

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079729.D
 Acq On : 30 Oct 2023 17:55
 Operator : JC\MD
 Sample : VN1030WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:32:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	269360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	463752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	424053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218036	50.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.171	113	166776	50.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	10.570	98	638920	51.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.853	95	189534	48.722	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	68414	19.240	ug/l	99
3) Chloromethane	2.365	50	77402	17.969	ug/l	99
4) Vinyl Chloride	2.518	62	83696	18.041	ug/l	99
5) Bromomethane	2.959	94	50251	16.502	ug/l	98
6) Chloroethane	3.130	64	61310	18.040	ug/l	97
7) Trichlorofluoromethane	3.500	101	100371	18.399	ug/l	98
8) Diethyl Ether	3.965	74	36655	18.567	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	58002	18.357	ug/l	98
10) Methyl Iodide	4.594	142	61605	19.373	ug/l	97
11) Tert butyl alcohol	5.524	59	48831	85.111	ug/l	100
12) 1,1-Dichloroethene	4.341	96	53513	18.082	ug/l	93
13) Acrolein	4.183	56	50316	87.181	ug/l	93
14) Allyl chloride	5.024	41	86513	17.431	ug/l #	92
15) Acrylonitrile	5.724	53	162971	92.311	ug/l	99
16) Acetone	4.436	43	148544	80.266	ug/l	97
17) Carbon Disulfide	4.718	76	154981	17.149	ug/l	100
18) Methyl Acetate	5.030	43	135250	18.115	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	185414	18.517	ug/l #	89
20) Methylene Chloride	5.283	84	67783	18.496	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	61425	18.286	ug/l	85
22) Diisopropyl ether	6.677	45	204230	18.304	ug/l #	90
23) Vinyl Acetate	6.612	43	553884	90.164	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	121665	18.197	ug/l	97
25) 2-Butanone	7.488	43	213032	83.803	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	96034	17.751	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	69799	18.047	ug/l	85
28) Bromochloromethane	7.812	49	69497	21.251	ug/l #	74
29) Tetrahydrofuran	7.841	42	137717	88.677	ug/l #	76
30) Chloroform	7.971	83	124475	18.488	ug/l	91
31) Cyclohexane	8.259	56	102148	17.309	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	106084	18.176	ug/l	89
36) 1,1-Dichloropropene	8.376	75	90437	18.396	ug/l	95
37) Ethyl Acetate	7.559	43	89270	18.320	ug/l #	92
38) Carbon Tetrachloride	8.365	117	91684	18.702	ug/l	98
39) Methylcyclohexane	9.606	83	85948	17.577	ug/l #	89
40) Benzene	8.612	78	274098	18.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	48111	18.931	ug/l #	85
42) 1,2-Dichloroethane	8.676	62	101479	19.257	ug/l	97
43) Isopropyl Acetate	8.694	43	138704	17.805	ug/l #	92
44) Trichloroethene	9.359	130	66027	18.786	ug/l	97
45) 1,2-Dichloropropane	9.623	63	73305	19.022	ug/l	99
46) Dibromomethane	9.712	93	48129	18.518	ug/l	92
47) Bromodichloromethane	9.888	83	97982	18.793	ug/l	98
48) Methyl methacrylate	9.688	41	65118	18.031	ug/l #	78
49) 1,4-Dioxane	9.700	88	22871	359.871	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	446654	92.150	ug/l	88
52) Toluene	10.635	92	165133	18.643	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	95187	18.079	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	106426	18.476	ug/l #	89
55) 1,1,2-Trichloroethane	11.017	97	67000	19.126	ug/l	96
56) Ethyl methacrylate	10.876	69	87582	17.703	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	117762	19.209	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	161912	88.834	ug/l	90
59) 2-Hexanone	11.200	43	311314	87.351	ug/l	86
60) Dibromochloromethane	11.365	129	68057	18.775	ug/l	99
61) 1,2-Dibromoethane	11.470	107	65404	18.740	ug/l	94
64) Tetrachloroethene	11.106	164	58230	19.357	ug/l	86
65) Chlorobenzene	11.894	112	170846	18.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	61614	17.667	ug/l	97
67) Ethyl Benzene	11.964	91	294975	17.839	ug/l	97
68) m/p-Xylenes	12.076	106	224008	36.628	ug/l	96
69) o-Xylene	12.400	106	105891	18.006	ug/l	96
70) Styrene	12.417	104	169668	18.011	ug/l	97
71) Bromoform	12.582	173	44713	17.900	ug/l #	99
73) Isopropylbenzene	12.700	105	264713	17.656	ug/l	100
74) N-amyl acetate	12.500	43	101342	16.994	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	97701	18.407	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	82178m	18.284	ug/l	
77) Bromobenzene	12.982	156	63925	18.131	ug/l	97
78) n-propylbenzene	13.041	91	308104	17.840	ug/l	99
79) 2-Chlorotoluene	13.129	91	191086	17.749	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	223455	18.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	25034	16.801	ug/l #	71
82) 4-Chlorotoluene	13.229	91	187219	18.105	ug/l	99
83) tert-Butylbenzene	13.441	119	174498	17.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	217993	18.489	ug/l	100
85) sec-Butylbenzene	13.617	105	249612	17.867	ug/l	99
86) p-Isopropyltoluene	13.735	119	196206	17.633	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	107865	18.084	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	105666	17.783	ug/l	99
89) n-Butylbenzene	14.058	91	147662	16.703	ug/l	98
90) Hexachloroethane	14.341	117	41615	17.700	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	102041	17.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12823	15.665	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	26091	15.088	ug/l	97
94) Hexachlorobutadiene	15.505	225	25619	16.697	ug/l	95
95) Naphthalene	15.647	128	66573	13.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	29967	15.519	ug/l	98

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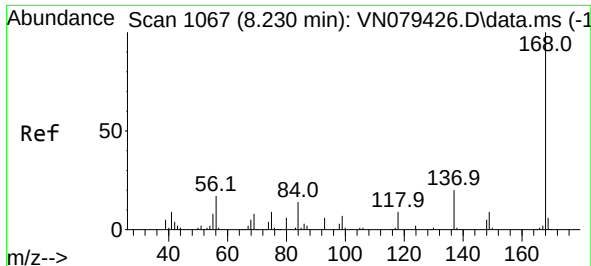
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

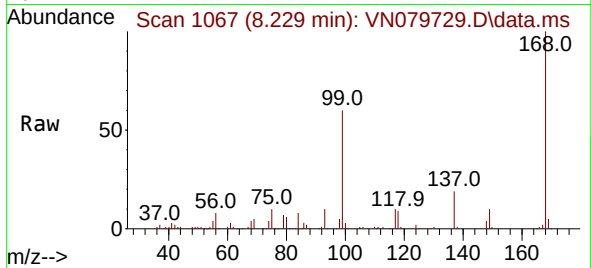
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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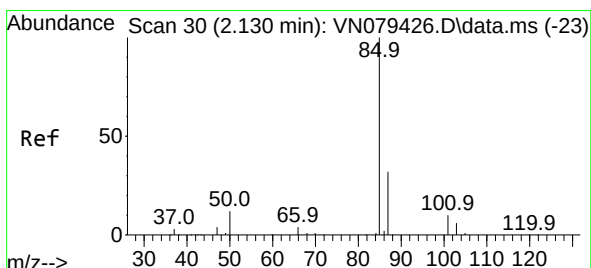
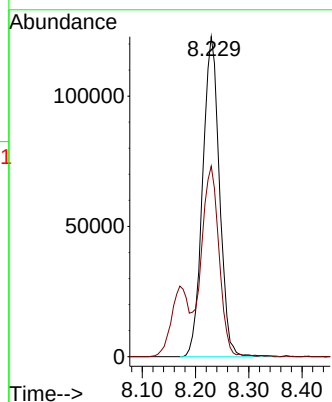
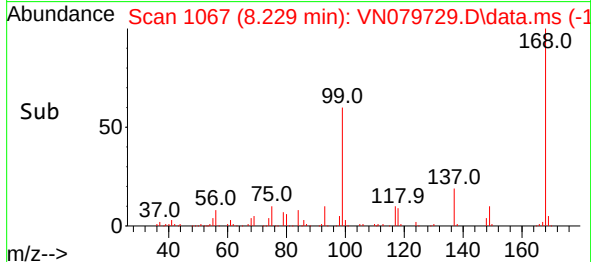
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion:168 Resp: 269360
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6

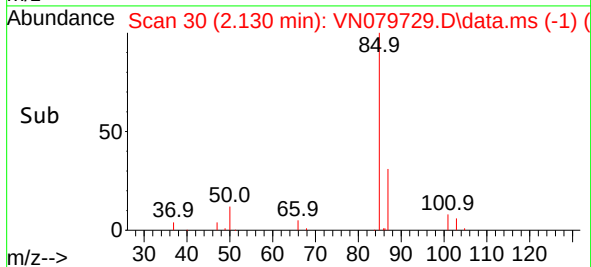
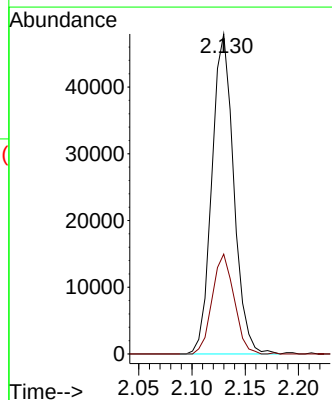
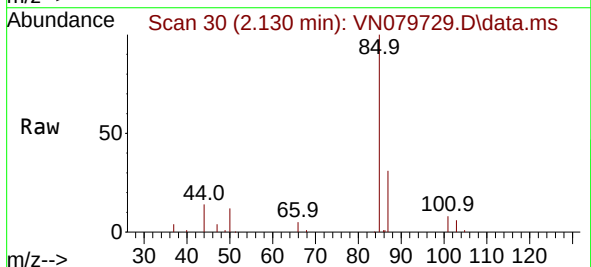
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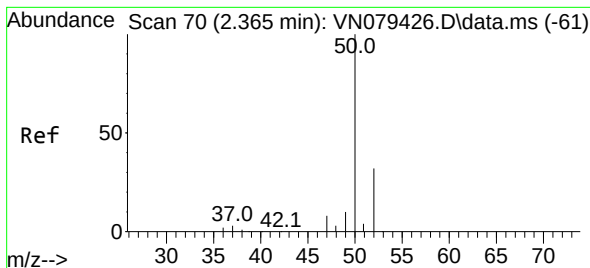
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 19.240 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 85 Resp: 68414
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3

Chloromethane

Concen: 17.969 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 50 Resp: 7740

Ion Ratio Lower Upper

50 100

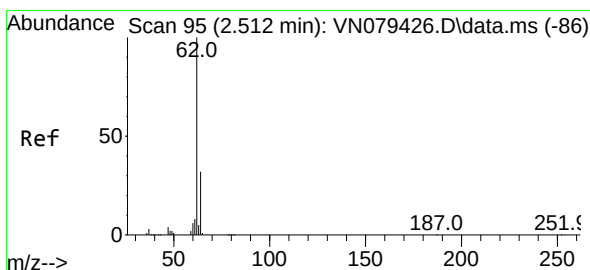
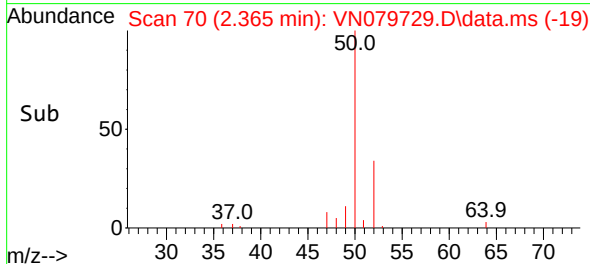
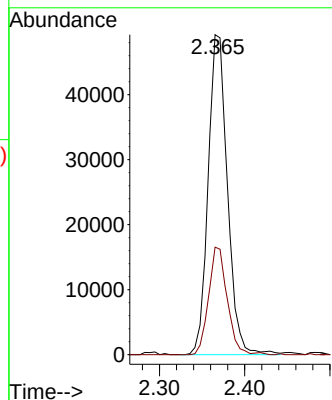
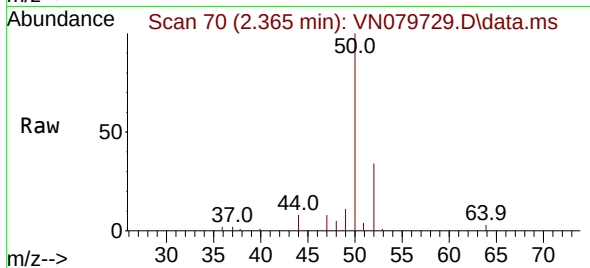
52 33.6 26.5 39.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023



#4

Vinyl Chloride

Concen: 18.041 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079729.D

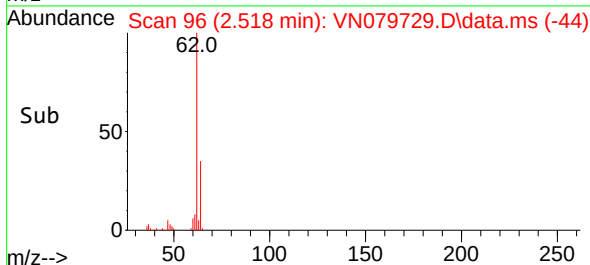
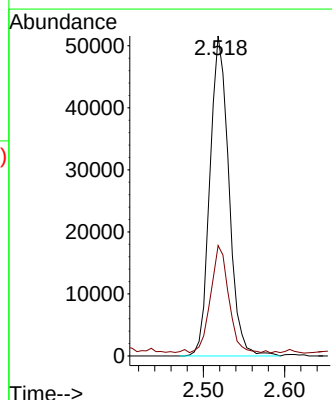
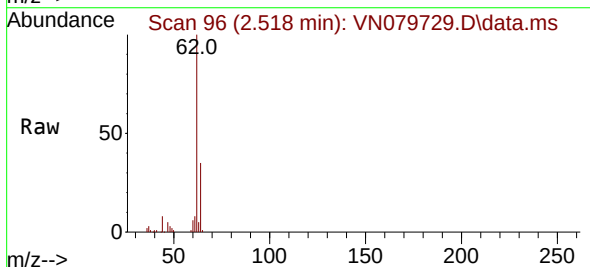
Acq: 30 Oct 2023 17:55

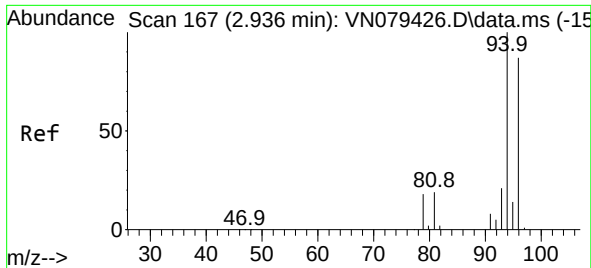
Tgt Ion: 62 Resp: 83696

Ion Ratio Lower Upper

62 100

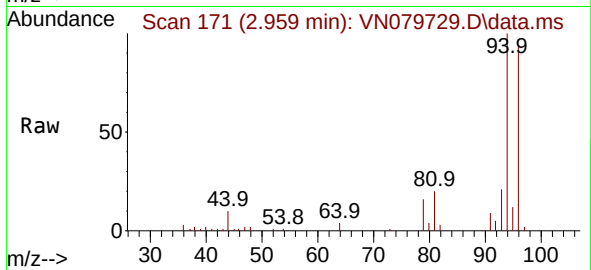
64 33.5 26.2 39.2





#5
Bromomethane
Concen: 16.502 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079729.D
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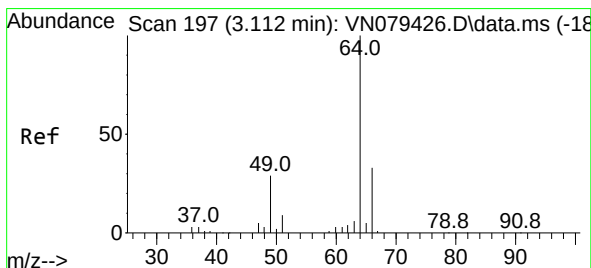
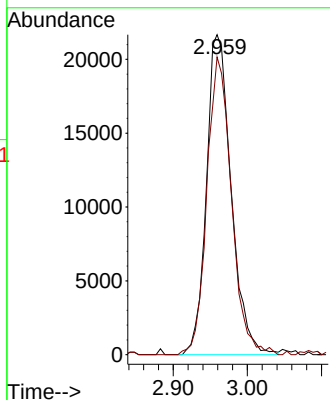
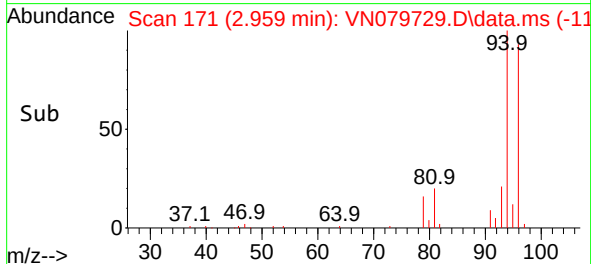
Instrument :
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Tgt Ion: 94 Resp: 5025
Ion Ratio Lower Upper
94 100
96 93.0 73.1 109.7

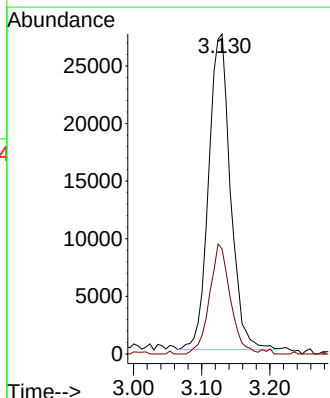
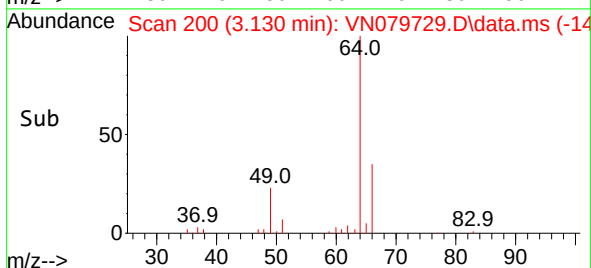
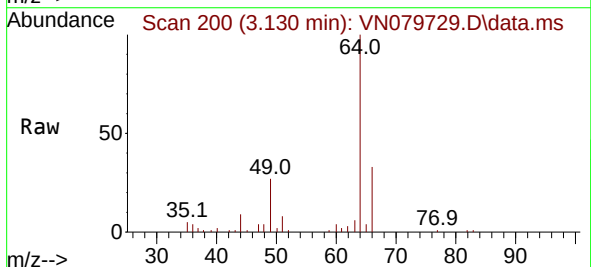
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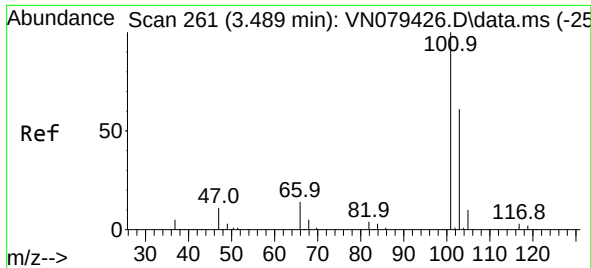
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#6
Chloroethane
Concen: 18.040 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 64 Resp: 61310
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2





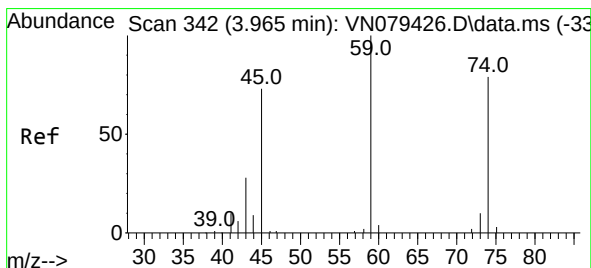
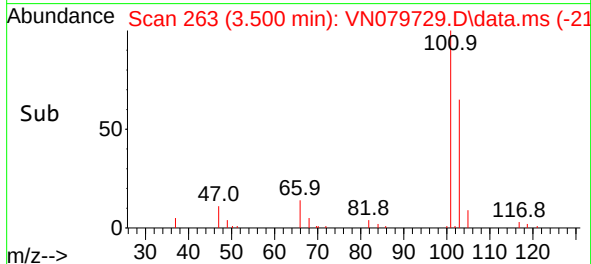
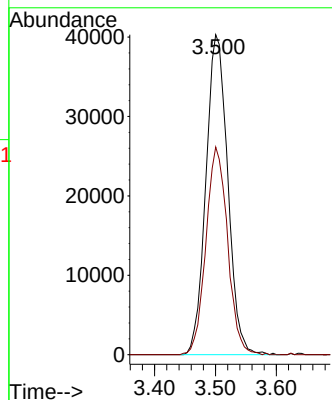
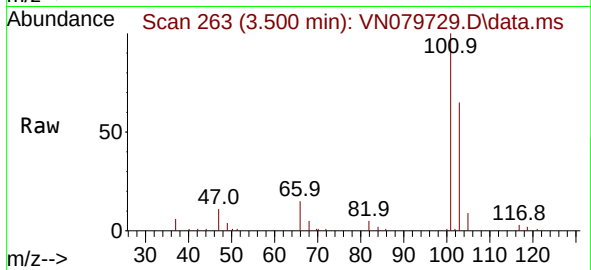
#7
Trichlorofluoromethane
Concen: 18.399 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.011 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
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ClientSampleId :
VN1030WBSD01

Tgt Ion:101 Resp: 10037
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

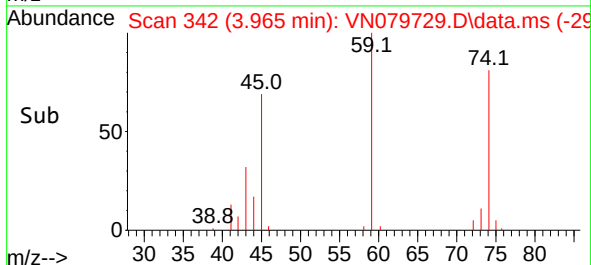
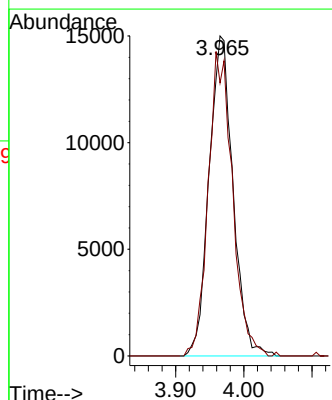
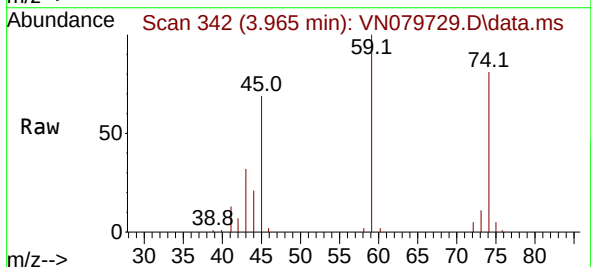
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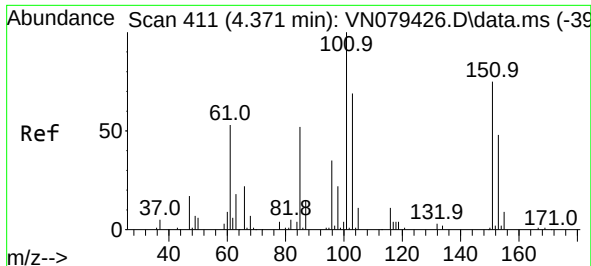
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#8
Diethyl Ether
Concen: 18.567 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Acq: 30 Oct 2023 17:55

Tgt Ion: 74 Resp: 36655
Ion Ratio Lower Upper
74 100
45 96.1 34.4 103.3





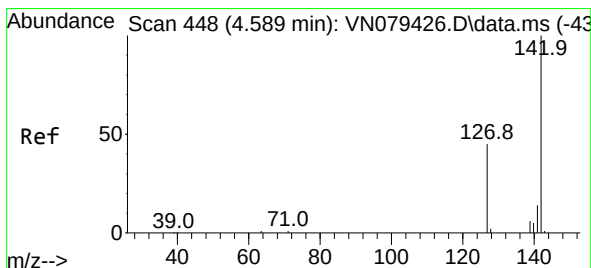
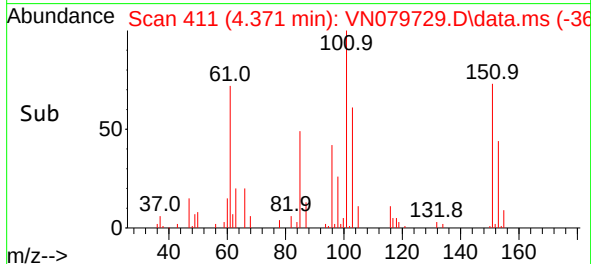
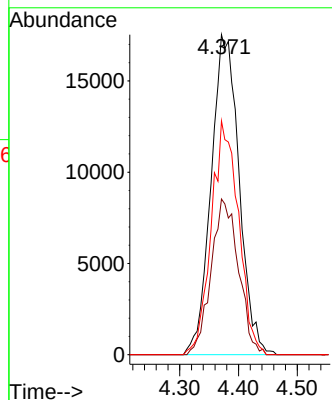
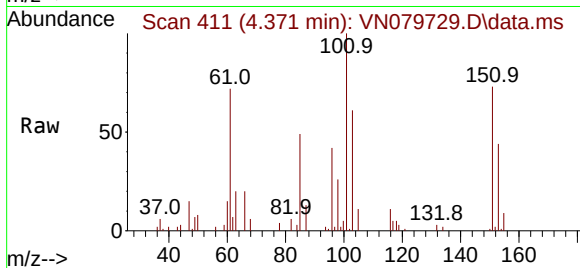
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.357 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:101 Resp: 5800
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 70.8 57.6 86.4

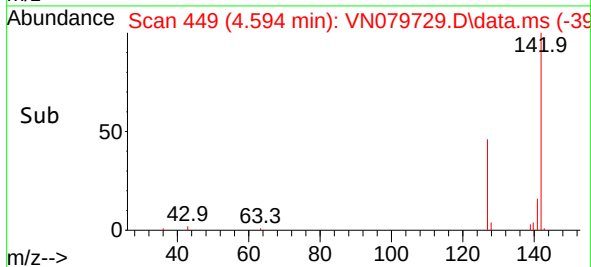
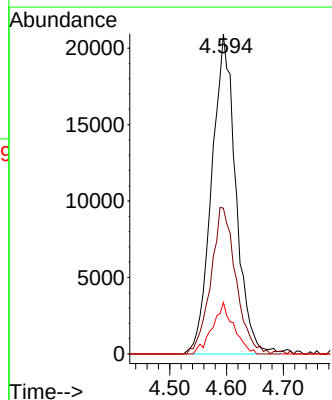
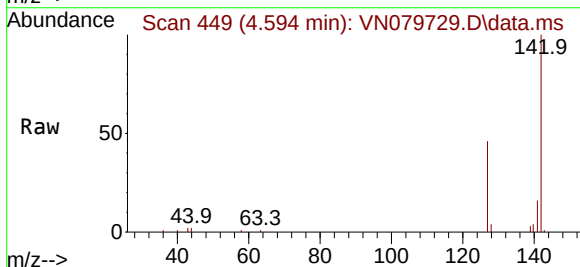
Manual Integrations
APPROVED

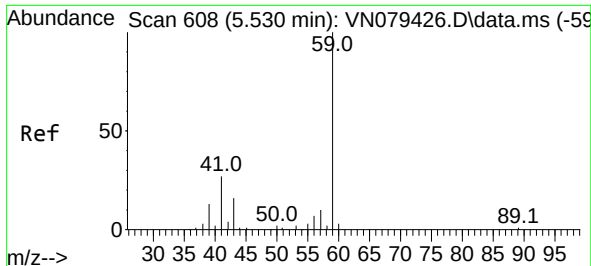
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 19.373 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

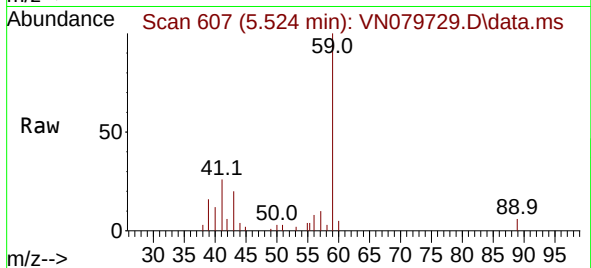
Tgt Ion:142 Resp: 61605
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 16.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 85.111 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

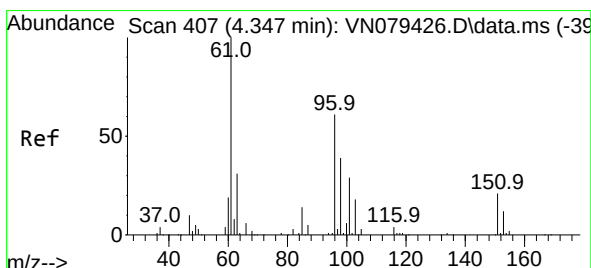
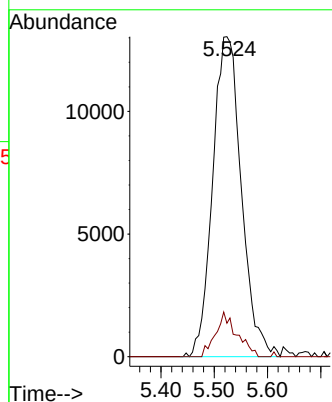
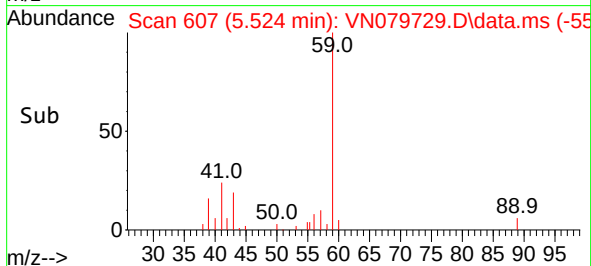
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



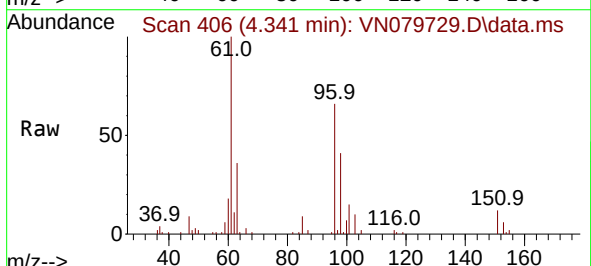
Tgt Ion: 59 Resp: 4883
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
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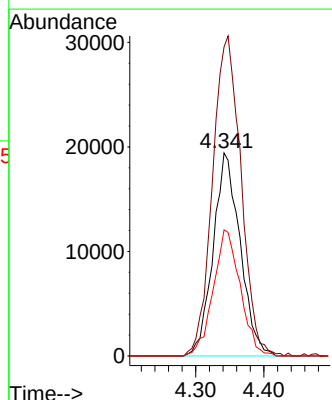
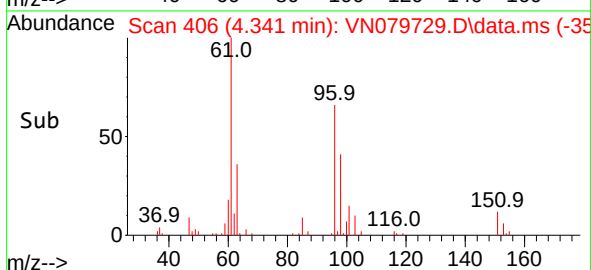
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

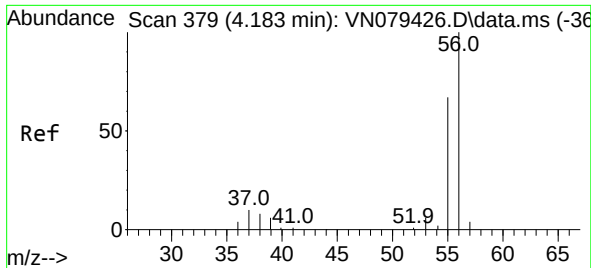


#12
1,1-Dichloroethene
Concen: 18.082 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



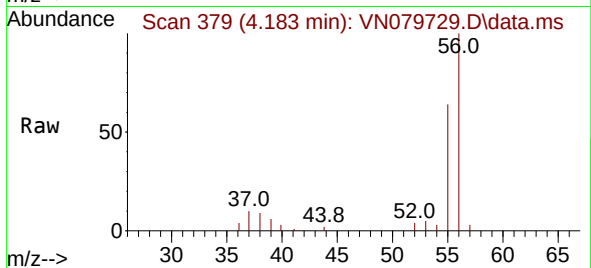
Tgt Ion: 96 Resp: 53513
Ion Ratio Lower Upper
96 100
61 152.1 112.7 169.1
98 62.1 51.2 76.8





#13
Acrolein
Concen: 87.181 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

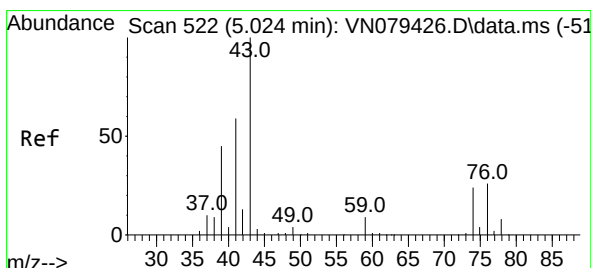
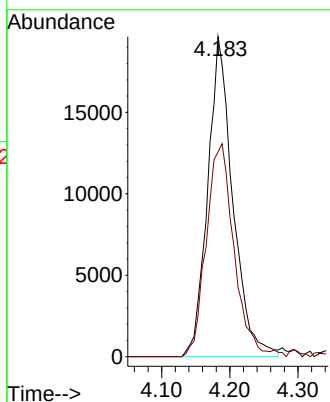
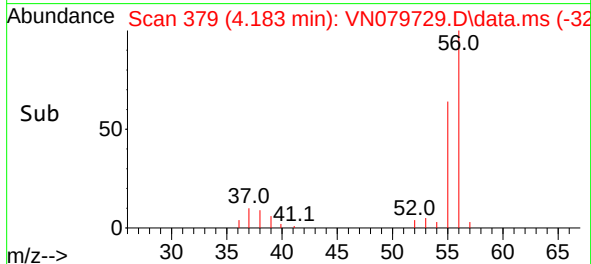
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



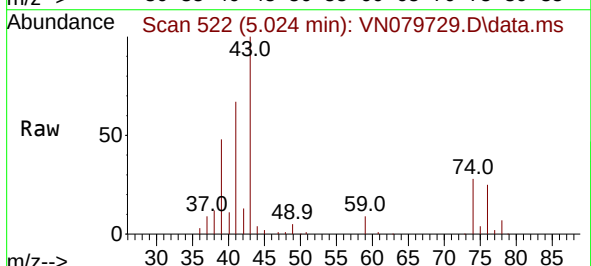
Tgt Ion: 56 Resp: 50310
Ion Ratio Lower Upper
56 100
55 73.6 54.5 81.7

Manual Integrations
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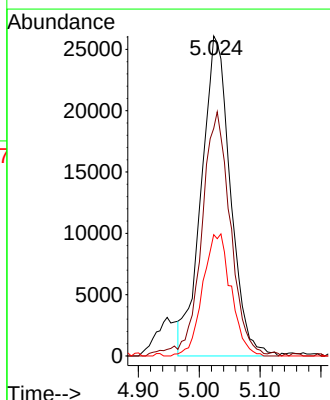
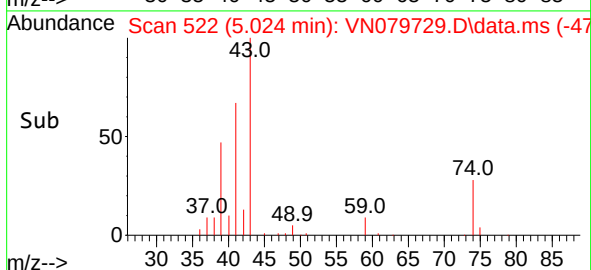
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

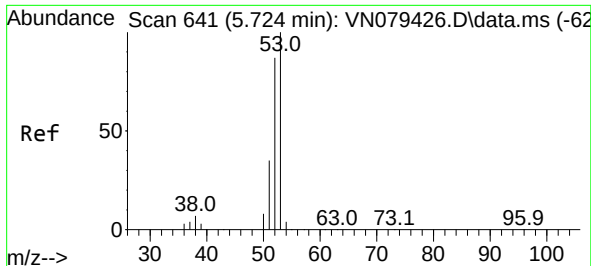


#14
Allyl chloride
Concen: 17.431 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



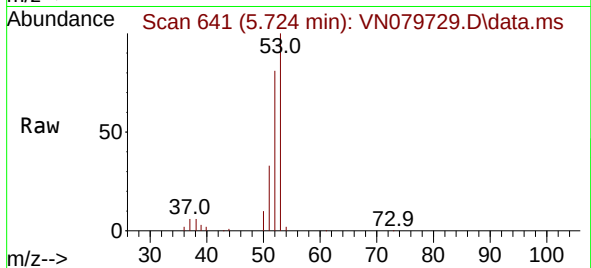
Tgt Ion: 41 Resp: 86513
Ion Ratio Lower Upper
41 100
39 75.6 58.8 88.2
76 37.2 39.1 58.7#





#15
Acrylonitrile
Concen: 92.311 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

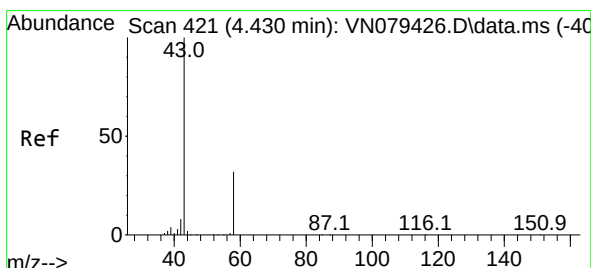
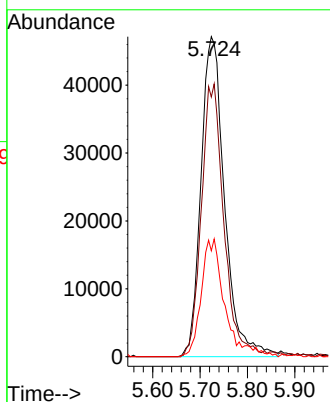
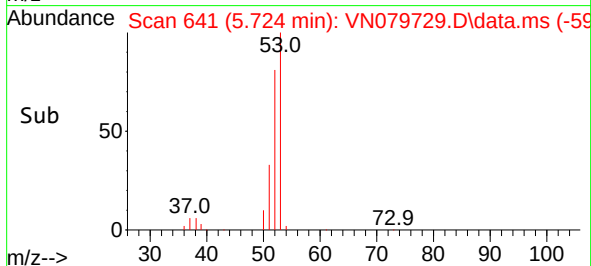
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



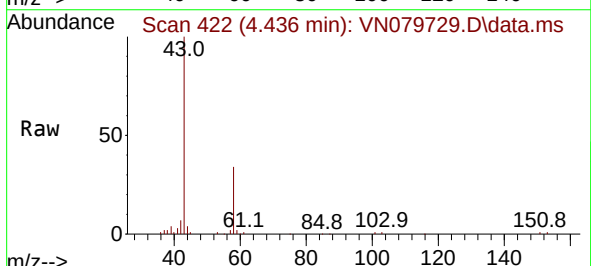
Tgt Ion: 53 Resp: 16297
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
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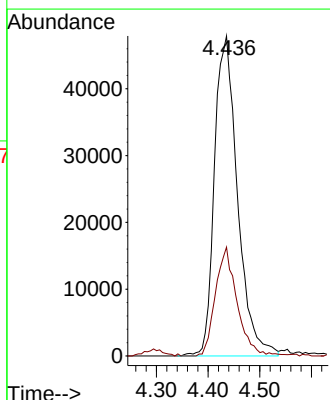
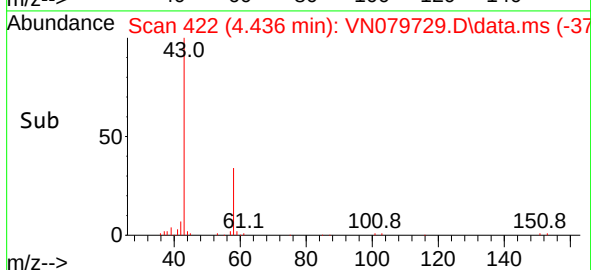
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

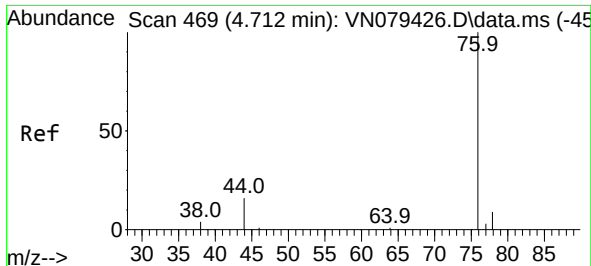


#16
Acetone
Concen: 80.266 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion: 43 Resp: 148544
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





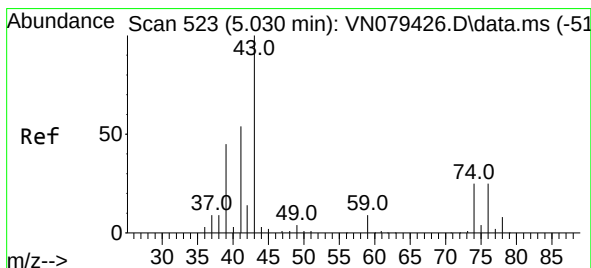
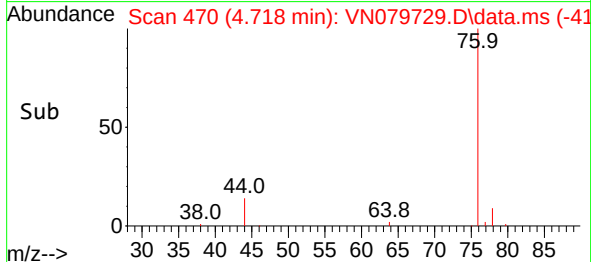
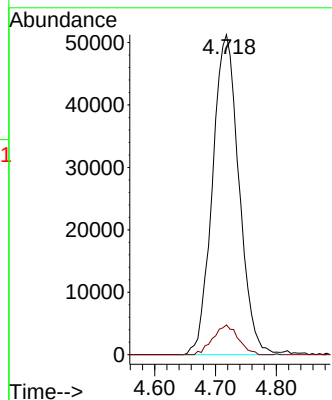
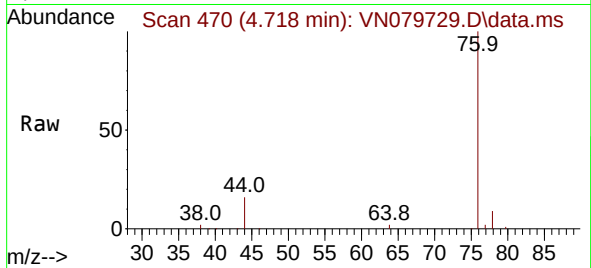
#17
Carbon Disulfide
Concen: 17.149 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 76 Resp: 15498
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

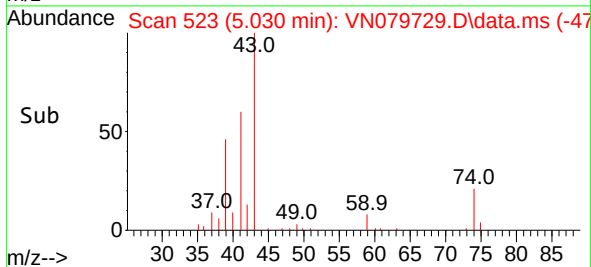
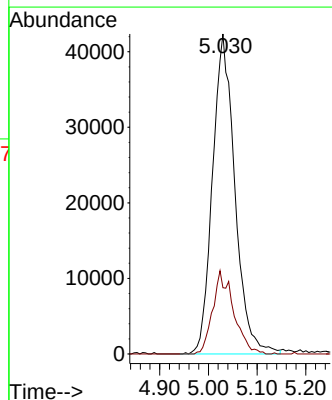
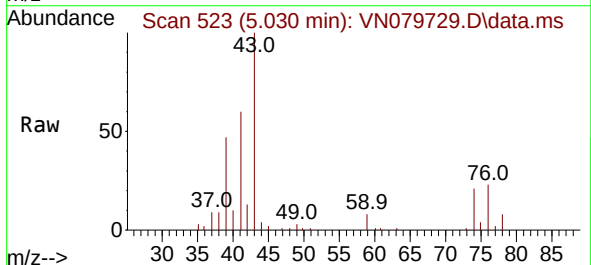
Manual Integrations
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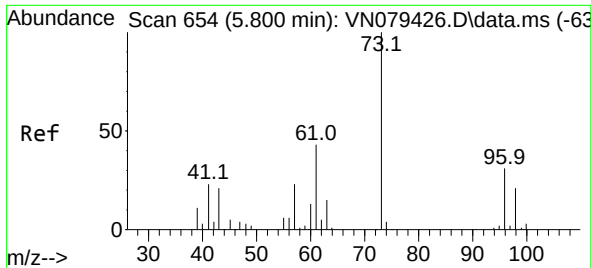
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 18.115 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 43 Resp: 135250
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





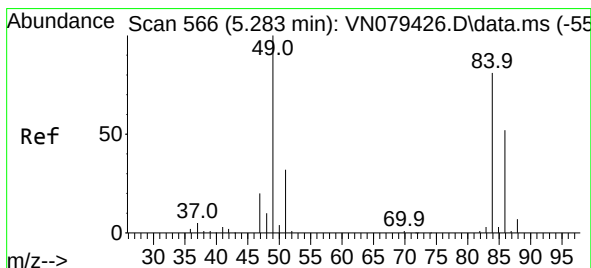
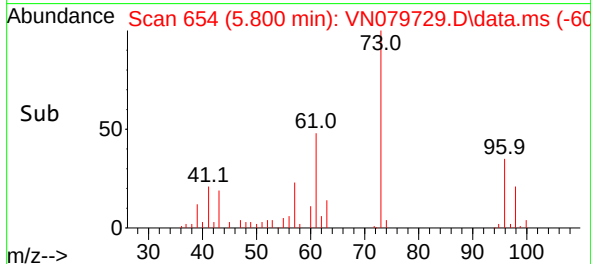
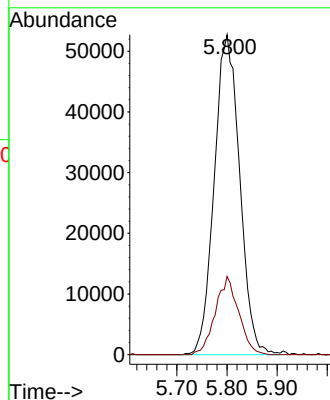
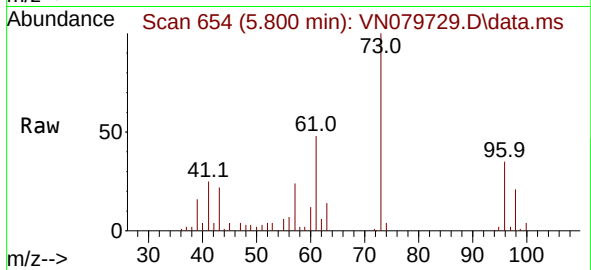
#19
Methyl tert-butyl Ether
Concen: 18.517 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 73 Resp: 185414
Ion Ratio Lower Upper
73 100
57 24.4 15.6 23.4

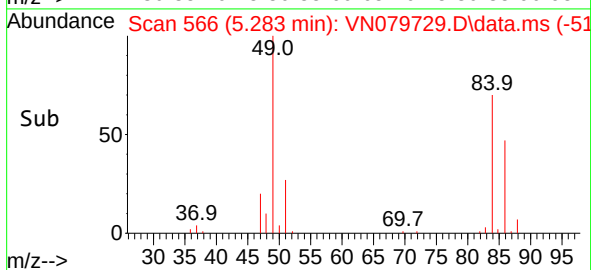
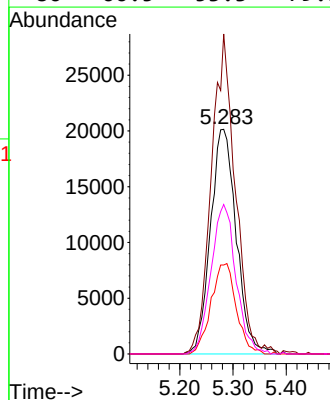
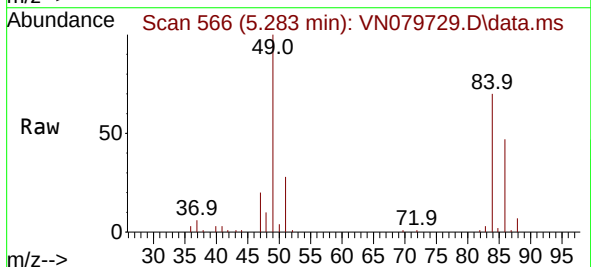
Manual Integrations
APPROVED

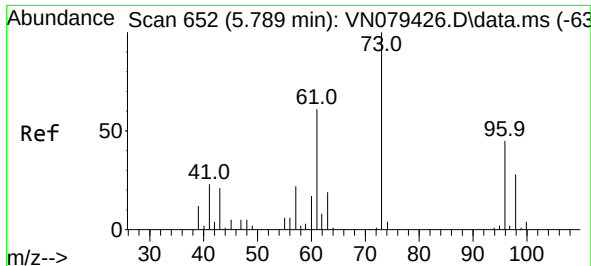
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 18.496 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 84 Resp: 67783
Ion Ratio Lower Upper
84 100
49 142.4 79.7 119.5#
51 39.6 25.2 37.8#
86 66.5 53.3 79.9





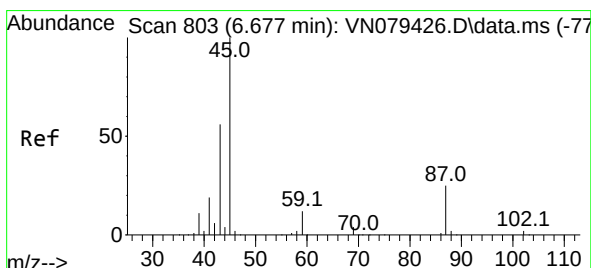
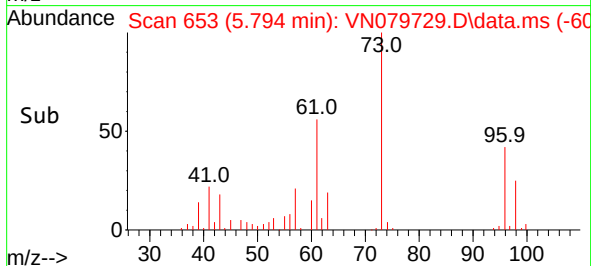
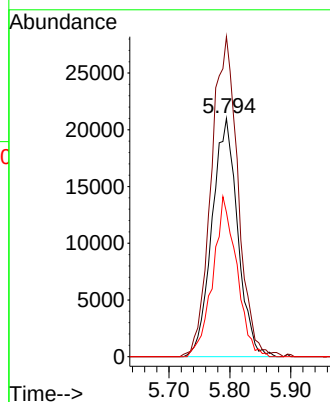
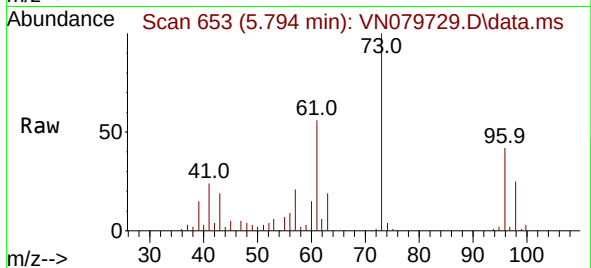
#21
trans-1,2-Dichloroethene
Concen: 18.286 ug/l
RT: 5.794 min Scan# 61429
Delta R.T. 0.005 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 96 Resp: 61429
Ion Ratio Lower Upper
96 100
61 134.3 90.1 135.1
98 60.6 46.4 69.6

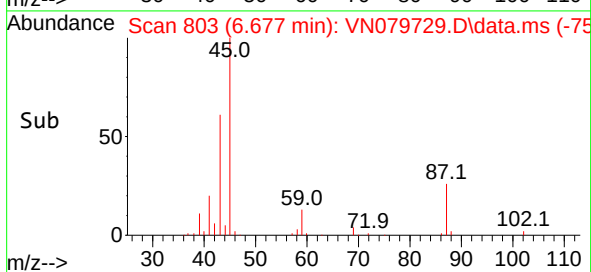
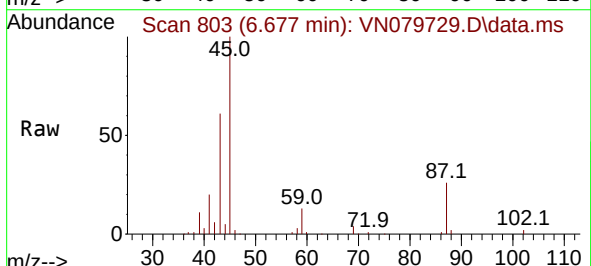
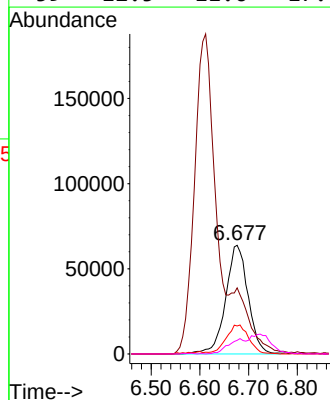
Manual Integrations
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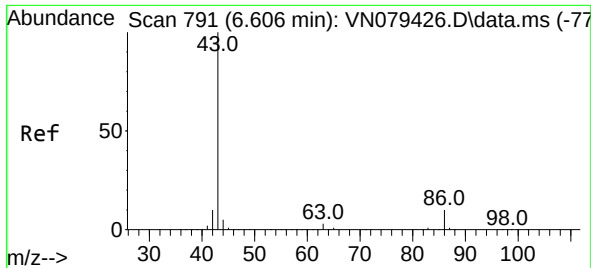
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 18.304 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 45 Resp: 204230
Ion Ratio Lower Upper
45 100
43 58.6 45.5 68.3
87 25.9 31.8 47.8#
59 12.5 11.6 17.4





#23

Vinyl Acetate

Concen: 90.164 ug/l

RT: 6.612 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 43 Resp: 553884

Ion Ratio Lower Upper

43 100

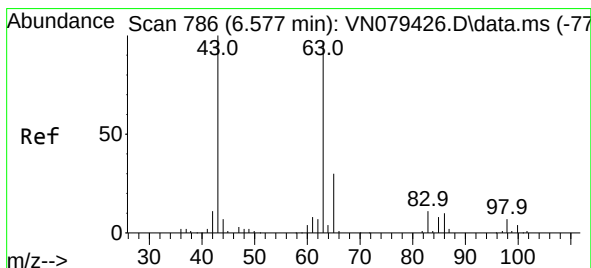
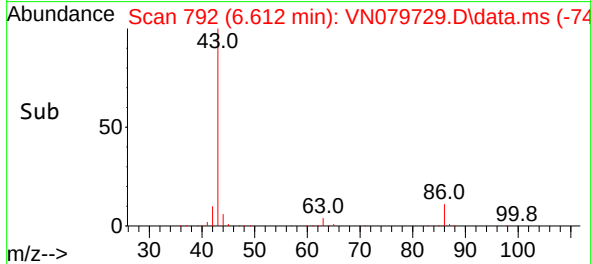
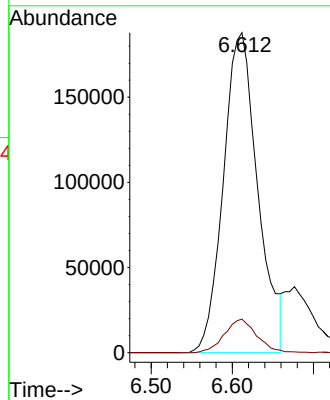
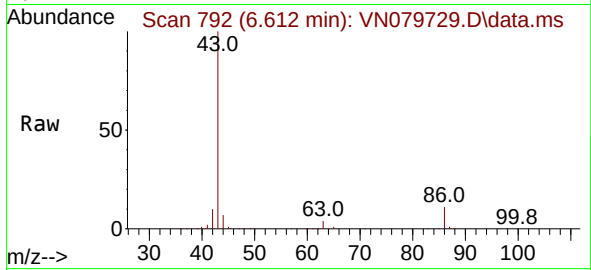
86 10.4 13.0 19.6

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#24

1,1-Dichloroethane

Concen: 18.197 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

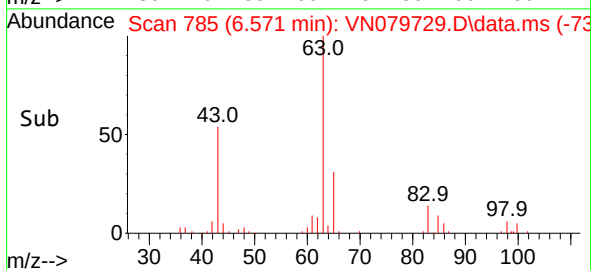
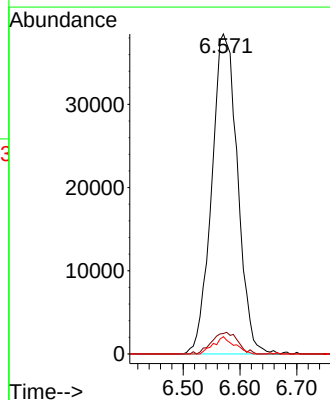
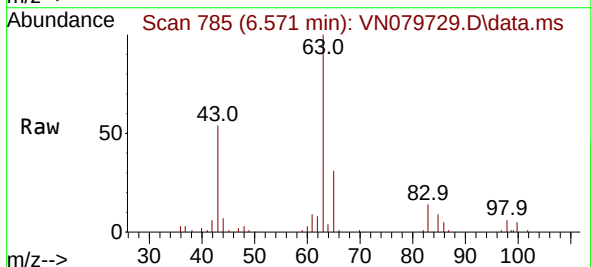
Tgt Ion: 63 Resp: 121665

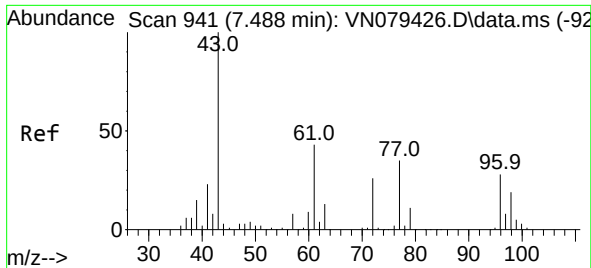
Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 5.4 2.5 7.4





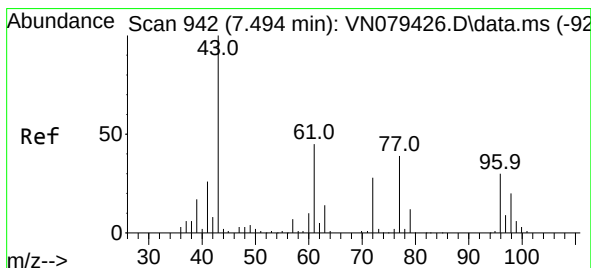
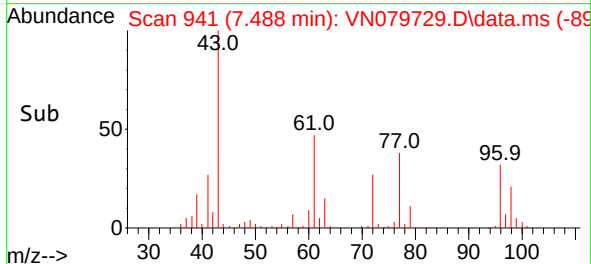
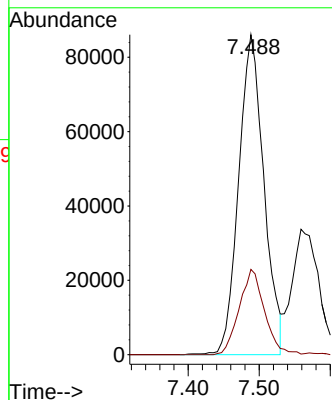
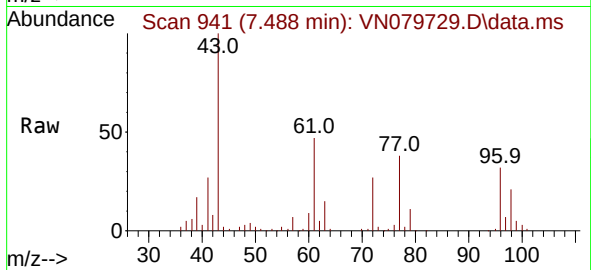
#25
2-Butanone
Concen: 83.803 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 43 Resp: 21303
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

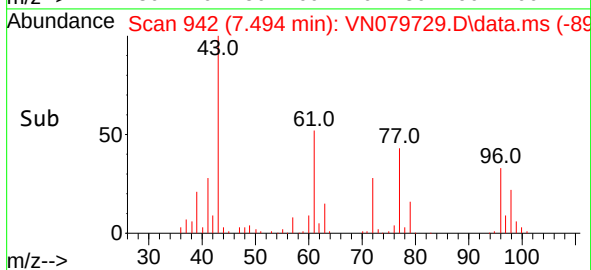
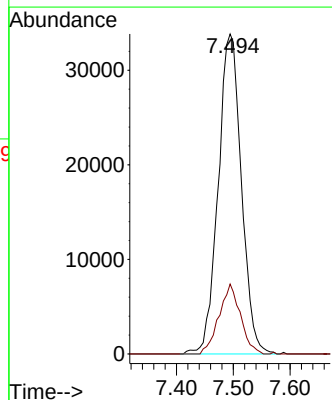
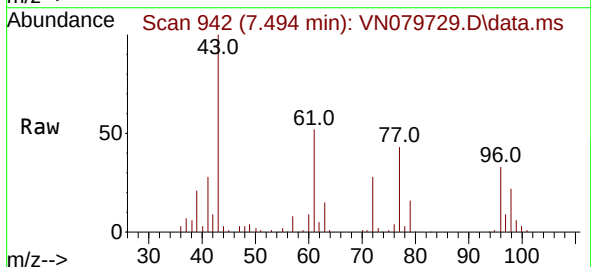
Manual Integrations
APPROVED

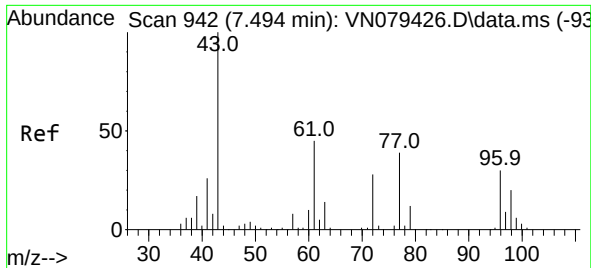
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 17.751 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

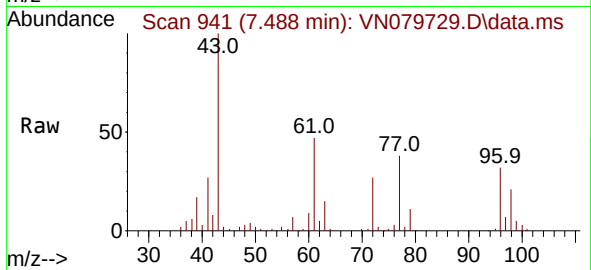
Tgt Ion: 77 Resp: 96034
Ion Ratio Lower Upper
77 100
97 20.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.047 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079729.D
 Acq: 30 Oct 2023 17:55

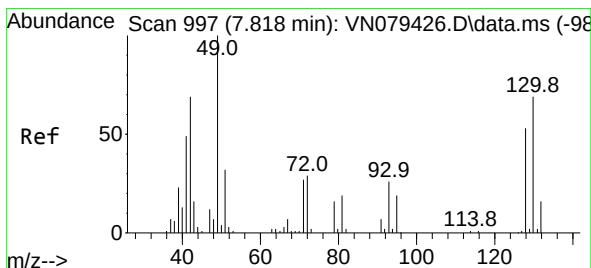
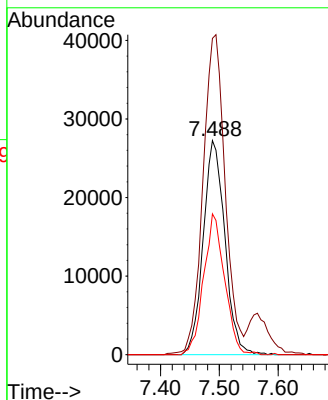
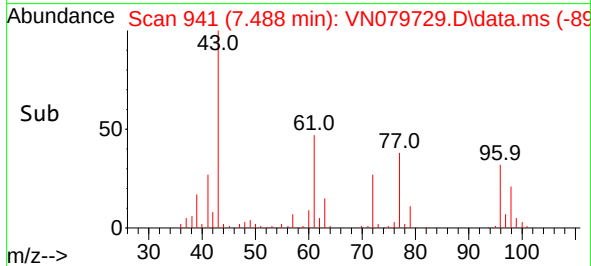
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01



Tgt Ion: 96 Resp: 69799
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 255.2
 98 63.7 0.0 128.8

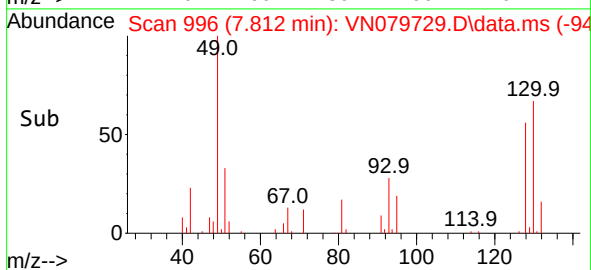
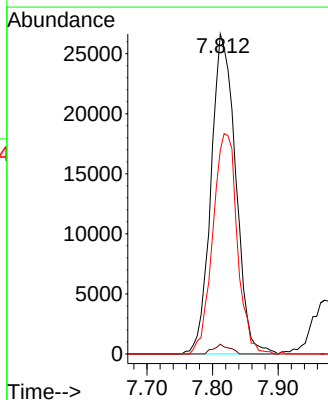
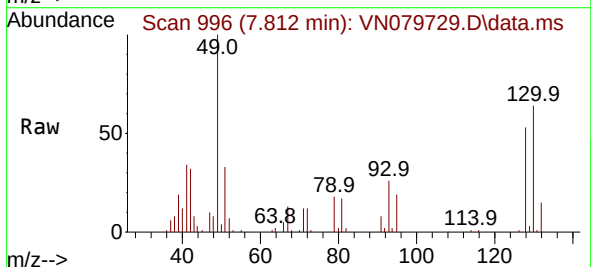
Manual Integrations
 APPROVED

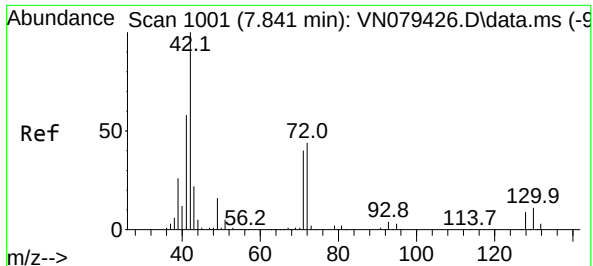
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 21.251 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079729.D
 Acq: 30 Oct 2023 17:55

Tgt Ion: 49 Resp: 69497
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 88.677 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

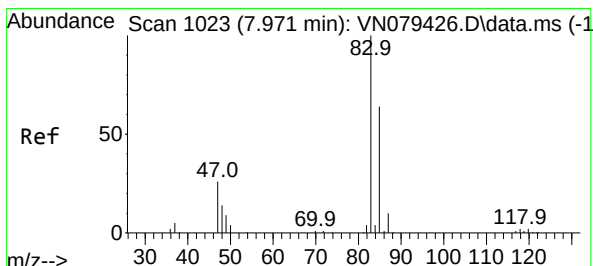
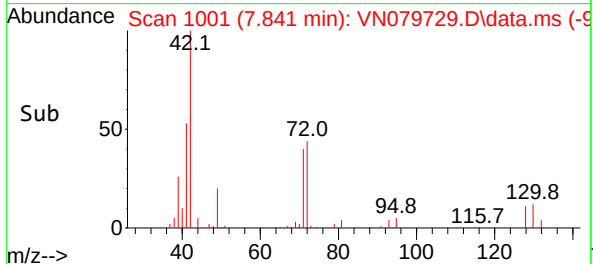
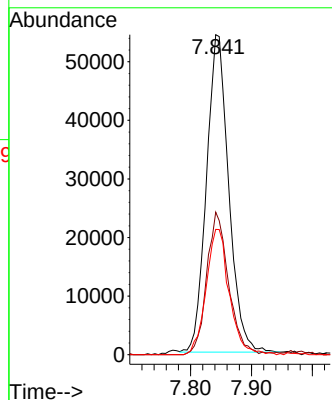
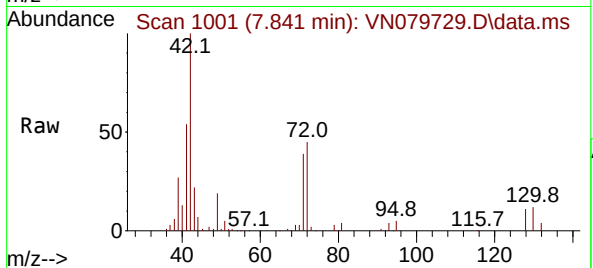
Tgt Ion: 42 Resp: 137715
 Ion Ratio Lower Upper
 42 100
 72 44.2 49.8 74.6
 71 40.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 18.488 ug/l

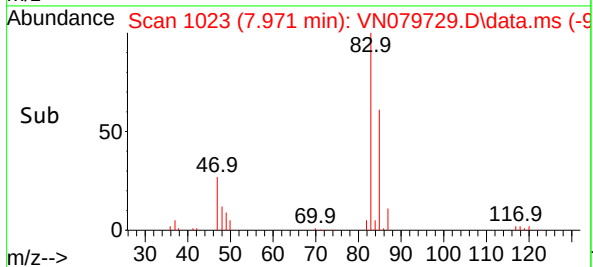
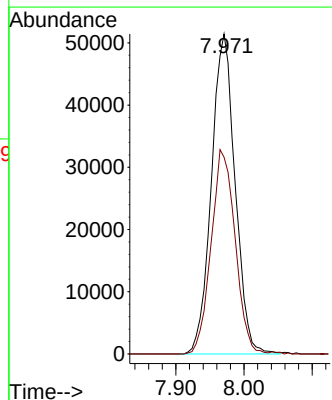
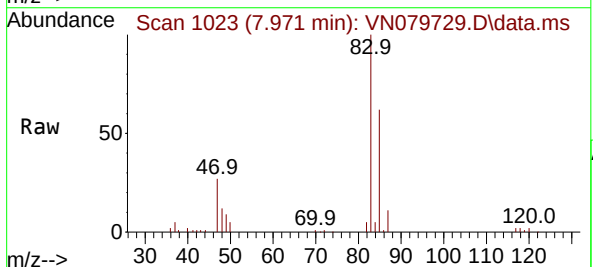
RT: 7.971 min Scan# 1023

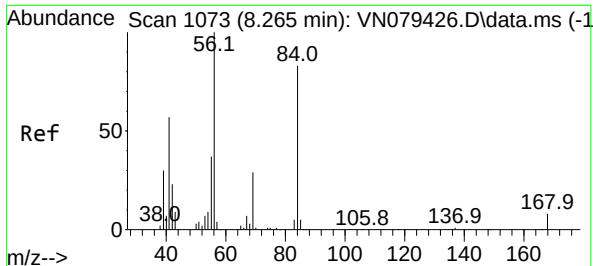
Delta R.T. -0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

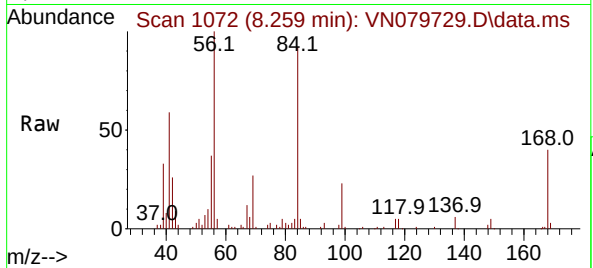
Tgt Ion: 83 Resp: 124475
 Ion Ratio Lower Upper
 83 100
 85 61.5 55.4 83.0





#31
Cyclohexane
Concen: 17.309 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

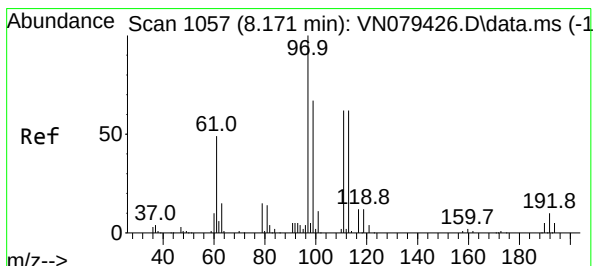
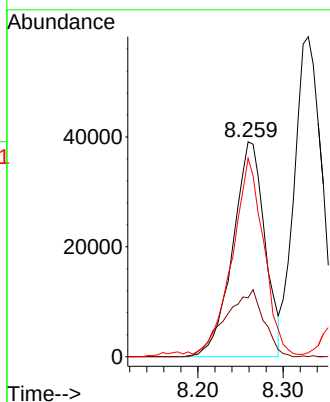
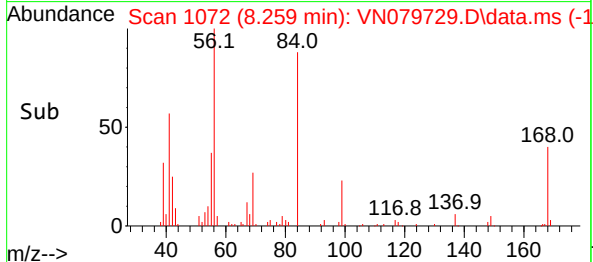
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



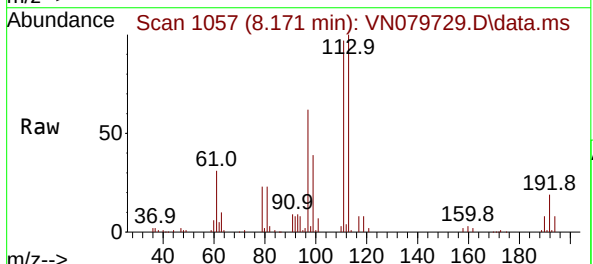
Tgt Ion: 56 Resp: 102148
Ion Ratio Lower Upper
56 100
69 27.4 26.8 40.2
84 90.0 81.8 122.6

Manual Integrations
APPROVED

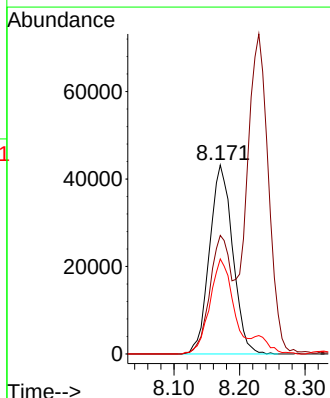
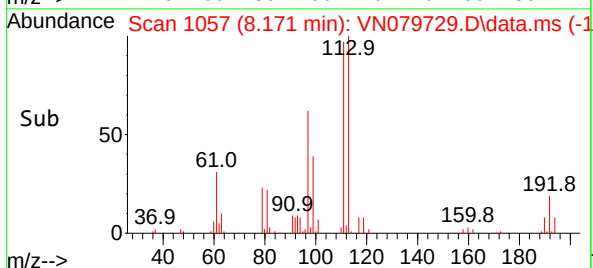
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

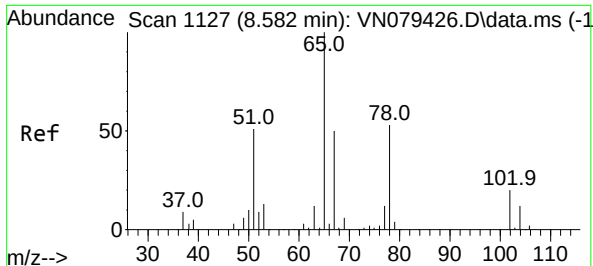


#32
1,1,1-Trichloroethane
Concen: 18.176 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



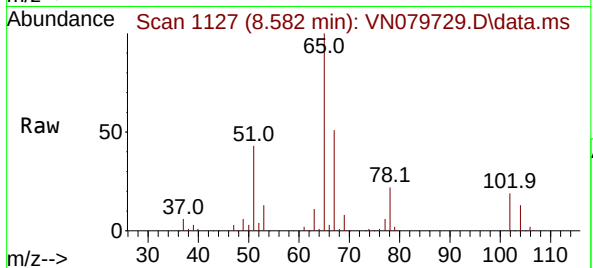
Tgt Ion: 97 Resp: 106084
Ion Ratio Lower Upper
97 100
99 54.8 50.3 75.5
61 51.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.406 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

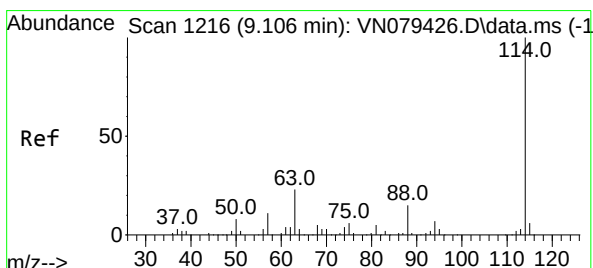
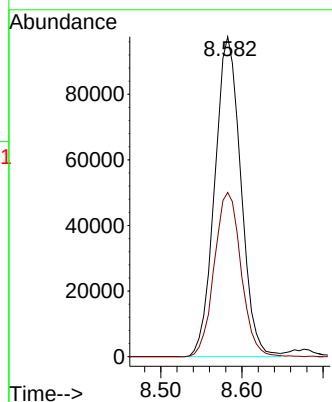
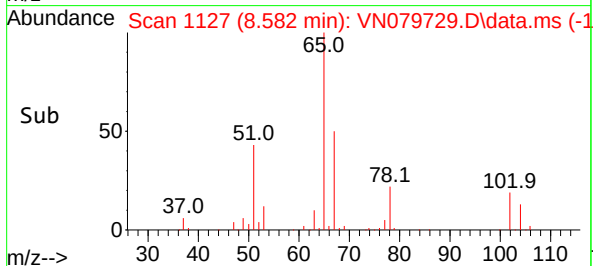
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



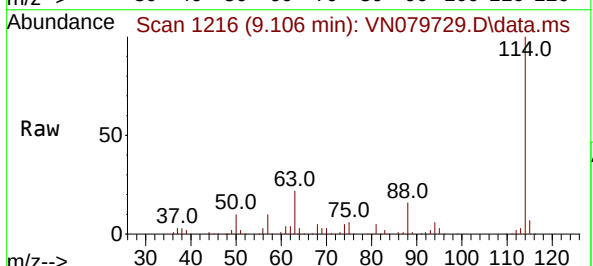
Tgt Ion: 65 Resp: 218036
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

Manual Integrations
APPROVED

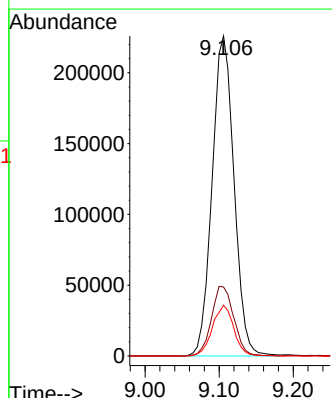
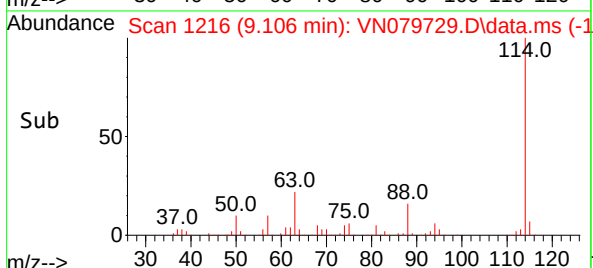
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

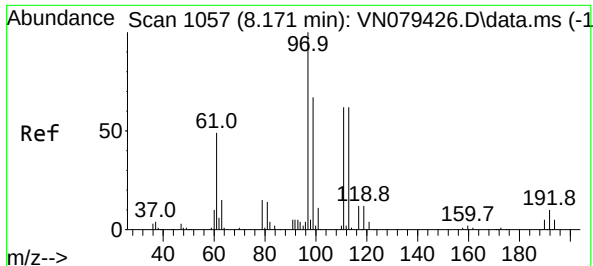


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion:114 Resp: 463752
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.328 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 113 Resp: 166770

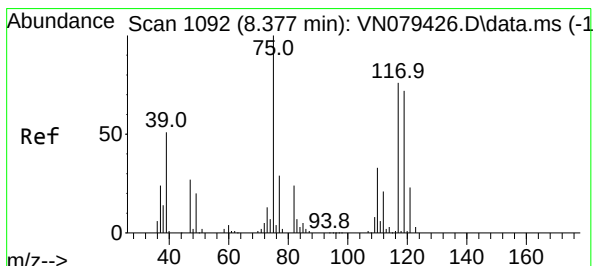
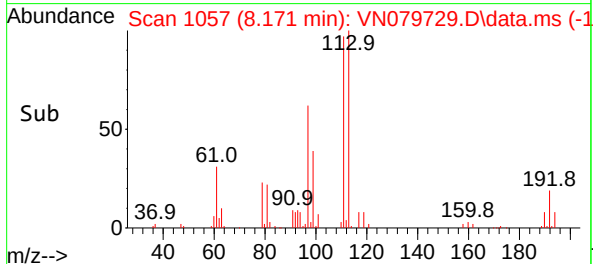
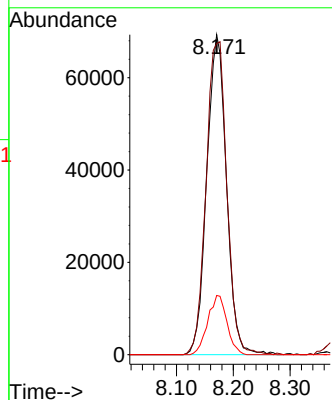
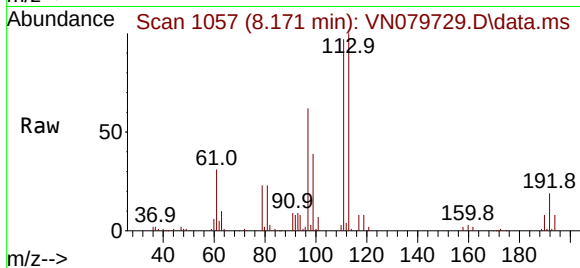
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/31/2023

Supervised By : Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 18.396 ug/l

RT: 8.376 min Scan# 1092

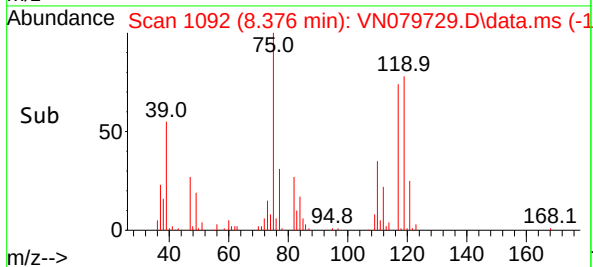
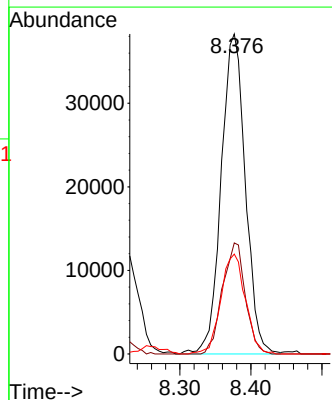
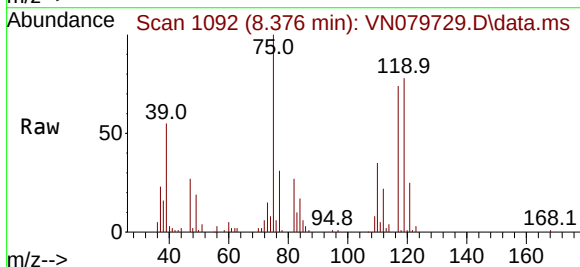
Delta R.T. -0.001 min

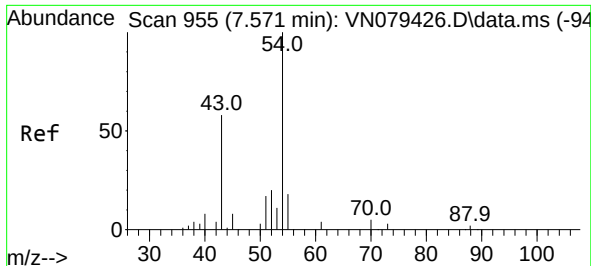
Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Tgt Ion: 75 Resp: 90437

Ion	Ratio	Lower	Upper
75	100		
110	32.9	19.1	57.3
77	31.8	25.0	37.4





#37

Ethyl Acetate

Concen: 18.320 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 43 Resp: 89270

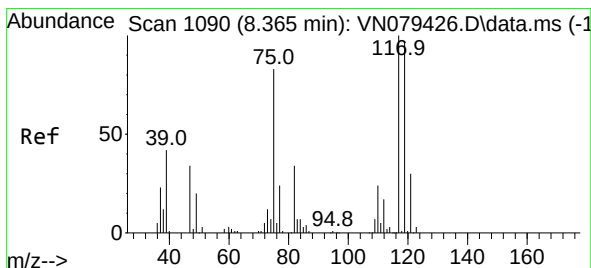
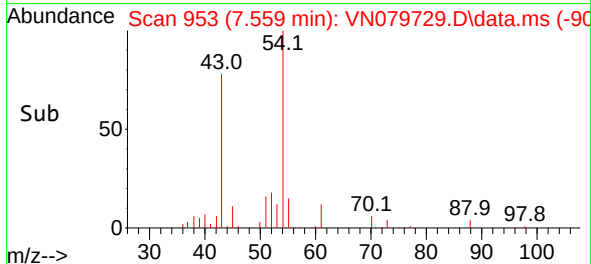
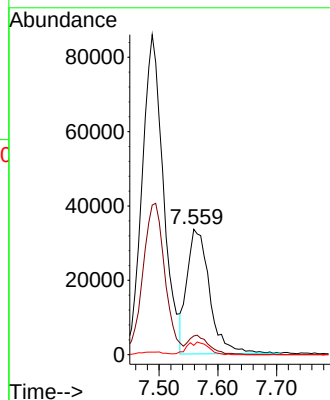
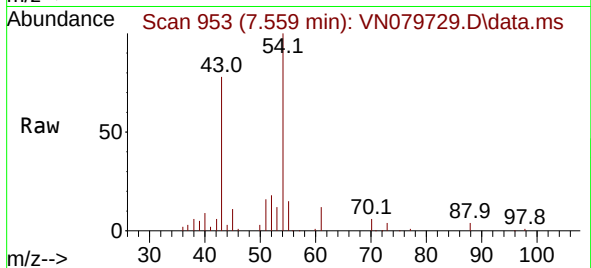
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	9.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 18.702 ug/l

RT: 8.365 min Scan# 1090

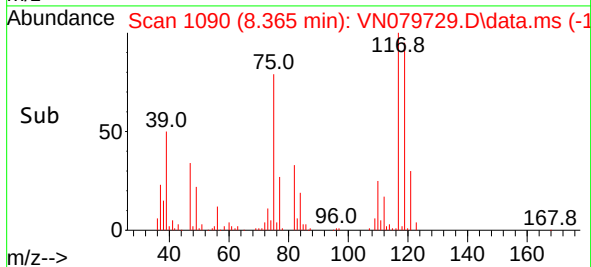
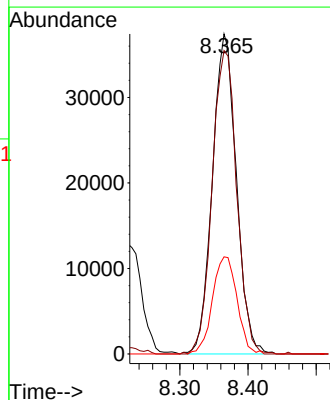
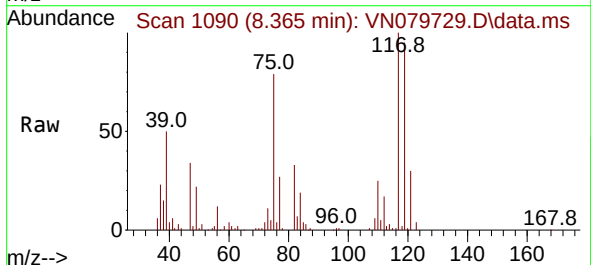
Delta R.T. -0.000 min

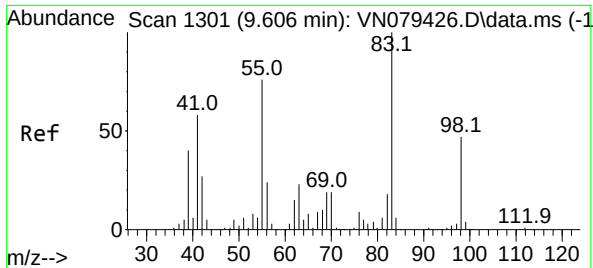
Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Tgt Ion:117 Resp: 91684

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.3	115.9
121	30.4	23.3	34.9





#39

Methylcyclohexane

Concen: 17.577 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 83 Resp: 85948

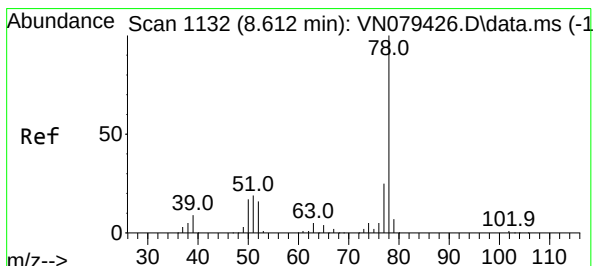
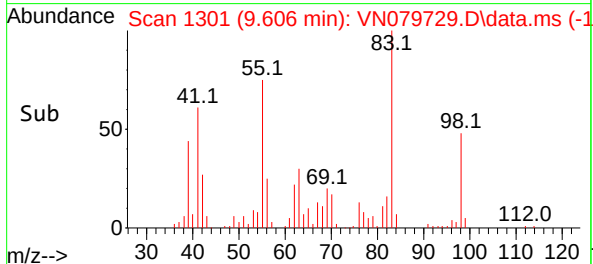
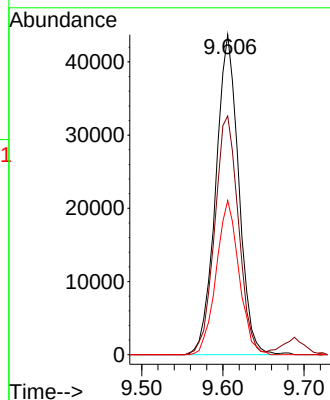
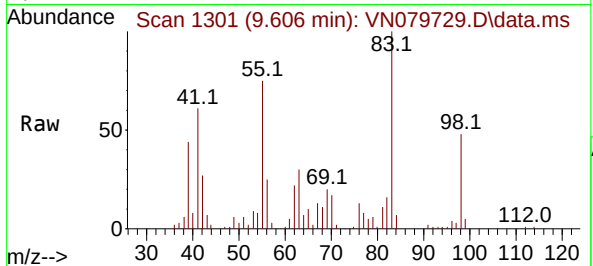
Ion	Ratio	Lower	Upper
83	100		
55	74.6	49.1	73.7
98	48.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 18.891 ug/l

RT: 8.612 min Scan# 1132

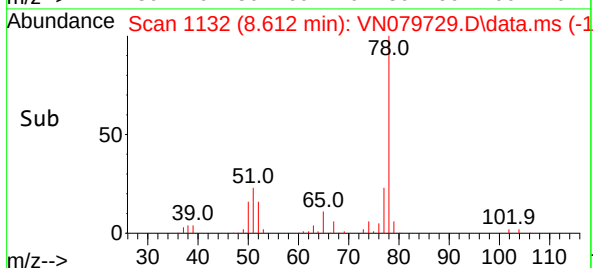
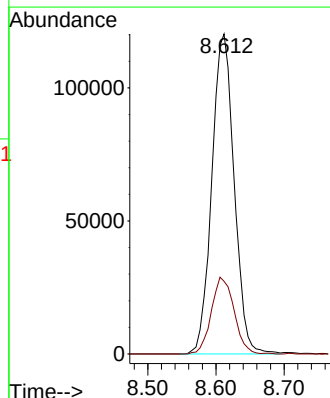
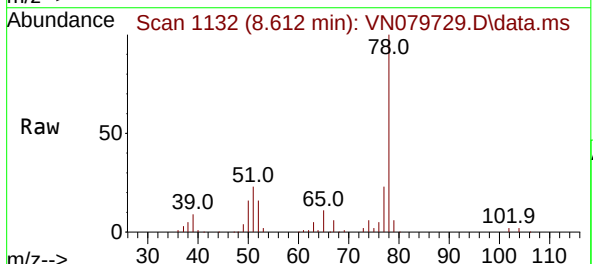
Delta R.T. -0.000 min

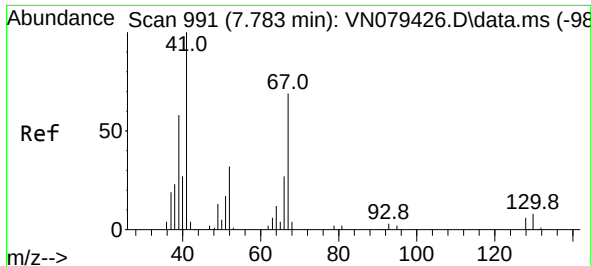
Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Tgt Ion: 78 Resp: 274098

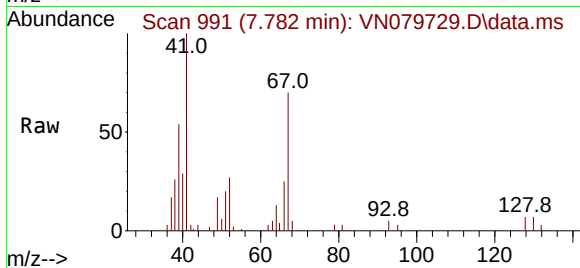
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





#41
Methacrylonitrile
Concen: 18.931 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

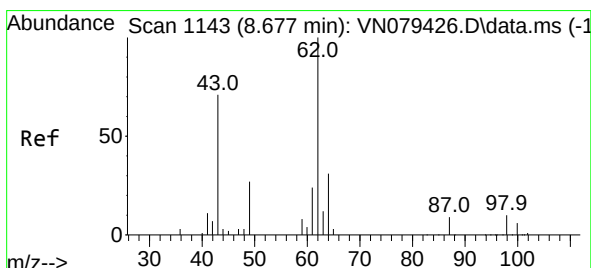
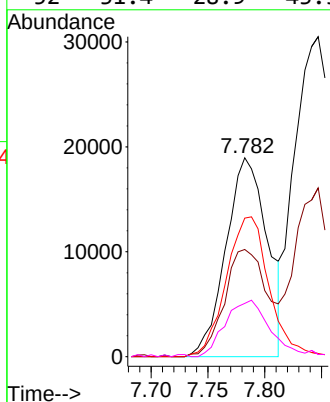
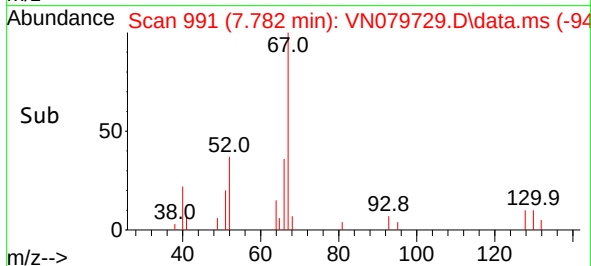
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion: 41 Resp: 4811
Ion Ratio Lower Upper
41 100
39 55.7 42.6 64.0
67 72.6 77.5 116.3
52 31.4 28.9 43.3

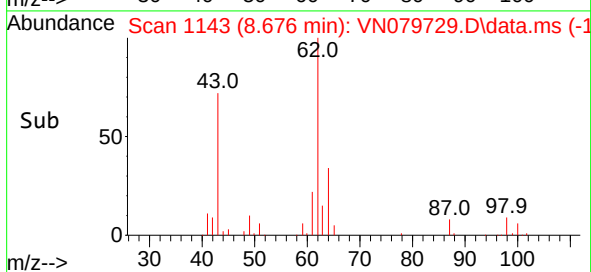
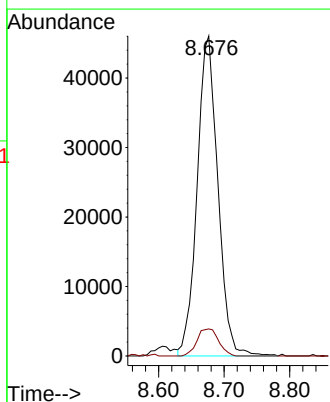
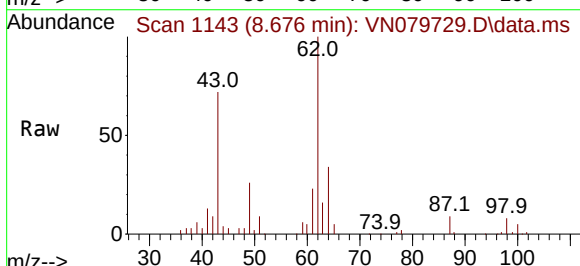
Manual Integrations
APPROVED

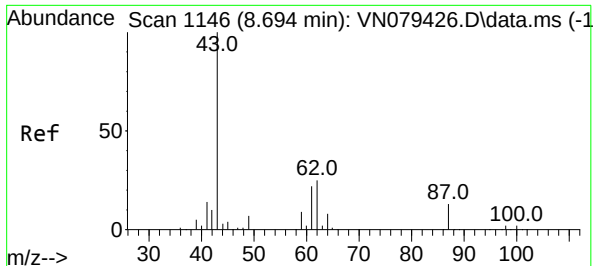
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 19.257 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 62 Resp: 101479
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.805 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 43 Resp: 138704

Ion Ratio Lower Upper

43 100

61 27.4 24.7 37.1

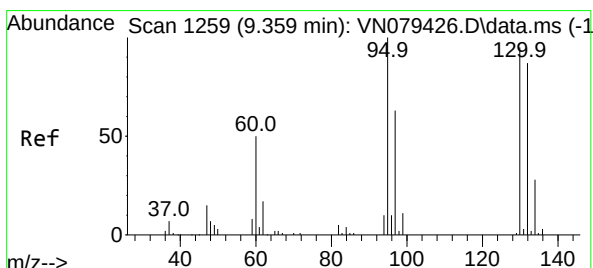
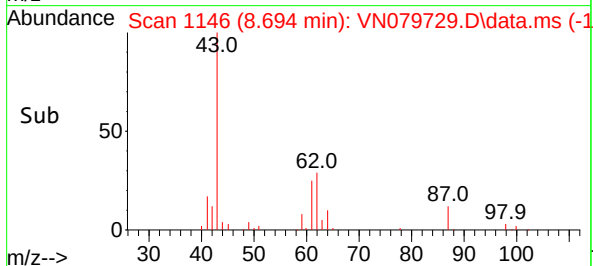
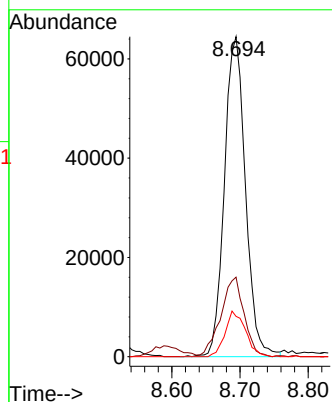
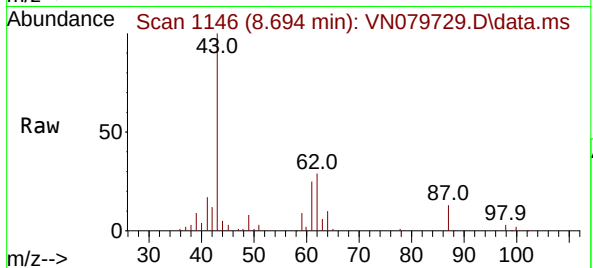
87 13.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 18.786 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN079729.D

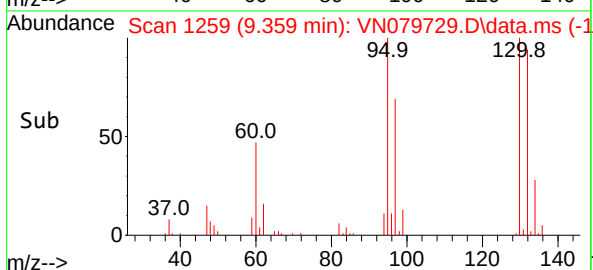
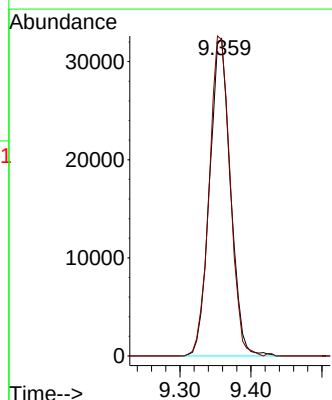
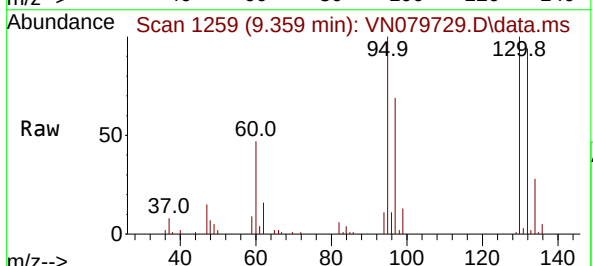
Acq: 30 Oct 2023 17:55

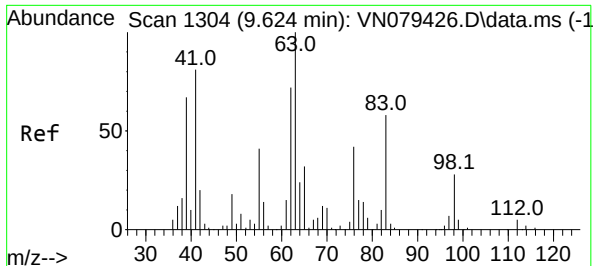
Tgt Ion:130 Resp: 66027

Ion Ratio Lower Upper

130 100

95 99.7 0.0 204.6





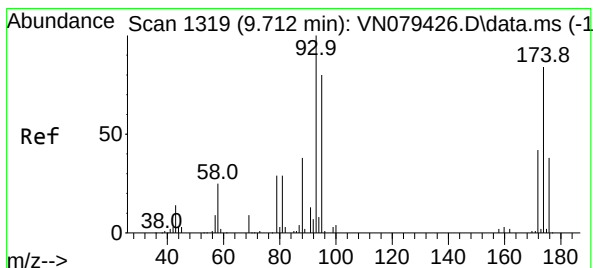
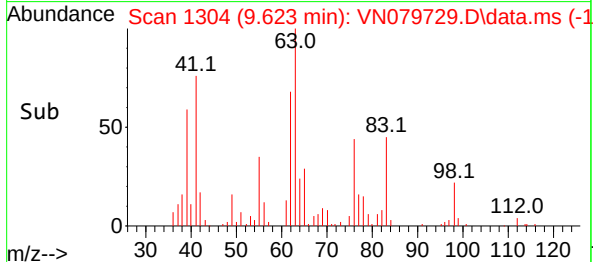
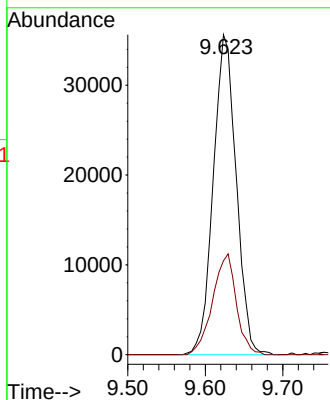
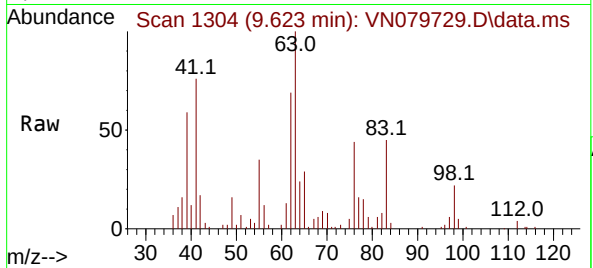
#45
1,2-Dichloropropane
Concen: 19.022 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 63 Resp: 7330
Ion Ratio Lower Upper
63 100
65 29.3 23.9 35.9

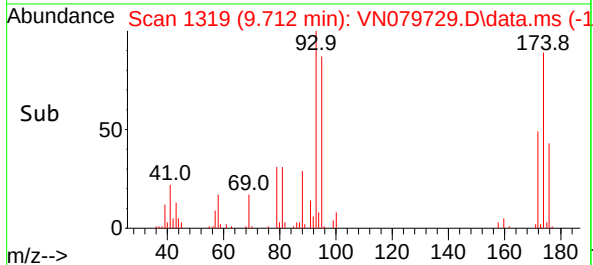
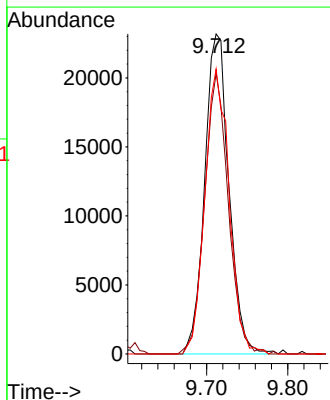
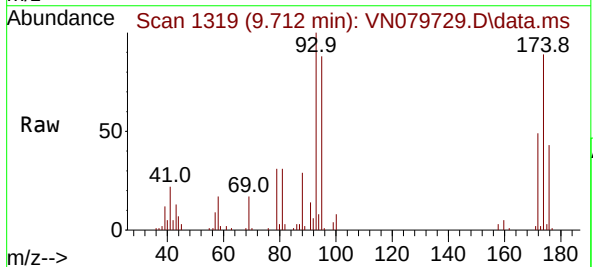
Manual Integrations
APPROVED

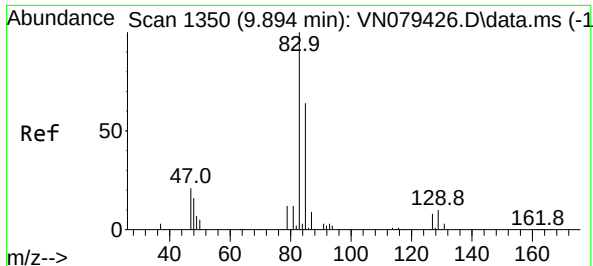
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#46
Dibromomethane
Concen: 18.518 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 93 Resp: 48129
Ion Ratio Lower Upper
93 100
95 86.1 63.8 95.8
174 89.3 65.6 98.4





#47

Bromodichloromethane

Concen: 18.793 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

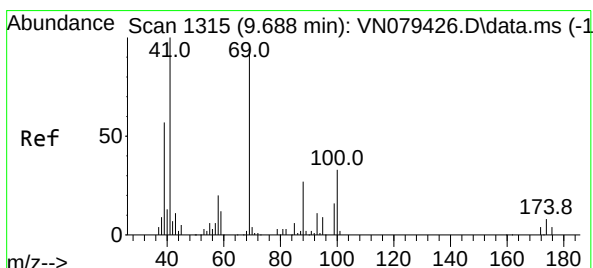
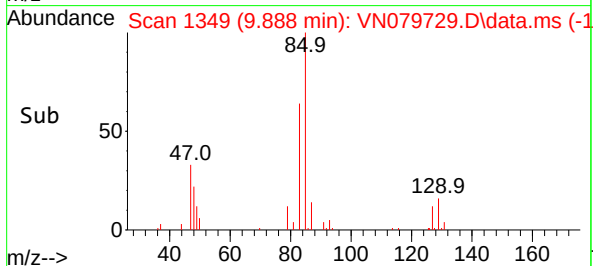
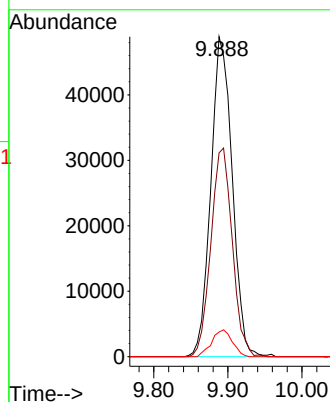
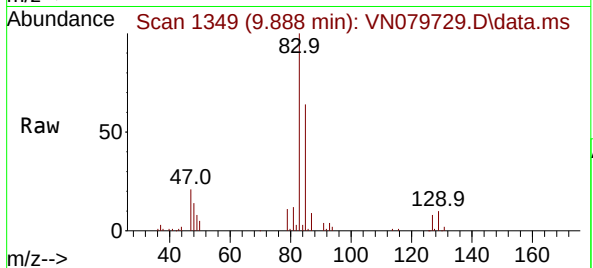
Tgt Ion:	83	Resp:	9798
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.6	74.4
127	7.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#48

Methyl methacrylate

Concen: 18.031 ug/l

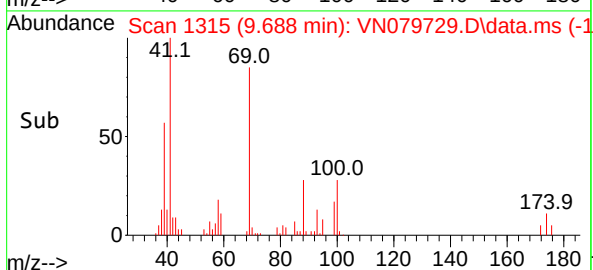
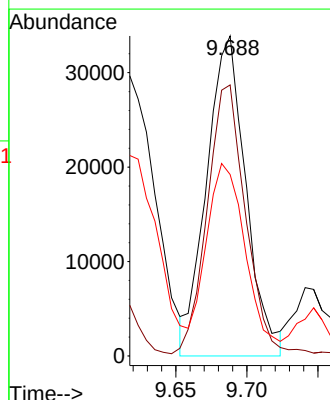
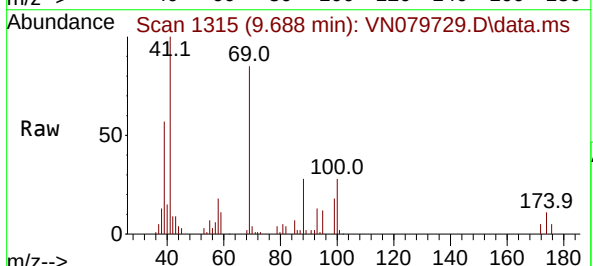
RT: 9.688 min Scan# 1315

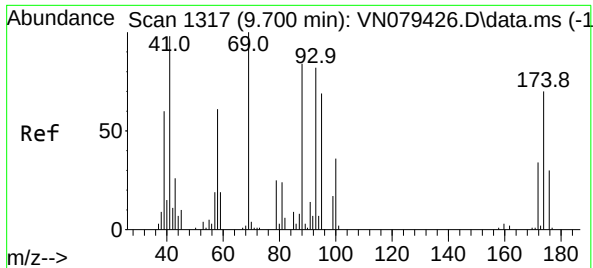
Delta R.T. 0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

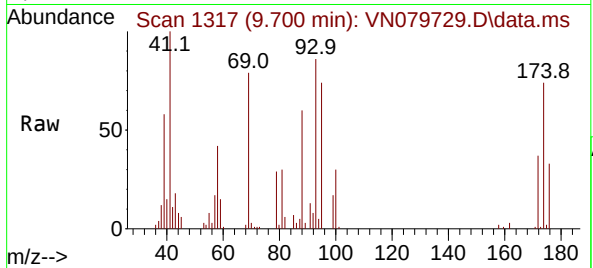
Tgt Ion:	41	Resp:	65118
Ion	Ratio	Lower	Upper
41	100		
69	82.2	90.4	135.6
39	60.0	54.6	81.8





#49
1,4-Dioxane
Concen: 359.871 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

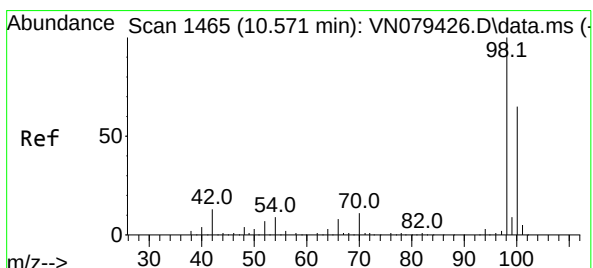
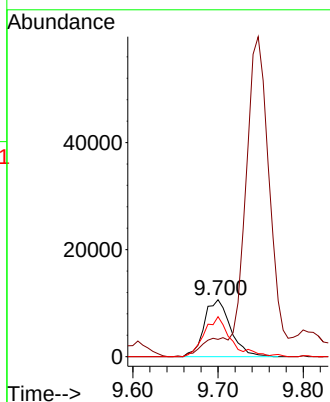
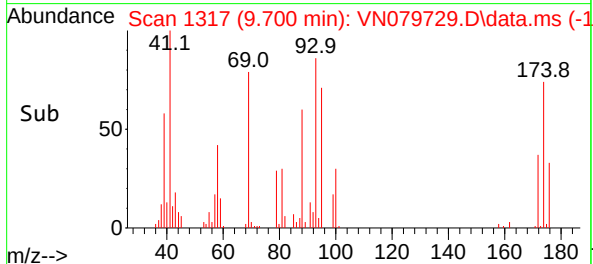
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



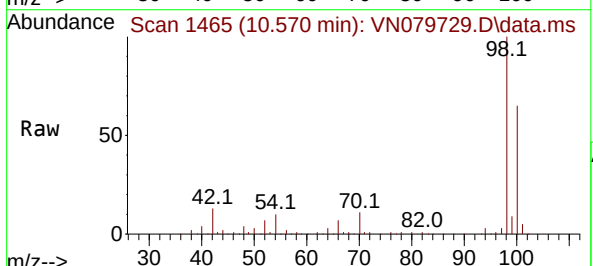
Tgt Ion: 88 Resp: 2287
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 71.9 47.0 70.4

Manual Integrations
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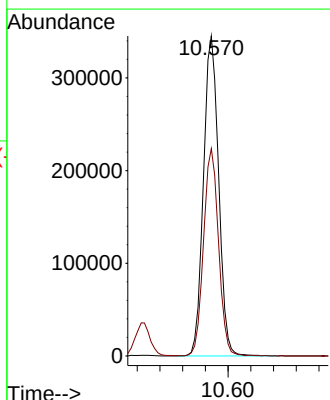
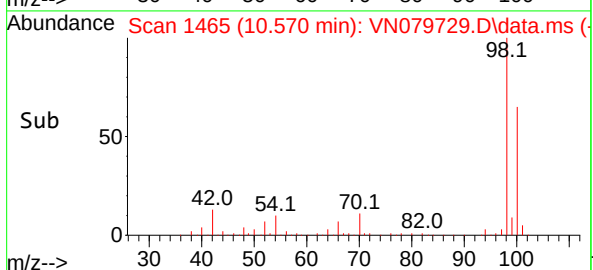
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

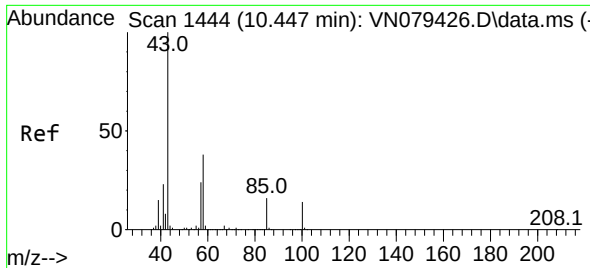


#50
Toluene-d8
Concen: 51.721 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



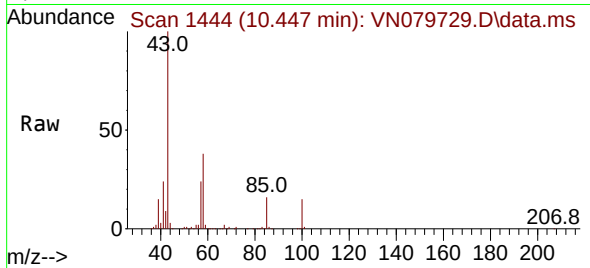
Tgt Ion: 98 Resp: 638920
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 92.150 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

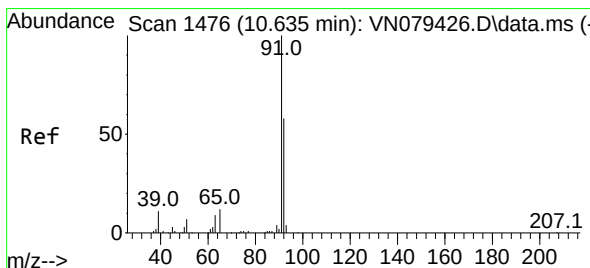
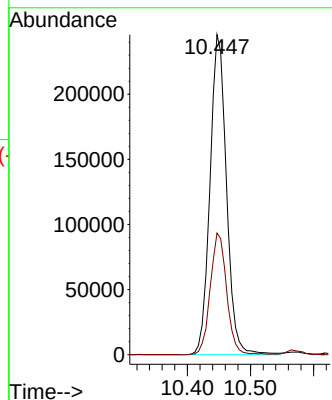
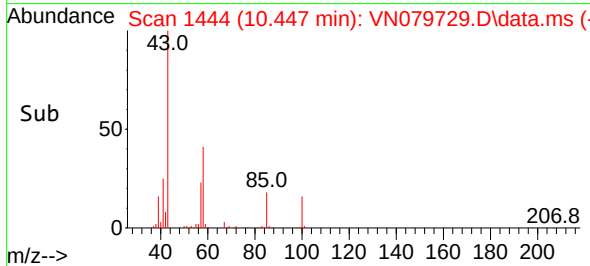
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion: 43 Resp: 446654
Ion Ratio Lower Upper
43 100
58 37.8 36.6 54.8

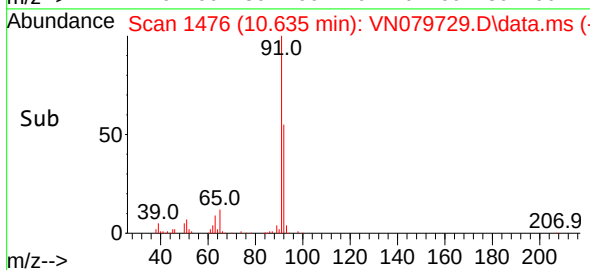
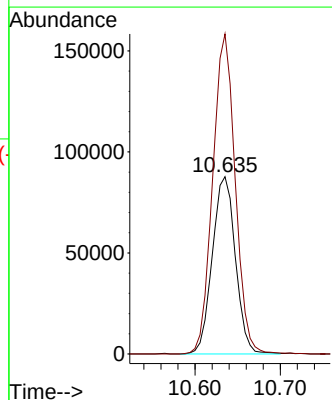
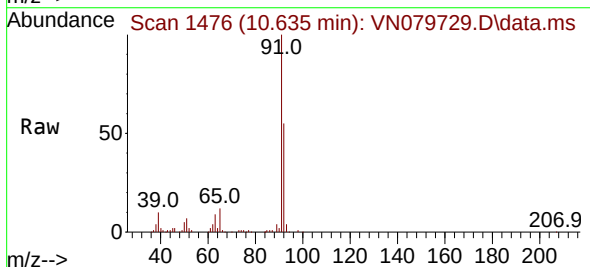
Manual Integrations
APPROVED

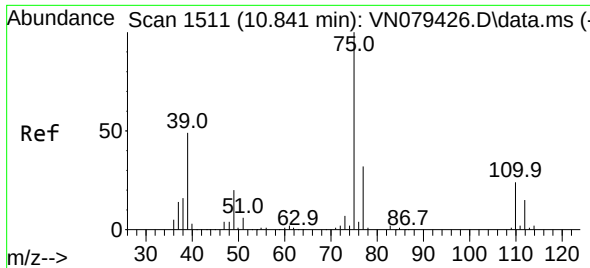
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 18.643 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

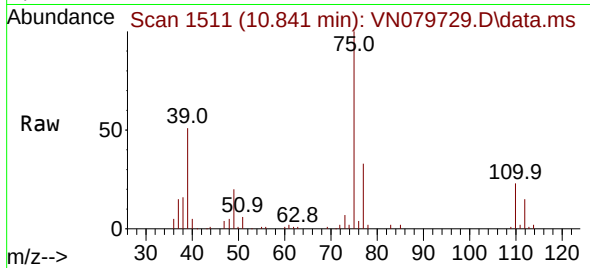
Tgt Ion: 92 Resp: 165133
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.079 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

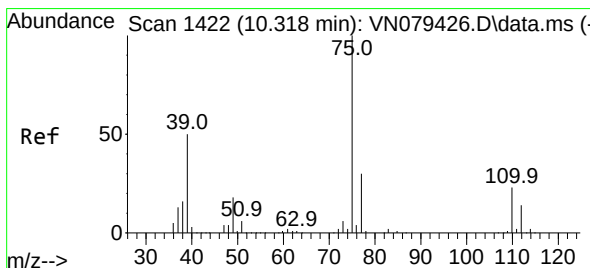
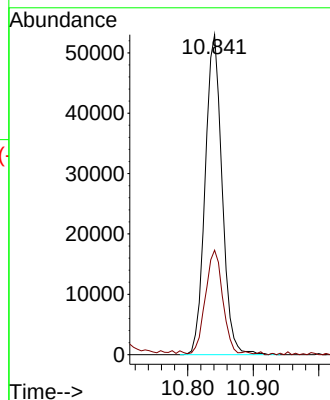
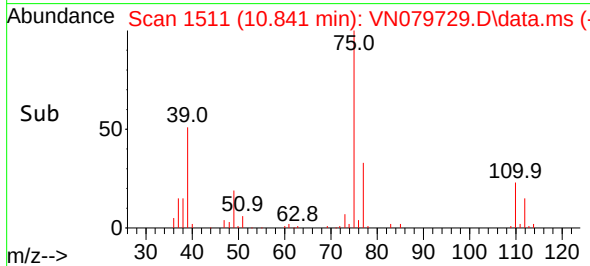
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion: 75 Resp: 9518
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

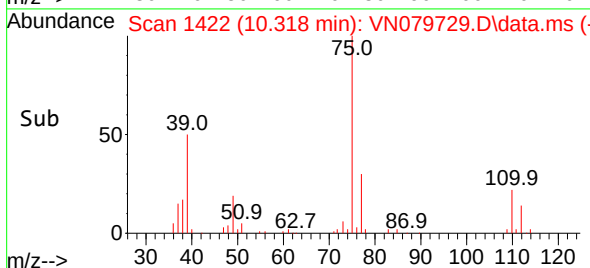
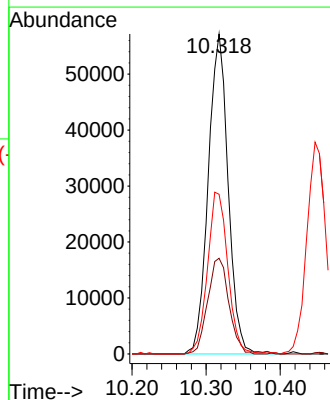
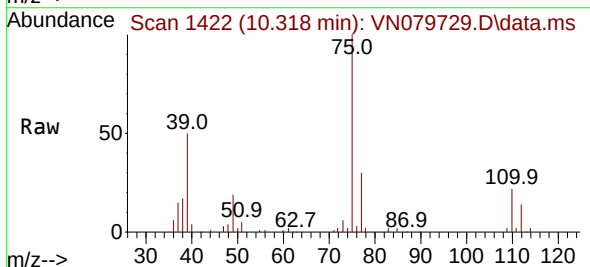
Manual Integrations
APPROVED

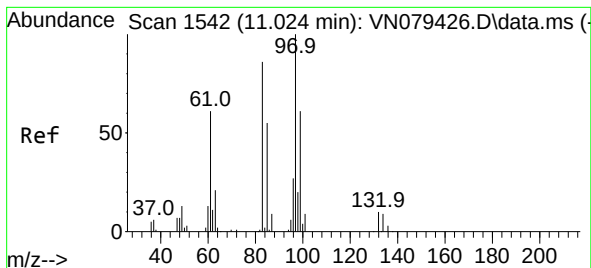
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#54
cis-1,3-Dichloropropene
Concen: 18.476 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

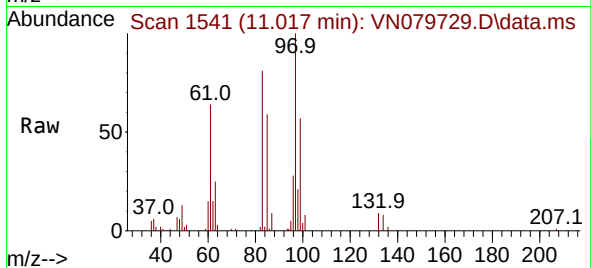
Tgt Ion: 75 Resp: 106426
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 49.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.126 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.007 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

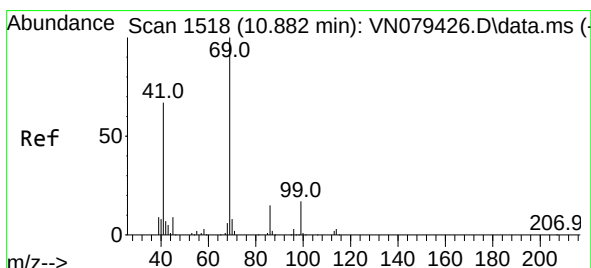
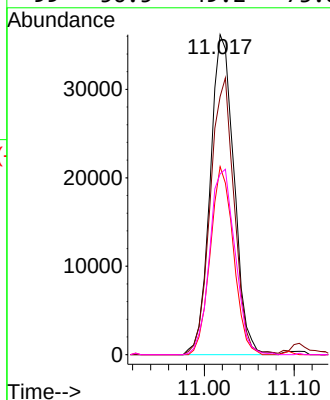
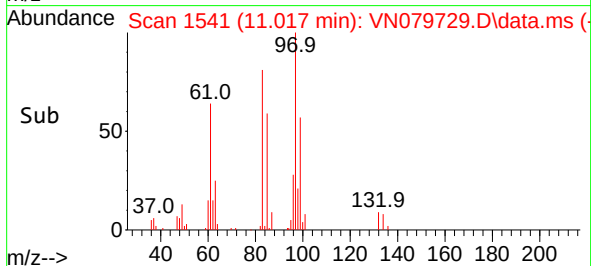
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



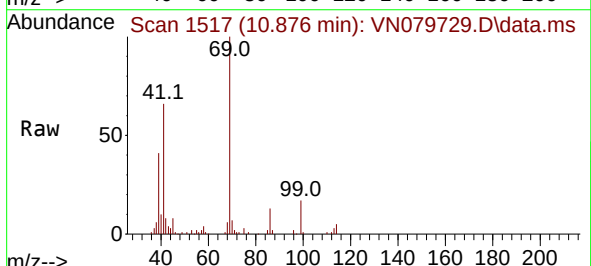
Tgt Ion:	97	Resp:	67000
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.1	97.7
85	58.8	43.4	65.2
99	56.5	49.2	73.8

Manual Integrations
APPROVED

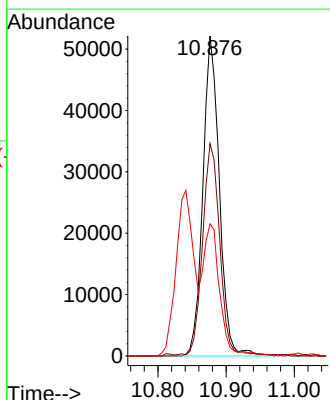
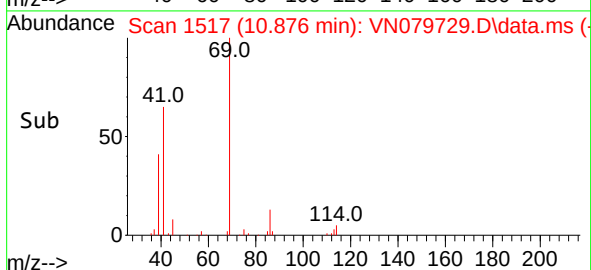
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

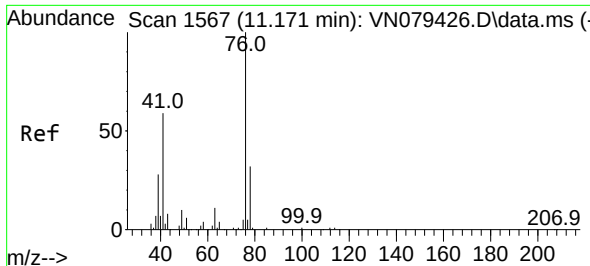


#56
Ethyl methacrylate
Concen: 17.703 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion:	69	Resp:	87582
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.6	59.4
39	41.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.209 ug/l

RT: 11.165 min Scan# 117762

Delta R.T. -0.006 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion: 76 Resp: 117762

Ion Ratio Lower Upper

76 100

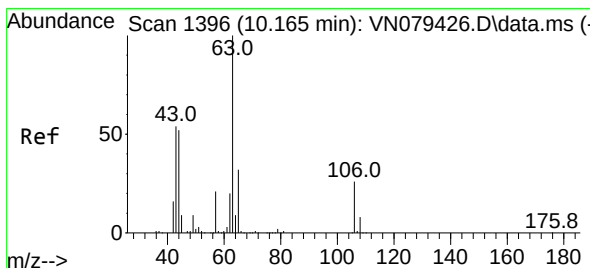
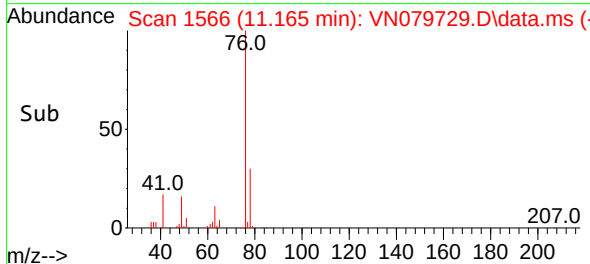
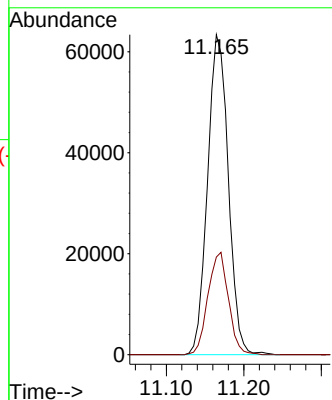
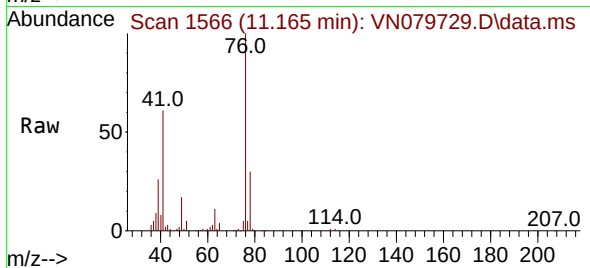
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.834 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079729.D

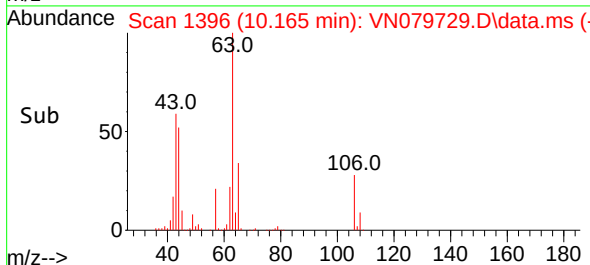
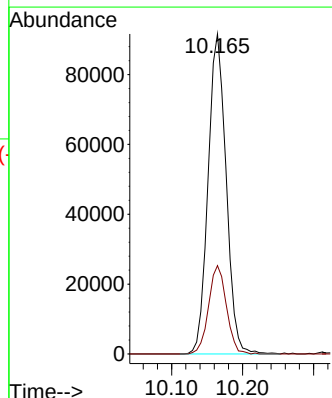
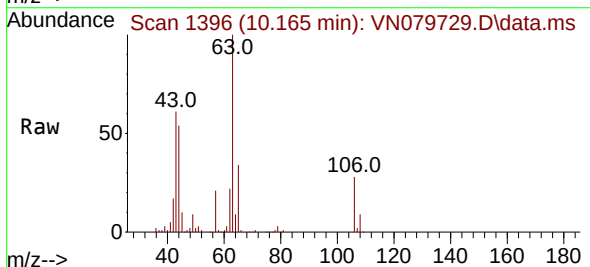
Acq: 30 Oct 2023 17:55

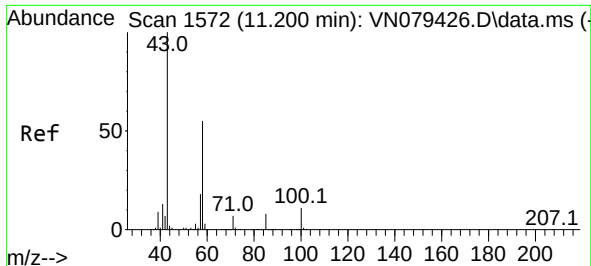
Tgt Ion: 63 Resp: 161912

Ion Ratio Lower Upper

63 100

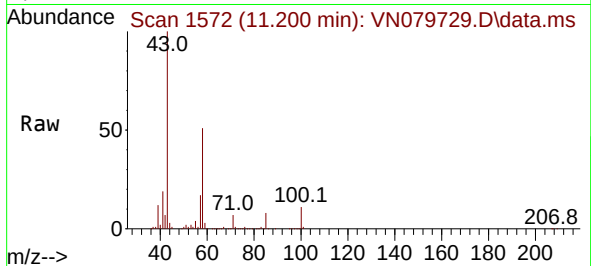
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 87.351 ug/l
RT: 11.200 min Scan# 111314
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

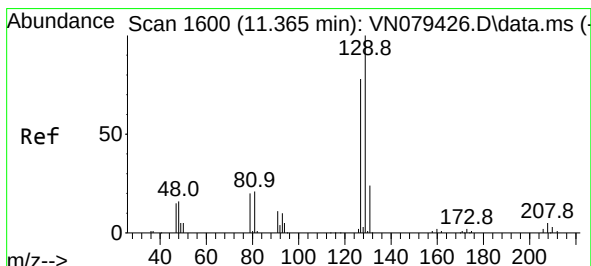
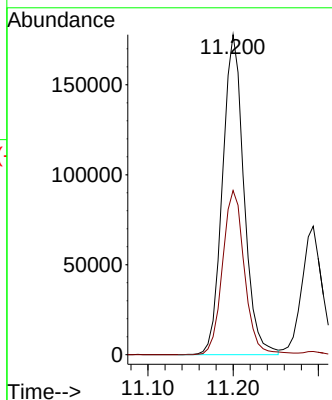
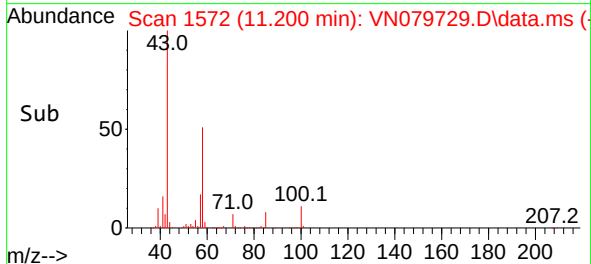
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion: 43 Resp: 311314
Ion Ratio Lower Upper
43 100
58 52.6 31.7 95.1

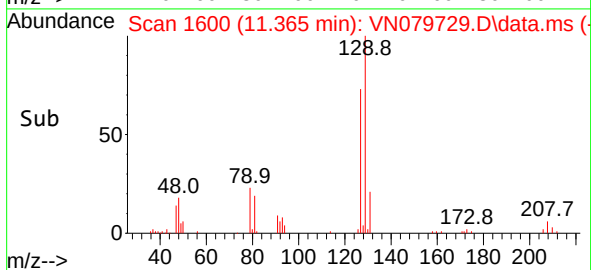
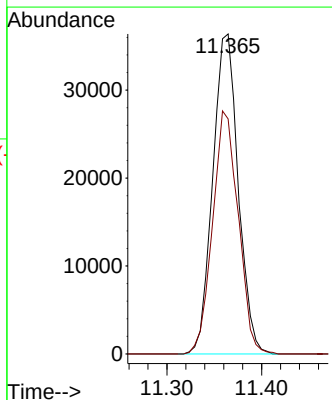
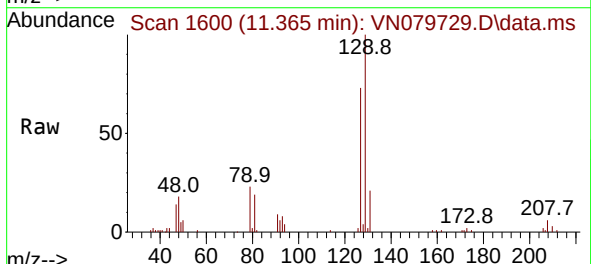
Manual Integrations
APPROVED

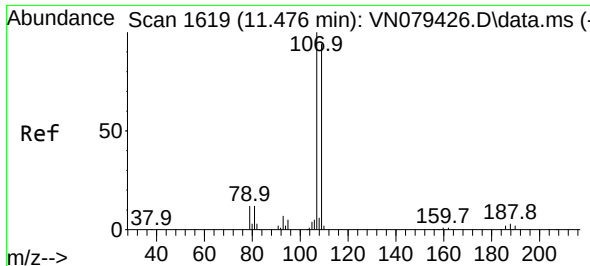
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 18.775 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion:129 Resp: 68057
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





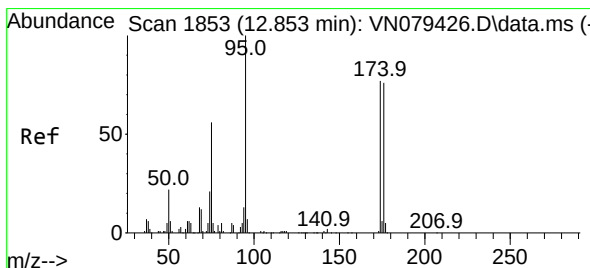
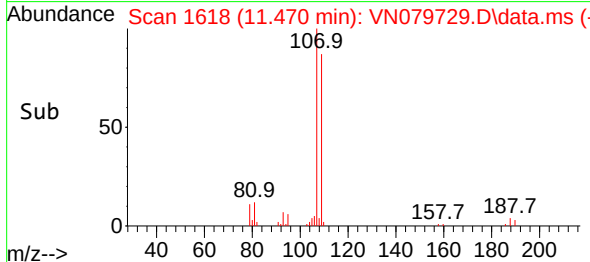
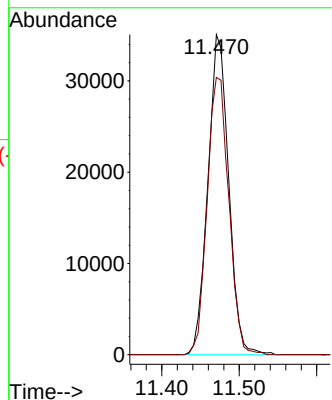
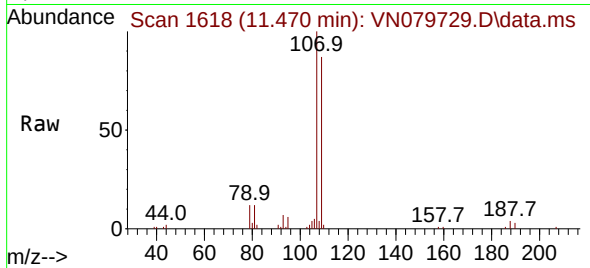
#61
1,2-Dibromoethane
Concen: 18.740 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:107 Resp: 65404
Ion Ratio Lower Upper
107 100
109 90.1 76.6 114.8

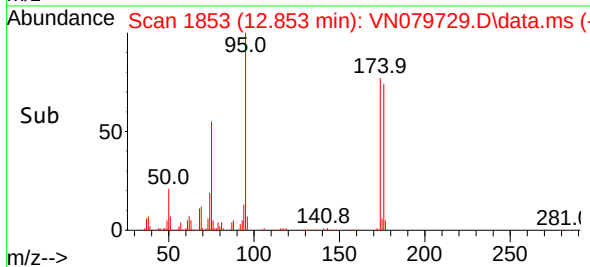
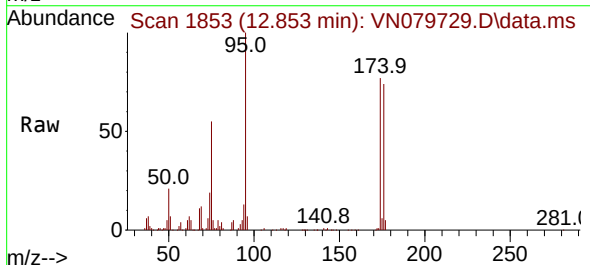
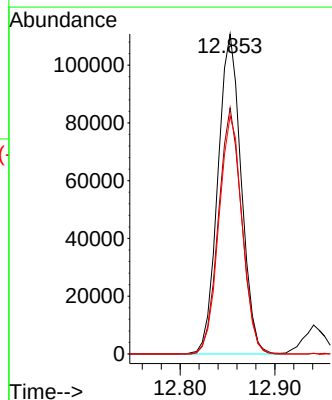
Manual Integrations
APPROVED

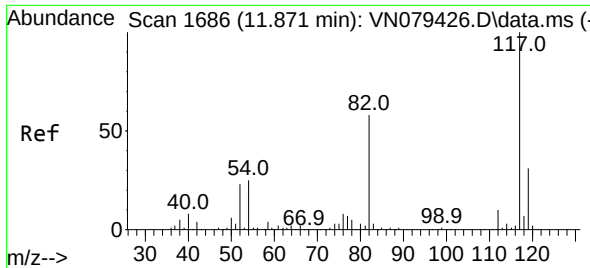
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 48.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

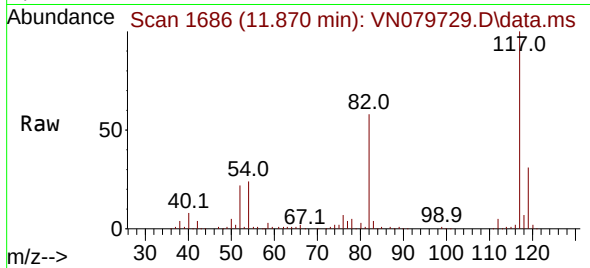
Tgt Ion: 95 Resp: 189534
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 74.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

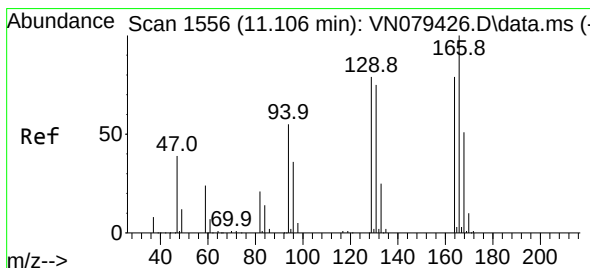
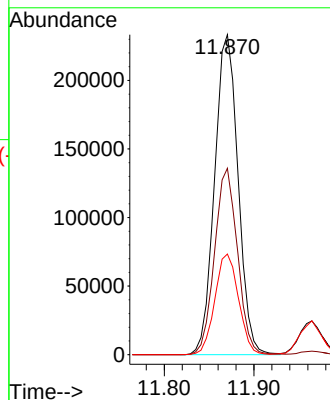
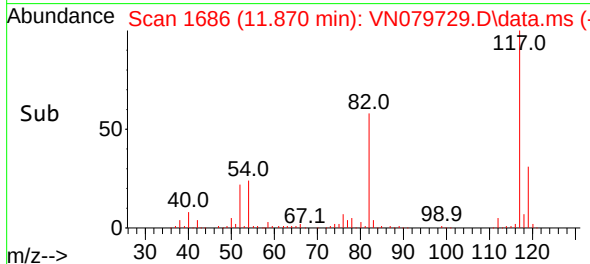
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion:117 Resp: 42405
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 31.5 25.6 38.4

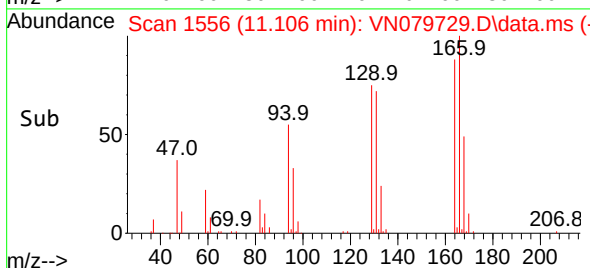
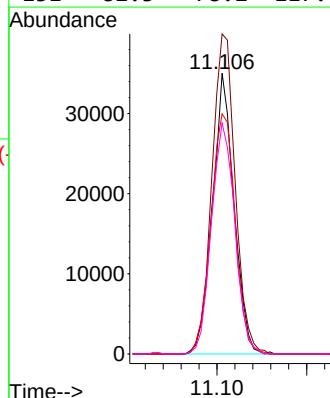
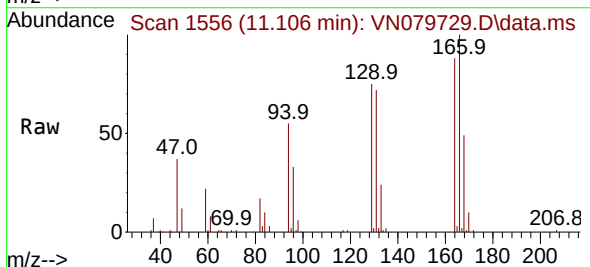
Manual Integrations
APPROVED

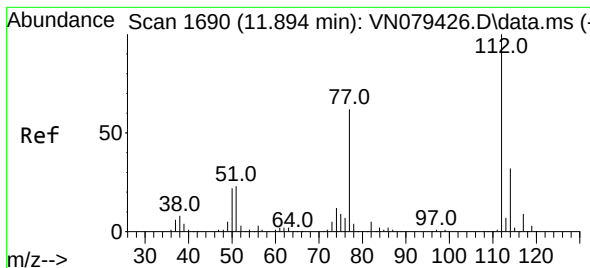
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 19.357 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion:164 Resp: 58230
Ion Ratio Lower Upper
164 100
166 114.1 101.4 152.0
129 85.6 82.4 123.6
131 82.3 78.2 117.4





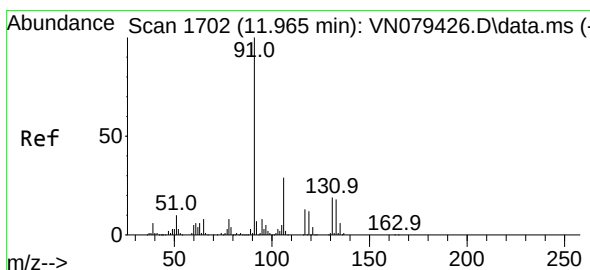
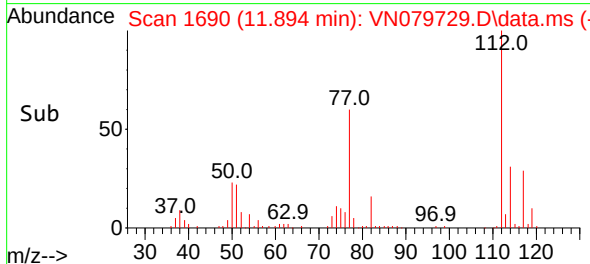
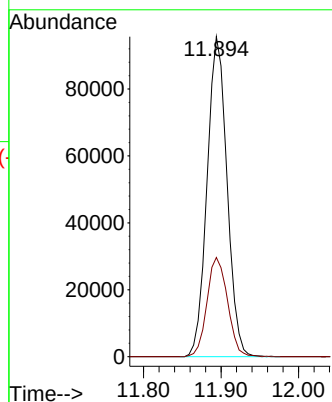
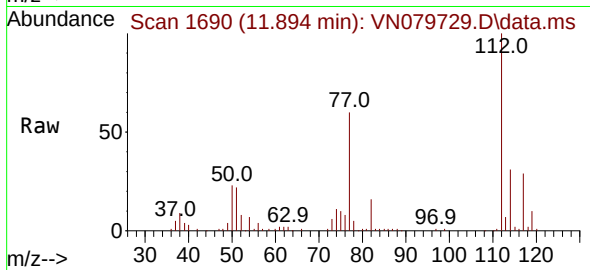
#65
Chlorobenzene
Concen: 18.202 ug/l
RT: 11.894 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:112 Resp: 170840
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

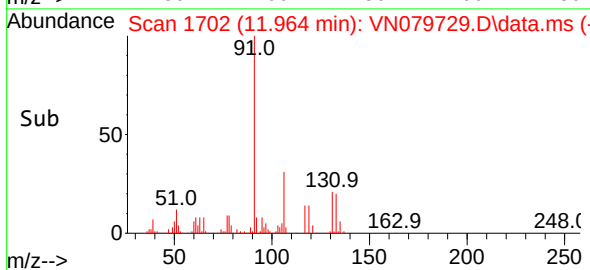
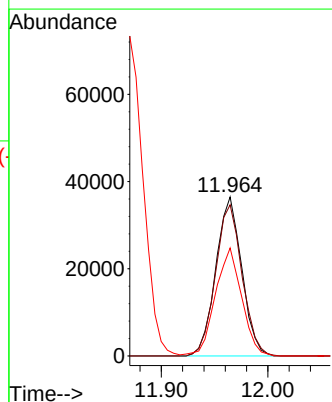
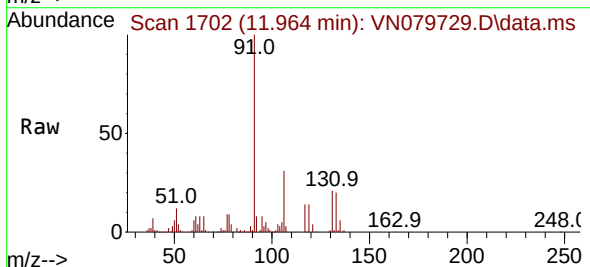
Manual Integrations
APPROVED

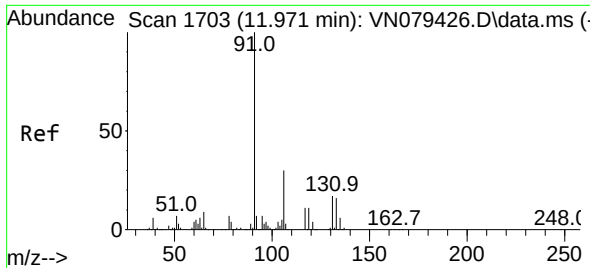
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.667 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion:131 Resp: 61614
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 68.9 34.1 102.2





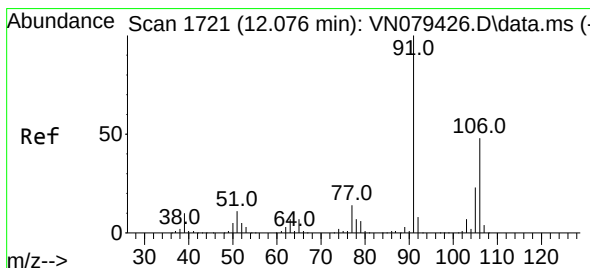
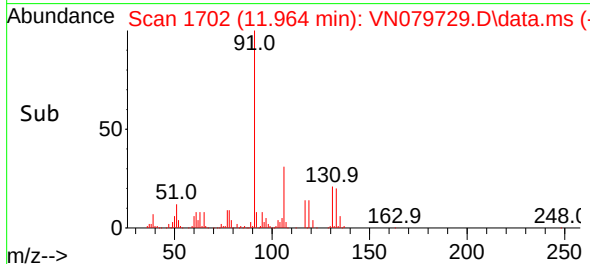
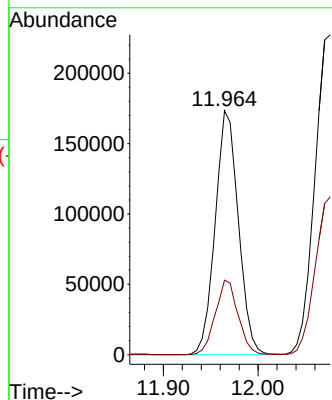
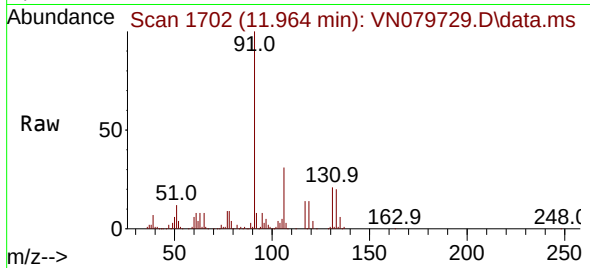
#67
Ethyl Benzene
Concen: 17.839 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.007 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 91 Resp: 29497
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

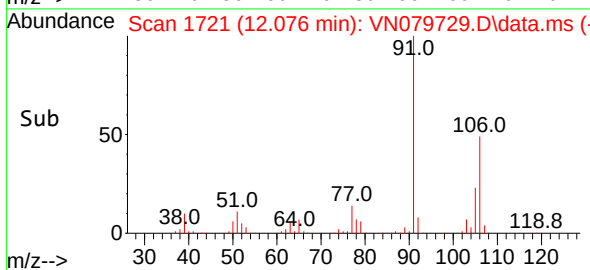
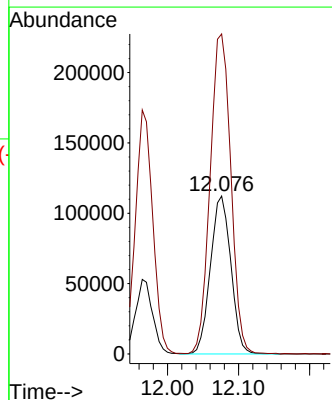
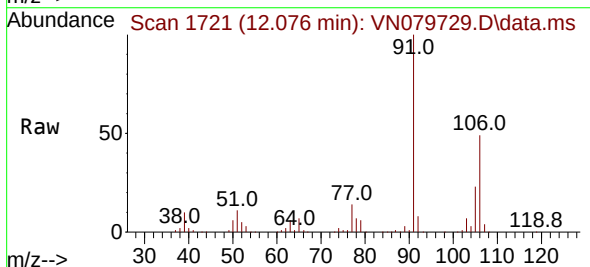
Manual Integrations
APPROVED

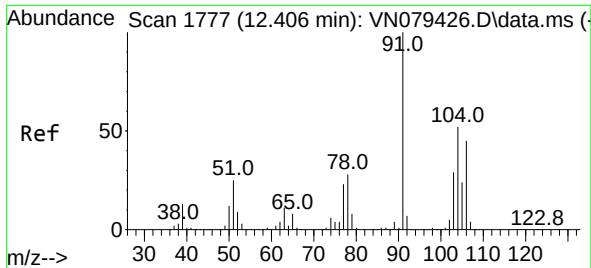
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 36.628 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion:106 Resp: 224008
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4





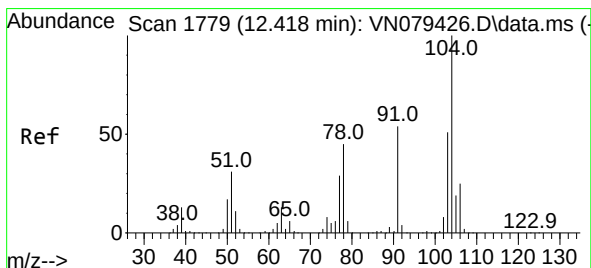
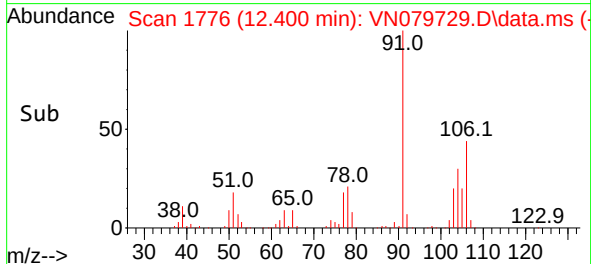
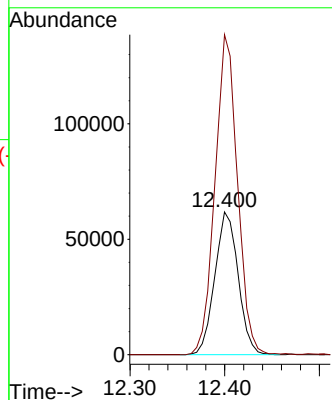
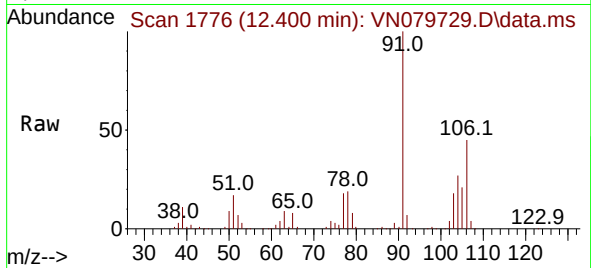
#69
o-Xylene
Concen: 18.006 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:106 Resp: 10589
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

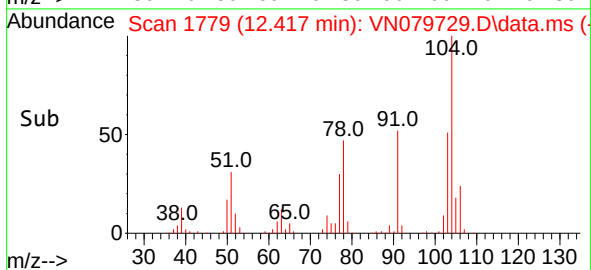
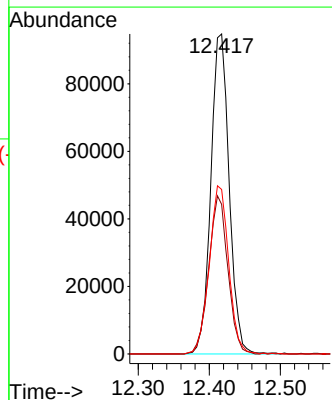
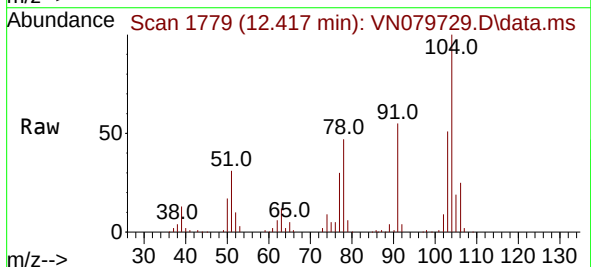
Manual Integrations
APPROVED

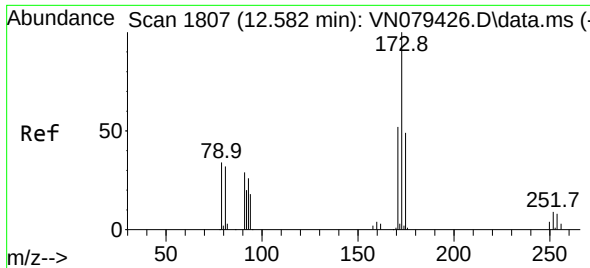
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 18.011 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

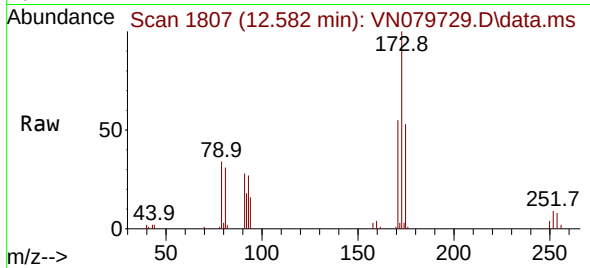
Tgt Ion:104 Resp: 169668
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 17.900 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

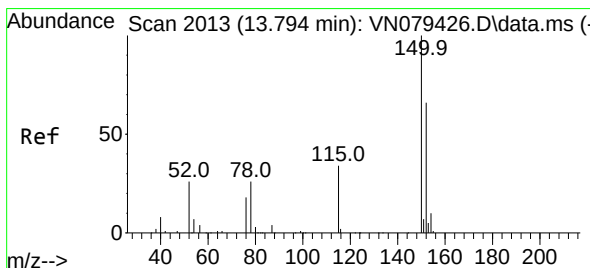
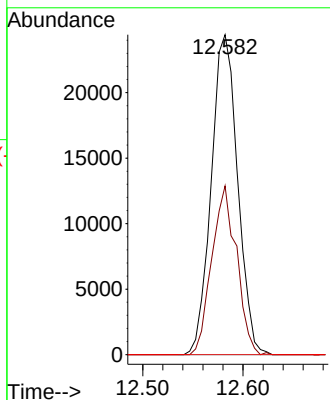
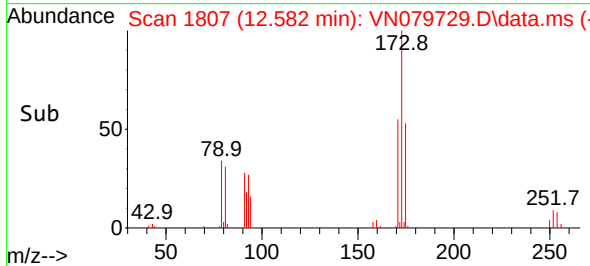
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



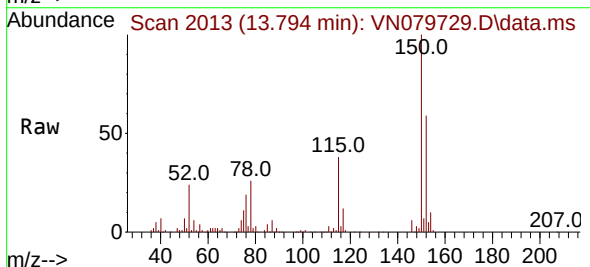
Tgt Ion:173 Resp: 4471
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

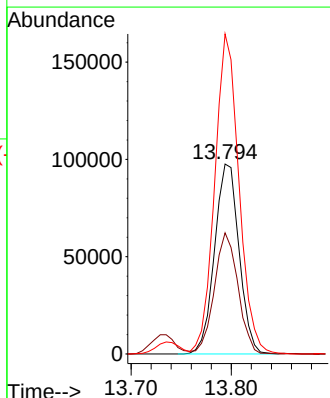
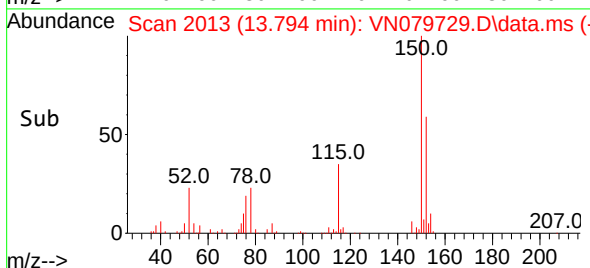
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

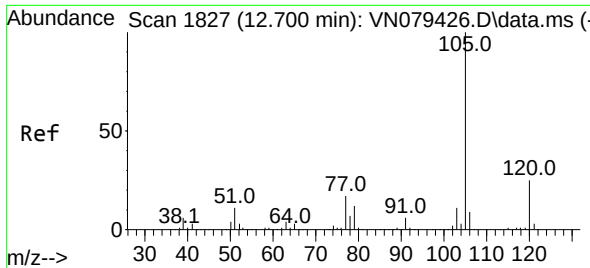


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion:152 Resp: 165523
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 166.8 0.0 355.8





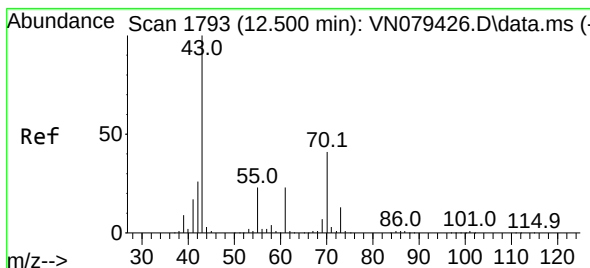
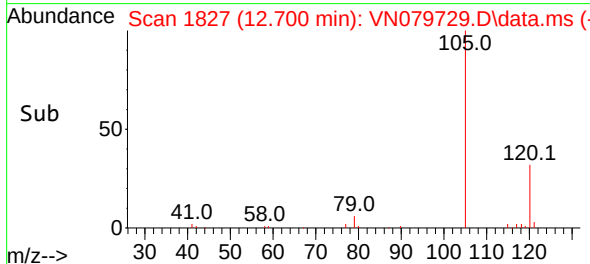
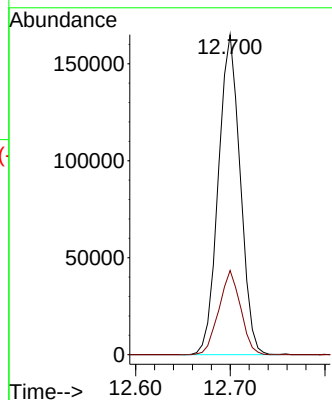
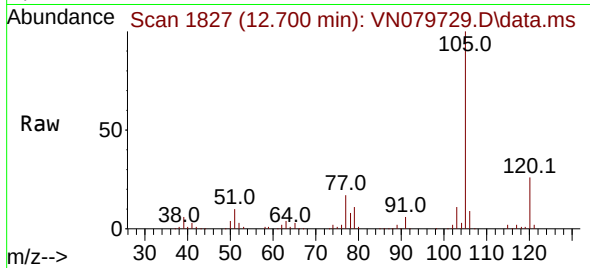
#73
Isopropylbenzene
Concen: 17.656 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:105 Resp: 264711
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

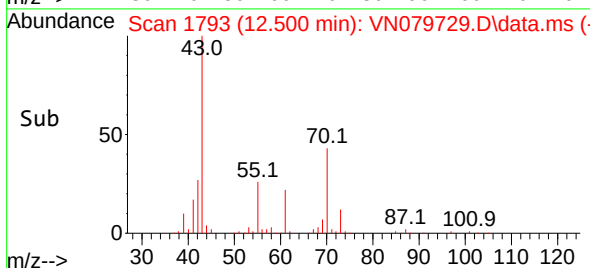
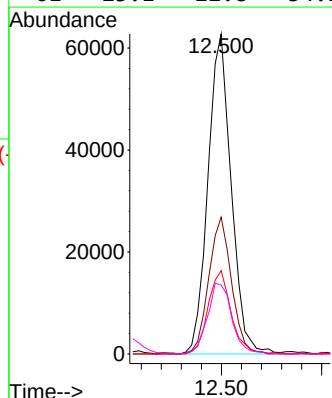
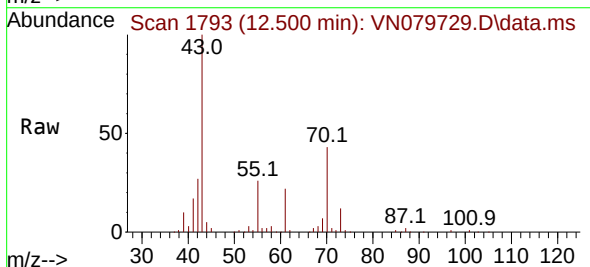
Manual Integrations
APPROVED

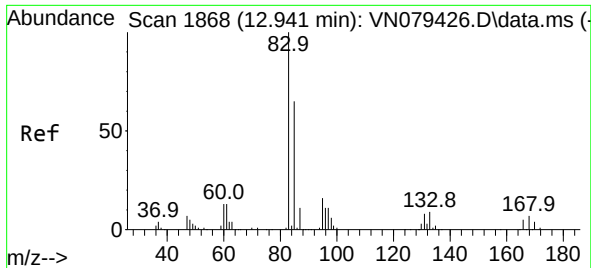
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 16.994 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

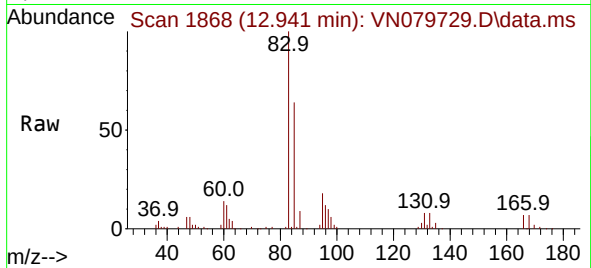
Tgt Ion: 43 Resp: 101342
Ion Ratio Lower Upper
43 100
70 41.7 43.4 65.2#
55 25.8 21.4 32.0
61 23.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.407 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

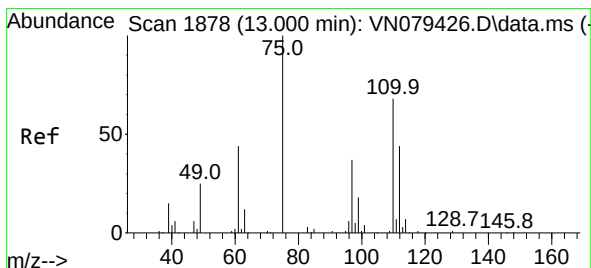
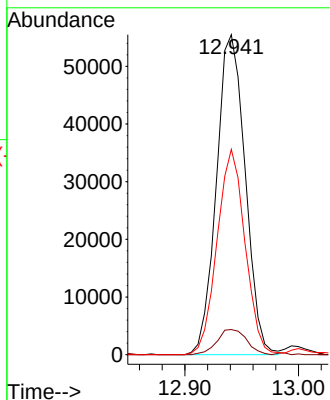
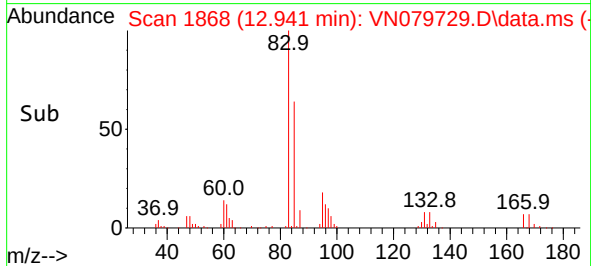
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion: 83 Resp: 9770
Ion Ratio Lower Upper
83 100
131 8.1 5.0 15.0
85 62.3 31.9 95.7

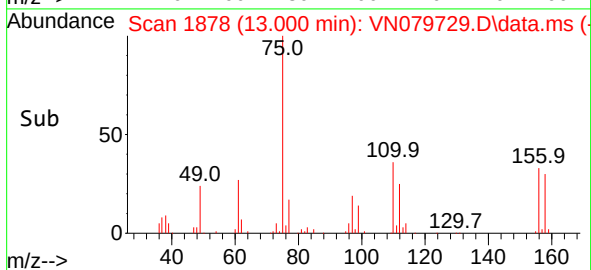
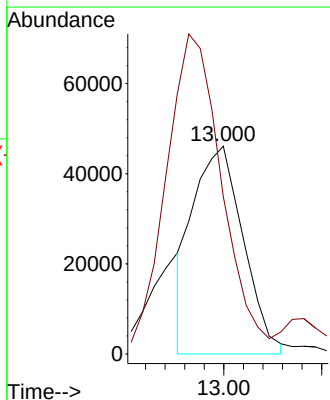
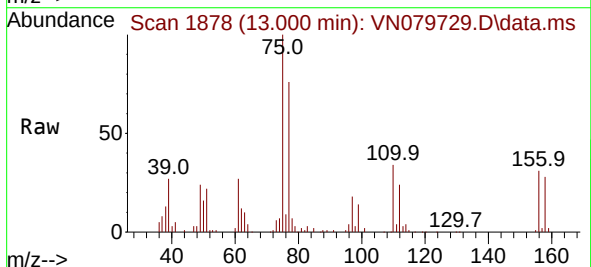
Manual Integrations
APPROVED

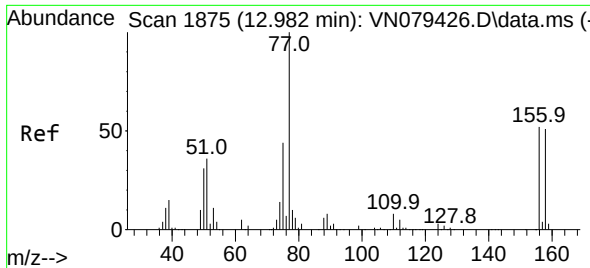
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 18.284 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

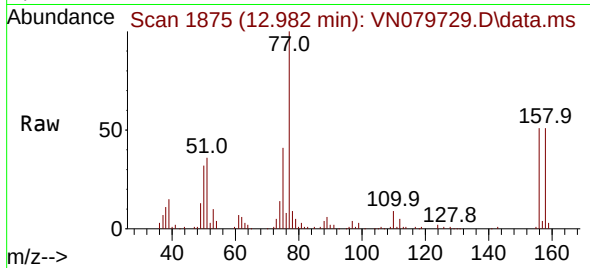
Tgt Ion: 75 Resp: 82178
Ion Ratio Lower Upper
75 100
77 171.7 84.5 253.5





#77
Bromobenzene
Concen: 18.131 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

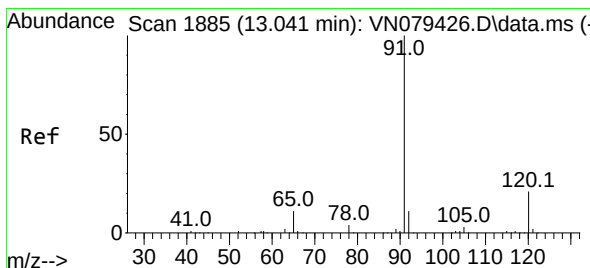
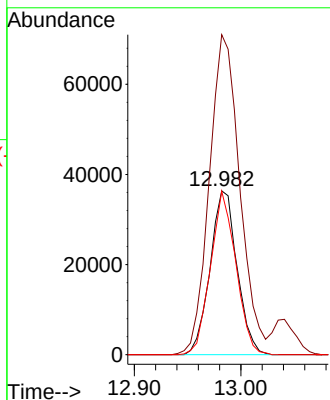
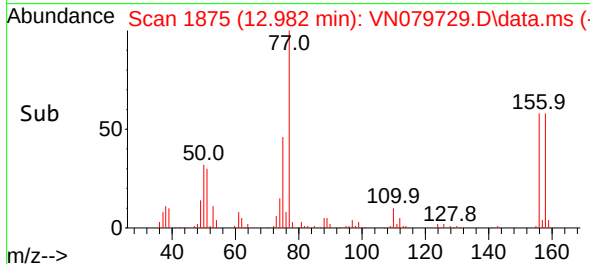
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



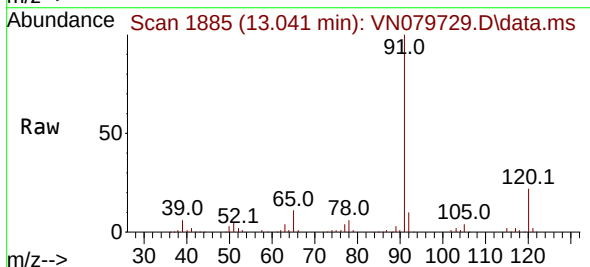
Tgt Ion:156 Resp: 63929
Ion Ratio Lower Upper
156 100
77 220.7 107.7 323.3
158 93.8 48.4 145.3

Manual Integrations
APPROVED

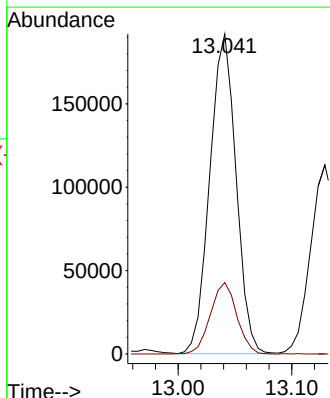
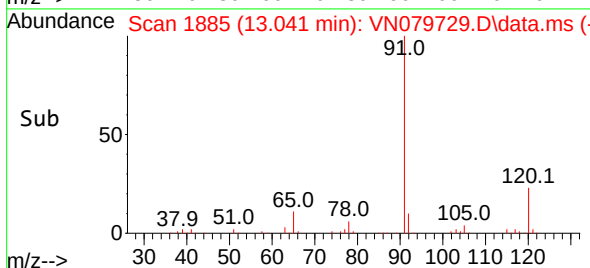
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

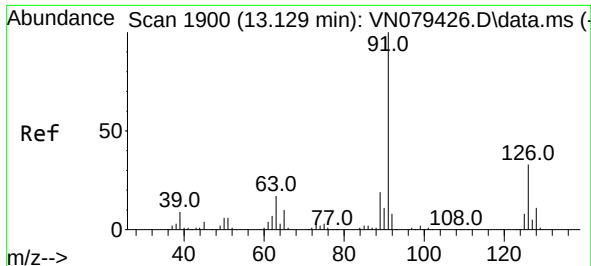


#78
n-propylbenzene
Concen: 17.840 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion: 91 Resp: 308104
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





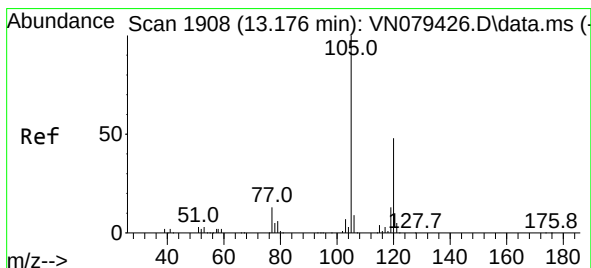
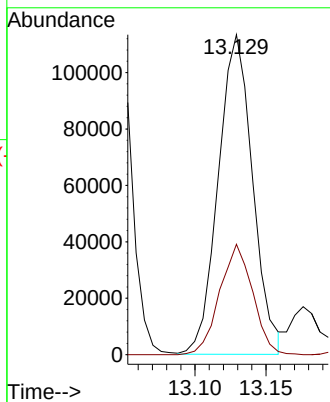
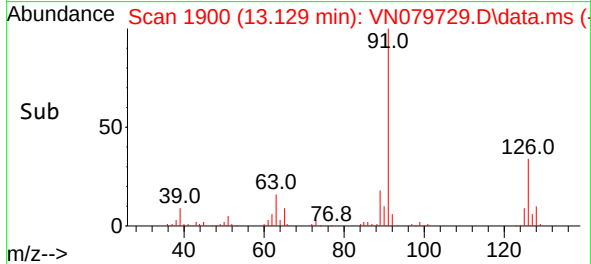
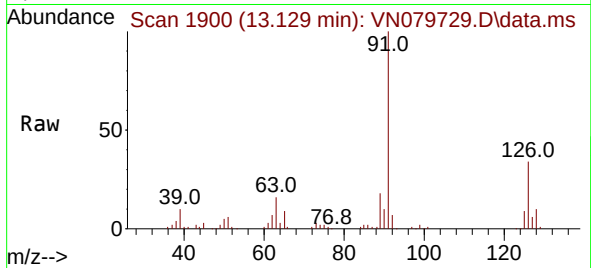
#79
2-Chlorotoluene
Concen: 17.749 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 91 Resp: 191080
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

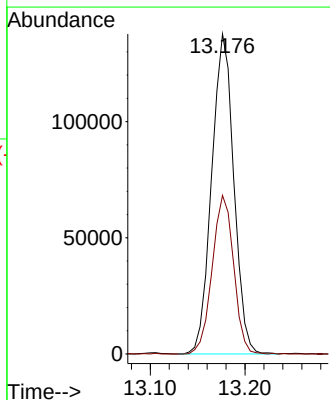
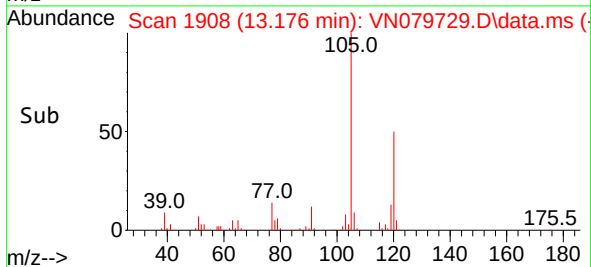
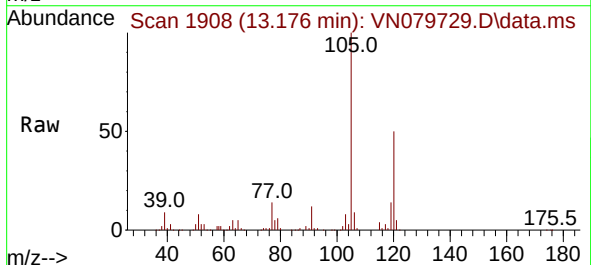
Manual Integrations
APPROVED

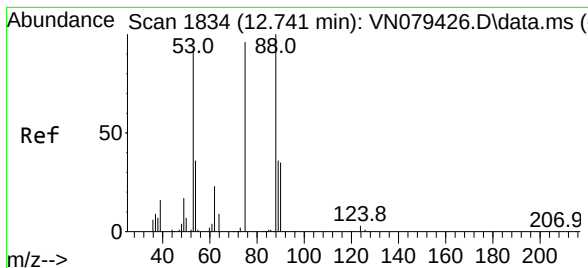
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.284 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

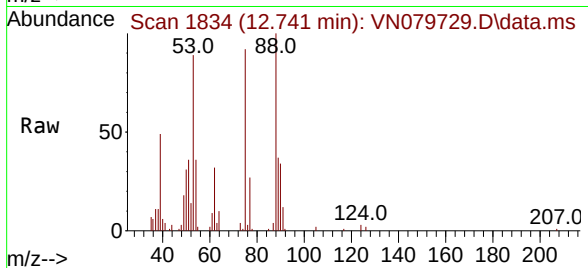
Tgt Ion:105 Resp: 223455
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.801 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

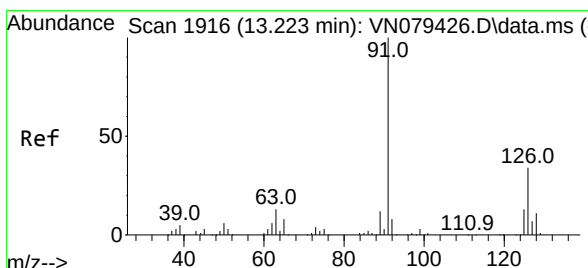
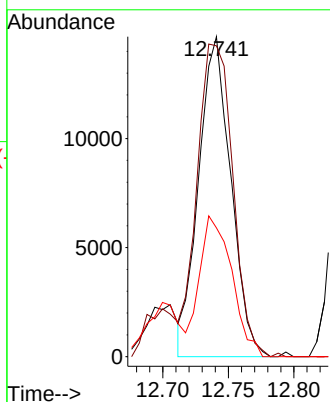
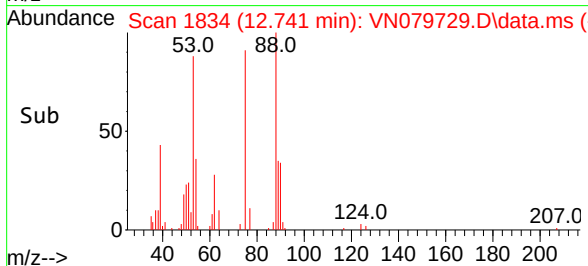
Instrument : MSVOA_N
ClientSampleId : VN1030WBSD01



Tgt Ion: 75 Resp: 25034
Ion Ratio Lower Upper
75 100
53 122.8 67.4 101.2
89 44.1 38.8 58.2

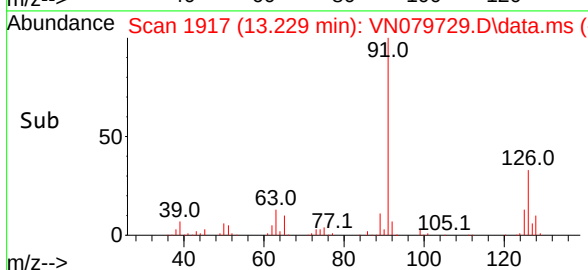
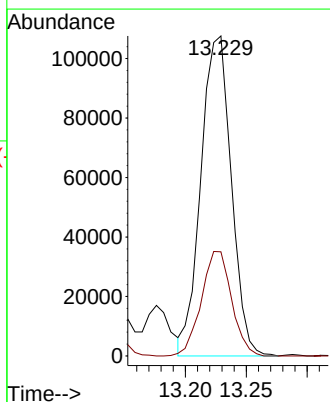
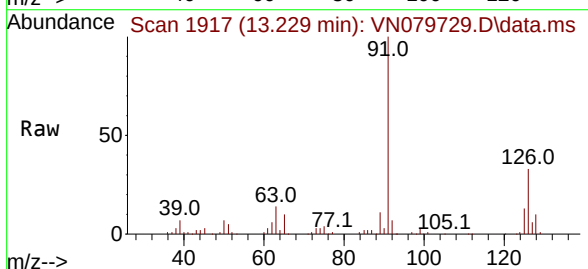
Manual Integrations
APPROVED

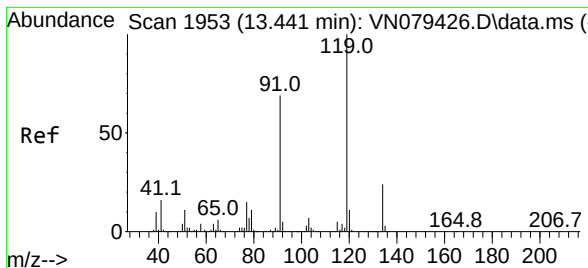
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 18.105 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

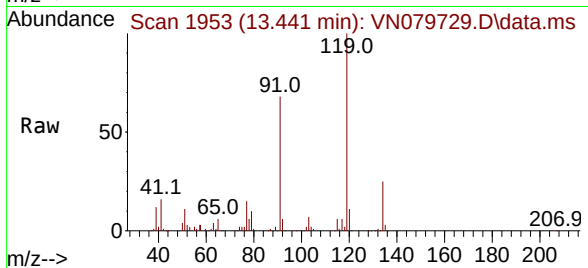
Tgt Ion: 91 Resp: 187219
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.422 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

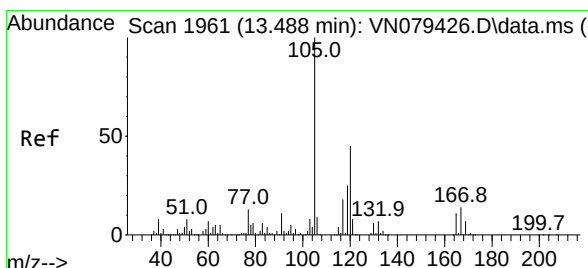
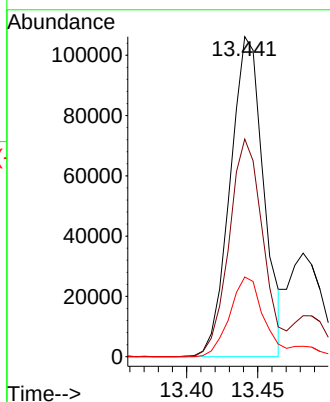
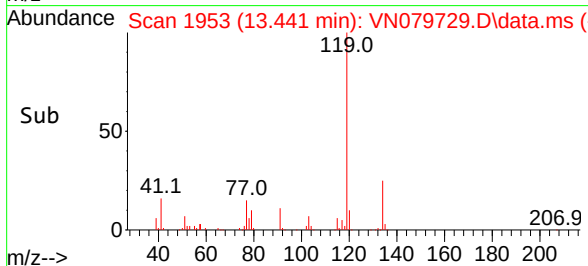
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



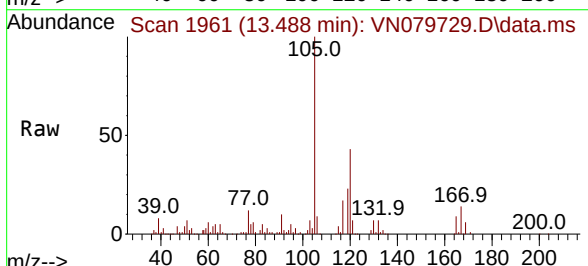
Tgt Ion:119 Resp: 174498
Ion Ratio Lower Upper
119 100
91 69.7 33.9 101.7
134 27.7 13.2 39.6

Manual Integrations
APPROVED

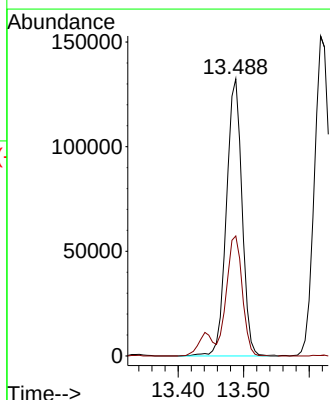
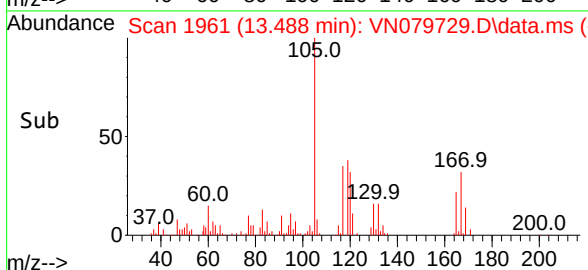
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

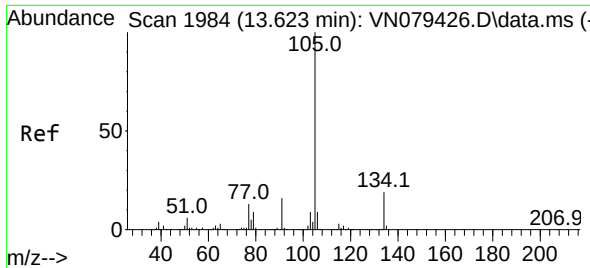


#84
1,2,4-Trimethylbenzene
Concen: 18.489 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



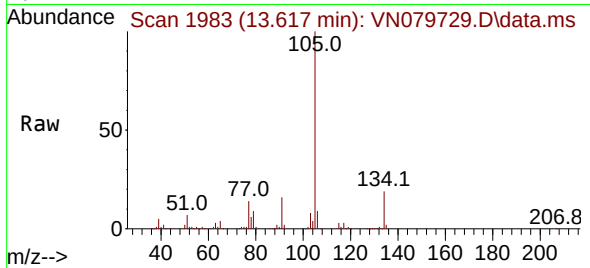
Tgt Ion:105 Resp: 217993
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.867 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079729.D
 Acq: 30 Oct 2023 17:55

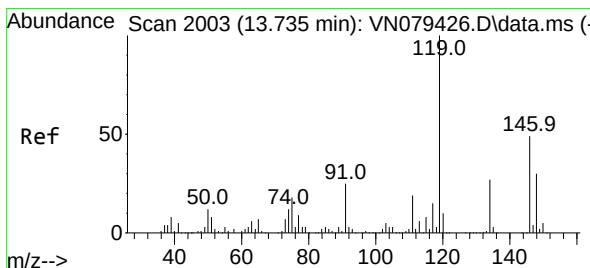
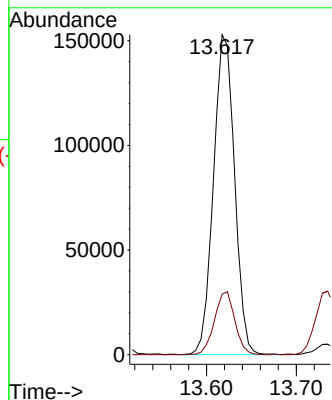
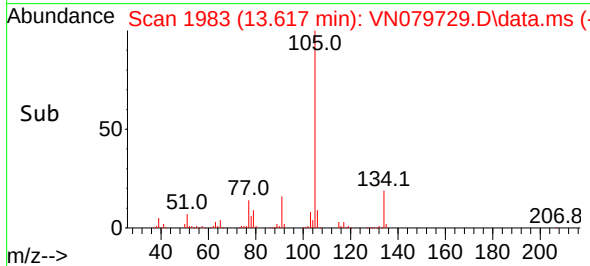
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01



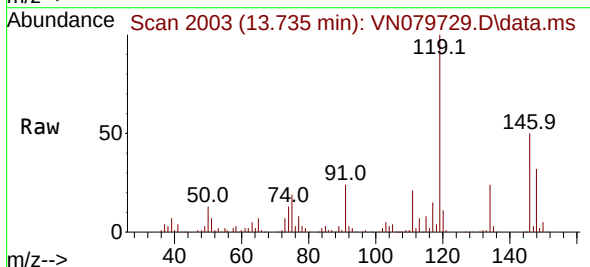
Tgt Ion:105 Resp: 249612
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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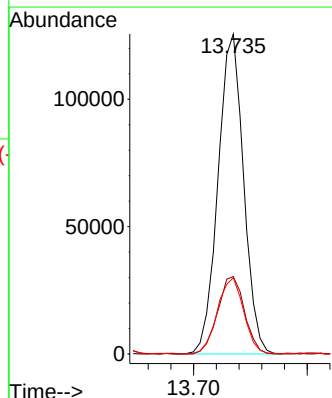
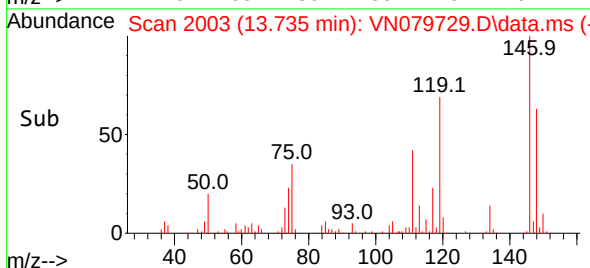
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

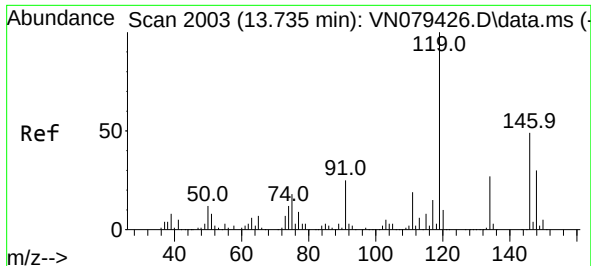


#86
 p-Isopropyltoluene
 Concen: 17.633 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079729.D
 Acq: 30 Oct 2023 17:55



Tgt Ion:119 Resp: 196206
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.084 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

Tgt Ion:146 Resp: 10786

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.3

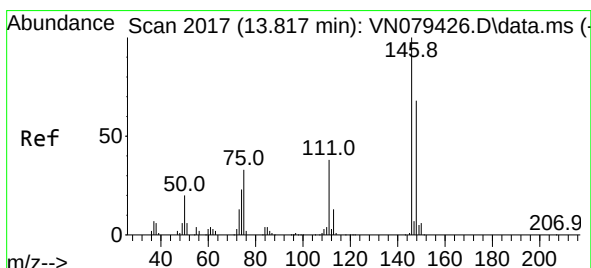
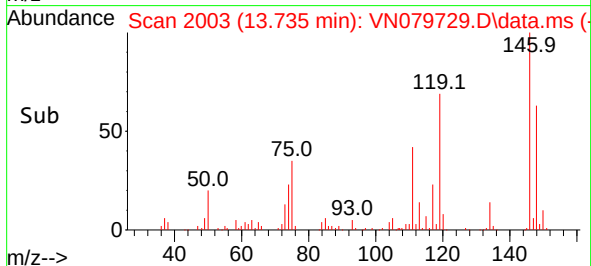
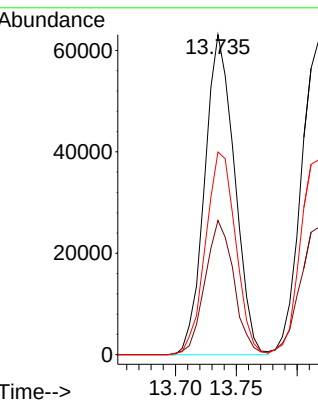
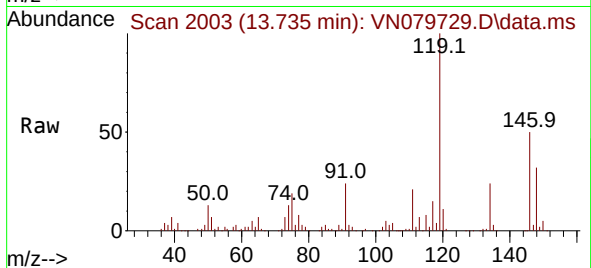
148 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 17.783 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079729.D

Acq: 30 Oct 2023 17:55

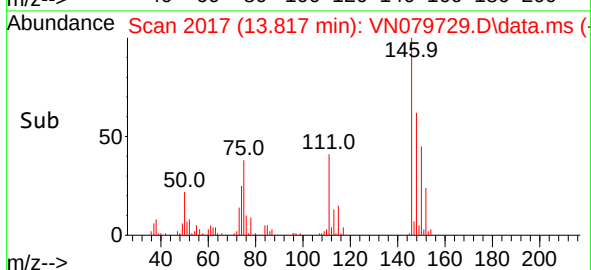
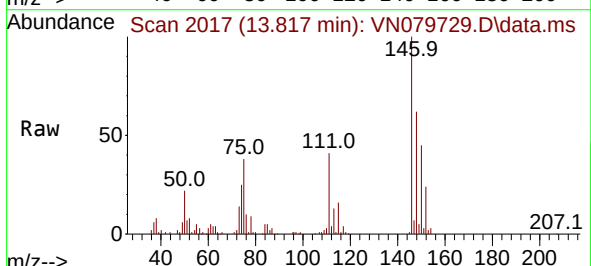
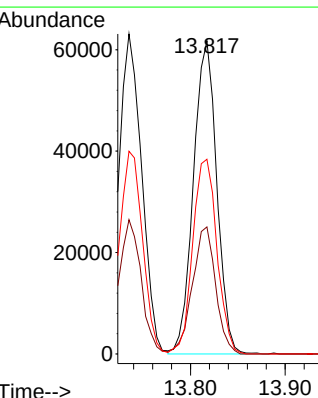
Tgt Ion:146 Resp: 105666

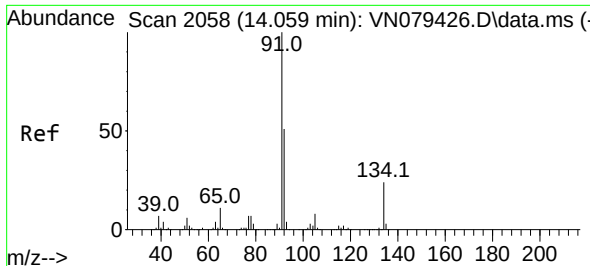
Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 64.6 31.6 94.8





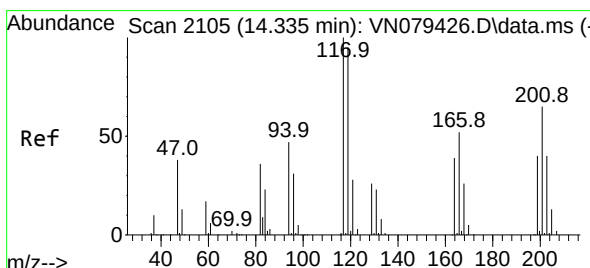
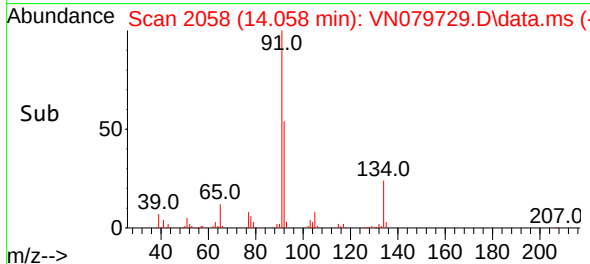
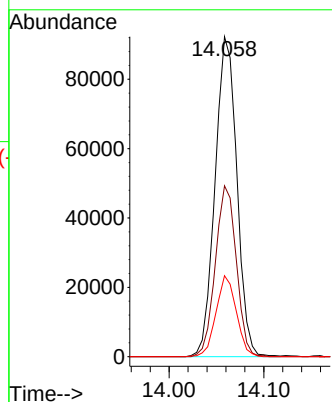
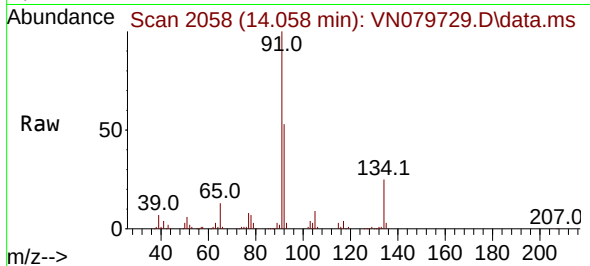
#89
n-Butylbenzene
Concen: 16.703 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion: 91 Resp: 147662
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 23.6 12.6 37.6

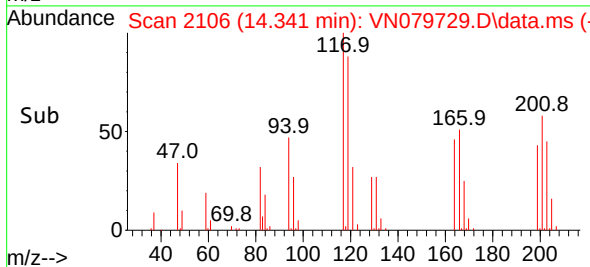
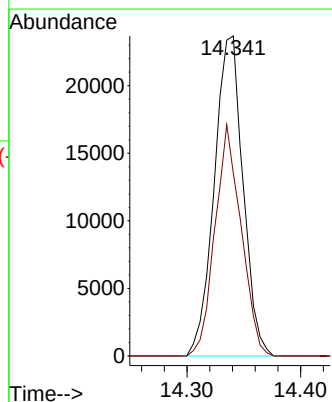
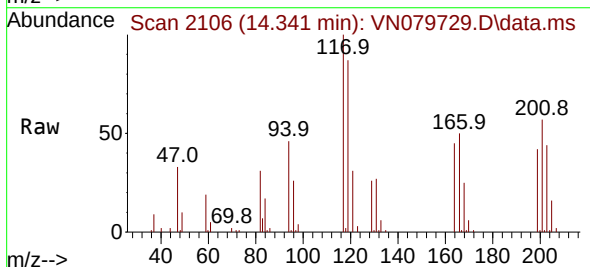
Manual Integrations
APPROVED

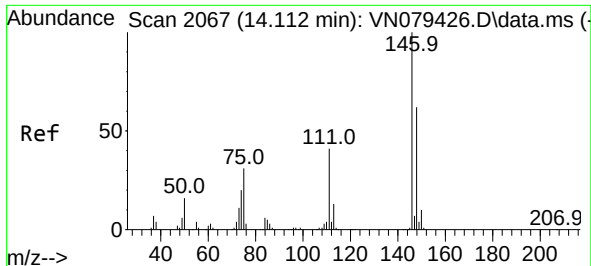
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 17.700 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

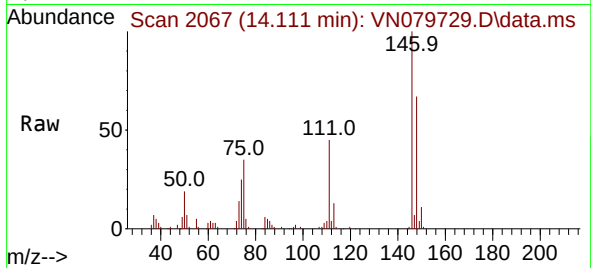
Tgt Ion:117 Resp: 41615
Ion Ratio Lower Upper
117 100
201 65.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.589 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

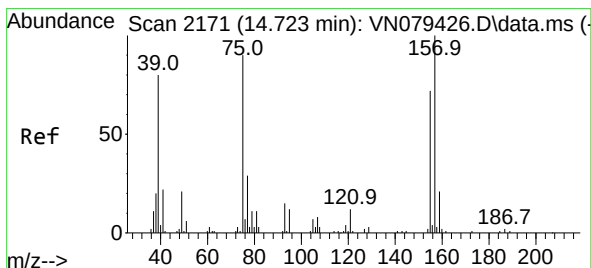
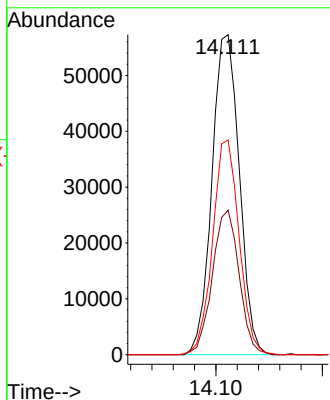
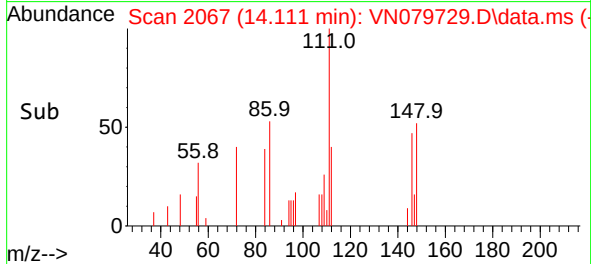
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



Tgt Ion:146 Resp: 10204
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 65.0 31.8 95.3

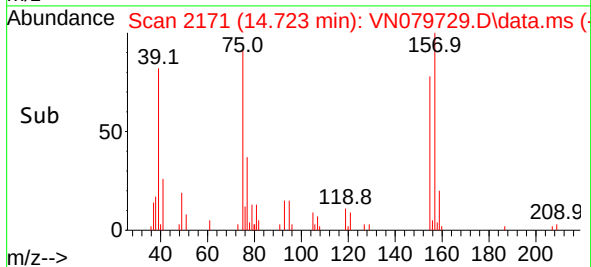
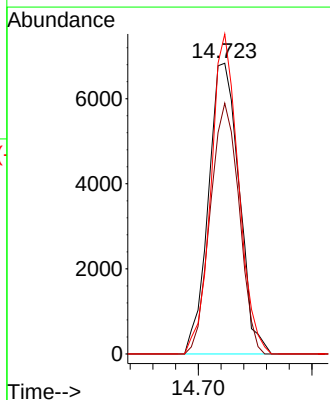
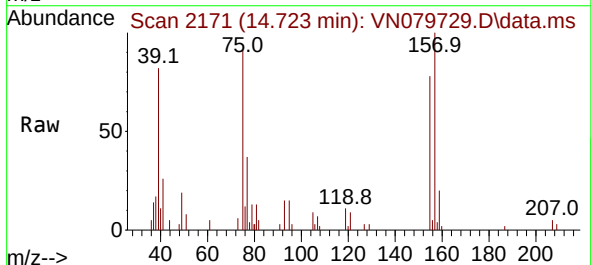
Manual Integrations
APPROVED

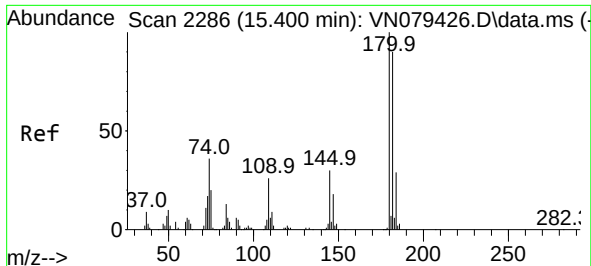
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.665 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Tgt Ion: 75 Resp: 12823
Ion Ratio Lower Upper
75 100
155 81.1 39.1 117.2
157 98.5 50.3 150.9





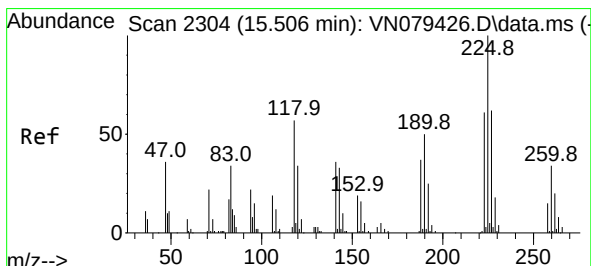
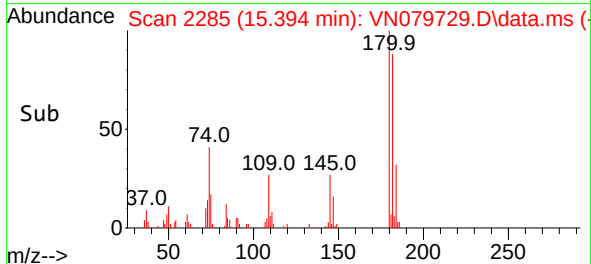
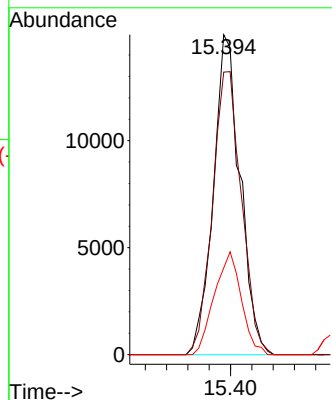
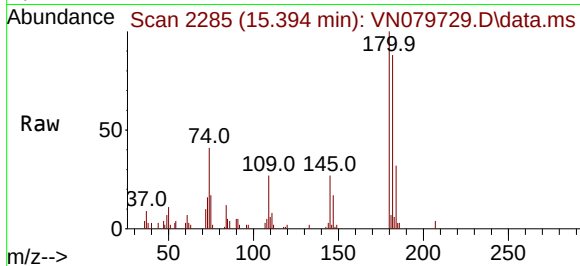
#93
1,2,4-Trichlorobenzene
Concen: 15.088 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

Tgt Ion:180 Resp: 2609
Ion Ratio Lower Upper
180 100
182 95.3 46.1 138.2
145 32.3 16.6 49.8

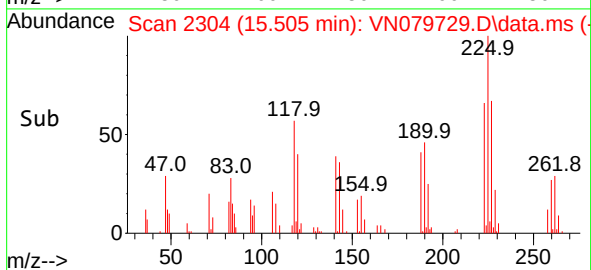
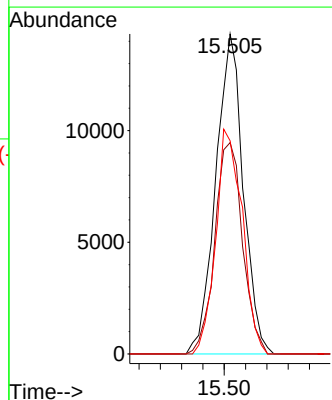
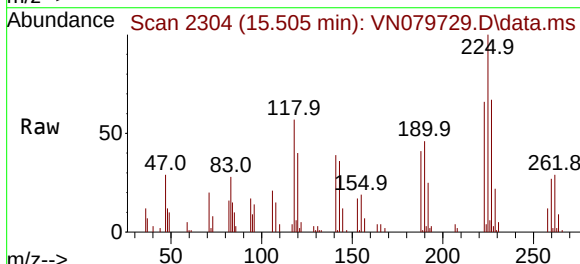
Manual Integrations
APPROVED

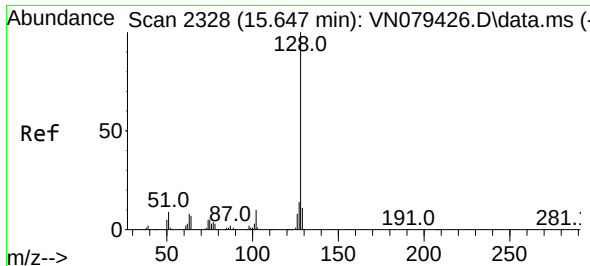
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#94
Hexachlorobutadiene
Concen: 16.697 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

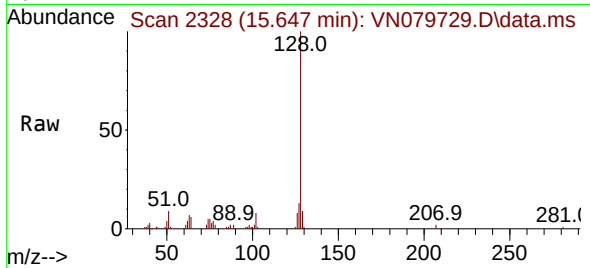
Tgt Ion:225 Resp: 25619
Ion Ratio Lower Upper
225 100
223 66.8 31.3 93.8
227 67.7 31.9 95.9





#95
Naphthalene
Concen: 13.261 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55

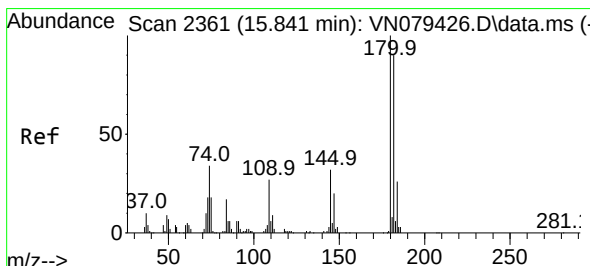
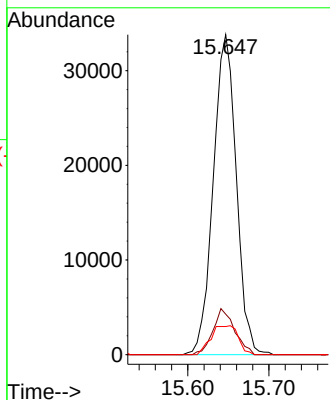
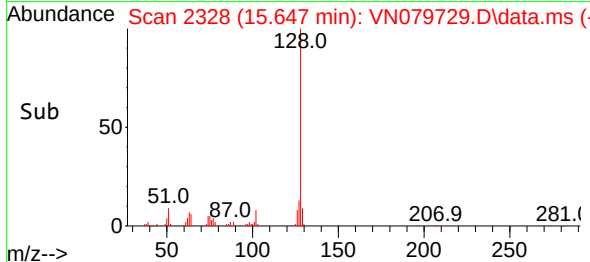
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01



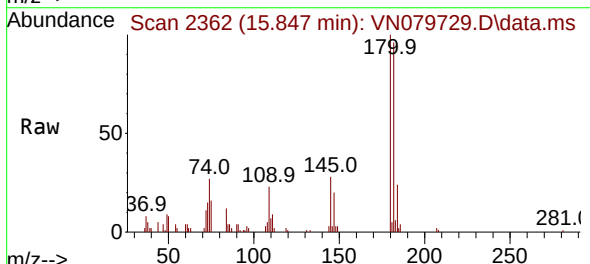
Tgt Ion:128 Resp: 6657
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.519 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079729.D
Acq: 30 Oct 2023 17:55



Tgt Ion:180 Resp: 29967
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 34.5 17.5 52.6

