

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079611.D
 Acq On : 19 Oct 2023 12:02
 Operator : JC\MD
 Sample : VN1019WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 01:27:17 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	228709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	358624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179604	48.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.860%		
35) Dibromofluoromethane	8.171	113	142185	49.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	10.571	98	520304	50.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.853	95	161343	48.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	58367	17.810	ug/l	96
3) Chloromethane	2.365	50	67581	16.527	ug/l	98
4) Vinyl Chloride	2.518	62	73169	17.202	ug/l	98
5) Bromomethane	2.959	94	44899	17.633	ug/l	94
6) Chloroethane	3.124	64	48945	15.263	ug/l	95
7) Trichlorofluoromethane	3.500	101	91231	18.166	ug/l	99
8) Diethyl Ether	3.965	74	33466	18.692	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	53722	18.305	ug/l	97
10) Methyl Iodide	4.589	142	51906	20.382	ug/l	98
11) Tert butyl alcohol	5.524	59	45198	80.981	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	47516	17.584	ug/l #	81
13) Acrolein	4.189	56	58162	104.656	ug/l	96
14) Allyl chloride	5.030	41	70196	16.097	ug/l	91
15) Acrylonitrile	5.718	53	148864	91.998	ug/l	99
16) Acetone	4.430	43	141630	96.291	ug/l	95
17) Carbon Disulfide	4.712	76	132025	15.663	ug/l	96
18) Methyl Acetate	5.030	43	122844	17.064	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	166916	19.011	ug/l	93
20) Methylene Chloride	5.289	84	62151	18.922	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	54108	17.144	ug/l #	77
22) Diisopropyl ether	6.677	45	188282	19.255	ug/l #	92
23) Vinyl Acetate	6.606	43	501139	91.111	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	108799	18.180	ug/l	95
25) 2-Butanone	7.488	43	201399	92.255	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	89200	19.504	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	63879	18.631	ug/l	86
28) Bromochloromethane	7.818	49	37979	13.338	ug/l #	75
29) Tetrahydrofuran	7.847	42	122451	86.729	ug/l #	77
30) Chloroform	7.971	83	114336	18.909	ug/l	98
31) Cyclohexane	8.259	56	85305	16.217	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	96147	18.895	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78225	18.151	ug/l	95
37) Ethyl Acetate	7.571	43	80403	18.750	ug/l #	91
38) Carbon Tetrachloride	8.365	117	79363	18.395	ug/l	98
39) Methylcyclohexane	9.606	83	73147	17.666	ug/l	90
40) Benzene	8.612	78	243683	19.040	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	42183	18.711	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	89163	19.172	ug/l	97
43) Isopropyl Acetate	8.694	43	128325	17.081	ug/l #	90
44) Trichloroethene	9.359	130	56894	18.887	ug/l	97
45) 1,2-Dichloropropane	9.624	63	65268	19.355	ug/l	99
46) Dibromomethane	9.712	93	43811	20.060	ug/l	96
47) Bromodichloromethane	9.894	83	88449	19.688	ug/l	96
48) Methyl methacrylate	9.682	41	55427	17.217	ug/l	85
49) 1,4-Dioxane	9.694	88	21450	361.727	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	405839	95.696	ug/l	88
52) Toluene	10.635	92	146290	19.418	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	85300	18.841	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97385	19.649	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	58886	19.469	ug/l	93
56) Ethyl methacrylate	10.882	69	79774	19.194	ug/l #	80
57) 1,3-Dichloropropane	11.171	76	103960	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	178656	112.245	ug/l #	87
59) 2-Hexanone	11.200	43	287229	93.857	ug/l	87
60) Dibromochloromethane	11.365	129	61650	20.281	ug/l	98
61) 1,2-Dibromoethane	11.470	107	57527	19.166	ug/l	100
64) Tetrachloroethene	11.112	164	47860	19.400	ug/l	96
65) Chlorobenzene	11.894	112	150229	18.810	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	56823	19.431	ug/l	97
67) Ethyl Benzene	11.970	91	260095	18.737	ug/l	96
68) m/p-Xylenes	12.076	106	195630	38.786	ug/l	93
69) o-Xylene	12.406	106	91120	18.370	ug/l	87
70) Styrene	12.417	104	154508	19.720	ug/l	98
71) Bromoform	12.576	173	39826	18.608	ug/l #	98
73) Isopropylbenzene	12.700	105	237012	17.988	ug/l	99
74) N-amyl acetate	12.500	43	92118	17.053	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	89399	20.299	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	76383m	18.705	ug/l	
77) Bromobenzene	12.982	156	56872	17.603	ug/l	93
78) n-propylbenzene	13.041	91	286271	19.203	ug/l	96
79) 2-Chlorotoluene	13.129	91	172360	18.068	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	195246	18.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23389	16.619	ug/l #	78
82) 4-Chlorotoluene	13.229	91	168599	18.573	ug/l	99
83) tert-Butylbenzene	13.441	119	157527	18.505	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	196620	19.829	ug/l	100
85) sec-Butylbenzene	13.623	105	222384	18.729	ug/l	100
86) p-Isopropyltoluene	13.735	119	174416	19.148	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	98310	19.185	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	94796	17.916	ug/l	99
89) n-Butylbenzene	14.059	91	137697	18.930	ug/l	97
90) Hexachloroethane	14.335	117	35634	18.613	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	95850	19.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12246	16.073	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	24602	15.892	ug/l	99
94) Hexachlorobutadiene	15.506	225	22124	18.350	ug/l	97
95) Naphthalene	15.647	128	64447	13.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	29955	16.215	ug/l	94

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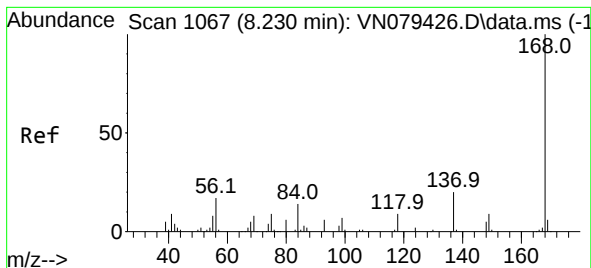
Manual Integrations
APPROVED

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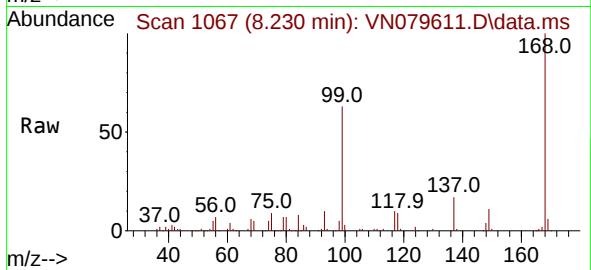
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079611.D
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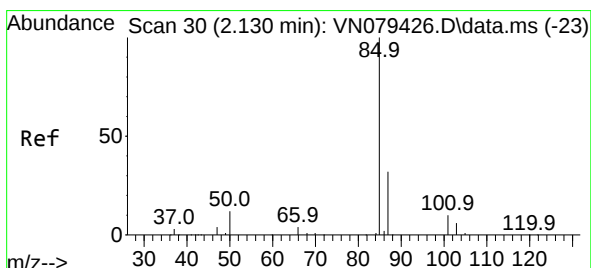
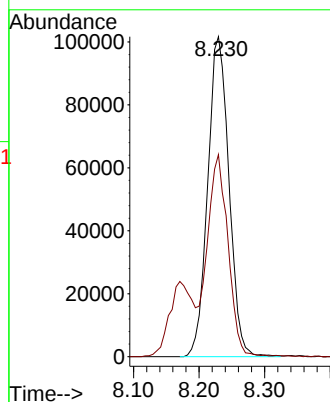
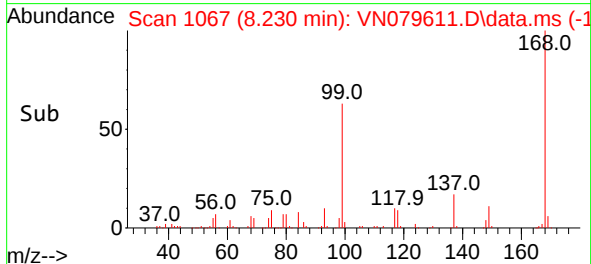
Instrument :
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ClientSampleId :
VN1019WBSD01



Tgt Ion:168 Resp: 228709
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6

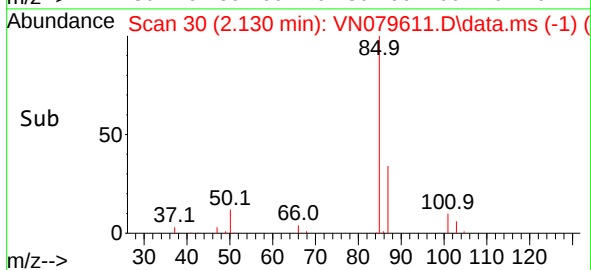
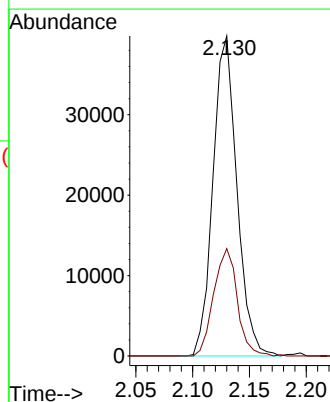
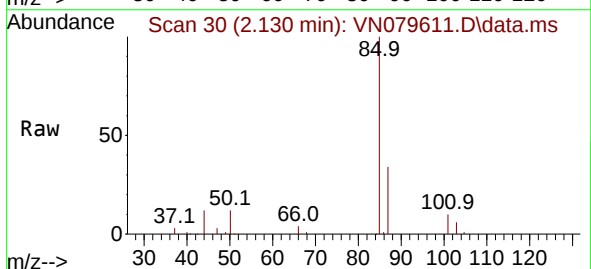
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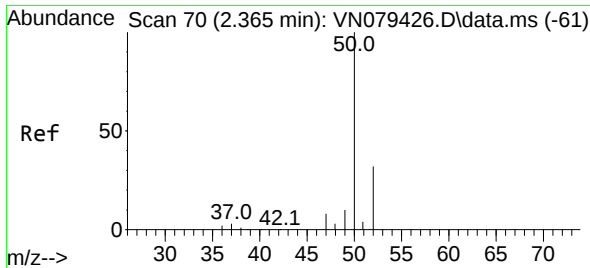
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 17.810 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

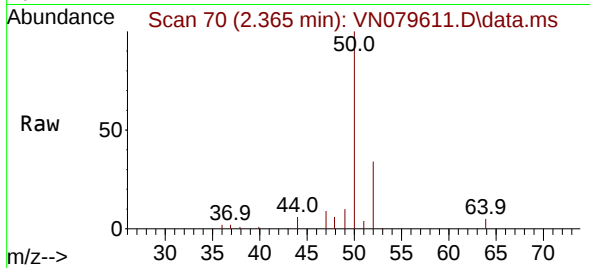
Tgt Ion: 85 Resp: 58367
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





#3
Chloromethane
Concen: 16.527 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

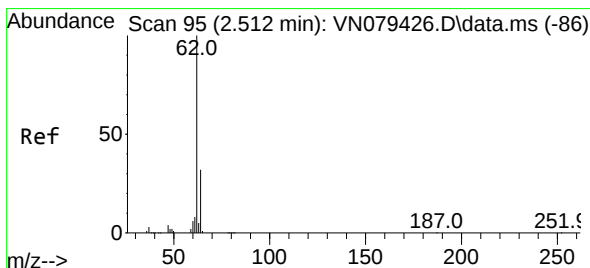
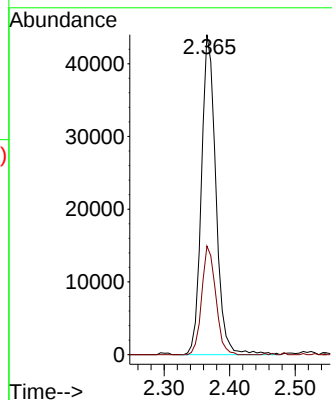
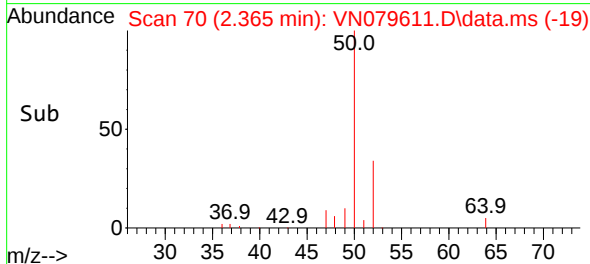
Instrument :
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Tgt Ion: 50 Resp: 6758
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

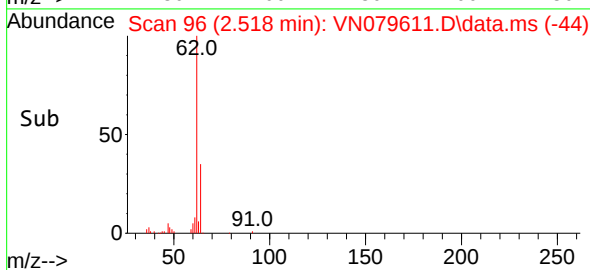
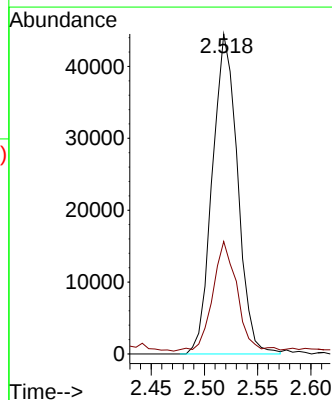
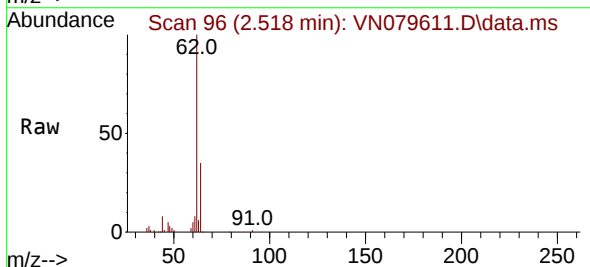
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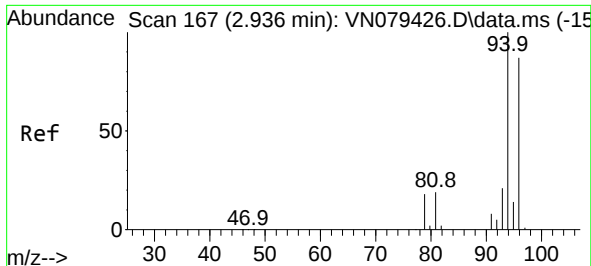
Reviewed By :John Carlone 10/20/2023
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#4
Vinyl Chloride
Concen: 17.202 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

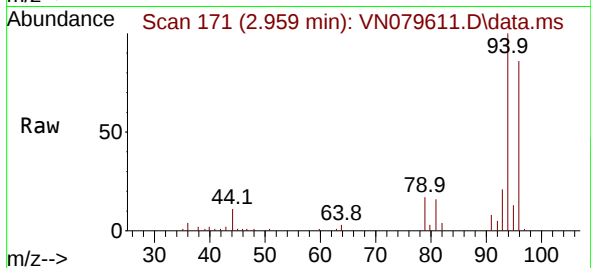
Tgt Ion: 62 Resp: 73169
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2





#5
Bromomethane
Concen: 17.633 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.023 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

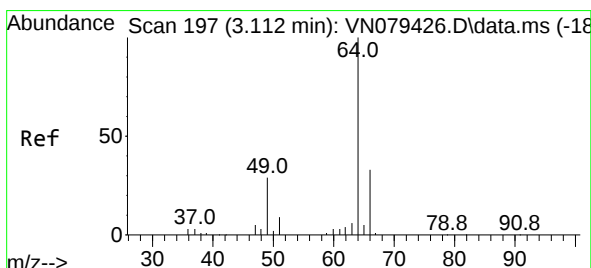
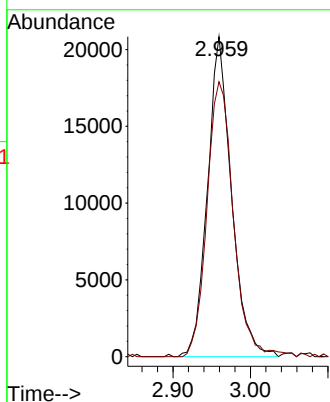
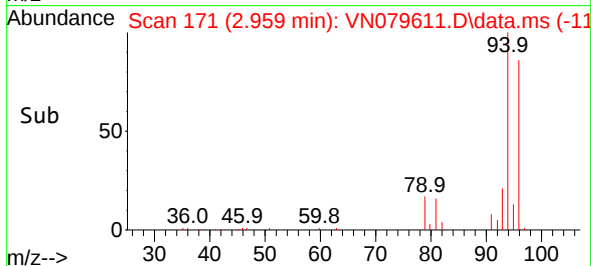
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Tgt Ion: 94 Resp: 44895
Ion Ratio Lower Upper
94 100
96 85.9 73.1 109.7

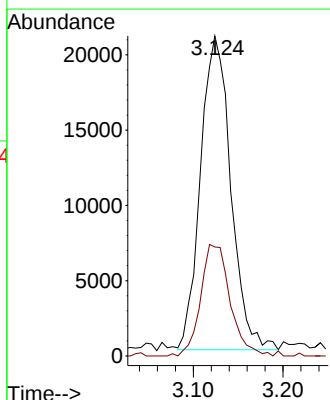
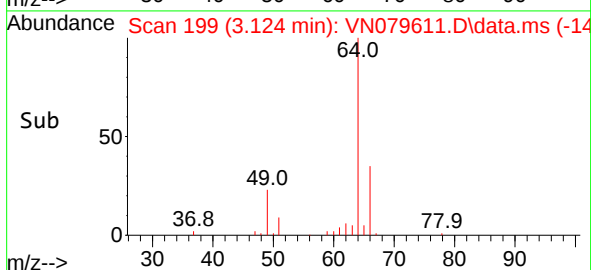
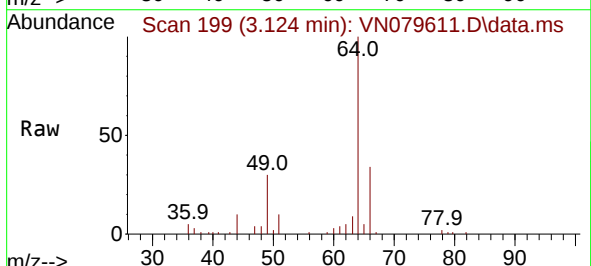
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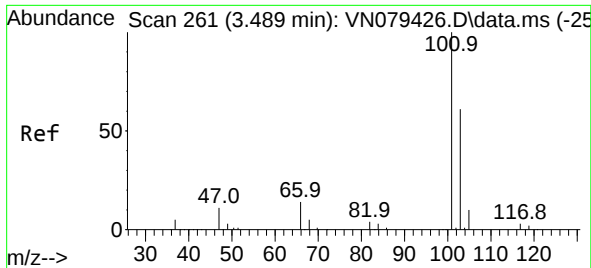
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 15.263 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079611.D
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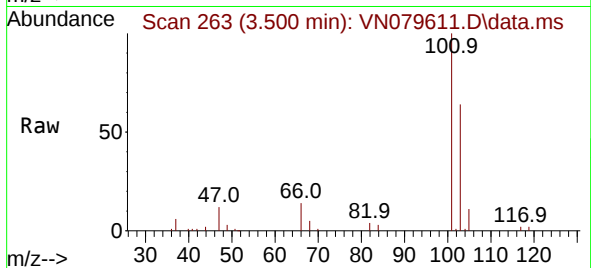
Tgt Ion: 64 Resp: 48945
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.166 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

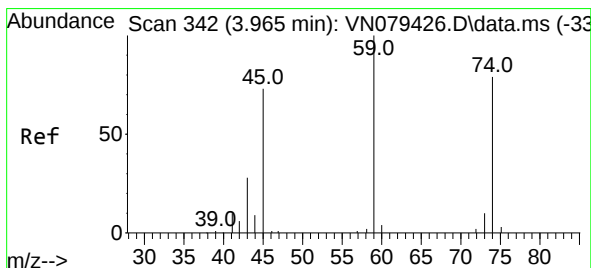
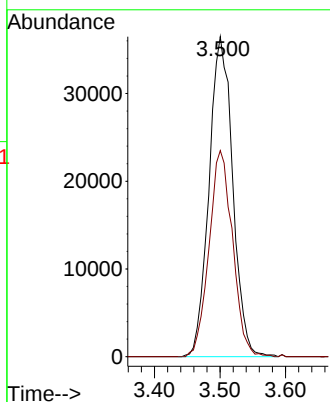
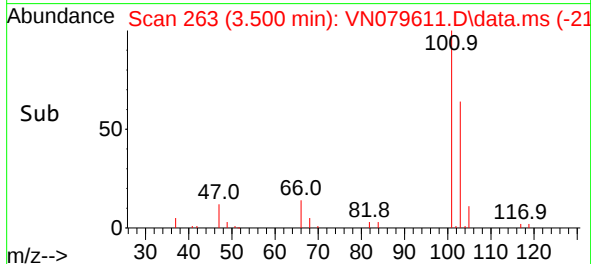
Instrument :
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 VN1019WBSD01



Tgt Ion:101 Resp: 9123
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1

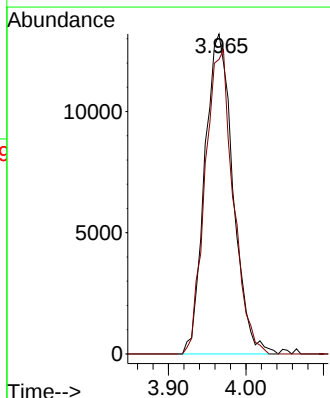
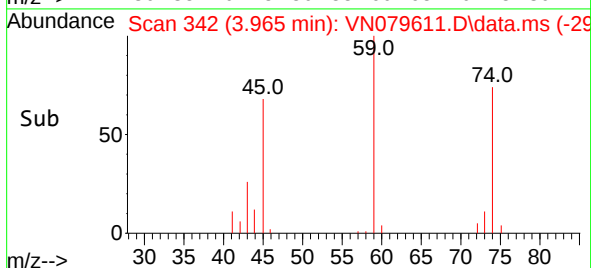
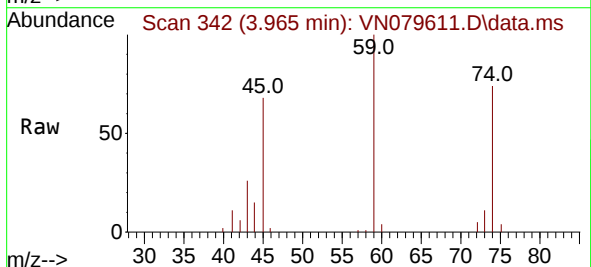
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#8
 Diethyl Ether
 Concen: 18.692 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

Tgt Ion: 74 Resp: 33466
 Ion Ratio Lower Upper
 74 100
 45 94.6 34.4 103.3





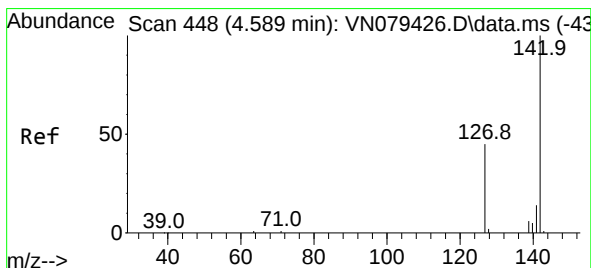
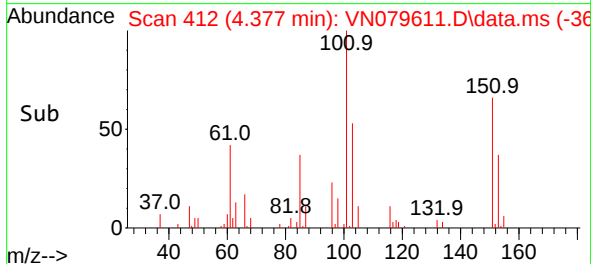
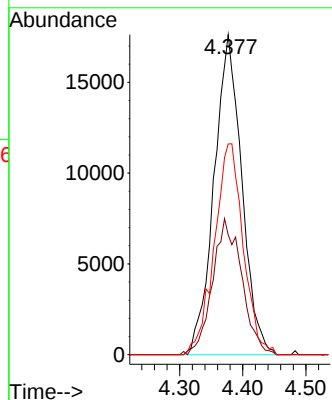
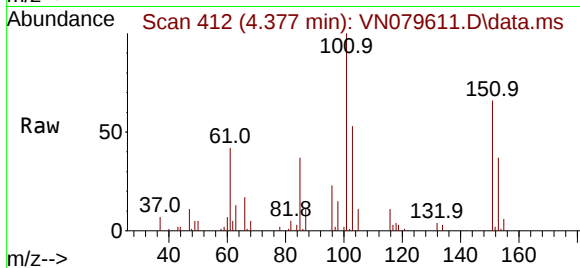
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.305 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079611.D
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MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion:101 Resp: 5372
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 68.5 57.6 86.4

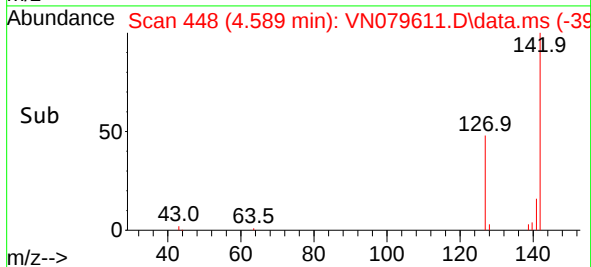
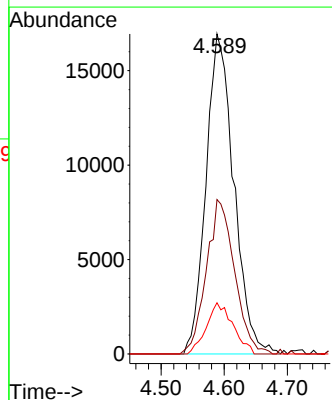
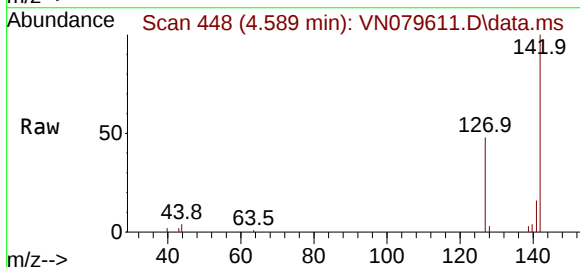
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 20.382 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion:142 Resp: 51906
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 16.0 11.4 17.0





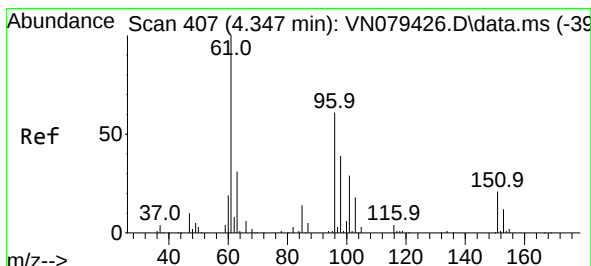
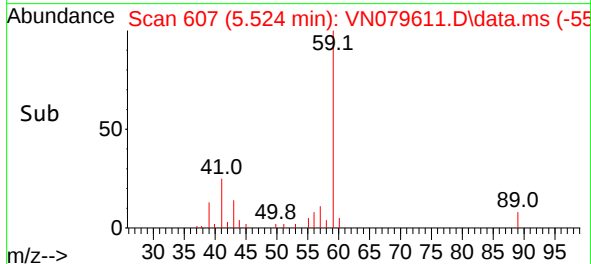
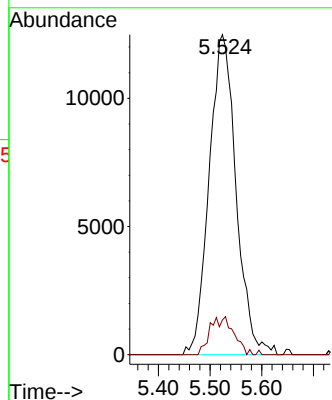
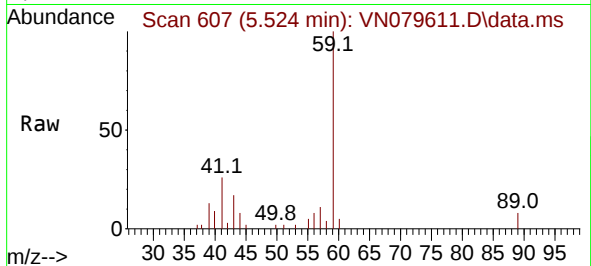
#11
Tert butyl alcohol
Concen: 80.981 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 59 Resp: 45198
Ion Ratio Lower Upper
59 100
57 4.7 8.2 12.4

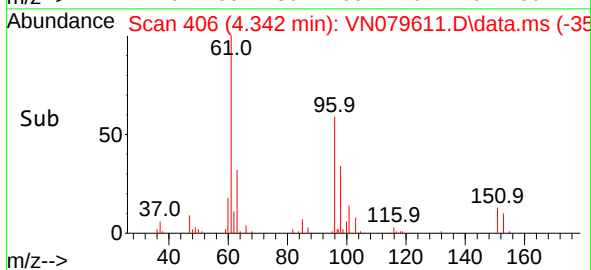
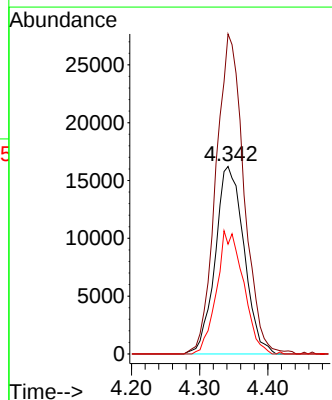
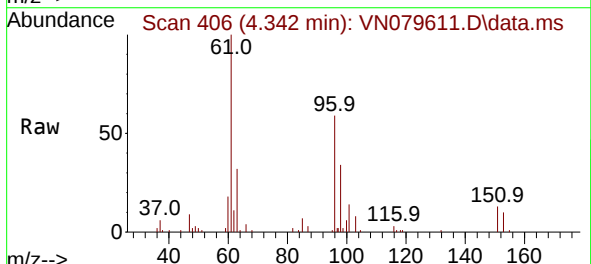
Manual Integrations
APPROVED

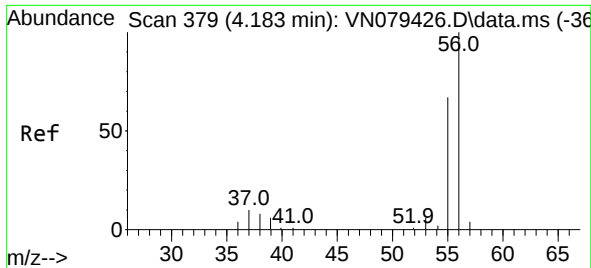
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 17.584 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

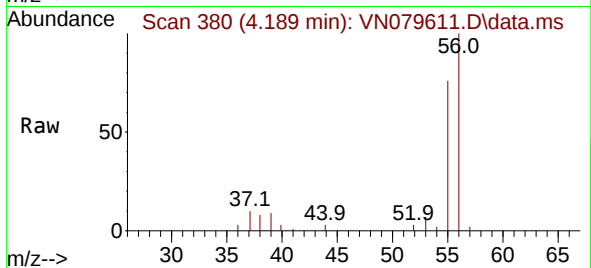
Tgt Ion: 96 Resp: 47516
Ion Ratio Lower Upper
96 100
61 170.6 112.7 169.1#
98 58.6 51.2 76.8





#13
Acrolein
Concen: 104.656 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

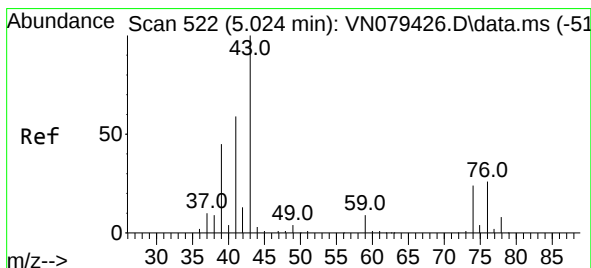
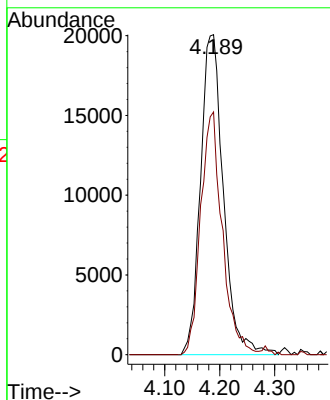
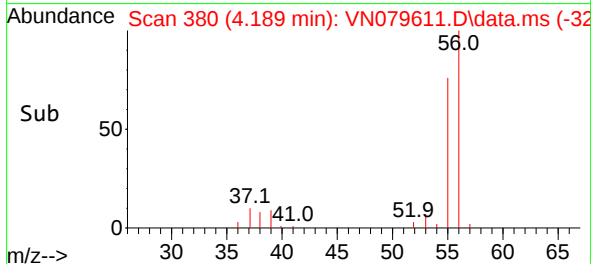
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 56 Resp: 5816
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

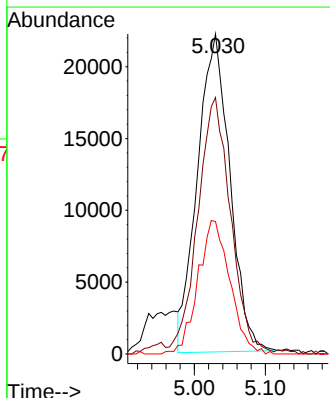
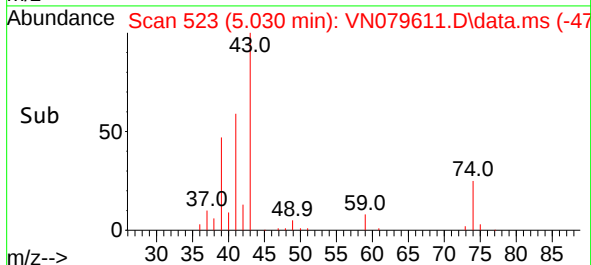
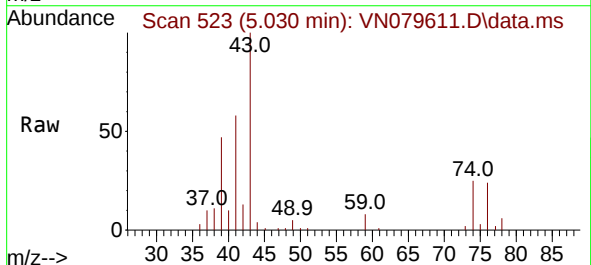
Manual Integrations
APPROVED

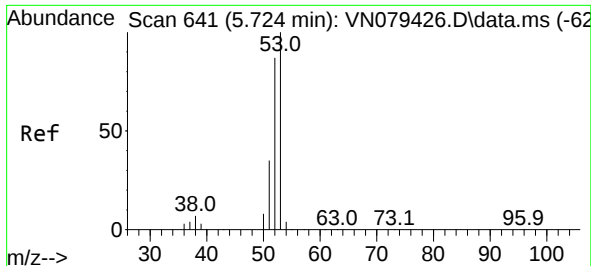
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 16.097 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

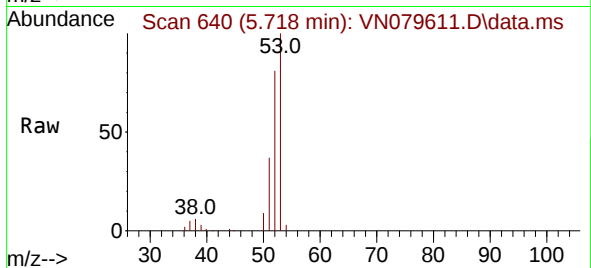
Tgt Ion: 41 Resp: 70196
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 41.4 39.1 58.7





#15
Acrylonitrile
Concen: 91.998 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

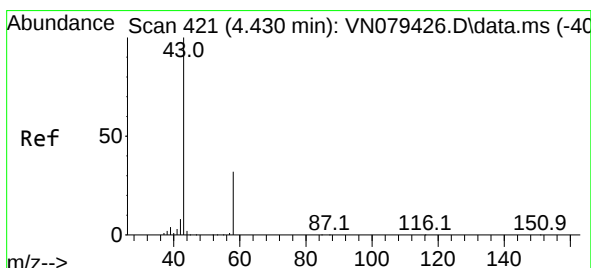
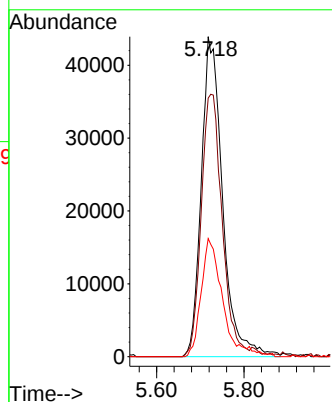
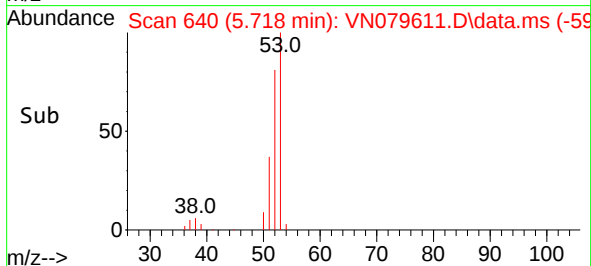
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 53 Resp: 148864
Ion Ratio Lower Upper
53 100
52 80.5 65.3 97.9
51 37.1 28.9 43.3

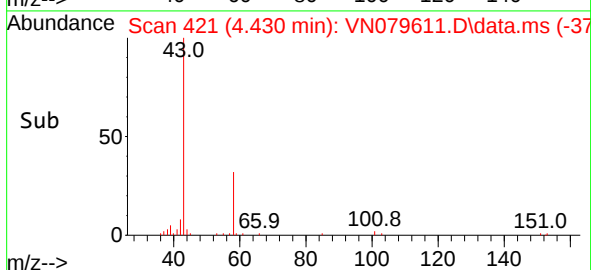
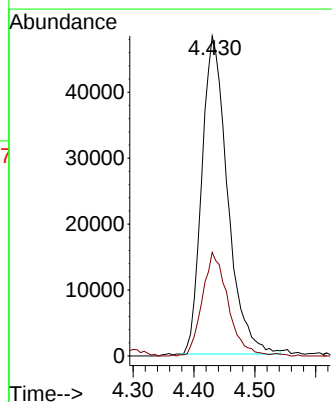
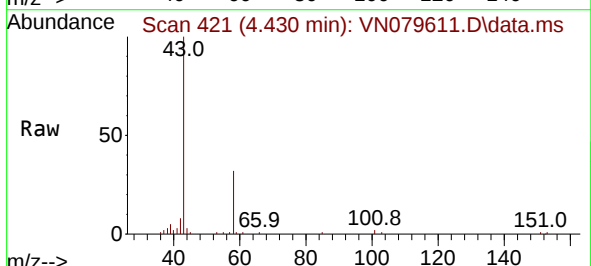
Manual Integrations
APPROVED

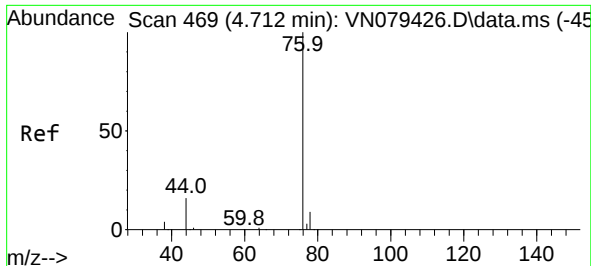
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 96.291 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

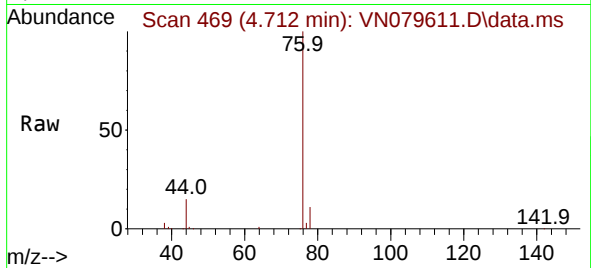
Tgt Ion: 43 Resp: 141630
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#17
Carbon Disulfide
Concen: 15.663 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

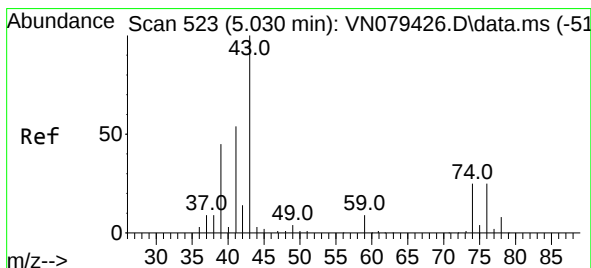
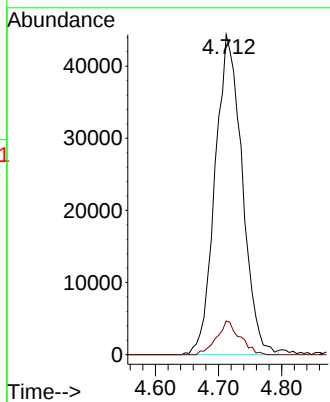
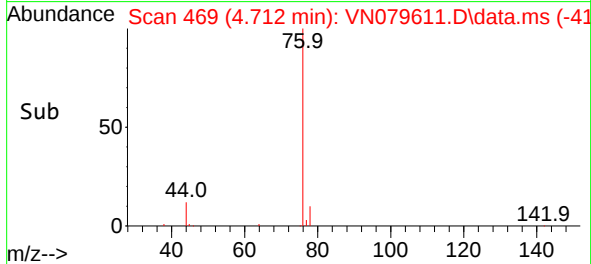
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 76 Resp: 132025
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

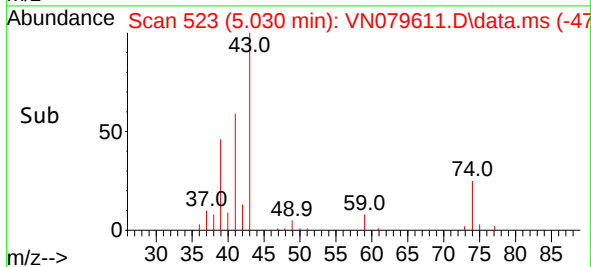
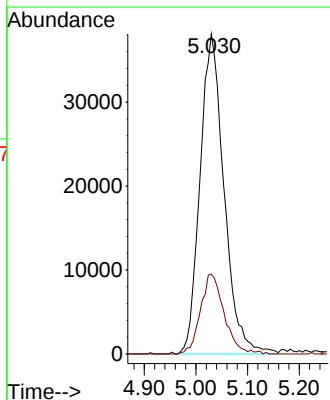
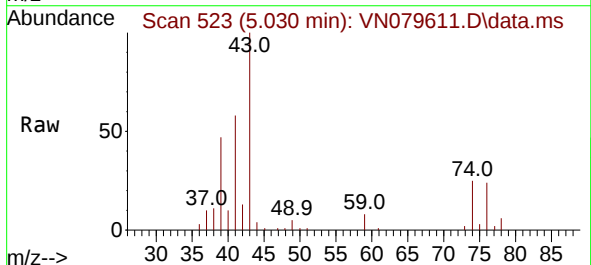
Manual Integrations
APPROVED

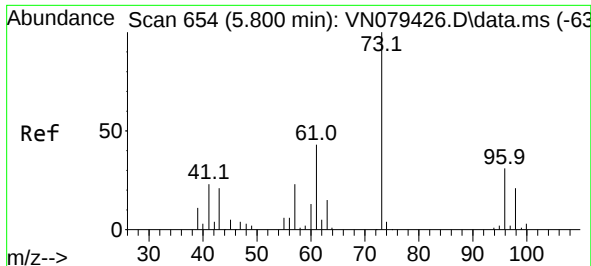
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 17.064 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

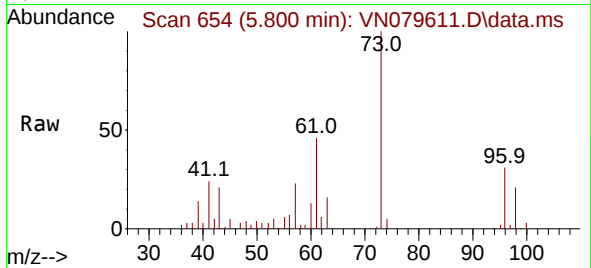
Tgt Ion: 43 Resp: 122844
Ion Ratio Lower Upper
43 100
74 24.7 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.011 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

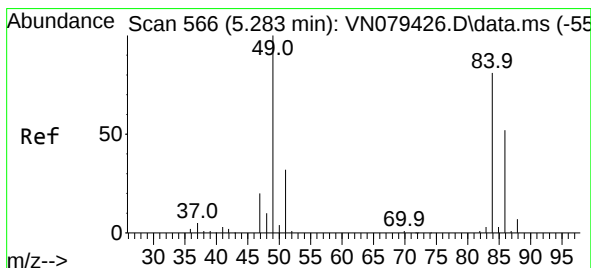
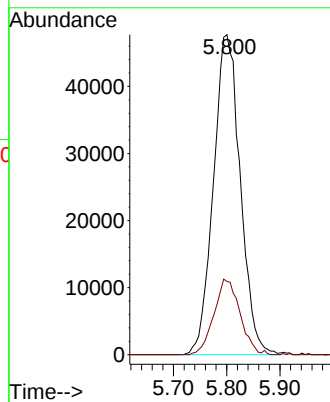
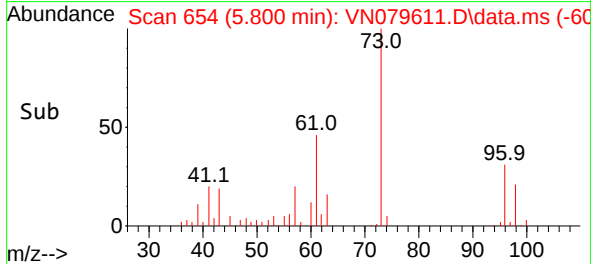
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 73 Resp: 166910
Ion Ratio Lower Upper
73 100
57 22.9 15.6 23.4

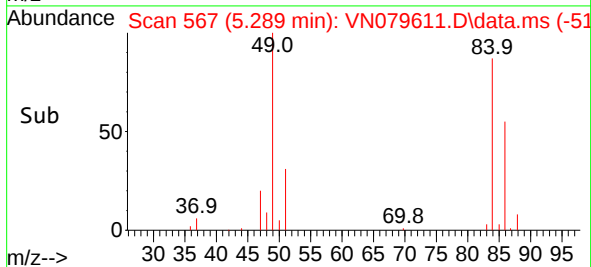
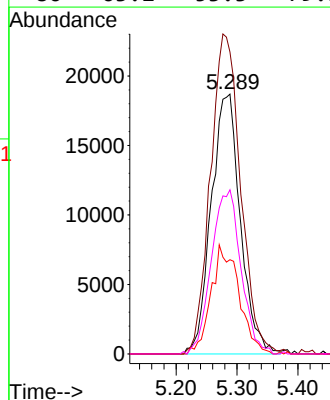
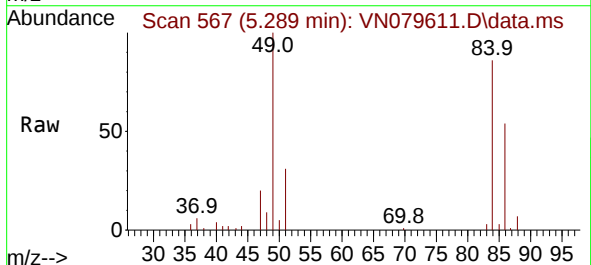
Manual Integrations
APPROVED

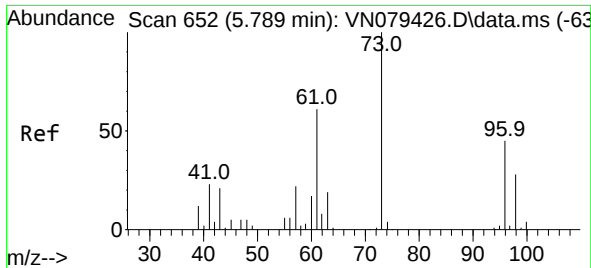
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 18.922 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 84 Resp: 62151
Ion Ratio Lower Upper
84 100
49 116.2 79.7 119.5
51 36.3 25.2 37.8
86 63.2 53.3 79.9





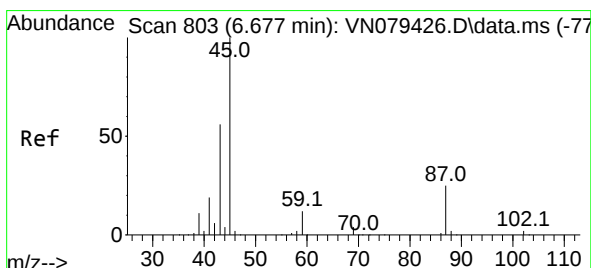
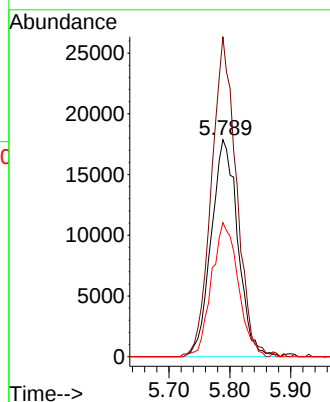
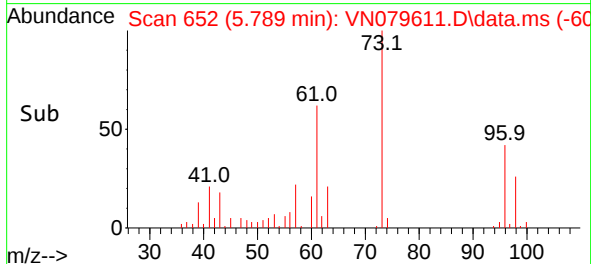
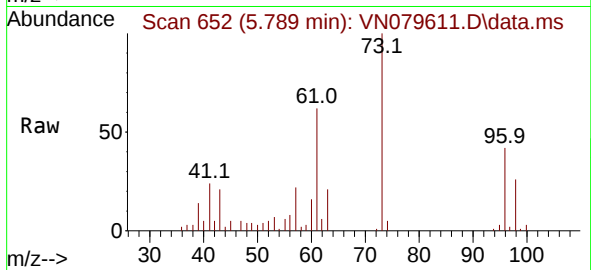
#21
trans-1,2-Dichloroethene
Concen: 17.144 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 96 Resp: 54108
Ion Ratio Lower Upper
96 100
61 147.4 90.1 135.1#
98 61.8 46.4 69.6

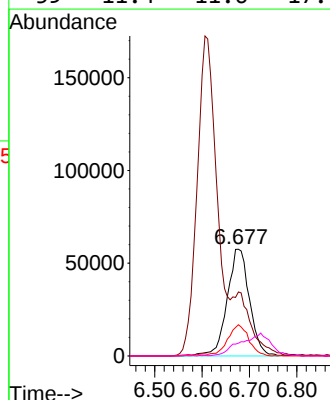
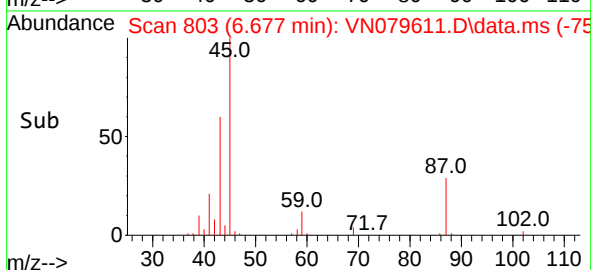
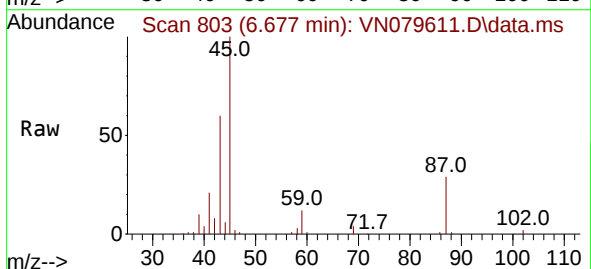
Manual Integrations
APPROVED

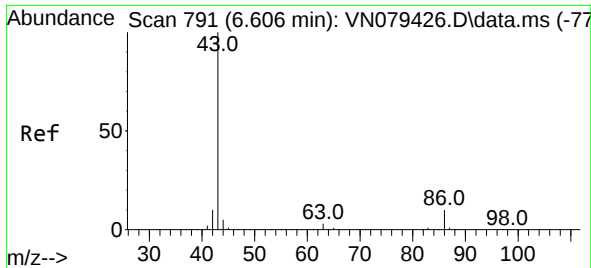
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 19.255 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 45 Resp: 188282
Ion Ratio Lower Upper
45 100
43 57.5 45.5 68.3
87 28.9 31.8 47.8#
59 11.4 11.6 17.4#





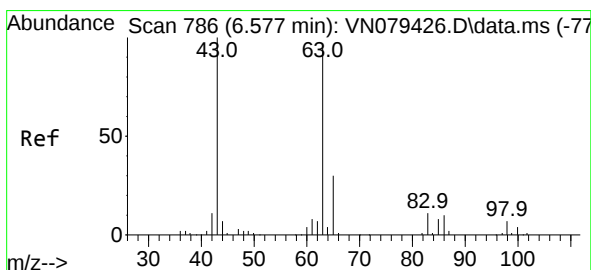
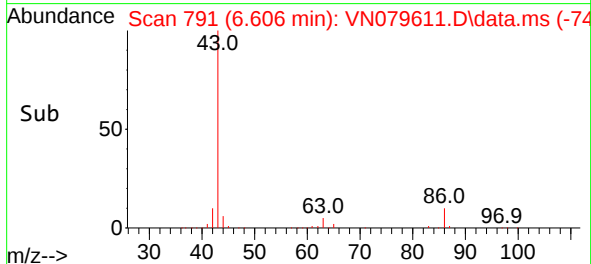
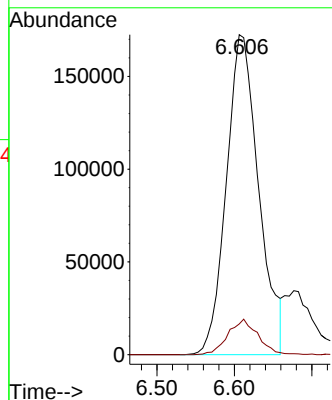
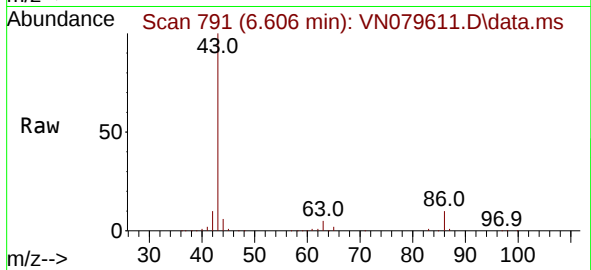
#23
 Vinyl Acetate
 Concen: 91.111 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01

Tgt Ion: 43 Resp: 501139
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6

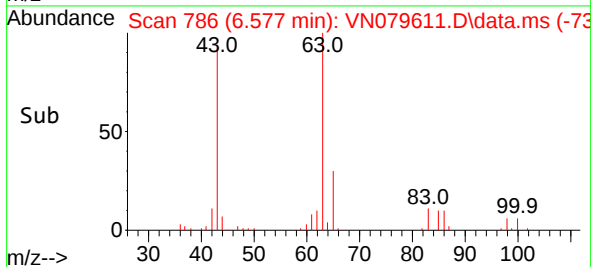
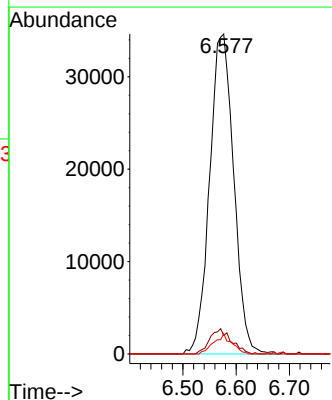
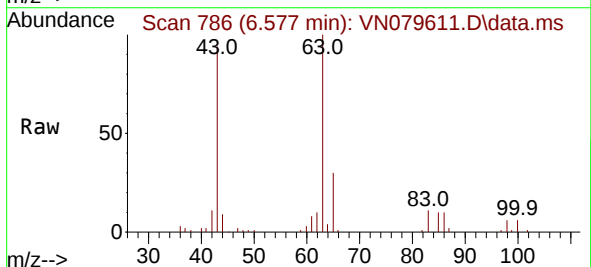
Manual Integrations
 APPROVED

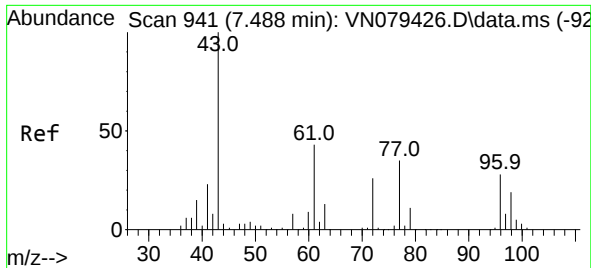
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.180 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

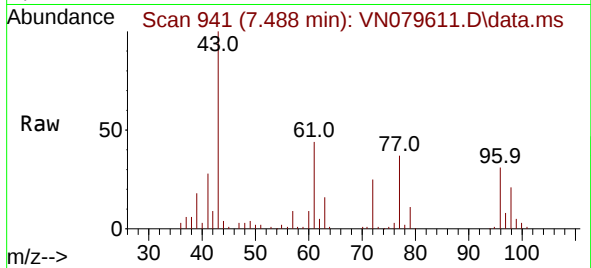
Tgt Ion: 63 Resp: 108799
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 6.3 2.5 7.4





#25
2-Butanone
Concen: 92.255 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

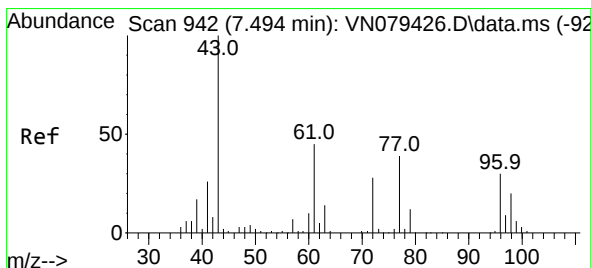
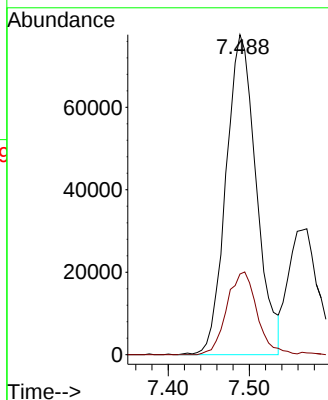
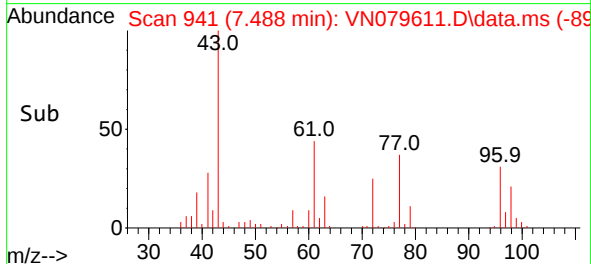
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 43 Resp: 201395
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2

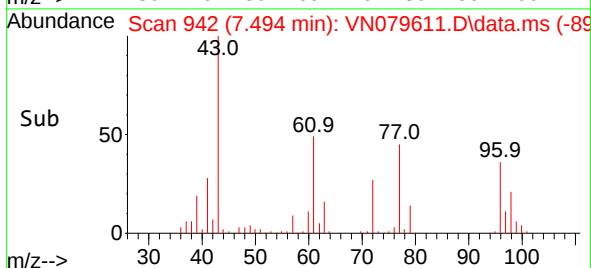
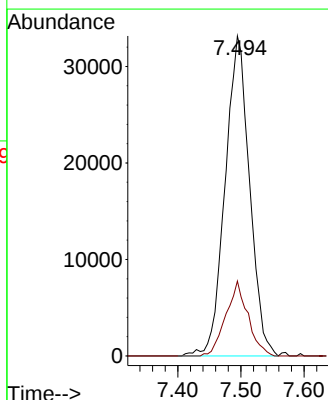
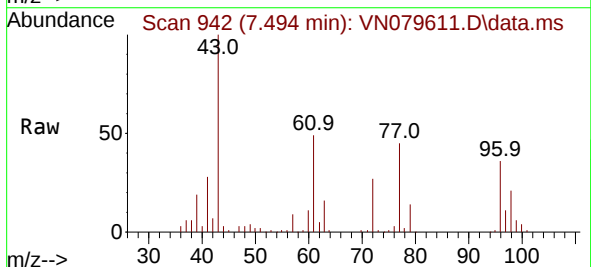
Manual Integrations
APPROVED

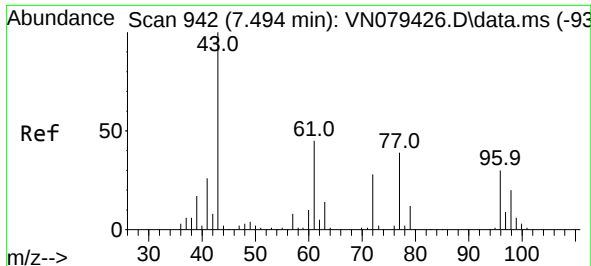
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 19.504 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 77 Resp: 89200
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





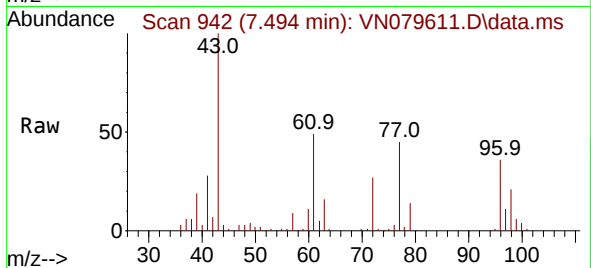
#27
 cis-1,2-Dichloroethene
 Concen: 18.631 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

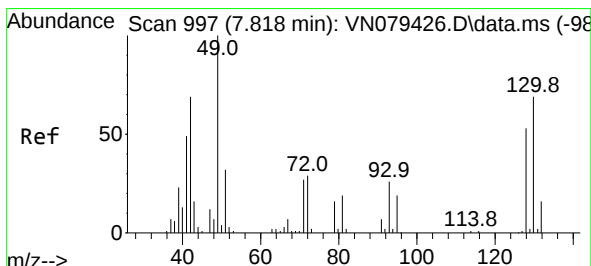
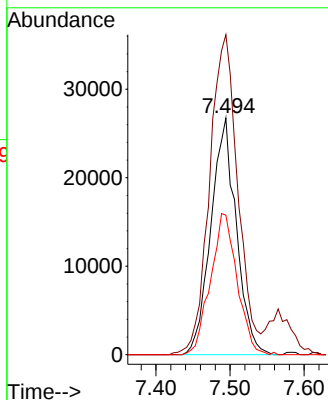
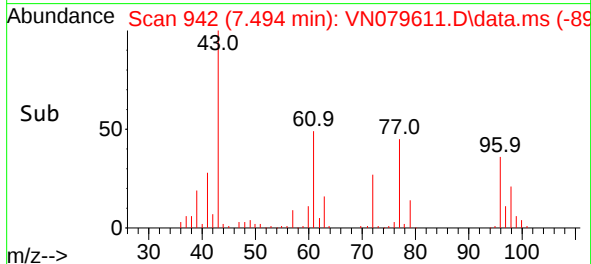


Tgt Ion: 96 Resp: 63879
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 255.2
 98 62.2 0.0 128.8

Manual Integrations

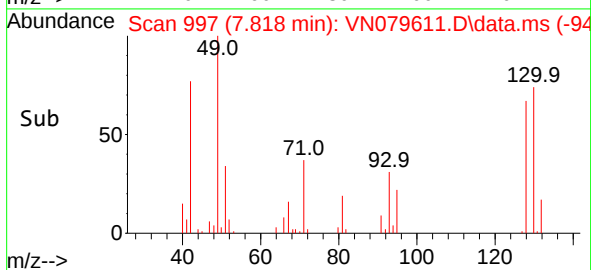
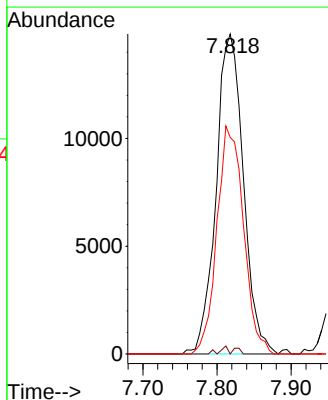
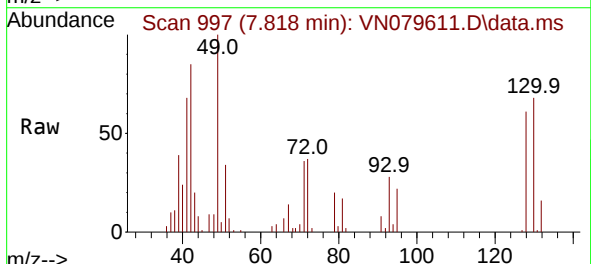
APPROVED

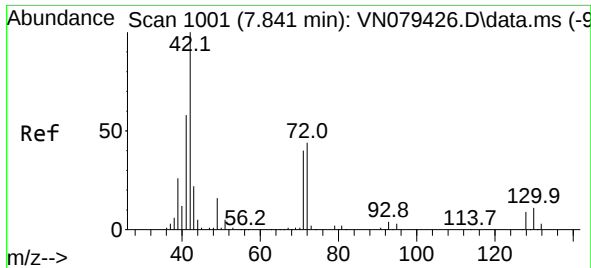
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 13.338 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

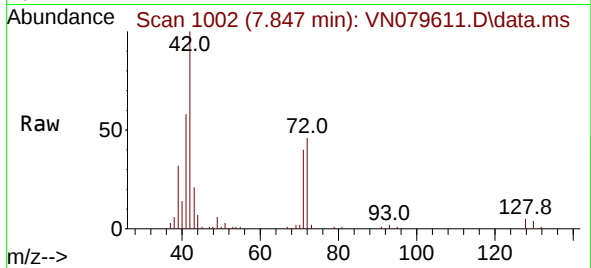
Tgt Ion: 49 Resp: 37979
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 69.3 75.3 112.9#





#29
Tetrahydrofuran
Concen: 86.729 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

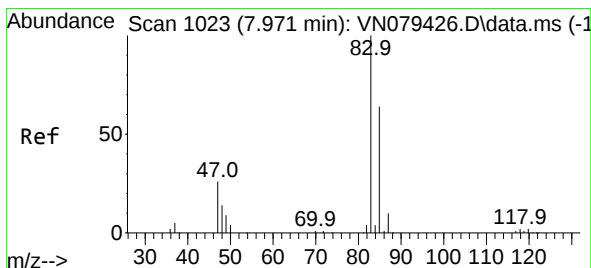
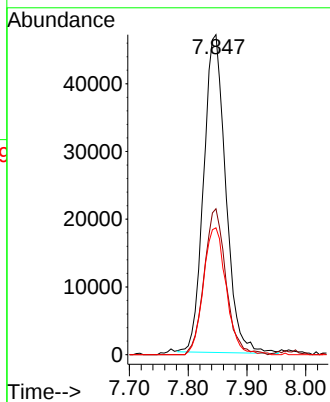
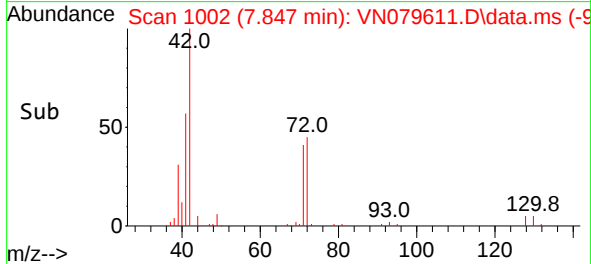
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 42 Resp: 12245
Ion Ratio Lower Upper
42 100
72 45.4 49.8 74.6
71 41.2 47.4 71.2

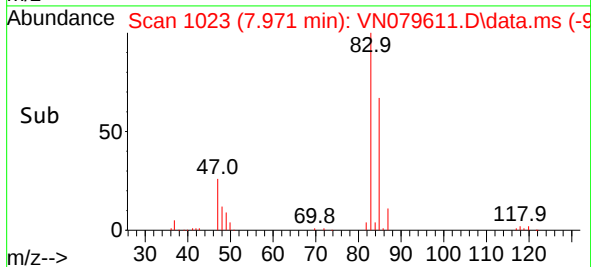
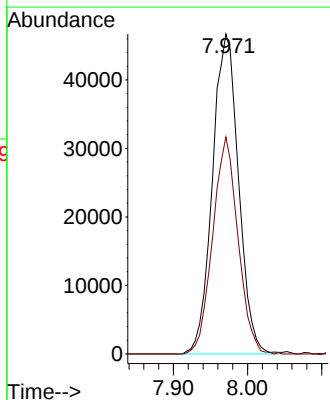
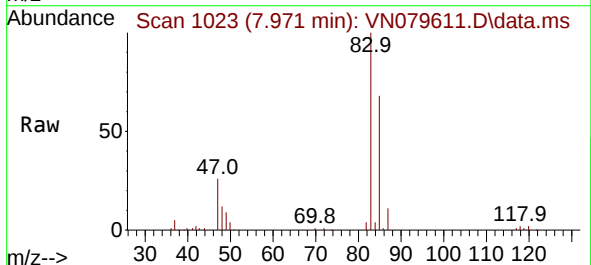
Manual Integrations
APPROVED

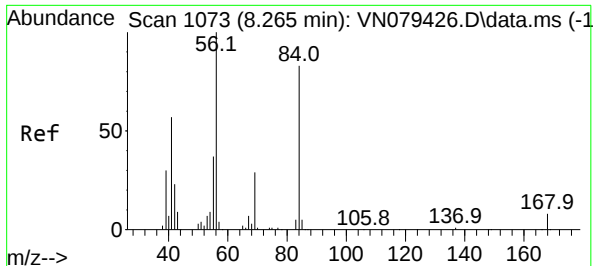
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#30
Chloroform
Concen: 18.909 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

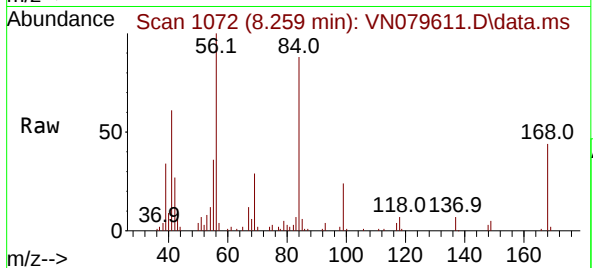
Tgt Ion: 83 Resp: 114336
Ion Ratio Lower Upper
83 100
85 67.8 55.4 83.0





#31
Cyclohexane
Concen: 16.217 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

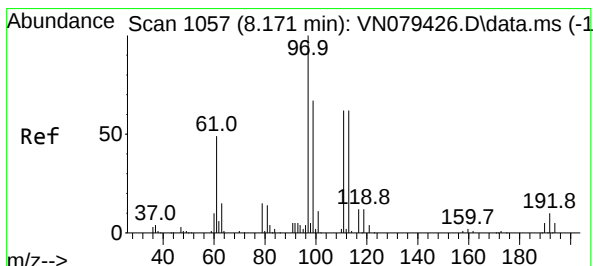
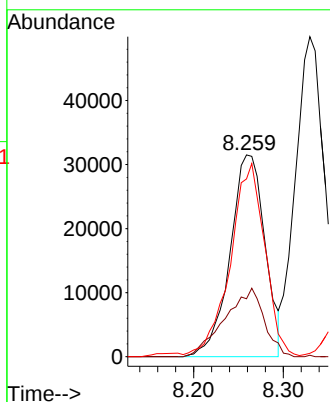
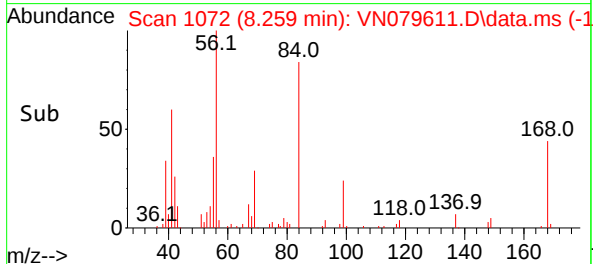
Instrument :
MSVOA_N
Client Sample Id :
VN1019WBSD01



Tgt Ion: 56 Resp: 8530
Ion Ratio Lower Upper
56 100
69 28.7 26.8 40.2
84 86.3 81.8 122.6

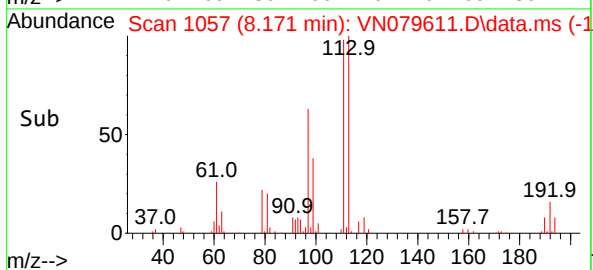
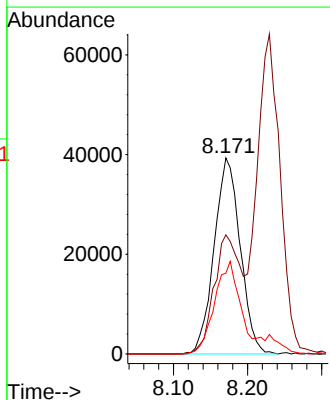
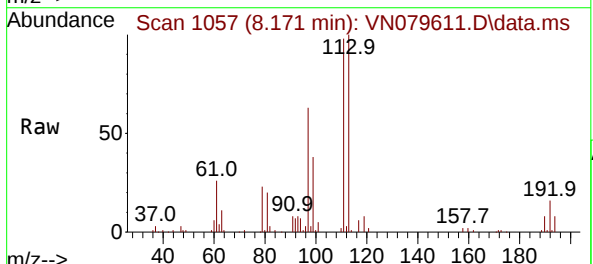
Manual Integrations
APPROVED

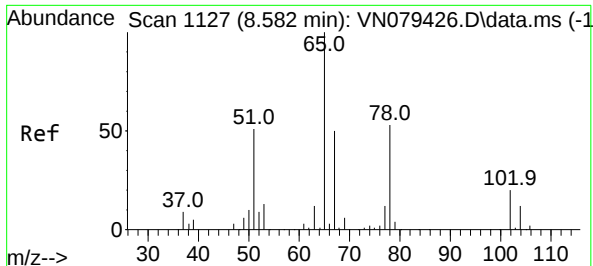
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.895 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 97 Resp: 96147
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 46.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.432 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

Tgt Ion: 65 Resp: 179604

Ion Ratio Lower Upper

65 100

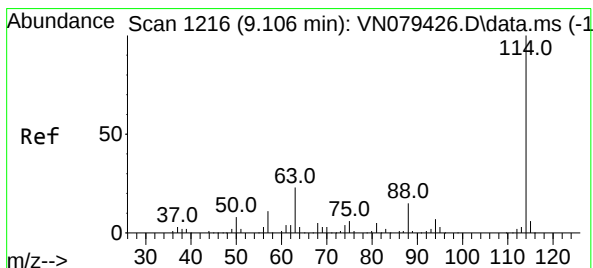
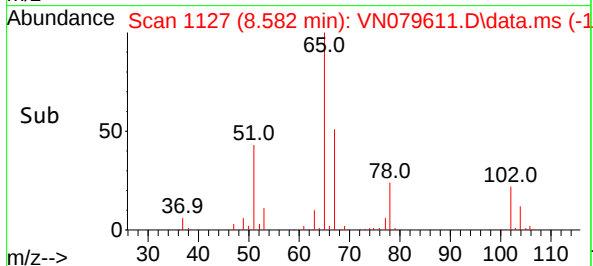
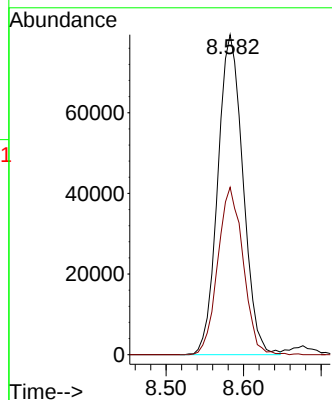
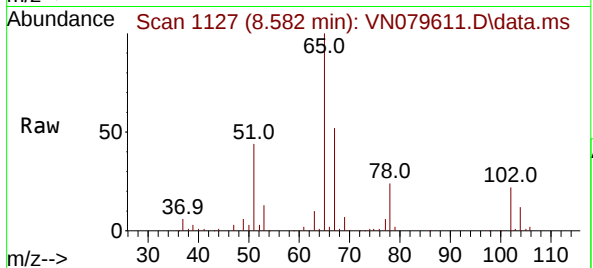
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

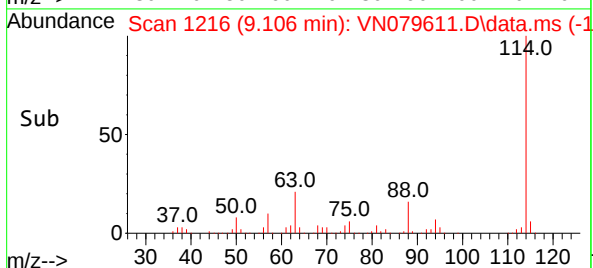
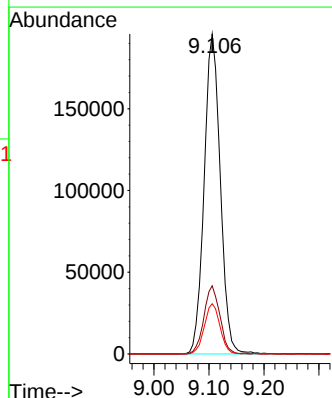
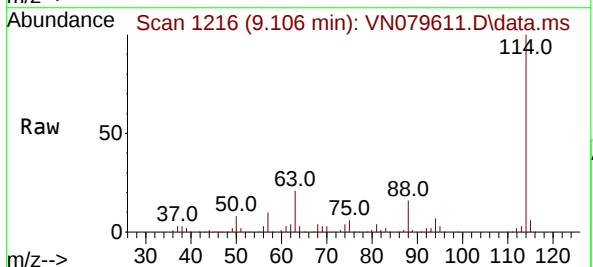
Tgt Ion:114 Resp: 399564

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

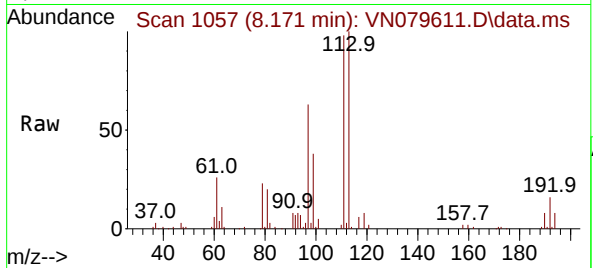
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

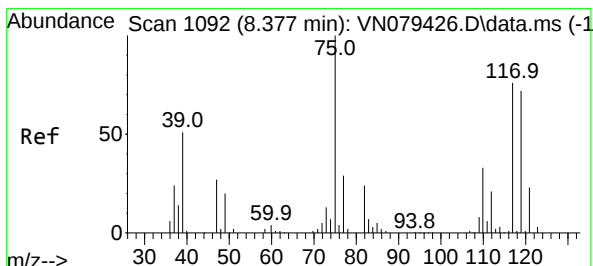
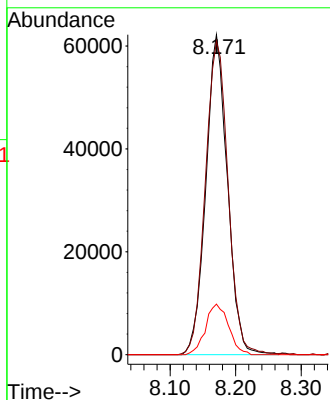
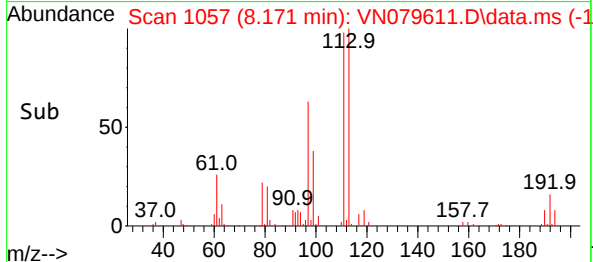
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



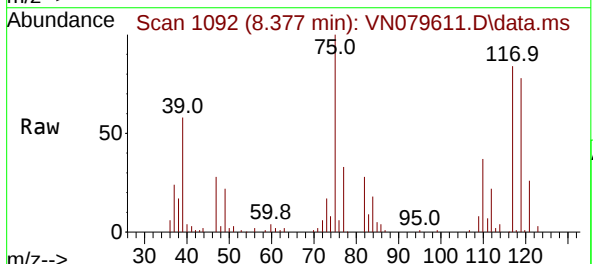
Tgt Ion:113 Resp: 142185
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.9 12.7 19.1

Manual Integrations
APPROVED

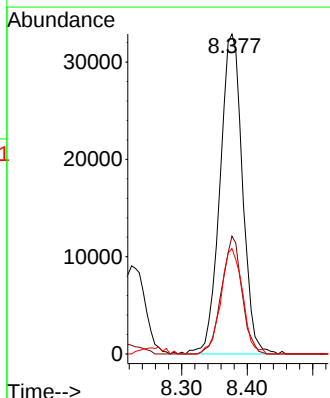
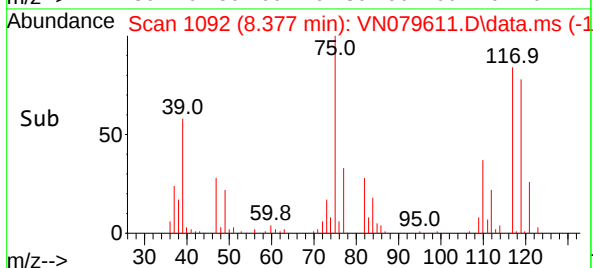
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

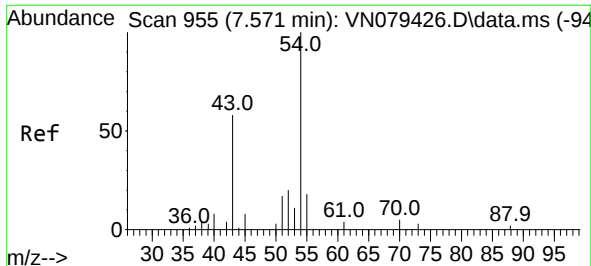


#36
1,1-Dichloropropene
Concen: 18.151 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



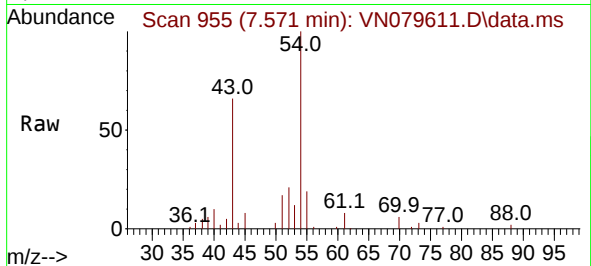
Tgt Ion: 75 Resp: 78225
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 18.750 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

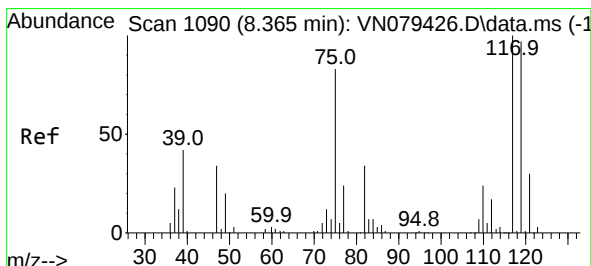
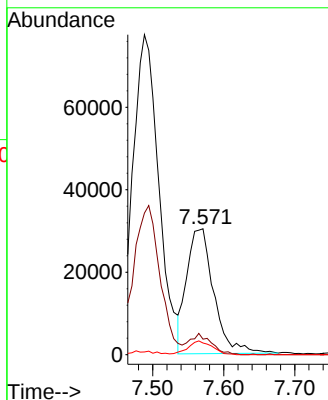
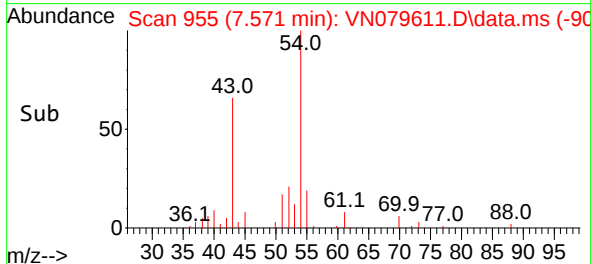
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 43 Resp: 8040
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 9.7 11.3 16.9

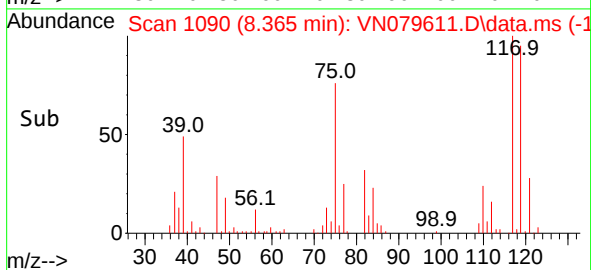
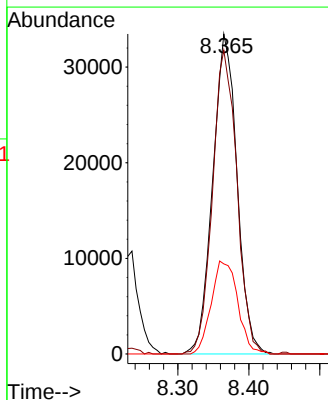
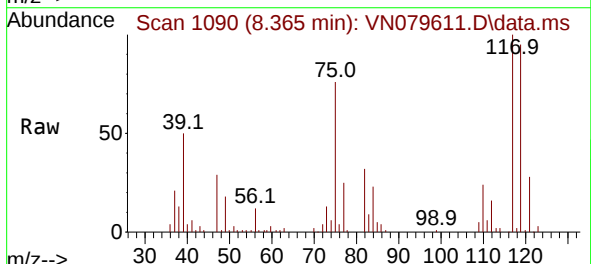
Manual Integrations
APPROVED

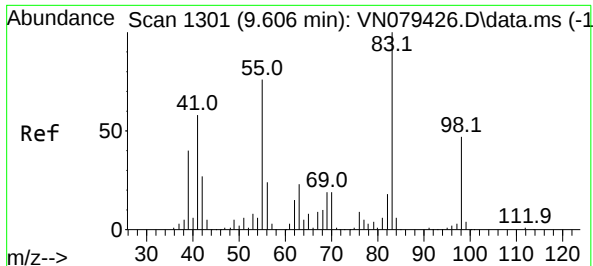
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 18.395 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion:117 Resp: 79363
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 28.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.666 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

Tgt Ion: 83 Resp: 7314

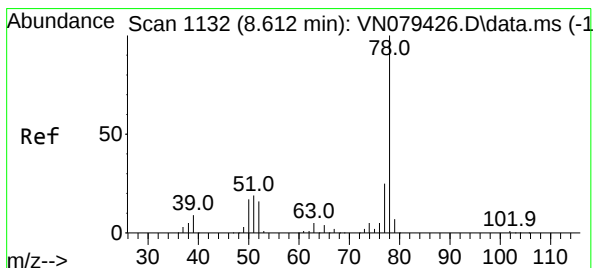
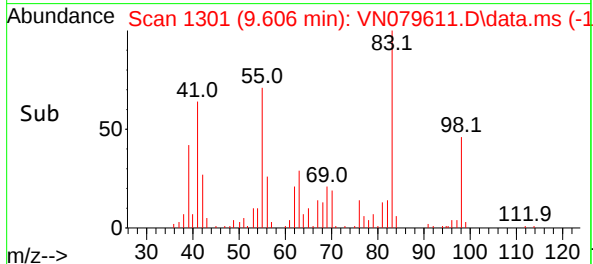
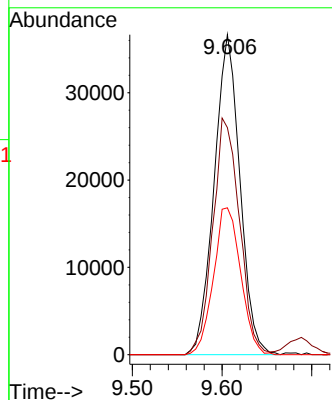
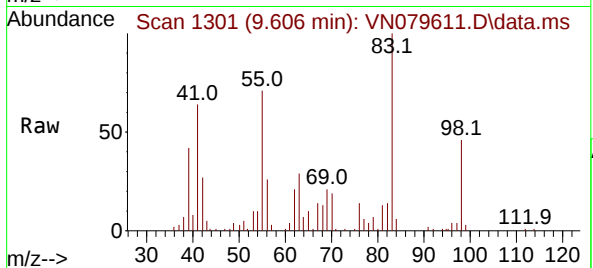
Ion	Ratio	Lower	Upper
83	100		
55	71.0	49.1	73.7
98	45.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 19.040 ug/l

RT: 8.612 min Scan# 1132

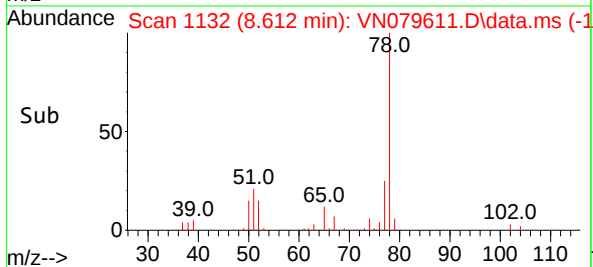
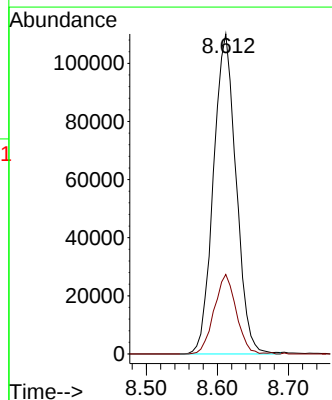
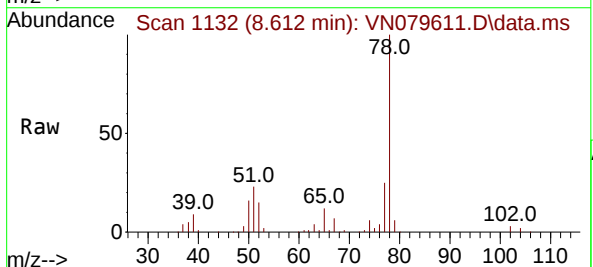
Delta R.T. -0.000 min

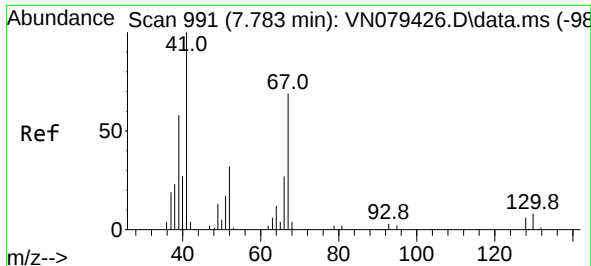
Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Tgt Ion: 78 Resp: 243683

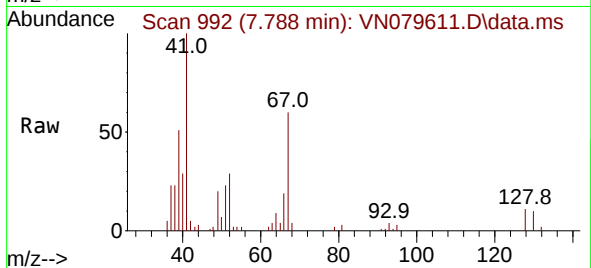
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6





#41
Methacrylonitrile
Concen: 18.711 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

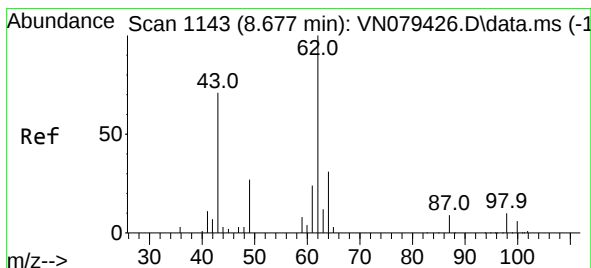
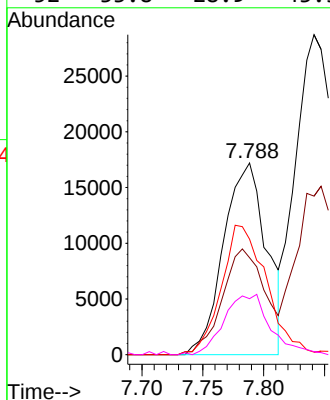
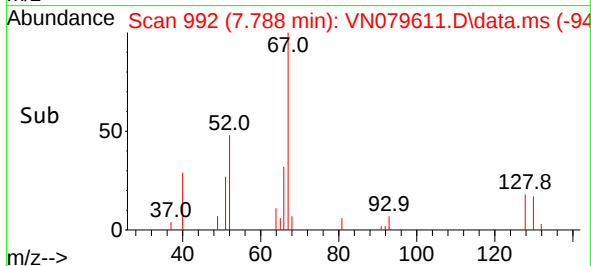
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 41 Resp: 4218
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 72.0 77.5 116.3
52 33.8 28.9 43.3

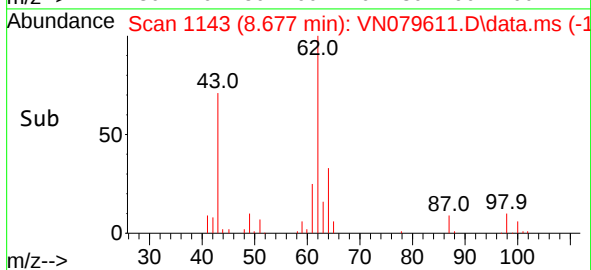
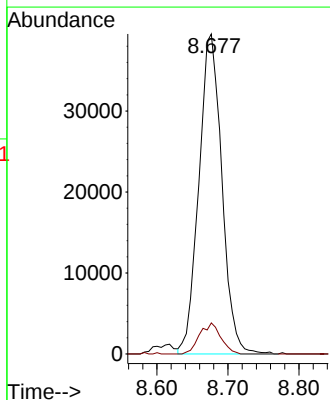
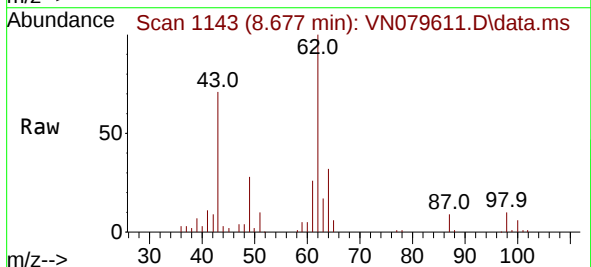
Manual Integrations
APPROVED

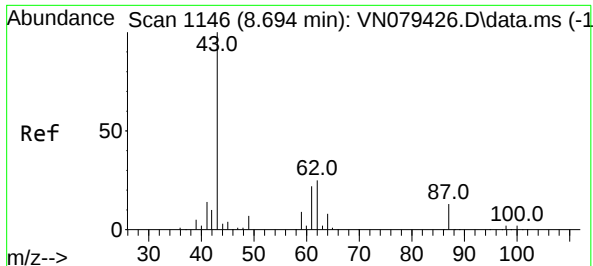
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 19.172 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 62 Resp: 89163
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.081 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

Tgt Ion: 43 Resp: 12832

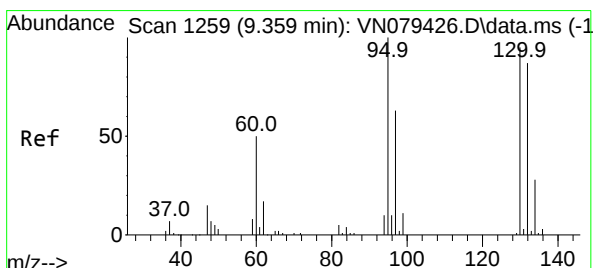
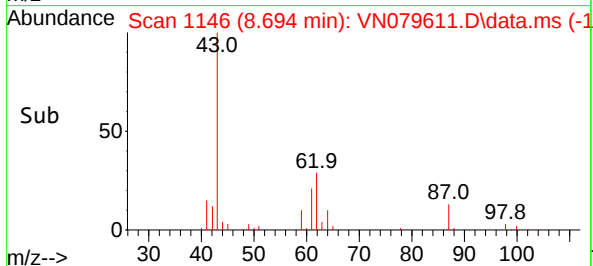
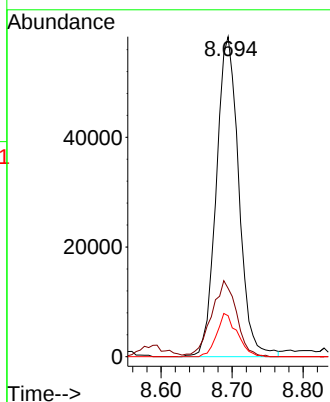
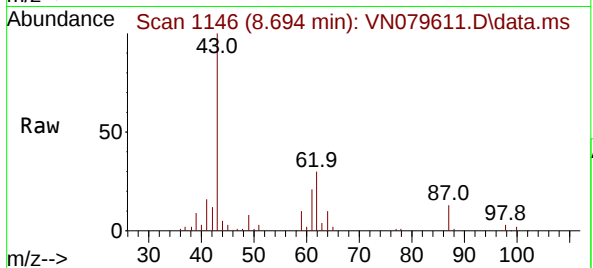
Ion	Ratio	Lower	Upper
43	100		
61	26.5	24.7	37.1
87	12.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#44

Trichloroethene

Concen: 18.887 ug/l

RT: 9.359 min Scan# 1259

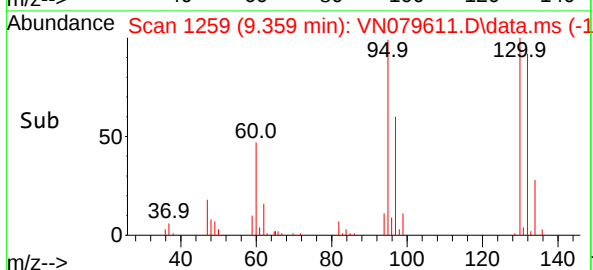
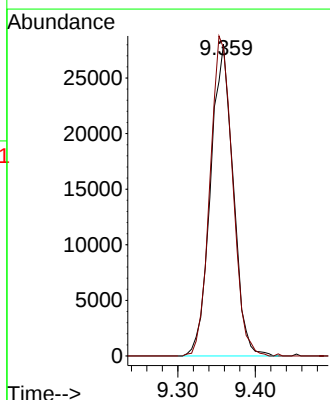
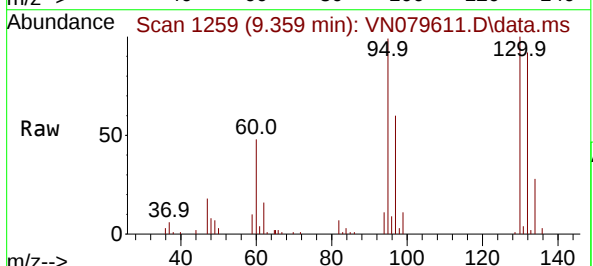
Delta R.T. -0.000 min

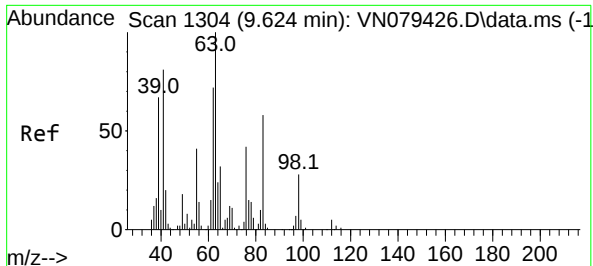
Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Tgt Ion:130 Resp: 56894

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.355 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079611.D

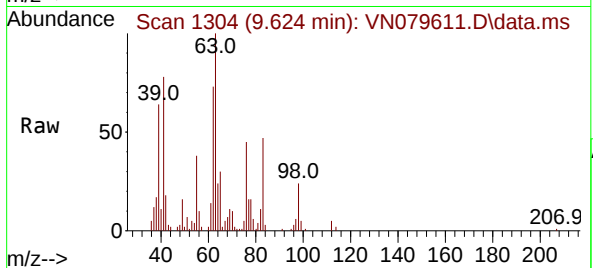
Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01



Tgt Ion: 63 Resp: 6526

Ion Ratio Lower Upper

63 100

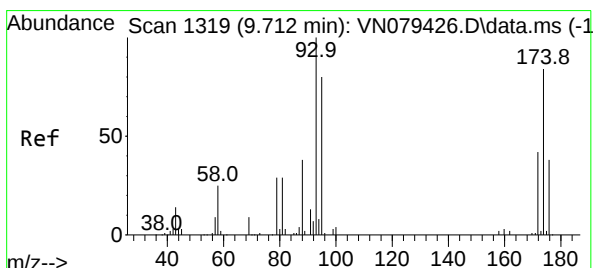
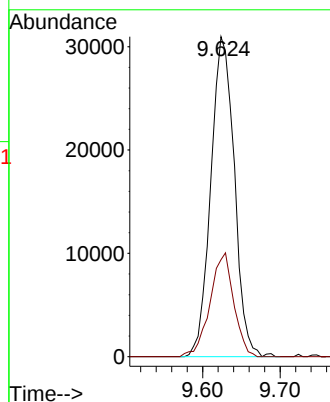
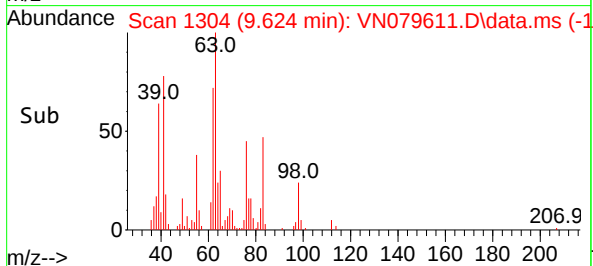
65 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 20.060 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

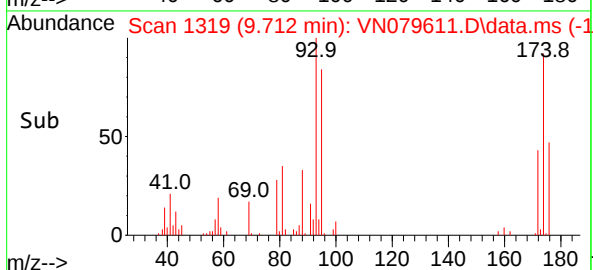
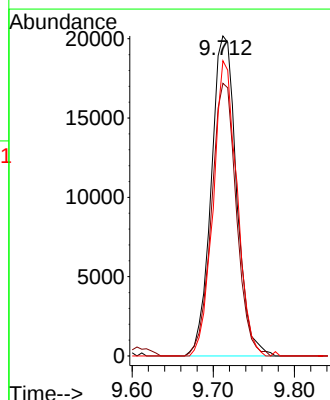
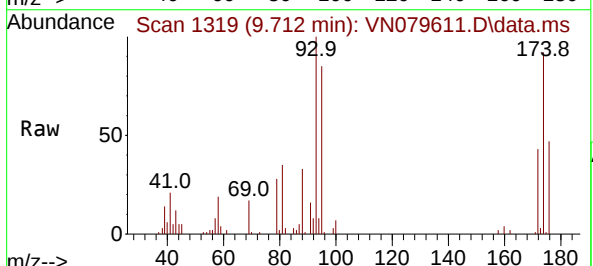
Tgt Ion: 93 Resp: 43811

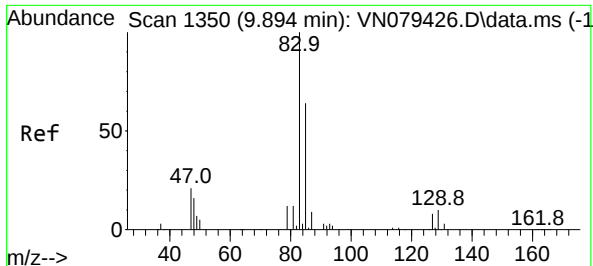
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

174 86.1 65.6 98.4





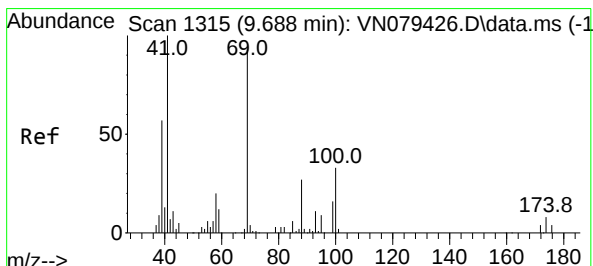
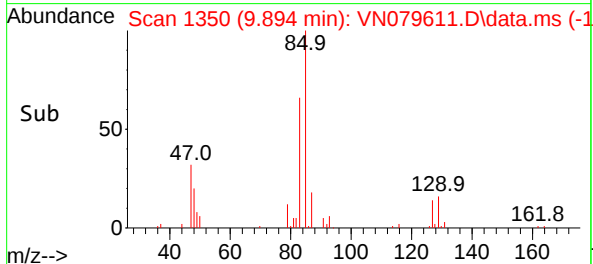
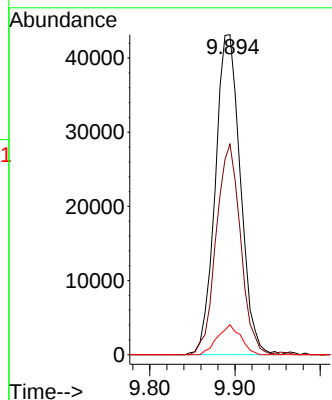
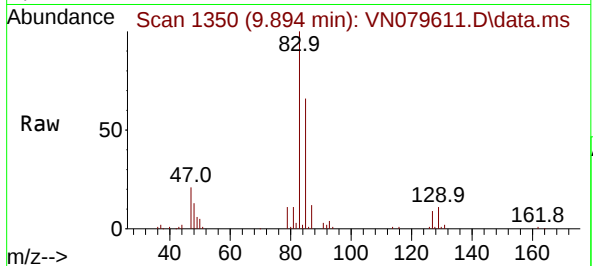
#47
Bromodichloromethane
Concen: 19.688 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 83 Resp: 88449
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 9.3 7.0 10.6

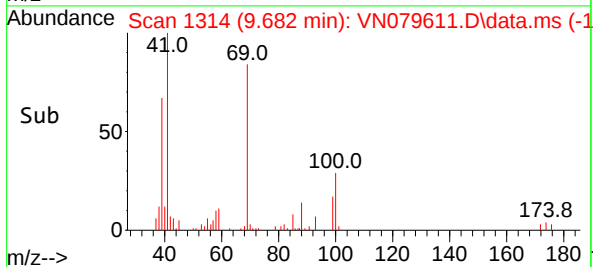
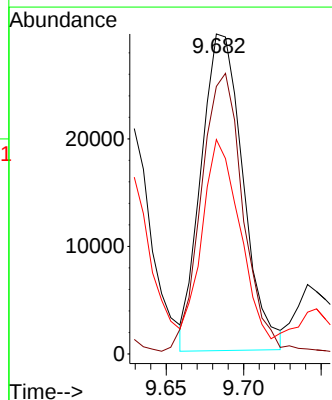
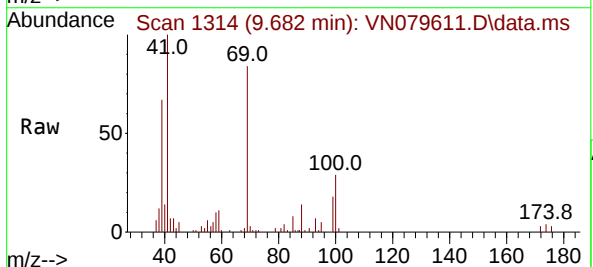
Manual Integrations
APPROVED

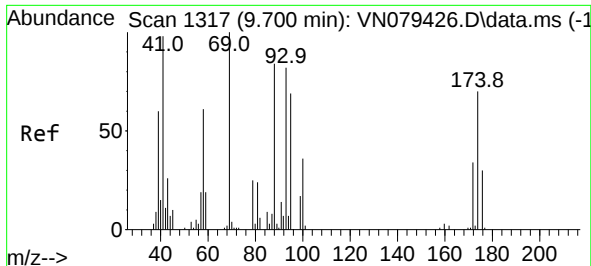
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 17.217 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 41 Resp: 55427
Ion Ratio Lower Upper
41 100
69 91.0 90.4 135.6
39 63.8 54.6 81.8





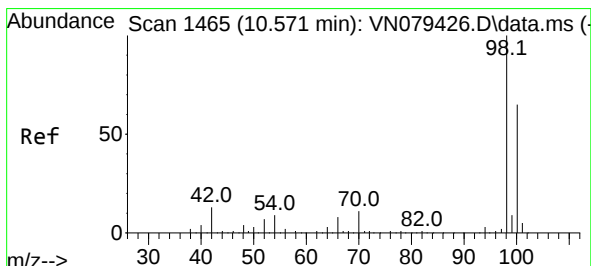
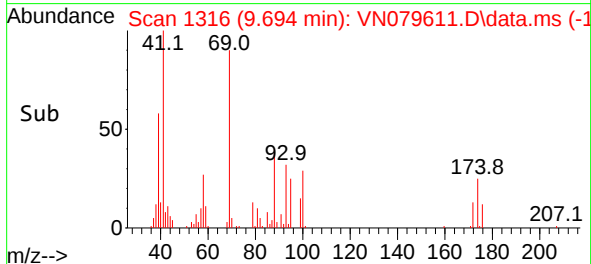
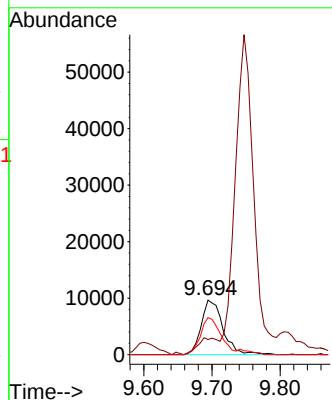
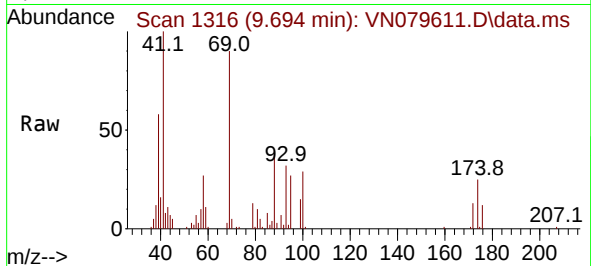
#49
1,4-Dioxane
Concen: 361.727 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 88 Resp: 21450
Ion Ratio Lower Upper
88 100
43 25.7 17.0 25.6
58 63.2 47.0 70.4

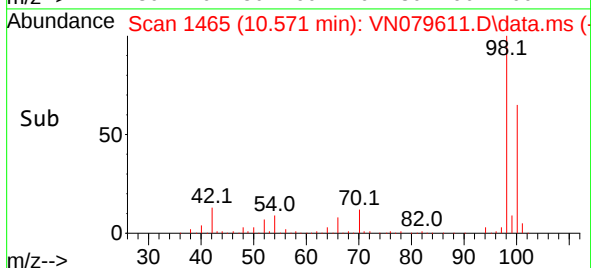
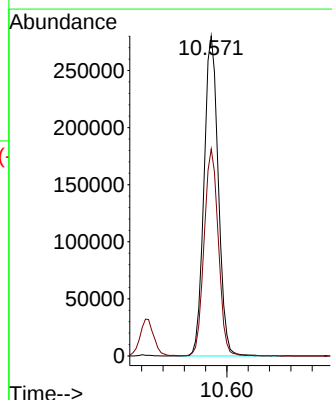
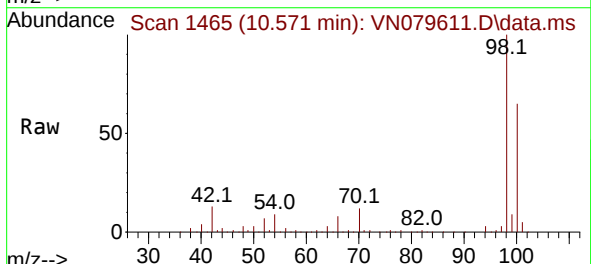
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

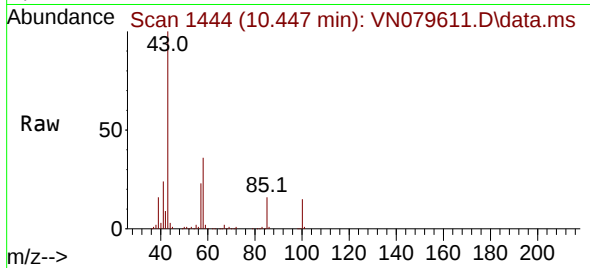
Tgt Ion: 98 Resp: 520304
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.696 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

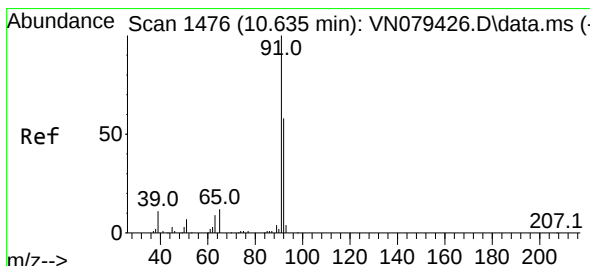
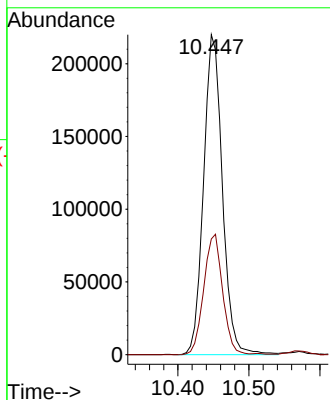
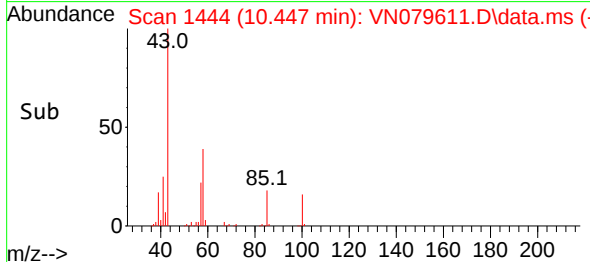
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



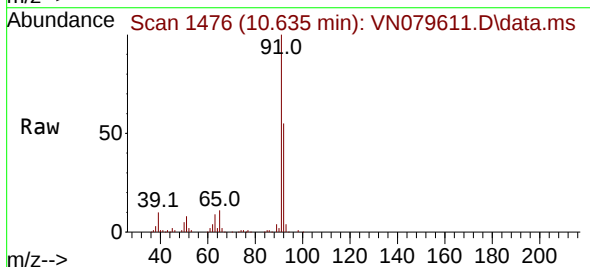
Tgt Ion: 43 Resp: 405839
Ion Ratio Lower Upper
43 100
58 37.7 36.6 54.8

Manual Integrations
APPROVED

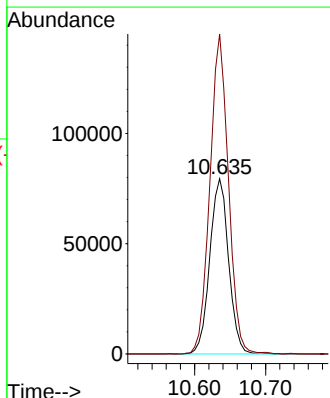
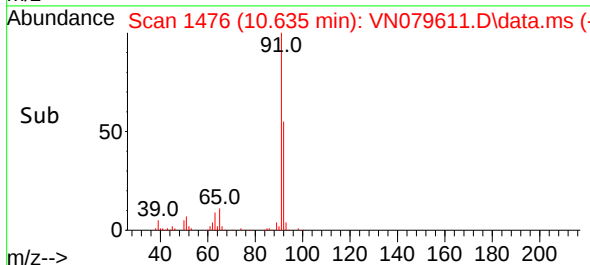
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

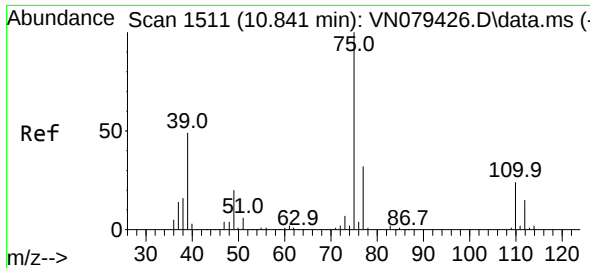


#52
Toluene
Concen: 19.418 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



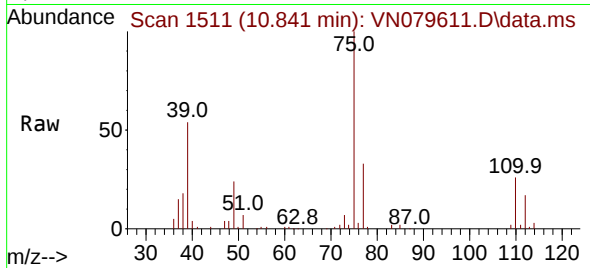
Tgt Ion: 92 Resp: 146290
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 18.841 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

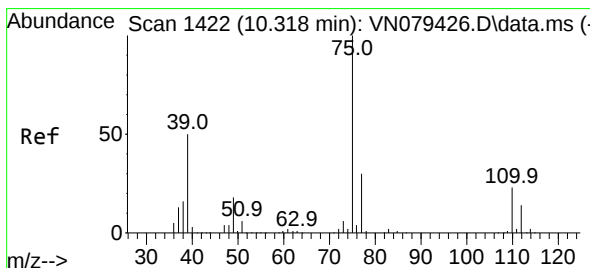
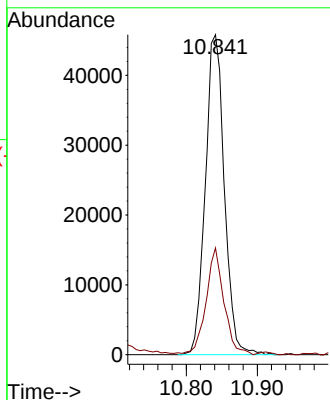
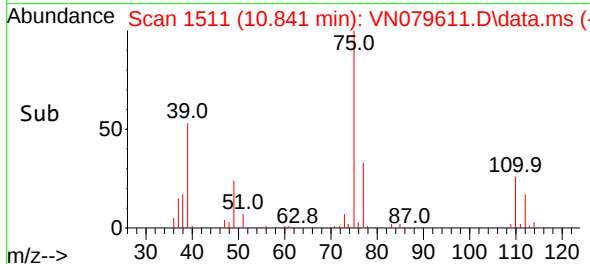
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01



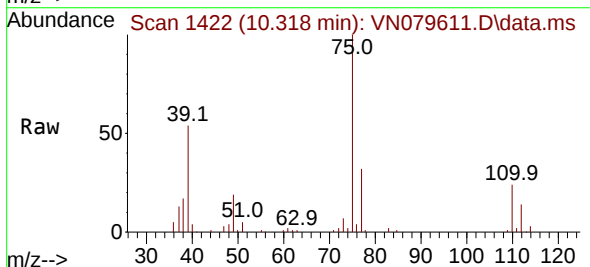
Tgt Ion: 75 Resp: 85300
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0

Manual Integrations
 APPROVED

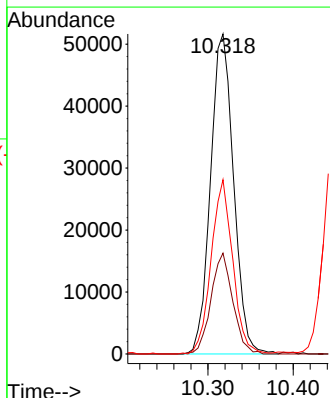
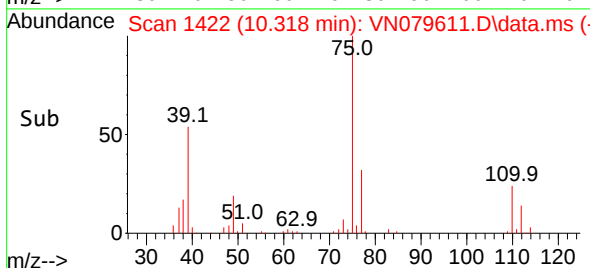
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

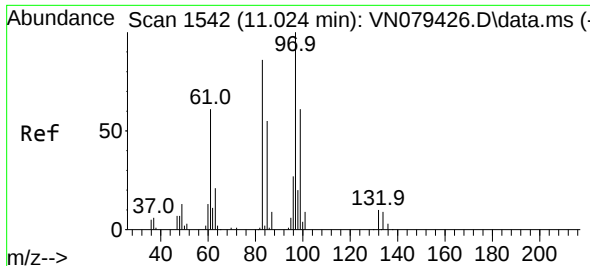


#54
 cis-1,3-Dichloropropene
 Concen: 19.649 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02



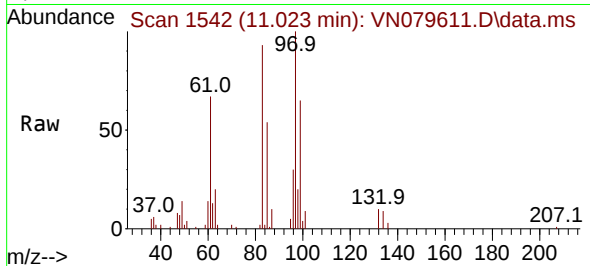
Tgt Ion: 75 Resp: 97385
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1
 39 54.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.469 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

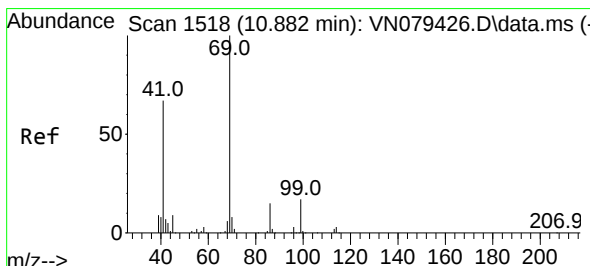
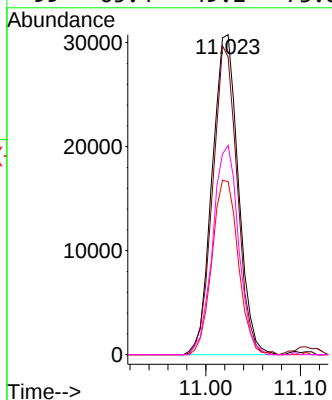
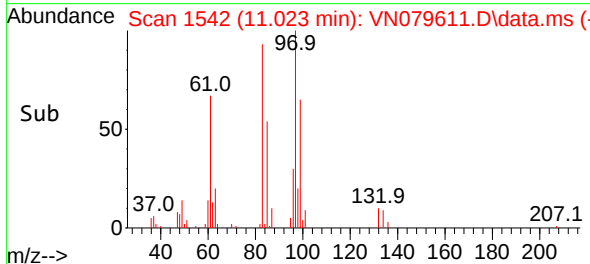
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



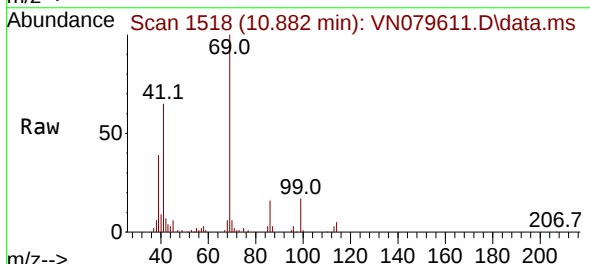
Tgt Ion:	97	Resp:	5888
Ion	Ratio	Lower	Upper
97	100		
83	93.0	65.1	97.7
85	54.1	43.4	65.2
99	65.4	49.2	73.8

Manual Integrations
APPROVED

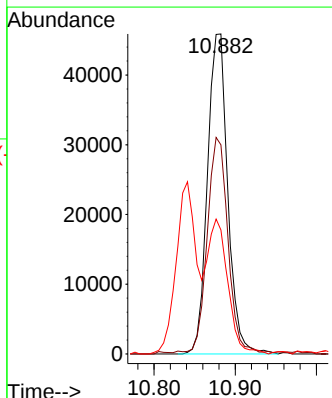
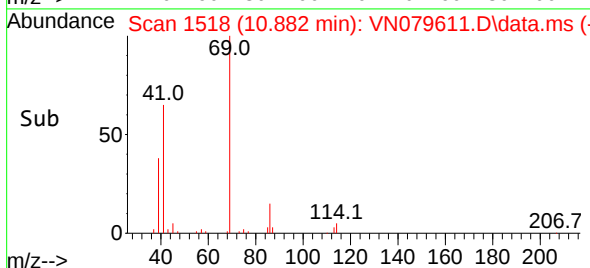
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 19.194 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



Tgt Ion:	69	Resp:	79774
Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4
39	42.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.906 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

Tgt Ion: 76 Resp: 103960

Ion Ratio Lower Upper

76 100

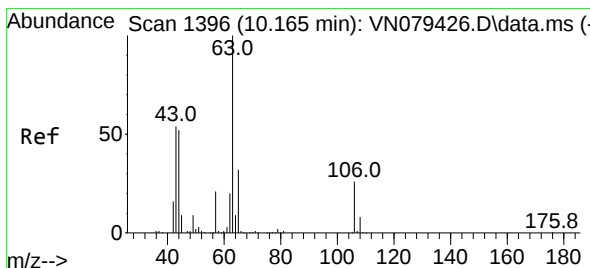
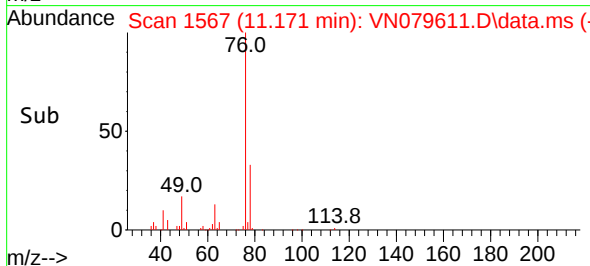
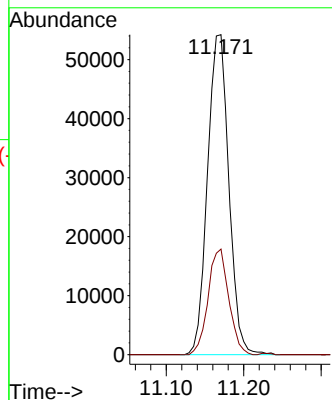
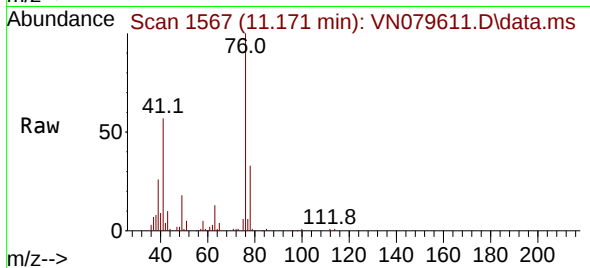
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.245 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079611.D

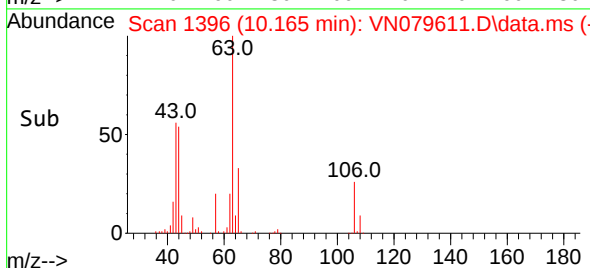
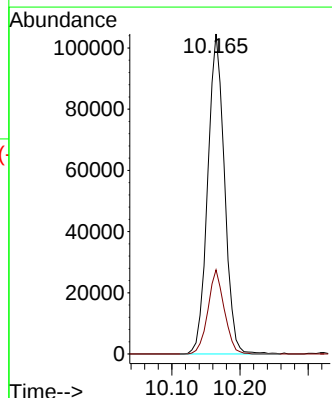
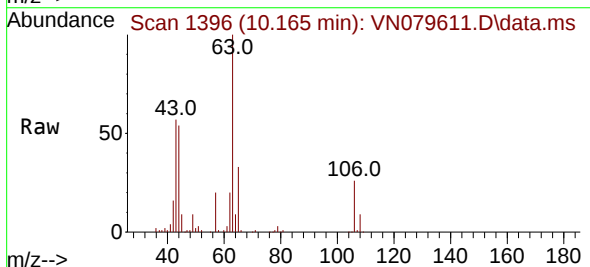
Acq: 19 Oct 2023 12:02

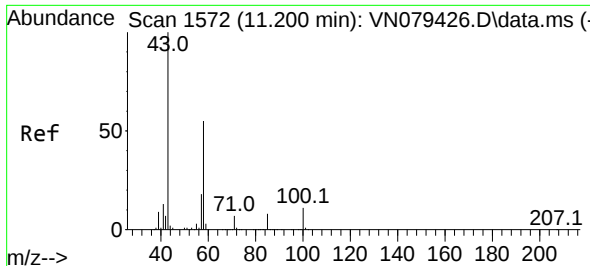
Tgt Ion: 63 Resp: 178656

Ion Ratio Lower Upper

63 100

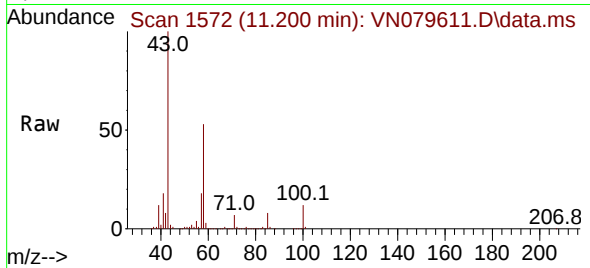
106 25.6 26.2 39.4#





#59
2-Hexanone
Concen: 93.857 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

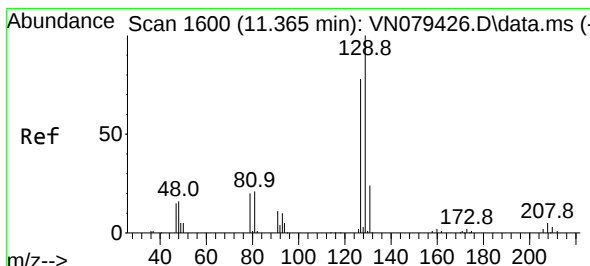
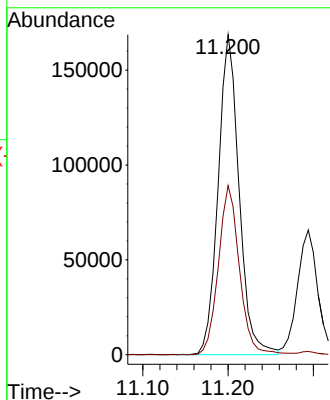
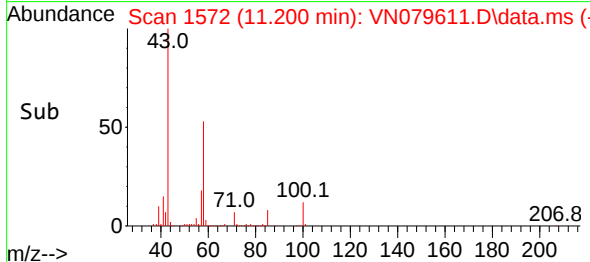
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 43 Resp: 287229
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

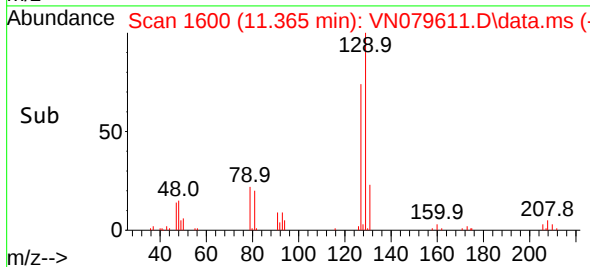
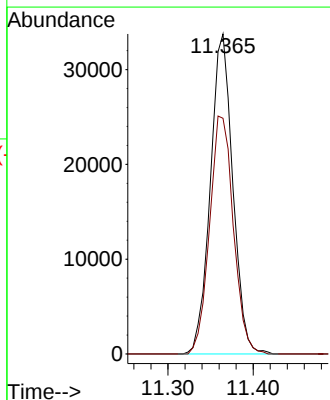
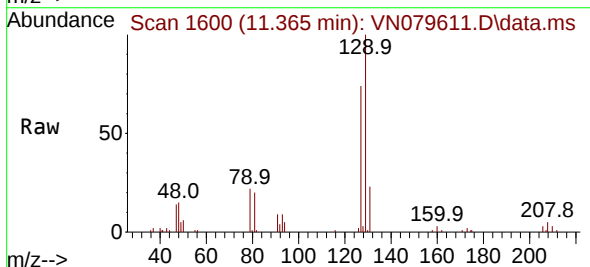
Manual Integrations
APPROVED

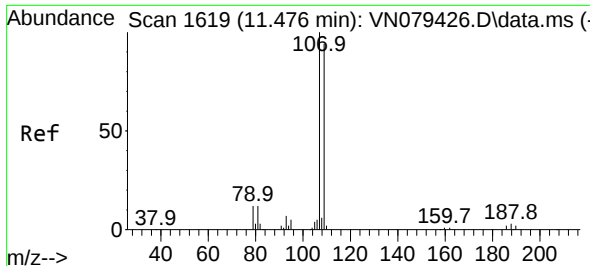
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 20.281 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

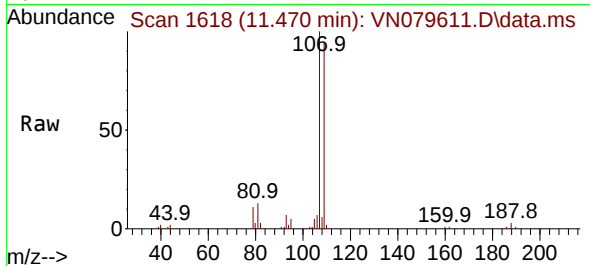
Tgt Ion:129 Resp: 61650
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.166 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

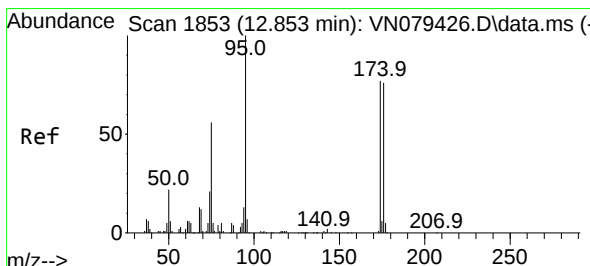
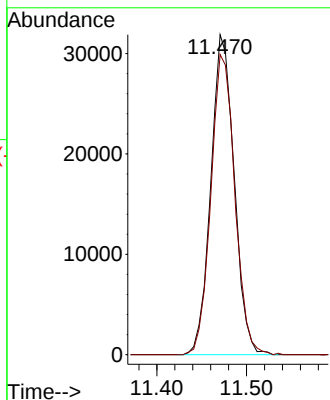
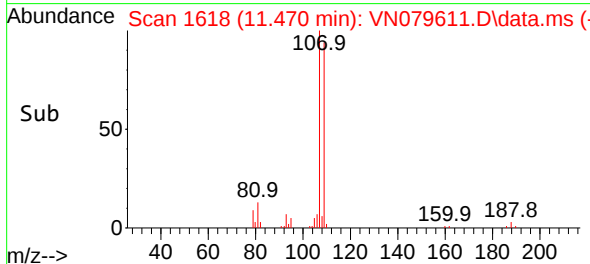
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion:107 Resp: 5752
Ion Ratio Lower Upper
107 100
109 96.2 76.6 114.8

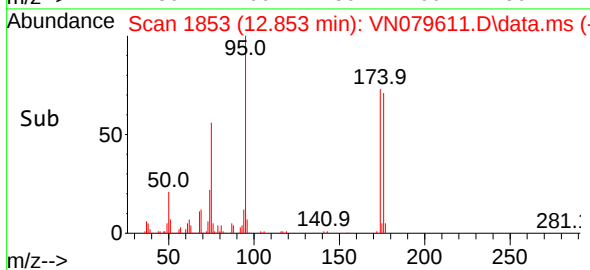
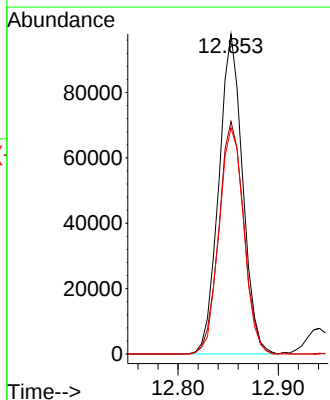
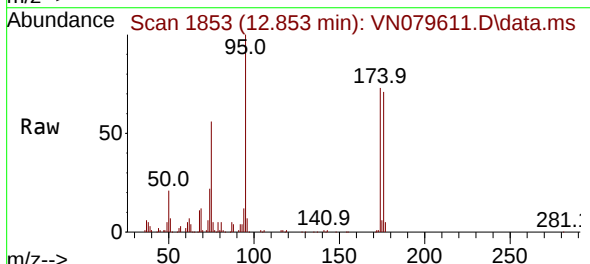
Manual Integrations
APPROVED

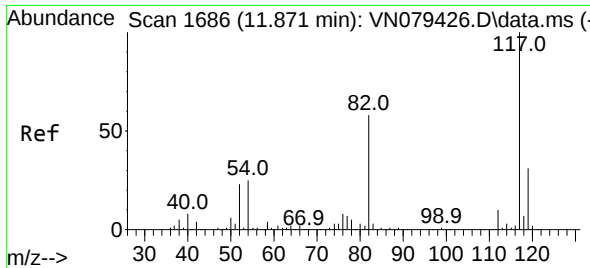
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 48.390 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

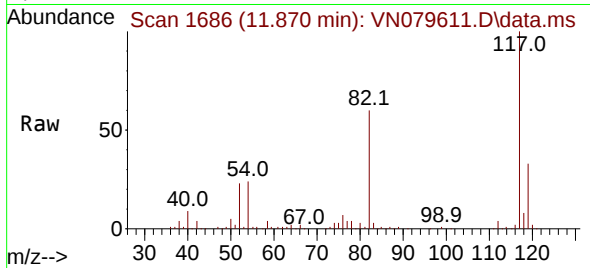
Tgt Ion: 95 Resp: 161343
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

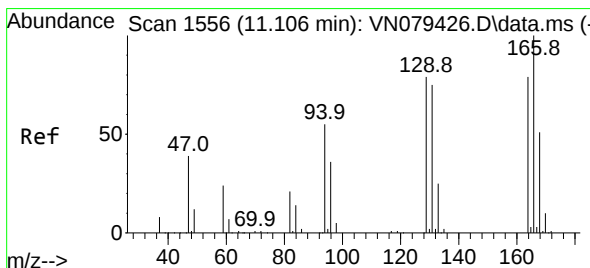
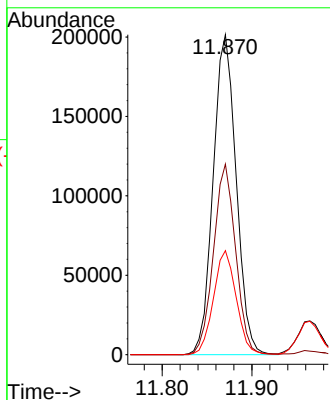
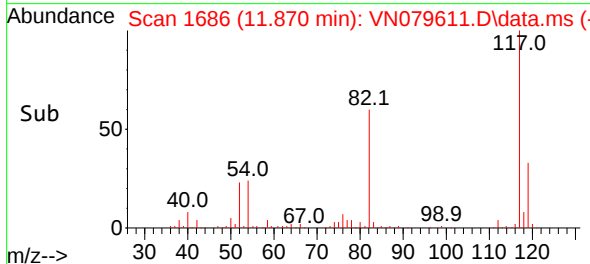
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion:117 Resp: 358624
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.5 25.6 38.4

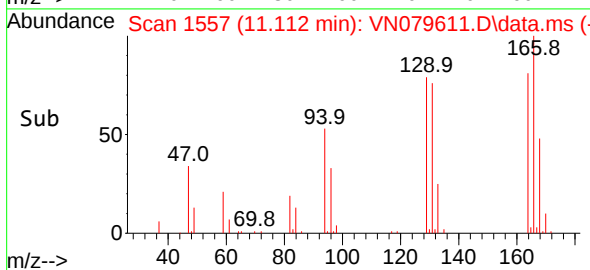
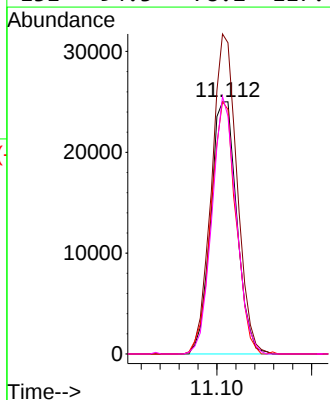
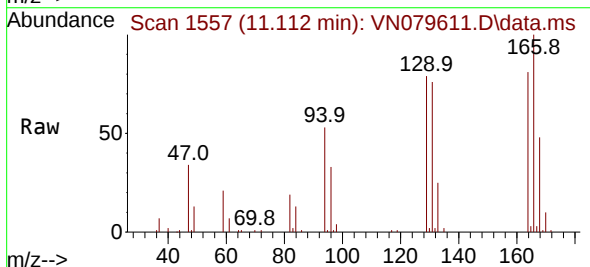
Manual Integrations
APPROVED

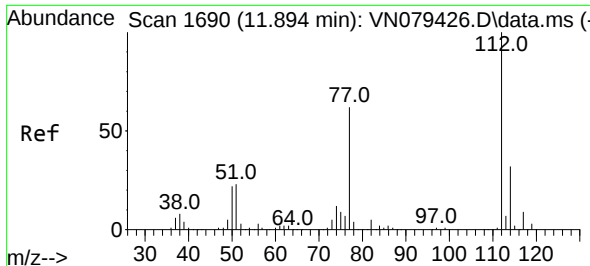
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 19.400 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

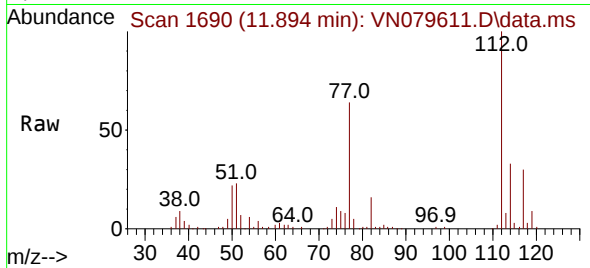
Tgt Ion:164 Resp: 47860
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 97.0 82.4 123.6
131 94.3 78.2 117.4





#65
Chlorobenzene
Concen: 18.810 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

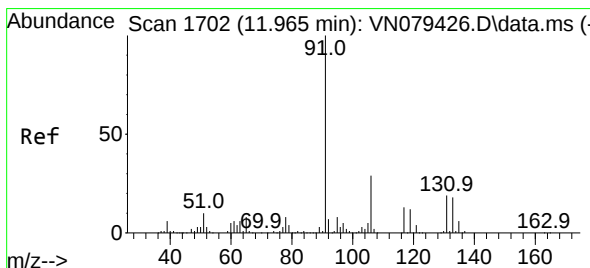
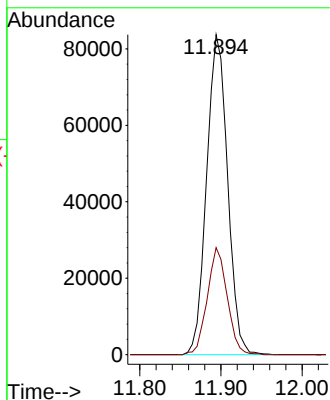
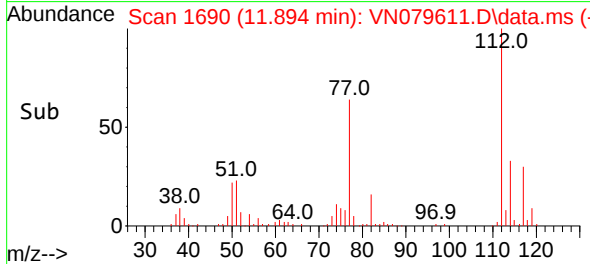
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion:112 Resp: 150229
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4

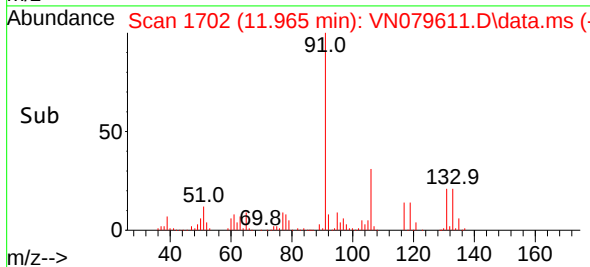
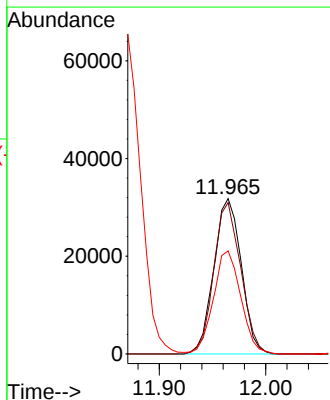
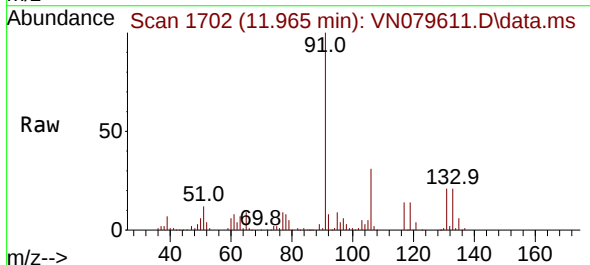
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.431 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

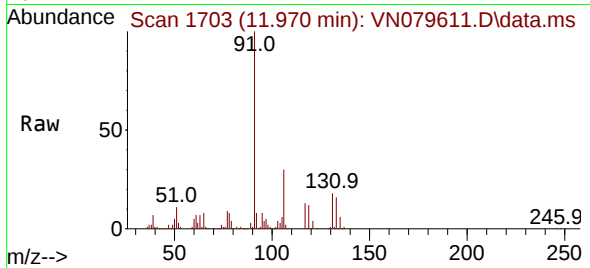
Tgt Ion:131 Resp: 56823
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.737 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

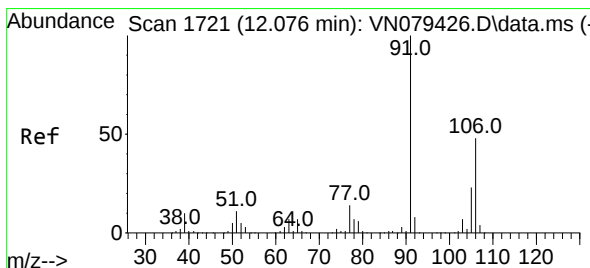
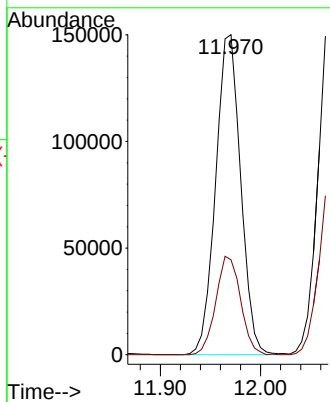
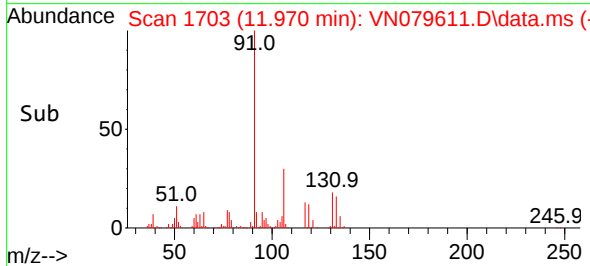
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



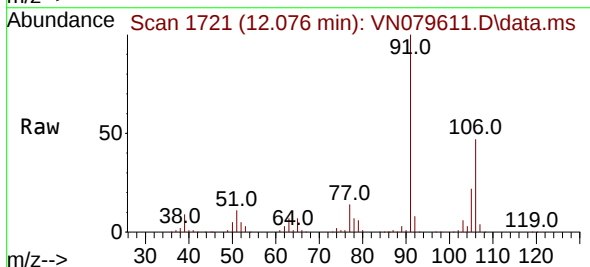
Tgt Ion: 91 Resp: 260095
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

Manual Integrations
APPROVED

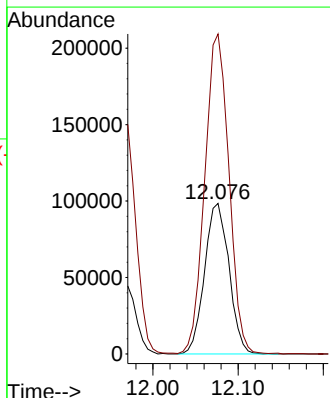
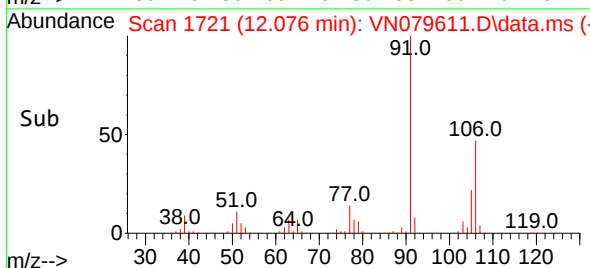
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

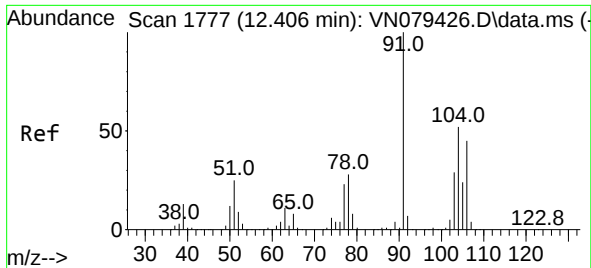


#68
m/p-Xylenes
Concen: 38.786 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



Tgt Ion:106 Resp: 195630
Ion Ratio Lower Upper
106 100
91 210.4 159.6 239.4





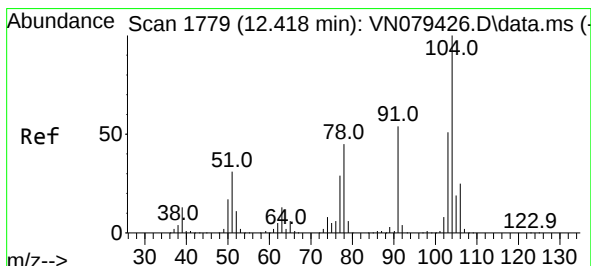
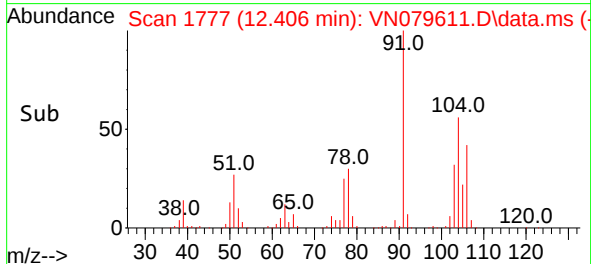
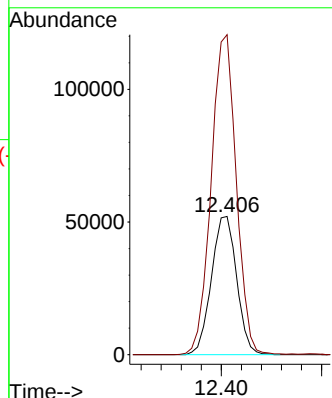
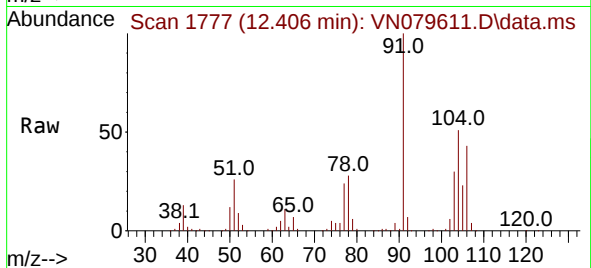
#69
o-Xylene
Concen: 18.370 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion:106 Resp: 91120
Ion Ratio Lower Upper
106 100
91 230.4 105.2 315.5

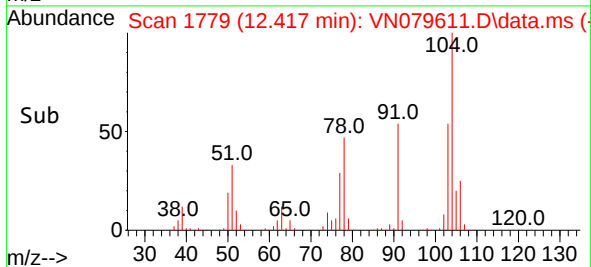
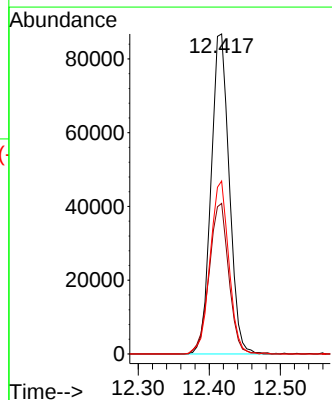
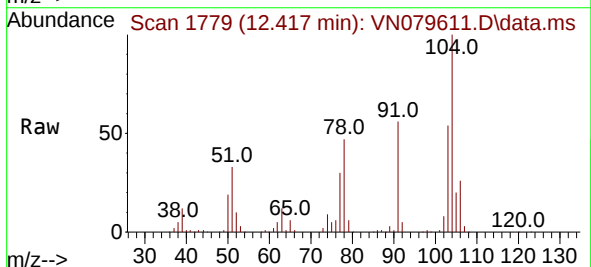
Manual Integrations
APPROVED

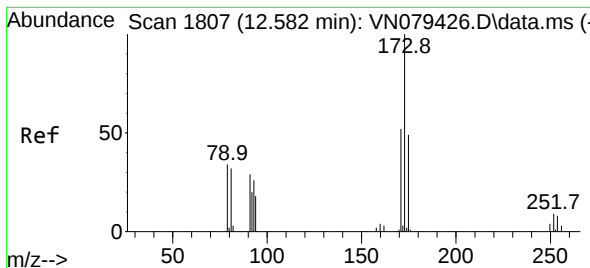
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 19.720 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

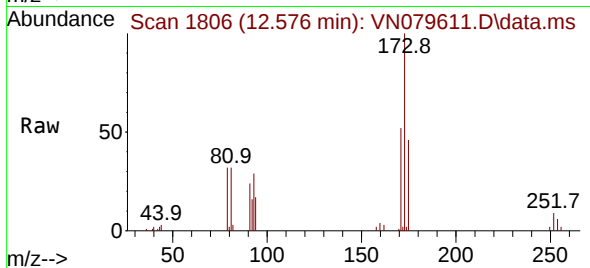
Tgt Ion:104 Resp: 154508
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 18.608 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

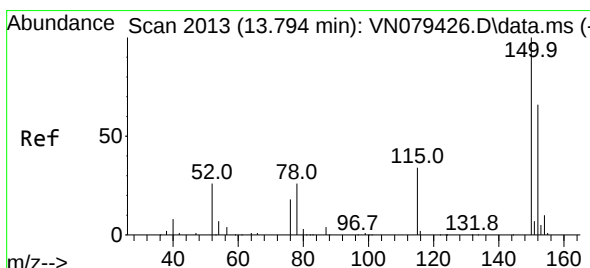
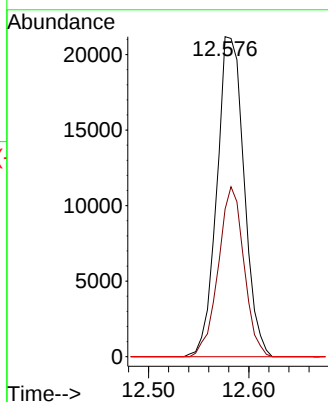
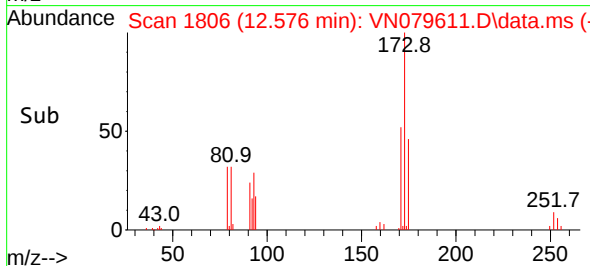
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



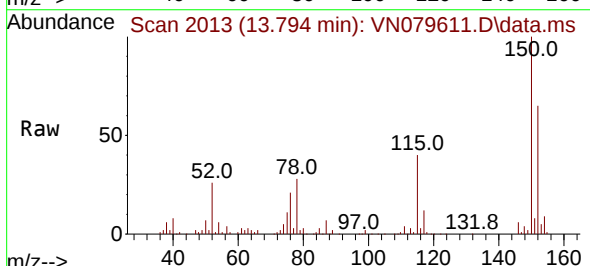
Tgt Ion:173 Resp: 39820
Ion Ratio Lower Upper
173 100
175 50.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

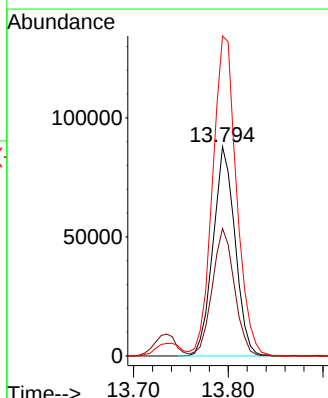
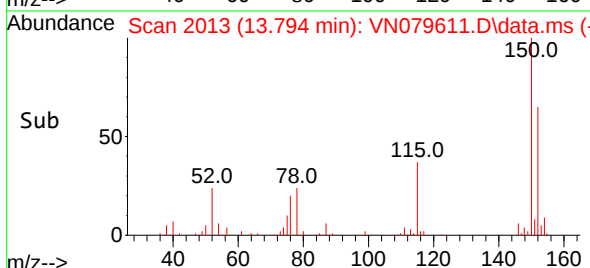
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

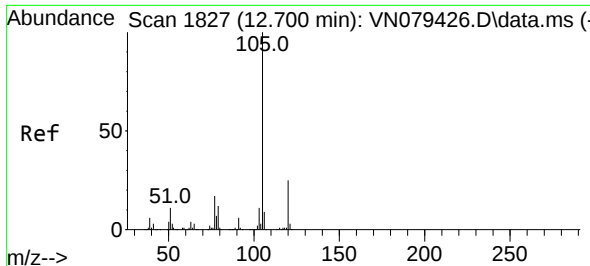


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



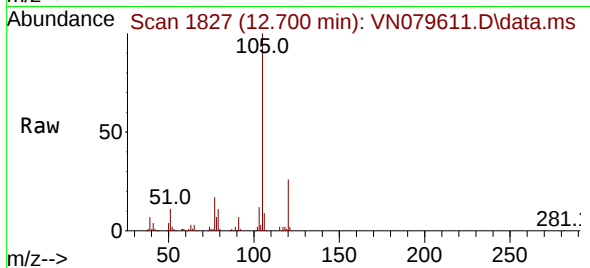
Tgt Ion:152 Resp: 141630
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 166.5 0.0 355.8





#73
Isopropylbenzene
Concen: 17.988 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

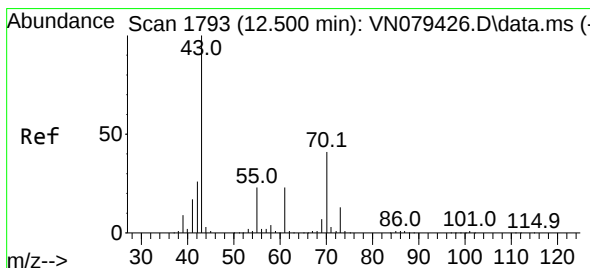
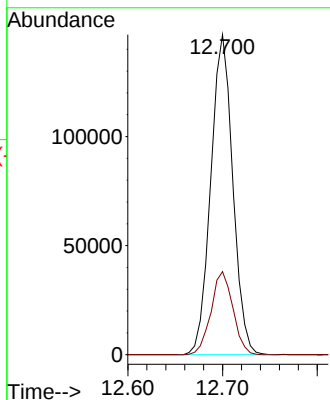
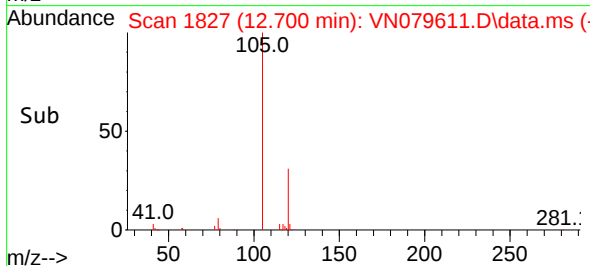
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion:105 Resp: 237012
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

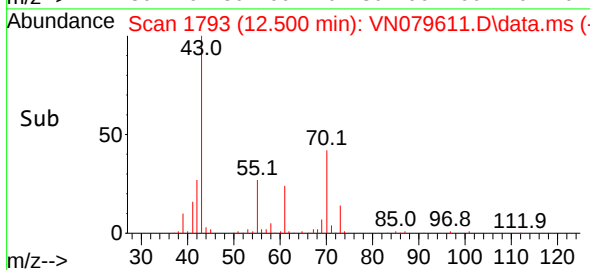
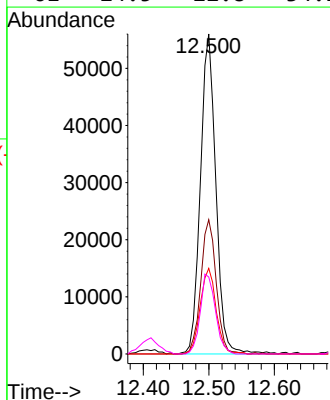
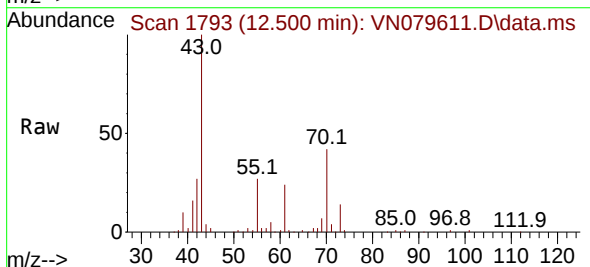
Manual Integrations
APPROVED

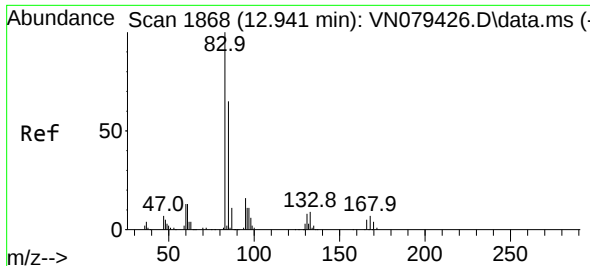
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 17.053 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

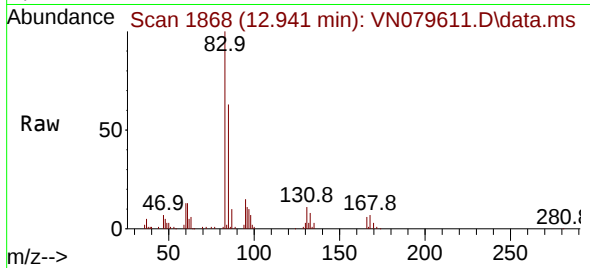
Tgt Ion: 43 Resp: 92118
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 27.6 21.4 32.0
61 24.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.299 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

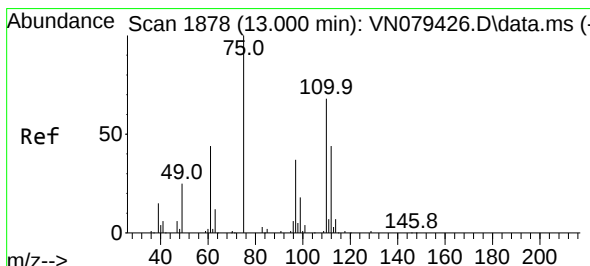
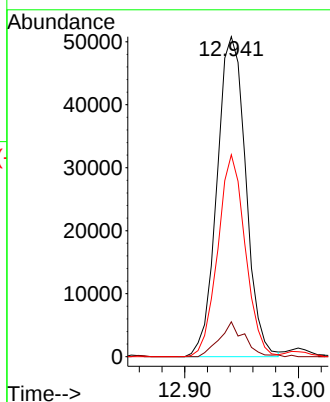
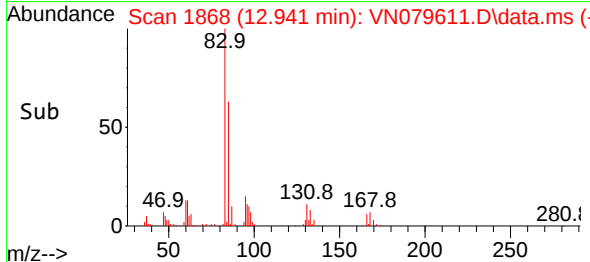
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



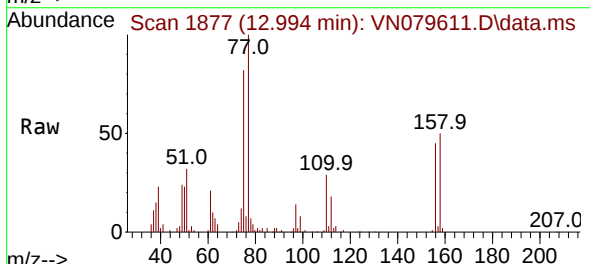
Tgt Ion: 83 Resp: 89399
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 60.2 31.9 95.7

Manual Integrations
APPROVED

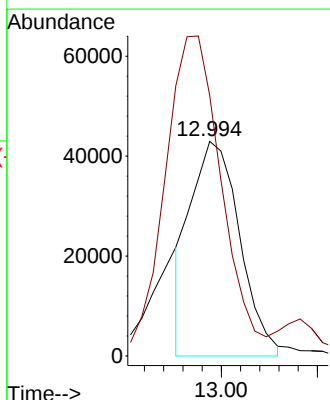
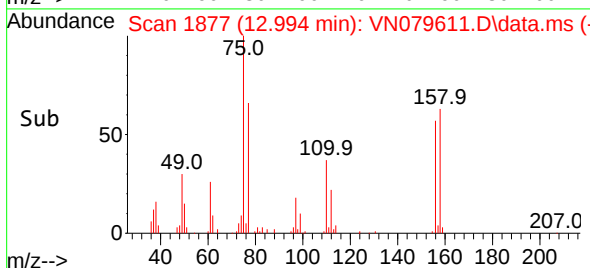
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

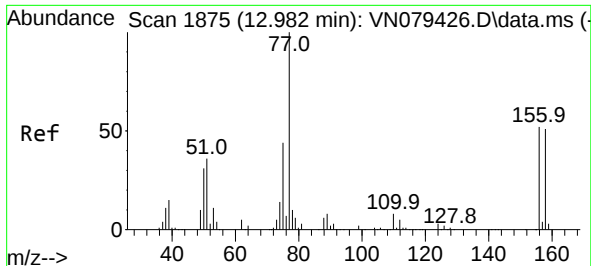


#76
1,2,3-Trichloropropane
Concen: 18.705 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



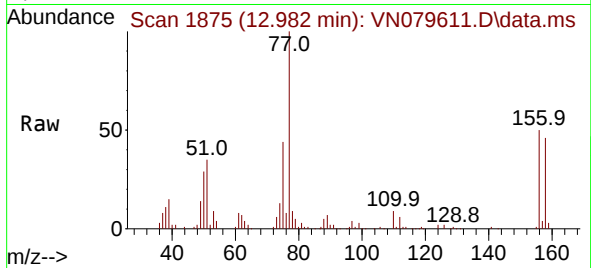
Tgt Ion: 75 Resp: 76383
Ion Ratio Lower Upper
75 100
77 172.0 84.5 253.5





#77
Bromobenzene
Concen: 17.603 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

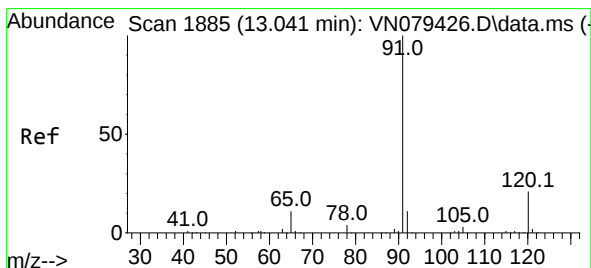
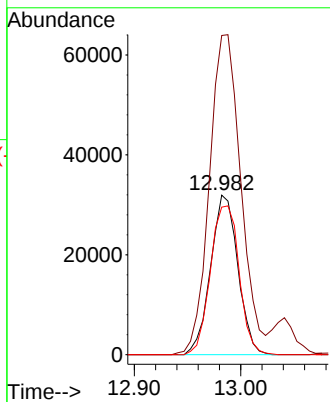
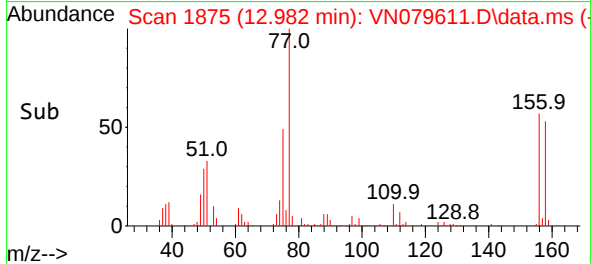
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



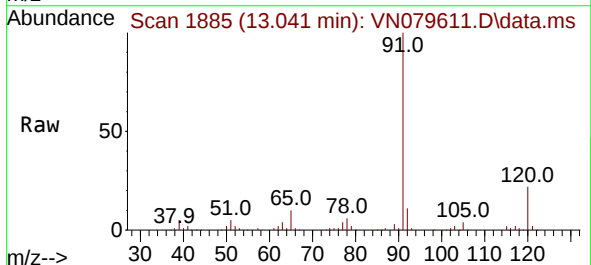
Tgt Ion:156 Resp: 56872
Ion Ratio Lower Upper
156 100
77 231.0 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
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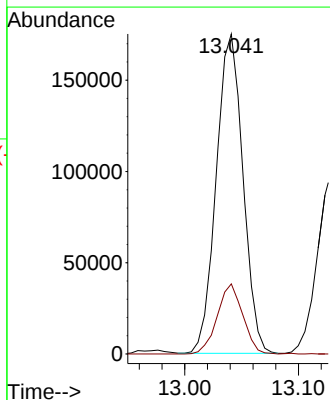
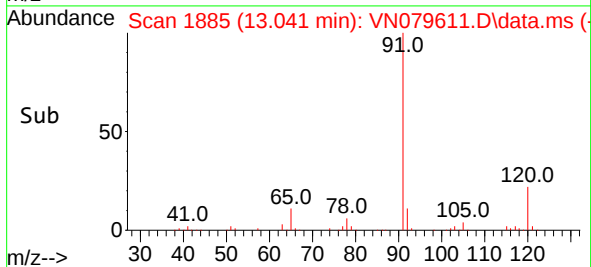
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

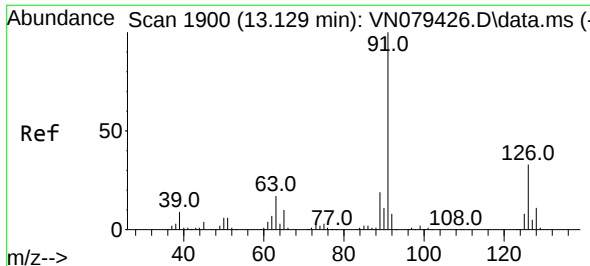


#78
n-propylbenzene
Concen: 19.203 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



Tgt Ion: 91 Resp: 286271
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4





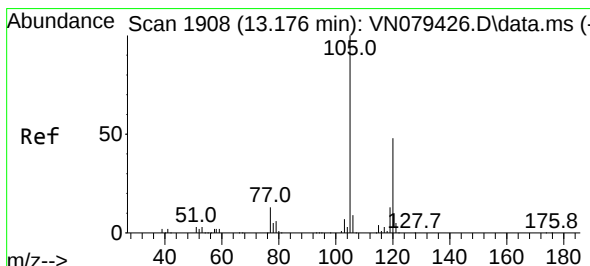
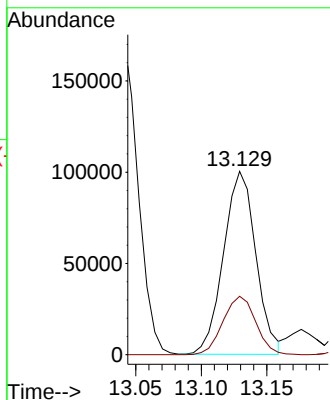
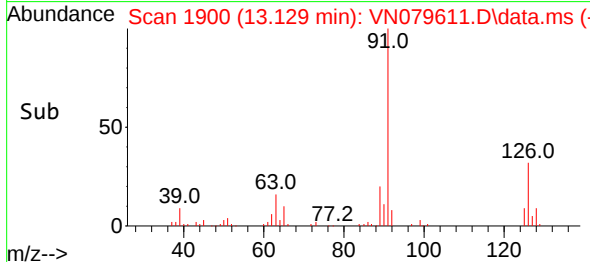
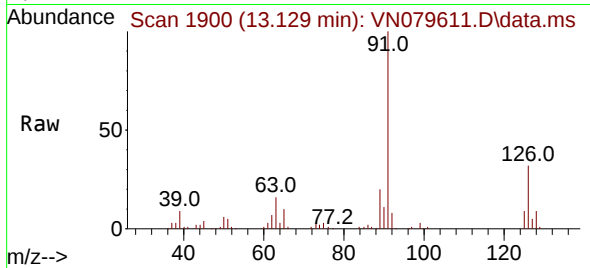
#79
2-Chlorotoluene
Concen: 18.068 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 91 Resp: 172360
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

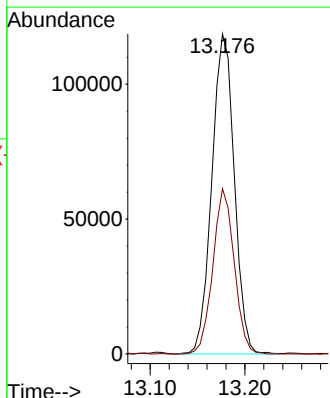
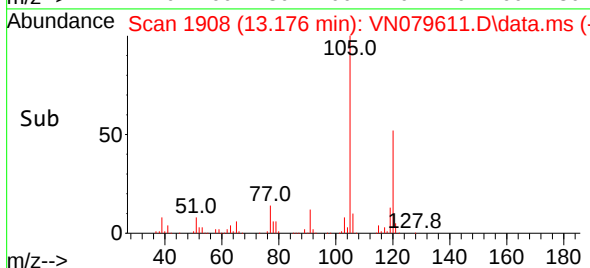
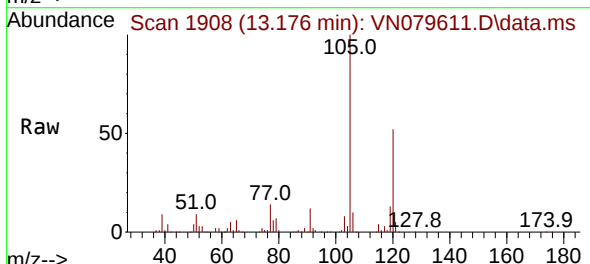
Manual Integrations
APPROVED

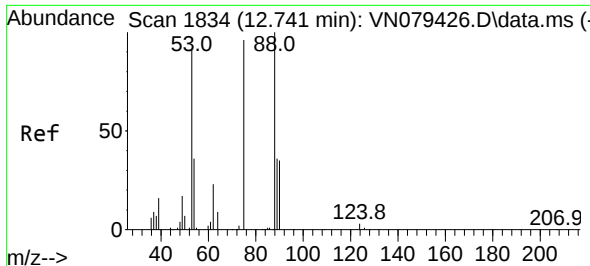
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.792 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

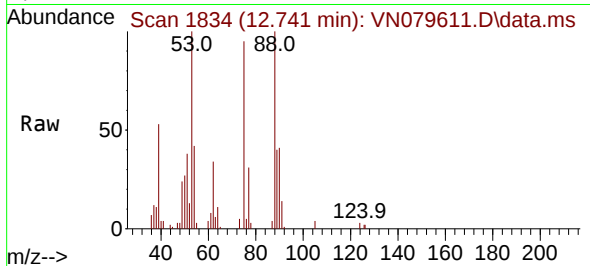
Tgt Ion:105 Resp: 195246
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.619 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

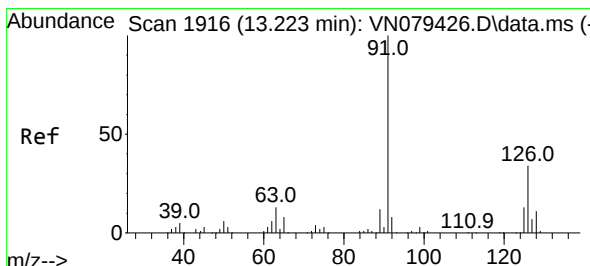
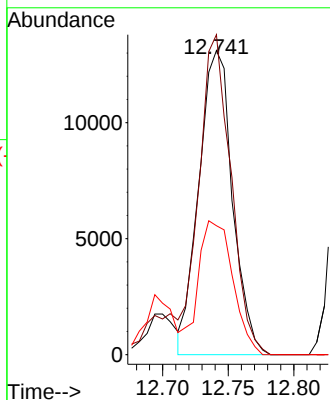
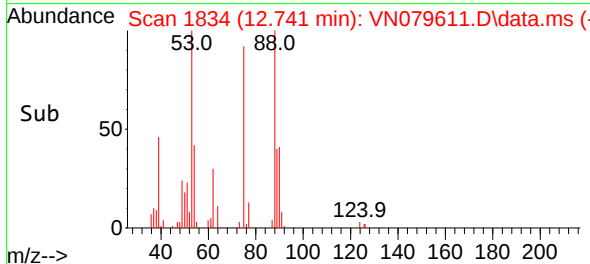
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



Tgt Ion: 75 Resp: 23389
Ion Ratio Lower Upper
75 100
53 113.0 67.4 101.2
89 45.7 38.8 58.2

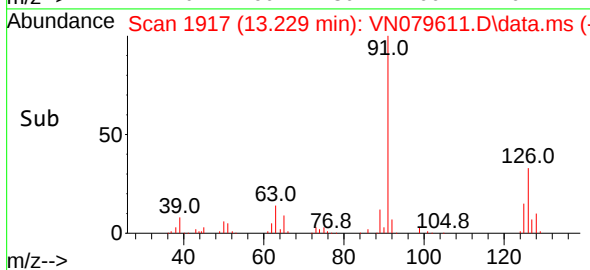
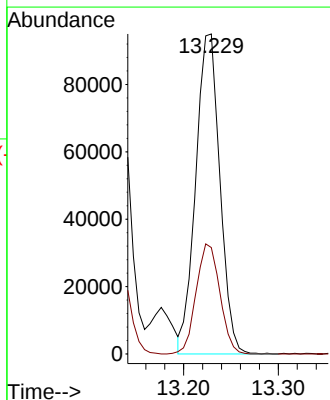
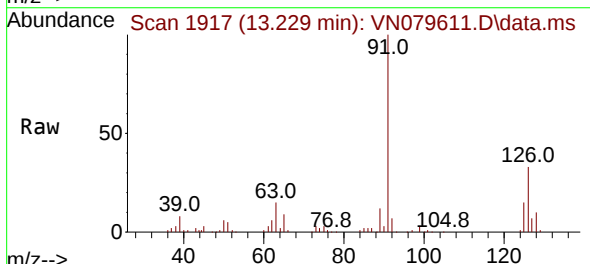
Manual Integrations
APPROVED

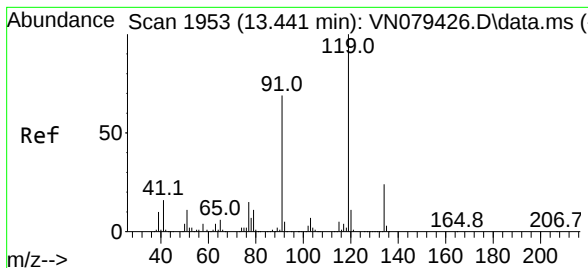
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 18.573 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

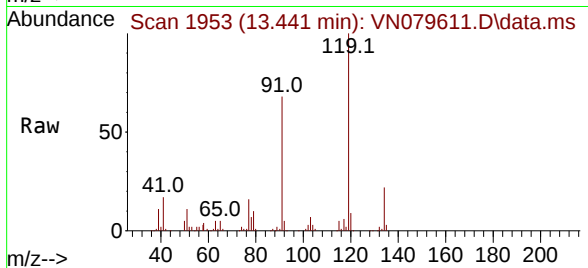
Tgt Ion: 91 Resp: 168599
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.505 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

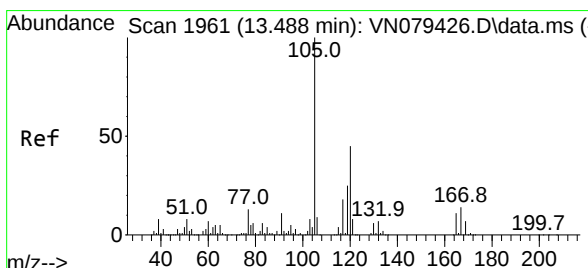
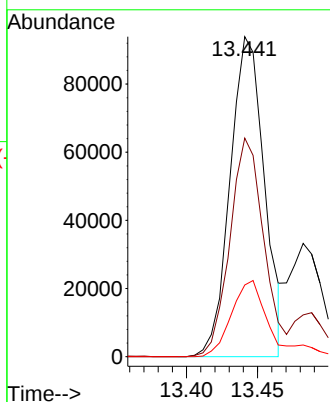
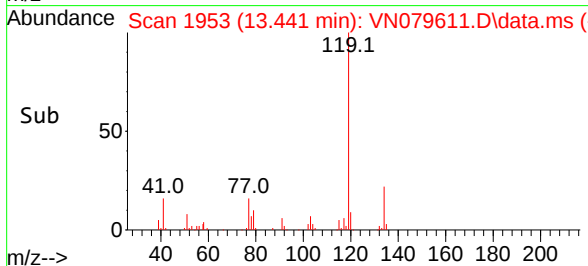
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01



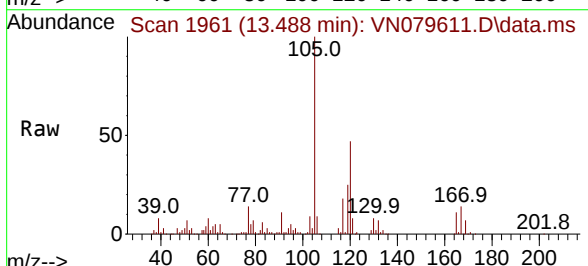
Tgt Ion:119 Resp: 15752
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

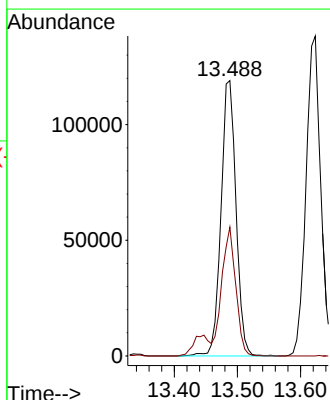
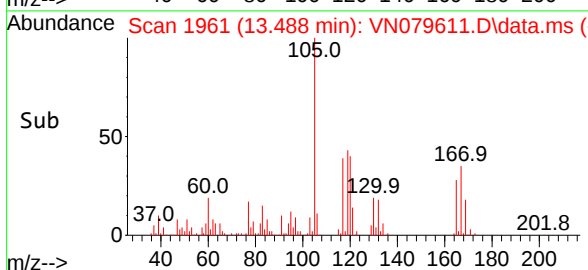
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.829 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02



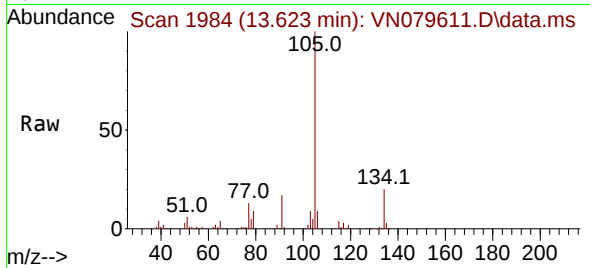
Tgt Ion:105 Resp: 196620
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.729 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02

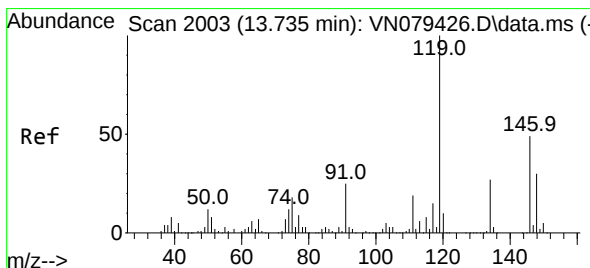
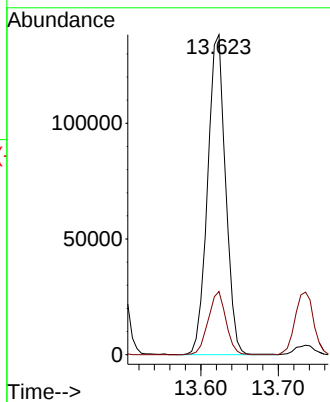
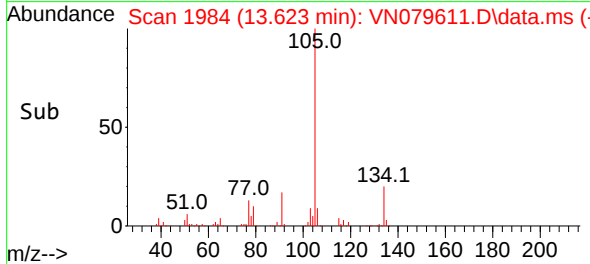
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01



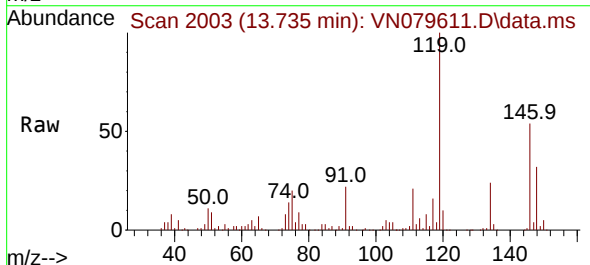
Tgt Ion:105 Resp: 222384
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

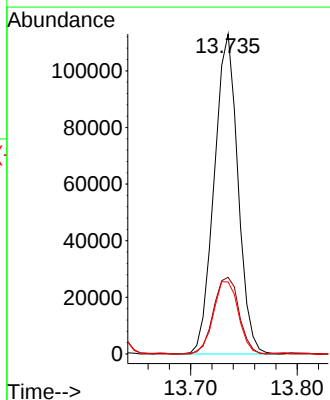
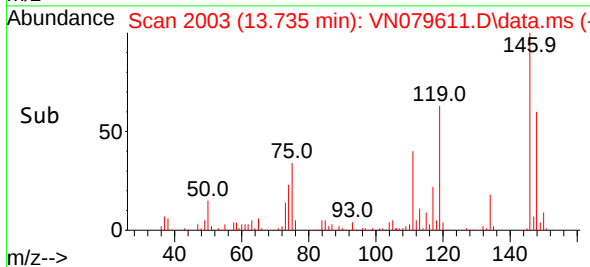
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

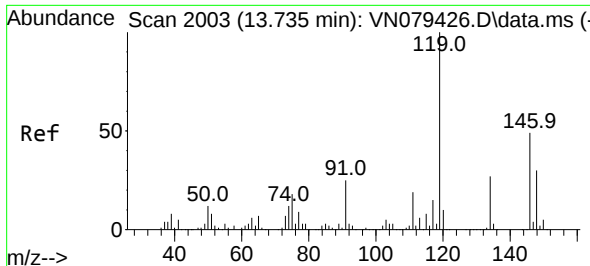


#86
 p-Isopropyltoluene
 Concen: 19.148 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079611.D
 Acq: 19 Oct 2023 12:02



Tgt Ion:119 Resp: 174416
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.185 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079611.D

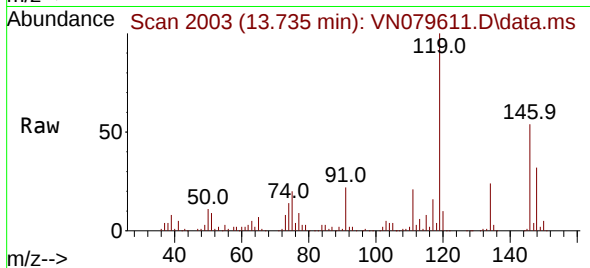
Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01



Tgt Ion:146 Resp: 98310

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.3

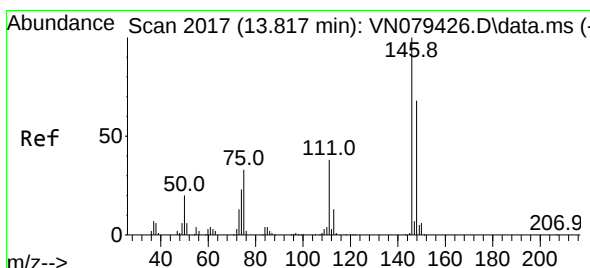
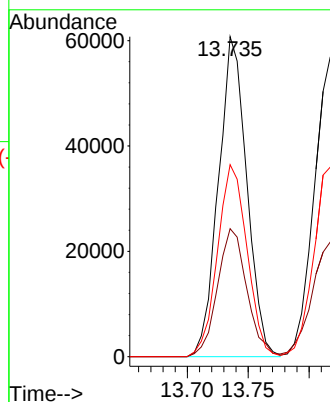
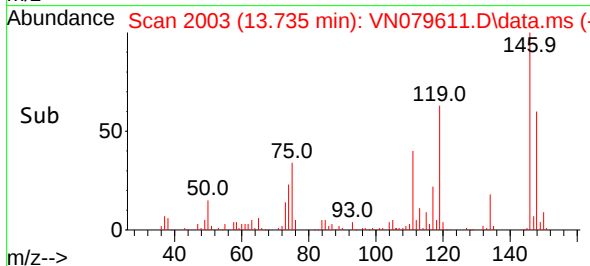
148 62.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#88

1,4-Dichlorobenzene

Concen: 17.916 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

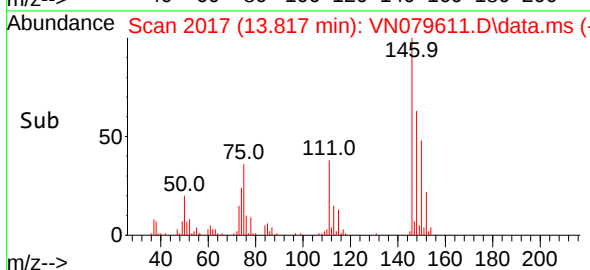
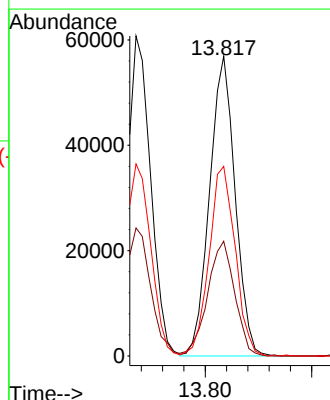
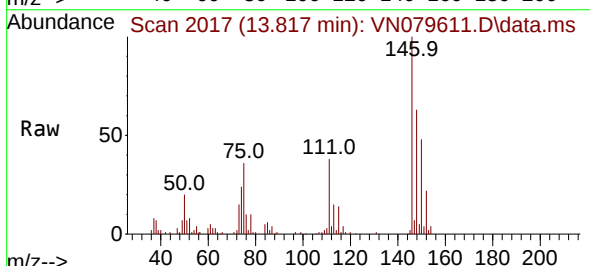
Tgt Ion:146 Resp: 94796

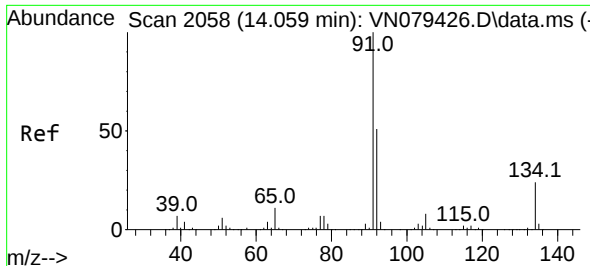
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.8

148 64.5 31.6 94.8





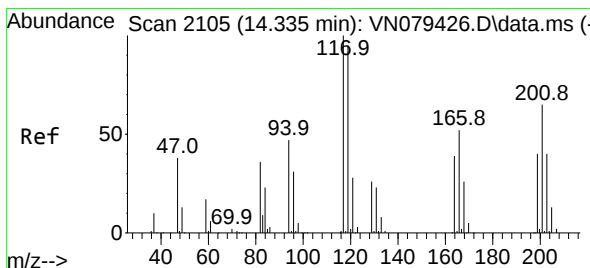
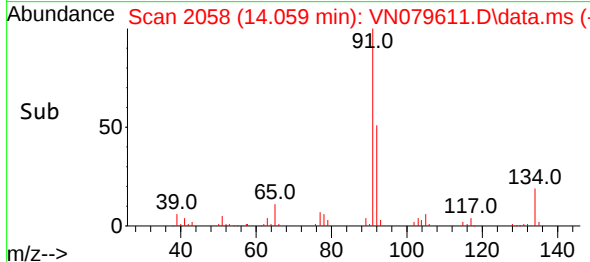
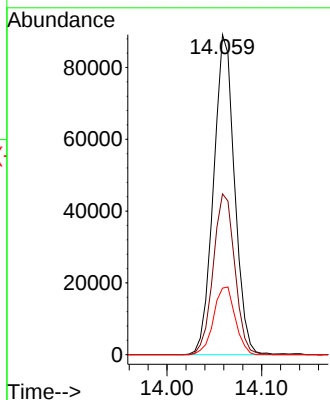
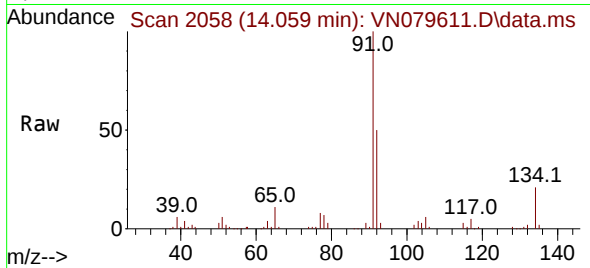
#89
n-Butylbenzene
Concen: 18.930 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion: 91 Resp: 13769
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 21.8 12.6 37.6

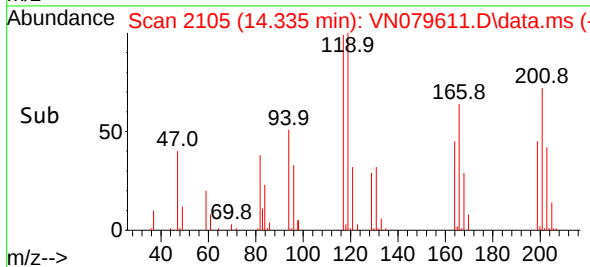
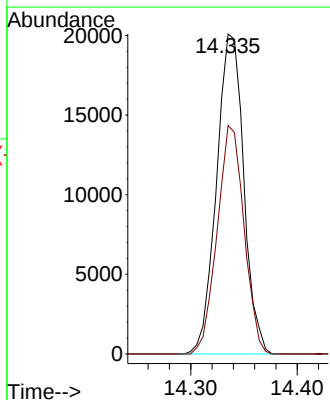
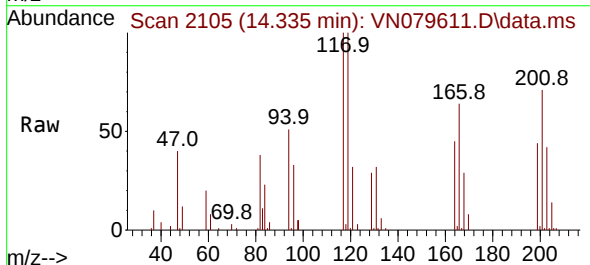
Manual Integrations
APPROVED

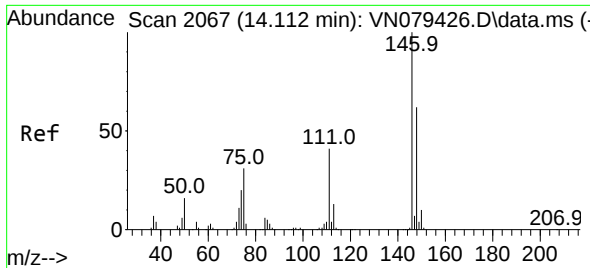
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 18.613 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion:117 Resp: 35634
Ion Ratio Lower Upper
117 100
201 70.5 29.3 88.0





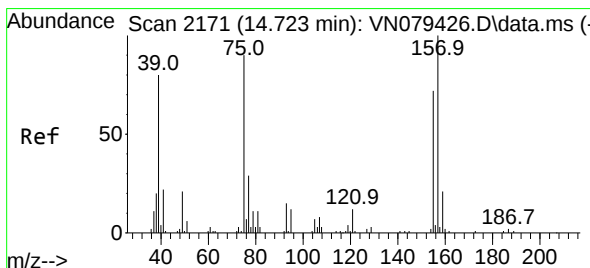
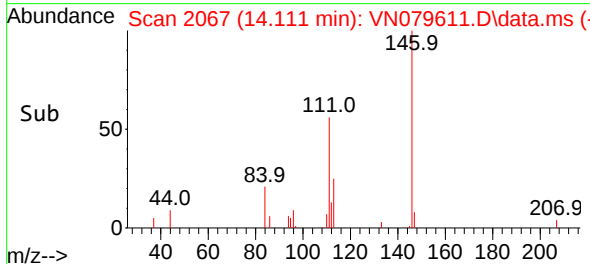
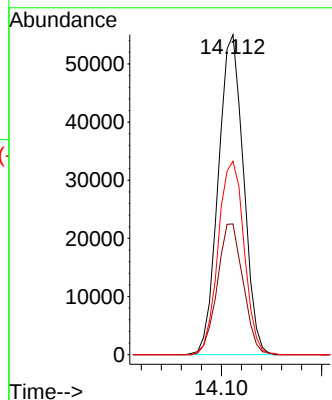
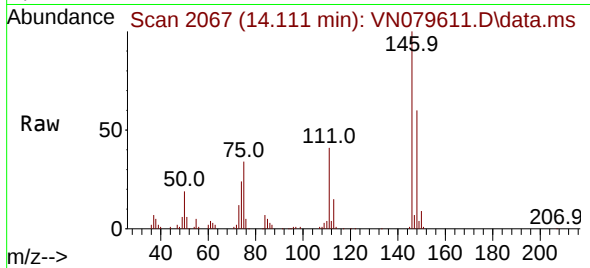
#91
1,2-Dichlorobenzene
Concen: 19.176 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion:146 Resp: 95850
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 62.3 31.8 95.3

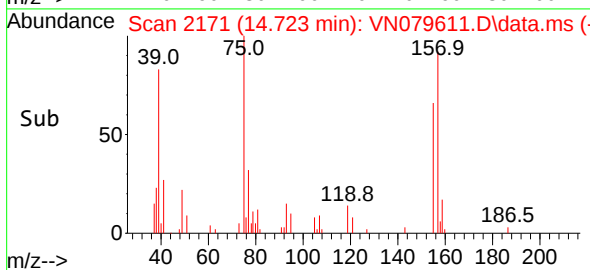
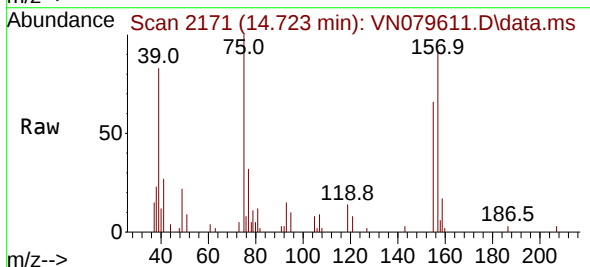
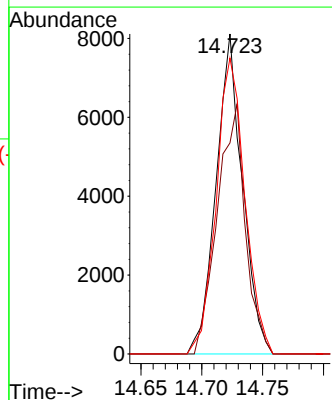
Manual Integrations
APPROVED

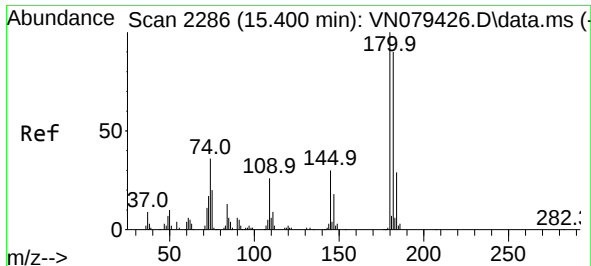
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.073 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion: 75 Resp: 12246
Ion Ratio Lower Upper
75 100
155 83.0 39.1 117.2
157 100.5 50.3 150.9





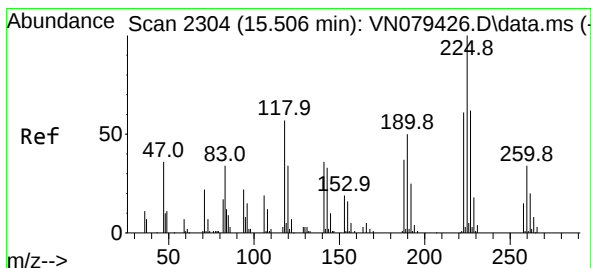
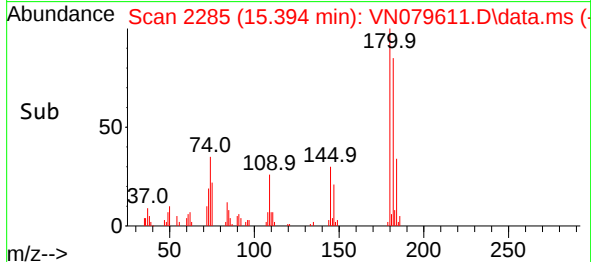
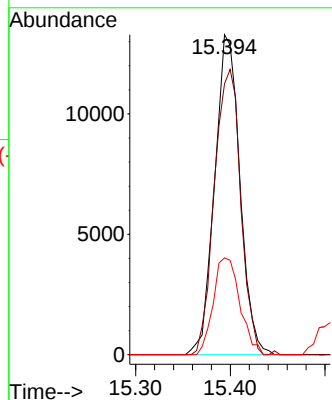
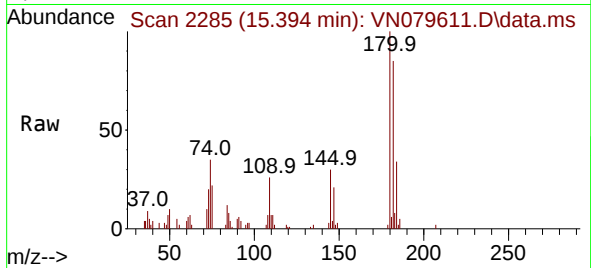
#93
1,2,4-Trichlorobenzene
Concen: 15.892 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBSD01

Tgt Ion:180 Resp: 2460
Ion Ratio Lower Upper
180 100
182 92.6 46.1 138.2
145 31.9 16.6 49.8

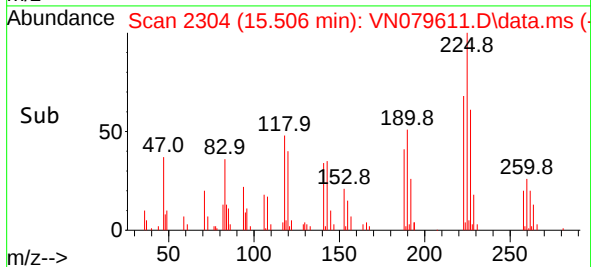
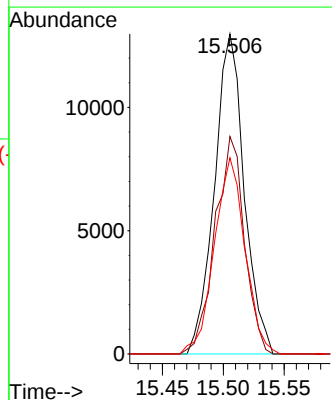
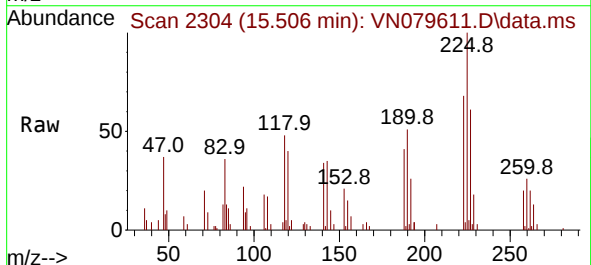
Manual Integrations
APPROVED

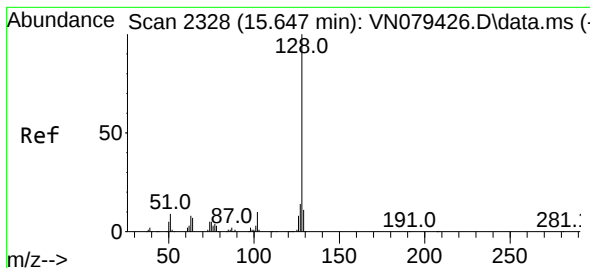
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#94
Hexachlorobutadiene
Concen: 18.350 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079611.D
Acq: 19 Oct 2023 12:02

Tgt Ion:225 Resp: 22124
Ion Ratio Lower Upper
225 100
223 66.8 31.3 93.8
227 63.1 31.9 95.9





#95

Naphthalene

Concen: 13.633 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBSD01

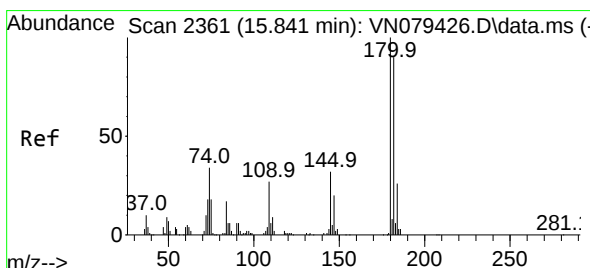
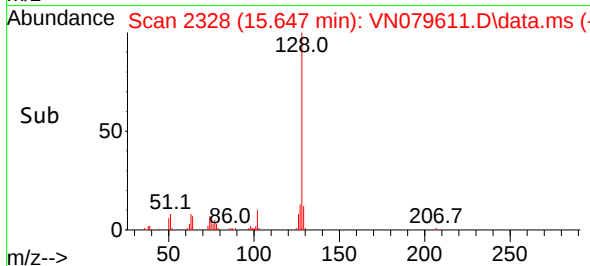
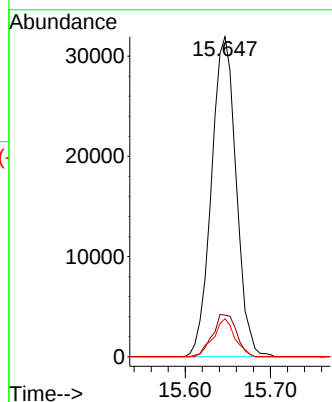
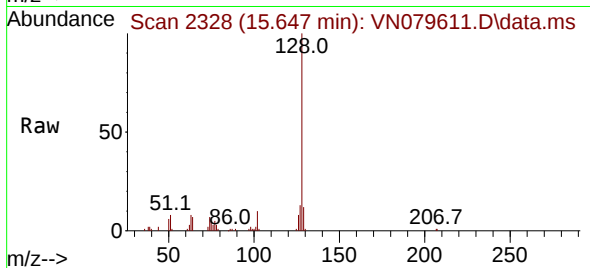
Tgt Ion:128	Resp: 6444
Ion Ratio	Lower Upper
128 100	
127 12.7	10.0 15.0
129 10.5	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.215 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079611.D

Acq: 19 Oct 2023 12:02

Tgt Ion:180	Resp: 29955
Ion Ratio	Lower Upper
180 100	
182 86.6	46.2 138.6
145 31.8	17.5 52.6

