

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079359.D
 Acq On : 27 Sep 2023 11:24
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 27 23:36:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:34:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	40409	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	214133	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	195499	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	98498	29.713	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.033%		
60) 4-Bromofluorobenzene	12.853	95	86327	30.980	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.267%		
63) Toluene-d8	10.571	98	287145	29.896	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	49410	19.814	ug/l	100
3) Chloromethane	2.365	50	61801	19.326	ug/l	100
4) Vinyl Chloride	2.518	62	67357	19.222	ug/l	100
5) Bromomethane	2.959	94	40020	20.310	ug/l	100
6) Chloroethane	3.118	64	46703	18.708	ug/l	100
7) Trichlorofluoromethane	3.501	101	81222	19.559	ug/l	100
8) Diethyl Ether	3.959	74	29705	20.043	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	45177	19.394	ug/l	100
10) 1,1-Dichloroethene	4.348	96	42993	19.971	ug/l	100
11) Methyl Iodide	4.589	142	48703	20.486	ug/l	100
12) Methyl Acetate	5.030	43	96988	22.406	ug/l	100
13) Acrolein	4.183	56	49205	100.124	ug/l	100
14) Acrylonitrile	5.724	53	126369	99.164	ug/l	100
15) Acetone	4.442	58	40667	97.534	ug/l	100
16) Carbon Disulfide	4.712	76	124857	19.145	ug/l	100
17) Allyl chloride	5.030	41	70785	20.482	ug/l	100
18) Methylene Chloride	5.277	84	53859	19.241	ug/l	100
19) trans-1,2-Dichloroethene	5.800	96	49168m	21.608	ug/l	
20) Diisopropyl ether	6.683	45	164681	20.144	ug/l	100
21) 1,1-Dichloroethane	6.571	63	96042	19.498	ug/l	100
22) cis-1,2-Dichloroethene	7.494	96	55637	19.419	ug/l	100
23) tert-Butyl Alcohol	5.530	59	39939	106.662	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	146988	22.540	ug/l	100
25) Chloroform	7.971	83	99117	19.710	ug/l	100
26) Cyclohexane	8.265	56	75987	22.605	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	72505	20.098	ug/l	100
30) 2-Butanone	7.489	43	180168	100.952	ug/l	100
31) 2,2-Dichloropropane	7.494	77	79567	19.976	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	84396	20.178	ug/l	100
33) Carbon Tetrachloride	8.365	117	72149	19.917	ug/l	100
34) Benzene	8.606	78	217711	19.919	ug/l	100
35) Methacrylonitrile	7.783	41	37547	20.320	ug/l	100
36) 1,2-Dichloroethane	8.677	62	78010	19.705	ug/l	100
37) Trichloroethene	9.353	130	50916	19.822	ug/l	100
38) Methylcyclohexane	9.600	83	70697	19.984	ug/l	100
39) 1,2-Dichloropropane	9.624	63	58002	19.992	ug/l	100
40) Dibromomethane	9.712	93	37907	19.738	ug/l	100
41) Bromodichloromethane	9.894	83	78962	20.191	ug/l	100
42) Vinyl Acetate	6.612	43	482135	99.977	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 27 23:34:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	63945	17.988	ug/l	100
44) Isopropyl Acetate	8.694	43	116852	20.444	ug/l	100
45) 1,4-Dioxane	9.694	88	18661	395.793	ug/l	100
46) Methyl methacrylate	9.683	41	53434	20.570	ug/l	100
47) n-amyl Acetate	12.500	43	84212	20.704	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	77794	19.585	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	85803	20.131	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	52673	20.105	ug/l	100
51) Ethyl methacrylate	10.877	69	72707	20.416	ug/l	100
52) 1,3-Dichloropropane	11.165	76	91784	19.640	ug/l	100
53) Dibromochloromethane	11.365	129	53563	20.199	ug/l	100
54) 1,2-Dibromoethane	11.471	107	52082	20.384	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	139420	100.703	ug/l	100
56) Bromoform	12.582	173	34370	20.345	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	355498	101.611	ug/l	100
59) 2-Hexanone	11.200	43	253428	101.248	ug/l	100
61) Tetrachloroethene	11.112	164	42243	19.378	ug/l	100
62) Toluene	10.635	91	232350	19.840	ug/l	100
64) Chlorobenzene	11.894	112	131401	19.550	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	49375	19.638	ug/l	100
66) Ethyl Benzene	11.965	91	240083	20.268	ug/l	100
67) m/p-Xylenes	12.076	106	181726	41.494	ug/l	100
68) o-Xylene	12.400	106	86639	20.557	ug/l	100
69) Styrene	12.412	104	138785	20.904	ug/l	100
70) Isopropylbenzene	12.700	105	219321	20.455	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	75146	19.561	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	67230m	17.197	ug/l	
73) Bromobenzene	12.982	156	50330	20.048	ug/l	100
74) n-propylbenzene	13.041	91	260917	20.556	ug/l	100
75) 2-Chlorotoluene	13.129	91	156252	20.160	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	184410	20.695	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	21151	20.775	ug/l	100
78) 4-Chlorotoluene	13.223	91	146447	20.335	ug/l	100
79) tert-butylbenzene	13.441	119	146911	19.899	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	177186	20.326	ug/l	100
81) sec-Butylbenzene	13.618	105	210257	19.851	ug/l	100
82) p-Isopropyltoluene	13.735	119	165378	19.695	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	85154	20.058	ug/l	100
84) 1,4-Dichlorobenzene	13.818	146	80214	20.159	ug/l	100
85) n-Butylbenzene	14.059	91	129204	20.069	ug/l	100
86) Hexachloroethane	14.335	117	34131	19.619	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	84159	20.070	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11966	20.190	ug/l	100
89) 1,2,4-Trichlorobenzene	15.841	180	34302	23.428	ug/l	100
90) Hexachlorobutadiene	15.506	225	23729	21.261	ug/l	100
91) Naphthalene	15.641	128	71940	20.489	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	34302	22.155	ug/l	100

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

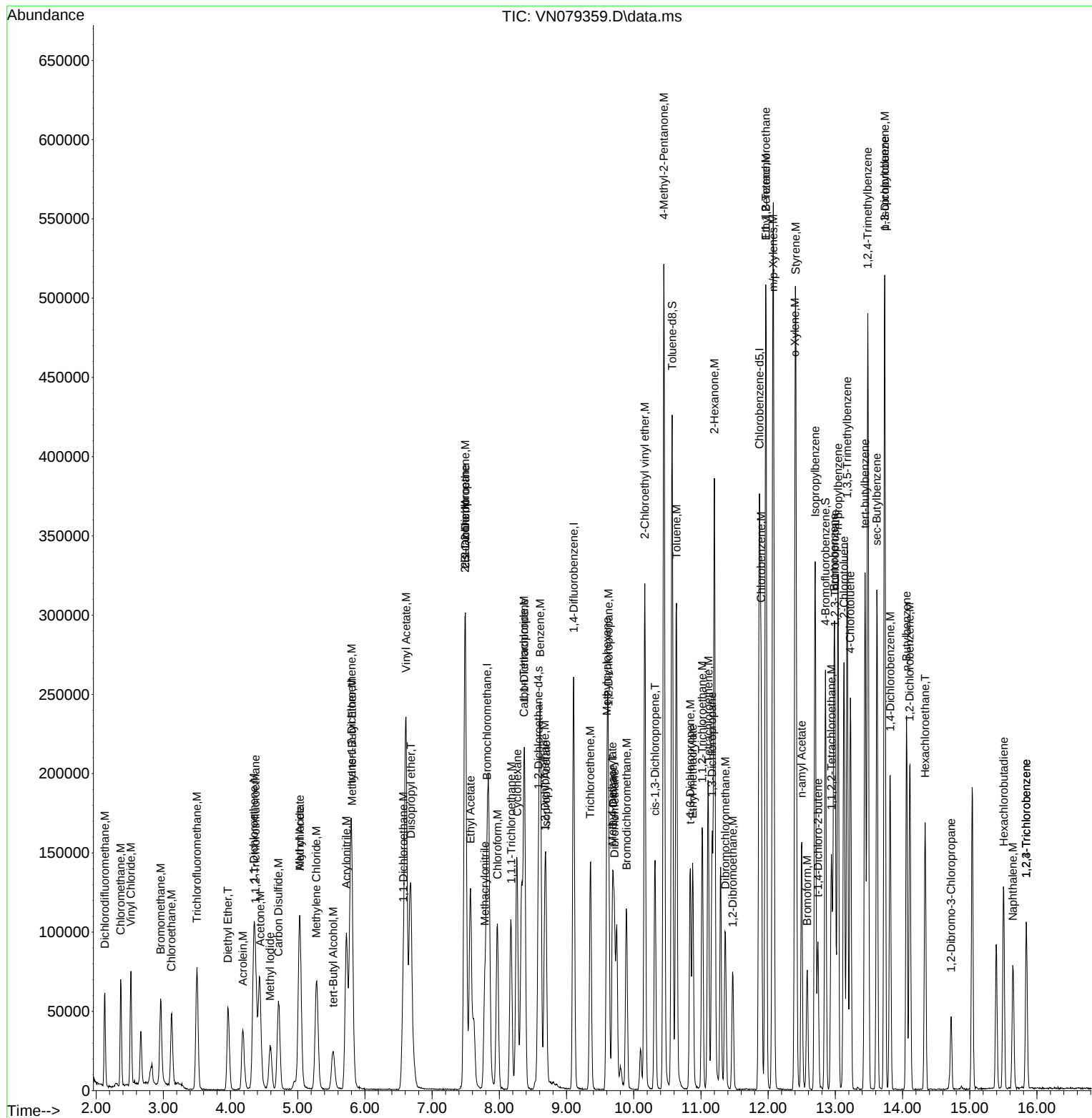
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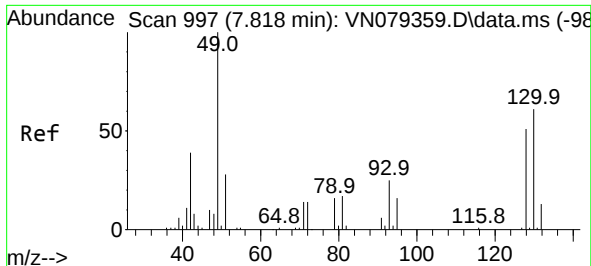
Instrument :
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Manual Integrations APPROVED

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 Supervised By : Semsettin Yesilyurt 09/28/2023

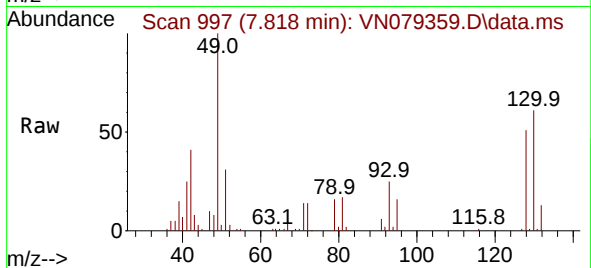
Quant Time: Sep 27 23:36:39 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

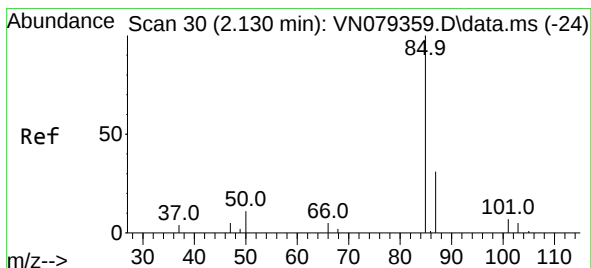
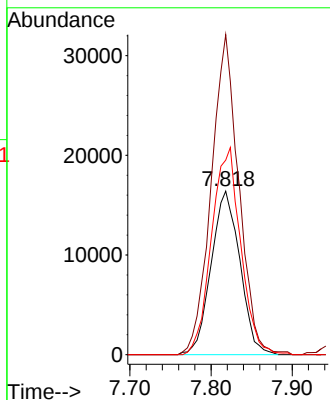
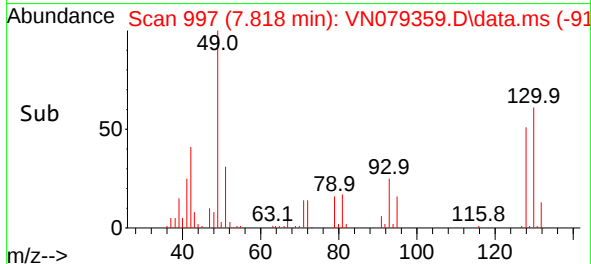
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



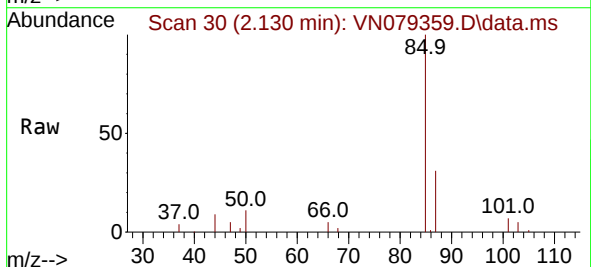
Tgt Ion:128 Resp: 40409
Ion Ratio Lower Upper
128 100
49 187.4 0.0 468.5
130 128.3 0.0 320.7

Manual Integrations
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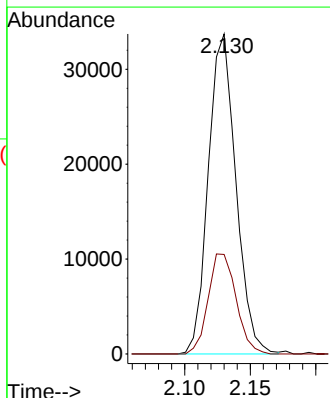
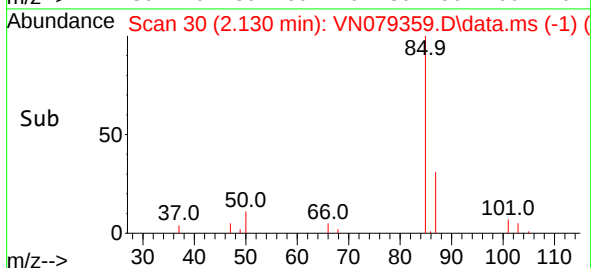
Reviewed By :John Carlone 09/28/2023
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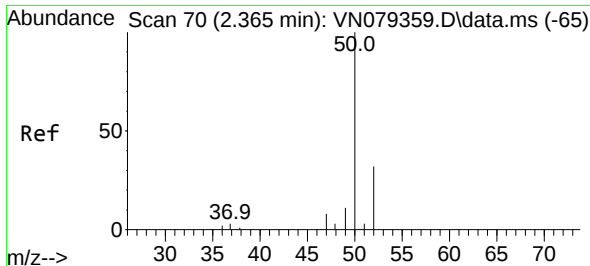


#2
Dichlorodifluoromethane
Concen: 19.814 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



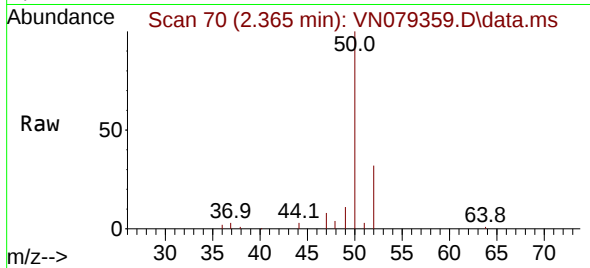
Tgt Ion: 85 Resp: 49410
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.7





#3
Chloromethane
Concen: 19.326 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

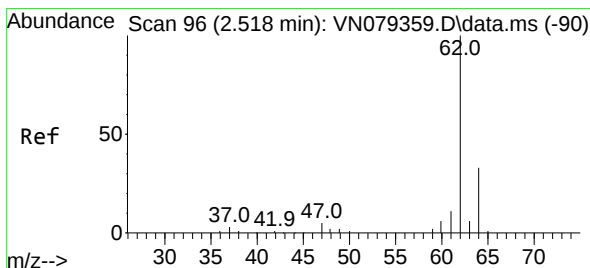
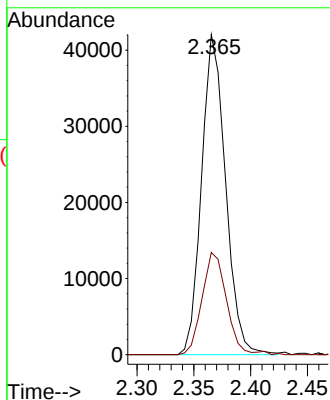
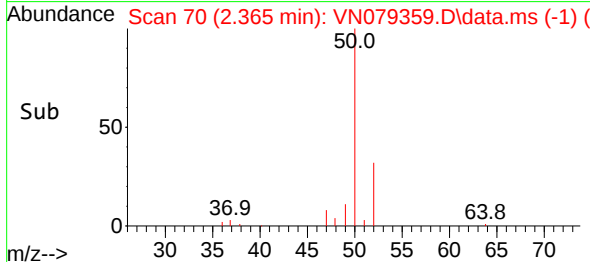
Instrument :
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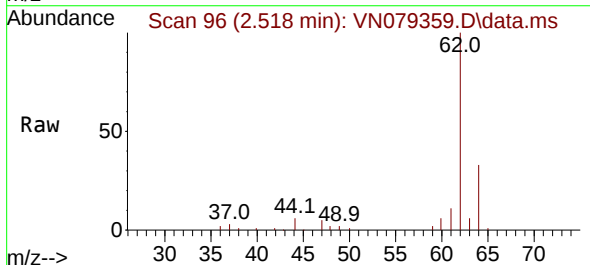
Tgt Ion: 50 Resp: 6180
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4

Manual Integrations
APPROVED

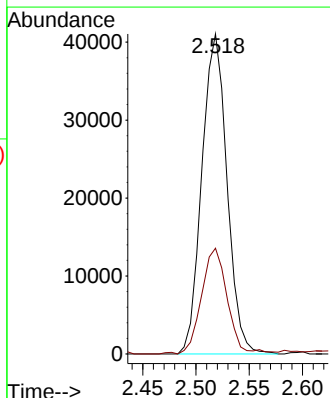
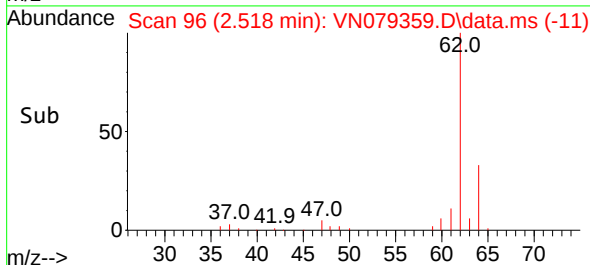
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

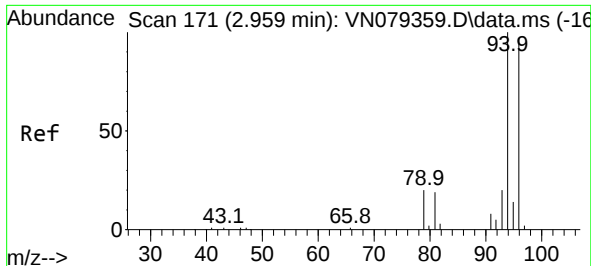


#4
Vinyl Chloride
Concen: 19.222 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



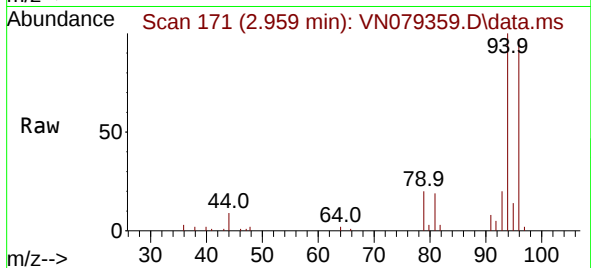
Tgt Ion: 62 Resp: 67357
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 20.310 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

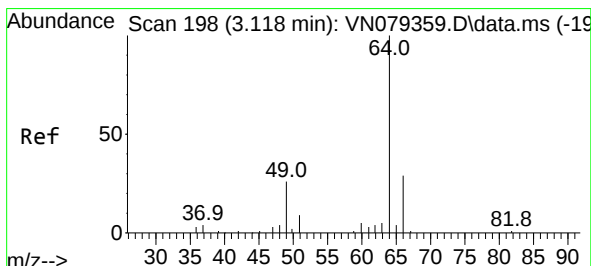
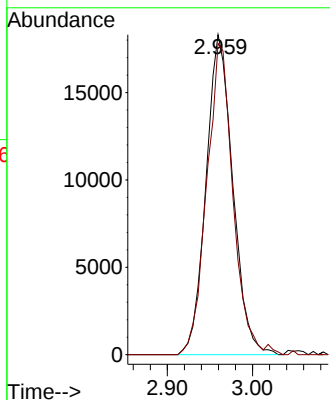
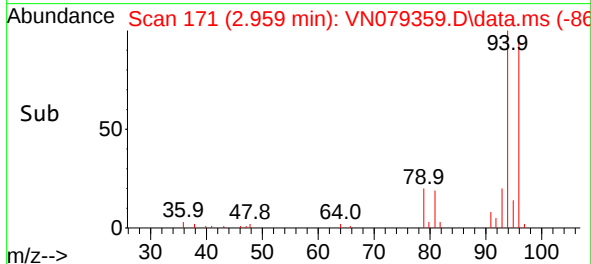
Instrument :
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ClientSampleId :
VSTDICCC020



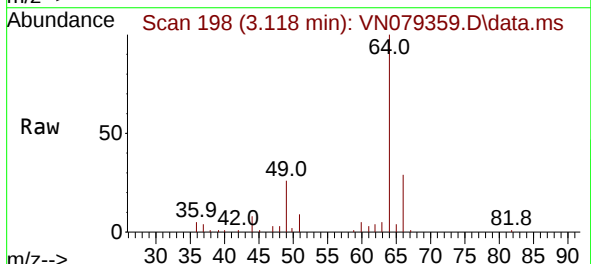
Tgt Ion: 94 Resp: 40020
Ion Ratio Lower Upper
94 100
96 97.2 77.8 116.6

Manual Integrations
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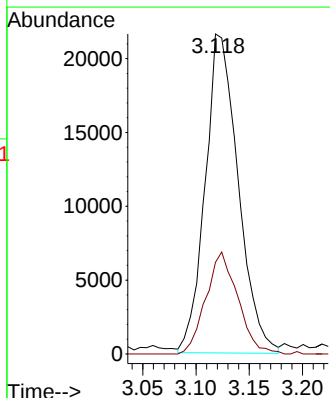
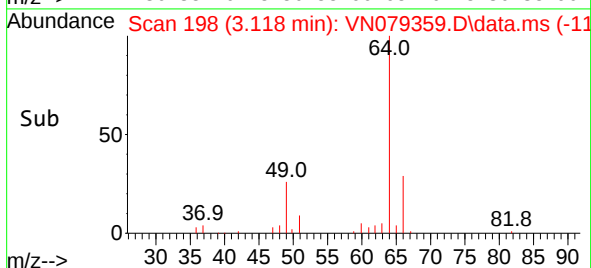
Reviewed By :John Carlone 09/28/2023
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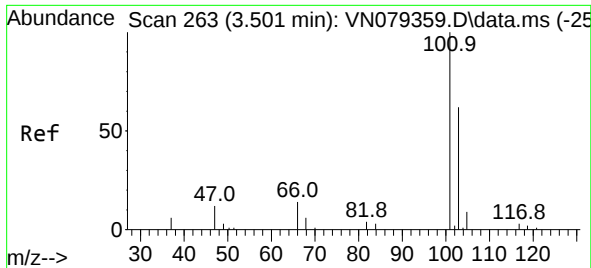


#6
Chloroethane
Concen: 18.708 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



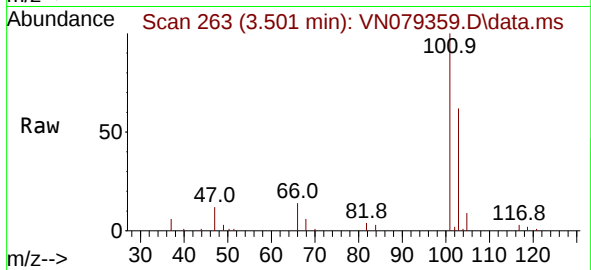
Tgt Ion: 64 Resp: 46703
Ion Ratio Lower Upper
64 100
66 29.1 23.3 34.9





#7
Trichlorofluoromethane
Concen: 19.559 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

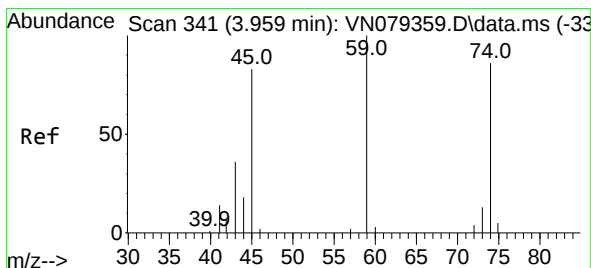
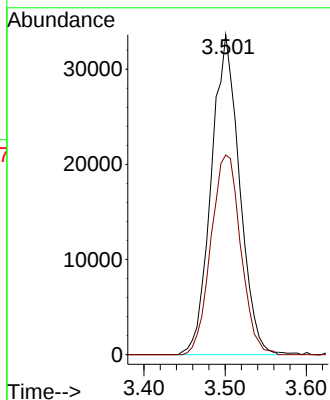
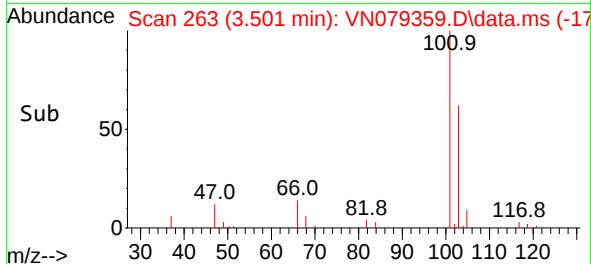
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:101 Resp: 8122
Ion Ratio Lower Upper
101 100
103 62.4 49.9 74.9

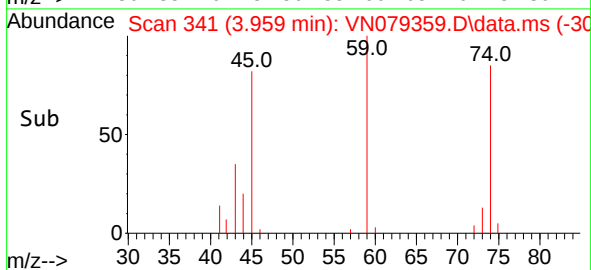
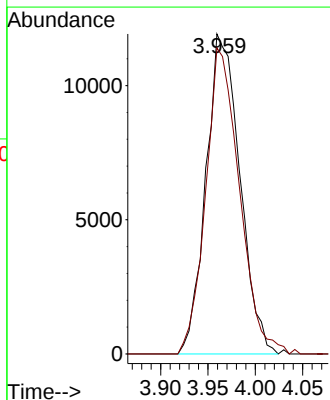
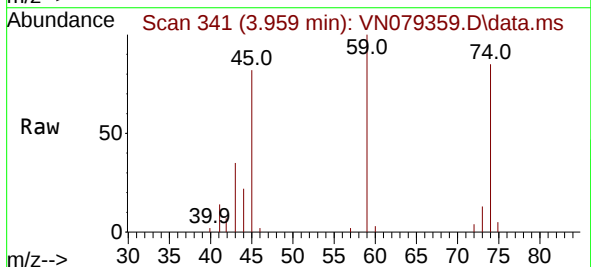
Manual Integrations
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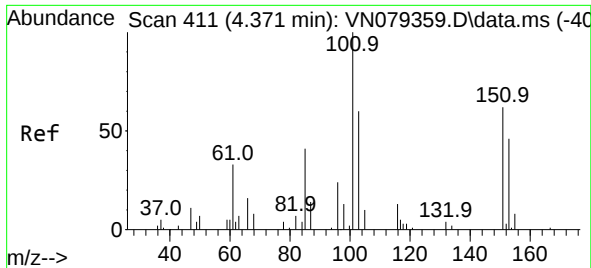
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#8
Diethyl Ether
Concen: 20.043 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 74 Resp: 29705
Ion Ratio Lower Upper
74 100
45 95.0 19.0 171.0





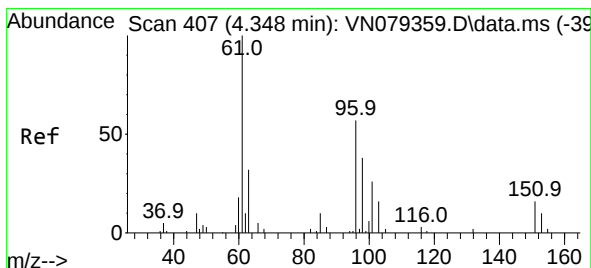
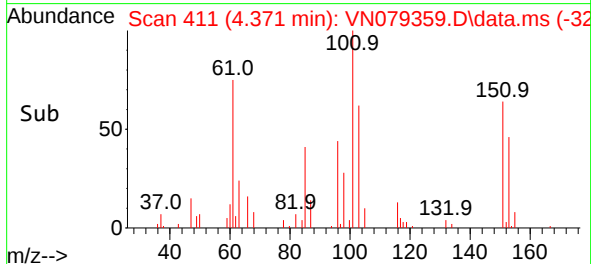
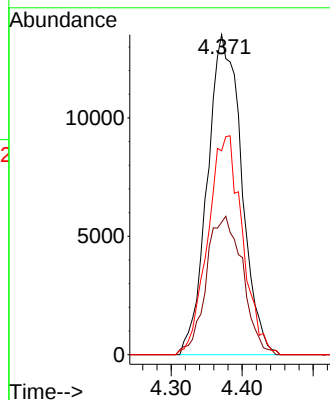
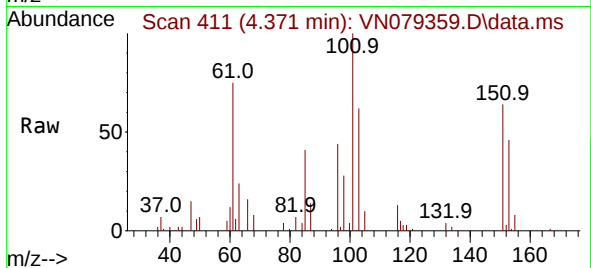
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1,1,2-Trichlorotrifluoroethane
Concen: 19.394 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079359.D
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ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 4517
Ion Ratio Lower Upper
101 100
85 46.0 0.0 92.0
151 69.2 0.0 138.4

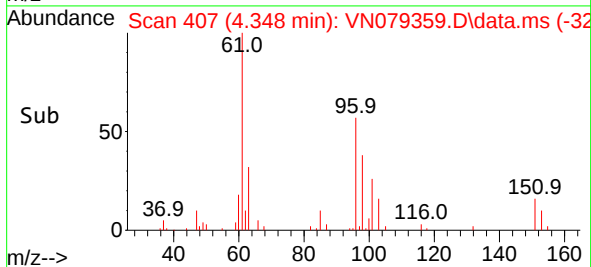
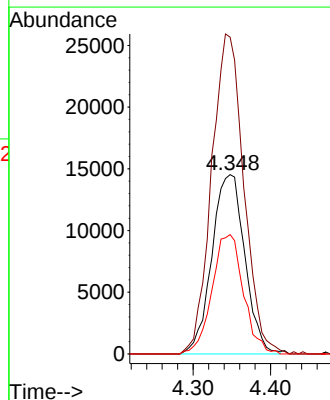
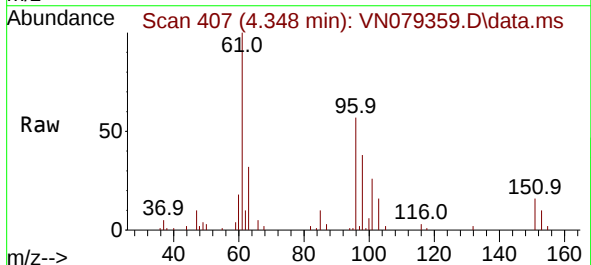
Manual Integrations
APPROVED

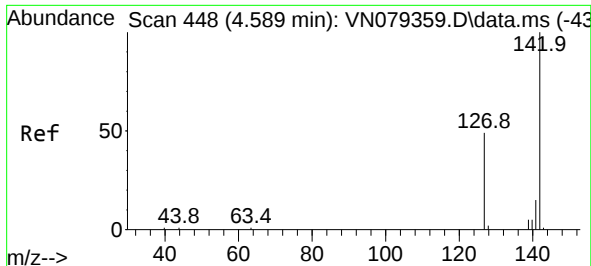
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 19.971 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

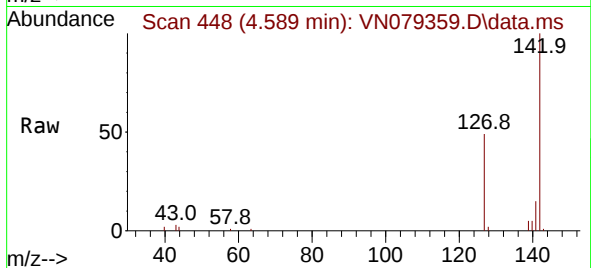
Tgt Ion: 96 Resp: 42993
Ion Ratio Lower Upper
96 100
61 176.6 141.3 211.9
98 66.5 53.2 79.8





#11
Methyl Iodide
Concen: 20.486 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

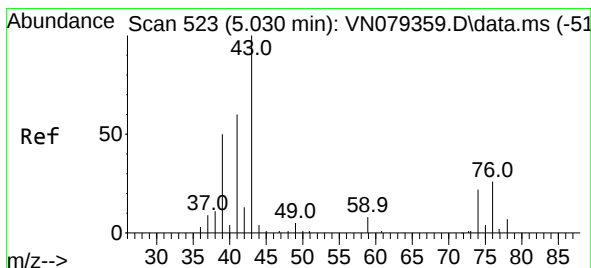
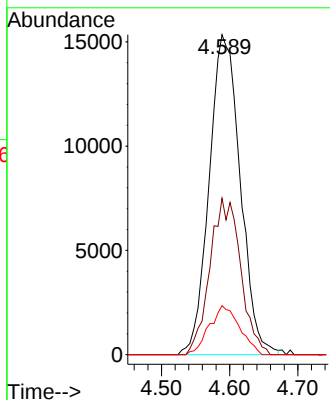
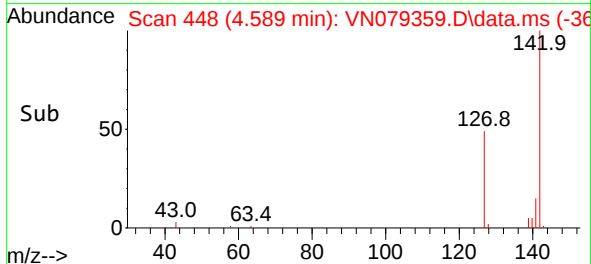
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 4870
Ion Ratio Lower Upper
142 100
127 49.2 24.6 73.8
141 15.4 7.7 23.1

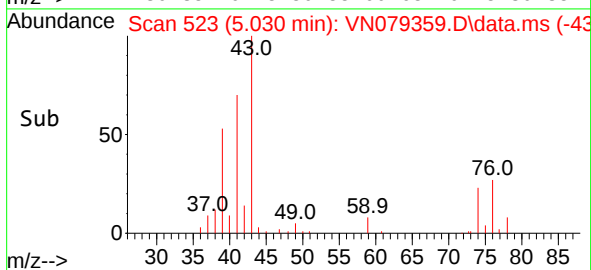
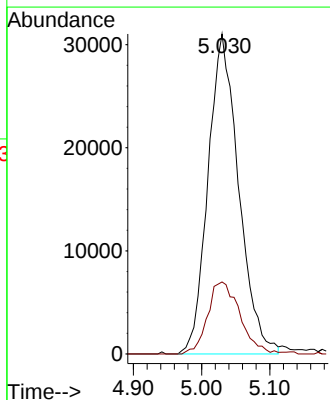
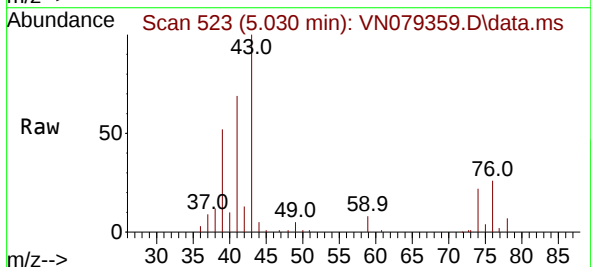
Manual Integrations
APPROVED

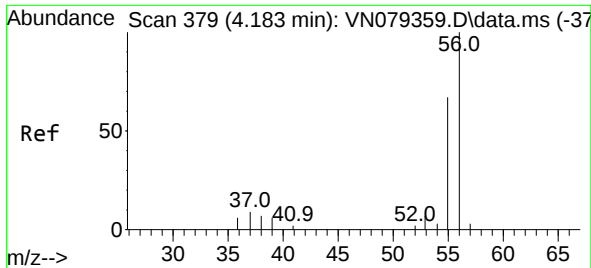
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 22.406 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

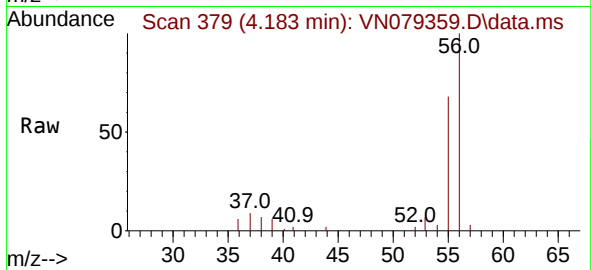
Tgt Ion: 43 Resp: 96988
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1





#13
Acrolein
Concen: 100.124 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

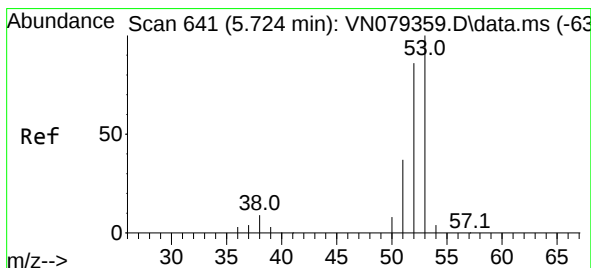
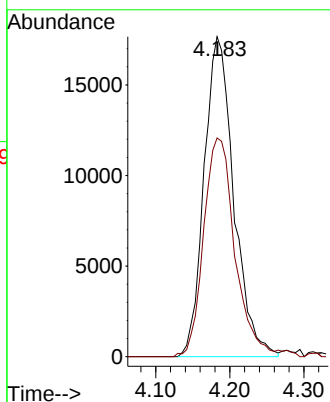
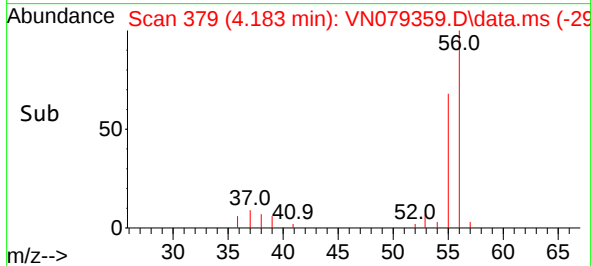
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 4920
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

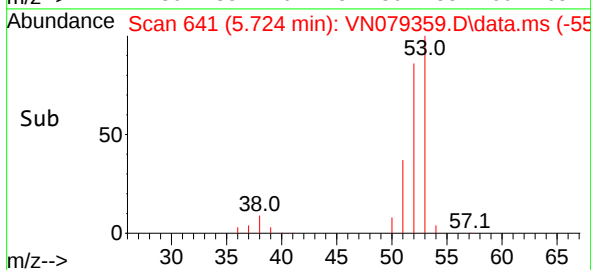
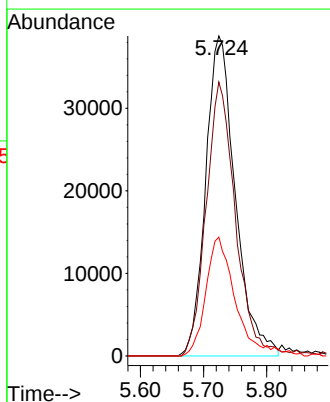
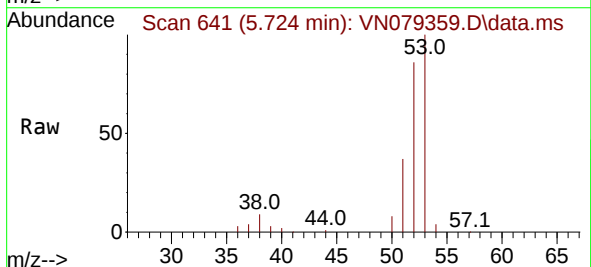
Manual Integrations
APPROVED

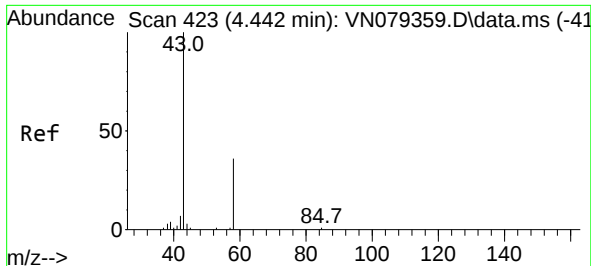
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#14
Acrylonitrile
Concen: 99.164 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 53 Resp: 126369
Ion Ratio Lower Upper
53 100
52 83.3 41.6 124.9
51 35.5 17.8 53.3





#15

Acetone

Concen: 97.534 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 4066

Ion Ratio Lower Upper

58 100

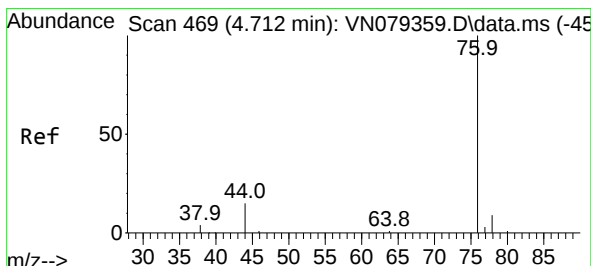
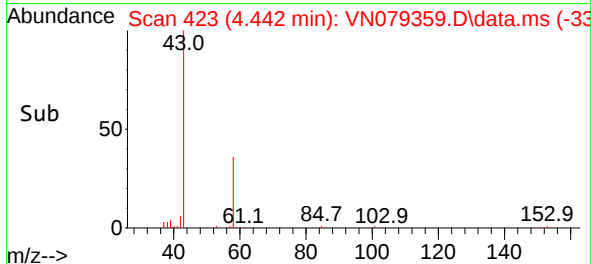
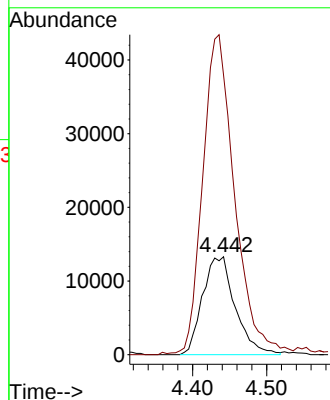
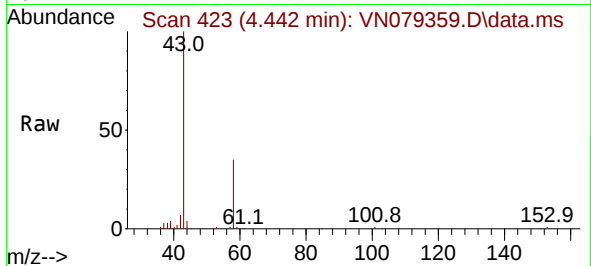
43 281.5 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#16

Carbon Disulfide

Concen: 19.145 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN079359.D

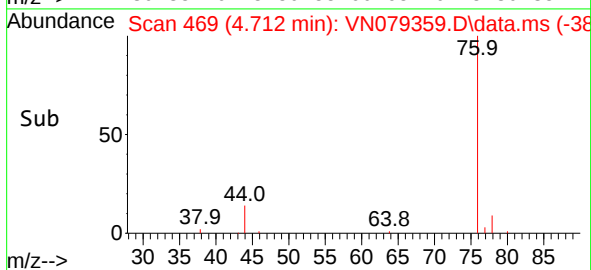
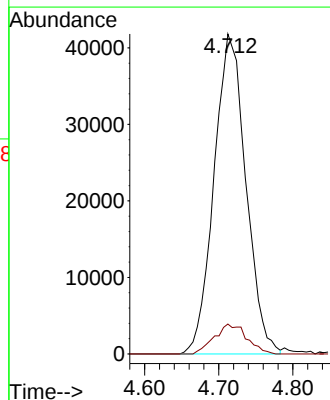
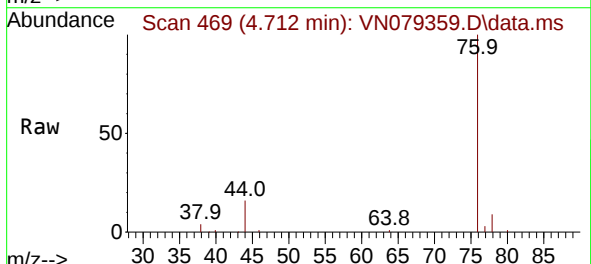
Acq: 27 Sep 2023 11:24

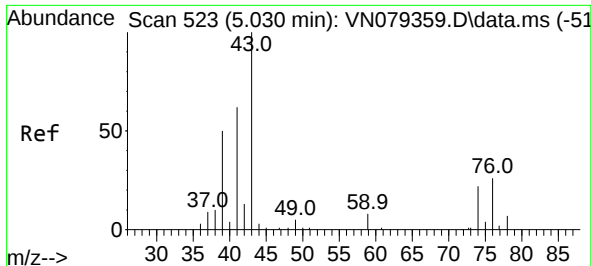
Tgt Ion: 76 Resp: 124857

Ion Ratio Lower Upper

76 100

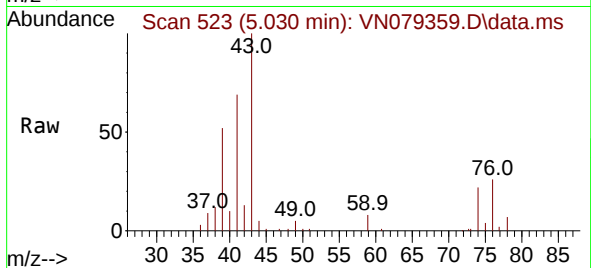
78 9.4 7.5 11.3





#17
 Allyl chloride
 Concen: 20.482 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

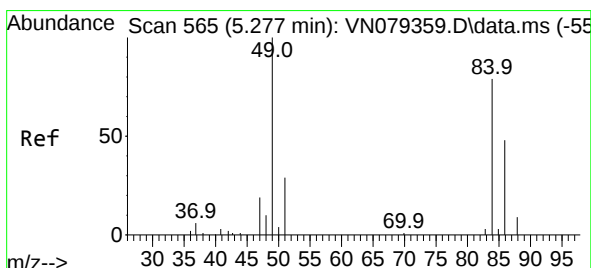
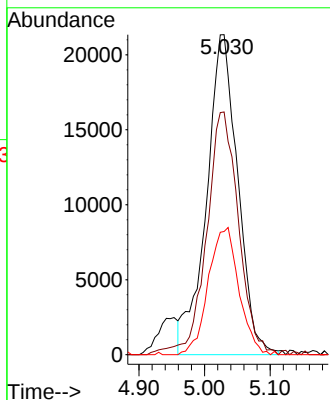
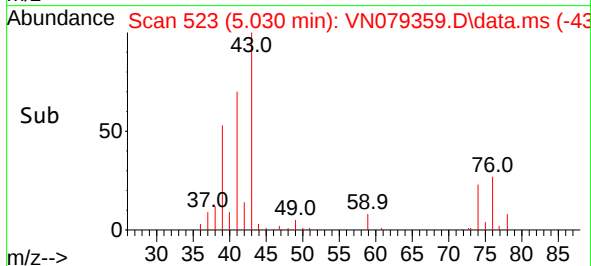
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 70785
 Ion Ratio Lower Upper
 41 100
 39 76.8 38.4 115.2
 76 39.0 19.5 58.5

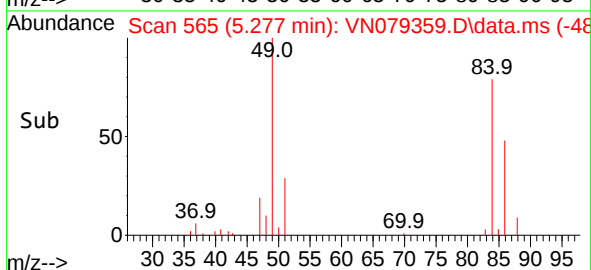
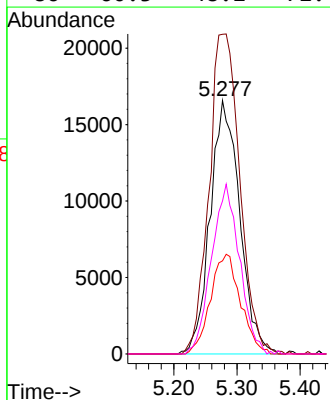
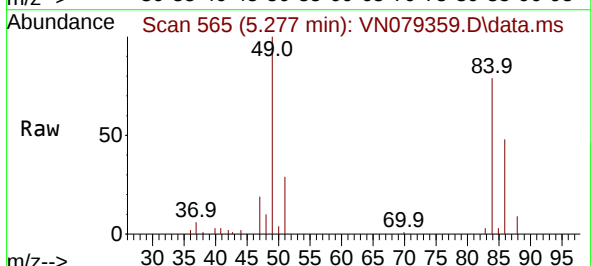
Manual Integrations
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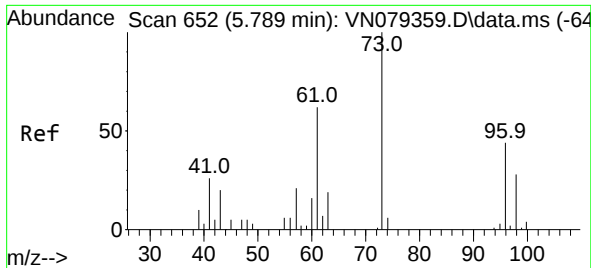
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#18
 Methylene Chloride
 Concen: 19.241 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

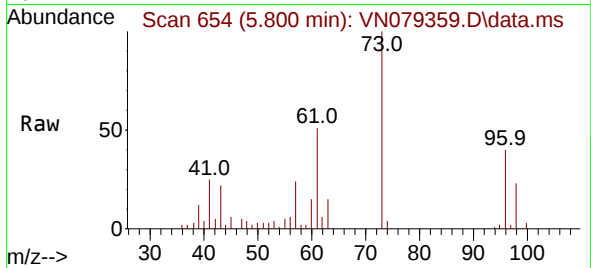
Tgt Ion: 84 Resp: 53859
 Ion Ratio Lower Upper
 84 100
 49 126.1 100.9 151.3
 51 36.8 29.4 44.2
 86 60.3 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 21.608 ug/l m
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

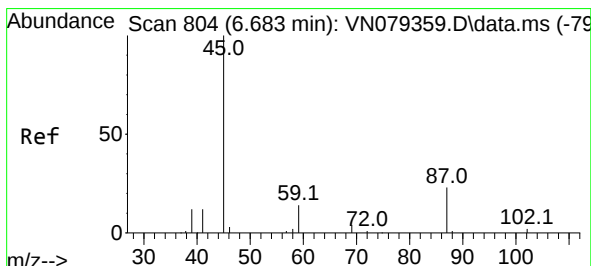
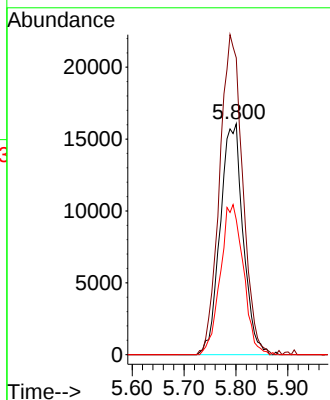
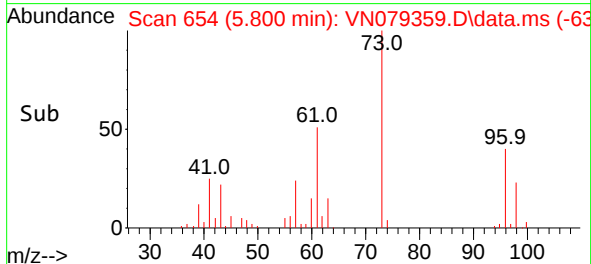
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 4916
Ion Ratio Lower Upper
96 100
61 128.5 113.4 170.0
98 58.4 50.4 75.6

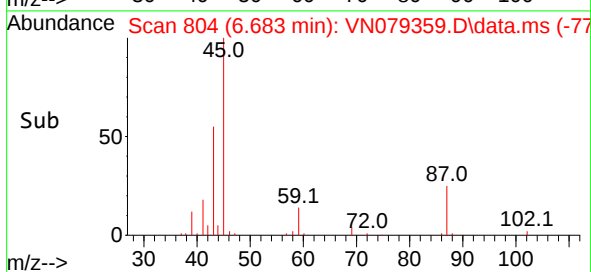
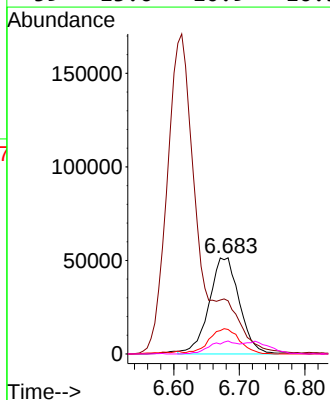
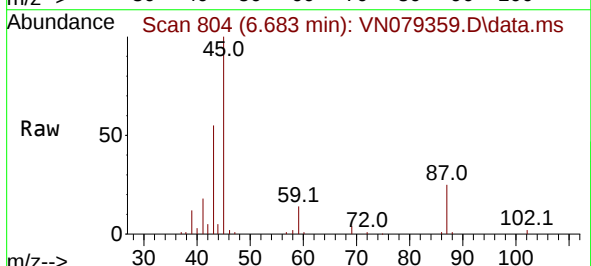
Manual Integrations
APPROVED

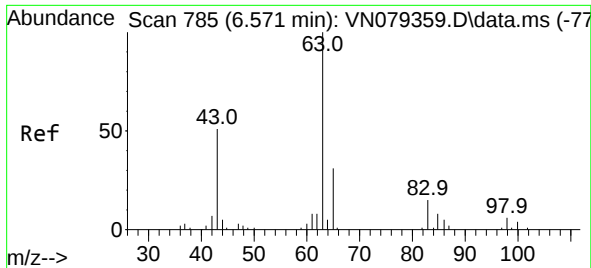
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#20
Diisopropyl ether
Concen: 20.144 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 45 Resp: 164681
Ion Ratio Lower Upper
45 100
43 52.6 42.1 63.1
87 25.6 20.5 30.7
59 13.6 10.9 16.3





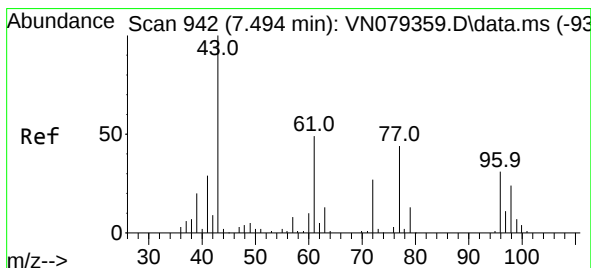
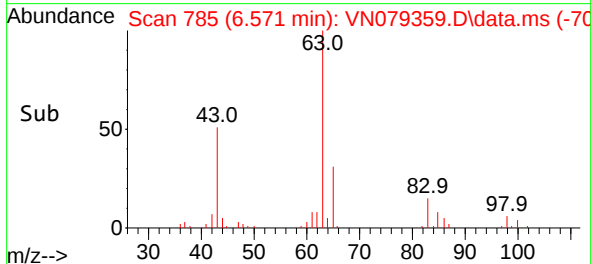
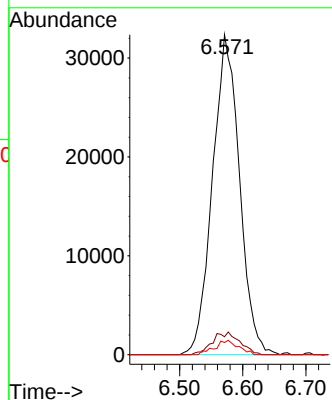
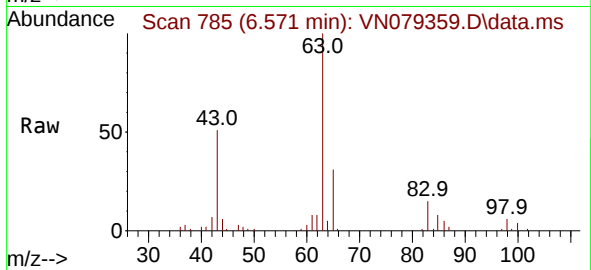
#21
1,1-Dichloroethane
Concen: 19.498 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 9604
Ion Ratio Lower Upper
63 100
98 5.6 2.8 8.4
100 3.8 1.9 5.7

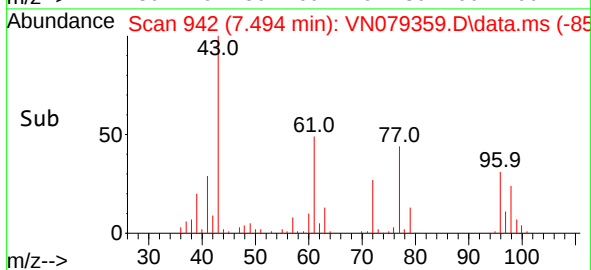
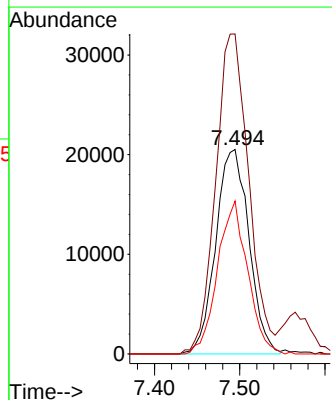
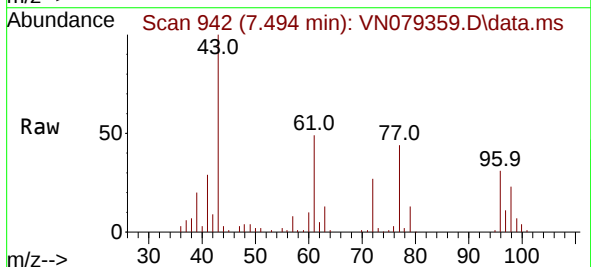
Manual Integrations
APPROVED

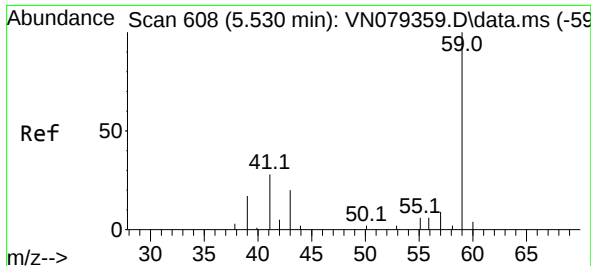
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#22
cis-1,2-Dichloroethene
Concen: 19.419 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 96 Resp: 55637
Ion Ratio Lower Upper
96 100
61 155.7 124.6 186.8
98 67.8 54.2 81.4





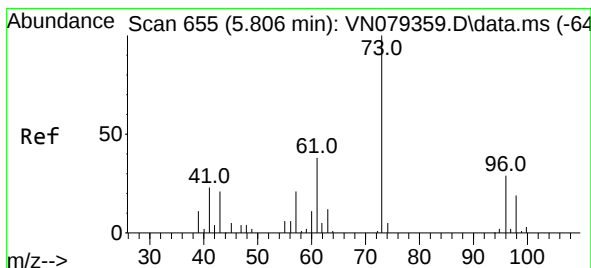
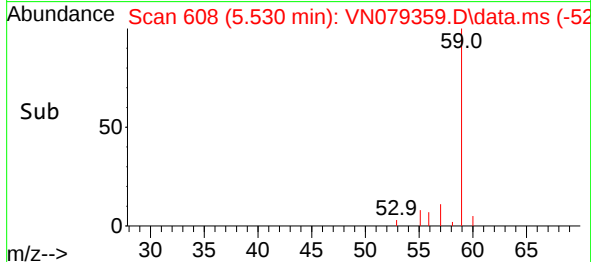
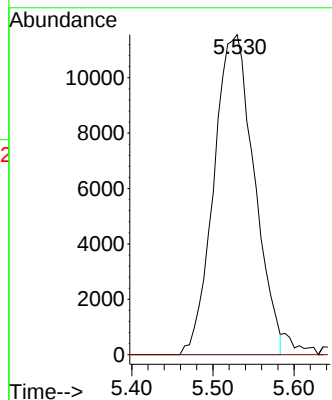
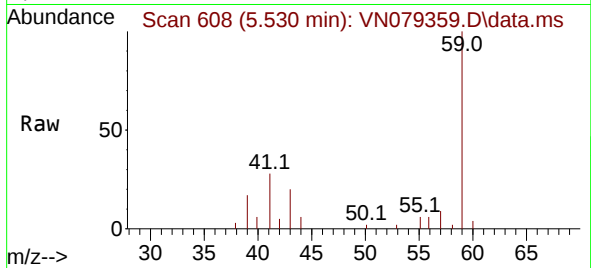
#23
tert-Butyl Alcohol
Concen: 106.662 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 39939
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

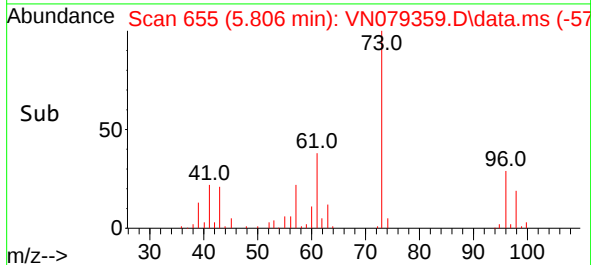
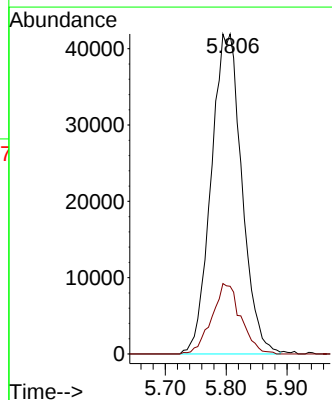
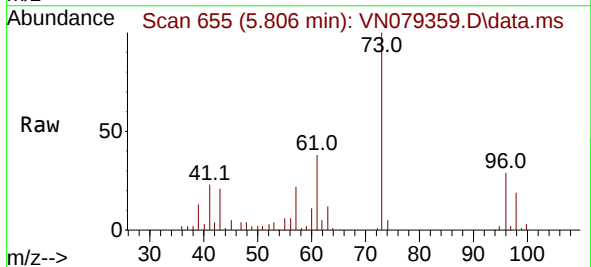
Manual Integrations
APPROVED

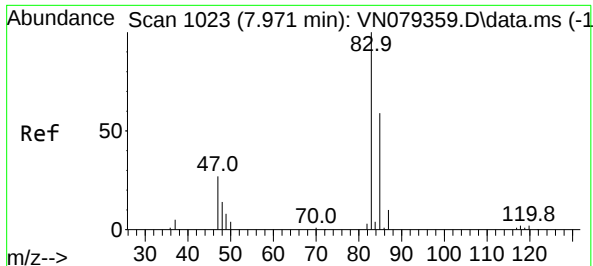
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 22.540 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 73 Resp: 146988
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8





#25

Chloroform

Concen: 19.710 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 9911

Ion Ratio Lower Upper

83 100

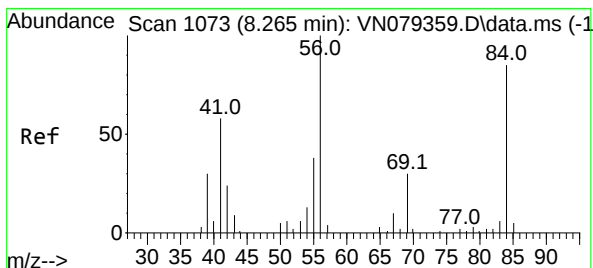
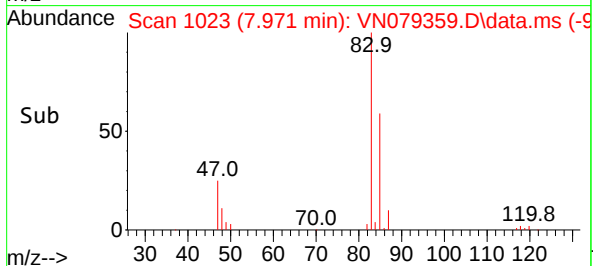
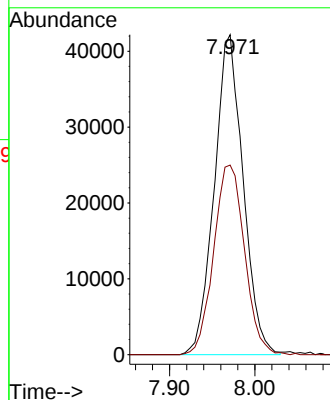
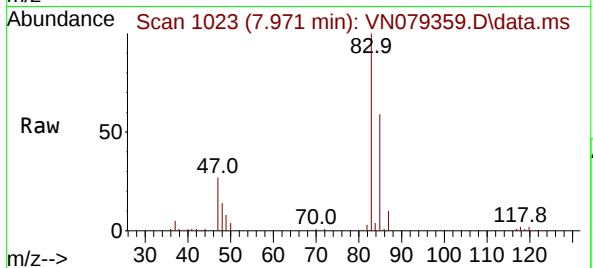
85 59.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#26

Cyclohexane

Concen: 22.605 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

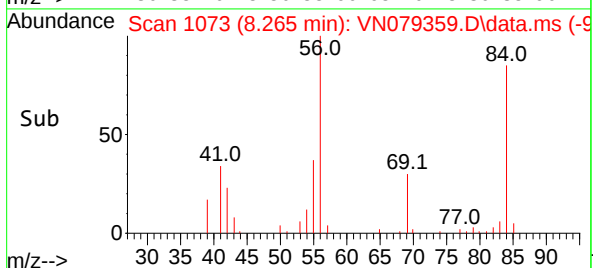
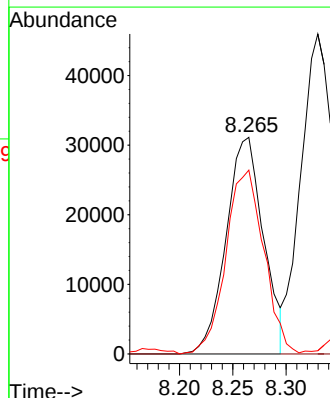
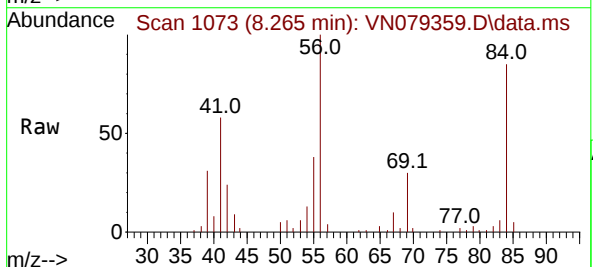
Tgt Ion: 56 Resp: 75987

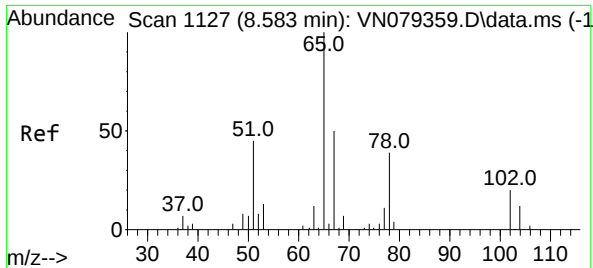
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.2 69.0 103.4





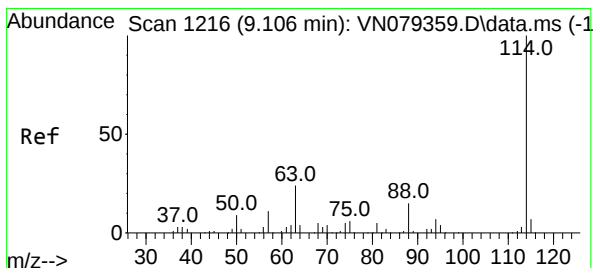
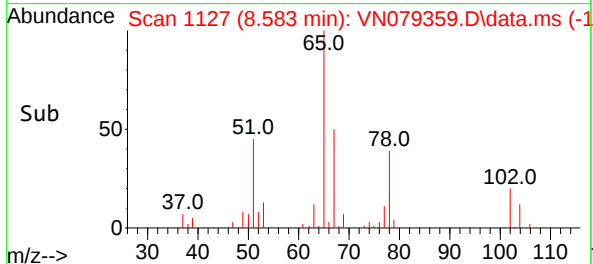
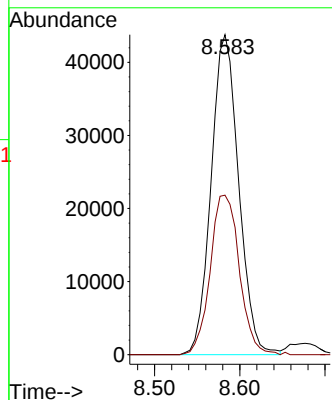
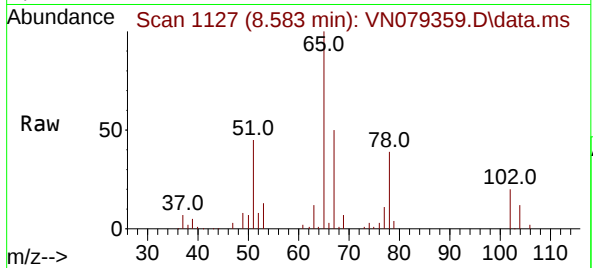
#27
1,2-Dichloroethane-d4
Concen: 29.713 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 98498
Ion Ratio Lower Upper
65 100
67 52.6 42.1 63.1

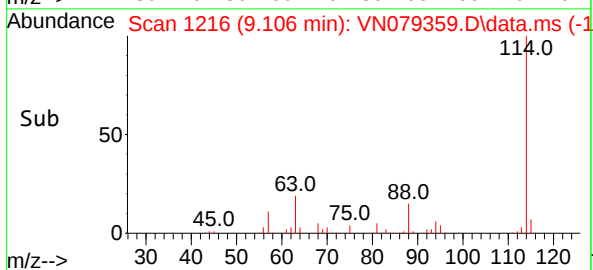
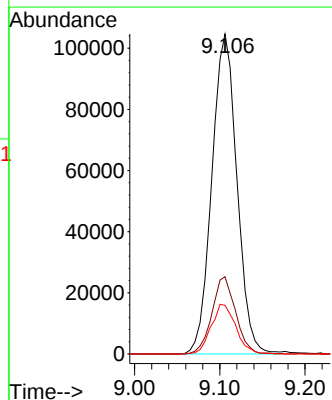
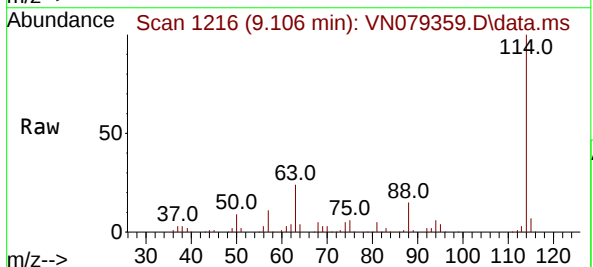
Manual Integrations
APPROVED

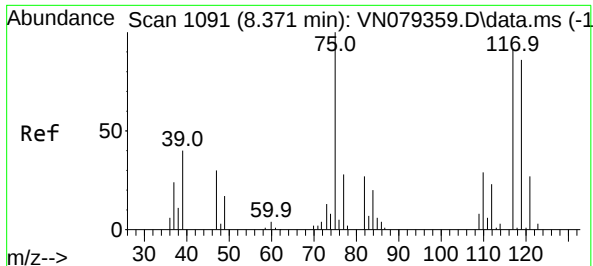
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:114 Resp: 214133
Ion Ratio Lower Upper
114 100
63 22.6 18.1 27.1
88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.098 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 7250

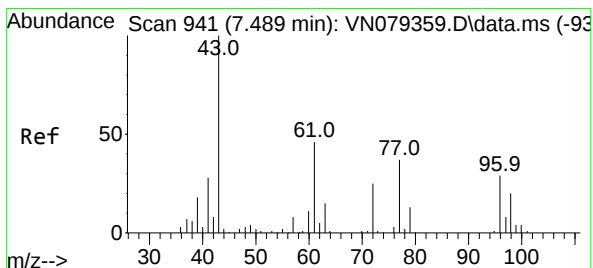
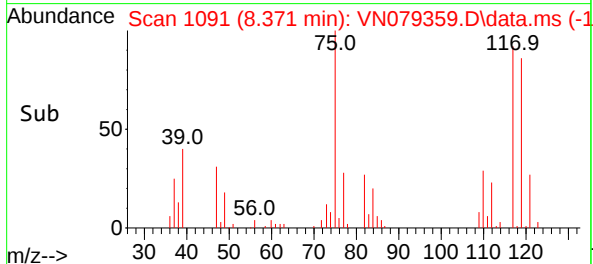
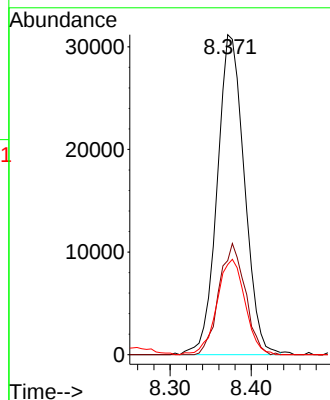
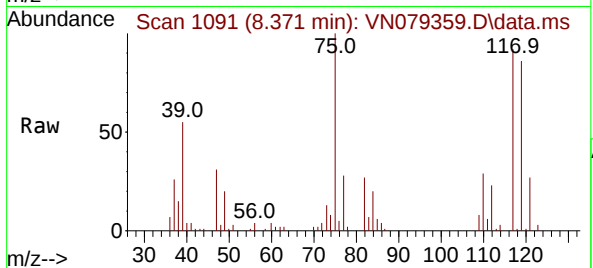
Ion	Ratio	Lower	Upper
75	100		
110	33.4	0.0	66.8
77	30.6	0.0	61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#30

2-Butanone

Concen: 100.952 ug/l

RT: 7.489 min Scan# 941

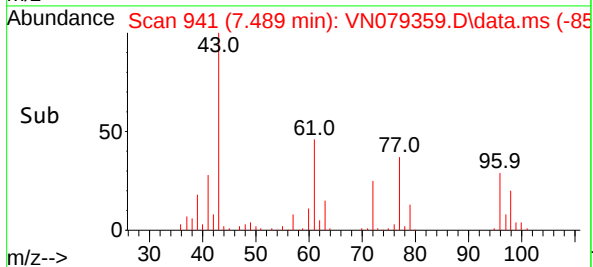
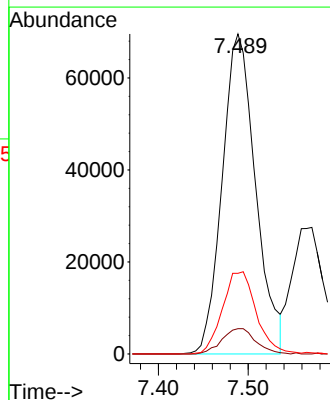
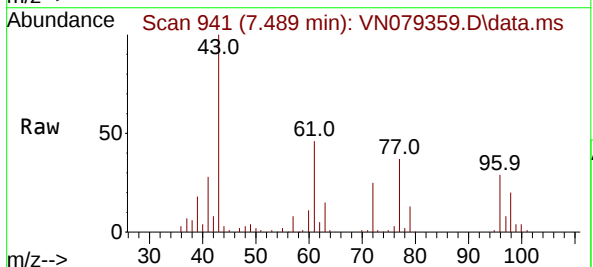
Delta R.T. 0.000 min

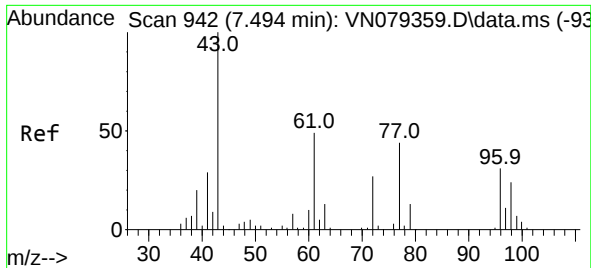
Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Tgt Ion: 43 Resp: 180168

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.4	9.6
72	25.9	20.7	31.1





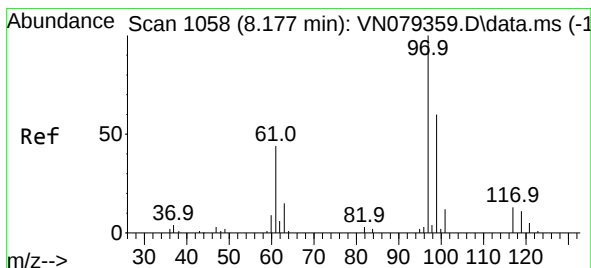
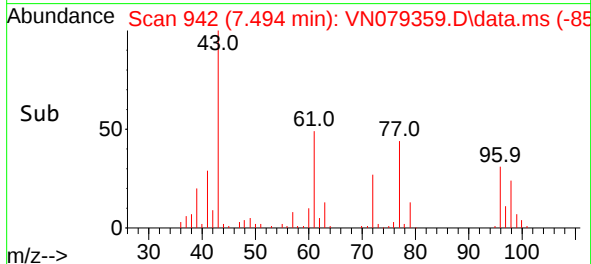
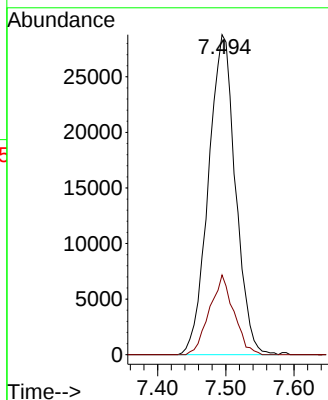
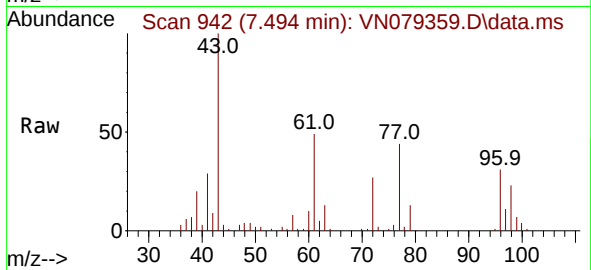
#31
2,2-Dichloropropane
Concen: 19.976 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 7956
Ion Ratio Lower Upper
77 100
97 22.4 17.9 26.9

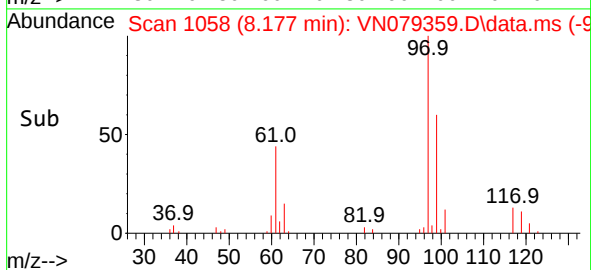
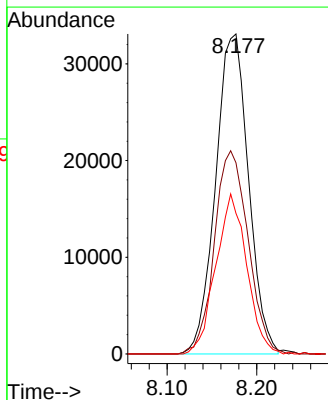
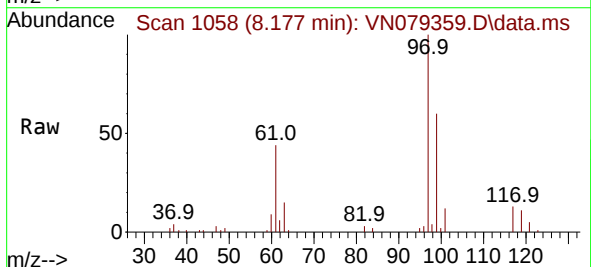
Manual Integrations
APPROVED

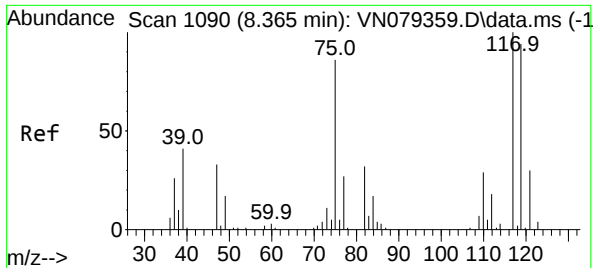
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 20.178 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

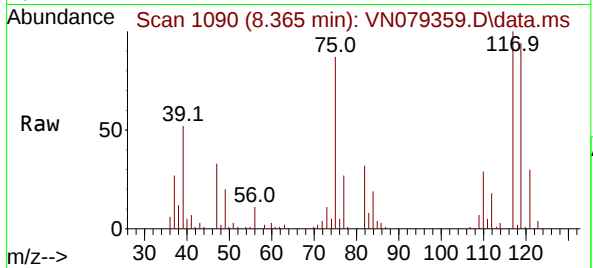
Tgt Ion: 97 Resp: 84396
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 47.0 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.917 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

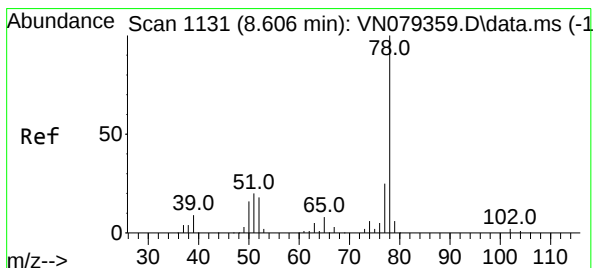
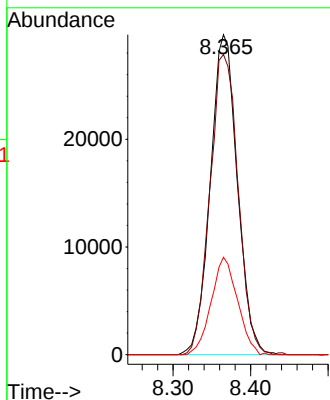
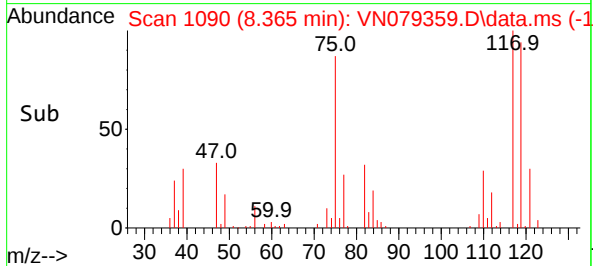
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



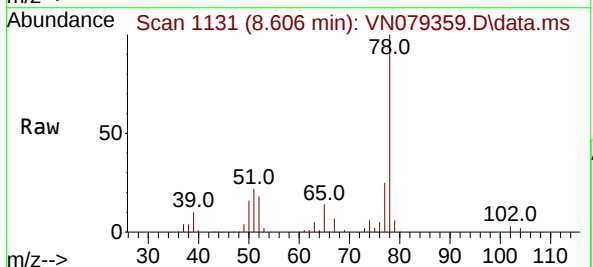
Tgt Ion: 117 Resp: 72149
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 30.4 24.3 36.5

Manual Integrations
APPROVED

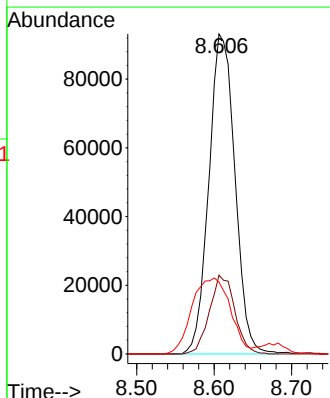
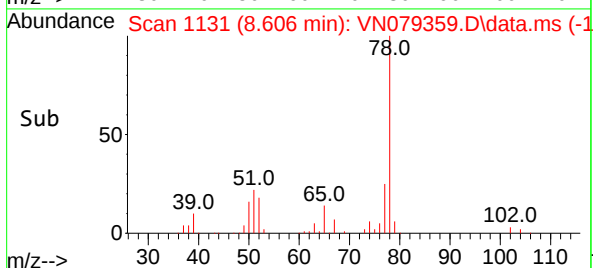
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

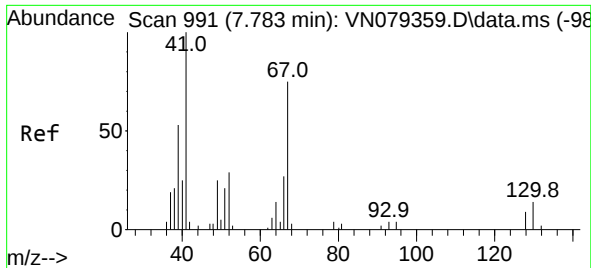


#34
Benzene
Concen: 19.919 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



Tgt Ion: 78 Resp: 217711
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5
51 19.7 15.8 23.6





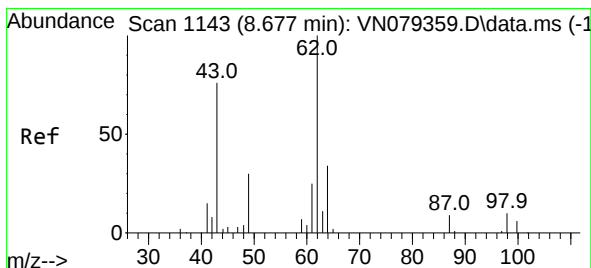
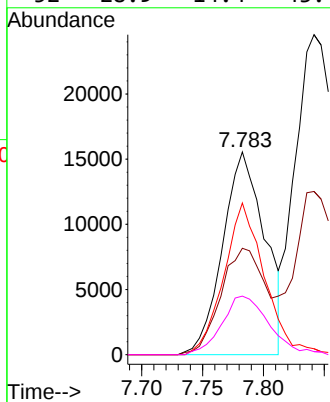
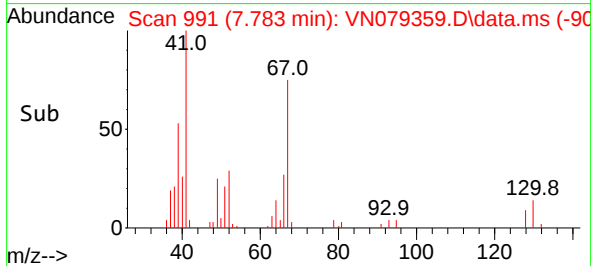
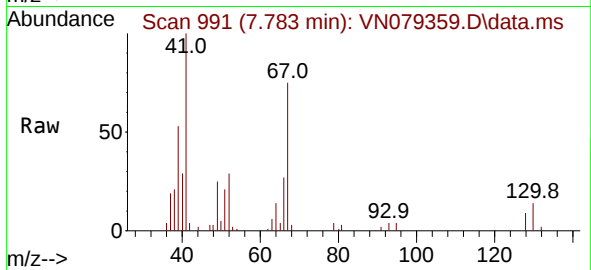
#35
Methacrylonitrile
Concen: 20.320 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020

Tgt Ion:	41	Resp:	3754
Ion Ratio	Lower	Upper	
41	100		
39	52.5	26.3	78.8
67	74.9	37.5	112.3
52	28.9	14.4	43.4

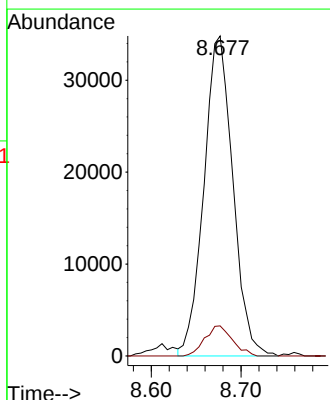
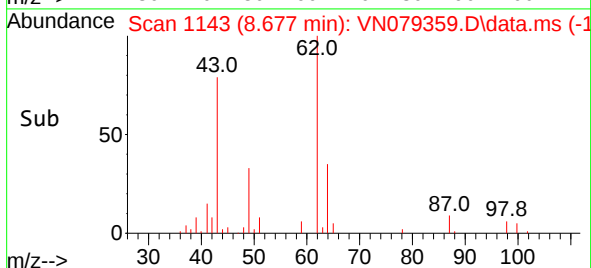
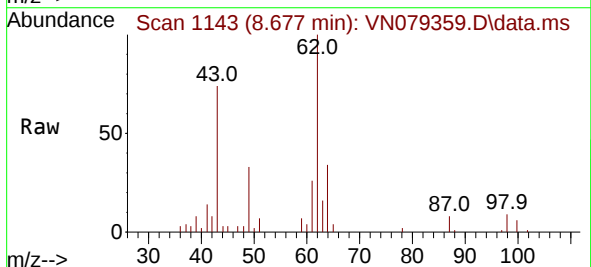
Manual Integrations
APPROVED

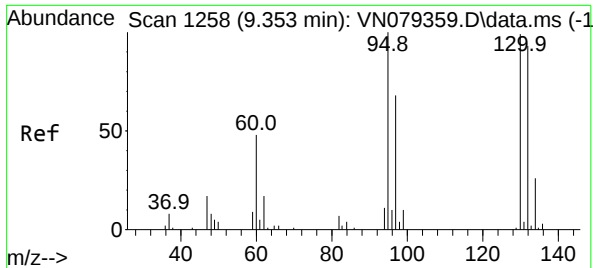
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 19.705 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

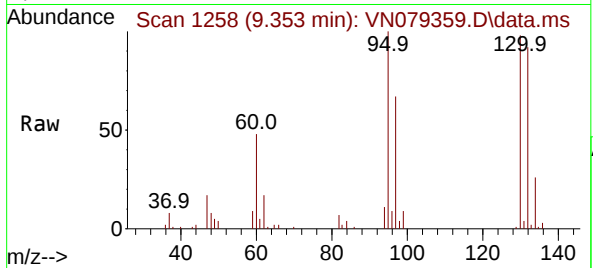
Tgt Ion:	62	Resp:	78010
Ion Ratio	Lower	Upper	
62	100		
98	9.0	7.2	10.8





#37
Trichloroethene
Concen: 19.822 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

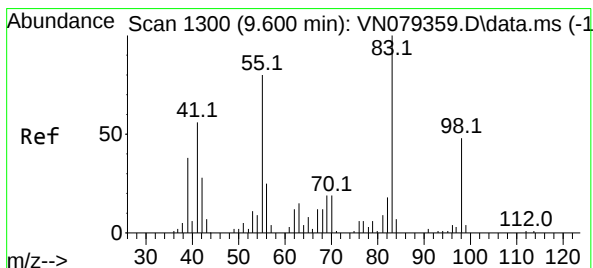
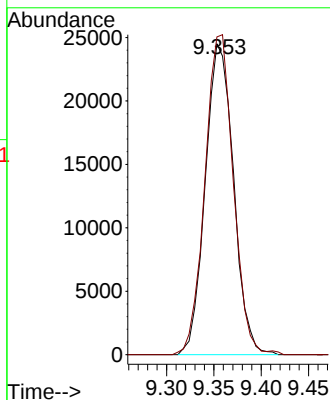
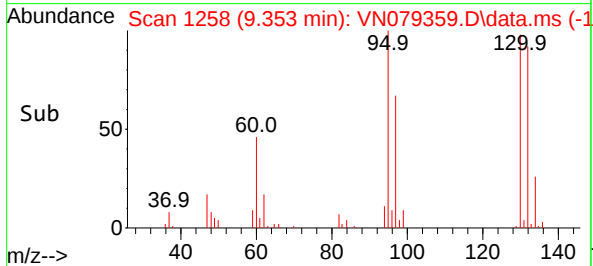
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



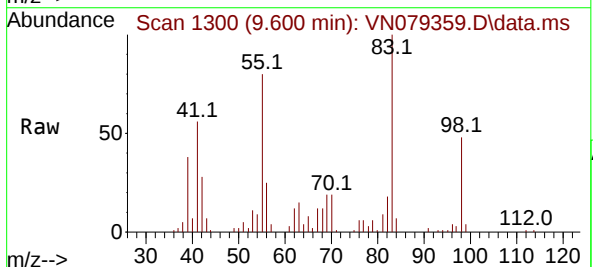
Tgt Ion:130 Resp: 50910
Ion Ratio Lower Upper
130 100
95 101.5 81.2 121.8

Manual Integrations
APPROVED

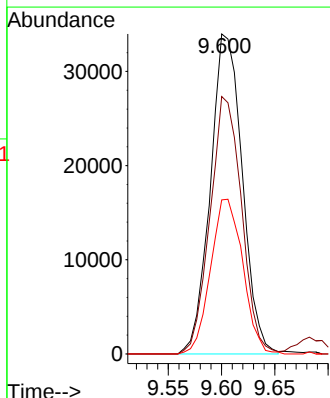
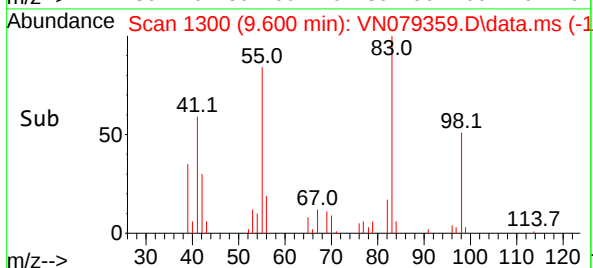
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

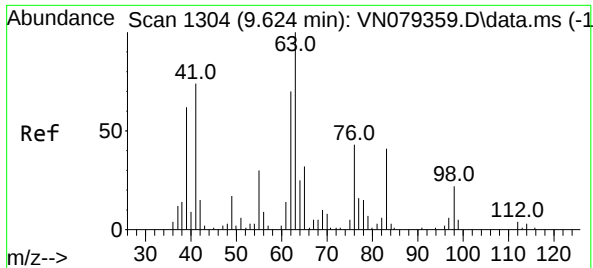


#38
Methylcyclohexane
Concen: 19.984 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



Tgt Ion: 83 Resp: 70697
Ion Ratio Lower Upper
83 100
55 79.4 39.7 119.1
98 48.8 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.992 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 5800

Ion Ratio Lower Upper

63 100

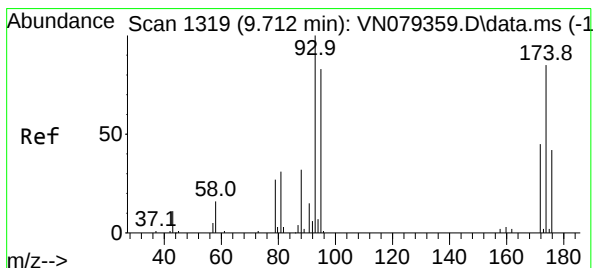
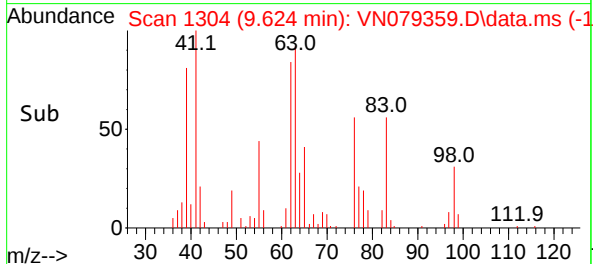
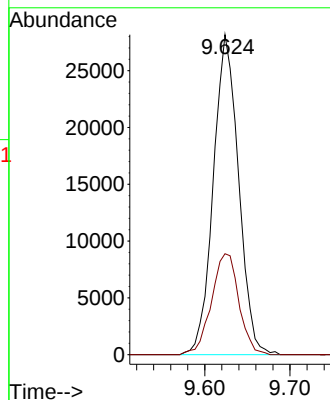
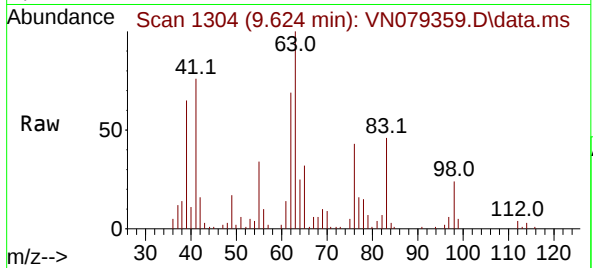
65 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 19.738 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

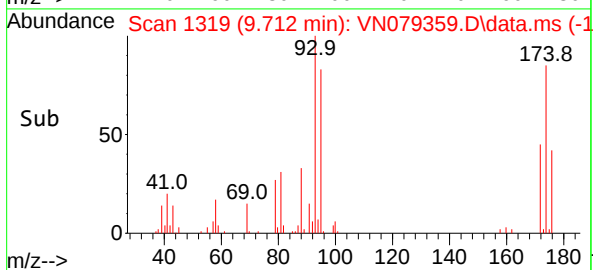
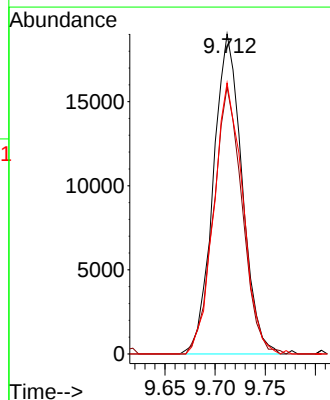
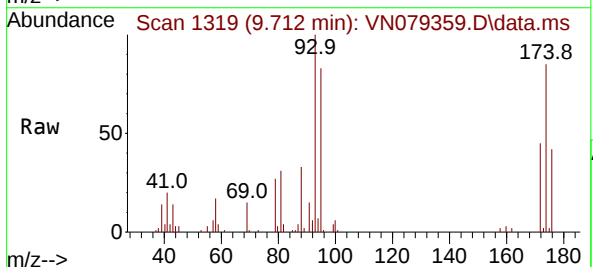
Tgt Ion: 93 Resp: 37907

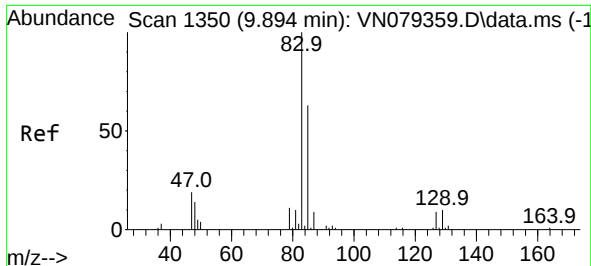
Ion Ratio Lower Upper

93 100

95 83.3 0.0 166.6

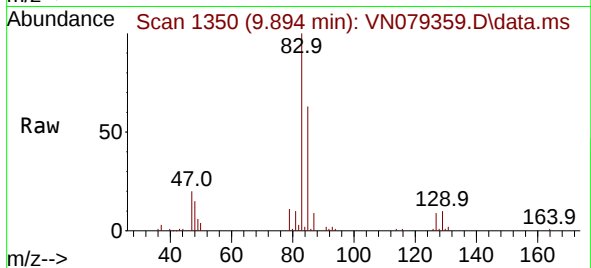
174 85.5 0.0 171.0





#41
Bromodichloromethane
Concen: 20.191 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

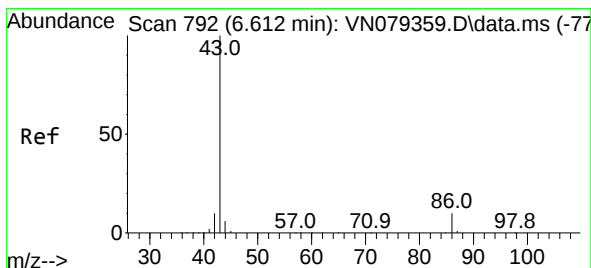
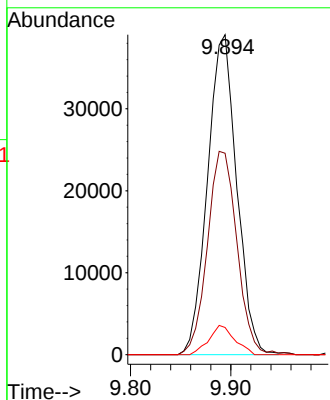
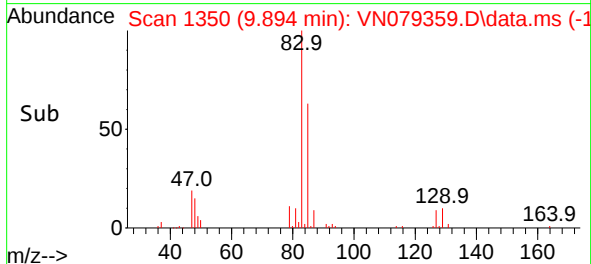
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 78962
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5
127 8.5 6.8 10.2

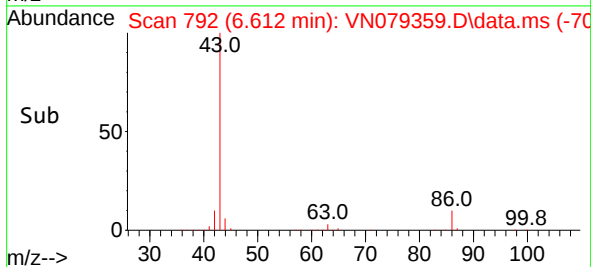
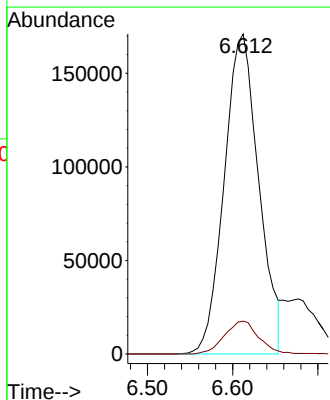
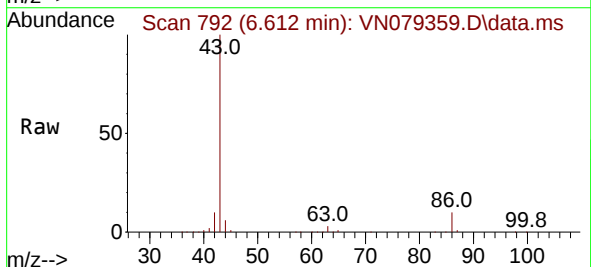
Manual Integrations
APPROVED

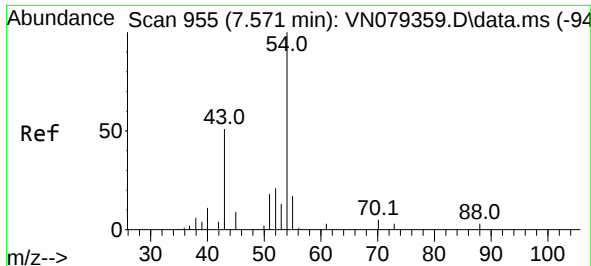
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 99.977 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 43 Resp: 482135
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





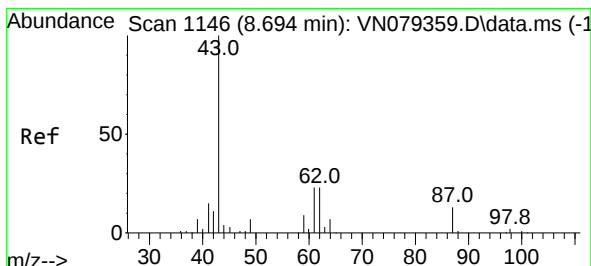
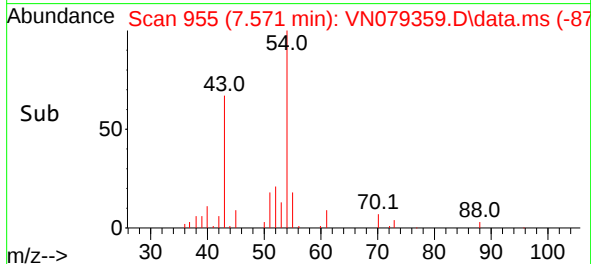
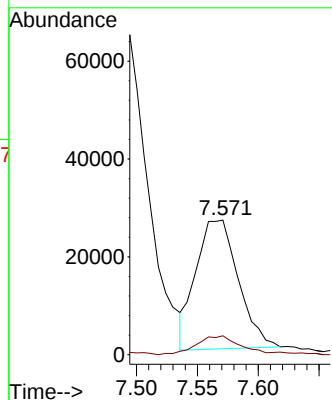
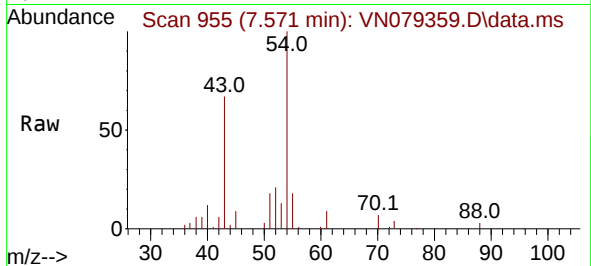
#43
Ethyl Acetate
Concen: 17.988 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8

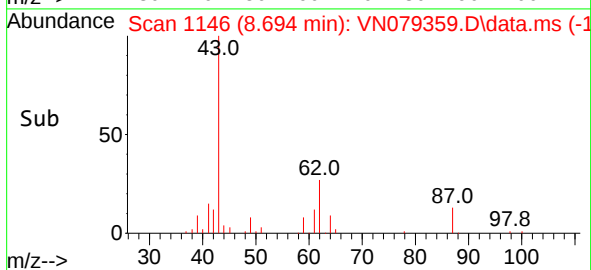
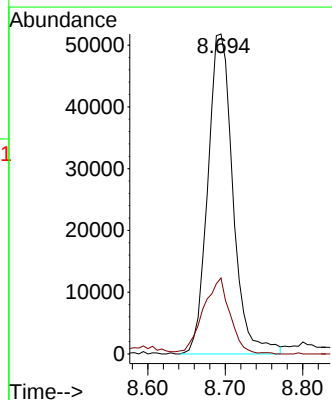
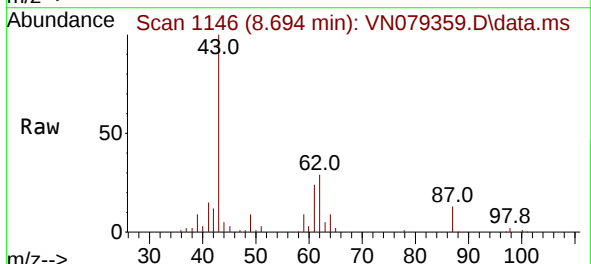
Manual Integrations
APPROVED

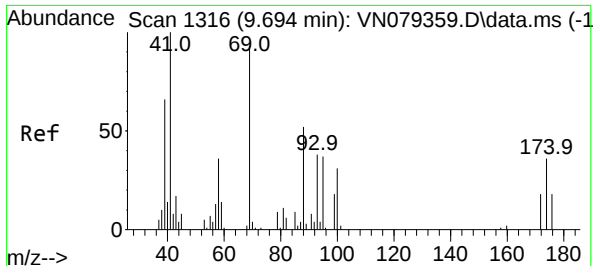
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#44
Isopropyl Acetate
Concen: 20.444 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 43 Resp: 116852
Ion Ratio Lower Upper
43 100
61 25.4 20.3 30.5





#45

1,4-Dioxane

Concen: 395.793 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

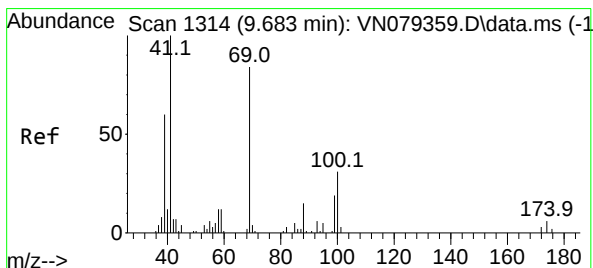
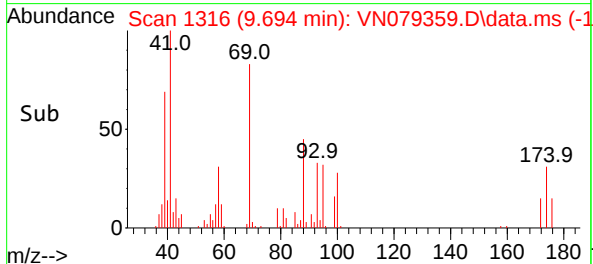
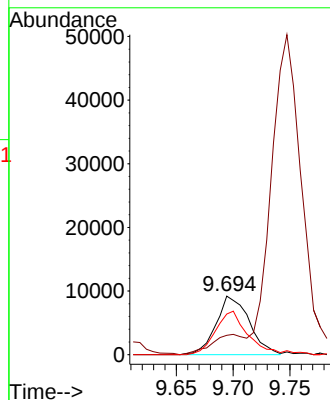
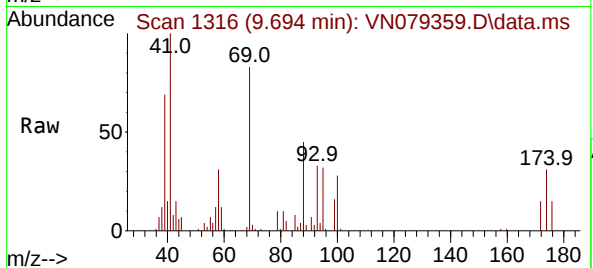
ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 1866
 Ion Ratio Lower Upper
 88 100
 43 35.9 28.7 43.1
 58 71.1 56.9 85.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Methyl methacrylate

Concen: 20.570 ug/l

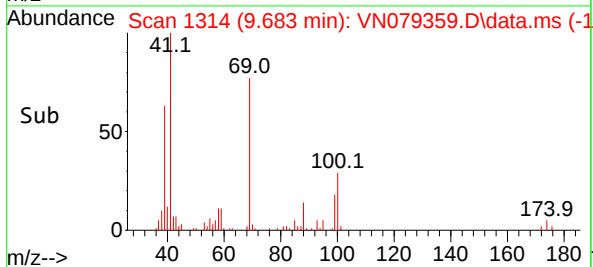
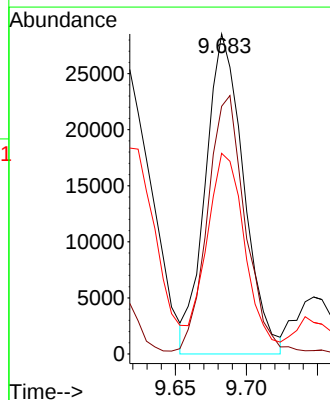
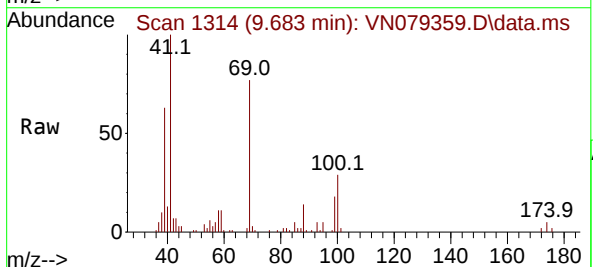
RT: 9.683 min Scan# 1314

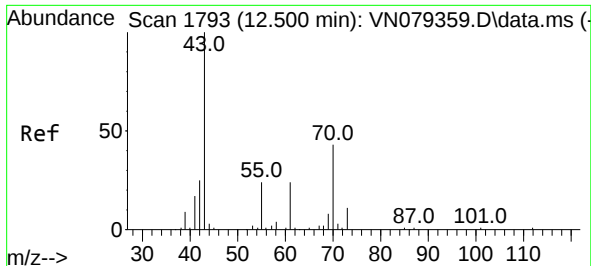
Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Tgt Ion: 41 Resp: 53434
 Ion Ratio Lower Upper
 41 100
 69 79.9 40.0 119.9
 39 62.2 31.1 93.3





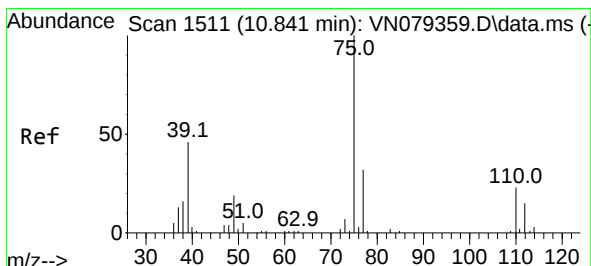
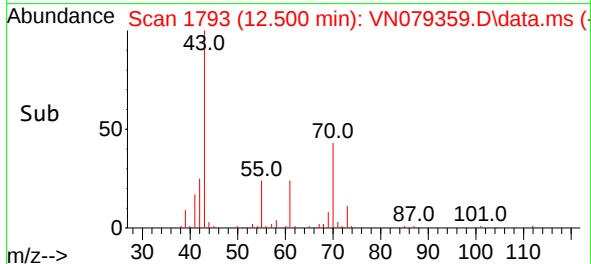
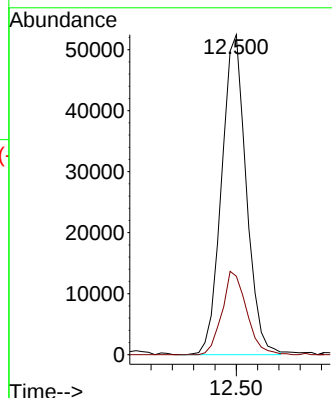
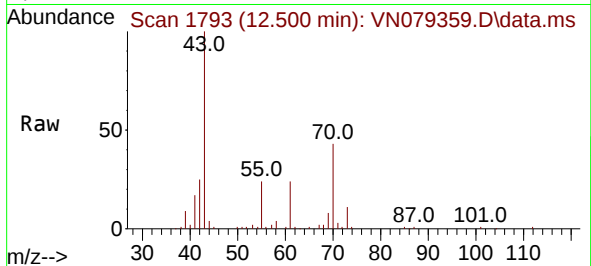
#47
n-amy1 Acetate
Concen: 20.704 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 8421
Ion Ratio Lower Upper
43 100
55 25.9 20.7 31.1

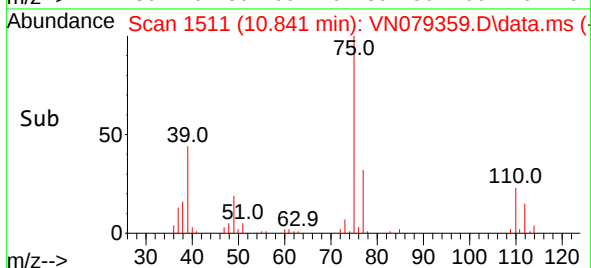
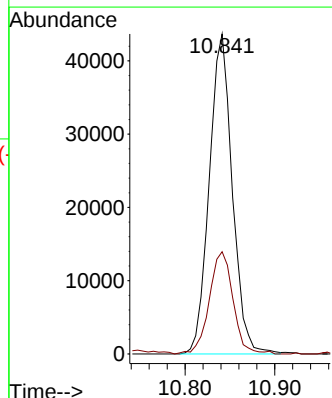
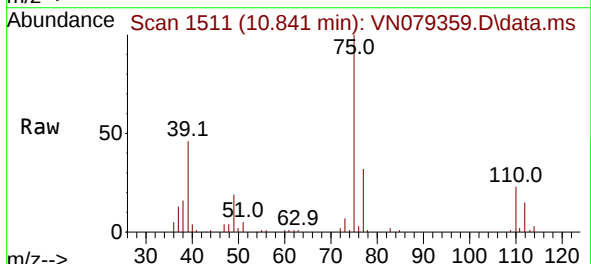
Manual Integrations
APPROVED

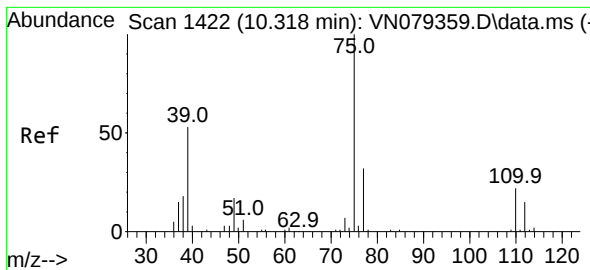
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 19.585 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

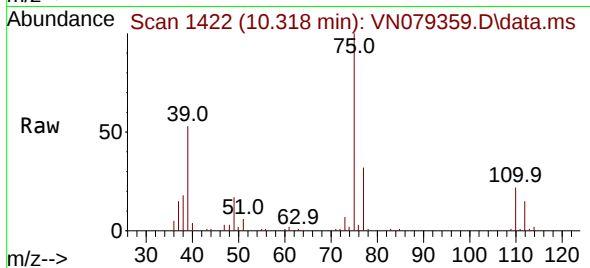
Tgt Ion: 75 Resp: 77794
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 20.131 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

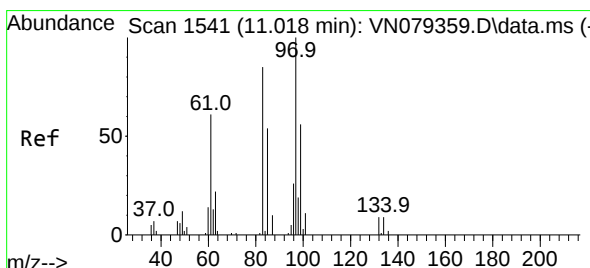
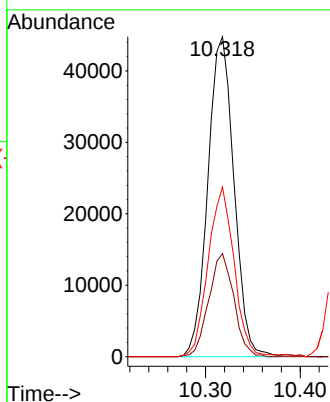
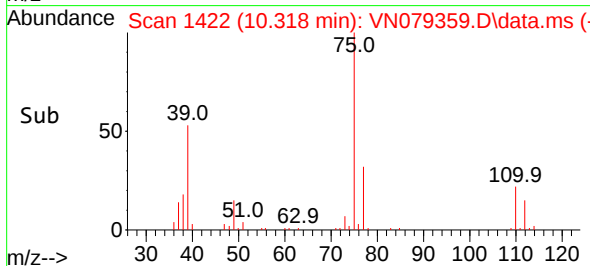
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 8580
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 53.0 42.4 63.6

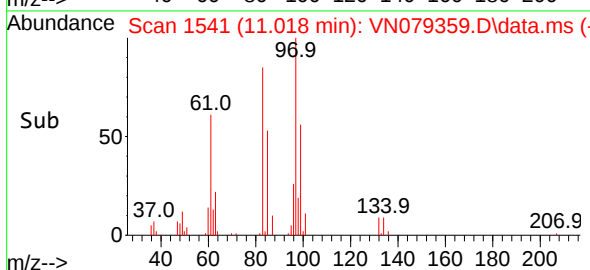
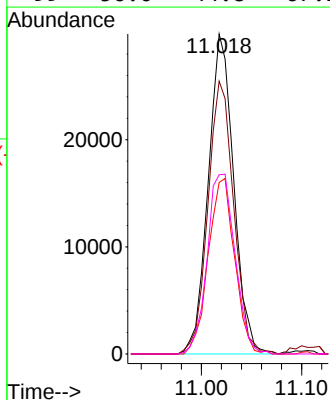
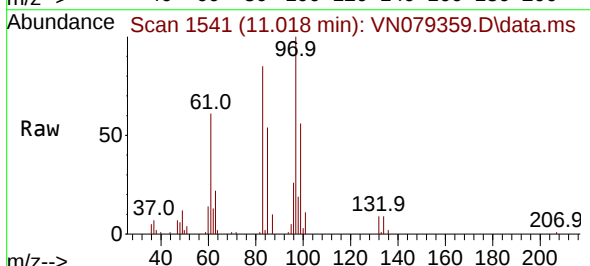
Manual Integrations
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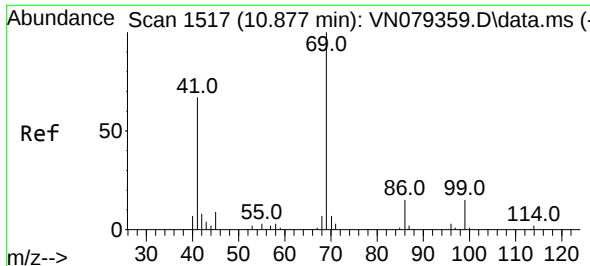
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.105 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

Tgt Ion: 97 Resp: 52673
 Ion Ratio Lower Upper
 97 100
 83 85.3 68.2 102.4
 85 53.6 42.9 64.3
 99 56.0 44.8 67.2





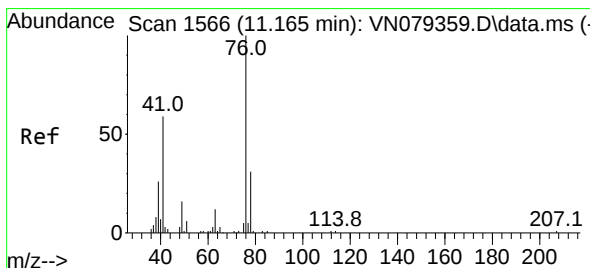
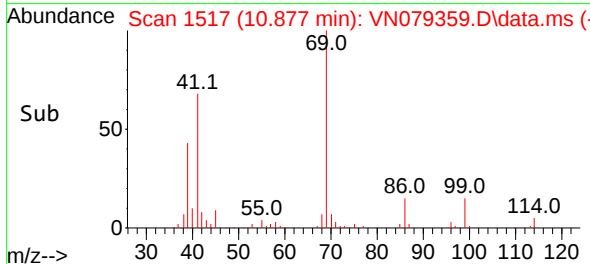
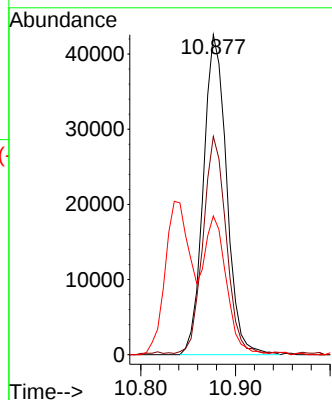
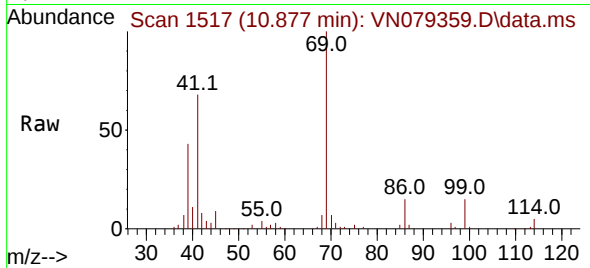
#51
Ethyl methacrylate
Concen: 20.416 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 7270
Ion Ratio Lower Upper
69 100
41 67.5 33.8 101.3
39 42.6 21.3 63.9

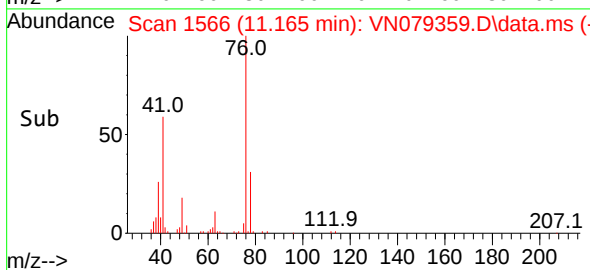
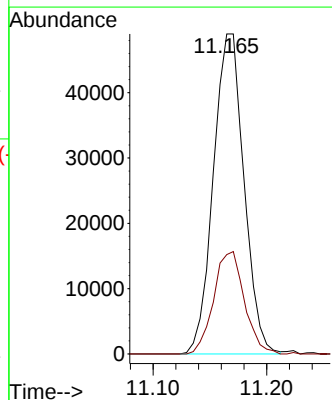
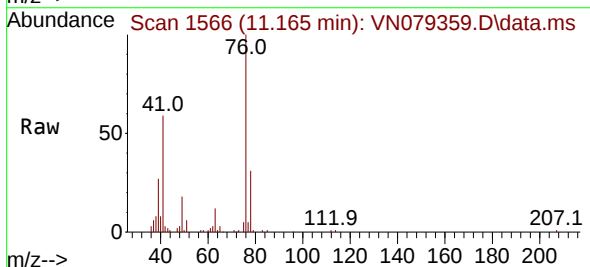
Manual Integrations
APPROVED

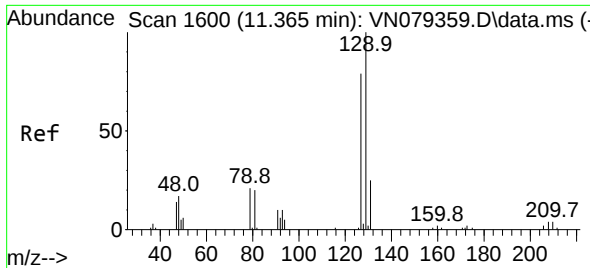
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
1,3-Dichloropropane
Concen: 19.640 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 76 Resp: 91784
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





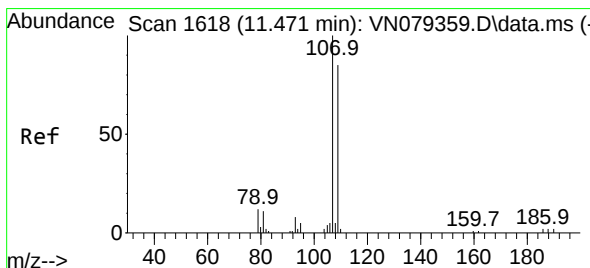
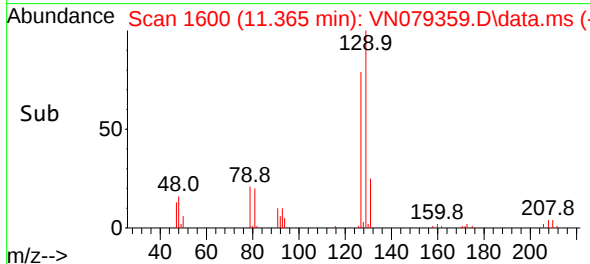
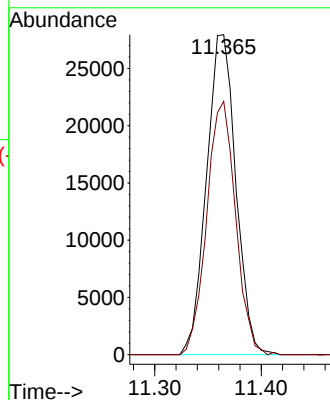
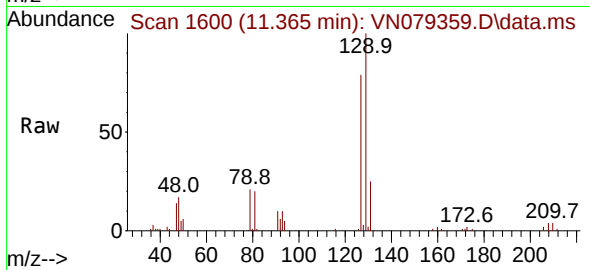
#53
Dibromochloromethane
Concen: 20.199 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 5356
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

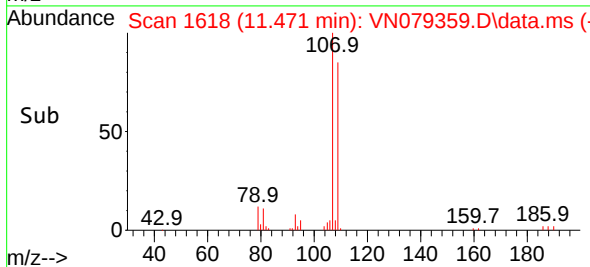
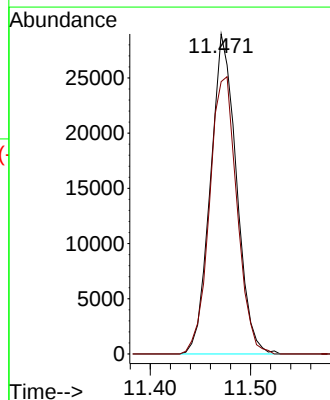
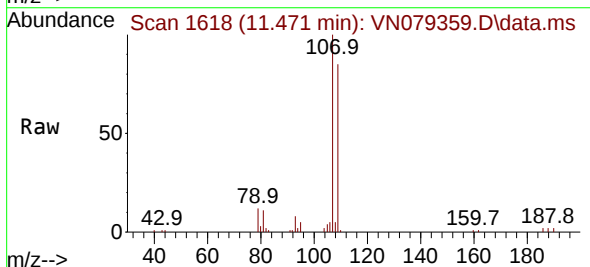
Manual Integrations
APPROVED

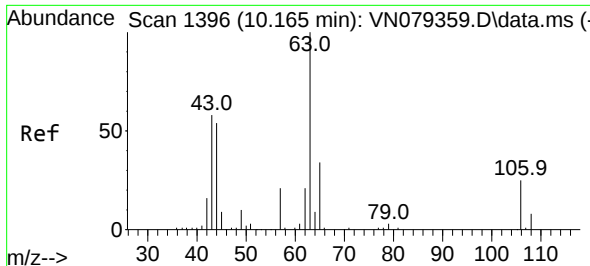
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#54
1,2-Dibromoethane
Concen: 20.384 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:107 Resp: 52082
Ion Ratio Lower Upper
107 100
109 91.5 73.2 109.8





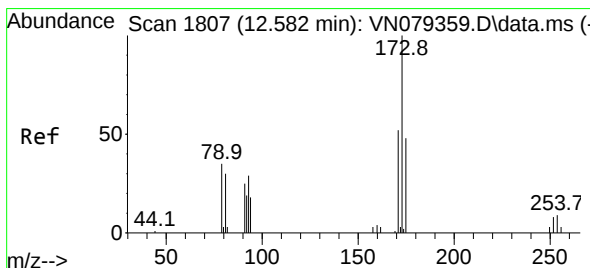
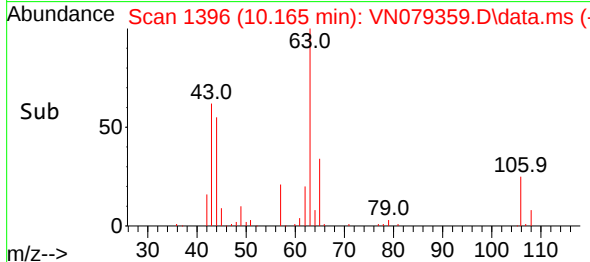
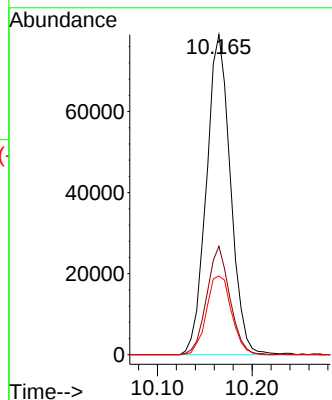
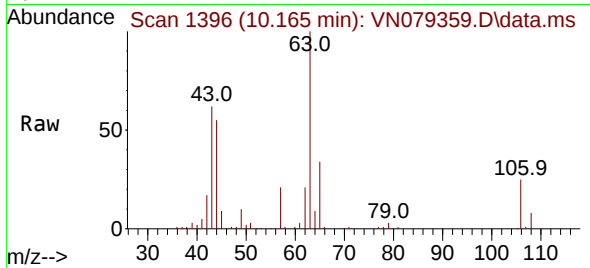
#55
2-Chloroethyl vinyl ether
Concen: 100.703 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 139420
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 25.7 20.6 30.8

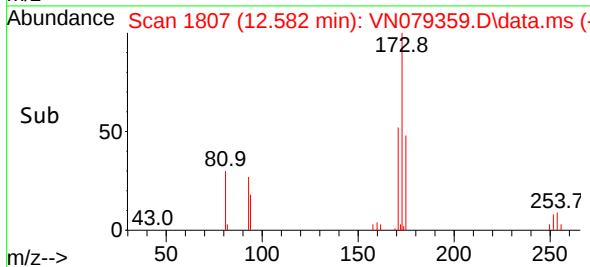
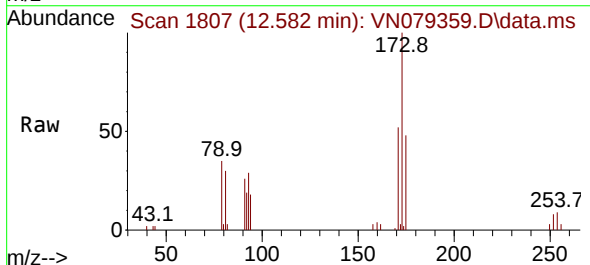
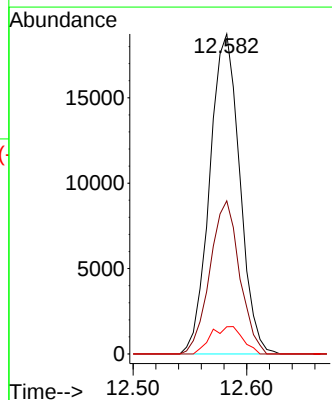
Manual Integrations
APPROVED

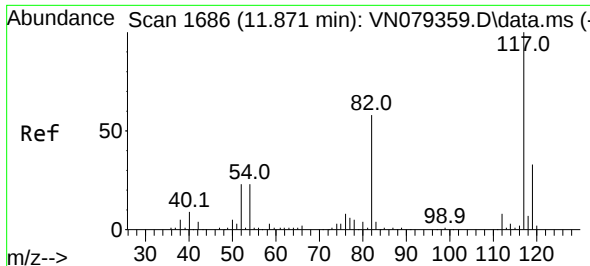
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 20.345 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:173 Resp: 34370
Ion Ratio Lower Upper
173 100
175 47.4 37.9 56.9
254 9.1 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

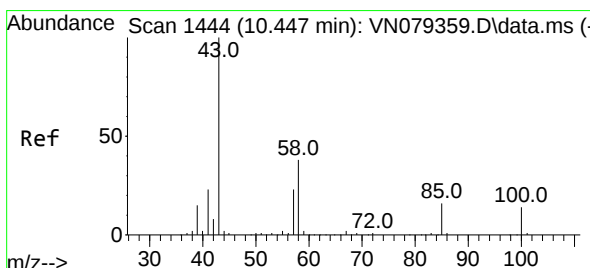
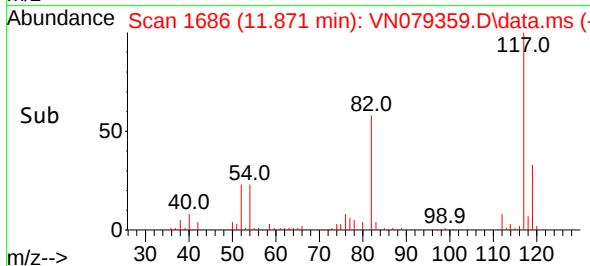
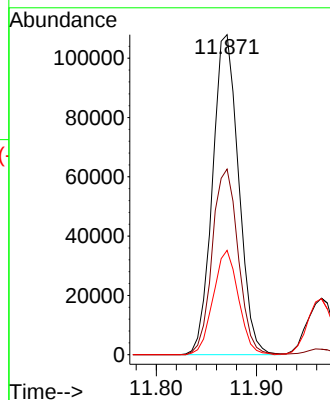
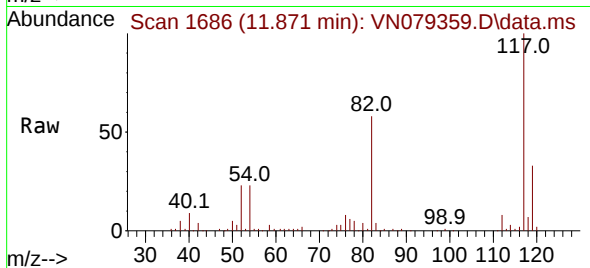
Tgt Ion:	117	Resp:	195498
Ion Ratio	Lower	Upper	
117	100		
82	57.7	46.2	69.2
119	31.5	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#58

4-Methyl-2-Pentanone

Concen: 101.611 ug/l

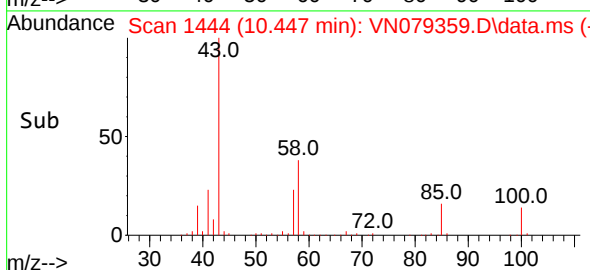
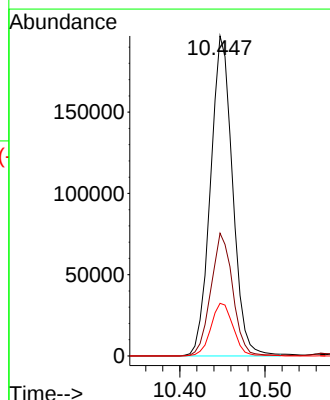
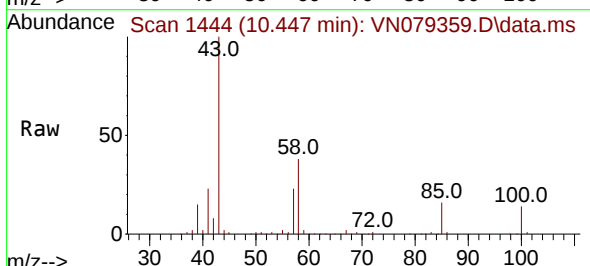
RT: 10.447 min Scan# 1444

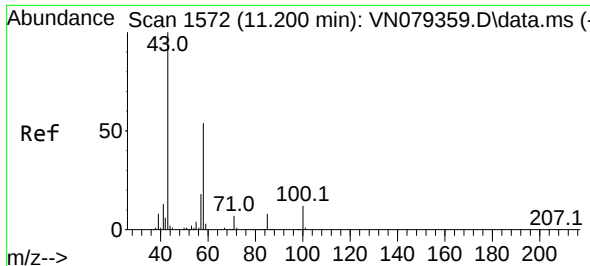
Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

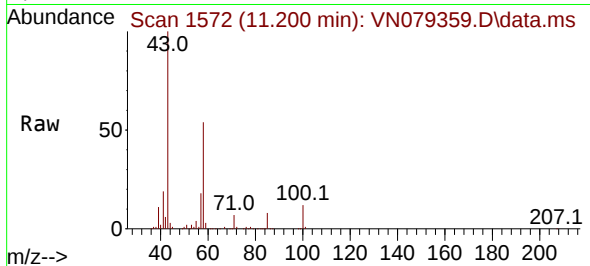
Tgt Ion:	43	Resp:	355498
Ion Ratio	Lower	Upper	
43	100		
58	38.0	30.4	45.6
85	16.5	13.2	19.8





#59
2-Hexanone
Concen: 101.248 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

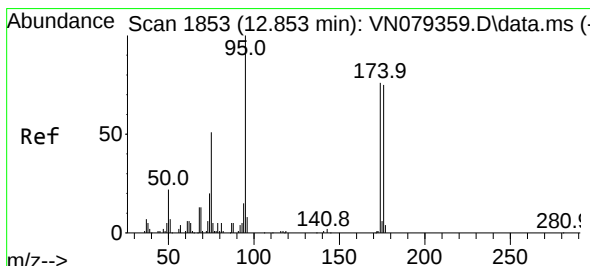
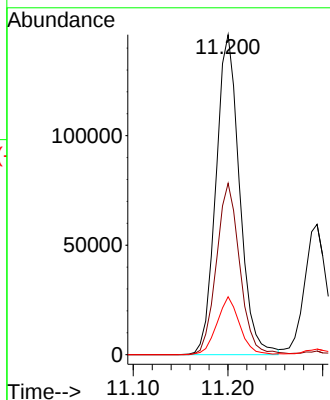
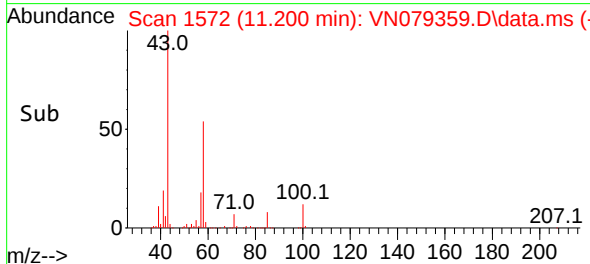
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 253428
Ion Ratio Lower Upper
43 100
58 52.9 42.3 63.5
57 17.4 13.9 20.9

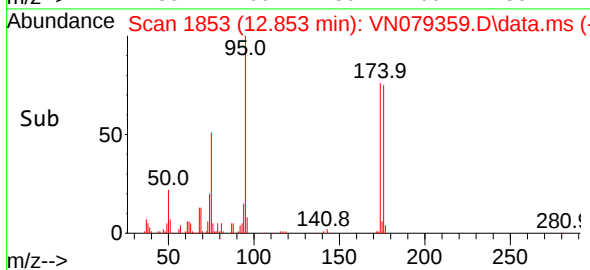
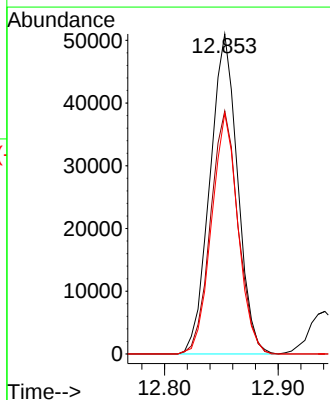
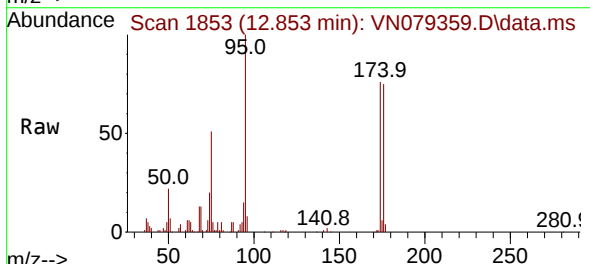
Manual Integrations
APPROVED

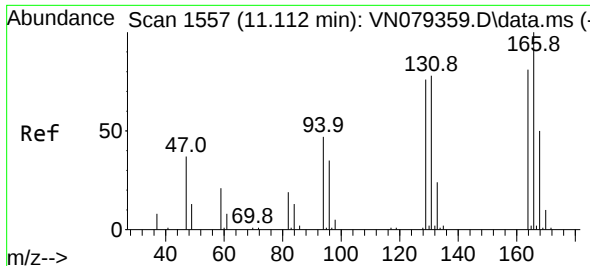
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 30.980 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

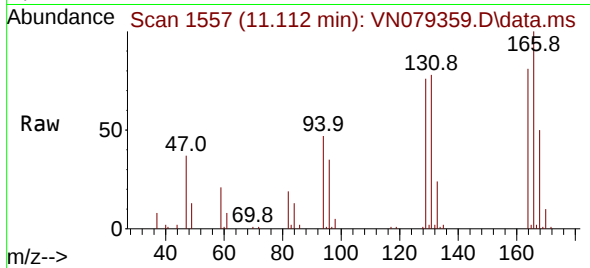
Tgt Ion: 95 Resp: 86327
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 71.5 57.2 85.8





#61
Tetrachloroethene
Concen: 19.378 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

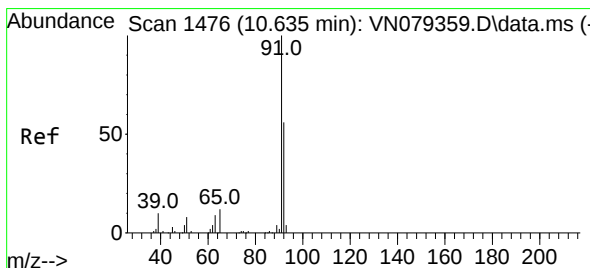
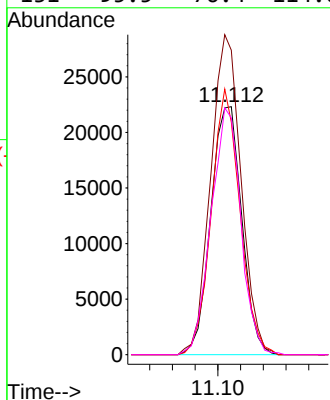
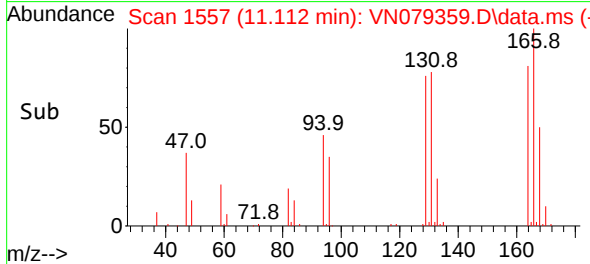
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 4224
Ion Ratio Lower Upper
164 100
166 122.8 98.2 147.4
129 93.7 75.0 112.4
131 95.5 76.4 114.6

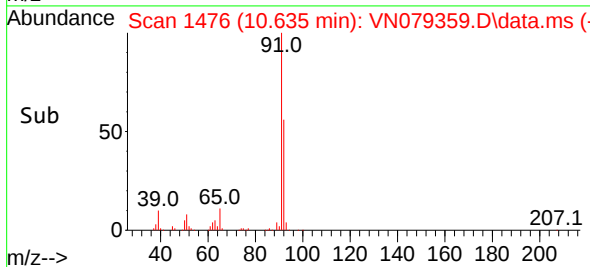
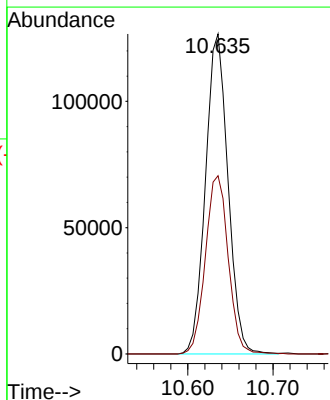
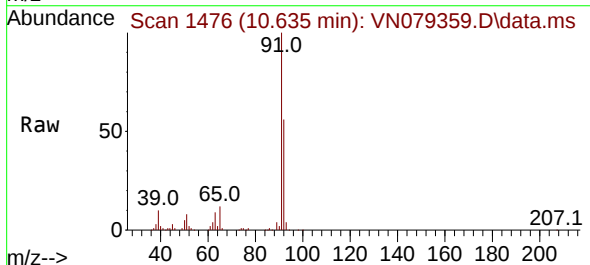
Manual Integrations
APPROVED

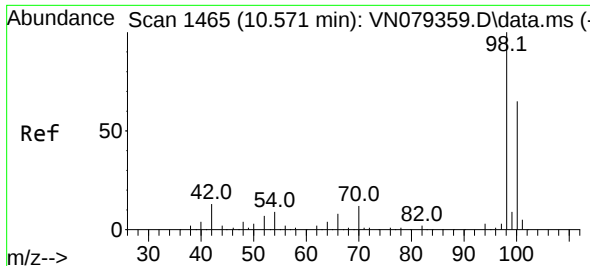
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#62
Toluene
Concen: 19.840 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

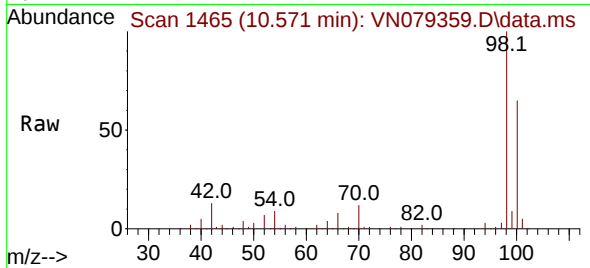
Tgt Ion: 91 Resp: 232350
Ion Ratio Lower Upper
91 100
92 56.6 45.3 67.9





#63
Toluene-d8
Concen: 29.896 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

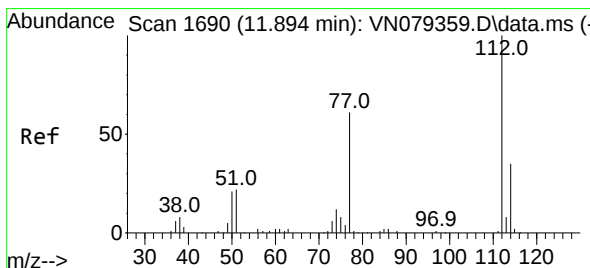
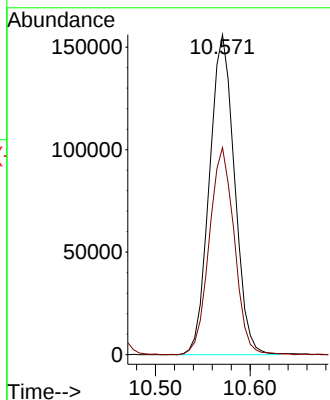
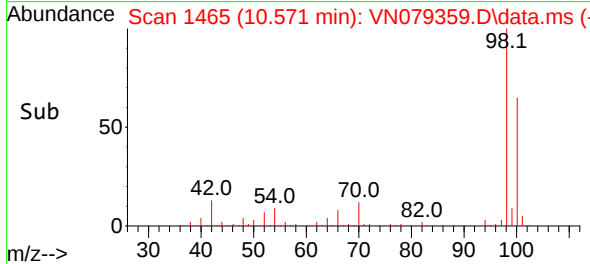
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



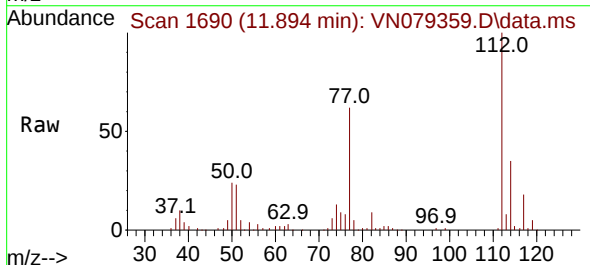
Tgt Ion: 98 Resp: 287145
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

Manual Integrations
APPROVED

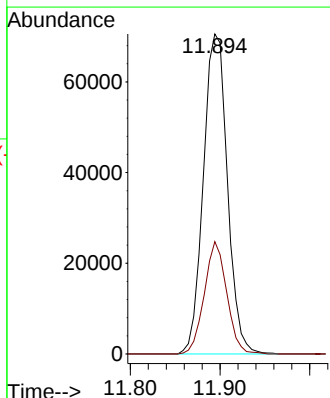
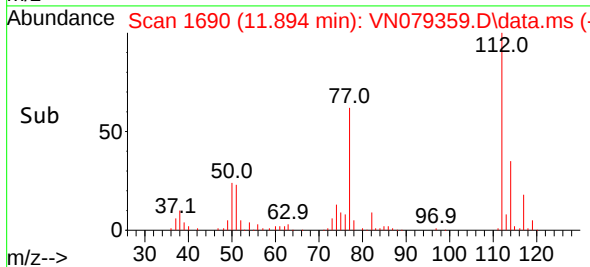
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

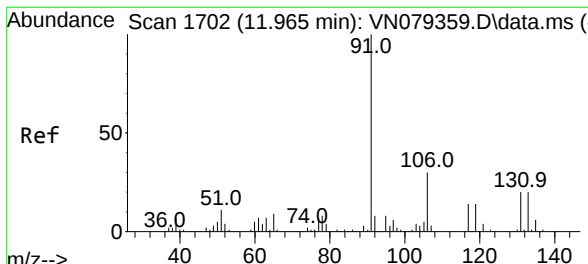


#64
Chlorobenzene
Concen: 19.550 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



Tgt Ion:112 Resp: 131401
Ion Ratio Lower Upper
112 100
114 35.1 28.1 42.1





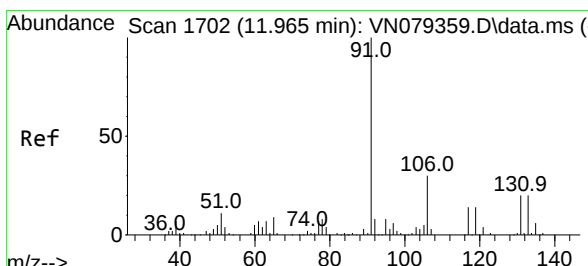
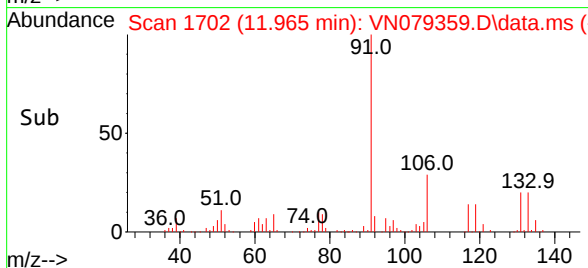
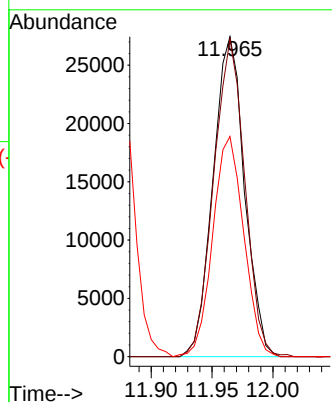
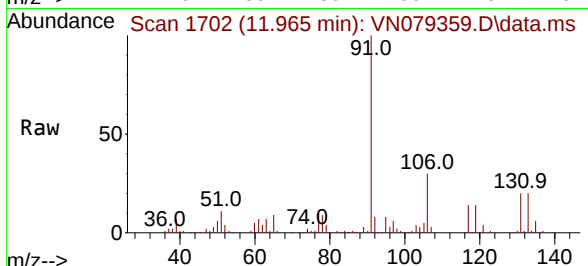
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.638 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:131 Resp: 49375
 Ion Ratio Lower Upper
 131 100
 133 98.0 0.0 196.0
 119 67.8 0.0 135.6

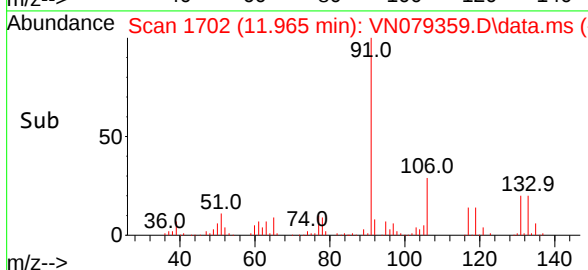
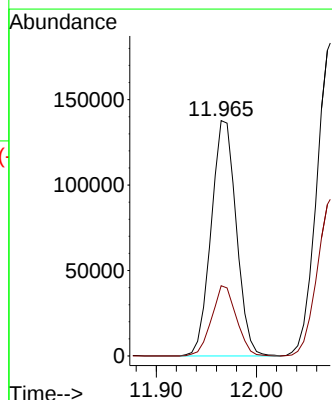
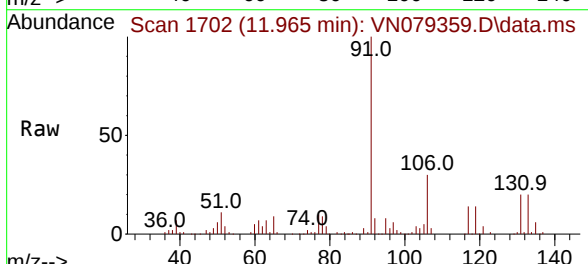
Manual Integrations
 APPROVED

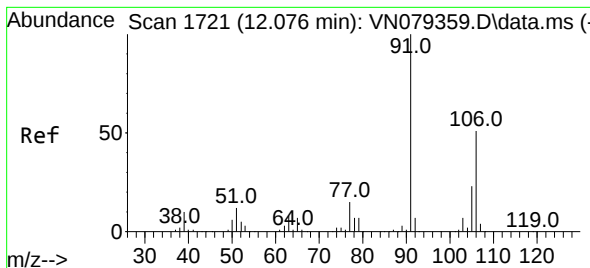
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#66
 Ethyl Benzene
 Concen: 20.268 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

Tgt Ion: 91 Resp: 240083
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.8 35.8





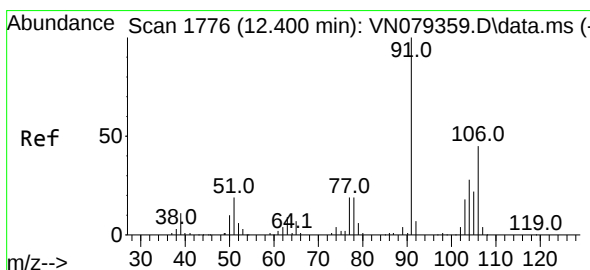
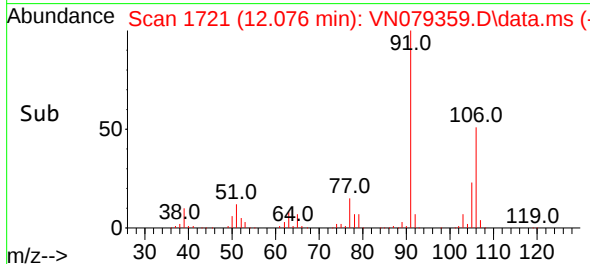
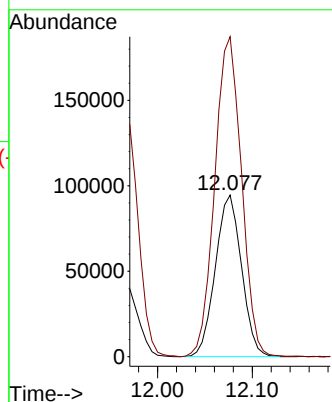
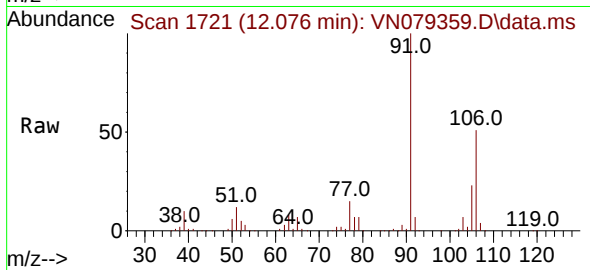
#67
m/p-Xylenes
Concen: 41.494 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 181720
Ion Ratio Lower Upper
106 100
91 202.2 161.8 242.6

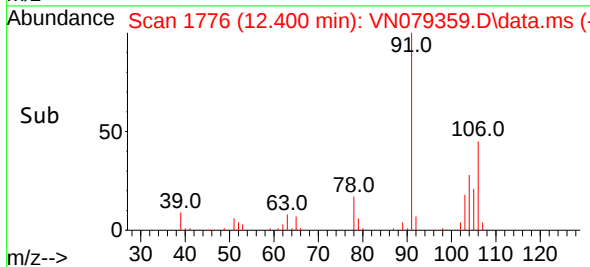
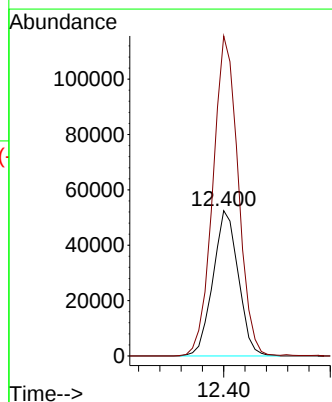
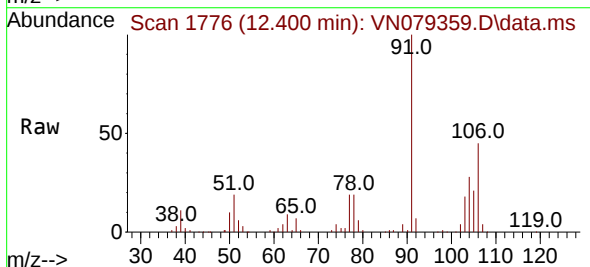
Manual Integrations
APPROVED

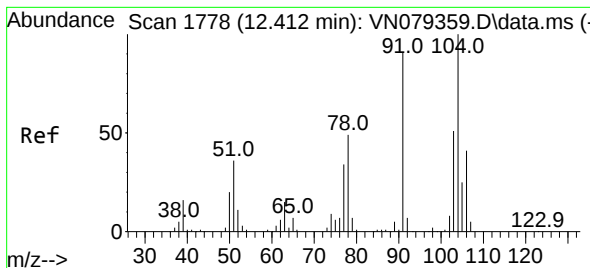
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 20.557 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:106 Resp: 86639
Ion Ratio Lower Upper
106 100
91 219.8 109.9 329.7





#69

Styrene

Concen: 20.904 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

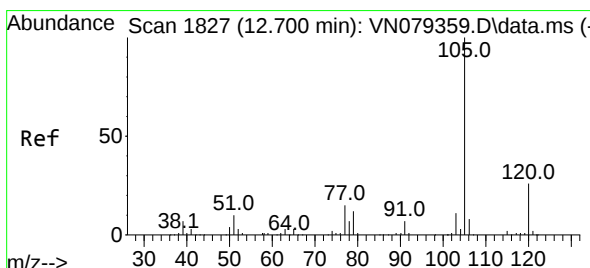
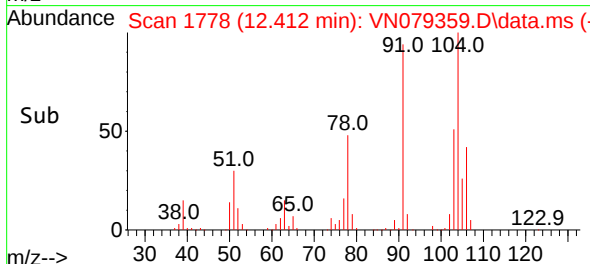
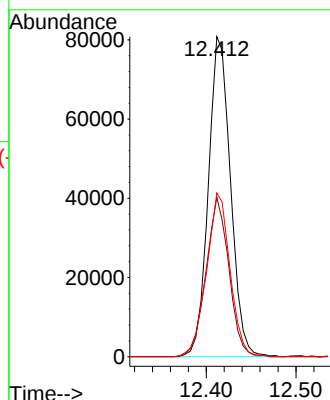
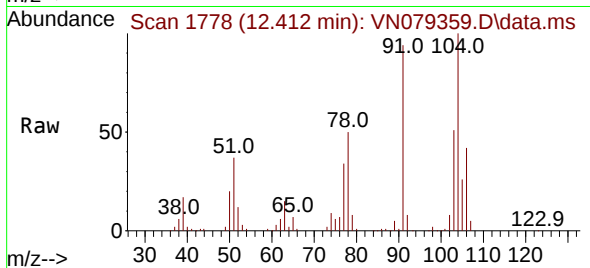
Tgt Ion:104 Resp: 138785
 Ion Ratio Lower Upper
 104 100
 78 51.5 41.2 61.8
 103 53.9 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#70

Isopropylbenzene

Concen: 20.455 ug/l

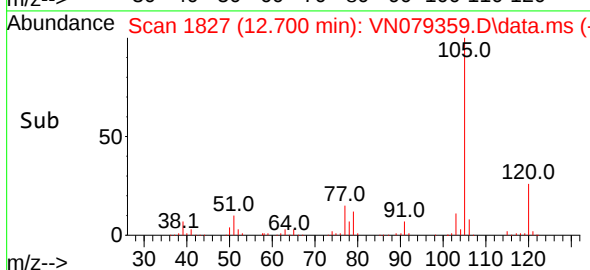
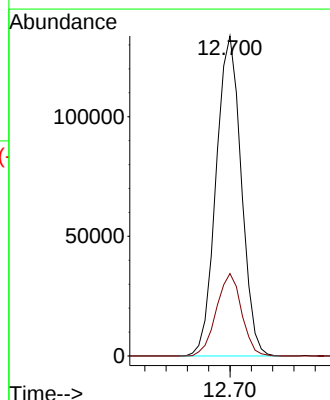
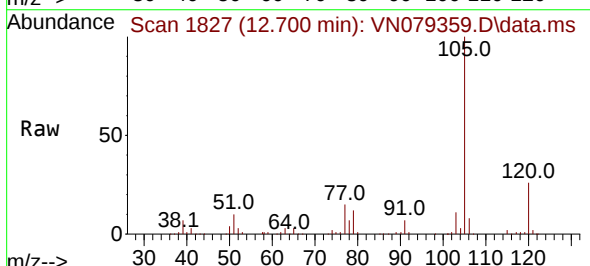
RT: 12.700 min Scan# 1827

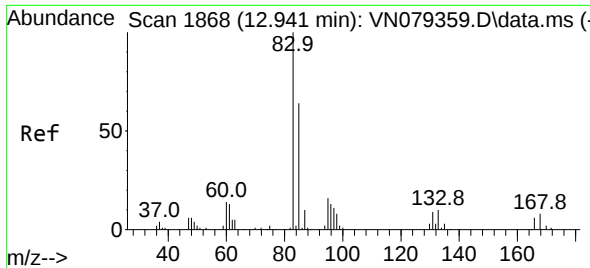
Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

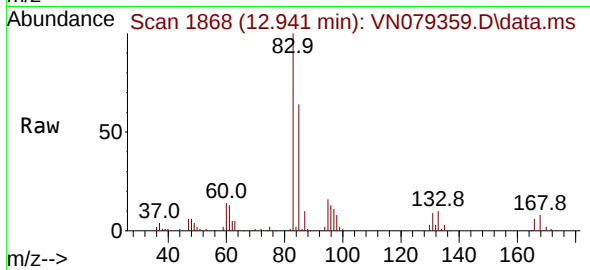
Tgt Ion:105 Resp: 219321
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

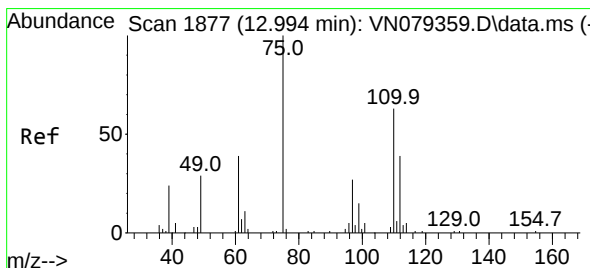
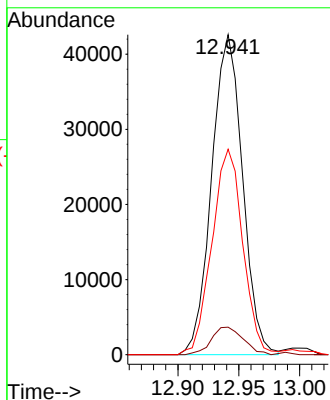
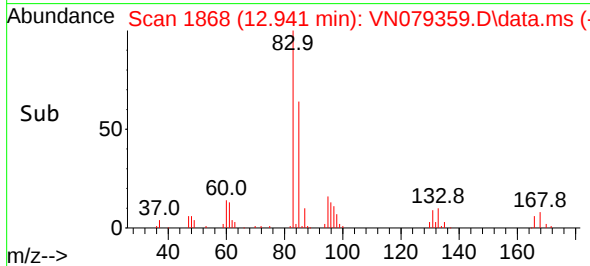
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 75140
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 64.2 32.1 96.3

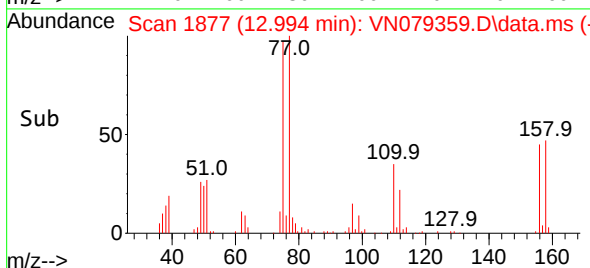
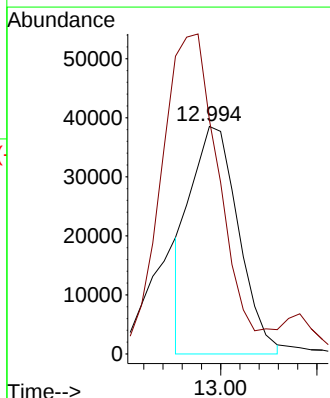
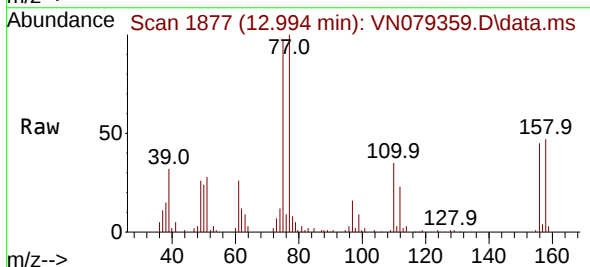
Manual Integrations
APPROVED

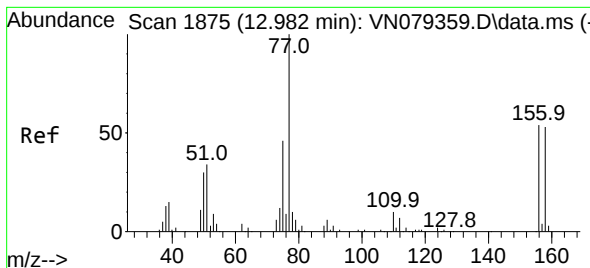
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#72
1,2,3-Trichloropropane
Concen: 17.197 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 75 Resp: 67230
Ion Ratio Lower Upper
75 100
77 167.8 0.0 338.2





#73

Bromobenzene

Concen: 20.048 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

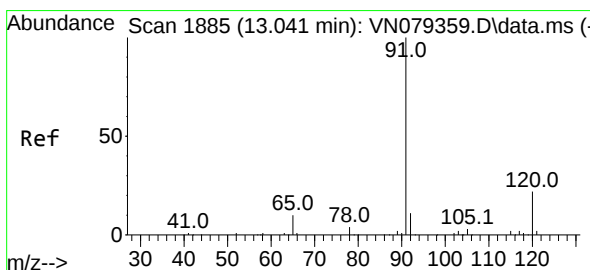
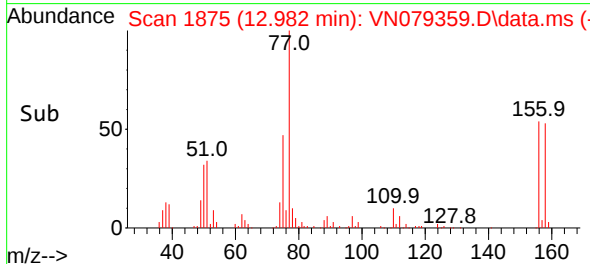
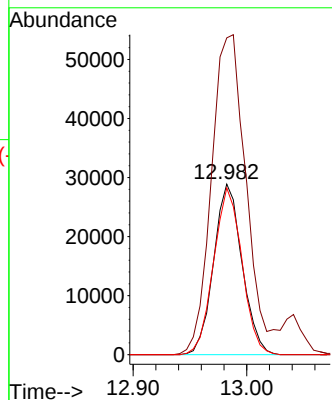
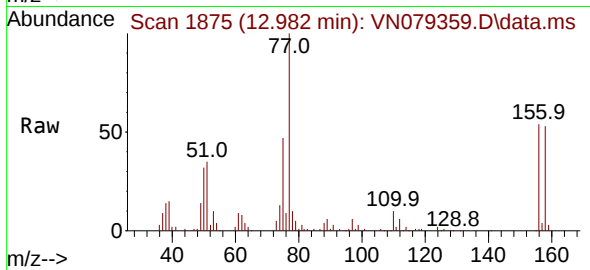
Tgt Ion:156 Resp: 50330
 Ion Ratio Lower Upper
 156 100
 77 224.1 0.0 448.2
 158 97.4 0.0 194.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

n-propylbenzene

Concen: 20.556 ug/l

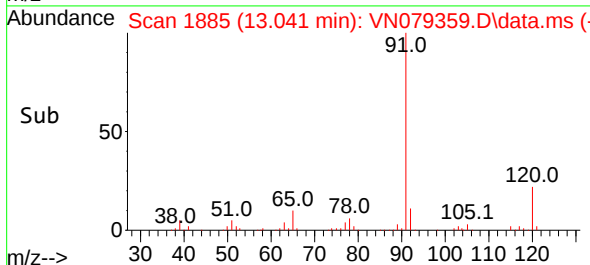
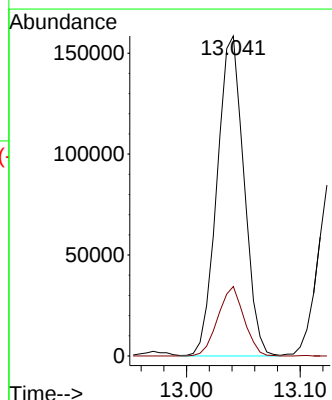
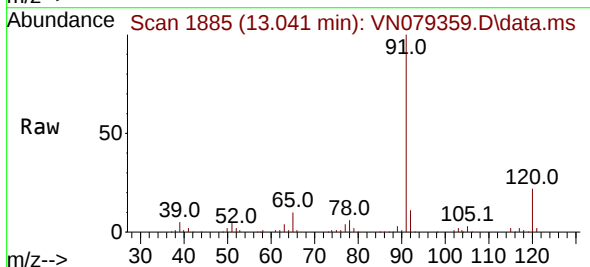
RT: 13.041 min Scan# 1885

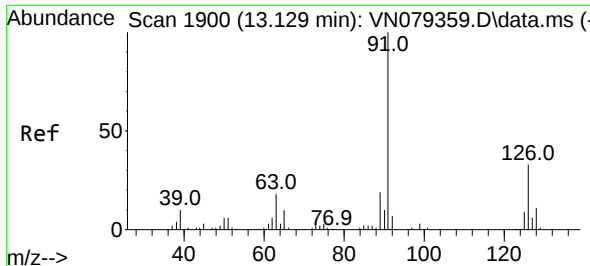
Delta R.T. 0.000 min

Lab File: VN079359.D

Acq: 27 Sep 2023 11:24

Tgt Ion: 91 Resp: 260917
 Ion Ratio Lower Upper
 91 100
 120 21.0 0.0 42.0





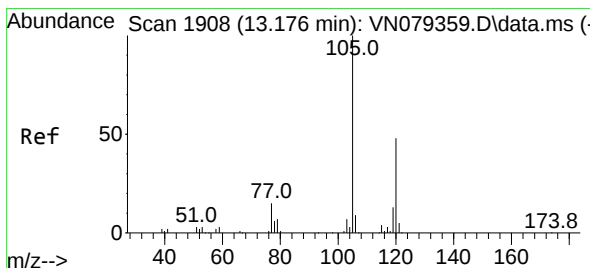
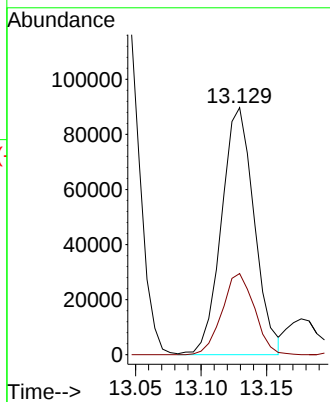
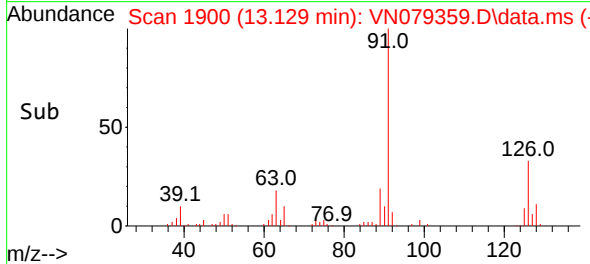
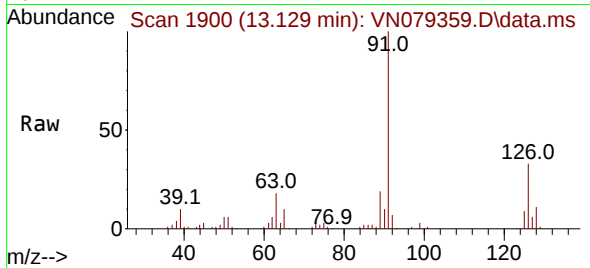
#75
2-Chlorotoluene
Concen: 20.160 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 15625
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.6

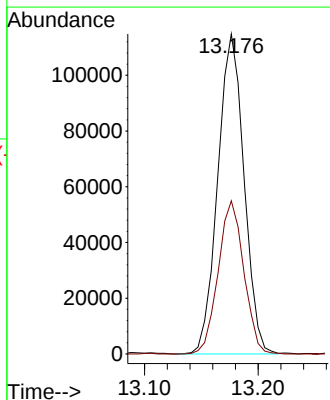
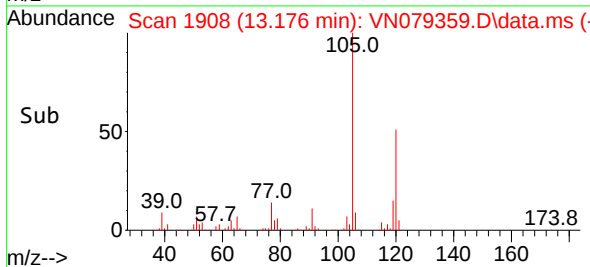
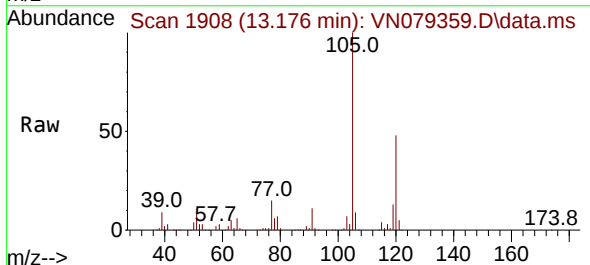
Manual Integrations
APPROVED

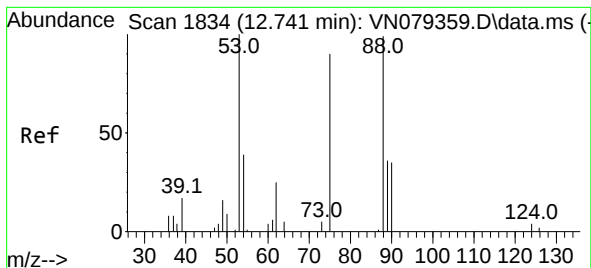
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.695 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

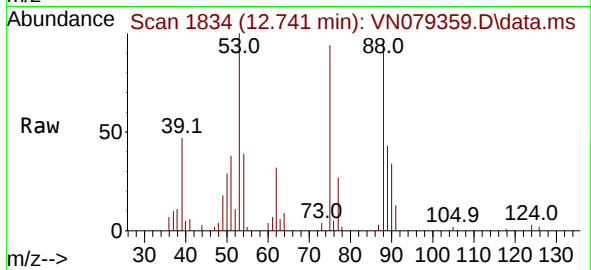
Tgt Ion:105 Resp: 184410
Ion Ratio Lower Upper
105 100
120 46.6 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.775 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

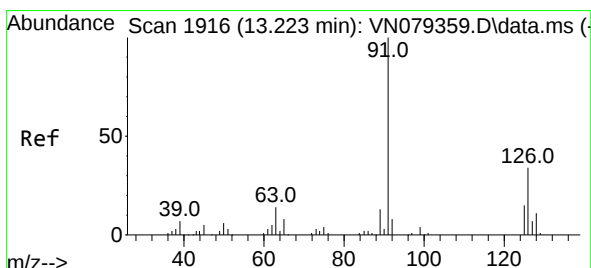
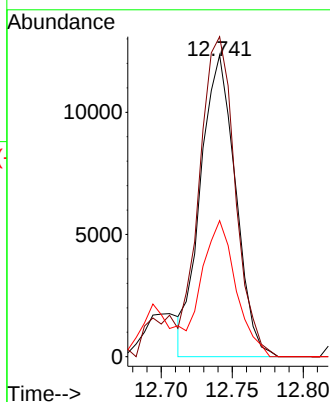
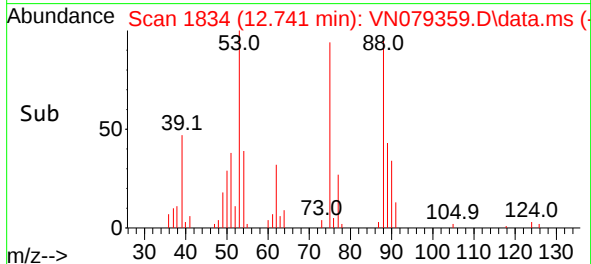
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 2115
Ion Ratio Lower Upper
75 100
53 106.1 53.0 159.1
89 45.1 22.6 67.7

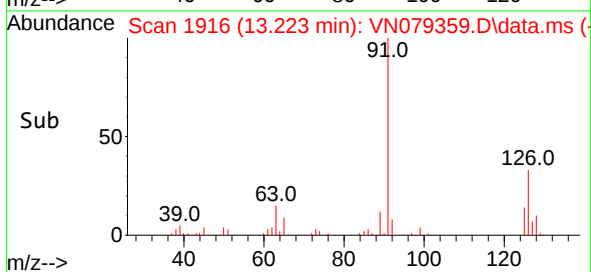
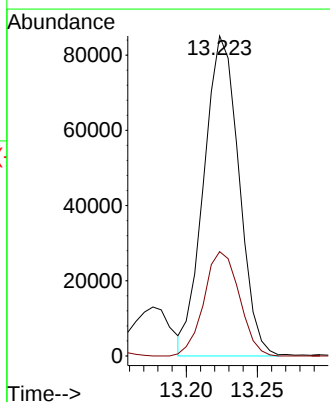
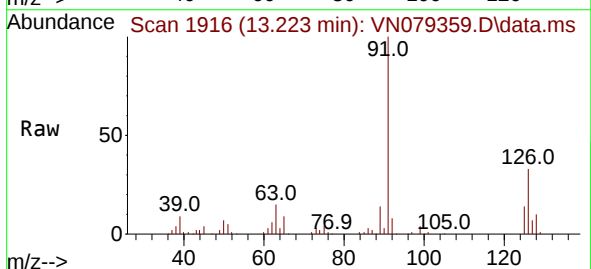
Manual Integrations
APPROVED

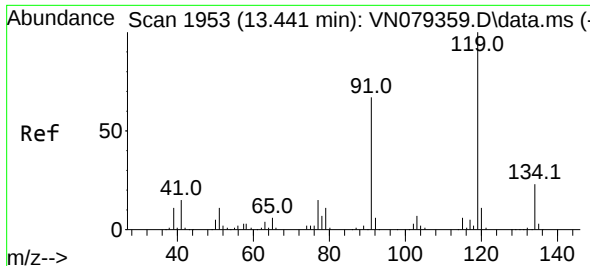
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 20.335 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion: 91 Resp: 146447
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.4





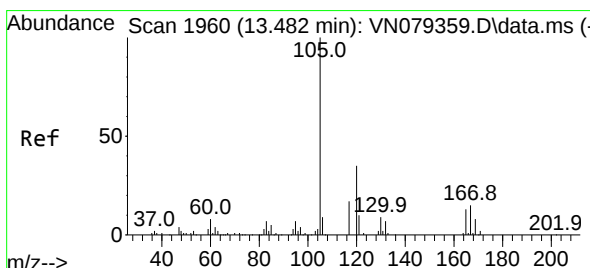
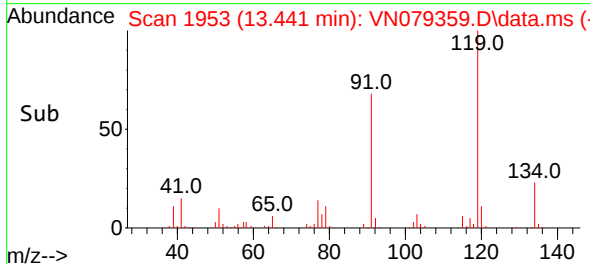
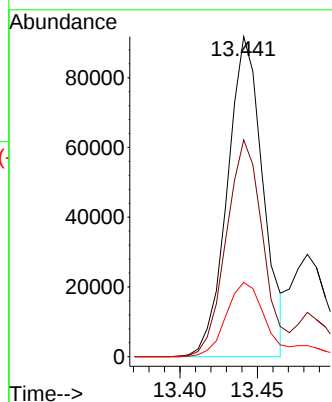
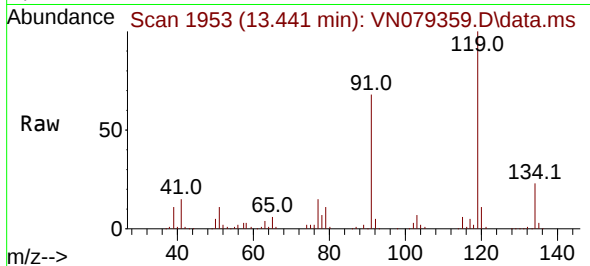
#79
tert-butylbenzene
Concen: 19.899 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 14691
Ion Ratio Lower Upper
119 100
91 70.3 0.0 140.6
134 24.9 0.0 49.8

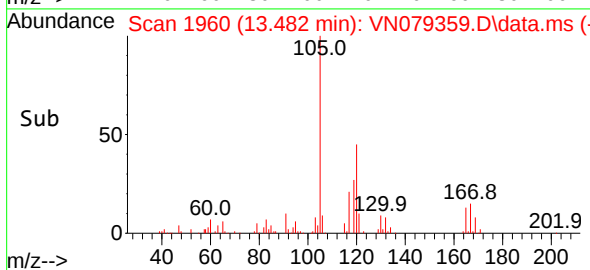
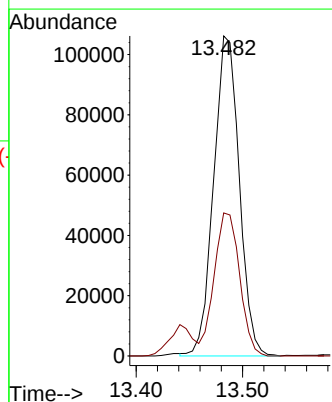
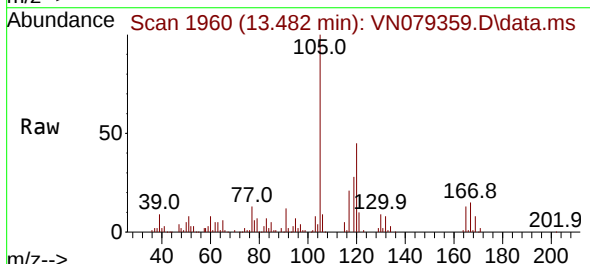
Manual Integrations
APPROVED

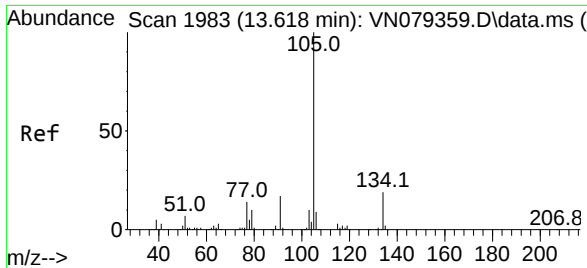
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.326 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:105 Resp: 177186
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.6





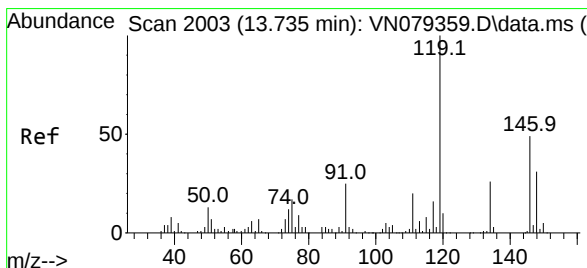
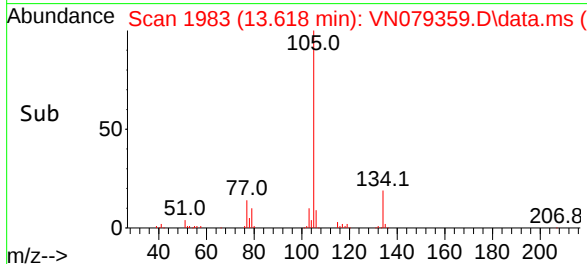
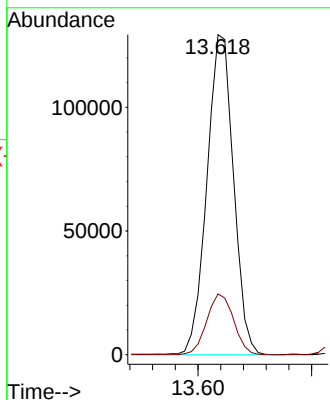
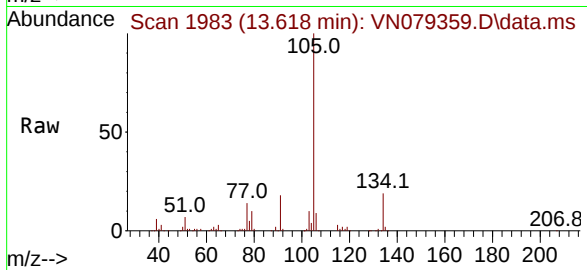
#81
 sec-Butylbenzene
 Concen: 19.851 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 21025
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.2

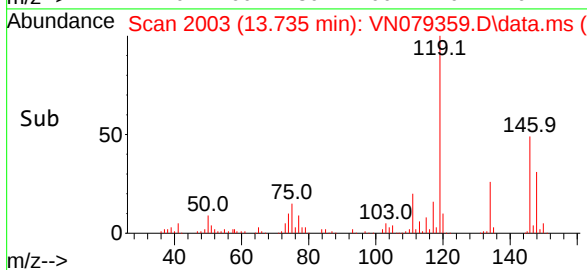
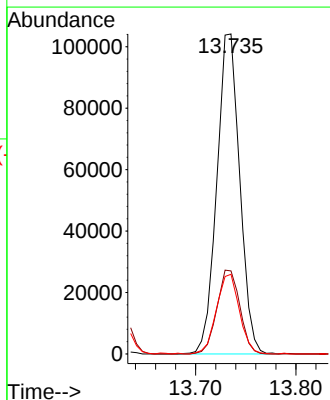
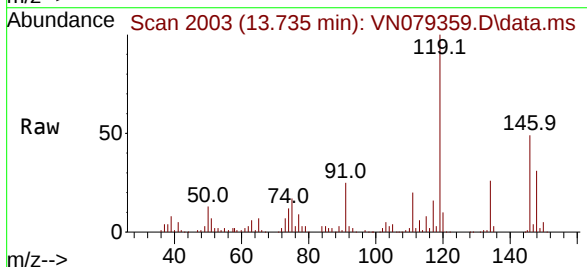
Manual Integrations
 APPROVED

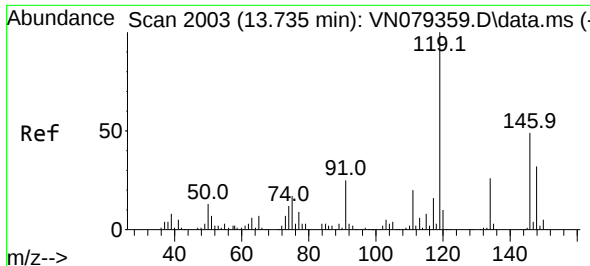
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#82
 p-Isopropyltoluene
 Concen: 19.695 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079359.D
 Acq: 27 Sep 2023 11:24

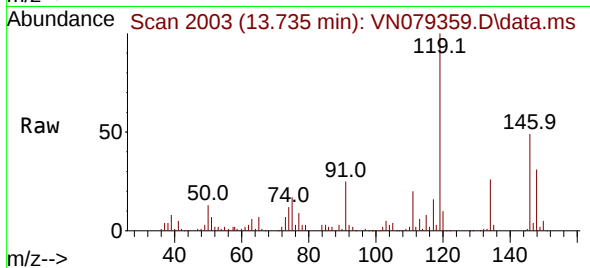
Tgt Ion:119 Resp: 165378
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.0 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 20.058 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

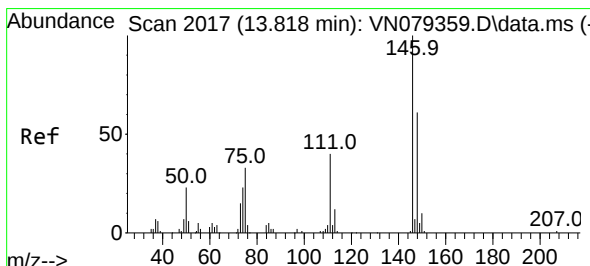
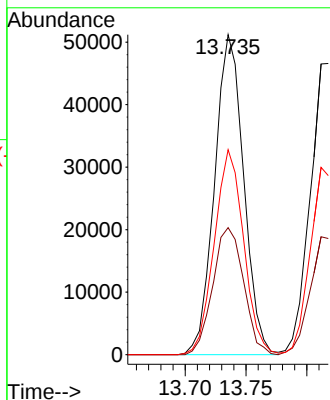
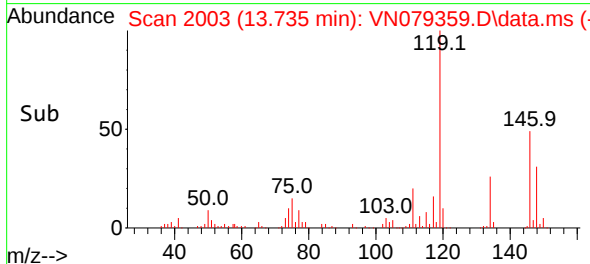
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



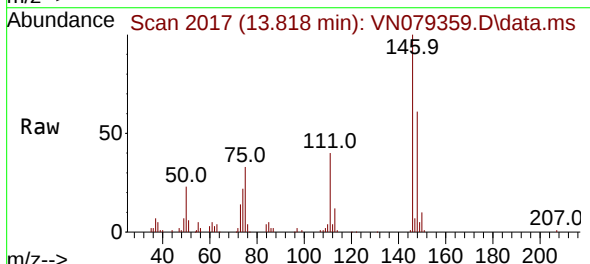
Tgt Ion:146 Resp: 85154
Ion Ratio Lower Upper
146 100
111 42.0 21.0 63.0
148 64.7 32.4 97.0

Manual Integrations
APPROVED

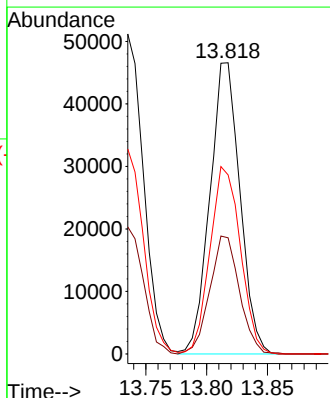
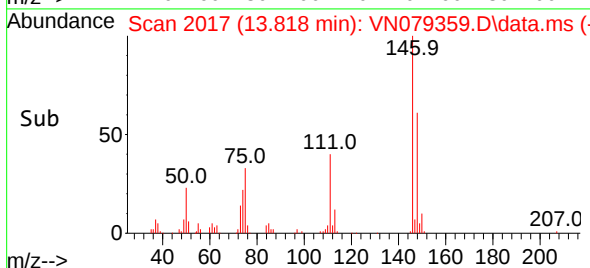
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

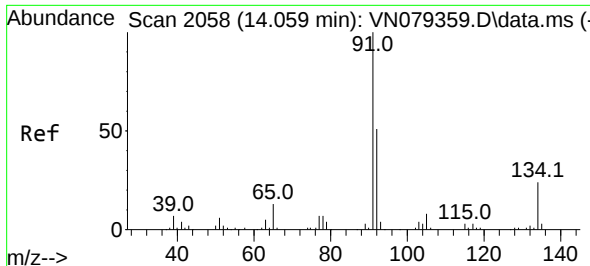


#84
1,4-Dichlorobenzene
Concen: 20.159 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



Tgt Ion:146 Resp: 80214
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.7
148 65.1 32.6 97.7





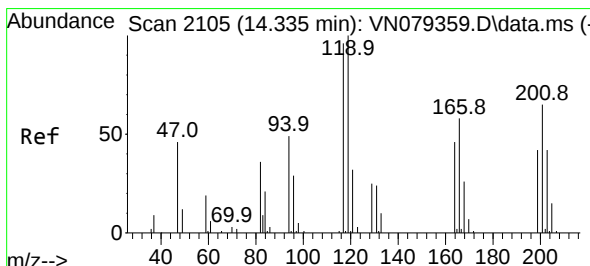
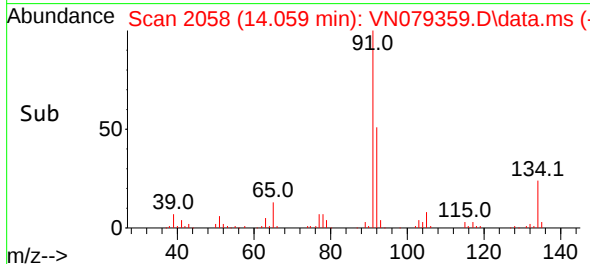
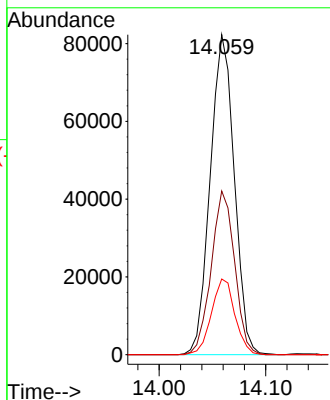
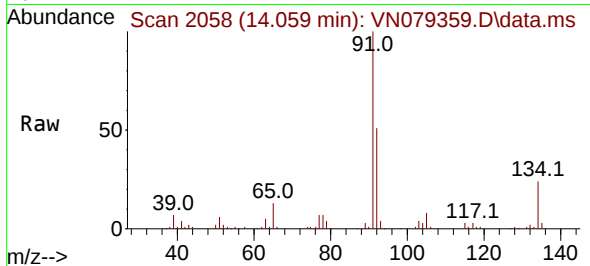
#85
n-Butylbenzene
Concen: 20.069 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 129204
Ion Ratio Lower Upper
91 100
92 49.8 0.0 99.6
134 23.1 0.0 46.2

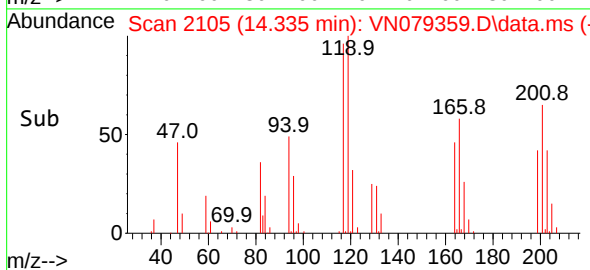
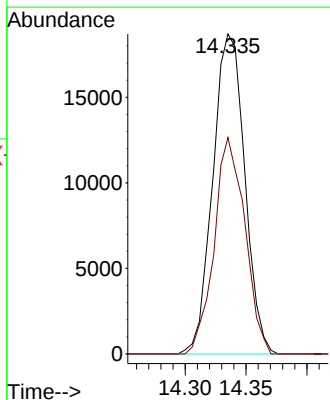
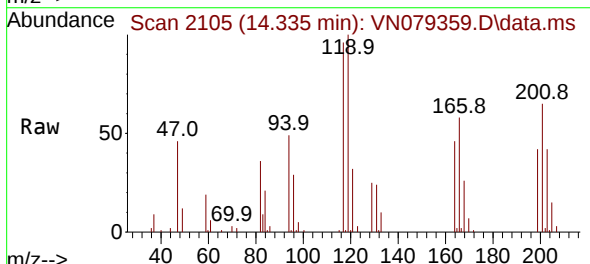
Manual Integrations
APPROVED

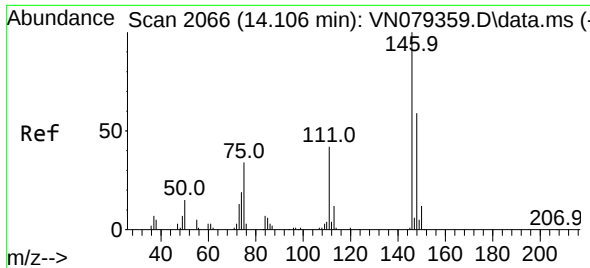
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 19.619 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:117 Resp: 34131
Ion Ratio Lower Upper
117 100
201 65.0 32.5 97.5





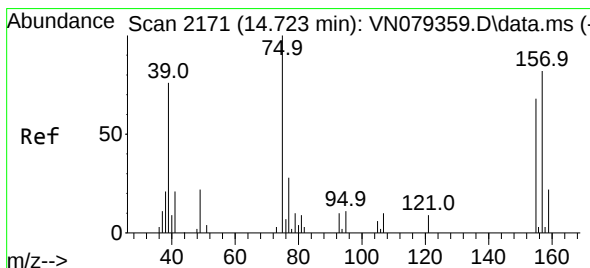
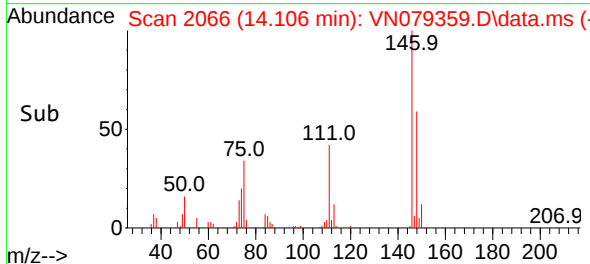
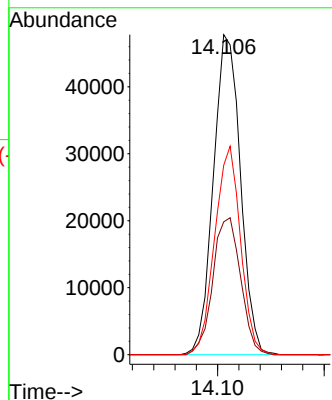
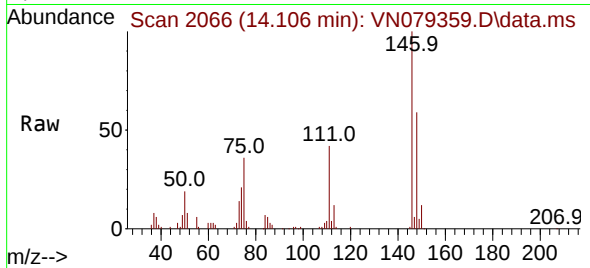
#87
1,2-Dichlorobenzene
Concen: 20.070 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 84159
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 62.3 31.1 93.5

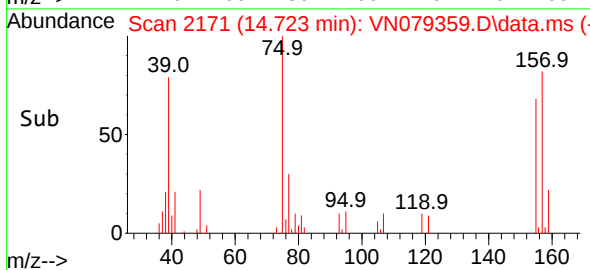
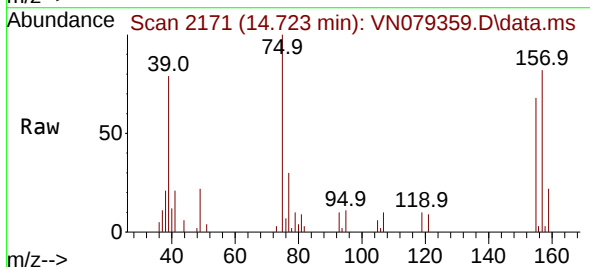
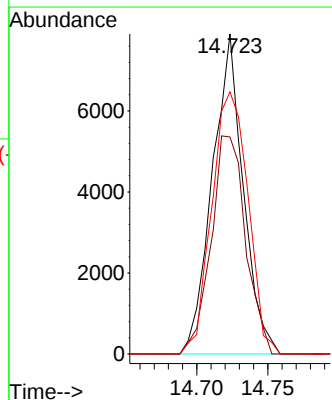
Manual Integrations
APPROVED

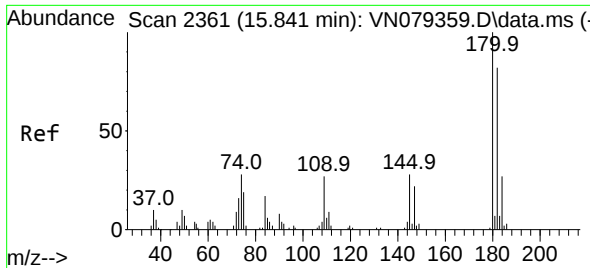
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.190 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

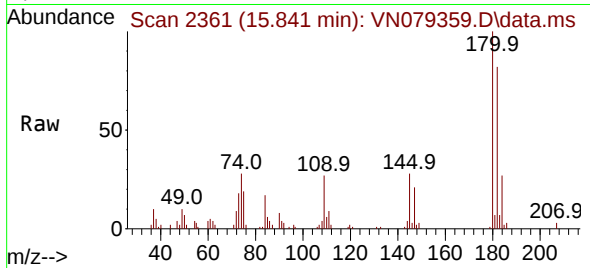
Tgt Ion: 75 Resp: 11966
Ion Ratio Lower Upper
75 100
155 75.9 60.7 91.1
157 96.0 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 23.428 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

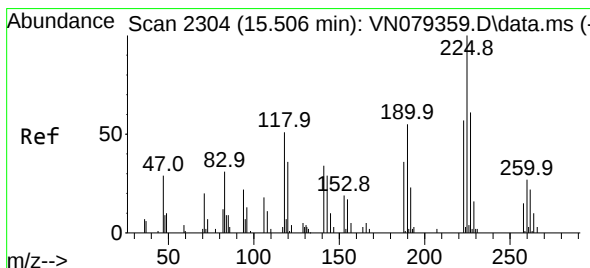
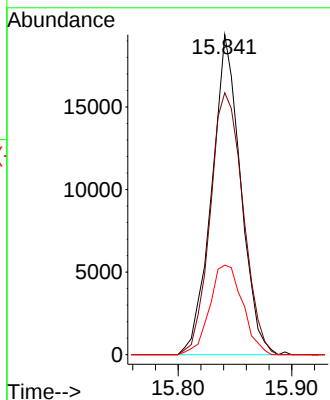
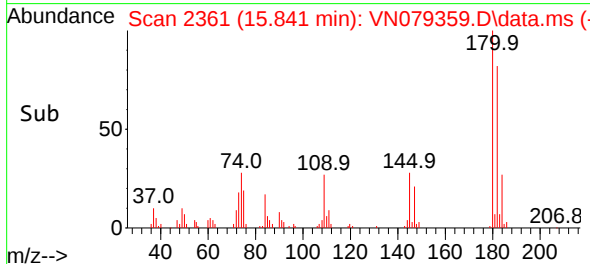
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



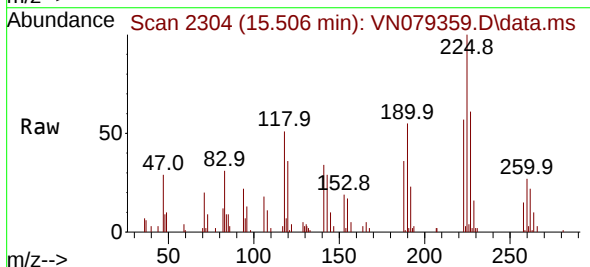
Tgt Ion:180 Resp: 3430
Ion Ratio Lower Upper
180 100
182 92.8 74.2 111.4
145 31.8 25.4 38.2

Manual Integrations
APPROVED

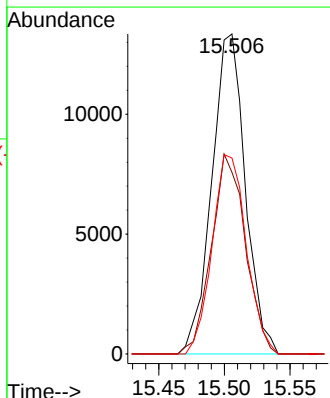
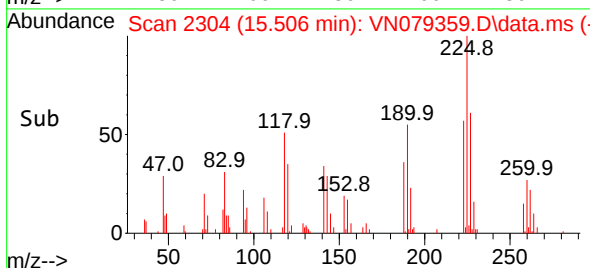
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

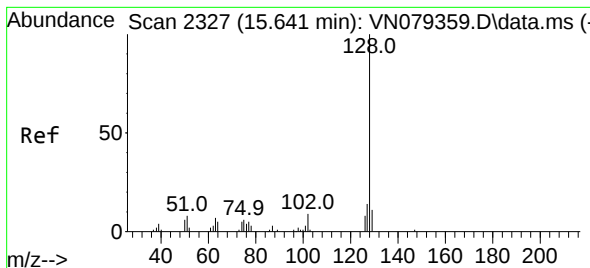


#90
Hexachlorobutadiene
Concen: 21.261 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24



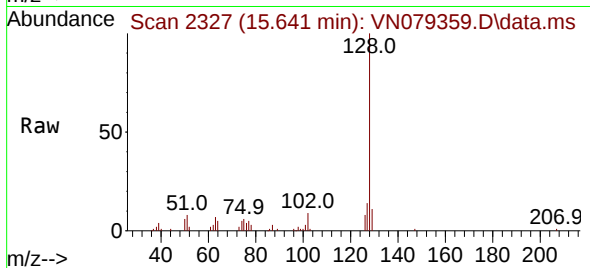
Tgt Ion:225 Resp: 23729
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.0
227 63.5 0.0 127.0





#91
Naphthalene
Concen: 20.489 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

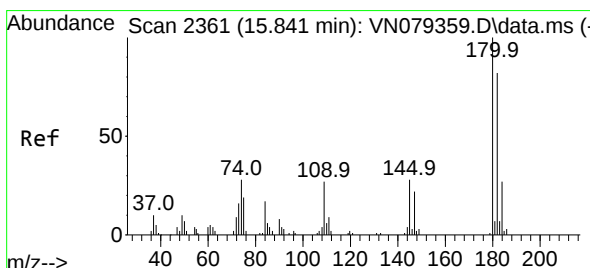
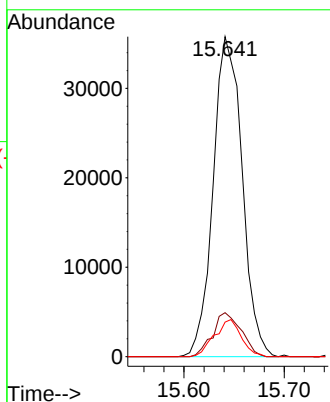
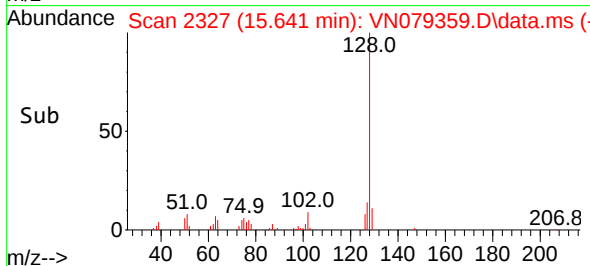
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 71940
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 22.155 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079359.D
Acq: 27 Sep 2023 11:24

Tgt Ion:180 Resp: 34302
Ion Ratio Lower Upper
180 100
182 92.8 0.0 185.6
145 31.8 0.0 63.6

