

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079638.D
 Acq On : 23 Oct 2023 10:50
 Operator : JC\MD
 Sample : VN1023WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 23 23:46:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	252689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	452044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211783	51.690	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	8.171	113	168564	51.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	10.571	98	627129	53.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.853	95	194470	51.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	61932	17.104	ug/l	97
3) Chloromethane	2.365	50	74733	16.541	ug/l	99
4) Vinyl Chloride	2.518	62	81360	17.313	ug/l	96
5) Bromomethane	2.959	94	45916	16.321	ug/l	99
6) Chloroethane	3.124	64	54579	15.405	ug/l	96
7) Trichlorofluoromethane	3.506	101	100806	18.168	ug/l	96
8) Diethyl Ether	3.965	74	34758	17.571	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	57608	17.766	ug/l	99
10) Methyl Iodide	4.595	142	58279	20.713	ug/l	98
11) Tert butyl alcohol	5.518	59	42981	69.700	ug/l	99
12) 1,1-Dichloroethene	4.342	96	51371	17.207	ug/l #	80
13) Acrolein	4.183	56	65094	106.013	ug/l	96
14) Allyl chloride	5.030	41	79636	16.529	ug/l #	90
15) Acrylonitrile	5.724	53	151732	84.872	ug/l	98
16) Acetone	4.436	43	151423	93.179	ug/l	96
17) Carbon Disulfide	4.712	76	144254	15.490	ug/l	95
18) Methyl Acetate	5.030	43	127032	15.971	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	176671	18.212	ug/l #	91
20) Methylene Chloride	5.283	84	66719	18.368	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	55960	16.048	ug/l #	69
22) Diisopropyl ether	6.671	45	205559	19.027	ug/l #	86
23) Vinyl Acetate	6.612	43	511366	84.148	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	122995	18.602	ug/l	96
25) 2-Butanone	7.483	43	204533	84.800	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	95502	18.900	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	69046	18.227	ug/l	84
28) Bromochloromethane	7.818	49	62127	19.748	ug/l #	74
29) Tetrahydrofuran	7.841	42	124015	79.501	ug/l #	77
30) Chloroform	7.971	83	123309	18.458	ug/l	97
31) Cyclohexane	8.259	56	97850	16.837	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	105284	18.727	ug/l	94
36) 1,1-Dichloropropene	8.377	75	88367	18.124	ug/l	94
37) Ethyl Acetate	7.565	43	82764	17.060	ug/l #	89
38) Carbon Tetrachloride	8.371	117	87492	17.925	ug/l	99
39) Methylcyclohexane	9.606	83	78066	16.665	ug/l #	84
40) Benzene	8.612	78	268683	18.556	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44794	17.563	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	96383	18.319	ug/l	97
43) Isopropyl Acetate	8.694	43	130379	15.340	ug/l #	91
44) Trichloroethene	9.359	130	63331	18.583	ug/l	94
45) 1,2-Dichloropropane	9.624	63	71829	18.828	ug/l	99
46) Dibromomethane	9.712	93	46779	18.932	ug/l	94
47) Bromodichloromethane	9.894	83	97398	19.163	ug/l	99
48) Methyl methacrylate	9.682	41	60561	16.628	ug/l #	82
49) 1,4-Dioxane	9.700	88	20405	304.155	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	413386	86.159	ug/l	89
52) Toluene	10.635	92	160512	18.832	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	92477	18.055	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	100745	17.967	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	66177	19.340	ug/l	97
56) Ethyl methacrylate	10.876	69	84547	17.981	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	112530	19.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	183198	101.736	ug/l	90
59) 2-Hexanone	11.200	43	297083	85.807	ug/l	87
60) Dibromochloromethane	11.365	129	67736	19.696	ug/l	99
61) 1,2-Dibromoethane	11.471	107	63506	18.701	ug/l	94
64) Tetrachloroethene	11.106	164	48830	17.509	ug/l	96
65) Chlorobenzene	11.894	112	164819	18.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	62140	18.798	ug/l	97
67) Ethyl Benzene	11.965	91	290291	18.499	ug/l	95
68) m/p-Xylenes	12.076	106	218787	38.372	ug/l	96
69) o-Xylene	12.400	106	102013	18.193	ug/l	93
70) Styrene	12.412	104	167014	18.857	ug/l	96
71) Bromoform	12.576	173	42716	17.656	ug/l #	99
73) Isopropylbenzene	12.700	105	260732	17.168	ug/l	100
74) N-amyl acetate	12.500	43	96030	15.424	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	93810	18.369	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	78527m	16.684	ug/l	
77) Bromobenzene	12.982	156	62770	16.856	ug/l	96
78) n-propylbenzene	13.041	91	304394	17.715	ug/l	98
79) 2-Chlorotoluene	13.129	91	190781	17.351	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	220150	18.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24202	14.920	ug/l #	83
82) 4-Chlorotoluene	13.223	91	183268	17.516	ug/l	99
83) tert-Butylbenzene	13.441	119	173820	17.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	212332	18.578	ug/l	100
85) sec-Butylbenzene	13.617	105	244344	17.854	ug/l	100
86) p-Isopropyltoluene	13.729	119	193152	18.397	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	105965	17.941	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	104033	17.058	ug/l	99
89) n-Butylbenzene	14.059	91	145460	17.350	ug/l	97
90) Hexachloroethane	14.335	117	40148	18.170	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	103155	17.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13549	15.428	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	24934	13.974	ug/l	97
94) Hexachlorobutadiene	15.506	225	23381	16.824	ug/l	97
95) Naphthalene	15.647	128	61572	11.300	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	29507	13.858	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

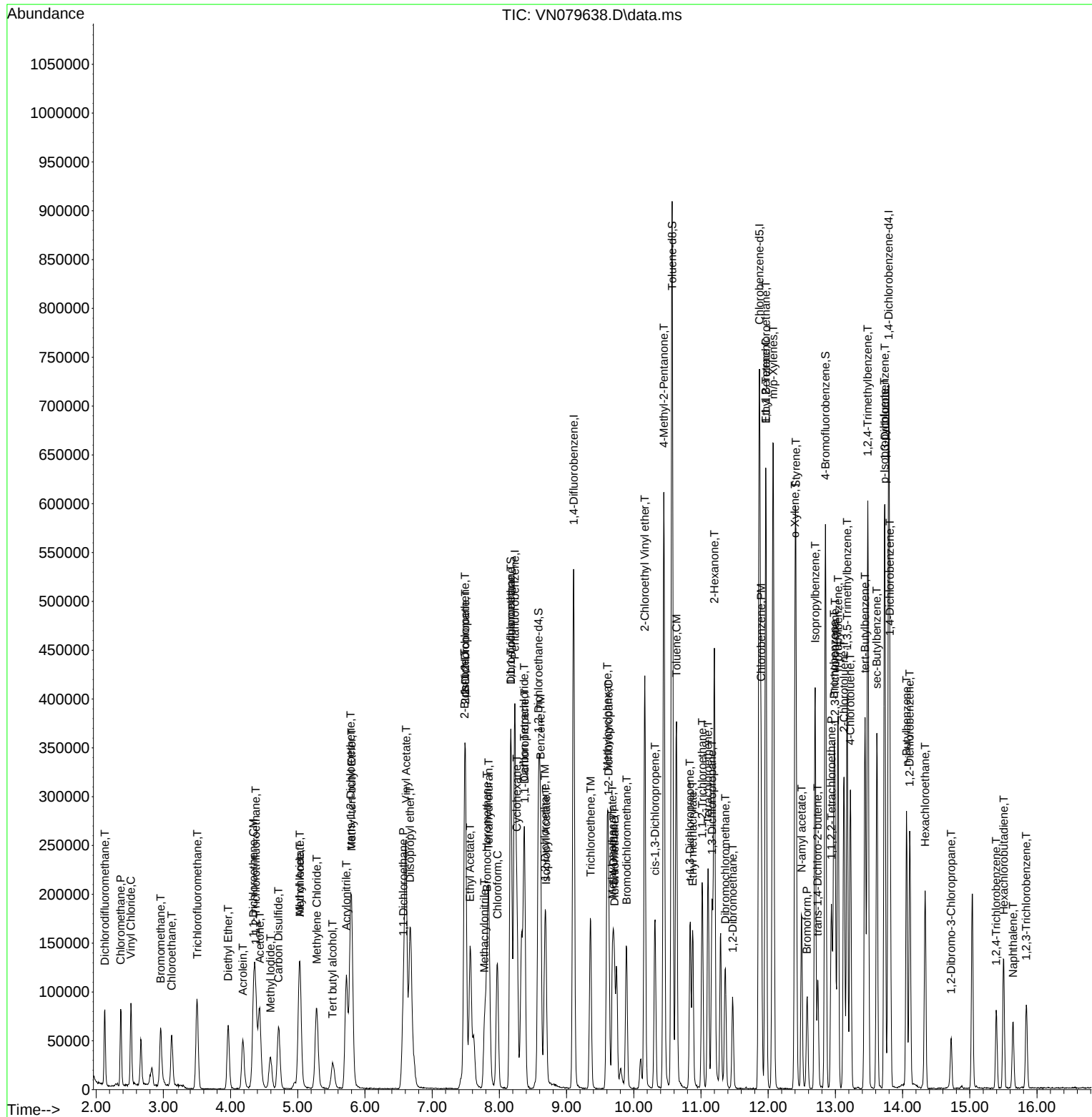
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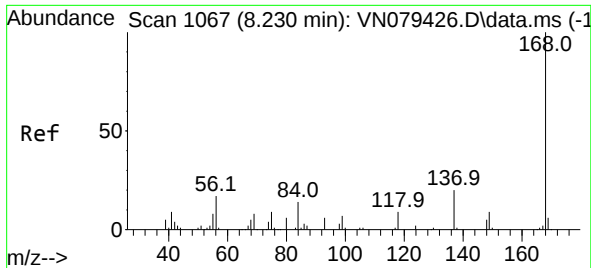
Instrument :
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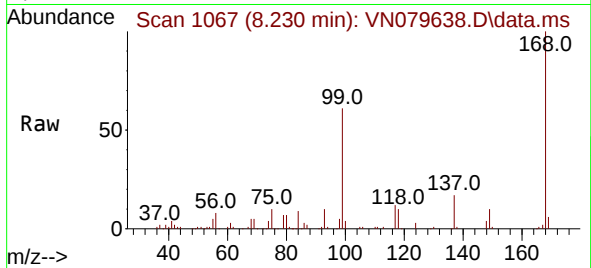
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079638.D
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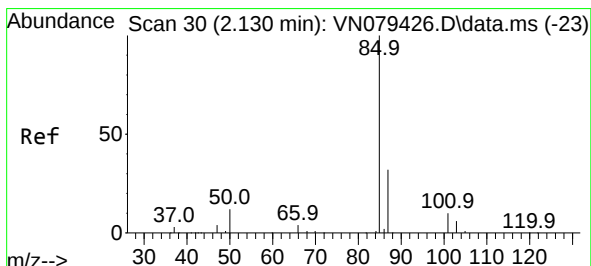
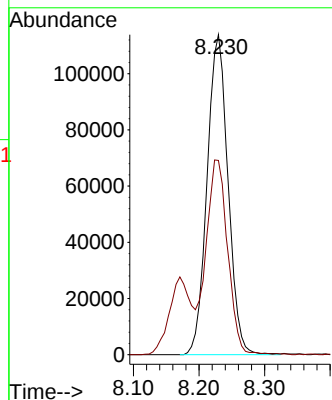
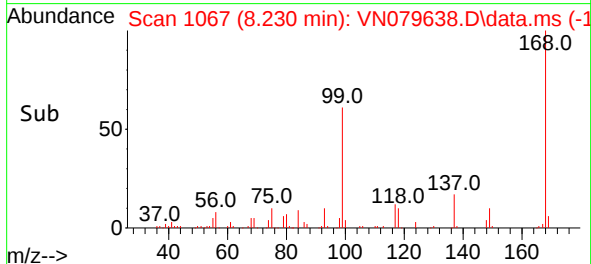
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion:168 Resp: 252689
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

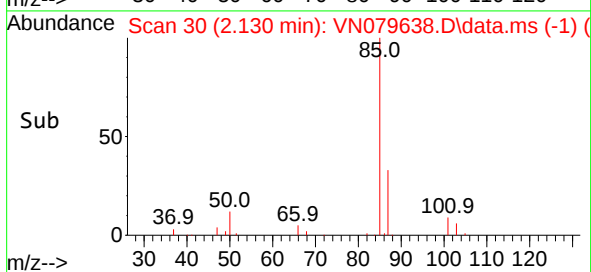
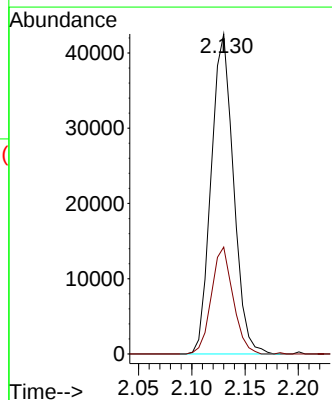
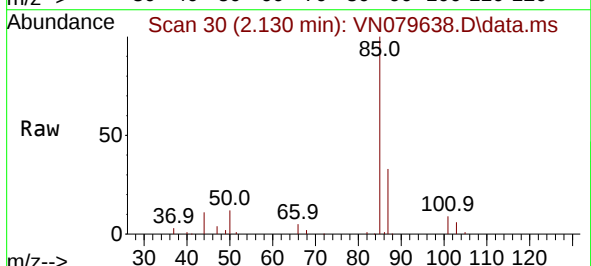
Manual Integrations
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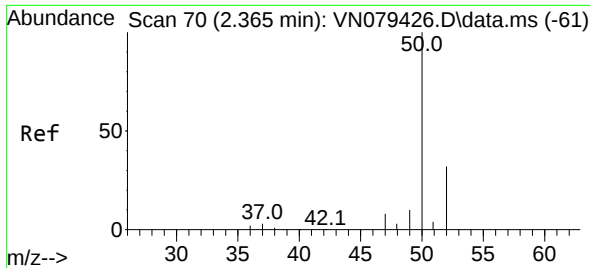
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#2
Dichlorodifluoromethane
Concen: 17.104 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 85 Resp: 61932
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





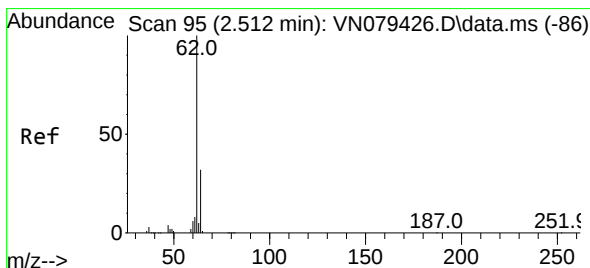
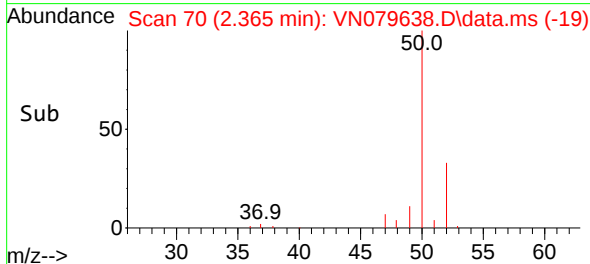
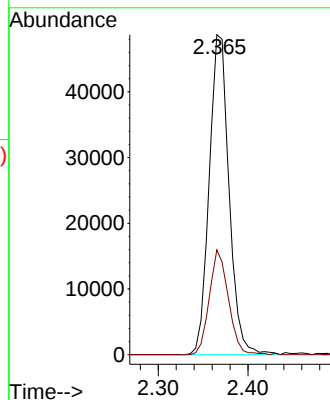
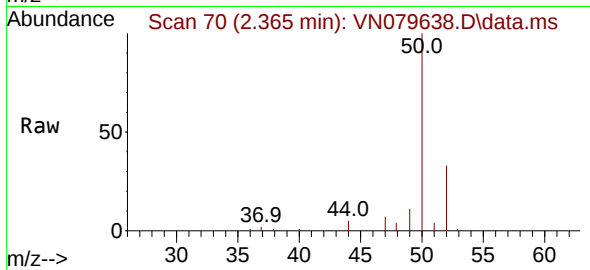
#3
Chloromethane
Concen: 16.541 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
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ClientSampleId :
VN1023WBS01

Tgt Ion: 50 Resp: 7473
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

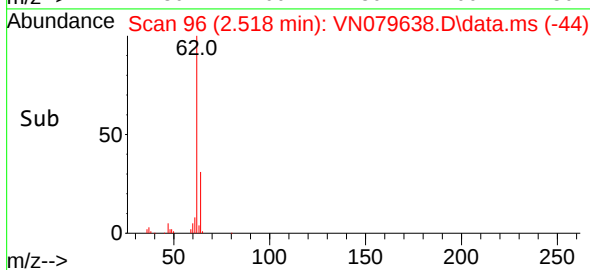
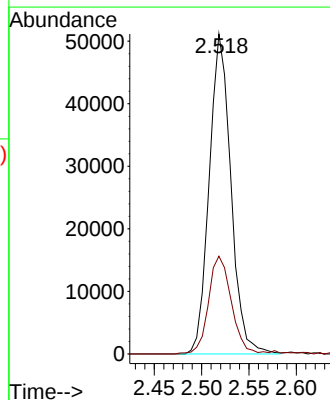
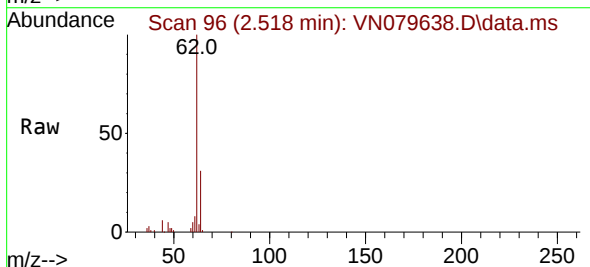
Manual Integrations
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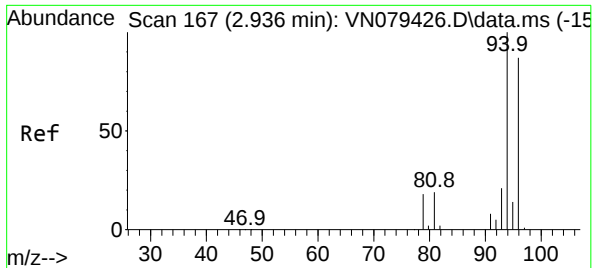
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#4
Vinyl Chloride
Concen: 17.313 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

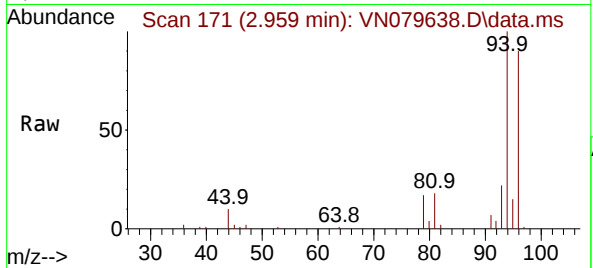
Tgt Ion: 62 Resp: 81360
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





#5
Bromomethane
Concen: 16.321 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

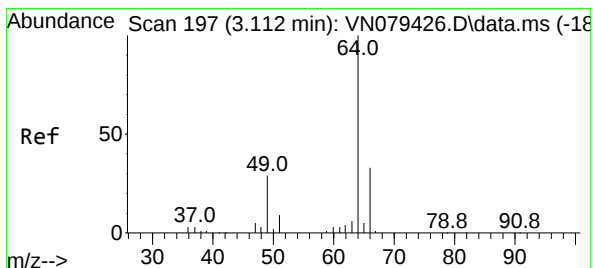
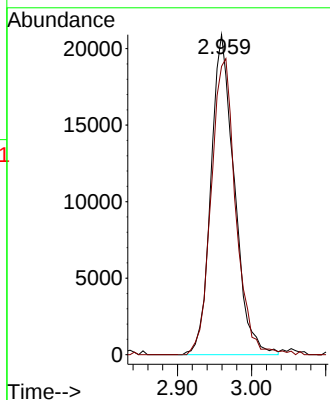
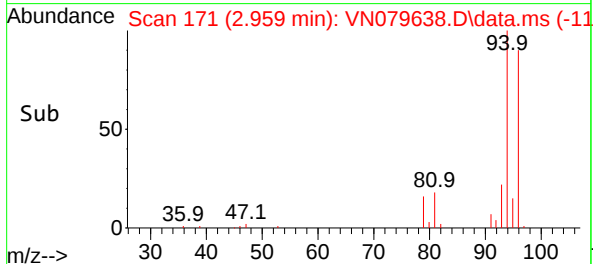
Instrument :
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Tgt Ion: 94 Resp: 45910
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

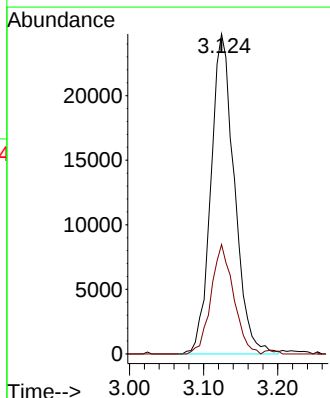
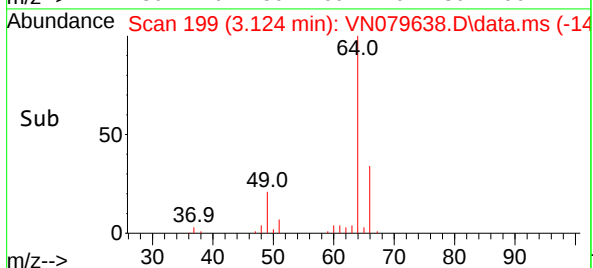
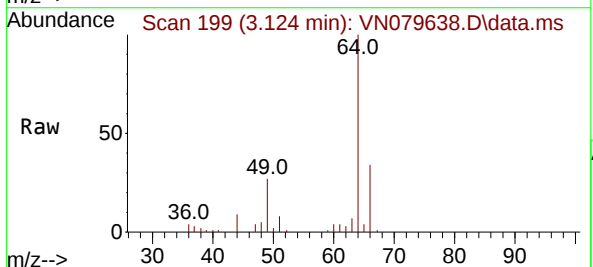
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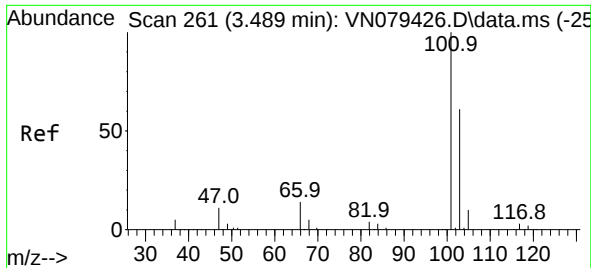
Reviewed By :John Carlone 10/24/2023
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#6
Chloroethane
Concen: 15.405 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 64 Resp: 54579
Ion Ratio Lower Upper
64 100
66 34.2 25.4 38.2





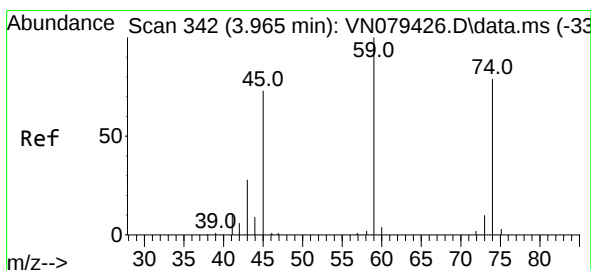
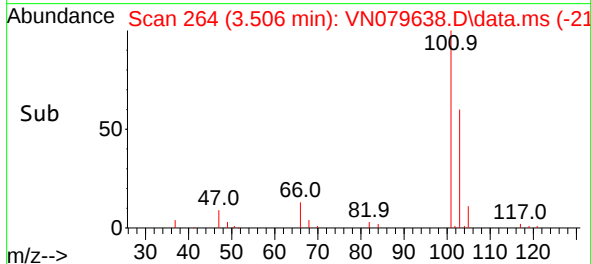
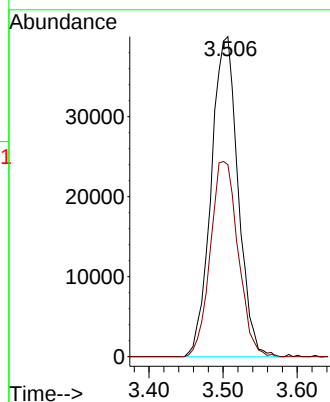
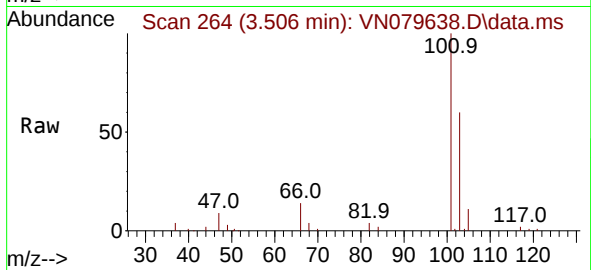
#7
Trichlorofluoromethane
Concen: 18.168 ug/l
RT: 3.506 min Scan# 261
Delta R.T. 0.018 min
Lab File: VN079638.D
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Instrument :
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Tgt Ion:101 Resp: 100800
Ion Ratio Lower Upper
101 100
103 60.0 50.7 76.1

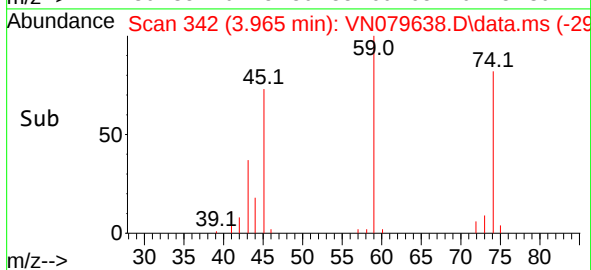
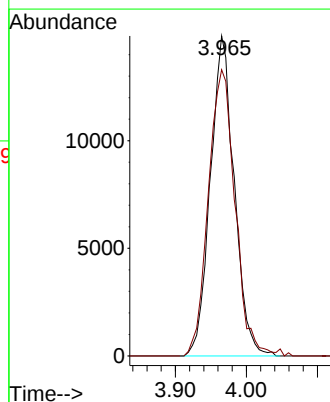
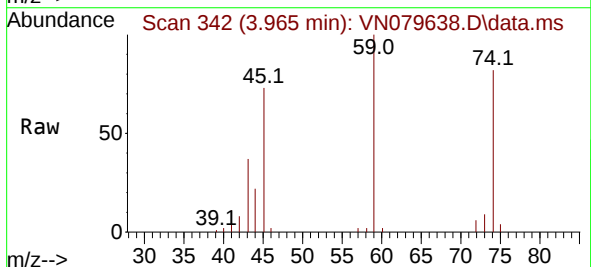
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#8
Diethyl Ether
Concen: 17.571 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 74 Resp: 34758
Ion Ratio Lower Upper
74 100
45 100.2 34.4 103.3





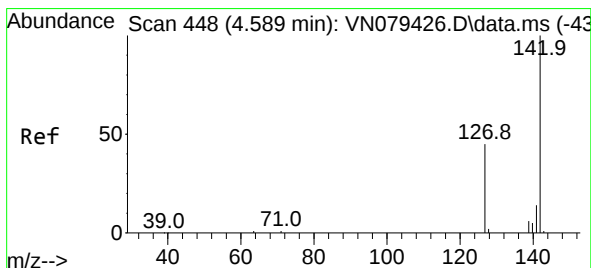
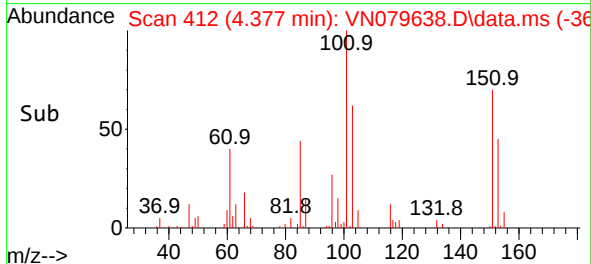
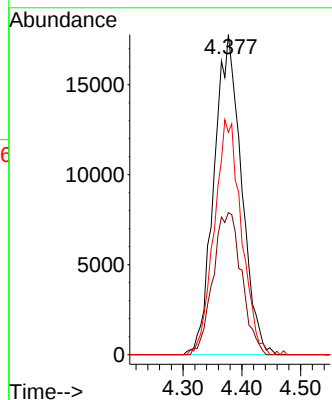
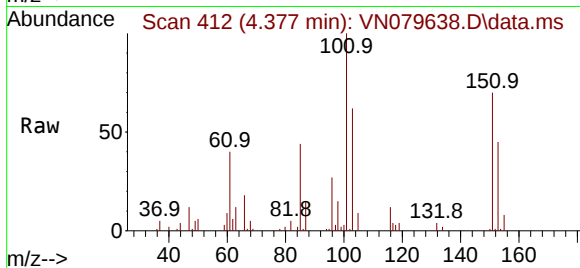
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.766 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion:101 Resp: 57608
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 72.6 57.6 86.4

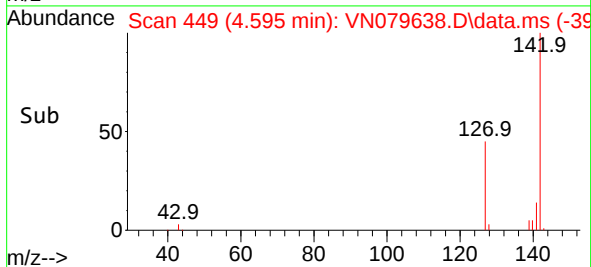
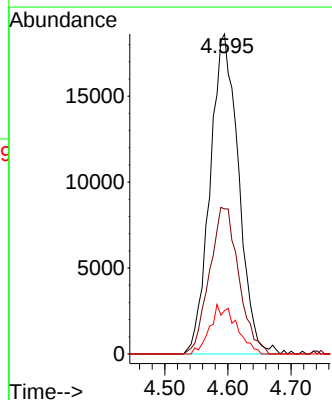
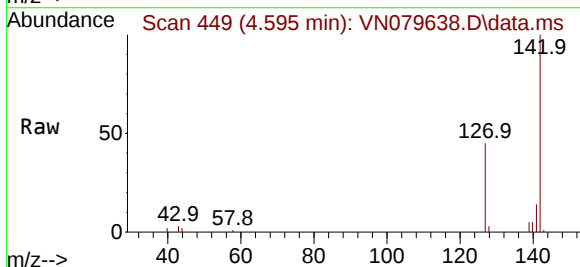
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#10
Methyl Iodide
Concen: 20.713 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:142 Resp: 58279
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 13.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 69.700 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 59 Resp: 4298

Ion Ratio Lower Upper

59 100

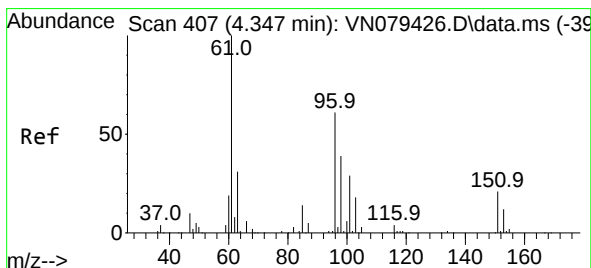
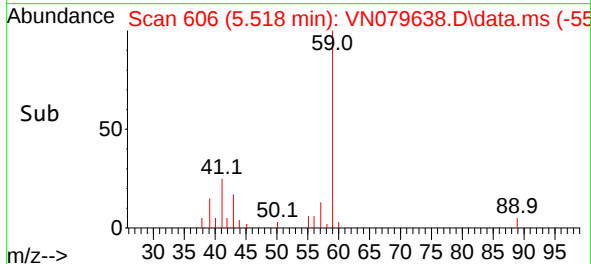
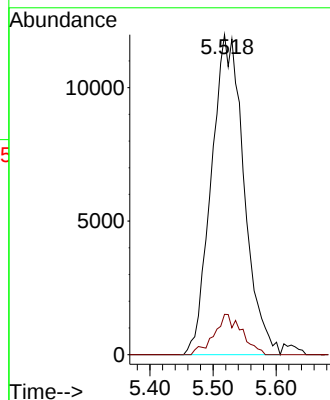
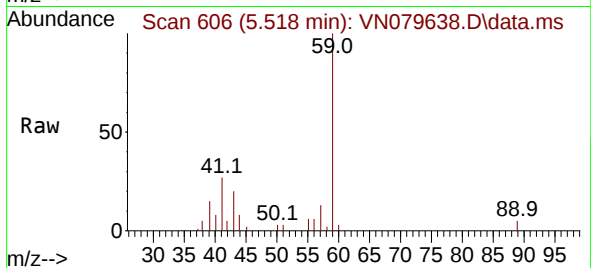
57 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#12

1,1-Dichloroethene

Concen: 17.207 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

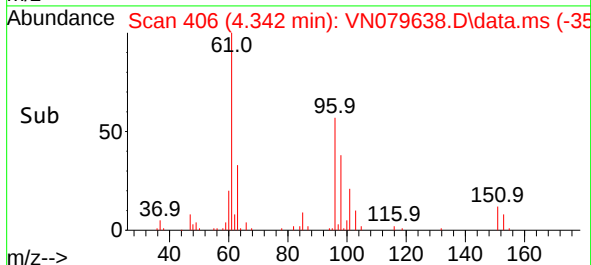
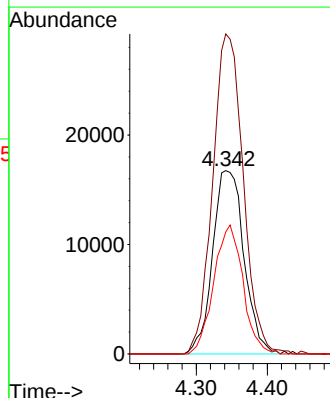
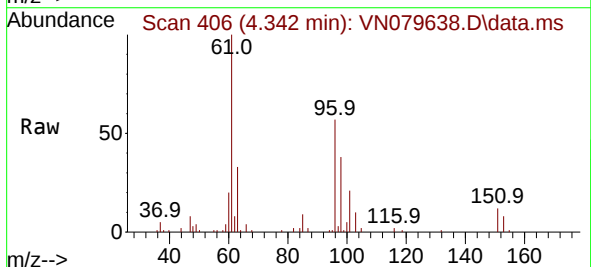
Tgt Ion: 96 Resp: 51371

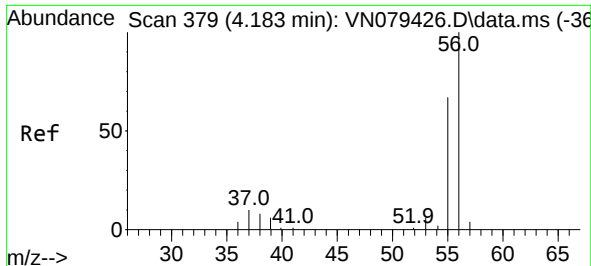
Ion Ratio Lower Upper

96 100

61 174.6 112.7 169.1#

98 66.6 51.2 76.8





#13

Acrolein

Concen: 106.013 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 56 Resp: 65094

Ion Ratio Lower Upper

56 100

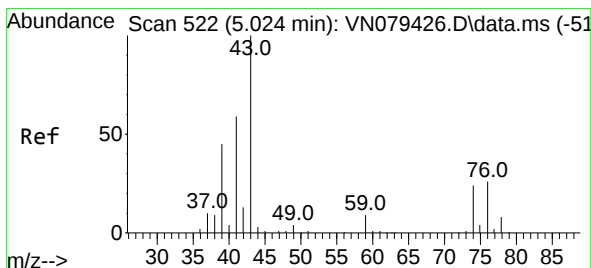
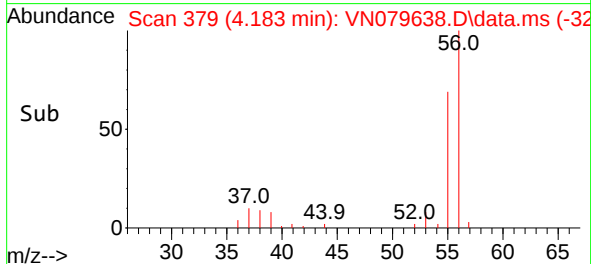
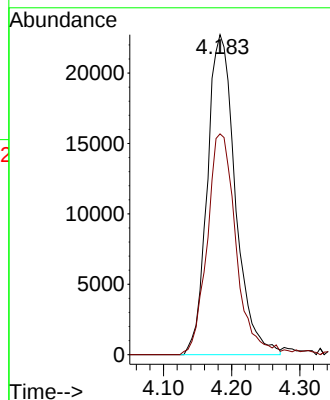
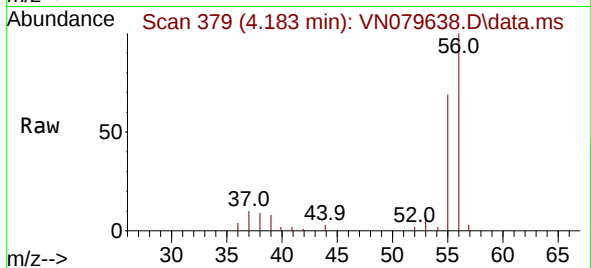
55 71.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#14

Allyl chloride

Concen: 16.529 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

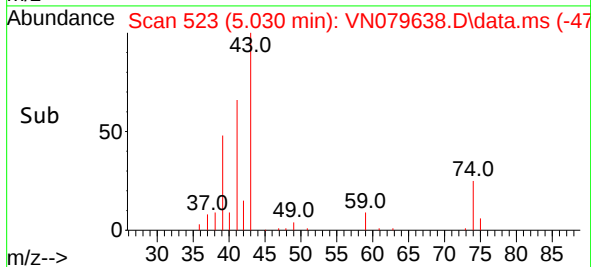
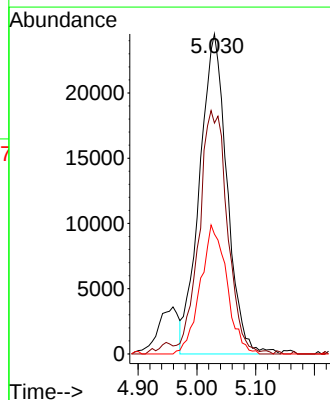
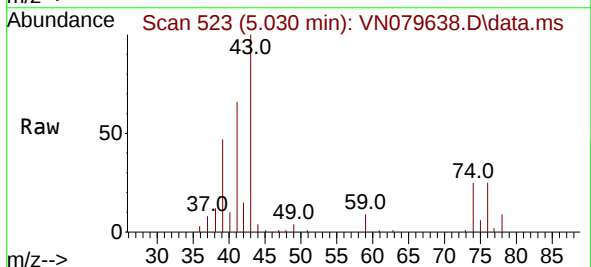
Tgt Ion: 41 Resp: 79636

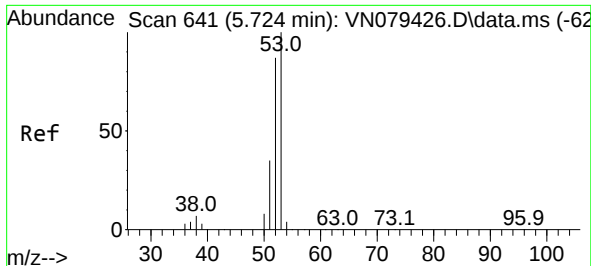
Ion Ratio Lower Upper

41 100

39 78.5 58.8 88.2

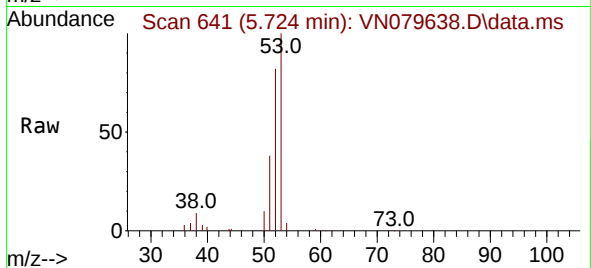
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 84.872 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

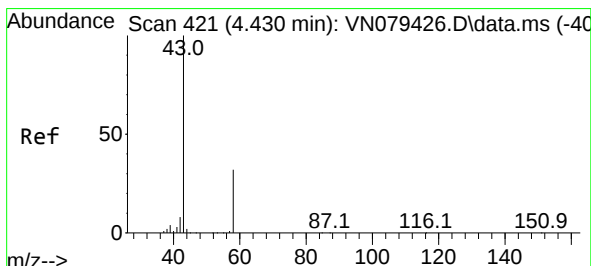
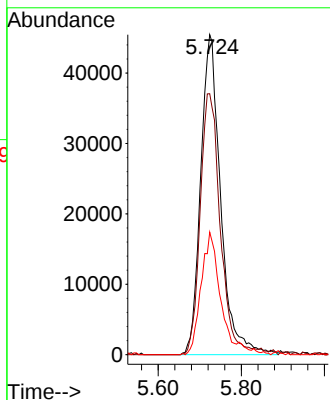
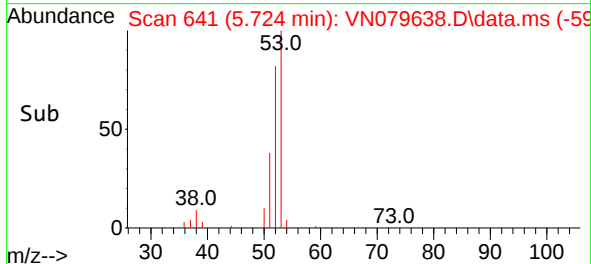
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



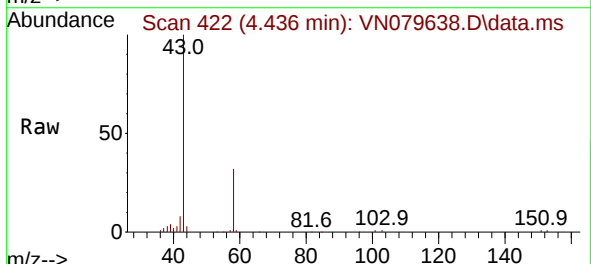
Tgt Ion: 53 Resp: 151732
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.9 28.9 43.3

Manual Integrations
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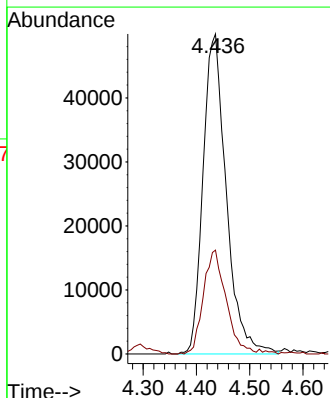
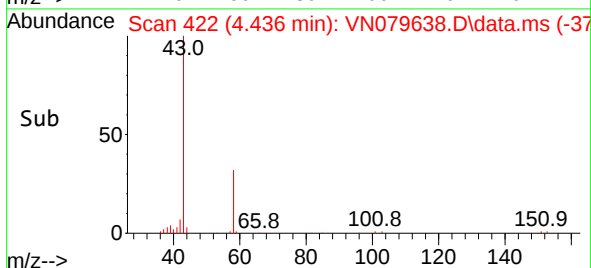
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

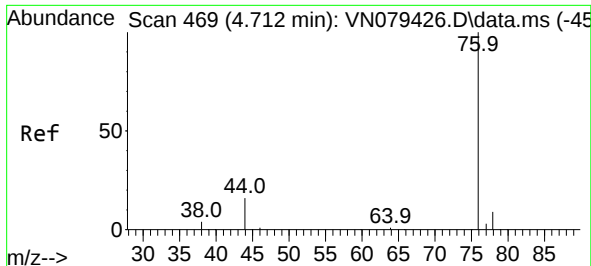


#16
Acetone
Concen: 93.179 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



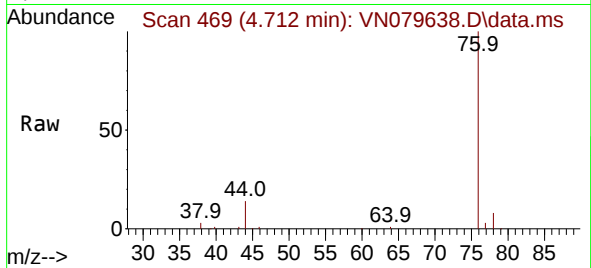
Tgt Ion: 43 Resp: 151423
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 15.490 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

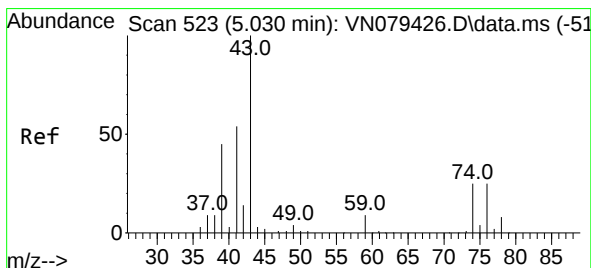
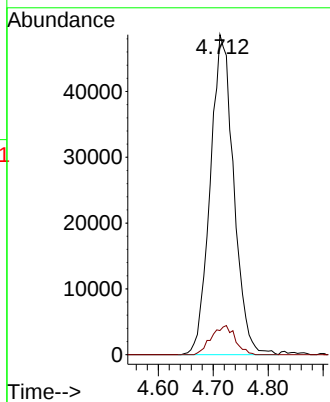
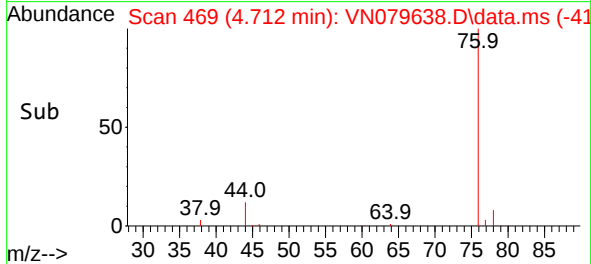
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 76 Resp: 144254
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0

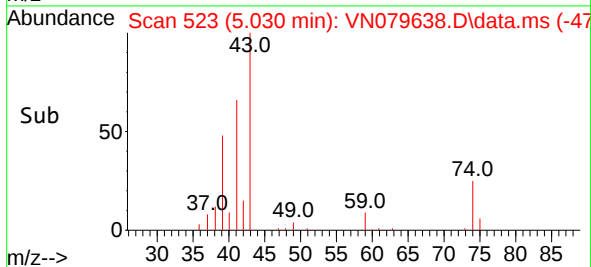
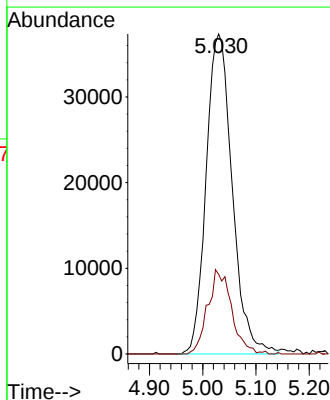
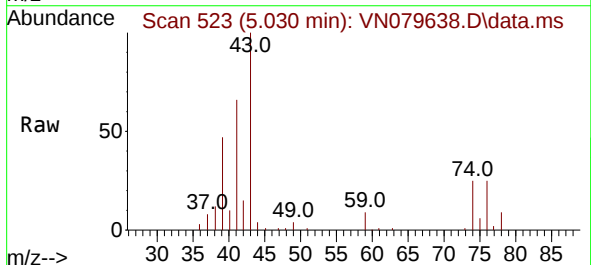
Manual Integrations
APPROVED

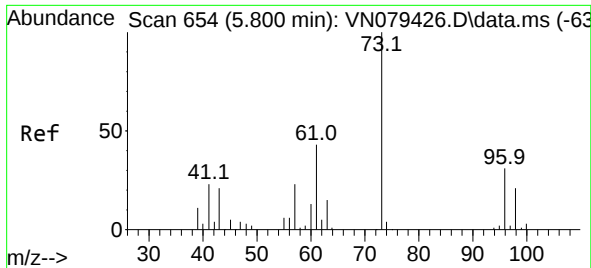
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#18
Methyl Acetate
Concen: 15.971 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 43 Resp: 127032
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





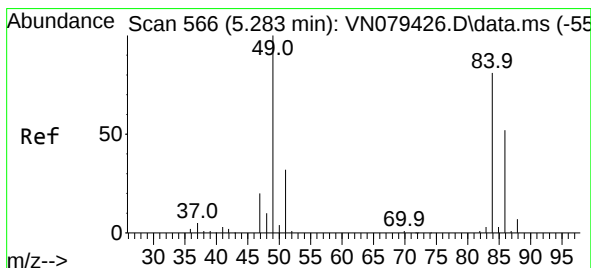
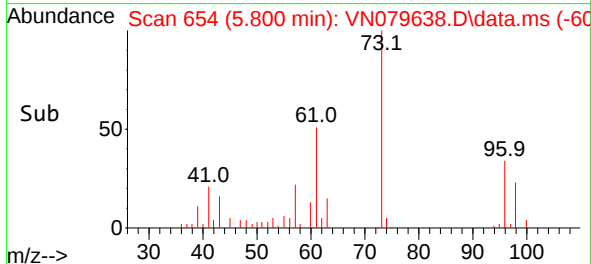
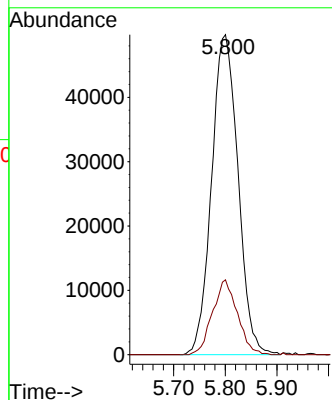
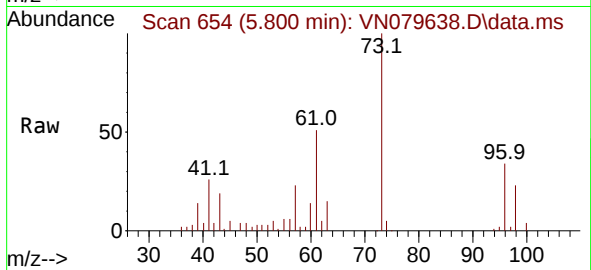
#19
Methyl tert-butyl Ether
Concen: 18.212 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 73 Resp: 17667
Ion Ratio Lower Upper
73 100
57 23.4 15.6 23.4

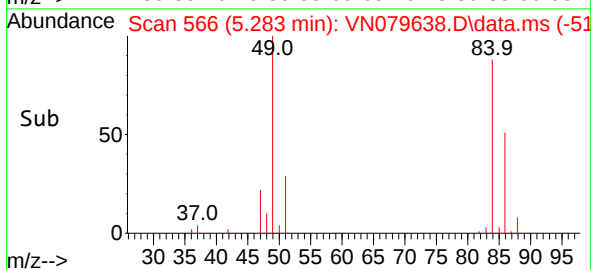
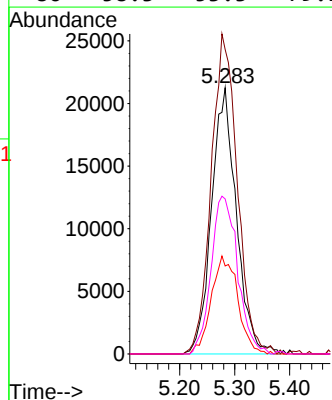
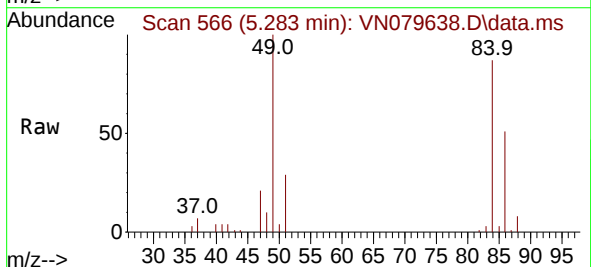
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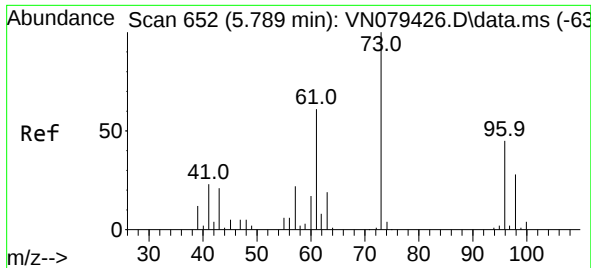
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#20
Methylene Chloride
Concen: 18.368 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 84 Resp: 66719
Ion Ratio Lower Upper
84 100
49 114.4 79.7 119.5
51 33.0 25.2 37.8
86 58.3 53.3 79.9





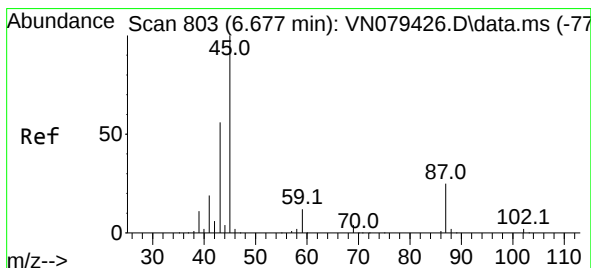
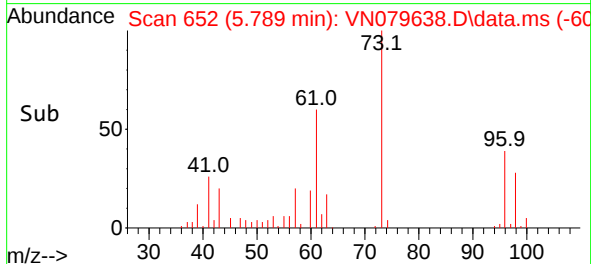
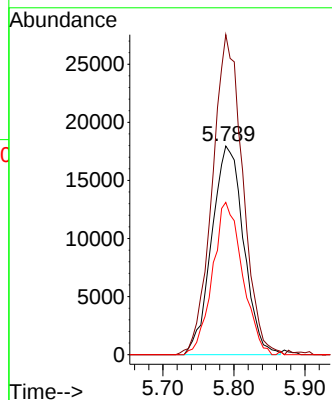
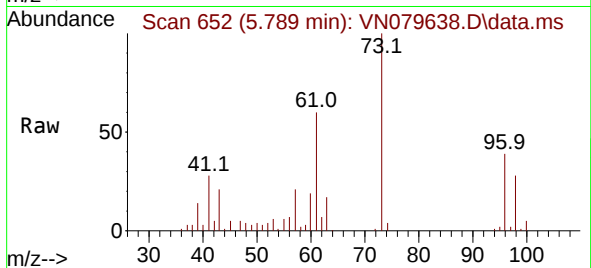
#21
trans-1,2-Dichloroethene
Concen: 16.048 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 96 Resp: 55960
Ion Ratio Lower Upper
96 100
61 152.5 90.1 135.1
98 73.0 46.4 69.6

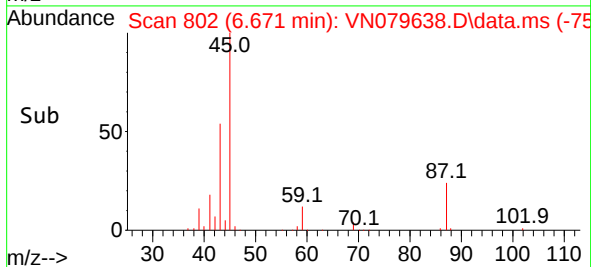
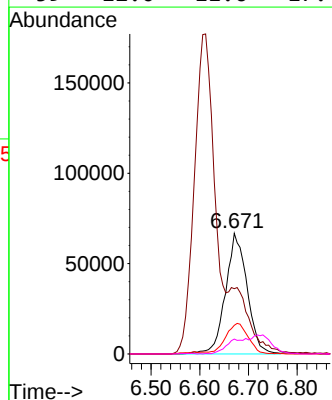
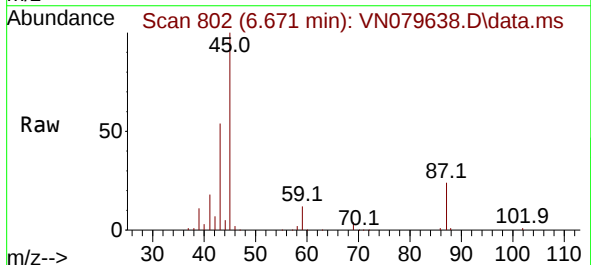
Manual Integrations
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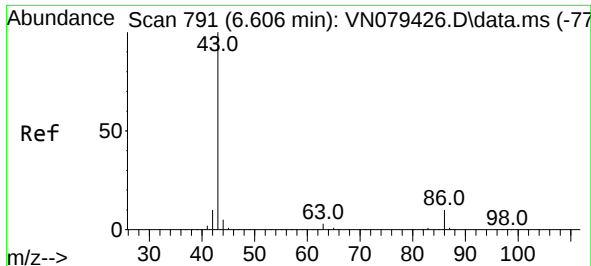
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#22
Diisopropyl ether
Concen: 19.027 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 45 Resp: 205559
Ion Ratio Lower Upper
45 100
43 51.7 45.5 68.3
87 23.5 31.8 47.8#
59 12.0 11.6 17.4





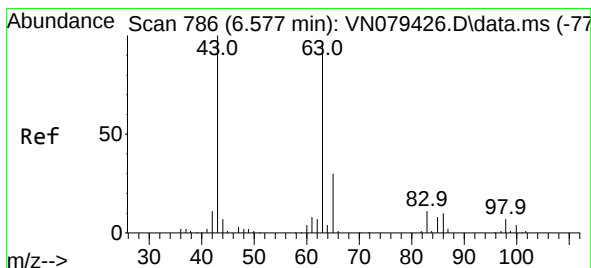
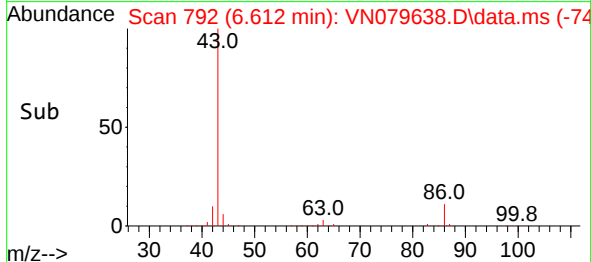
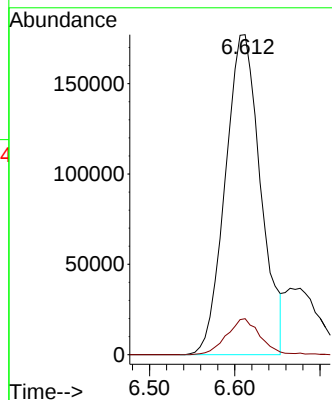
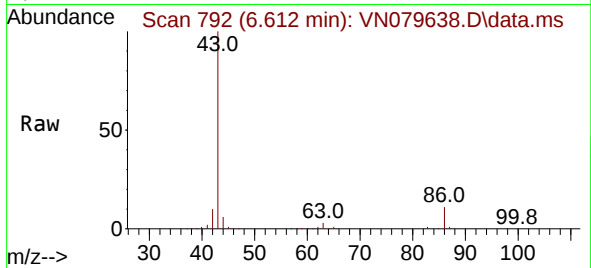
#23
 Vinyl Acetate
 Concen: 84.148 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

Instrument :
 MSVOA_N
 Client Sample Id :
 VN1023WBS01

Tgt Ion: 43 Resp: 511360
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

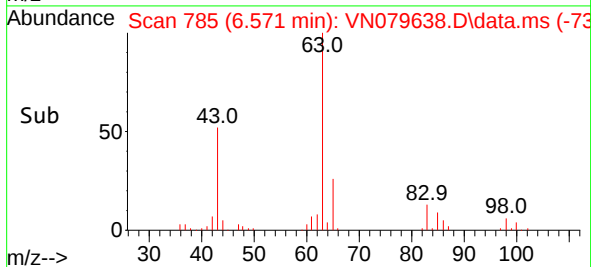
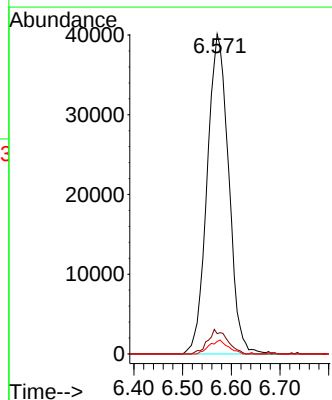
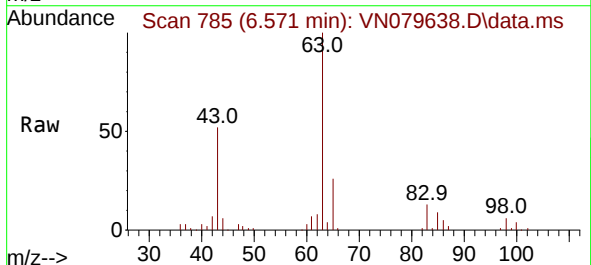
Manual Integrations
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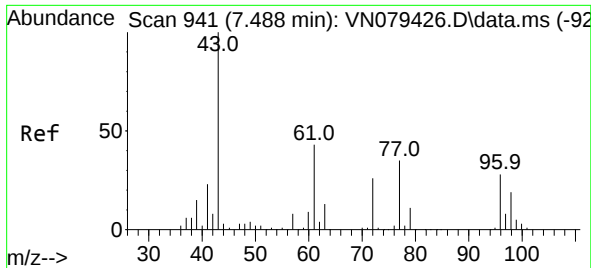
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#24
 1,1-Dichloroethane
 Concen: 18.602 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

Tgt Ion: 63 Resp: 122995
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 3.9 2.5 7.4





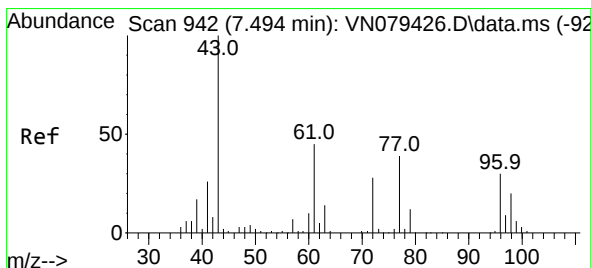
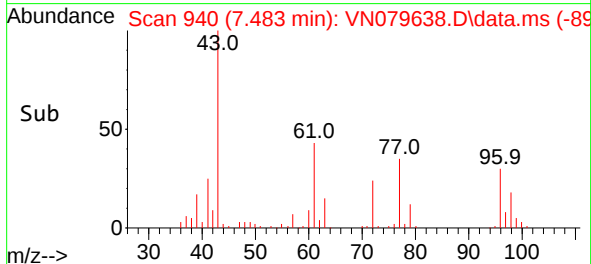
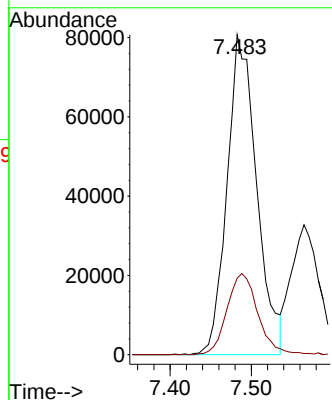
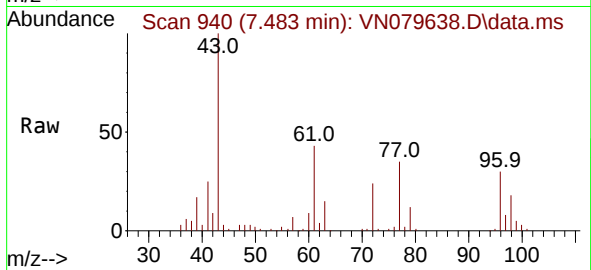
#25
2-Butanone
Concen: 84.800 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 43 Resp: 20453
Ion Ratio Lower Upper
43 100
72 23.9 30.2 45.2

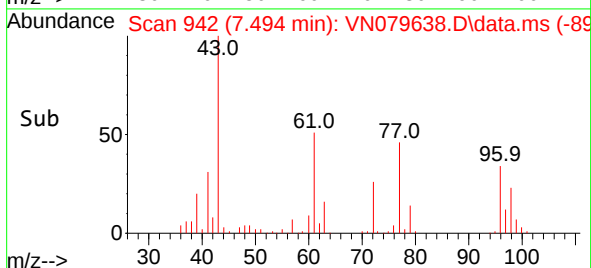
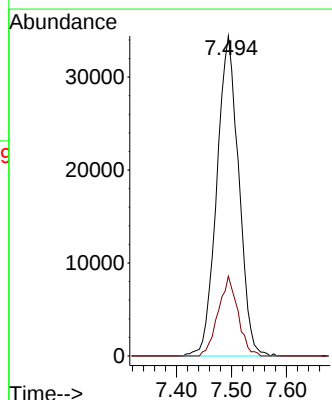
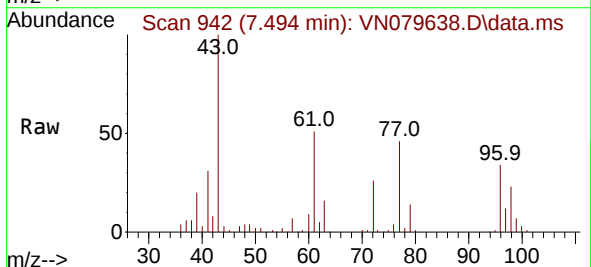
Manual Integrations
APPROVED

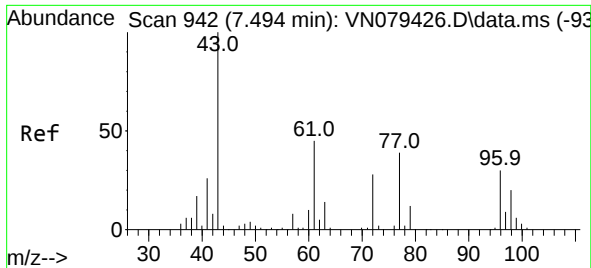
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#26
2,2-Dichloropropane
Concen: 18.900 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

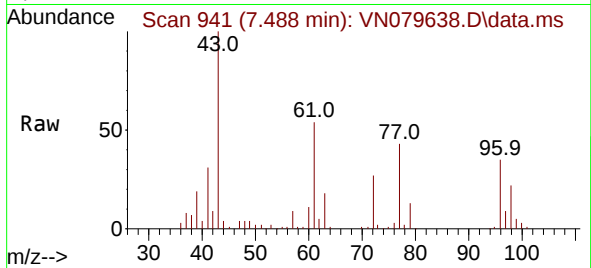
Tgt Ion: 77 Resp: 95502
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.227 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

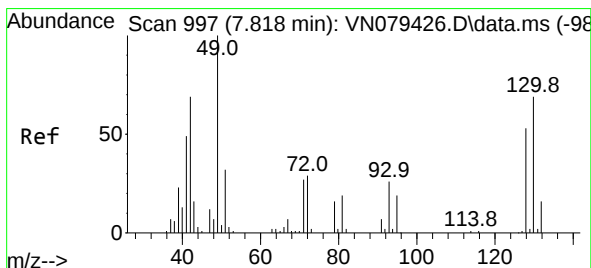
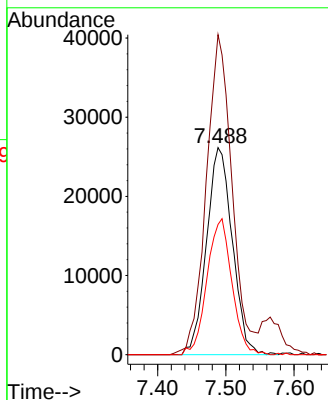
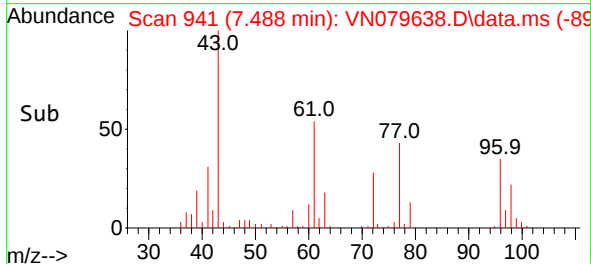
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01



Tgt Ion: 96 Resp: 69040
 Ion Ratio Lower Upper
 96 100
 61 154.1 0.0 255.2
 98 63.3 0.0 128.8

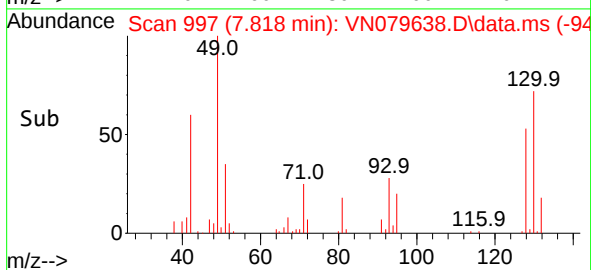
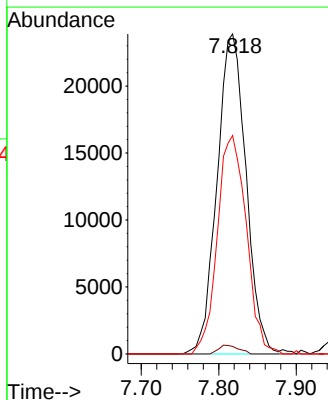
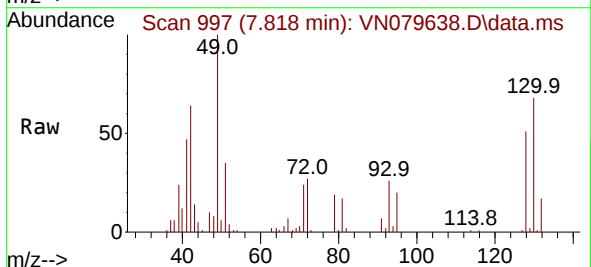
Manual Integrations
 APPROVED

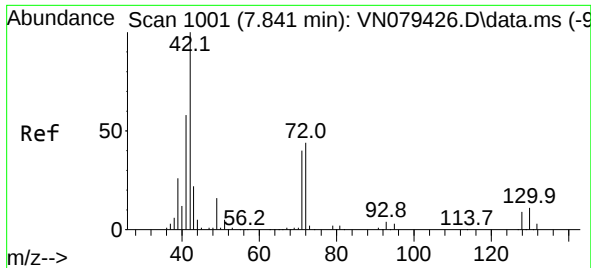
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#28
 Bromochloromethane
 Concen: 19.748 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

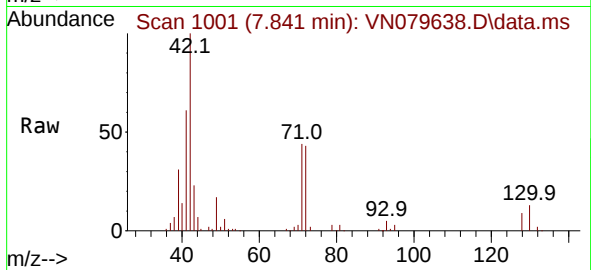
Tgt Ion: 49 Resp: 62127
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.3 75.3 112.9#





#29
Tetrahydrofuran
Concen: 79.501 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

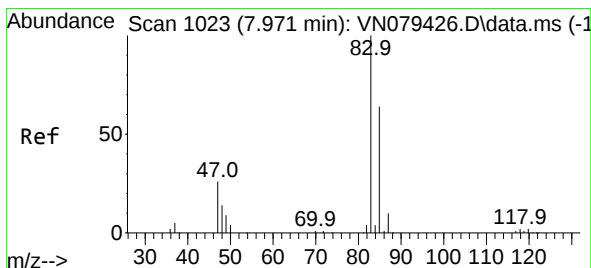
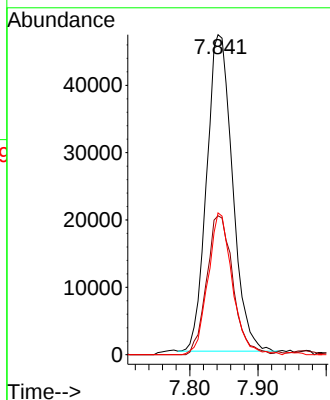
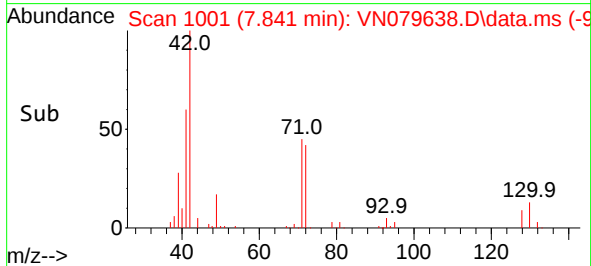
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 42 Resp: 124015
Ion Ratio Lower Upper
42 100
72 44.4 49.8 74.6
71 42.1 47.4 71.2

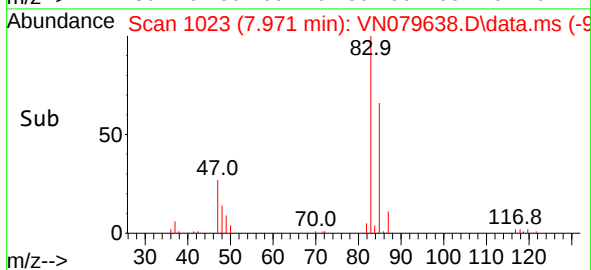
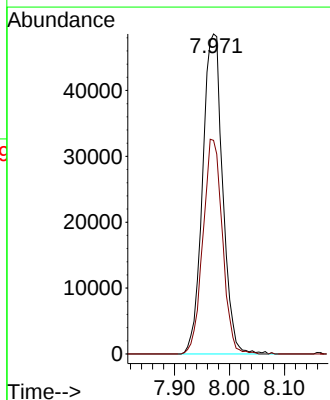
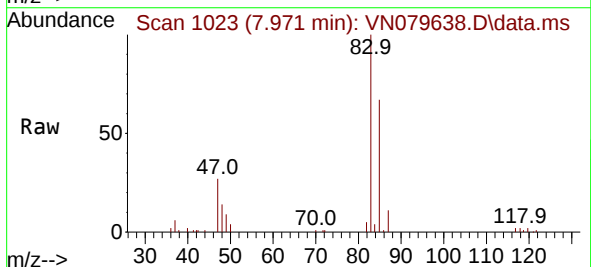
Manual Integrations
APPROVED

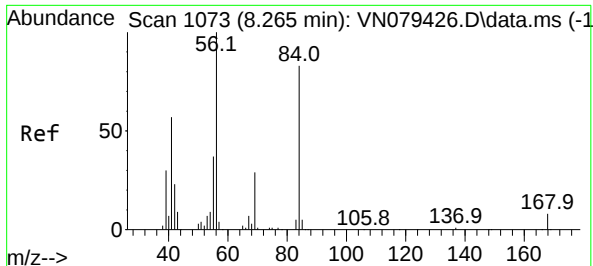
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#30
Chloroform
Concen: 18.458 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

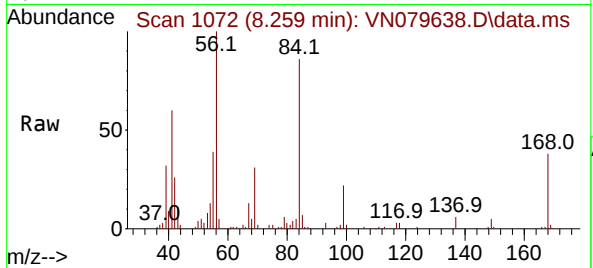
Tgt Ion: 83 Resp: 123309
Ion Ratio Lower Upper
83 100
85 66.8 55.4 83.0





#31
Cyclohexane
Concen: 16.837 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

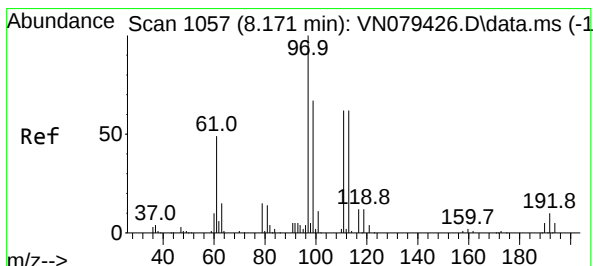
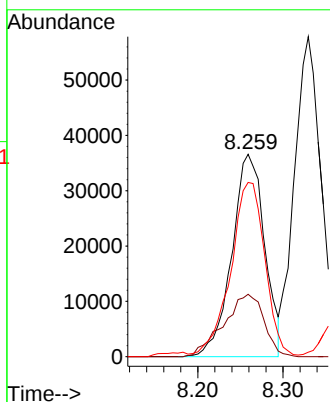
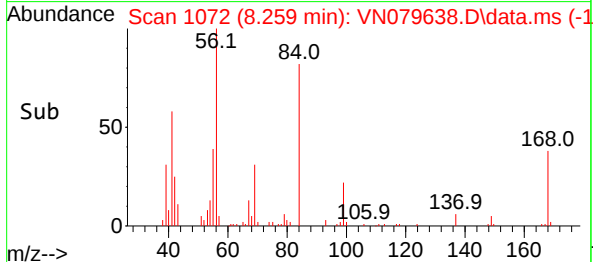
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



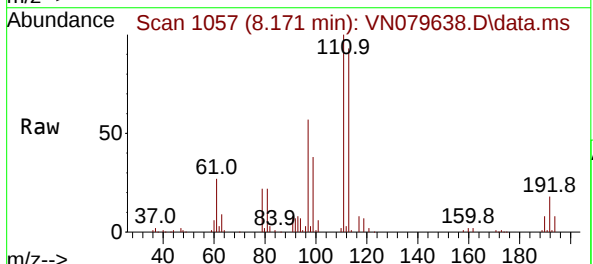
Tgt Ion: 56 Resp: 97850
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 84.4 81.8 122.6

Manual Integrations
APPROVED

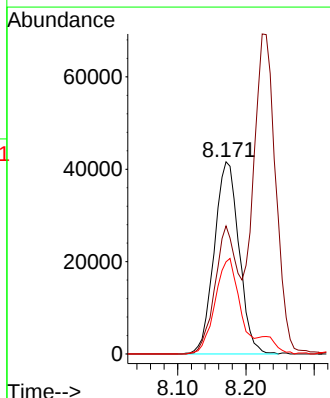
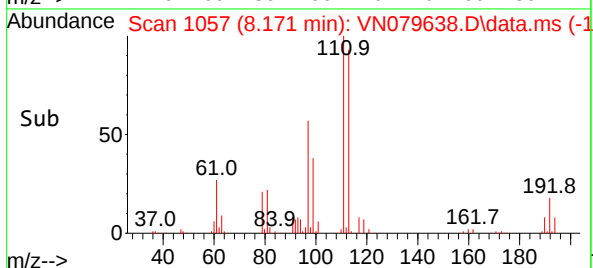
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

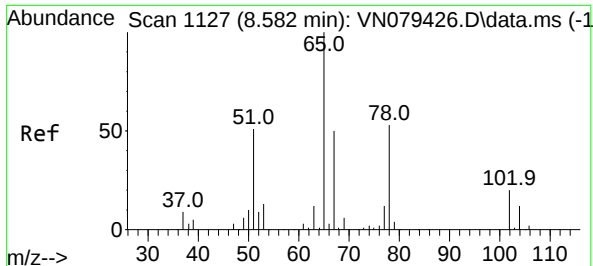


#32
1,1,1-Trichloroethane
Concen: 18.727 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



Tgt Ion: 97 Resp: 105284
Ion Ratio Lower Upper
97 100
99 61.1 50.3 75.5
61 50.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.690 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 65 Resp: 21178

Ion Ratio Lower Upper

65 100

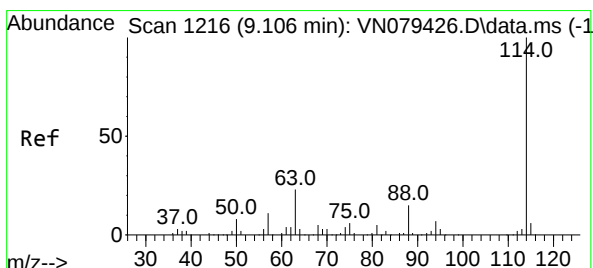
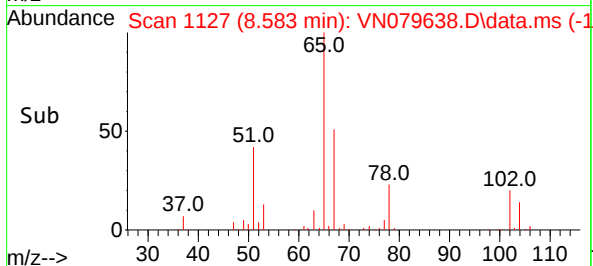
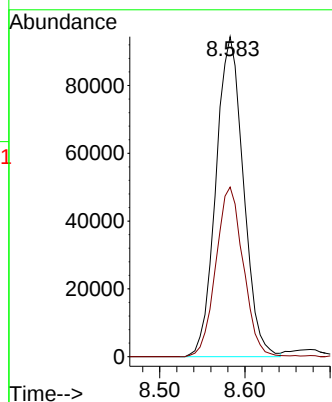
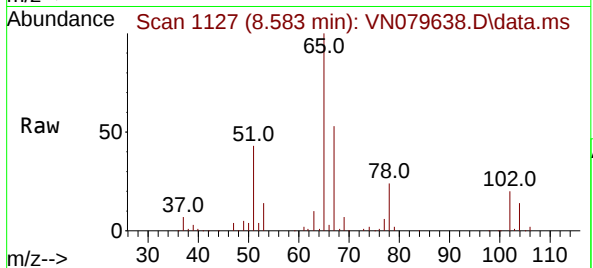
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

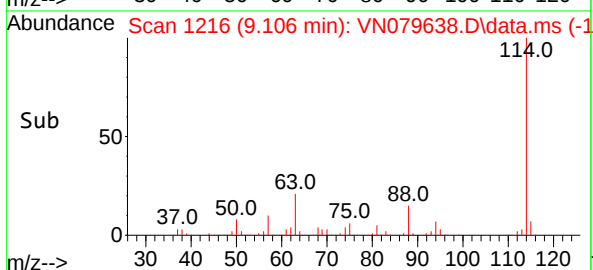
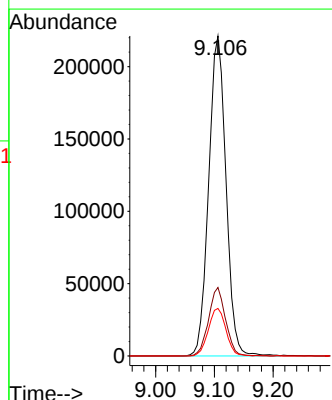
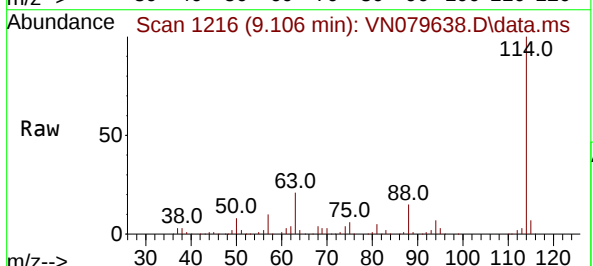
Tgt Ion:114 Resp: 452044

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.889 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 113 Resp: 168564

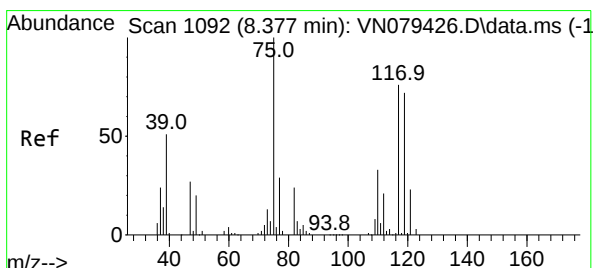
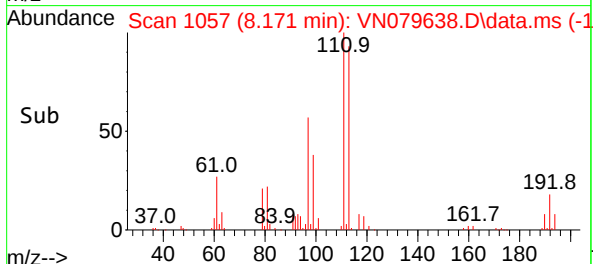
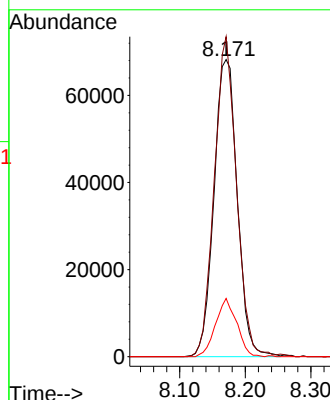
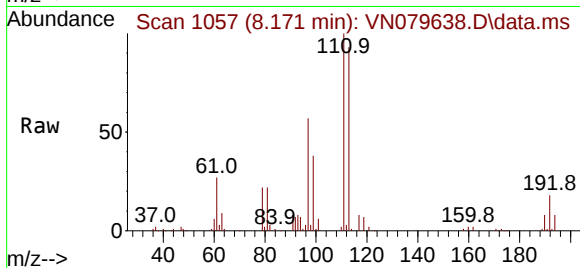
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	17.8	12.7	19.1

Manual Integrations

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Reviewed By : John Carlone 10/24/2023

Supervised By : Semsettin Yesilyurt 10/24/2023



#36

1,1-Dichloropropene

Concen: 18.124 ug/l

RT: 8.377 min Scan# 1092

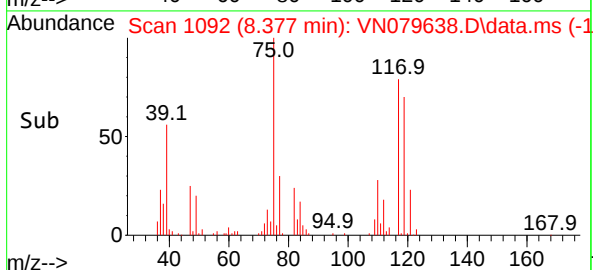
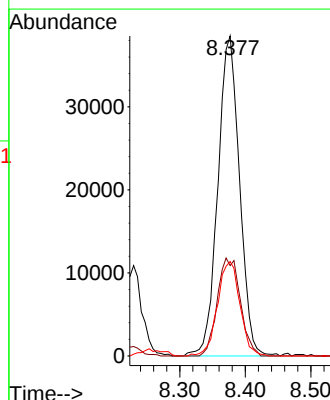
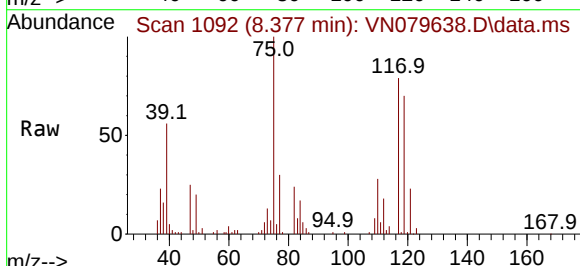
Delta R.T. 0.000 min

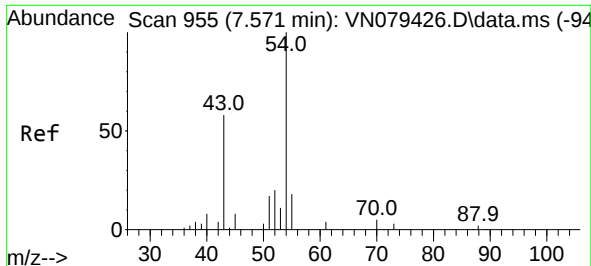
Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion: 75 Resp: 88367

Ion	Ratio	Lower	Upper
75	100		
110	32.6	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 17.060 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 43 Resp: 82764

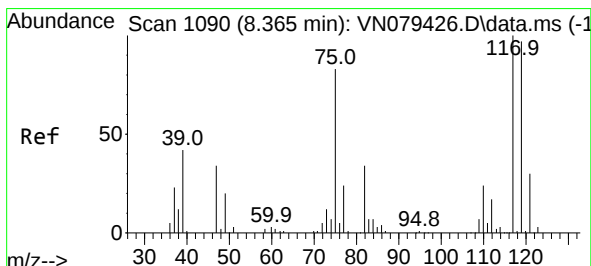
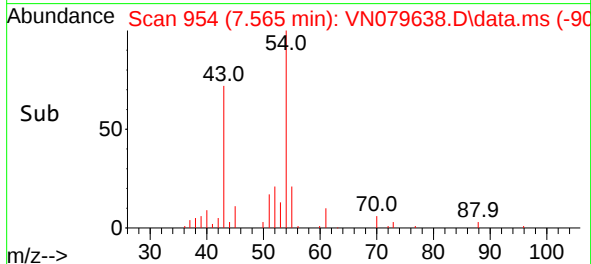
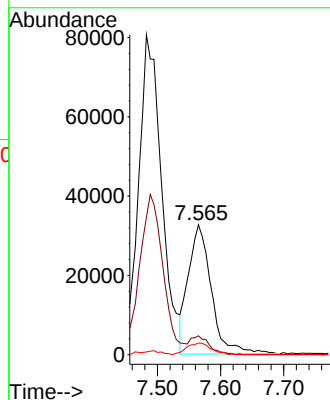
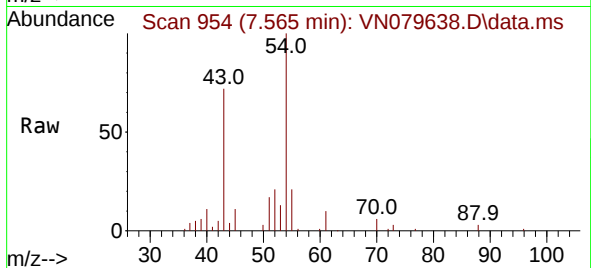
Ion	Ratio	Lower	Upper
43	100		
61	11.9	13.2	19.8
70	9.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#38

Carbon Tetrachloride

Concen: 17.925 ug/l

RT: 8.371 min Scan# 1091

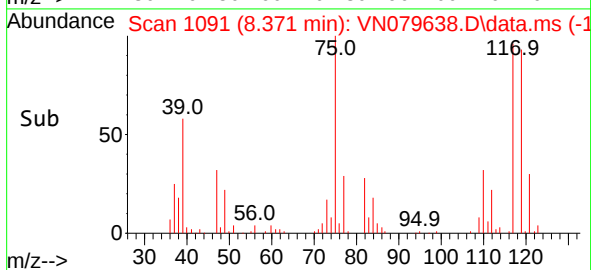
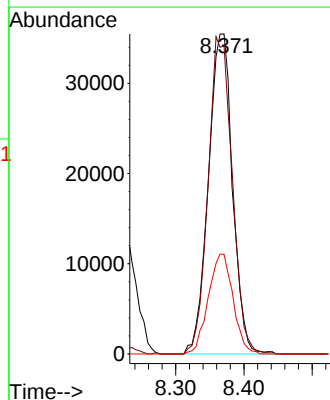
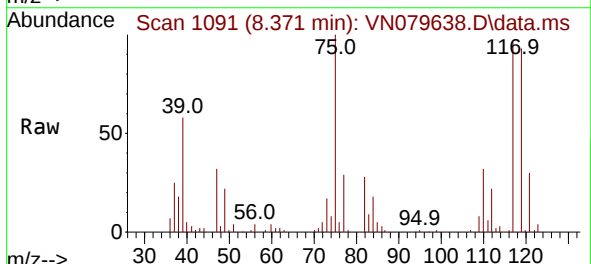
Delta R.T. 0.006 min

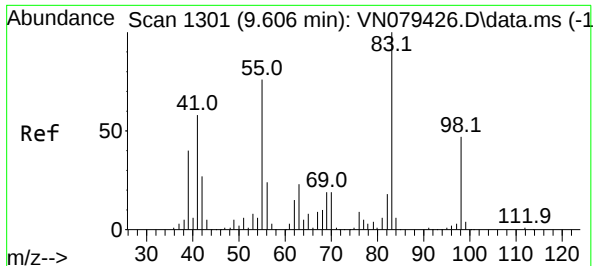
Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion:117 Resp: 87492

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.3	115.9
121	31.1	23.3	34.9





#39

Methylcyclohexane

Concen: 16.665 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 83 Resp: 78060

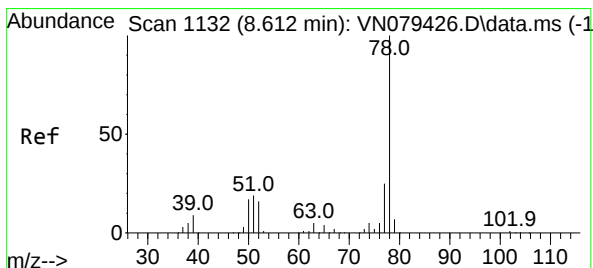
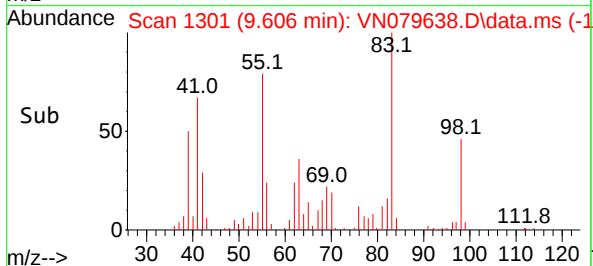
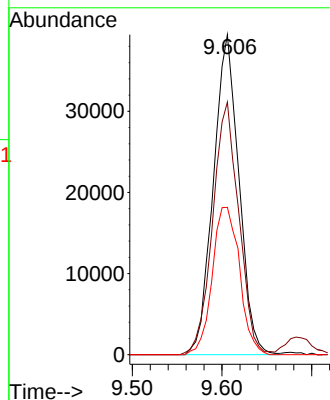
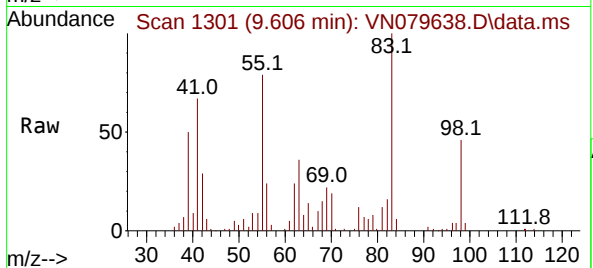
Ion	Ratio	Lower	Upper
83	100		
55	79.0	49.1	73.7
98	46.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#40

Benzene

Concen: 18.556 ug/l

RT: 8.612 min Scan# 1132

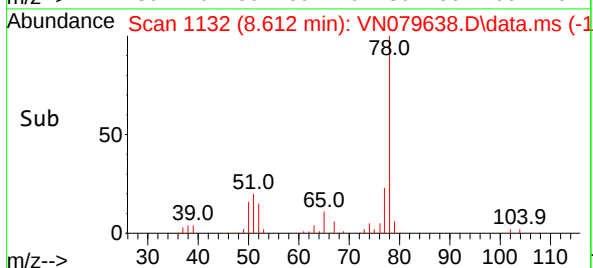
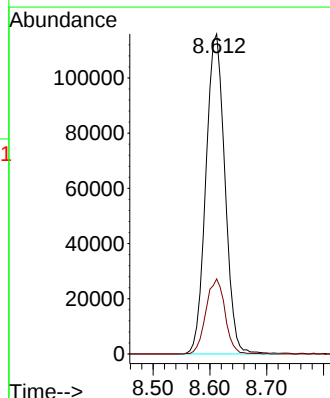
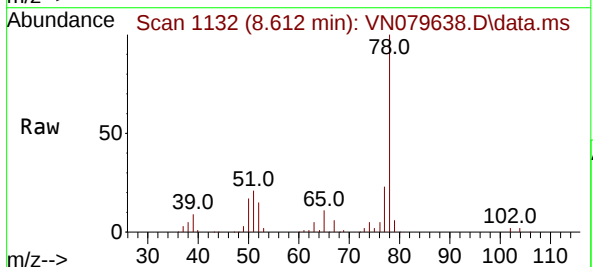
Delta R.T. 0.000 min

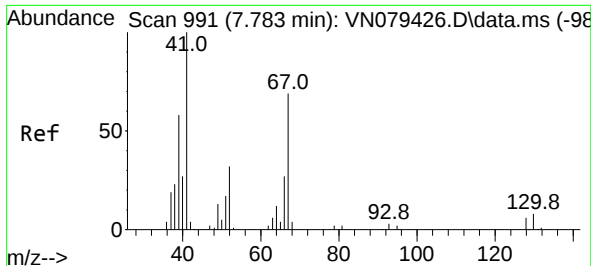
Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion: 78 Resp: 268683

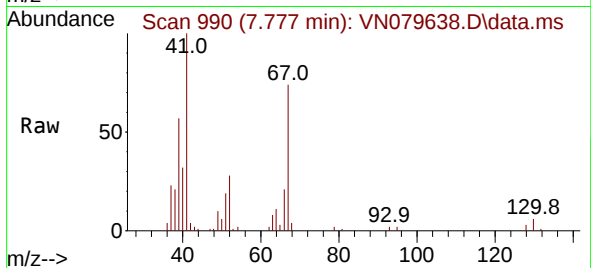
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 17.563 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

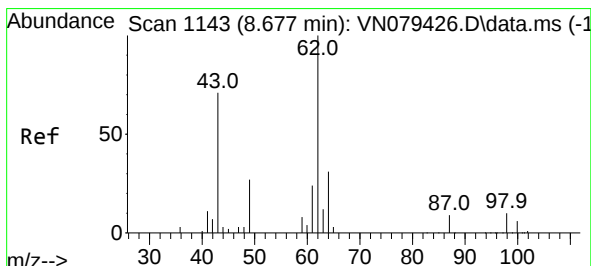
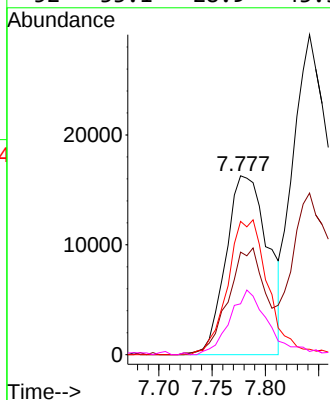
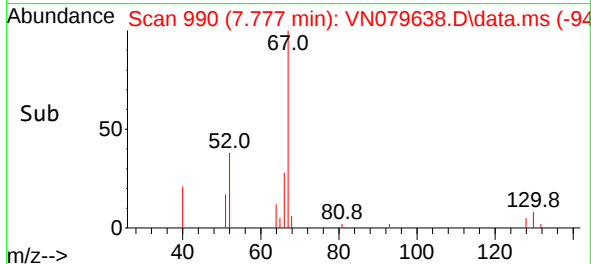
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 41 Resp: 44794
Ion Ratio Lower Upper
41 100
39 51.3 42.6 64.0
67 72.2 77.5 116.3
52 33.1 28.9 43.3

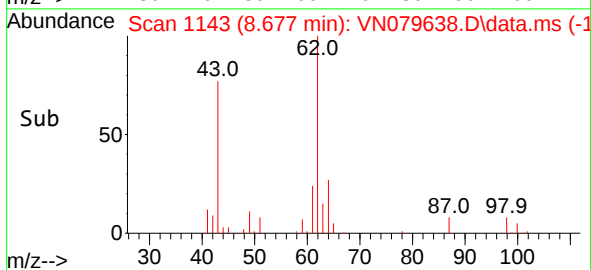
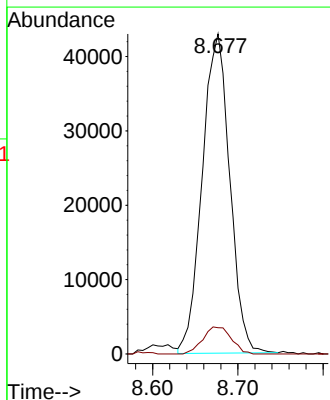
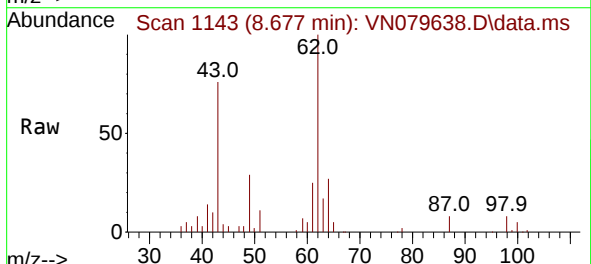
Manual Integrations
APPROVED

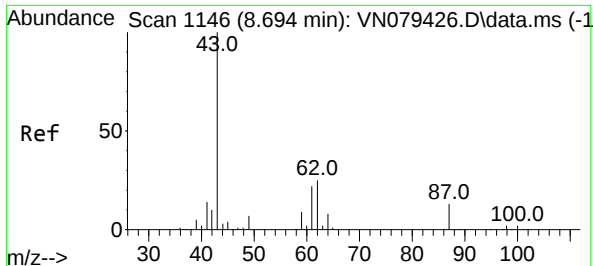
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#42
1,2-Dichloroethane
Concen: 18.319 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 62 Resp: 96383
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 15.340 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 43 Resp: 130379

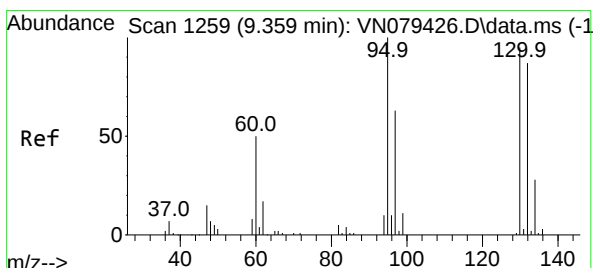
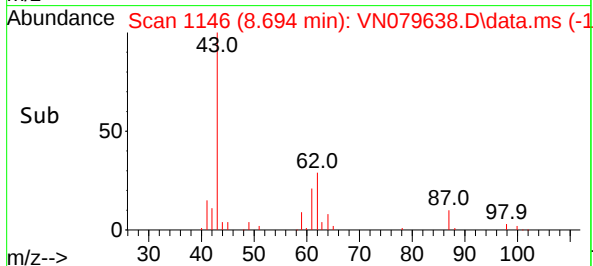
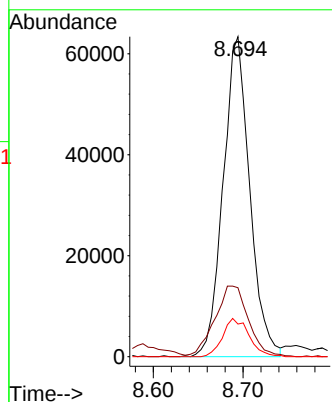
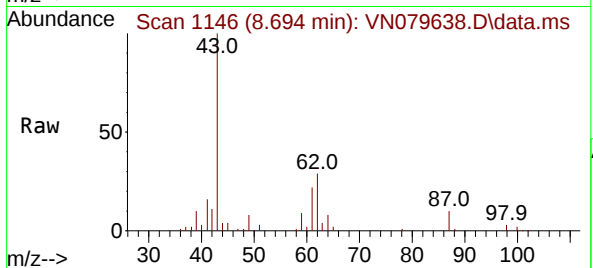
Ion	Ratio	Lower	Upper
43	100		
61	27.9	24.7	37.1
87	11.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#44

Trichloroethene

Concen: 18.583 ug/l

RT: 9.359 min Scan# 1259

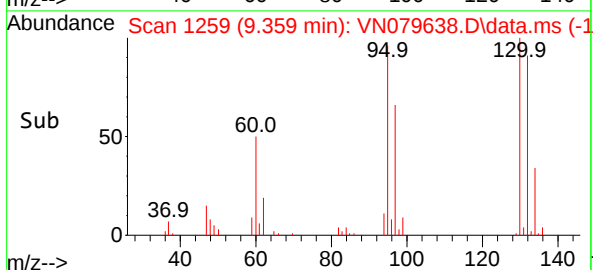
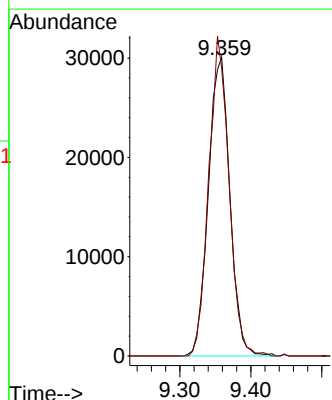
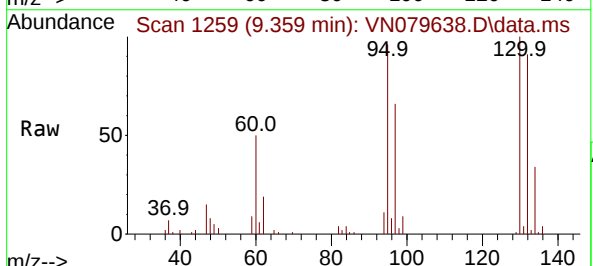
Delta R.T. 0.000 min

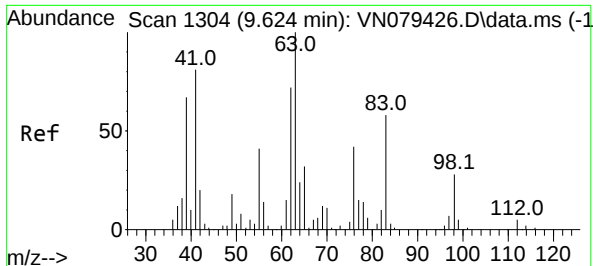
Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion:130 Resp: 63331

Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.828 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 63 Resp: 71829

Ion Ratio Lower Upper

63 100

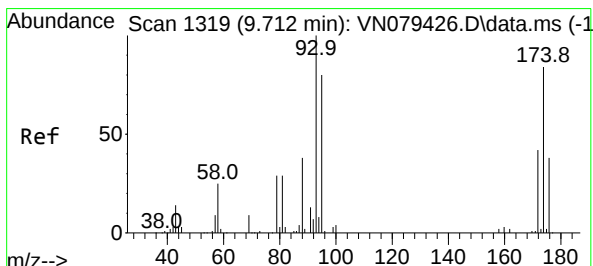
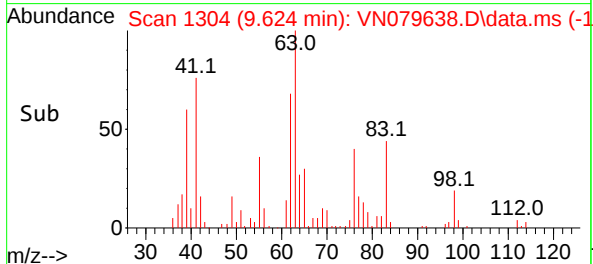
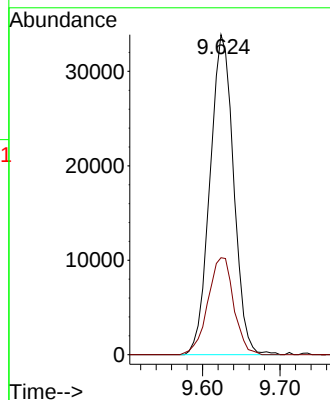
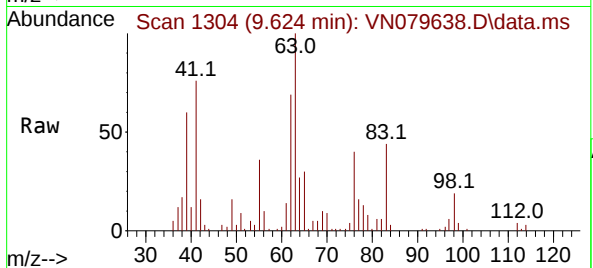
65 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#46

Dibromomethane

Concen: 18.932 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

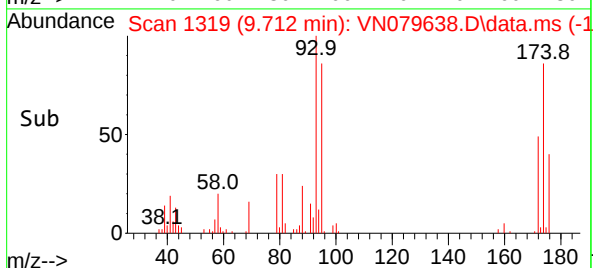
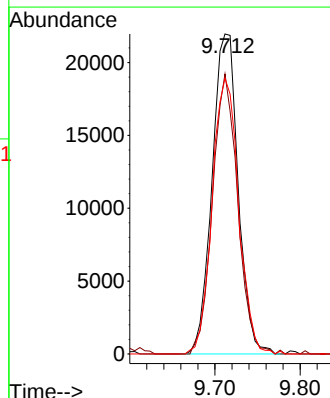
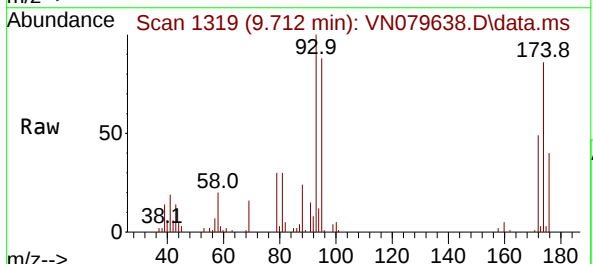
Tgt Ion: 93 Resp: 46779

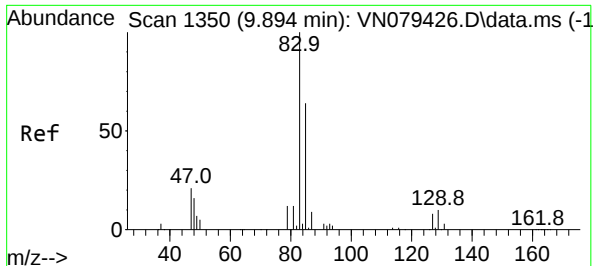
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

174 87.4 65.6 98.4





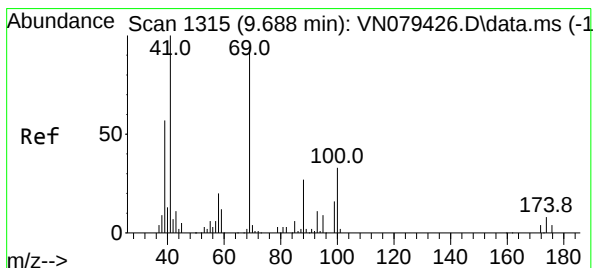
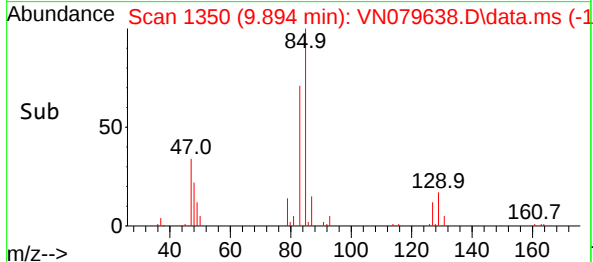
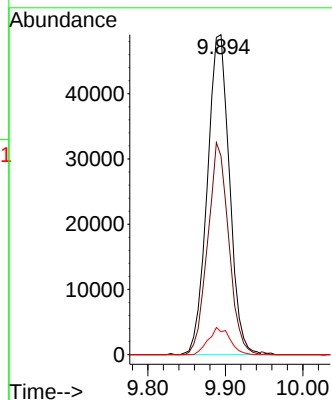
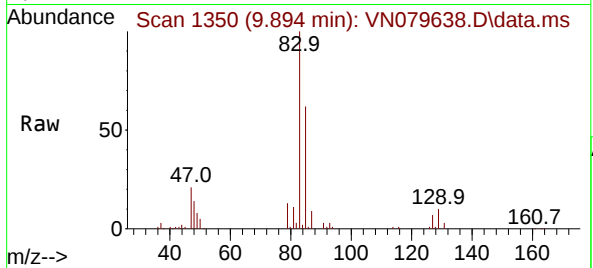
#47
Bromodichloromethane
Concen: 19.163 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 83 Resp: 97398
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 7.2 7.0 10.6

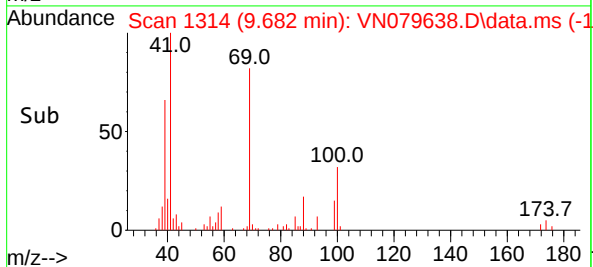
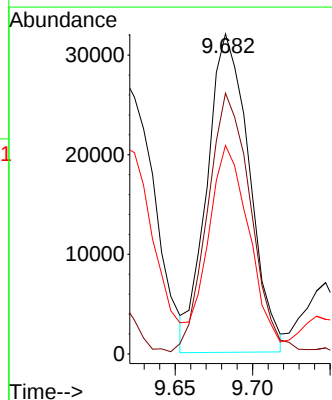
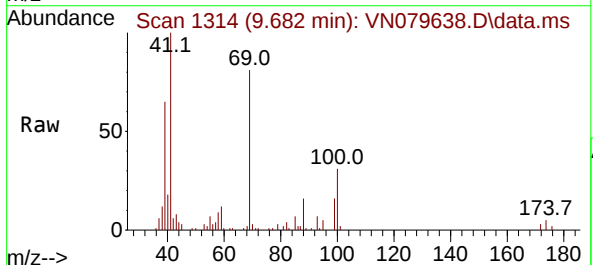
Manual Integrations
APPROVED

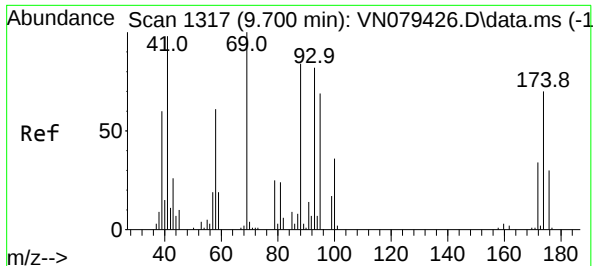
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#48
Methyl methacrylate
Concen: 16.628 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 41 Resp: 60561
Ion Ratio Lower Upper
41 100
69 85.3 90.4 135.6#
39 64.8 54.6 81.8





#49

1,4-Dioxane

Concen: 304.155 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 88 Resp: 2040

Ion Ratio Lower Upper

88 100

43 29.7 17.0 25.6

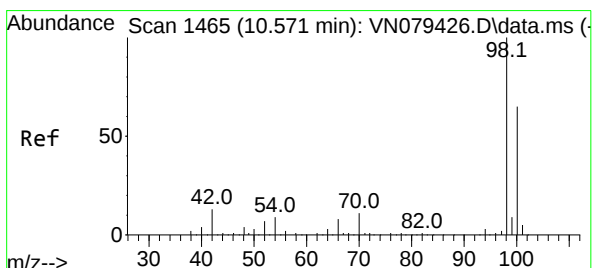
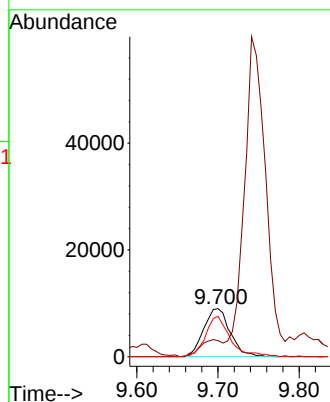
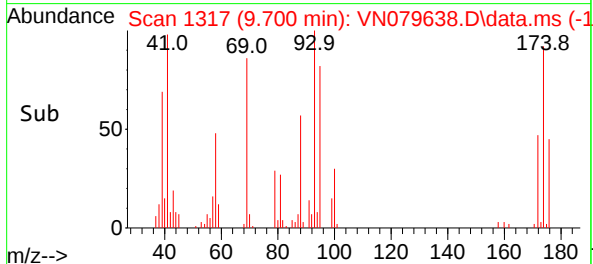
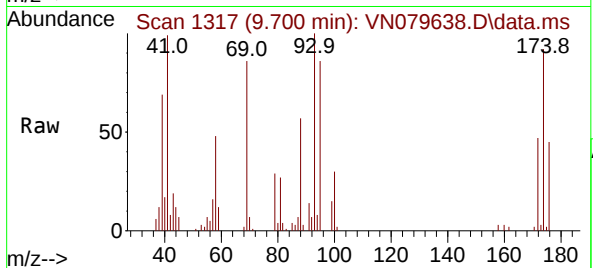
58 78.2 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#50

Toluene-d8

Concen: 53.354 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079638.D

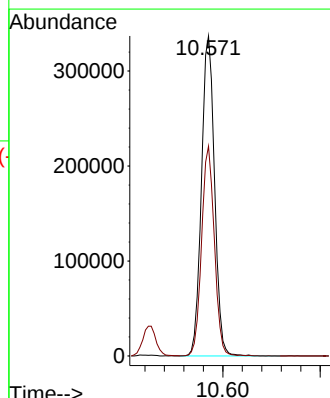
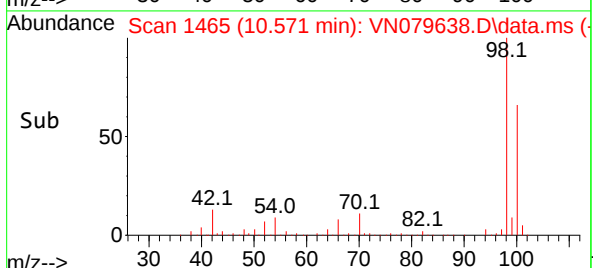
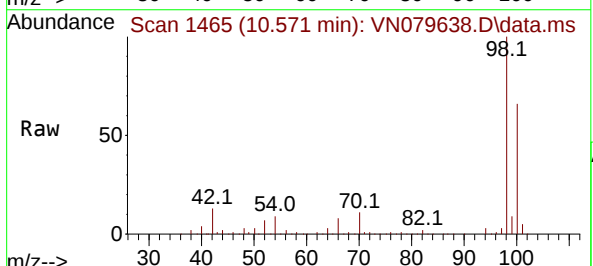
Acq: 23 Oct 2023 10:50

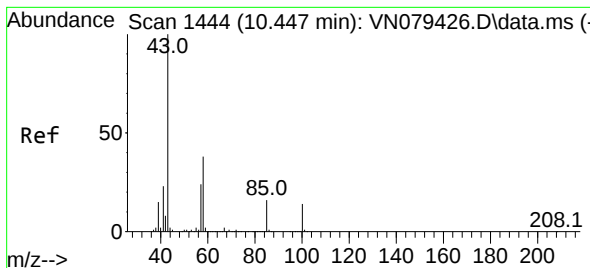
Tgt Ion: 98 Resp: 627129

Ion Ratio Lower Upper

98 100

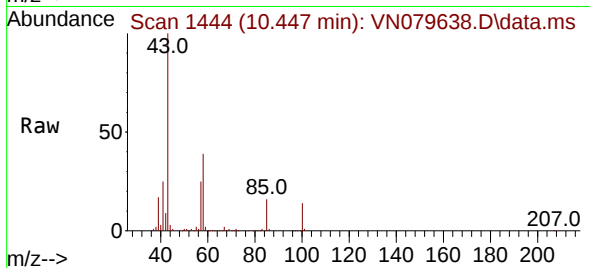
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 86.159 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

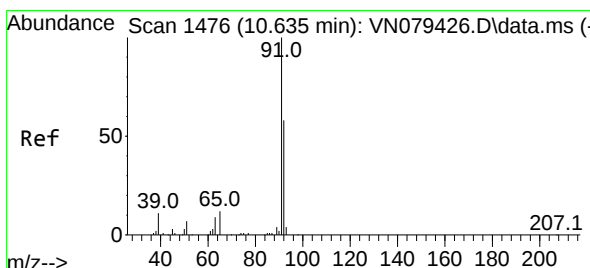
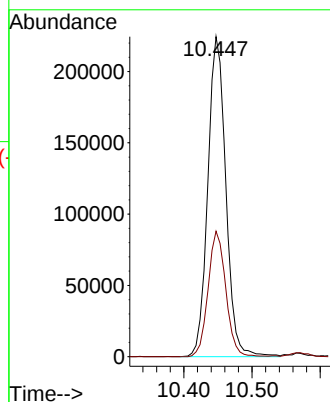
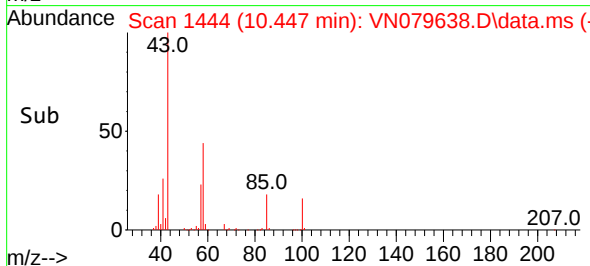
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



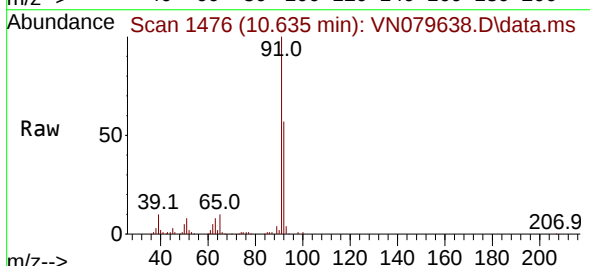
Tgt Ion: 43 Resp: 413380
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

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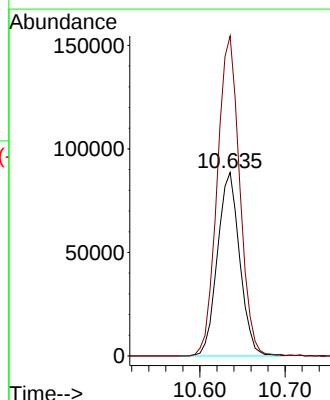
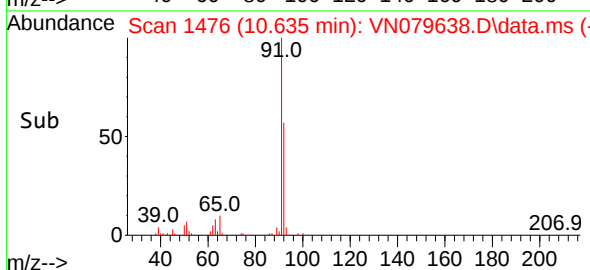
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

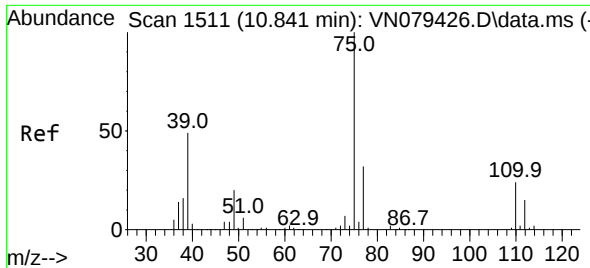


#52
Toluene
Concen: 18.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



Tgt Ion: 92 Resp: 160512
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





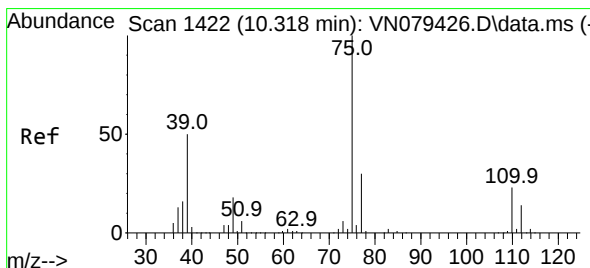
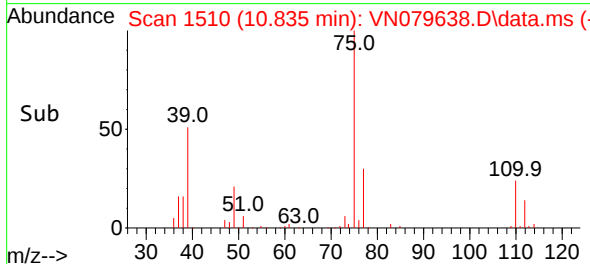
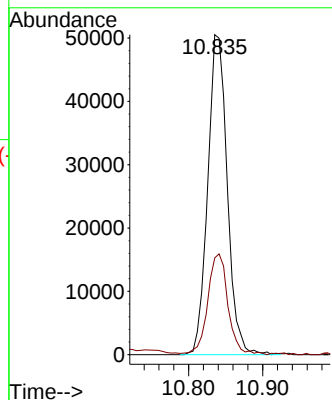
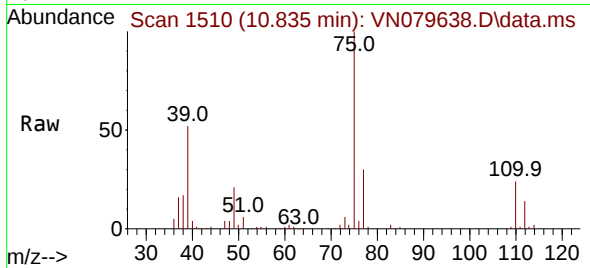
#53
 t-1,3-Dichloropropene
 Concen: 18.055 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01

Tgt Ion: 75 Resp: 9247
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0

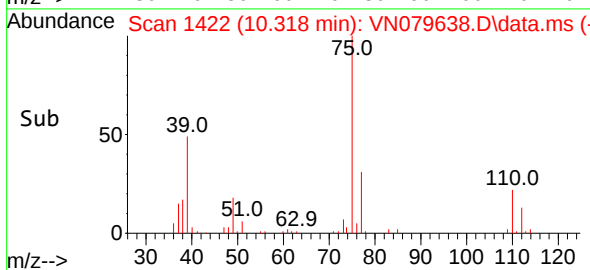
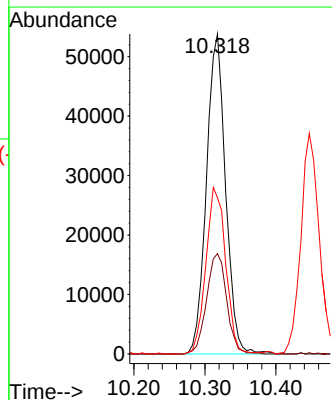
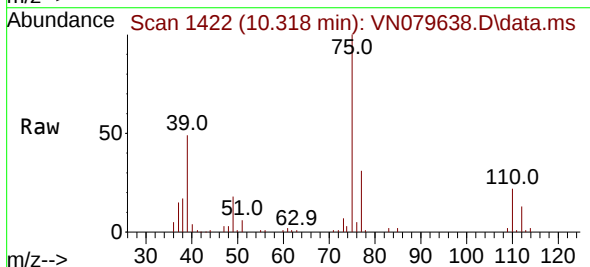
Manual Integrations
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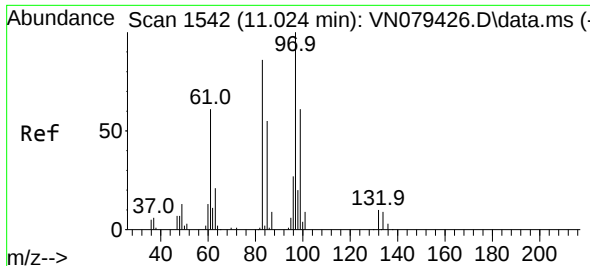
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.967 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

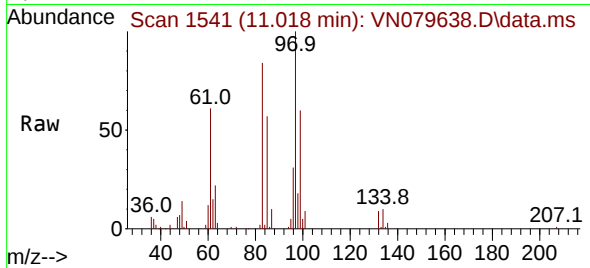
Tgt Ion: 75 Resp: 100745
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 48.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.340 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

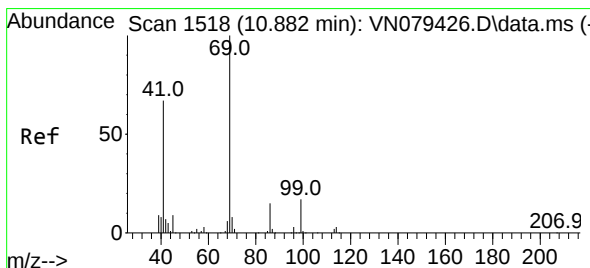
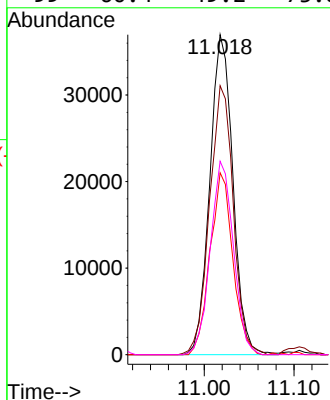
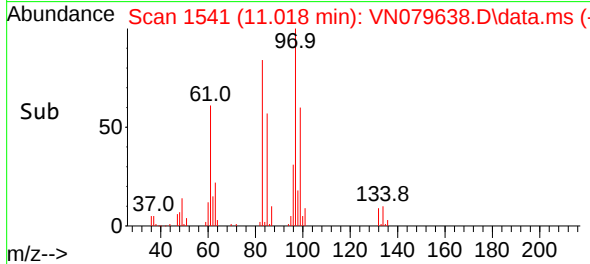
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



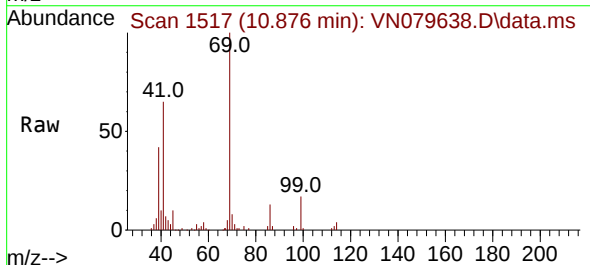
Tgt Ion:	97	Resp:	6617
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.1	97.7
85	56.9	43.4	65.2
99	60.4	49.2	73.8

Manual Integrations
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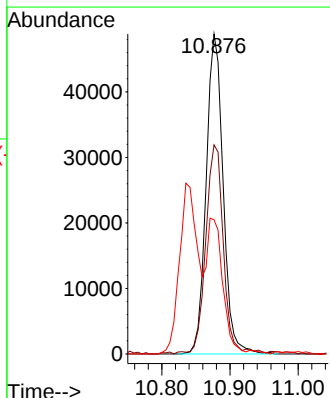
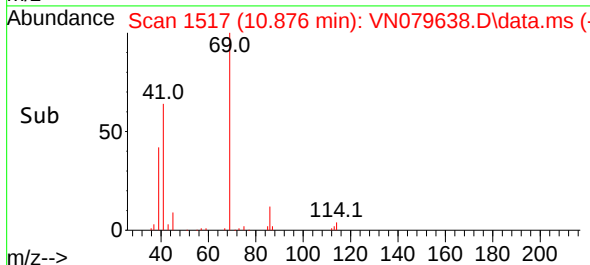
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#56
Ethyl methacrylate
Concen: 17.981 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



Tgt Ion:	69	Resp:	84547
Ion	Ratio	Lower	Upper
69	100		
41	68.0	39.6	59.4#
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.045 ug/l

RT: 11.165 min Scan# 112530

Delta R.T. -0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion: 76 Resp: 112530

Ion Ratio Lower Upper

76 100

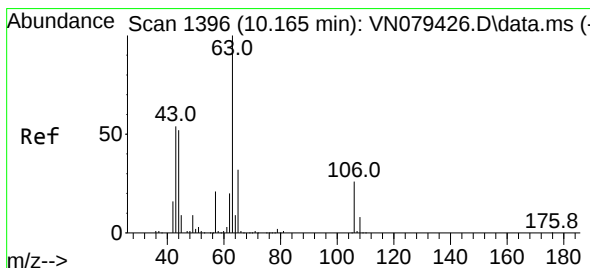
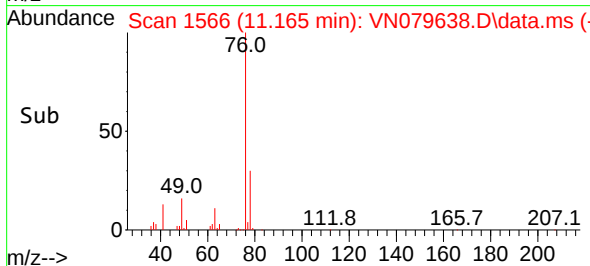
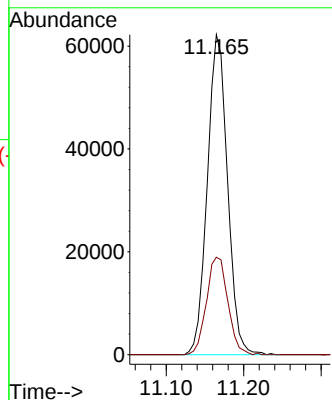
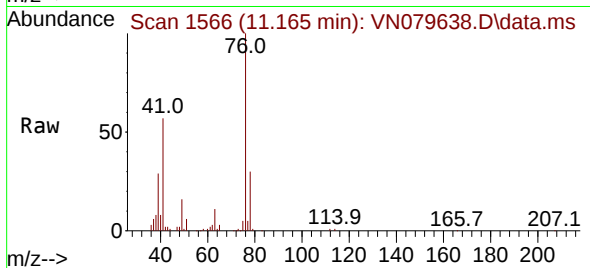
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.736 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079638.D

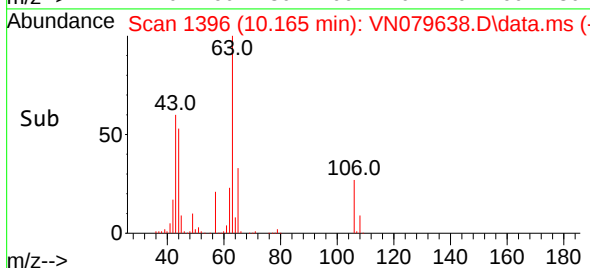
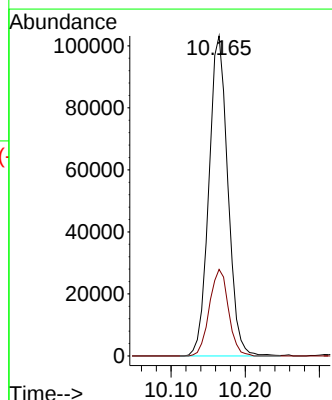
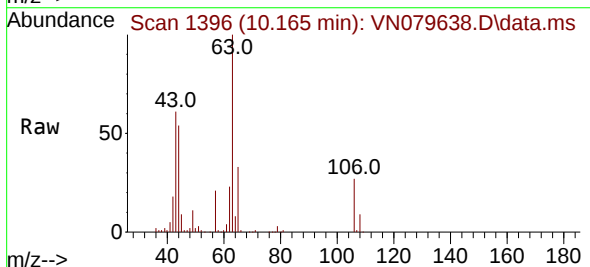
Acq: 23 Oct 2023 10:50

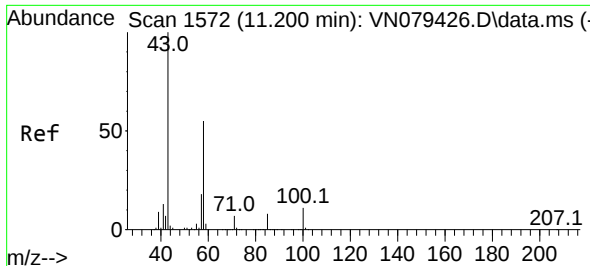
Tgt Ion: 63 Resp: 183198

Ion Ratio Lower Upper

63 100

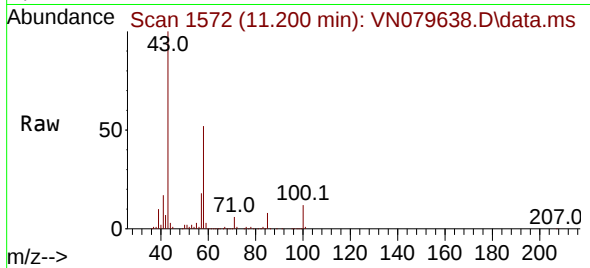
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 85.807 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

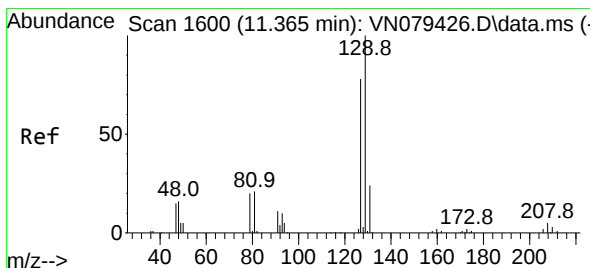
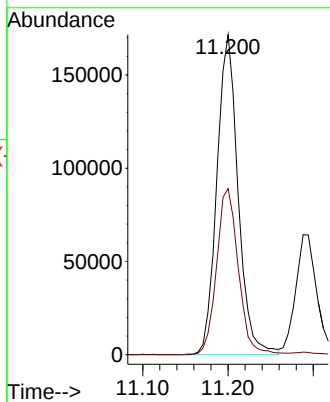
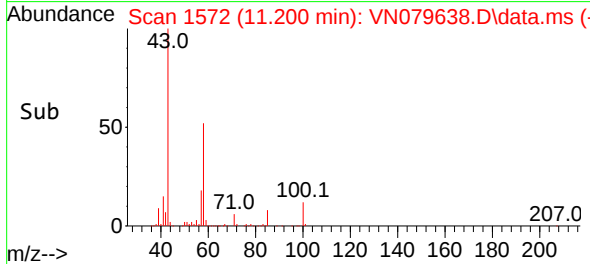
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 43 Resp: 297083
Ion Ratio Lower Upper
43 100
58 53.1 31.7 95.1

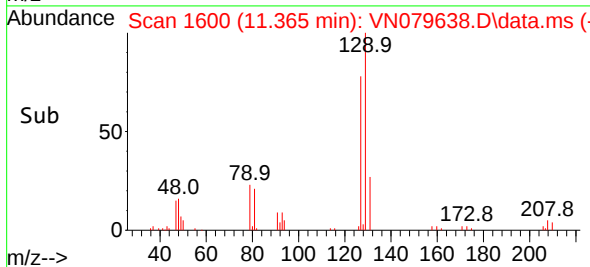
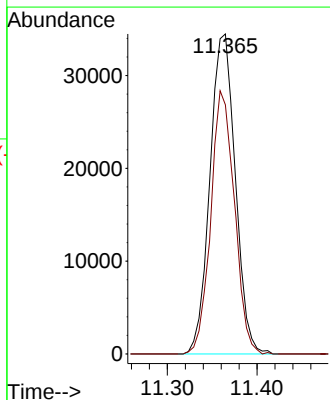
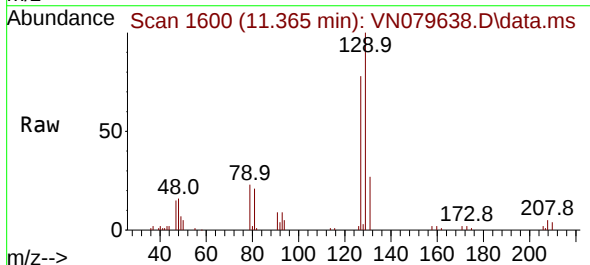
Manual Integrations
APPROVED

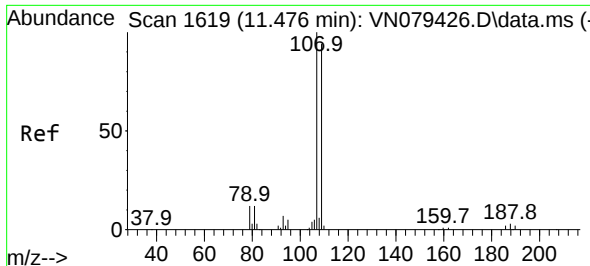
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
Dibromochloromethane
Concen: 19.696 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:129 Resp: 67736
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





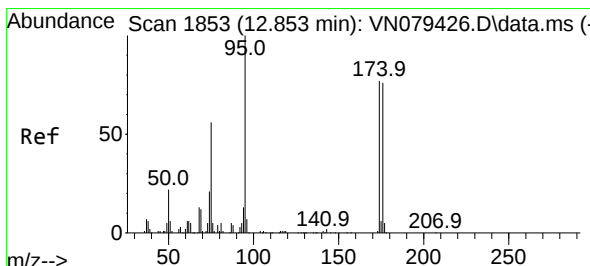
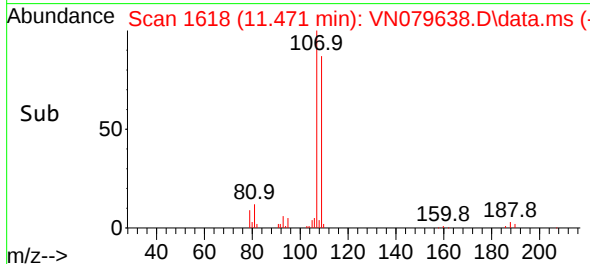
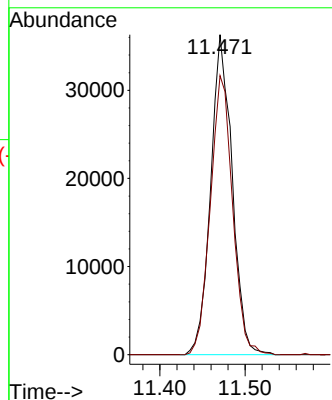
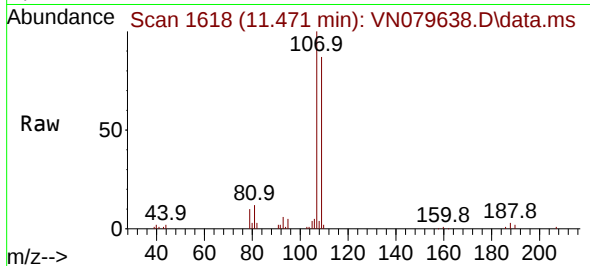
#61
1,2-Dibromoethane
Concen: 18.701 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion:107 Resp: 63500
Ion Ratio Lower Upper
107 100
109 90.3 76.6 114.8

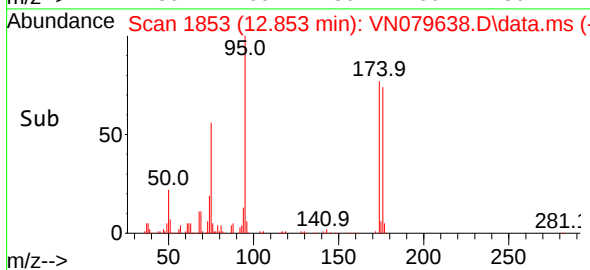
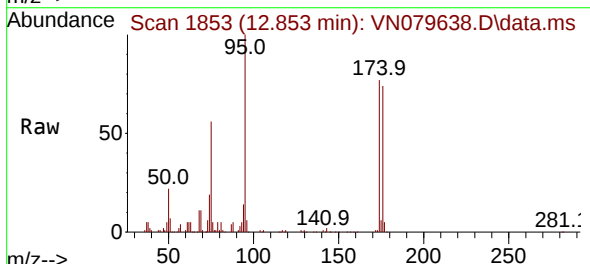
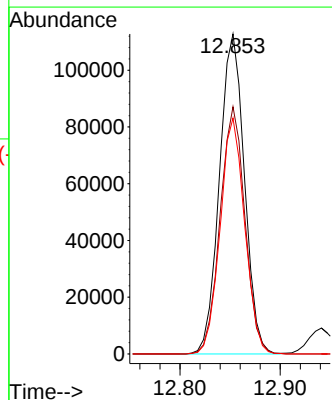
Manual Integrations
APPROVED

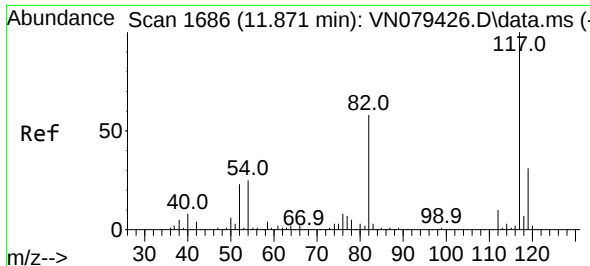
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#62
4-Bromofluorobenzene
Concen: 51.554 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

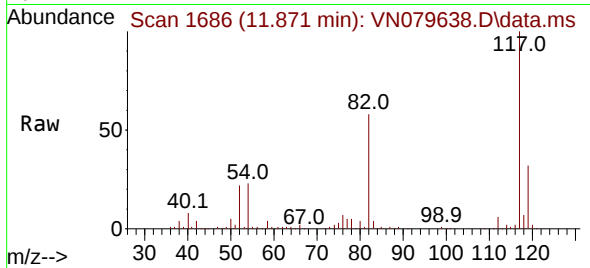
Tgt Ion: 95 Resp: 194470
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

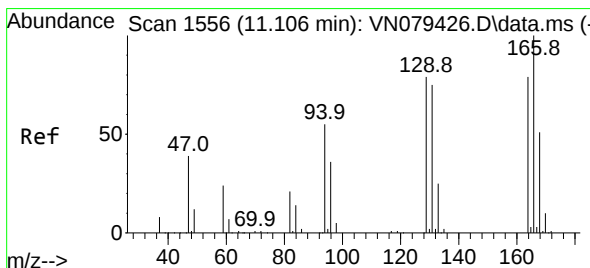
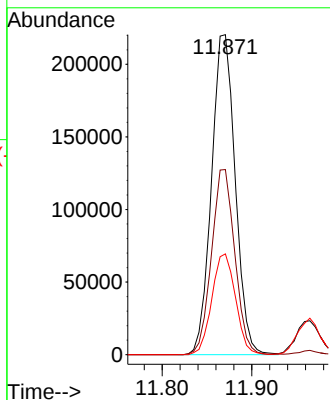
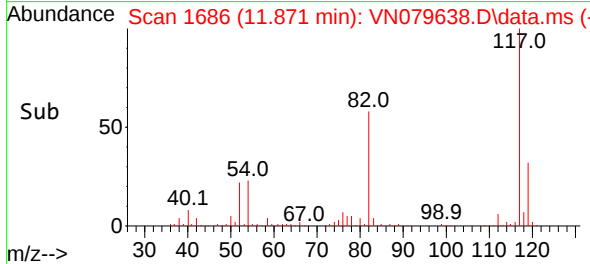
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion:117 Resp: 40540
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.5 25.6 38.4

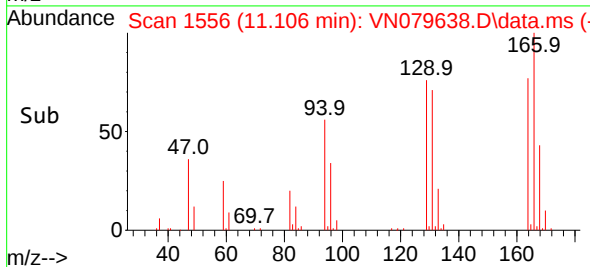
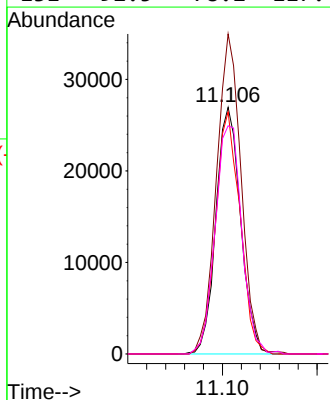
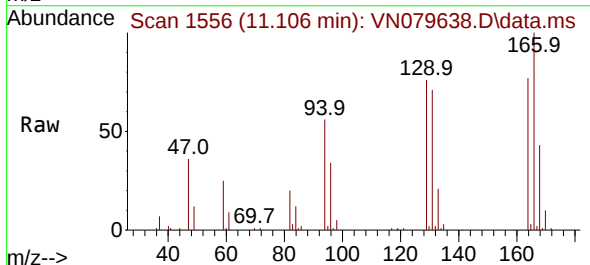
Manual Integrations
APPROVED

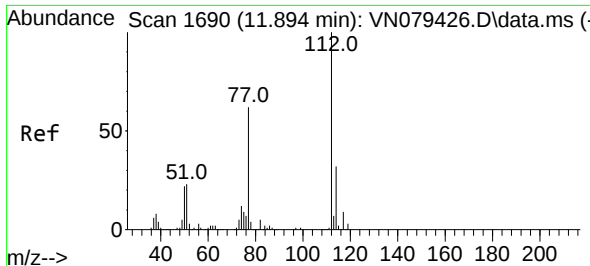
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#64
Tetrachloroethene
Concen: 17.509 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

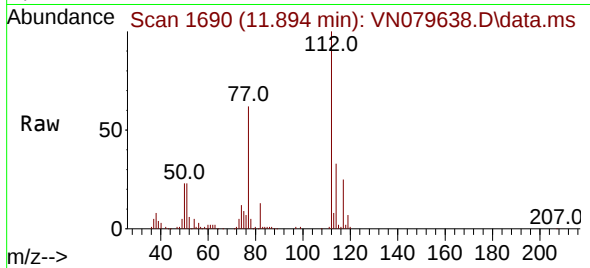
Tgt Ion:164 Resp: 48830
Ion Ratio Lower Upper
164 100
166 129.7 101.4 152.0
129 98.2 82.4 123.6
131 92.5 78.2 117.4





#65
Chlorobenzene
Concen: 18.256 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

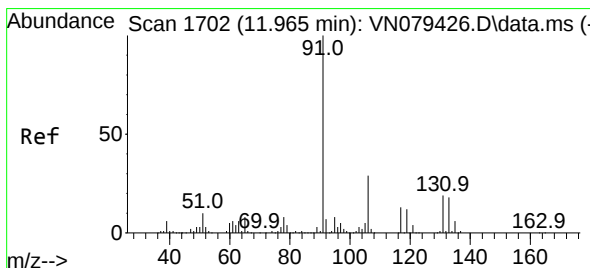
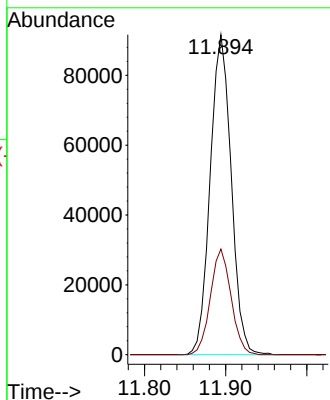
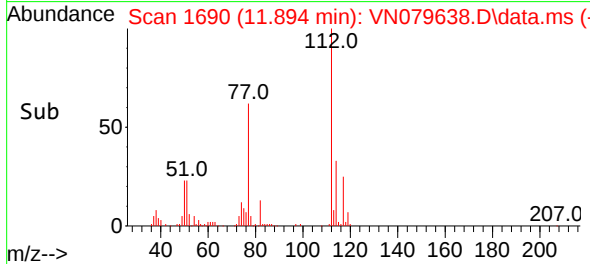
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



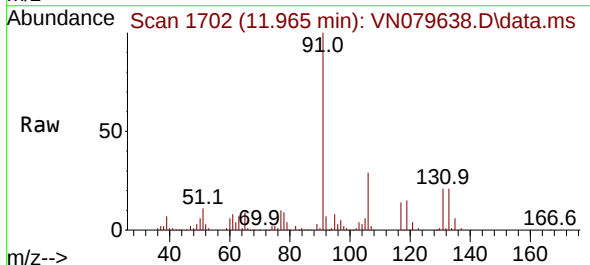
Tgt Ion:112 Resp: 164819
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

Manual Integrations
APPROVED

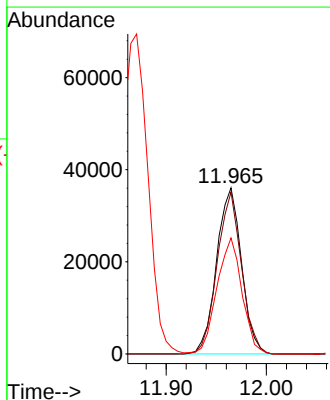
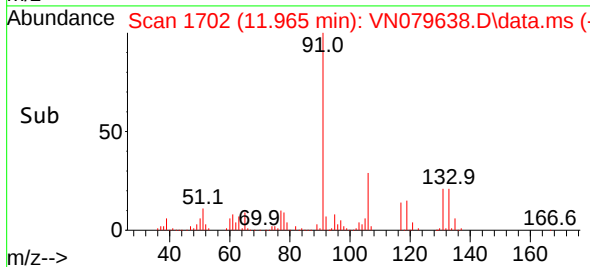
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.798 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



Tgt Ion:131 Resp: 62140
Ion Ratio Lower Upper
131 100
133 95.4 46.4 139.1
119 70.4 34.1 102.2





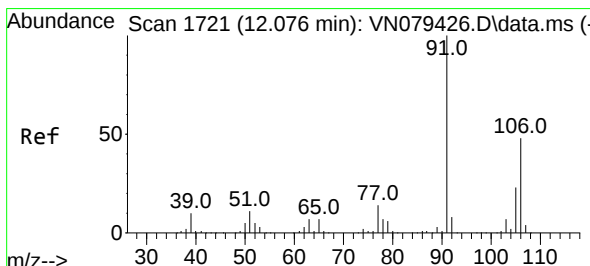
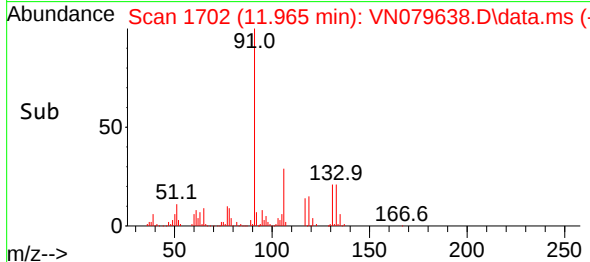
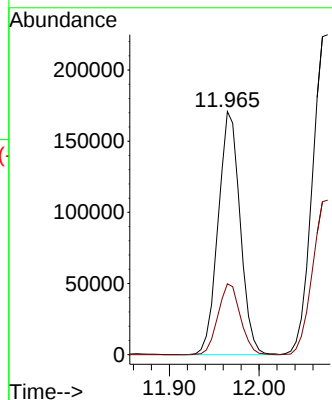
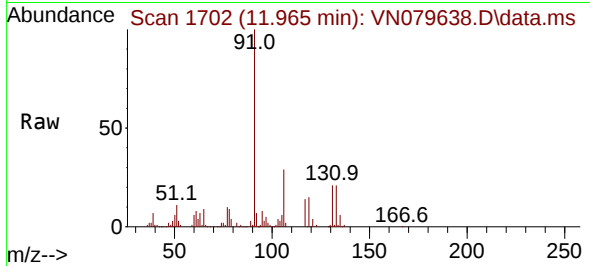
#67
Ethyl Benzene
Concen: 18.499 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 91 Resp: 290291
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

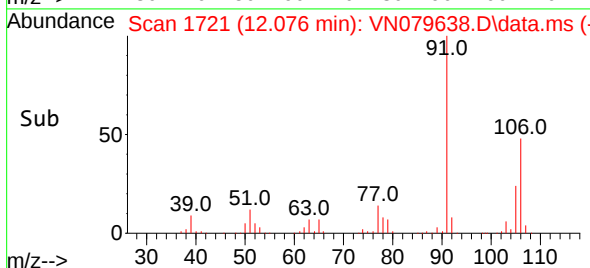
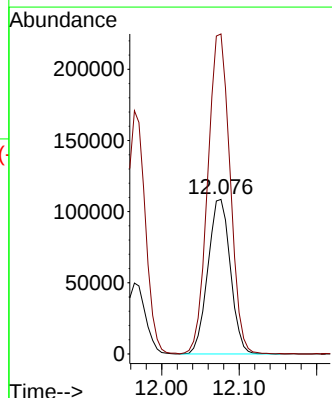
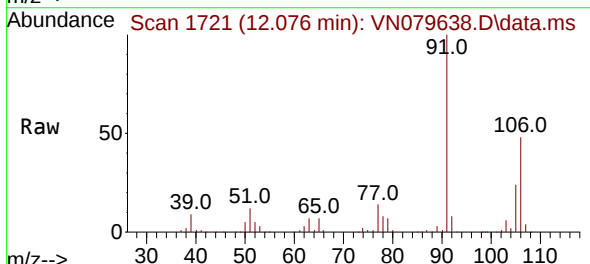
Manual Integrations
APPROVED

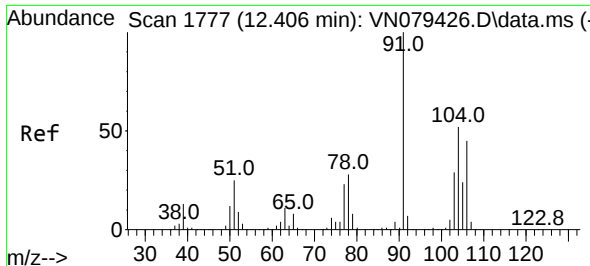
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#68
m/p-Xylenes
Concen: 38.372 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:106 Resp: 218787
Ion Ratio Lower Upper
106 100
91 205.3 159.6 239.4





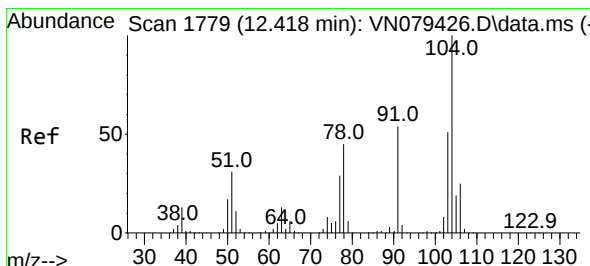
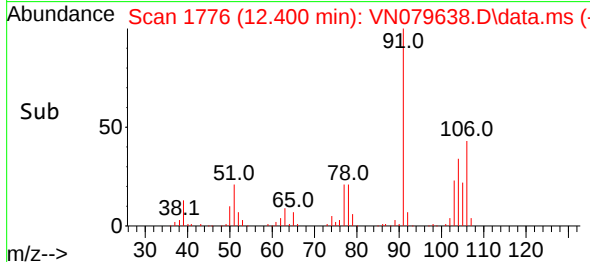
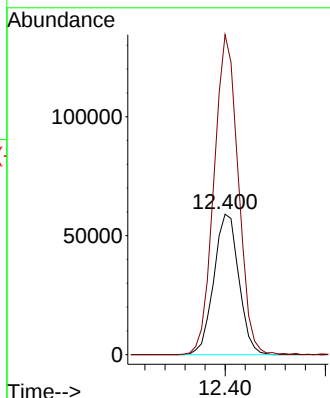
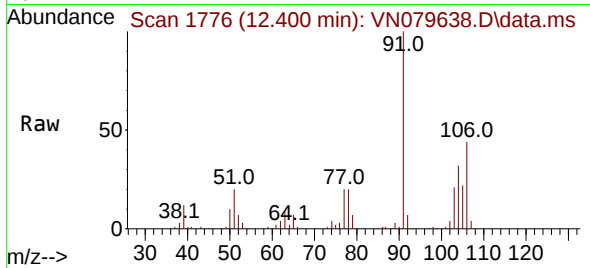
#69
o-Xylene
Concen: 18.193 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion:106 Resp: 10201
Ion Ratio Lower Upper
106 100
91 221.5 105.2 315.5

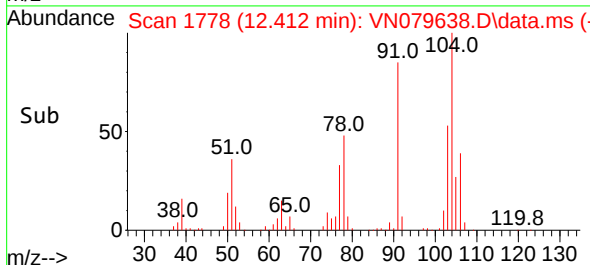
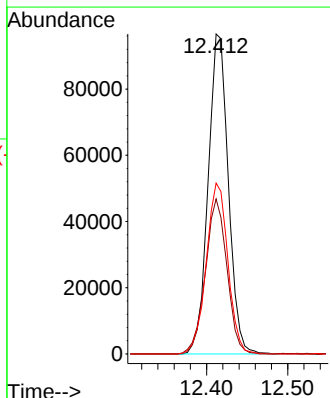
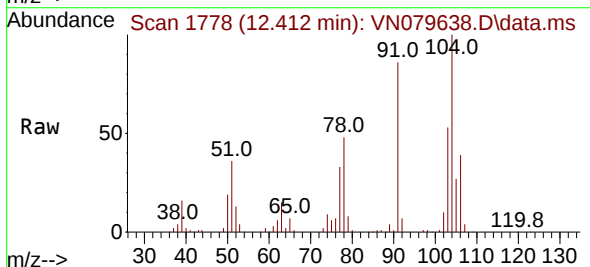
Manual Integrations
APPROVED

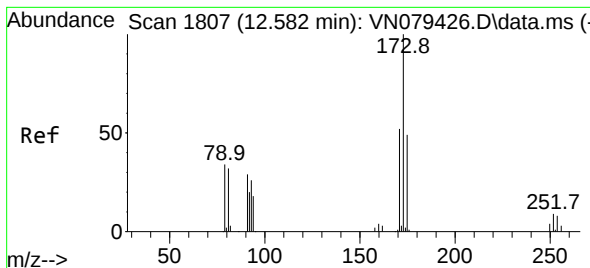
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#70
Styrene
Concen: 18.857 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:104 Resp: 167014
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 57.1 43.2 64.8





#71

Bromoform

Concen: 17.656 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

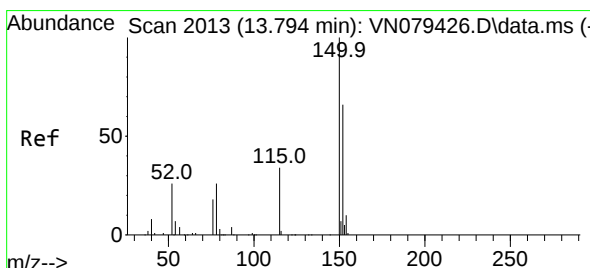
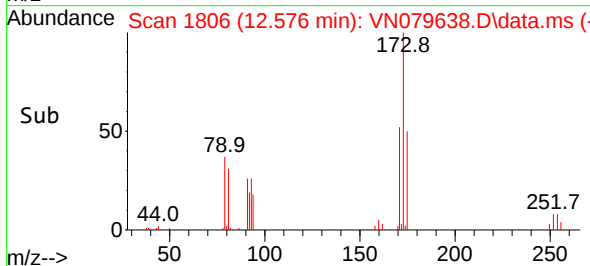
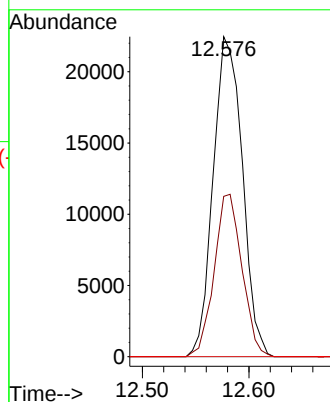
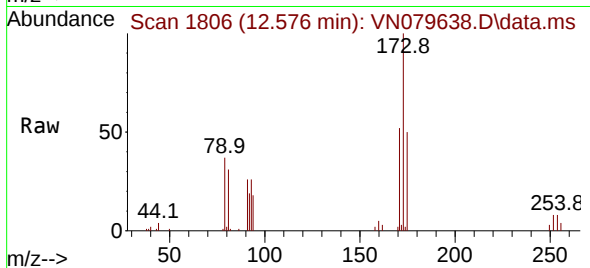
VN1023WBS01

Tgt Ion:173 Resp: 42710
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

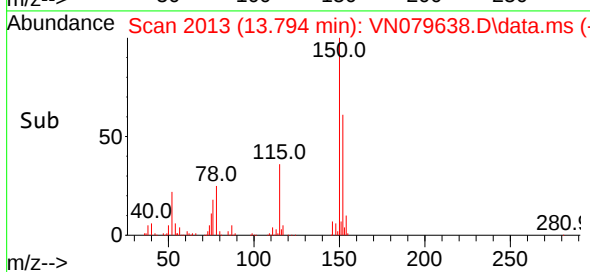
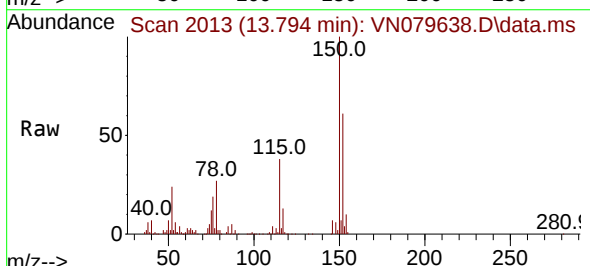
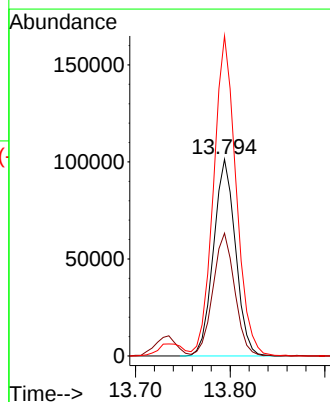
RT: 13.794 min Scan# 2013

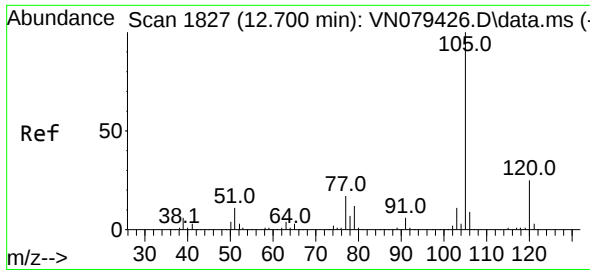
Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion:152 Resp: 163245
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 166.9 0.0 355.8





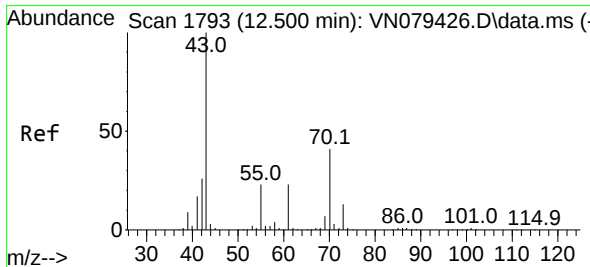
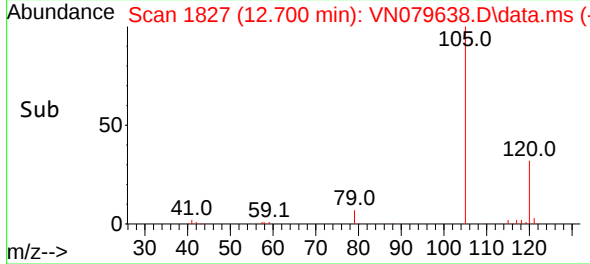
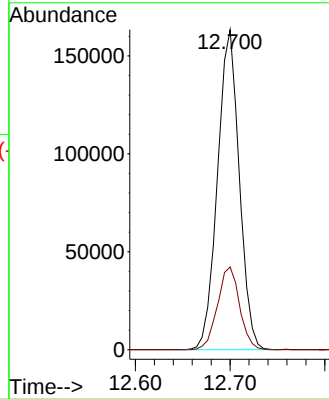
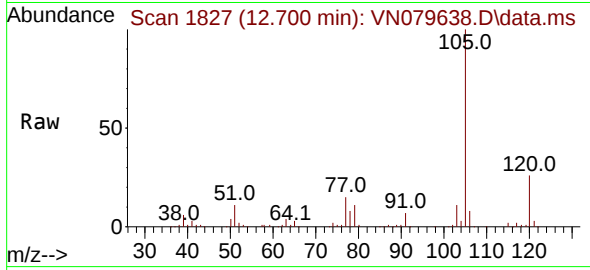
#73
Isopropylbenzene
Concen: 17.168 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion:105 Resp: 260732
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

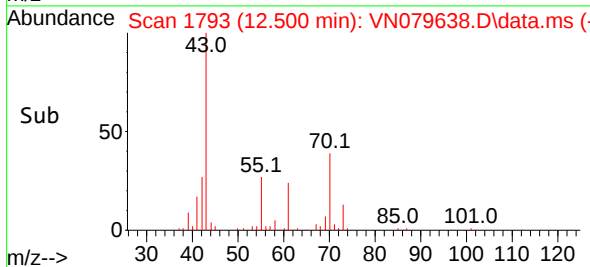
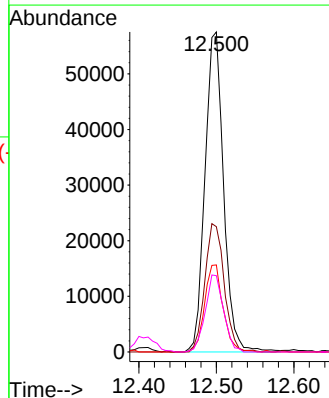
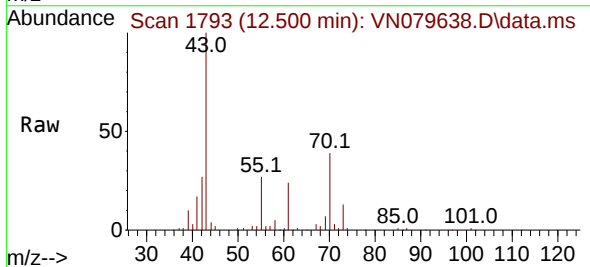
Manual Integrations
APPROVED

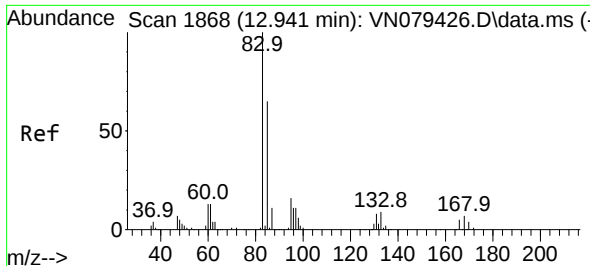
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#74
N-ethyl acetate
Concen: 15.424 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

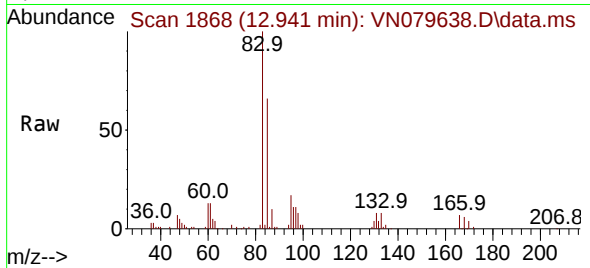
Tgt Ion: 43 Resp: 96030
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 26.9 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.369 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

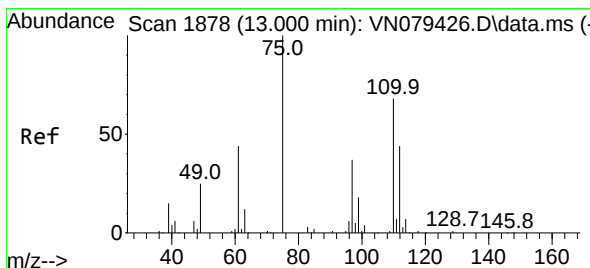
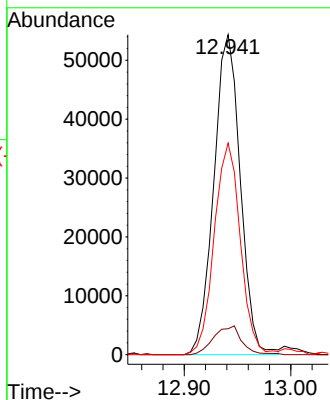
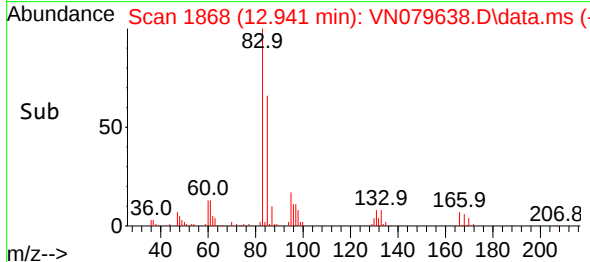
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 83 Resp: 93810
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.4 31.9 95.7

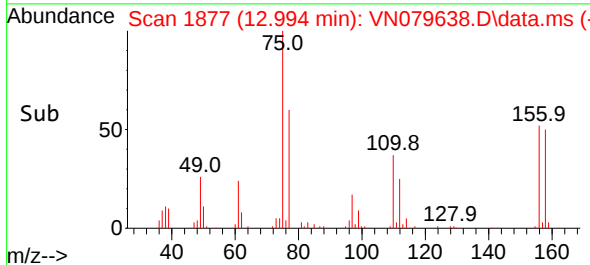
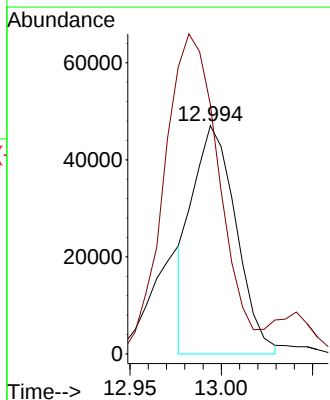
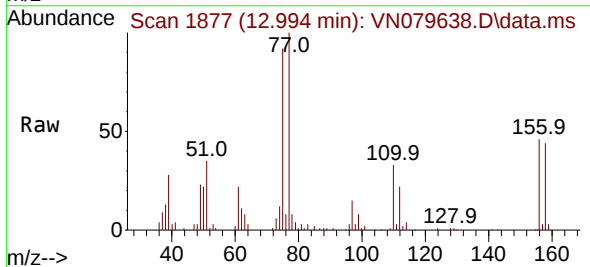
Manual Integrations
APPROVED

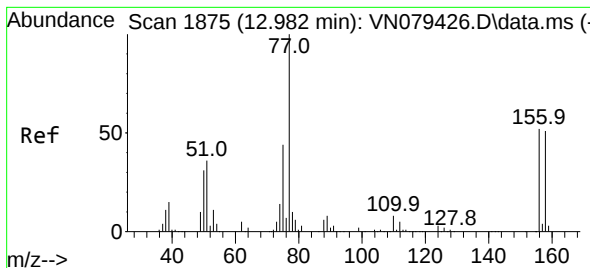
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
1,2,3-Trichloropropane
Concen: 16.684 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion: 75 Resp: 78527
Ion Ratio Lower Upper
75 100
77 177.9 84.5 253.5





#77

Bromobenzene

Concen: 16.856 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

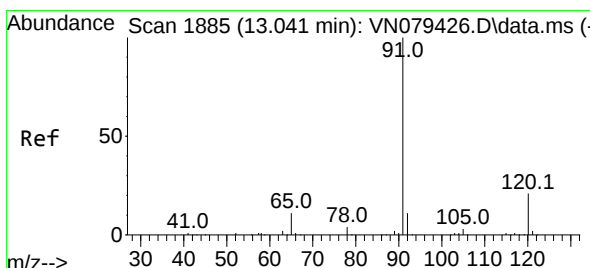
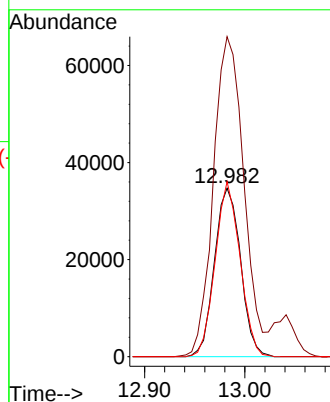
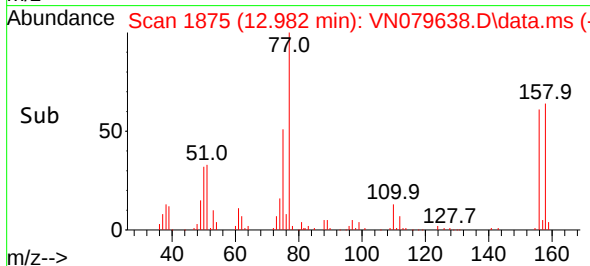
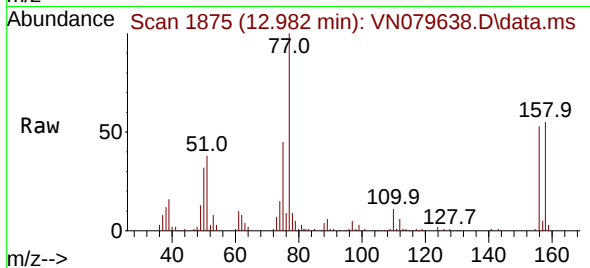
Tgt Ion:156 Resp: 62770
 Ion Ratio Lower Upper
 156 100
 77 222.5 107.7 323.3
 158 98.9 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#78

n-propylbenzene

Concen: 17.715 ug/l

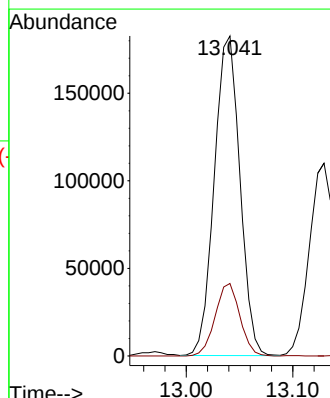
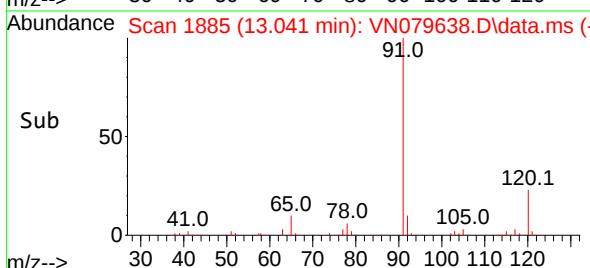
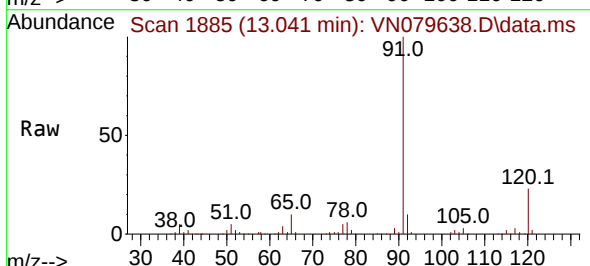
RT: 13.041 min Scan# 1885

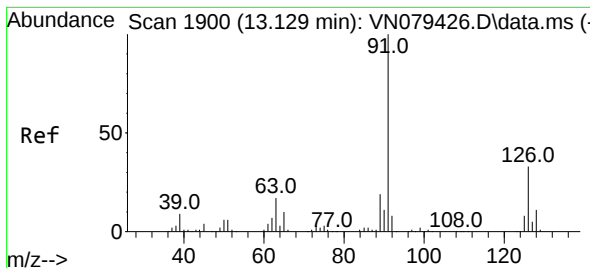
Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion: 91 Resp: 304394
 Ion Ratio Lower Upper
 91 100
 120 21.9 11.5 34.4





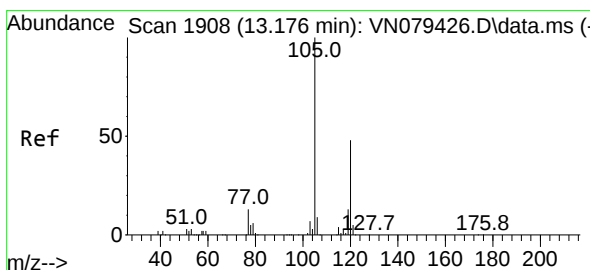
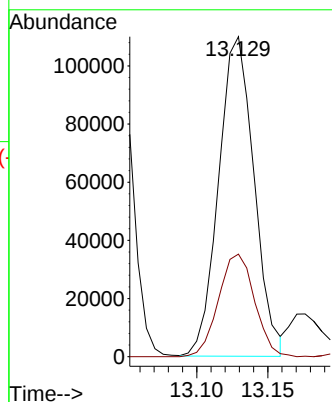
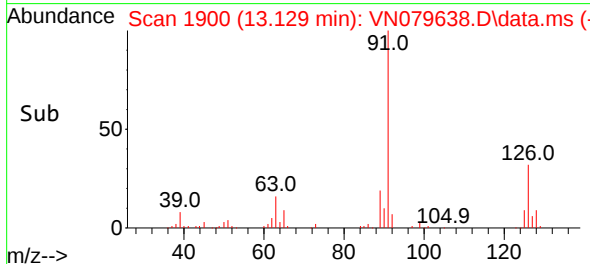
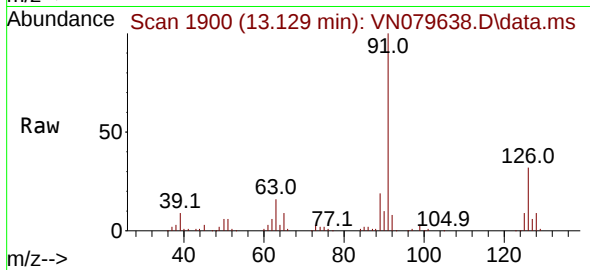
#79
2-Chlorotoluene
Concen: 17.351 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion: 91 Resp: 19078
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

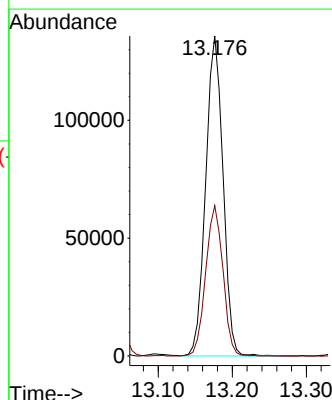
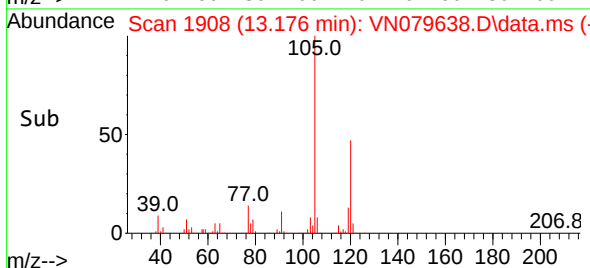
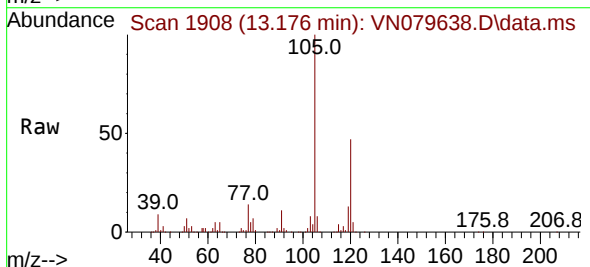
Manual Integrations
APPROVED

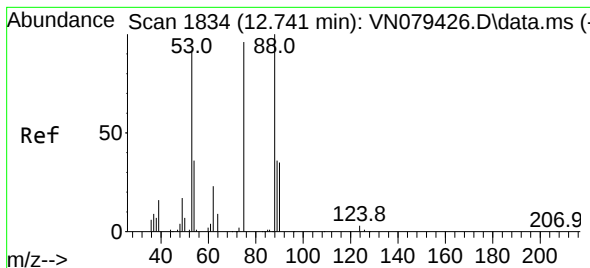
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.383 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

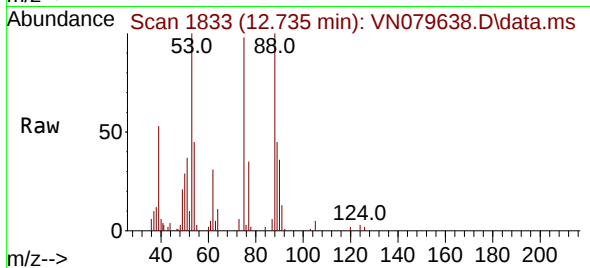
Tgt Ion:105 Resp: 220150
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 14.920 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

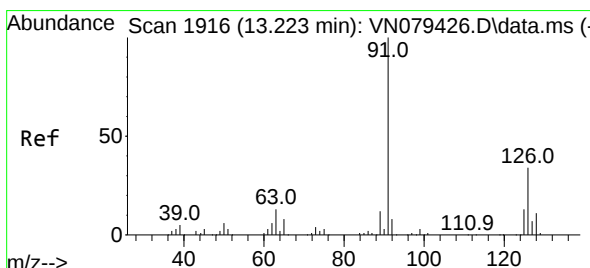
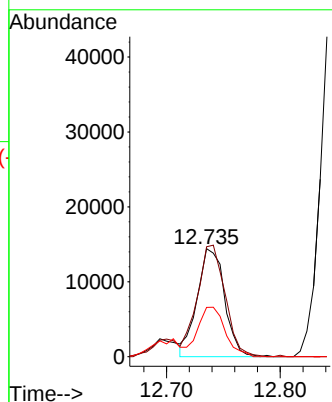
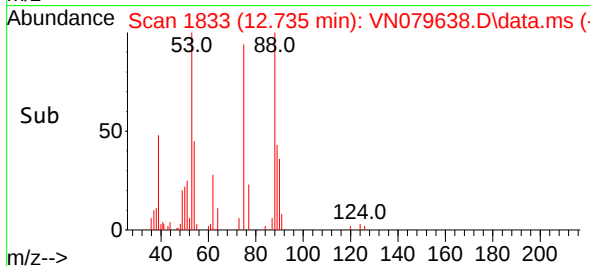
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 75 Resp: 2420
Ion Ratio Lower Upper
75 100
53 105.2 67.4 101.2
89 44.6 38.8 58.2

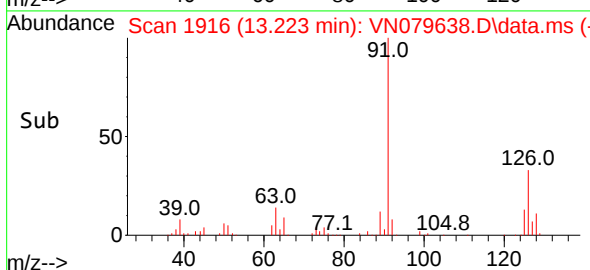
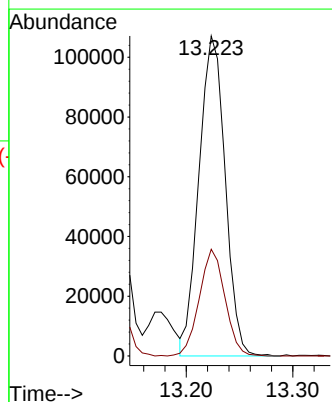
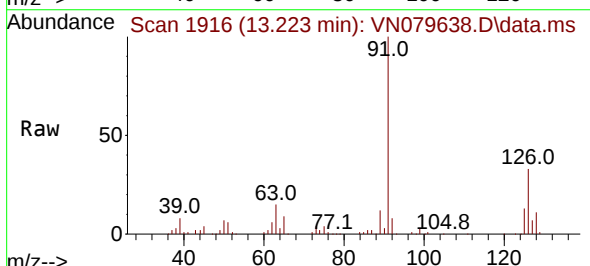
Manual Integrations
APPROVED

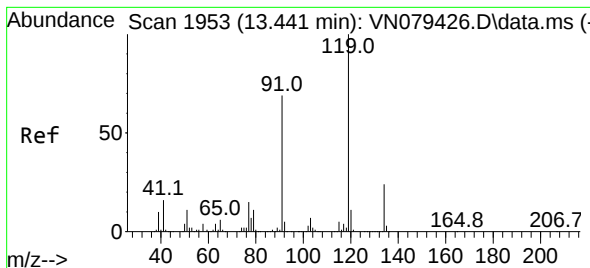
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#82
4-Chlorotoluene
Concen: 17.516 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

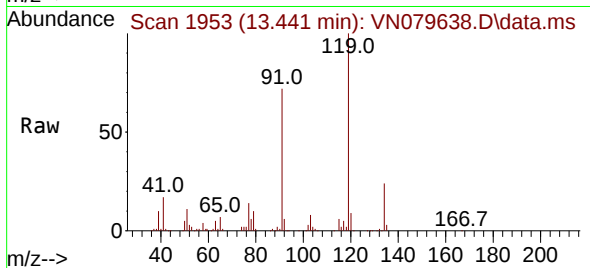
Tgt Ion: 91 Resp: 183268
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.715 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

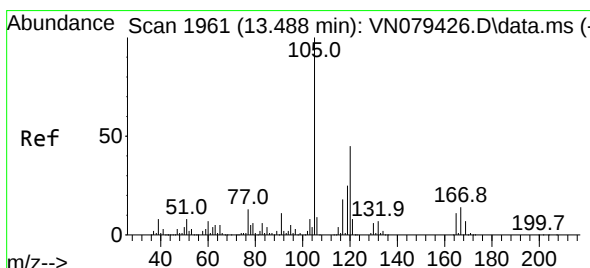
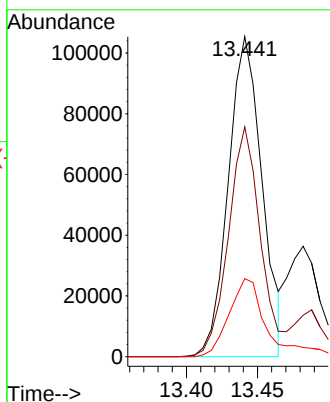
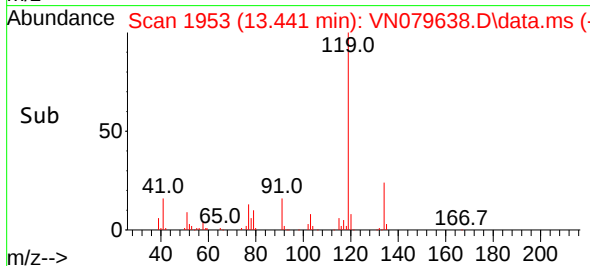
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



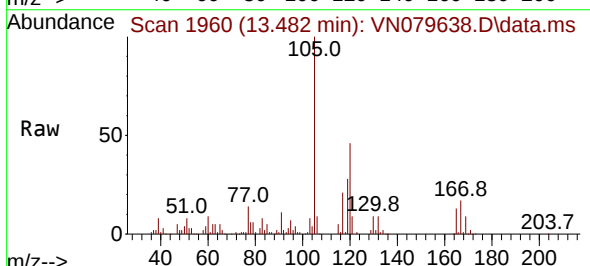
Tgt Ion:119 Resp: 173820
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 27.1 13.2 39.6

Manual Integrations
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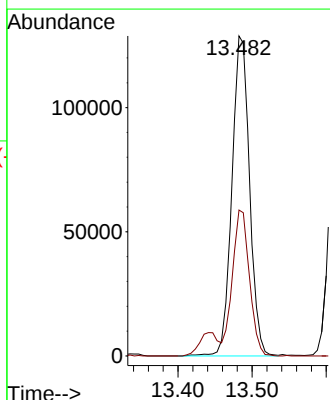
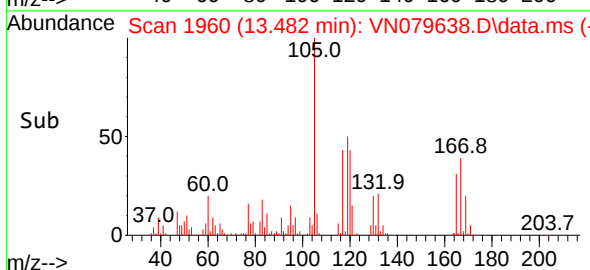
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.578 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



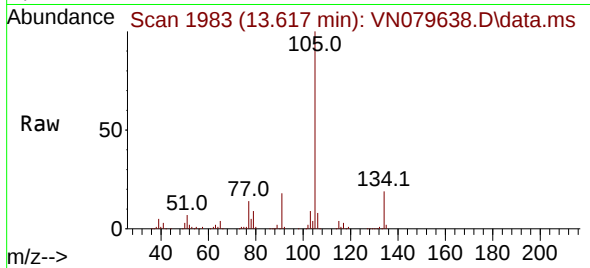
Tgt Ion:105 Resp: 212332
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.854 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50

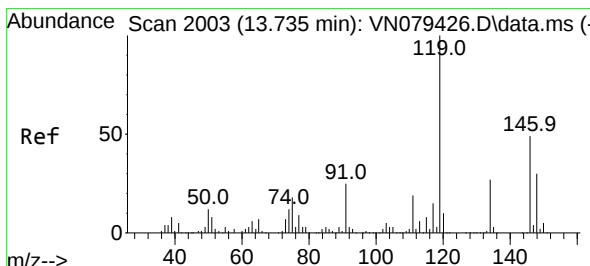
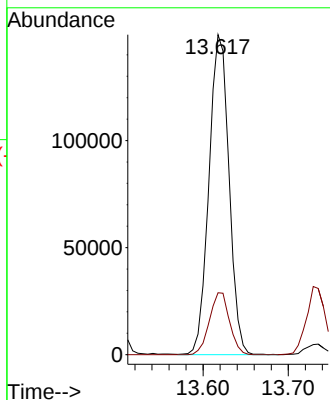
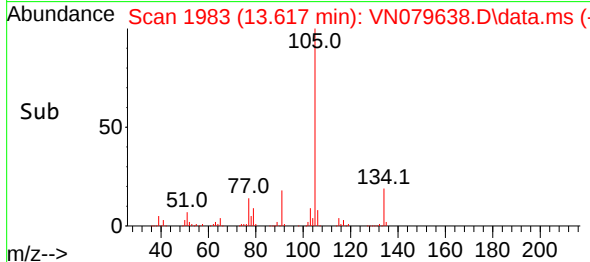
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS01



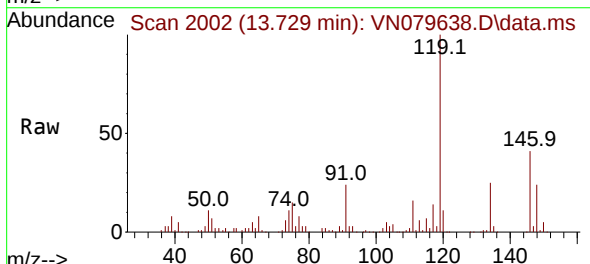
Tgt Ion:105 Resp: 244344
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

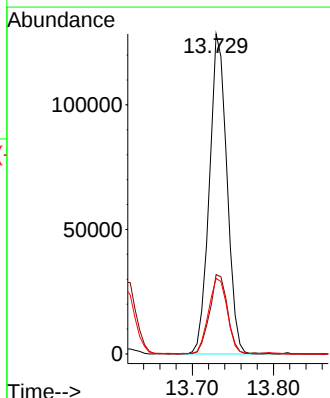
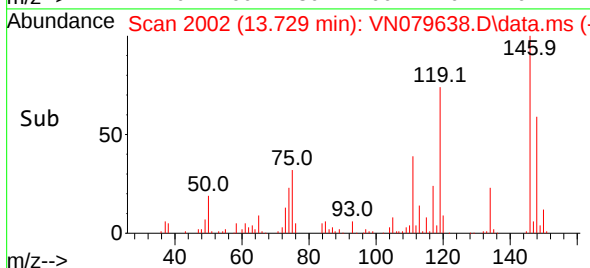
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

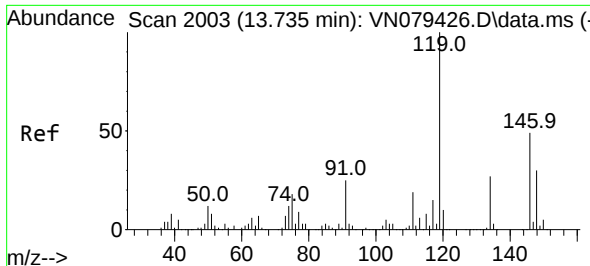


#86
 p-Isopropyltoluene
 Concen: 18.397 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079638.D
 Acq: 23 Oct 2023 10:50



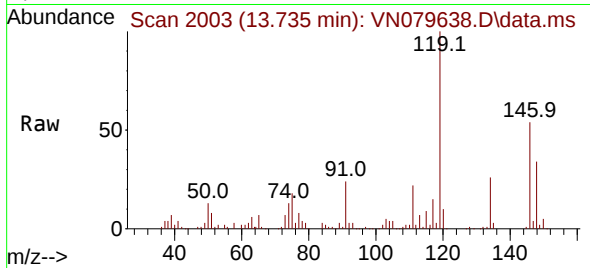
Tgt Ion:119 Resp: 193152
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.941 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

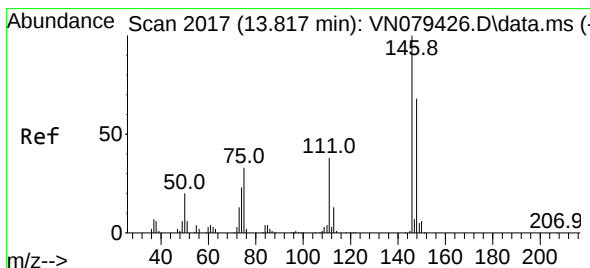
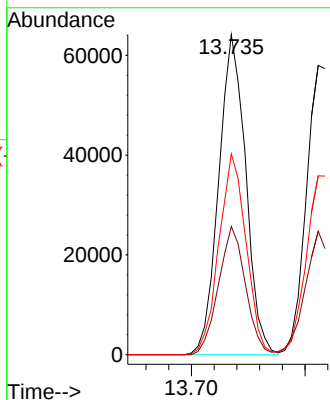
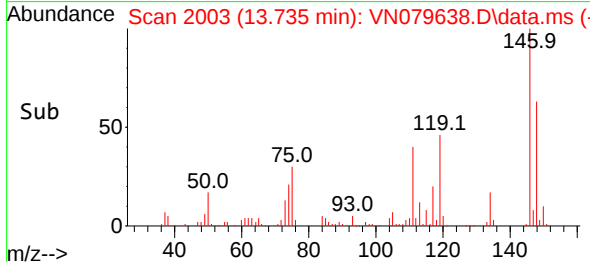
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



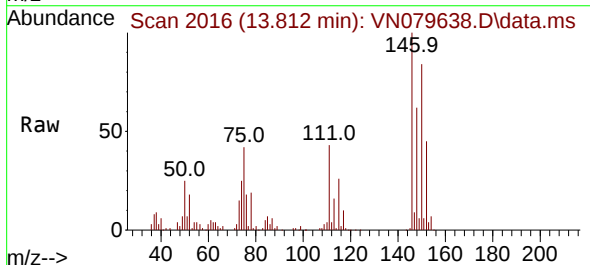
Tgt Ion:146 Resp: 10596
Ion Ratio Lower Upper
146 100
111 40.0 22.1 66.3
148 63.2 32.0 96.0

Manual Integrations
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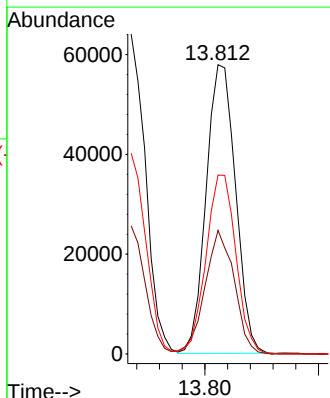
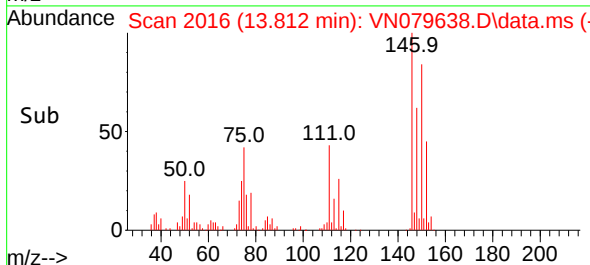
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

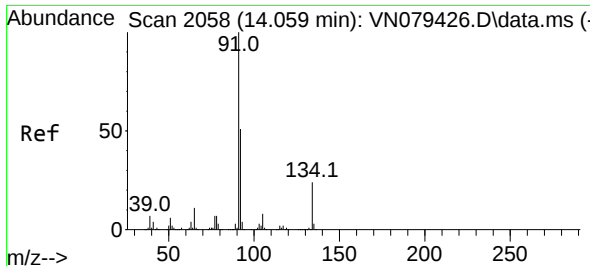


#88
1,4-Dichlorobenzene
Concen: 17.058 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50



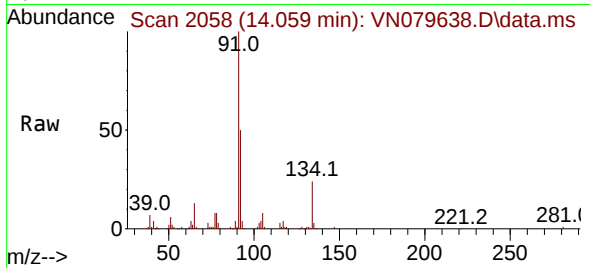
Tgt Ion:146 Resp: 104033
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 17.350 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

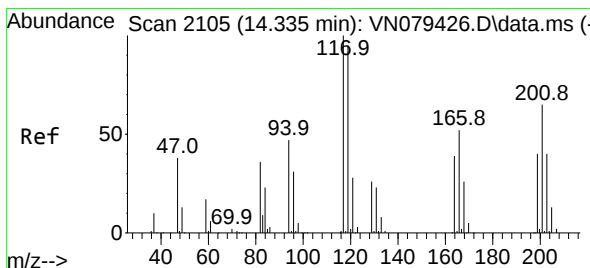
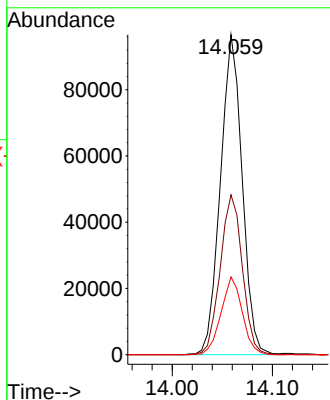
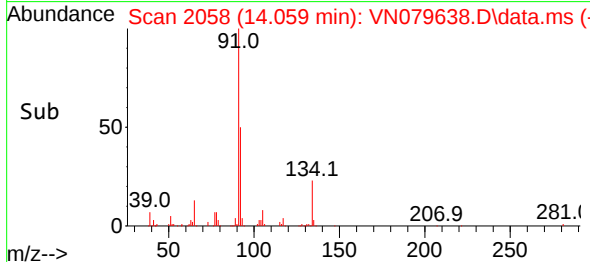
Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01



Tgt Ion: 91 Resp: 145460
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.8 12.6 37.6

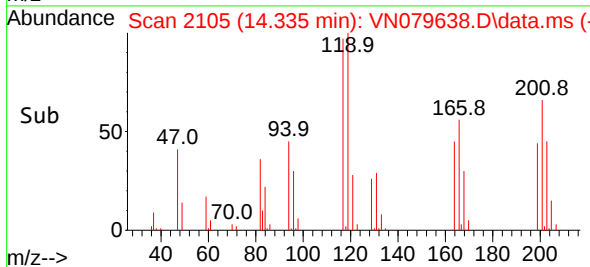
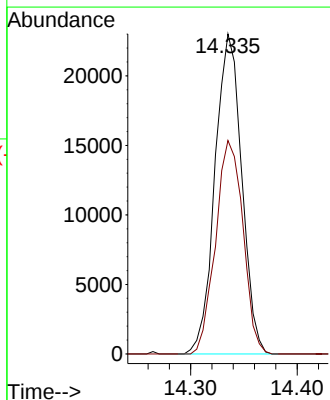
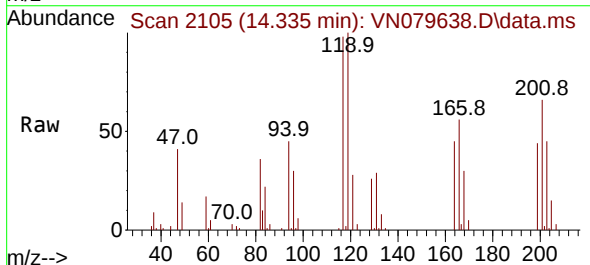
Manual Integrations
APPROVED

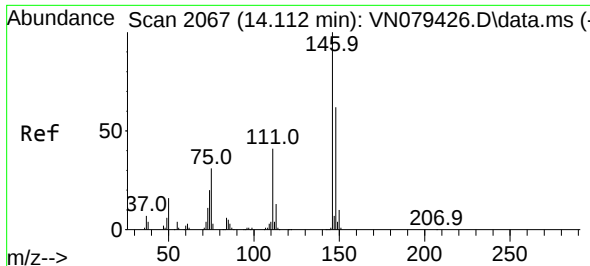
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#90
Hexachloroethane
Concen: 18.170 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:117 Resp: 40148
Ion Ratio Lower Upper
117 100
201 68.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.905 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion:146 Resp: 10315

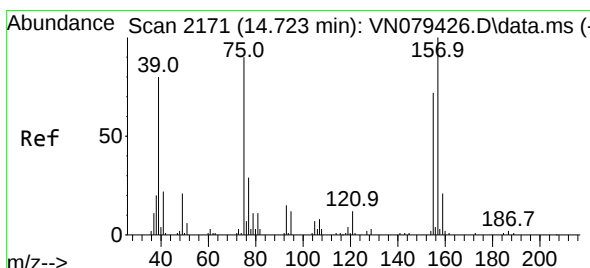
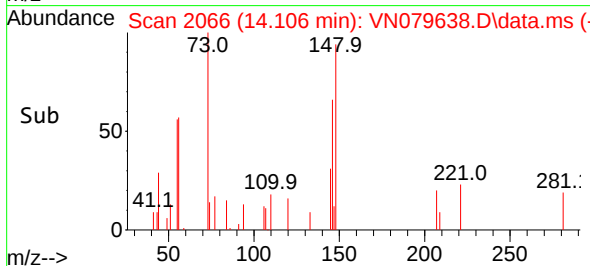
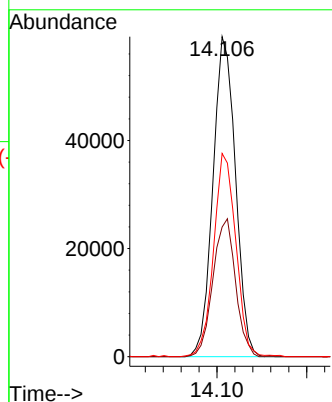
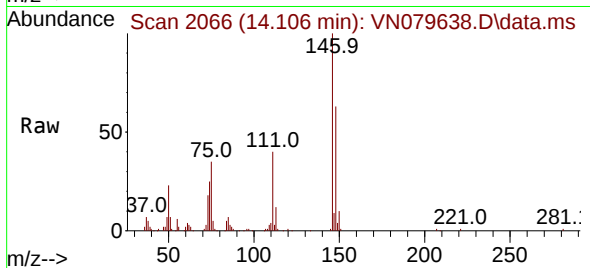
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.0	66.0
148	62.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.428 ug/l

RT: 14.723 min Scan# 2171

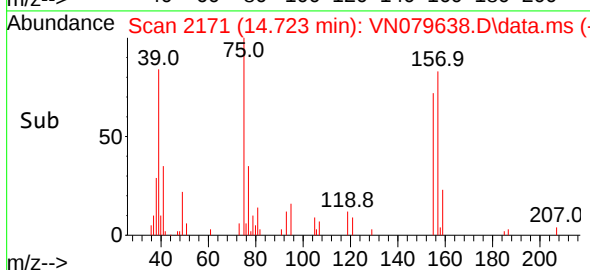
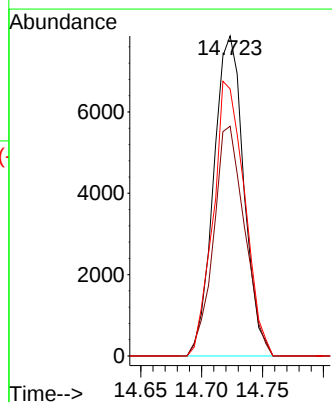
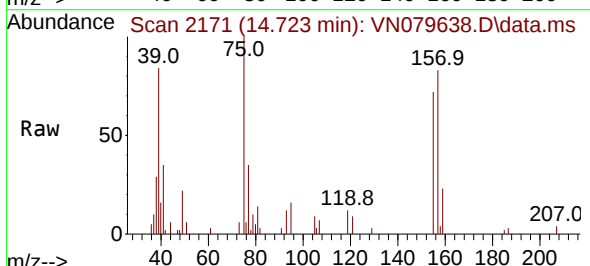
Delta R.T. 0.000 min

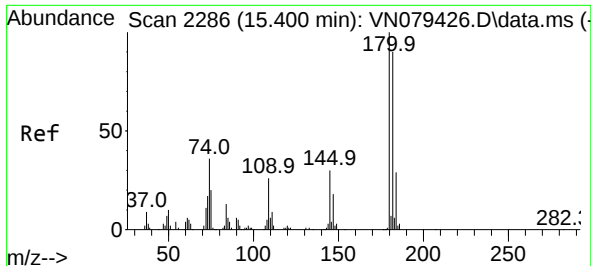
Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion: 75 Resp: 13549

Ion	Ratio	Lower	Upper
75	100		
155	73.9	39.1	117.2
157	89.2	50.3	150.9





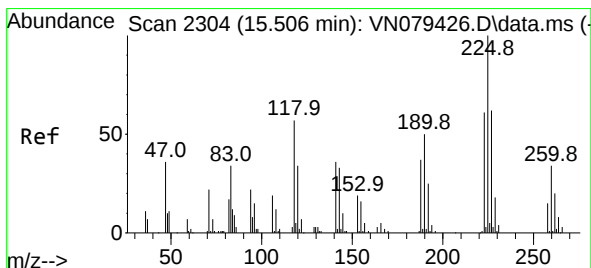
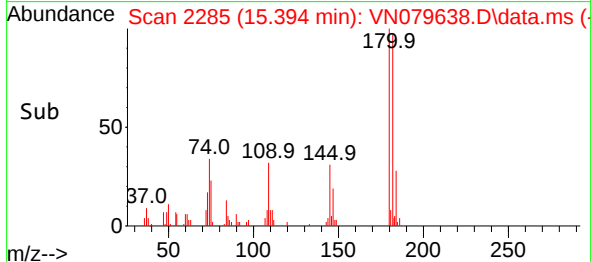
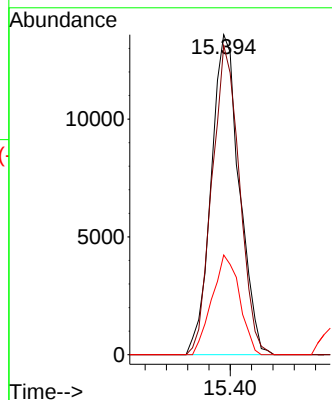
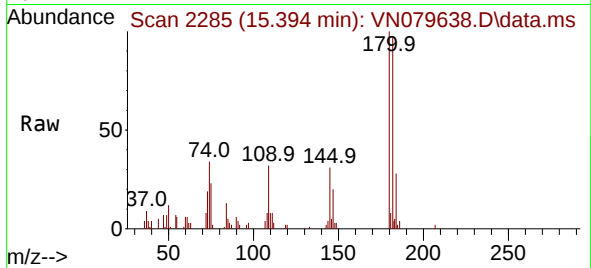
#93
1,2,4-Trichlorobenzene
Concen: 13.974 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS01

Tgt Ion:180 Resp: 24934
Ion Ratio Lower Upper
180 100
182 93.9 46.1 138.2
145 30.5 16.6 49.8

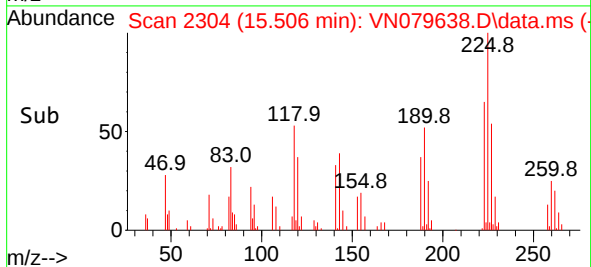
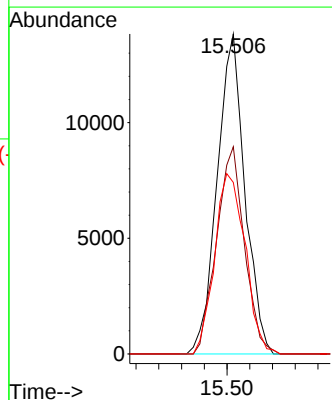
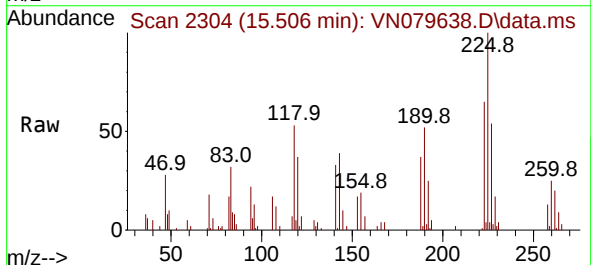
Manual Integrations
APPROVED

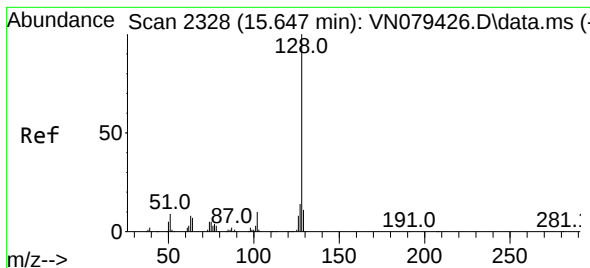
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#94
Hexachlorobutadiene
Concen: 16.824 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079638.D
Acq: 23 Oct 2023 10:50

Tgt Ion:225 Resp: 23381
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.8
227 62.1 31.9 95.9





#95

Naphthalene

Concen: 11.300 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS01

Tgt Ion:128 Resp: 61572

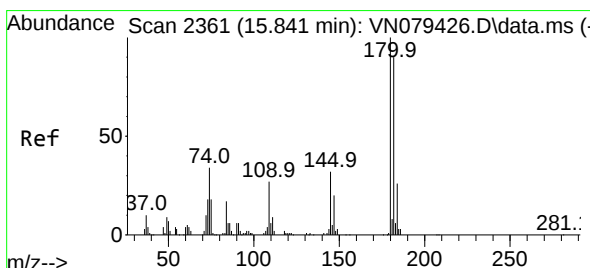
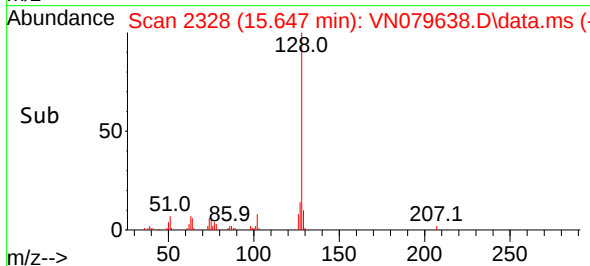
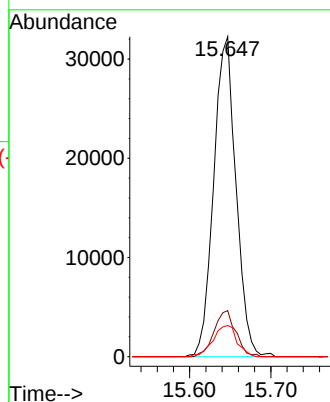
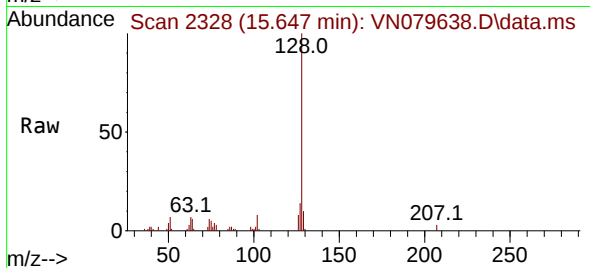
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.0	15.0
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 13.858 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079638.D

Acq: 23 Oct 2023 10:50

Tgt Ion:180 Resp: 29507

Ion	Ratio	Lower	Upper
180	100		
182	92.3	46.2	138.6
145	31.4	17.5	52.6

