

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076445.D
 Acq On : 27 Jan 2023 17:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

Quant Time: Jan 27 22:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	382563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	577782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	242283	56.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.120%			
35) Dibromofluoromethane	8.171	113	204747	51.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	10.571	98	749995	50.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.853	95	269636	55.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	194072	49.504	ug/l	95
3) Chloromethane	2.377	50	231625	57.064	ug/l	98
4) Vinyl Chloride	2.530	62	310168	62.319	ug/l	98
5) Bromomethane	2.948	94	207940	51.018	ug/l	100
6) Chloroethane	3.118	64	202402	54.233	ug/l	100
7) Trichlorofluoromethane	3.506	101	443693	64.798	ug/l	98
8) Diethyl Ether	3.971	74	157419	68.542	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	233724	60.296	ug/l	97
10) Methyl Iodide	4.600	142	343163	57.958	ug/l	97
11) Tert butyl alcohol	5.536	59	168922	294.831	ug/l	99
12) 1,1-Dichloroethene	4.353	96	217150	59.262	ug/l	88
13) Acrolein	4.189	56	243596	355.517	ug/l	100
14) Allyl chloride	5.036	41	252848	59.213	ug/l	97
15) Acrylonitrile	5.736	53	436070	267.458	ug/l	99
16) Acetone	4.442	43	459005	334.294	ug/l	100
17) Carbon Disulfide	4.724	76	449499	49.267	ug/l	97
18) Methyl Acetate	5.036	43	275619	59.227	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	665471	55.786	ug/l	99
20) Methylene Chloride	5.289	84	230496	56.809	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	194001	48.871	ug/l	96
22) Diisopropyl ether	6.683	45	591337	58.722	ug/l	98
23) Vinyl Acetate	6.612	43	1882180	289.201	ug/l	99
24) 1,1-Dichloroethane	6.577	63	366114	54.543	ug/l	98
25) 2-Butanone	7.489	43	560910	267.453	ug/l	98
26) 2,2-Dichloropropane	7.500	77	304366	53.800	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	244947	52.906	ug/l	98
28) Bromochloromethane	7.824	49	150796	55.425	ug/l	94
29) Tetrahydrofuran	7.841	42	366142	282.872	ug/l	97
30) Chloroform	7.971	83	410138	55.220	ug/l	99
31) Cyclohexane	8.259	56	302159	45.920	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	368184	54.296	ug/l	98
36) 1,1-Dichloropropene	8.377	75	282983	49.790	ug/l	99
37) Ethyl Acetate	7.571	43	233028	51.116	ug/l	98
38) Carbon Tetrachloride	8.371	117	322353	50.860	ug/l	98
39) Methylcyclohexane	9.606	83	345130	49.726	ug/l	99
40) Benzene	8.612	78	866942	51.012	ug/l	100

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 Sample : VSTDC0050
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 MSVOA_N
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	129236	54.143	ug/l	98
42) 1,2-Dichloroethane	8.677	62	316828	54.487	ug/l	98
43) Isopropyl Acetate	8.694	43	400463	53.999	ug/l	98
44) Trichloroethene	9.359	130	229632	47.774	ug/l	98
45) 1,2-Dichloropropane	9.624	63	211259	51.920	ug/l	100
46) Dibromomethane	9.712	93	155783	50.710	ug/l	97
47) Bromodichloromethane	9.888	83	322332	54.098	ug/l	97
48) Methyl methacrylate	9.682	41	190980	54.396	ug/l	97
49) 1,4-Dioxane	9.694	88	77065	1040.260	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1209273	277.767	ug/l	99
52) Toluene	10.635	92	569919	50.147	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	322669	56.808	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	351724	53.825	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	228523	52.605	ug/l	98
56) Ethyl methacrylate	10.877	69	325938	58.117	ug/l	98
57) 1,3-Dichloropropane	11.165	76	371522	52.627	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	436295	230.439	ug/l	98
59) 2-Hexanone	11.200	43	871203	276.149	ug/l	99
60) Dibromochloromethane	11.359	129	255290	55.826	ug/l	99
61) 1,2-Dibromoethane	11.471	107	229440	52.914	ug/l	99
64) Tetrachloroethene	11.106	164	215699	41.397	ug/l	97
65) Chlorobenzene	11.894	112	602524	49.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	232856	51.242	ug/l	99
67) Ethyl Benzene	11.965	91	1112045	53.200	ug/l	98
68) m/p-Xylenes	12.071	106	859695	102.565	ug/l	97
69) o-Xylene	12.400	106	432112	52.496	ug/l	96
70) Styrene	12.412	104	709191	53.959	ug/l	98
71) Bromoform	12.582	173	172598	52.594	ug/l #	99
73) Isopropylbenzene	12.700	105	1142037	52.405	ug/l	99
74) N-amyl acetate	12.494	43	350831	55.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	323166	51.585	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	284776m	55.597	ug/l	
77) Bromobenzene	12.982	156	264785	51.992	ug/l	96
78) n-propylbenzene	13.035	91	1304652	53.057	ug/l	99
79) 2-Chlorotoluene	13.129	91	776946	51.491	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	981310	53.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	86277	50.958	ug/l	96
82) 4-Chlorotoluene	13.129	91	776946	51.491	ug/l	98
83) tert-Butylbenzene	13.441	119	852417	52.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	980869	53.579	ug/l	98
85) sec-Butylbenzene	13.618	105	1216871	54.007	ug/l	99
86) p-Isopropyltoluene	13.729	119	1015704	54.820	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	497479	48.433	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	488449	49.990	ug/l	99
89) n-Butylbenzene	14.059	91	824351	56.048	ug/l	99
90) Hexachloroethane	14.335	117	169982	53.156	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	488011	47.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55767	51.210	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	226706	45.969	ug/l	98
94) Hexachlorobutadiene	15.500	225	123104	45.345	ug/l	99
95) Naphthalene	15.641	128	669529	45.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	224257	47.649	ug/l	97

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Instrument :
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ClientSampleId :
VSTDCCC050EC

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

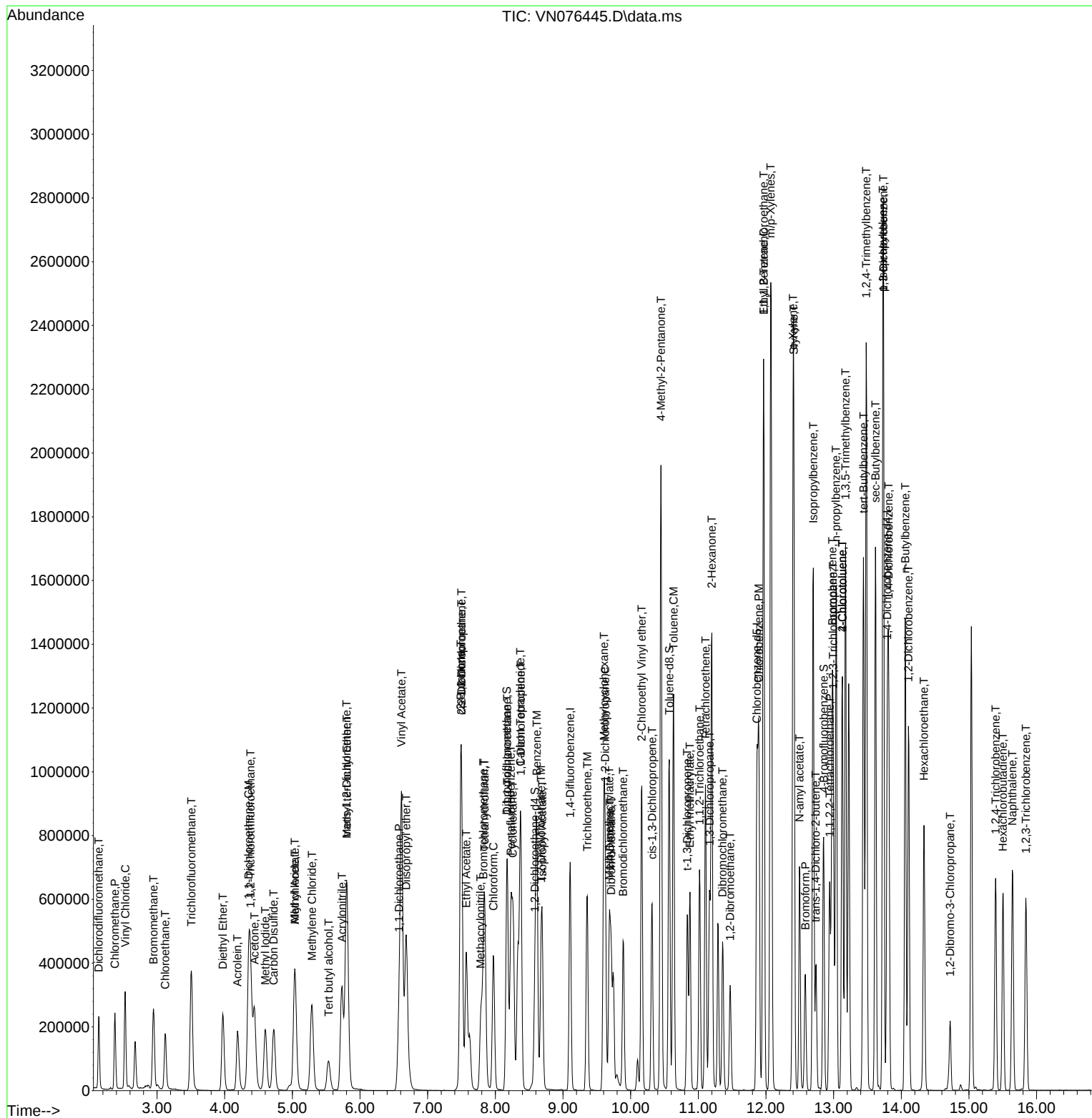
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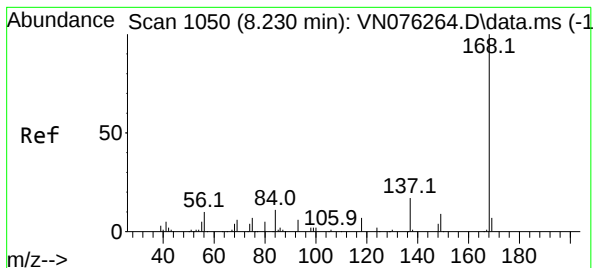
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

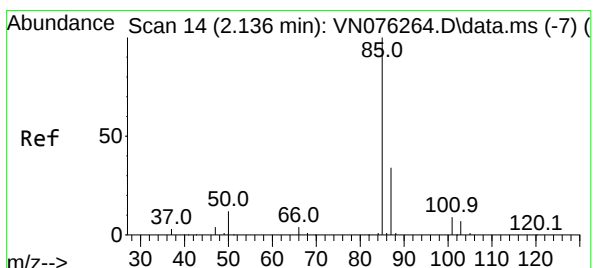
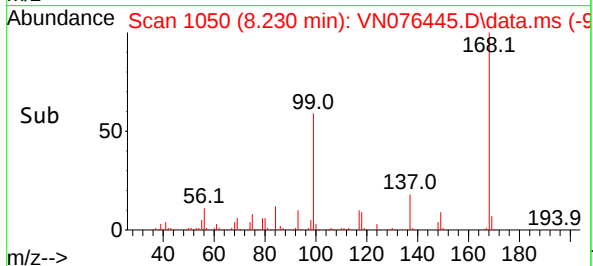
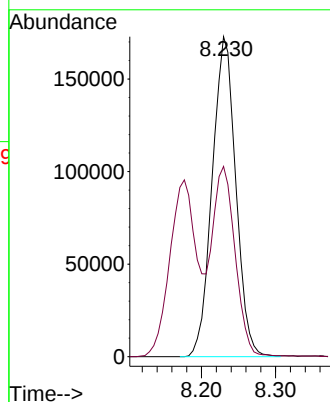
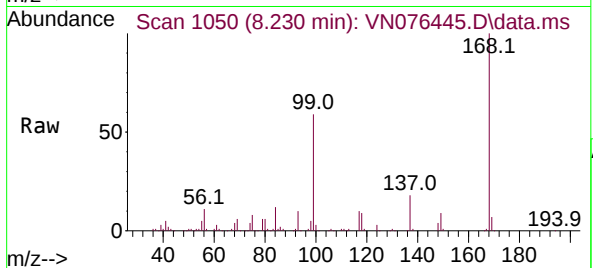
VSTDCCC050EC

Tgt Ion:168 Resp: 38256
Ion Ratio Lower Upper
168 100
99 59.1 41.6 62.4

Manual Integrations

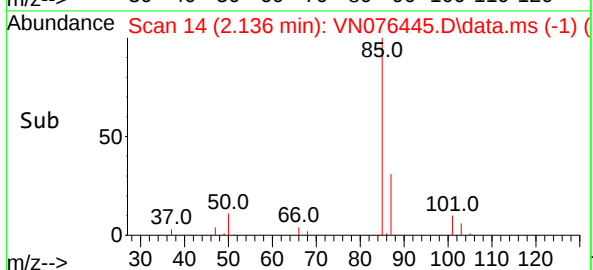
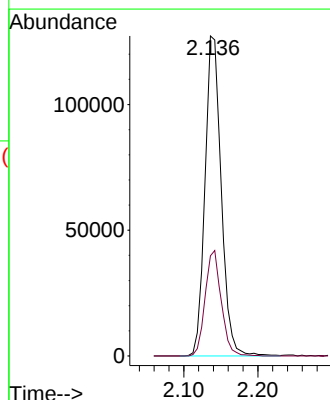
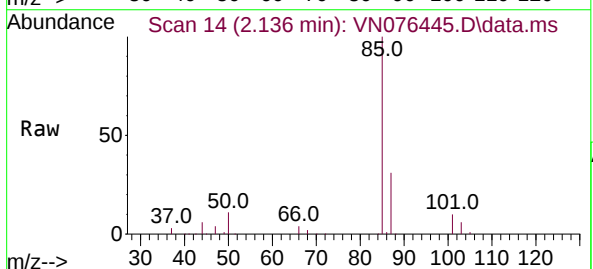
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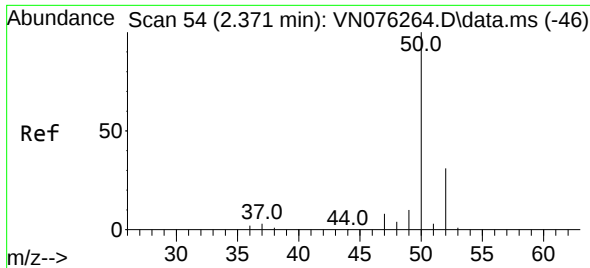
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#2
Dichlorodifluoromethane
Concen: 49.504 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

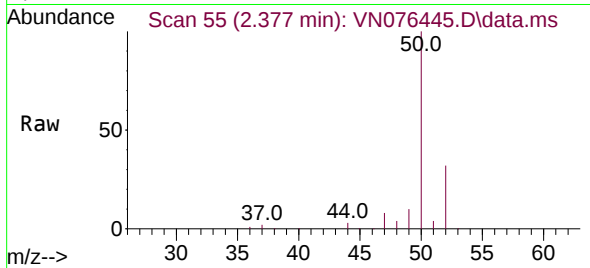
Tgt Ion: 85 Resp: 194072
Ion Ratio Lower Upper
85 100
87 31.3 17.1 51.2





#3
Chloromethane
Concen: 57.064 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

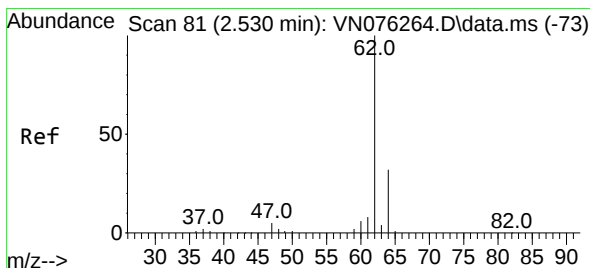
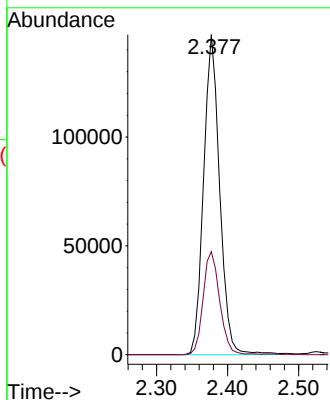
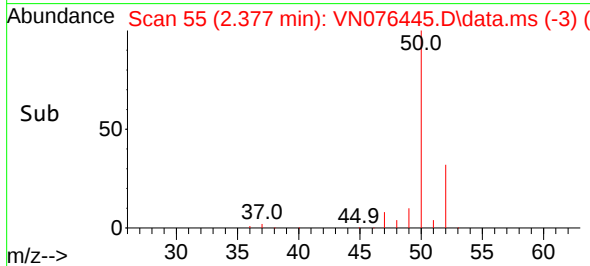
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 231629
Ion Ratio Lower Upper
50 100
52 32.2 24.8 37.2

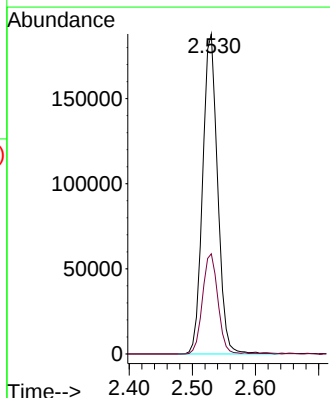
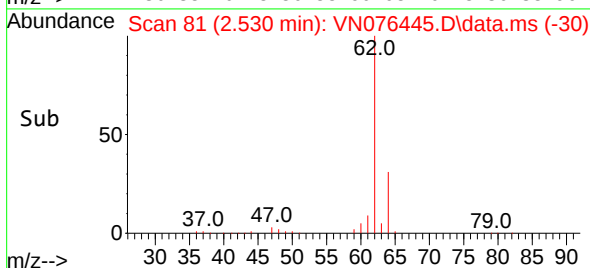
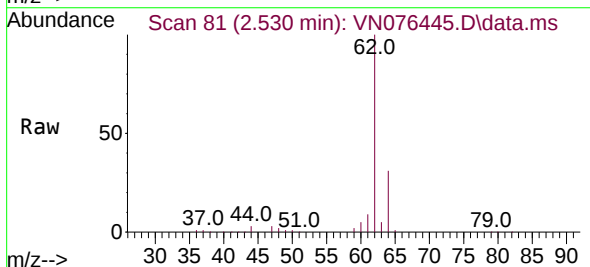
Manual Integrations
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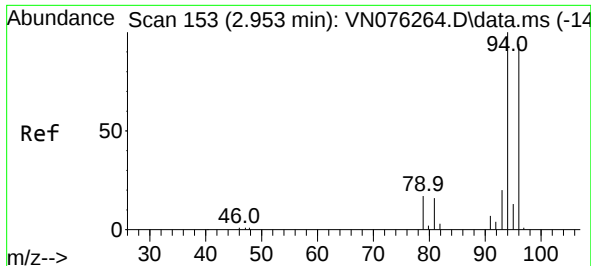
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#4
Vinyl Chloride
Concen: 62.319 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

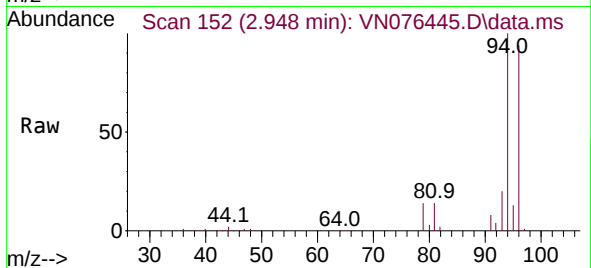
Tgt Ion: 62 Resp: 310168
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 51.018 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

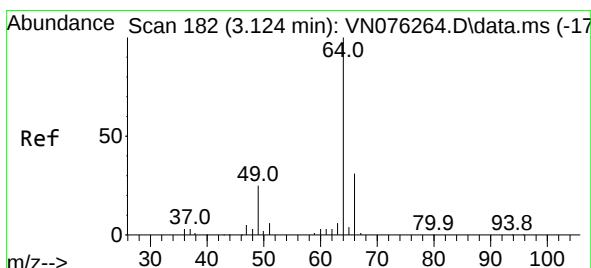
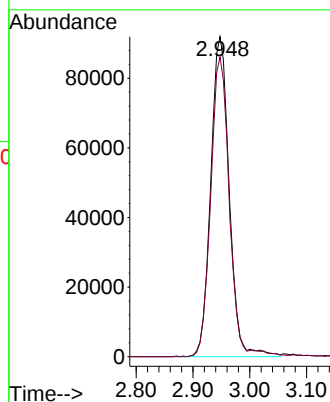
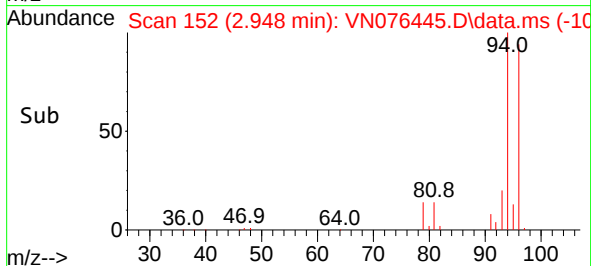
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 207940
Ion Ratio Lower Upper
94 100
96 93.7 75.1 112.7

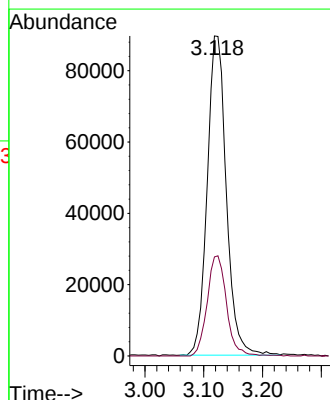
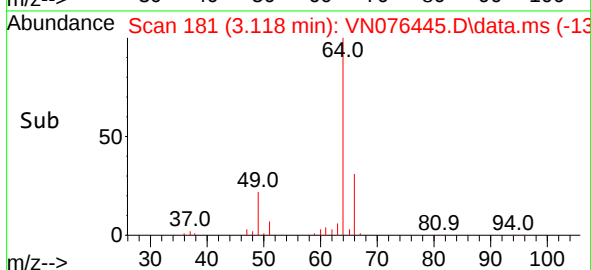
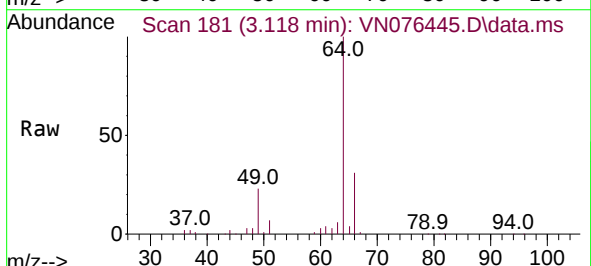
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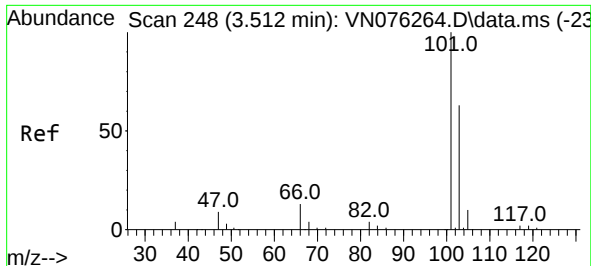
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#6
Chloroethane
Concen: 54.233 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 64 Resp: 202402
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2





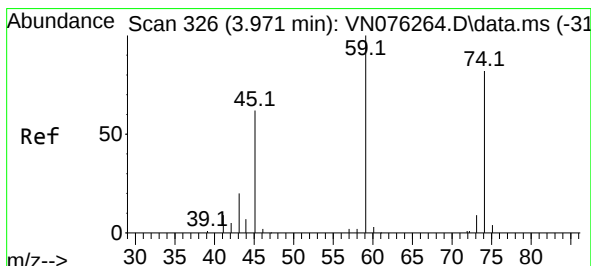
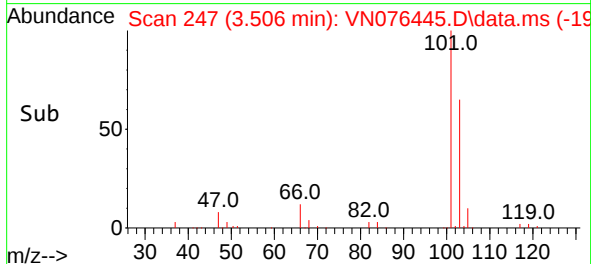
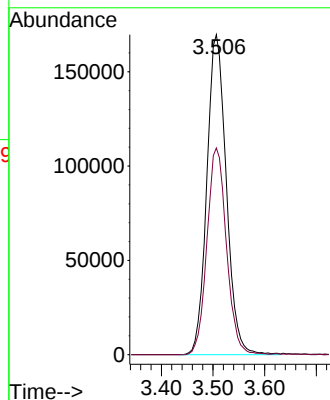
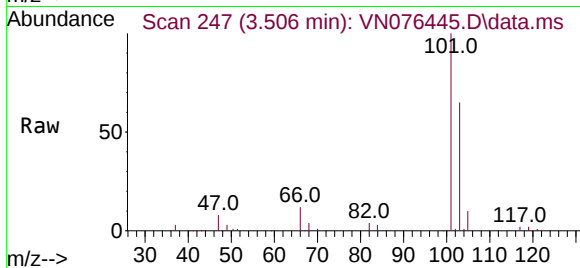
#7
Trichlorofluoromethane
Concen: 64.798 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 44369
Ion Ratio Lower Upper
101 100
103 64.6 50.2 75.4

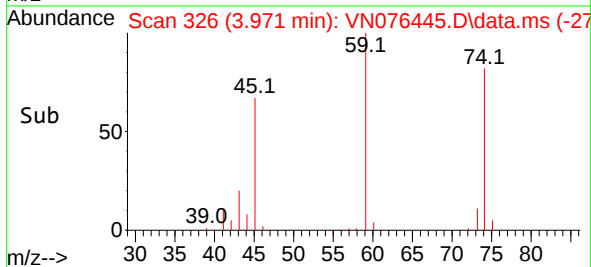
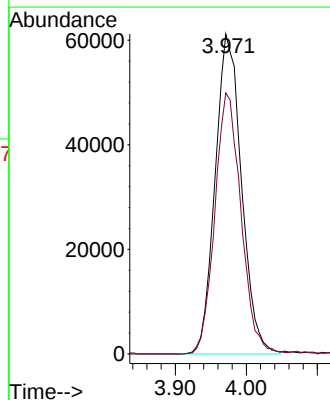
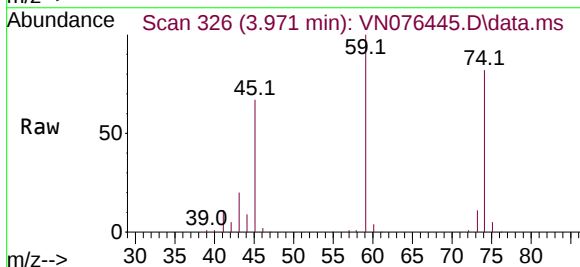
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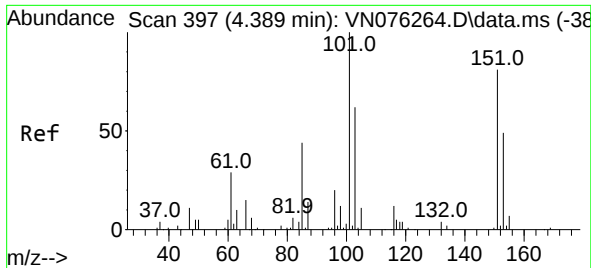
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#8
Diethyl Ether
Concen: 68.542 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 74 Resp: 157419
Ion Ratio Lower Upper
74 100
45 81.1 37.8 113.3





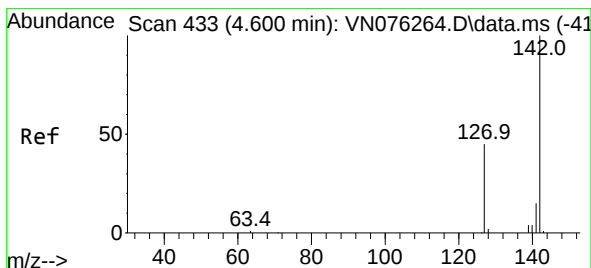
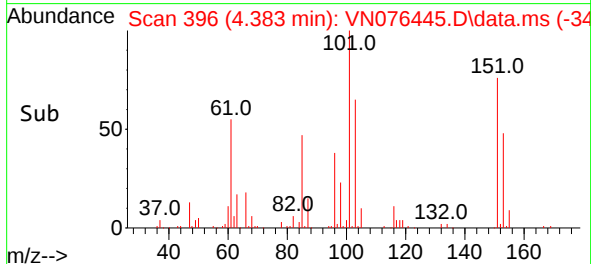
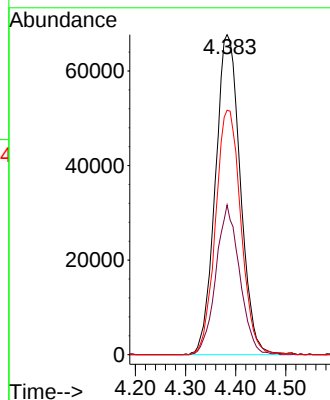
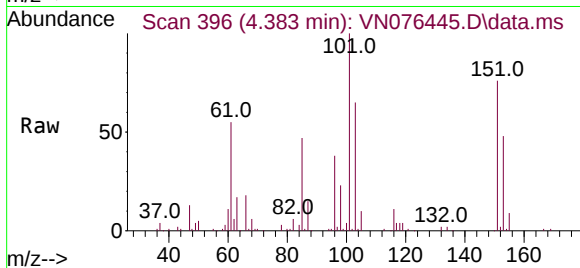
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.296 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 233724
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 77.7 65.5 98.3

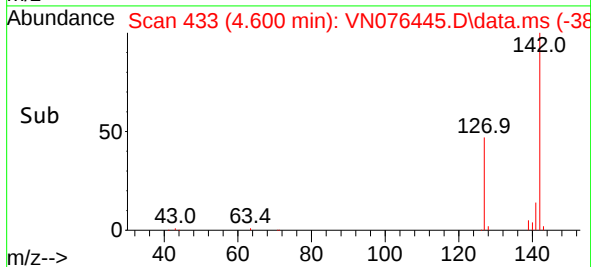
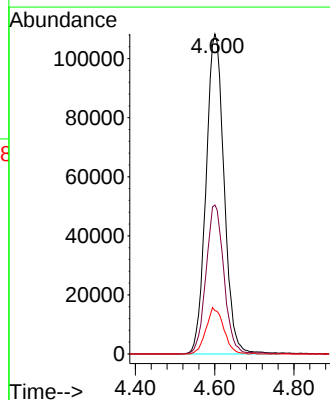
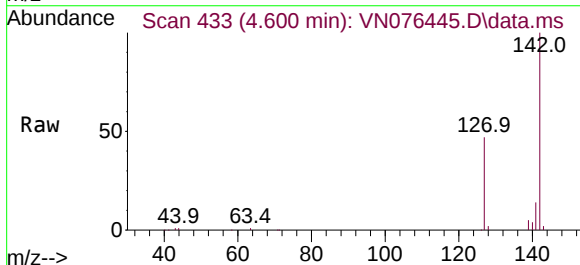
Manual Integrations
APPROVED

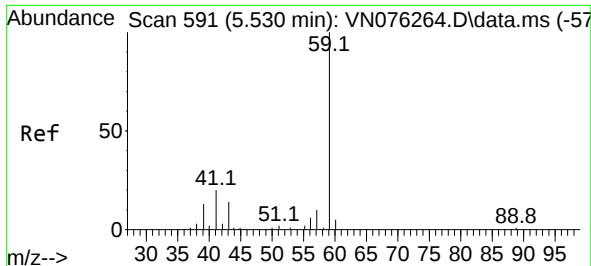
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#10
Methyl Iodide
Concen: 57.958 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

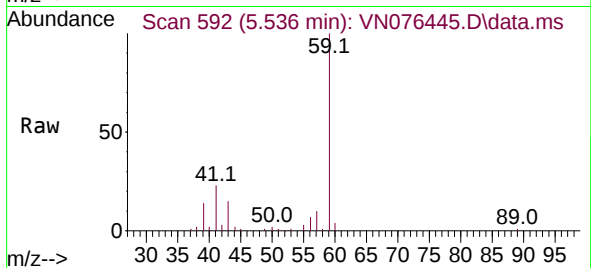
Tgt Ion:142 Resp: 343163
Ion Ratio Lower Upper
142 100
127 46.2 35.0 52.4
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 294.831 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

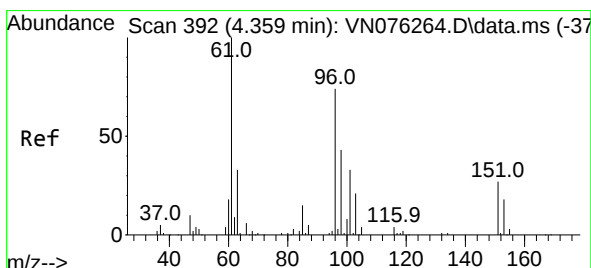
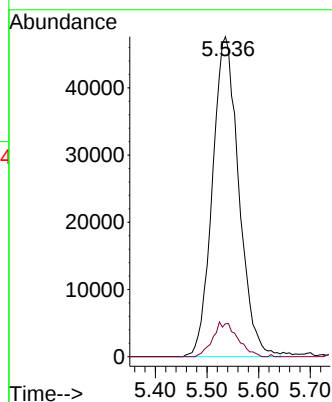
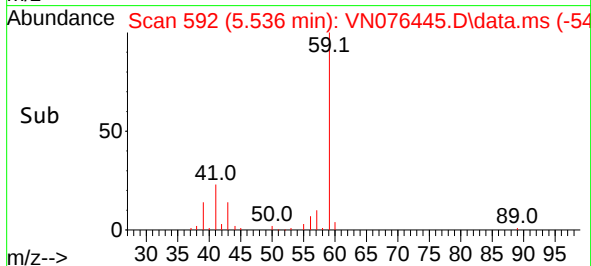
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 16892
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

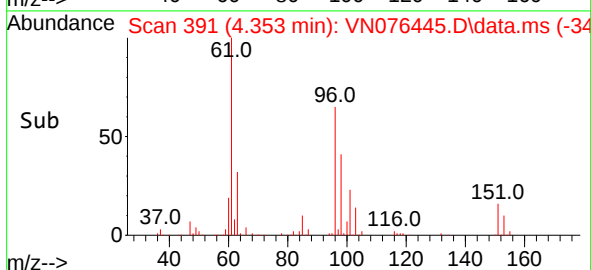
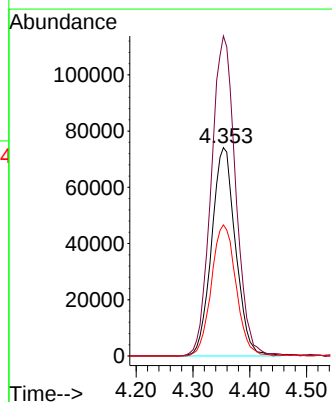
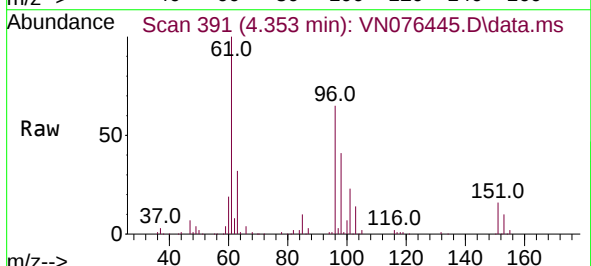
Manual Integrations
APPROVED

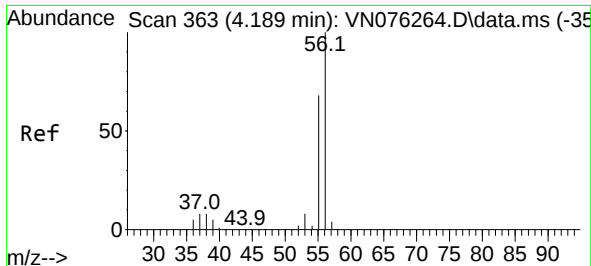
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#12
1,1-Dichloroethene
Concen: 59.262 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

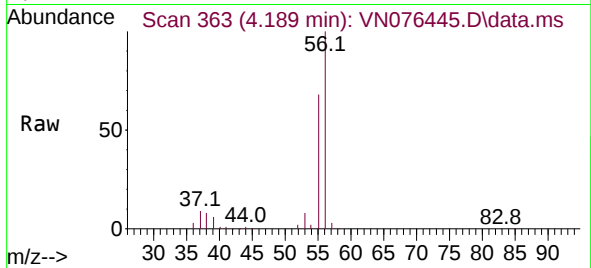
Tgt Ion: 96 Resp: 217150
Ion Ratio Lower Upper
96 100
61 153.5 108.2 162.4
98 62.9 47.0 70.6





#13
Acrolein
Concen: 355.517 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

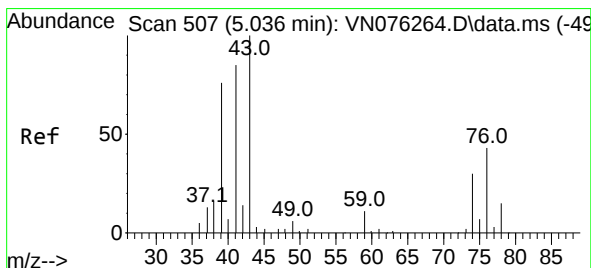
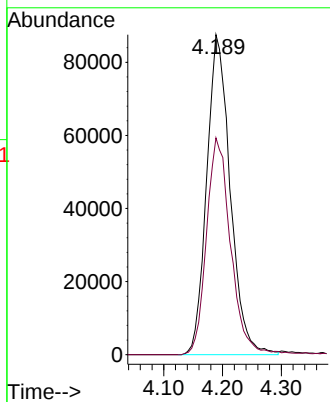
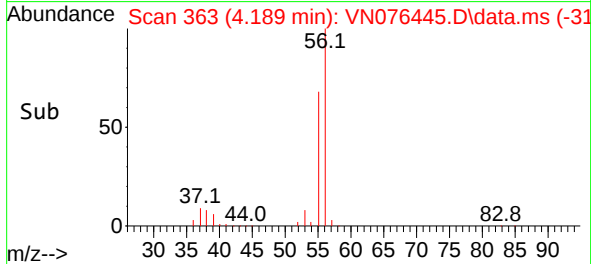
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



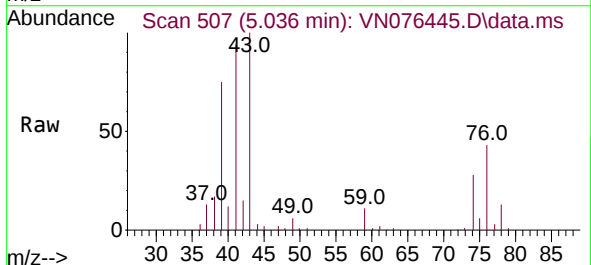
Tgt Ion: 56 Resp: 243590
Ion Ratio Lower Upper
56 100
55 69.5 55.8 83.6

Manual Integrations
APPROVED

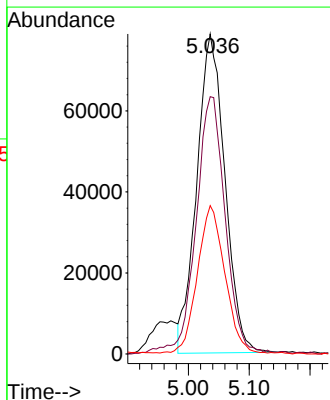
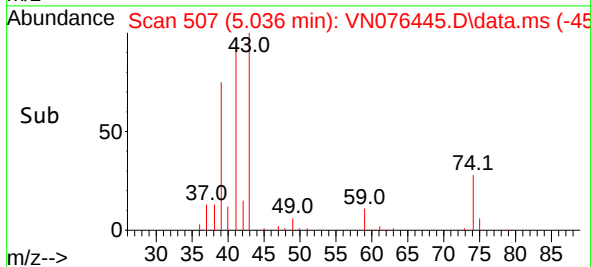
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

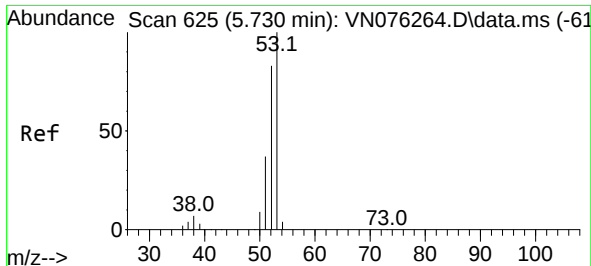


#14
Allyl chloride
Concen: 59.213 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



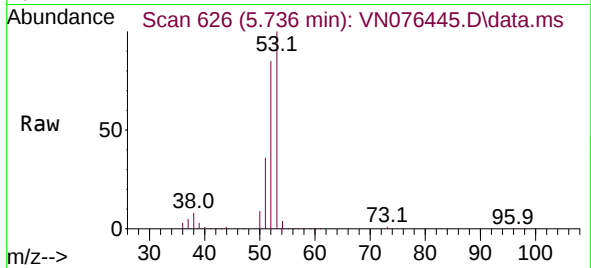
Tgt Ion: 41 Resp: 252848
Ion Ratio Lower Upper
41 100
39 84.0 67.4 101.0
76 44.9 39.8 59.8





#15
Acrylonitrile
Concen: 267.458 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

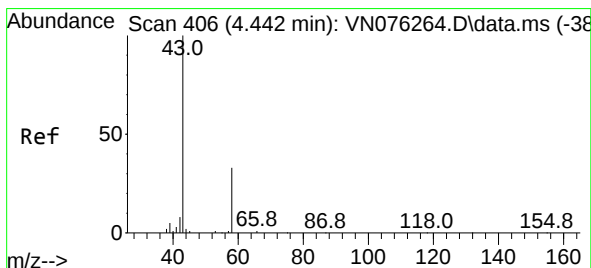
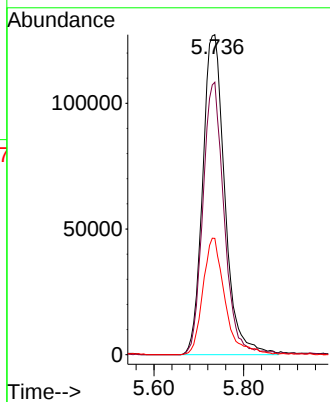
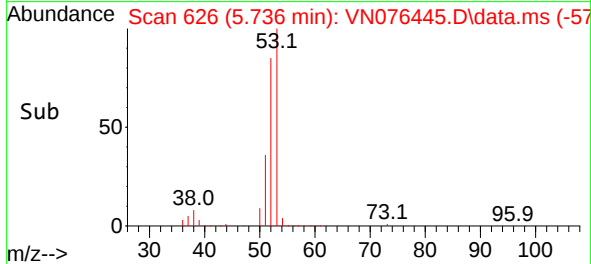
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 436070
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 36.4 29.2 43.8

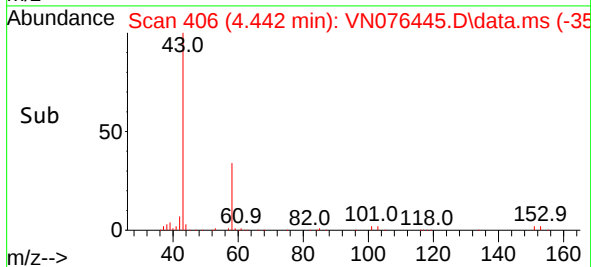
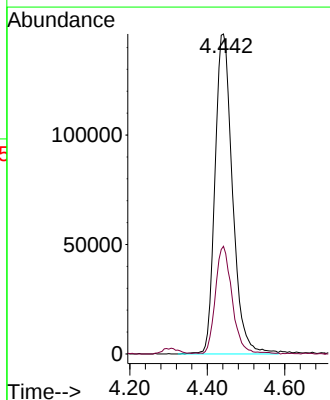
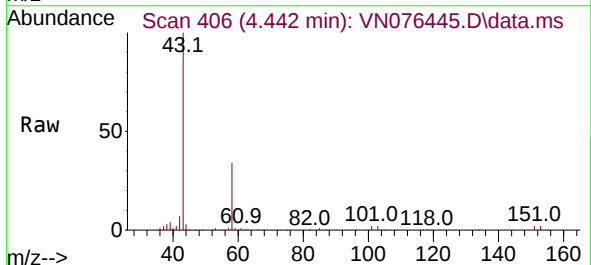
Manual Integrations
APPROVED

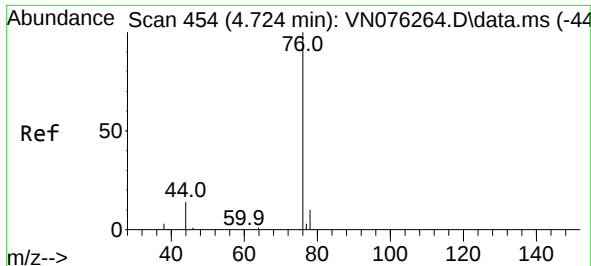
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#16
Acetone
Concen: 334.294 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

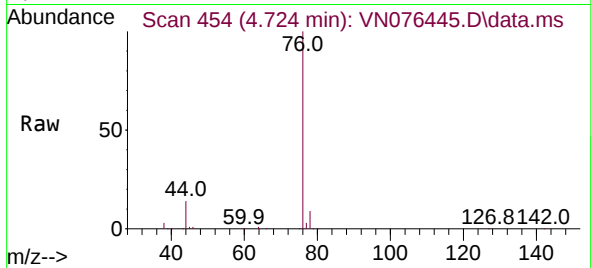
Tgt Ion: 43 Resp: 459005
Ion Ratio Lower Upper
43 100
58 33.3 26.7 40.1





#17
Carbon Disulfide
Concen: 49.267 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

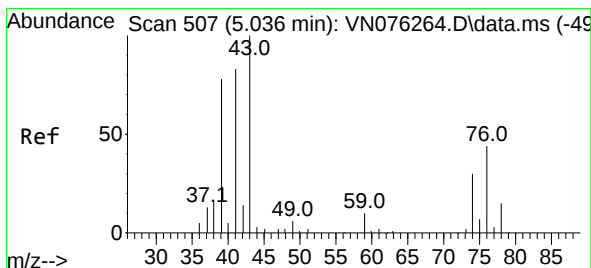
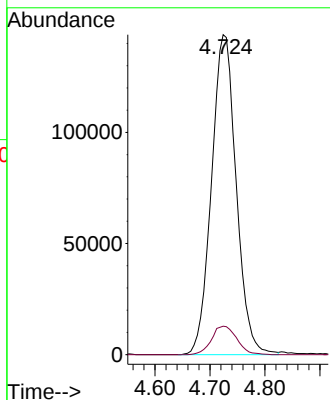
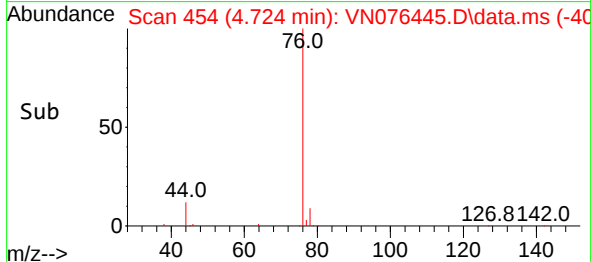
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



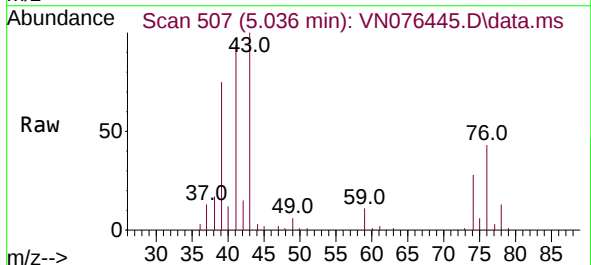
Tgt Ion: 76 Resp: 449499
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0

Manual Integrations
APPROVED

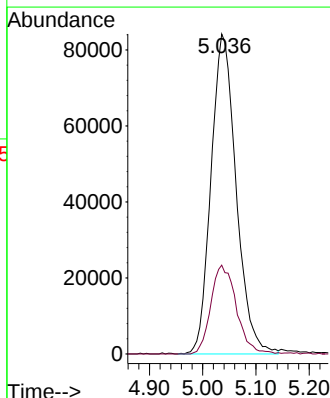
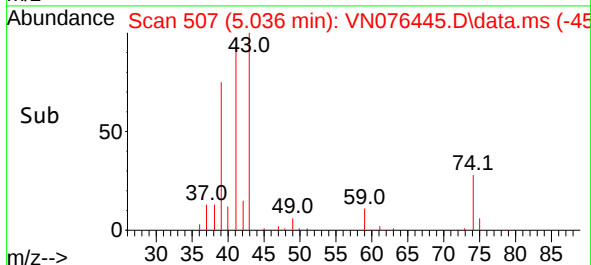
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

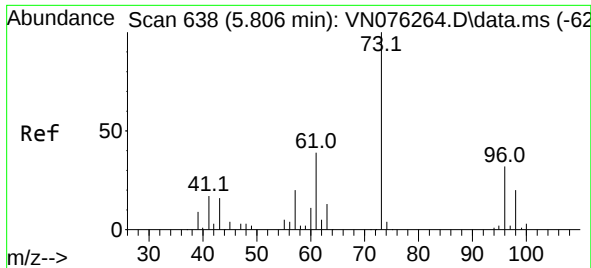


#18
Methyl Acetate
Concen: 59.227 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion: 43 Resp: 275619
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9





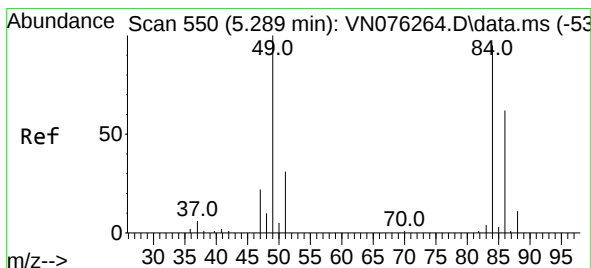
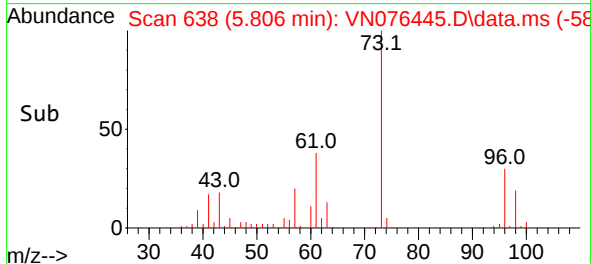
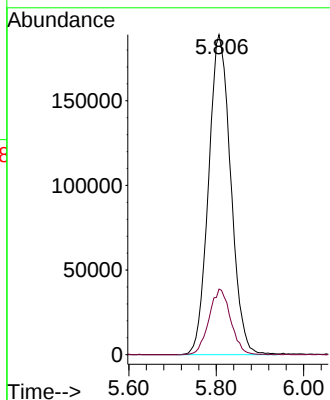
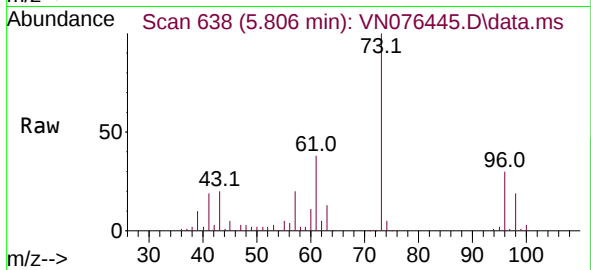
#19
Methyl tert-butyl Ether
Concen: 55.786 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 66547
Ion Ratio Lower Upper
73 100
57 20.5 15.9 23.9

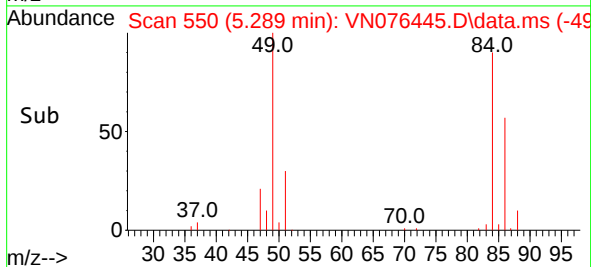
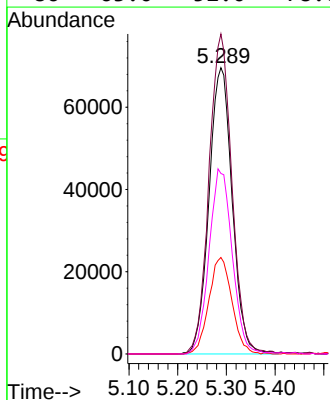
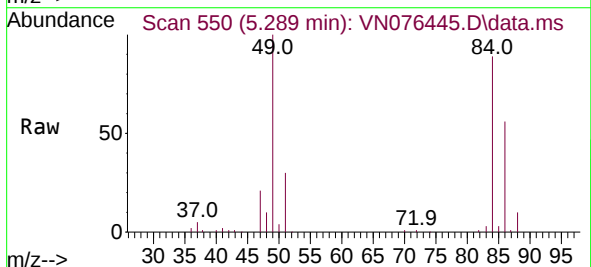
Manual Integrations
APPROVED

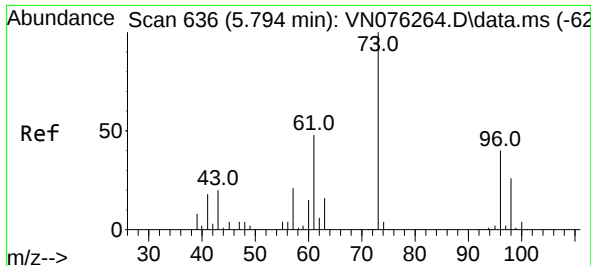
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#20
Methylene Chloride
Concen: 56.809 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 84 Resp: 230496
Ion Ratio Lower Upper
84 100
49 111.8 84.5 126.7
51 33.7 26.0 39.0
86 63.0 52.0 78.0





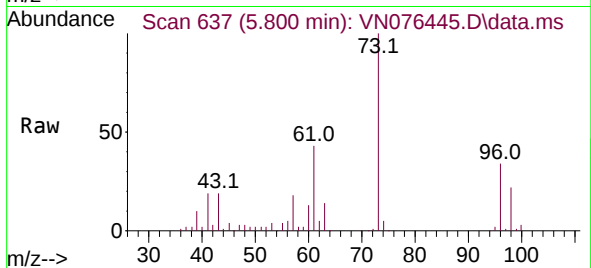
#21
trans-1,2-Dichloroethene
Concen: 48.871 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

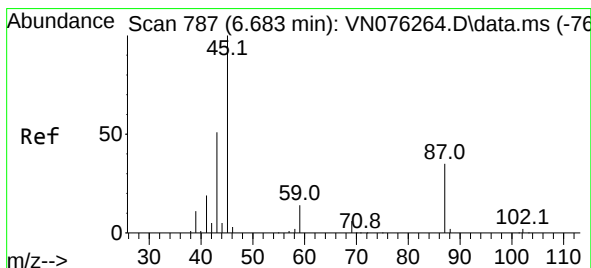
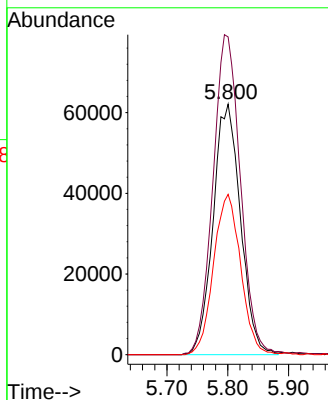
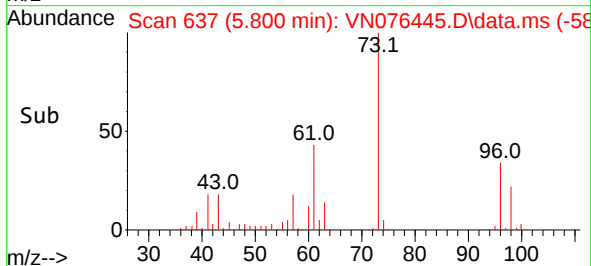


Tgt Ion: 96 Resp: 19400
Ion Ratio Lower Upper
96 100
61 126.8 97.0 145.4
98 64.0 51.9 77.9

Manual Integrations

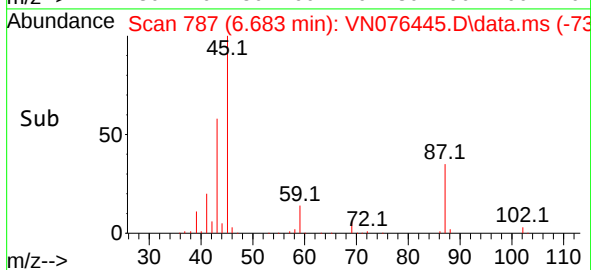
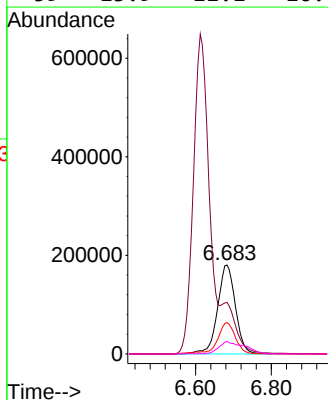
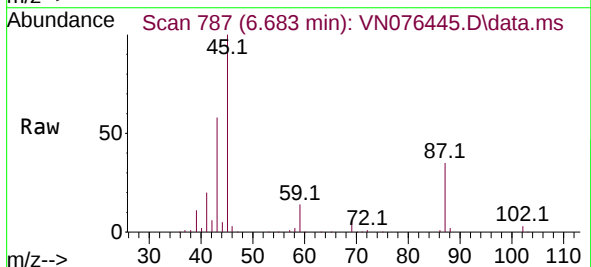
APPROVED

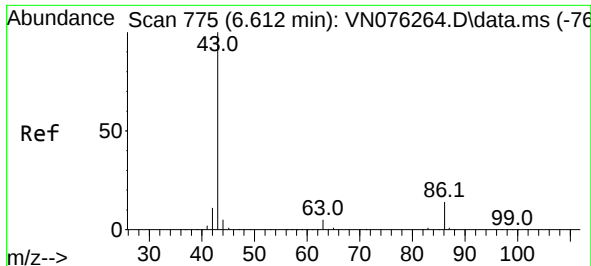
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#22
Diisopropyl ether
Concen: 58.722 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

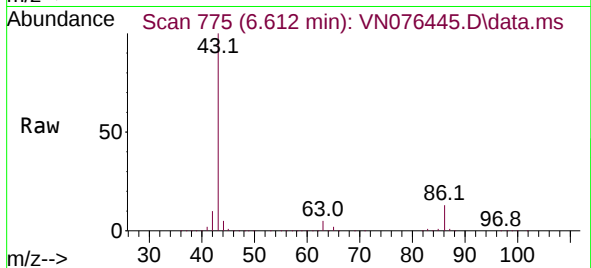
Tgt Ion: 45 Resp: 591337
Ion Ratio Lower Upper
45 100
43 57.4 44.4 66.6
87 35.2 28.4 42.6
59 13.9 11.1 16.7





#23
 Vinyl Acetate
 Concen: 289.201 ug/l
 RT: 6.612 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57

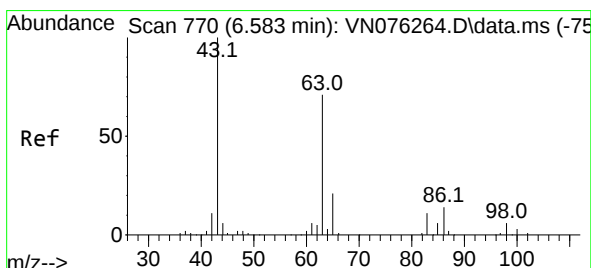
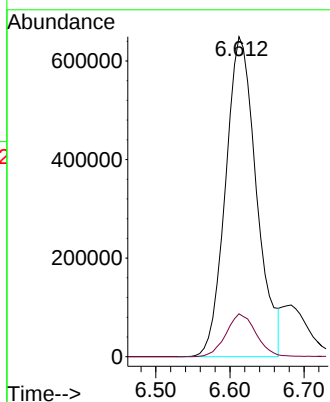
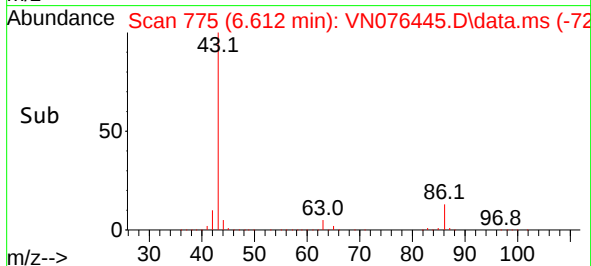
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



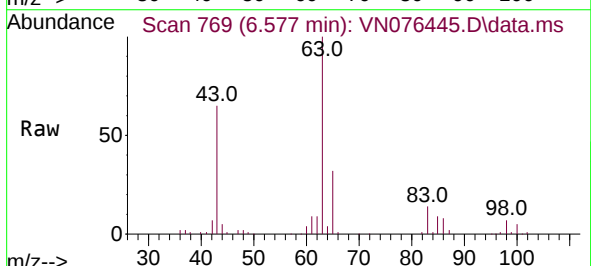
Tgt Ion: 43 Resp: 1882180
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

Manual Integrations
 APPROVED

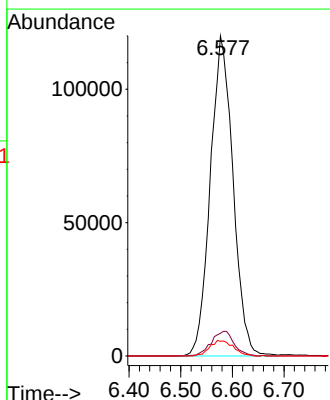
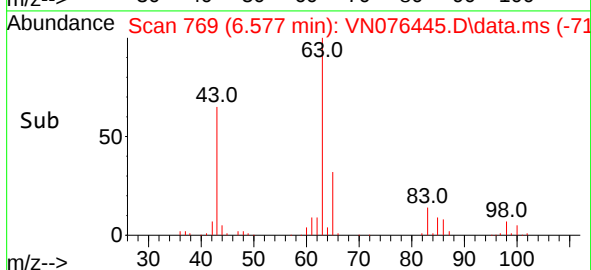
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023

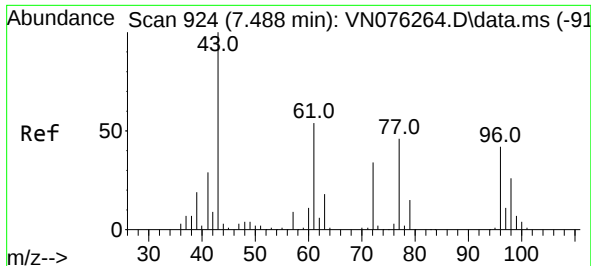


#24
 1,1-Dichloroethane
 Concen: 54.543 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57



Tgt Ion: 63 Resp: 366114
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 267.453 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 560910

Ion Ratio Lower Upper

43 100

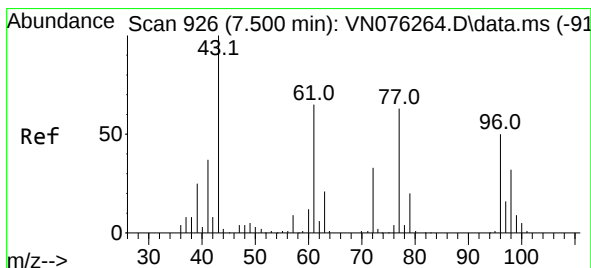
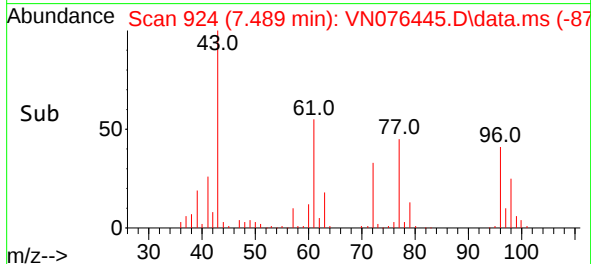
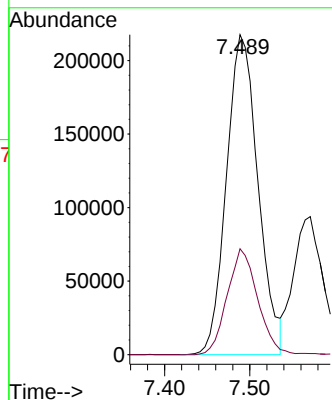
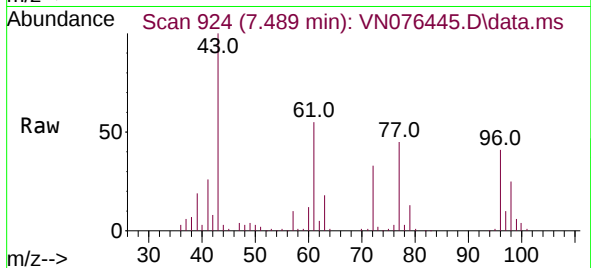
72 33.1 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#26

2,2-Dichloropropane

Concen: 53.800 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076445.D

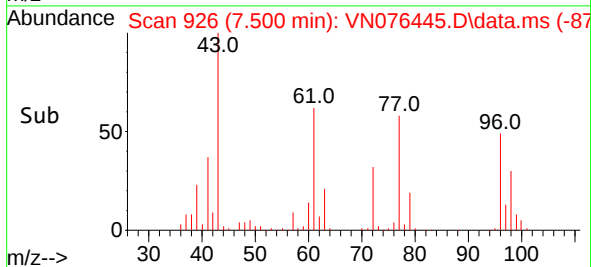
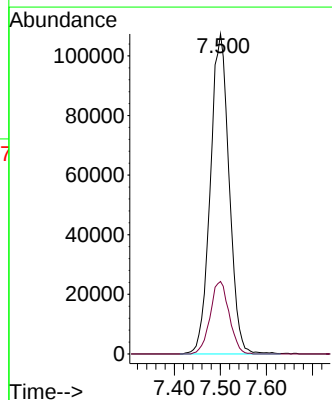
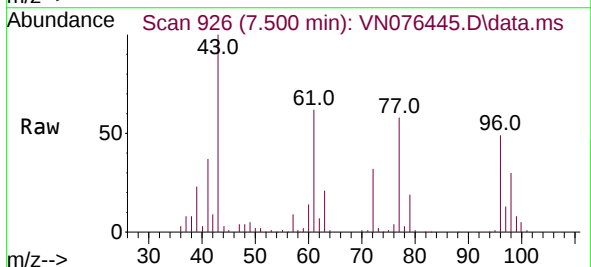
Acq: 27 Jan 2023 17:57

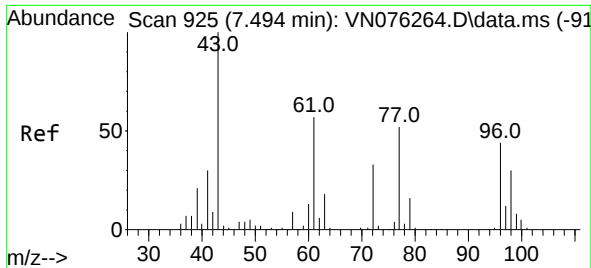
Tgt Ion: 77 Resp: 304366

Ion Ratio Lower Upper

77 100

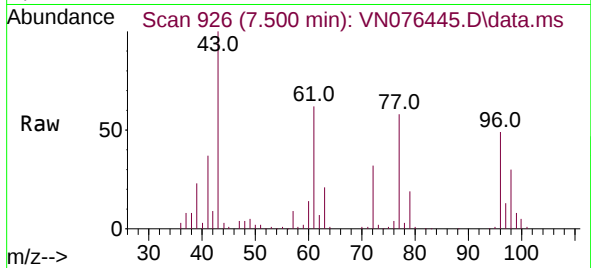
97 22.8 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.906 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57

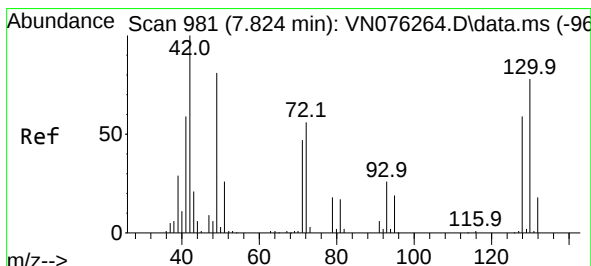
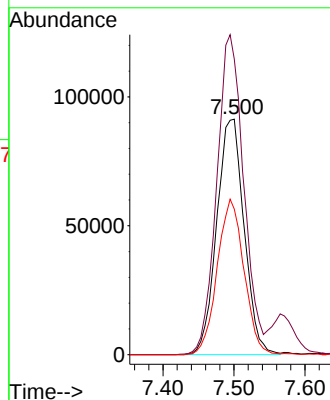
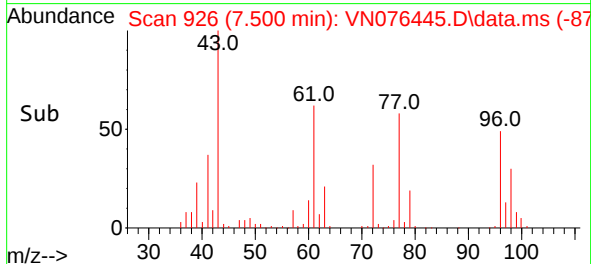
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 24494
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 259.6
 98 64.5 0.0 129.4

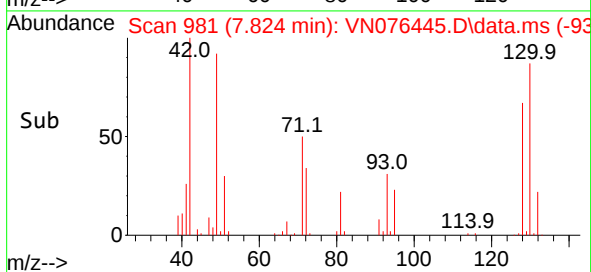
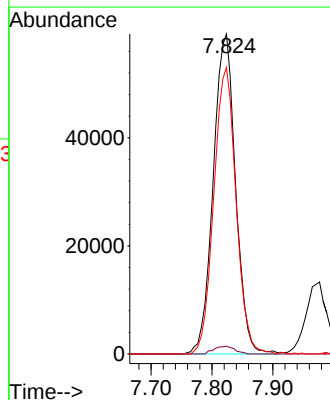
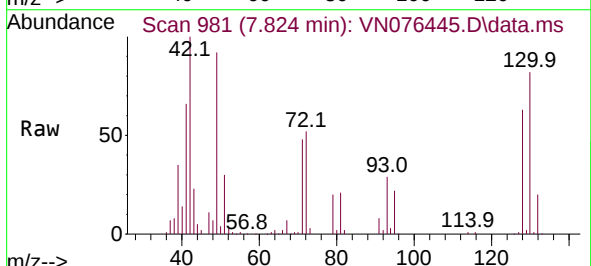
Manual Integrations
 APPROVED

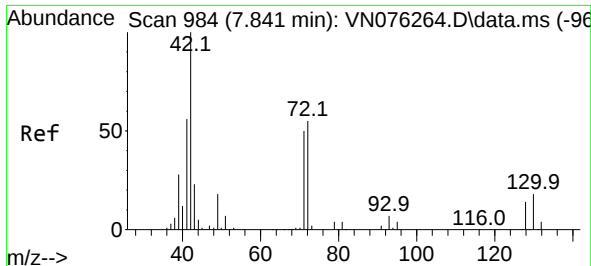
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#28
 Bromochloromethane
 Concen: 55.425 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57

Tgt Ion: 49 Resp: 150796
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.2
 130 89.1 76.0 114.0





#29

Tetrahydrofuran

Concen: 282.872 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076445.D

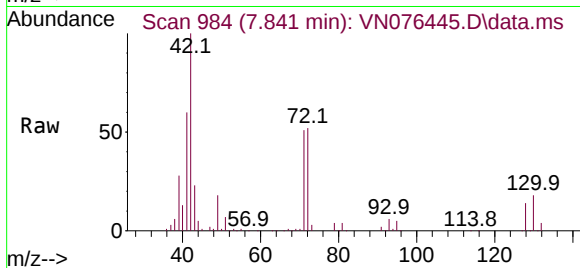
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



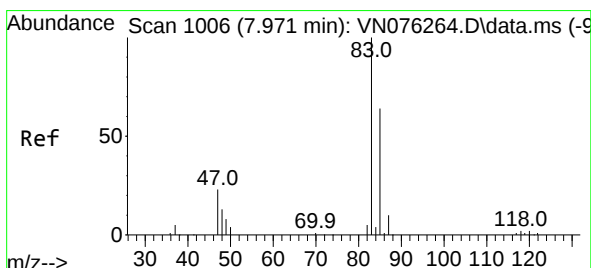
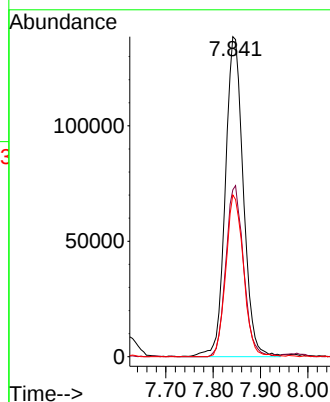
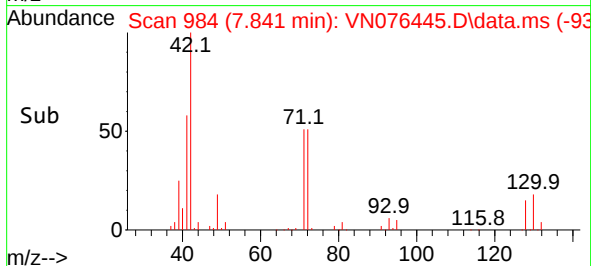
Tgt Ion:	42	Resp:	36614
Ion Ratio	Lower	Upper	
42	100		
72	52.6	44.0	66.0
71	49.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#30

Chloroform

Concen: 55.220 ug/l

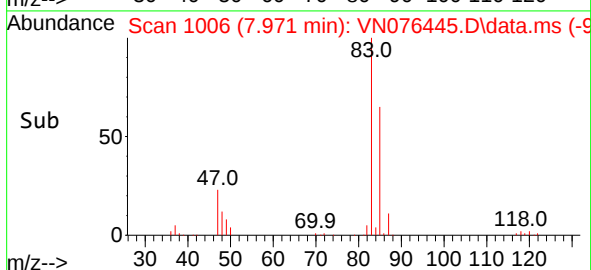
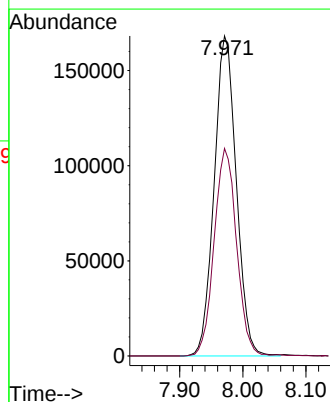
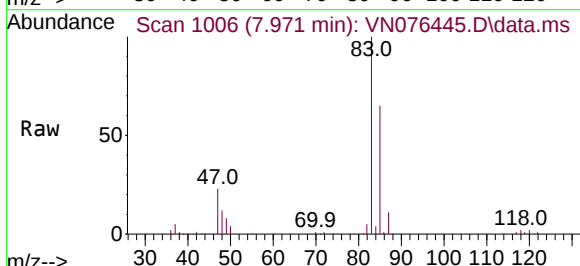
RT: 7.971 min Scan# 1006

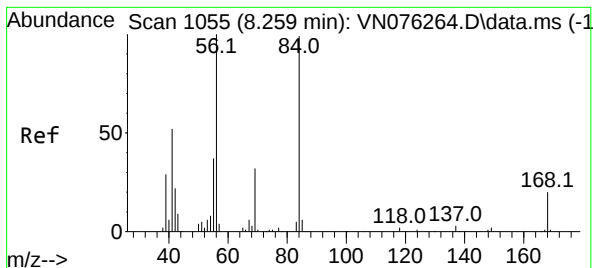
Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Tgt Ion:	83	Resp:	410138
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.0	76.6





#31

Cyclohexane

Concen: 45.920 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 302159

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.8

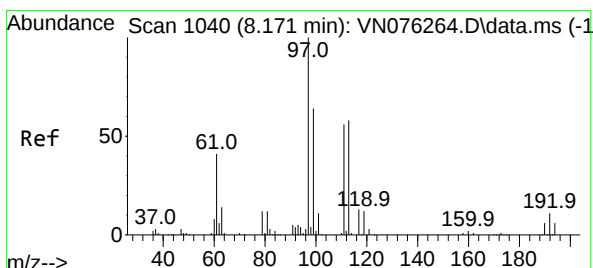
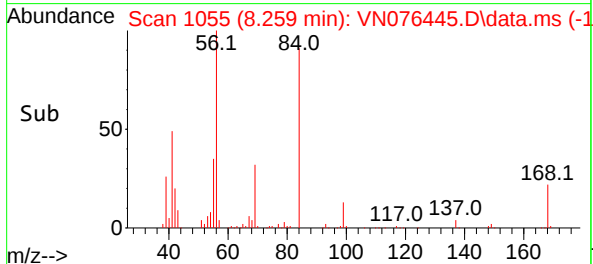
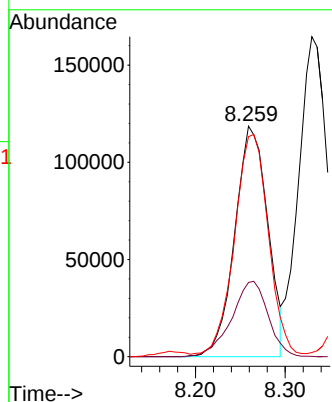
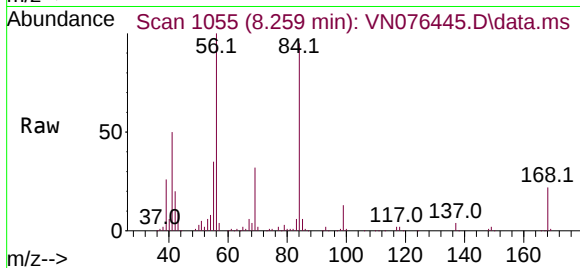
84 93.5 79.0 118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#32

1,1,1-Trichloroethane

Concen: 54.296 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

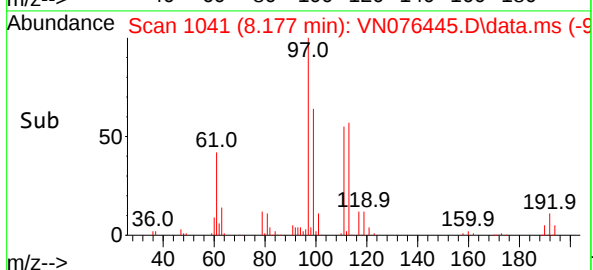
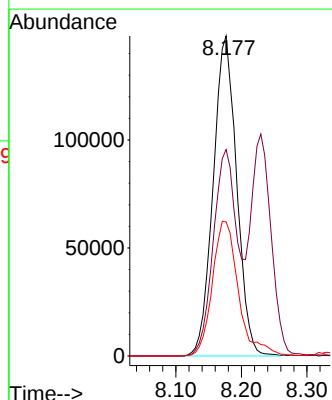
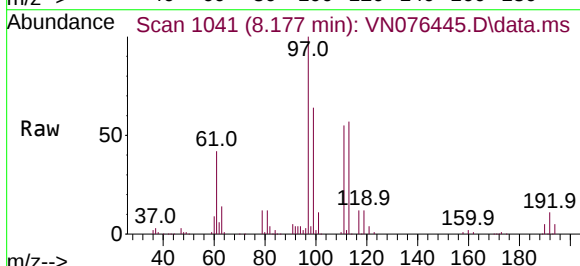
Tgt Ion: 97 Resp: 368184

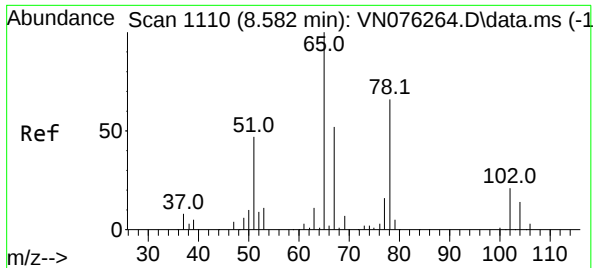
Ion Ratio Lower Upper

97 100

99 67.9 55.0 82.4

61 46.8 36.2 54.4





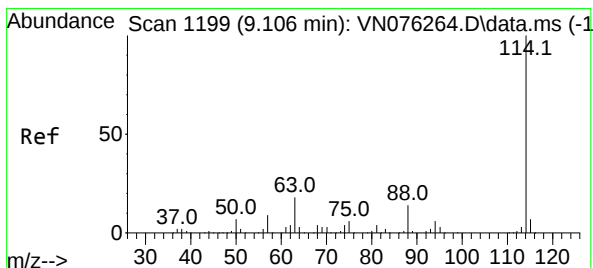
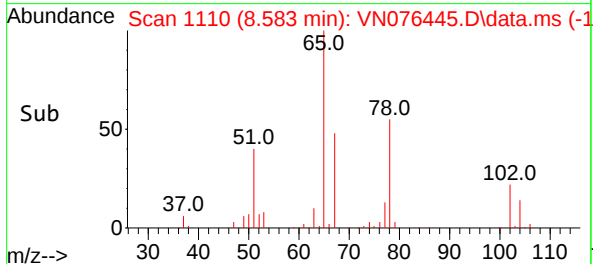
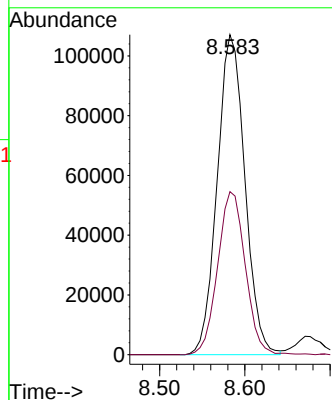
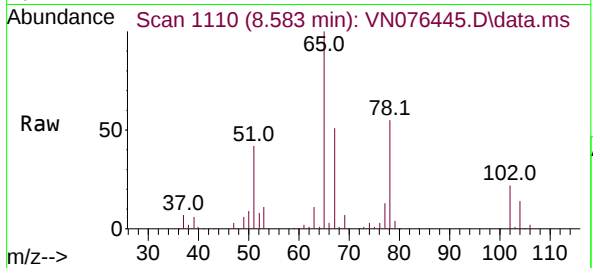
#33
1,2-Dichloroethane-d4
Concen: 56.562 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 24228
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.6

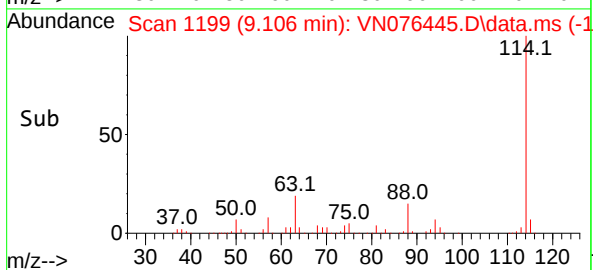
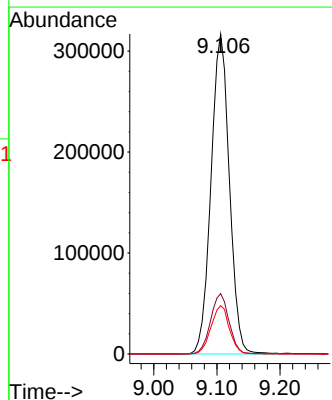
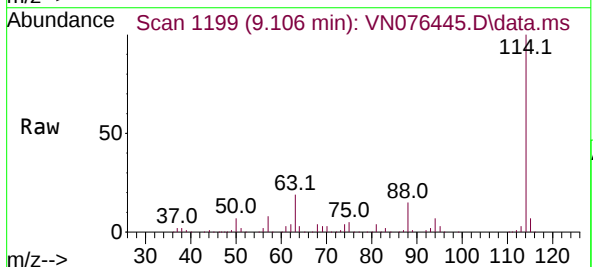
Manual Integrations
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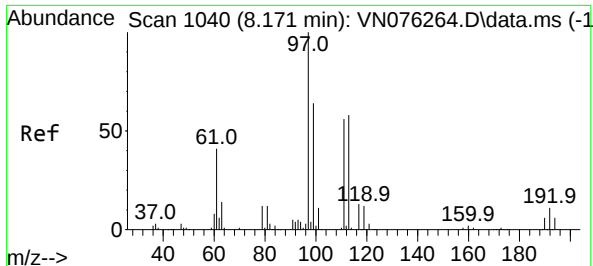
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion:114 Resp: 639405
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.8
88 15.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.190 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076445.D

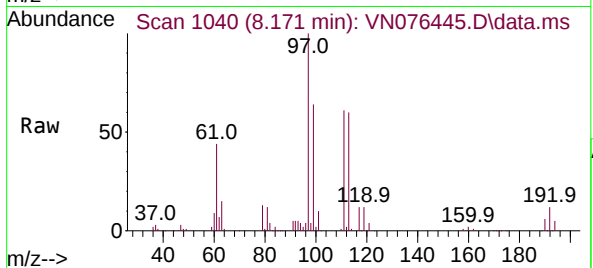
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



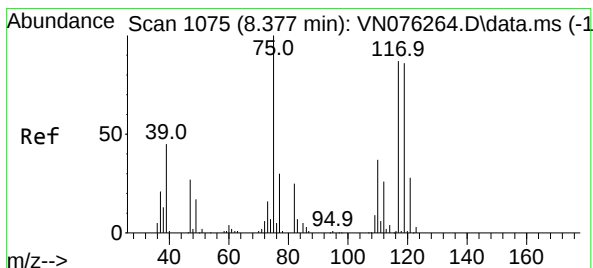
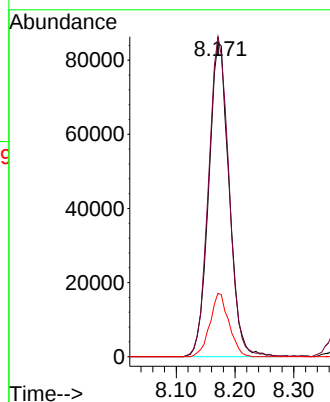
Tgt Ion:	113	Resp:	20474
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.7	124.1
192	18.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#36

1,1-Dichloropropene

Concen: 49.790 ug/l

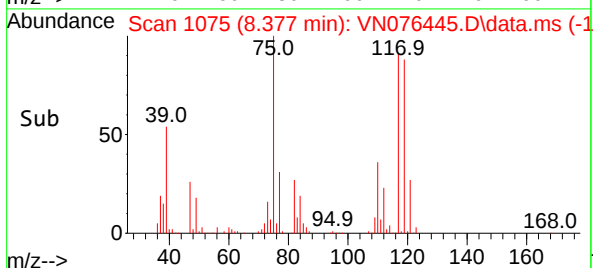
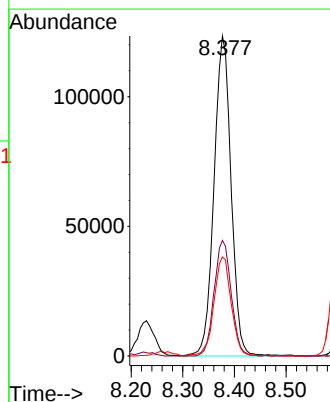
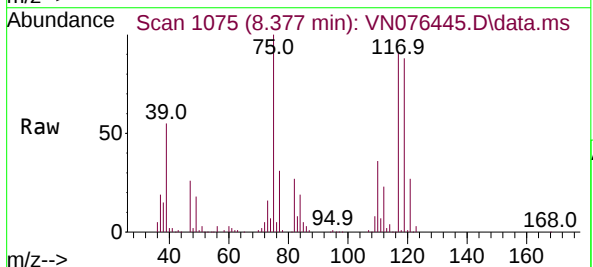
RT: 8.377 min Scan# 1075

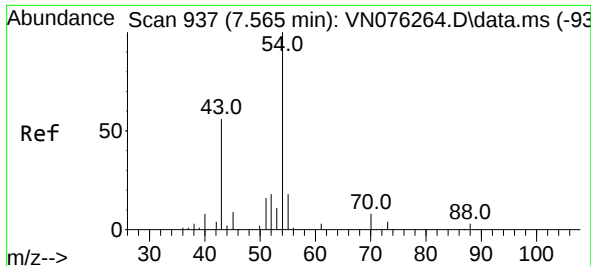
Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Tgt Ion:	75	Resp:	282983
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.8	56.3
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 51.116 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 233028

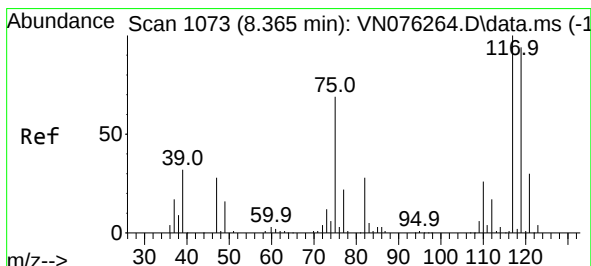
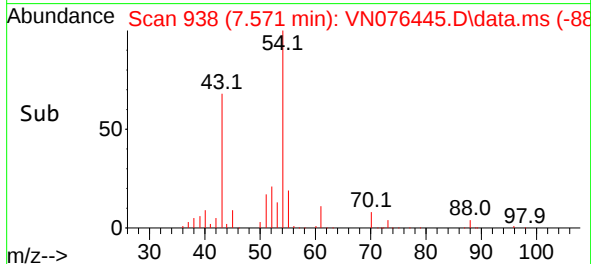
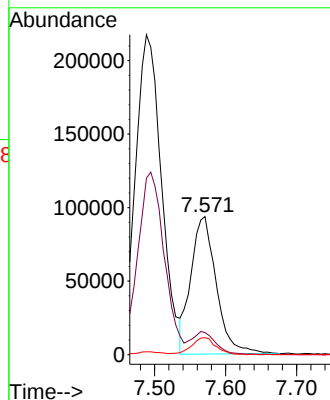
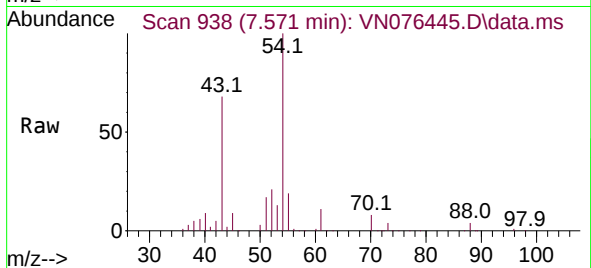
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	11.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#38

Carbon Tetrachloride

Concen: 50.860 ug/l

RT: 8.371 min Scan# 1074

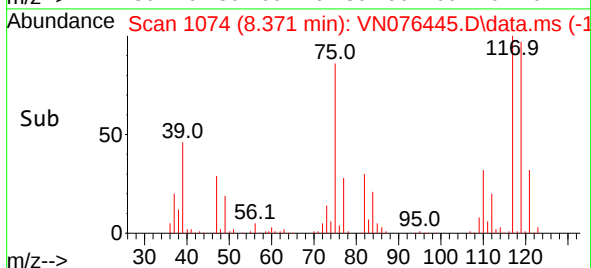
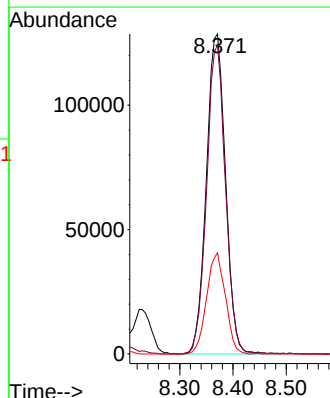
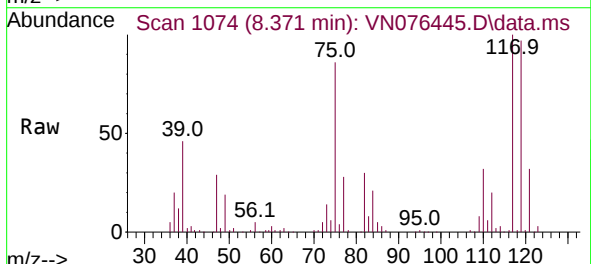
Delta R.T. 0.006 min

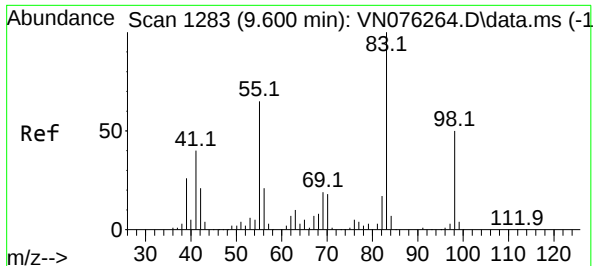
Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Tgt Ion:117 Resp: 322353

Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
121	31.6	24.2	36.2





#39

Methylcyclohexane

Concen: 49.726 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 345130

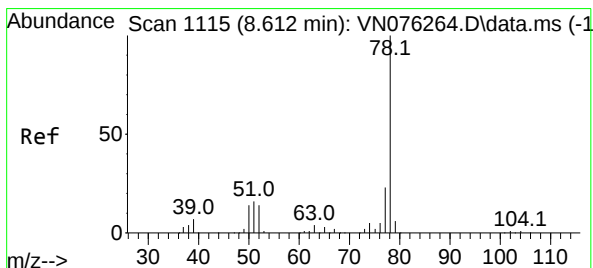
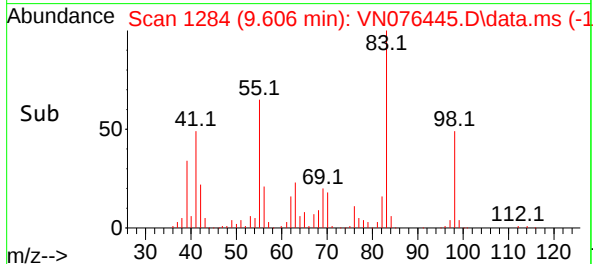
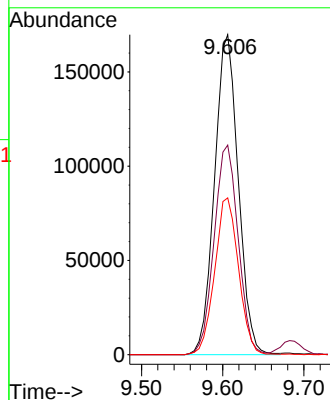
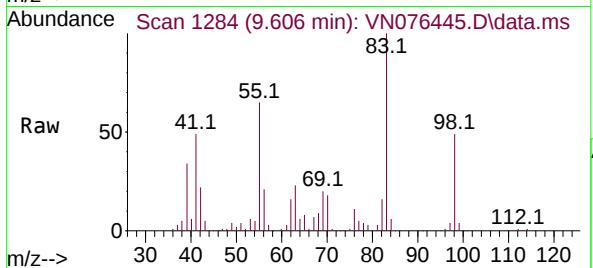
Ion	Ratio	Lower	Upper
83	100		
55	65.5	51.7	77.5
98	49.0	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#40

Benzene

Concen: 51.012 ug/l

RT: 8.612 min Scan# 1115

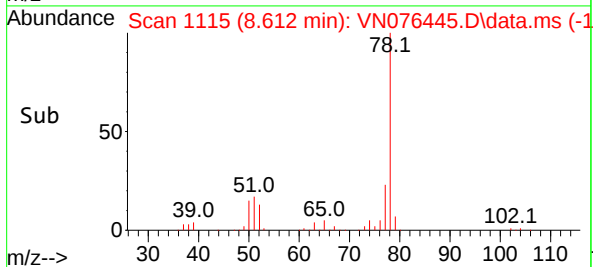
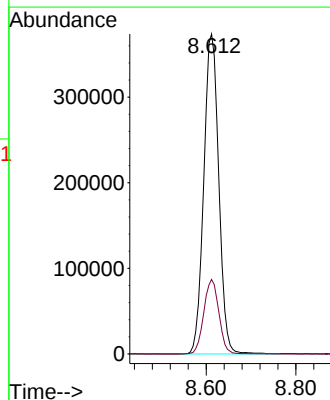
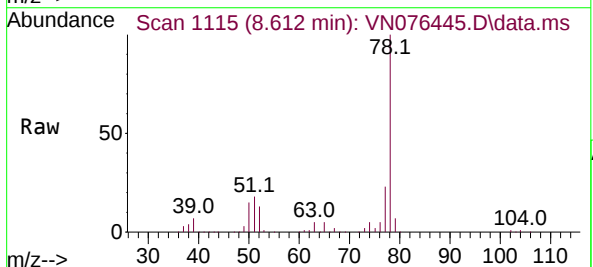
Delta R.T. -0.000 min

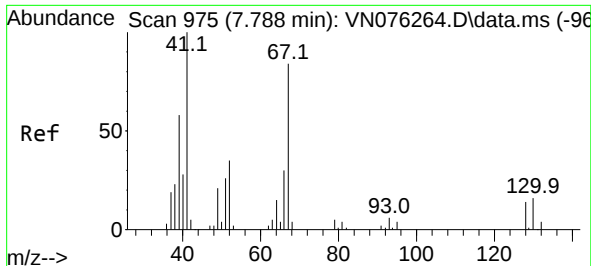
Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Tgt Ion: 78 Resp: 866942

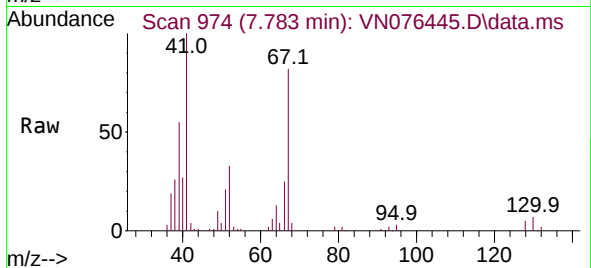
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





#41
Methacrylonitrile
Concen: 54.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

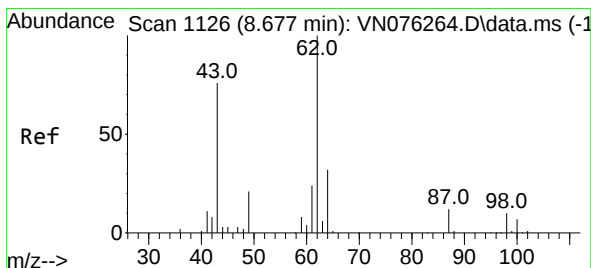
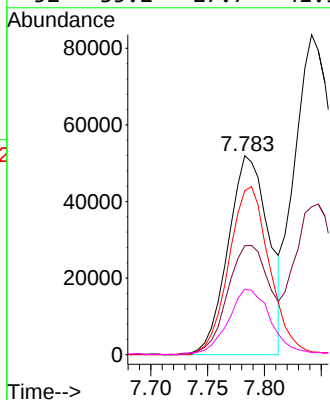
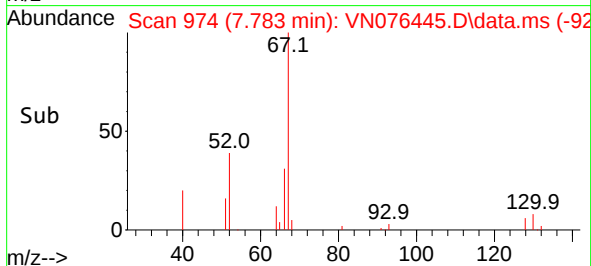
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 129230
Ion Ratio Lower Upper
41 100
39 57.3 42.4 63.6
67 85.7 68.8 103.2
52 35.2 27.7 41.5

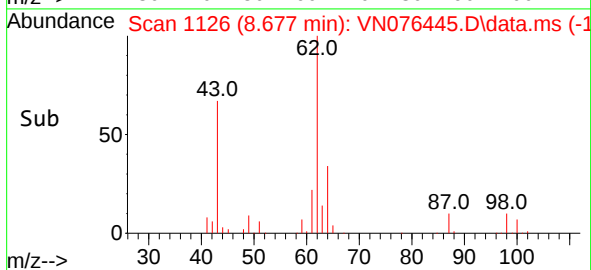
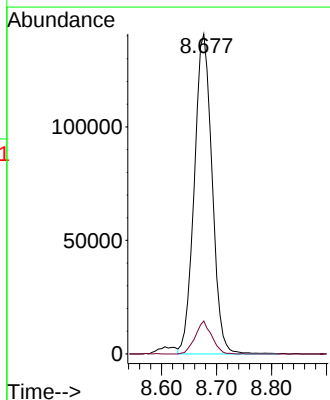
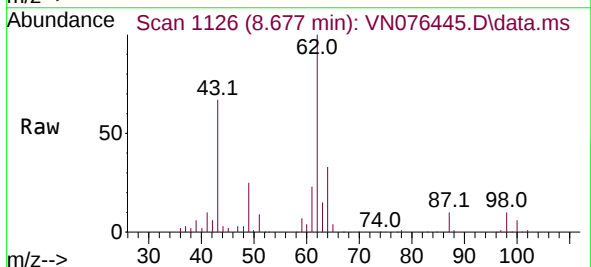
Manual Integrations
APPROVED

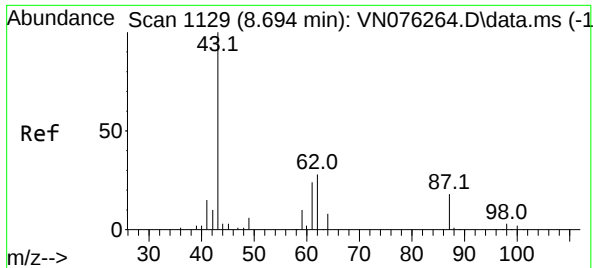
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#42
1,2-Dichloroethane
Concen: 54.487 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 62 Resp: 316828
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 53.999 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 40046

Ion Ratio Lower Upper

43 100

61 28.4 23.5 35.3

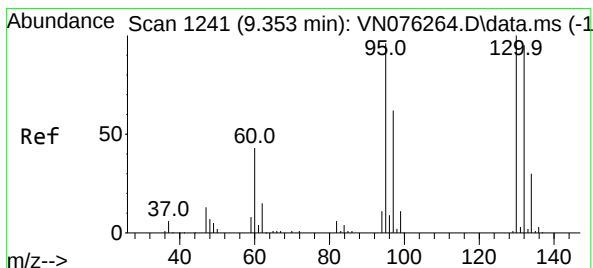
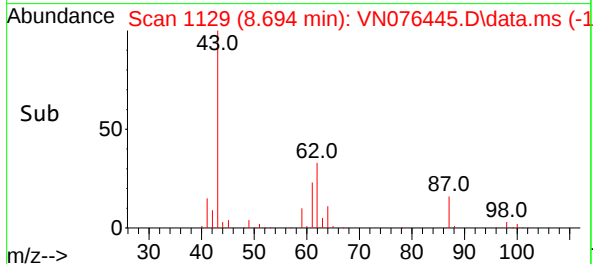
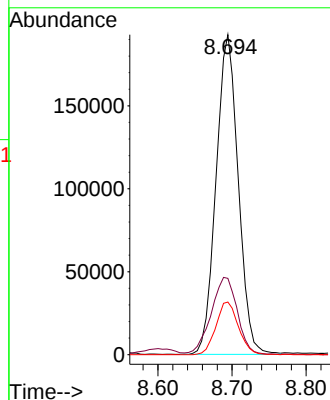
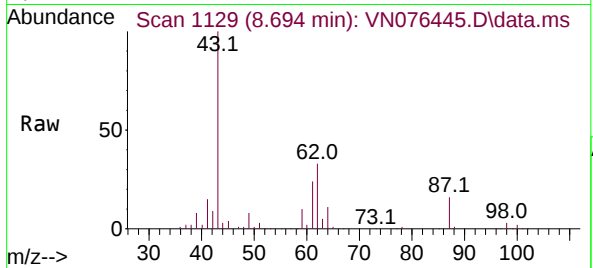
87 16.7 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#44

Trichloroethene

Concen: 47.774 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN076445.D

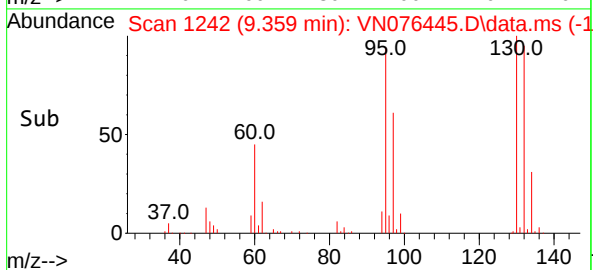
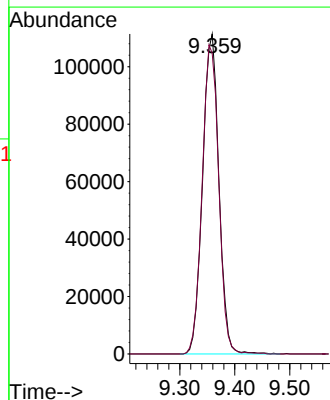
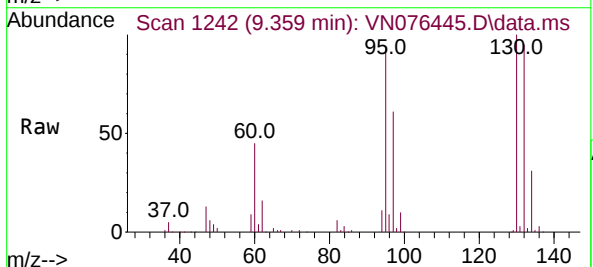
Acq: 27 Jan 2023 17:57

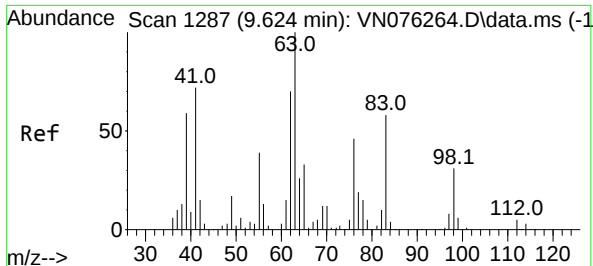
Tgt Ion:130 Resp: 229632

Ion Ratio Lower Upper

130 100

95 94.0 0.0 192.0





#45

1,2-Dichloropropane

Concen: 51.920 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 211259

Ion Ratio Lower Upper

63 100

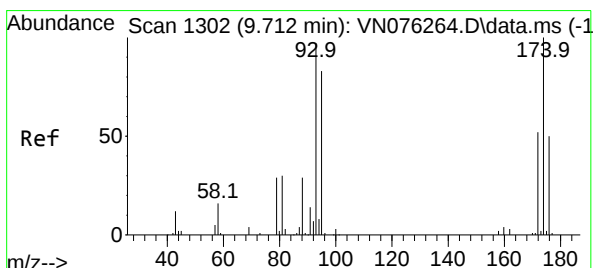
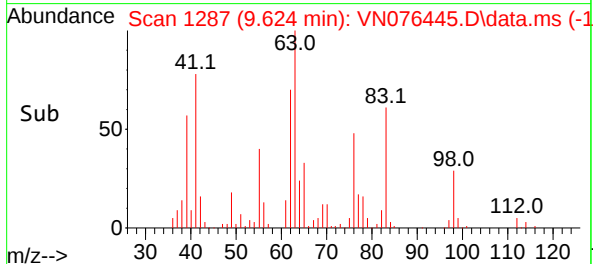
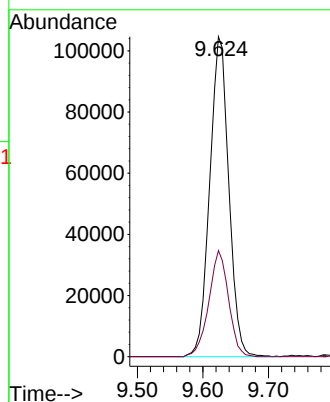
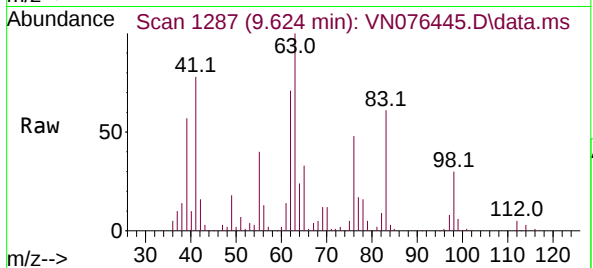
65 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#46

Dibromomethane

Concen: 50.710 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

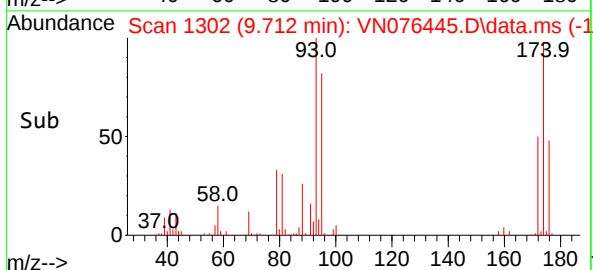
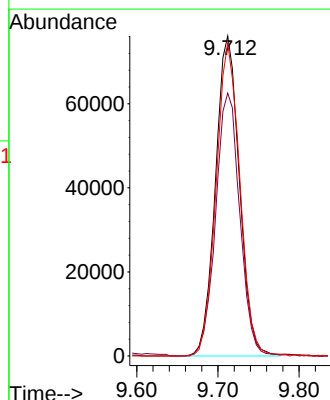
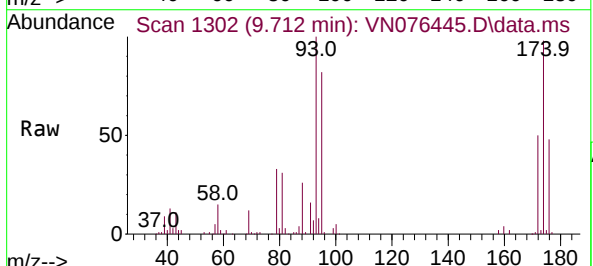
Tgt Ion: 93 Resp: 155783

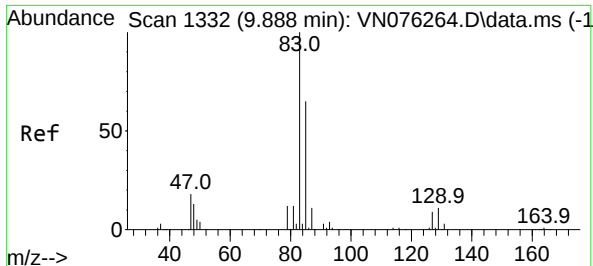
Ion Ratio Lower Upper

93 100

95 83.1 66.0 99.0

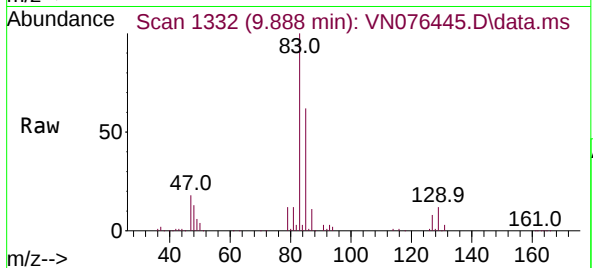
174 97.1 81.3 121.9





#47
Bromodichloromethane
Concen: 54.098 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

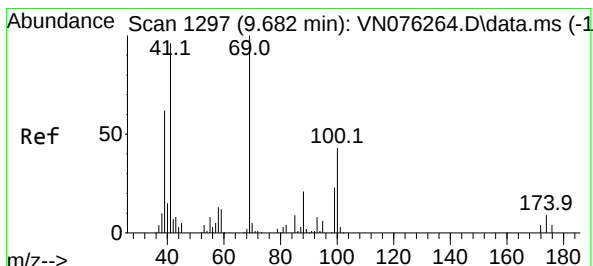
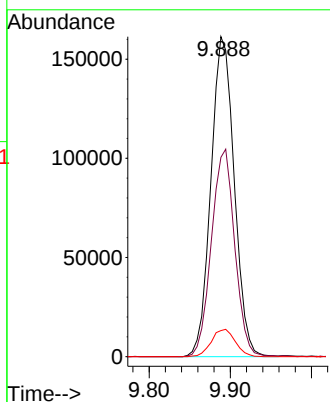
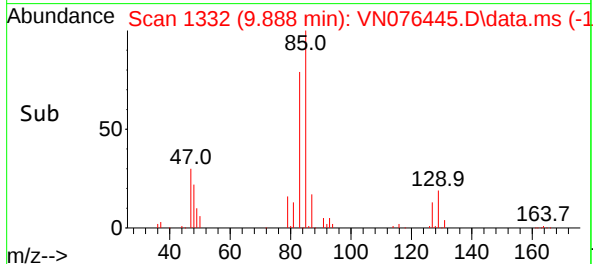
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



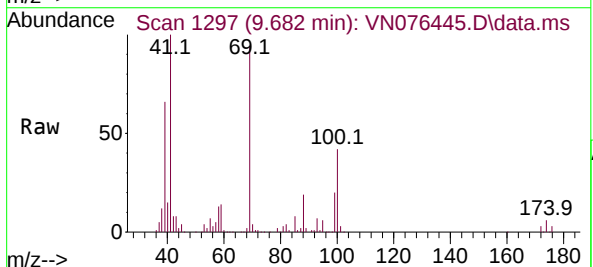
Tgt Ion: 83 Resp: 322332
Ion Ratio Lower Upper
83 100
85 62.3 52.1 78.1
127 8.2 7.4 11.0

Manual Integrations
APPROVED

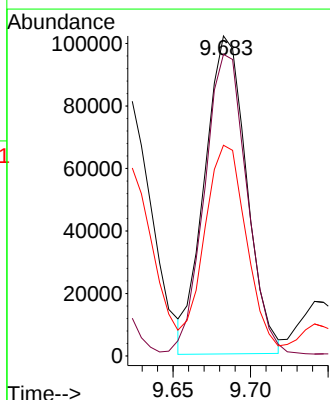
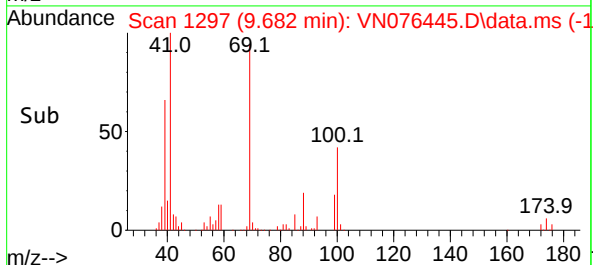
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

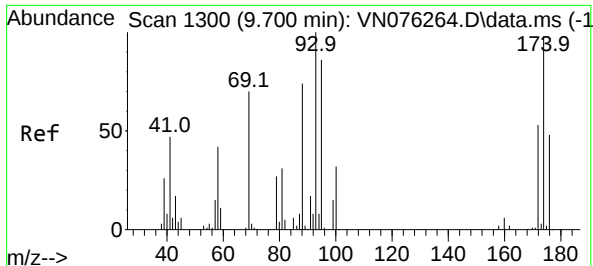


#48
Methyl methacrylate
Concen: 54.396 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion: 41 Resp: 190980
Ion Ratio Lower Upper
41 100
69 96.3 80.8 121.2
39 67.7 54.4 81.6





#49

1,4-Dioxane

Concen: 1040.260 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 77065

Ion Ratio Lower Upper

88 100

43 25.5 18.1 27.1

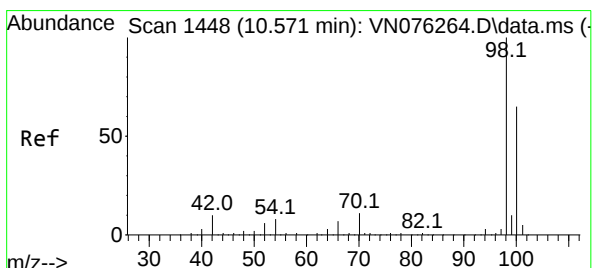
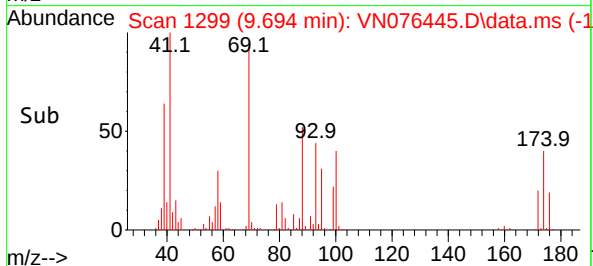
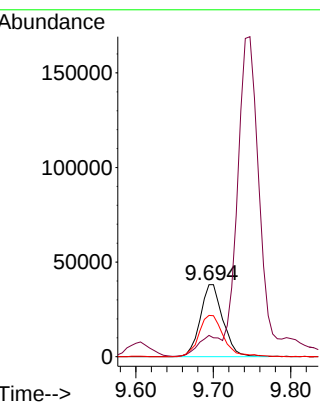
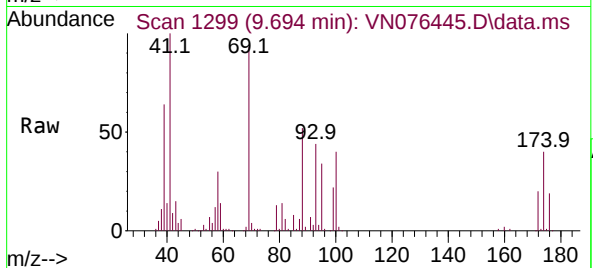
58 62.9 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#50

Toluene-d8

Concen: 50.773 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076445.D

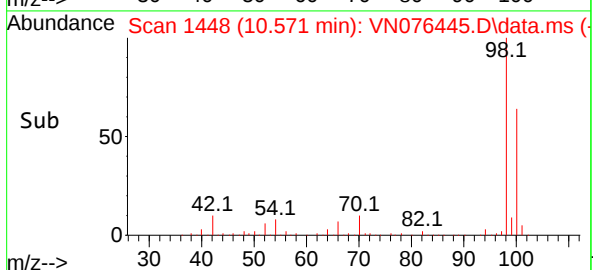
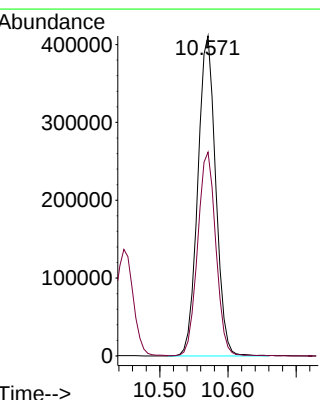
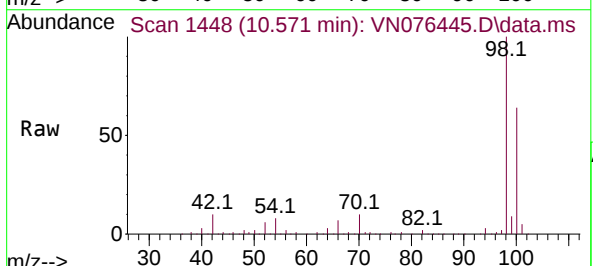
Acq: 27 Jan 2023 17:57

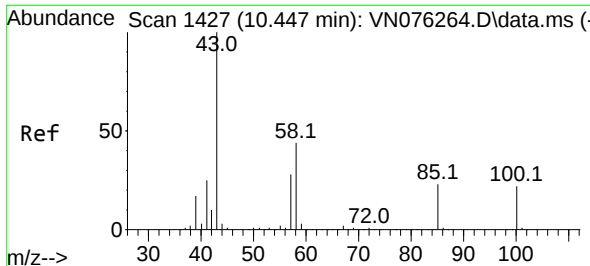
Tgt Ion: 98 Resp: 749995

Ion Ratio Lower Upper

98 100

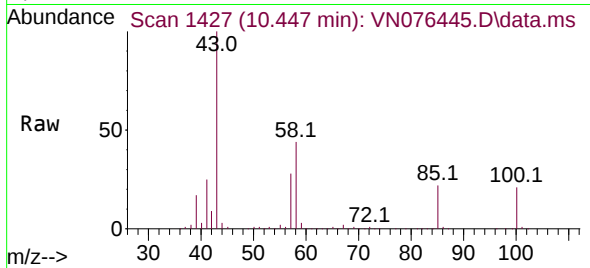
100 64.9 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 277.767 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

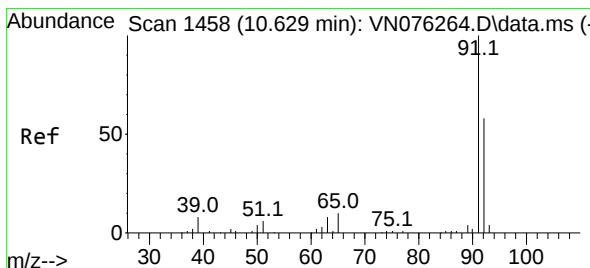
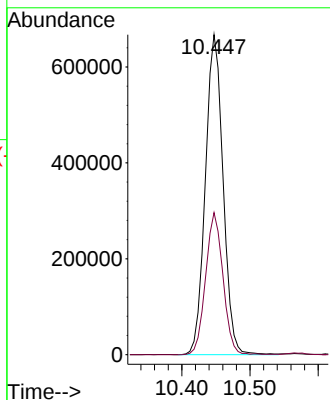
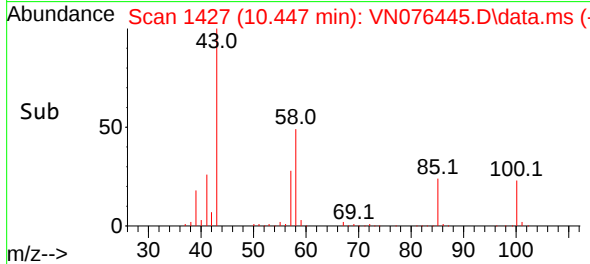
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



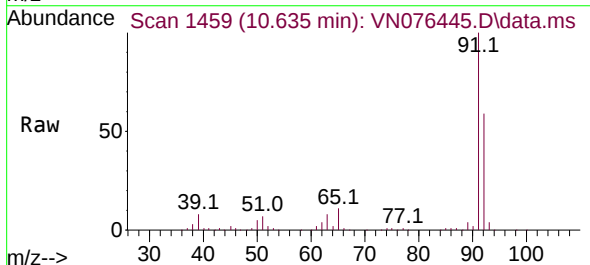
Tgt Ion: 43 Resp: 120927
Ion Ratio Lower Upper
43 100
58 43.4 35.1 52.7

Manual Integrations
APPROVED

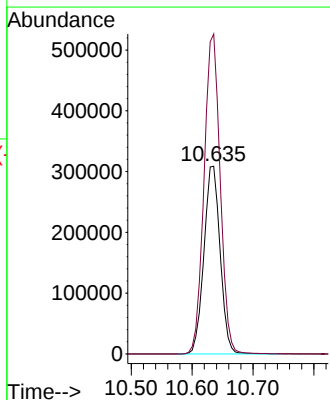
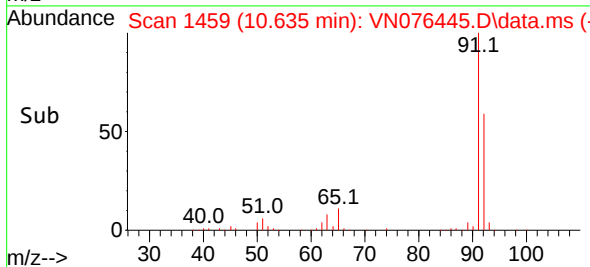
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

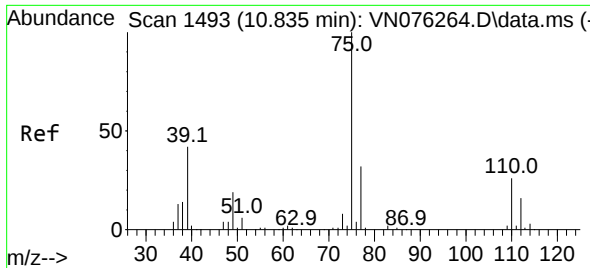


#52
Toluene
Concen: 50.147 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion: 92 Resp: 569919
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 56.808 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

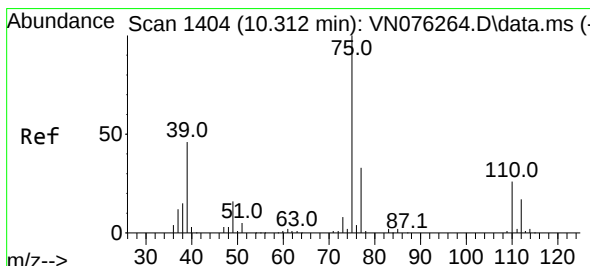
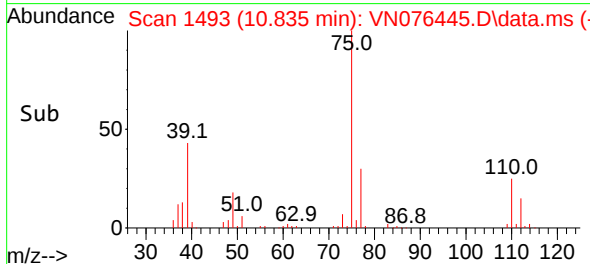
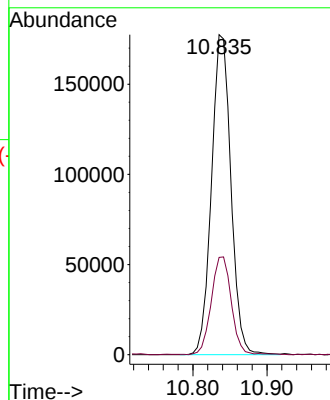
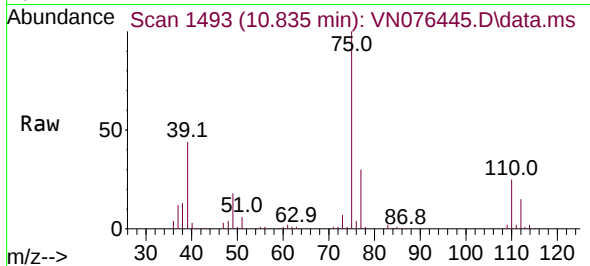
VSTDCCC050EC

Tgt Ion: 75 Resp: 322669
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6

Manual Integrations

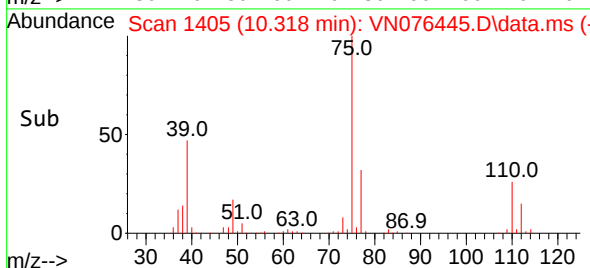
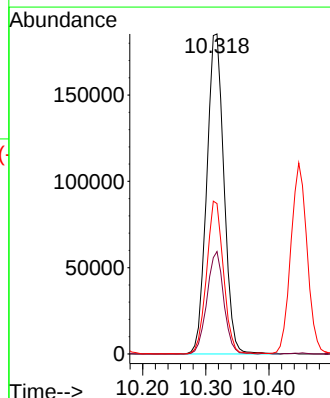
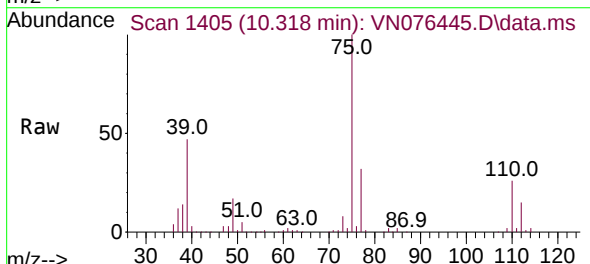
APPROVED

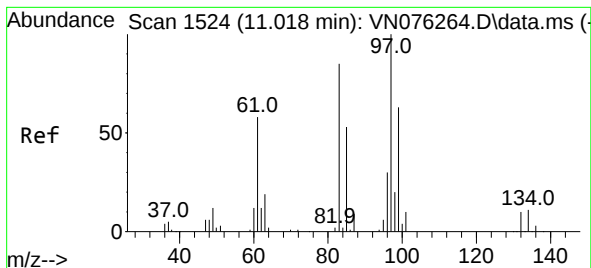
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#54
cis-1,3-Dichloropropene
Concen: 53.825 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

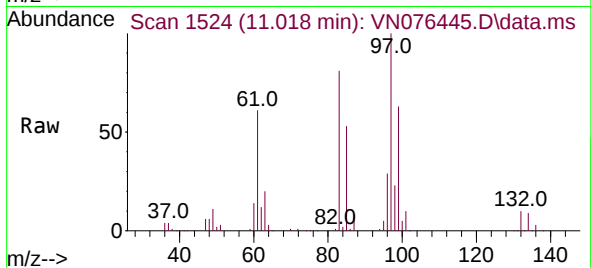
Tgt Ion: 75 Resp: 351724
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
39 46.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.605 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

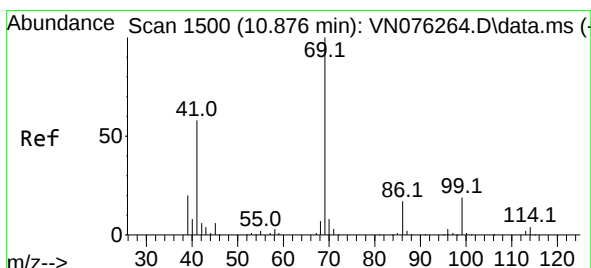
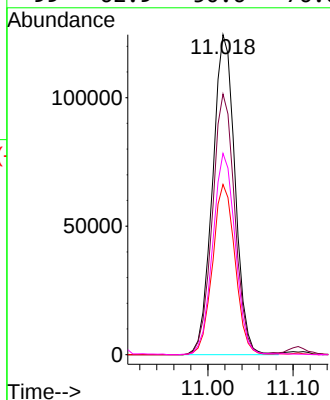
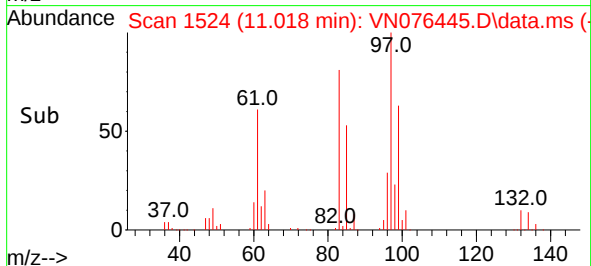
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



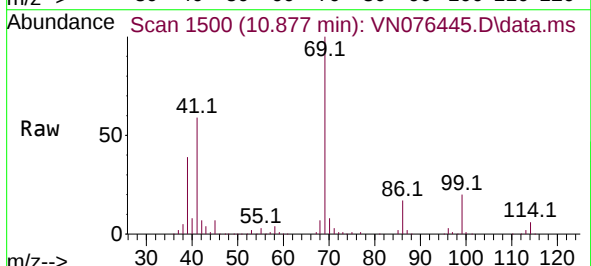
Tgt Ion: 97 Resp: 22852
Ion Ratio Lower Upper
97 100
83 81.4 67.8 101.6
85 53.2 42.3 63.5
99 62.9 50.6 76.0

Manual Integrations
APPROVED

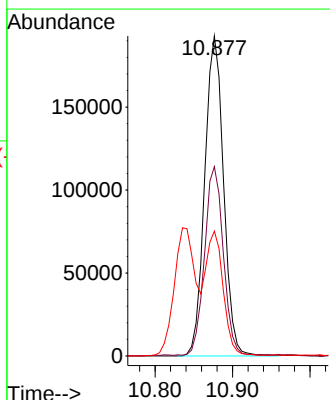
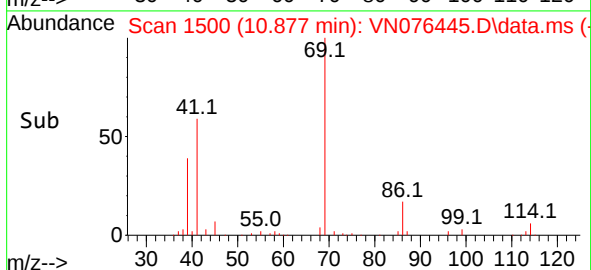
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

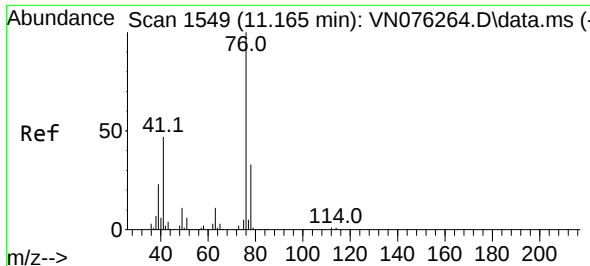


#56
Ethyl methacrylate
Concen: 58.117 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion: 69 Resp: 325938
Ion Ratio Lower Upper
69 100
41 58.5 45.3 67.9
39 35.6 29.3 43.9





#57

1,3-Dichloropropane

Concen: 52.627 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 37152

Ion Ratio Lower Upper

76 100

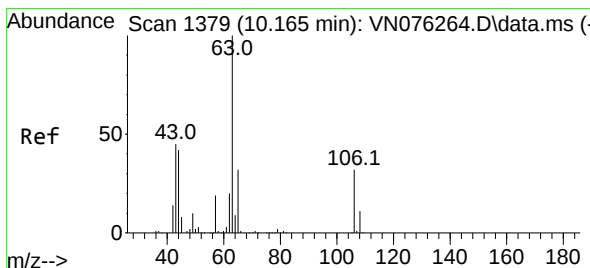
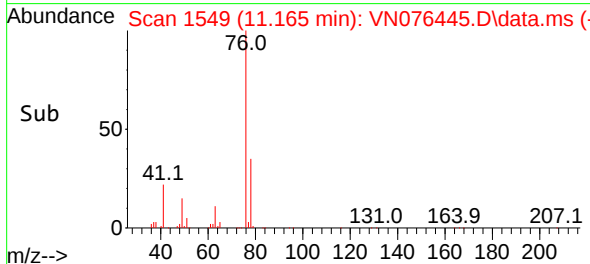
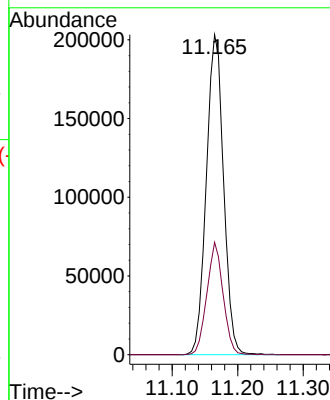
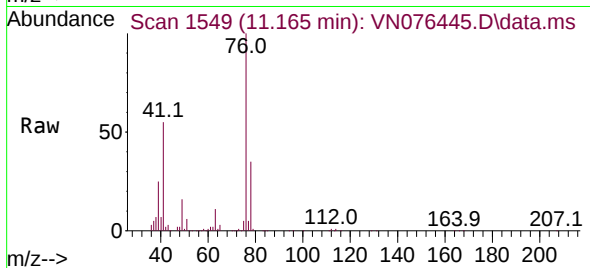
78 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 230.439 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076445.D

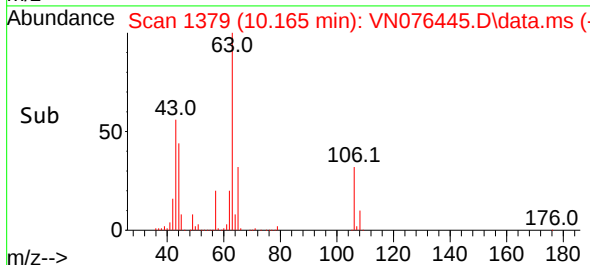
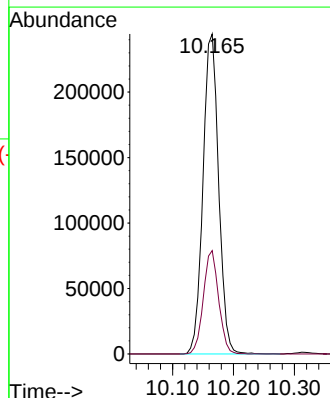
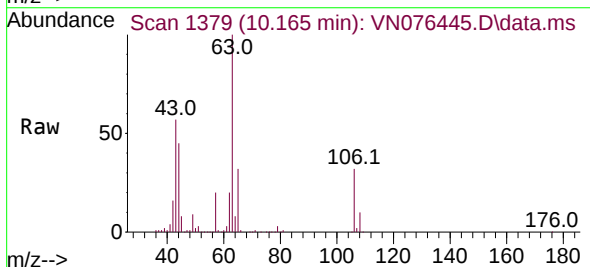
Acq: 27 Jan 2023 17:57

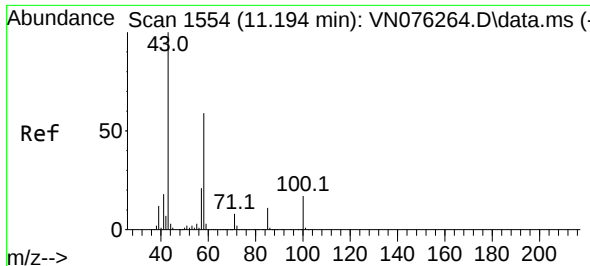
Tgt Ion: 63 Resp: 436295

Ion Ratio Lower Upper

63 100

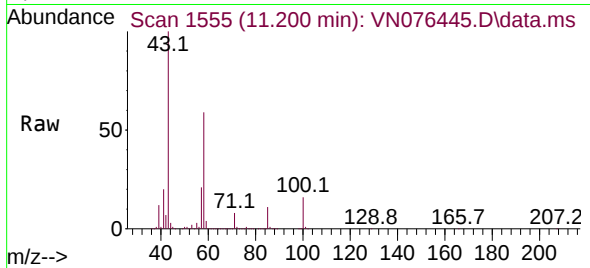
106 31.5 26.2 39.2





#59
2-Hexanone
Concen: 276.149 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

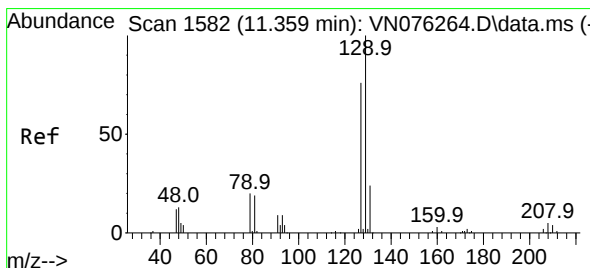
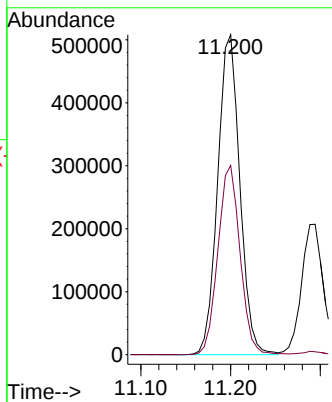
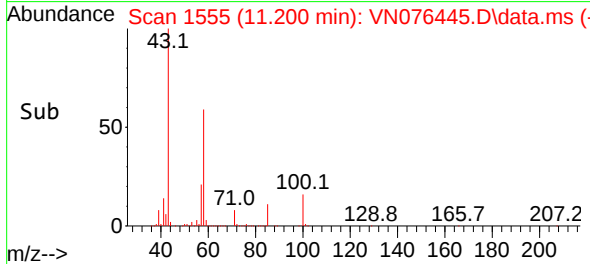
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 871200
Ion Ratio Lower Upper
43 100
58 59.2 30.1 90.3

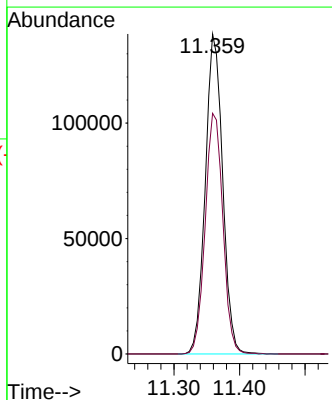
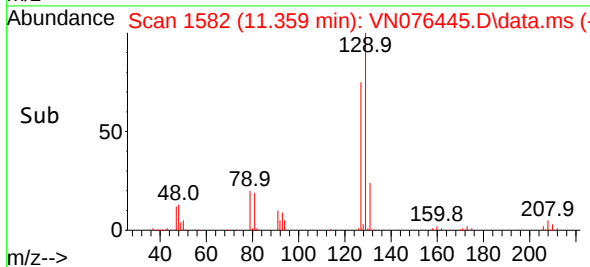
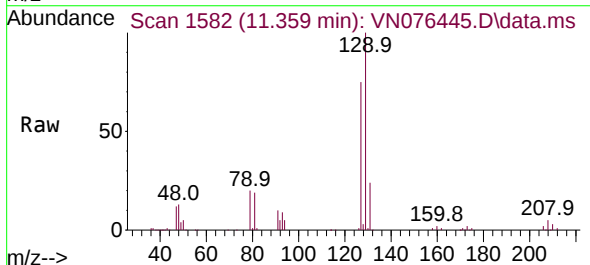
Manual Integrations
APPROVED

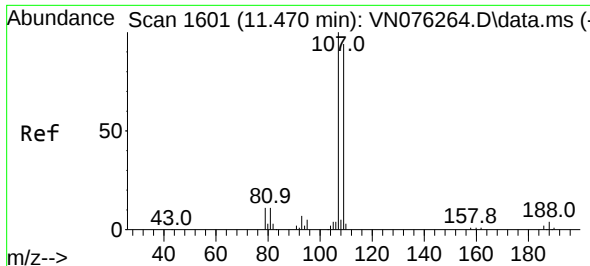
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#60
Dibromochloromethane
Concen: 55.826 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

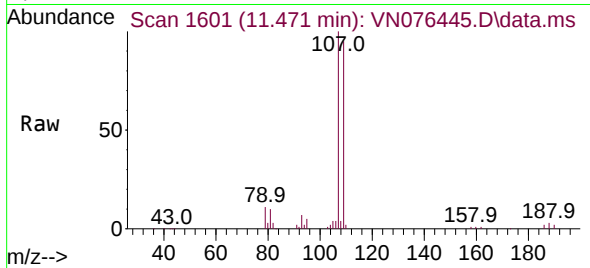
Tgt Ion:129 Resp: 255290
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.914 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

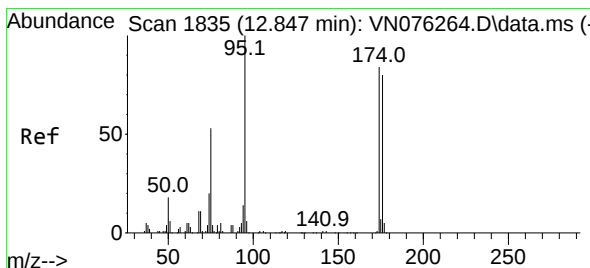
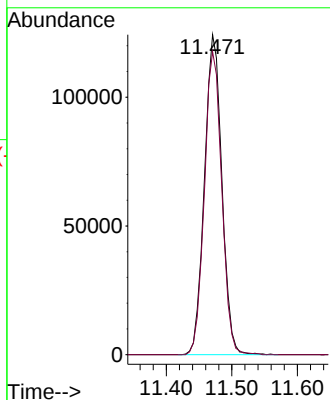
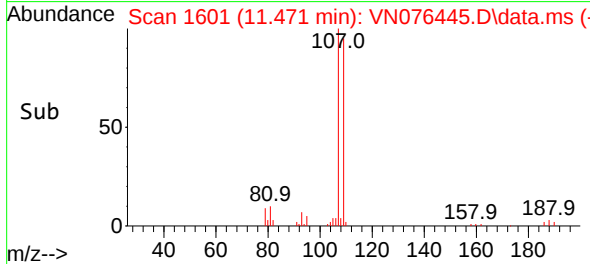
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



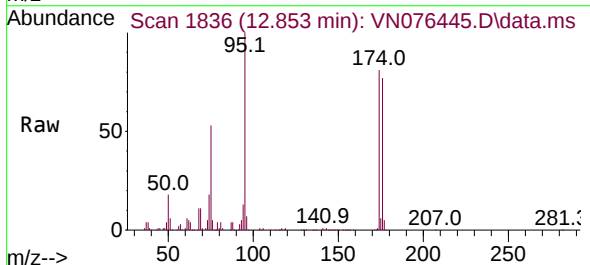
Tgt Ion:107 Resp: 229440
Ion Ratio Lower Upper
107 100
109 94.4 76.0 114.0

Manual Integrations
APPROVED

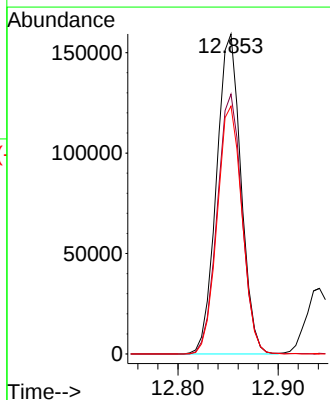
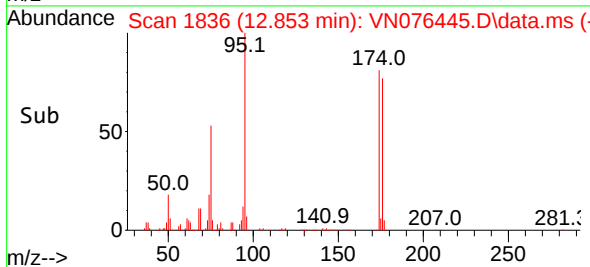
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

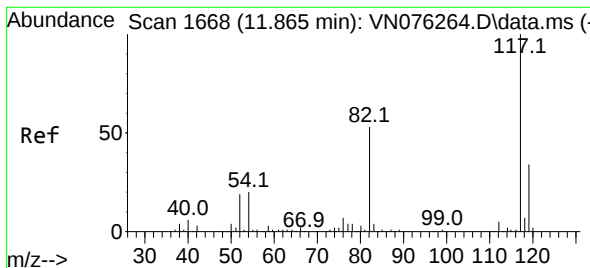


#62
4-Bromofluorobenzene
Concen: 55.915 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



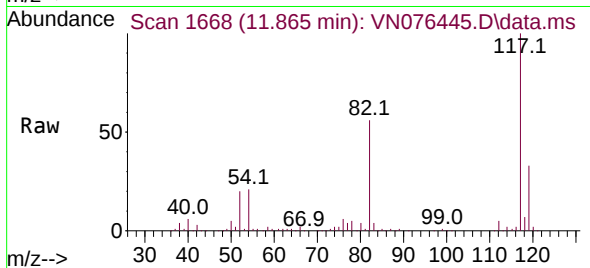
Tgt Ion: 95 Resp: 269636
Ion Ratio Lower Upper
95 100
174 82.0 0.0 174.6
176 78.7 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

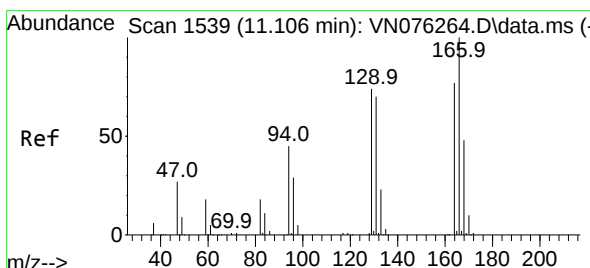
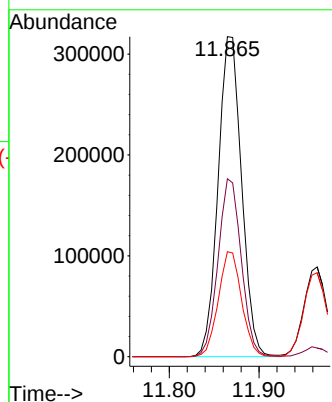
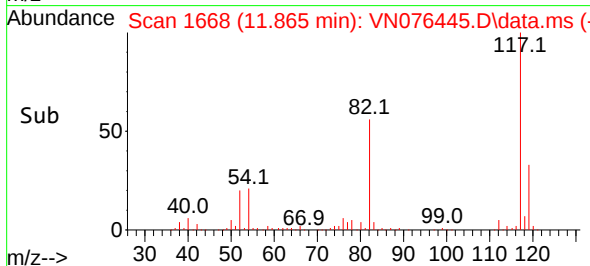
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 57778
Ion Ratio Lower Upper
117 100
82 55.6 42.2 63.2
119 32.8 26.9 40.3

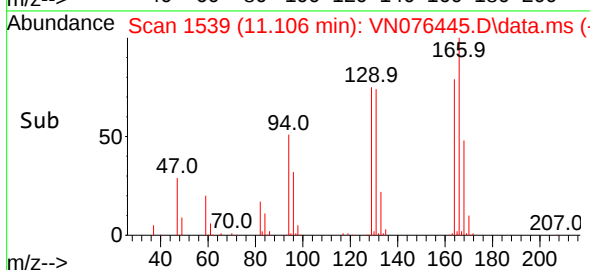
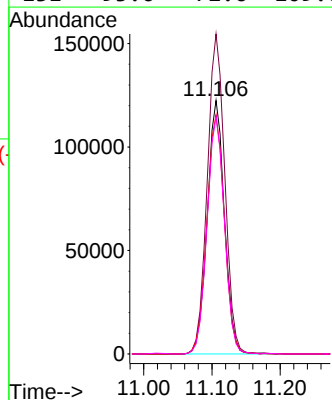
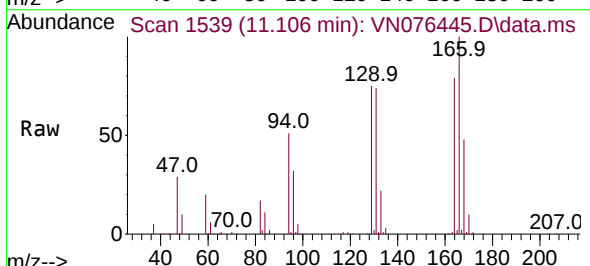
Manual Integrations
APPROVED

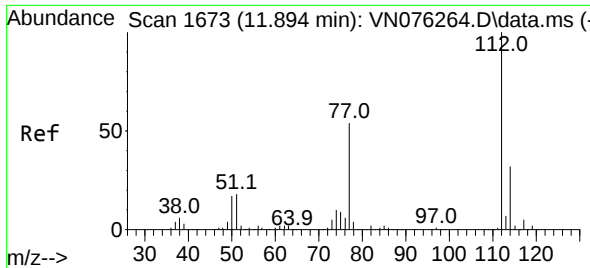
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#64
Tetrachloroethene
Concen: 41.397 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

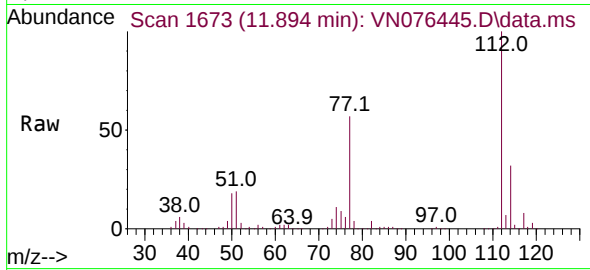
Tgt Ion:164 Resp: 215699
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 94.3 76.6 114.8
131 93.6 72.6 109.0





#65
Chlorobenzene
Concen: 49.332 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

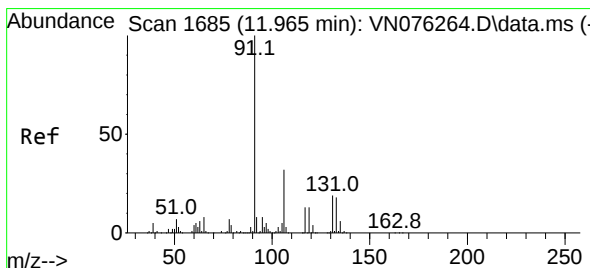
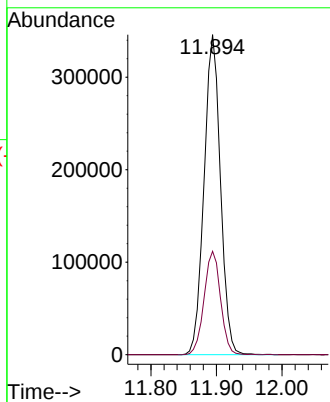
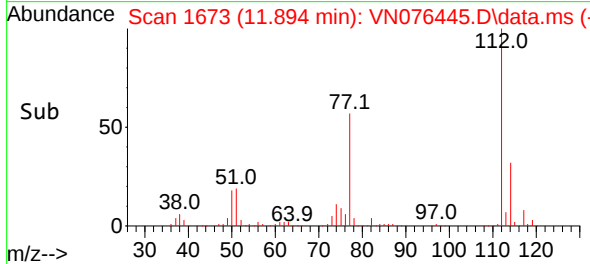
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



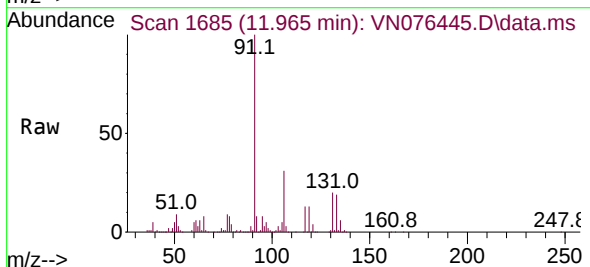
Tgt Ion:112 Resp: 602524
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

Manual Integrations
APPROVED

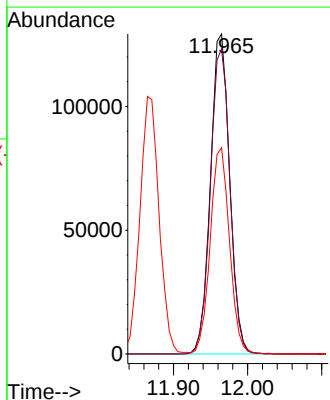
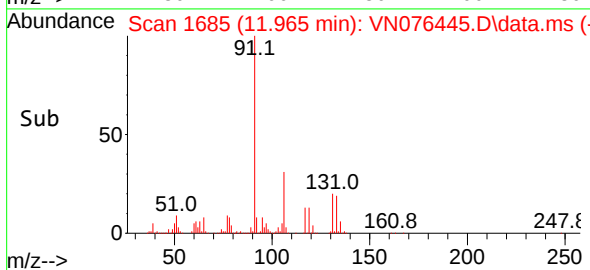
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

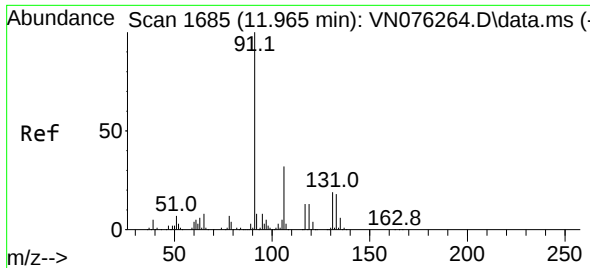


#66
1,1,1,2-Tetrachloroethane
Concen: 51.242 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



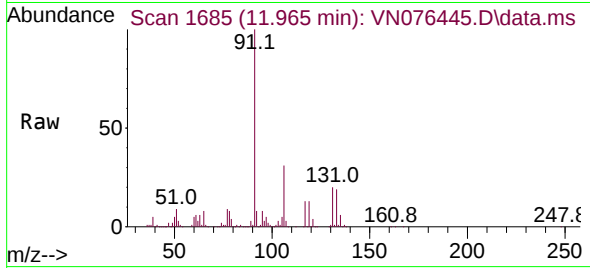
Tgt Ion:131 Resp: 232856
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.2
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 53.200 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

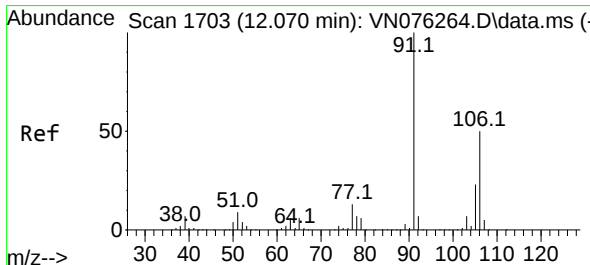
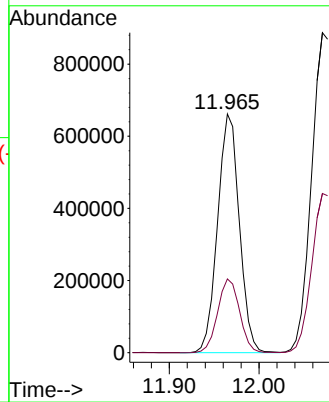
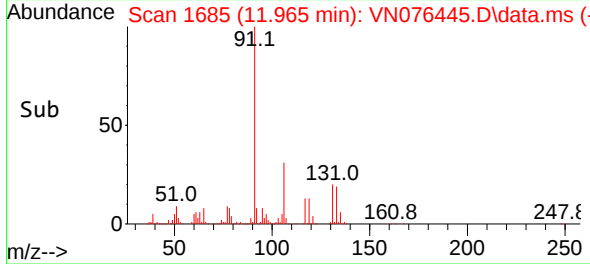
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



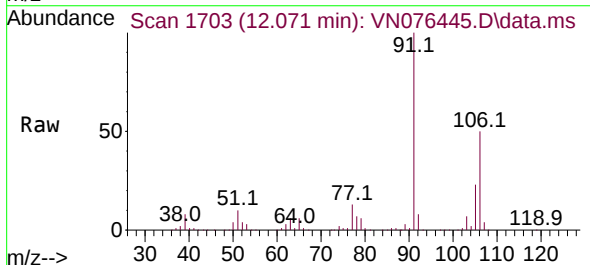
Tgt Ion: 91 Resp: 1112045
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

Manual Integrations
APPROVED

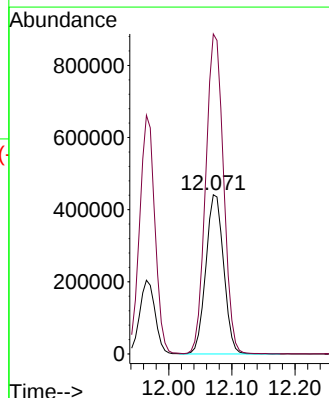
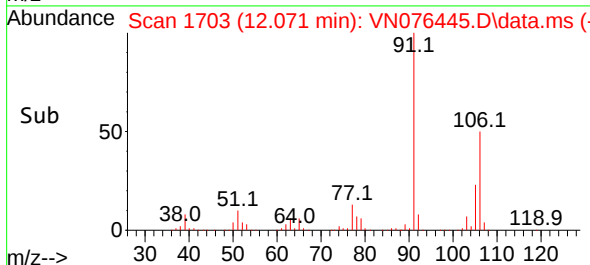
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

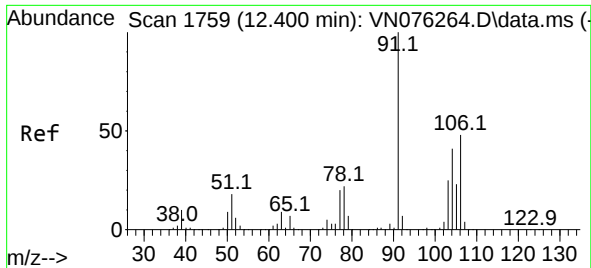


#68
m/p-Xylenes
Concen: 102.565 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion:106 Resp: 859695
Ion Ratio Lower Upper
106 100
91 201.8 157.5 236.3





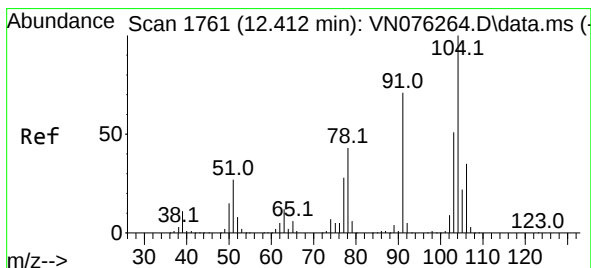
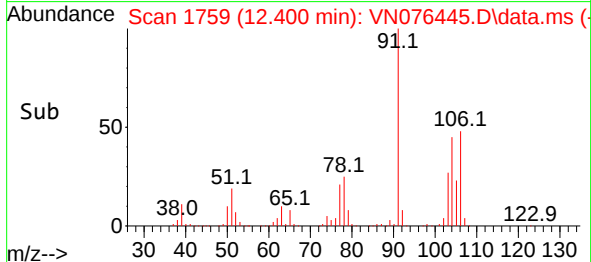
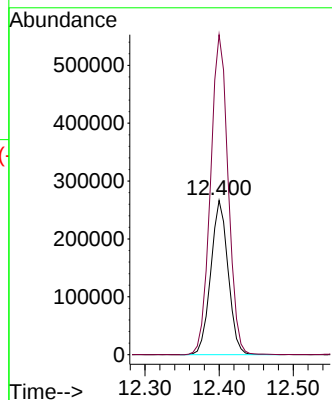
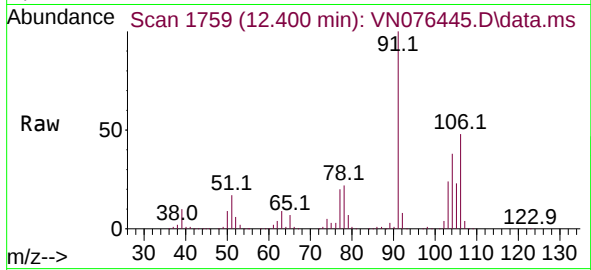
#69
o-Xylene
Concen: 52.496 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 432112
Ion Ratio Lower Upper
106 100
91 211.9 103.2 309.4

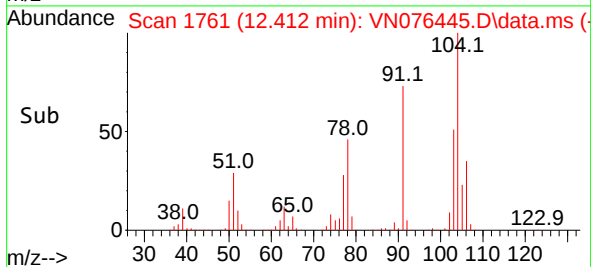
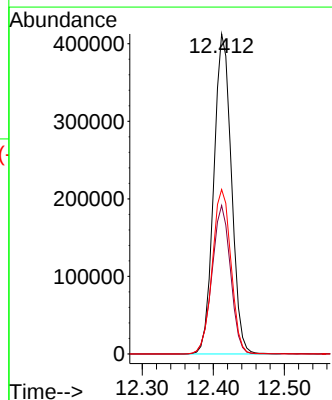
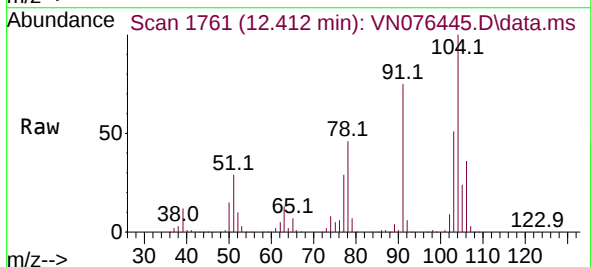
Manual Integrations
APPROVED

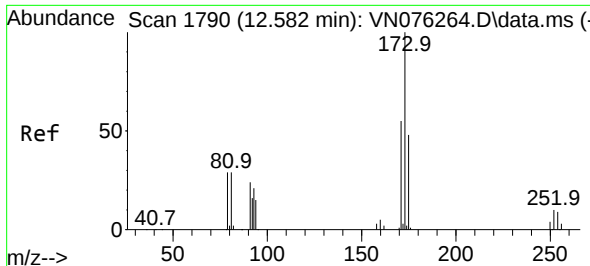
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#70
Styrene
Concen: 53.959 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

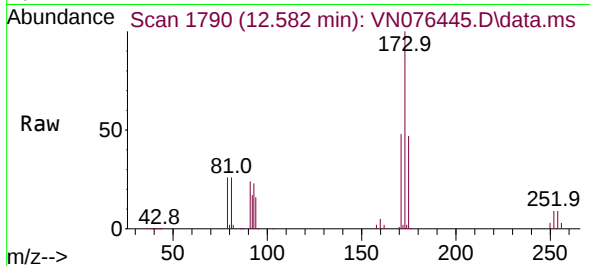
Tgt Ion:104 Resp: 709191
Ion Ratio Lower Upper
104 100
78 48.6 37.4 56.0
103 54.4 44.2 66.2





#71
Bromoform
Concen: 52.594 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

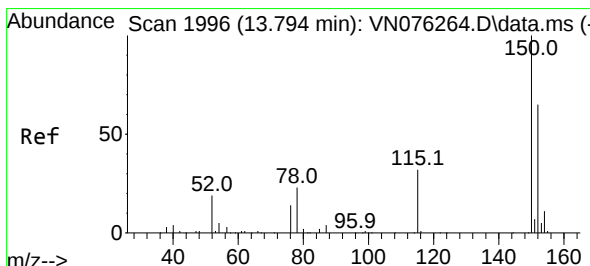
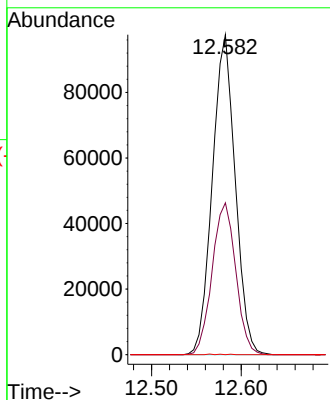
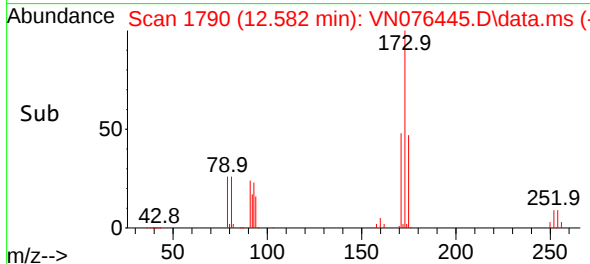
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



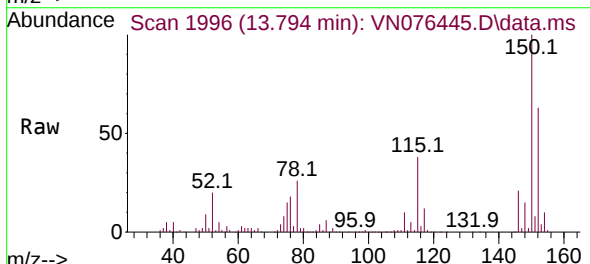
Tgt Ion:173 Resp: 172598
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

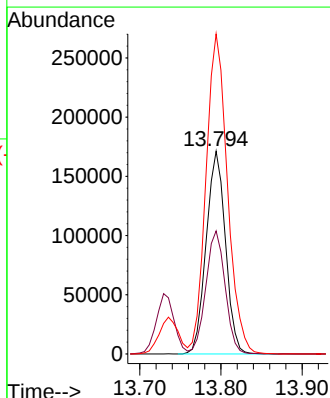
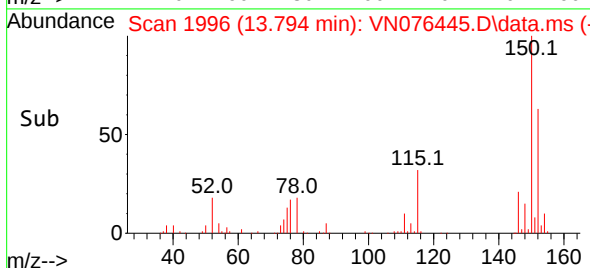
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

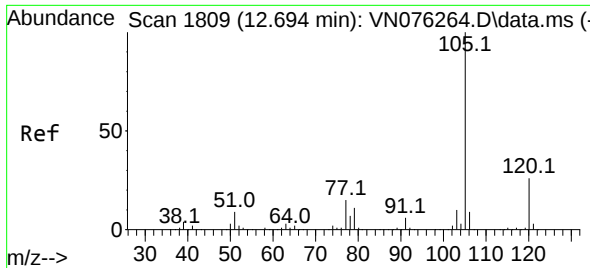


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion:152 Resp: 281703
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.9
150 176.2 0.0 351.4





#73
Isopropylbenzene
Concen: 52.405 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

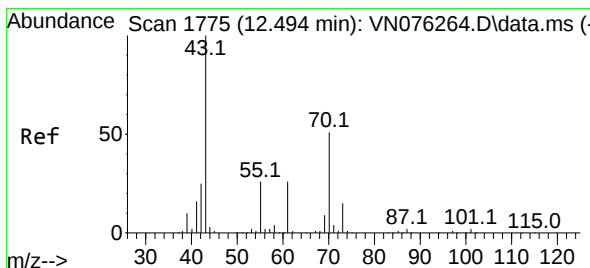
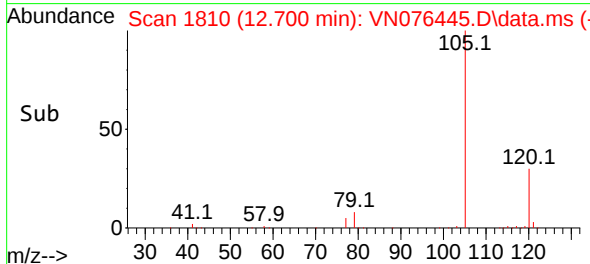
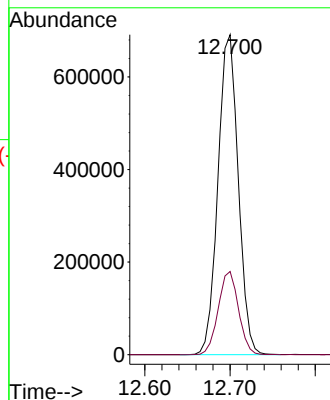
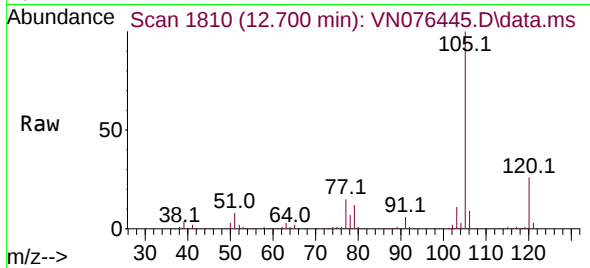
VSTDCCC050EC

Tgt Ion:105 Resp: 114203
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations

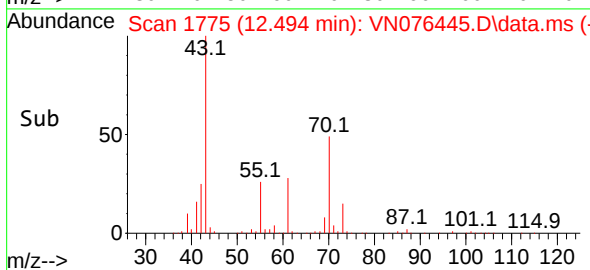
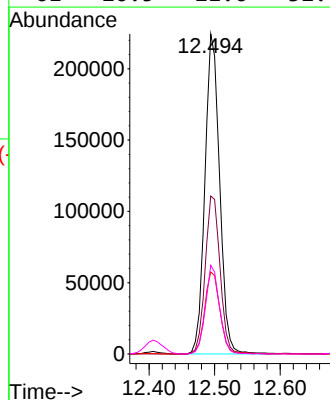
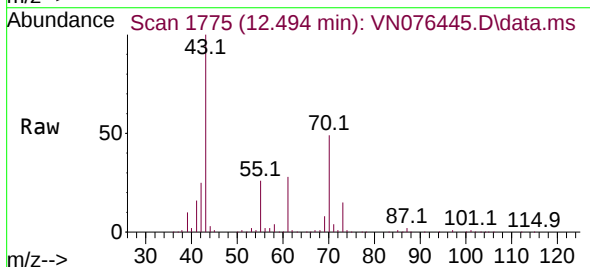
APPROVED

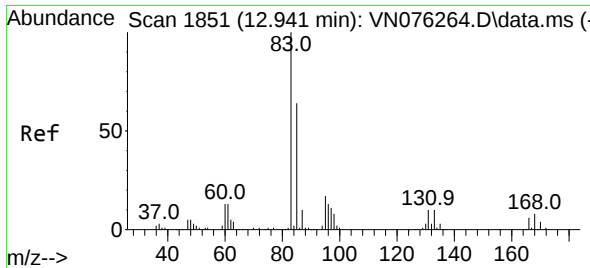
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#74
N-ethyl acetate
Concen: 55.966 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 43 Resp: 350831
Ion Ratio Lower Upper
43 100
70 50.0 41.2 61.8
55 26.7 21.0 31.6
61 26.5 21.6 32.4





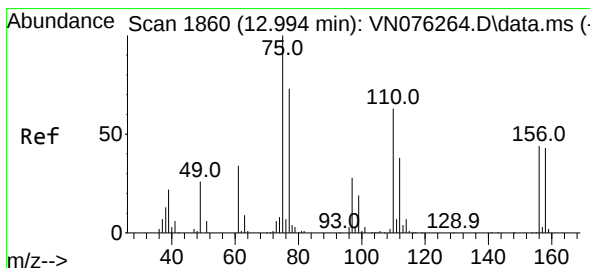
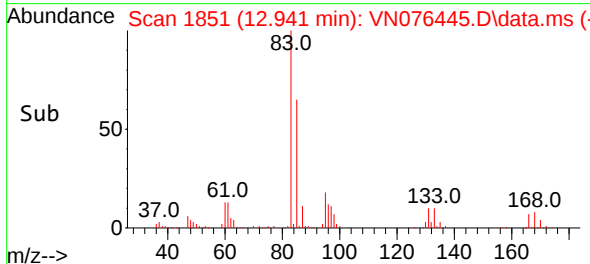
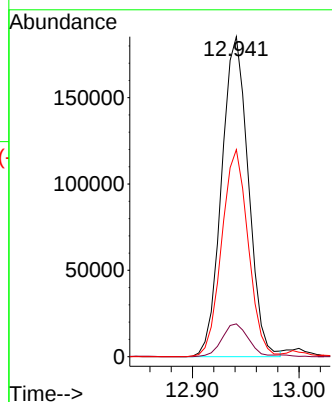
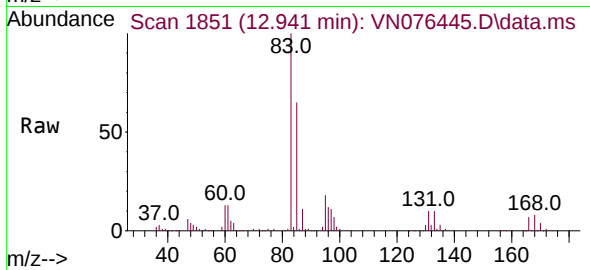
#75
1,1,2,2-Tetrachloroethane
Concen: 51.585 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 323160
Ion Ratio Lower Upper
83 100
131 10.5 5.5 16.4
85 64.1 31.7 95.1

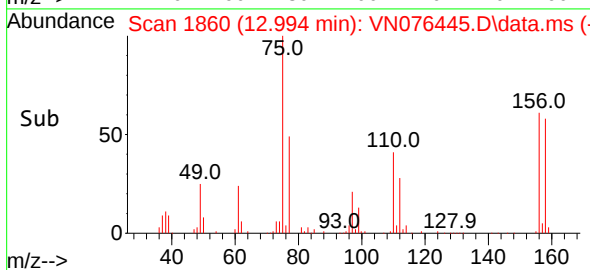
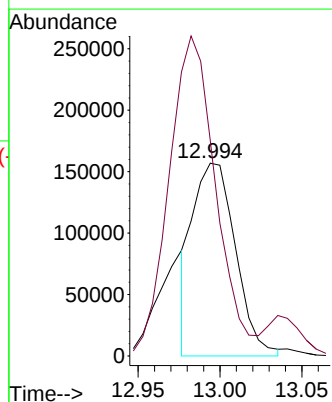
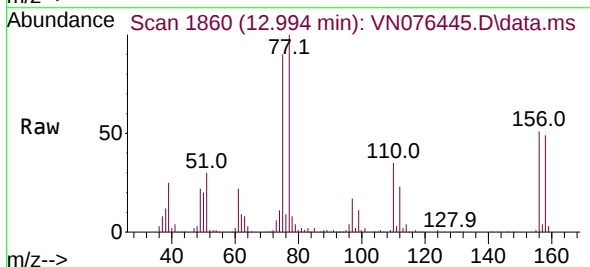
Manual Integrations
APPROVED

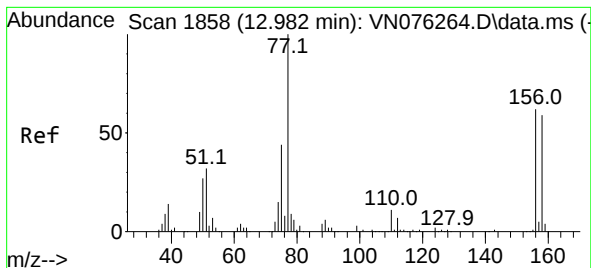
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#76
1,2,3-Trichloropropane
Concen: 55.597 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

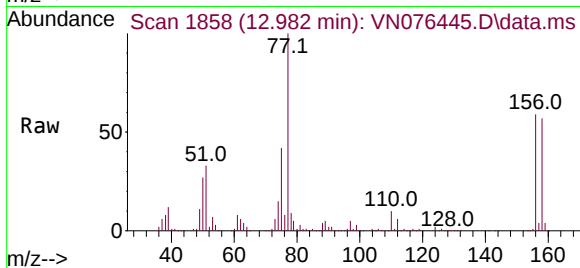
Tgt Ion: 75 Resp: 284776
Ion Ratio Lower Upper
75 100
77 182.1 75.2 225.6





#77
Bromobenzene
Concen: 51.992 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

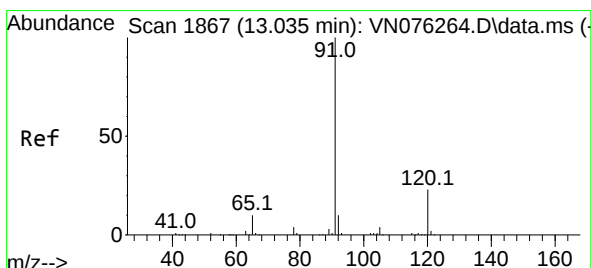
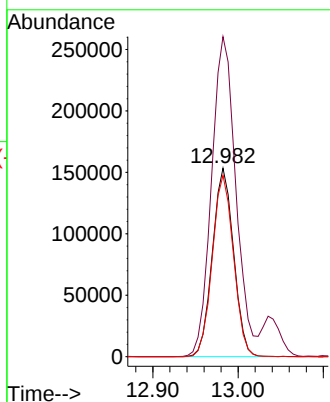
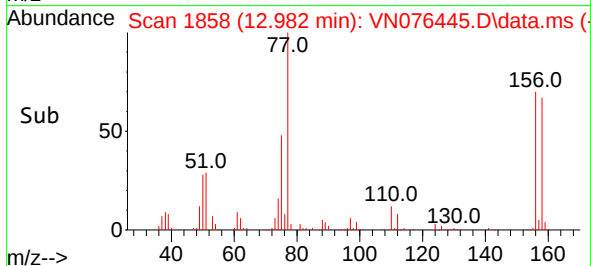
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 264785
Ion Ratio Lower Upper
156 100
77 195.8 93.4 280.2
158 96.1 48.4 145.2

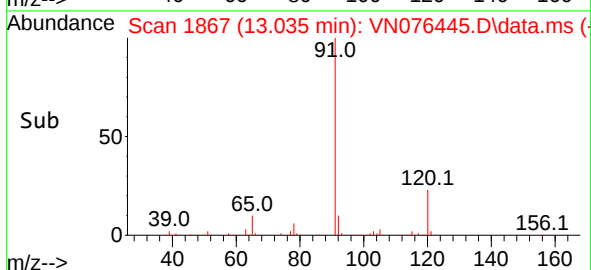
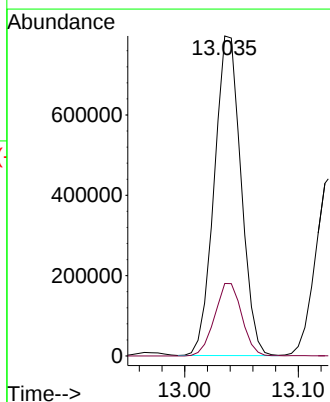
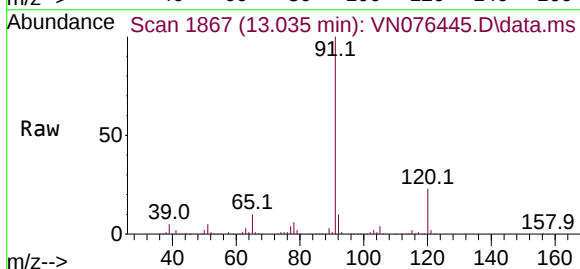
Manual Integrations
APPROVED

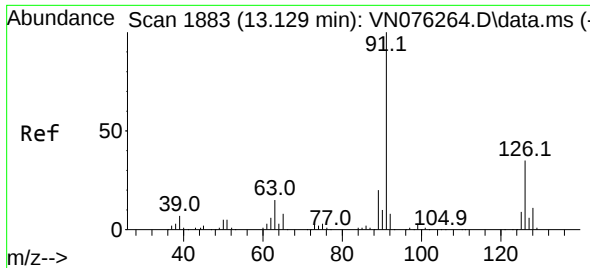
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#78
n-propylbenzene
Concen: 53.057 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion: 91 Resp: 1304652
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





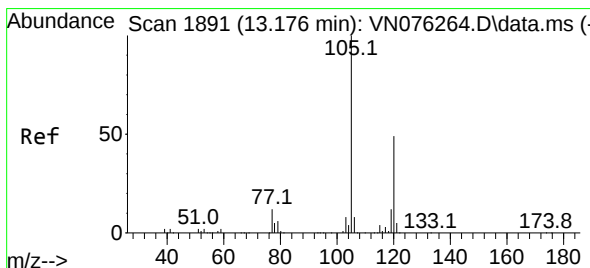
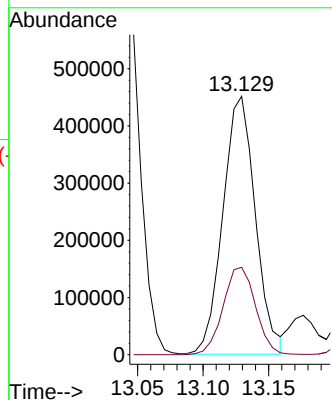
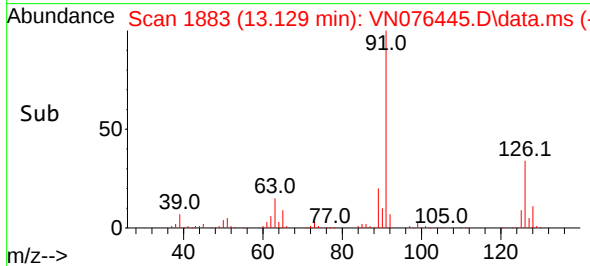
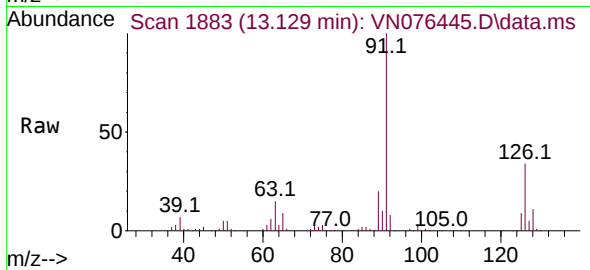
#79
2-Chlorotoluene
Concen: 51.491 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 776940
Ion Ratio Lower Upper
91 100
126 33.9 17.4 52.2

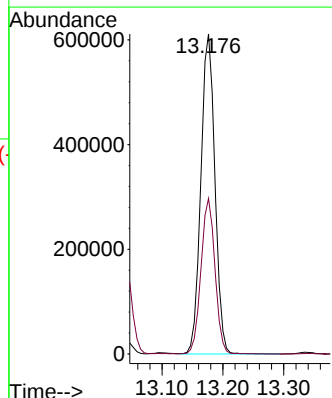
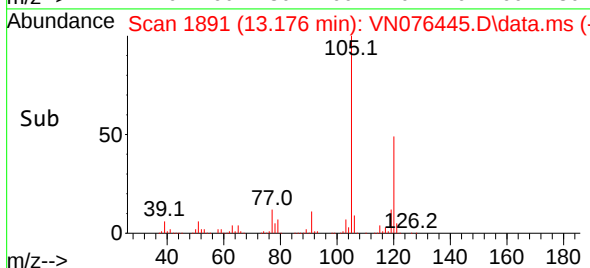
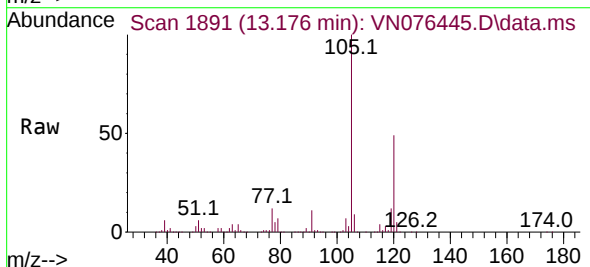
Manual Integrations
APPROVED

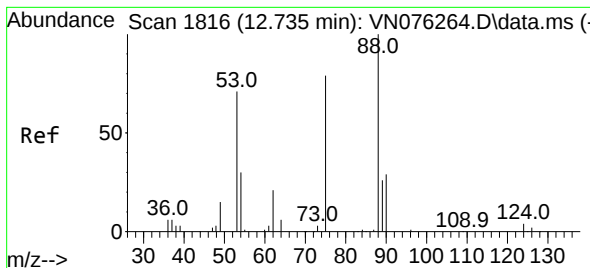
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.750 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

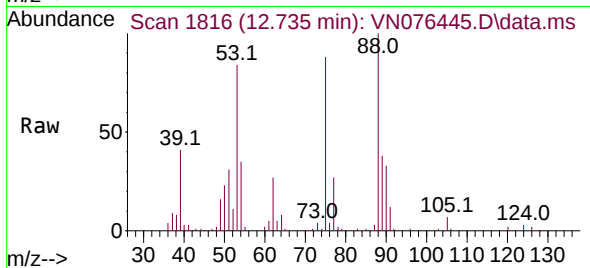
Tgt Ion:105 Resp: 981310
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.958 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

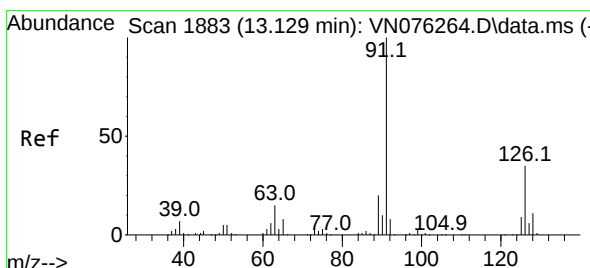
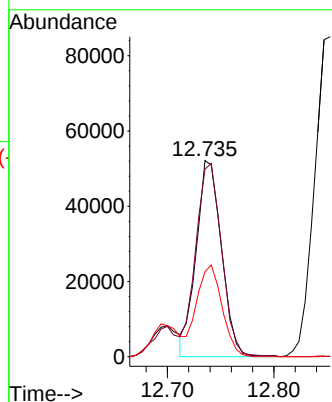
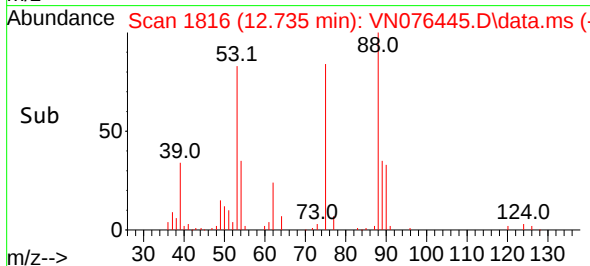
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



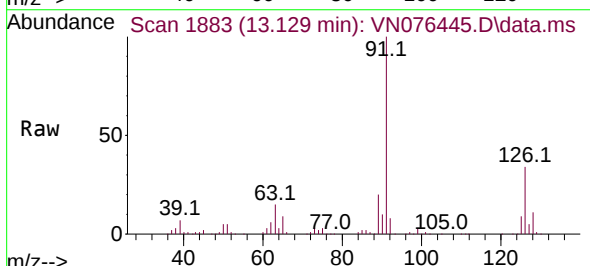
Tgt Ion: 75 Resp: 8627
Ion Ratio Lower Upper
75 100
53 101.1 75.8 113.8
89 46.1 37.0 55.6

Manual Integrations
APPROVED

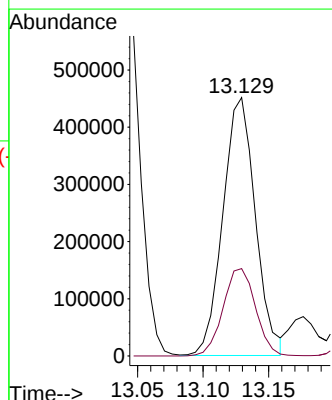
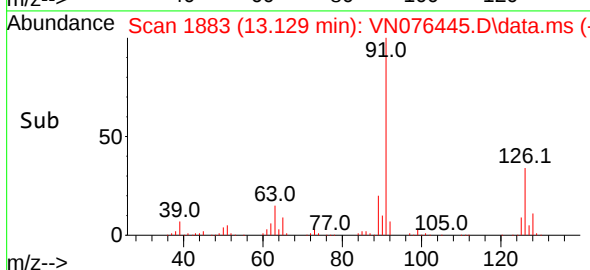
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

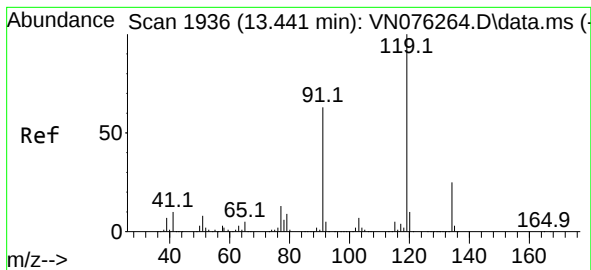


#82
4-Chlorotoluene
Concen: 51.491 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



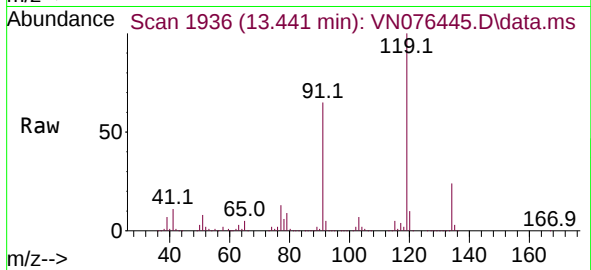
Tgt Ion: 91 Resp: 776946
Ion Ratio Lower Upper
91 100
126 33.9 17.4 52.2





#83
tert-Butylbenzene
Concen: 52.496 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

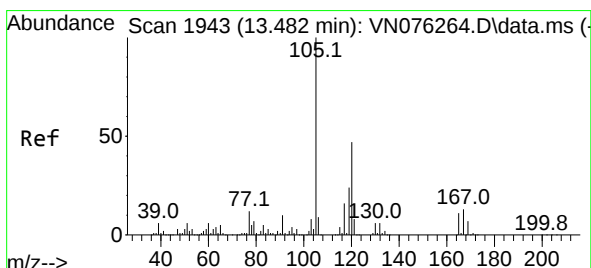
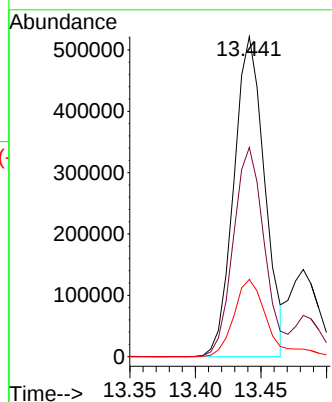
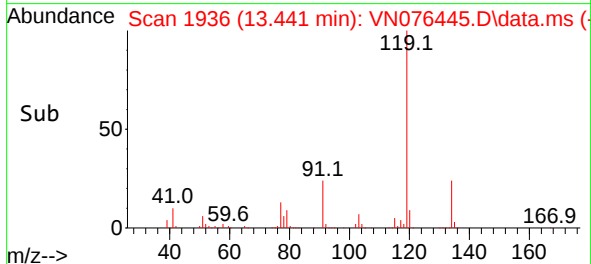
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



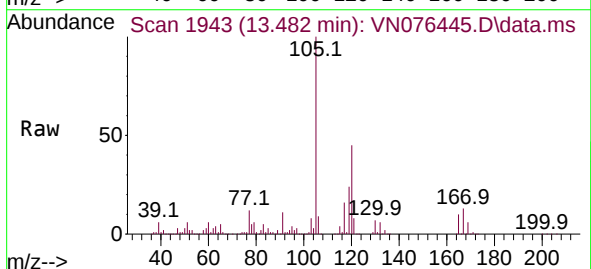
Tgt Ion:119 Resp: 85241
Ion Ratio Lower Upper
119 100
91 66.6 32.2 96.6
134 26.4 13.6 40.8

Manual Integrations
APPROVED

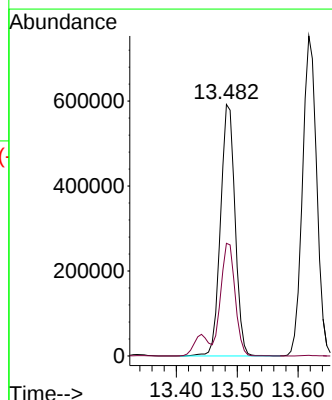
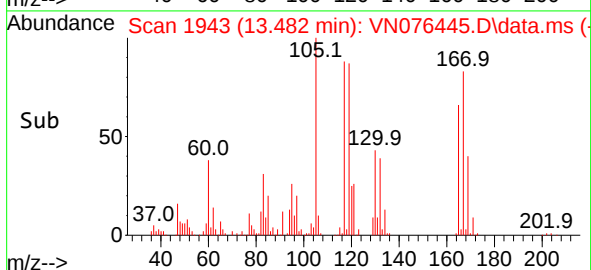
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

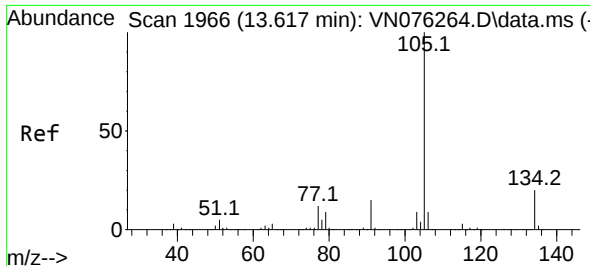


#84
1,2,4-Trimethylbenzene
Concen: 53.579 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion:105 Resp: 980869
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.5





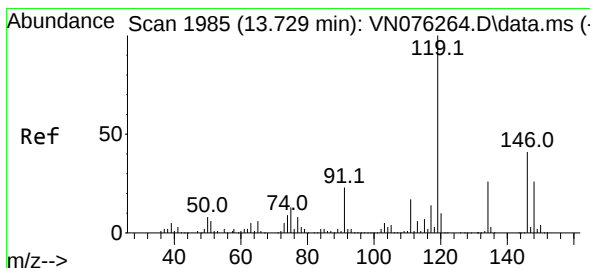
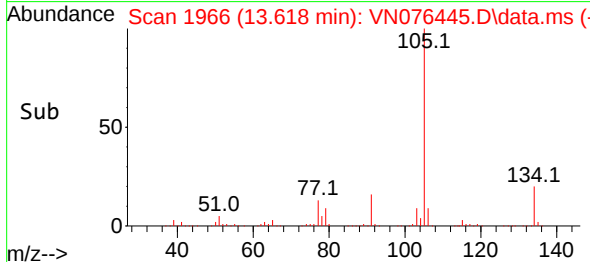
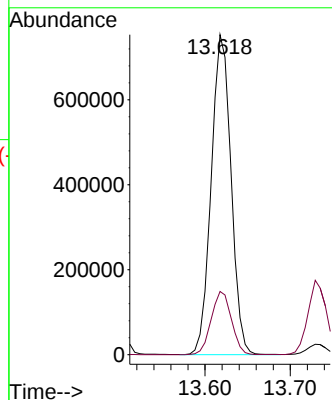
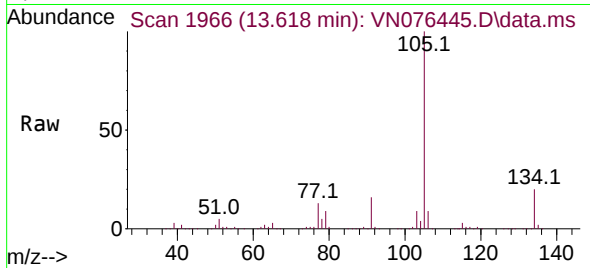
#85
 sec-Butylbenzene
 Concen: 54.007 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 121687
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

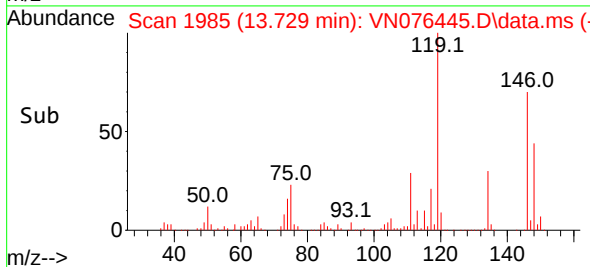
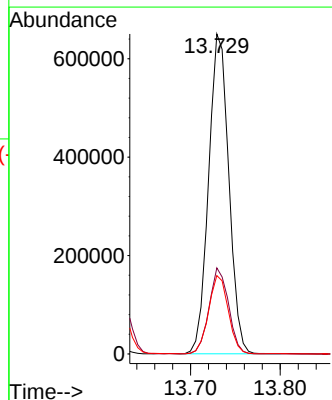
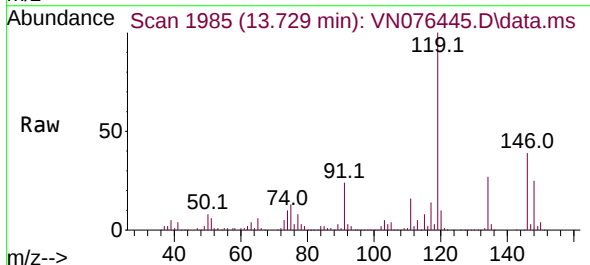
Manual Integrations
 APPROVED

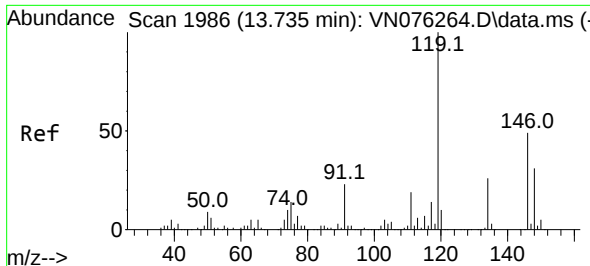
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#86
 p-Isopropyltoluene
 Concen: 54.820 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076445.D
 Acq: 27 Jan 2023 17:57

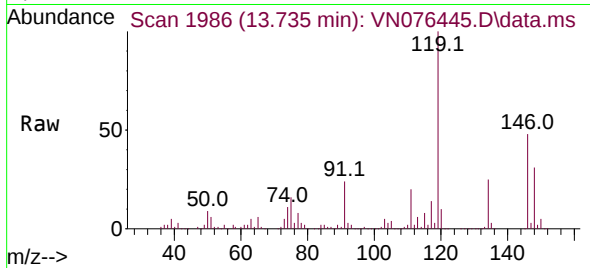
Tgt Ion:119 Resp: 1015704
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 23.8 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 48.433 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

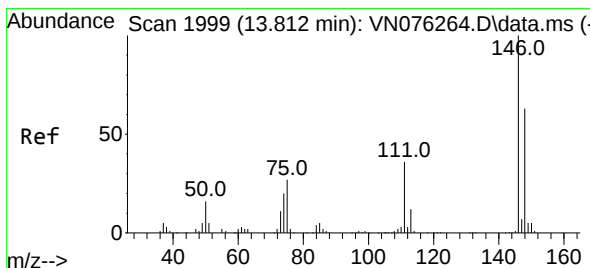
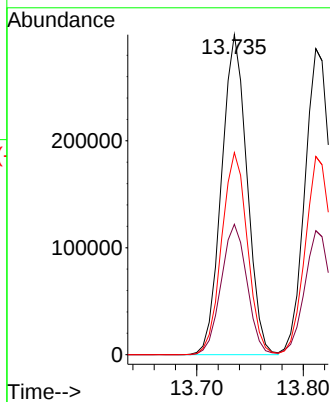
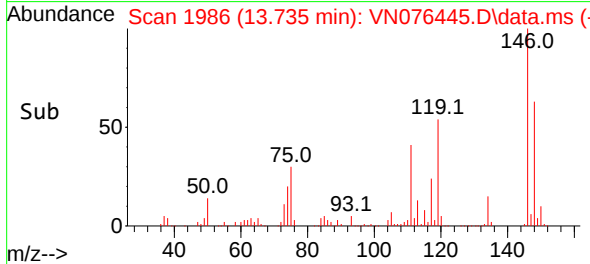
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



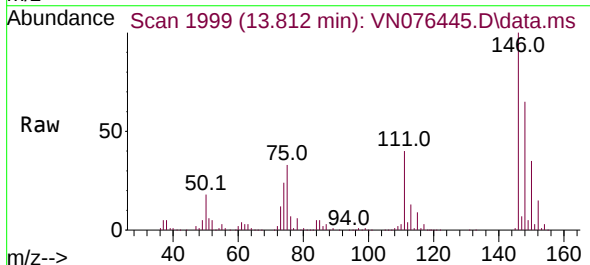
Tgt Ion:146 Resp: 497479
Ion Ratio Lower Upper
146 100
111 41.4 19.9 59.7
148 63.7 31.6 94.8

Manual Integrations
APPROVED

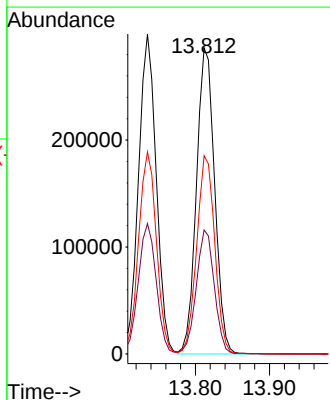
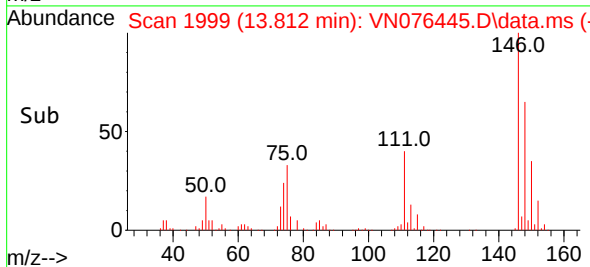
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

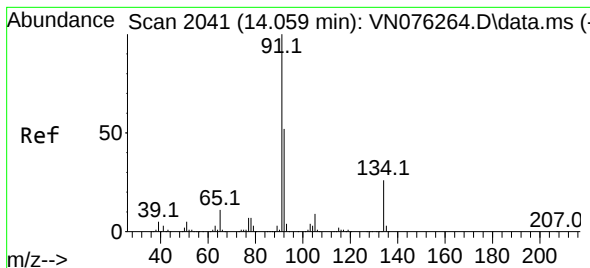


#88
1,4-Dichlorobenzene
Concen: 49.990 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



Tgt Ion:146 Resp: 488449
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.5
148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 56.048 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

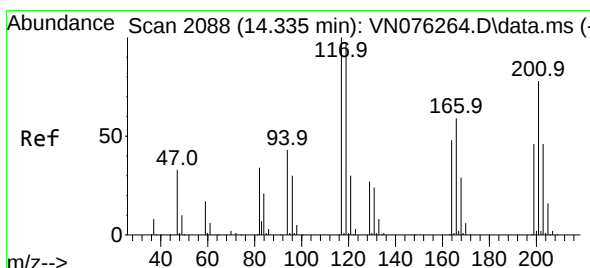
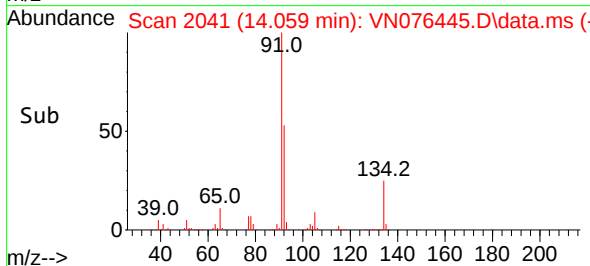
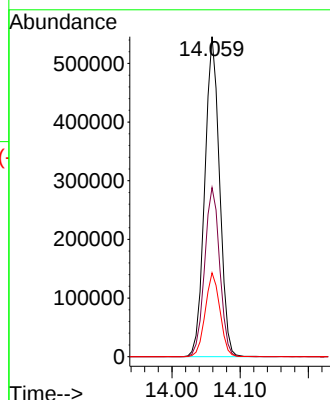
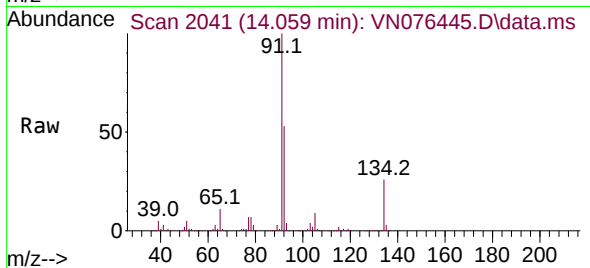
Tgt Ion: 91 Resp: 82435
 Ion Ratio Lower Upper
 91 100
 92 53.7 26.3 78.9
 134 26.0 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#90

Hexachloroethane

Concen: 53.156 ug/l

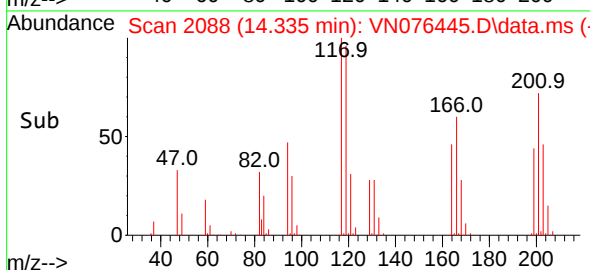
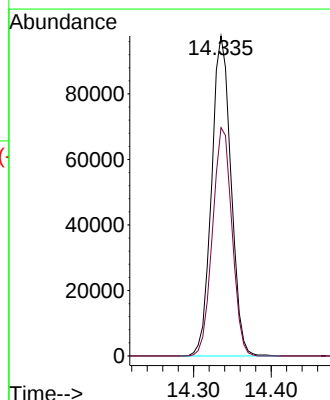
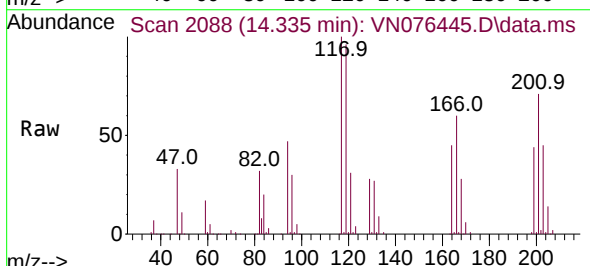
RT: 14.335 min Scan# 2088

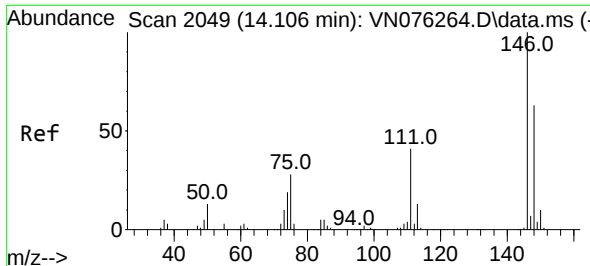
Delta R.T. 0.000 min

Lab File: VN076445.D

Acq: 27 Jan 2023 17:57

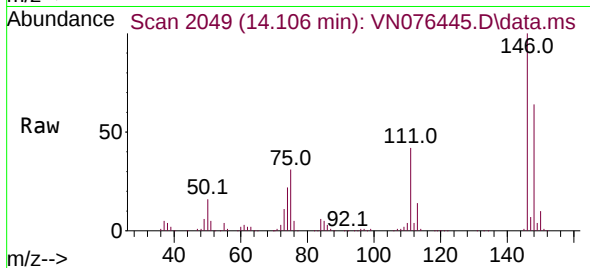
Tgt Ion:117 Resp: 169982
 Ion Ratio Lower Upper
 117 100
 201 71.4 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 47.702 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

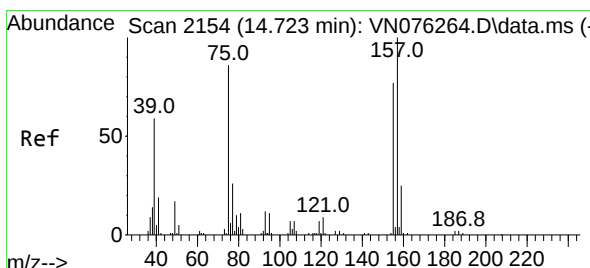
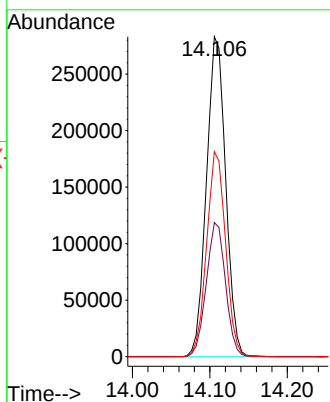
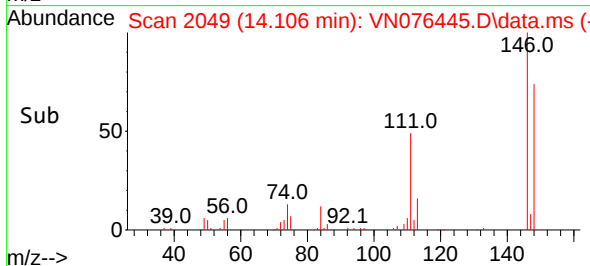
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



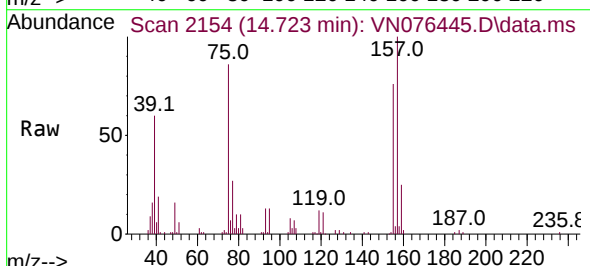
Tgt Ion:146 Resp: 48801
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 63.1 31.8 95.4

Manual Integrations
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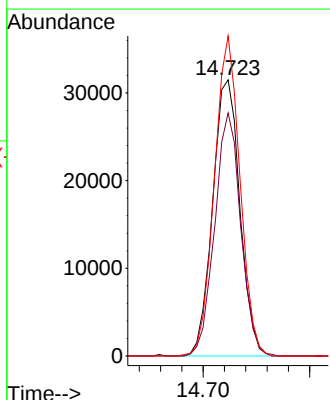
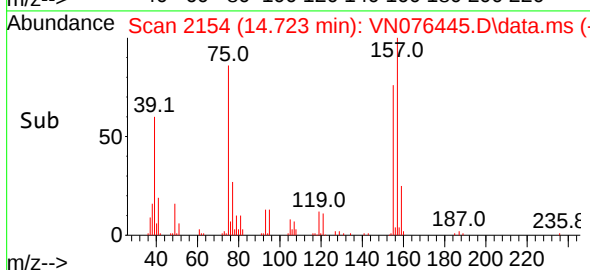
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

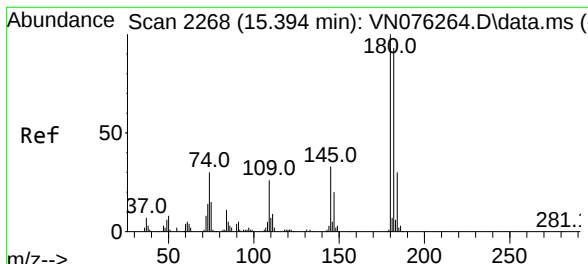


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.210 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



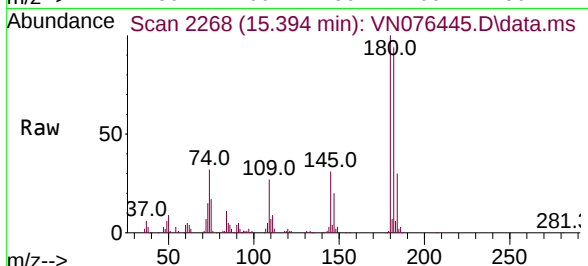
Tgt Ion: 75 Resp: 55767
Ion Ratio Lower Upper
75 100
155 84.0 45.0 135.0
157 109.0 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 45.969 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

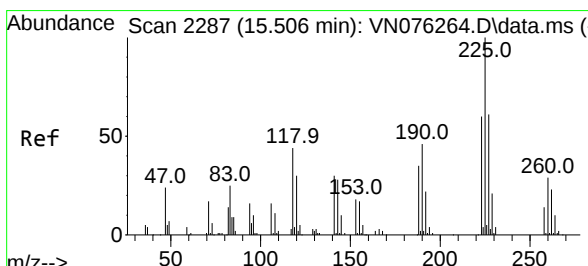
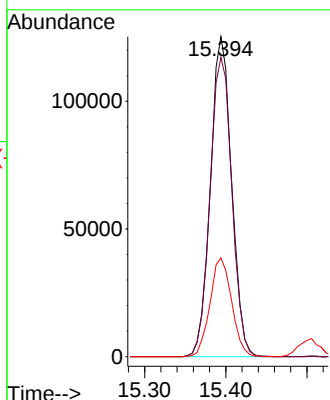
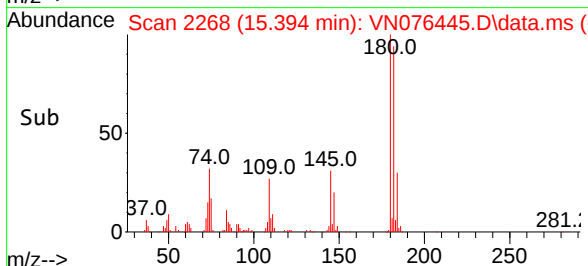
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



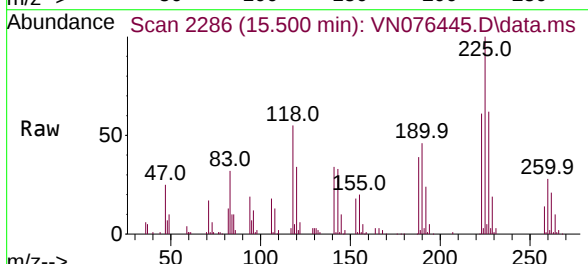
Tgt Ion:180 Resp: 226700
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.2
145 31.7 15.2 45.5

Manual Integrations
APPROVED

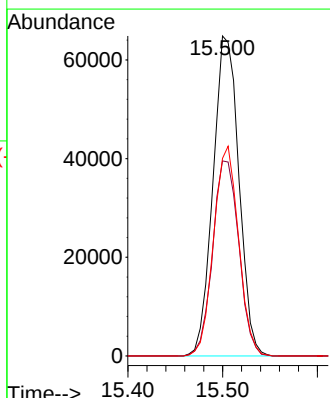
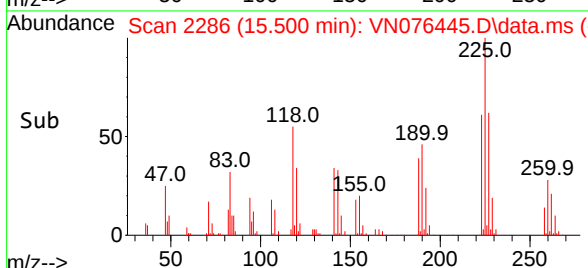
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

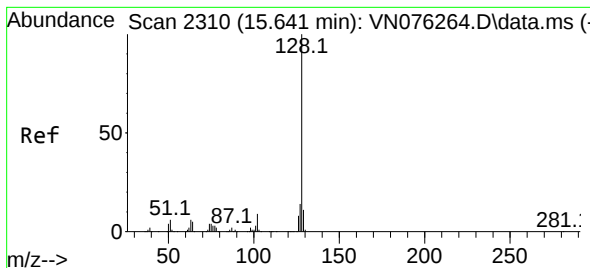


#94
Hexachlorobutadiene
Concen: 45.345 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57



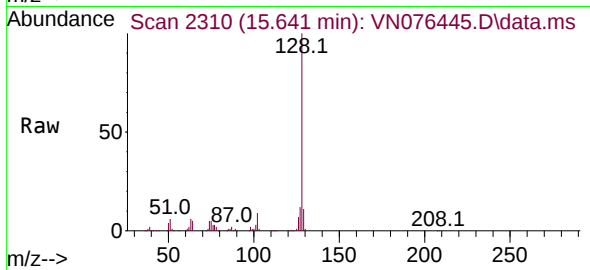
Tgt Ion:225 Resp: 123104
Ion Ratio Lower Upper
225 100
223 61.5 30.8 92.3
227 63.2 30.9 92.8





#95
Naphthalene
Concen: 45.900 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

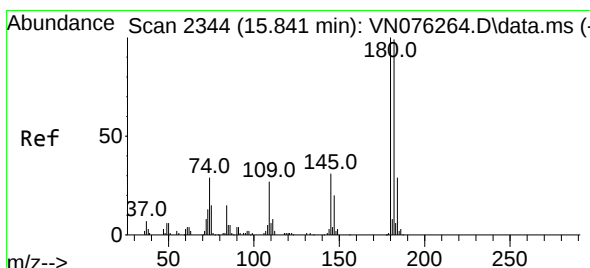
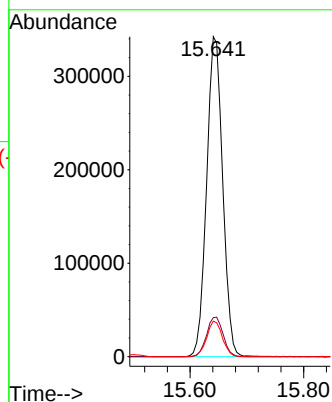
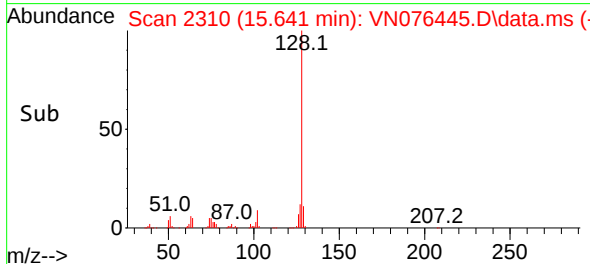
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 669529
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 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.649 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076445.D
Acq: 27 Jan 2023 17:57

Tgt Ion:180 Resp: 224257
Ion Ratio Lower Upper
180 100
182 92.1 47.5 142.5
145 32.6 15.9 47.6

