

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092723\
 Data File : VN079357.D
 Acq On : 27 Sep 2023 10:36
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 23:35:57 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	39945	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	214877	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	192290	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	100867	30.781	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 102.600%		
60) 4-Bromofluorobenzene	12.853	95	78576	28.669	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 95.567%		
63) Toluene-d8	10.571	98	284440	30.108	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.367%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	24316	9.864	ug/l	99
3) Chloromethane	2.365	50	32831	10.386	ug/l	100
4) Vinyl Chloride	2.518	62	35789	10.332	ug/l	100
5) Bromomethane	2.965	94	23446	12.037	ug/l	88
6) Chloroethane	3.124	64	25722	10.423	ug/l	98
7) Trichlorofluoromethane	3.501	101	42441	10.339	ug/l	96
8) Diethyl Ether	3.965	74	14895	10.167	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	23312	10.124	ug/l	97
10) 1,1-Dichloroethene	4.348	96	22291	10.475	ug/l	86
11) Methyl Iodide	4.595	142	22884	9.737	ug/l	96
12) Methyl Acetate	5.030	43	50353	11.768	ug/l	97
13) Acrolein	4.183	56	23995	49.393	ug/l	95
14) Acrylonitrile	5.730	53	65751	52.195	ug/l	99
15) Acetone	4.436	58	20764	50.378	ug/l	93
16) Carbon Disulfide	4.718	76	67548	10.478	ug/l	100
17) Allyl chloride	5.024	41	34626	10.136	ug/l	93
18) Methylene Chloride	5.289	84	28798	10.408	ug/l	91
19) trans-1,2-Dichloroethene	5.783	96	25247	11.224	ug/l	86
20) Diisopropyl ether	6.677	45	80745	9.992	ug/l	94
21) 1,1-Dichloroethane	6.571	63	50104	10.290	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	28395	10.026	ug/l	98
23) tert-Butyl Alcohol	5.518	59	22285m	60.206	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	74635	11.578	ug/l	100
25) Chloroform	7.971	83	50625	10.184	ug/l	86
26) Cyclohexane	8.259	56	37587	11.311	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	36159	9.988	ug/l	99
30) 2-Butanone	7.489	43	87273	48.731	ug/l	99
31) 2,2-Dichloropropane	7.494	77	38759	9.697	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	41709	9.937	ug/l	97
33) Carbon Tetrachloride	8.365	117	36589	10.065	ug/l	99
34) Benzene	8.606	78	110392	10.065	ug/l #	93
35) Methacrylonitrile	7.783	41	17311	9.336	ug/l	96
36) 1,2-Dichloroethane	8.671	62	39976	10.063	ug/l	100
37) Trichloroethene	9.353	130	25552	9.913	ug/l	93
38) Methylcyclohexane	9.600	83	34201	9.634	ug/l	97
39) 1,2-Dichloropropane	9.624	63	28897	9.926	ug/l	100
40) Dibromomethane	9.712	93	19670	10.207	ug/l	99
41) Bromodichloromethane	9.894	83	39499	10.065	ug/l	99
42) Vinyl Acetate	6.612	43	245393	50.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	38435	10.774	ug/l	93
44) Isopropyl Acetate	8.694	43	57969	10.107	ug/l	98
45) 1,4-Dioxane	9.700	88	9511	201.027	ug/l	94
46) Methyl methacrylate	9.683	41	24562	9.423	ug/l	94
47) n-amyl Acetate	12.500	43	38165	9.351	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	39114	9.813	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	42709	9.986	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	26304	10.005	ug/l #	94
51) Ethyl methacrylate	10.877	69	34342	9.610	ug/l	94
52) 1,3-Dichloropropane	11.165	76	47156	10.055	ug/l	98
53) Dibromochloromethane	11.359	129	27244	10.238	ug/l	100
54) 1,2-Dibromoethane	11.471	107	26248	10.237	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	66419	47.808	ug/l	100
56) Bromoform	12.582	173	17045	10.055	ug/l #	93
58) 4-Methyl-2-Pentanone	10.447	43	176424	51.269	ug/l	99
59) 2-Hexanone	11.200	43	122386	49.711	ug/l	98
61) Tetrachloroethene	11.112	164	22637	10.558	ug/l	88
62) Toluene	10.635	91	115912	10.063	ug/l	100
64) Chlorobenzene	11.894	112	67950	10.278	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.965	131	24847	10.047	ug/l	97
66) Ethyl Benzene	11.965	91	113116	9.709	ug/l	98
67) m/p-Xylenes	12.076	106	83430	19.368	ug/l	97
68) o-Xylene	12.400	106	41025	9.896	ug/l	98
69) Styrene	12.418	104	62386	9.554	ug/l	99
70) Isopropylbenzene	12.700	105	102549	9.724	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	38553	10.203	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	33308m	8.662	ug/l	
73) Bromobenzene	12.982	156	23355	9.458	ug/l	94
74) n-propylbenzene	13.041	91	118739	9.511	ug/l	99
75) 2-Chlorotoluene	13.129	91	73777	9.678	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	84110	9.596	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	9628	9.615	ug/l	82
78) 4-Chlorotoluene	13.223	91	68450	9.663	ug/l	99
79) tert-butylbenzene	13.441	119	75846	10.445	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	88243	10.292	ug/l	99
81) sec-Butylbenzene	13.618	105	105876	10.163	ug/l	99
82) p-Isopropyltoluene	13.735	119	82441	9.982	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	41362	9.905	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	39911	10.198	ug/l	99
85) n-Butylbenzene	14.059	91	60321	9.526	ug/l	99
86) Hexachloroethane	14.335	117	17966	10.499	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	43255	10.488	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	6035	10.353	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	13767m	9.560	ug/l	
90) Hexachlorobutadiene	15.506	225	10560	9.620	ug/l	99
91) Naphthalene	15.647	128	29578	8.565	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	13768	9.041	ug/l	90

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

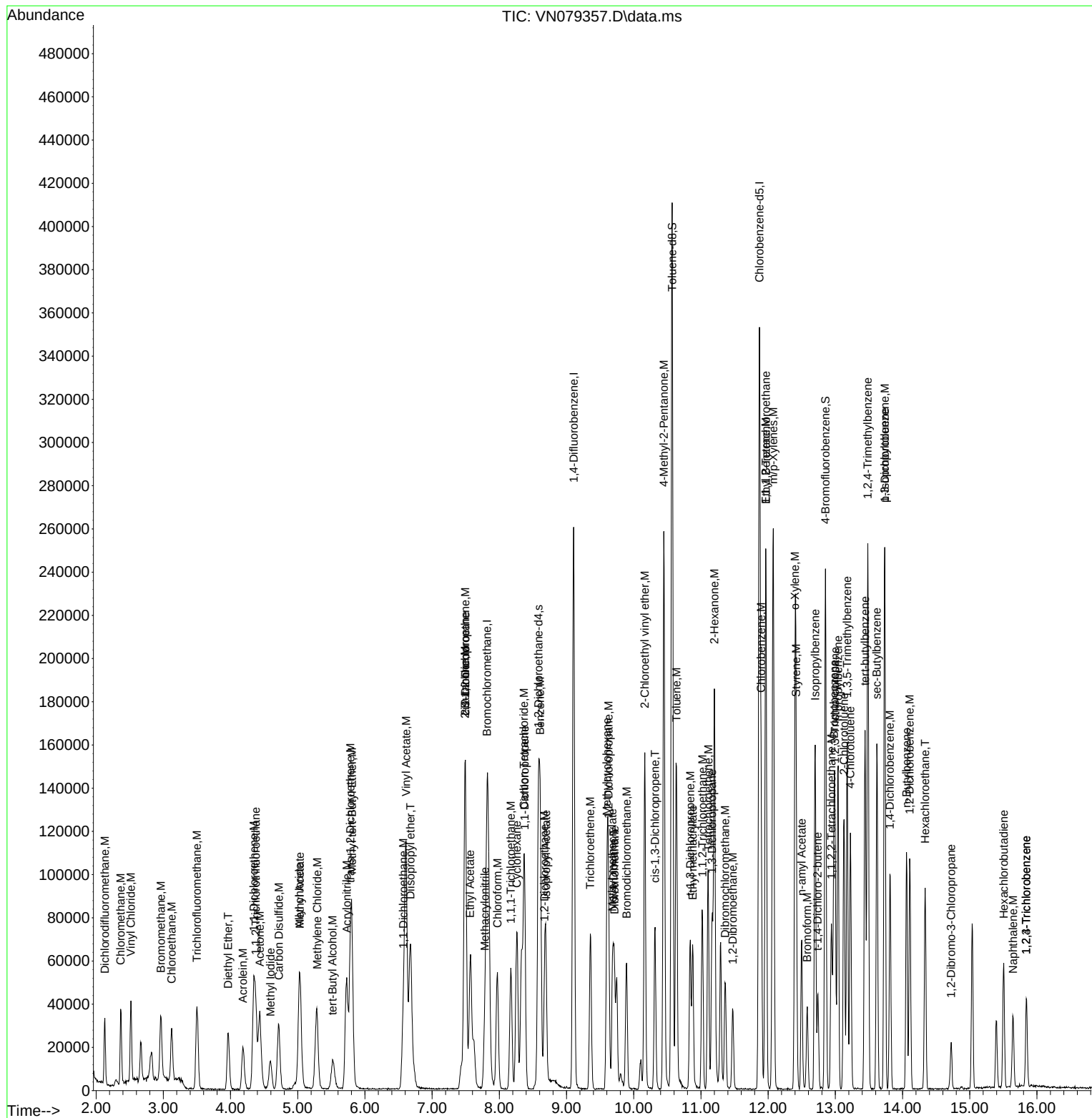
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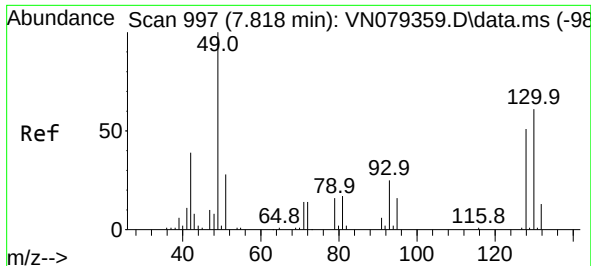
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ClientSampleId :
VSTDICC010

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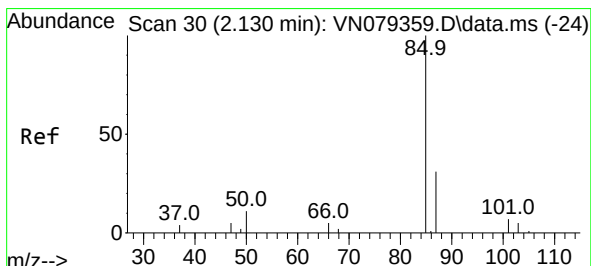
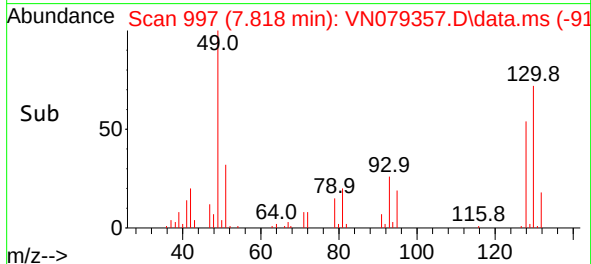
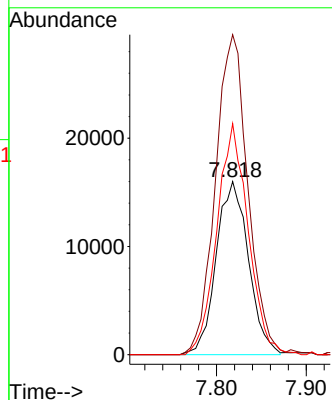
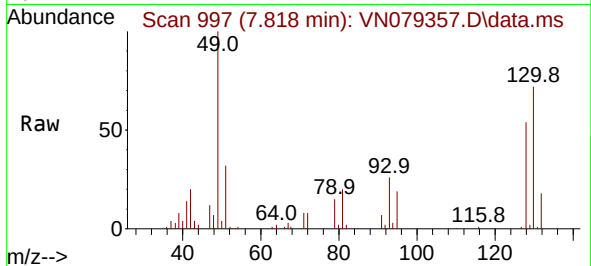
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 3994
Ion Ratio Lower Upper
128 100
49 185.8 0.0 468.5
130 129.6 0.0 320.7

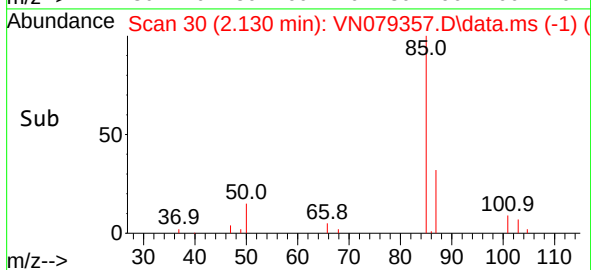
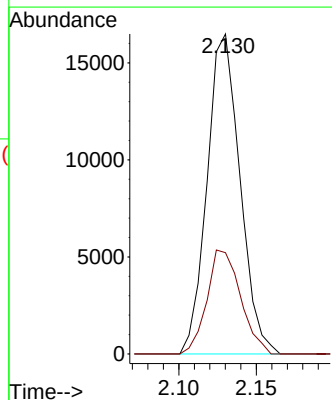
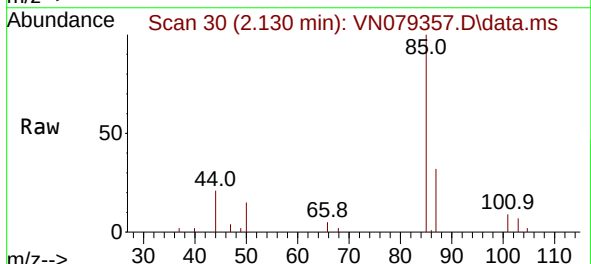
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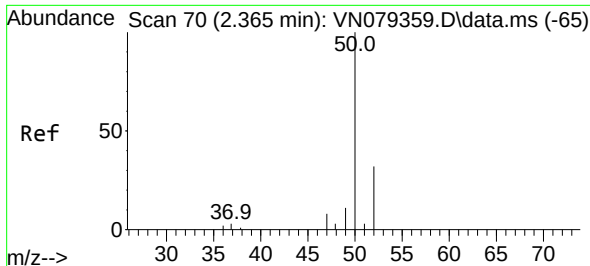
Reviewed By :John Carlone 09/28/2023
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#2
Dichlorodifluoromethane
Concen: 9.864 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 85 Resp: 24316
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7





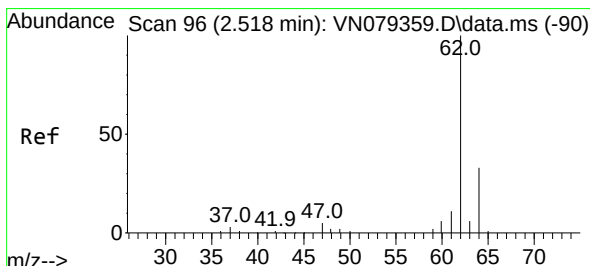
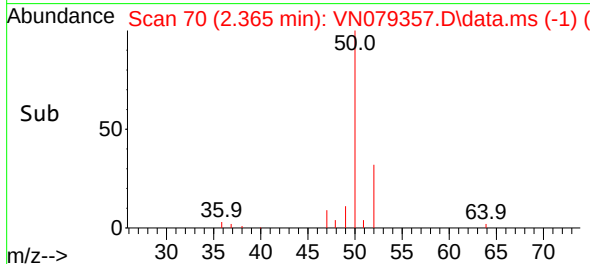
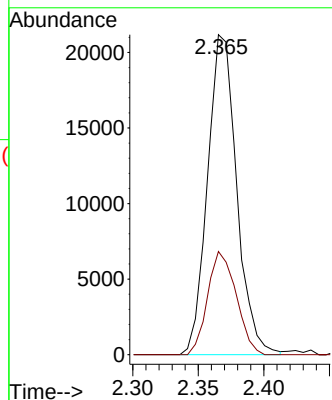
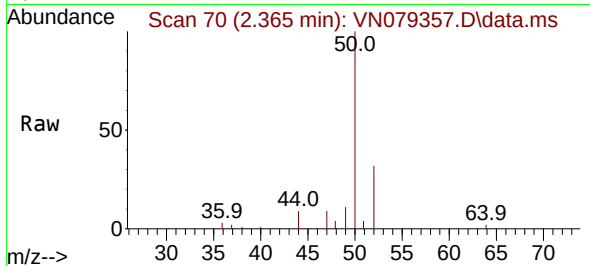
#3
Chloromethane
Concen: 10.386 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 3283
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

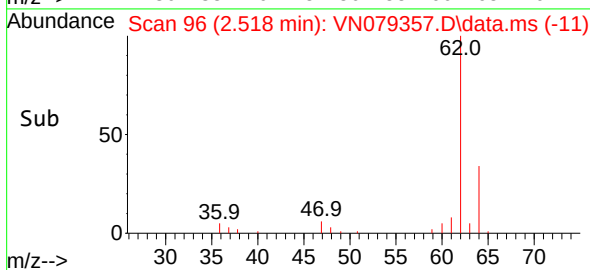
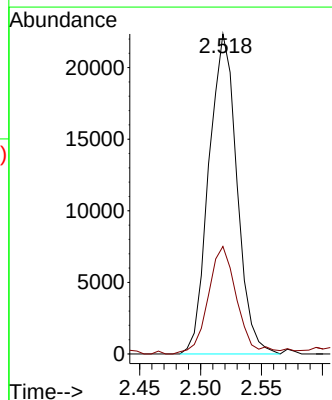
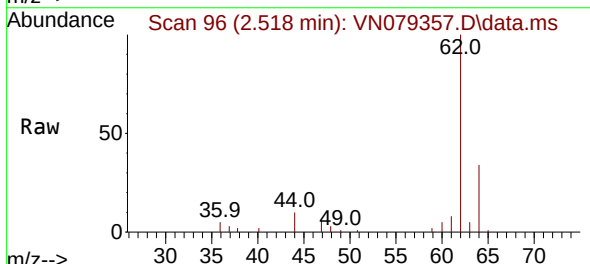
Manual Integrations
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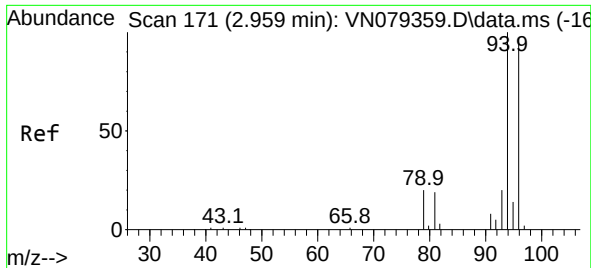
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#4
Vinyl Chloride
Concen: 10.332 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN079357.D
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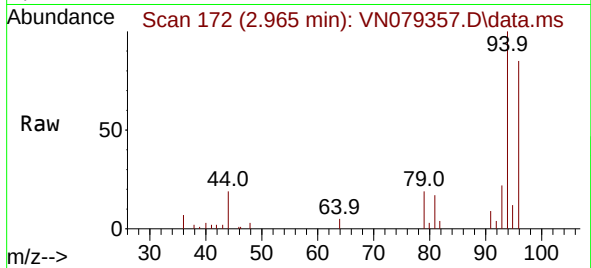
Tgt Ion: 62 Resp: 35789
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6





#5
Bromomethane
Concen: 12.037 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

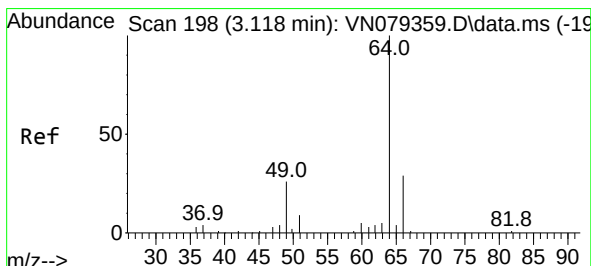
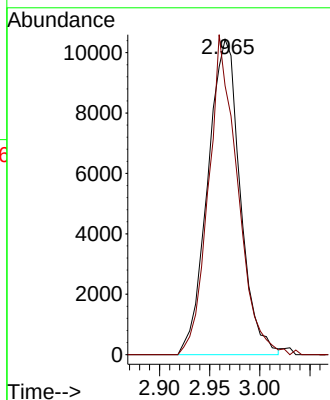
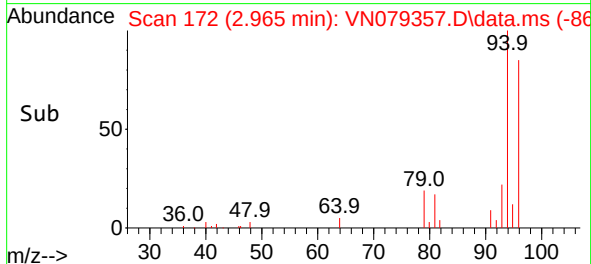
Instrument :
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Tgt Ion: 94 Resp: 23440
Ion Ratio Lower Upper
94 100
96 85.3 77.8 116.6

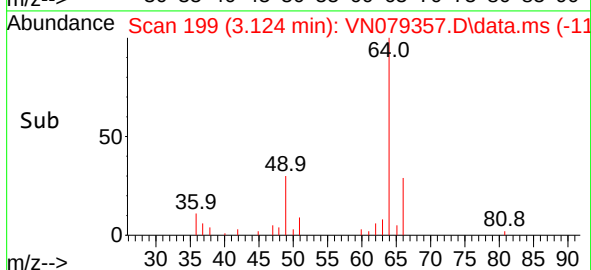
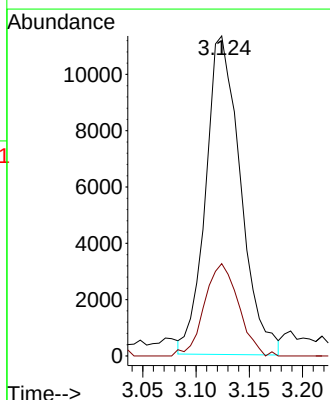
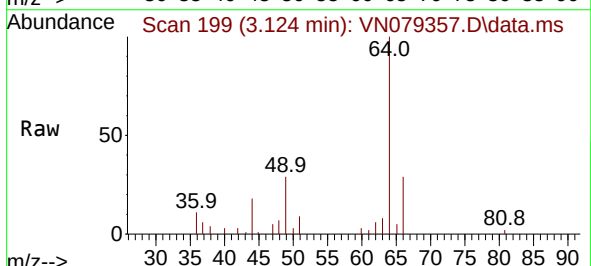
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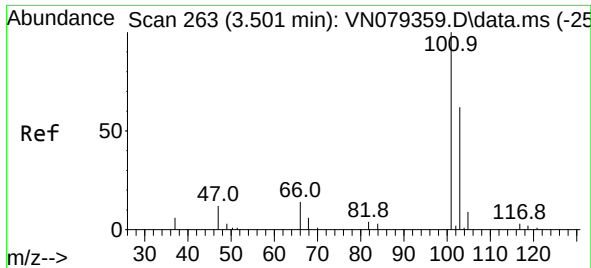
Reviewed By :John Carlone 09/28/2023
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#6
Chloroethane
Concen: 10.423 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079357.D
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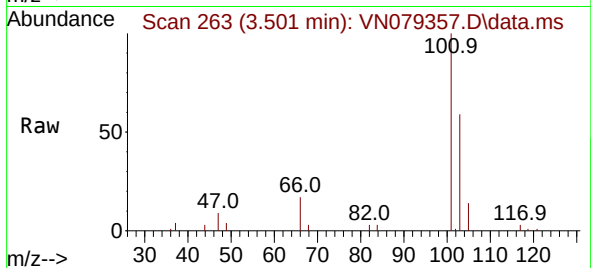
Tgt Ion: 64 Resp: 25722
Ion Ratio Lower Upper
64 100
66 30.3 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 10.339 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
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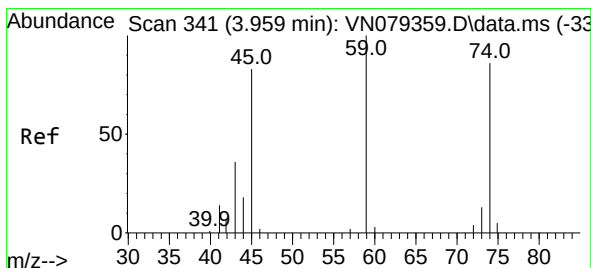
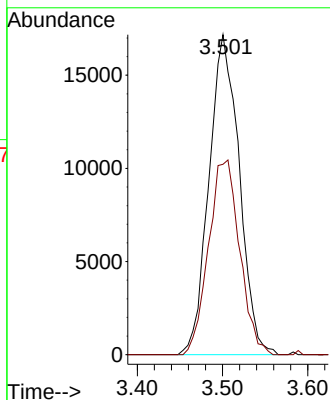
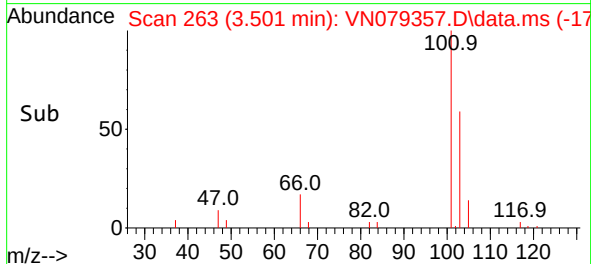
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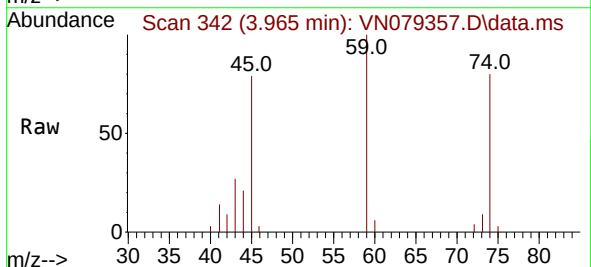
Tgt Ion:101 Resp: 4244
 Ion Ratio Lower Upper
 101 100
 103 59.5 49.9 74.9

Manual Integrations
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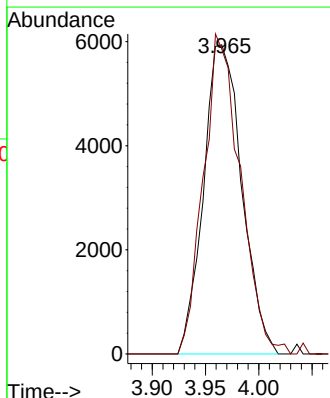
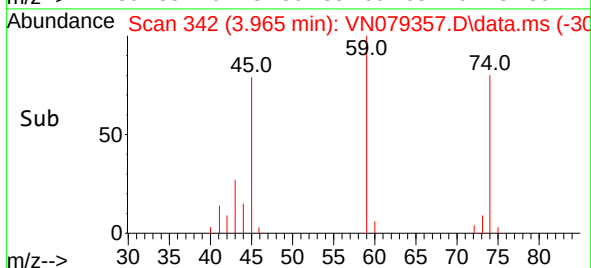
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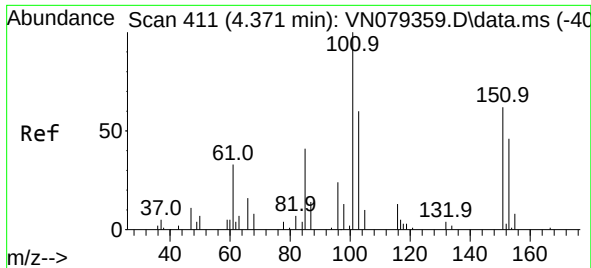


#8
 Diethyl Ether
 Concen: 10.167 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 14895
 Ion Ratio Lower Upper
 74 100
 45 99.0 19.0 171.0





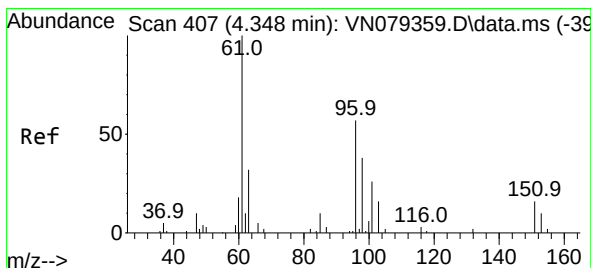
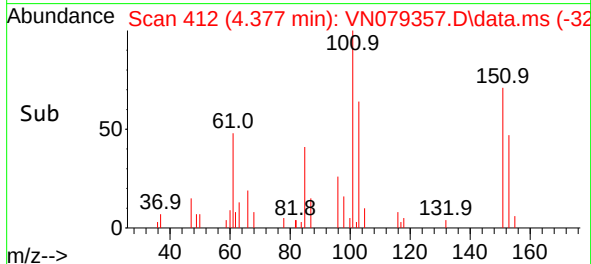
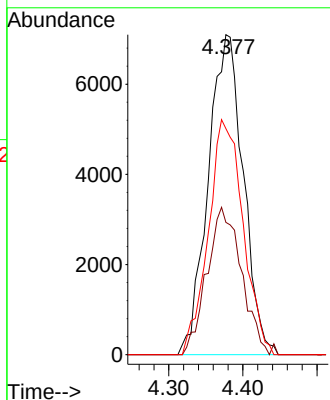
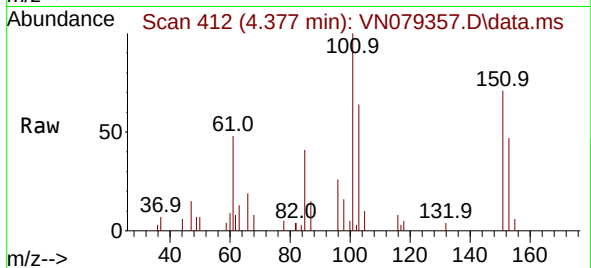
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1,1,2-Trichlorotrifluoroethane
Concen: 10.124 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079357.D
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Tgt Ion:101 Resp: 2331
Ion Ratio Lower Upper
101 100
85 45.2 0.0 92.0
151 72.9 0.0 138.4

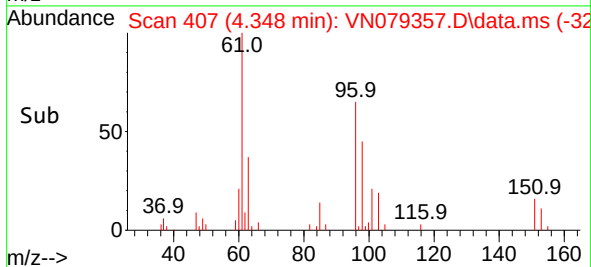
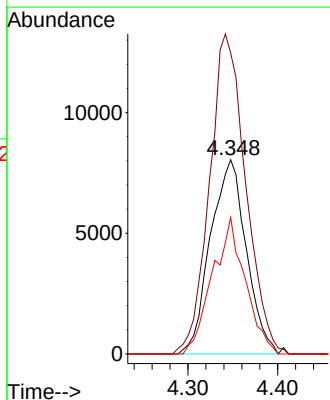
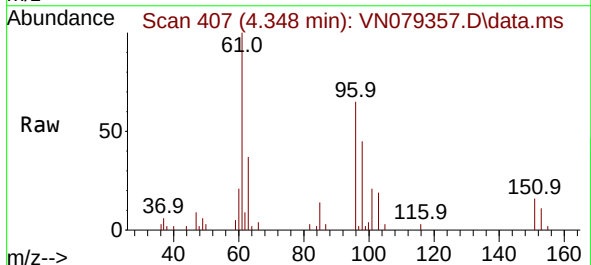
Manual Integrations
APPROVED

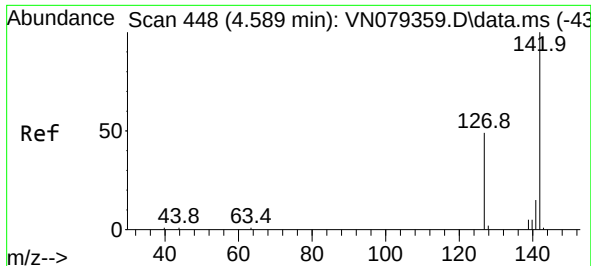
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#10
1,1-Dichloroethene
Concen: 10.475 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

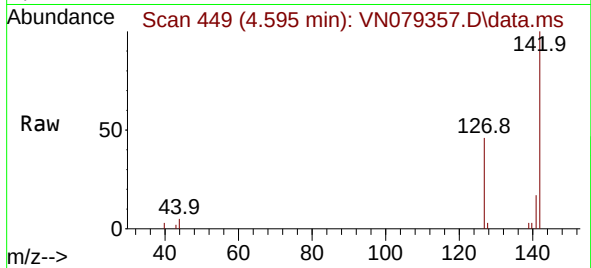
Tgt Ion: 96 Resp: 22291
Ion Ratio Lower Upper
96 100
61 152.2 141.3 211.9
98 70.2 53.2 79.8





#11
Methyl Iodide
Concen: 9.737 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

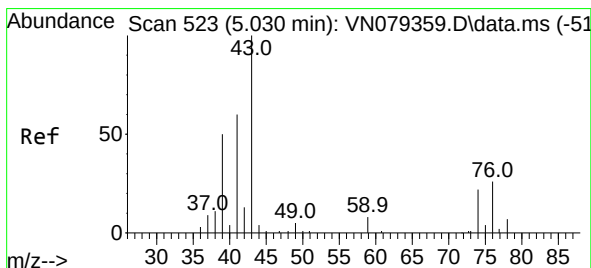
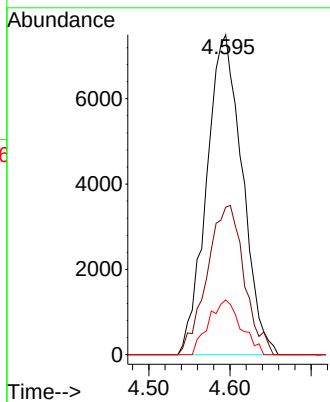
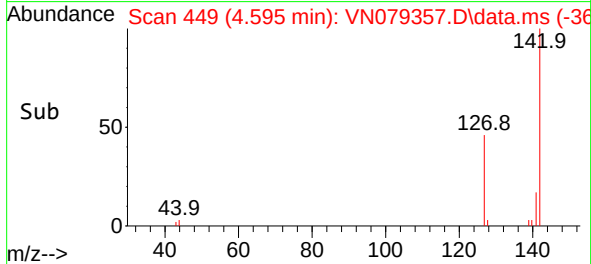
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:142 Resp: 22884
Ion Ratio Lower Upper
142 100
127 46.1 24.6 73.8
141 17.1 7.7 23.1

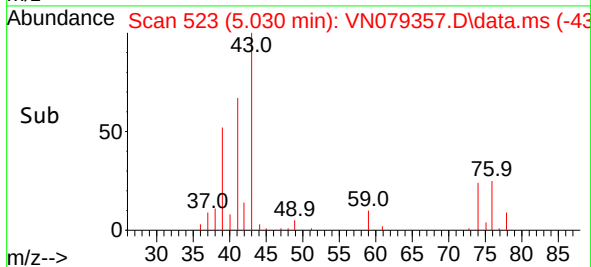
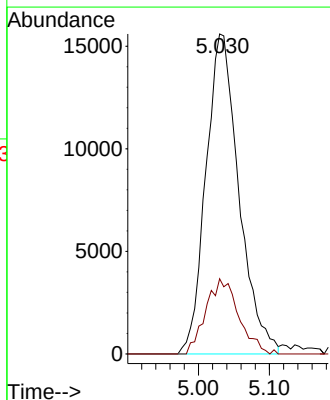
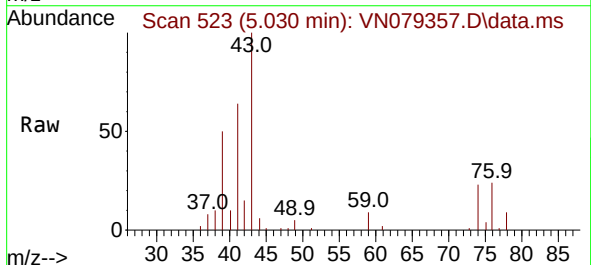
Manual Integrations
APPROVED

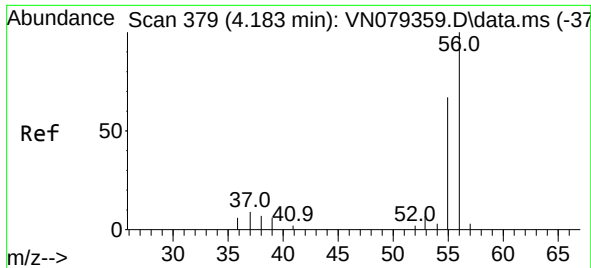
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 11.768 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

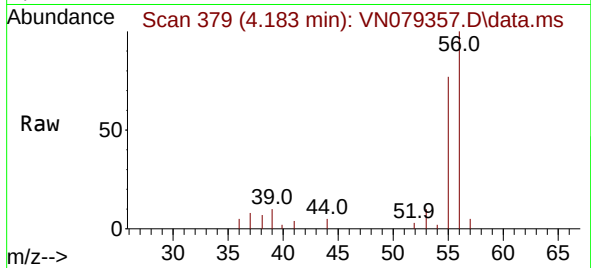
Tgt Ion: 43 Resp: 50353
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1





#13
Acrolein
Concen: 49.393 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

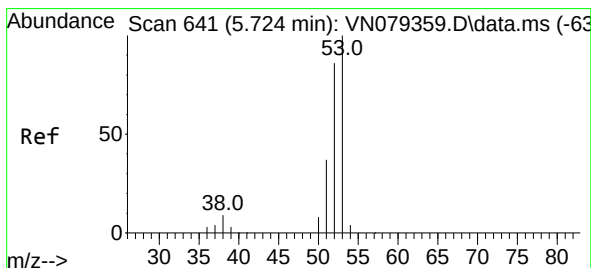
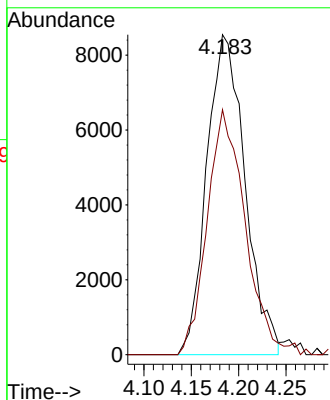
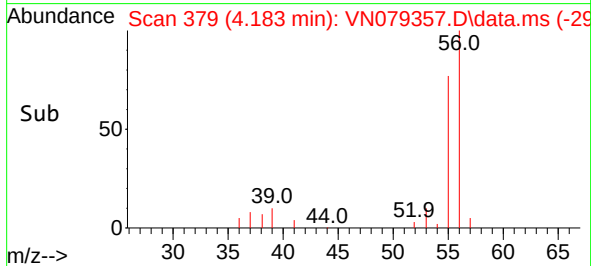
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



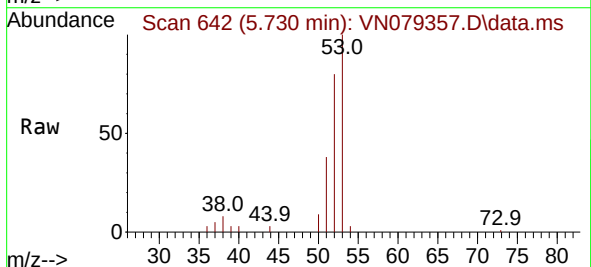
Tgt Ion: 56 Resp: 2399
Ion Ratio Lower Upper
56 100
55 75.3 57.1 85.7

Manual Integrations
APPROVED

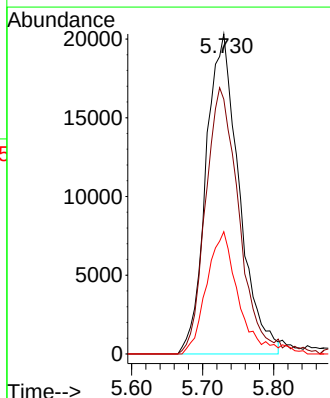
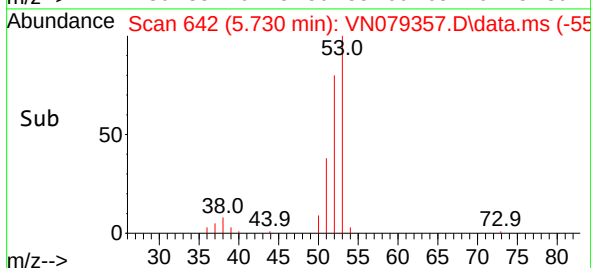
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

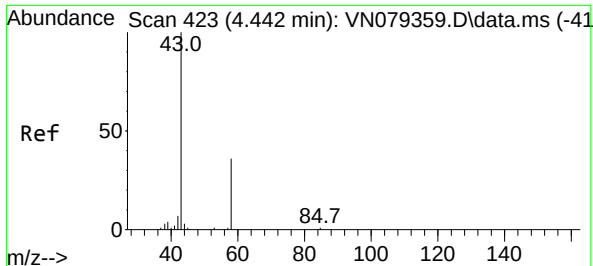


#14
Acrylonitrile
Concen: 52.195 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



Tgt Ion: 53 Resp: 65751
Ion Ratio Lower Upper
53 100
52 82.8 41.6 124.9
51 36.3 17.8 53.3





#15

Acetone

Concen: 50.378 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 20764

Ion Ratio Lower Upper

58 100

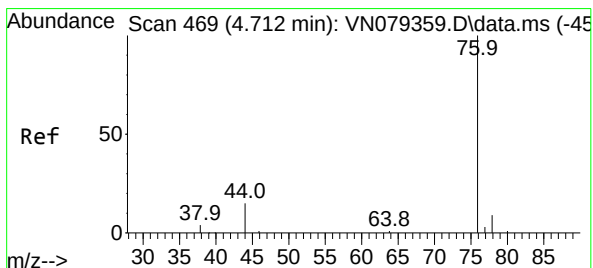
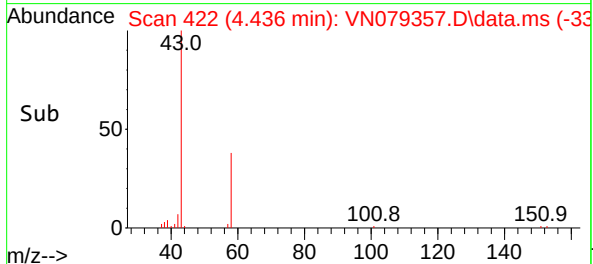
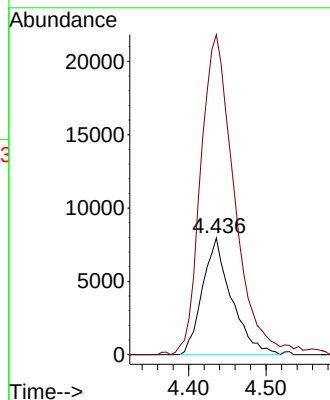
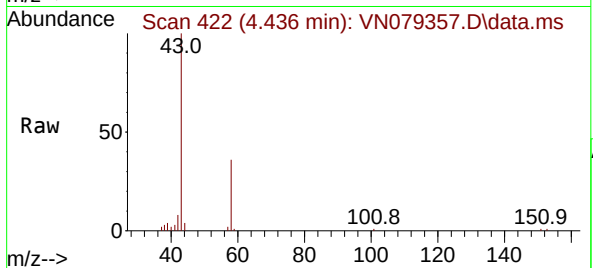
43 267.5 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#16

Carbon Disulfide

Concen: 10.478 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN079357.D

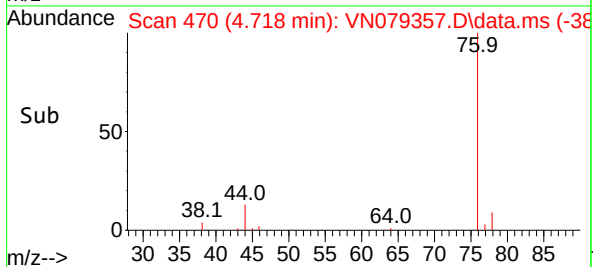
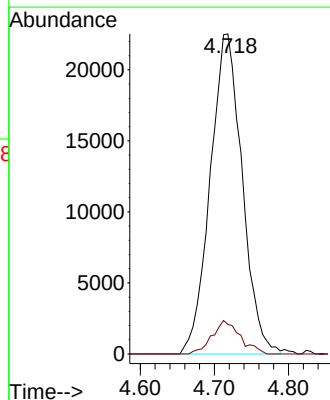
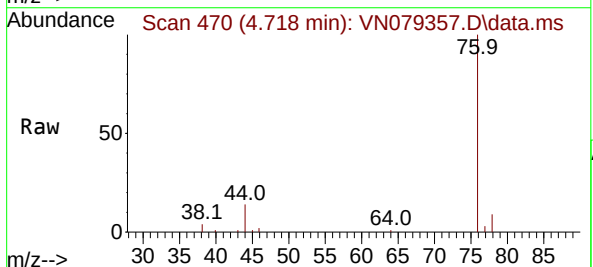
Acq: 27 Sep 2023 10:36

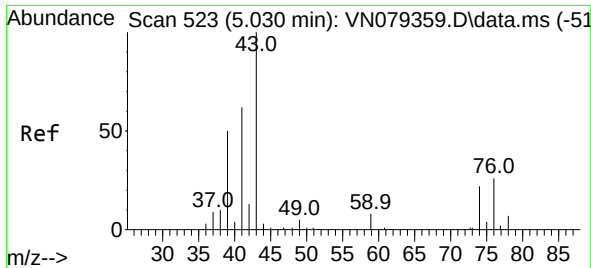
Tgt Ion: 76 Resp: 67548

Ion Ratio Lower Upper

76 100

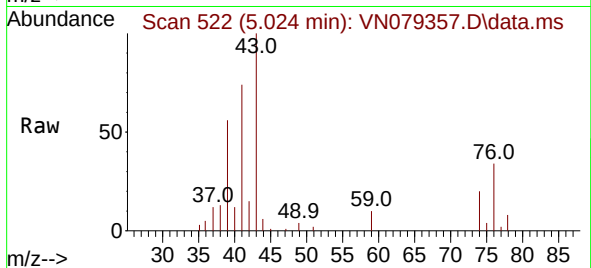
78 9.3 7.5 11.3





#17
 Allyl chloride
 Concen: 10.136 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36

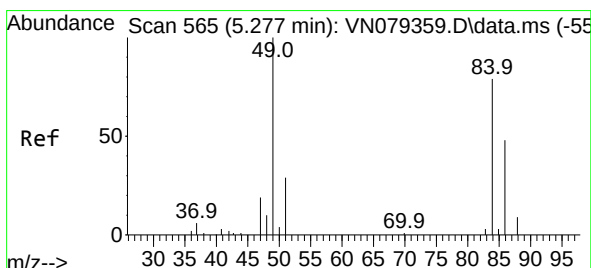
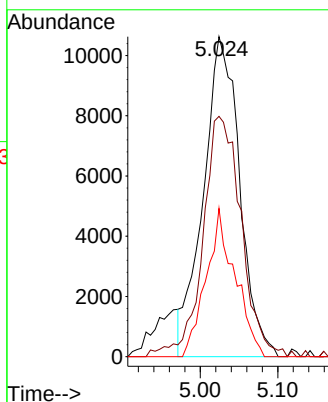
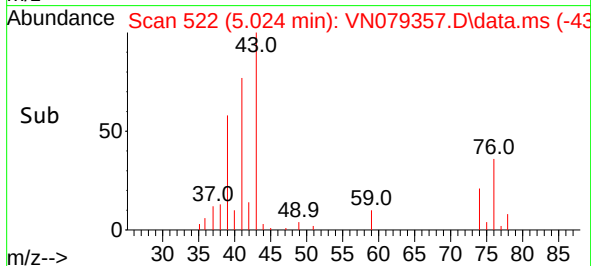
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



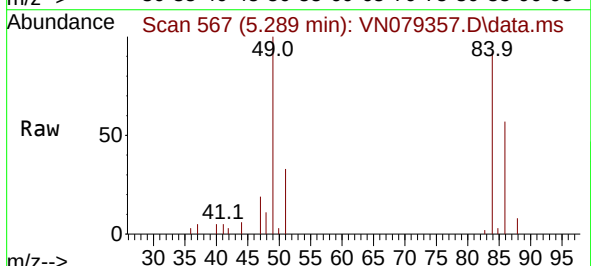
Tgt Ion: 41 Resp: 34620
 Ion Ratio Lower Upper
 41 100
 39 73.1 38.4 115.2
 76 46.4 19.5 58.5

Manual Integrations
 APPROVED

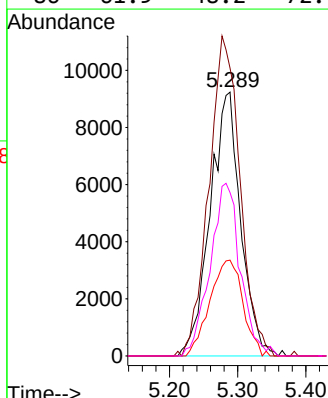
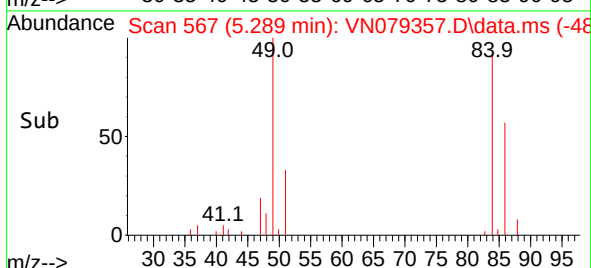
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

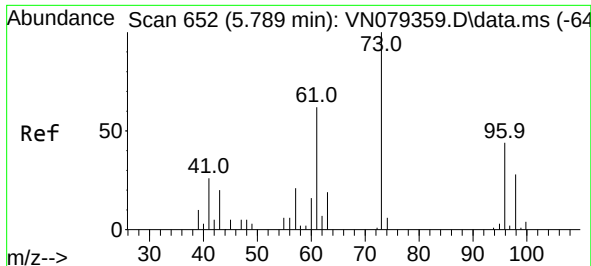


#18
 Methylene Chloride
 Concen: 10.408 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36



Tgt Ion: 84 Resp: 28798
 Ion Ratio Lower Upper
 84 100
 49 109.1 100.9 151.3
 51 36.3 29.4 44.2
 86 61.9 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 11.224 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079357.D

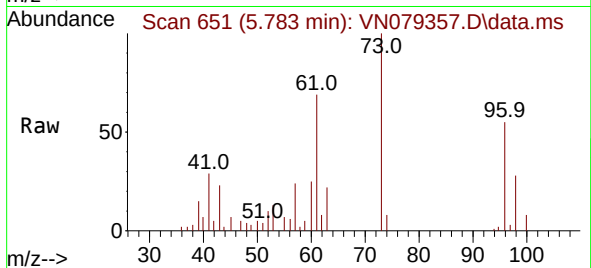
Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



Tgt Ion: 96 Resp: 2524

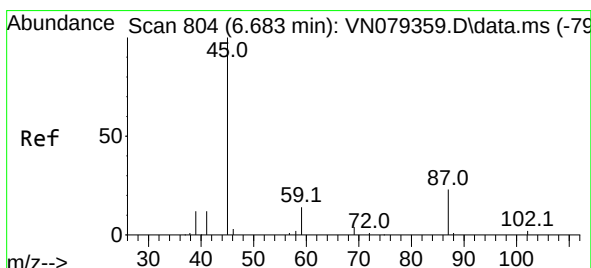
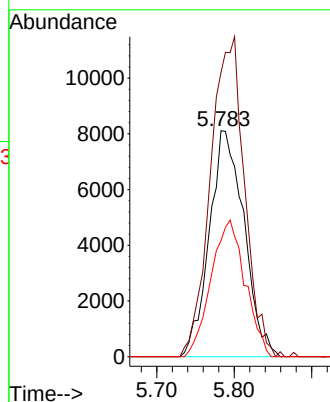
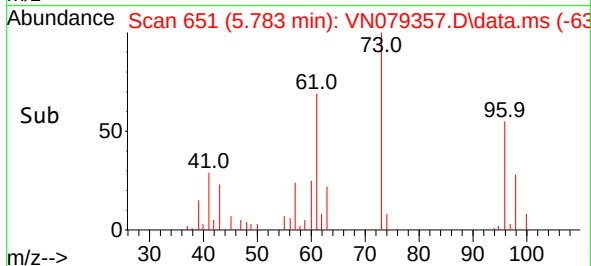
Ion	Ratio	Lower	Upper
96	100		
61	125.8	113.4	170.0
98	51.4	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#20

Diisopropyl ether

Concen: 9.992 ug/l

RT: 6.677 min Scan# 803

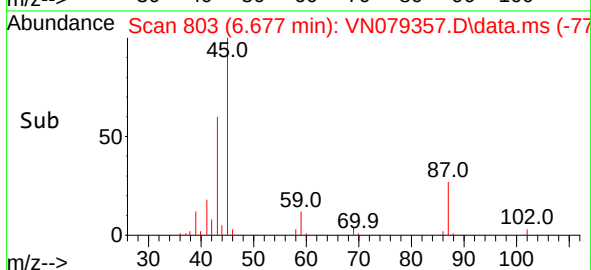
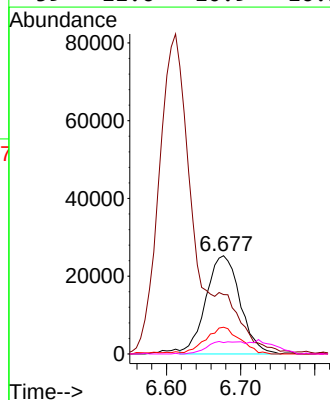
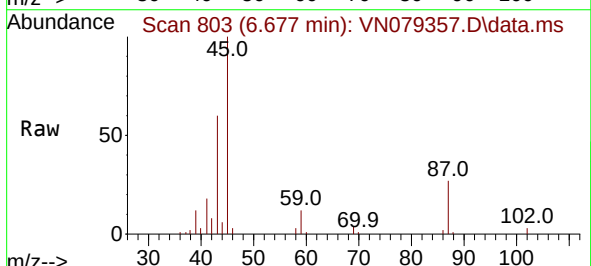
Delta R.T. -0.006 min

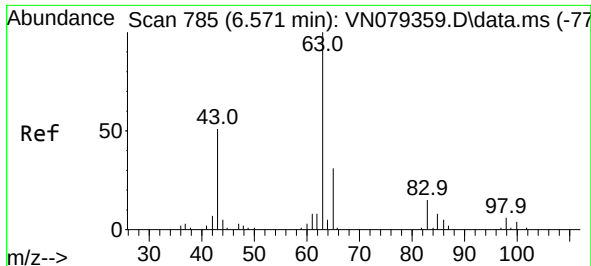
Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Tgt Ion: 45 Resp: 80745

Ion	Ratio	Lower	Upper
45	100		
43	57.6	42.1	63.1
87	27.2	20.5	30.7
59	11.6	10.9	16.3





#21

1,1-Dichloroethane

Concen: 10.290 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

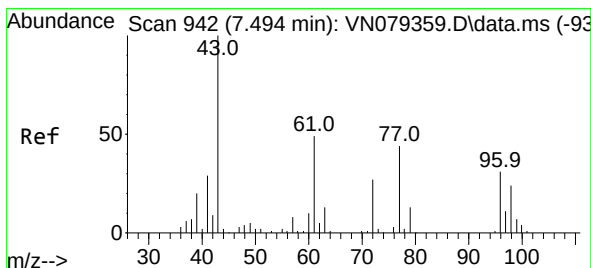
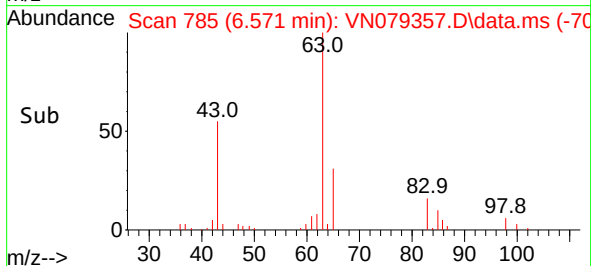
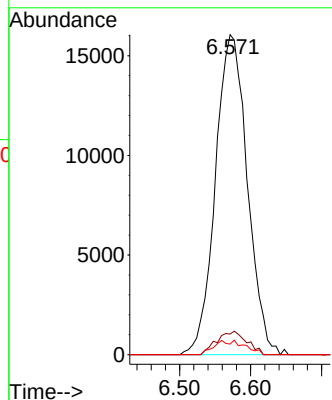
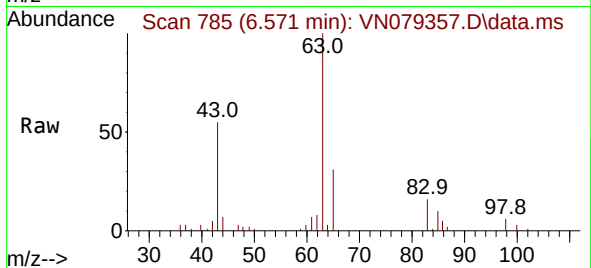
Tgt Ion:	63	Resp:	50104
Ion Ratio	Lower	Upper	
63	100		
98	6.5	2.8	8.4
100	3.3	1.9	5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#22

cis-1,2-Dichloroethene

Concen: 10.026 ug/l

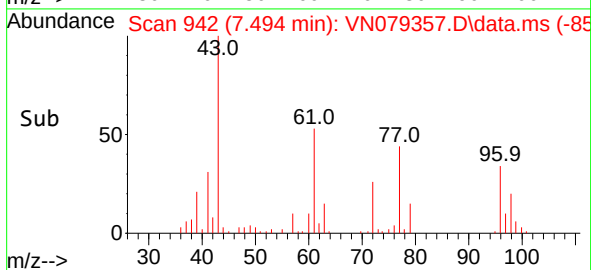
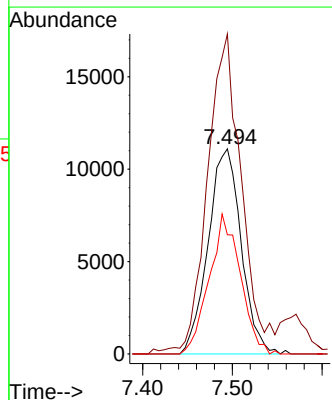
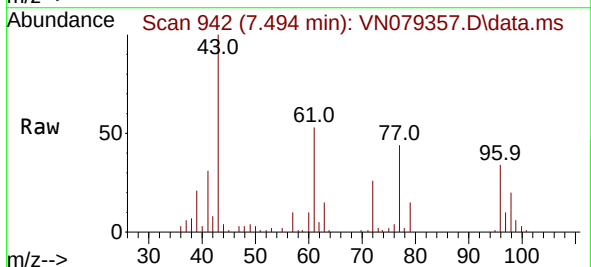
RT: 7.494 min Scan# 942

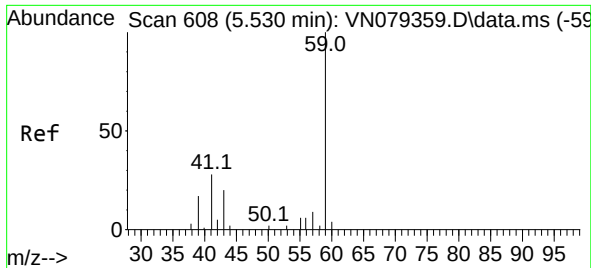
Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Tgt Ion:	96	Resp:	28395
Ion Ratio	Lower	Upper	
96	100		
61	155.2	124.6	186.8
98	64.1	54.2	81.4





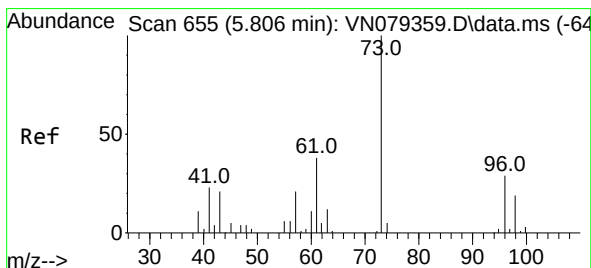
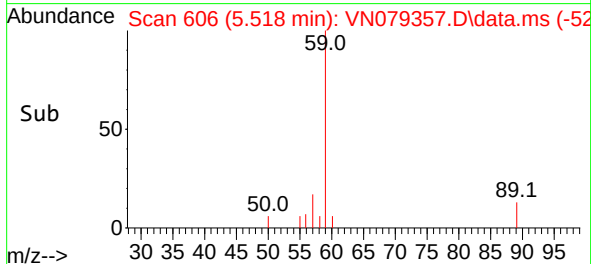
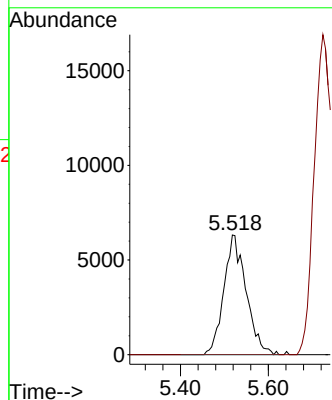
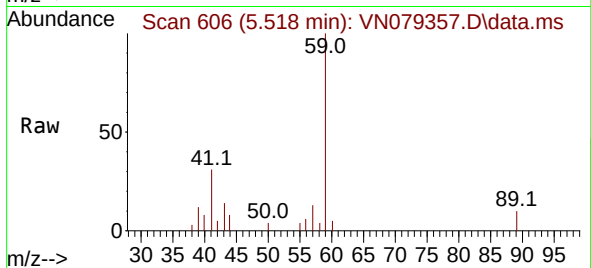
#23
tert-Butyl Alcohol
Concen: 60.206 ug/l m
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 22285
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

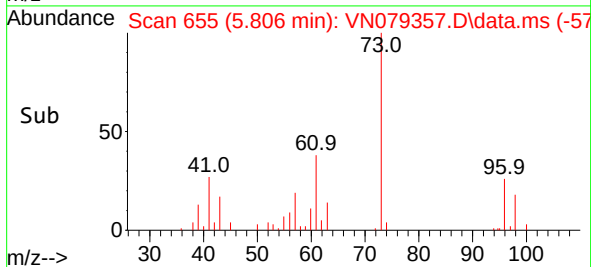
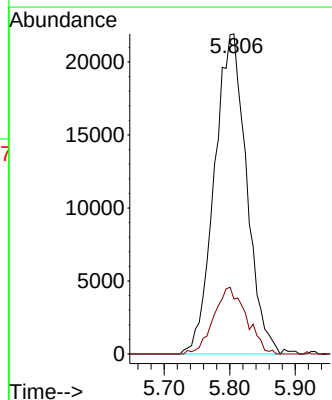
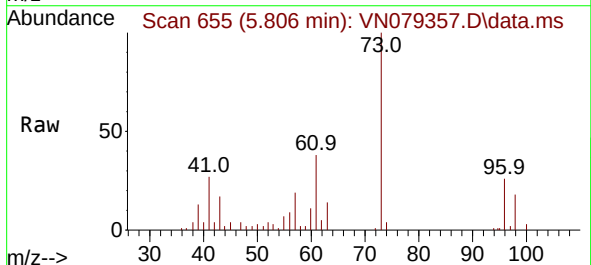
Manual Integrations
APPROVED

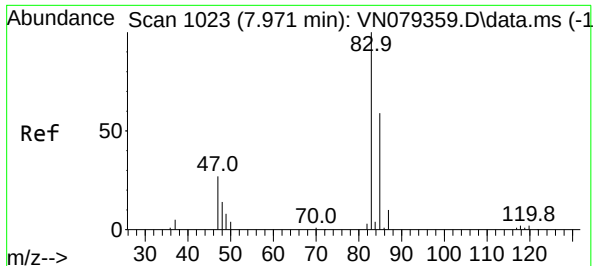
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 11.578 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 73 Resp: 74635
Ion Ratio Lower Upper
73 100
43 20.8 16.6 24.8





#25

Chloroform

Concen: 10.184 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 5062

Ion Ratio Lower Upper

83 100

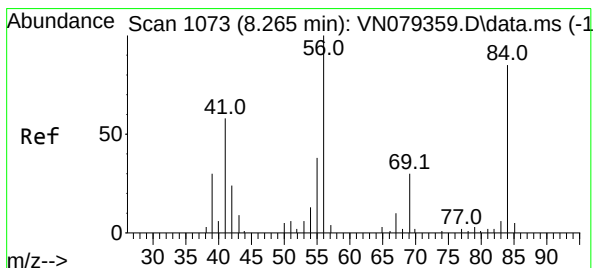
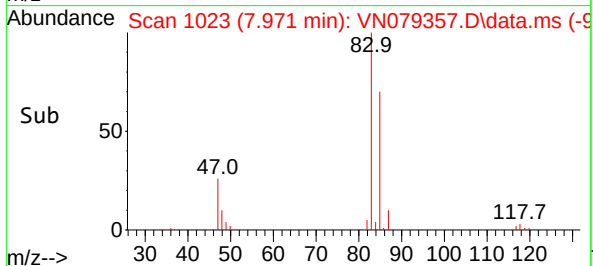
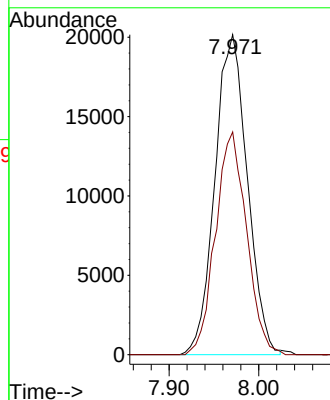
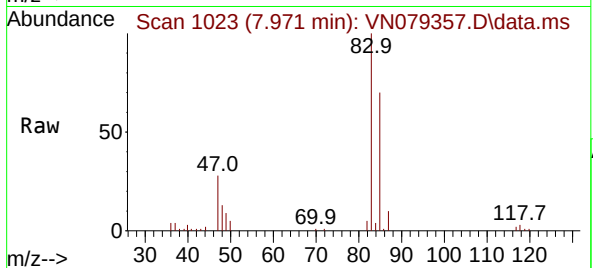
85 69.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#26

Cyclohexane

Concen: 11.311 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

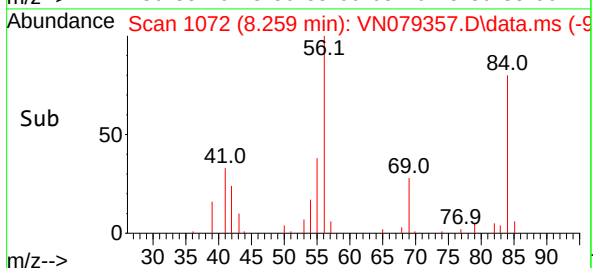
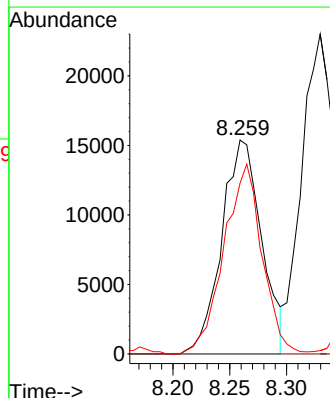
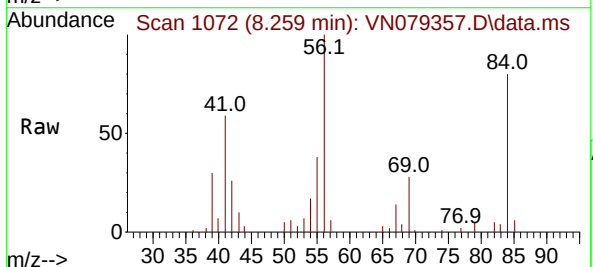
Tgt Ion: 56 Resp: 37587

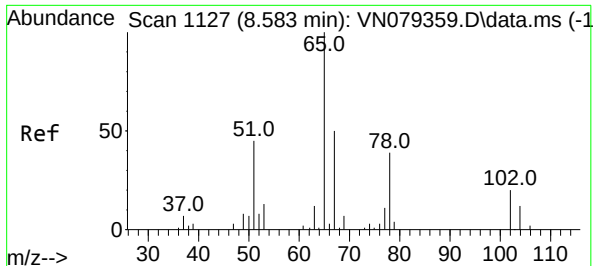
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.9 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.781 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

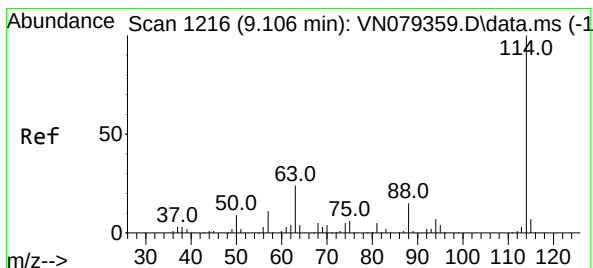
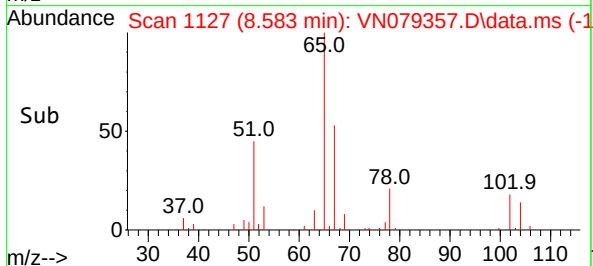
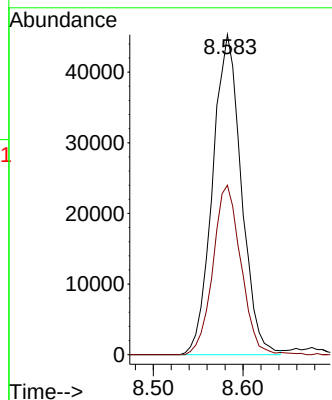
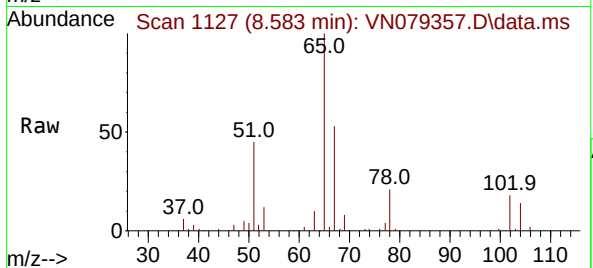
Tgt Ion: 65 Resp: 10086
Ion Ratio Lower Upper
65 100
67 51.1 42.1 63.1

Manual Integrations

APPROVED

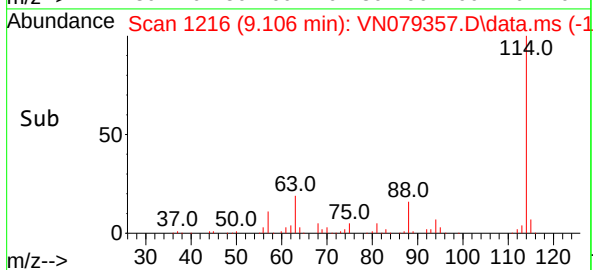
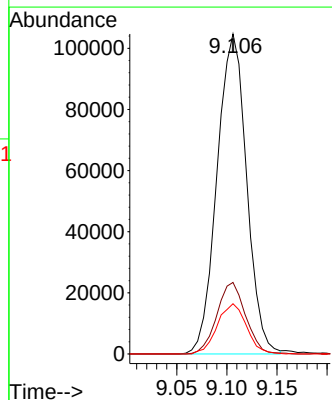
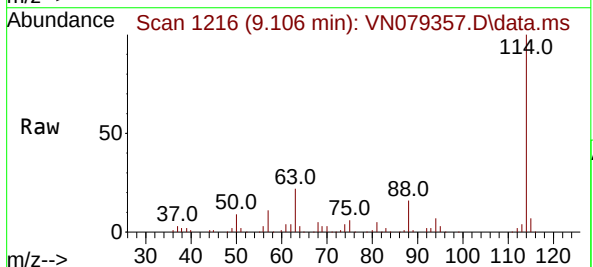
Reviewed By :John Carlone 09/28/2023

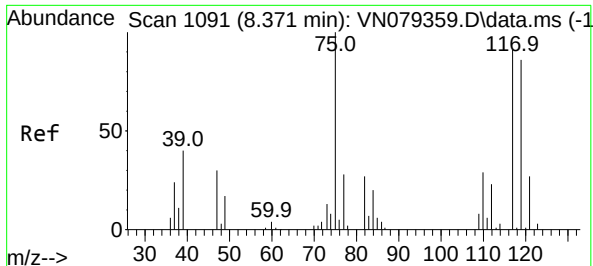
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion:114 Resp: 214877
Ion Ratio Lower Upper
114 100
63 21.7 18.1 27.1
88 15.4 12.2 18.2





#29
1,1-Dichloropropene
Concen: 9.988 ug/l
RT: 8.377 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

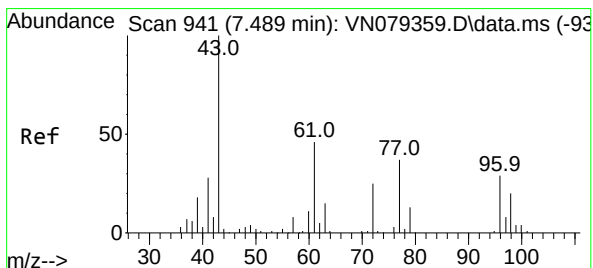
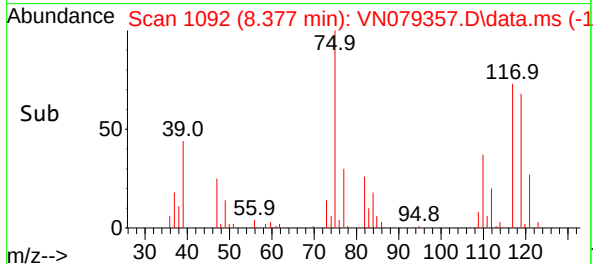
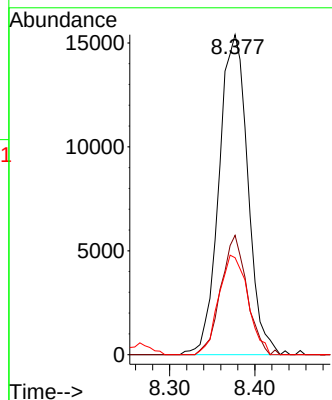
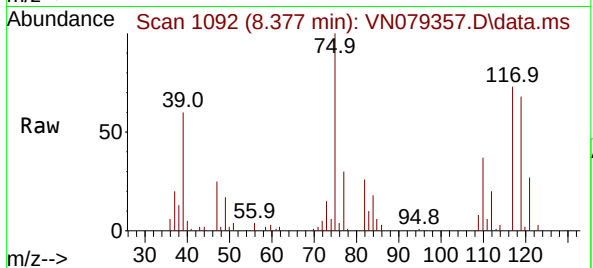
Tgt Ion: 75 Resp: 36159
Ion Ratio Lower Upper
75 100
110 33.7 0.0 66.8
77 31.4 0.0 61.2

Manual Integrations

APPROVED

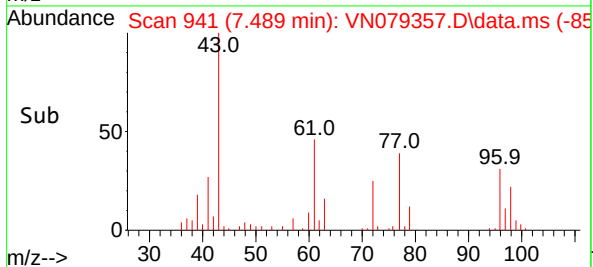
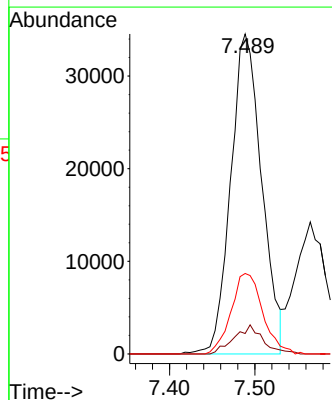
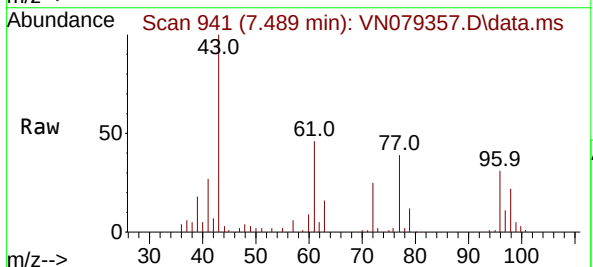
Reviewed By :John Carlone 09/28/2023

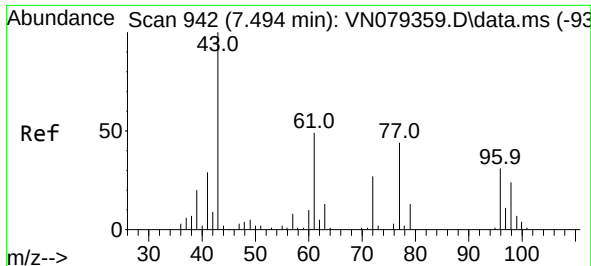
Supervised By :Semsettin Yesilyurt 09/28/2023



#30
2-Butanone
Concen: 48.731 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 43 Resp: 87273
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 25.6 20.7 31.1





#31

2,2-Dichloropropane

Concen: 9.697 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 77 Resp: 3875

Ion Ratio Lower Upper

77 100

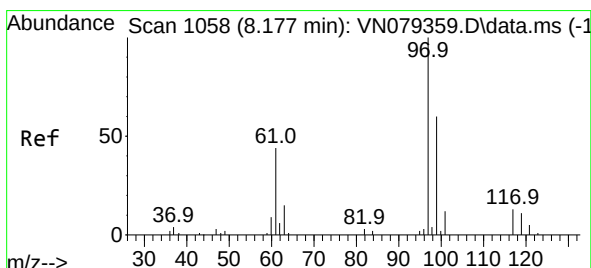
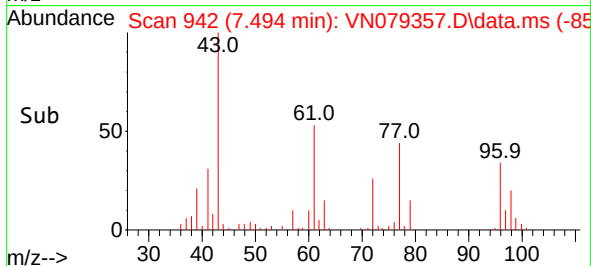
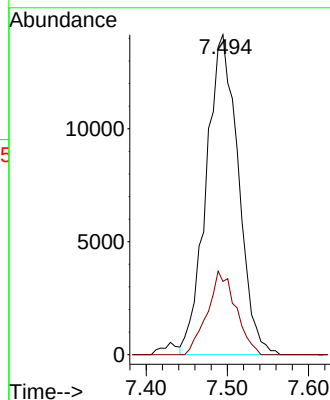
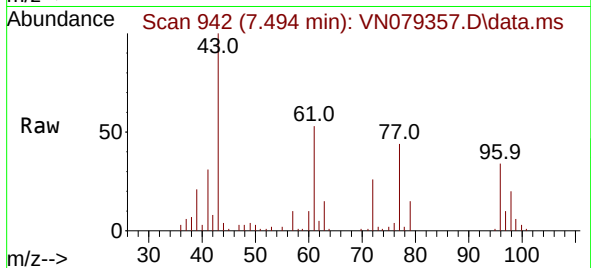
97 23.2 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#32

1,1,1-Trichloroethane

Concen: 9.937 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

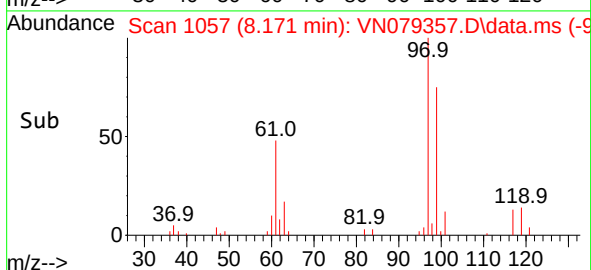
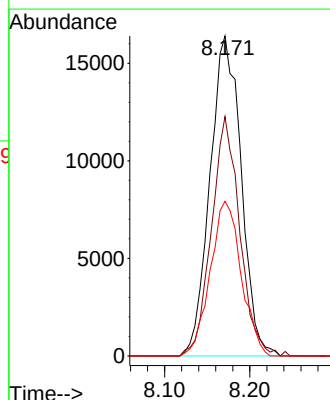
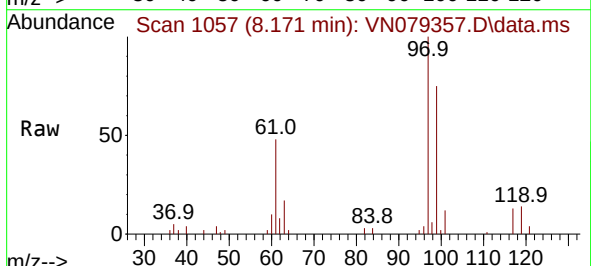
Tgt Ion: 97 Resp: 41709

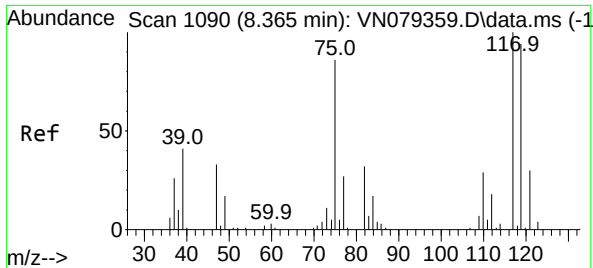
Ion Ratio Lower Upper

97 100

99 67.4 51.9 77.9

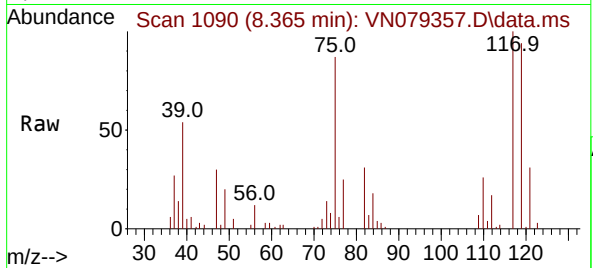
61 48.1 37.6 56.4





#33
Carbon Tetrachloride
Concen: 10.065 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

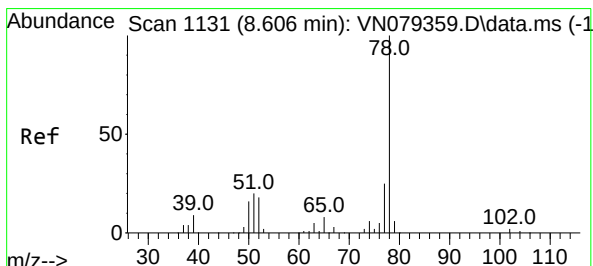
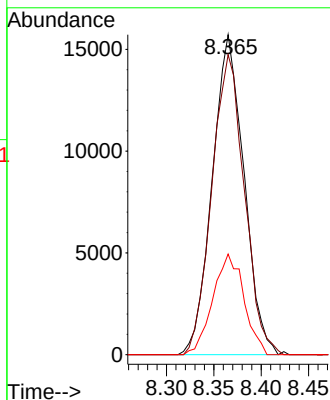
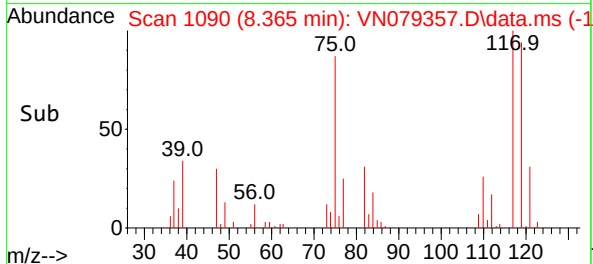
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



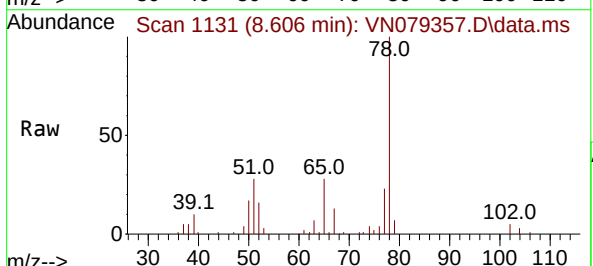
Tgt Ion:117 Resp: 36589
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.6
121 31.4 24.3 36.5

Manual Integrations
APPROVED

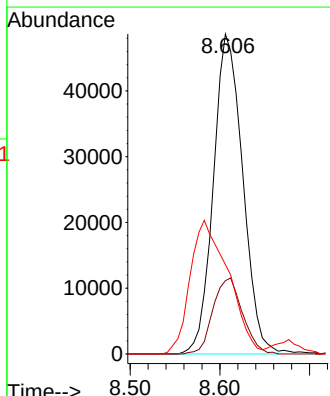
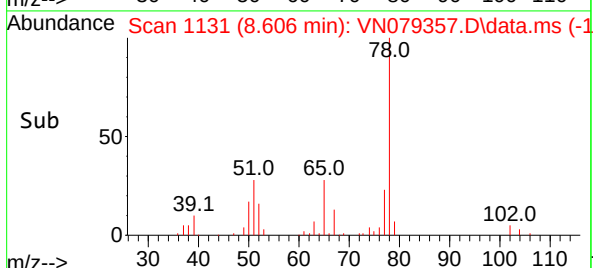
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

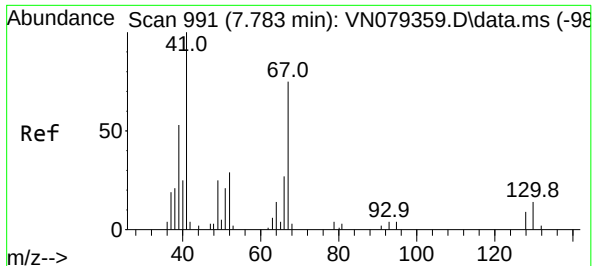


#34
Benzene
Concen: 10.065 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



Tgt Ion: 78 Resp: 110392
Ion Ratio Lower Upper
78 100
77 22.9 19.7 29.5
51 24.7 15.8 23.6#





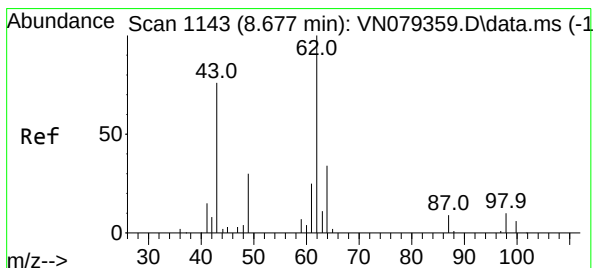
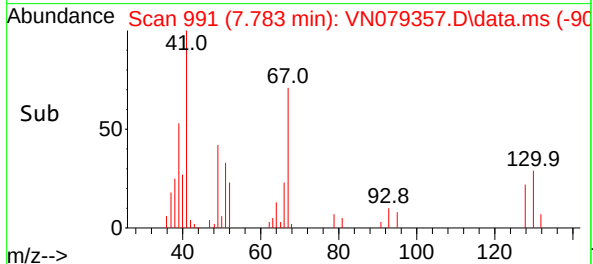
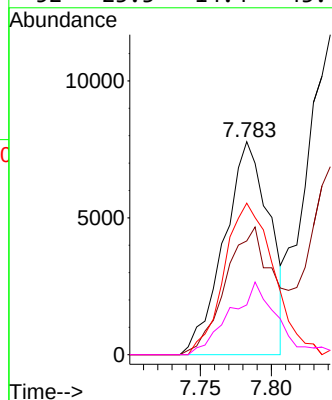
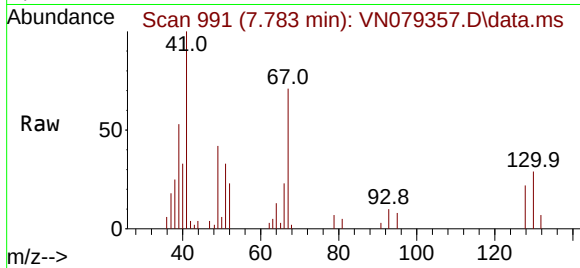
#35
Methacrylonitrile
Concen: 9.336 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion:	41	Resp:	1731
Ion Ratio	100	Lower	Upper
39	53.4	26.3	78.8
67	71.2	37.5	112.3
52	23.3	14.4	43.4

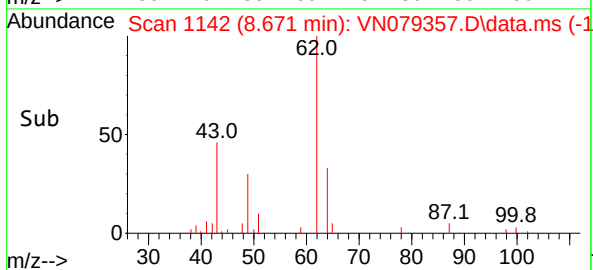
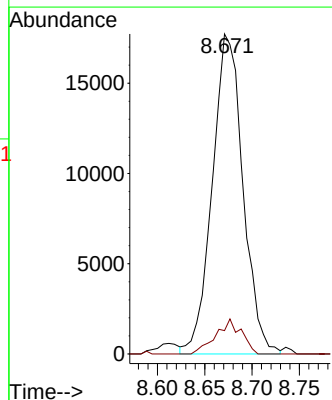
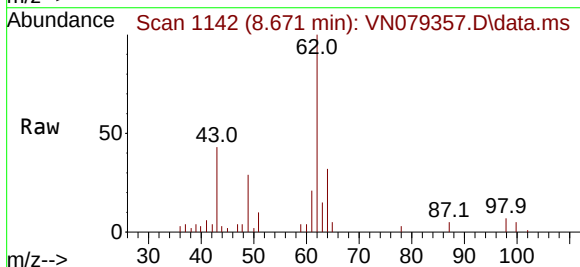
Manual Integrations
APPROVED

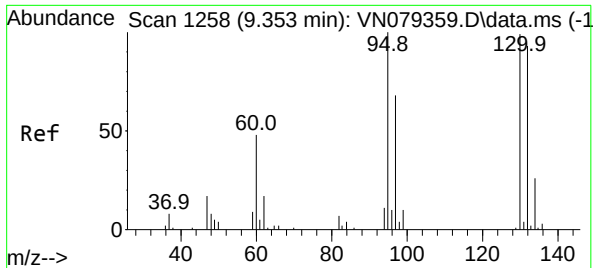
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 10.063 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion:	62	Resp:	39976
Ion Ratio	100	Lower	Upper
98	9.1	7.2	10.8





#37

Trichloroethene

Concen: 9.913 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:130 Resp: 2555

Ion Ratio Lower Upper

130 100

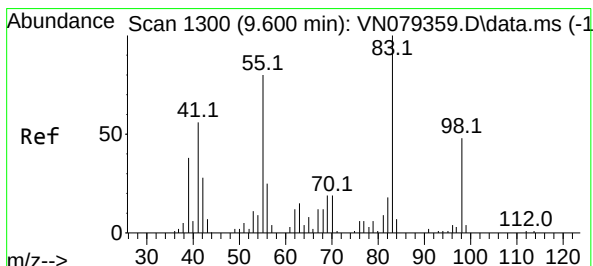
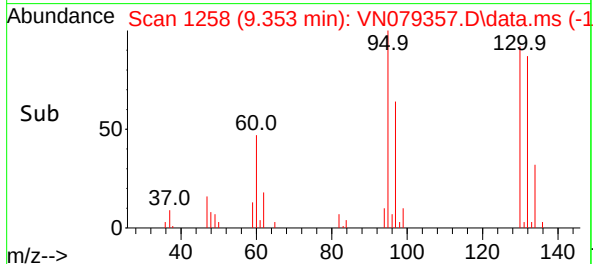
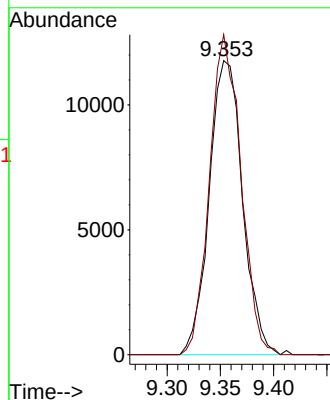
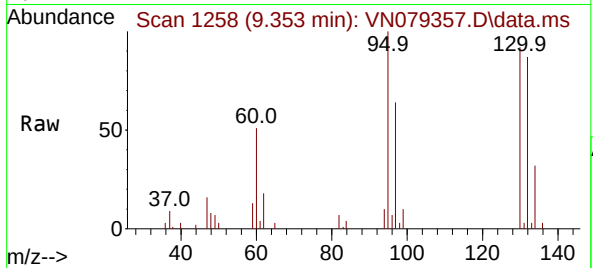
95 108.8 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#38

Methylcyclohexane

Concen: 9.634 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

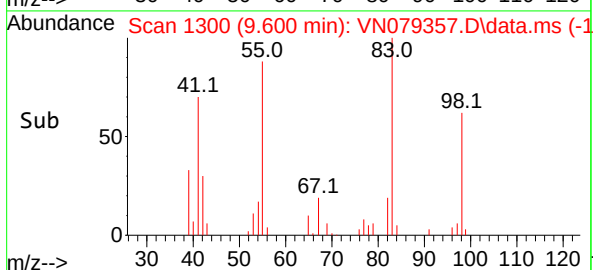
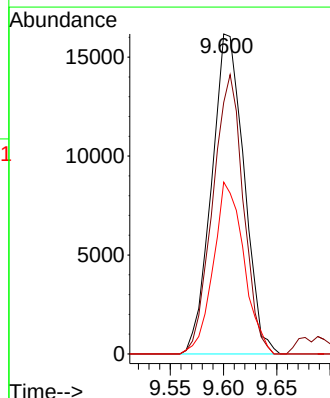
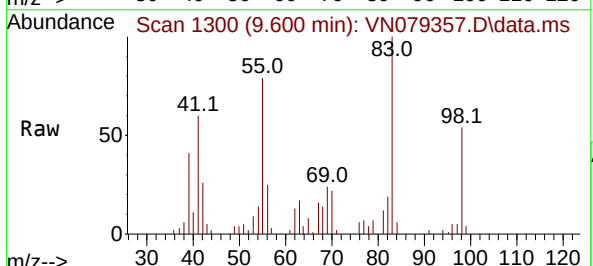
Tgt Ion: 83 Resp: 34201

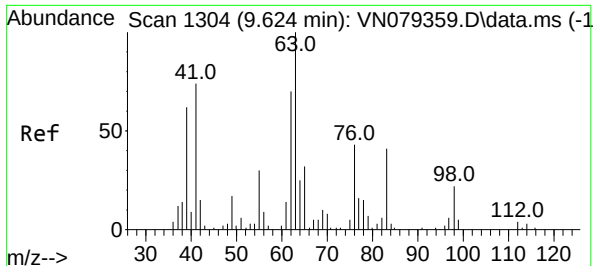
Ion Ratio Lower Upper

83 100

55 82.4 39.7 119.1

98 50.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 9.926 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2889

Ion Ratio Lower Upper

63 100

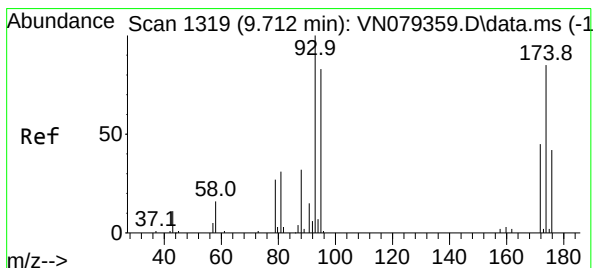
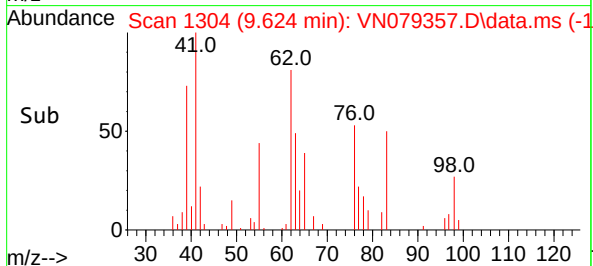
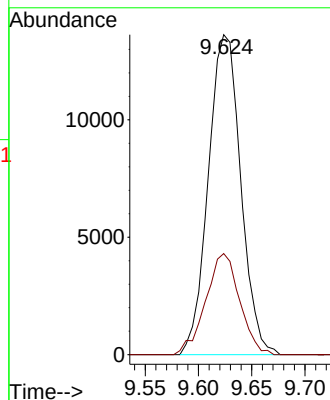
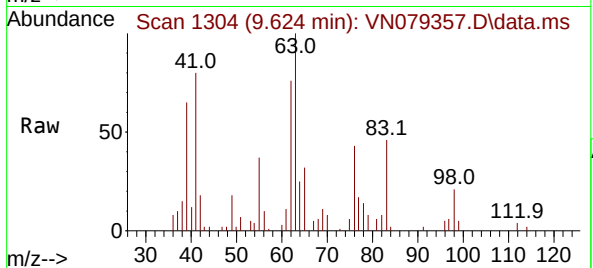
65 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 10.207 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

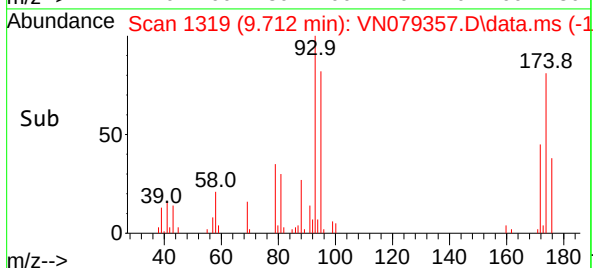
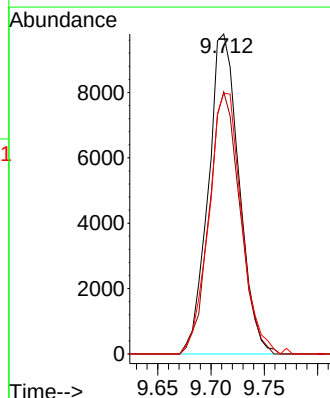
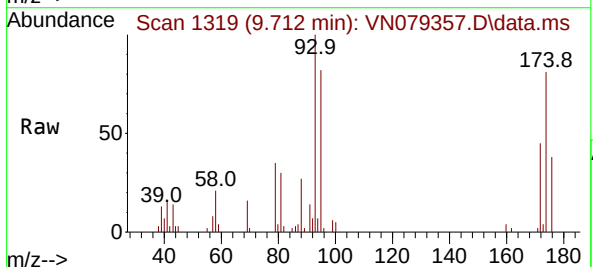
Tgt Ion: 93 Resp: 19670

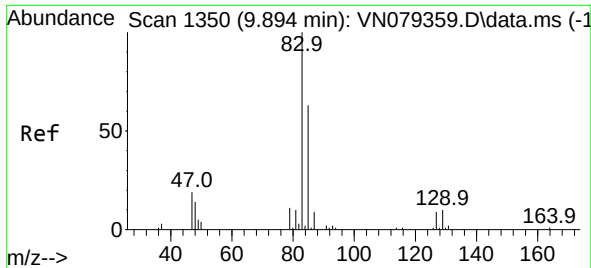
Ion Ratio Lower Upper

93 100

95 82.0 0.0 166.6

174 86.0 0.0 171.0





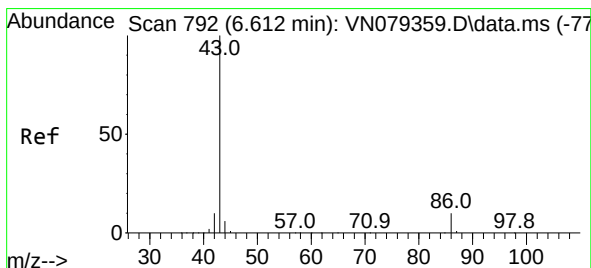
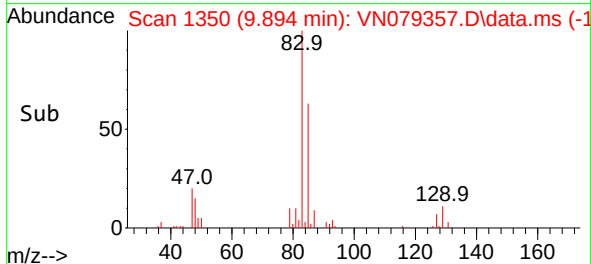
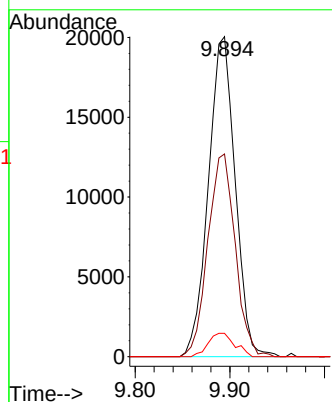
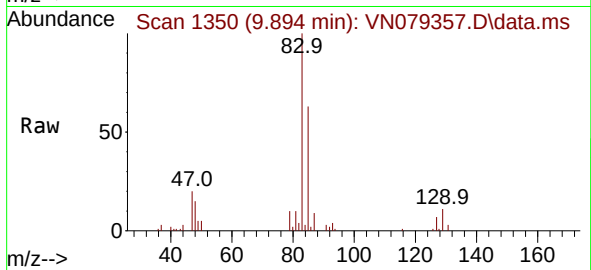
#41
Bromodichloromethane
Concen: 10.065 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 39498
Ion Ratio Lower Upper
83 100
85 63.4 50.3 75.5
127 7.3 6.8 10.2

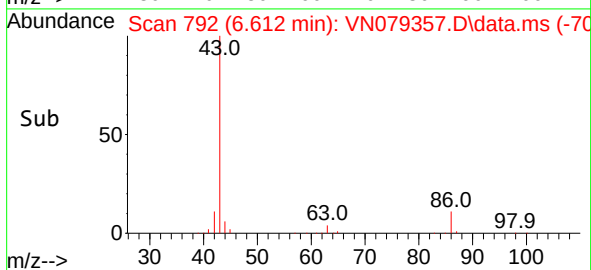
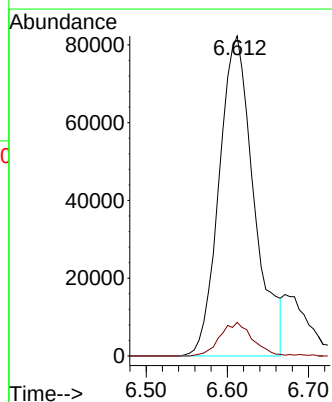
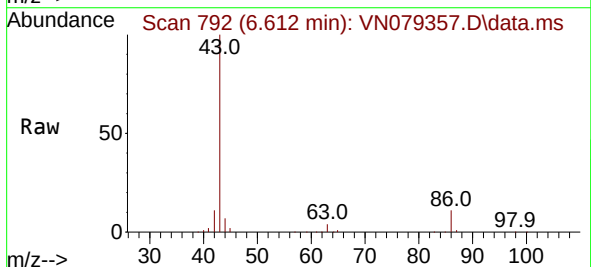
Manual Integrations
APPROVED

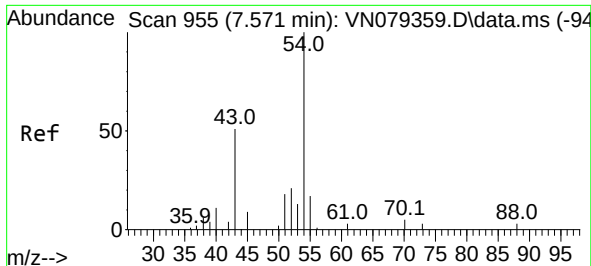
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 50.709 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

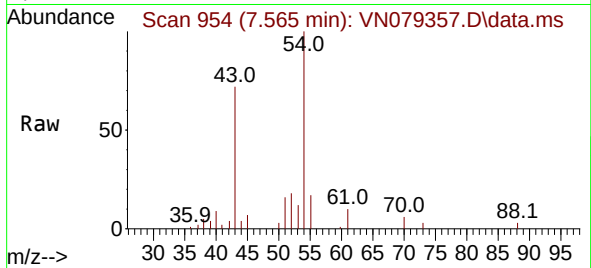
Tgt Ion: 43 Resp: 245393
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.2





#43
Ethyl Acetate
Concen: 10.774 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

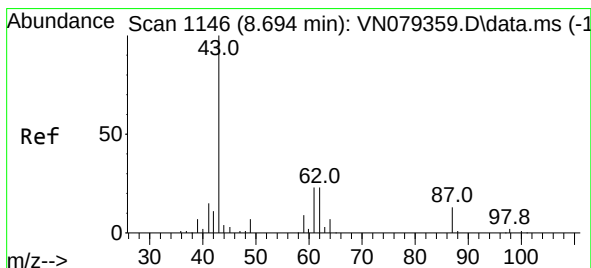
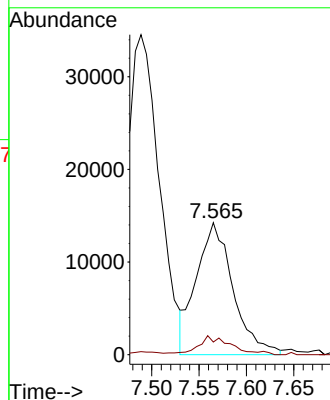
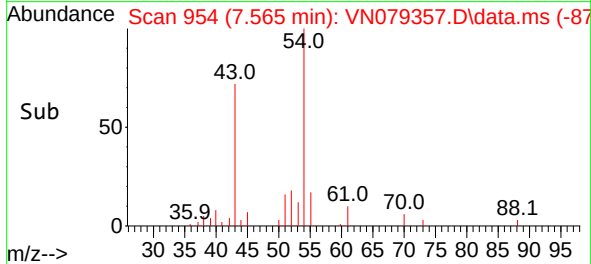
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 38435
Ion Ratio Lower Upper
43 100
45 11.9 11.8 17.8

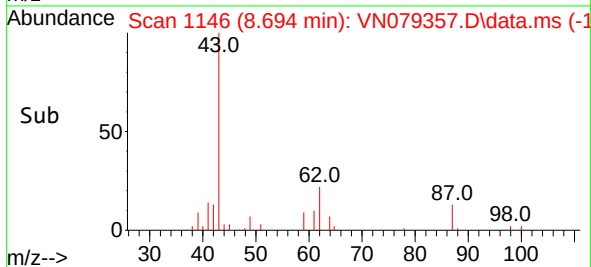
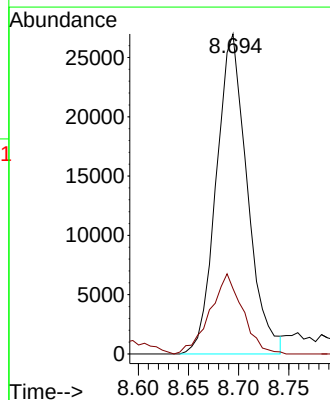
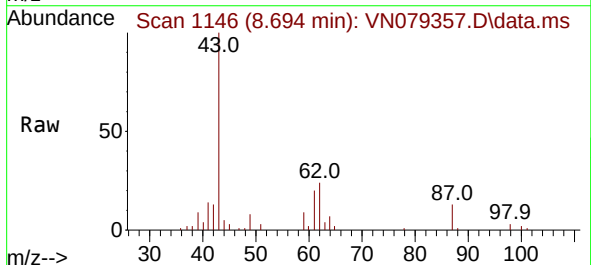
Manual Integrations
APPROVED

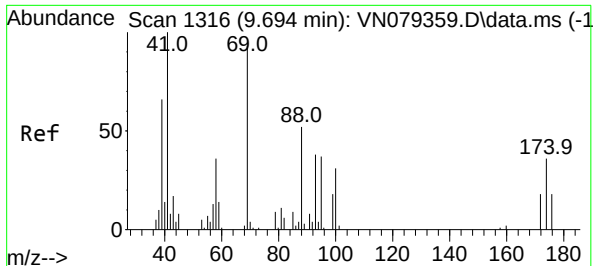
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#44
Isopropyl Acetate
Concen: 10.107 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 43 Resp: 57969
Ion Ratio Lower Upper
43 100
61 26.4 20.3 30.5





#45

1,4-Dioxane

Concen: 201.027 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

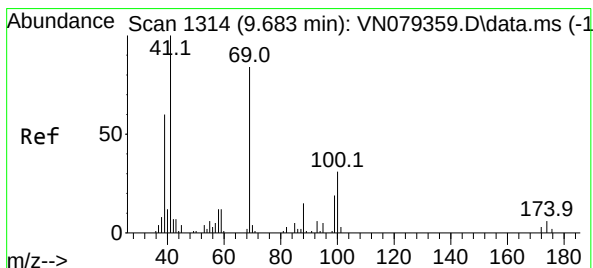
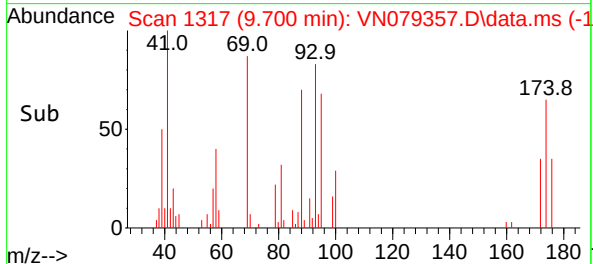
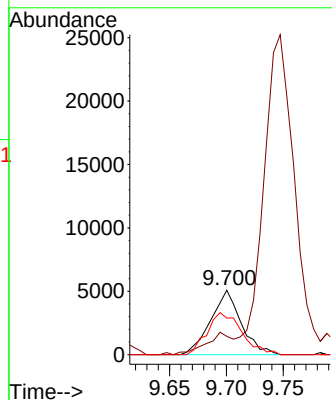
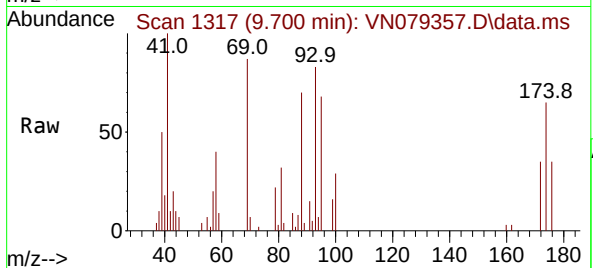
Tgt Ion: 88 Resp: 951
 Ion Ratio Lower Upper
 88 100
 43 29.4 28.7 43.1
 58 74.2 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#46

Methyl methacrylate

Concen: 9.423 ug/l

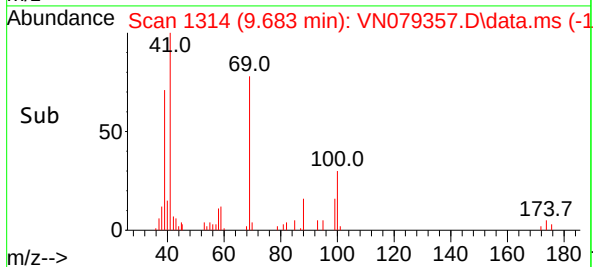
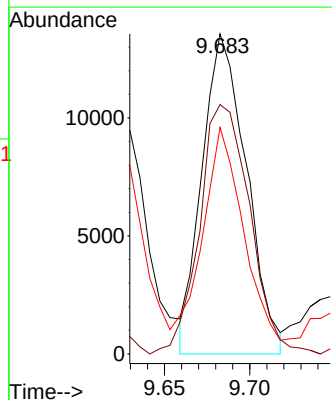
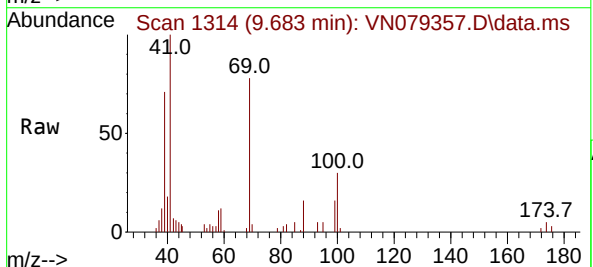
RT: 9.683 min Scan# 1314

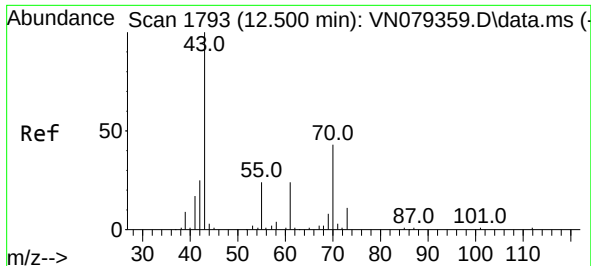
Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Tgt Ion: 41 Resp: 24562
 Ion Ratio Lower Upper
 41 100
 69 78.7 40.0 119.9
 39 71.2 31.1 93.3





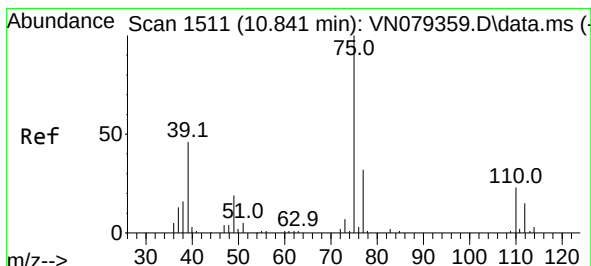
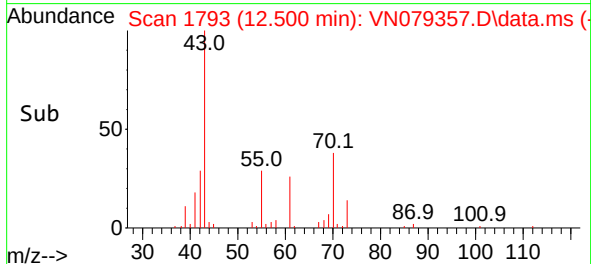
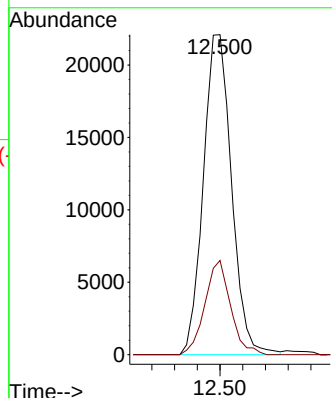
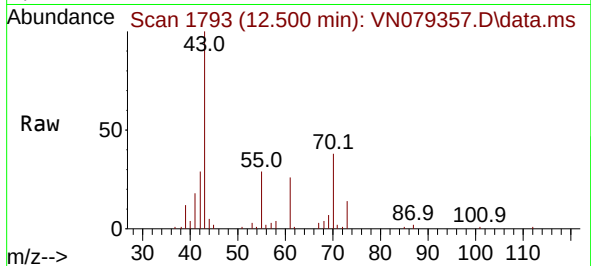
#47
n-amy1 Acetate
Concen: 9.351 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 3816
Ion Ratio Lower Upper
43 100
55 26.7 20.7 31.1

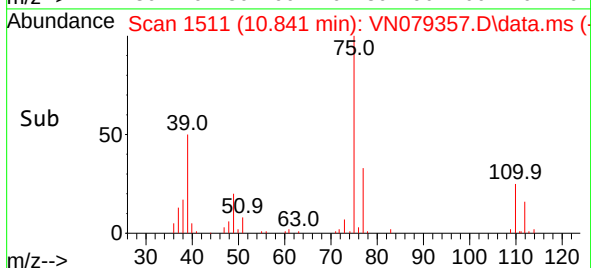
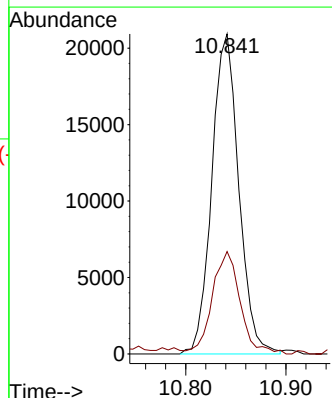
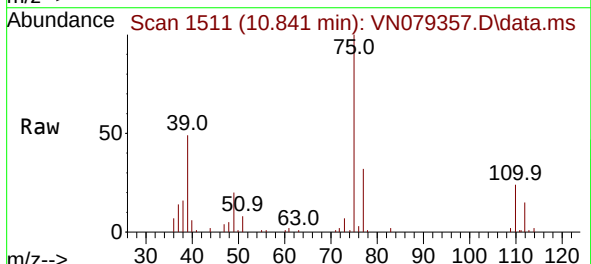
Manual Integrations
APPROVED

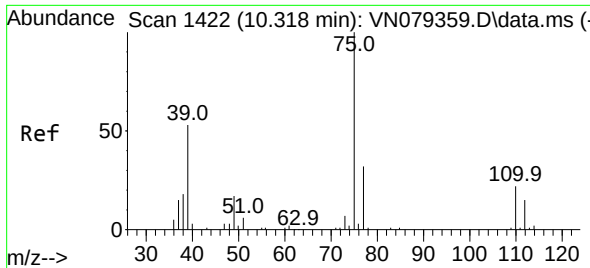
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#48
t-1,3-Dichloropropene
Concen: 9.813 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

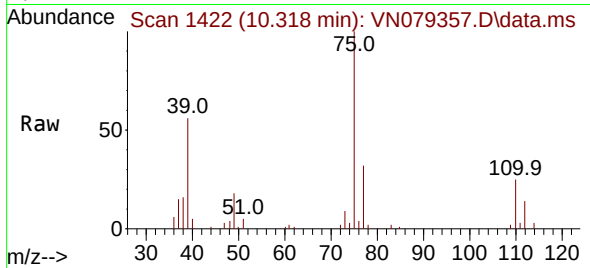
Tgt Ion: 75 Resp: 39114
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 9.986 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36

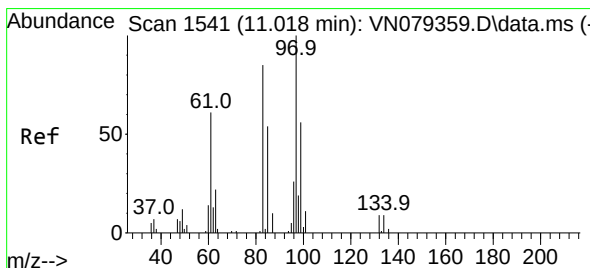
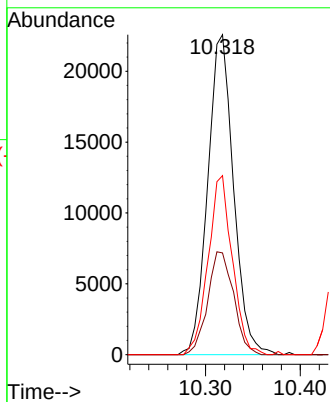
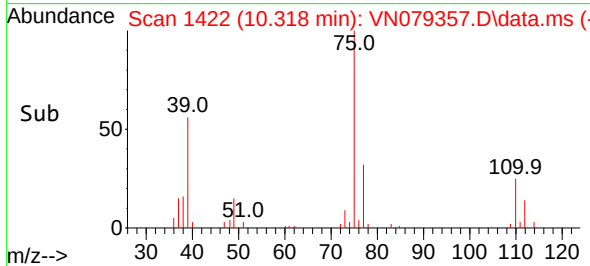
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 42709
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6
 39 56.0 42.4 63.6

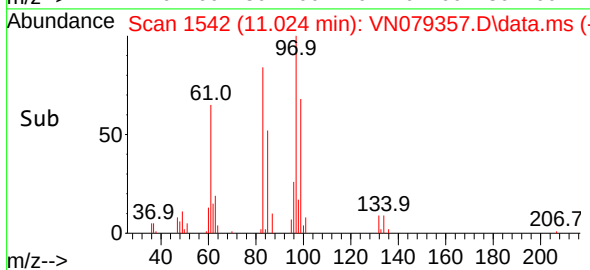
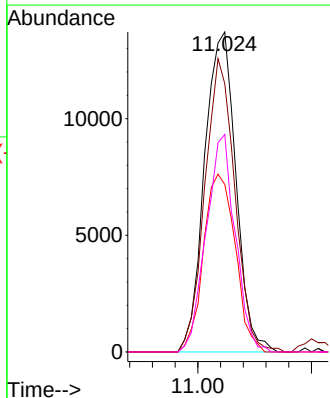
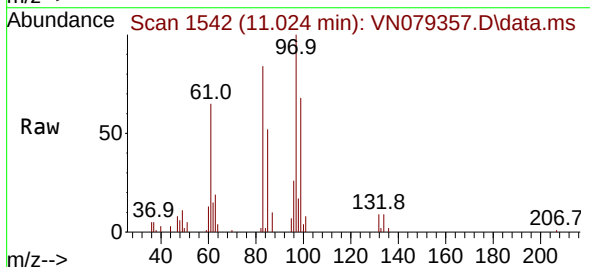
Manual Integrations
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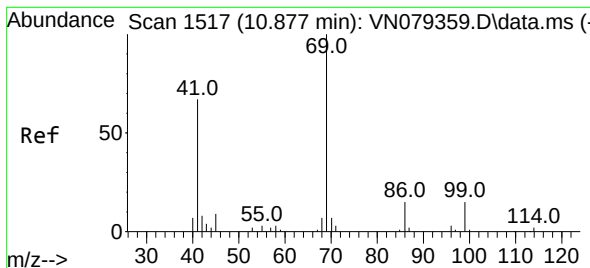
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#50
 1,1,2-Trichloroethane
 Concen: 10.005 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36

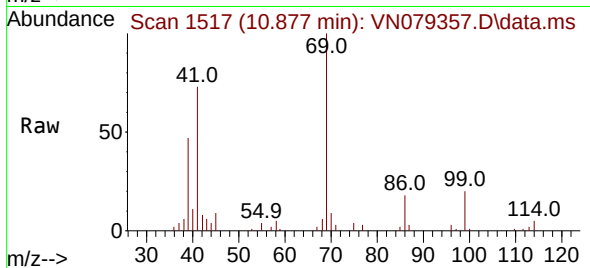
Tgt Ion: 97 Resp: 26304
 Ion Ratio Lower Upper
 97 100
 83 83.8 68.2 102.4
 85 52.3 42.9 64.3
 99 68.0 44.8 67.2#





#51
Ethyl methacrylate
Concen: 9.610 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

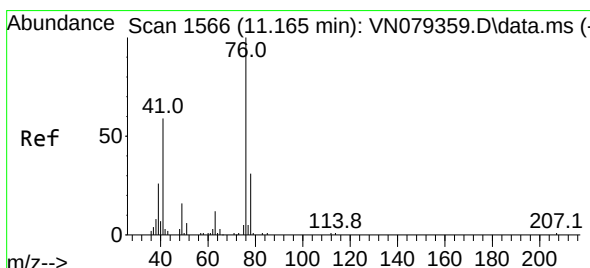
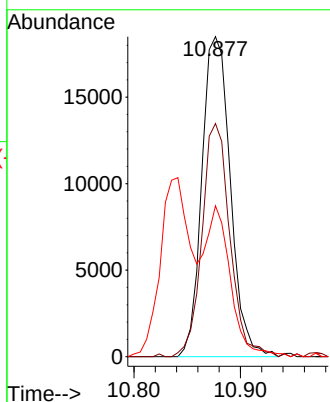
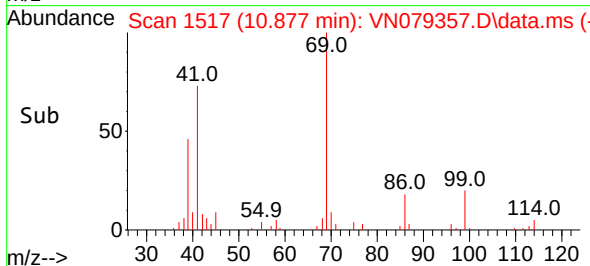
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 69 Resp: 3434
Ion Ratio Lower Upper
69 100
41 72.9 33.8 101.3
39 46.2 21.3 63.9

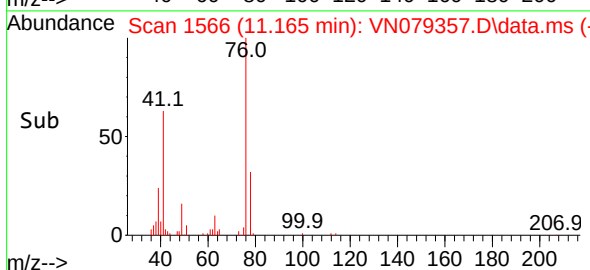
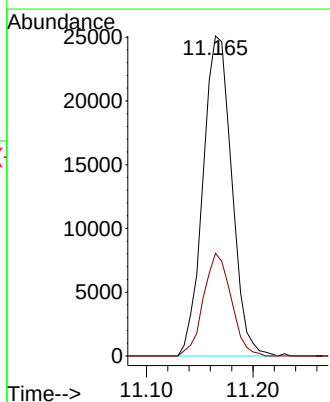
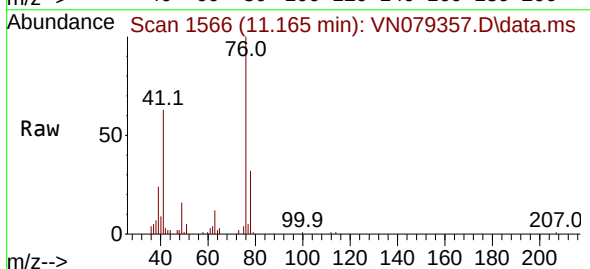
Manual Integrations
APPROVED

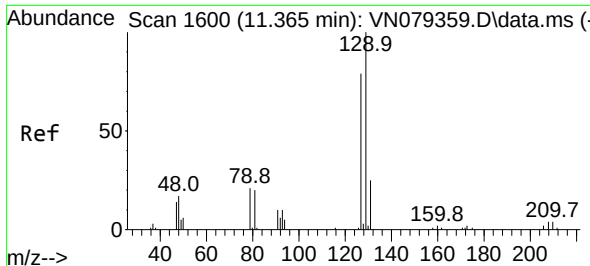
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
1,3-Dichloropropane
Concen: 10.055 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

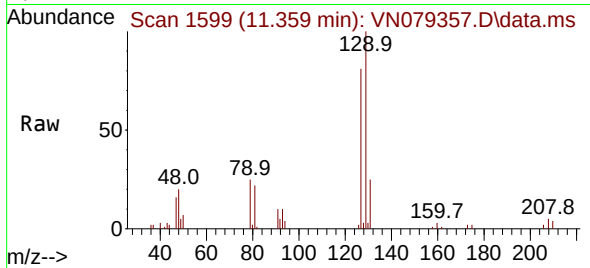
Tgt Ion: 76 Resp: 47156
Ion Ratio Lower Upper
76 100
78 30.8 0.0 64.0





#53
Dibromochloromethane
Concen: 10.238 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

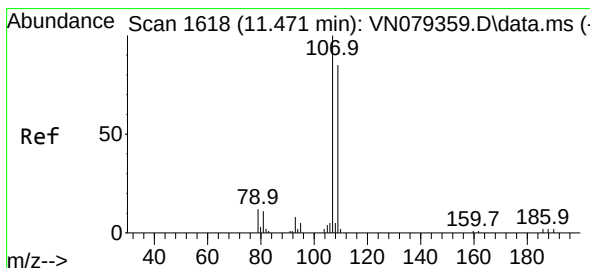
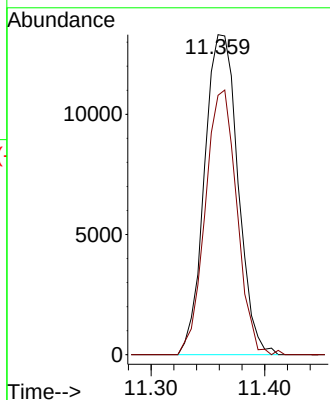
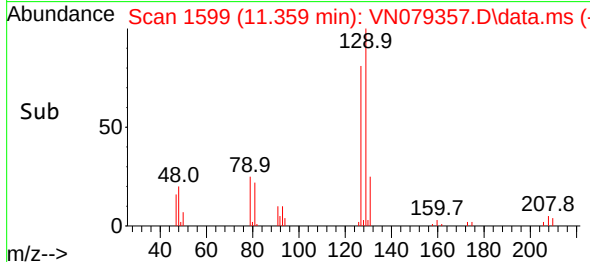
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



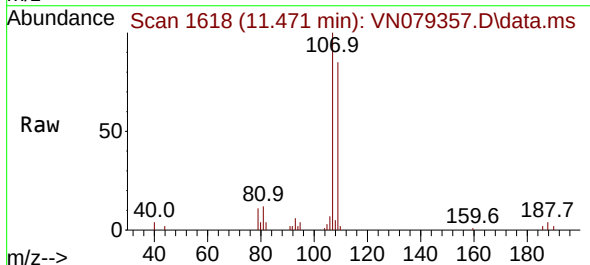
Tgt Ion:129 Resp: 27244
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3

Manual Integrations
APPROVED

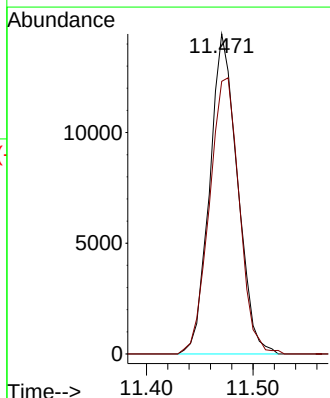
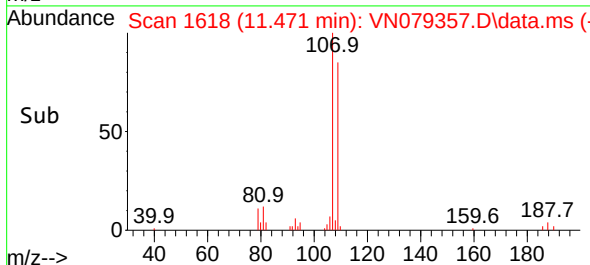
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

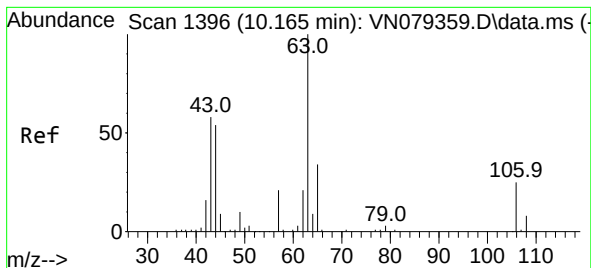


#54
1,2-Dibromoethane
Concen: 10.237 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



Tgt Ion:107 Resp: 26248
Ion Ratio Lower Upper
107 100
109 92.4 73.2 109.8





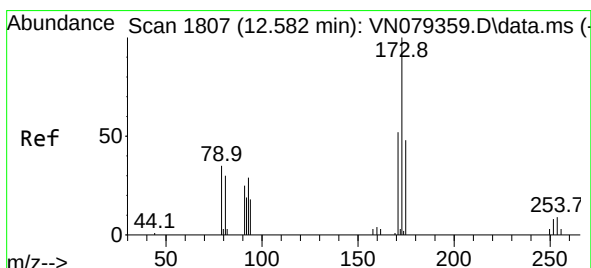
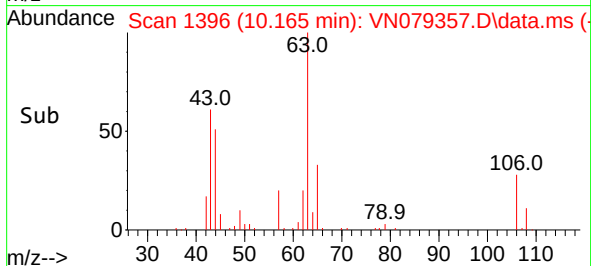
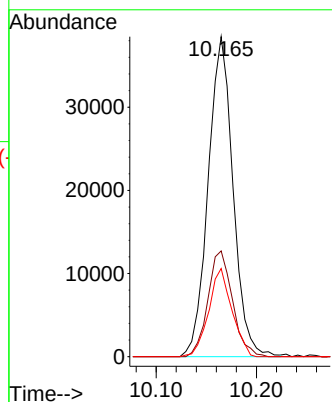
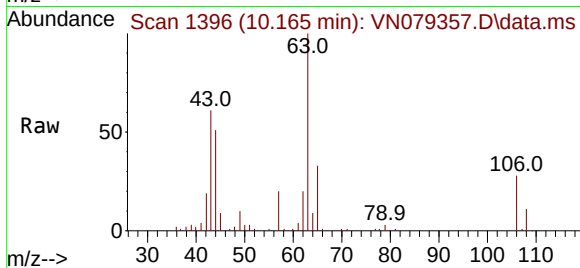
#55
2-Chloroethyl vinyl ether
Concen: 47.808 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 63 Resp: 66419
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 25.8 20.6 30.8

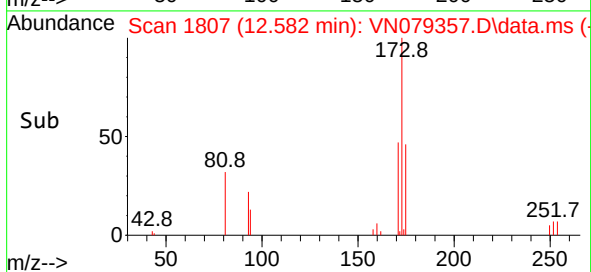
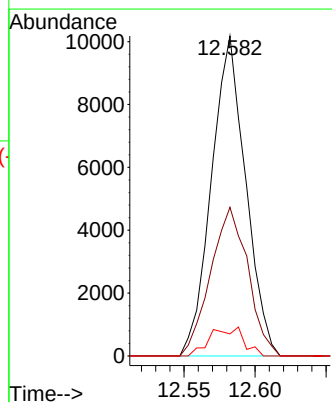
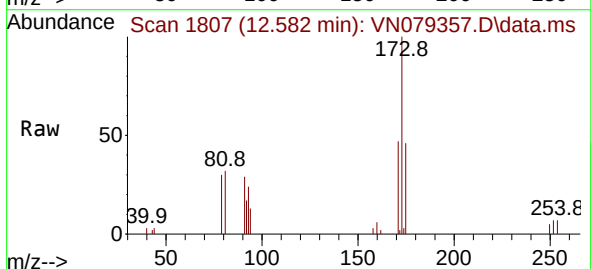
Manual Integrations
APPROVED

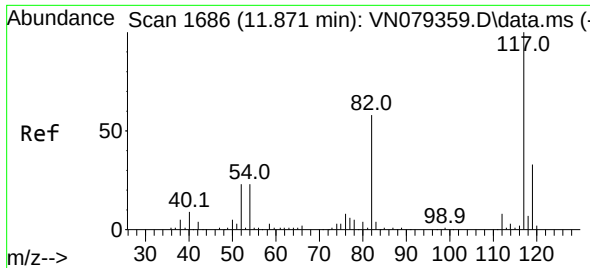
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 10.055 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion:173 Resp: 17045
Ion Ratio Lower Upper
173 100
175 50.8 37.9 56.9
254 2.9 7.3 10.9#





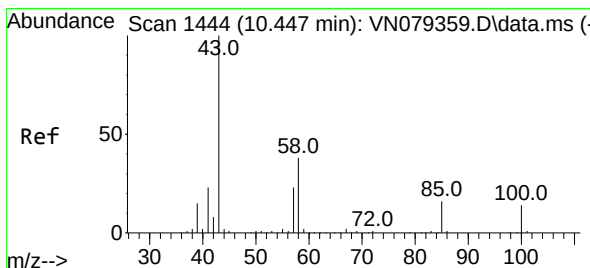
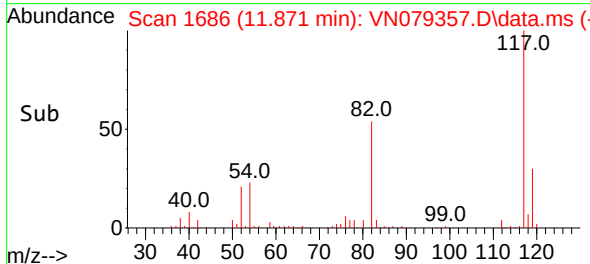
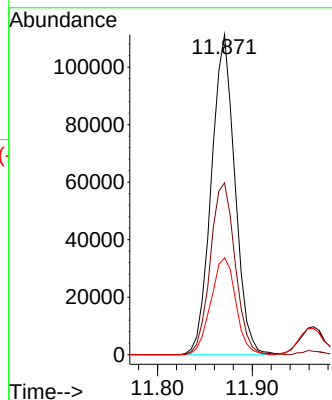
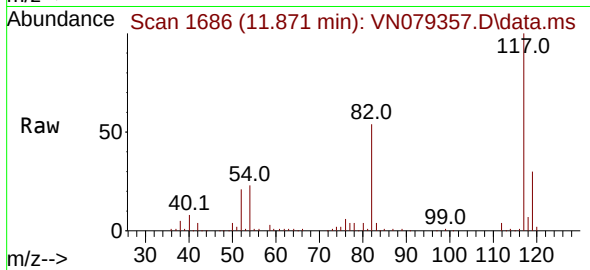
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 192290
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.2
119 31.9 25.2 37.8

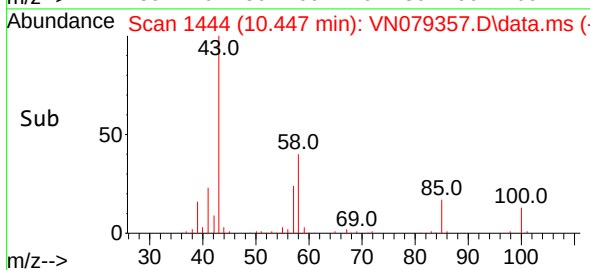
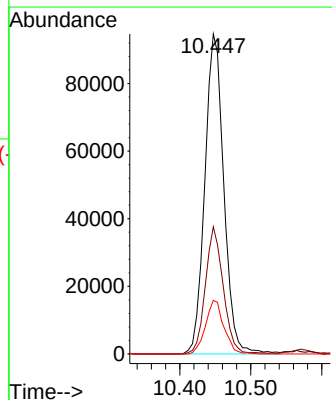
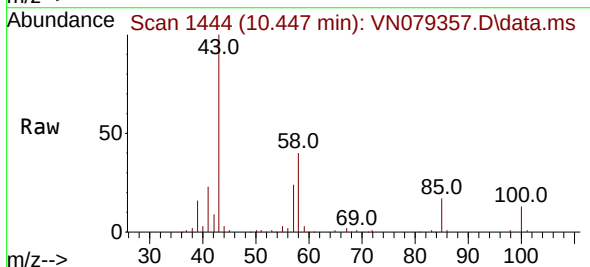
Manual Integrations
APPROVED

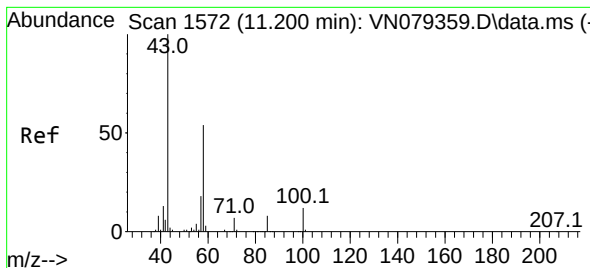
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#58
4-Methyl-2-Pentanone
Concen: 51.269 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

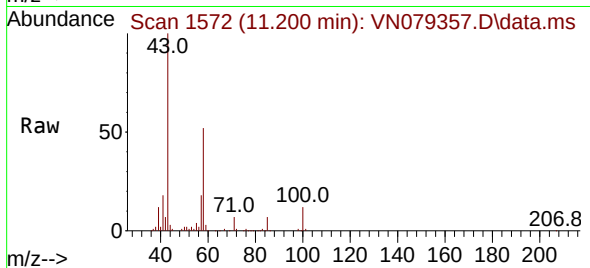
Tgt Ion: 43 Resp: 176424
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6
85 16.2 13.2 19.8





#59
2-Hexanone
Concen: 49.711 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

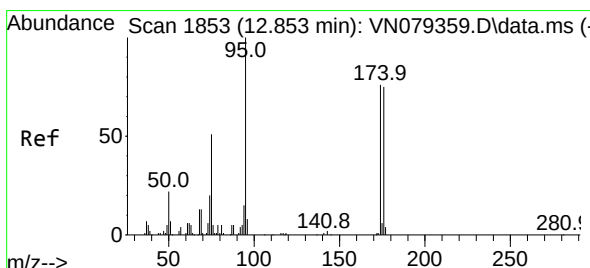
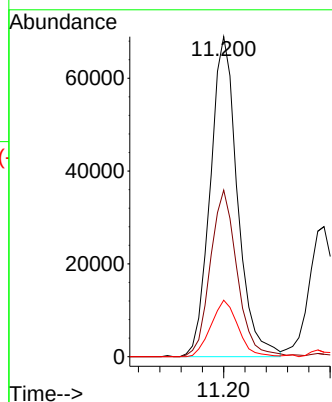
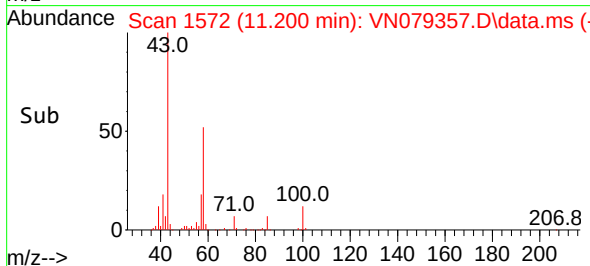
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



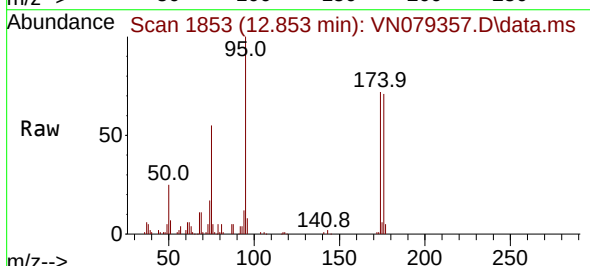
Tgt Ion: 43 Resp: 122380
Ion Ratio Lower Upper
43 100
58 51.2 42.3 63.5
57 17.6 13.9 20.9

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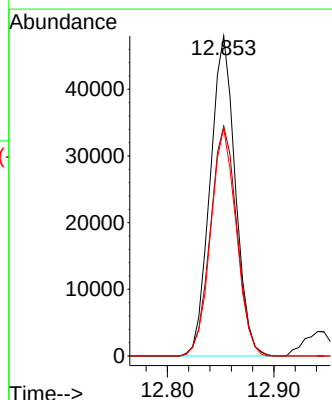
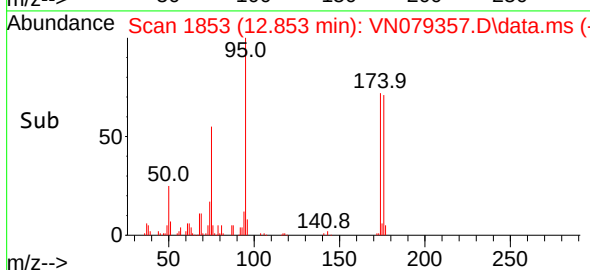
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

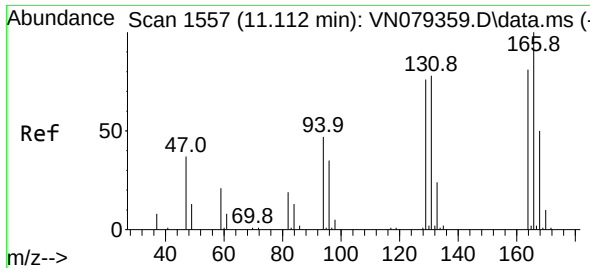


#60
4-Bromofluorobenzene
Concen: 28.669 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



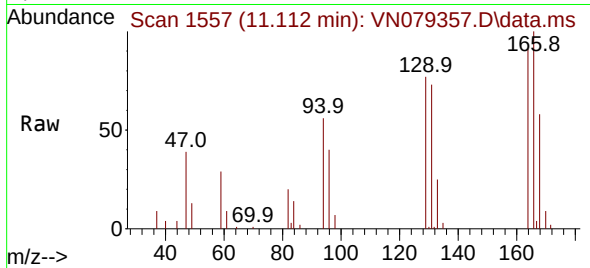
Tgt Ion: 95 Resp: 78576
Ion Ratio Lower Upper
95 100
174 75.8 60.5 90.7
176 72.4 57.2 85.8





#61
Tetrachloroethene
Concen: 10.558 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

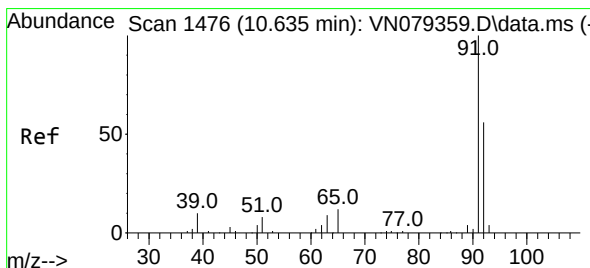
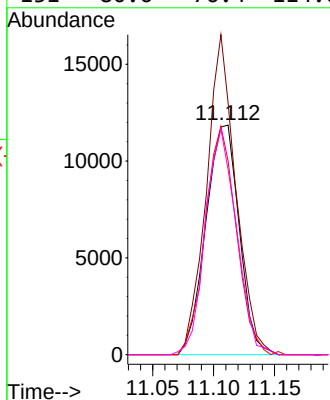
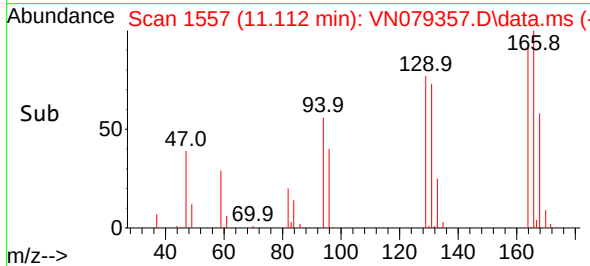
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



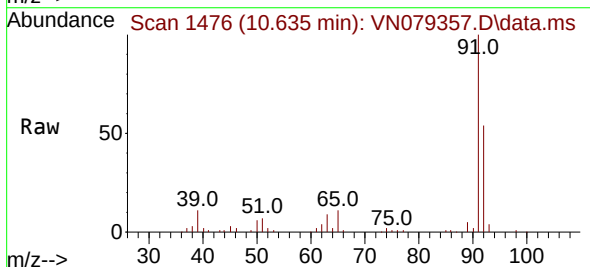
Tgt Ion:164 Resp: 2263
Ion Ratio Lower Upper
164 100
166 109.6 98.2 147.4
129 84.4 75.0 112.4
131 80.6 76.4 114.6

Manual Integrations
APPROVED

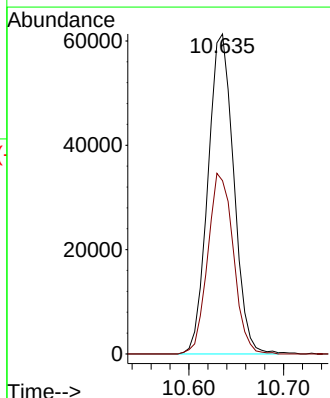
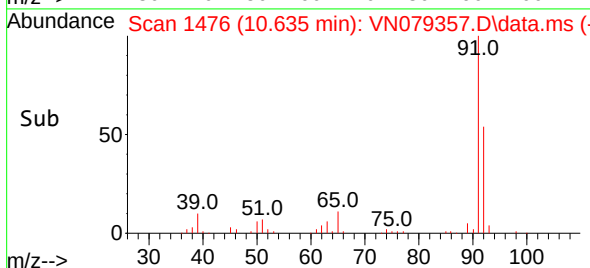
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

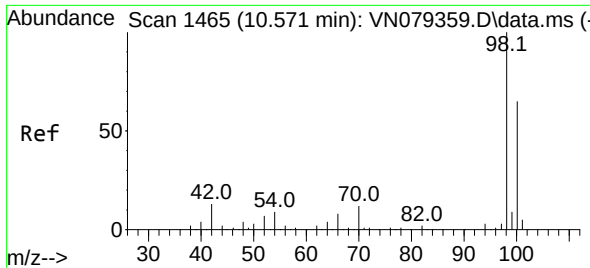


#62
Toluene
Concen: 10.063 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



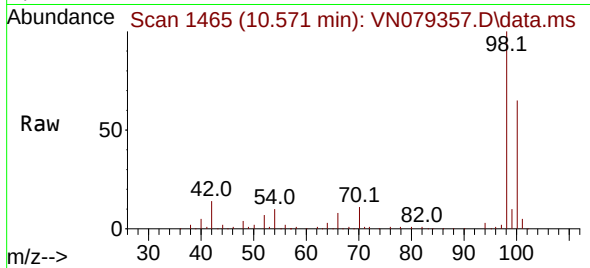
Tgt Ion: 91 Resp: 115912
Ion Ratio Lower Upper
91 100
92 56.3 45.3 67.9





#63
Toluene-d8
Concen: 30.108 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

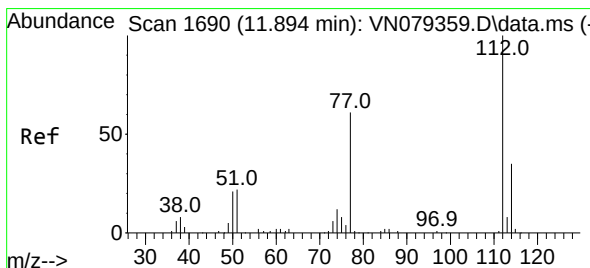
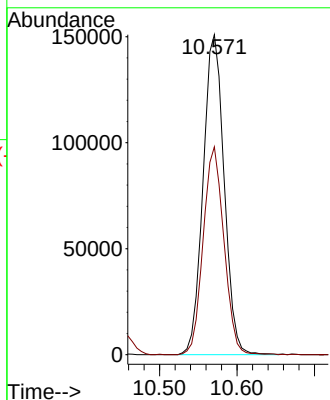
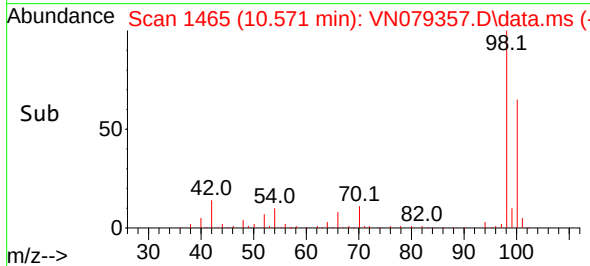
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



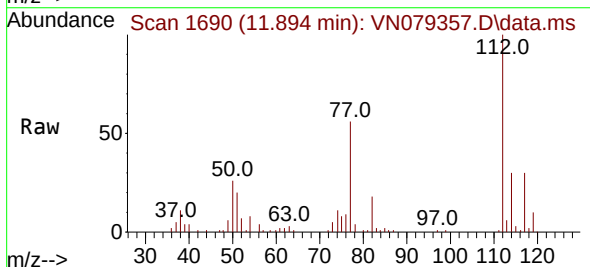
Tgt Ion: 98 Resp: 284440
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

Manual Integrations
APPROVED

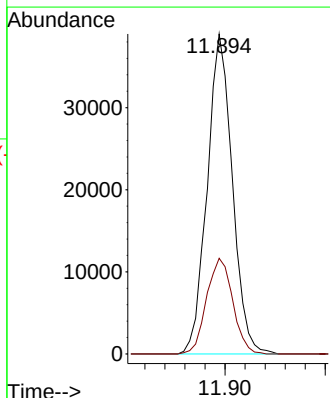
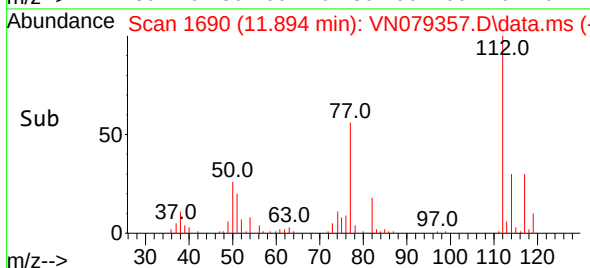
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

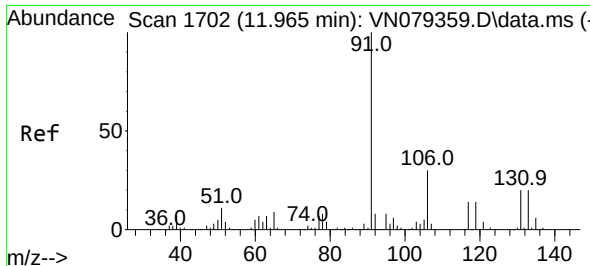


#64
Chlorobenzene
Concen: 10.278 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



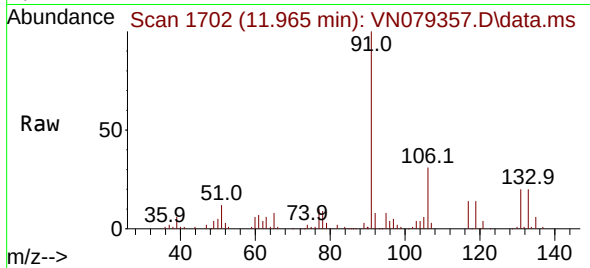
Tgt Ion:112 Resp: 67950
Ion Ratio Lower Upper
112 100
114 29.9 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 10.047 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

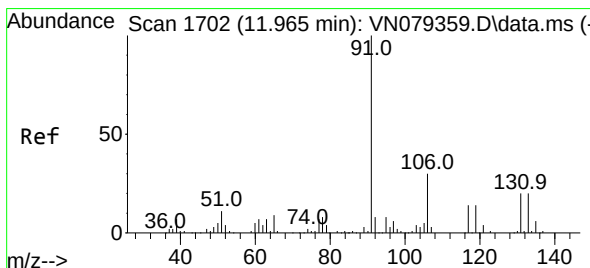
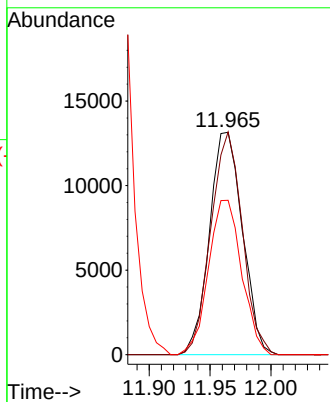
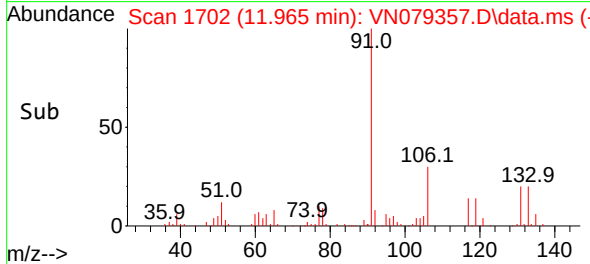
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:131 Resp: 2484
Ion Ratio Lower Upper
131 100
133 95.4 0.0 196.0
119 69.6 0.0 135.6

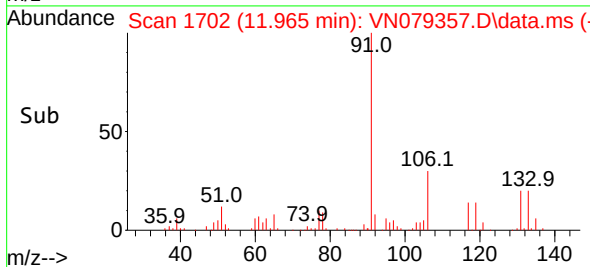
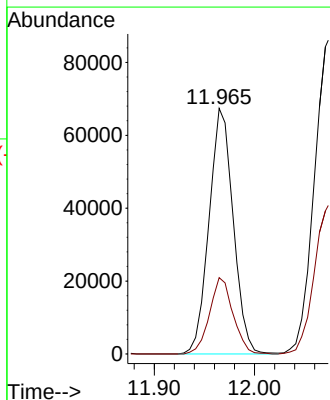
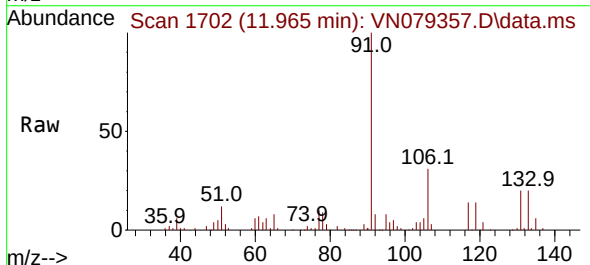
Manual Integrations
APPROVED

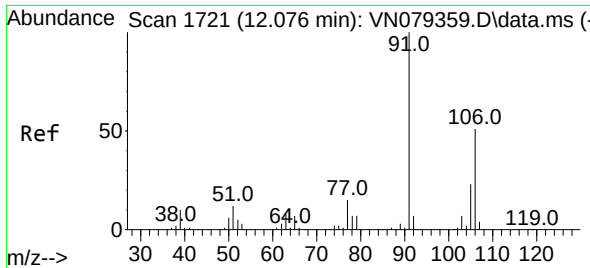
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 9.709 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 91 Resp: 113116
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8





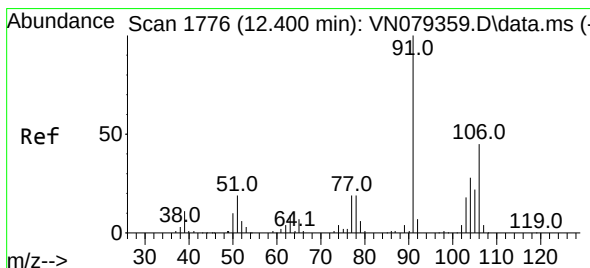
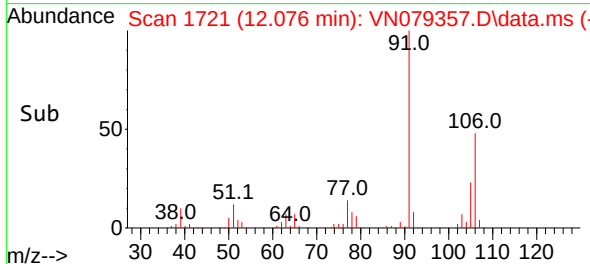
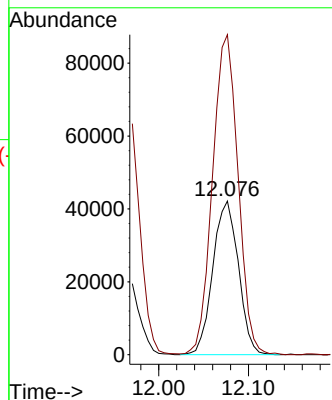
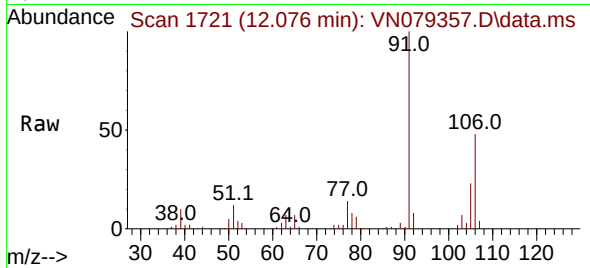
#67
m/p-Xylenes
Concen: 19.368 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 83430
Ion Ratio Lower Upper
106 100
91 206.3 161.8 242.6

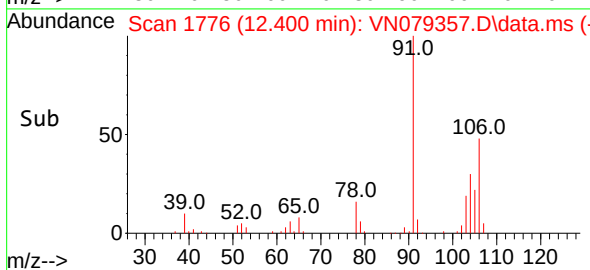
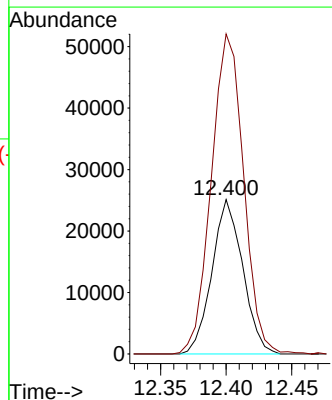
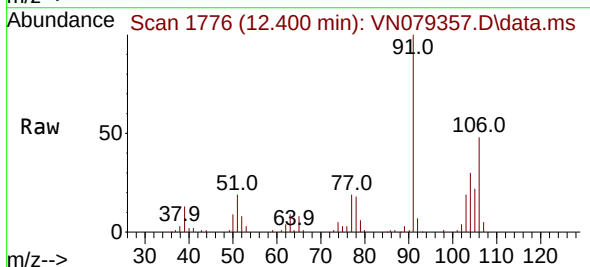
Manual Integrations
APPROVED

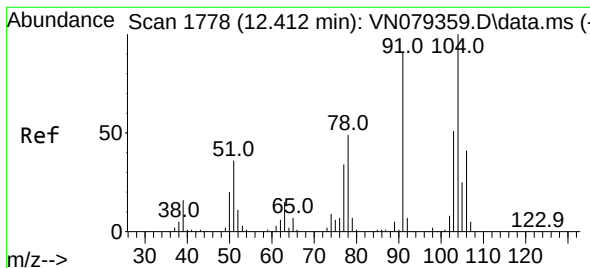
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 9.896 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion:106 Resp: 41025
Ion Ratio Lower Upper
106 100
91 216.8 109.9 329.7





#69

Styrene

Concen: 9.554 ug/l

RT: 12.418 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

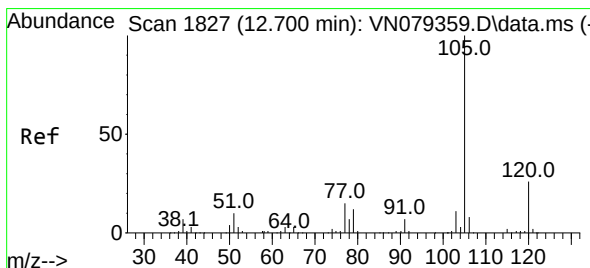
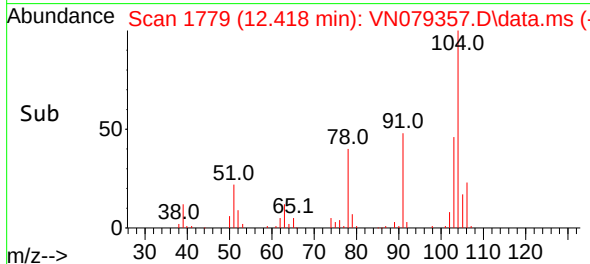
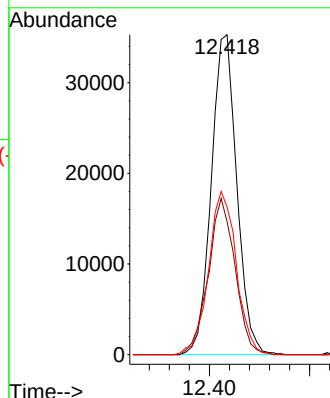
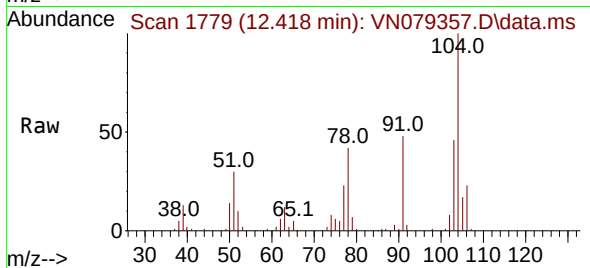
Tgt Ion:104 Resp: 62380
 Ion Ratio Lower Upper
 104 100
 78 51.1 41.2 61.8
 103 55.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#70

Isopropylbenzene

Concen: 9.724 ug/l

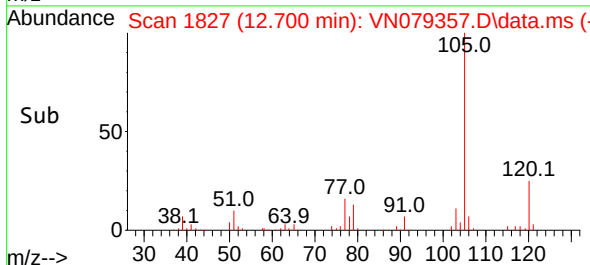
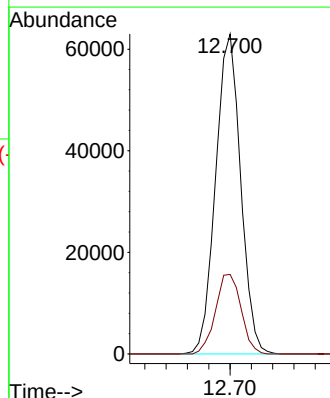
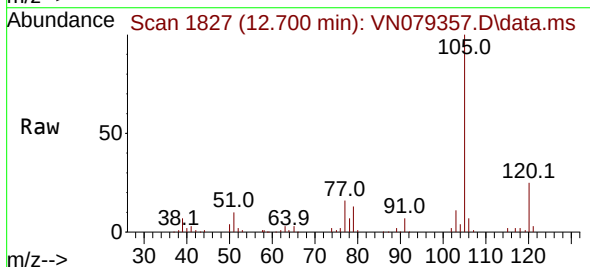
RT: 12.700 min Scan# 1827

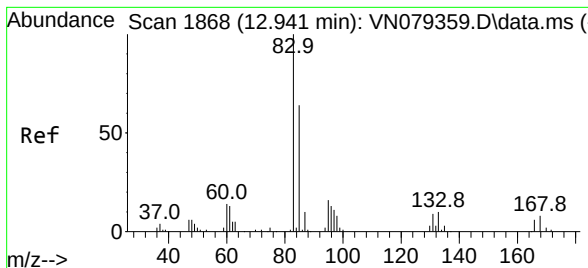
Delta R.T. 0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

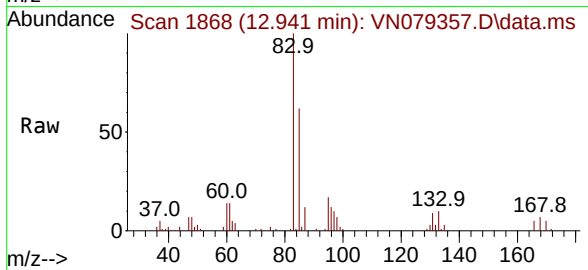
Tgt Ion:105 Resp: 102549
 Ion Ratio Lower Upper
 105 100
 120 25.4 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 10.203 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

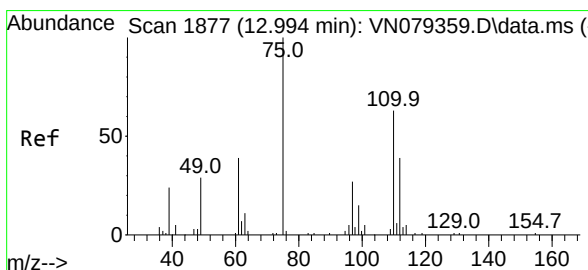
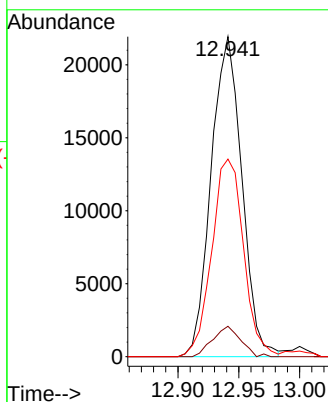
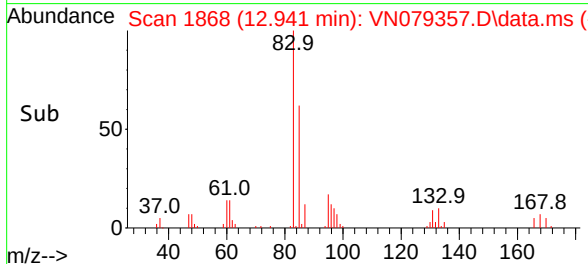
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 3855
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.4
85 63.8 32.1 96.3

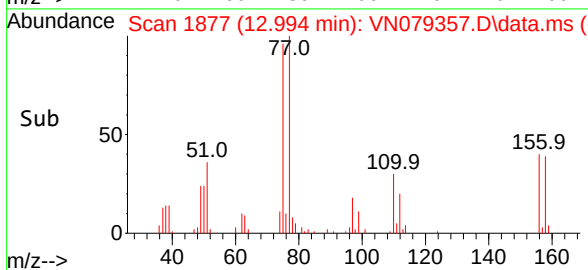
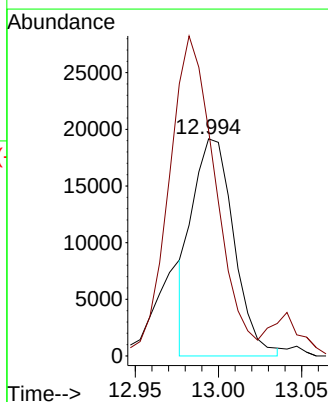
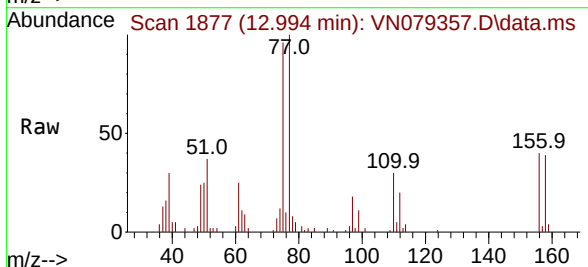
Manual Integrations
APPROVED

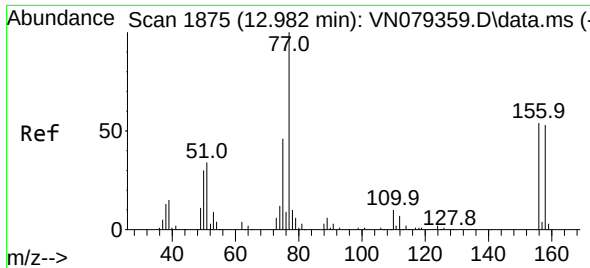
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#72
1,2,3-Trichloropropane
Concen: 8.662 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

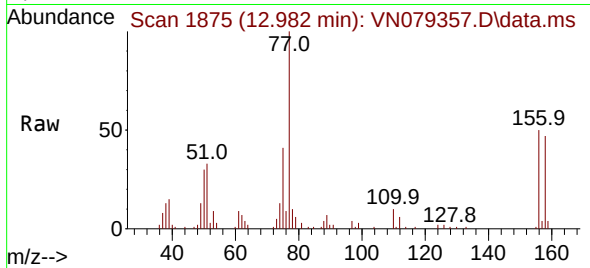
Tgt Ion: 75 Resp: 33308
Ion Ratio Lower Upper
75 100
77 165.3 0.0 338.2





#73
Bromobenzene
Concen: 9.458 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

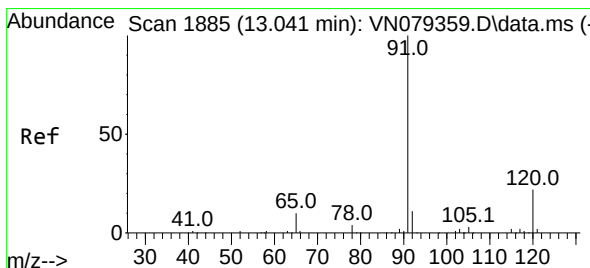
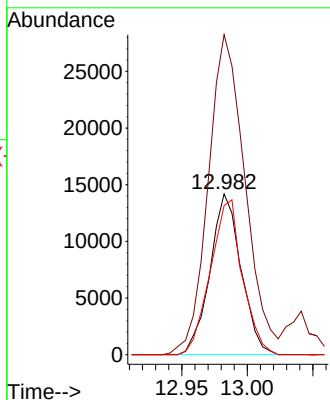
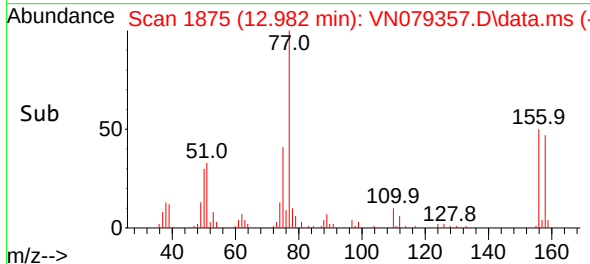
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



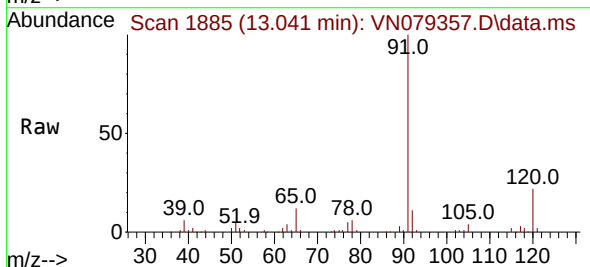
Tgt Ion:156 Resp: 23358
Ion Ratio Lower Upper
156 100
77 235.8 0.0 448.2
158 99.1 0.0 194.8

Manual Integrations
APPROVED

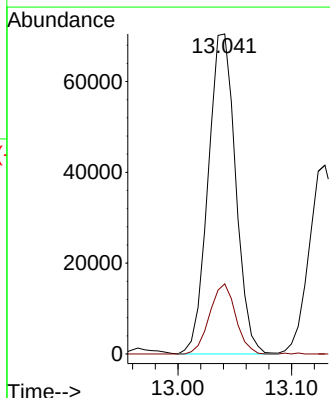
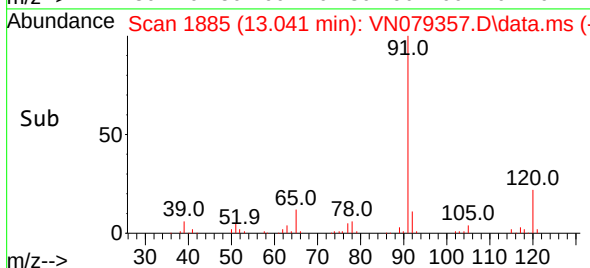
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

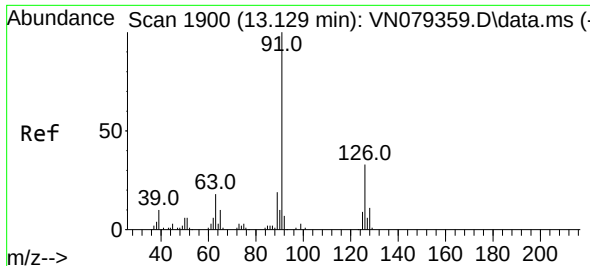


#74
n-propylbenzene
Concen: 9.511 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



Tgt Ion: 91 Resp: 118739
Ion Ratio Lower Upper
91 100
120 20.6 0.0 42.0





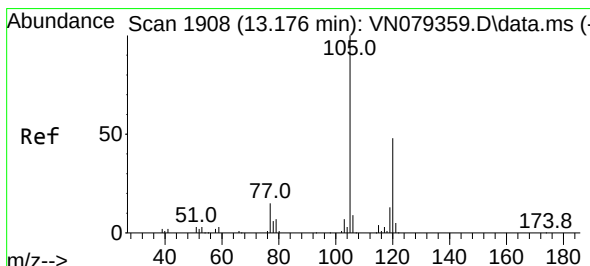
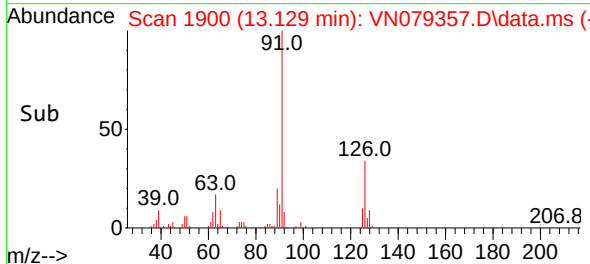
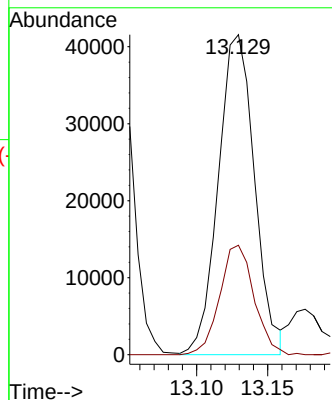
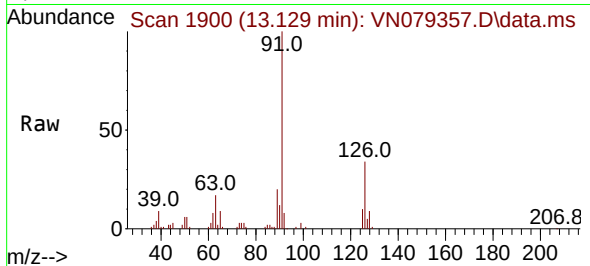
#75
2-Chlorotoluene
Concen: 9.678 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 7377
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.6

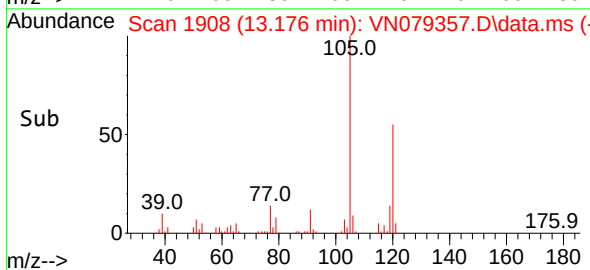
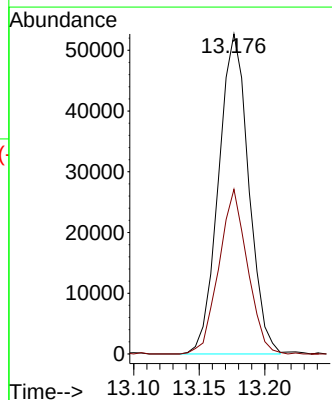
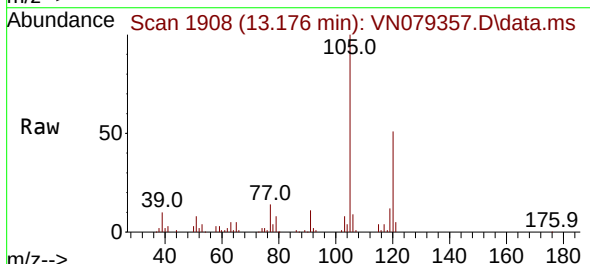
Manual Integrations
APPROVED

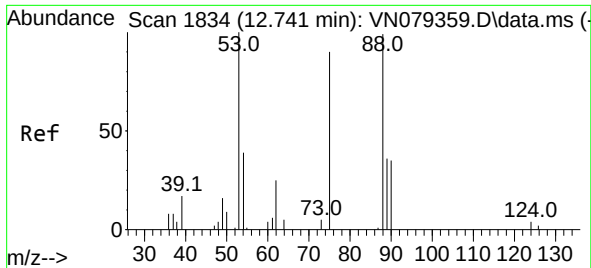
Reviewed By :John Carbone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 9.596 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

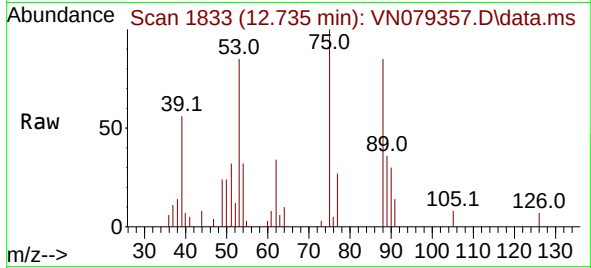
Tgt Ion:105 Resp: 84110
Ion Ratio Lower Upper
105 100
120 48.8 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 9.615 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

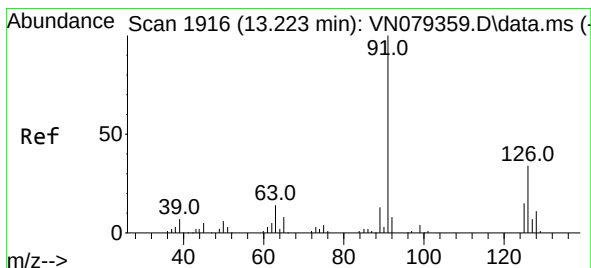
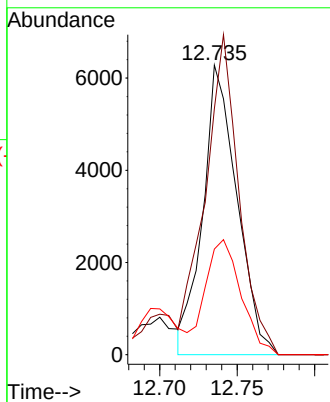
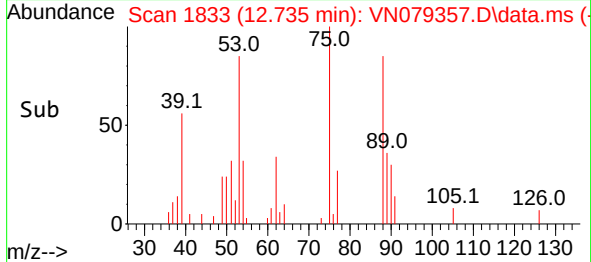
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



Tgt Ion: 75 Resp: 9628
Ion Ratio Lower Upper
75 100
53 84.9 53.0 159.1
89 36.5 22.6 67.7

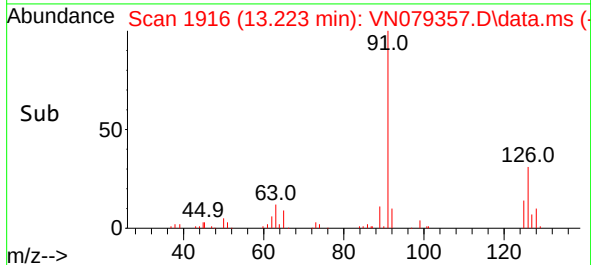
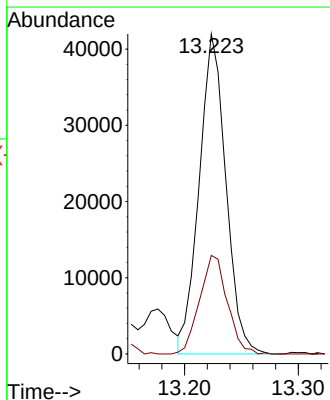
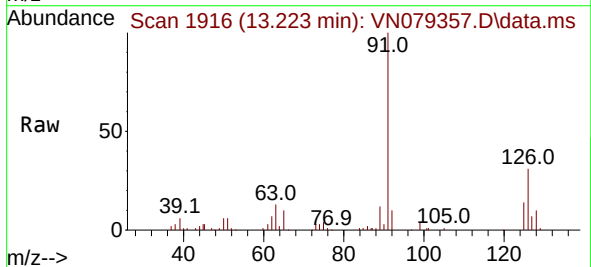
Manual Integrations
APPROVED

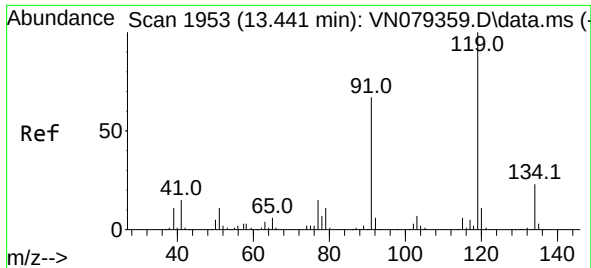
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 9.663 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion: 91 Resp: 68450
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4





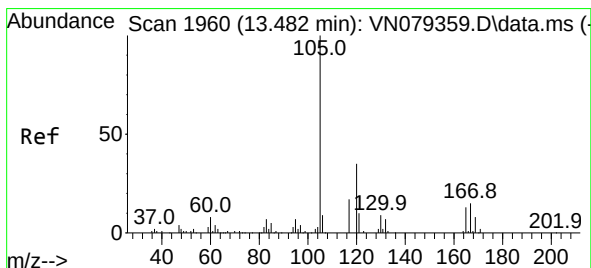
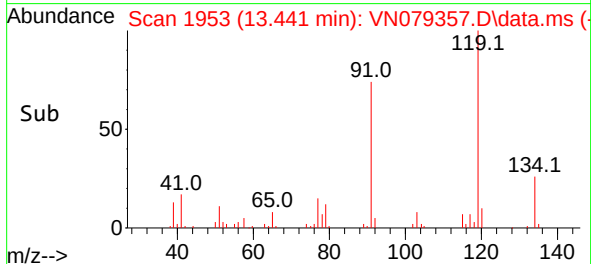
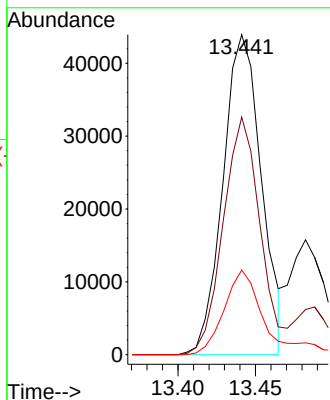
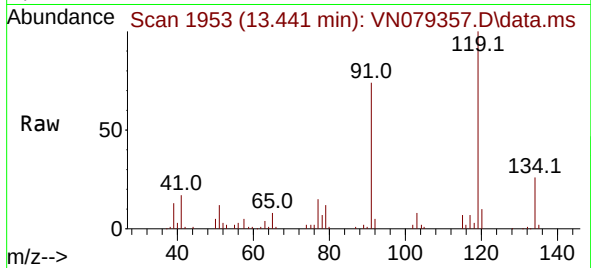
#79
tert-butylbenzene
Concen: 10.445 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 75840
Ion Ratio Lower Upper
119 100
91 71.8 0.0 140.6
134 25.7 0.0 49.8

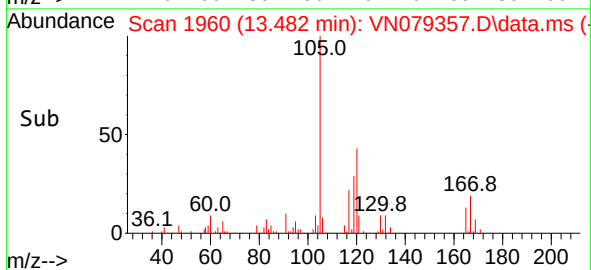
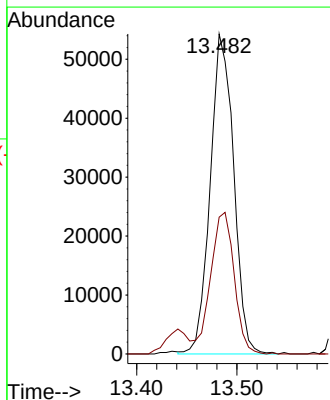
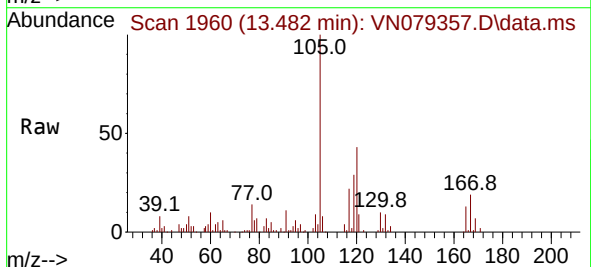
Manual Integrations
APPROVED

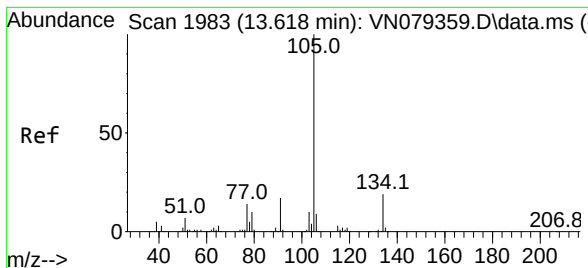
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 10.292 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

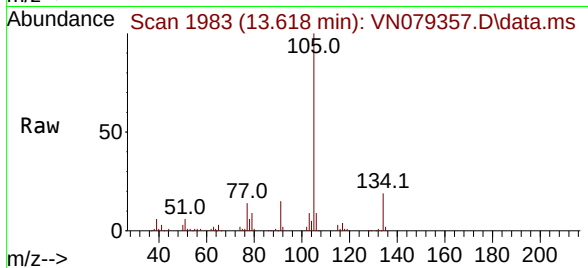
Tgt Ion:105 Resp: 88243
Ion Ratio Lower Upper
105 100
120 44.8 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 10.163 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36

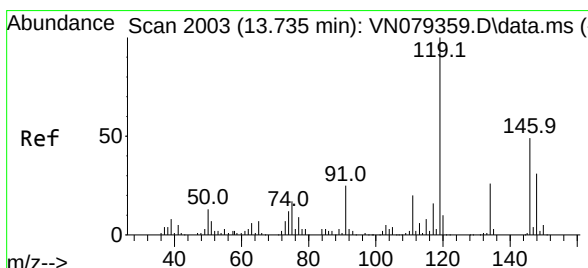
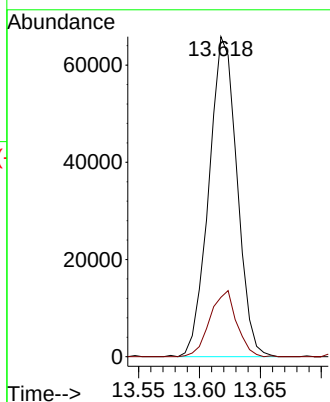
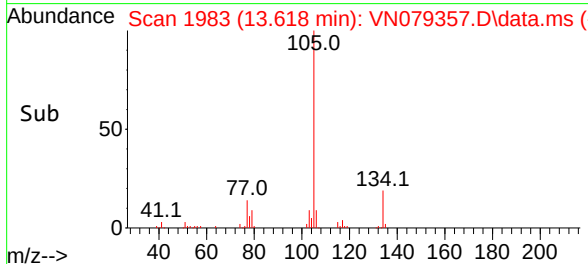
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



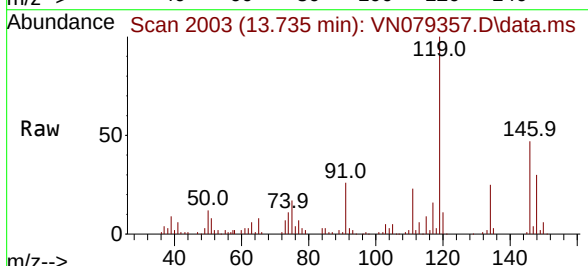
Tgt Ion:105 Resp: 105870
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.2

Manual Integrations
 APPROVED

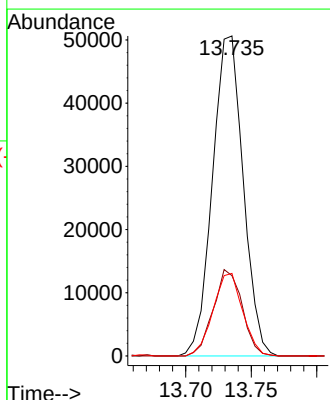
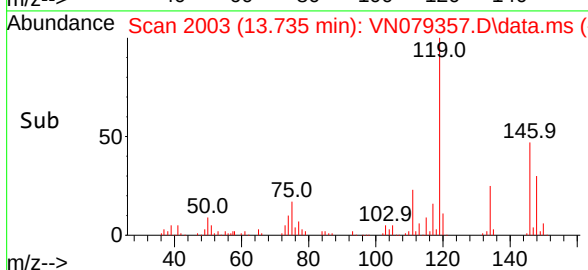
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023

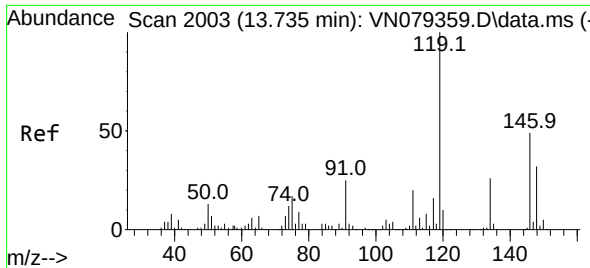


#82
 p-Isopropyltoluene
 Concen: 9.982 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079357.D
 Acq: 27 Sep 2023 10:36



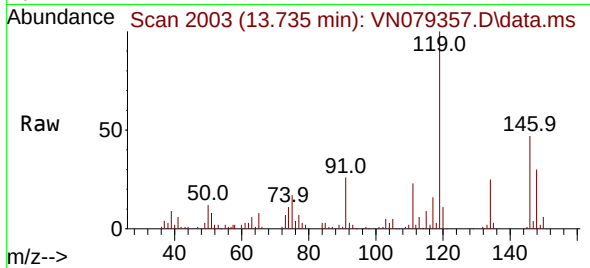
Tgt Ion:119 Resp: 82441
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.2
 91 24.9 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 9.905 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

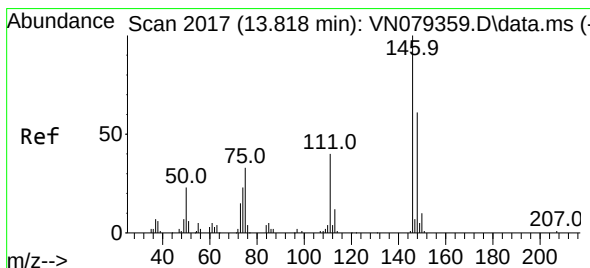
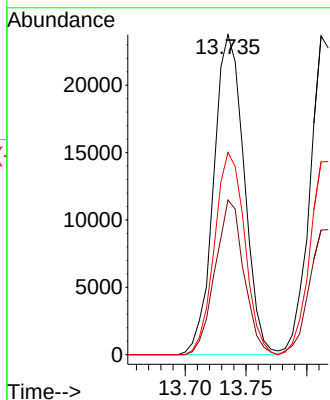
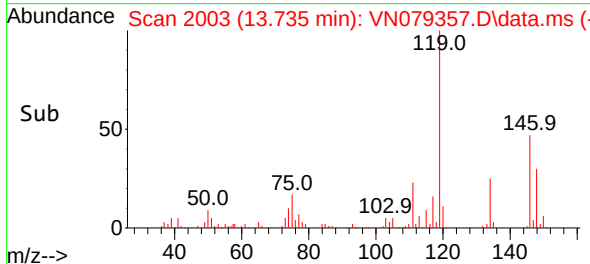
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



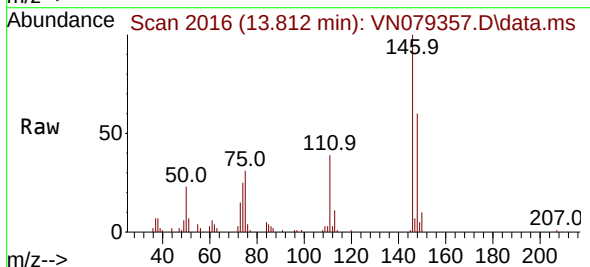
Tgt Ion:146 Resp: 41362
Ion Ratio Lower Upper
146 100
111 45.5 21.0 63.0
148 62.6 32.4 97.0

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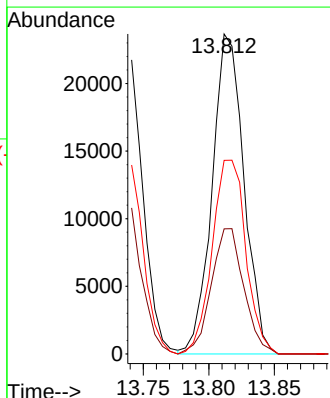
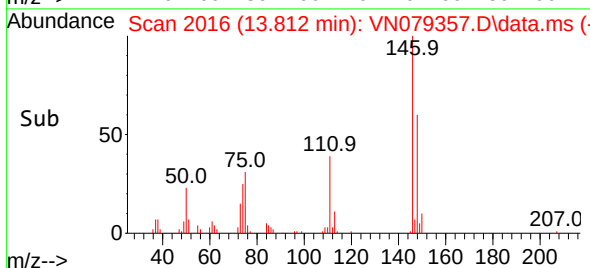
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

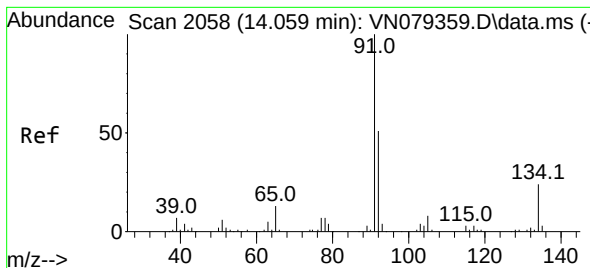


#84
1,4-Dichlorobenzene
Concen: 10.198 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36



Tgt Ion:146 Resp: 39911
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 64.1 32.6 97.7





#85

n-Butylbenzene

Concen: 9.526 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

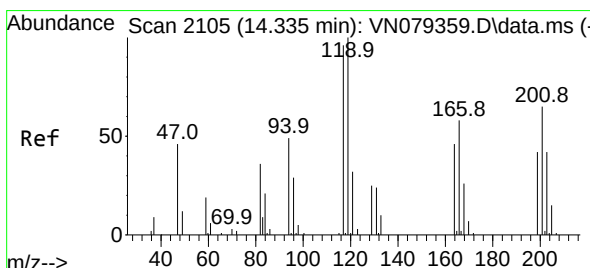
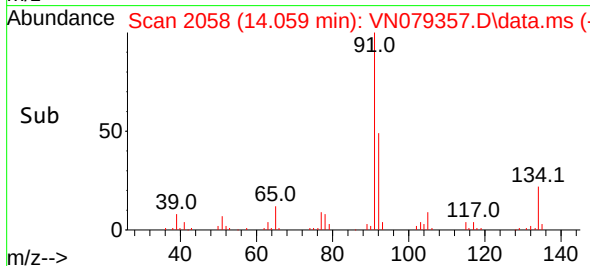
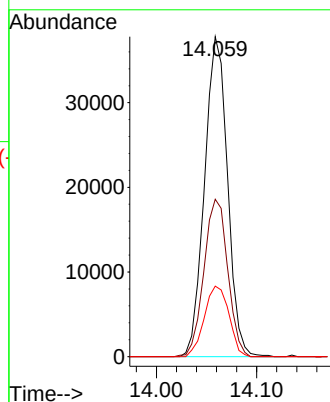
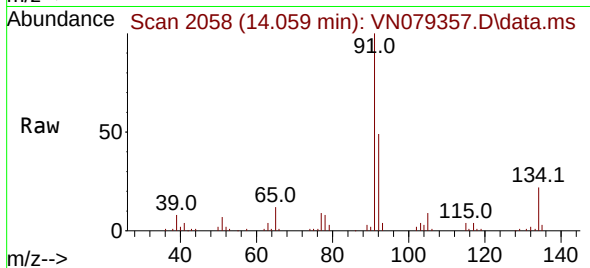
Tgt Ion: 91	Resp: 6032
Ion Ratio	Lower Upper
91 100	
92 50.8	0.0 99.6
134 23.6	0.0 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#86

Hexachloroethane

Concen: 10.499 ug/l

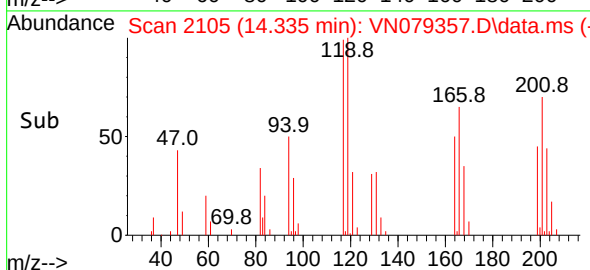
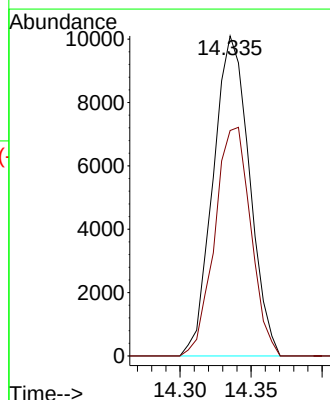
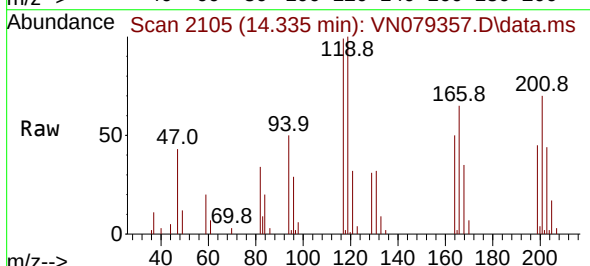
RT: 14.335 min Scan# 2105

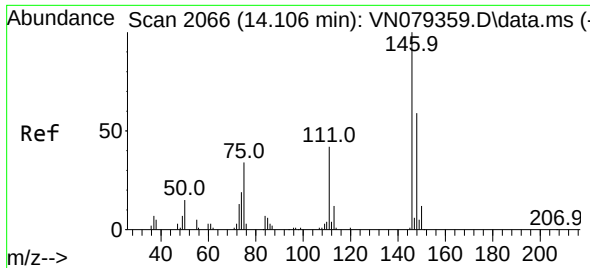
Delta R.T. 0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Tgt Ion: 117	Resp: 17966
Ion Ratio	Lower Upper
117 100	
201 70.9	32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 10.488 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

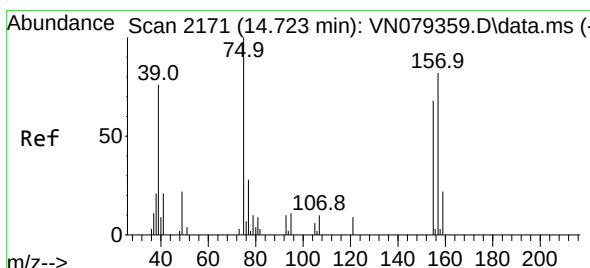
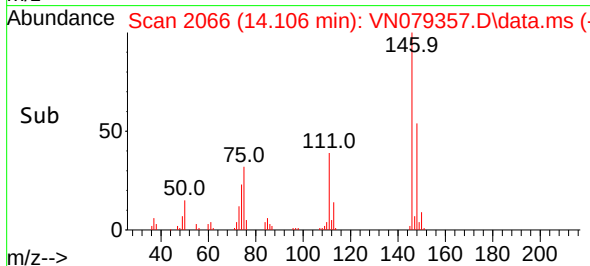
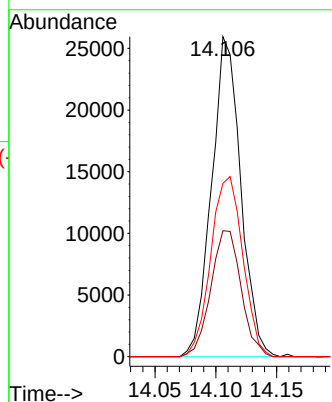
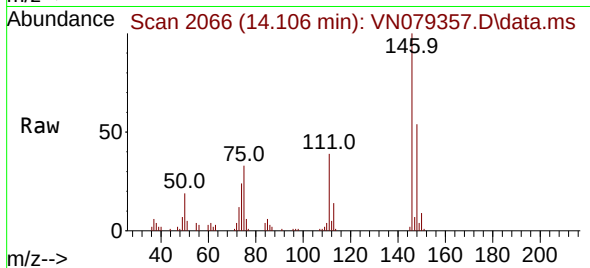
Tgt Ion:	146	Resp:	4325
Ion Ratio	Lower	Upper	
146	100		
111	41.0	22.0	66.0
148	61.7	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 10.353 ug/l

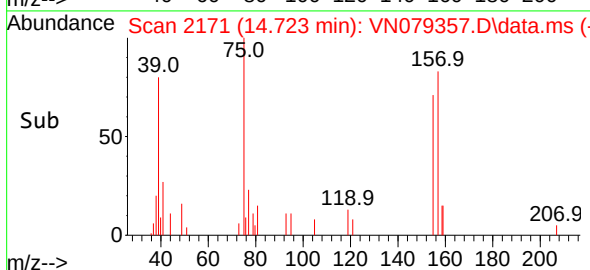
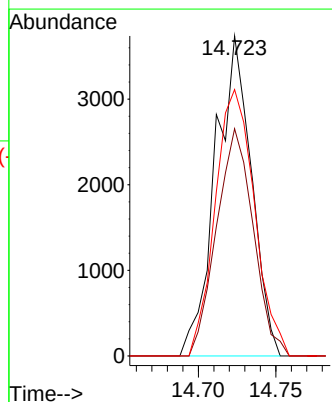
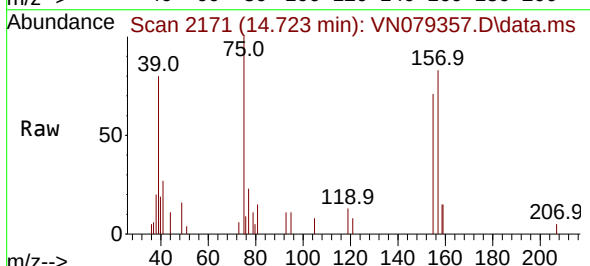
RT: 14.723 min Scan# 2171

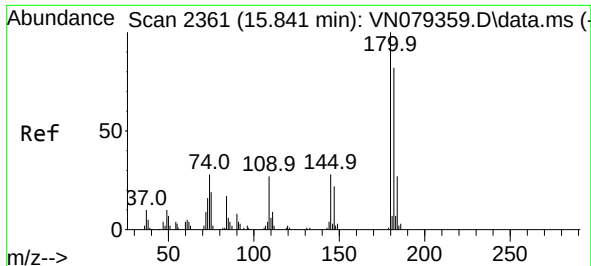
Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

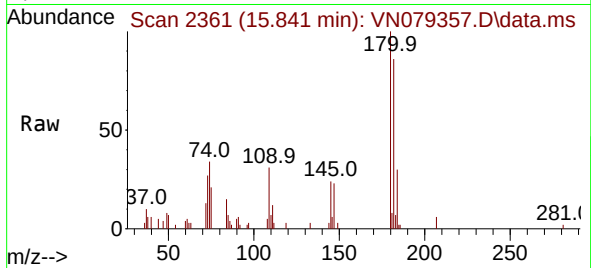
Tgt Ion:	75	Resp:	6035
Ion Ratio	Lower	Upper	
75	100		
155	72.4	60.7	91.1
157	90.7	76.8	115.2





#89
1,2,4-Trichlorobenzene
Concen: 9.560 ug/l m
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

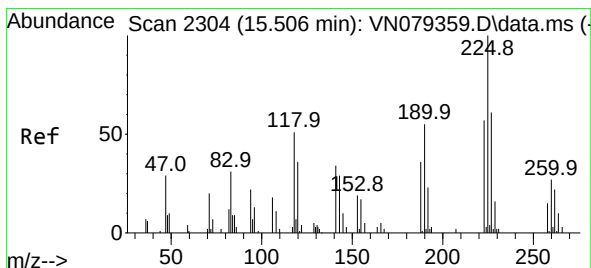
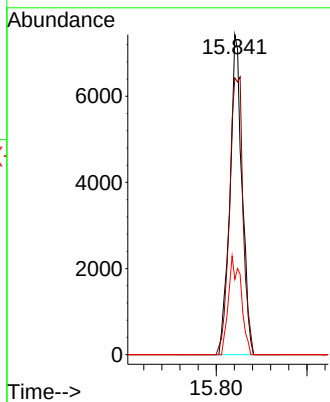
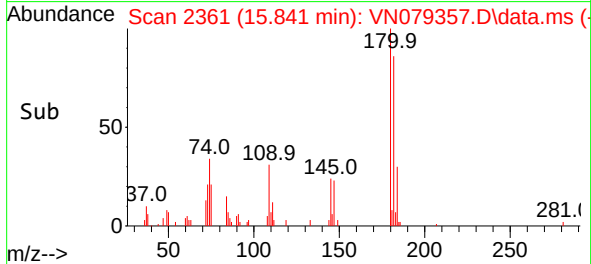
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:180 Resp: 1376
Ion Ratio Lower Upper
180 100
182 70.6 74.2 111.4
145 25.2 25.4 38.2

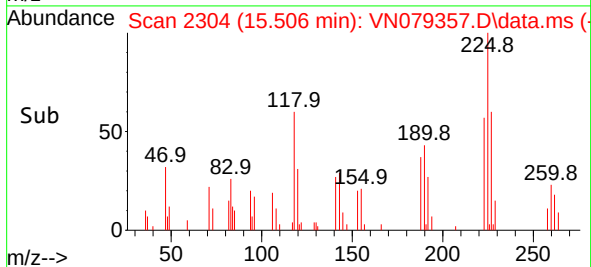
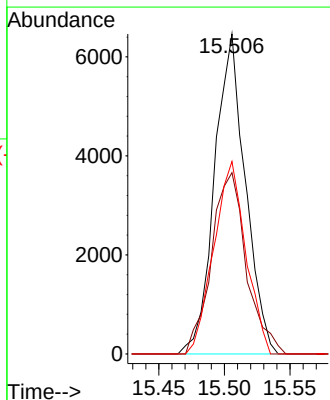
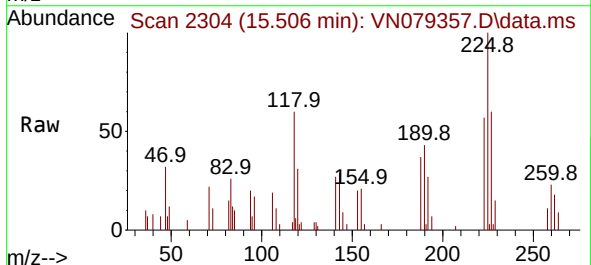
Manual Integrations
APPROVED

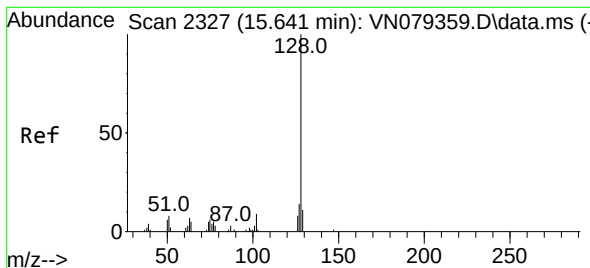
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#90
Hexachlorobutadiene
Concen: 9.620 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079357.D
Acq: 27 Sep 2023 10:36

Tgt Ion:225 Resp: 10560
Ion Ratio Lower Upper
225 100
223 64.0 0.0 126.0
227 62.6 0.0 127.0





#91

Naphthalene

Concen: 8.565 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

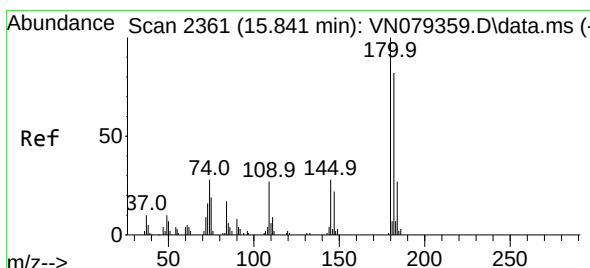
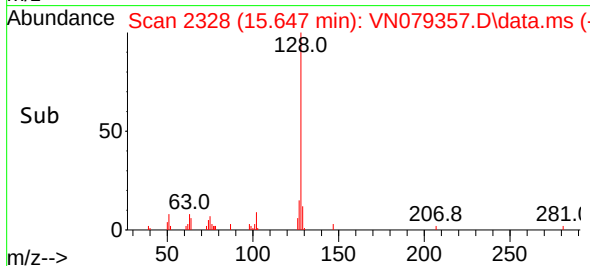
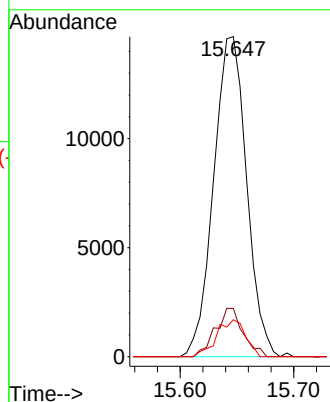
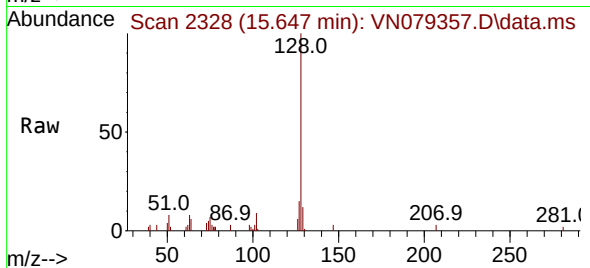
Tgt Ion:128	Resp:	29578
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.9 16.3
129	10.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#92

1,2,3-Trichlorobenzene

Concen: 9.041 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079357.D

Acq: 27 Sep 2023 10:36

Tgt Ion:180	Resp:	13768
Ion Ratio	Lower	Upper
180	100	
182	97.5	0.0 185.6
145	17.8	0.0 63.6

