

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079993.D
 Acq On : 08 Nov 2023 15:28
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN110823

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 04:08:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	80953	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	452430	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	417936	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	204438	30.085	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.267%			
60) 4-Bromofluorobenzene	12.847	95	202324	30.272	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.900%			
63) Toluene-d8	10.571	98	594319	30.012	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	109508	20.747	ug/l	99
3) Chloromethane	2.359	50	137471	20.674	ug/l	100
4) Vinyl Chloride	2.512	62	138409	24.909	ug/l	99
5) Bromomethane	2.959	94	63263	20.794	ug/l	92
6) Chloroethane	3.124	64	68240	21.144	ug/l	91
7) Trichlorofluoromethane	3.495	101	176782	21.199	ug/l	100
8) Diethyl Ether	3.959	74	60120	20.082	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	99610	21.142	ug/l	99
10) 1,1-Dichloroethene	4.347	96	93486	22.430	ug/l	86
11) Methyl Iodide	4.589	142	107900	19.572	ug/l	93
12) Methyl Acetate	5.024	43	216124	20.000	ug/l	99
13) Acrolein	4.183	56	72714	79.646	ug/l	100
14) Acrylonitrile	5.718	53	260742	101.591	ug/l	97
15) Acetone	4.430	58	77216	89.099	ug/l	77
16) Carbon Disulfide	4.712	76	273897	19.245	ug/l	100
17) Allyl chloride	5.024	41	141858	19.478	ug/l	94
18) Methylene Chloride	5.277	84	113296	20.270	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	104153	20.160	ug/l	97
20) Diisopropyl ether	6.677	45	353233	20.754	ug/l	98
21) 1,1-Dichloroethane	6.571	63	207995	20.474	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	121842	20.323	ug/l	97
23) tert-Butyl Alcohol	5.518	59	67350	97.218	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	314346	20.483	ug/l	98
25) Chloroform	7.965	83	214700	20.473	ug/l	93
26) Cyclohexane	8.265	56	163318	20.435	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	158578	20.422	ug/l	99
30) 2-Butanone	7.483	43	351534	94.796	ug/l	100
31) 2,2-Dichloropropane	7.494	77	173368	20.658	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	185405	20.916	ug/l	98
33) Carbon Tetrachloride	8.365	117	161510	20.729	ug/l	98
34) Benzene	8.606	78	481042	20.854	ug/l	98
35) Methacrylonitrile	7.783	41	75490	19.417	ug/l	95
36) 1,2-Dichloroethane	8.671	62	169785	20.339	ug/l	99
37) Trichloroethene	9.359	130	111794	20.153	ug/l	100
38) Methylcyclohexane	9.606	83	142985	19.611	ug/l	99
39) 1,2-Dichloropropane	9.624	63	122460	20.058	ug/l	97
40) Dibromomethane	9.712	93	80507	20.400	ug/l	98
41) Bromodichloromethane	9.888	83	168611	20.629	ug/l	99
42) Vinyl Acetate	6.606	43	920414	99.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	143728	20.632	ug/l	97
44) Isopropyl Acetate	8.688	43	229121	20.185	ug/l	95
45) 1,4-Dioxane	9.700	88	36247	414.368	ug/l	96
46) Methyl methacrylate	9.682	41	110631	20.275	ug/l	94
47) n-amyl Acetate	12.500	43	182574	20.024	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	169546	20.311	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	188378	20.414	ug/l	93
50) 1,1,2-Trichloroethane	11.023	97	110986	20.617	ug/l	95
51) Ethyl methacrylate	10.876	69	153322	19.815	ug/l	89
52) 1,3-Dichloropropane	11.165	76	199254	20.703	ug/l	99
53) Dibromochloromethane	11.359	129	114643	19.907	ug/l	97
54) 1,2-Dibromoethane	11.471	107	109496	20.256	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	309288	86.909	ug/l	98
56) Bromoform	12.582	173	78200	20.722	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	715509	102.475	ug/l	97
59) 2-Hexanone	11.200	43	521781	98.099	ug/l	97
61) Tetrachloroethene	11.106	164	102029	20.823	ug/l	93
62) Toluene	10.635	91	496806	20.553	ug/l	98
64) Chlorobenzene	11.894	112	294516	20.417	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	109851	20.760	ug/l	96
66) Ethyl Benzene	11.965	91	528272	20.797	ug/l	99
67) m/p-Xylenes	12.076	106	400940	42.398	ug/l	95
68) o-Xylene	12.400	106	189134	20.866	ug/l	100
69) Styrene	12.412	104	313644	20.903	ug/l	100
70) Isopropylbenzene	12.700	105	464519	20.545	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	156276	20.293	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	145160m	20.287	ug/l	
73) Bromobenzene	12.982	156	114356	20.573	ug/l	97
74) n-propylbenzene	13.041	91	561657	20.765	ug/l	98
75) 2-Chlorotoluene	13.129	91	353589	20.567	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	389310	20.818	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	47387	20.226	ug/l	94
78) 4-Chlorotoluene	13.223	91	347095	20.328	ug/l	99
79) tert-butylbenzene	13.441	119	314672	21.486	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	391283	21.338	ug/l	100
81) sec-Butylbenzene	13.617	105	418198	20.229	ug/l	99
82) p-Isopropyltoluene	13.735	119	345507	20.579	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	208041	20.540	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	200579	20.176	ug/l	98
85) n-Butylbenzene	14.059	91	274305	19.534	ug/l	97
86) Hexachloroethane	14.335	117	64189	19.661	ug/l	94
87) 1,2-Dichlorobenzene	14.106	146	200078	20.677	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	27733	19.693	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	85195	19.005	ug/l	98
90) Hexachlorobutadiene	15.506	225	41183	18.641	ug/l	98
91) Naphthalene	15.647	128	255705	17.774	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	85195	19.005	ug/l	98

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

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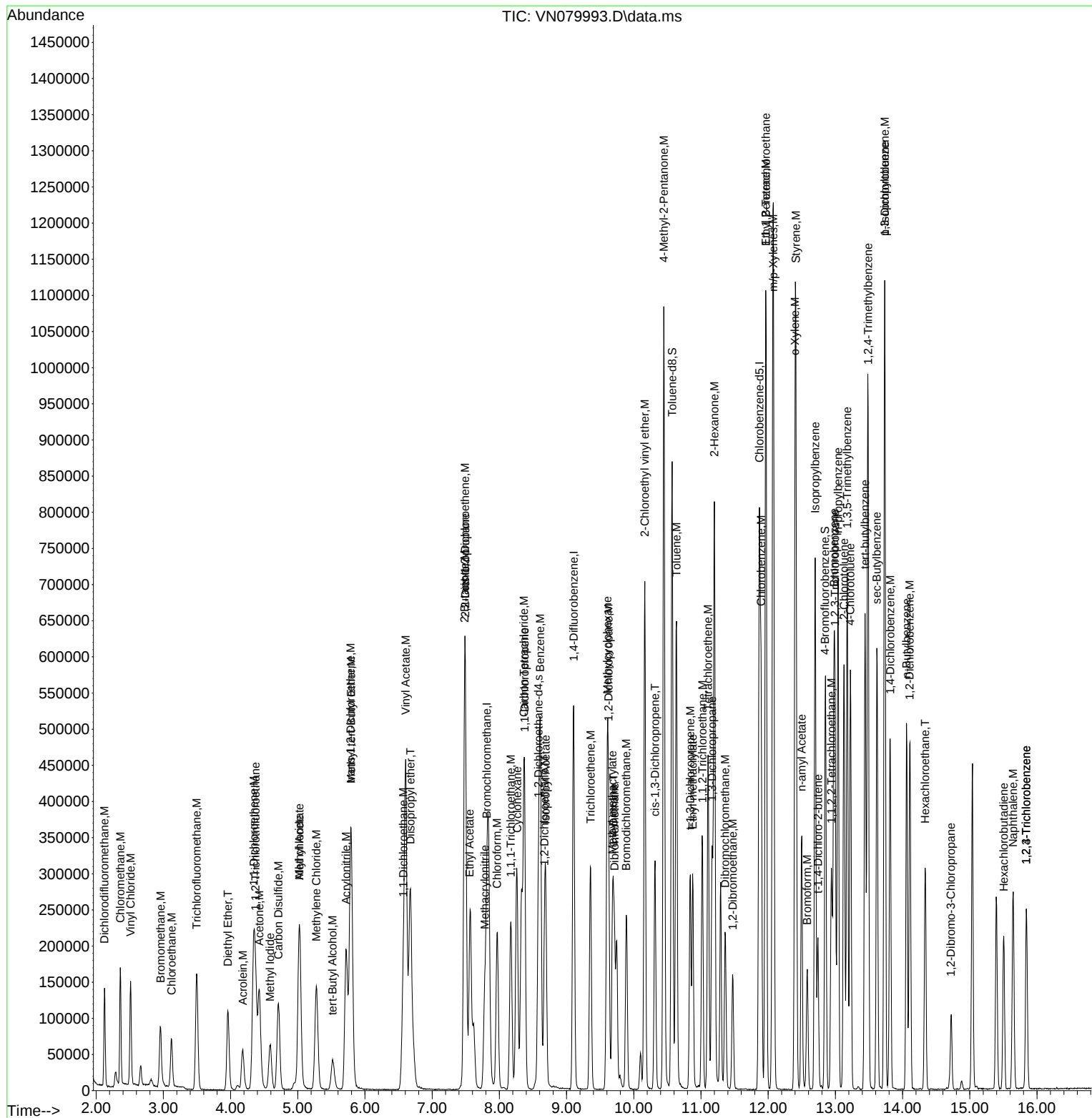
Manual Integrations

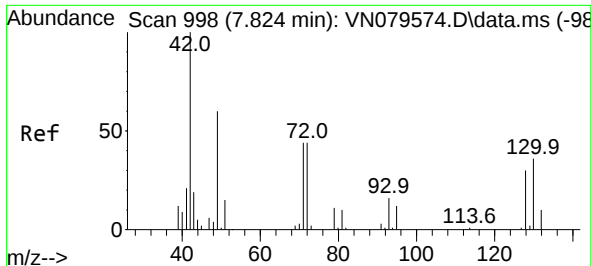
APPROVED

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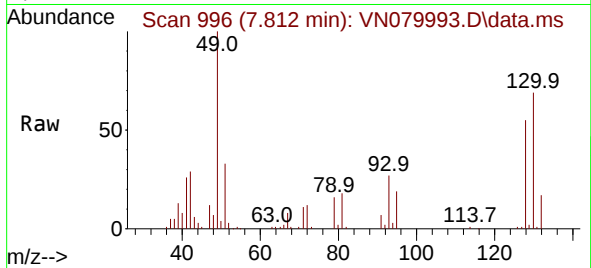
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

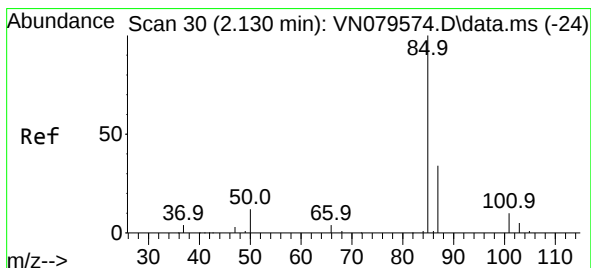
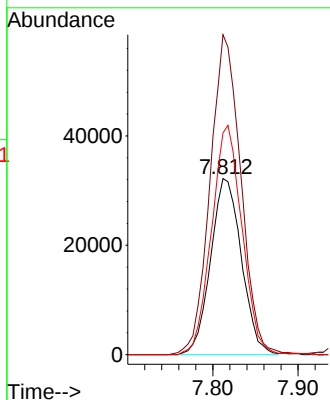
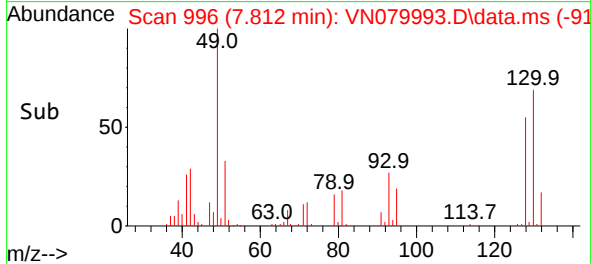
Instrument :
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ClientSampleId :
ICVVN110823



Tgt Ion:128 Resp: 8095
Ion Ratio Lower Upper
128 100
49 181.3 0.0 468.5
130 128.9 0.0 320.7

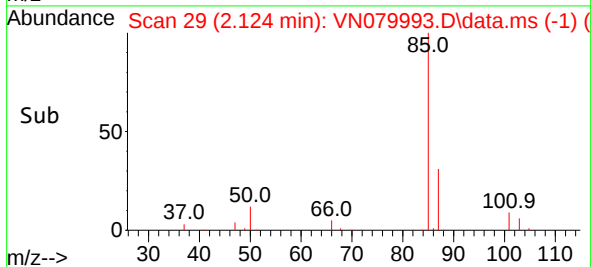
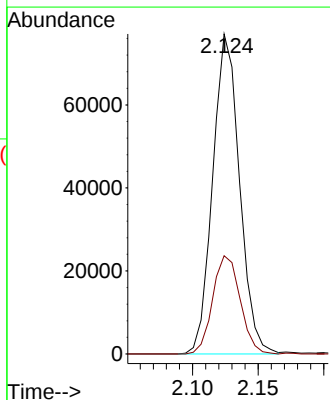
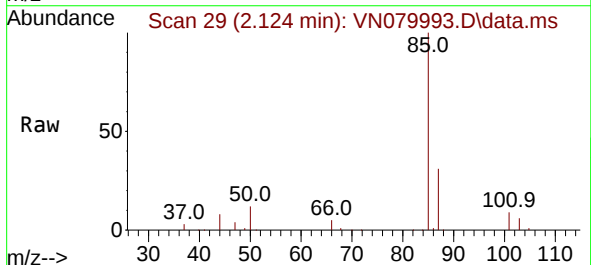
Manual Integrations
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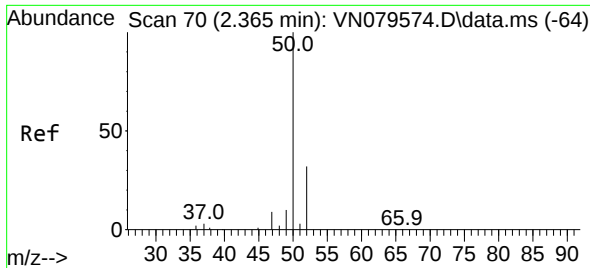
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 20.747 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

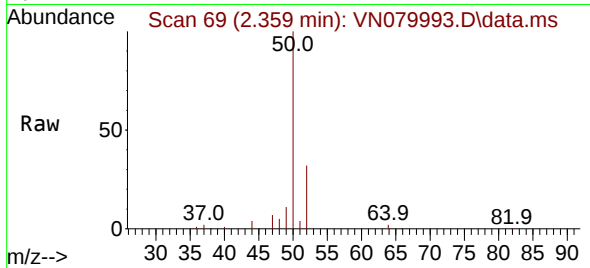
Tgt Ion: 85 Resp: 109508
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.7





#3
Chloromethane
Concen: 20.674 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

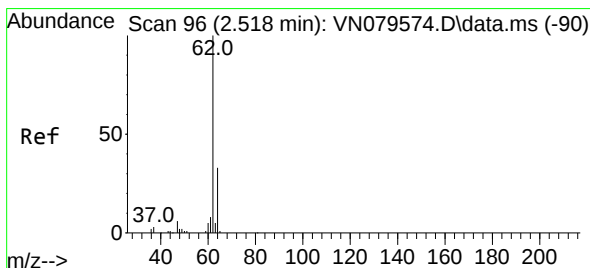
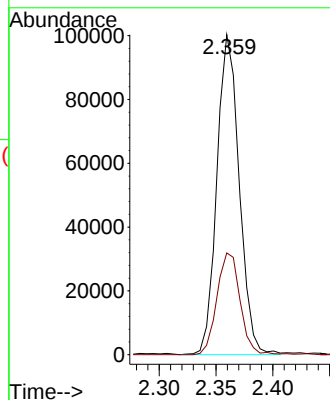
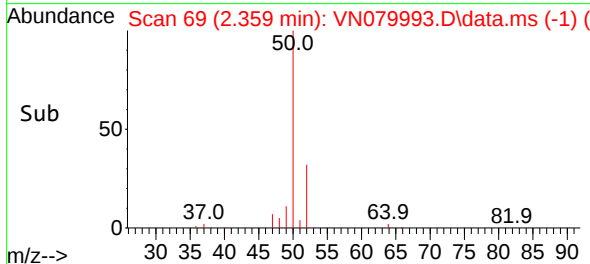
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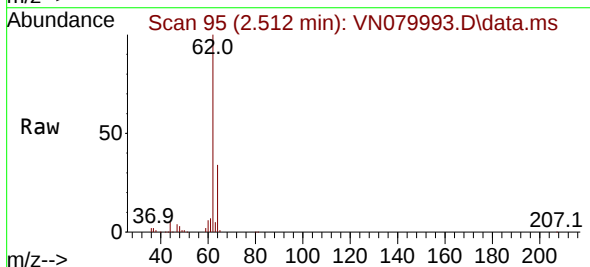
Tgt Ion: 50 Resp: 13747
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4

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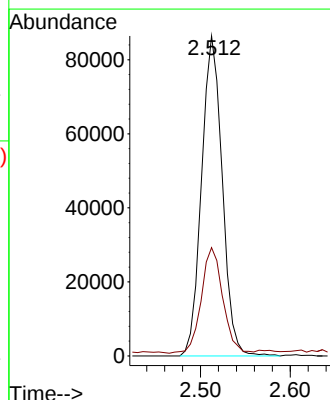
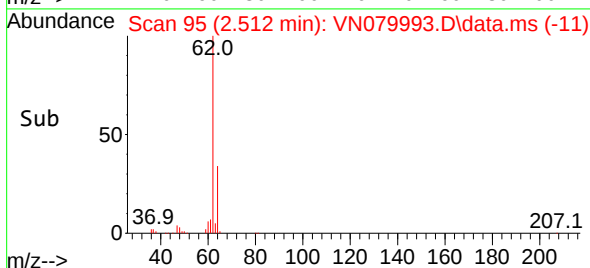
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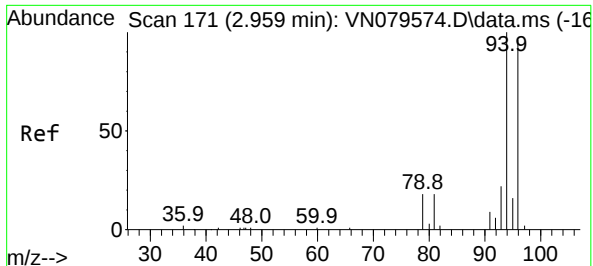


#4
Vinyl Chloride
Concen: 24.909 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



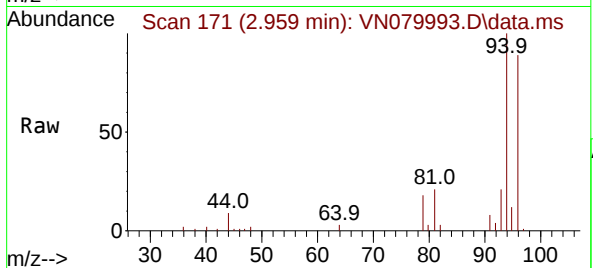
Tgt Ion: 62 Resp: 138409
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6





#5
Bromomethane
Concen: 20.794 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

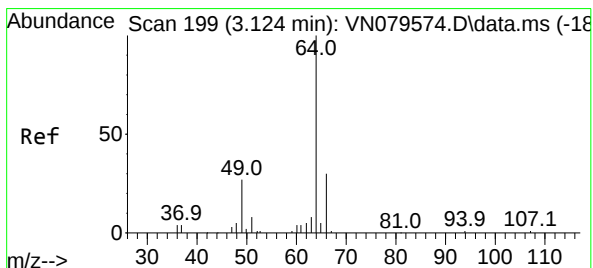
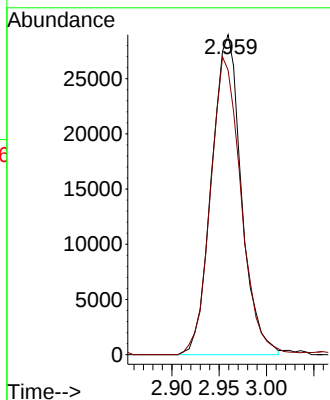
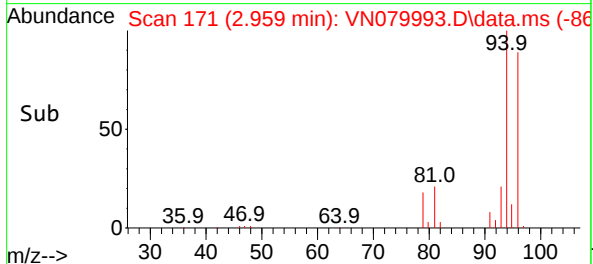
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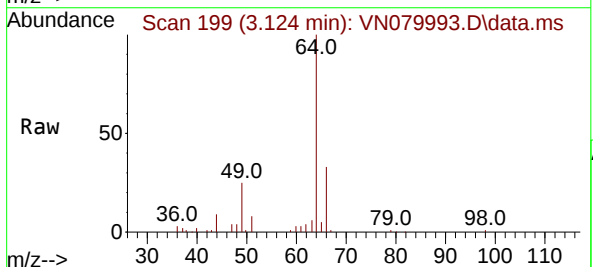
Tgt Ion: 94 Resp: 6326
Ion Ratio Lower Upper
94 100
96 88.9 77.8 116.6

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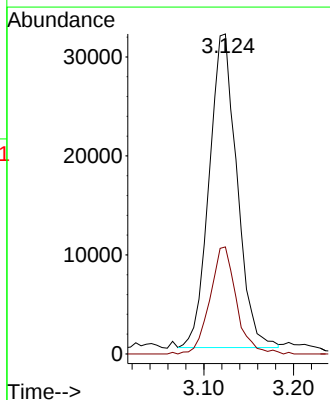
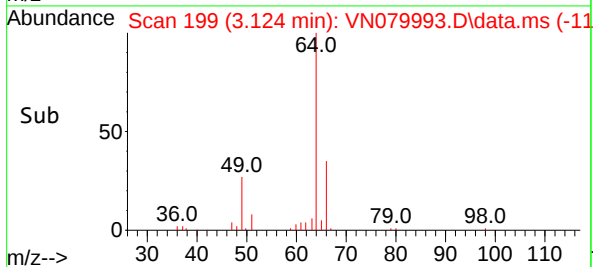
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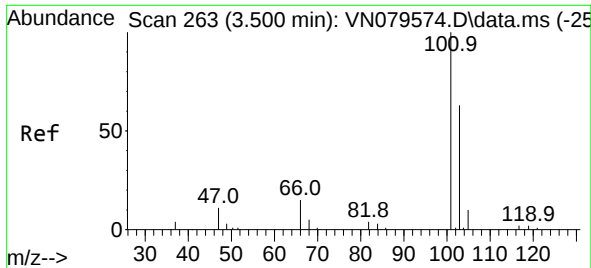


#6
Chloroethane
Concen: 21.144 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



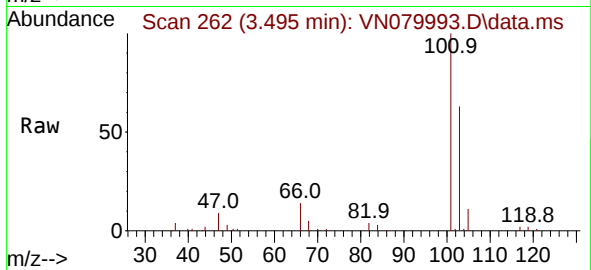
Tgt Ion: 64 Resp: 68240
Ion Ratio Lower Upper
64 100
66 34.1 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 21.199 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN079993.D
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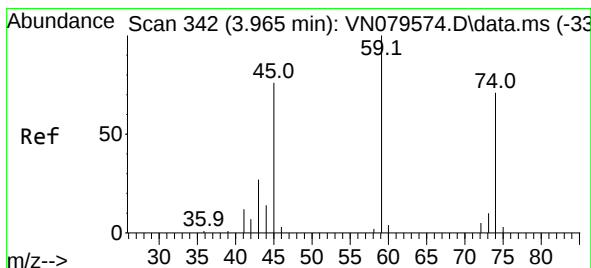
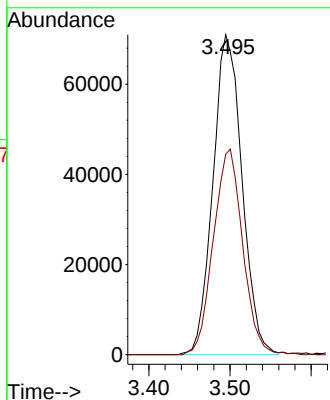
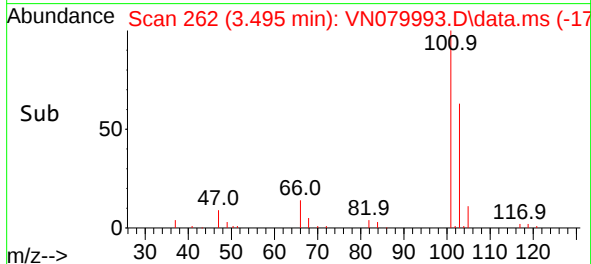
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Tgt Ion:101 Resp: 17678
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.9 74.9

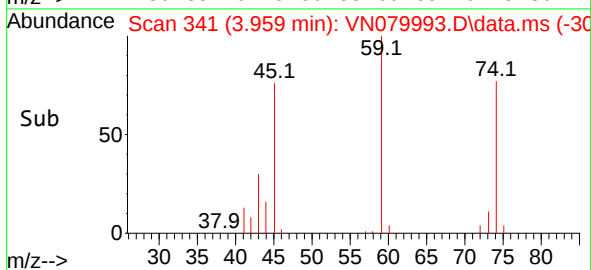
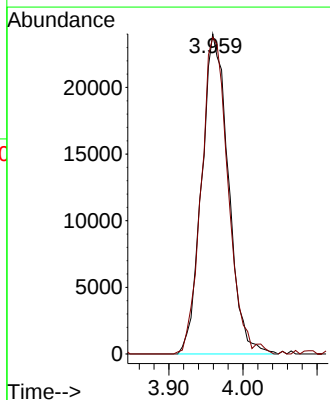
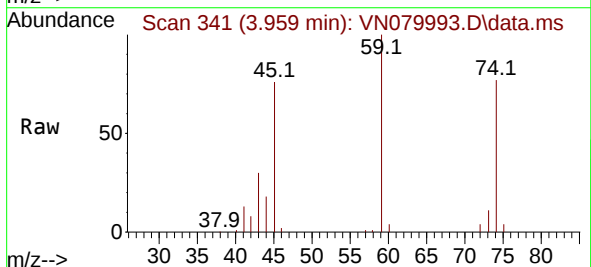
Manual Integrations
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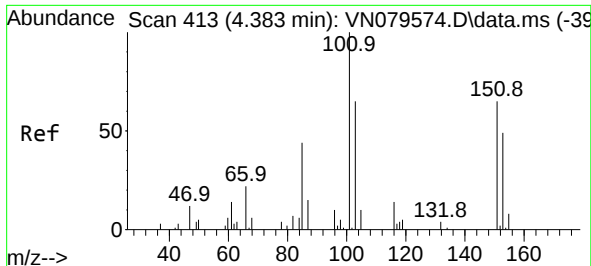
Reviewed By :John Carlone 11/09/2023
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#8
 Diethyl Ether
 Concen: 20.082 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 60120
 Ion Ratio Lower Upper
 74 100
 45 98.5 19.0 171.0





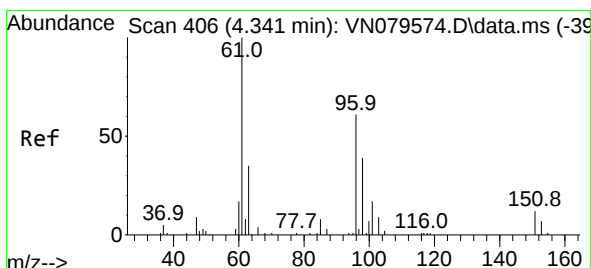
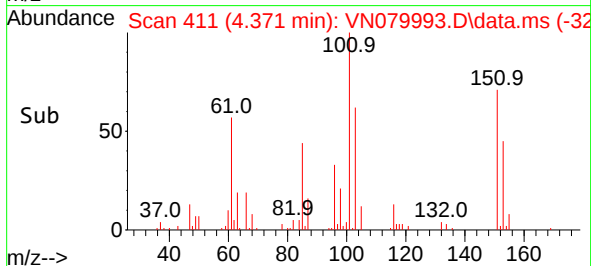
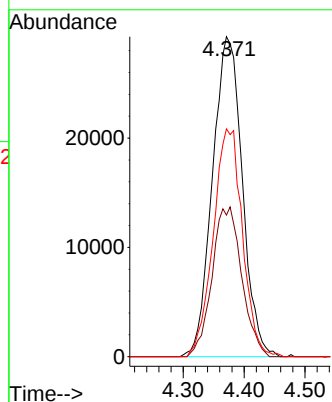
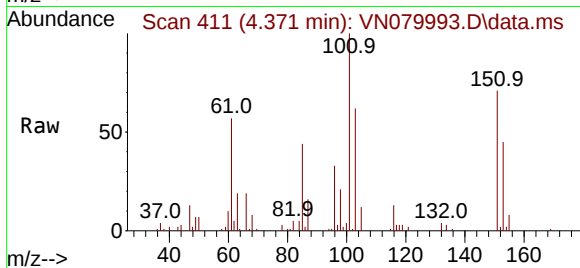
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1,1,2-Trichlorotrifluoroethane
Concen: 21.142 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

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MSVOA_N
ClientSampleId :
ICVVN110823

Tgt Ion:101 Resp: 99610
Ion Ratio Lower Upper
101 100
85 46.6 0.0 92.0
151 69.6 0.0 138.4

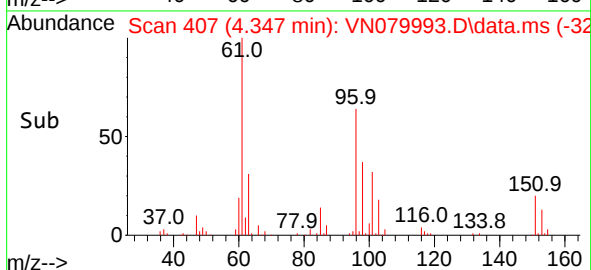
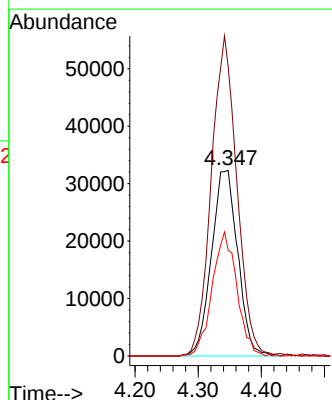
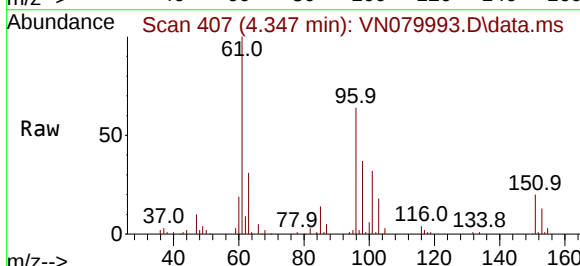
Manual Integrations
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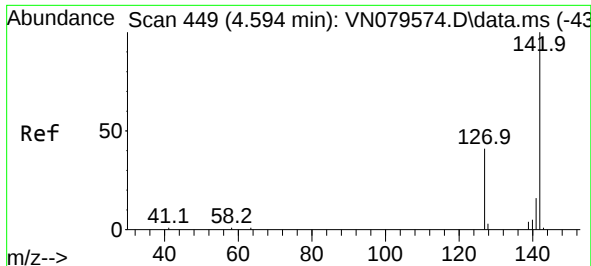
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
1,1-Dichloroethene
Concen: 22.430 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 96 Resp: 93486
Ion Ratio Lower Upper
96 100
61 155.7 141.3 211.9
98 56.9 53.2 79.8





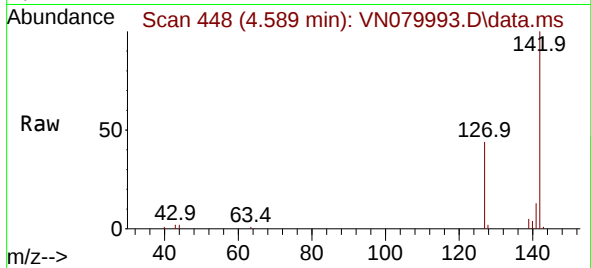
#11
Methyl Iodide
Concen: 19.572 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823



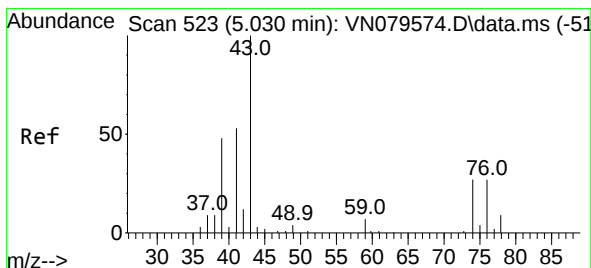
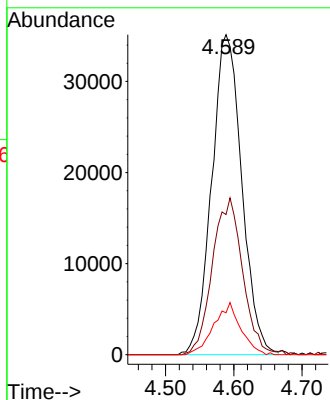
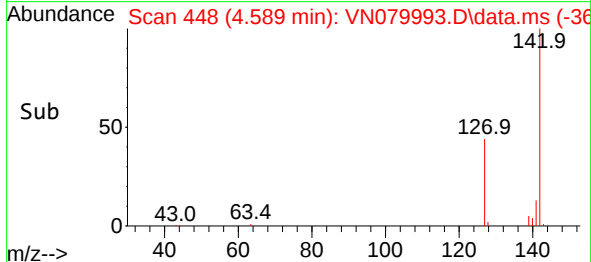
Tgt Ion:142 Resp: 107900
Ion Ratio Lower Upper
142 100
127 43.6 24.6 73.8
141 13.2 7.7 23.1

Manual Integrations

APPROVED

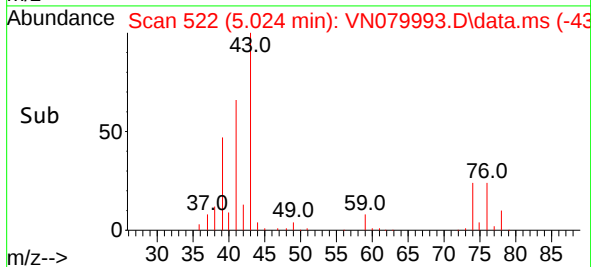
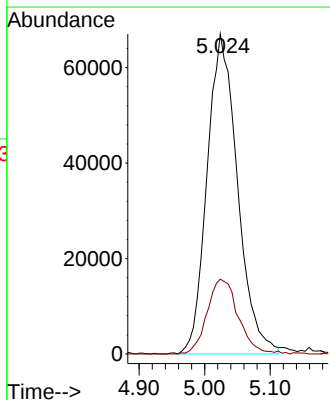
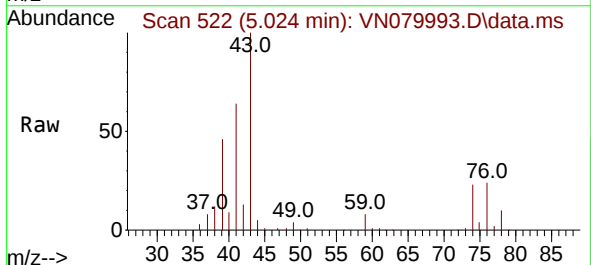
Reviewed By :John Carlone 11/09/2023

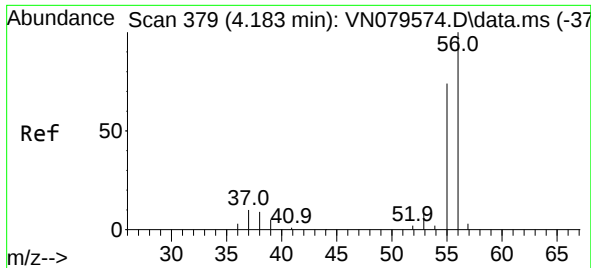
Supervised By :Semsettin Yesilyurt 11/09/2023



#12
Methyl Acetate
Concen: 20.000 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

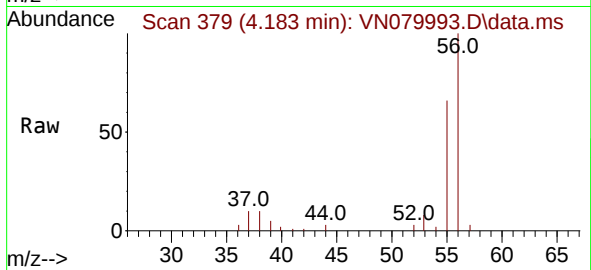
Tgt Ion: 43 Resp: 216124
Ion Ratio Lower Upper
43 100
74 23.2 18.1 27.1





#13
Acrolein
Concen: 79.646 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

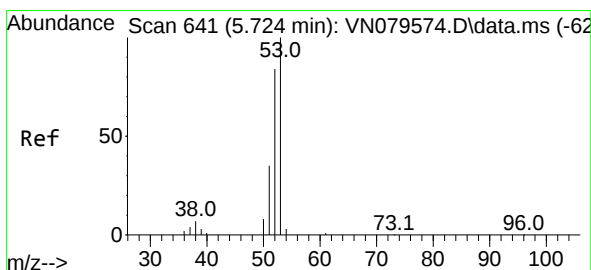
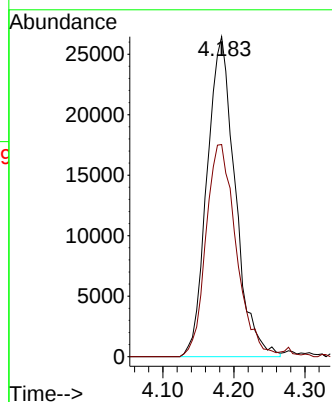
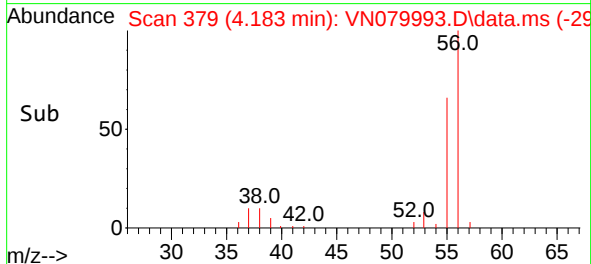
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion: 56 Resp: 72714
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

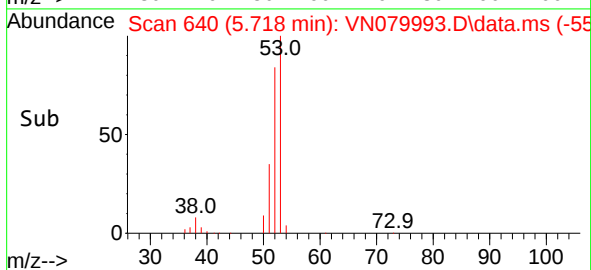
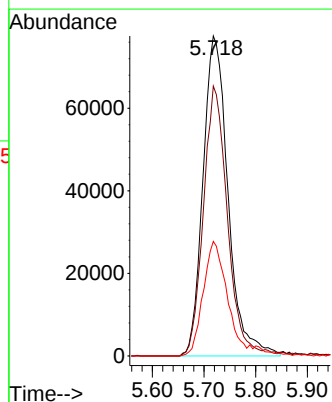
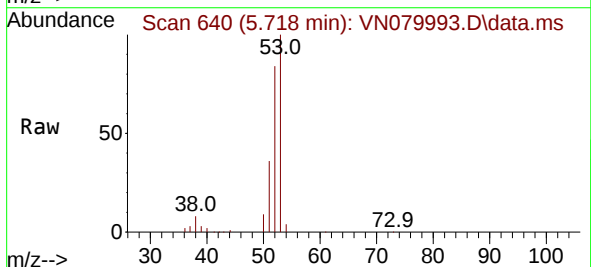
Manual Integrations
APPROVED

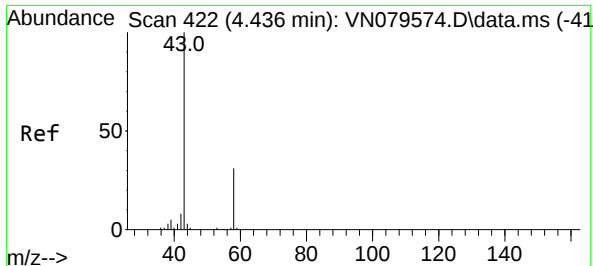
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Acrylonitrile
Concen: 101.591 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 53 Resp: 260742
Ion Ratio Lower Upper
53 100
52 80.1 41.6 124.9
51 34.5 17.8 53.3





#15

Acetone

Concen: 89.099 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion: 58 Resp: 77210

Ion Ratio Lower Upper

58 100

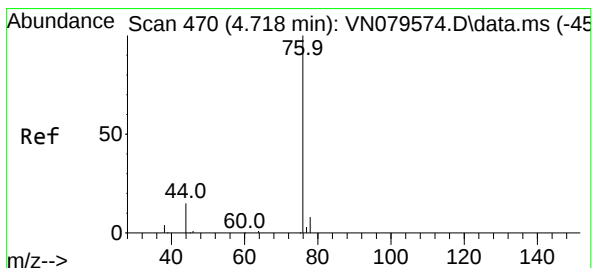
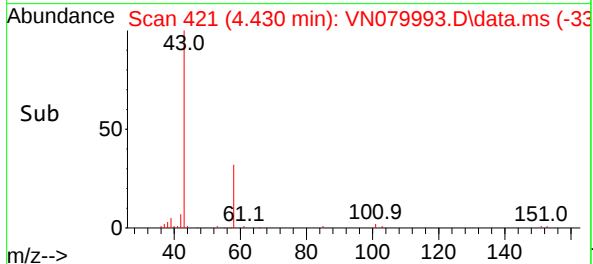
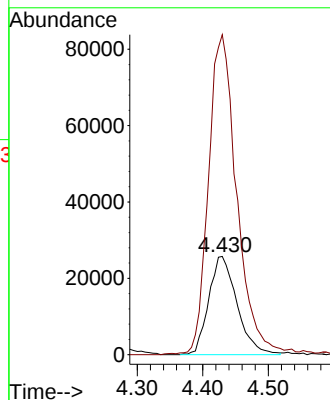
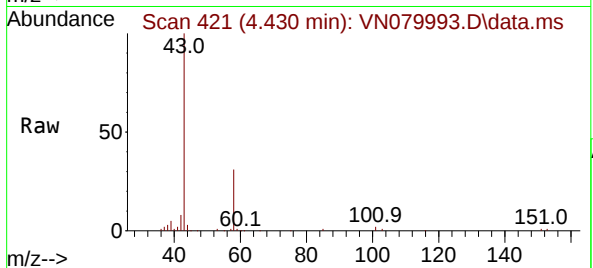
43 324.1 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#16

Carbon Disulfide

Concen: 19.245 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079993.D

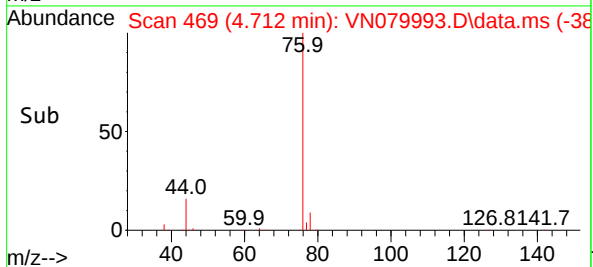
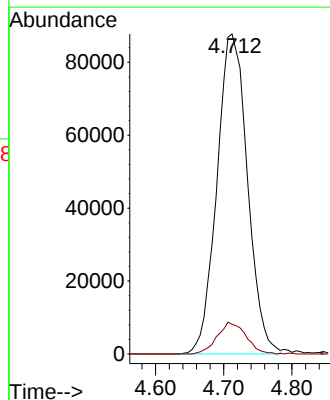
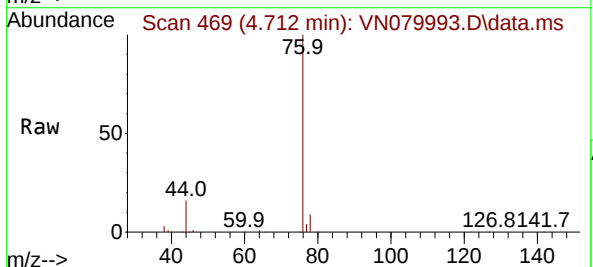
Acq: 08 Nov 2023 15:28

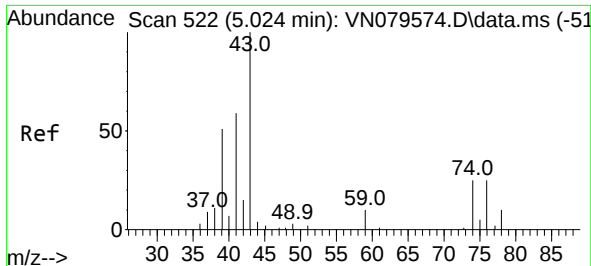
Tgt Ion: 76 Resp: 273897

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





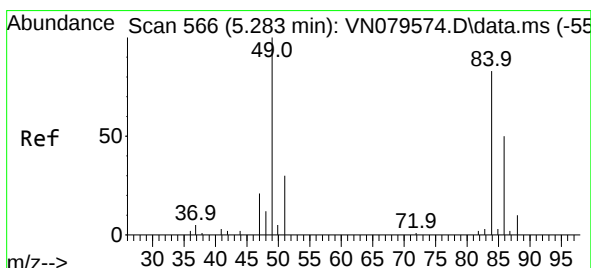
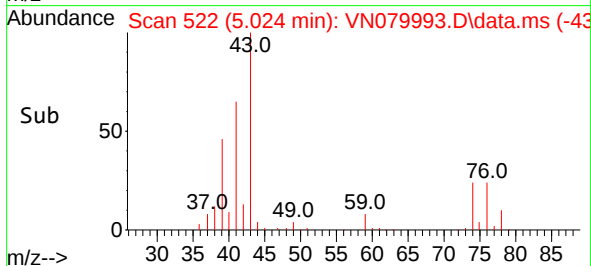
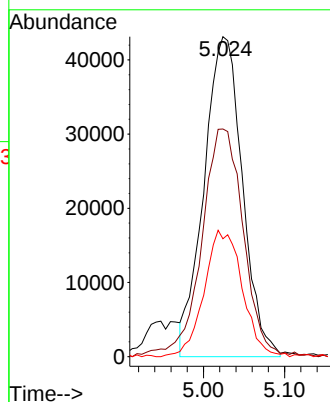
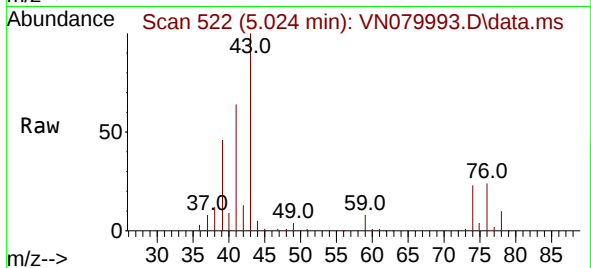
#17
 Allyl chloride
 Concen: 19.478 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN110823

Tgt Ion: 41 Resp: 141858
 Ion Ratio Lower Upper
 41 100
 39 70.8 38.4 115.2
 76 36.5 19.5 58.5

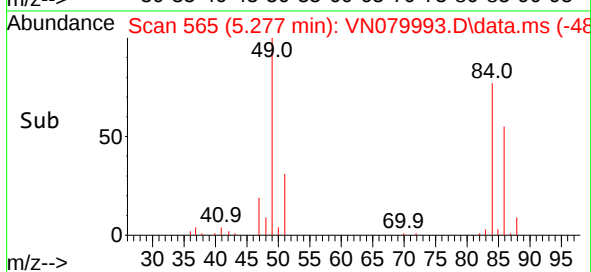
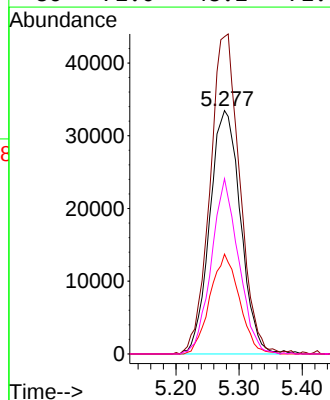
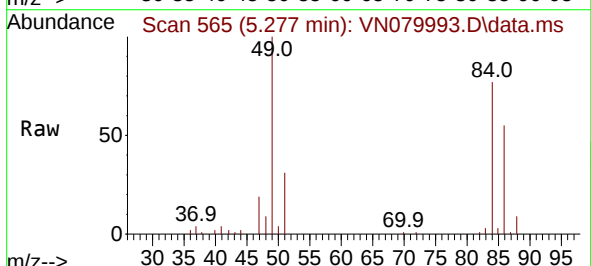
Manual Integrations
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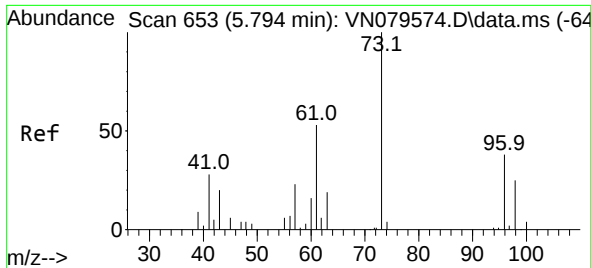
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#18
 Methylene Chloride
 Concen: 20.270 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

Tgt Ion: 84 Resp: 113296
 Ion Ratio Lower Upper
 84 100
 49 130.3 100.9 151.3
 51 41.0 29.4 44.2
 86 72.0 48.2 72.4





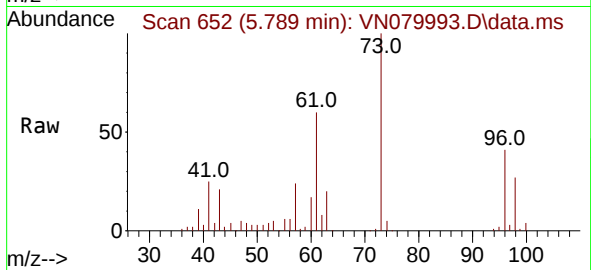
#19
trans-1,2-Dichloroethene
Concen: 20.160 ug/l
RT: 5.789 min Scan# 615
Delta R.T. -0.005 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823



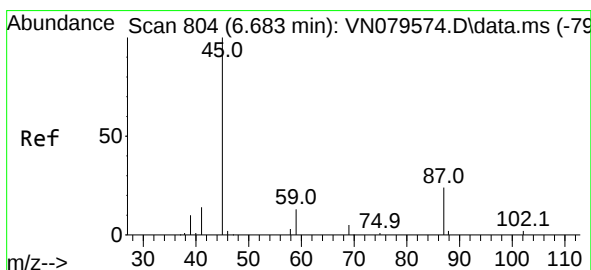
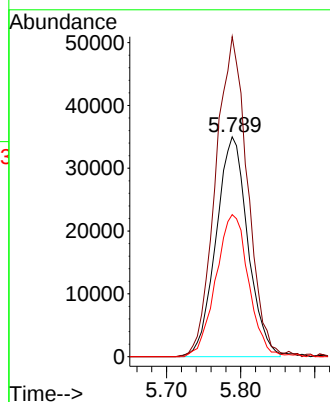
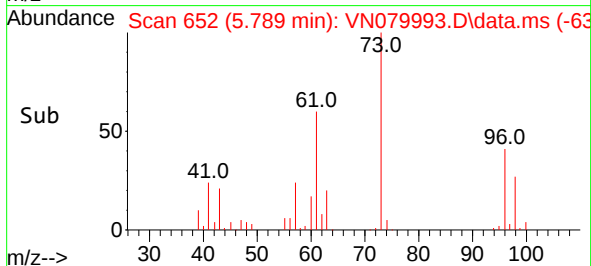
Tgt Ion: 96 Resp: 10415
Ion Ratio Lower Upper
96 100
61 145.0 113.4 170.0
98 64.6 50.4 75.6

Manual Integrations

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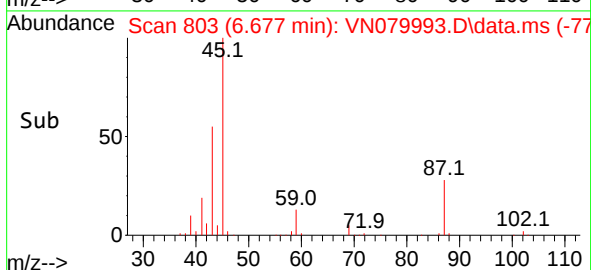
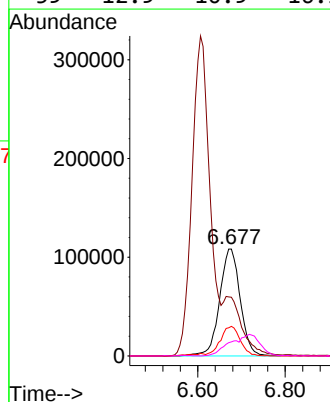
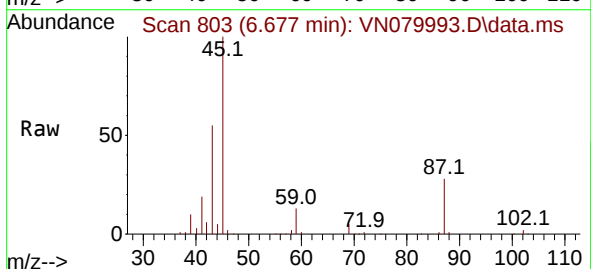
Reviewed By :John Carlone 11/09/2023

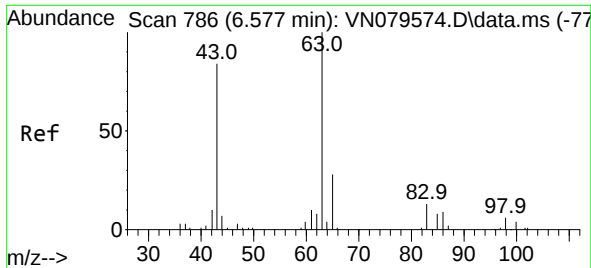
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Diisopropyl ether
Concen: 20.754 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 45 Resp: 353233
Ion Ratio Lower Upper
45 100
43 53.8 42.1 63.1
87 27.7 20.5 30.7
59 12.9 10.9 16.3





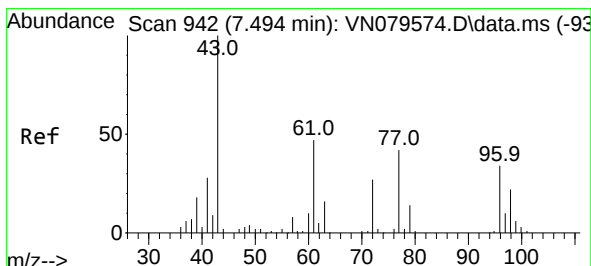
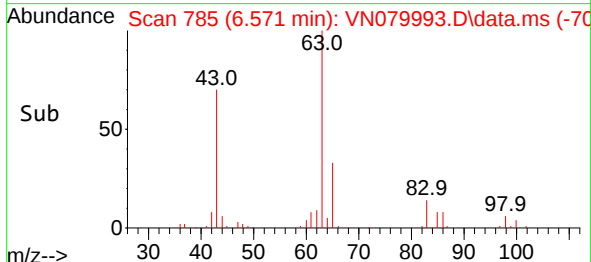
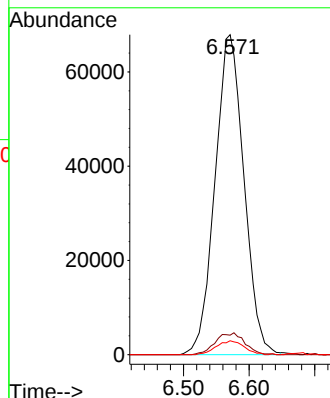
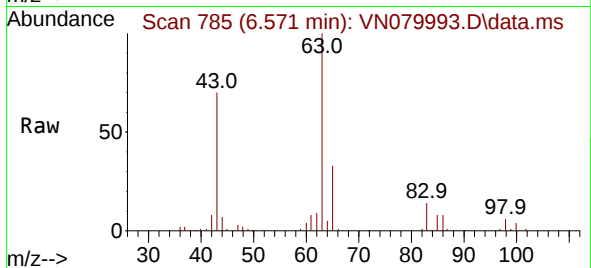
#21
1,1-Dichloroethane
Concen: 20.474 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823

Tgt Ion: 63 Resp: 20799
Ion Ratio Lower Upper
63 100
98 6.1 2.8 8.4
100 4.4 1.9 5.7

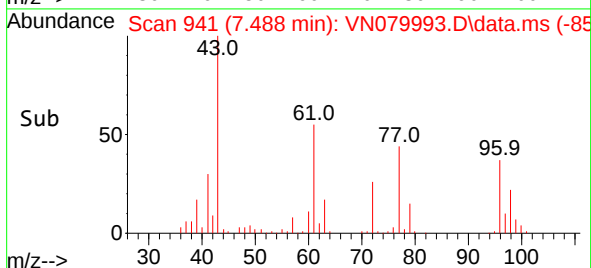
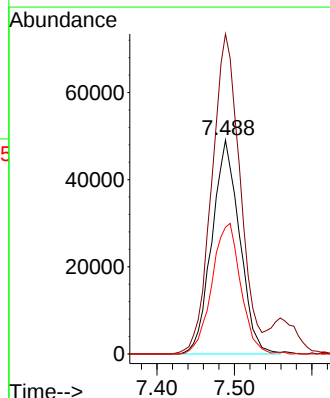
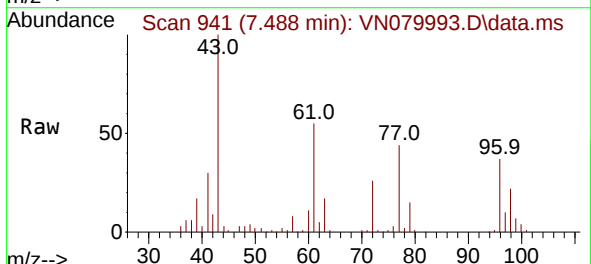
Manual Integrations
APPROVED

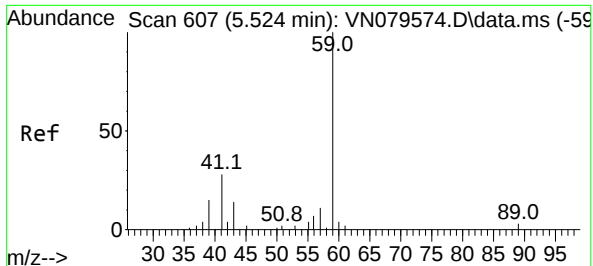
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#22
cis-1,2-Dichloroethene
Concen: 20.323 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

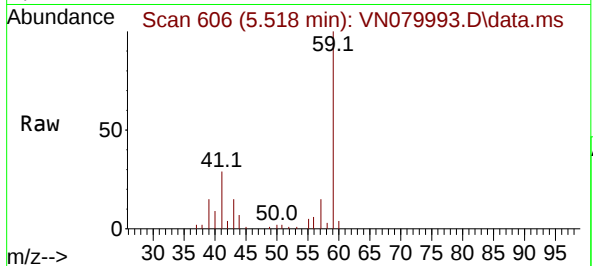
Tgt Ion: 96 Resp: 121842
Ion Ratio Lower Upper
96 100
61 152.5 124.6 186.8
98 63.3 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 97.218 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

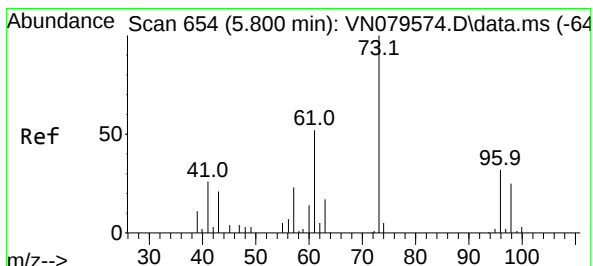
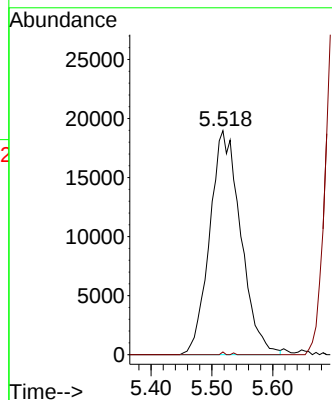
Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823



Tgt Ion: 59 Resp: 67350
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

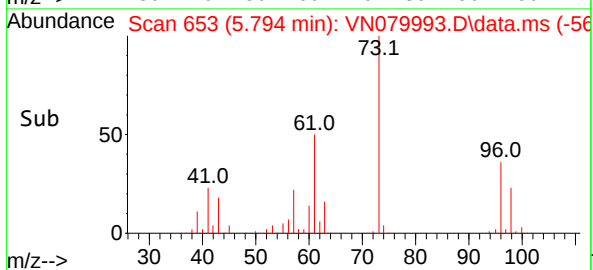
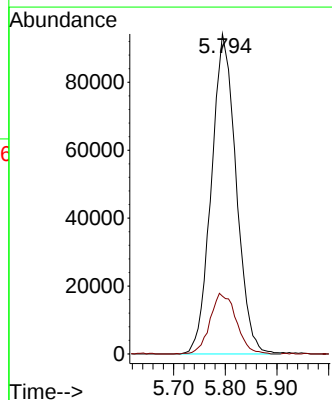
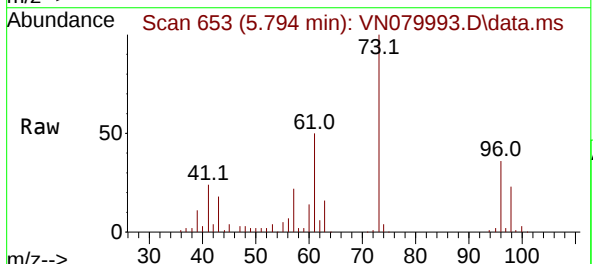
Manual Integrations
APPROVED

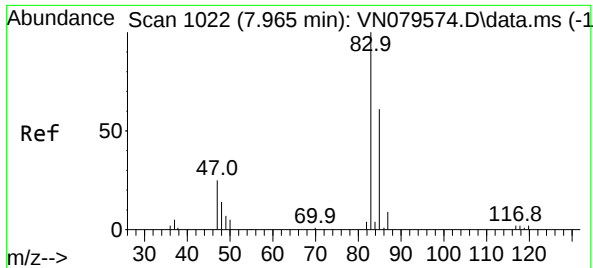
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.483 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 73 Resp: 314346
Ion Ratio Lower Upper
73 100
43 19.9 16.6 24.8





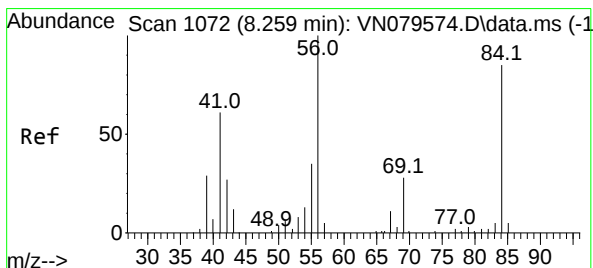
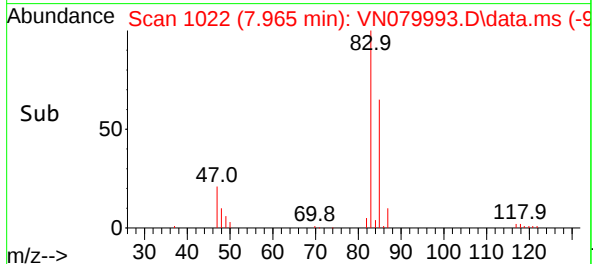
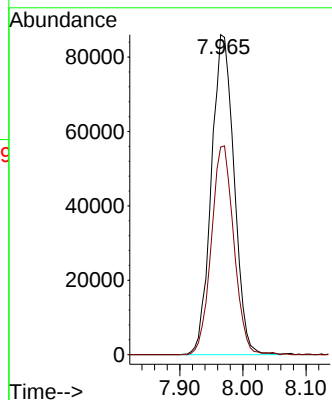
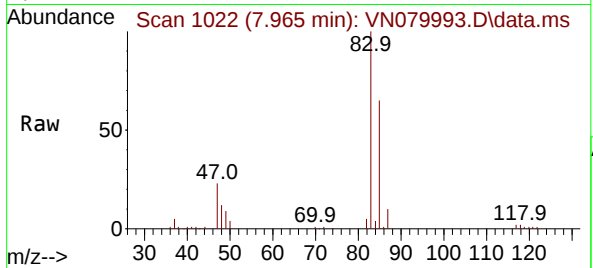
#25
Chloroform
Concen: 20.473 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823

Tgt Ion: 83 Resp: 214700
Ion Ratio Lower Upper
83 100
85 64.9 47.4 71.2

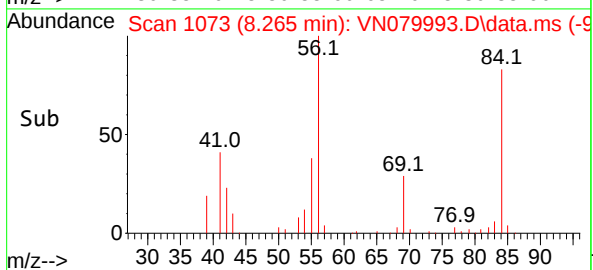
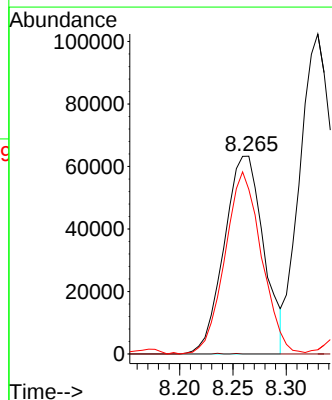
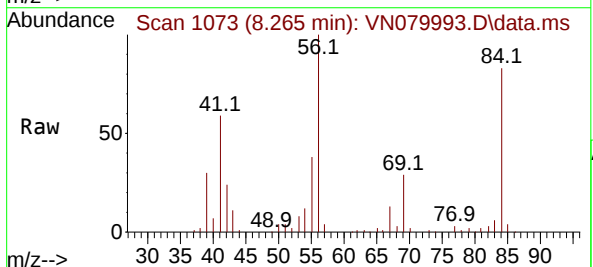
Manual Integrations
APPROVED

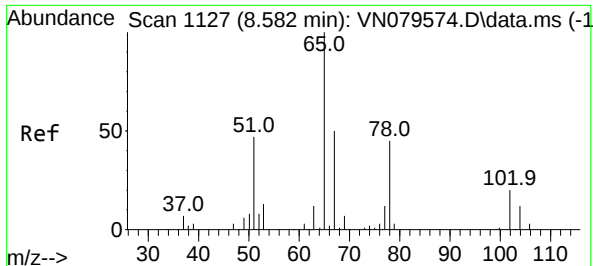
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#26
Cyclohexane
Concen: 20.435 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 56 Resp: 163318
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.2 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.085 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

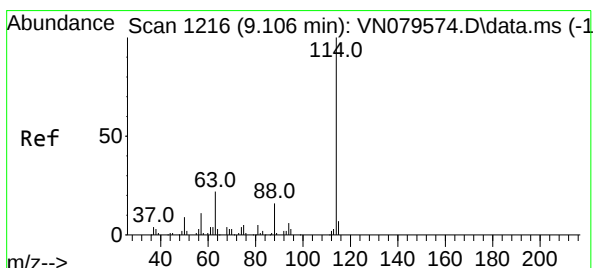
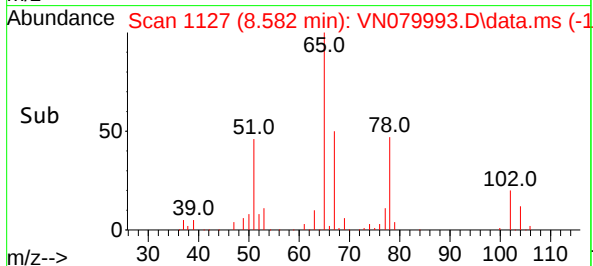
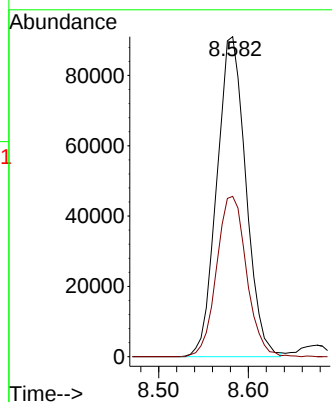
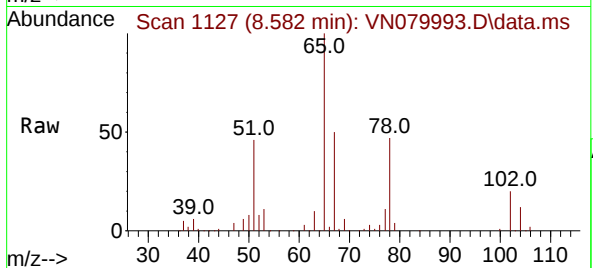
ICVVN110823

Tgt Ion: 65 Resp: 204438
Ion Ratio Lower Upper
65 100
67 51.5 42.1 63.1

Manual Integrations

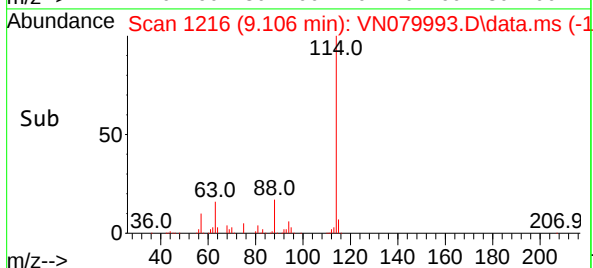
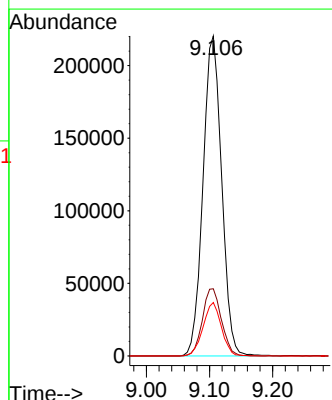
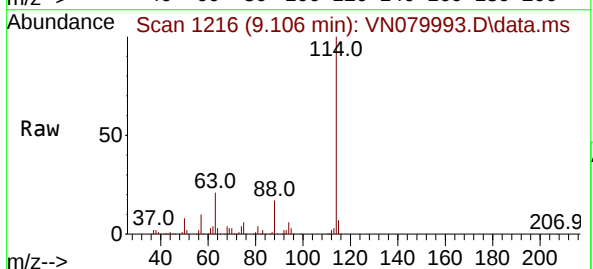
APPROVED

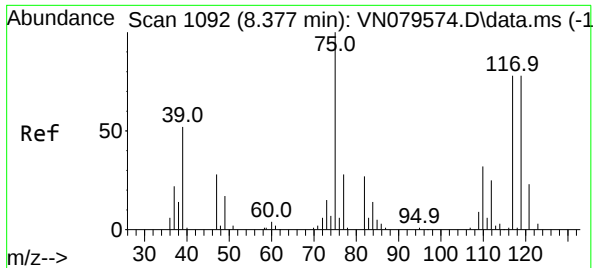
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion:114 Resp: 452430
Ion Ratio Lower Upper
114 100
63 21.4 18.1 27.1
88 16.4 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.422 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110823

Tgt Ion: 75 Resp: 158578

Ion Ratio Lower Upper

75 100

110 34.7 0.0 66.8

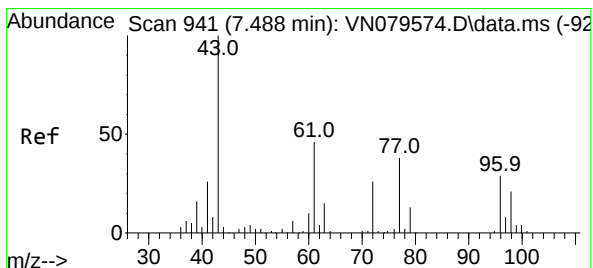
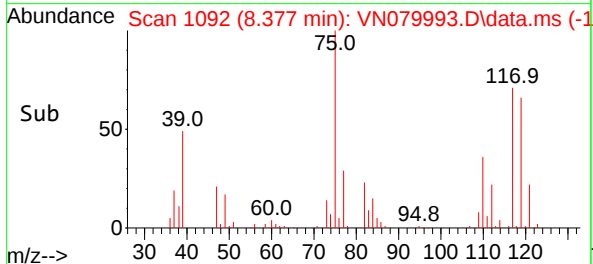
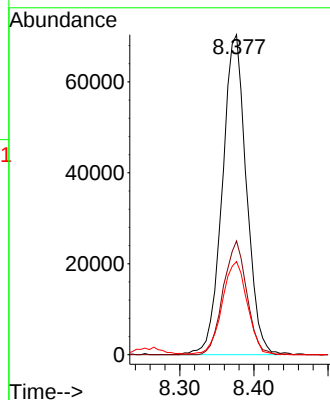
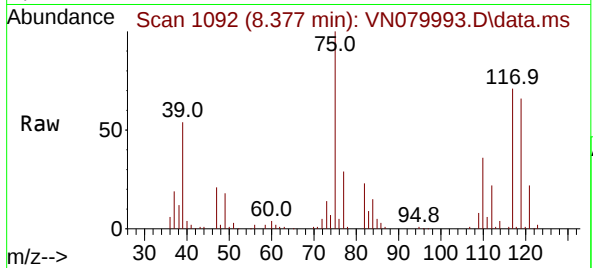
77 30.5 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#30

2-Butanone

Concen: 94.796 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.005 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

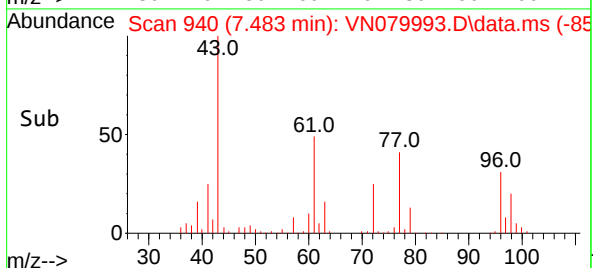
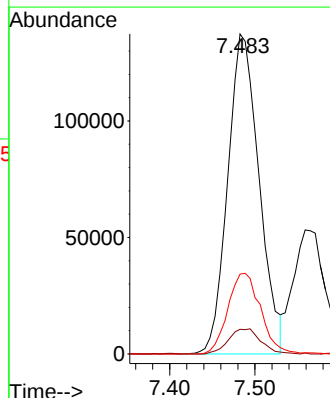
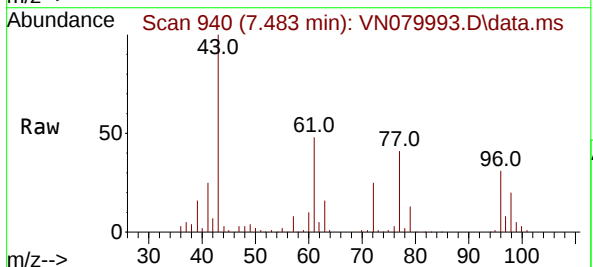
Tgt Ion: 43 Resp: 351534

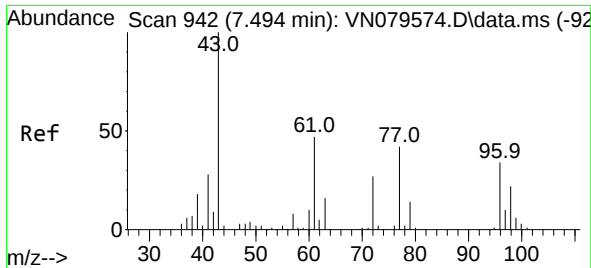
Ion Ratio Lower Upper

43 100

57 8.1 6.4 9.6

72 26.2 20.7 31.1





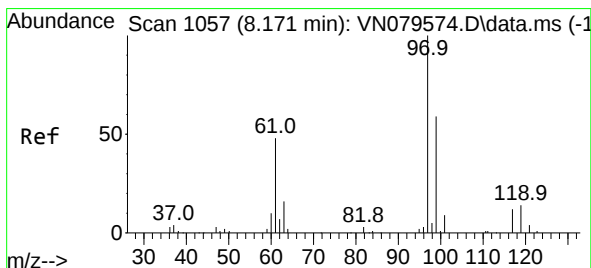
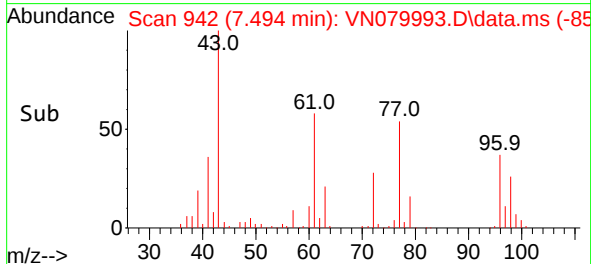
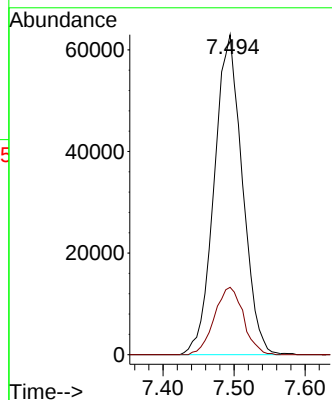
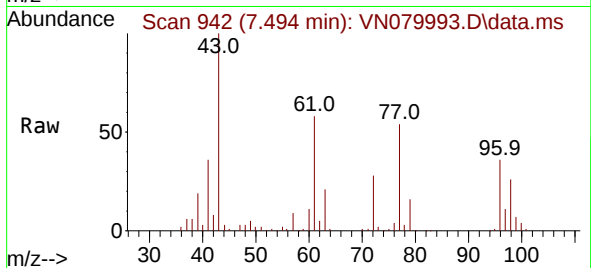
#31
2,2-Dichloropropane
Concen: 20.658 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823

Tgt Ion: 77 Resp: 173368
Ion Ratio Lower Upper
77 100
97 21.7 17.9 26.9

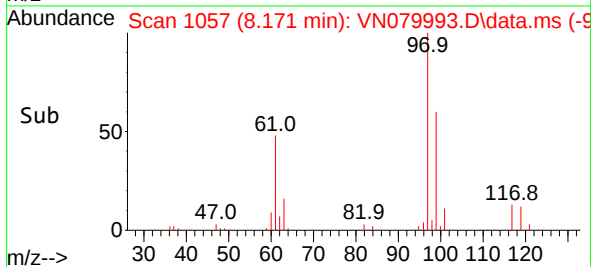
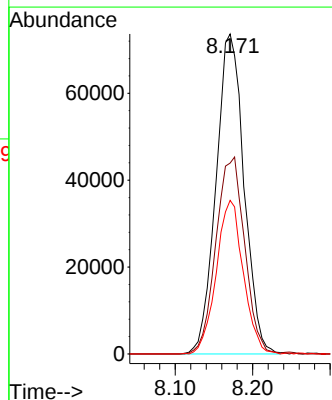
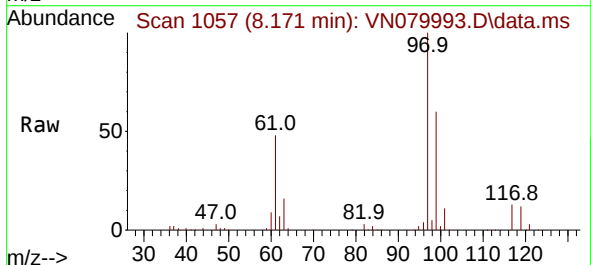
Manual Integrations
APPROVED

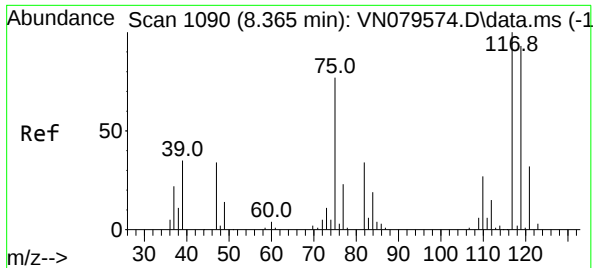
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#32
1,1,1-Trichloroethane
Concen: 20.916 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

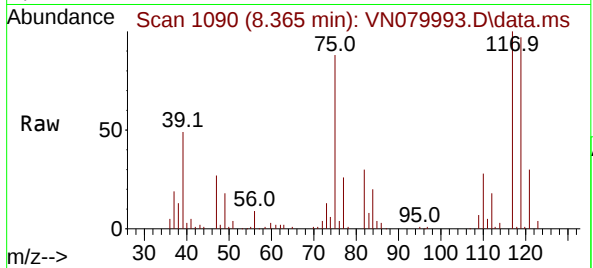
Tgt Ion: 97 Resp: 185405
Ion Ratio Lower Upper
97 100
99 63.1 51.9 77.9
61 46.2 37.6 56.4





#33
Carbon Tetrachloride
Concen: 20.729 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

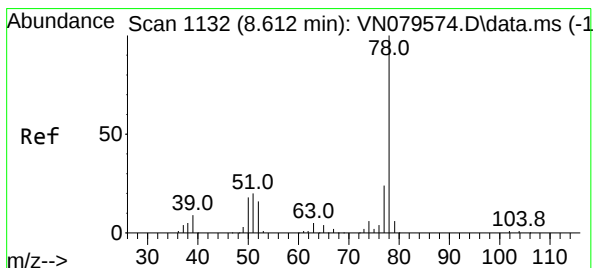
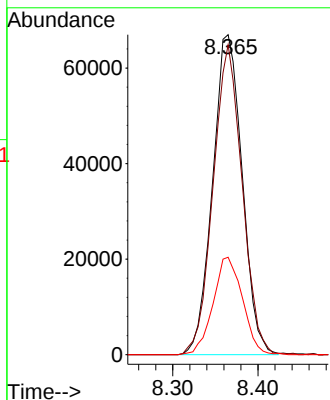
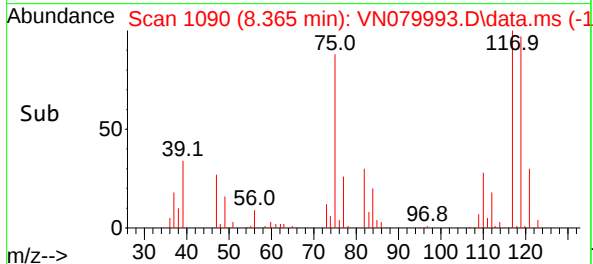
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



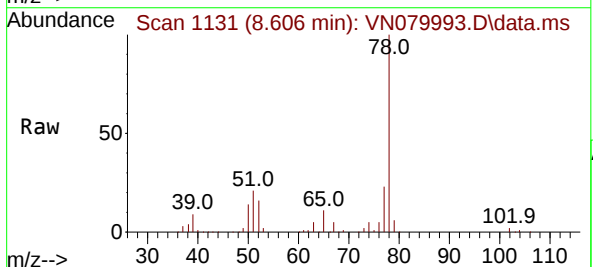
Tgt Ion:117 Resp: 161510
Ion Ratio Lower Upper
117 100
119 96.8 75.0 112.6
121 30.5 24.3 36.5

Manual Integrations
APPROVED

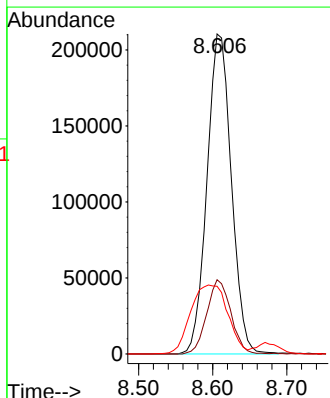
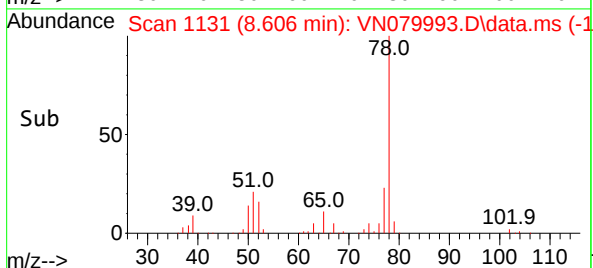
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

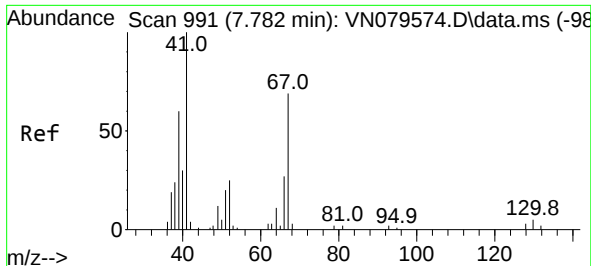


#34
Benzene
Concen: 20.854 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



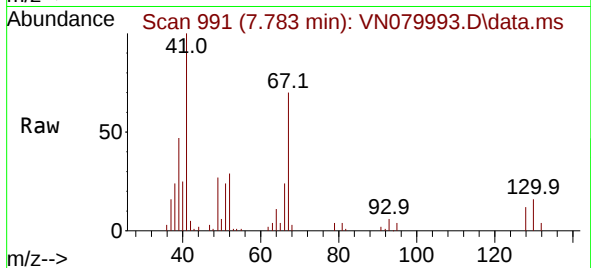
Tgt Ion: 78 Resp: 481042
Ion Ratio Lower Upper
78 100
77 23.2 19.7 29.5
51 18.9 15.8 23.6





#35
Methacrylonitrile
Concen: 19.417 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

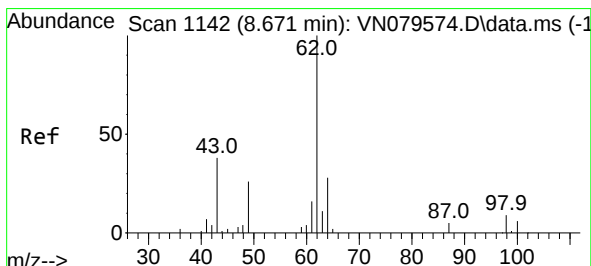
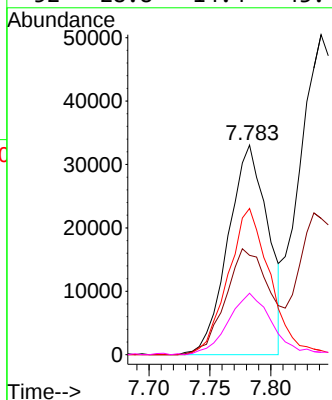
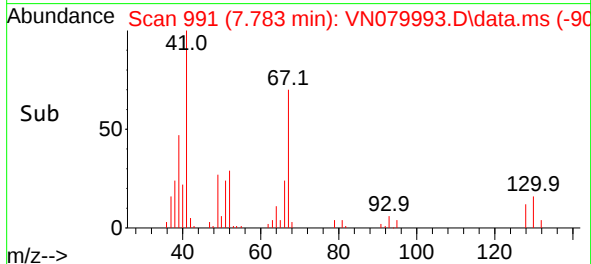
Instrument :
MSVOA_N
Client Sample Id :
ICNVN110823



Tgt Ion: 41 Resp: 75490
Ion Ratio Lower Upper
41 100
39 47.4 26.3 78.8
67 69.7 37.5 112.3
52 28.8 14.4 43.4

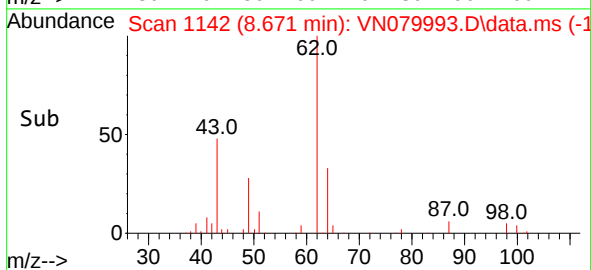
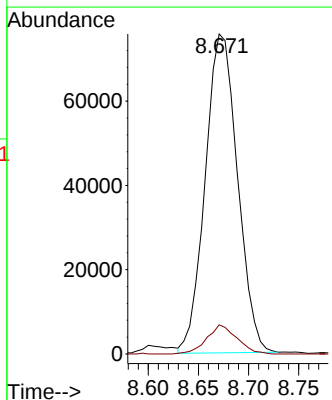
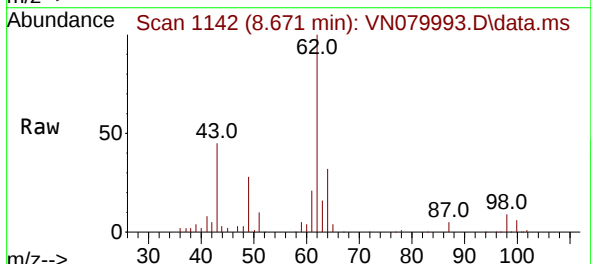
Manual Integrations
APPROVED

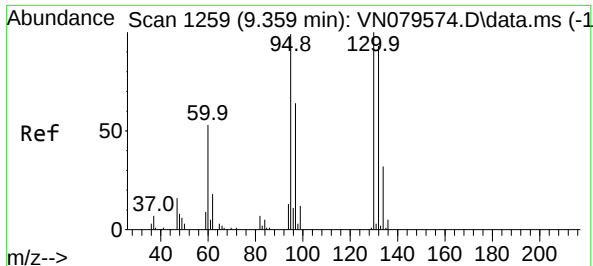
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,2-Dichloroethane
Concen: 20.339 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 62 Resp: 169785
Ion Ratio Lower Upper
62 100
98 8.5 7.2 10.8





#37

Trichloroethene

Concen: 20.153 ug/l

RT: 9.359 min Scan# 111794

Delta R.T. -0.000 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion:130 Resp: 111794

Ion Ratio Lower Upper

130 100

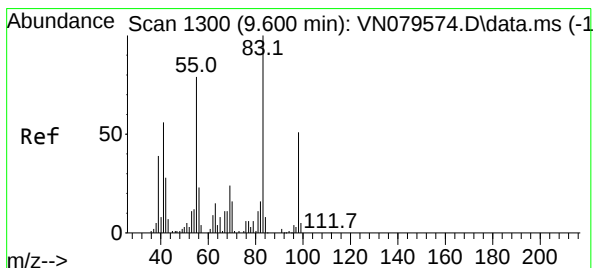
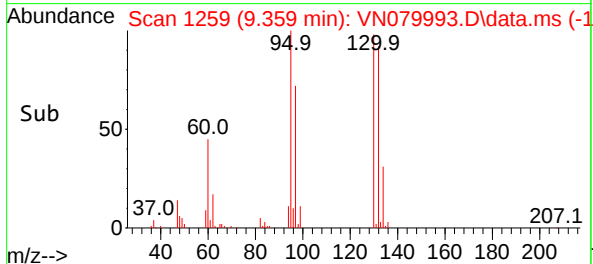
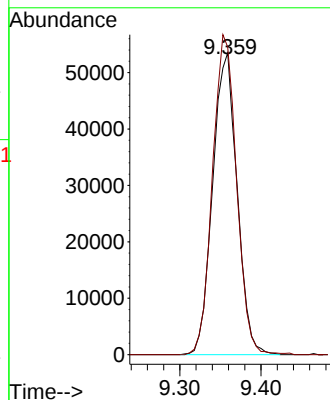
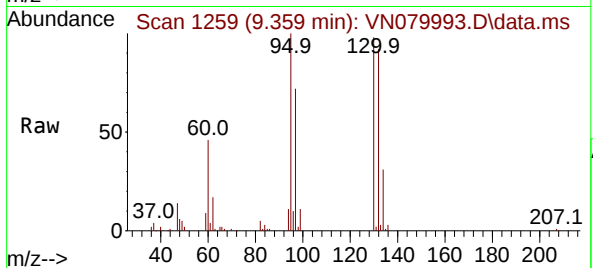
95 101.8 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#38

Methylcyclohexane

Concen: 19.611 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

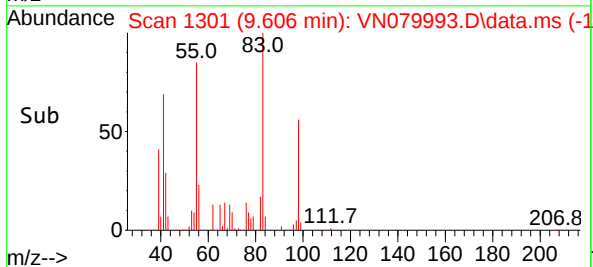
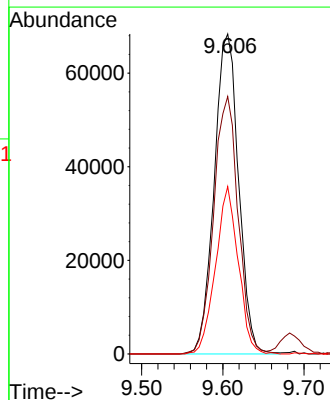
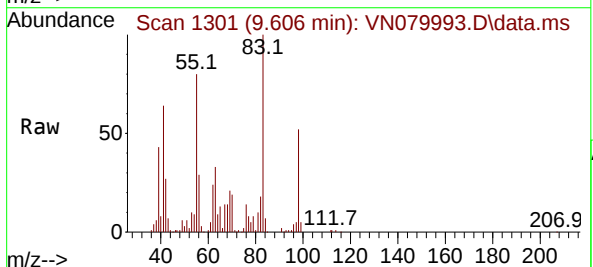
Tgt Ion: 83 Resp: 142985

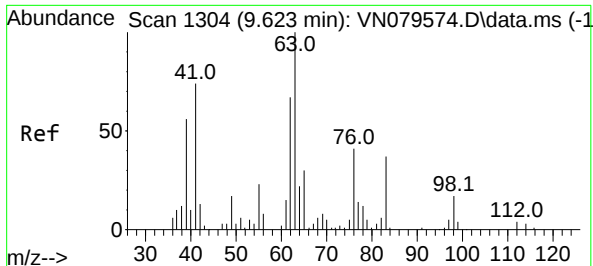
Ion Ratio Lower Upper

83 100

55 80.9 39.7 119.1

98 48.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.058 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion: 63 Resp: 122460

Ion Ratio Lower Upper

63 100

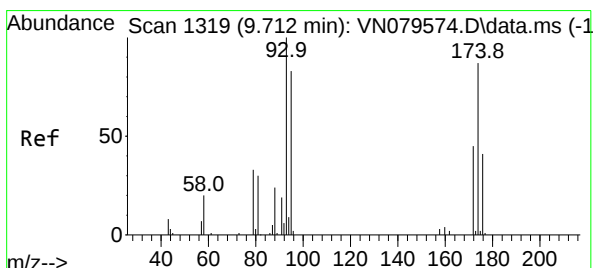
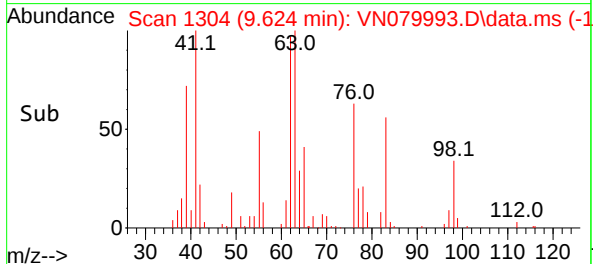
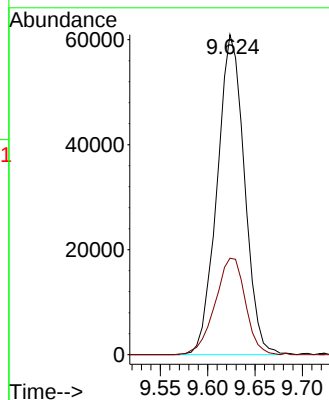
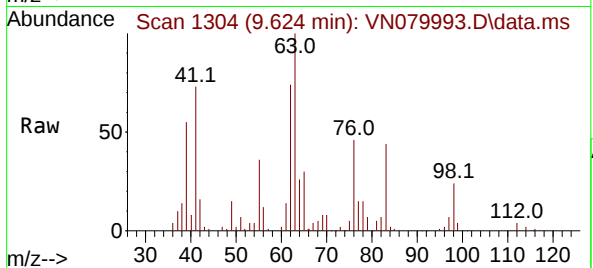
65 30.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Dibromomethane

Concen: 20.400 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

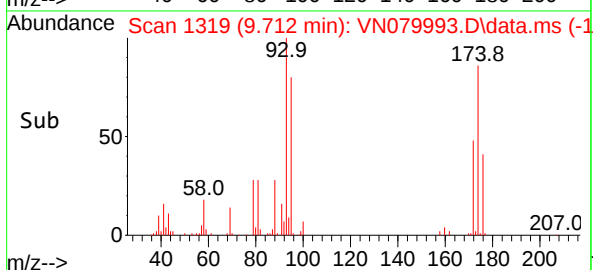
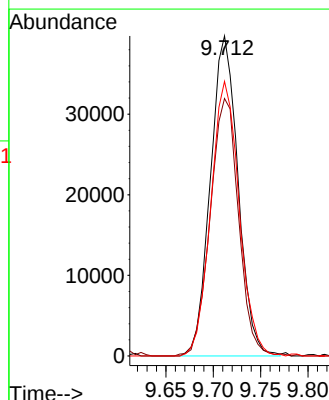
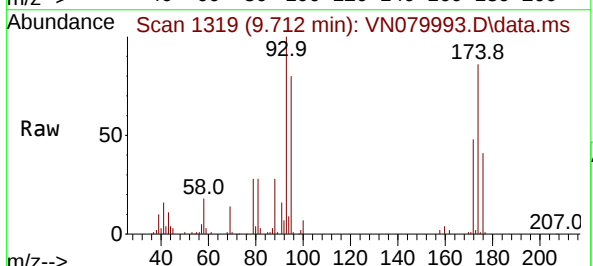
Tgt Ion: 93 Resp: 80507

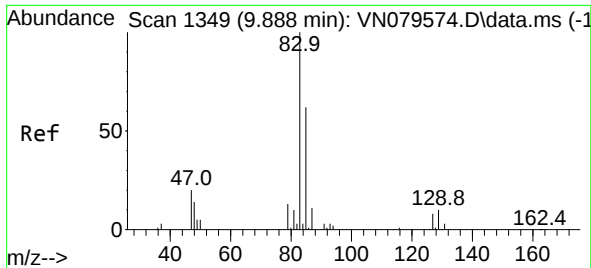
Ion Ratio Lower Upper

93 100

95 82.1 0.0 166.6

174 88.2 0.0 171.0





#41
Bromodichloromethane
Concen: 20.629 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

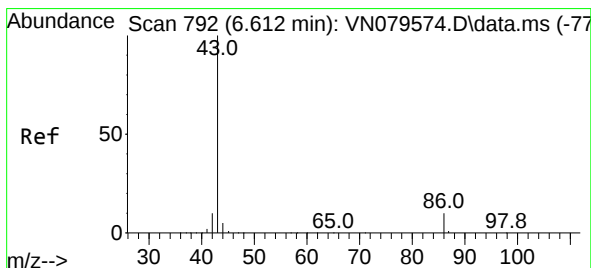
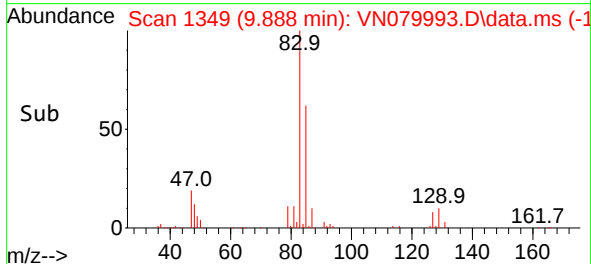
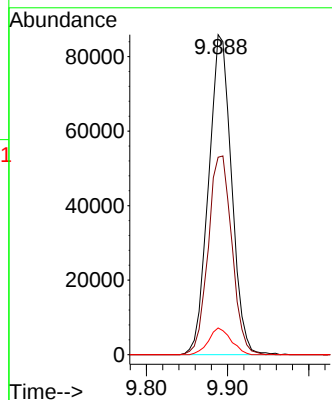
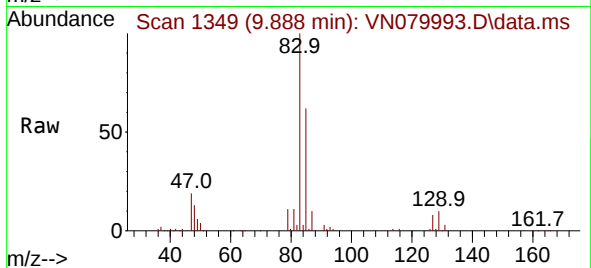
ICVVN110823

Tgt Ion: 83 Resp: 16861
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5
127 8.4 6.8 10.2

Manual Integrations

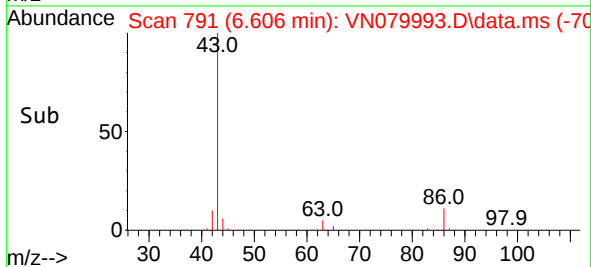
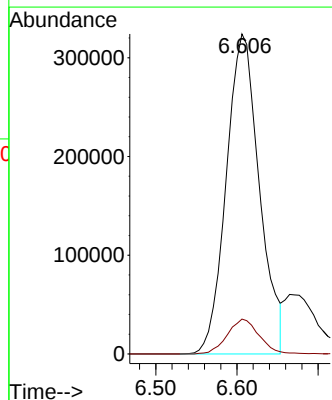
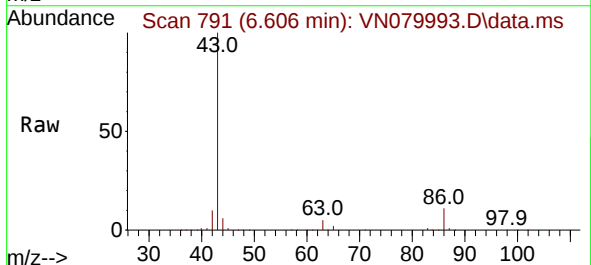
APPROVED

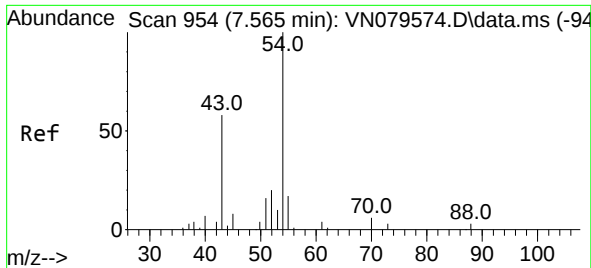
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
Vinyl Acetate
Concen: 99.925 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 43 Resp: 920414
Ion Ratio Lower Upper
43 100
86 10.5 8.2 12.2





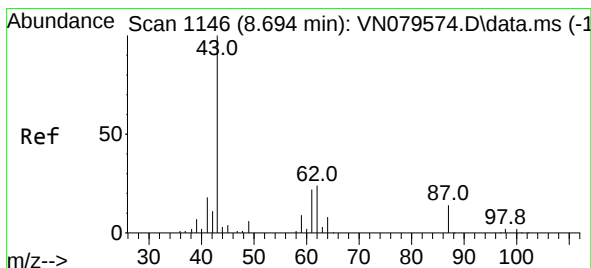
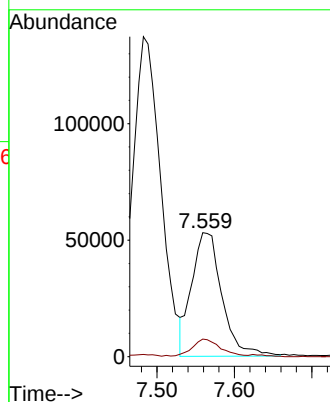
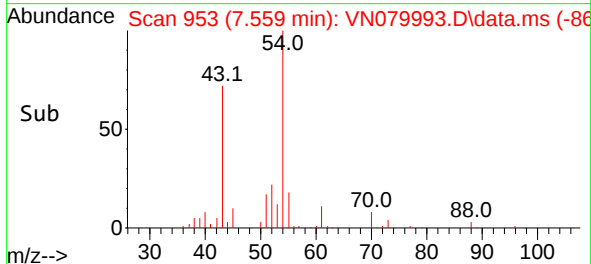
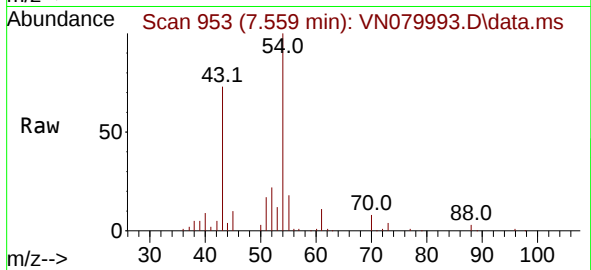
#43
Ethyl Acetate
Concen: 20.632 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823

Tgt Ion: 43 Resp: 143728
Ion Ratio Lower Upper
43 100
45 13.4 11.8 17.8

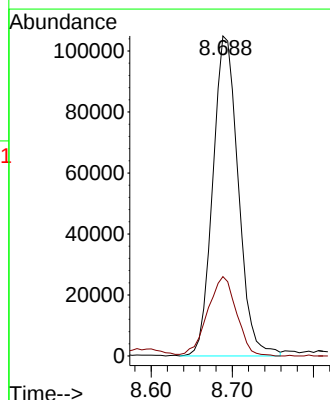
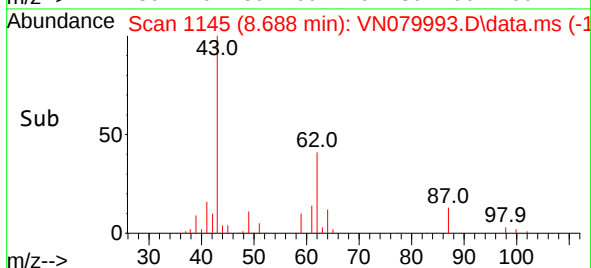
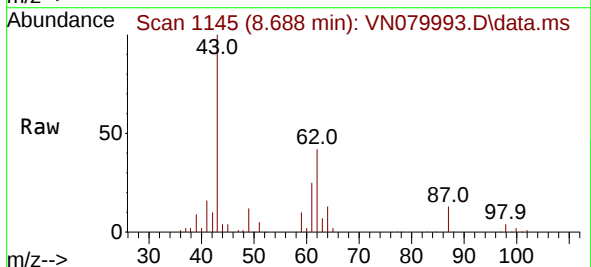
Manual Integrations
APPROVED

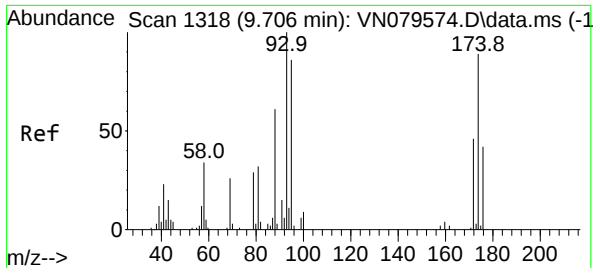
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Isopropyl Acetate
Concen: 20.185 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

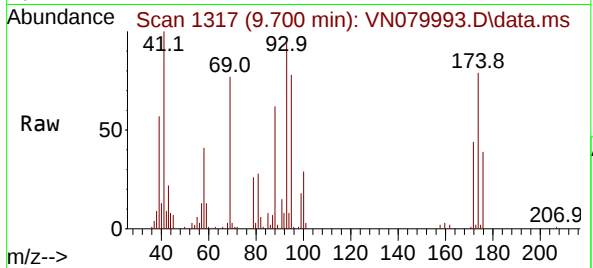
Tgt Ion: 43 Resp: 229121
Ion Ratio Lower Upper
43 100
61 28.1 20.3 30.5





#45
1,4-Dioxane
Concen: 414.368 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

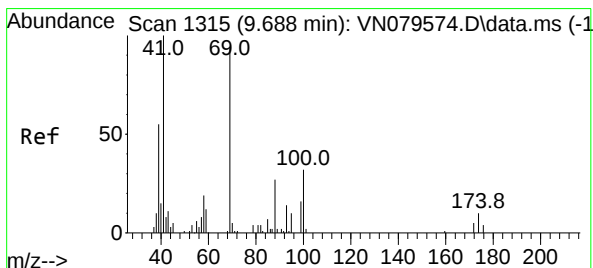
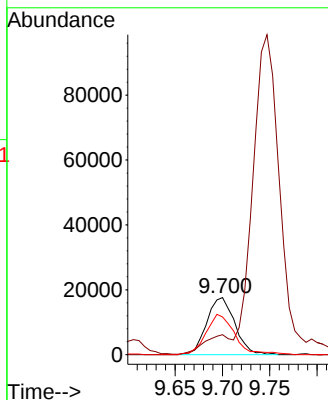
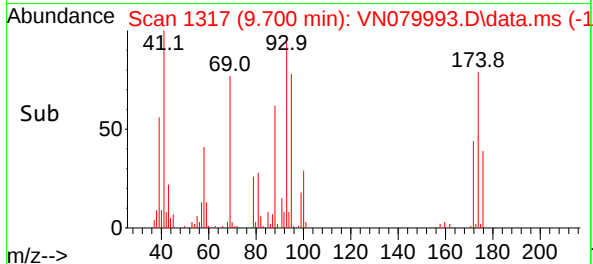
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion: 88 Resp: 3624
Ion Ratio Lower Upper
88 100
43 33.7 28.7 43.1
58 68.1 56.9 85.3

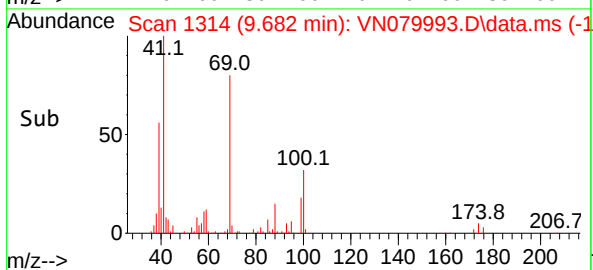
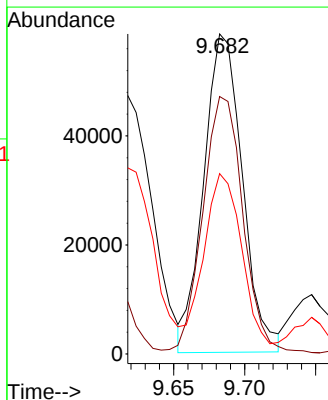
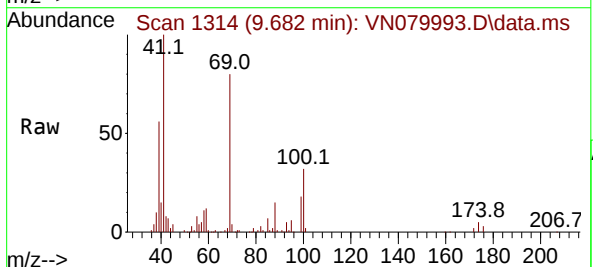
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APPROVED

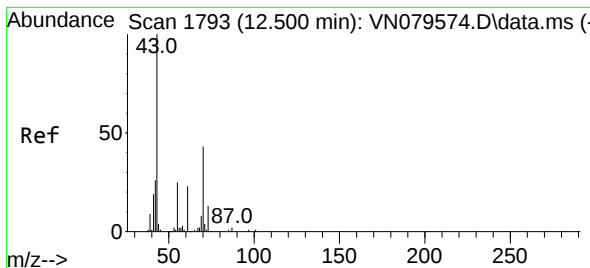
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#46
Methyl methacrylate
Concen: 20.275 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 41 Resp: 110631
Ion Ratio Lower Upper
41 100
69 83.4 40.0 119.9
39 56.3 31.1 93.3





#47

n-amy1 Acetate

Concen: 20.024 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079993.D

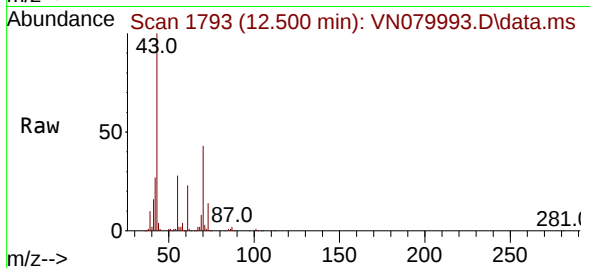
Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823



Tgt Ion: 43 Resp: 182574

Ion Ratio Lower Upper

43 100

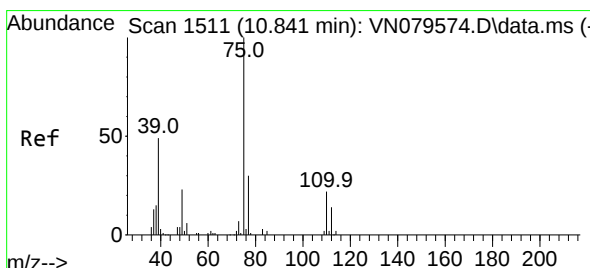
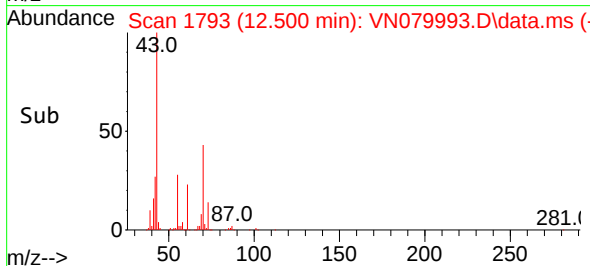
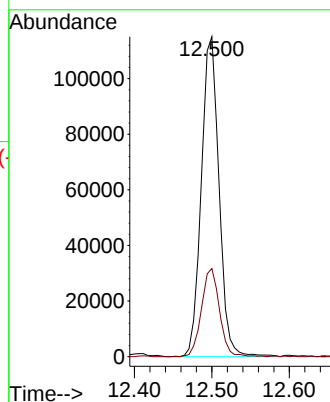
55 27.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#48

t-1,3-Dichloropropene

Concen: 20.311 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079993.D

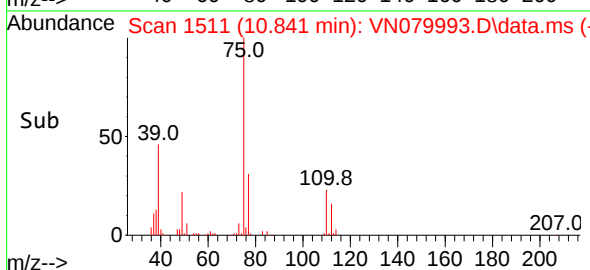
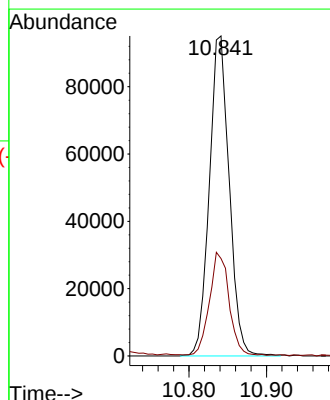
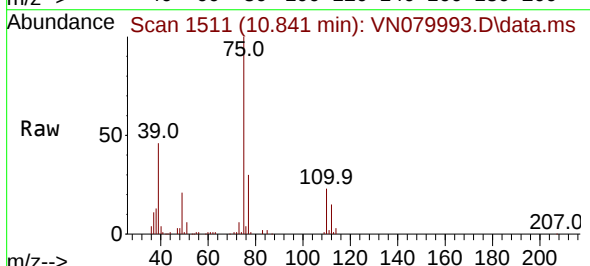
Acq: 08 Nov 2023 15:28

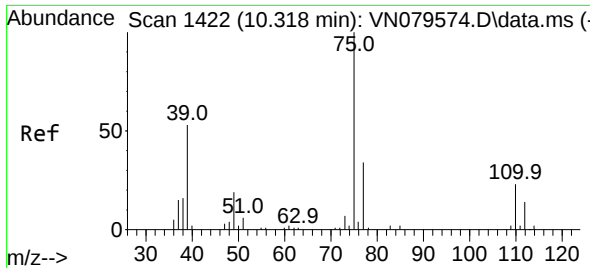
Tgt Ion: 75 Resp: 169546

Ion Ratio Lower Upper

75 100

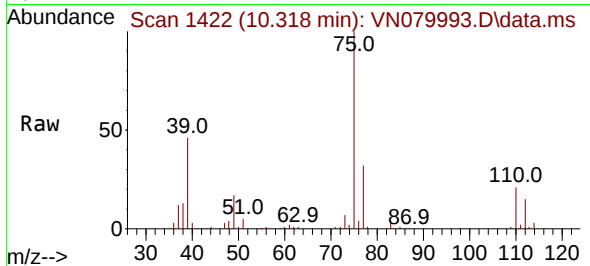
77 30.1 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 20.414 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

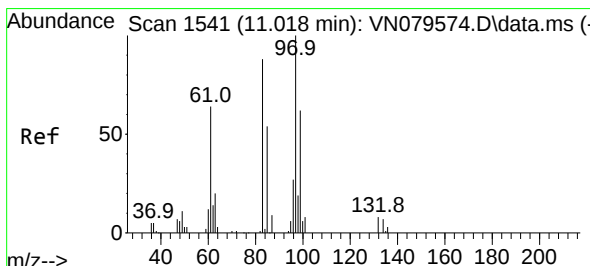
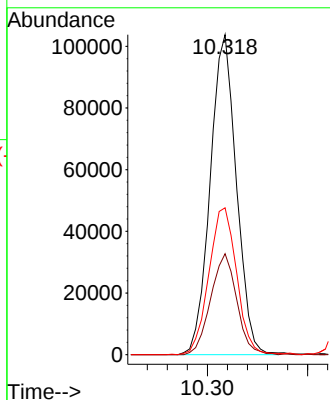
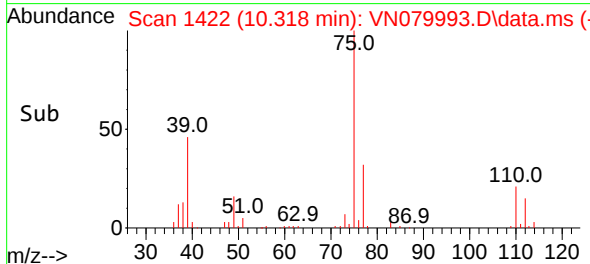
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN110823



Tgt Ion: 75 Resp: 188378
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 45.9 42.4 63.6

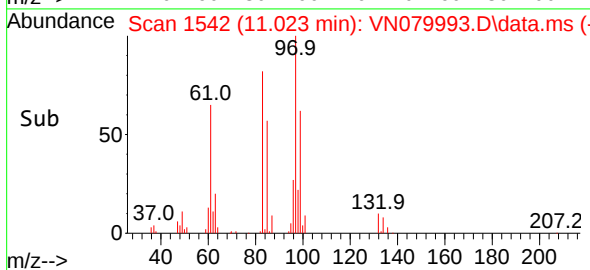
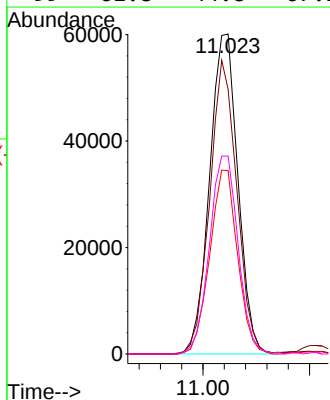
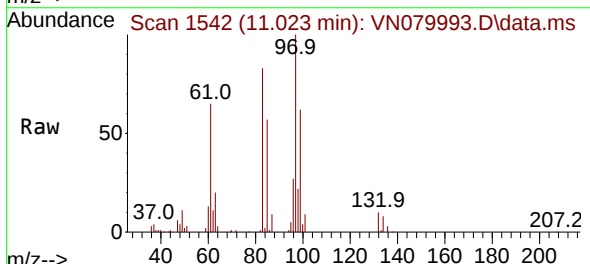
Manual Integrations
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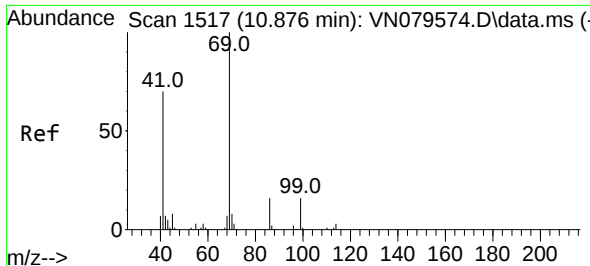
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.617 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.005 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

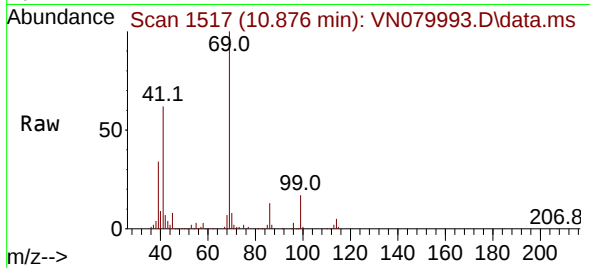
Tgt Ion: 97 Resp: 110986
 Ion Ratio Lower Upper
 97 100
 83 82.4 68.2 102.4
 85 57.3 42.9 64.3
 99 61.8 44.8 67.2





#51
Ethyl methacrylate
Concen: 19.815 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

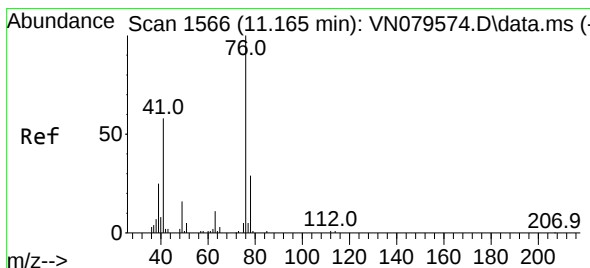
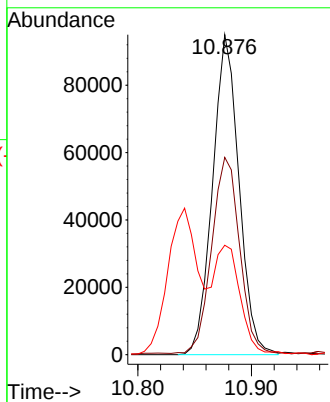
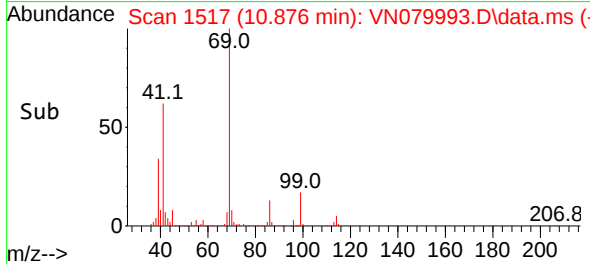
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



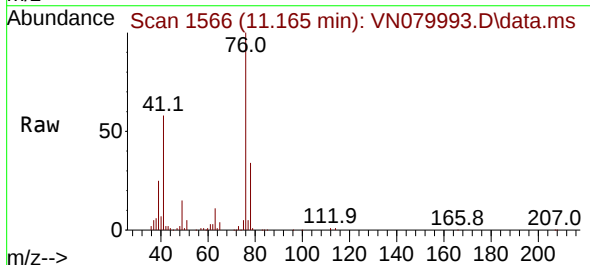
Tgt Ion: 69 Resp: 15332
Ion Ratio Lower Upper
69 100
41 61.1 33.8 101.3
39 33.2 21.3 63.9

Manual Integrations
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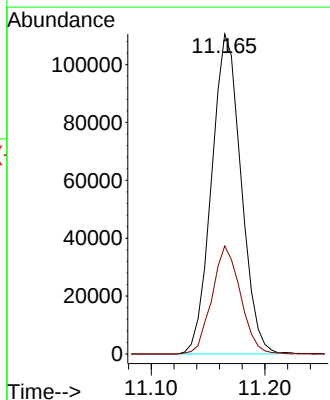
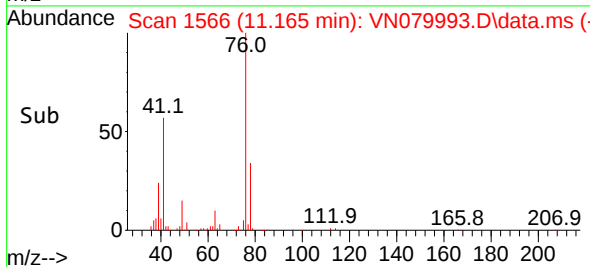
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

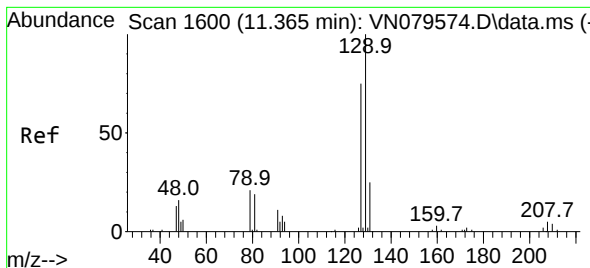


#52
1,3-Dichloropropane
Concen: 20.703 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



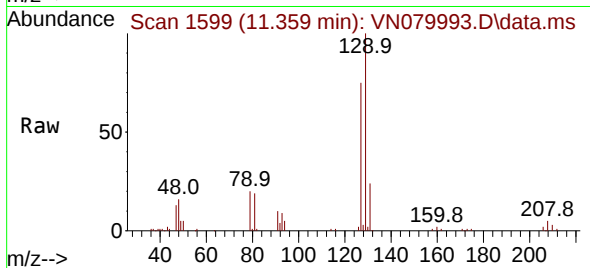
Tgt Ion: 76 Resp: 199254
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0





#53
Dibromochloromethane
Concen: 19.907 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

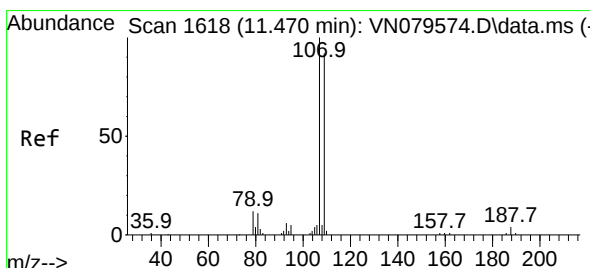
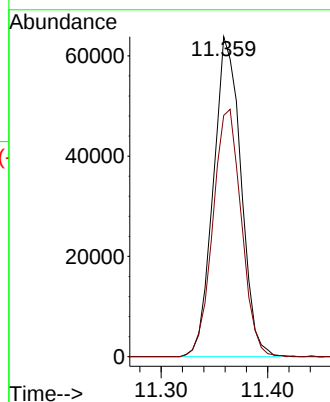
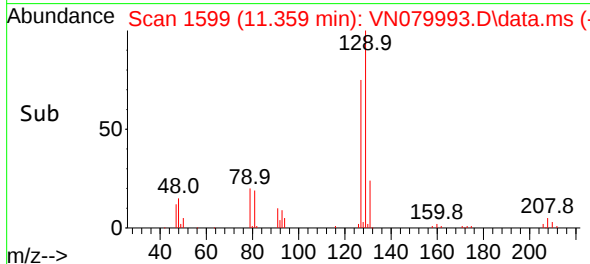
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



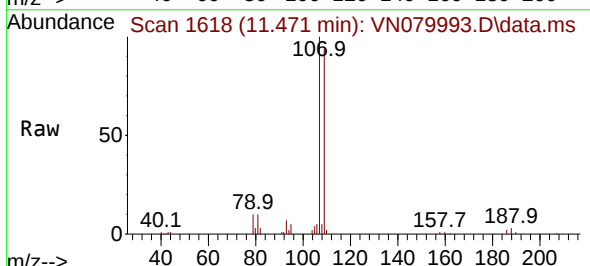
Tgt Ion:129 Resp: 11464
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.3

Manual Integrations
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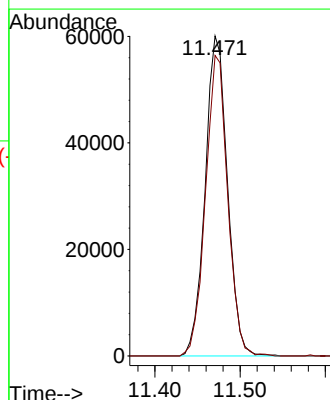
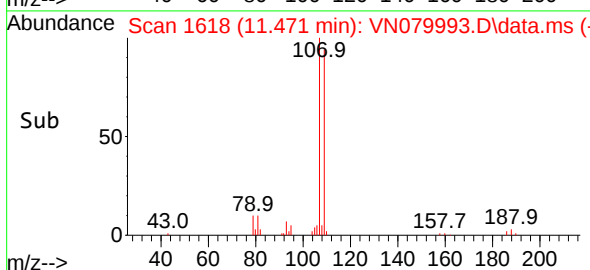
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

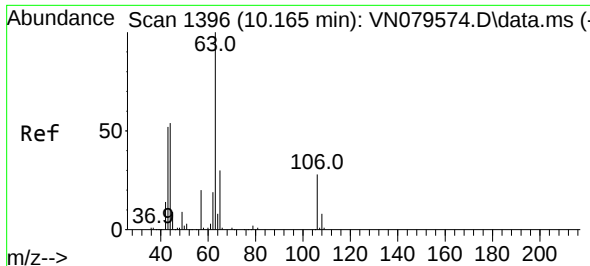


#54
1,2-Dibromoethane
Concen: 20.256 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



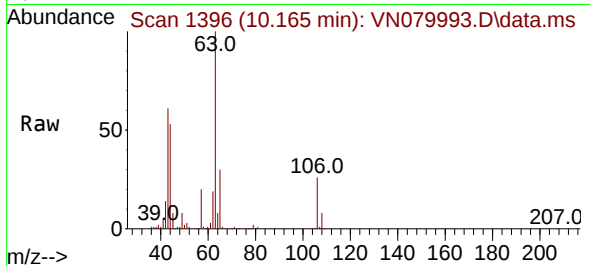
Tgt Ion:107 Resp: 109496
Ion Ratio Lower Upper
107 100
109 93.0 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 86.909 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

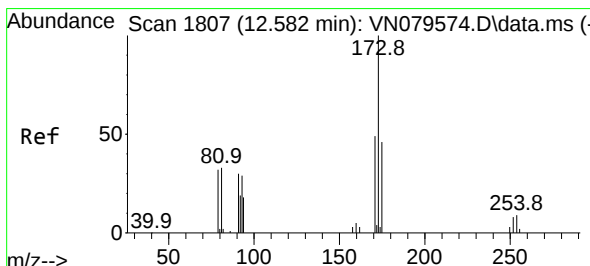
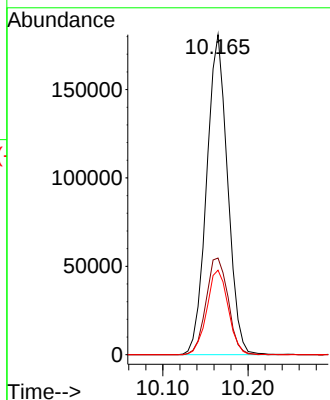
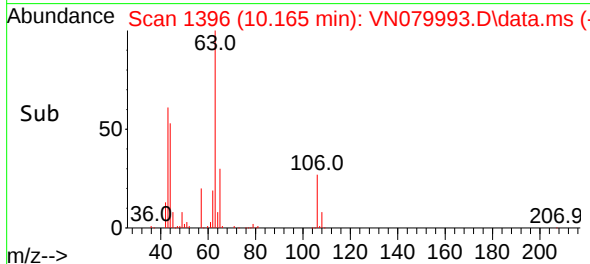
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion: 63 Resp: 309288
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 27.0 20.6 30.8

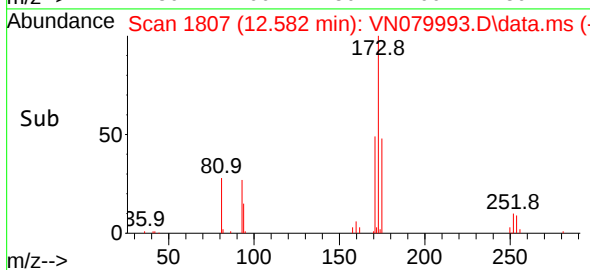
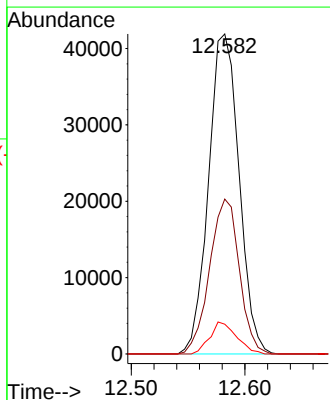
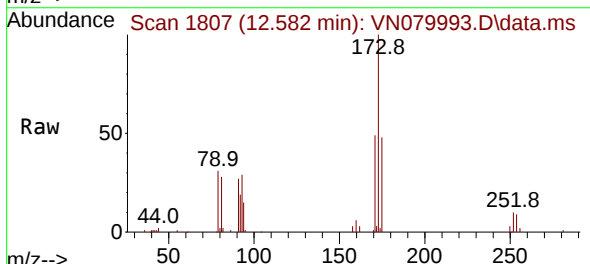
Manual Integrations
APPROVED

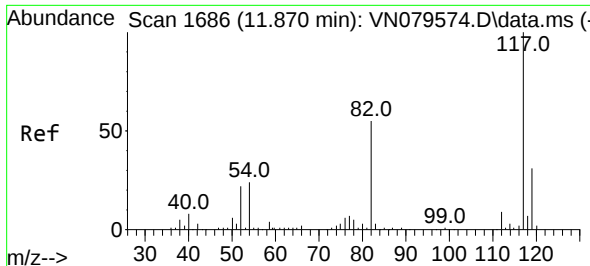
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Bromoform
Concen: 20.722 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

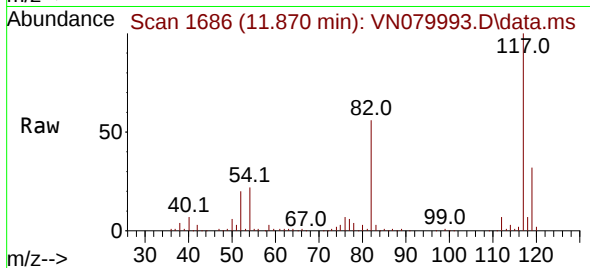
Tgt Ion:173 Resp: 78200
Ion Ratio Lower Upper
173 100
175 47.1 37.9 56.9
254 8.7 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117930
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

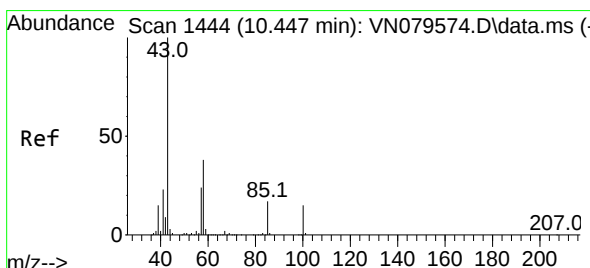
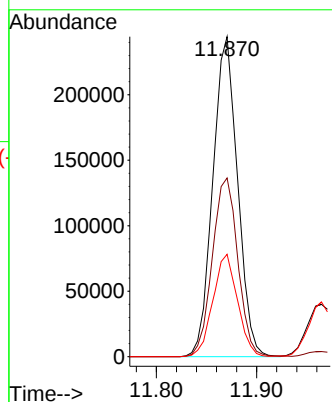
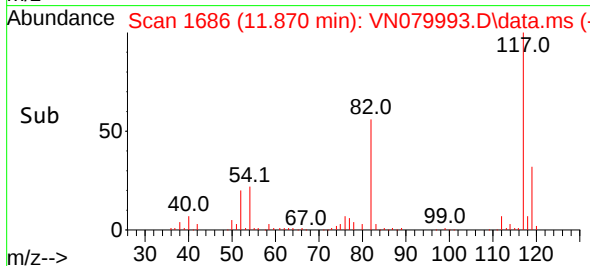
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



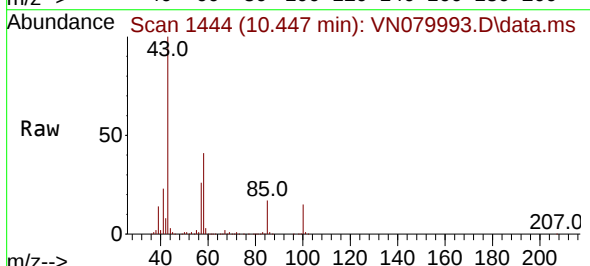
Tgt Ion: 117 Resp: 417930
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 31.9 25.2 37.8

Manual Integrations
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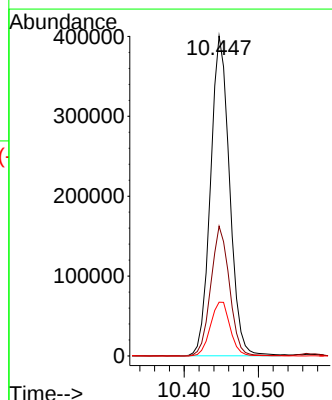
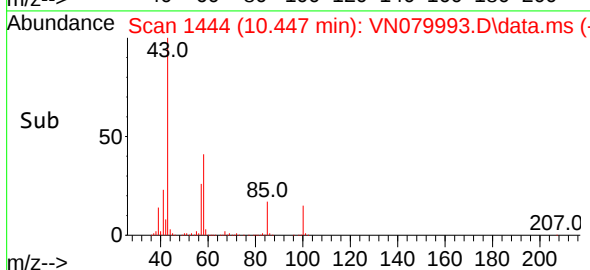
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

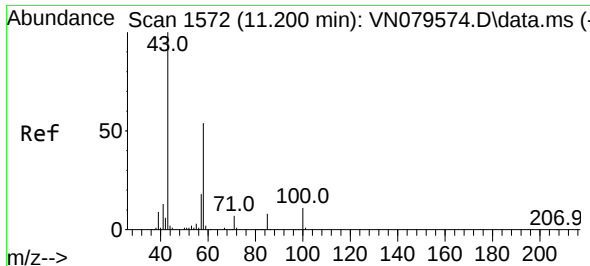


#58
4-Methyl-2-Pentanone
Concen: 102.475 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



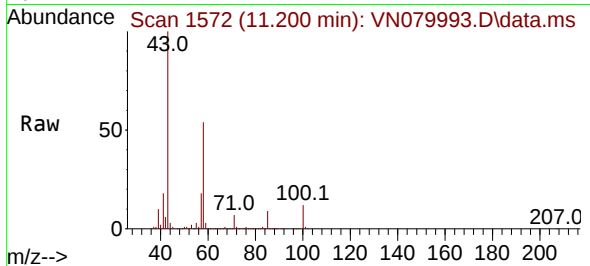
Tgt Ion: 43 Resp: 715509
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6
85 17.4 13.2 19.8





#59
2-Hexanone
Concen: 98.099 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

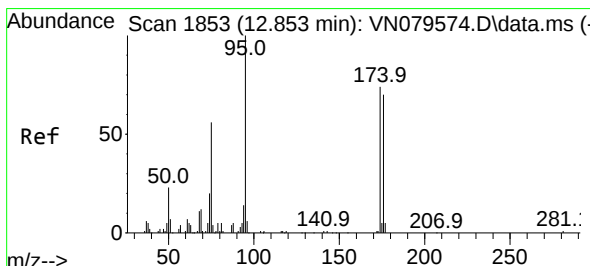
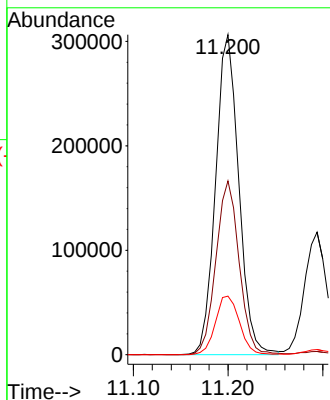
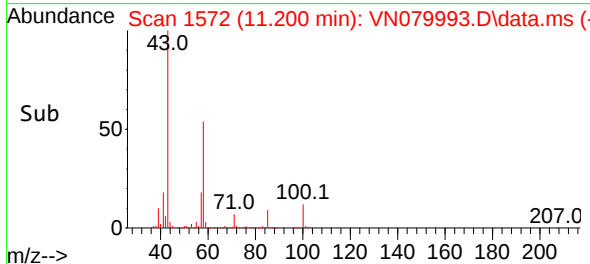
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion: 43 Resp: 52178
Ion Ratio Lower Upper
43 100
58 54.4 42.3 63.5
57 19.1 13.9 20.9

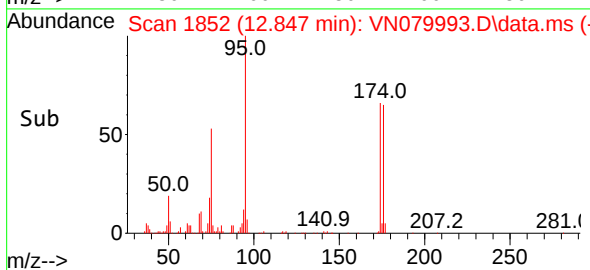
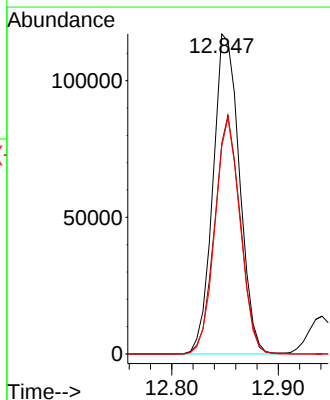
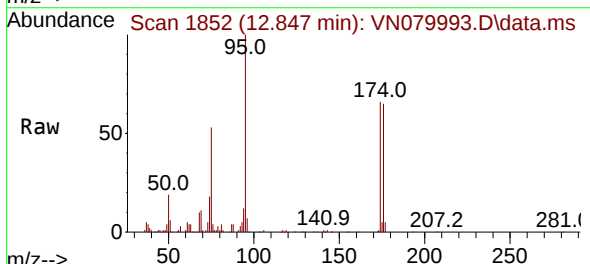
Manual Integrations
APPROVED

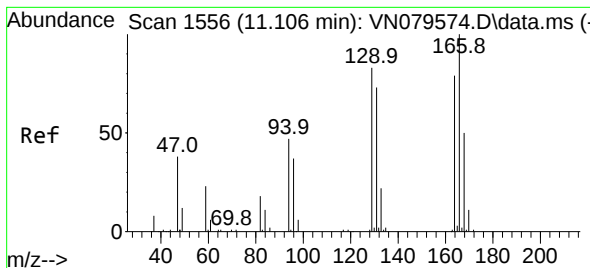
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 30.272 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 95 Resp: 202324
Ion Ratio Lower Upper
95 100
174 72.0 60.5 90.7
176 69.9 57.2 85.8





#61

Tetrachloroethene

Concen: 20.823 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion:164 Resp: 102029

Ion Ratio Lower Upper

164 100

166 132.9 98.2 147.4

129 103.4 75.0 112.4

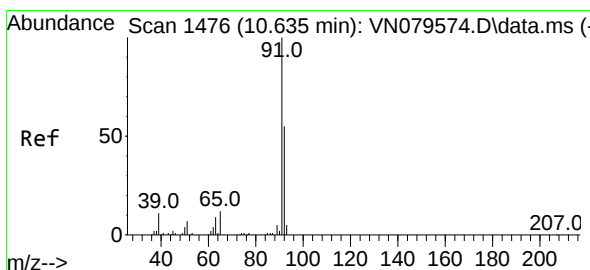
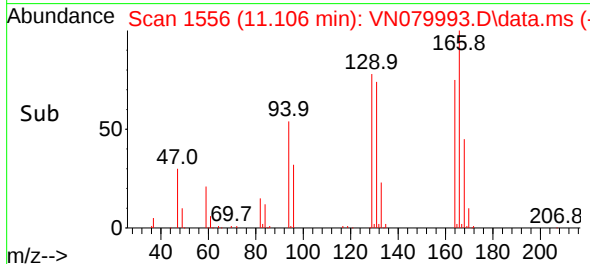
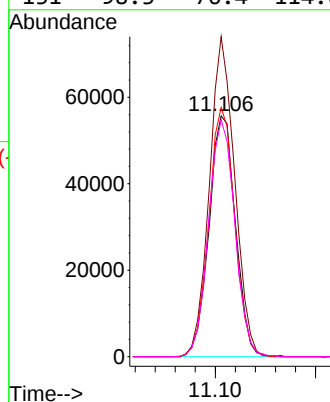
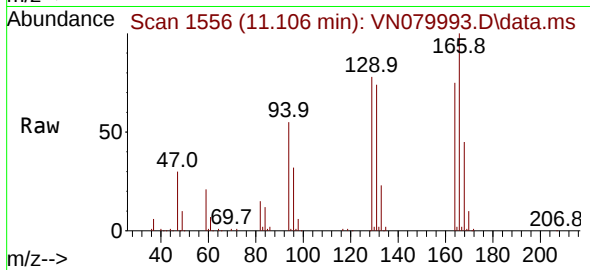
131 98.3 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#62

Toluene

Concen: 20.553 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079993.D

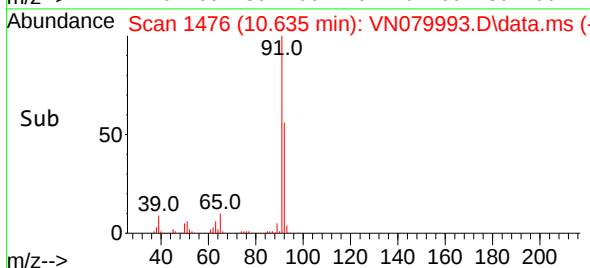
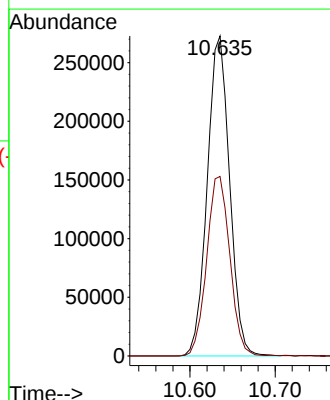
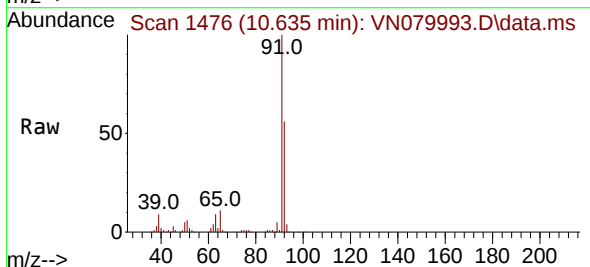
Acq: 08 Nov 2023 15:28

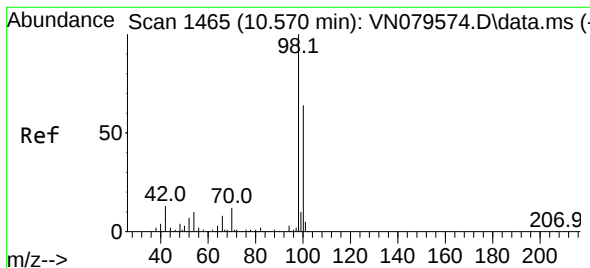
Tgt Ion: 91 Resp: 496806

Ion Ratio Lower Upper

91 100

92 58.0 45.3 67.9





#63

Toluene-d8

Concen: 30.012 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion: 98 Resp: 594319

Ion Ratio Lower Upper

98 100

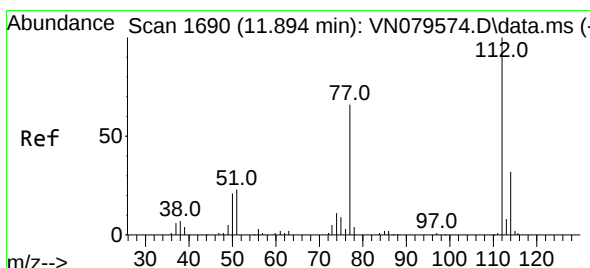
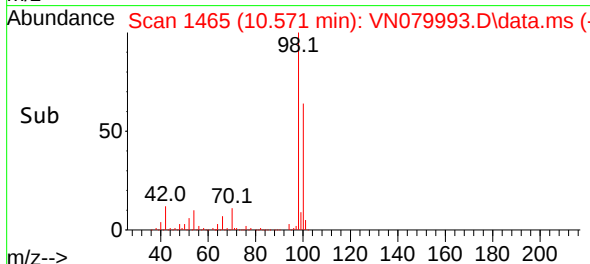
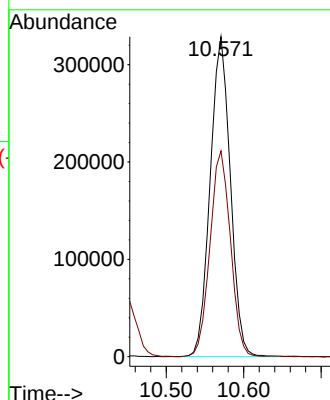
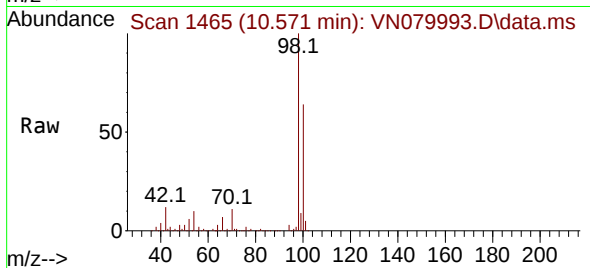
100 65.3 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#64

Chlorobenzene

Concen: 20.417 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079993.D

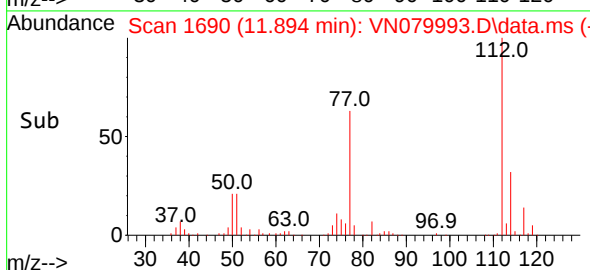
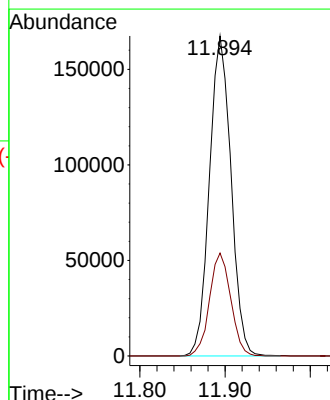
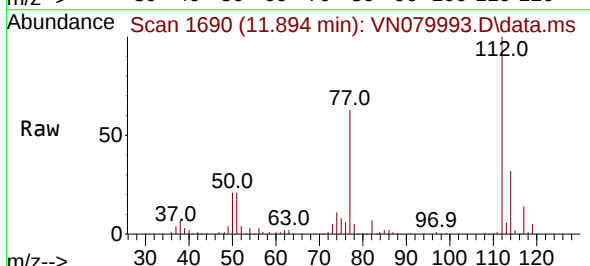
Acq: 08 Nov 2023 15:28

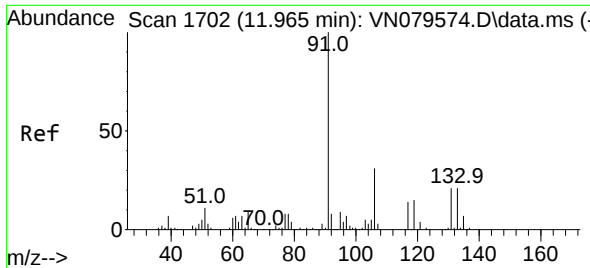
Tgt Ion:112 Resp: 294516

Ion Ratio Lower Upper

112 100

114 32.2 28.1 42.1





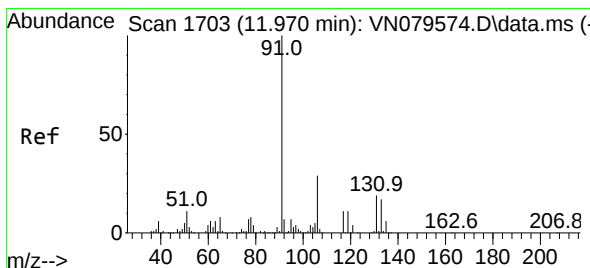
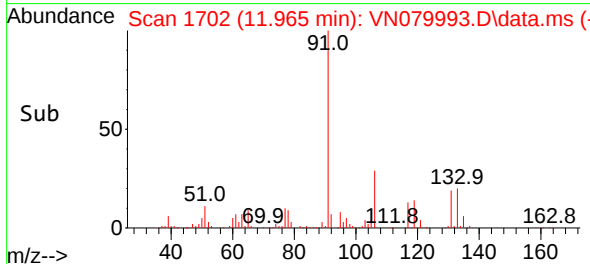
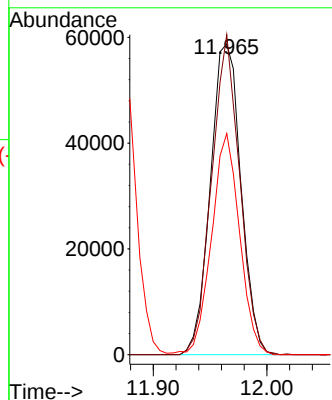
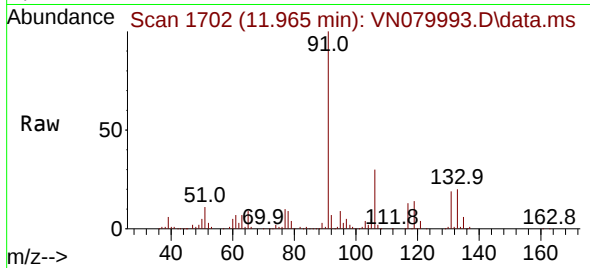
#65
1,1,1,2-Tetrachloroethane
Concen: 20.760 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823

Tgt Ion:131 Resp: 10985
Ion Ratio Lower Upper
131 100
133 94.5 0.0 196.0
119 65.0 0.0 135.6

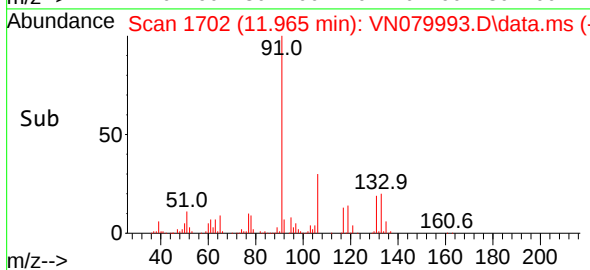
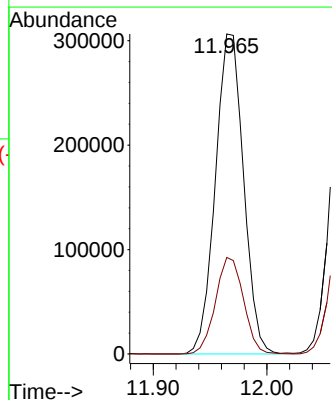
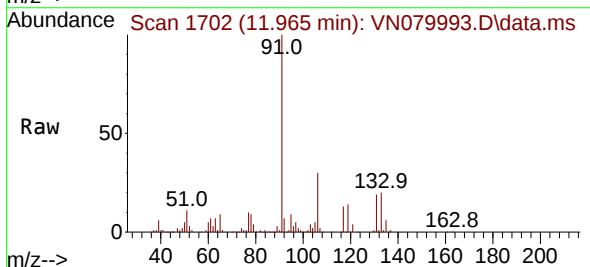
Manual Integrations
APPROVED

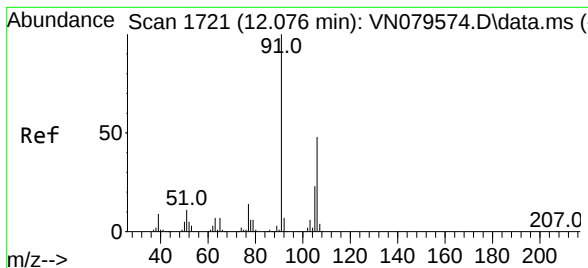
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
Ethyl Benzene
Concen: 20.797 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

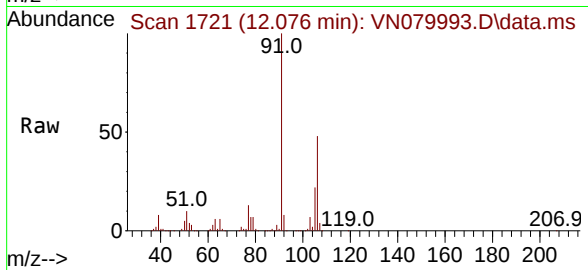
Tgt Ion: 91 Resp: 528272
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





#67
m/p-Xylenes
Concen: 42.398 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

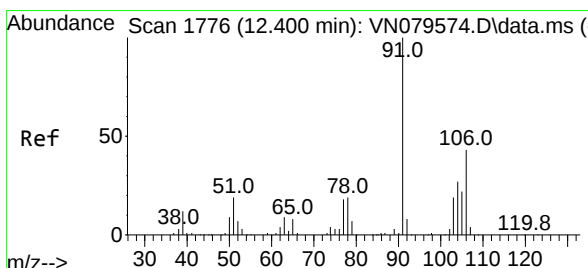
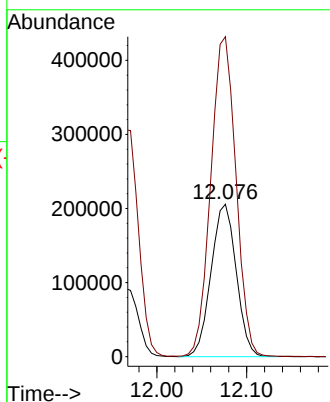
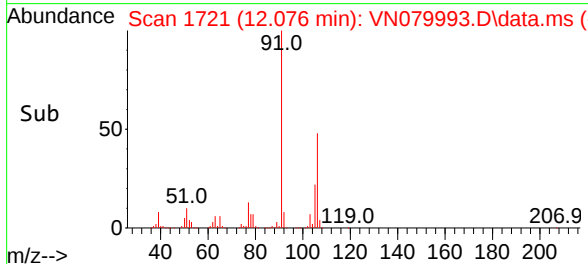
Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823



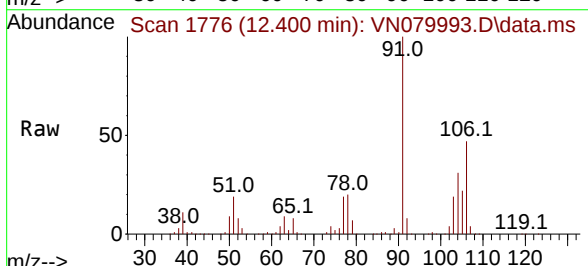
Tgt Ion:106 Resp: 400940
Ion Ratio Lower Upper
106 100
91 210.1 161.8 242.6

Manual Integrations
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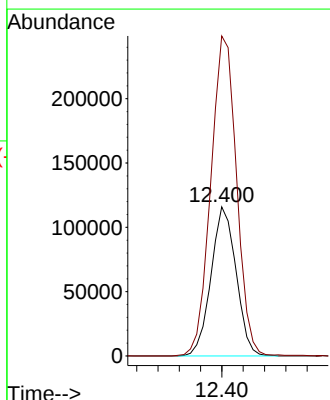
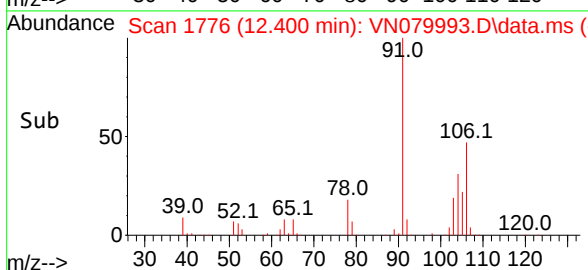
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

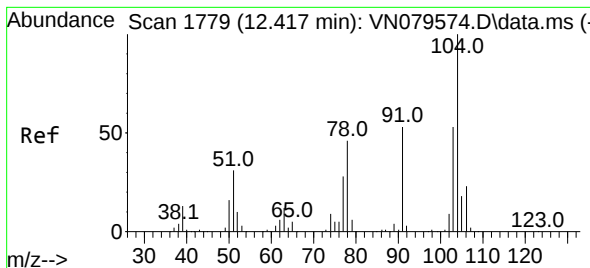


#68
o-Xylene
Concen: 20.866 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



Tgt Ion:106 Resp: 189134
Ion Ratio Lower Upper
106 100
91 220.4 109.9 329.7





#69

Styrene

Concen: 20.903 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110823

Tgt Ion:104 Resp: 31364

Ion Ratio Lower Upper

104 100

78 51.6 41.2 61.8

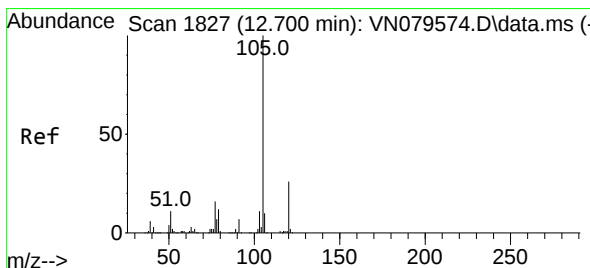
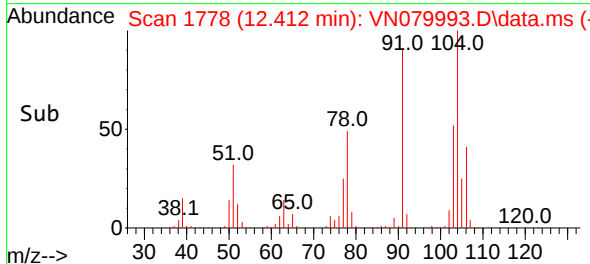
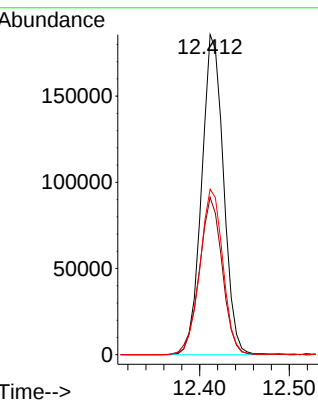
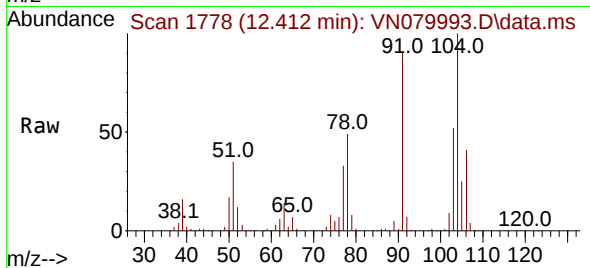
103 54.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#70

Isopropylbenzene

Concen: 20.545 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079993.D

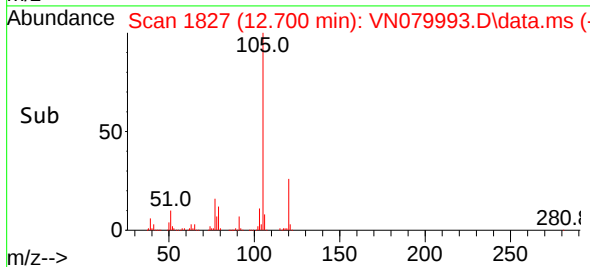
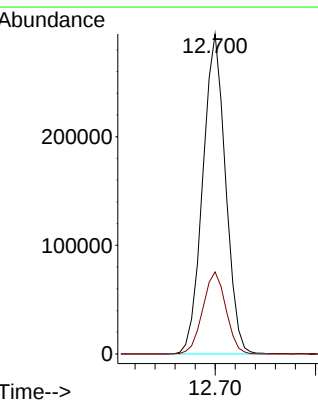
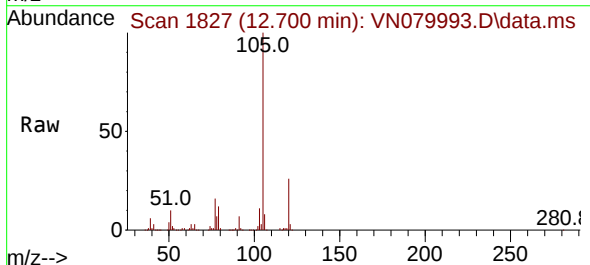
Acq: 08 Nov 2023 15:28

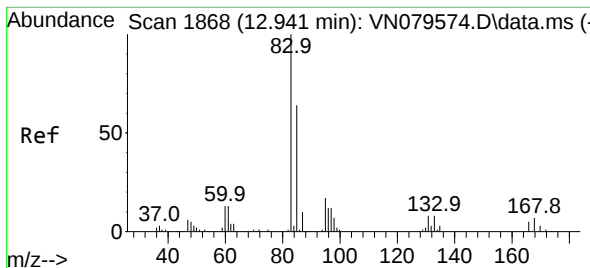
Tgt Ion:105 Resp: 464519

Ion Ratio Lower Upper

105 100

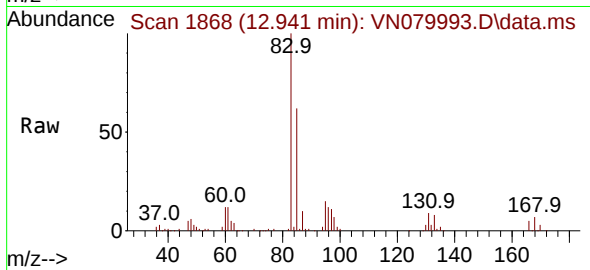
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.293 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

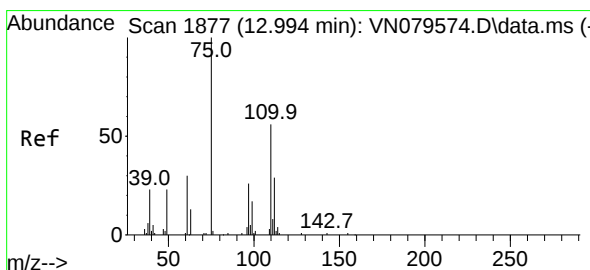
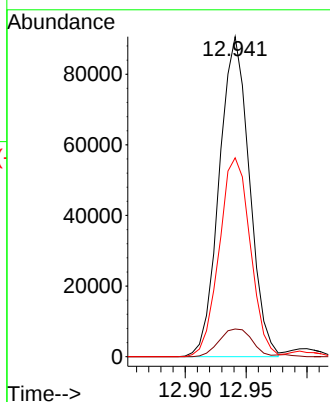
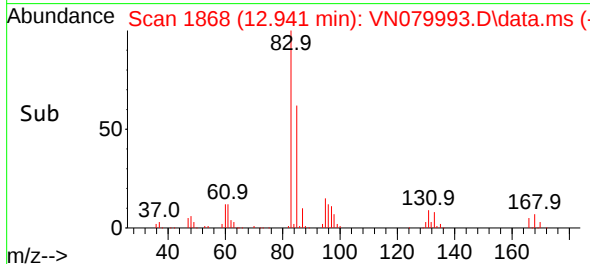
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion: 83 Resp: 156270
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 63.9 32.1 96.3

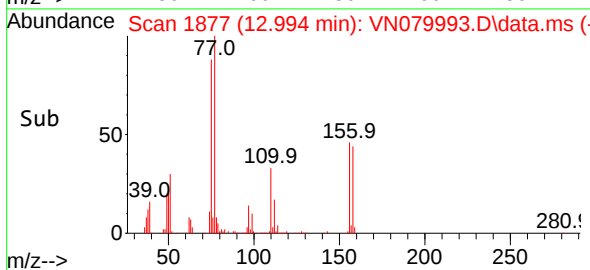
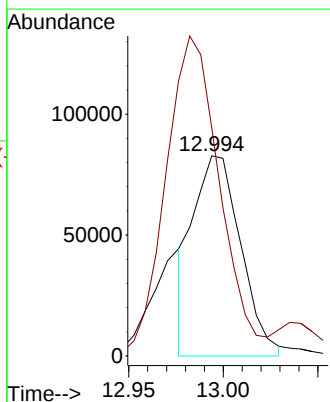
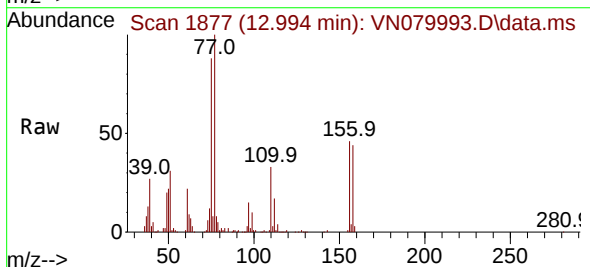
Manual Integrations
APPROVED

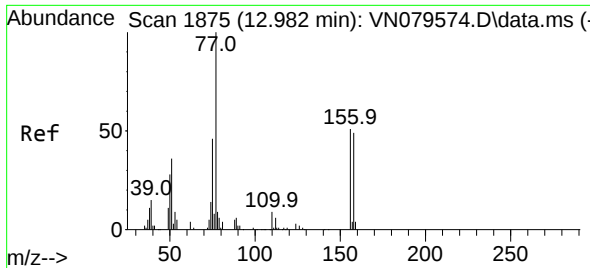
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,2,3-Trichloropropane
Concen: 20.287 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 75 Resp: 145160
Ion Ratio Lower Upper
75 100
77 181.6 0.0 338.2





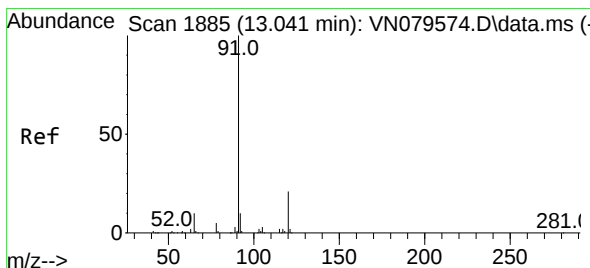
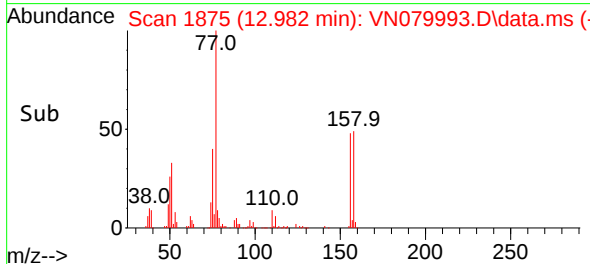
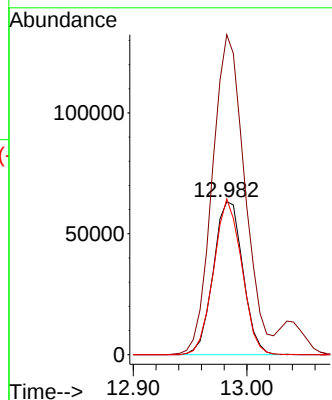
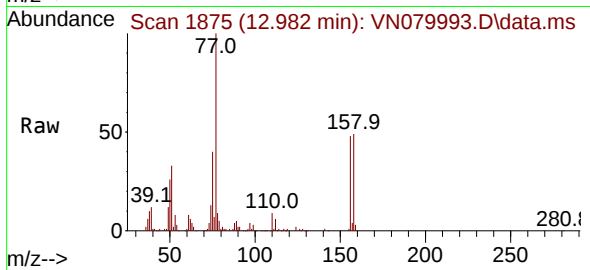
#73
Bromobenzene
Concen: 20.573 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823

Tgt Ion:156 Resp: 114350
Ion Ratio Lower Upper
156 100
77 230.5 0.0 448.2
158 97.0 0.0 194.8

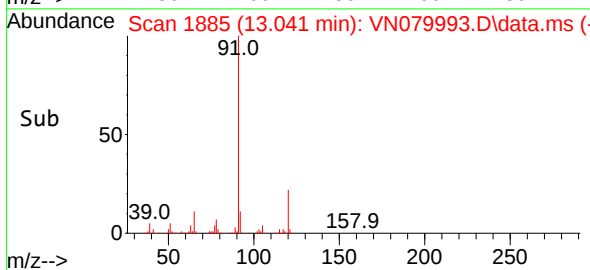
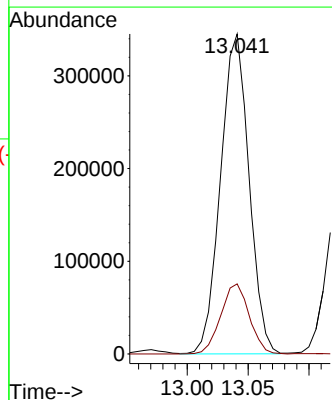
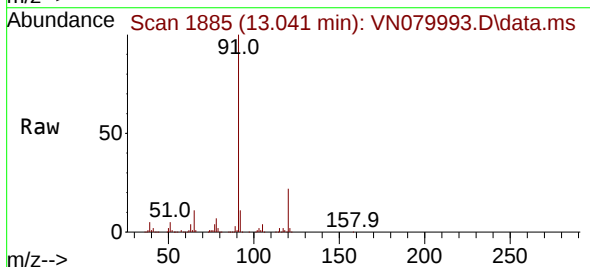
Manual Integrations
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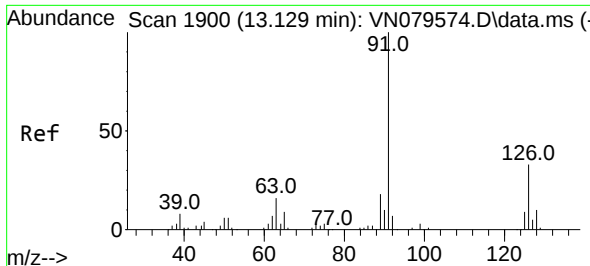
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#74
n-propylbenzene
Concen: 20.765 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion: 91 Resp: 561657
Ion Ratio Lower Upper
91 100
120 21.9 0.0 42.0





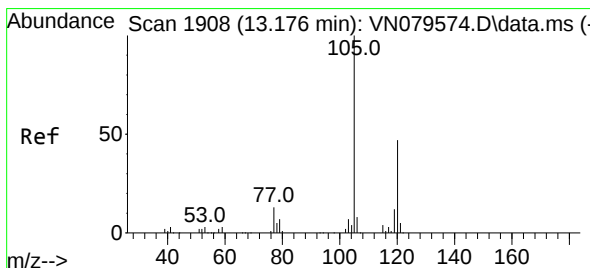
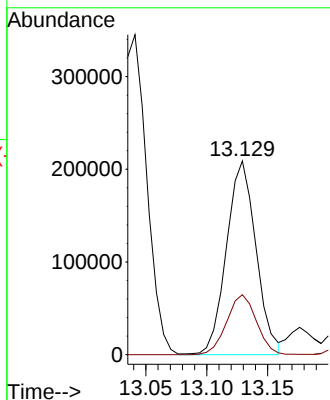
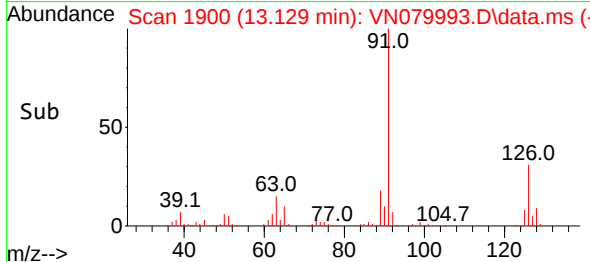
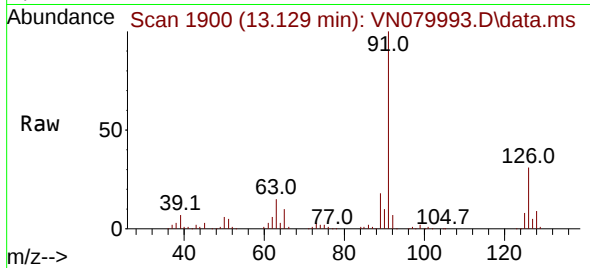
#75
2-Chlorotoluene
Concen: 20.567 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823

Tgt Ion: 91 Resp: 353589
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.6

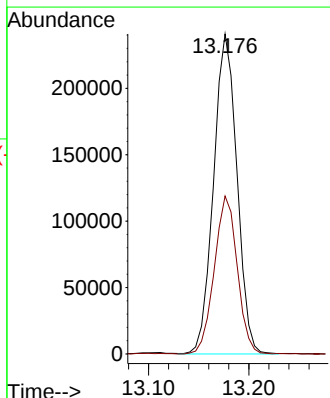
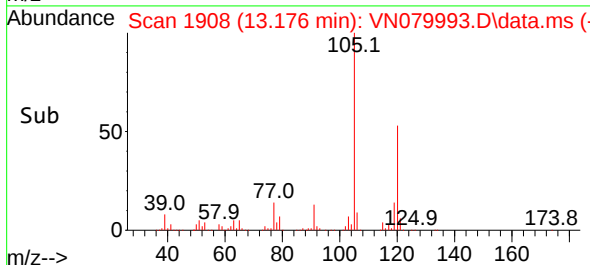
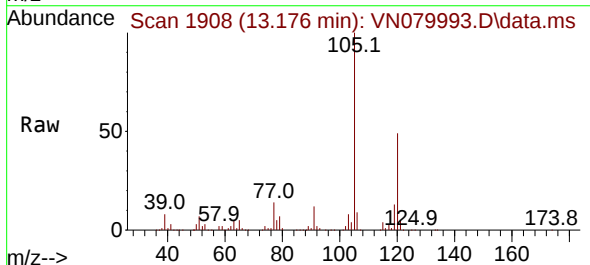
Manual Integrations
APPROVED

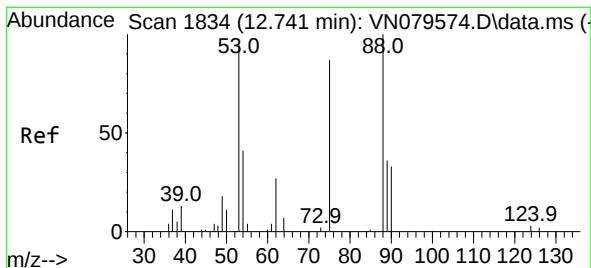
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.818 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

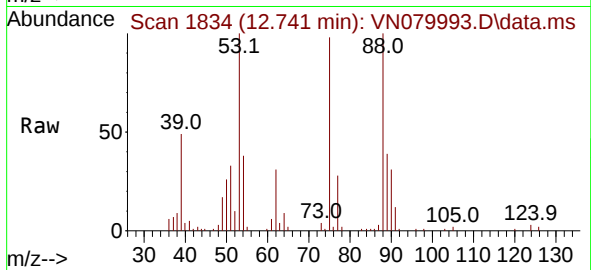
Tgt Ion:105 Resp: 389310
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.226 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

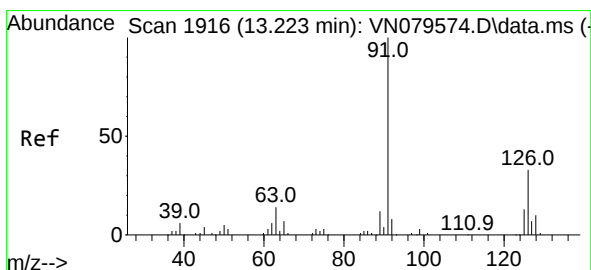
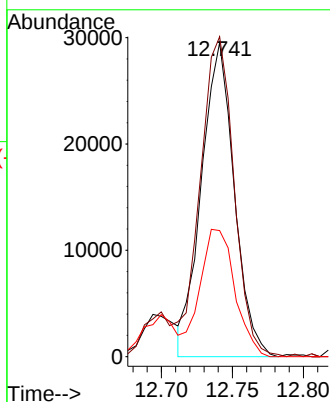
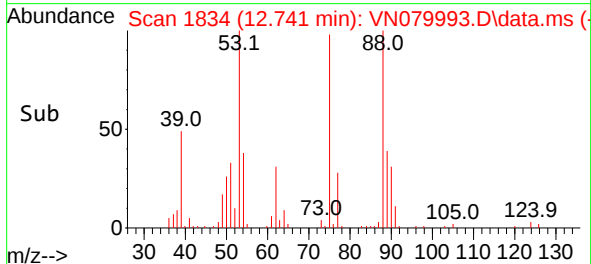
Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823



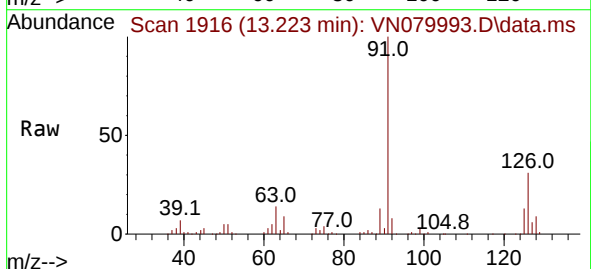
Tgt Ion: 75 Resp: 4738
Ion Ratio Lower Upper
75 100
53 101.2 53.0 159.1
89 40.2 22.6 67.7

Manual Integrations
APPROVED

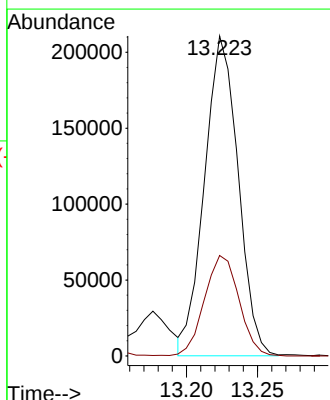
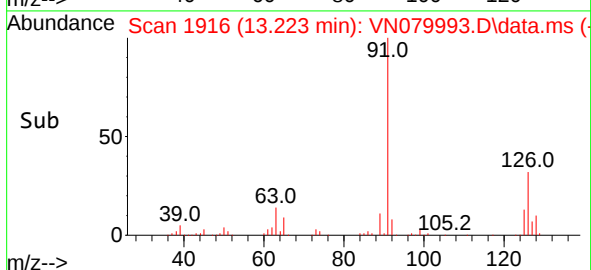
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

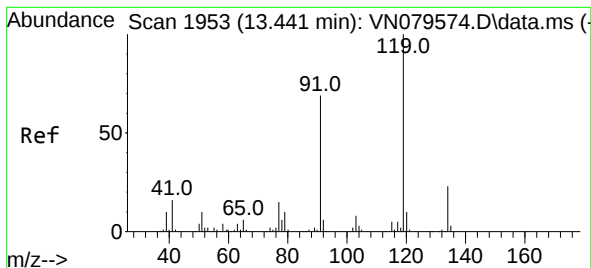


#78
4-Chlorotoluene
Concen: 20.328 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28



Tgt Ion: 91 Resp: 347095
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.4





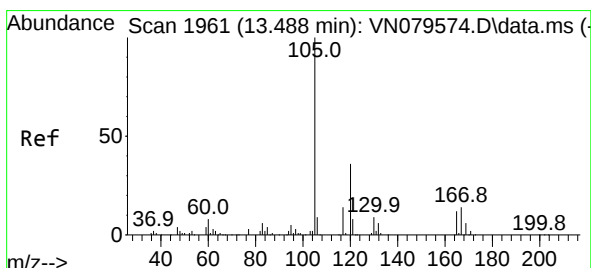
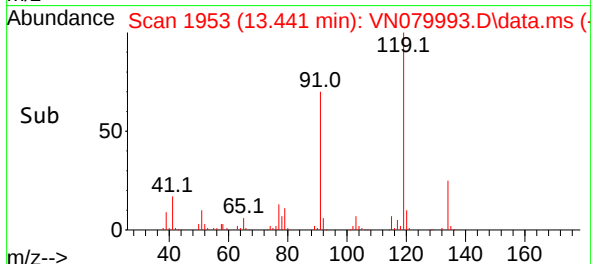
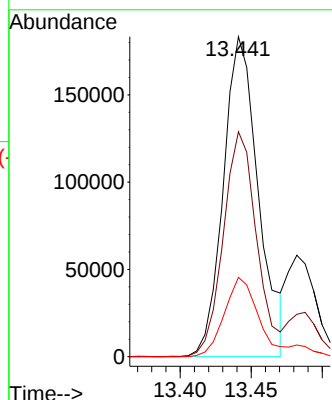
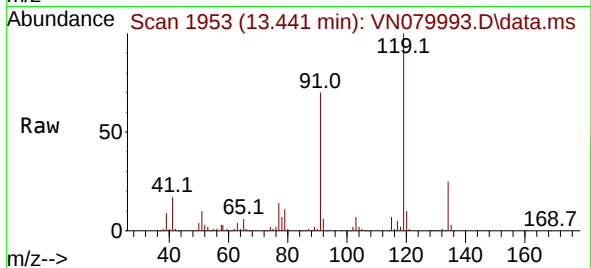
#79
tert-butylbenzene
Concen: 21.486 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823

Tgt Ion:119 Resp: 314672
Ion Ratio Lower Upper
119 100
91 66.8 0.0 140.6
134 24.1 0.0 49.8

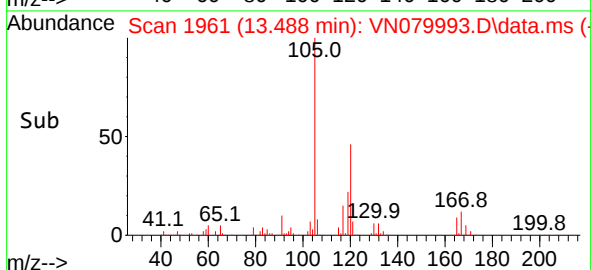
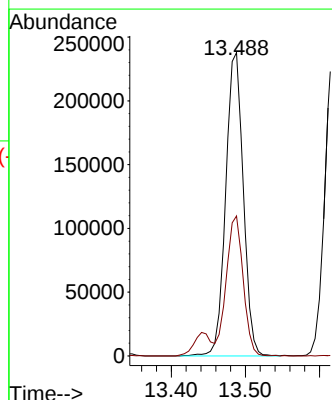
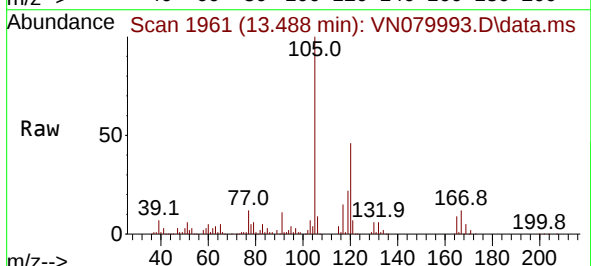
Manual Integrations
APPROVED

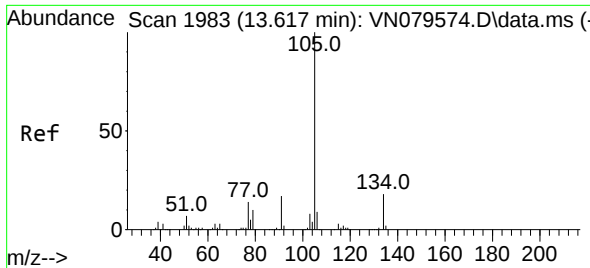
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.338 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion:105 Resp: 391283
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.6





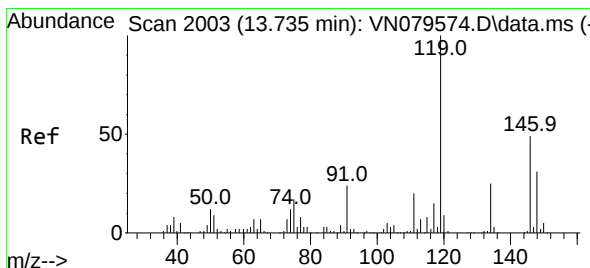
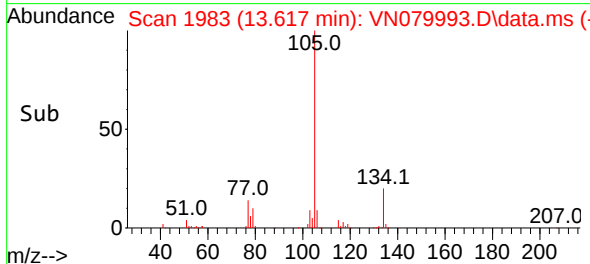
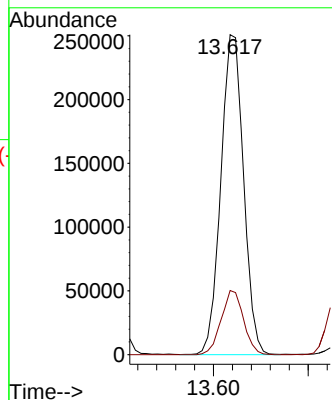
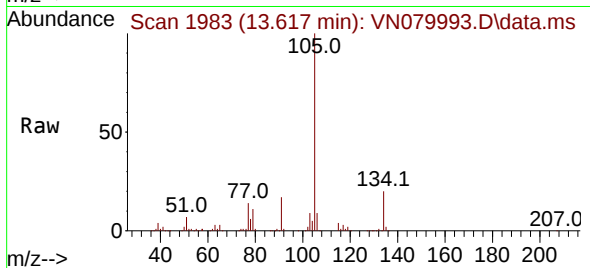
#81
 sec-Butylbenzene
 Concen: 20.229 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110823

Tgt Ion:105 Resp: 418198
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.2

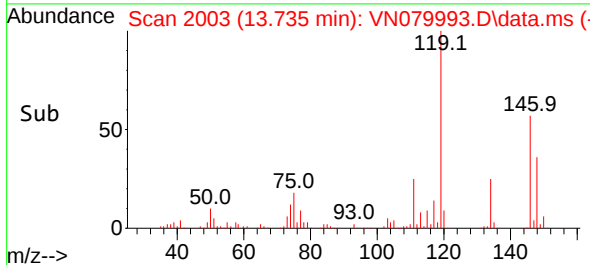
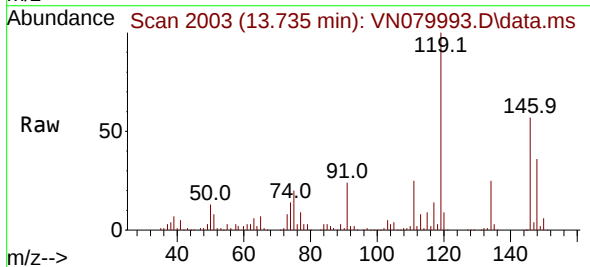
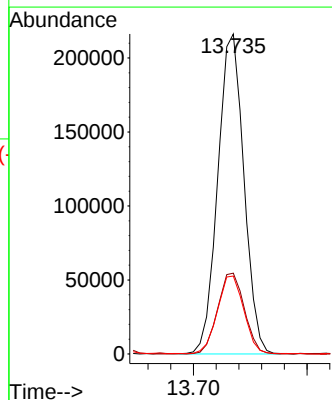
Manual Integrations
 APPROVED

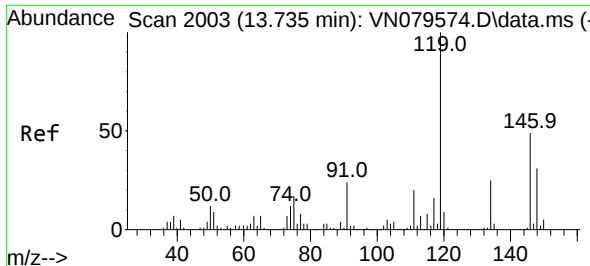
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#82
 p-Isopropyltoluene
 Concen: 20.579 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079993.D
 Acq: 08 Nov 2023 15:28

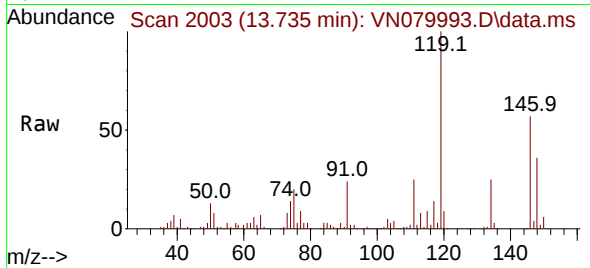
Tgt Ion:119 Resp: 345507
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.5 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 20.540 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

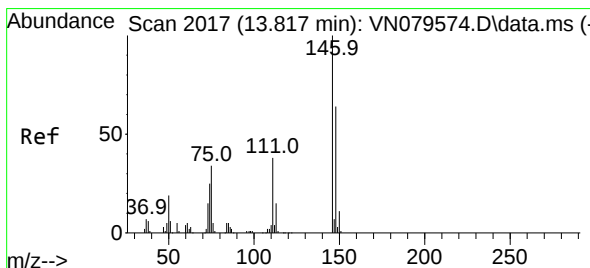
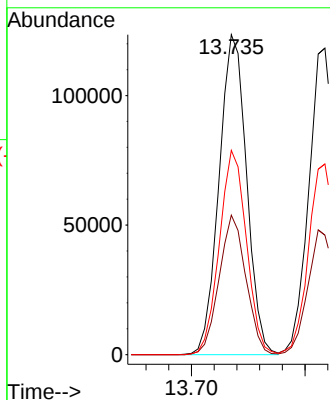
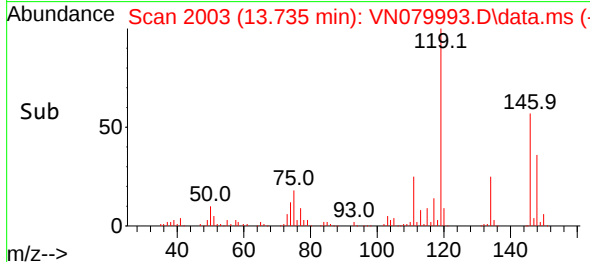
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110823



Tgt Ion:146 Resp: 20804
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 62.7 32.4 97.0

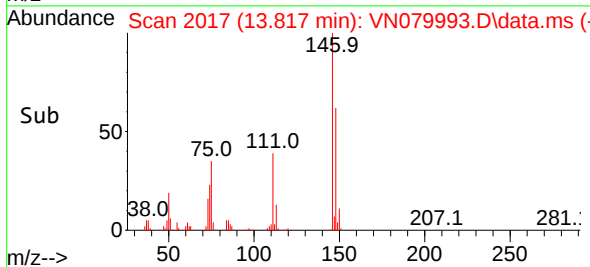
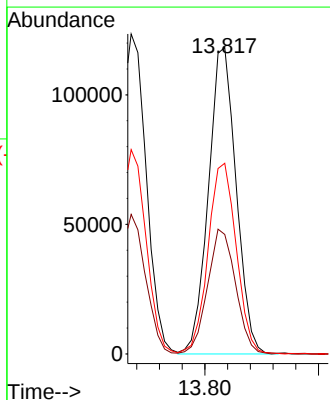
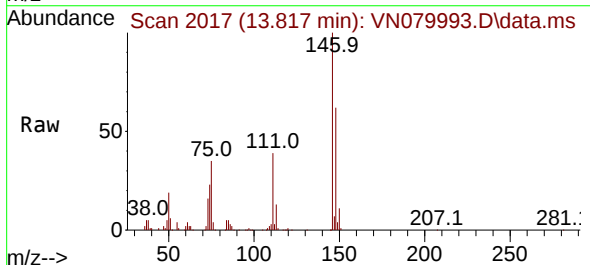
Manual Integrations
APPROVED

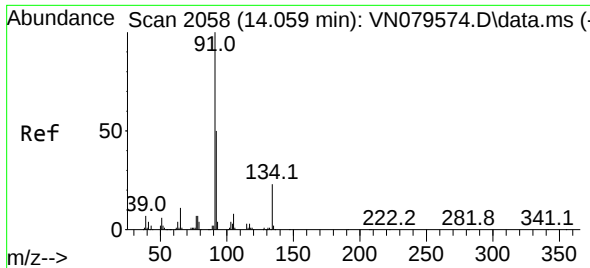
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#84
1,4-Dichlorobenzene
Concen: 20.176 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

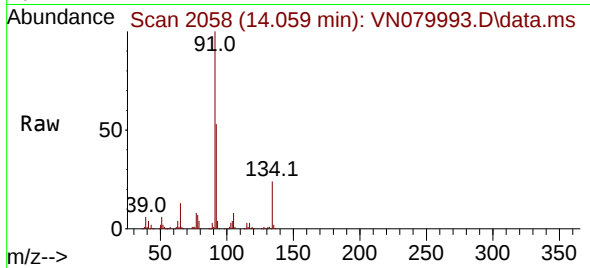
Tgt Ion:146 Resp: 200579
Ion Ratio Lower Upper
146 100
111 41.1 19.9 59.7
148 63.3 32.6 97.7





#85
n-Butylbenzene
Concen: 19.534 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

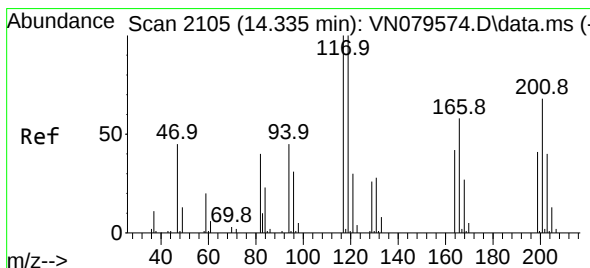
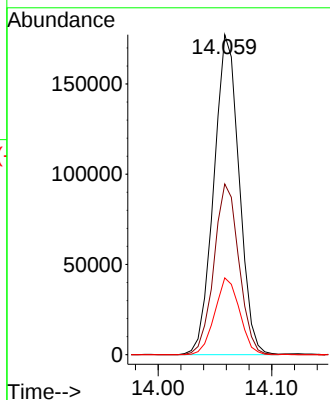
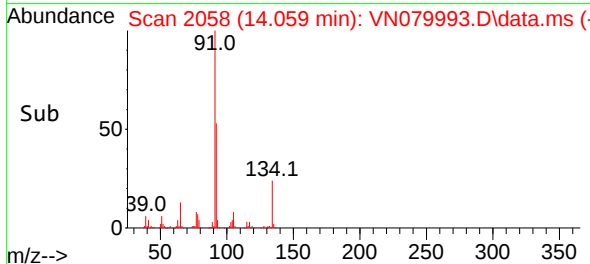
Instrument : MSVOA_N
ClientSampleId : ICVVN110823



Tgt Ion: 91 Resp: 27430
Ion Ratio Lower Upper
91 100
92 52.7 0.0 99.6
134 23.6 0.0 46.2

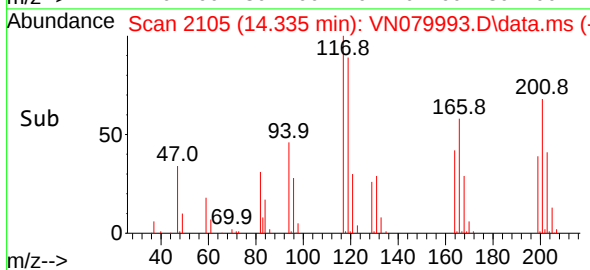
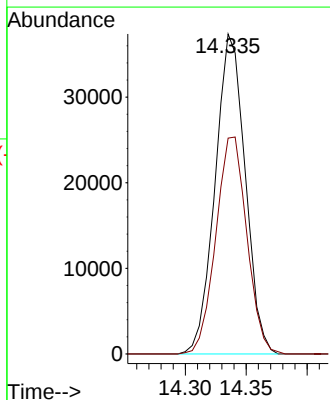
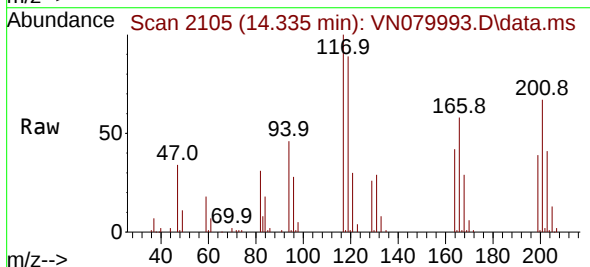
Manual Integrations
APPROVED

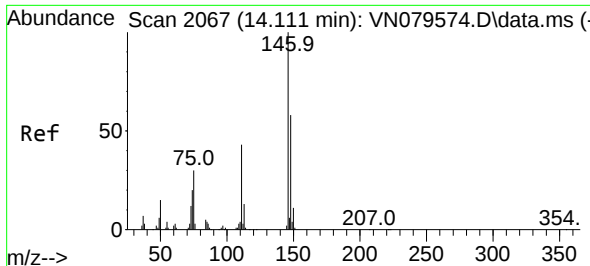
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
Hexachloroethane
Concen: 19.661 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion:117 Resp: 64189
Ion Ratio Lower Upper
117 100
201 70.0 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 20.677 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICNVN110823

Tgt Ion:146 Resp: 200078

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

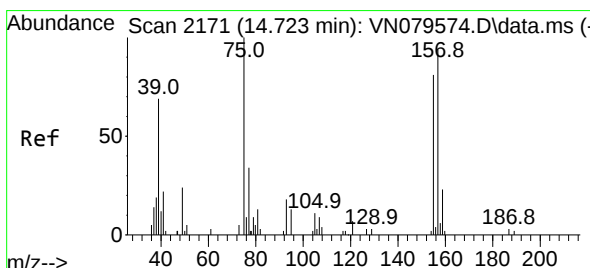
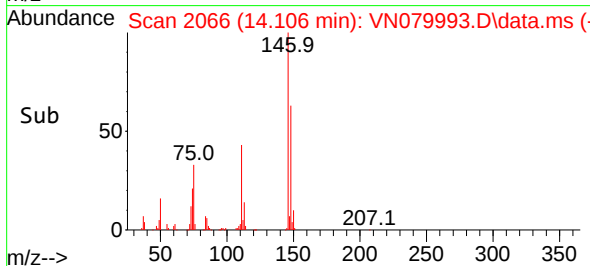
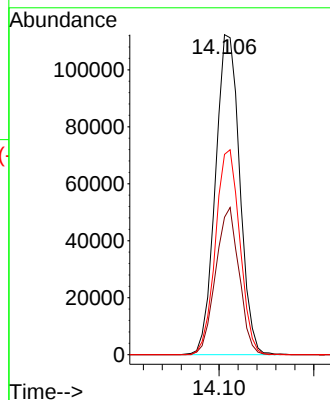
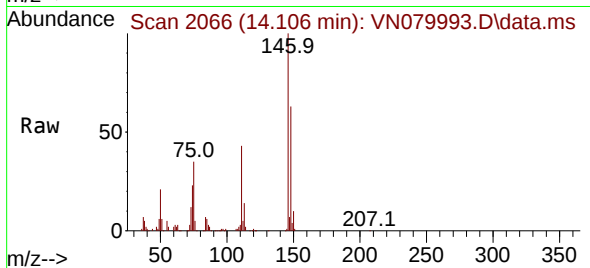
148 64.0 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.693 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

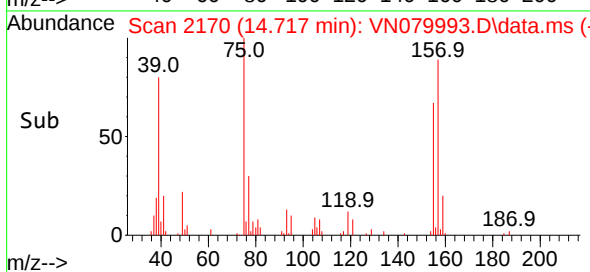
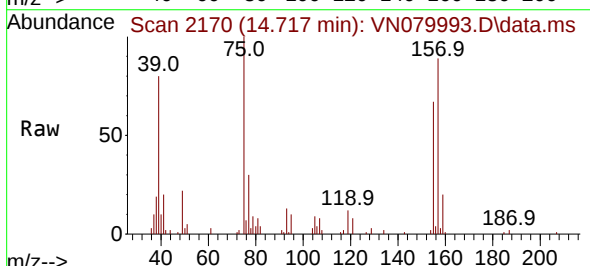
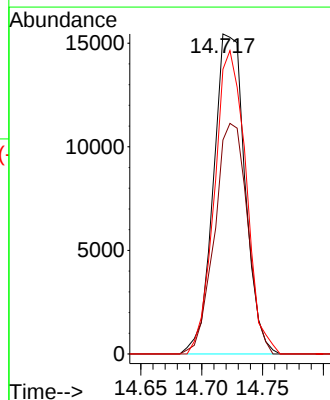
Tgt Ion: 75 Resp: 27733

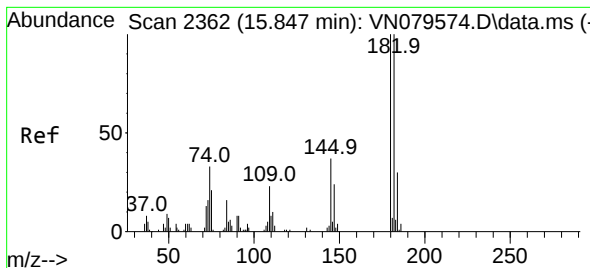
Ion Ratio Lower Upper

75 100

155 75.3 60.7 91.1

157 94.7 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 19.005 ug/l

RT: 15.841 min Scan# 2362

Delta R.T. -0.006 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

ICNVN110823

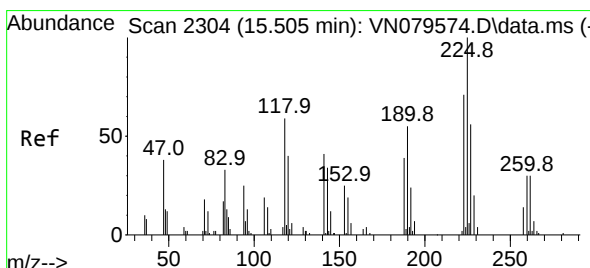
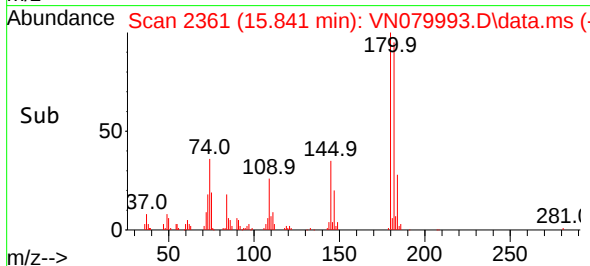
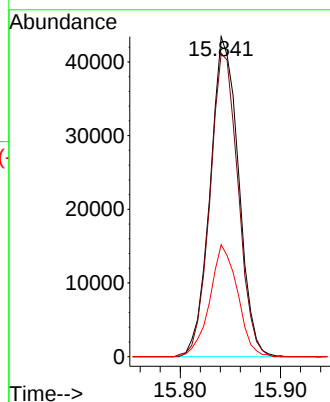
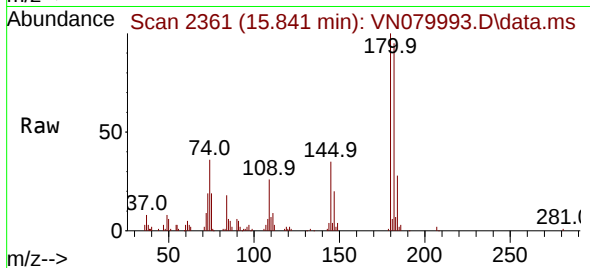
Tgt Ion:180	Resp:	8519
Ion Ratio	Lower	Upper
180	100	
182	94.0	74.2 111.4
145	34.3	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachlorobutadiene

Concen: 18.641 ug/l

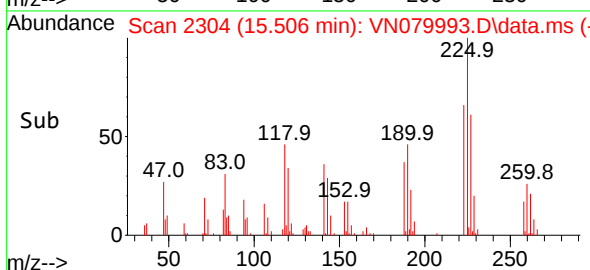
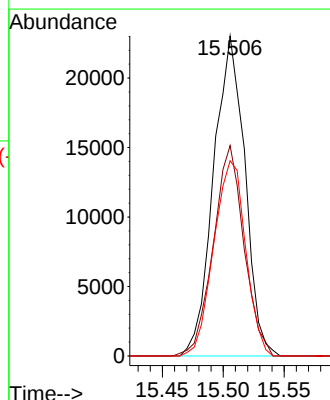
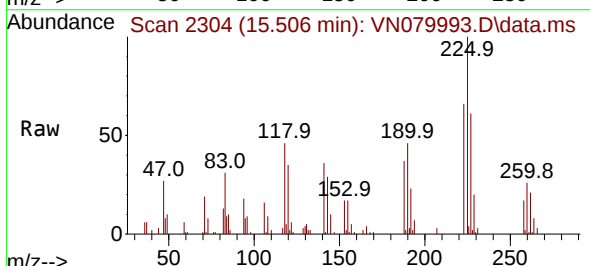
RT: 15.506 min Scan# 2304

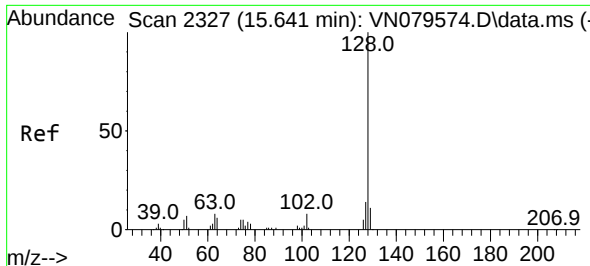
Delta R.T. 0.001 min

Lab File: VN079993.D

Acq: 08 Nov 2023 15:28

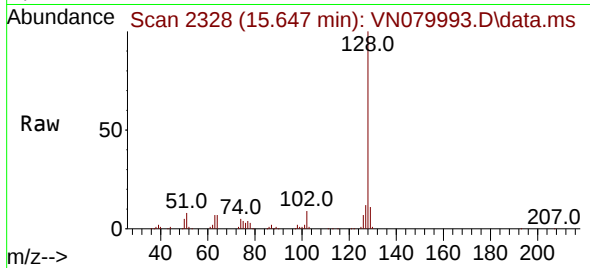
Tgt Ion:225	Resp:	41183
Ion Ratio	Lower	Upper
225	100	
223	64.4	0.0 126.0
227	62.1	0.0 127.0





#91
Naphthalene
Concen: 17.774 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

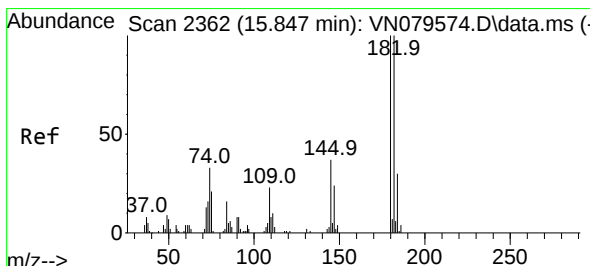
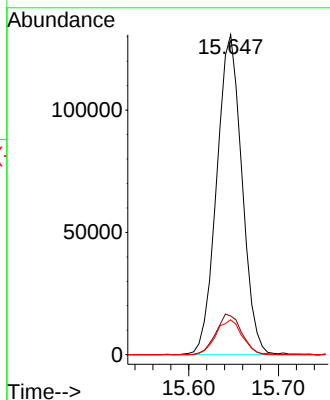
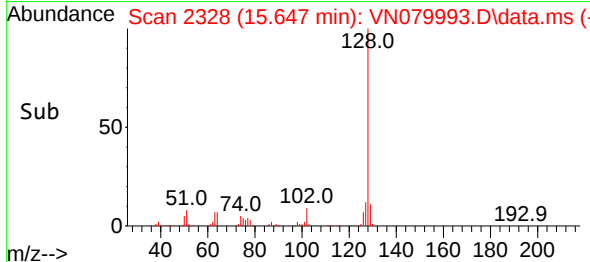
Instrument :
MSVOA_N
ClientSampleId :
ICNVN110823



Tgt Ion:128 Resp: 25570
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.005 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079993.D
Acq: 08 Nov 2023 15:28

Tgt Ion:180 Resp: 85195
Ion Ratio Lower Upper
180 100
182 94.0 0.0 185.6
145 34.3 0.0 63.6

