concen: 48.361 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



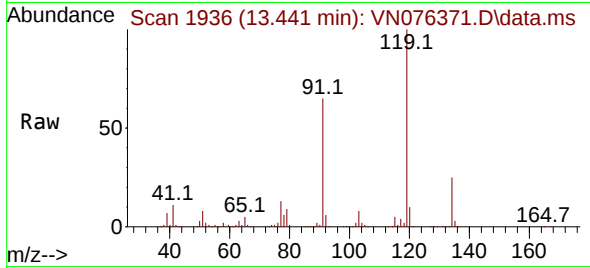
Tgt Ion: 91 Resp: 712376
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2





#83
tert-Butylbenzene
Concen: 50.100 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

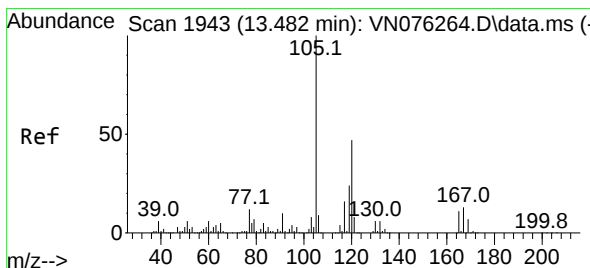
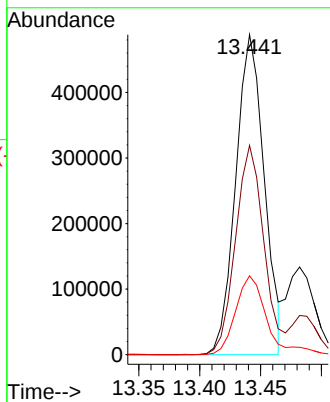
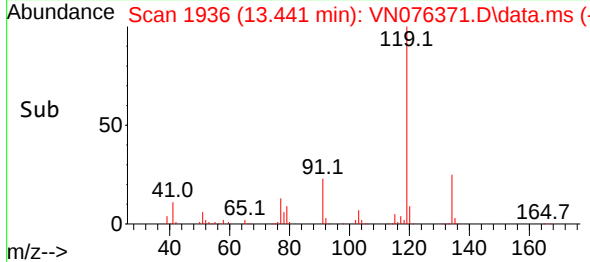
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 794190
Ion Ratio Lower Upper
119 100
91 65.6 32.2 96.6
134 26.9 13.6 40.8

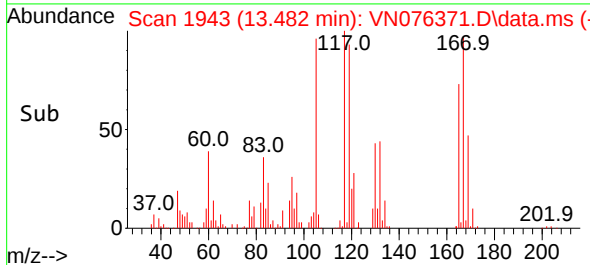
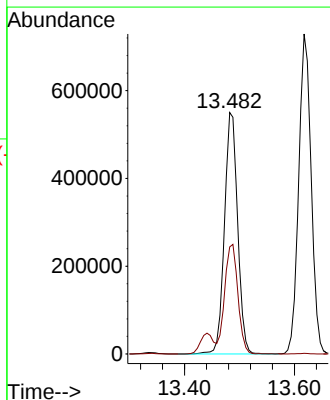
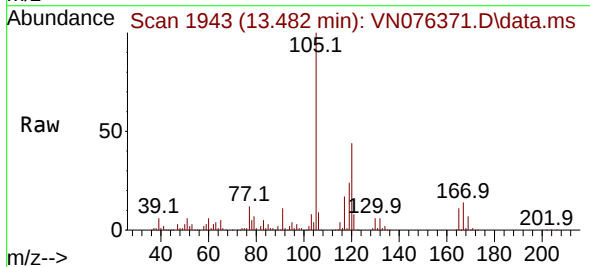
Manual Integrations
APPROVED

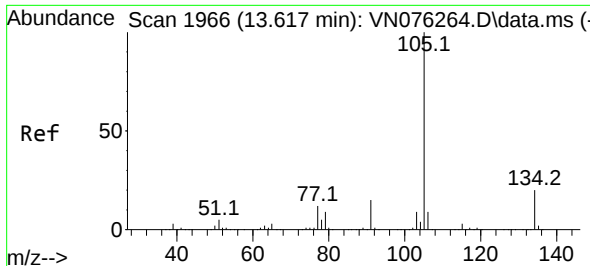
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.188 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

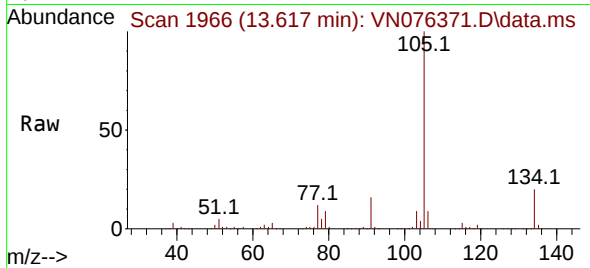
Tgt Ion:105 Resp: 914819
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 52.155 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06

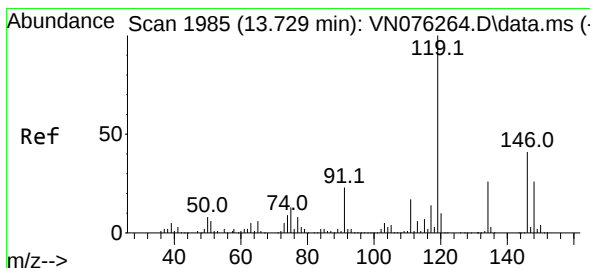
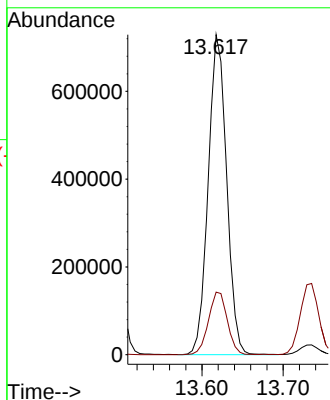
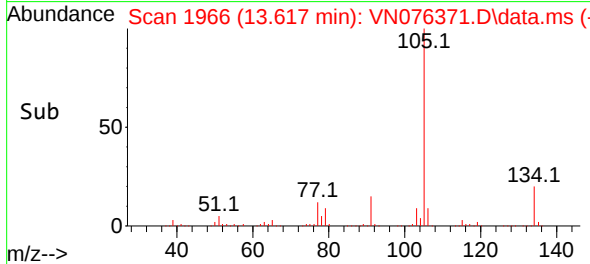
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



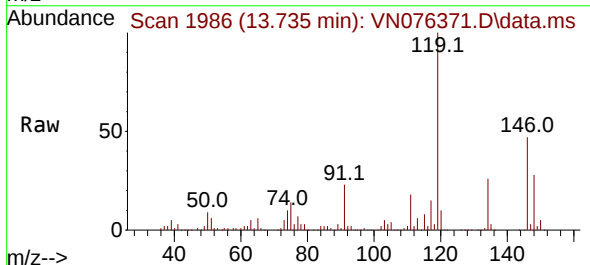
Tgt Ion:105 Resp: 1147200
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

Manual Integrations
 APPROVED

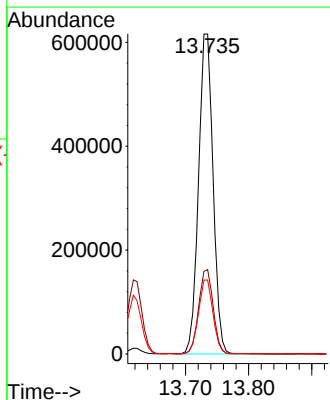
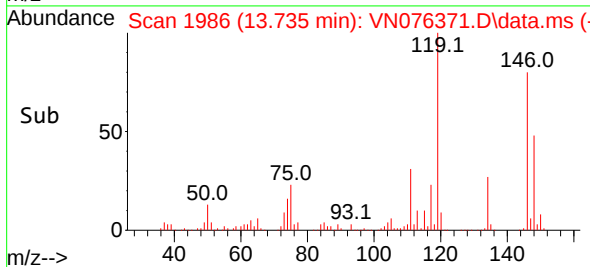
Reviewed By :John Carlone 01/25/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023

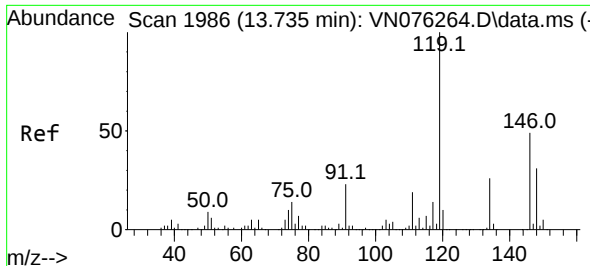


#86
 p-Isopropyltoluene
 Concen: 54.368 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076371.D
 Acq: 24 Jan 2023 10:06



Tgt Ion:119 Resp: 983384
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.764 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 478940

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

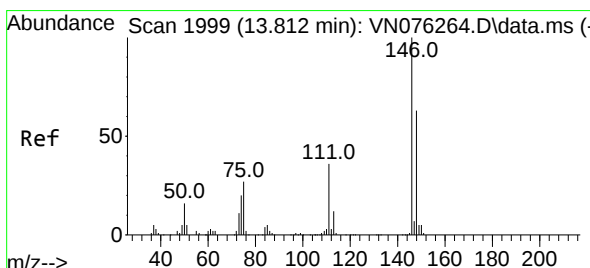
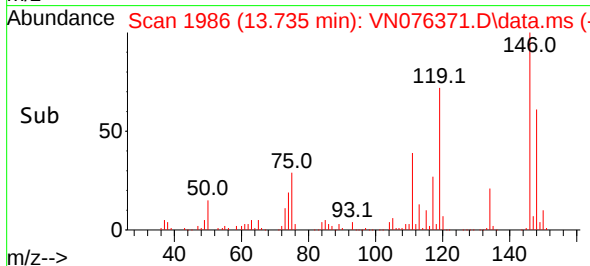
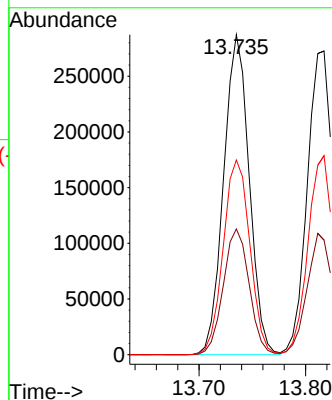
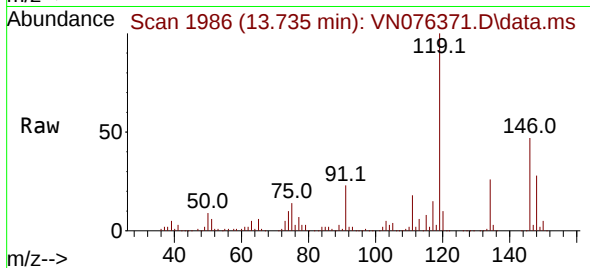
148 63.5 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#88

1,4-Dichlorobenzene

Concen: 49.174 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

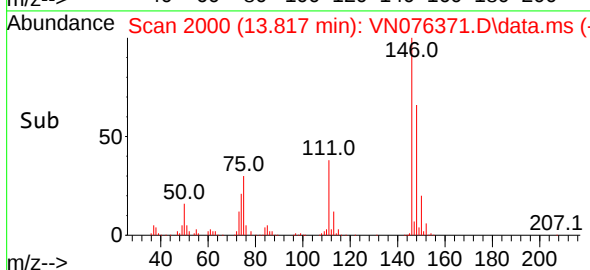
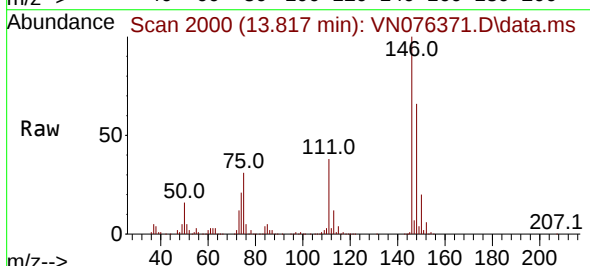
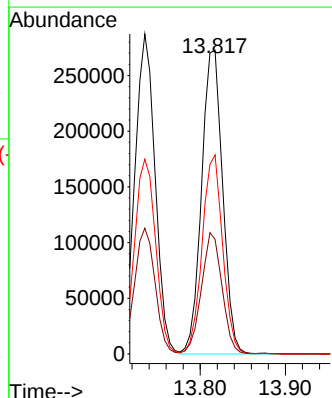
Tgt Ion:146 Resp: 469045

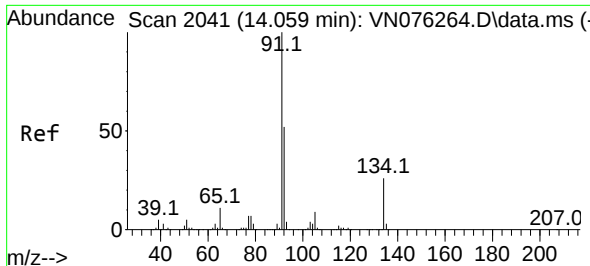
Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 63.6 31.9 95.9





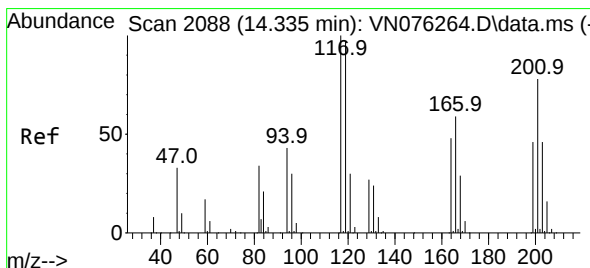
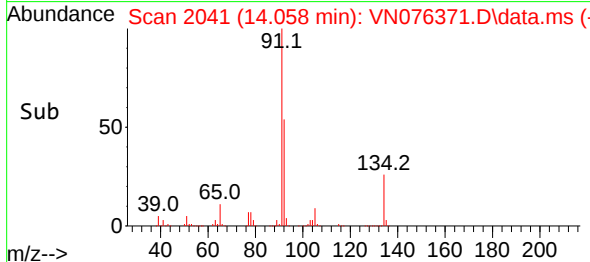
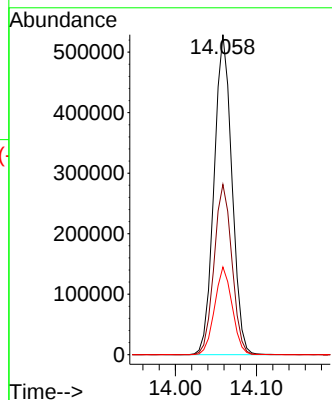
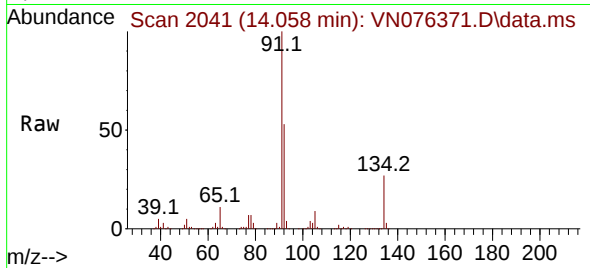
#89
n-Butylbenzene
Concen: 56.315 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 80860
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.0 13.2 39.5

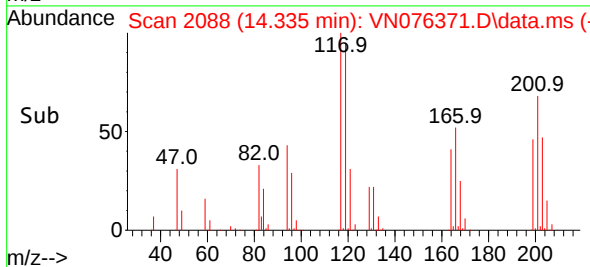
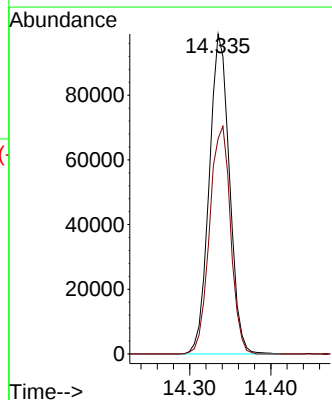
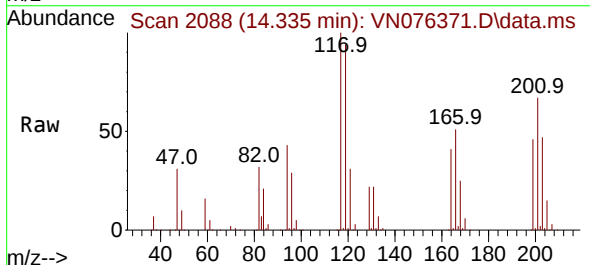
Manual Integrations
APPROVED

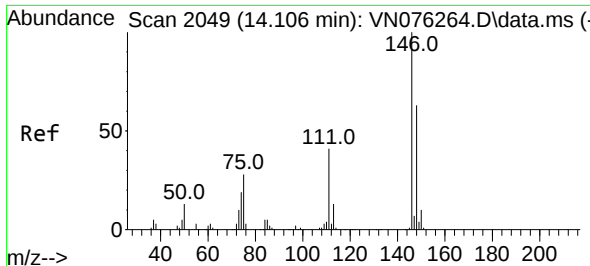
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#90
Hexachloroethane
Concen: 54.863 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion:117 Resp: 171271
Ion Ratio Lower Upper
117 100
201 73.7 37.3 111.9





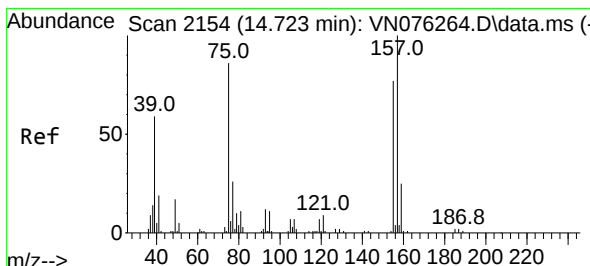
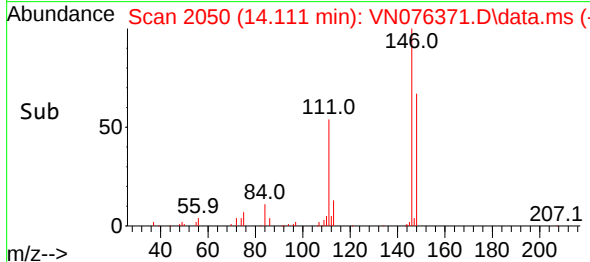
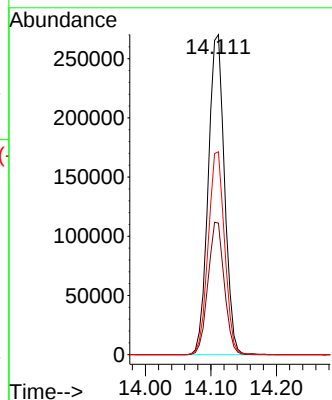
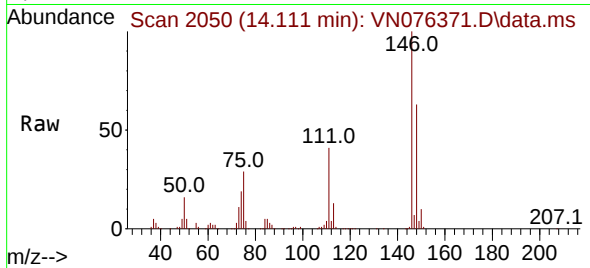
#91
1,2-Dichlorobenzene
Concen: 46.730 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 466709
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.8
148 63.8 31.8 95.4

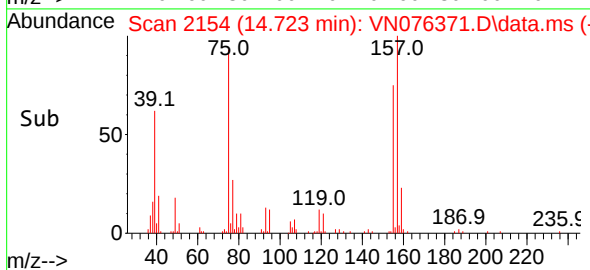
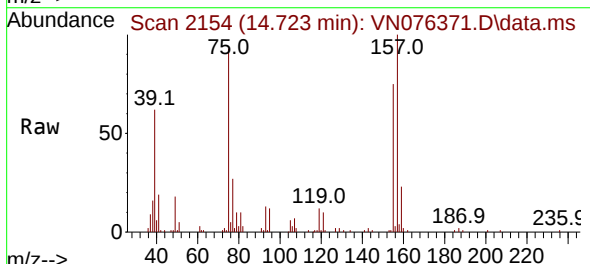
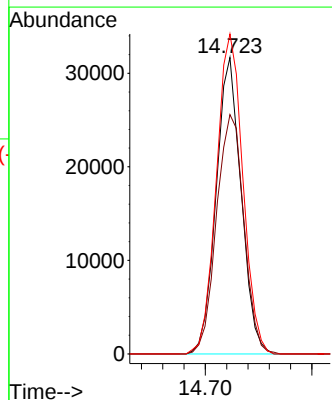
Manual Integrations
APPROVED

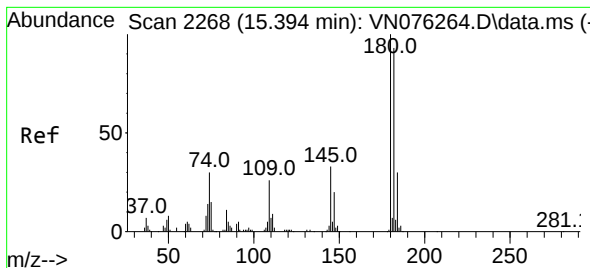
Reviewed By :John Carlone 01/25/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.479 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

Tgt Ion: 75 Resp: 51538
Ion Ratio Lower Upper
75 100
155 88.3 45.0 135.0
157 114.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 53.016 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076371.D

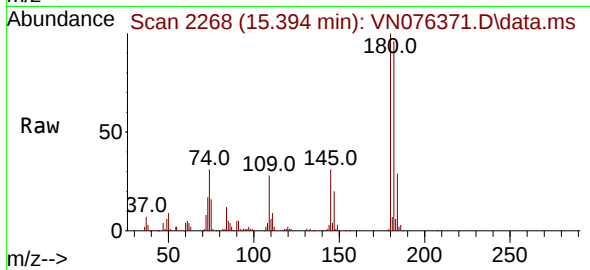
Acq: 24 Jan 2023 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 256239

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

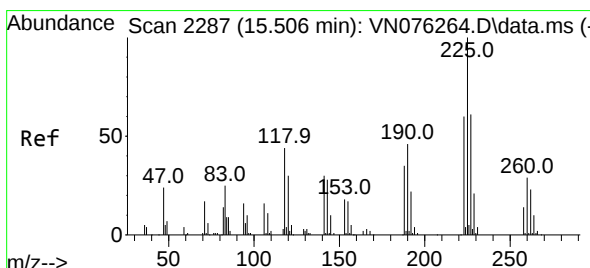
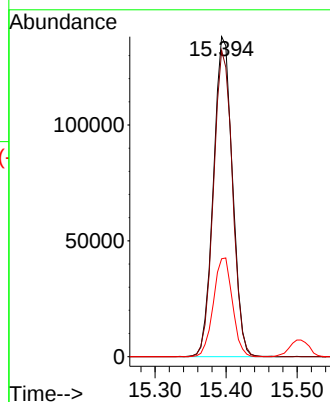
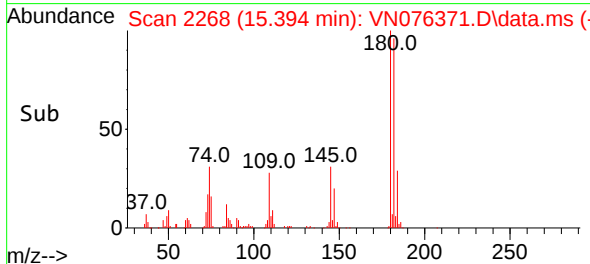
145 30.9 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#94

Hexachlorobutadiene

Concen: 51.967 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076371.D

Acq: 24 Jan 2023 10:06

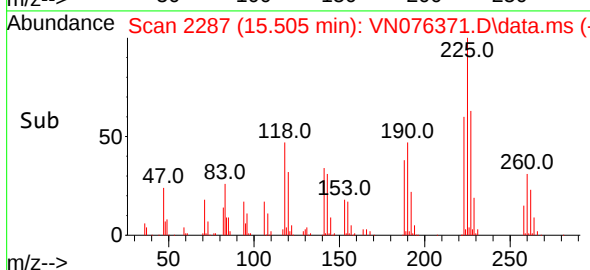
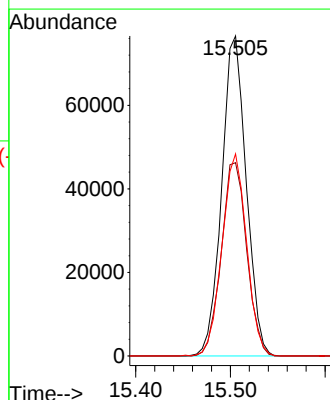
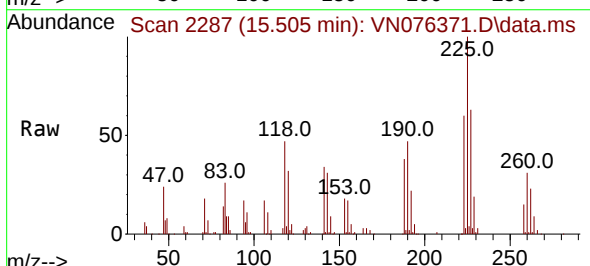
Tgt Ion:225 Resp: 137730

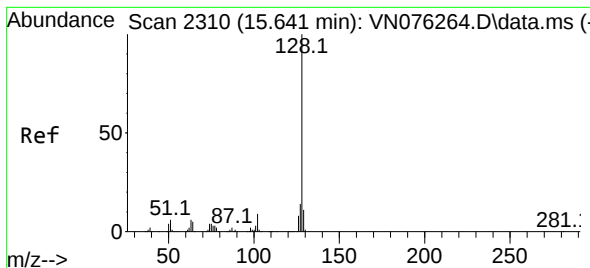
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

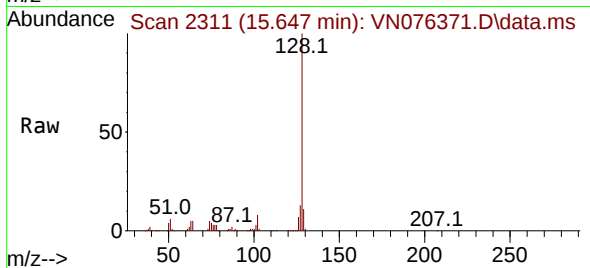
227 63.4 30.9 92.8





#95
Naphthalene
Concen: 49.599 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06

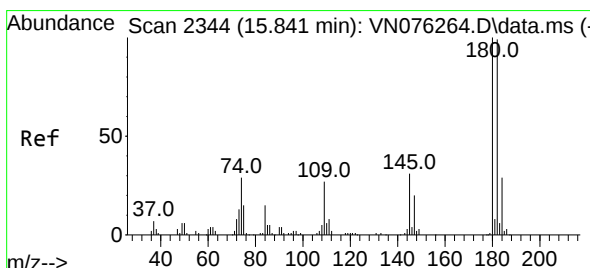
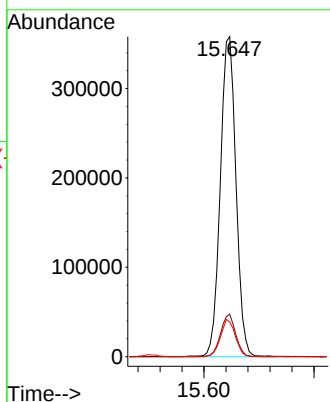
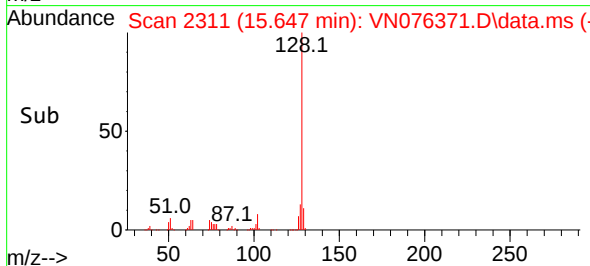
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



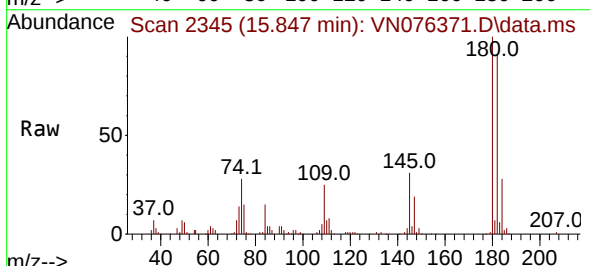
Tgt Ion:128 Resp: 708492
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.393 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076371.D
Acq: 24 Jan 2023 10:06



Tgt Ion:180 Resp: 241267
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 32.5 15.9 47.6

