

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077306.D
 Acq On : 12 Apr 2023 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Semsettin Yesilyurt 04/13/2023

Quant Time: Apr 13 01:09:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	535808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1029190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	960819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	418971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	344823	47.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.180%		
35) Dibromofluoromethane	8.172	113	306919	46.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	10.572	98	1251501	47.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.854	95	440318	49.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	282998	41.381	ug/l	95
3) Chloromethane	2.372	50	318502	37.582	ug/l	99
4) Vinyl Chloride	2.525	62	476242	41.447	ug/l	98
5) Bromomethane	2.943	94	340117	40.829	ug/l	98
6) Chloroethane	3.125	64	331354	40.407	ug/l	95
7) Trichlorofluoromethane	3.502	101	464182	46.589	ug/l	100
8) Diethyl Ether	3.972	74	185516	44.434	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	281715	46.202	ug/l	99
10) Methyl Iodide	4.601	142	356270	48.043	ug/l	97
11) Tert butyl alcohol	5.525	59	265142	177.438	ug/l	98
12) 1,1-Dichloroethene	4.348	96	279142	44.473	ug/l	98
13) Acrolein	4.184	56	316465	223.614	ug/l	98
14) Allyl chloride	5.037	41	373312	39.380	ug/l	94
15) Acrylonitrile	5.725	53	684713	207.269	ug/l	98
16) Acetone	4.437	43	572417	212.002	ug/l	99
17) Carbon Disulfide	4.725	76	731858	43.240	ug/l	99
18) Methyl Acetate	5.031	43	404888	39.373	ug/l	94
19) Methyl tert-butyl Ether	5.801	73	1019690	45.785	ug/l	97
20) Methylene Chloride	5.284	84	328783	43.117	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	314791	45.806	ug/l	96
22) Diisopropyl ether	6.678	45	876297	46.108	ug/l	97
23) Vinyl Acetate	6.613	43	2836803	220.755	ug/l	99
24) 1,1-Dichloroethane	6.578	63	562793	45.857	ug/l	98
25) 2-Butanone	7.489	43	868162	198.116	ug/l	96
26) 2,2-Dichloropropane	7.495	77	550618	48.928	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	393347	46.870	ug/l	98
28) Bromochloromethane	7.819	49	232206	47.036	ug/l	99
29) Tetrahydrofuran	7.842	42	542678	192.649	ug/l	96
30) Chloroform	7.966	83	624187	47.693	ug/l	98
31) Cyclohexane	8.260	56	488007	42.886	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	561024	47.135	ug/l	97
36) 1,1-Dichloropropene	8.378	75	465535	47.774	ug/l	99
37) Ethyl Acetate	7.566	43	360365	41.333	ug/l	100
38) Carbon Tetrachloride	8.366	117	481381	48.218	ug/l	97
39) Methylcyclohexane	9.607	83	631646	48.071	ug/l	95
40) Benzene	8.607	78	1417470	46.636	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	195113m	41.634	ug/l	
42) 1,2-Dichloroethane	8.678	62	445236	47.596	ug/l	99
43) Isopropyl Acetate	8.689	43	647834	40.269	ug/l	97
44) Trichloroethene	9.354	130	345688	47.533	ug/l	95
45) 1,2-Dichloropropane	9.625	63	345338	47.840	ug/l	95
46) Dibromomethane	9.707	93	253548	46.619	ug/l	99
47) Bromodichloromethane	9.889	83	511875	47.088	ug/l	98
48) Methyl methacrylate	9.683	41	284413	41.442	ug/l	96
49) 1,4-Dioxane	9.695	88	127298	765.073	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1920436	206.519	ug/l	99
52) Toluene	10.630	92	958878	48.198	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	579024	49.052	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	608608	48.403	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	366354	46.912	ug/l	98
56) Ethyl methacrylate	10.877	69	561484	46.160	ug/l	98
57) 1,3-Dichloropropane	11.166	76	616384	47.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	815850	225.315	ug/l	99
59) 2-Hexanone	11.195	43	1417789	204.652	ug/l	99
60) Dibromochloromethane	11.360	129	400722	49.822	ug/l	98
61) 1,2-Dibromoethane	11.472	107	377148	48.385	ug/l	100
64) Tetrachloroethene	11.107	164	271720	45.779	ug/l	94
65) Chlorobenzene	11.895	112	1010112	47.751	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	364075	45.487	ug/l	98
67) Ethyl Benzene	11.966	91	1875233	48.040	ug/l	97
68) m/p-Xylenes	12.072	106	1449944	94.535	ug/l	99
69) o-Xylene	12.401	106	717406	47.413	ug/l	97
70) Styrene	12.413	104	1192955	48.993	ug/l	99
71) Bromoform	12.583	173	260911	46.308	ug/l #	99
73) Isopropylbenzene	12.701	105	1884497	46.308	ug/l	100
74) N-amyl acetate	12.495	43	616194	39.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	542955	42.515	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	459141m	46.021	ug/l	
77) Bromobenzene	12.983	156	384938	46.521	ug/l	94
78) n-propylbenzene	13.042	91	2145329	47.712	ug/l	100
79) 2-Chlorotoluene	13.130	91	1259771	46.530	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1569897	48.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	188697	42.562	ug/l	99
82) 4-Chlorotoluene	13.224	91	1216785	47.667	ug/l	100
83) tert-Butylbenzene	13.442	119	1331248	46.015	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1572027	48.956	ug/l	99
85) sec-Butylbenzene	13.618	105	1962548	48.675	ug/l	99
86) p-Isopropyltoluene	13.730	119	1586232	50.059	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	738379	48.234	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	721806	47.814	ug/l	98
89) n-Butylbenzene	14.060	91	1384676	52.638	ug/l	99
90) Hexachloroethane	14.336	117	325830	47.028	ug/l	95
91) 1,2-Dichlorobenzene	14.113	146	730377	47.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	100287	41.436	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	297981	53.901	ug/l	99
94) Hexachlorobutadiene	15.465	225	146675	45.835	ug/l	99
95) Naphthalene	15.589	128	1089868	52.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	277394	52.459	ug/l	99

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ClientSampleId :
VSTDCCC050

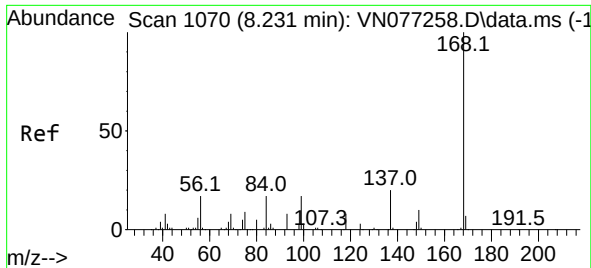
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

Quant Time: Apr 13 01:09:19 2023
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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



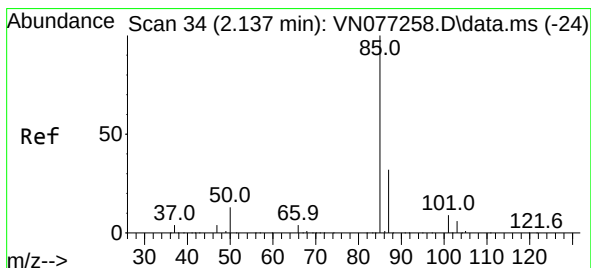
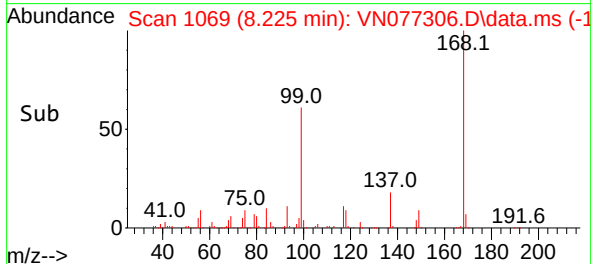
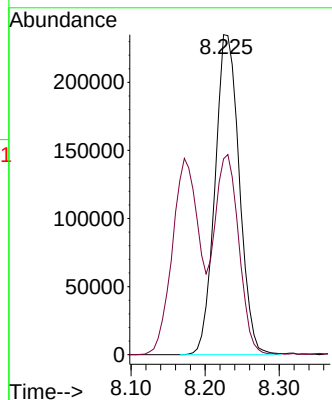
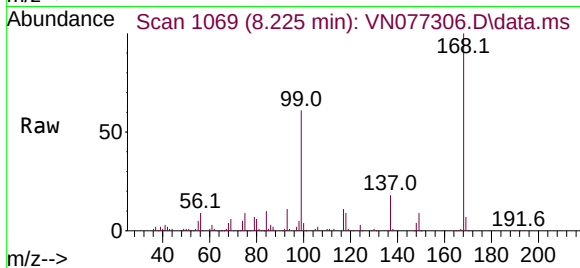
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 535808
Ion Ratio Lower Upper
168 100
99 60.8 50.6 75.8

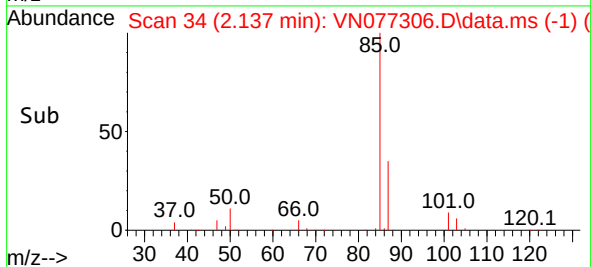
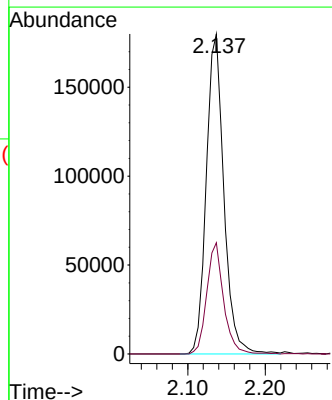
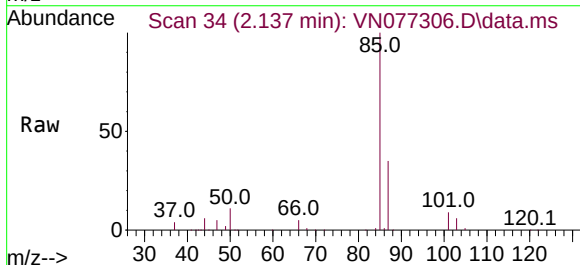
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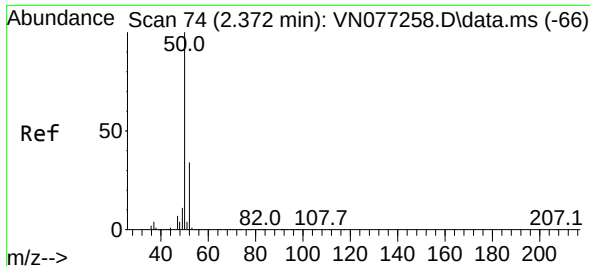
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#2
Dichlorodifluoromethane
Concen: 41.381 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

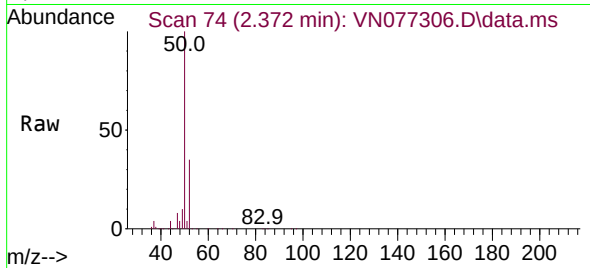
Tgt Ion: 85 Resp: 282998
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2





#3
Chloromethane
Concen: 37.582 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

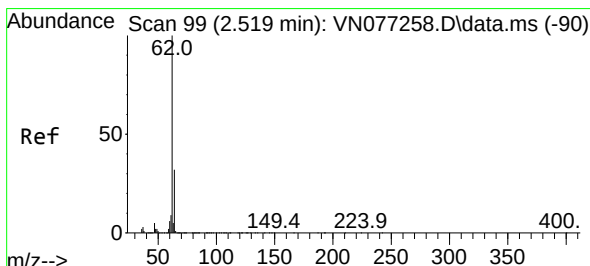
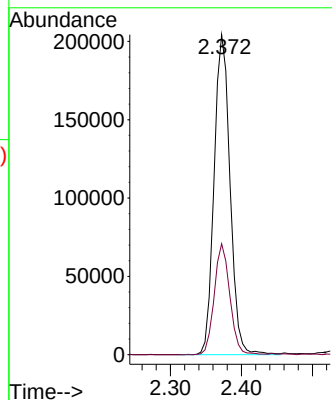
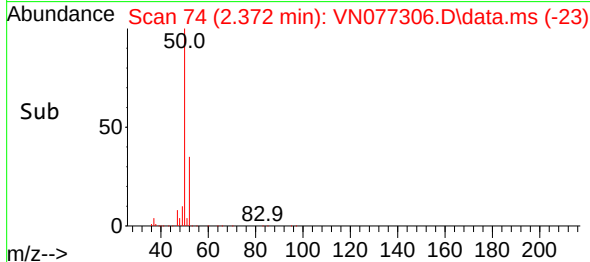
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



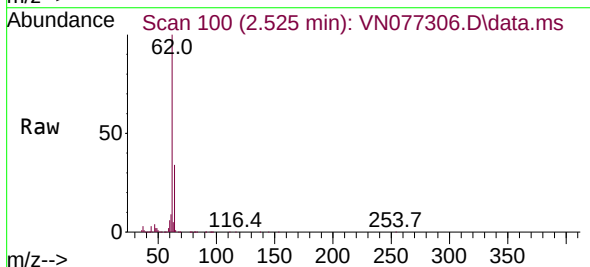
Tgt Ion: 50 Resp: 318502
Ion Ratio Lower Upper
50 100
52 34.7 27.3 40.9

Manual Integrations
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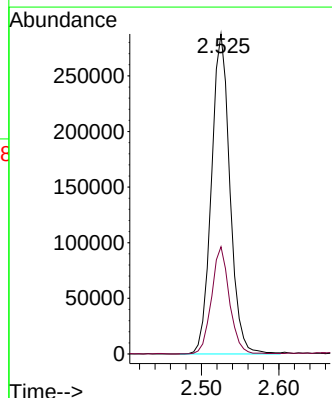
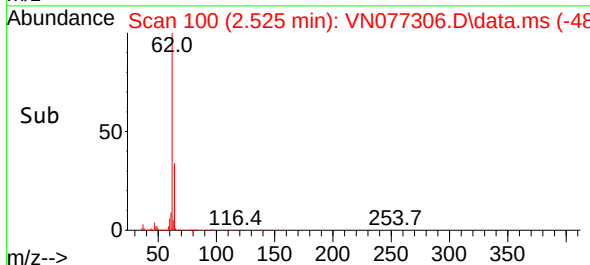
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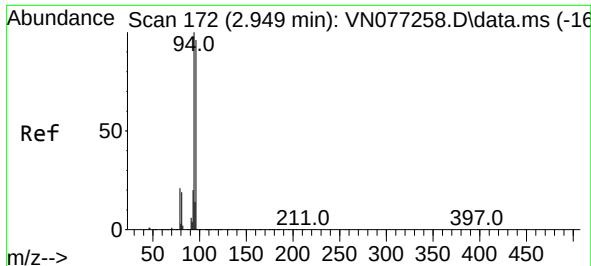


#4
Vinyl Chloride
Concen: 41.447 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



Tgt Ion: 62 Resp: 476242
Ion Ratio Lower Upper
62 100
64 33.4 25.8 38.8





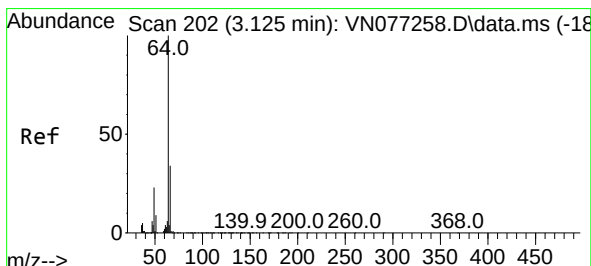
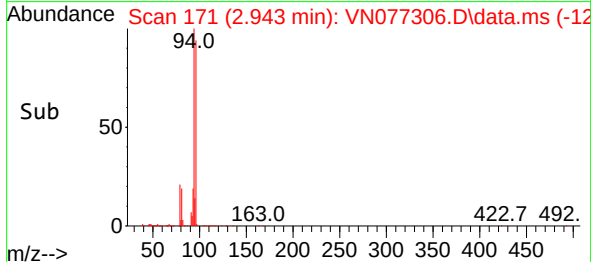
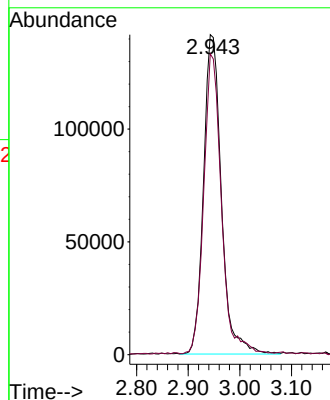
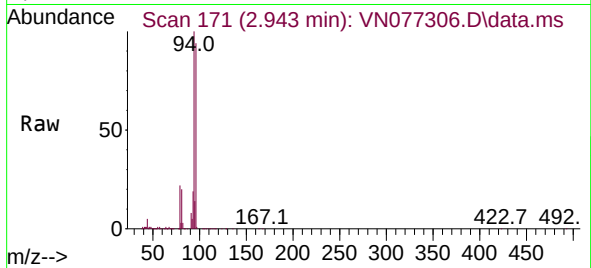
#5
Bromomethane
Concen: 40.829 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 34011
Ion Ratio Lower Upper
94 100
96 93.8 77.0 115.4

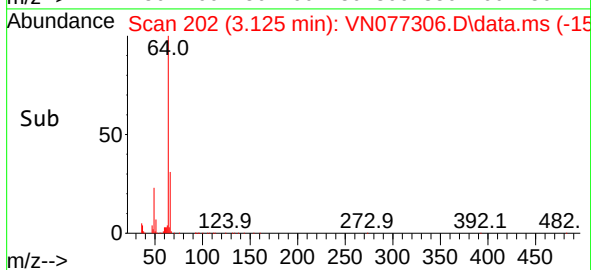
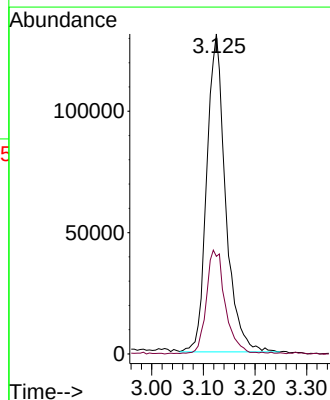
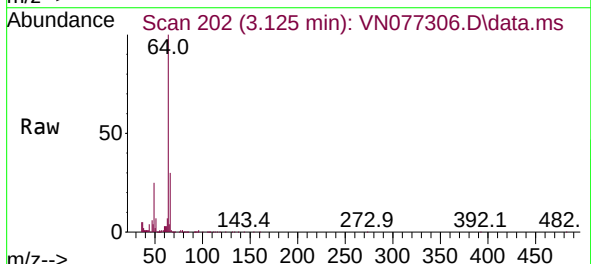
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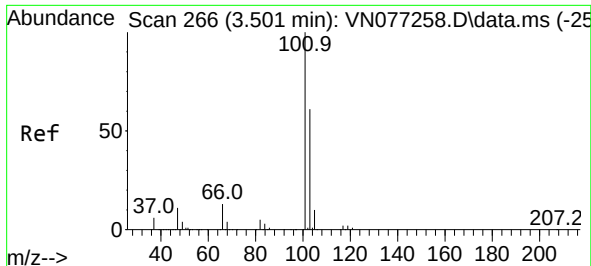
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#6
Chloroethane
Concen: 40.407 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 64 Resp: 331354
Ion Ratio Lower Upper
64 100
66 30.5 26.9 40.3





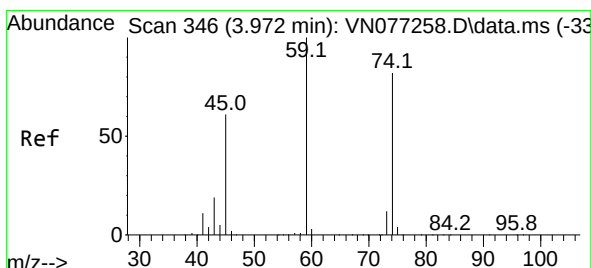
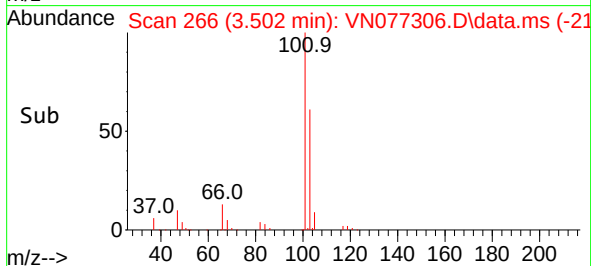
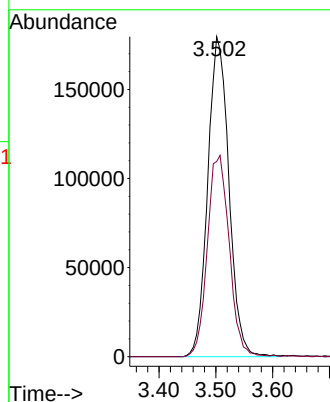
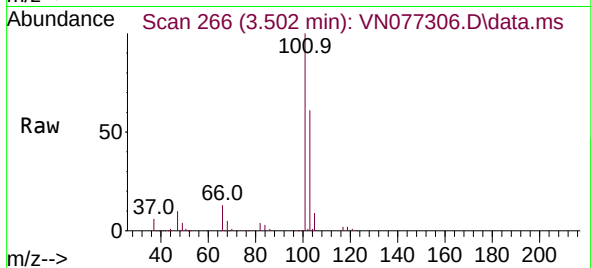
#7
Trichlorofluoromethane
Concen: 46.589 ug/l
RT: 3.502 min Scan# 266
Delta R.T. 0.001 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 46418
Ion Ratio Lower Upper
101 100
103 61.0 49.0 73.4

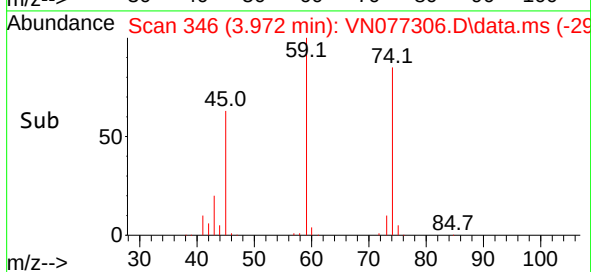
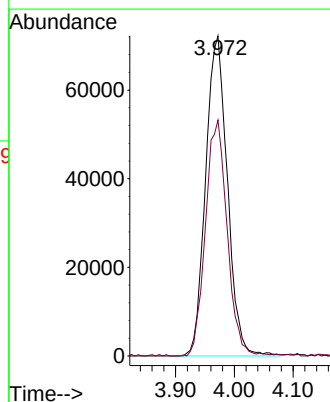
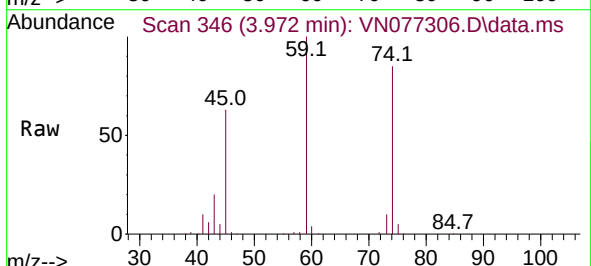
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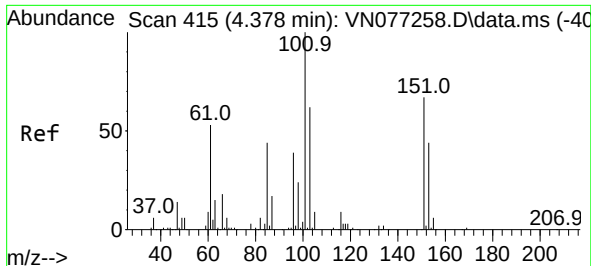
Reviewed By : John Carlone 04/13/2023
Supervised By : Semsettin Yesilyurt 04/13/2023



#8
Diethyl Ether
Concen: 44.434 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 74 Resp: 185516
Ion Ratio Lower Upper
74 100
45 73.3 37.8 113.4





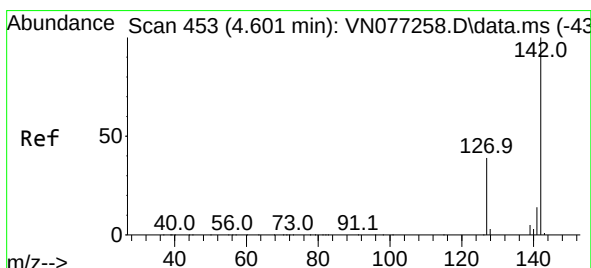
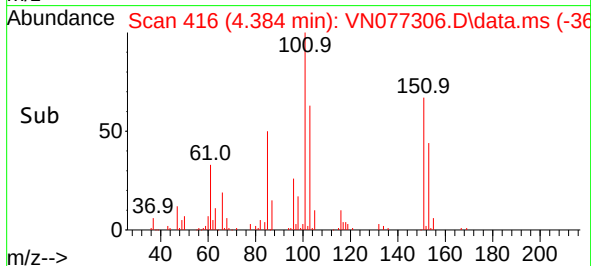
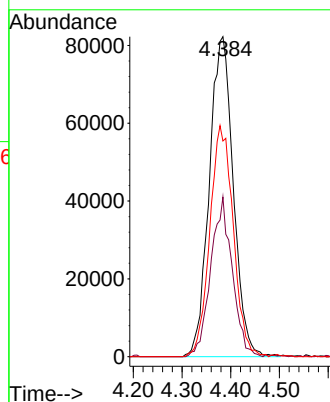
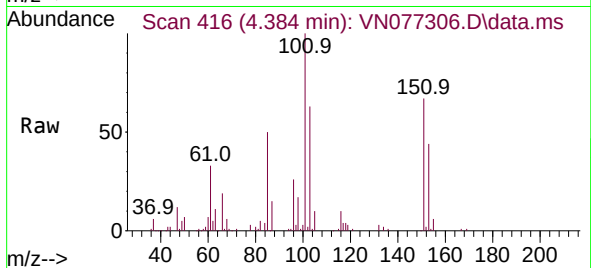
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.202 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 281715
Ion Ratio Lower Upper
101 100
85 44.5 37.3 55.9
151 70.5 56.3 84.5

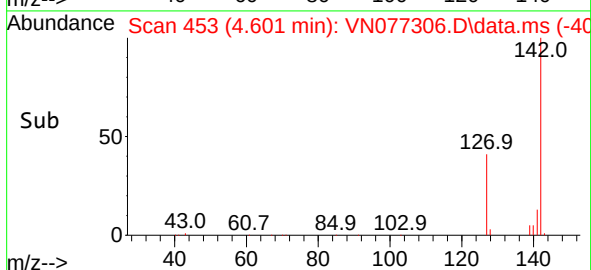
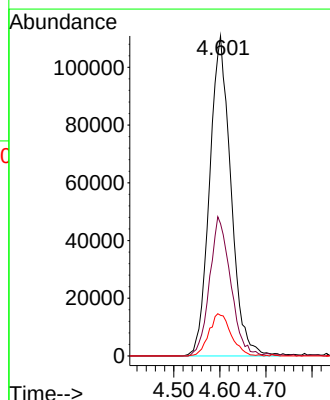
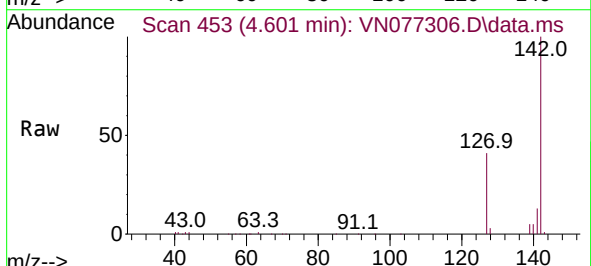
Manual Integrations
APPROVED

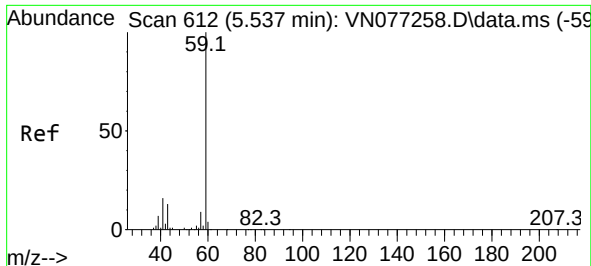
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#10
Methyl Iodide
Concen: 48.043 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

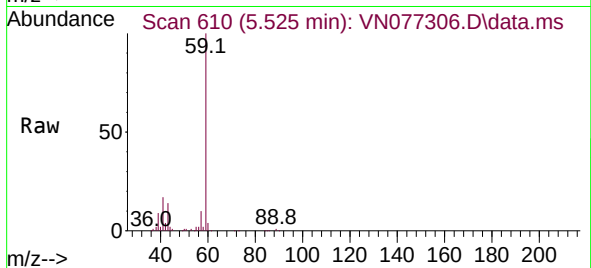
Tgt Ion:142 Resp: 356270
Ion Ratio Lower Upper
142 100
127 41.4 31.5 47.3
141 12.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 177.438 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

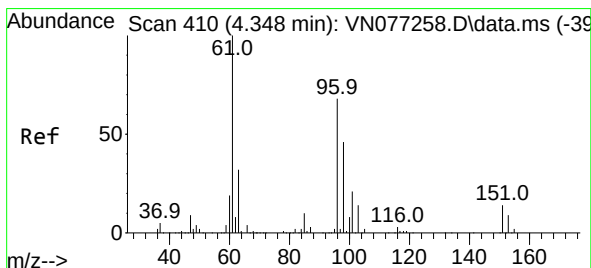
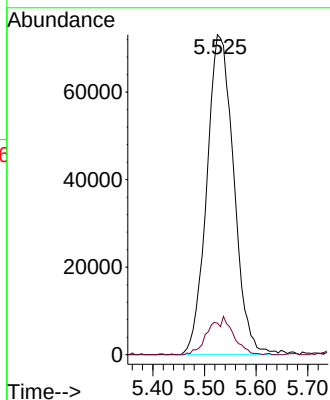
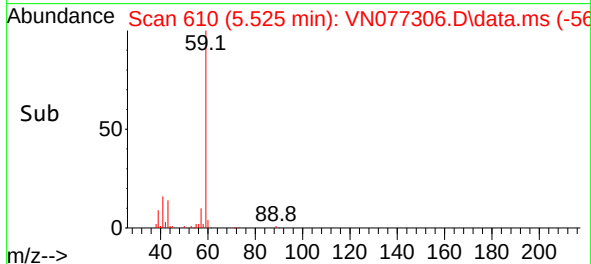
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 265142
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

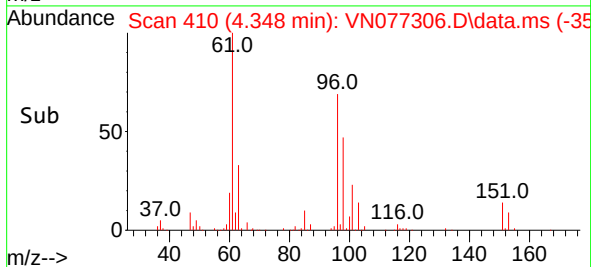
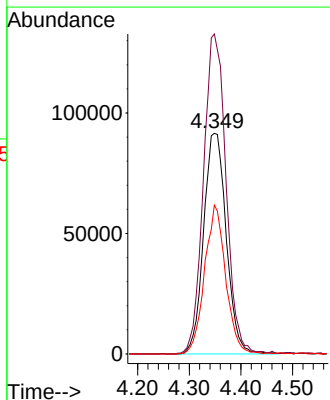
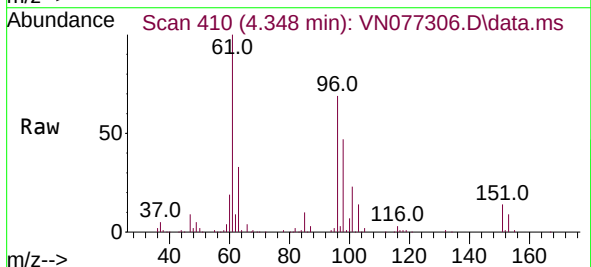
Manual Integrations
APPROVED

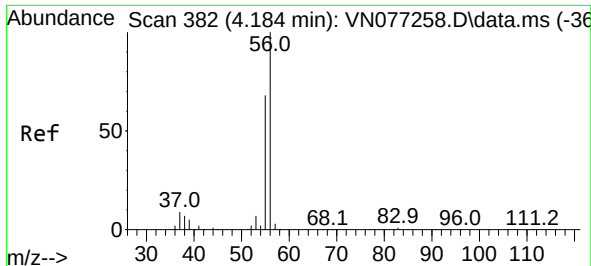
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#12
1,1-Dichloroethene
Concen: 44.473 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 96 Resp: 279142
Ion Ratio Lower Upper
96 100
61 144.7 118.3 177.5
98 67.5 54.5 81.7





#13

Acrolein

Concen: 223.614 ug/l

RT: 4.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 31646

Ion Ratio Lower Upper

56 100

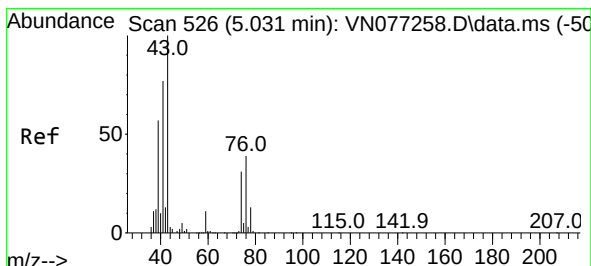
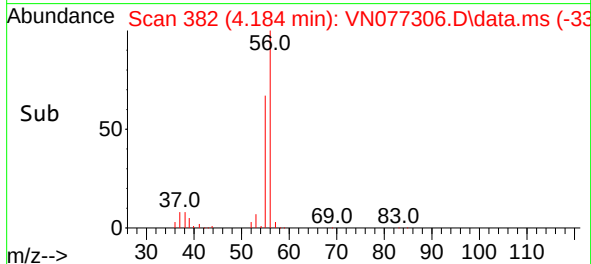
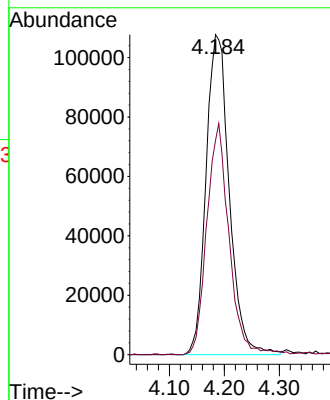
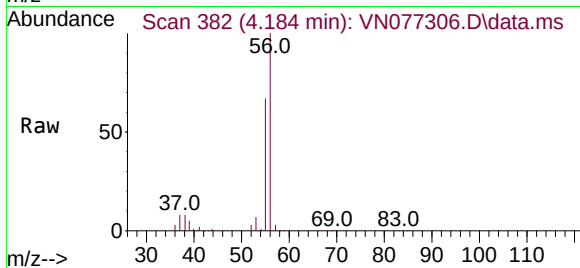
55 68.9 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#14

Allyl chloride

Concen: 39.380 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

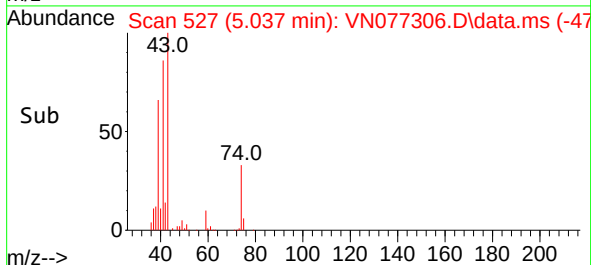
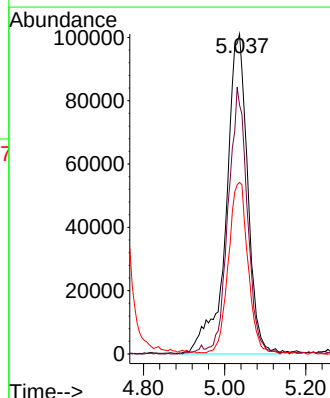
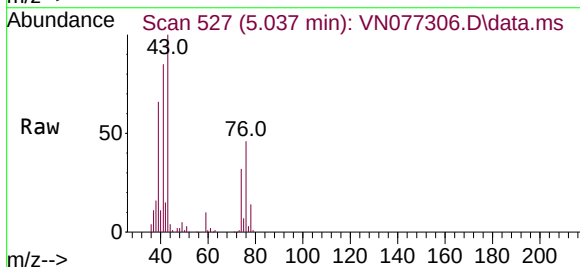
Tgt Ion: 41 Resp: 373312

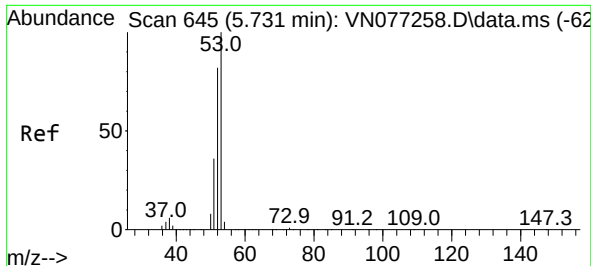
Ion Ratio Lower Upper

41 100

39 72.6 55.0 82.4

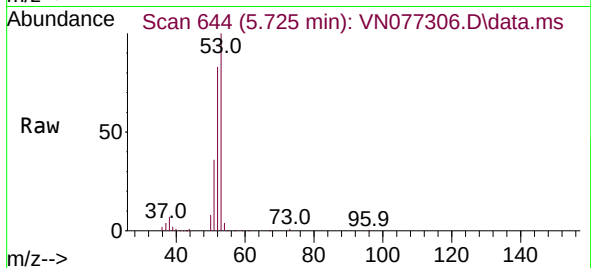
76 48.9 35.4 53.2





#15
Acrylonitrile
Concen: 207.269 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

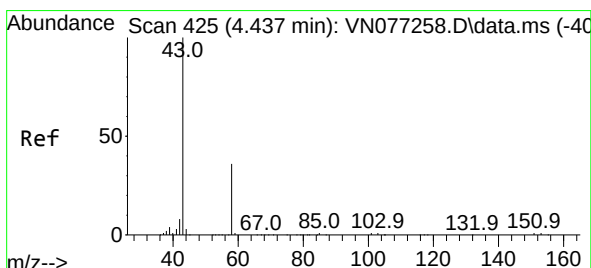
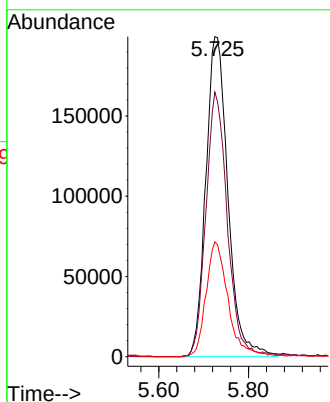
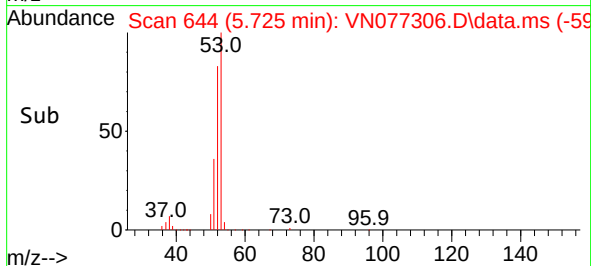
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 684711
Ion Ratio Lower Upper
53 100
52 79.4 65.2 97.8
51 35.8 28.1 42.1

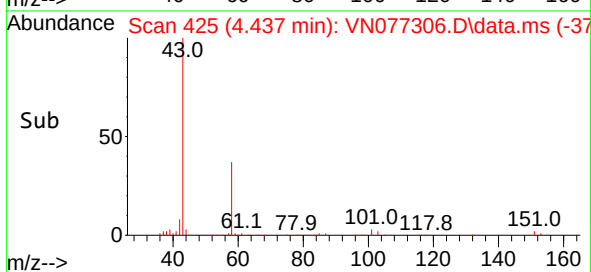
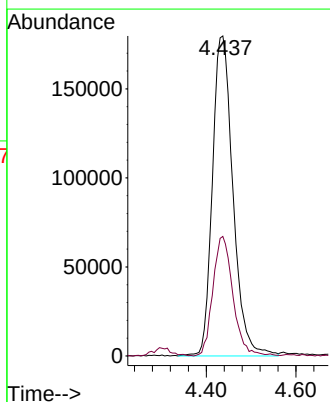
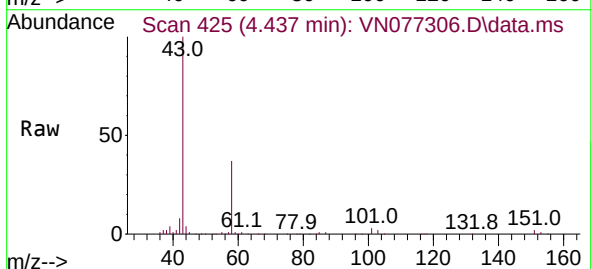
Manual Integrations
APPROVED

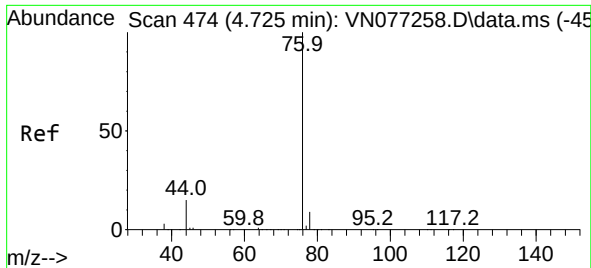
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#16
Acetone
Concen: 212.002 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

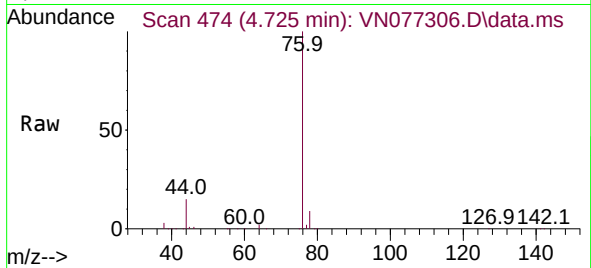
Tgt Ion: 43 Resp: 572417
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6





#17
Carbon Disulfide
Concen: 43.240 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

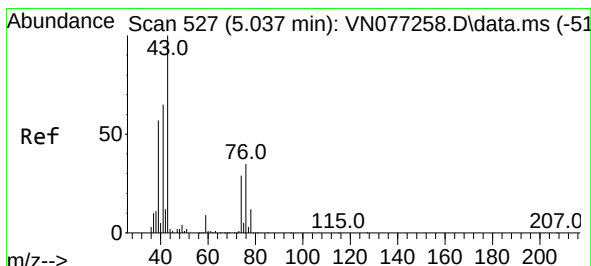
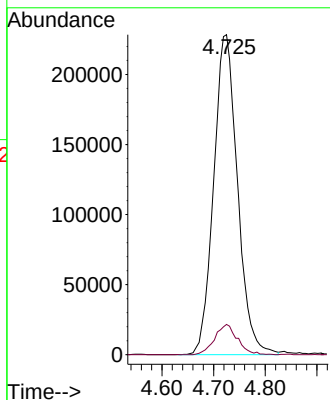
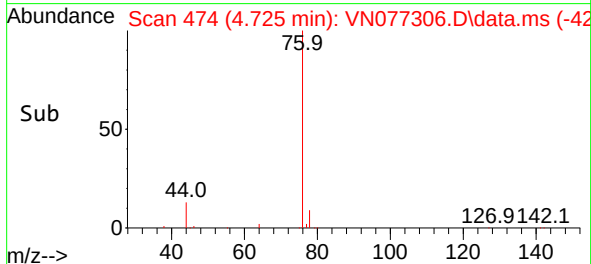
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 731858
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

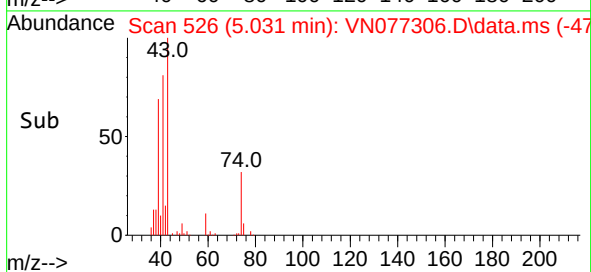
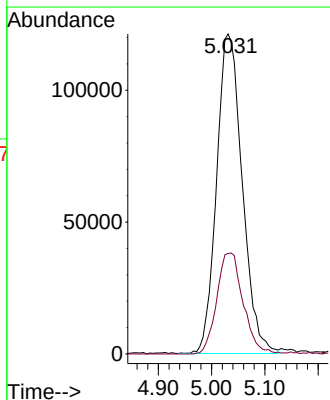
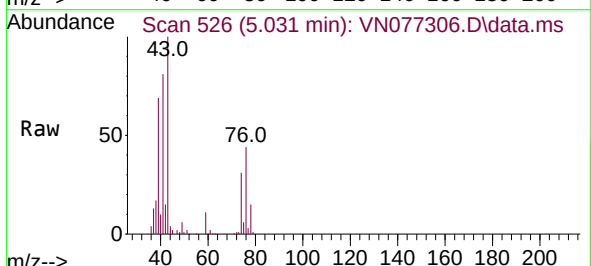
Manual Integrations
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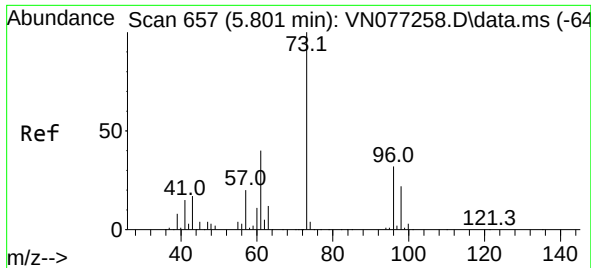
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#18
Methyl Acetate
Concen: 39.373 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

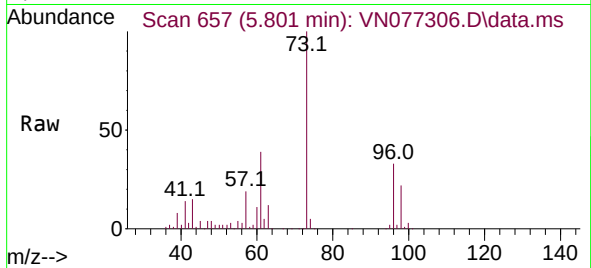
Tgt Ion: 43 Resp: 404888
Ion Ratio Lower Upper
43 100
74 32.4 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 45.785 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

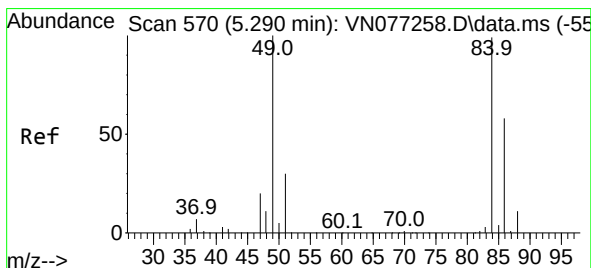
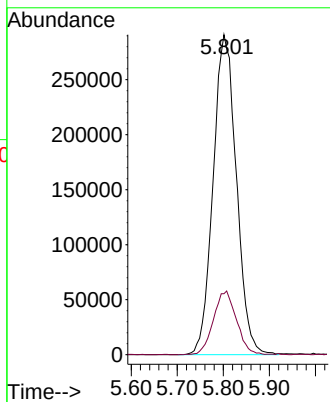
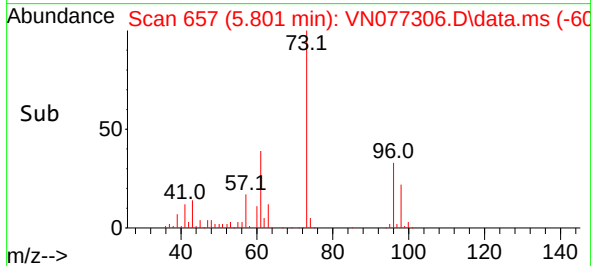
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1019690
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4

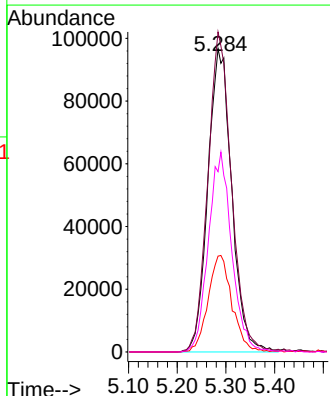
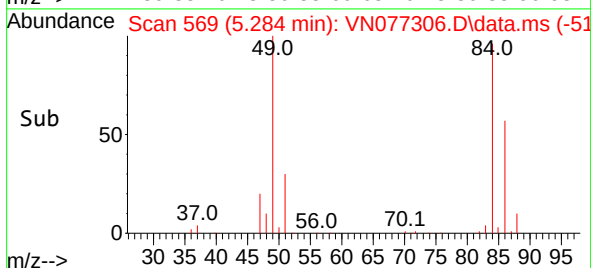
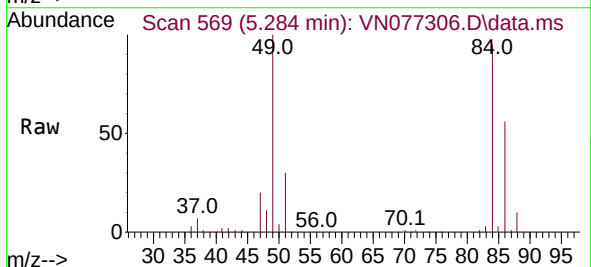
Manual Integrations
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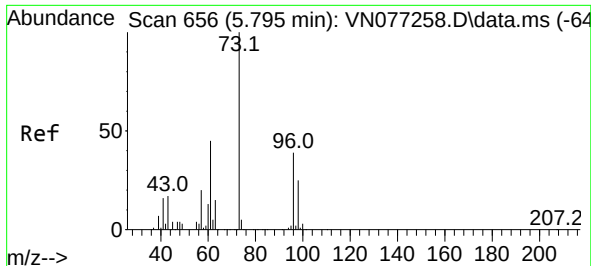
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#20
Methylene Chloride
Concen: 43.117 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

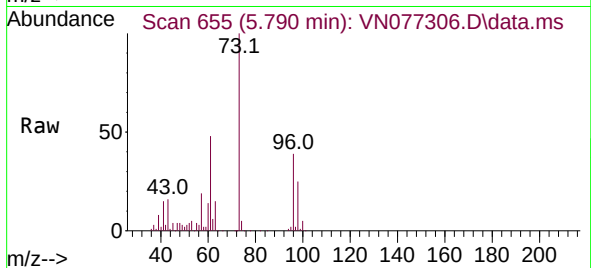
Tgt Ion: 84 Resp: 328783
Ion Ratio Lower Upper
84 100
49 105.5 80.6 121.0
51 31.6 24.4 36.6
86 59.5 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 45.806 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

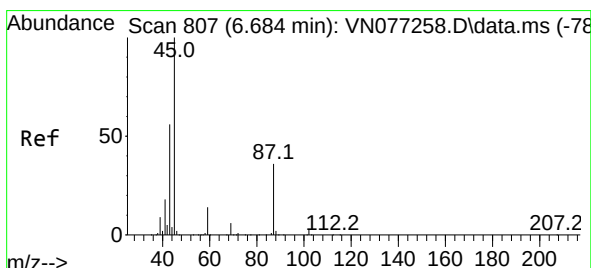
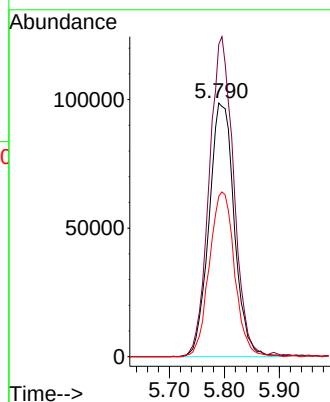
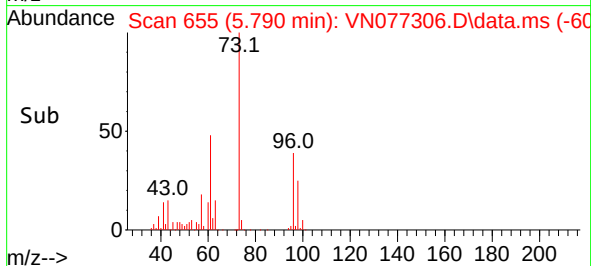
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 31479
Ion Ratio Lower Upper
96 100
61 123.0 93.8 140.6
98 63.2 50.9 76.3

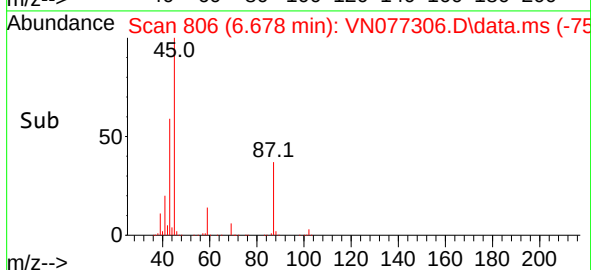
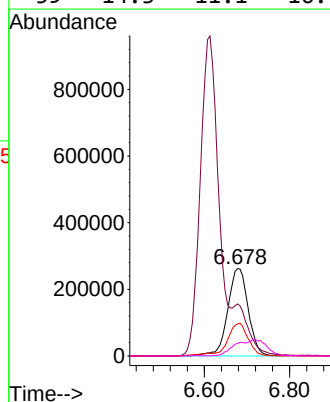
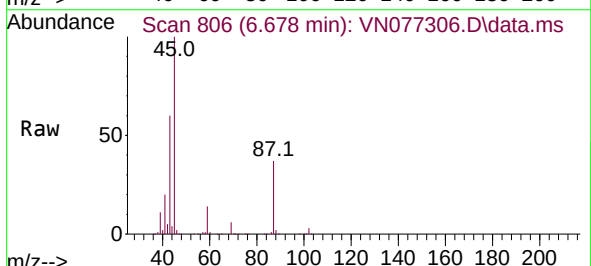
Manual Integrations
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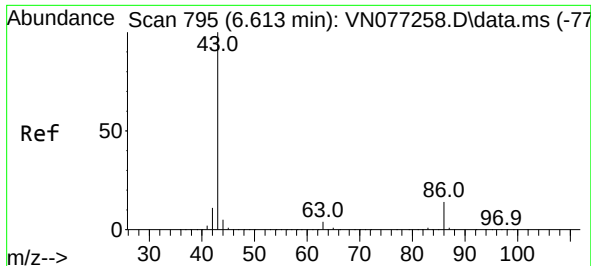
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#22
Diisopropyl ether
Concen: 46.108 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 45 Resp: 876297
Ion Ratio Lower Upper
45 100
43 59.4 44.6 66.8
87 36.5 28.4 42.6
59 14.3 11.1 16.7





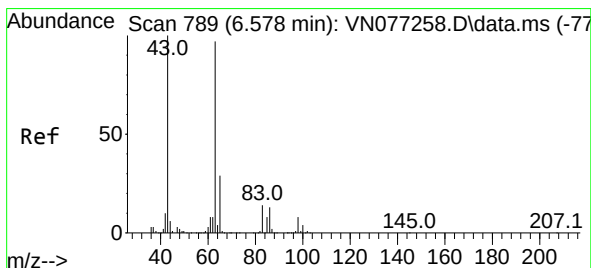
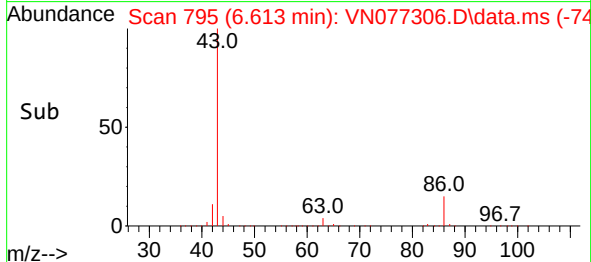
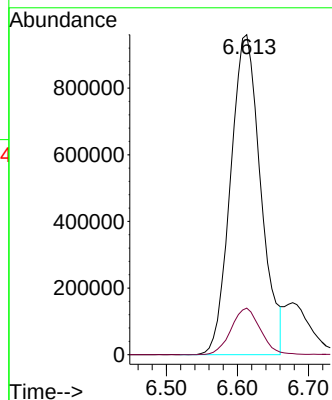
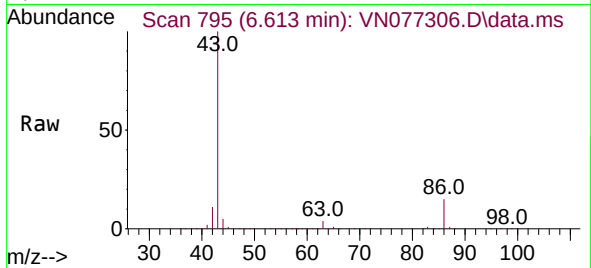
#23
 Vinyl Acetate
 Concen: 220.755 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 283680
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8

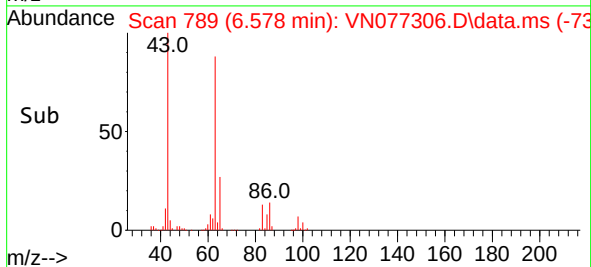
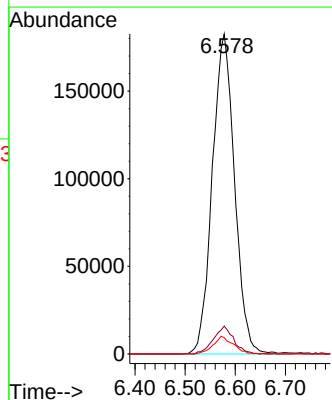
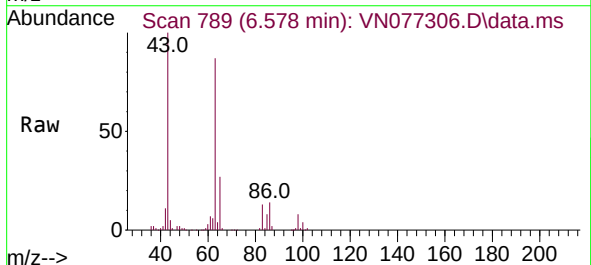
Manual Integrations
 APPROVED

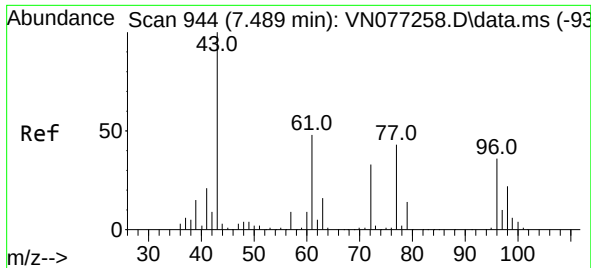
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 45.857 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19

Tgt Ion: 63 Resp: 562793
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.0
 100 5.1 2.3 6.9





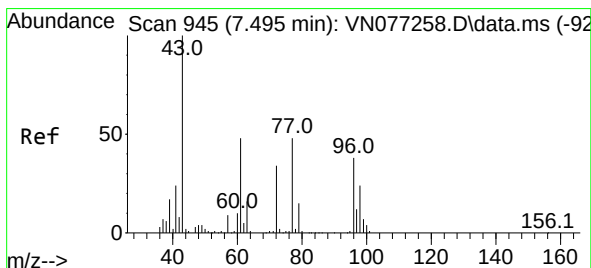
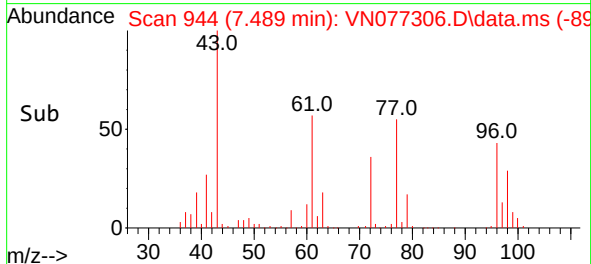
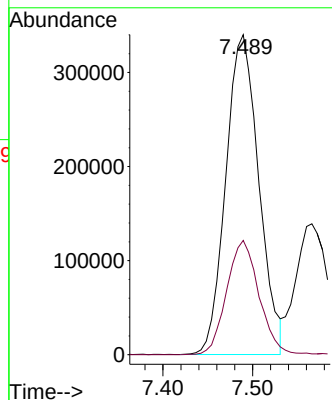
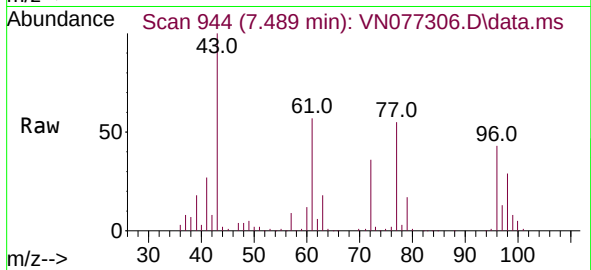
#25
2-Butanone
Concen: 198.116 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 868162
Ion Ratio Lower Upper
43 100
72 35.7 26.6 39.8

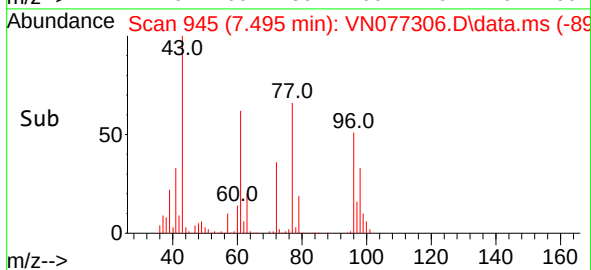
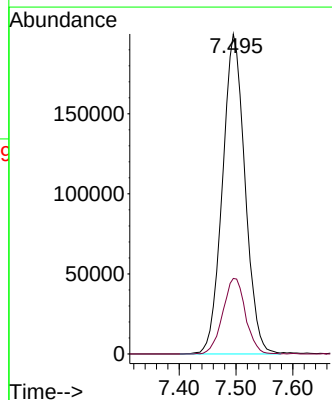
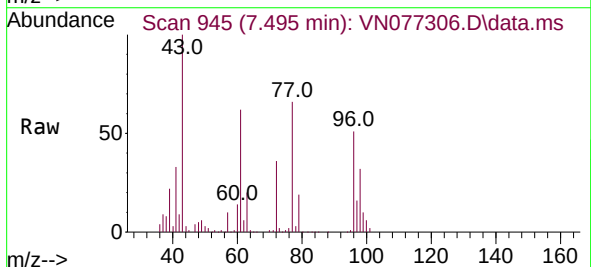
Manual Integrations
APPROVED

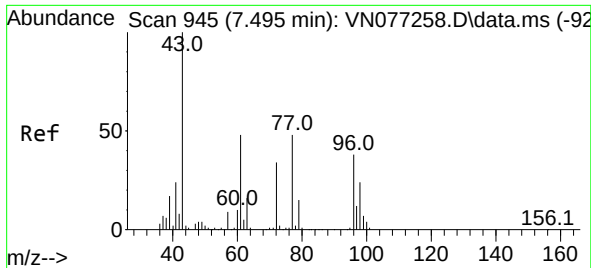
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#26
2,2-Dichloropropane
Concen: 48.928 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

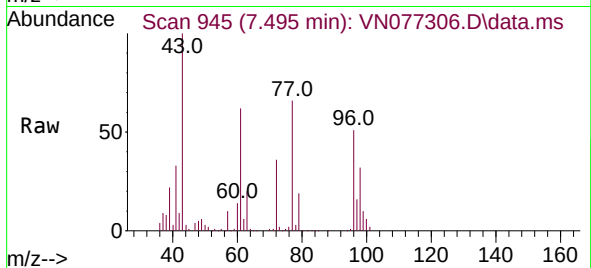
Tgt Ion: 77 Resp: 550618
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 46.870 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19

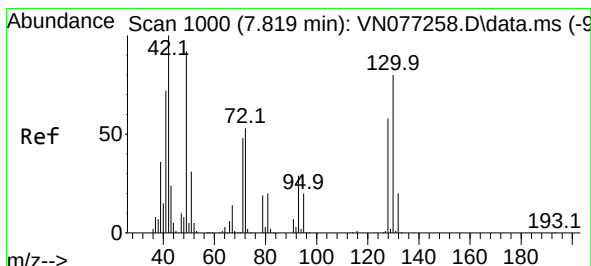
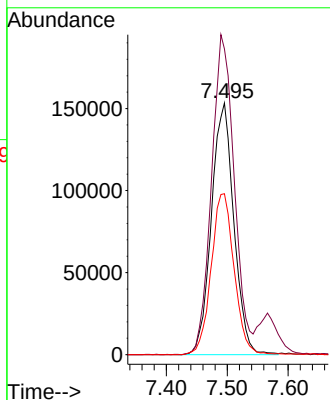
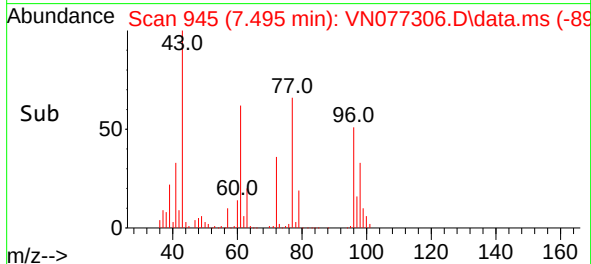
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 39334
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 261.0
 98 65.4 0.0 128.0

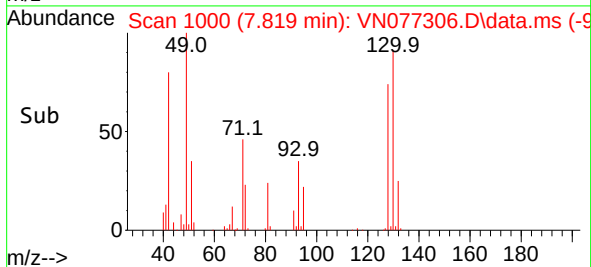
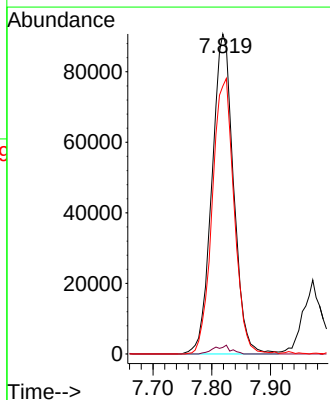
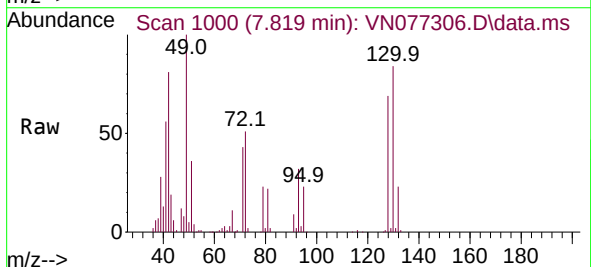
Manual Integrations
 APPROVED

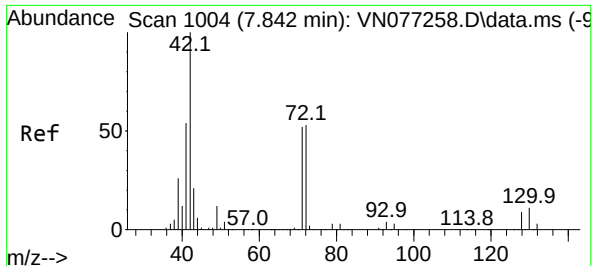
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023



#28
 Bromochloromethane
 Concen: 47.036 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19

Tgt Ion: 49 Resp: 232206
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 86.6 68.4 102.6





#29

Tetrahydrofuran

Concen: 192.649 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 542678

Ion Ratio Lower Upper

42 100

72 59.4 44.6 66.8

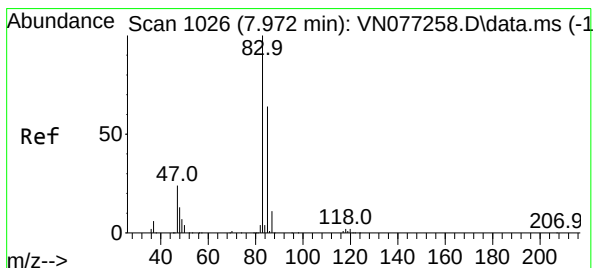
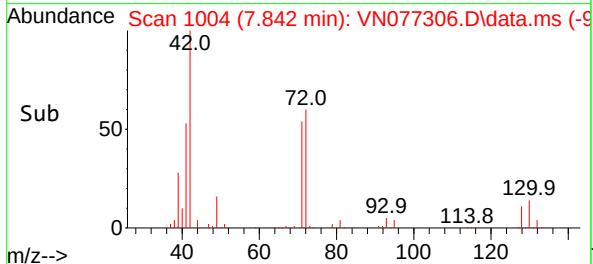
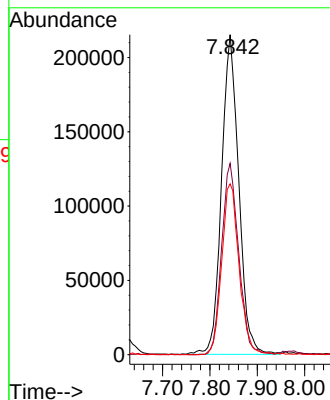
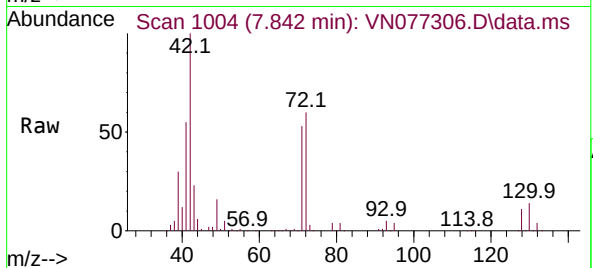
71 53.9 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#30

Chloroform

Concen: 47.693 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077306.D

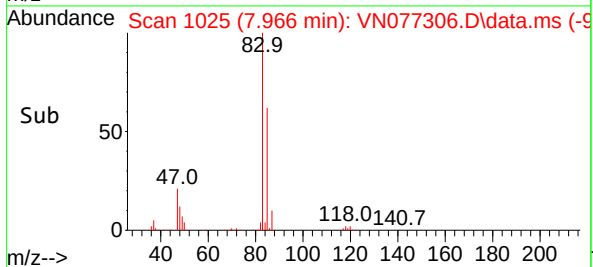
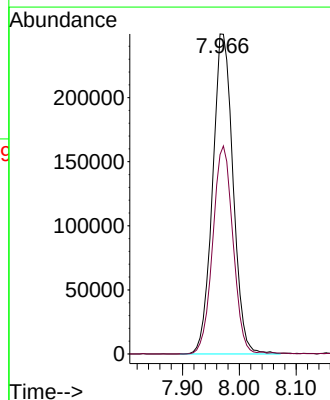
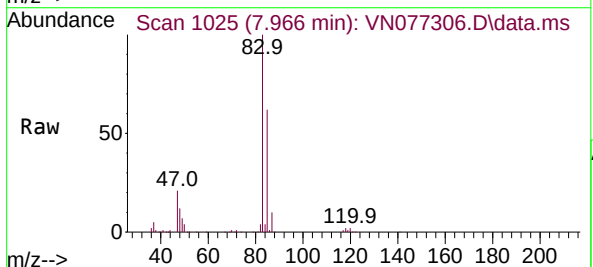
Acq: 12 Apr 2023 10:19

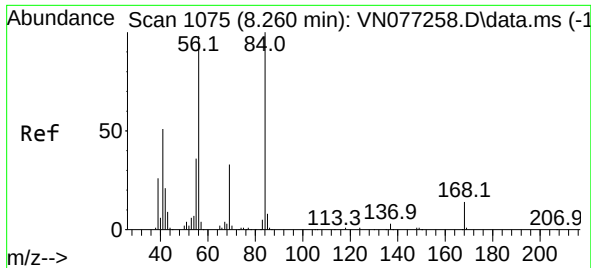
Tgt Ion: 83 Resp: 624187

Ion Ratio Lower Upper

83 100

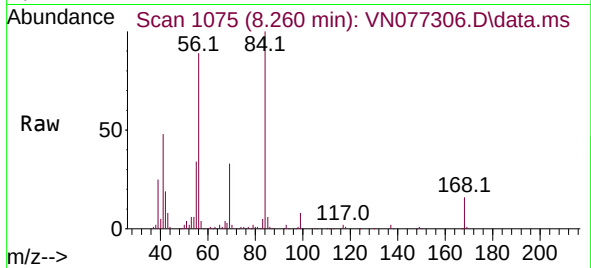
85 62.2 50.9 76.3





#31
Cyclohexane
Concen: 42.886 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

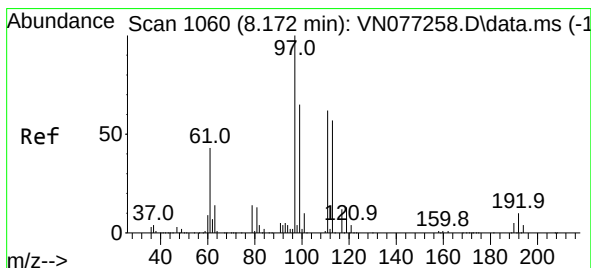
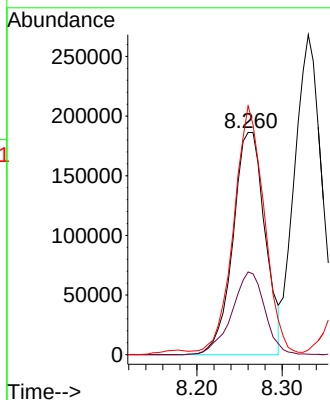
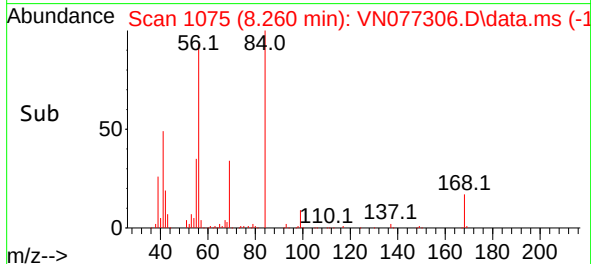
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



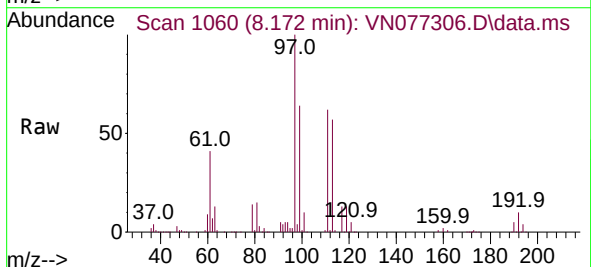
Tgt Ion: 56 Resp: 48800
Ion Ratio Lower Upper
56 100
69 37.2 26.6 40.0
84 109.7 81.8 122.8

Manual Integrations
APPROVED

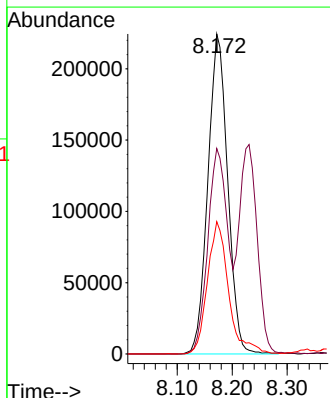
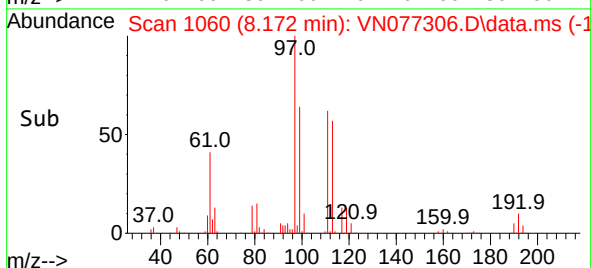
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

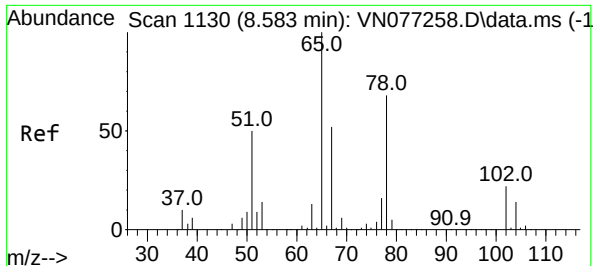


#32
1,1,1-Trichloroethane
Concen: 47.135 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



Tgt Ion: 97 Resp: 561024
Ion Ratio Lower Upper
97 100
99 64.5 54.2 81.4
61 44.4 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 47.087 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 34482

Ion Ratio Lower Upper

65 100

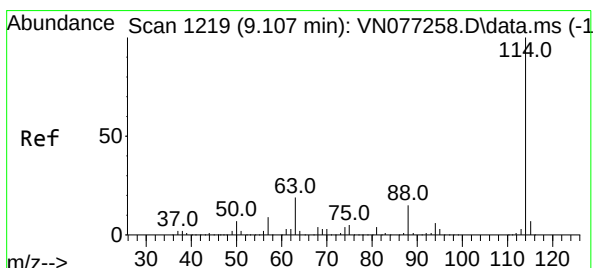
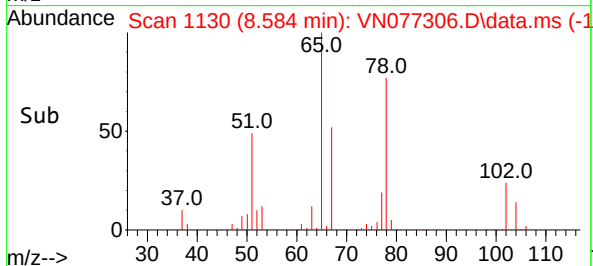
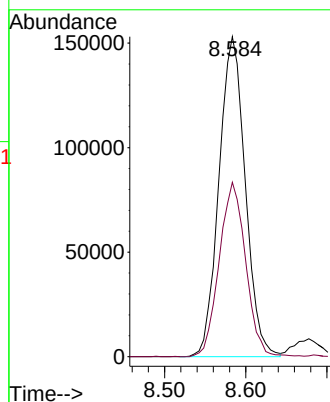
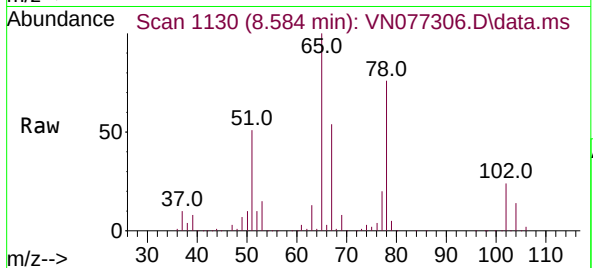
67 54.8 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

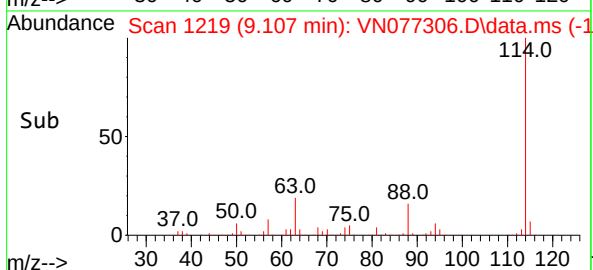
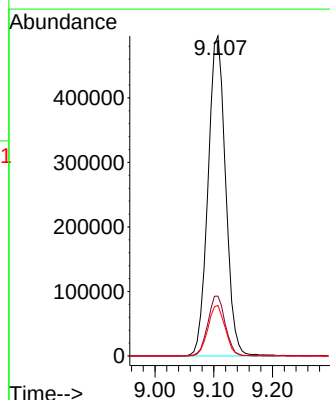
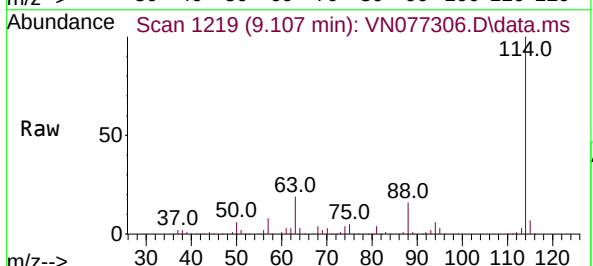
Tgt Ion:114 Resp: 1029190

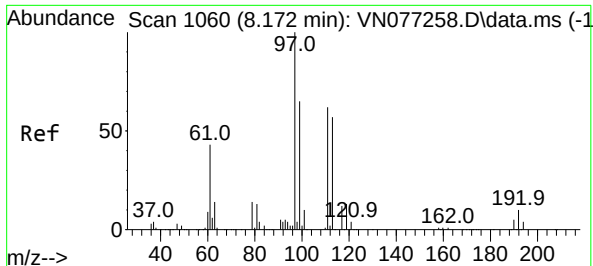
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

88 15.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.584 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 306919

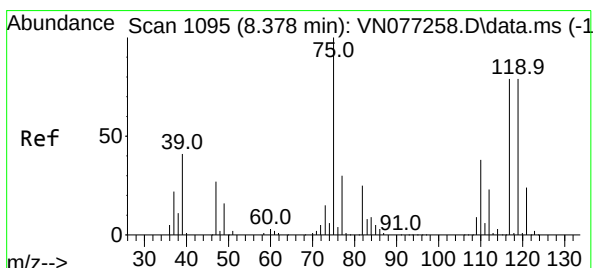
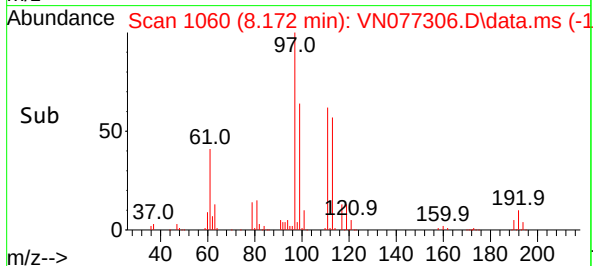
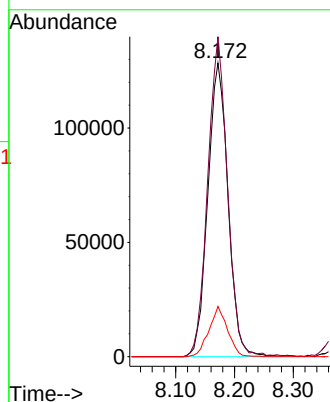
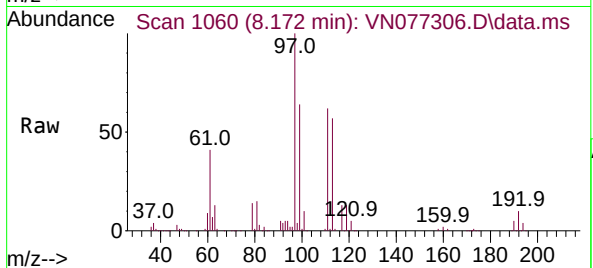
Ion	Ratio	Lower	Upper
113	100		
111	106.4	83.4	125.0
192	15.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#36

1,1-Dichloropropene

Concen: 47.774 ug/l

RT: 8.378 min Scan# 1095

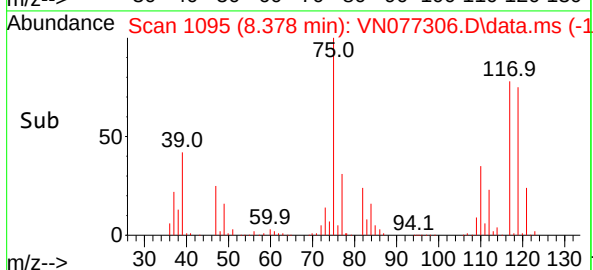
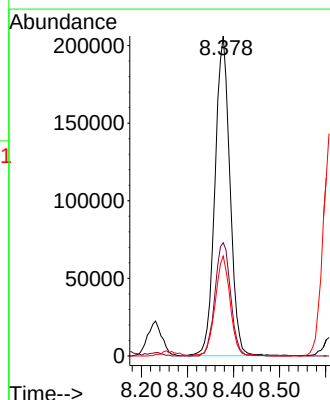
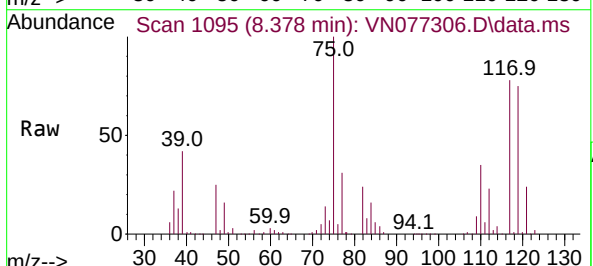
Delta R.T. -0.000 min

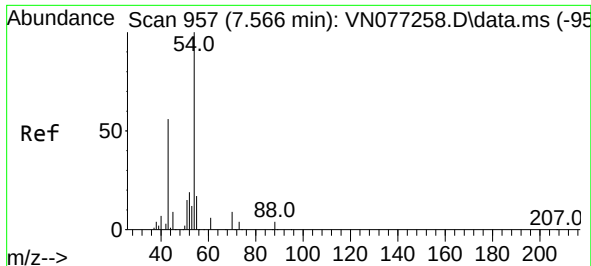
Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Tgt Ion: 75 Resp: 465535

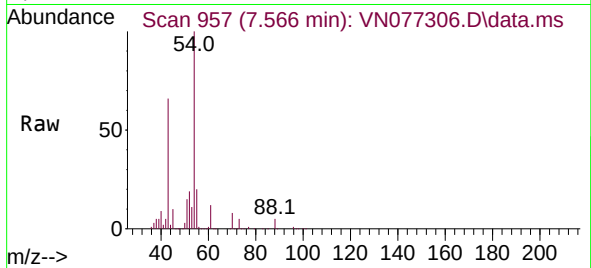
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.8	53.5
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 41.333 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

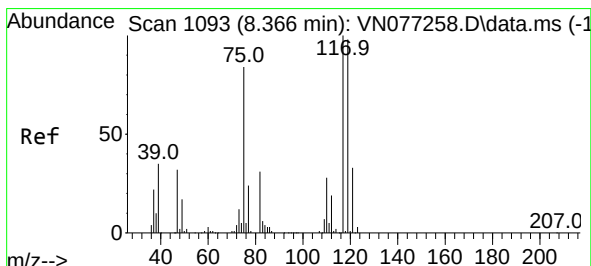
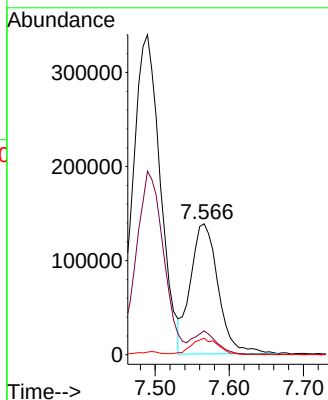
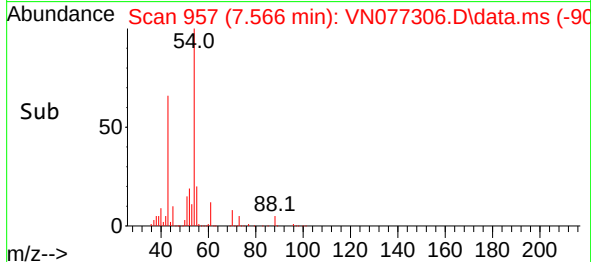
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36036
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 12.3 10.0 15.0

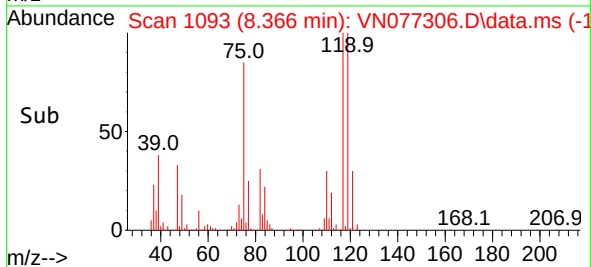
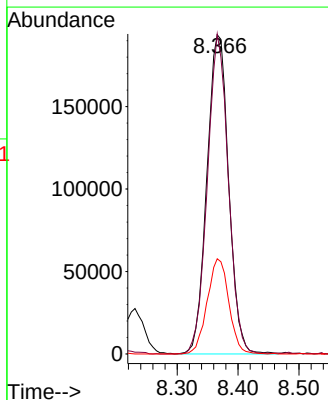
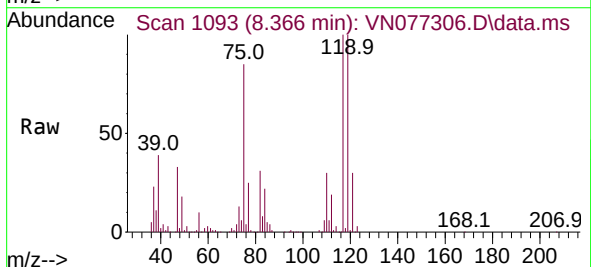
Manual Integrations
APPROVED

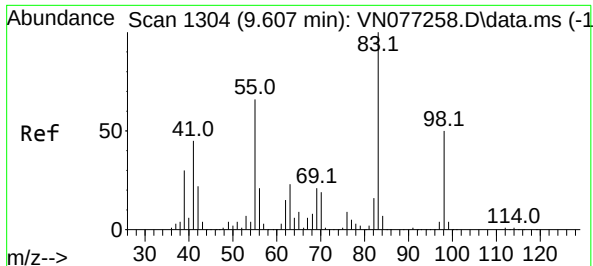
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#38
Carbon Tetrachloride
Concen: 48.218 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion:117 Resp: 481381
Ion Ratio Lower Upper
117 100
119 100.1 78.5 117.7
121 29.8 26.6 40.0





#39

Methylcyclohexane

Concen: 48.071 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 631640

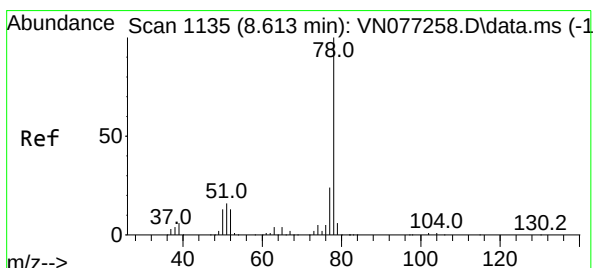
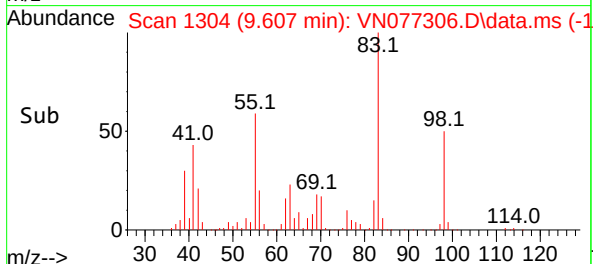
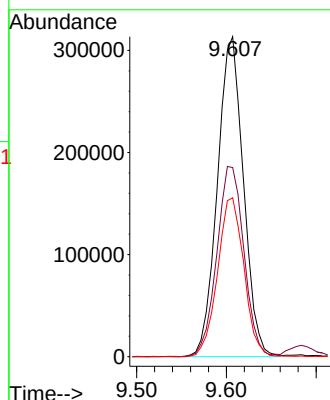
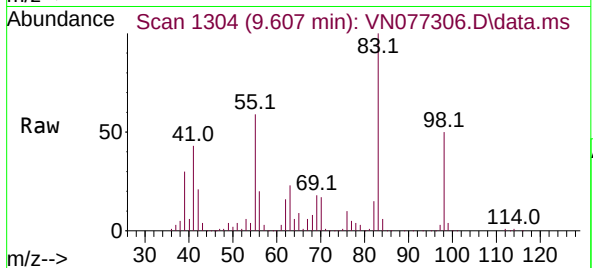
Ion	Ratio	Lower	Upper
83	100		
55	59.0	52.4	78.6
98	49.7	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#40

Benzene

Concen: 46.636 ug/l

RT: 8.607 min Scan# 1134

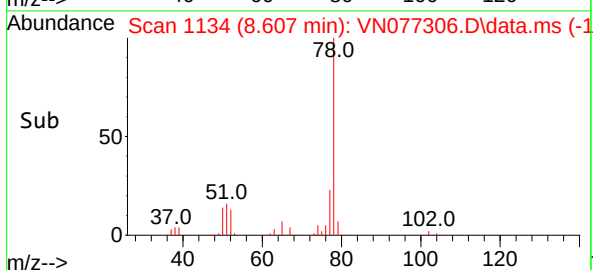
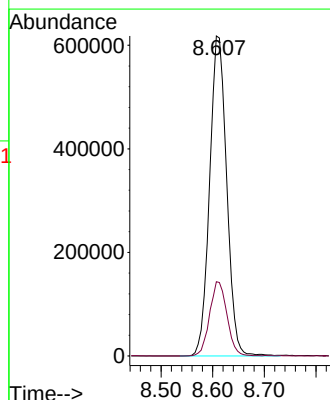
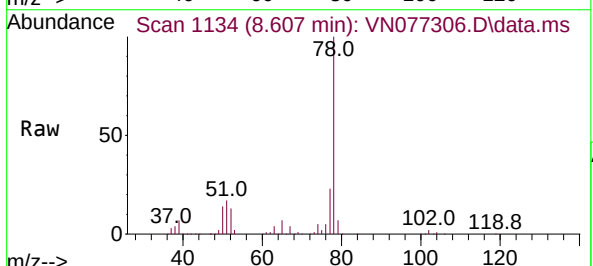
Delta R.T. -0.006 min

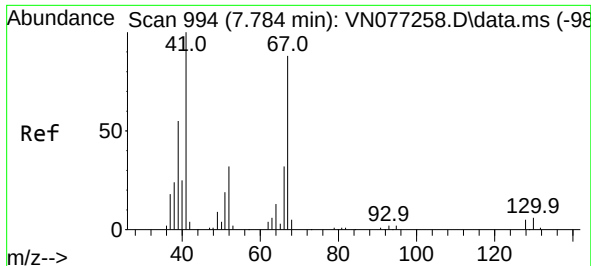
Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Tgt Ion: 78 Resp: 1417470

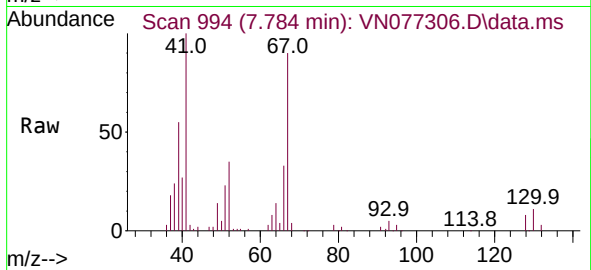
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.5	29.3





#41
Methacrylonitrile
Concen: 41.634 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

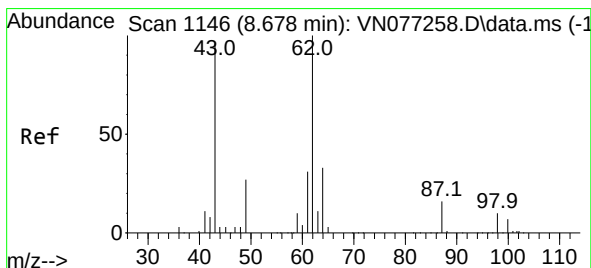
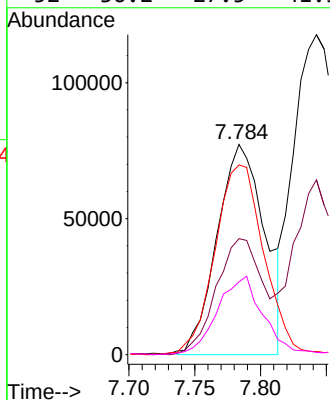
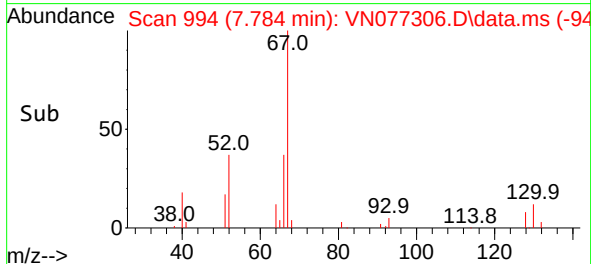
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



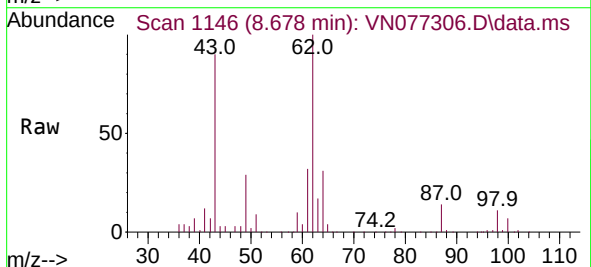
Tgt Ion: 41 Resp: 195111
Ion Ratio Lower Upper
41 100
39 52.5 44.1 66.1
67 93.0 71.4 107.2
52 36.2 27.5 41.3

Manual Integrations
APPROVED

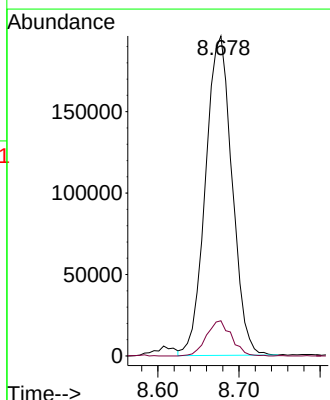
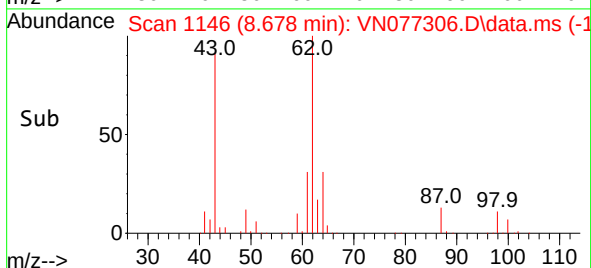
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

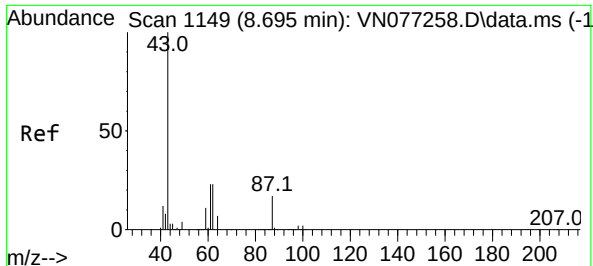


#42
1,2-Dichloroethane
Concen: 47.596 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



Tgt Ion: 62 Resp: 445236
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 40.269 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

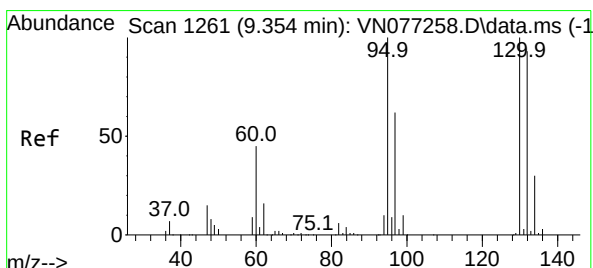
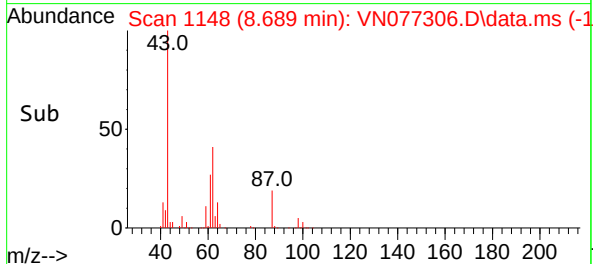
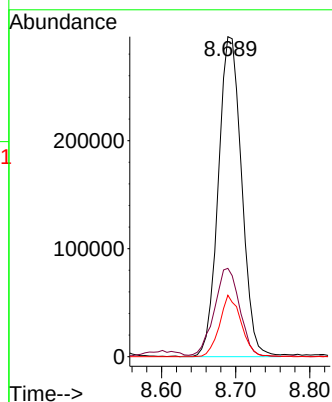
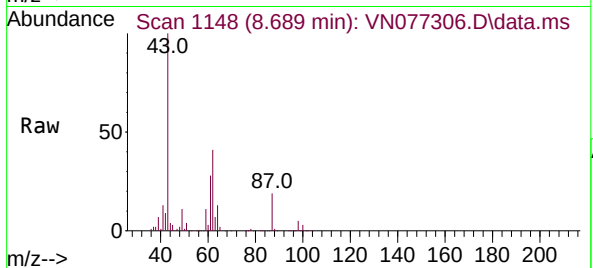
Tgt Ion:	43	Resp:	647834
Ion Ratio	Lower	Upper	
43	100		
61	30.0	22.7	34.1
87	17.9	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#44

Trichloroethene

Concen: 47.533 ug/l

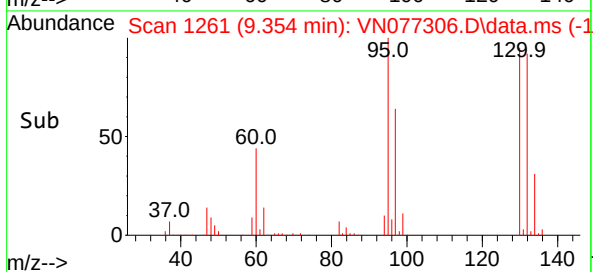
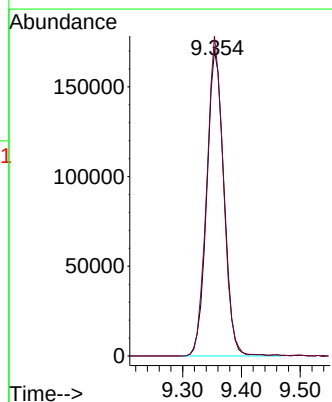
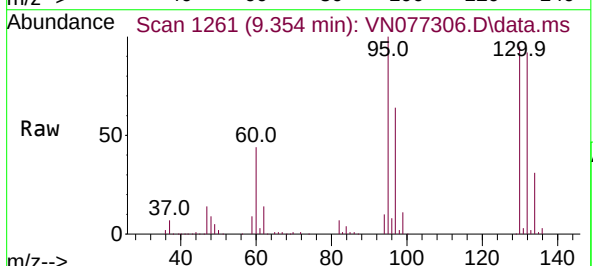
RT: 9.354 min Scan# 1261

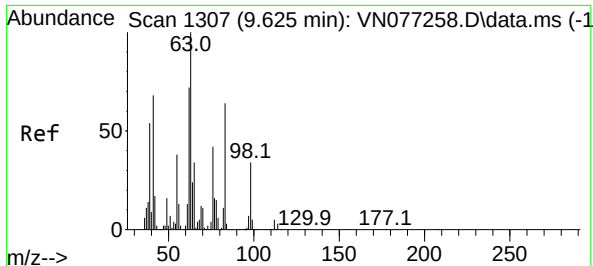
Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Tgt Ion:	130	Resp:	345688
Ion Ratio	Lower	Upper	
130	100		
95	104.7	0.0	200.2





#45

1,2-Dichloropropane

Concen: 47.840 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 345338

Ion Ratio Lower Upper

63 100

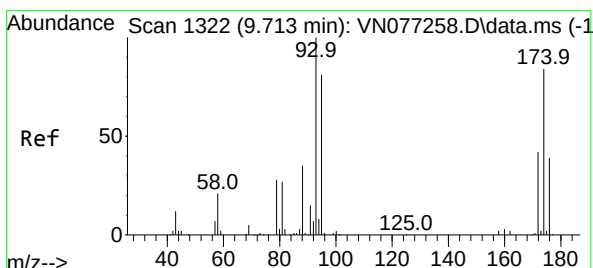
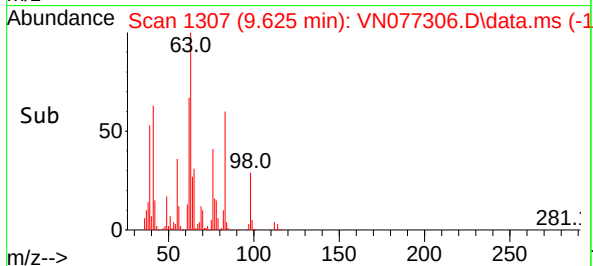
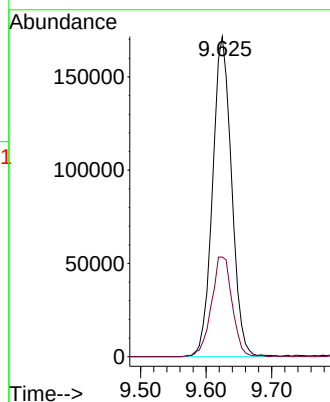
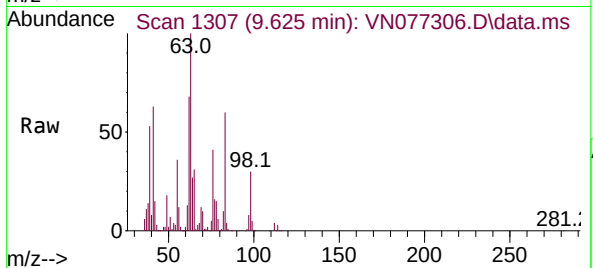
65 31.1 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#46

Dibromomethane

Concen: 46.619 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

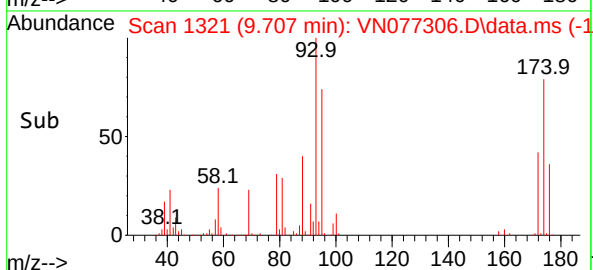
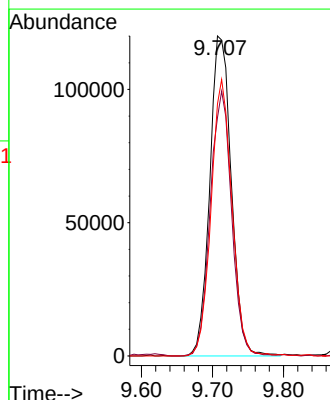
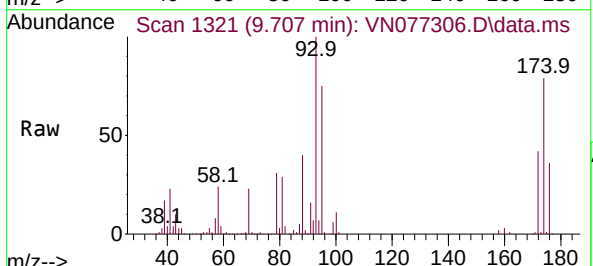
Tgt Ion: 93 Resp: 253548

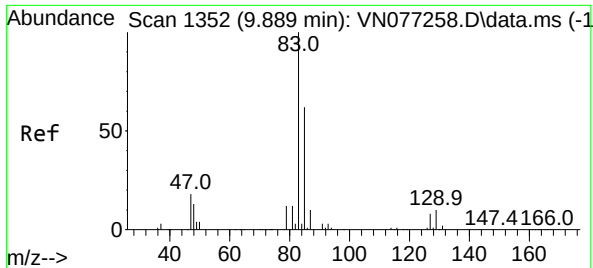
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

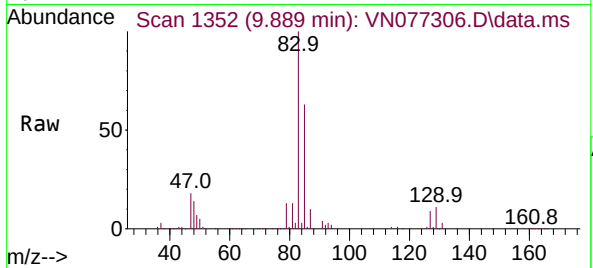
174 83.7 66.0 99.0





#47
Bromodichloromethane
Concen: 47.088 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

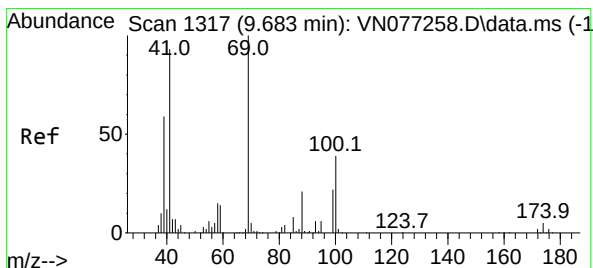
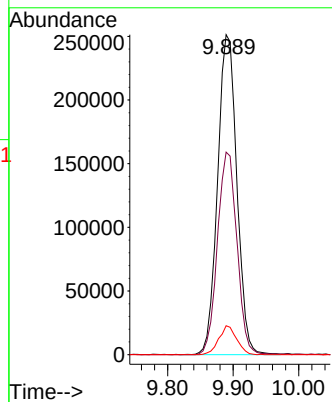
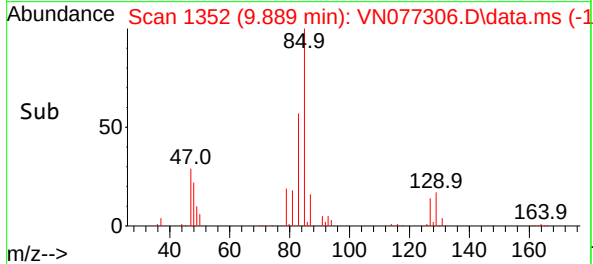
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 511875
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.8
127 9.1 6.2 9.2

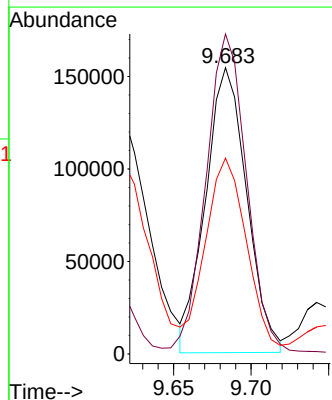
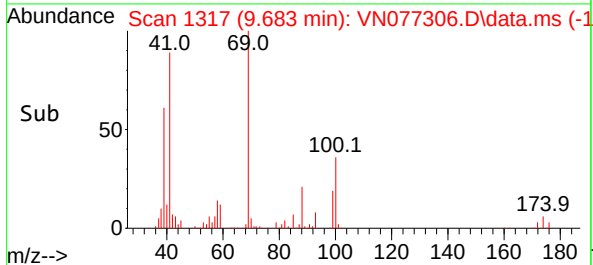
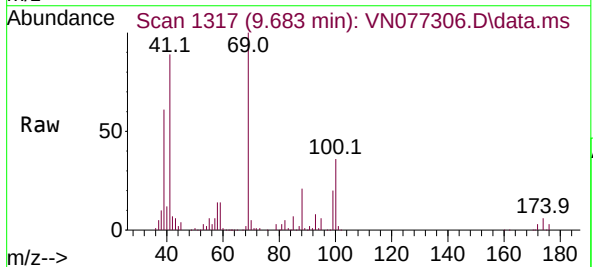
Manual Integrations
APPROVED

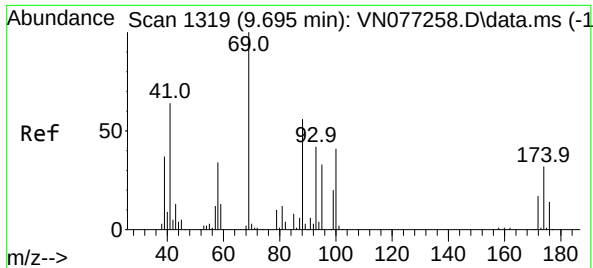
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#48
Methyl methacrylate
Concen: 41.442 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

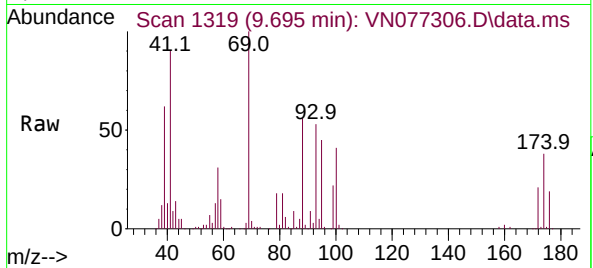
Tgt Ion: 41 Resp: 284413
Ion Ratio Lower Upper
41 100
69 111.7 85.0 127.6
39 69.4 53.5 80.3





#49
1,4-Dioxane
Concen: 765.073 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

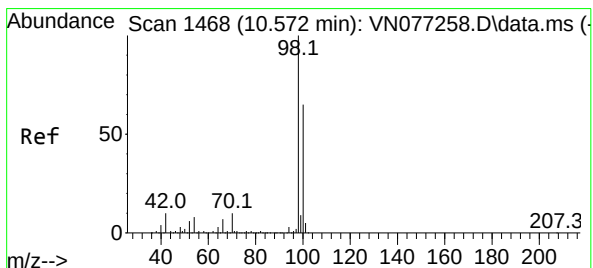
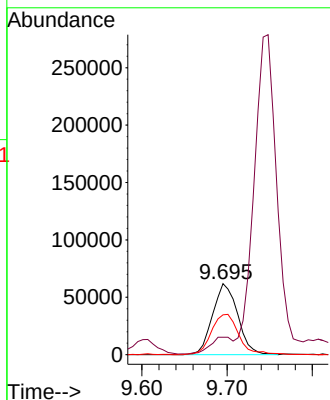
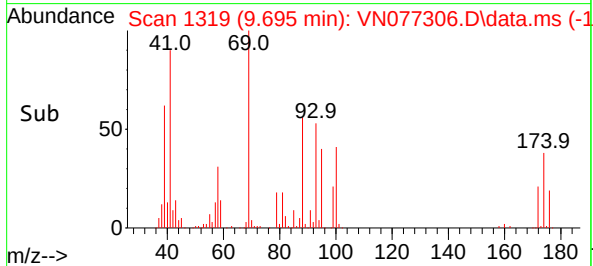
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



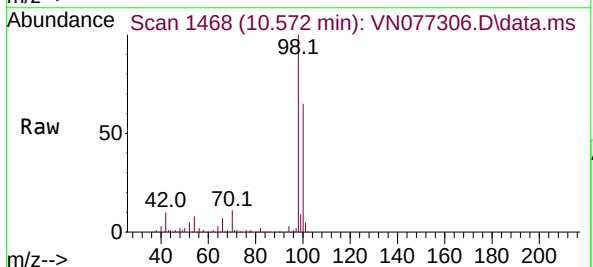
Tgt Ion: 88 Resp: 127298
Ion Ratio Lower Upper
88 100
43 21.0 17.0 25.6
58 61.8 49.8 74.6

Manual Integrations
APPROVED

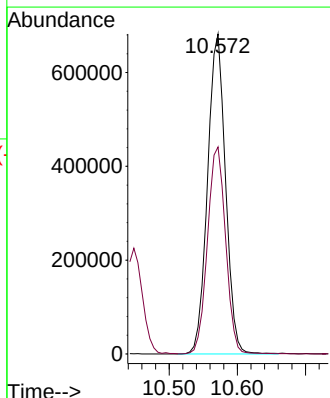
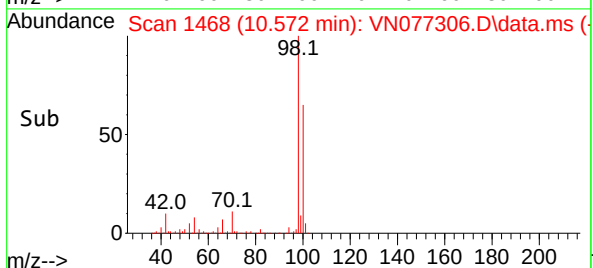
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

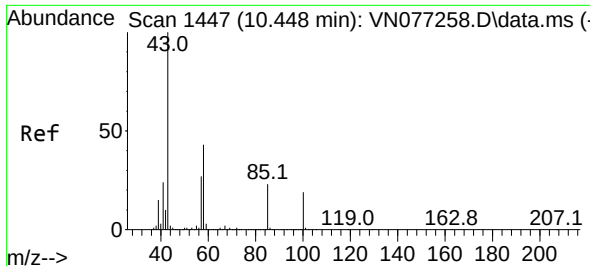


#50
Toluene-d8
Concen: 47.185 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



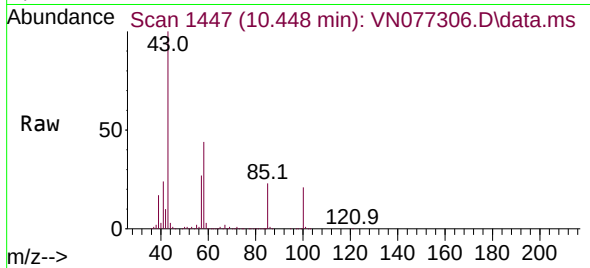
Tgt Ion: 98 Resp: 1251501
Ion Ratio Lower Upper
98 100
100 65.4 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 206.519 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

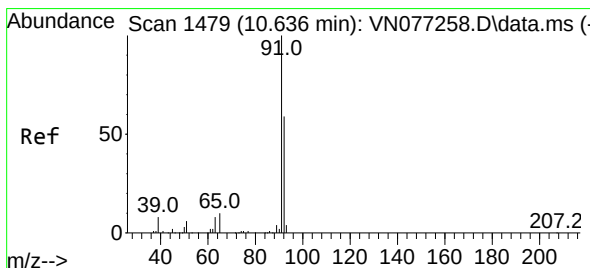
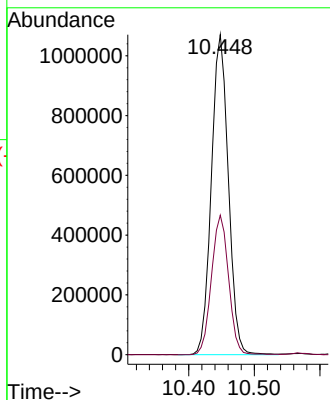
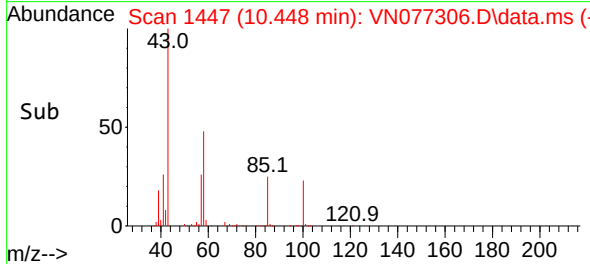
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1920430
Ion Ratio Lower Upper
43 100
58 44.0 34.6 52.0

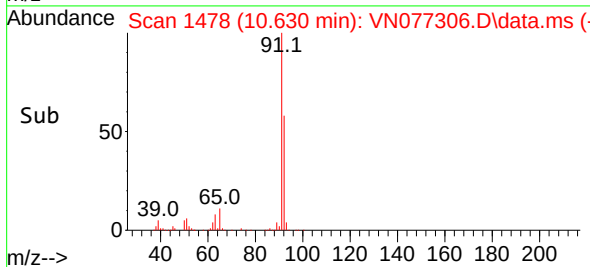
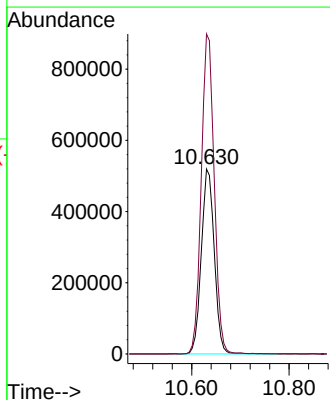
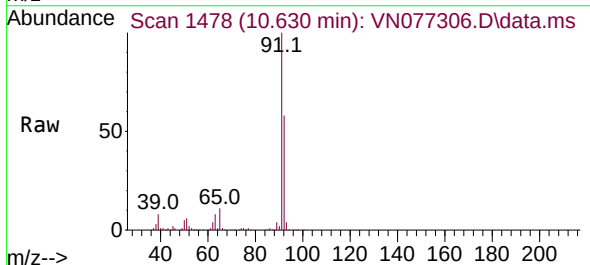
Manual Integrations
APPROVED

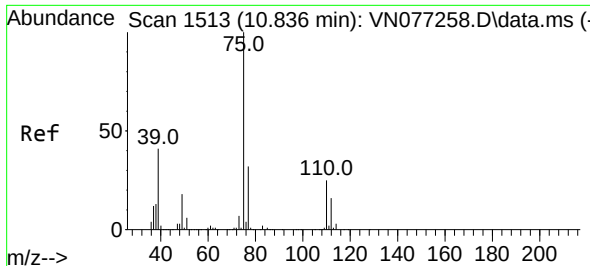
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#52
Toluene
Concen: 48.198 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 92 Resp: 958878
Ion Ratio Lower Upper
92 100
91 172.4 138.0 207.0





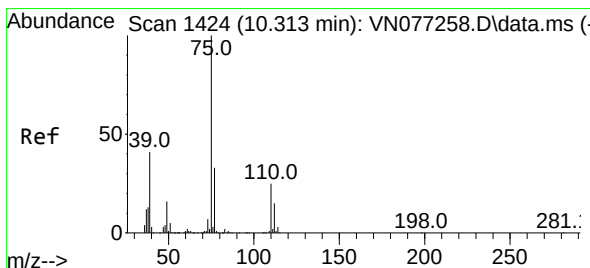
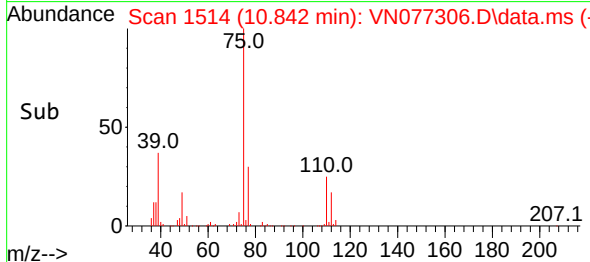
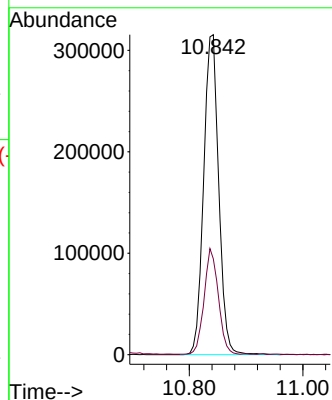
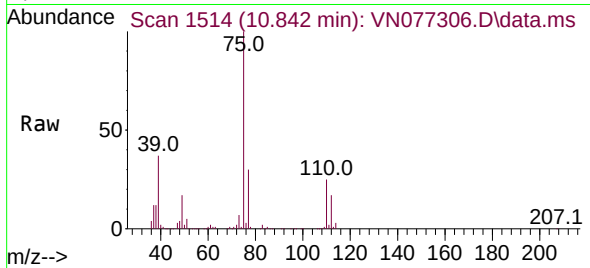
#53
t-1,3-Dichloropropene
Concen: 49.052 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 579024
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0

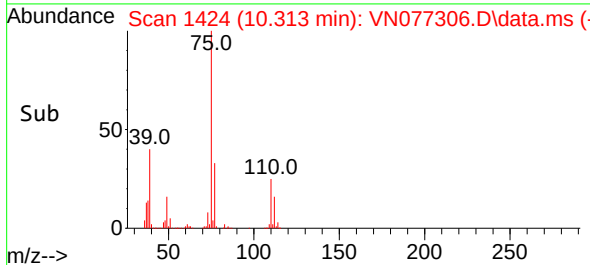
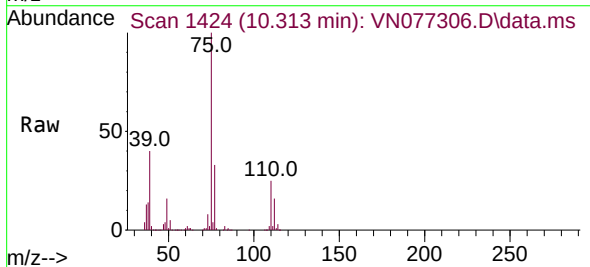
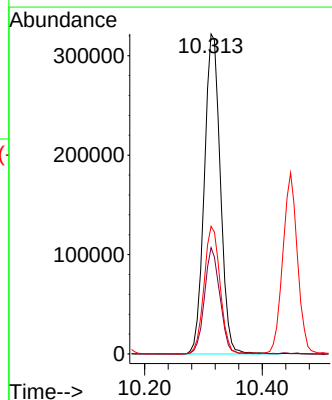
Manual Integrations
APPROVED

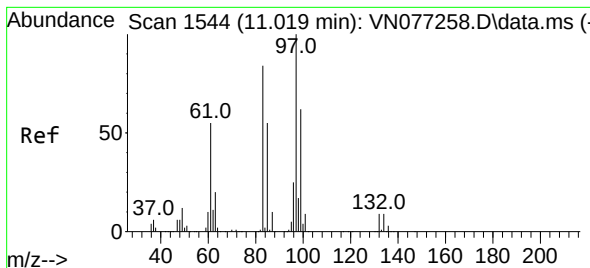
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#54
cis-1,3-Dichloropropene
Concen: 48.403 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

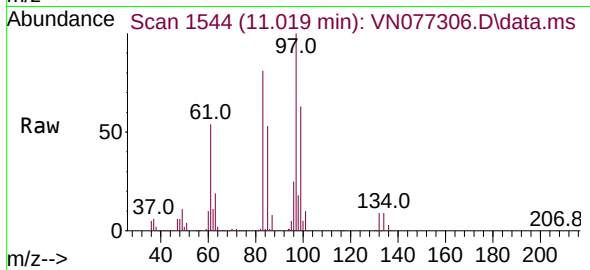
Tgt Ion: 75 Resp: 608608
Ion Ratio Lower Upper
75 100
77 33.2 26.7 40.1
39 39.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 46.912 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

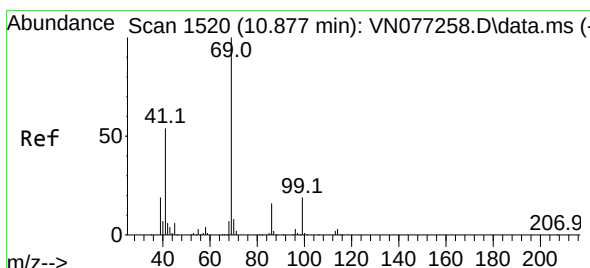
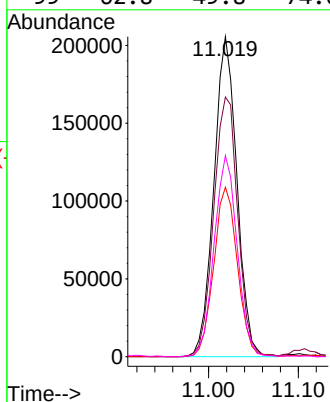
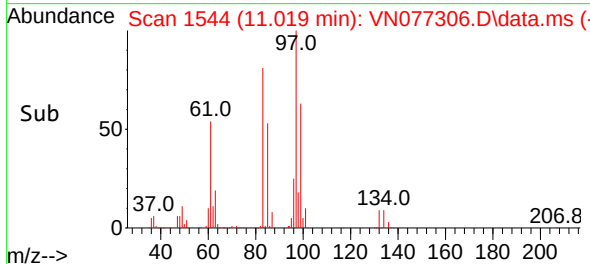
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



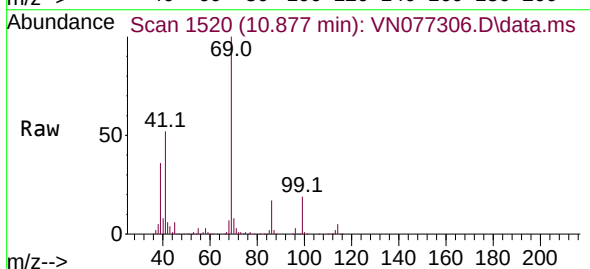
Tgt Ion: 97 Resp: 366354
Ion Ratio Lower Upper
97 100
83 81.2 67.4 101.2
85 53.0 44.1 66.1
99 62.8 49.8 74.6

Manual Integrations
APPROVED

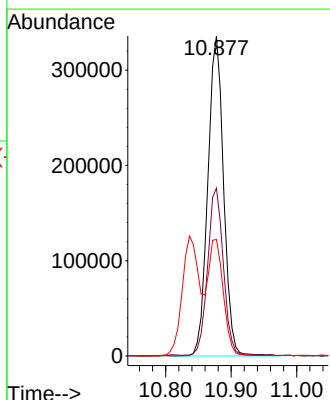
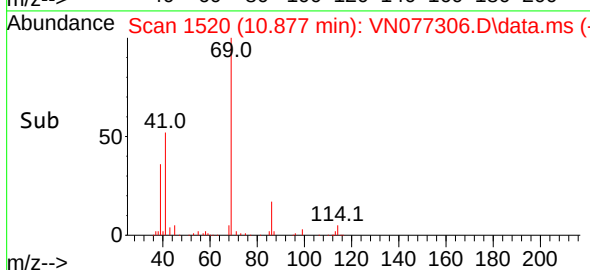
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

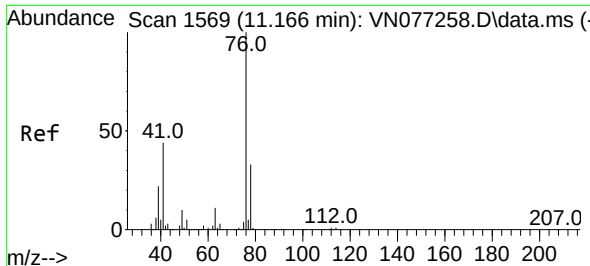


#56
Ethyl methacrylate
Concen: 46.160 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



Tgt Ion: 69 Resp: 561484
Ion Ratio Lower Upper
69 100
41 51.8 42.8 64.2
39 33.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 47.774 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 616384

Ion Ratio Lower Upper

76 100

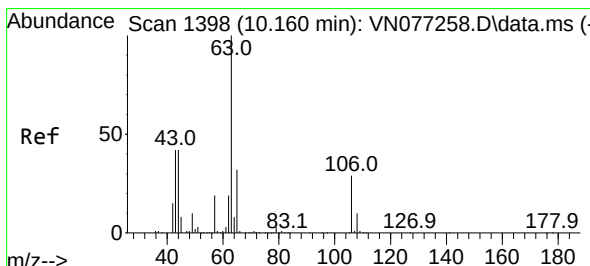
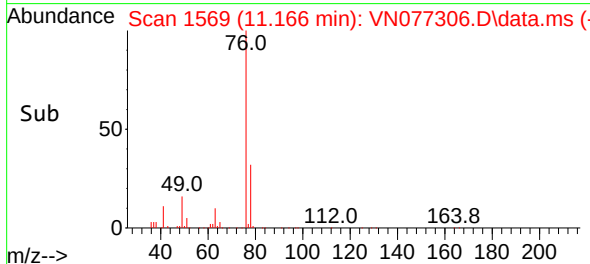
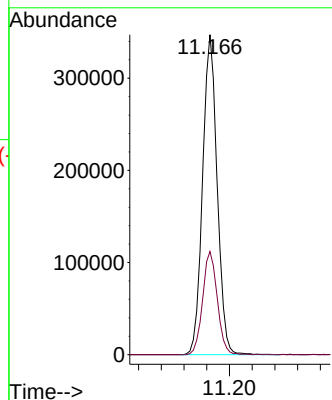
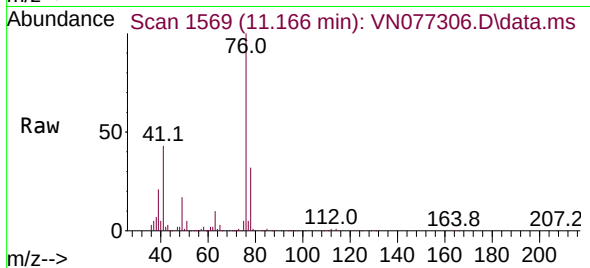
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 225.315 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077306.D

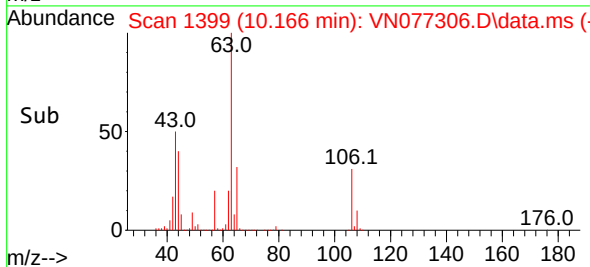
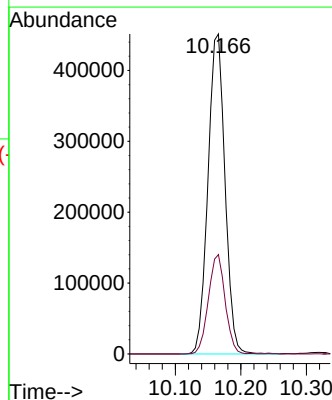
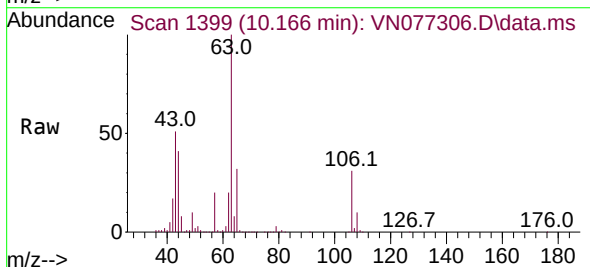
Acq: 12 Apr 2023 10:19

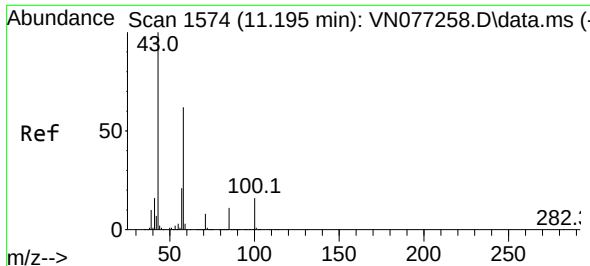
Tgt Ion: 63 Resp: 815850

Ion Ratio Lower Upper

63 100

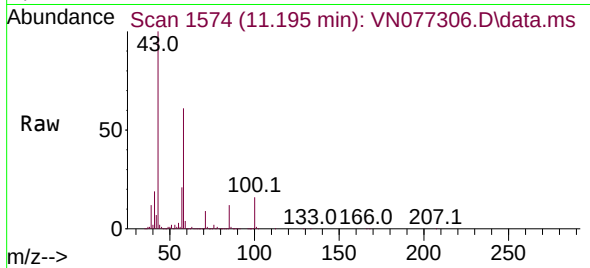
106 30.6 24.1 36.1





#59
2-Hexanone
Concen: 204.652 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

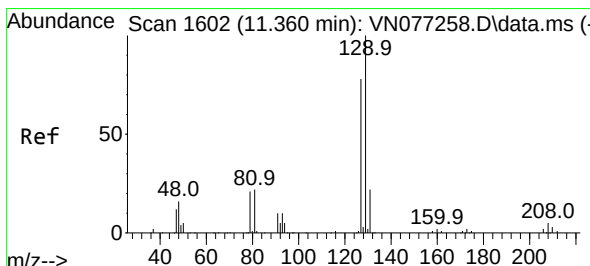
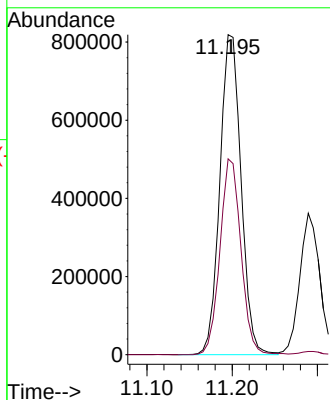
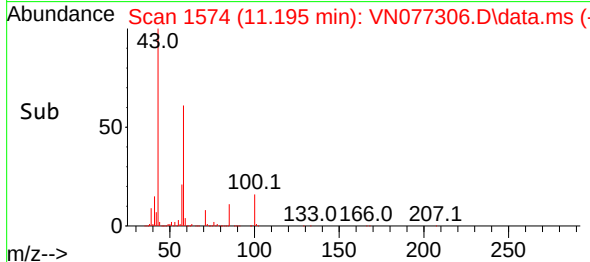
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1417789
Ion Ratio Lower Upper
43 100
58 60.6 30.9 92.5

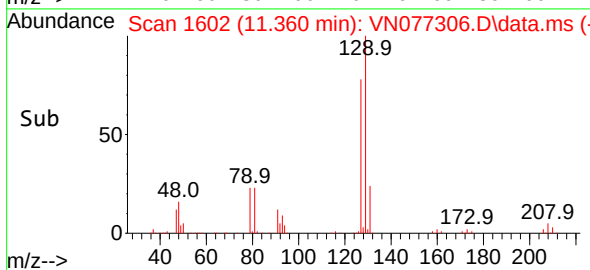
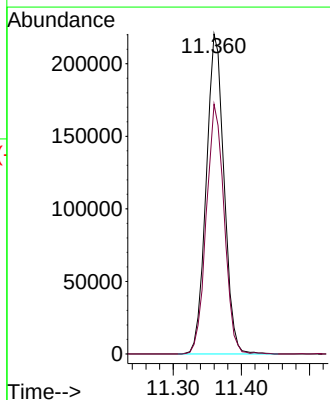
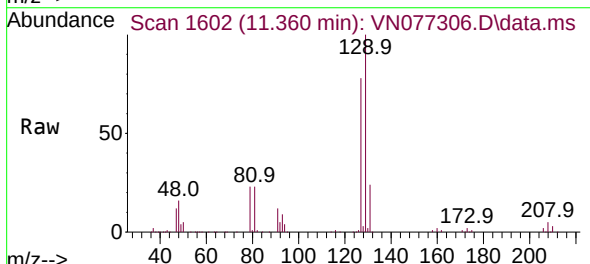
Manual Integrations
APPROVED

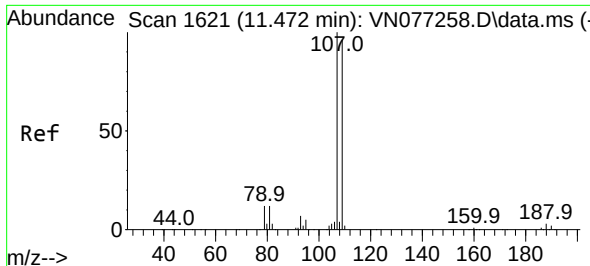
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#60
Dibromochloromethane
Concen: 49.822 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

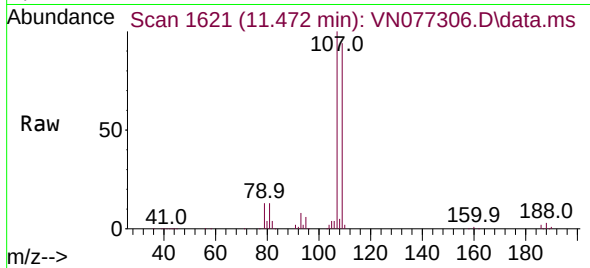
Tgt Ion:129 Resp: 400722
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





#61
1,2-Dibromoethane
Concen: 48.385 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

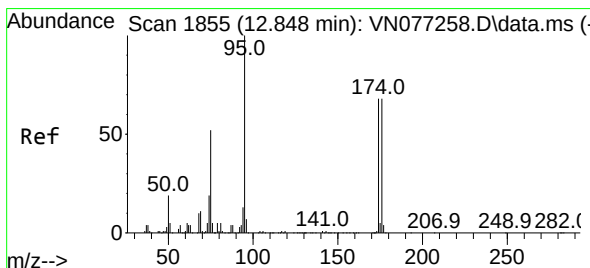
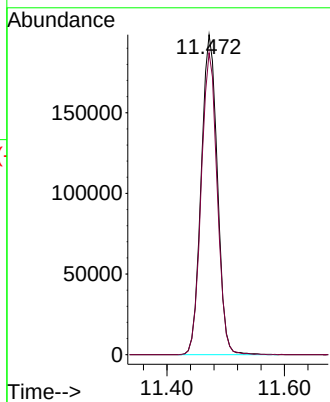
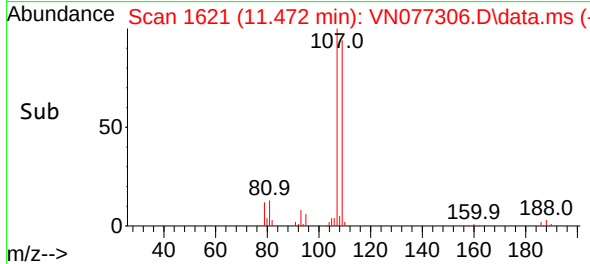
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



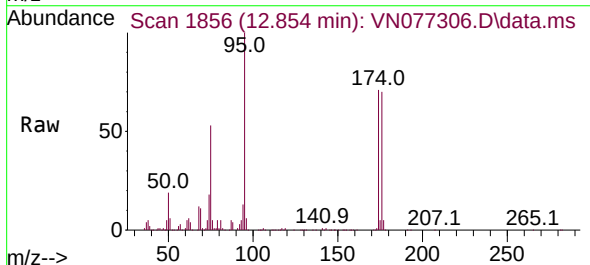
Tgt Ion: 107 Resp: 377148
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

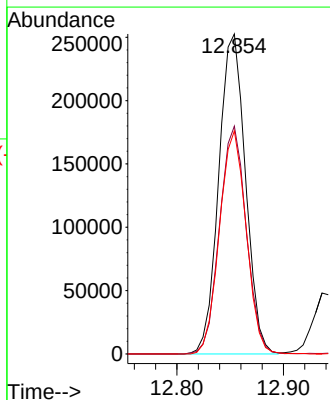
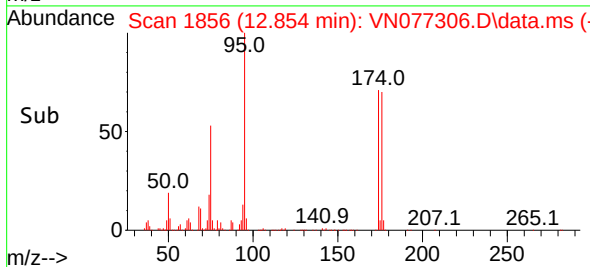
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

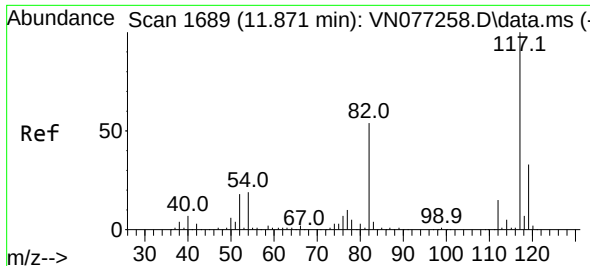


#62
4-Bromofluorobenzene
Concen: 49.915 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



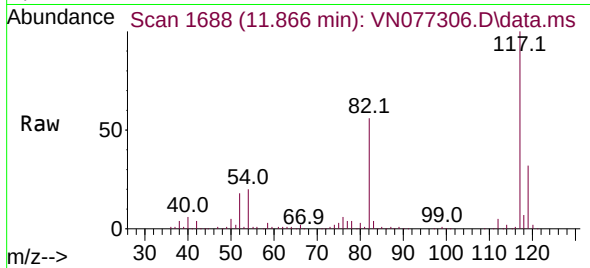
Tgt Ion: 95 Resp: 440318
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.8
176 69.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

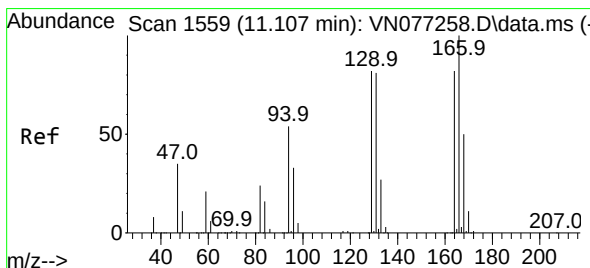
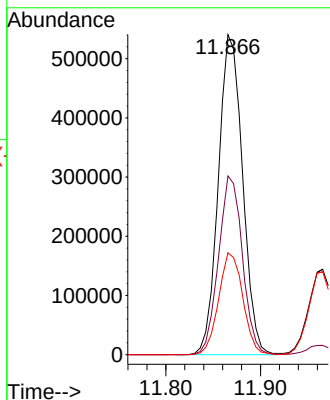
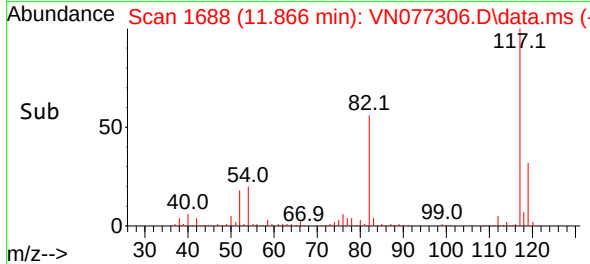
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 960819
Ion Ratio Lower Upper
117 100
82 55.9 42.9 64.3
119 31.9 26.2 39.4

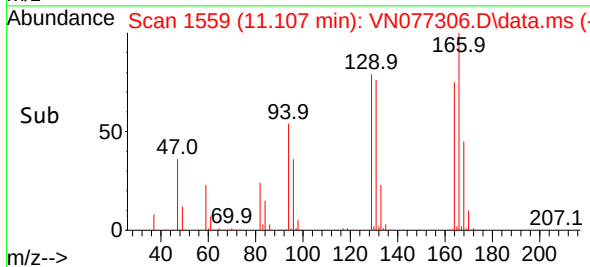
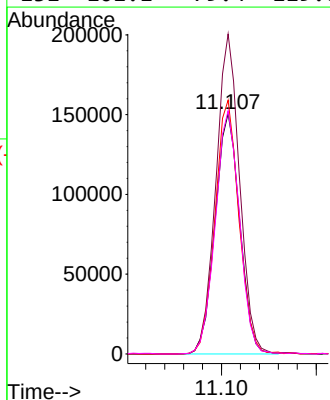
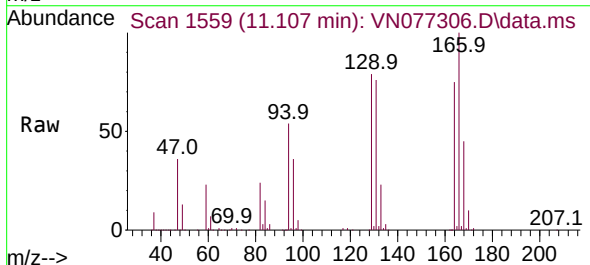
Manual Integrations
APPROVED

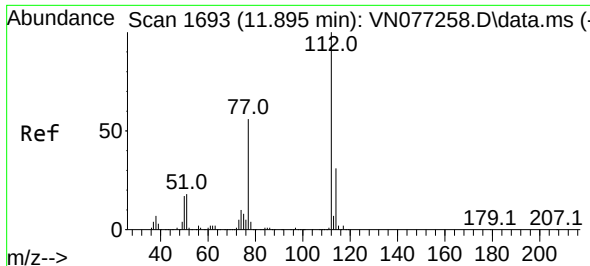
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#64
Tetrachloroethene
Concen: 45.779 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

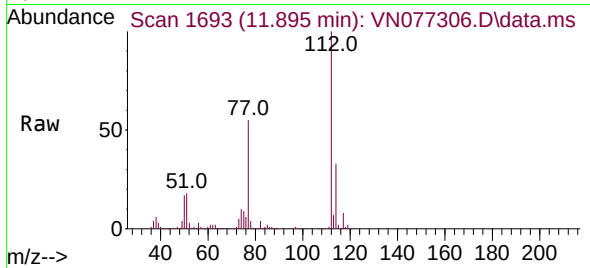
Tgt Ion:164 Resp: 271720
Ion Ratio Lower Upper
164 100
166 133.0 97.8 146.6
129 105.5 80.1 120.1
131 101.1 79.4 119.0





#65
Chlorobenzene
Concen: 47.751 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

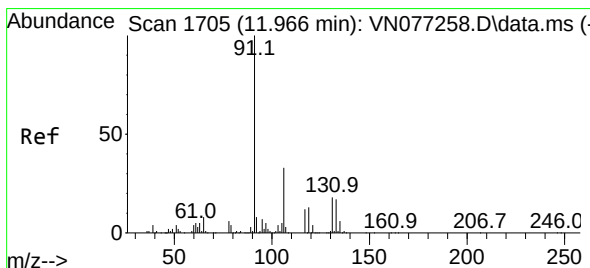
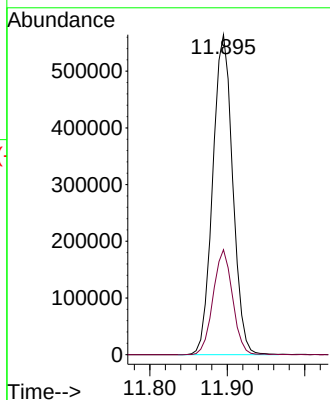
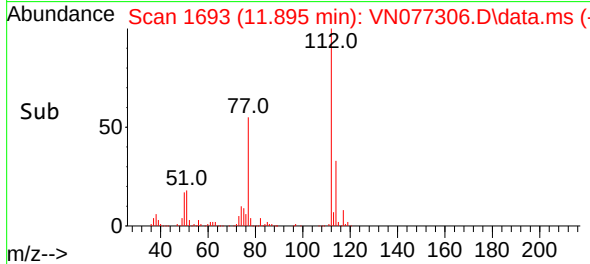
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



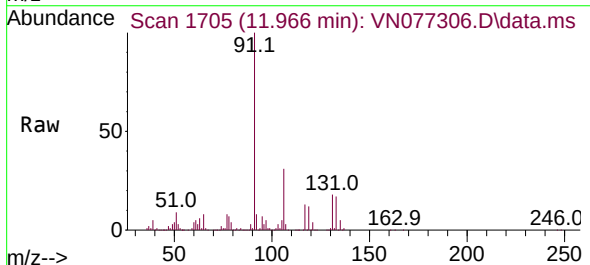
Tgt Ion:112 Resp: 101011
Ion Ratio Lower Upper
112 100
114 32.8 24.6 36.8

Manual Integrations
APPROVED

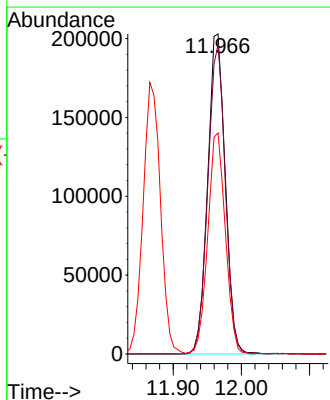
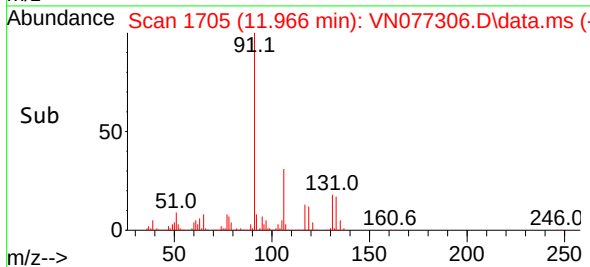
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

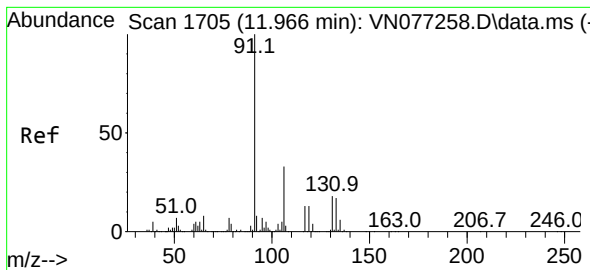


#66
1,1,1,2-Tetrachloroethane
Concen: 45.487 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



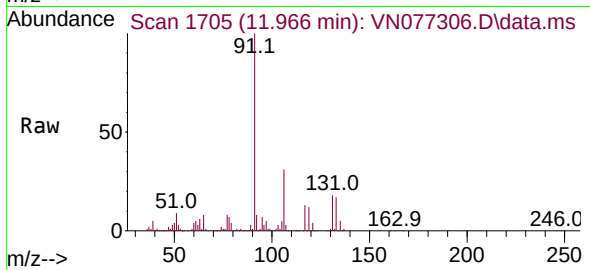
Tgt Ion:131 Resp: 364075
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.6
119 69.1 34.0 102.0





#67
Ethyl Benzene
Concen: 48.040 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

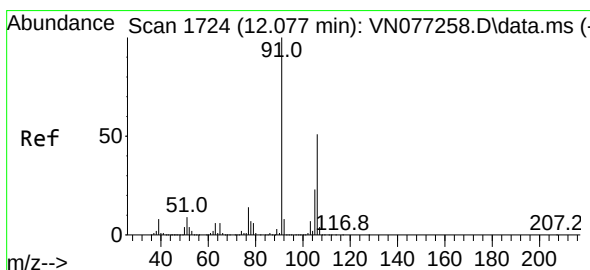
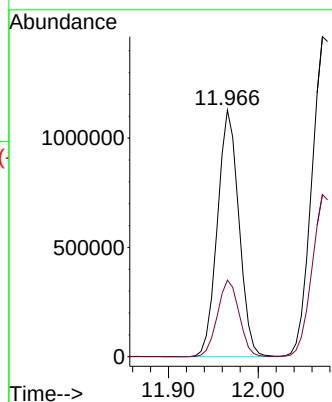
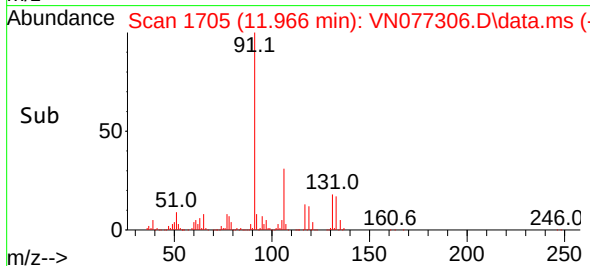
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



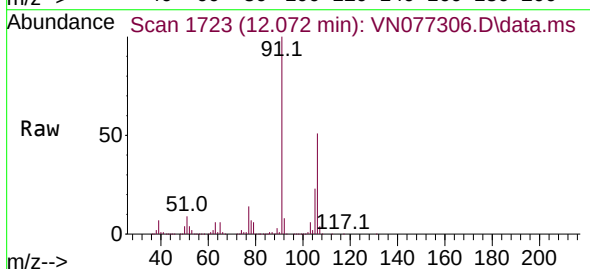
Tgt Ion: 91 Resp: 1875233
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2

Manual Integrations
APPROVED

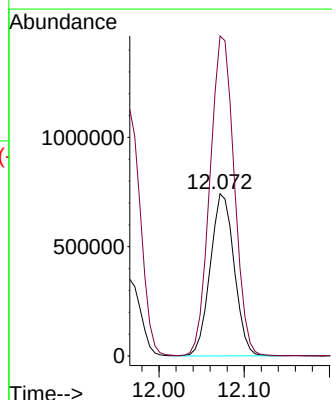
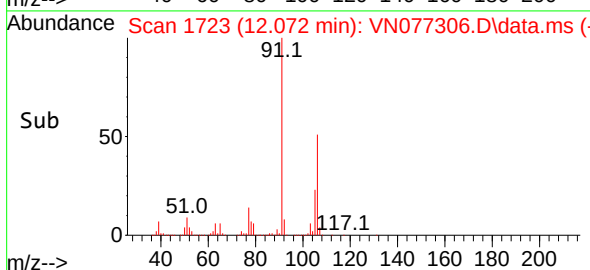
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

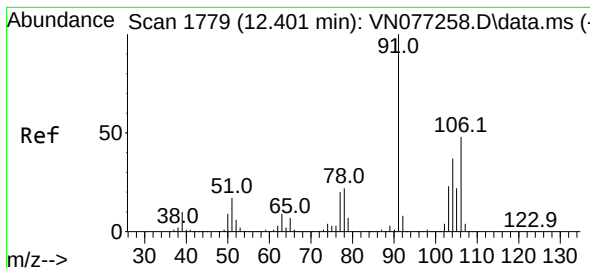


#68
m/p-Xylenes
Concen: 94.535 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



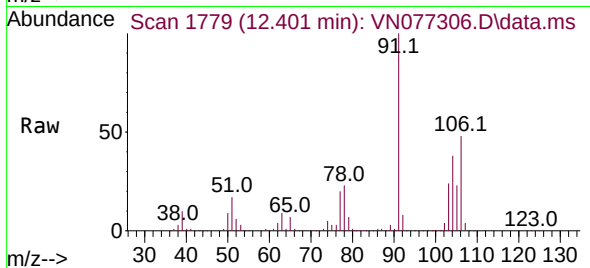
Tgt Ion:106 Resp: 1449944
Ion Ratio Lower Upper
106 100
91 200.5 158.7 238.1





#69
o-Xylene
Concen: 47.413 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

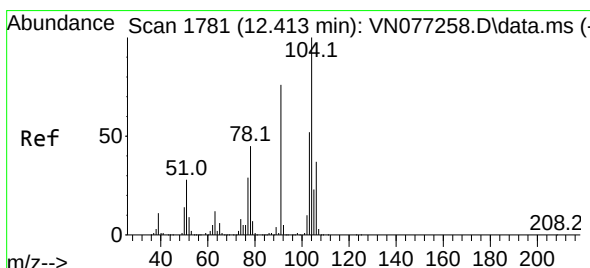
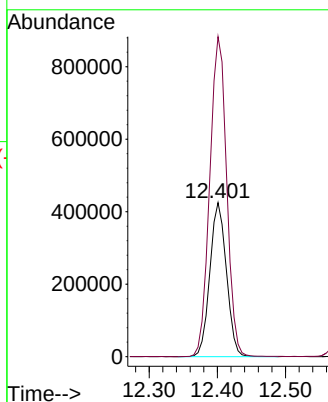
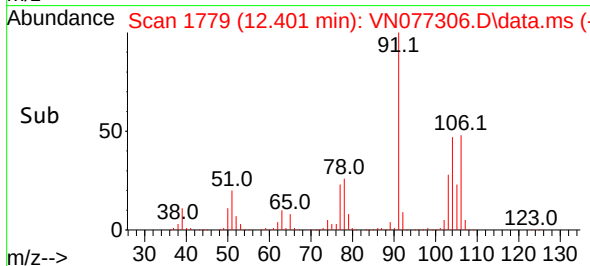
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 717400
Ion Ratio Lower Upper
106 100
91 212.7 104.0 312.0

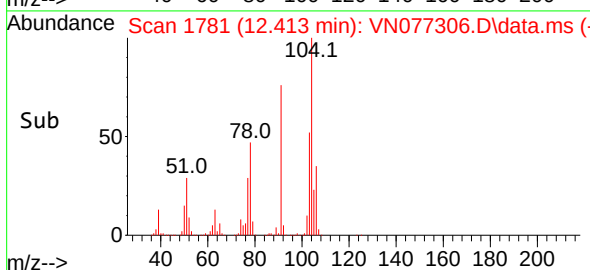
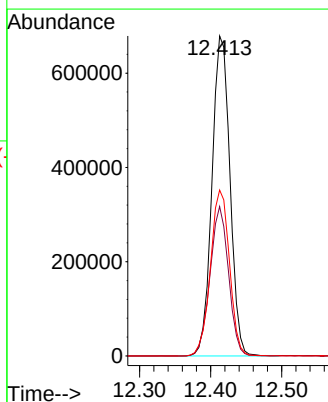
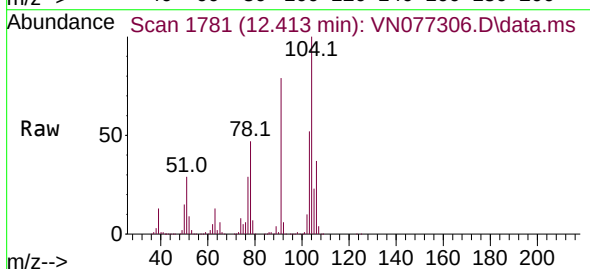
Manual Integrations
APPROVED

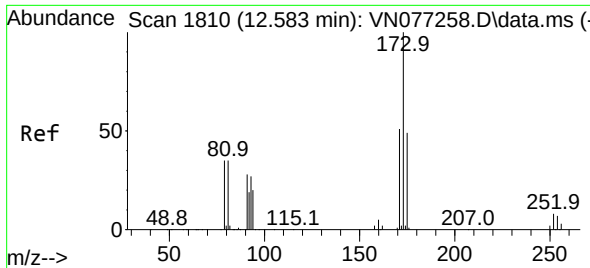
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#70
Styrene
Concen: 48.993 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

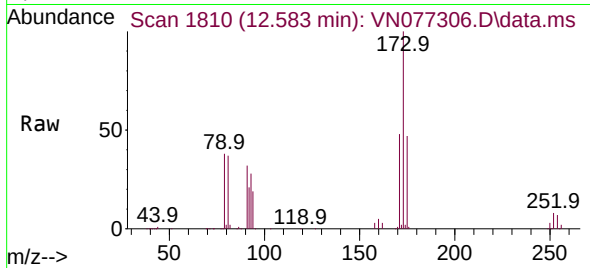
Tgt Ion:104 Resp: 1192955
Ion Ratio Lower Upper
104 100
78 48.0 38.0 57.0
103 54.8 43.1 64.7





#71
Bromoform
Concen: 46.308 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

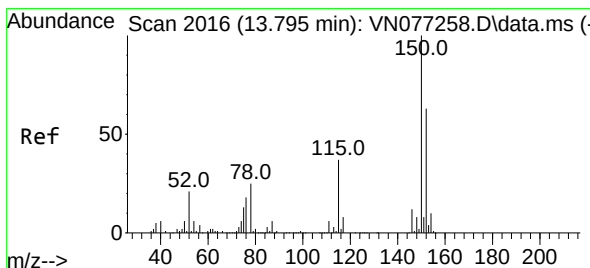
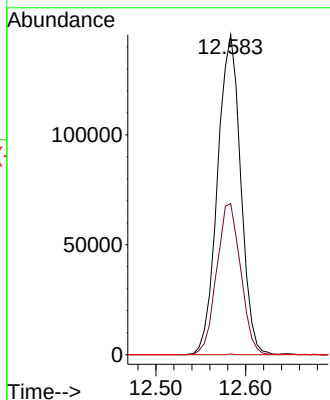
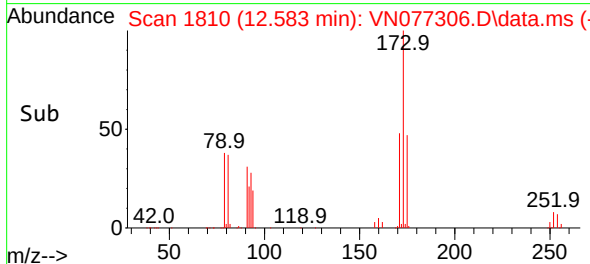
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



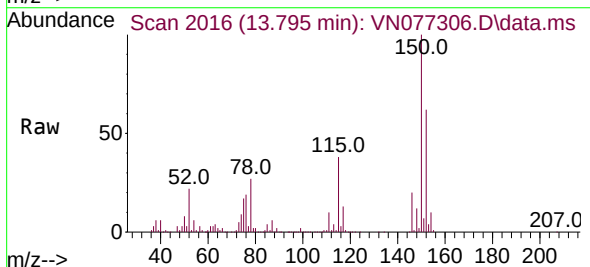
Tgt Ion:173 Resp: 26091
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

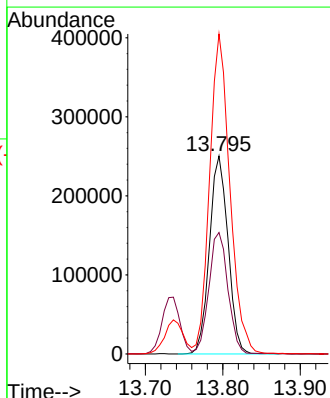
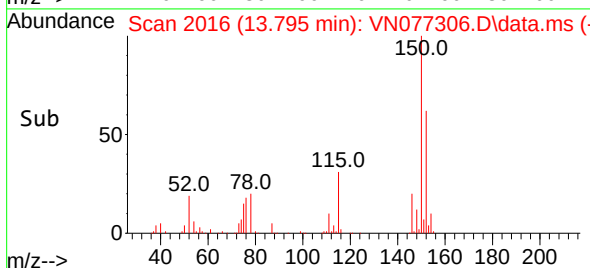
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

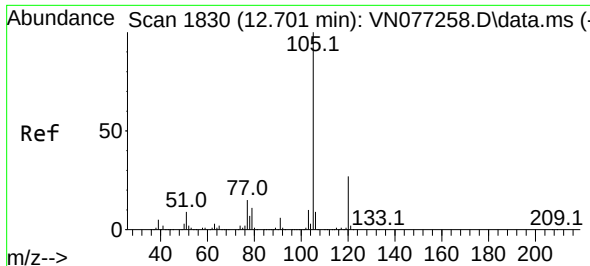


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



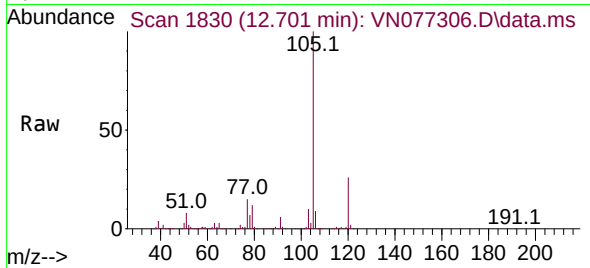
Tgt Ion:152 Resp: 418971
Ion Ratio Lower Upper
152 100
115 62.4 32.1 96.3
150 175.8 0.0 354.8





#73
Isopropylbenzene
Concen: 46.308 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

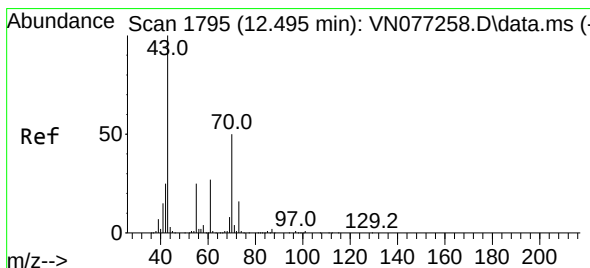
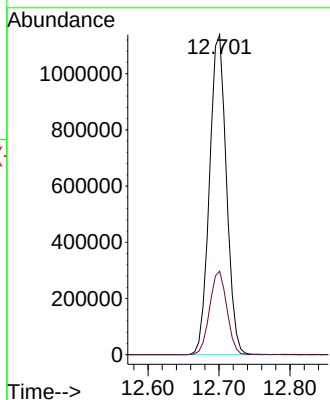
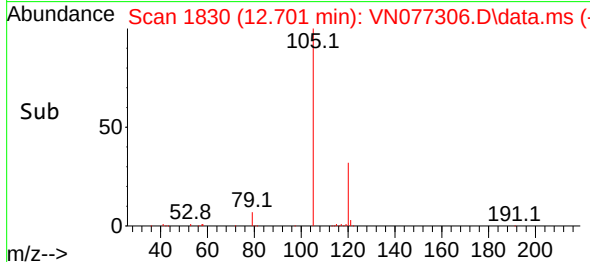
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



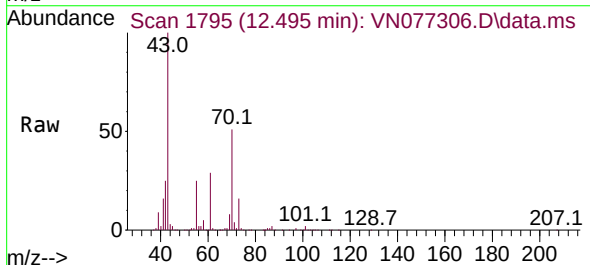
Tgt Ion:105 Resp: 188449
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

Manual Integrations
APPROVED

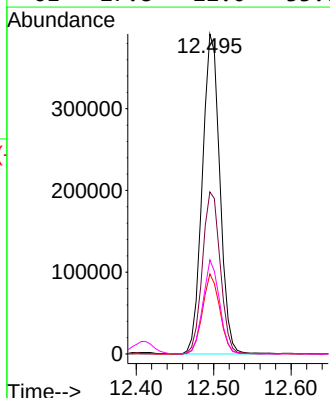
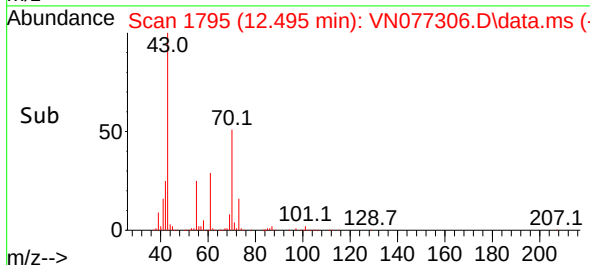
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

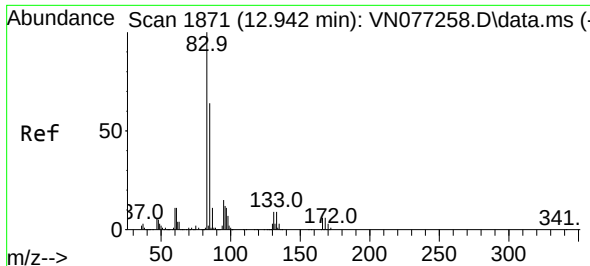


#74
N-ethyl acetate
Concen: 39.956 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



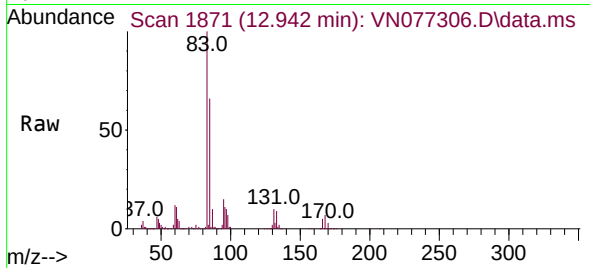
Tgt Ion: 43 Resp: 616194
Ion Ratio Lower Upper
43 100
70 51.4 41.0 61.6
55 24.6 19.3 28.9
61 27.8 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 42.515 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

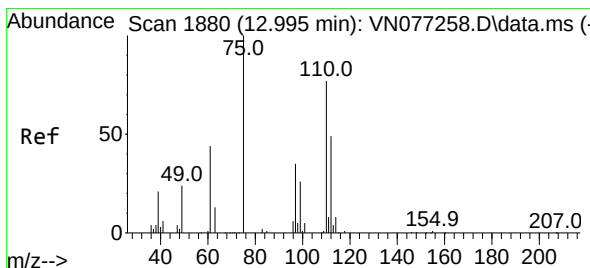
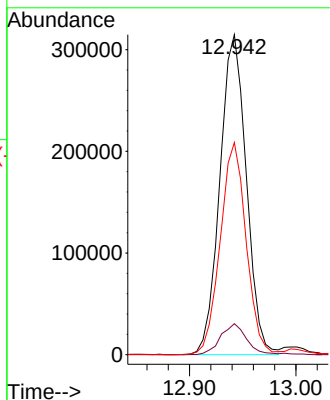
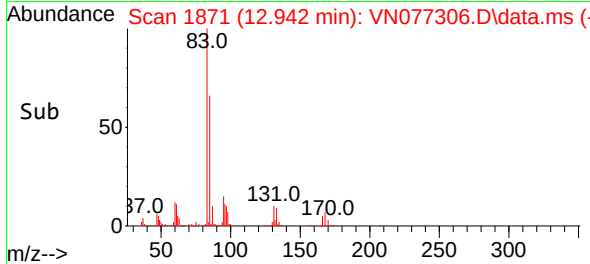
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 542958
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.0 32.1 96.3

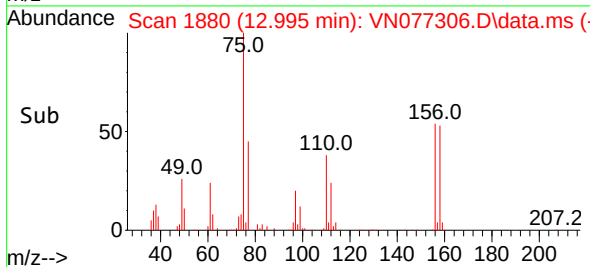
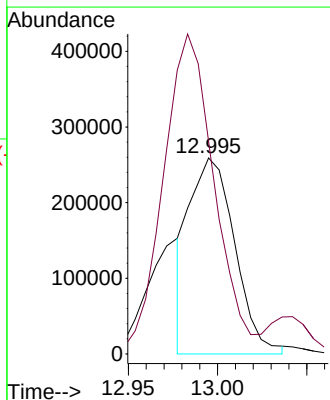
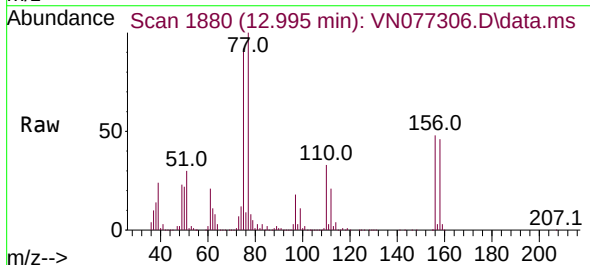
Manual Integrations
APPROVED

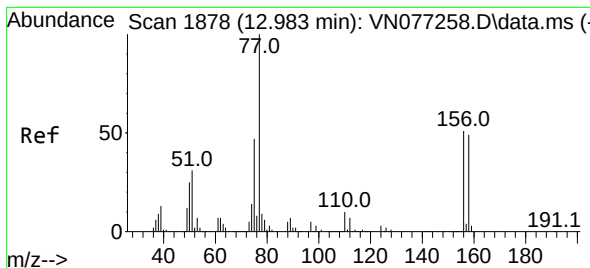
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#76
1,2,3-Trichloropropane
Concen: 46.021 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 75 Resp: 459141
Ion Ratio Lower Upper
75 100
77 182.3 88.3 264.9





#77

Bromobenzene

Concen: 46.521 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 384938

Ion Ratio Lower Upper

156 100

77 217.4 115.3 345.8

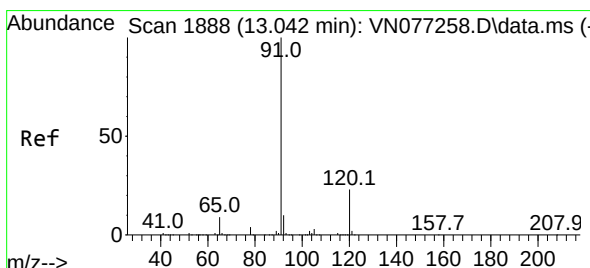
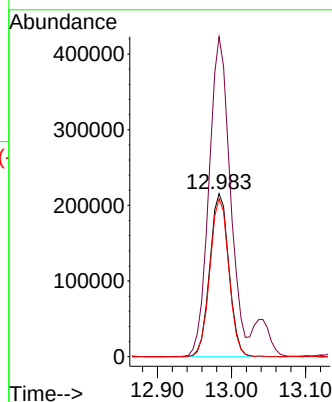
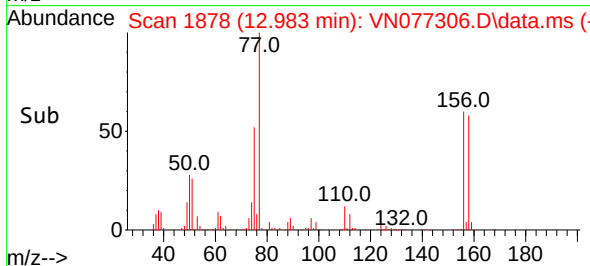
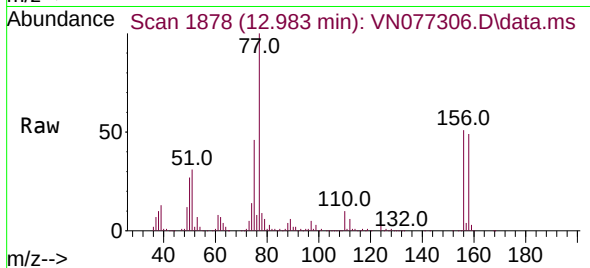
158 96.1 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#78

n-propylbenzene

Concen: 47.712 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.000 min

Lab File: VN077306.D

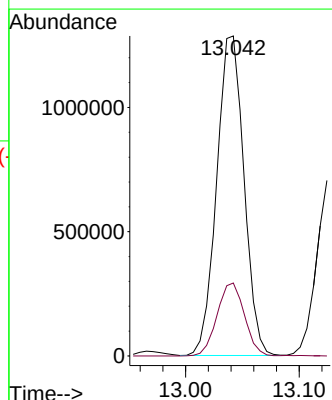
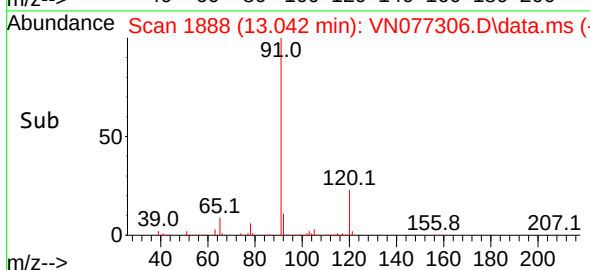
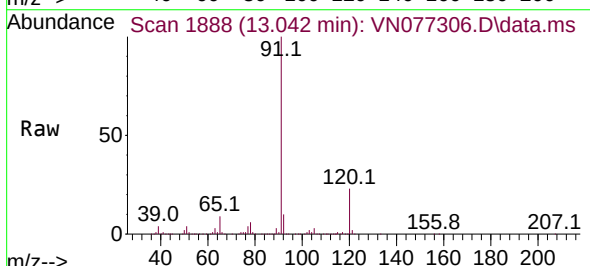
Acq: 12 Apr 2023 10:19

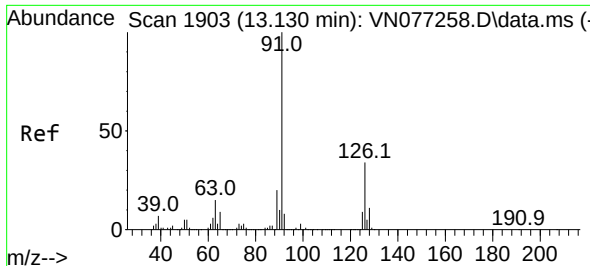
Tgt Ion: 91 Resp: 2145329

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5





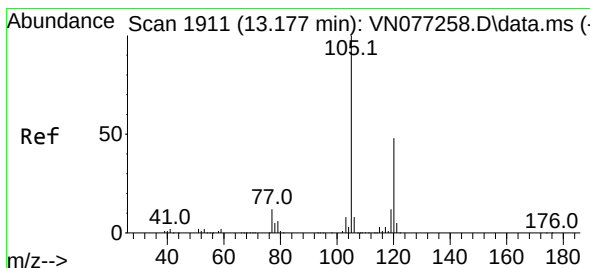
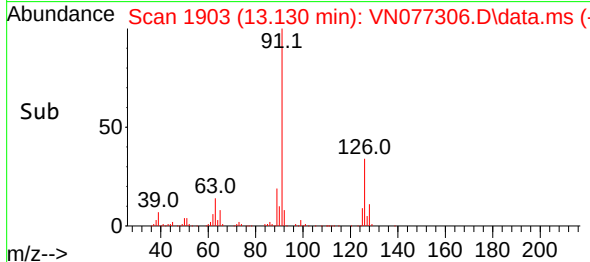
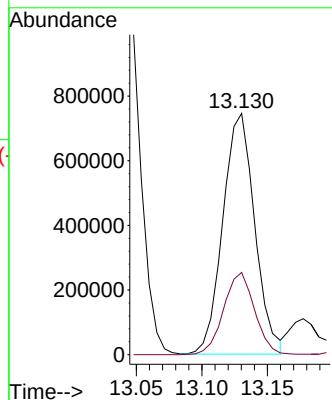
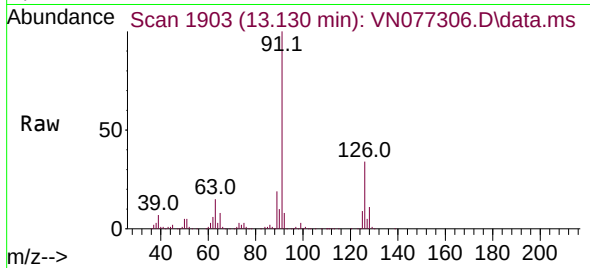
#79
2-Chlorotoluene
Concen: 46.530 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 125977
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4

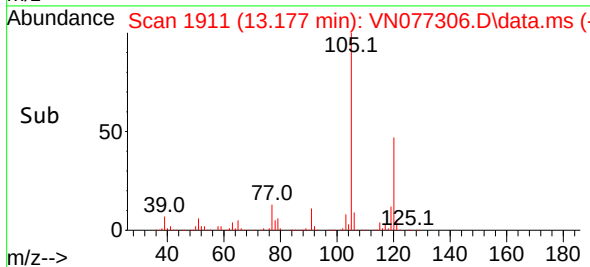
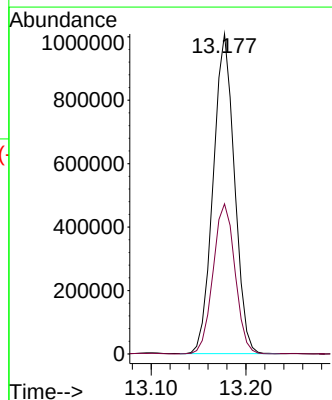
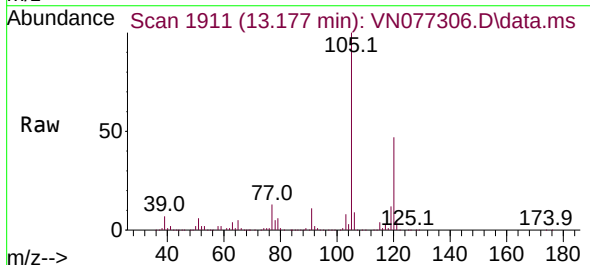
Manual Integrations
APPROVED

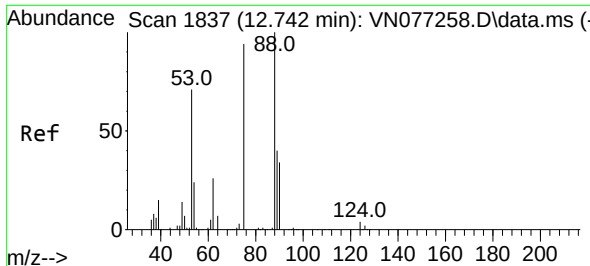
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.300 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

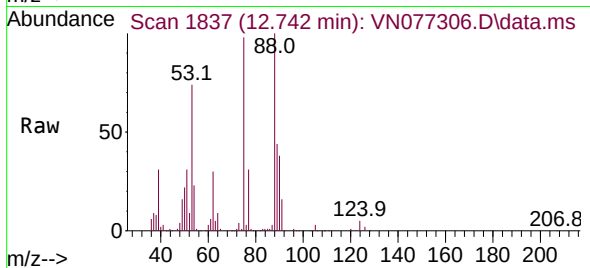
Tgt Ion:105 Resp: 1569897
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 42.562 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

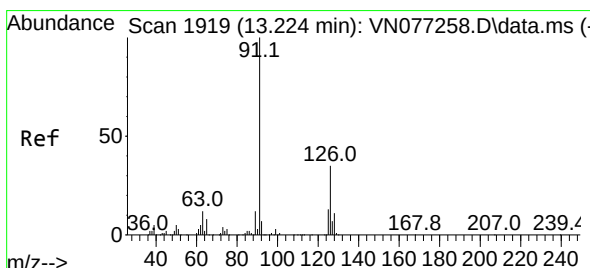
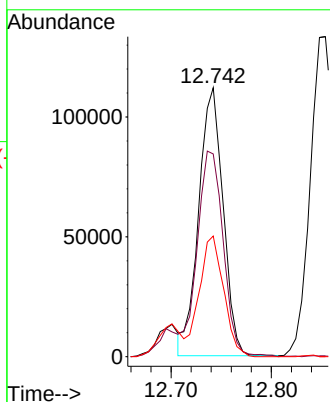
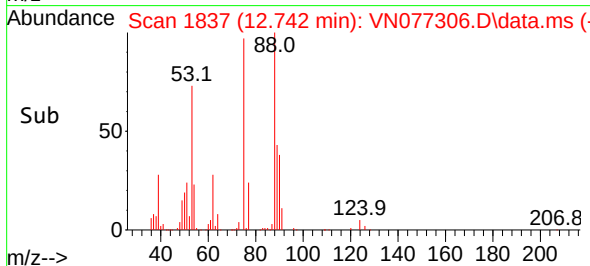
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 188697
Ion Ratio Lower Upper
75 100
53 90.9 72.8 109.2
89 45.0 37.4 56.2

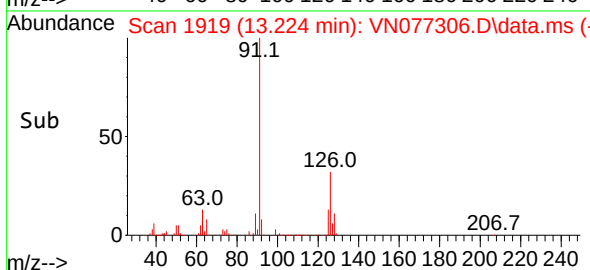
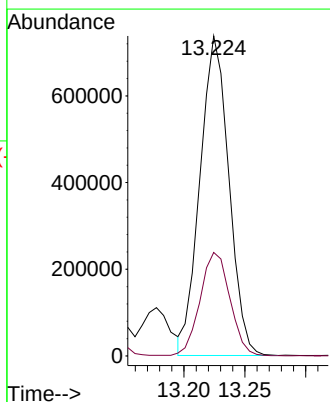
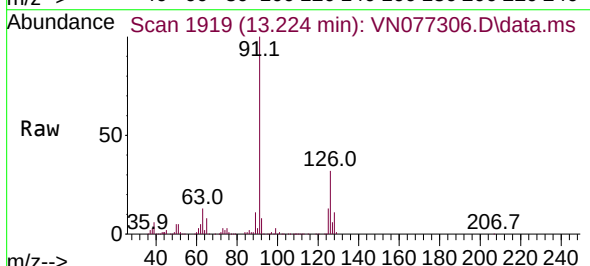
Manual Integrations
APPROVED

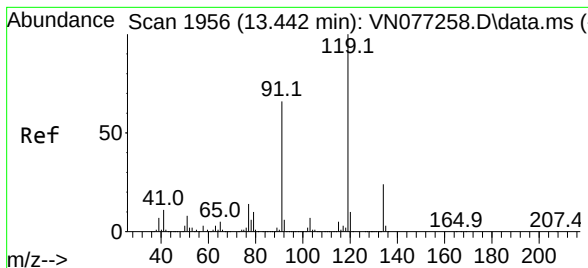
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#82
4-Chlorotoluene
Concen: 47.667 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

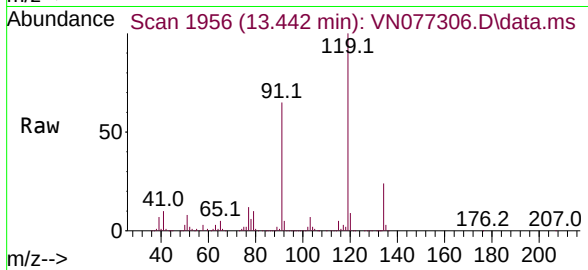
Tgt Ion: 91 Resp: 1216785
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 46.015 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

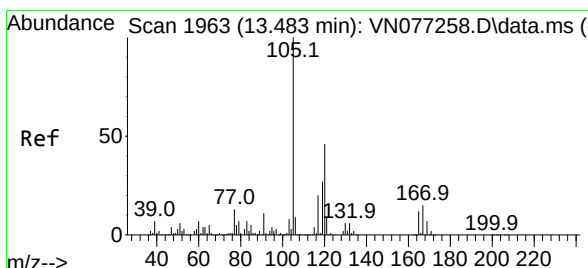
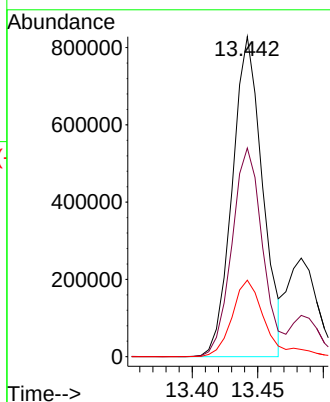
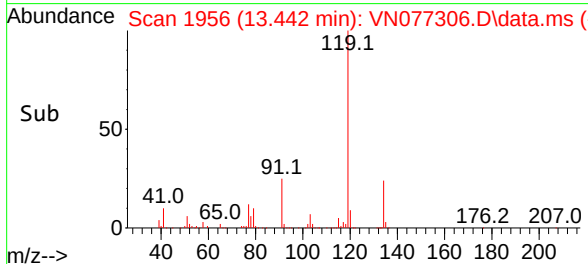
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



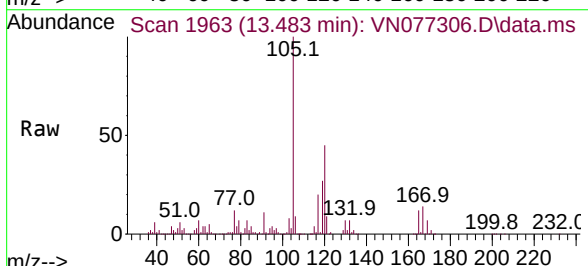
Tgt Ion:119 Resp: 1331248
Ion Ratio Lower Upper
119 100
91 66.8 33.5 100.4
134 26.3 13.3 39.9

Manual Integrations
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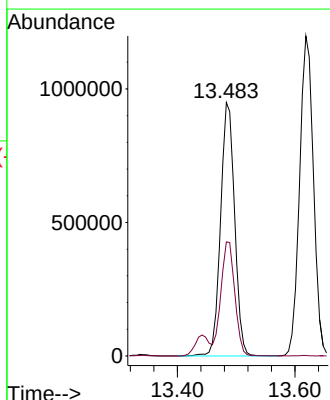
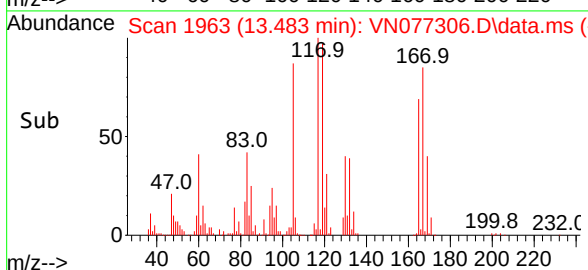
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

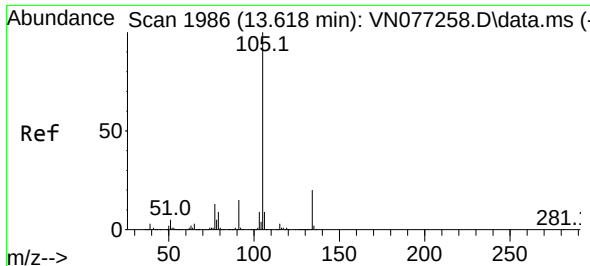


#84
1,2,4-Trimethylbenzene
Concen: 48.956 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



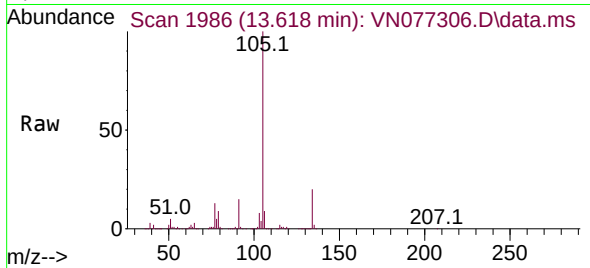
Tgt Ion:105 Resp: 1572027
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 48.675 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19

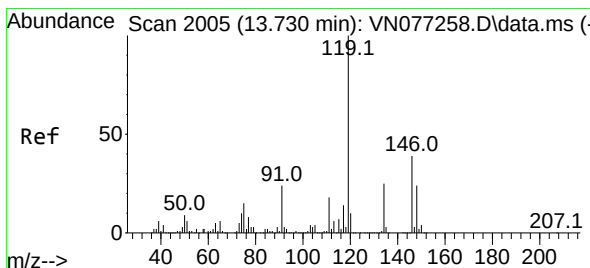
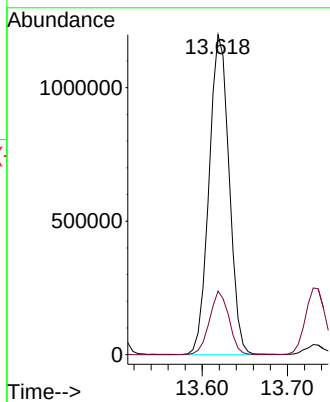
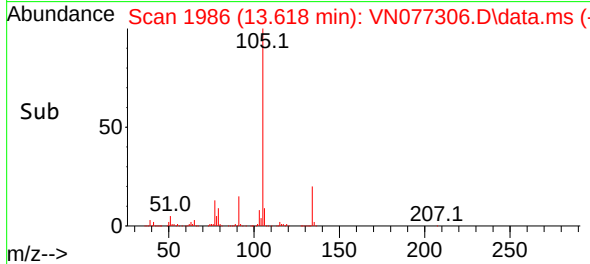
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



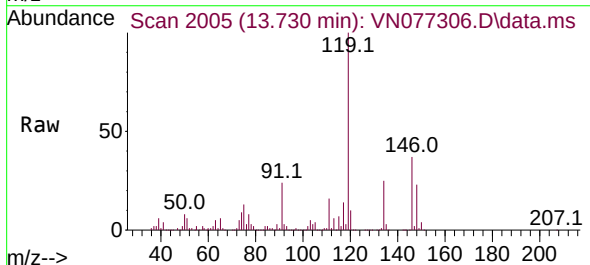
Tgt Ion:105 Resp: 1962548
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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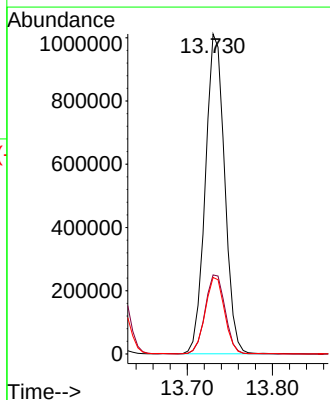
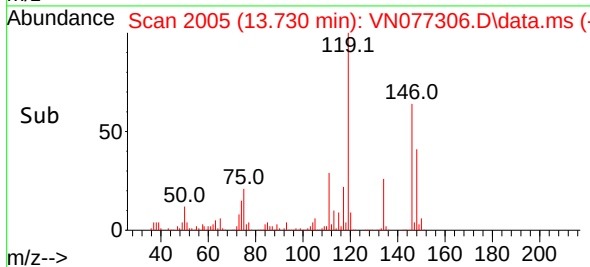
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

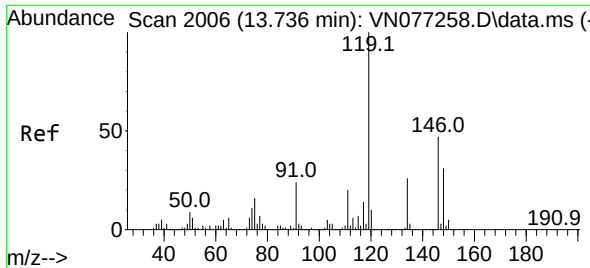


#86
 p-Isopropyltoluene
 Concen: 50.059 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077306.D
 Acq: 12 Apr 2023 10:19



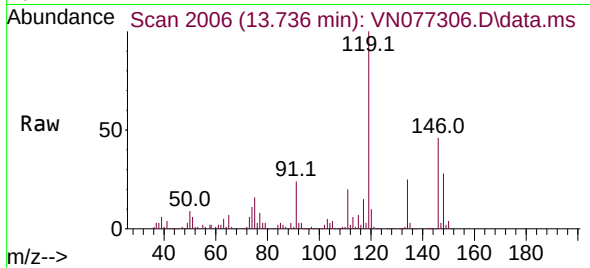
Tgt Ion:119 Resp: 1586232
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.1 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 48.234 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

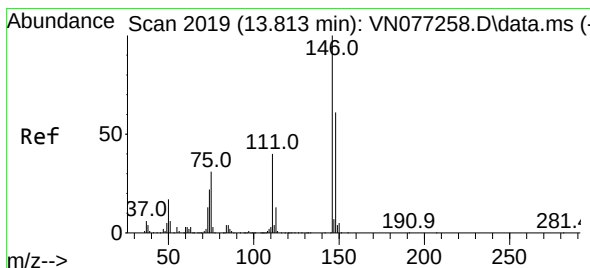
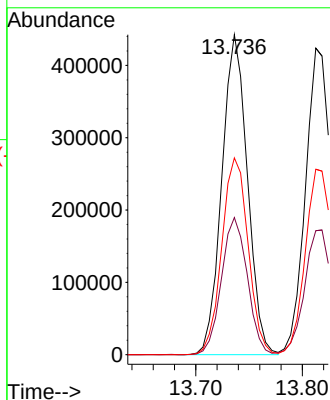
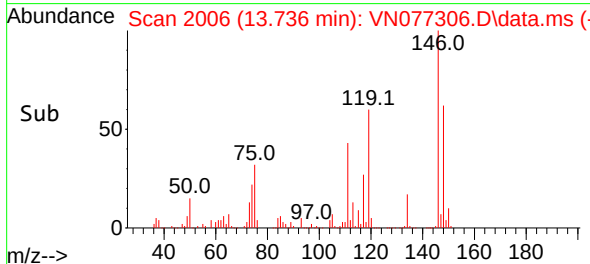
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



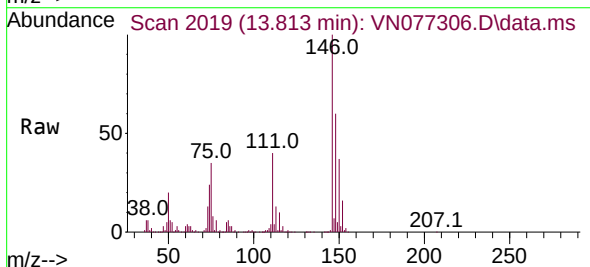
Tgt Ion:146 Resp: 738379
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.4
148 63.3 31.7 95.1

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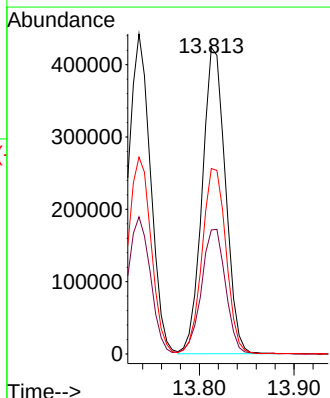
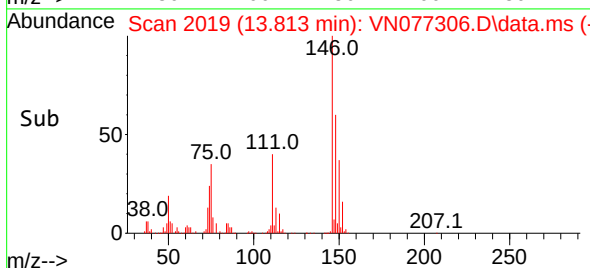
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

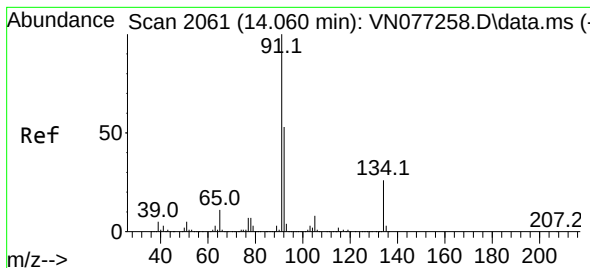


#88
1,4-Dichlorobenzene
Concen: 47.814 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19



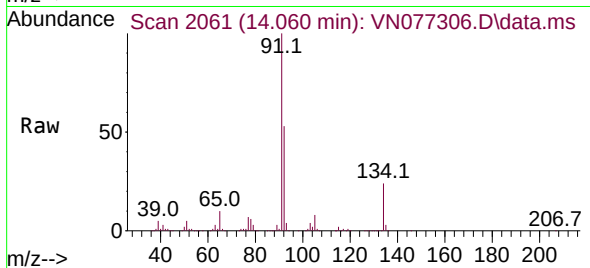
Tgt Ion:146 Resp: 721806
Ion Ratio Lower Upper
146 100
111 42.0 20.4 61.2
148 62.2 31.6 95.0





#89
n-Butylbenzene
Concen: 52.638 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

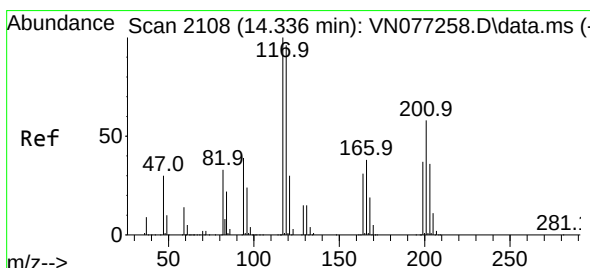
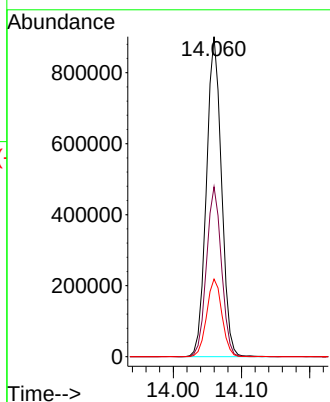
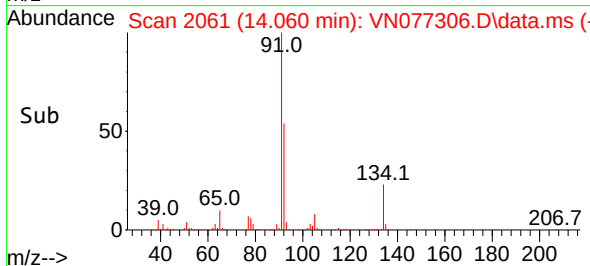
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1384670
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 24.6 12.8 38.3

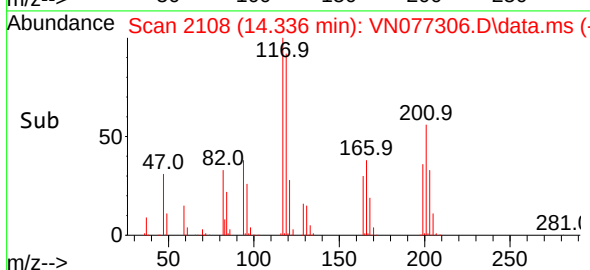
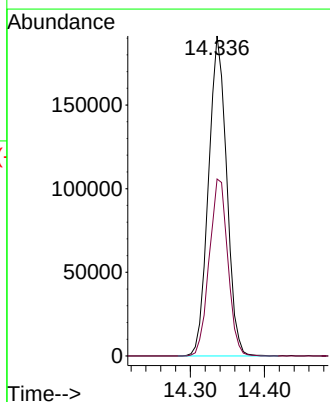
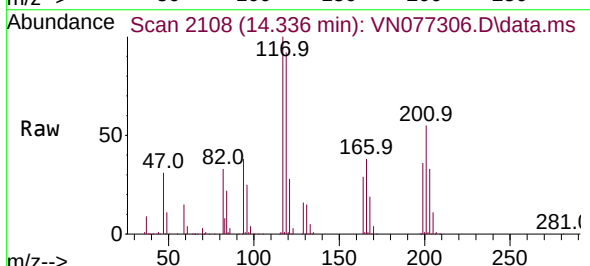
Manual Integrations
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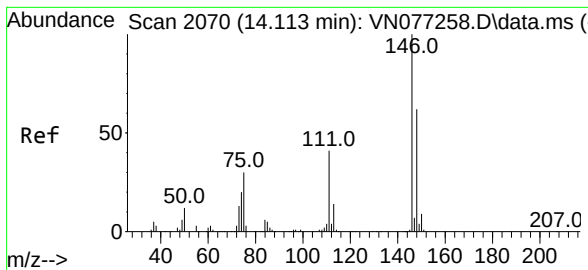
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#90
Hexachloroethane
Concen: 47.028 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion:117 Resp: 325830
Ion Ratio Lower Upper
117 100
201 56.3 29.8 89.5





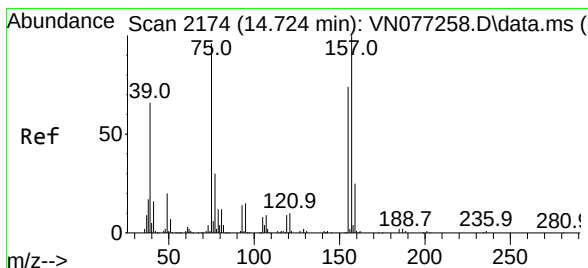
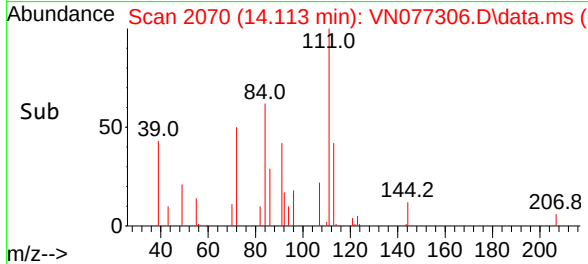
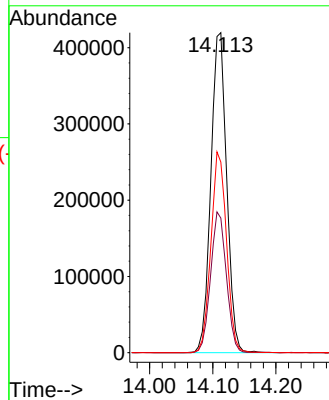
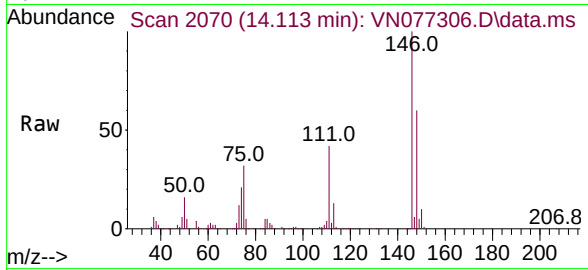
#91
1,2-Dichlorobenzene
Concen: 47.693 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 73037
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 61.9 31.9 95.5

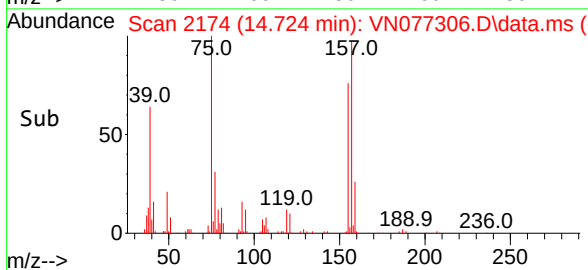
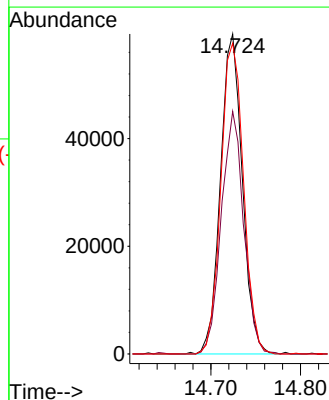
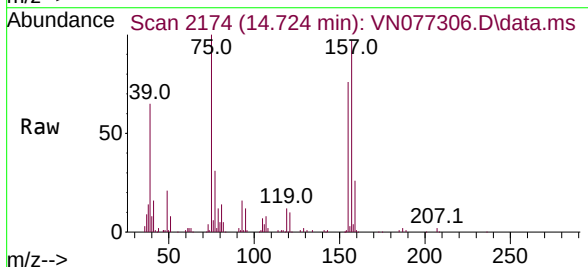
Manual Integrations
APPROVED

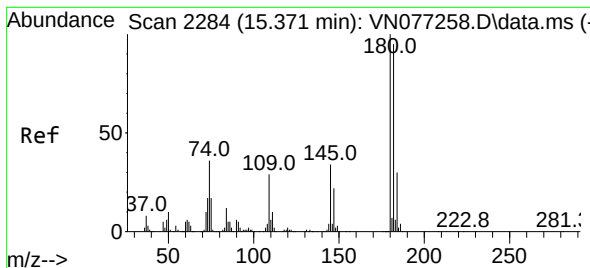
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.436 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077306.D
Acq: 12 Apr 2023 10:19

Tgt Ion: 75 Resp: 100287
Ion Ratio Lower Upper
75 100
155 77.9 41.0 123.2
157 100.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 53.901 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 29798

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.0

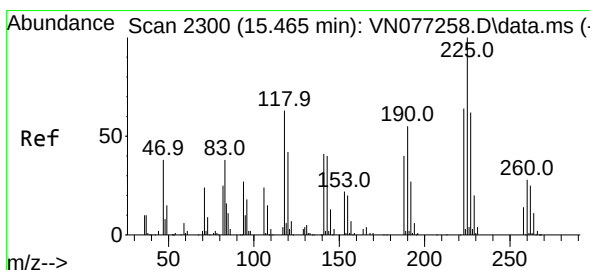
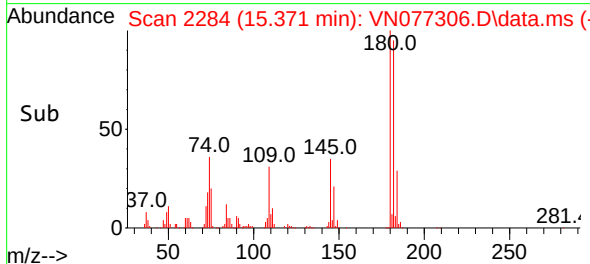
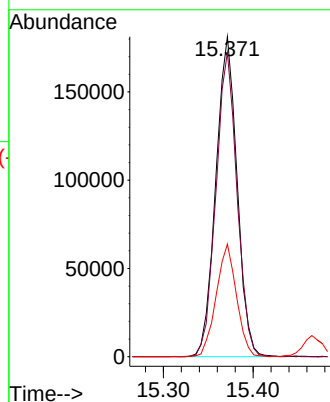
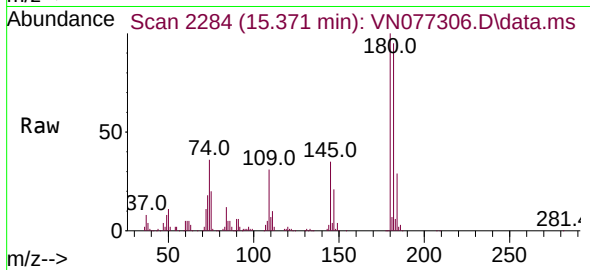
145 33.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#94

Hexachlorobutadiene

Concen: 45.835 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

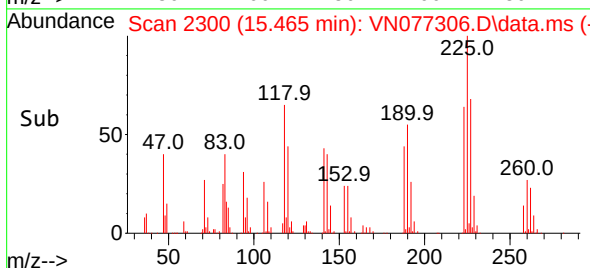
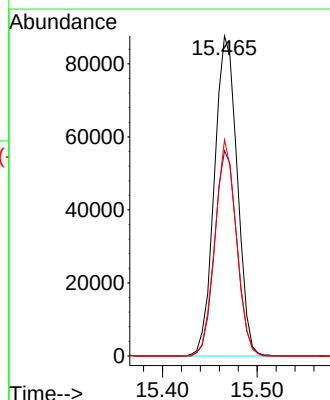
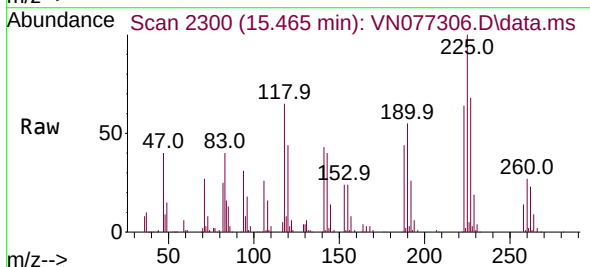
Tgt Ion:225 Resp: 146675

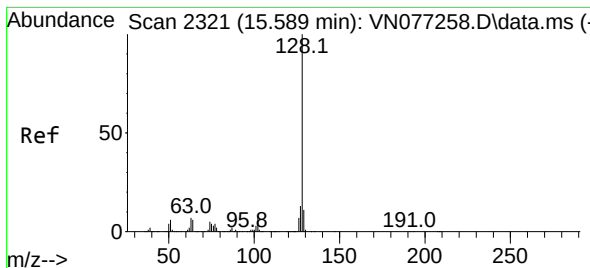
Ion Ratio Lower Upper

225 100

223 62.3 31.7 95.1

227 63.4 31.2 93.6





#95

Naphthalene

Concen: 52.480 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 108986

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

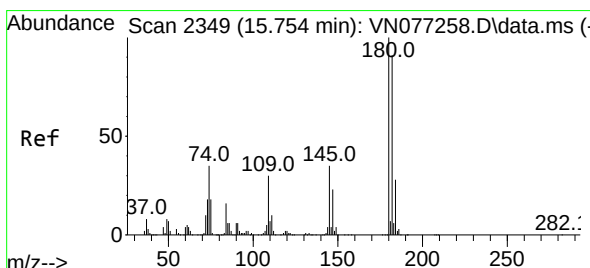
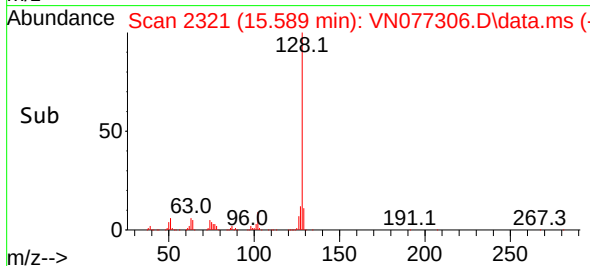
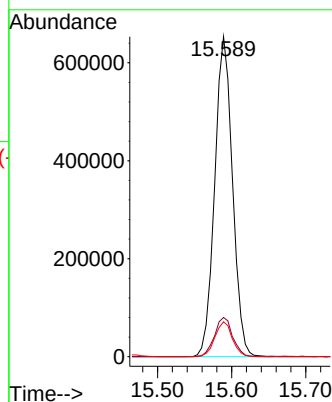
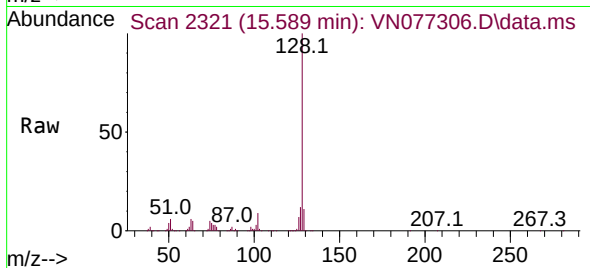
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.459 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077306.D

Acq: 12 Apr 2023 10:19

Tgt Ion:180 Resp: 277394

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.8

145 35.9 17.6 52.8

